

Program Complot
(Version 2021-1)

by

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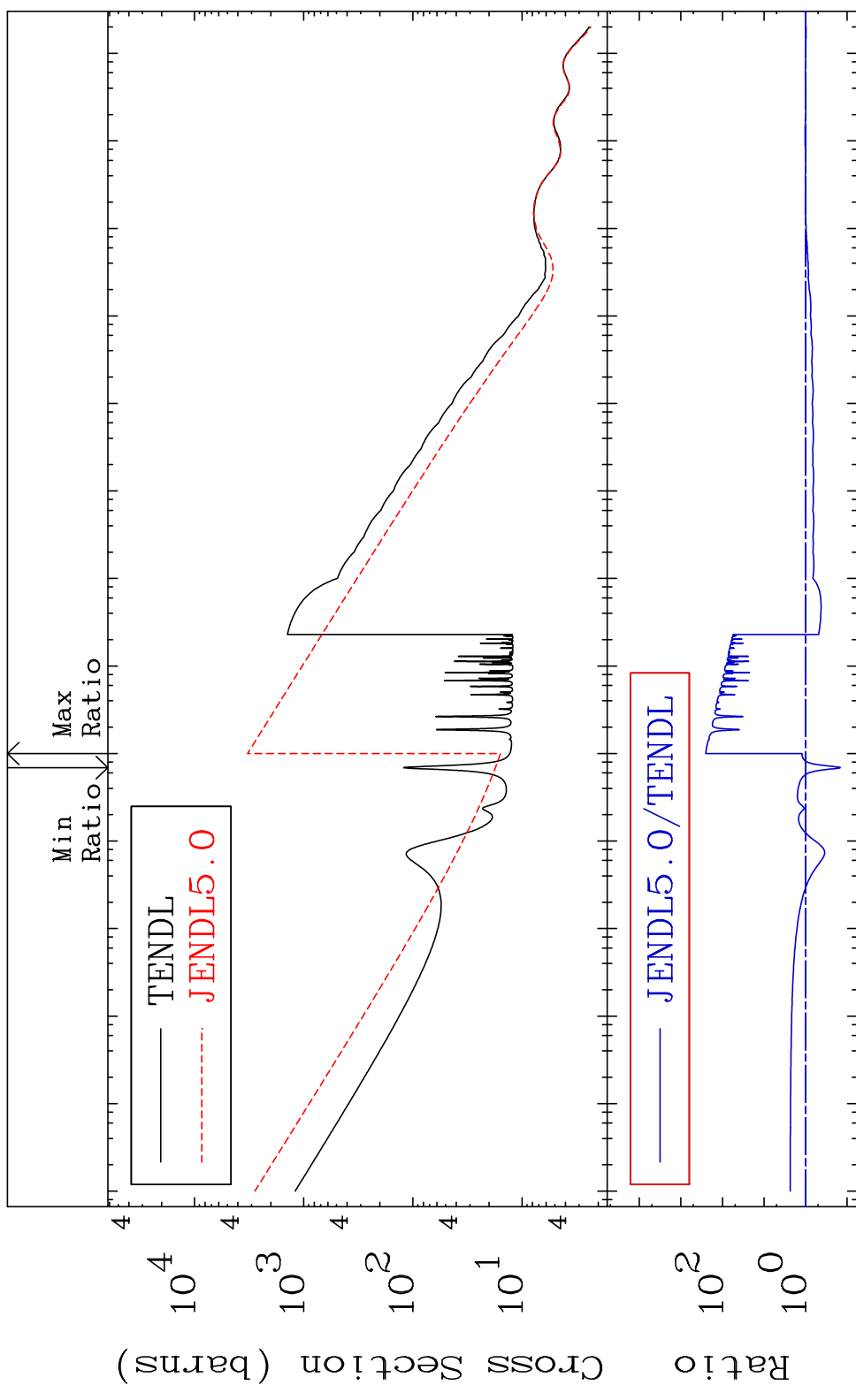
Press Mouse Button to Start

MAT 6513

Total

65-Tb-155

Cross Section -85.57 To 9999. %



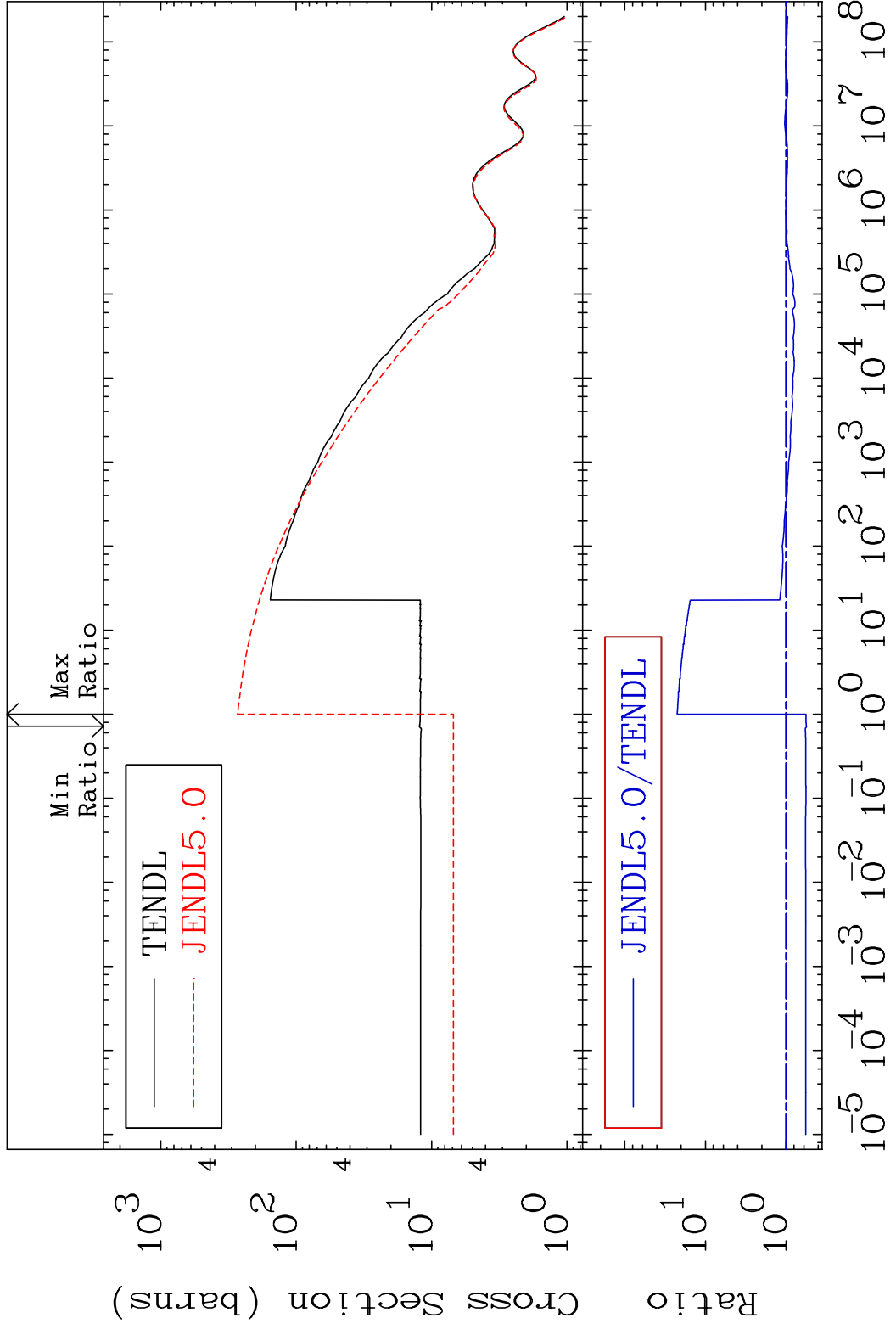
1

Incident Energy (eV)

65-Tb-155

MAT 6513

Elastic Cross Section -43.90 To 2138. %
65-Tb-155



65-Tb-155

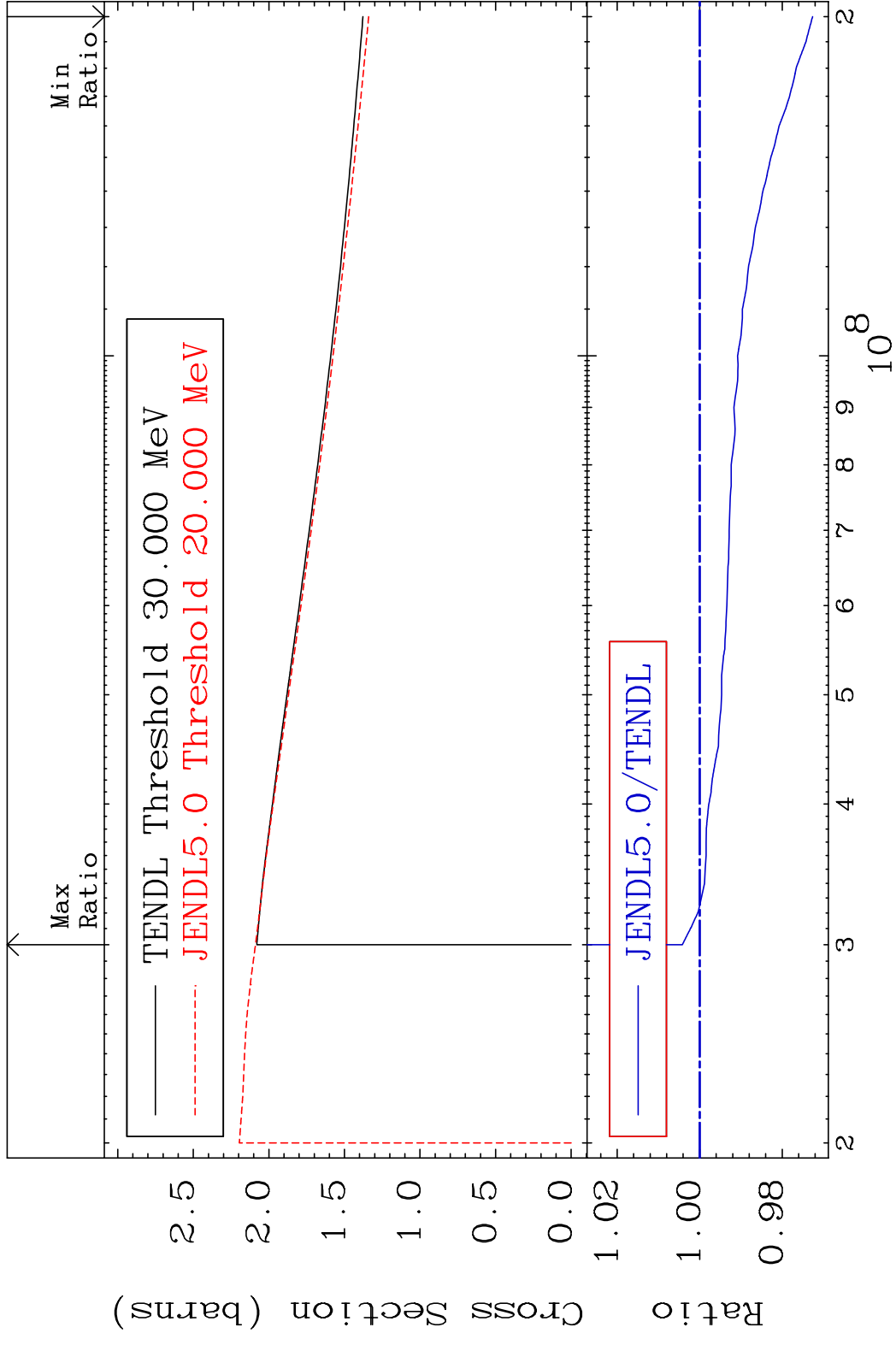
Incident Energy (eV)

MAT 6513

(n, remainder)

65-Tb-155

Cross Section -2.735 To 0.420 %



4

Incident Energy (eV)

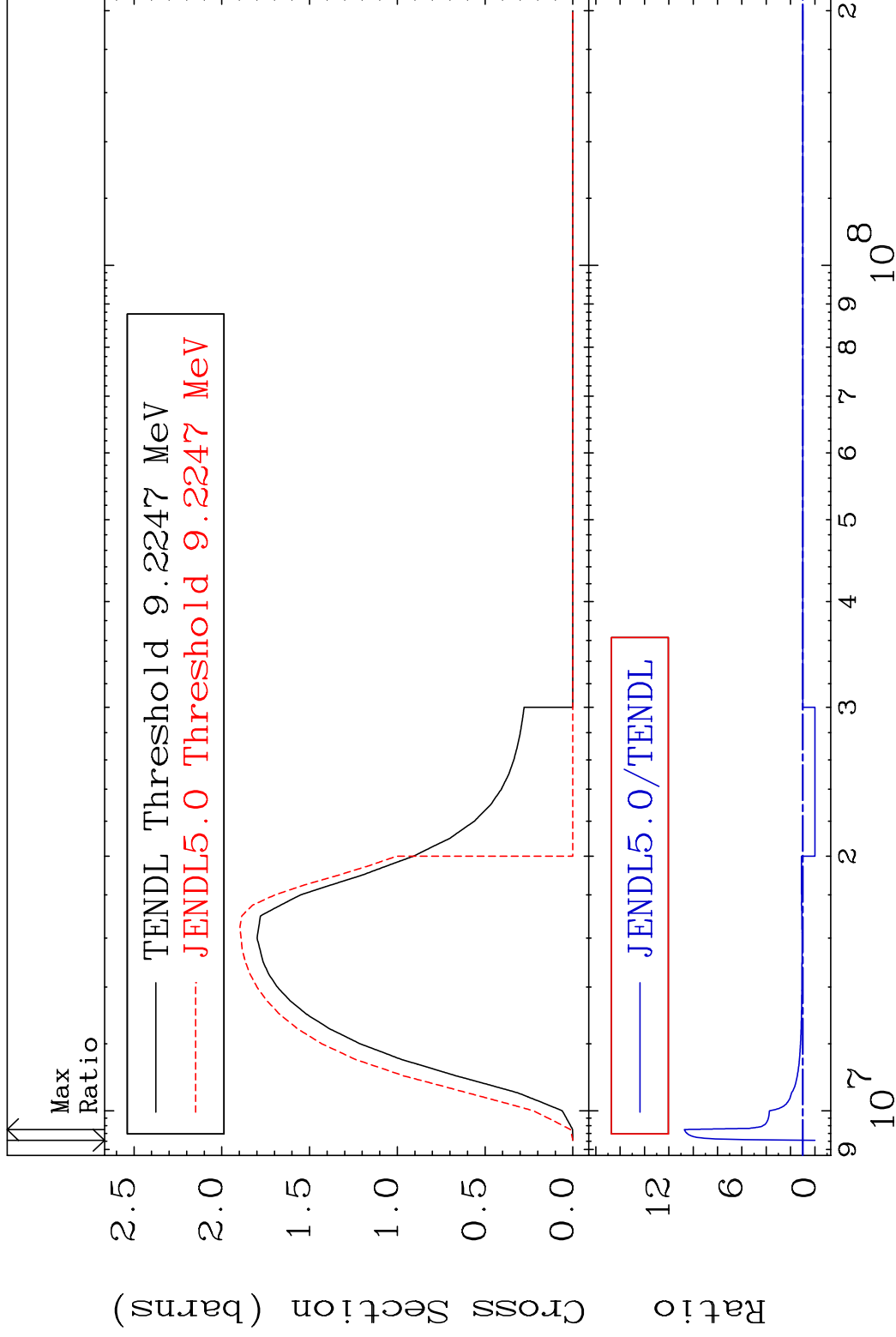
65-Tb-155

MAT 6513

(n,2n)

65-Tb-155

Cross Section -100.0 To 972.7 %

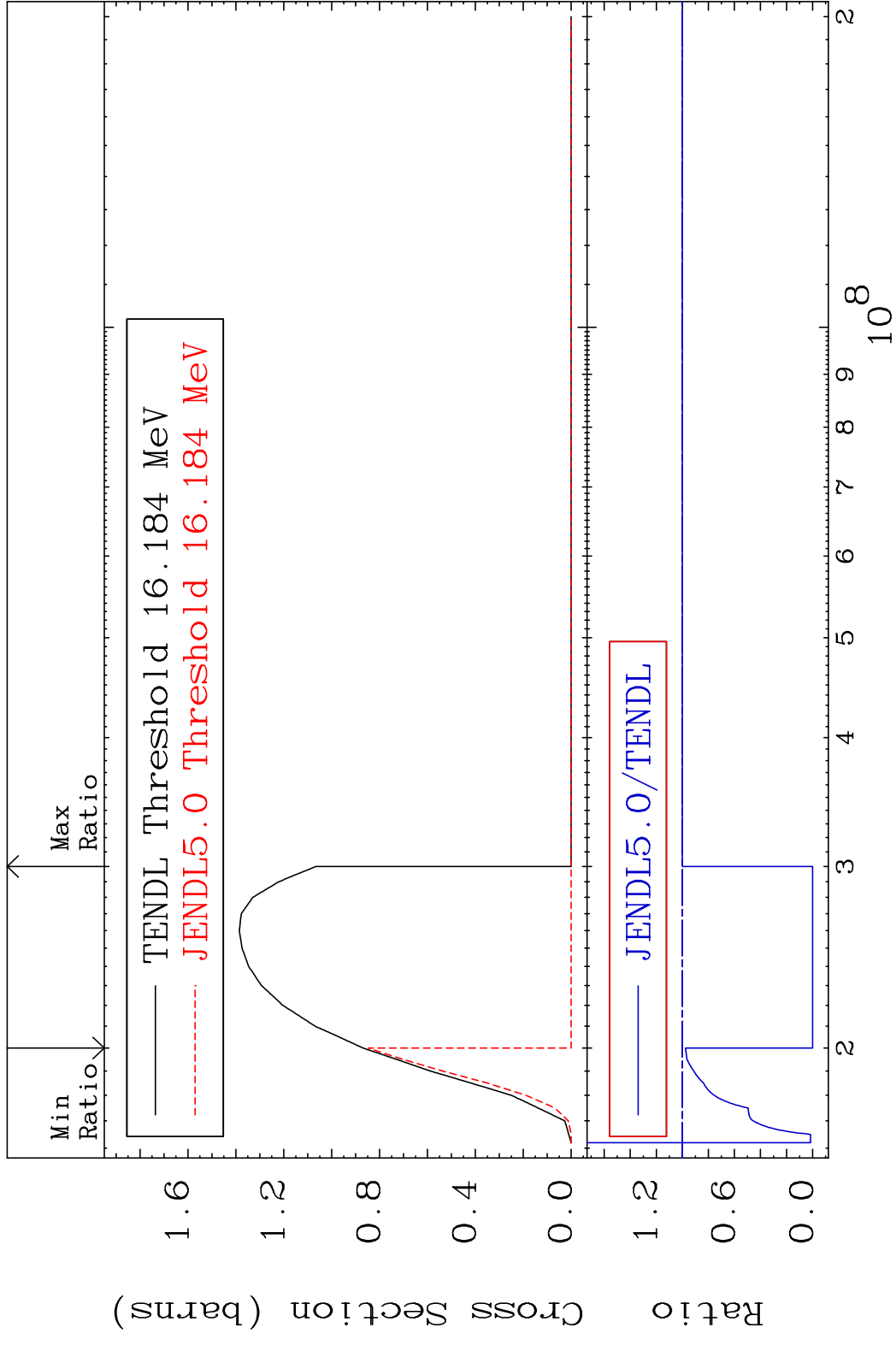


5

Incident Energy (eV)

65-Tb-155

MAT 6513 (n,3n) 65-Tb-155
 Cross Section -100.0 To 0.000 %

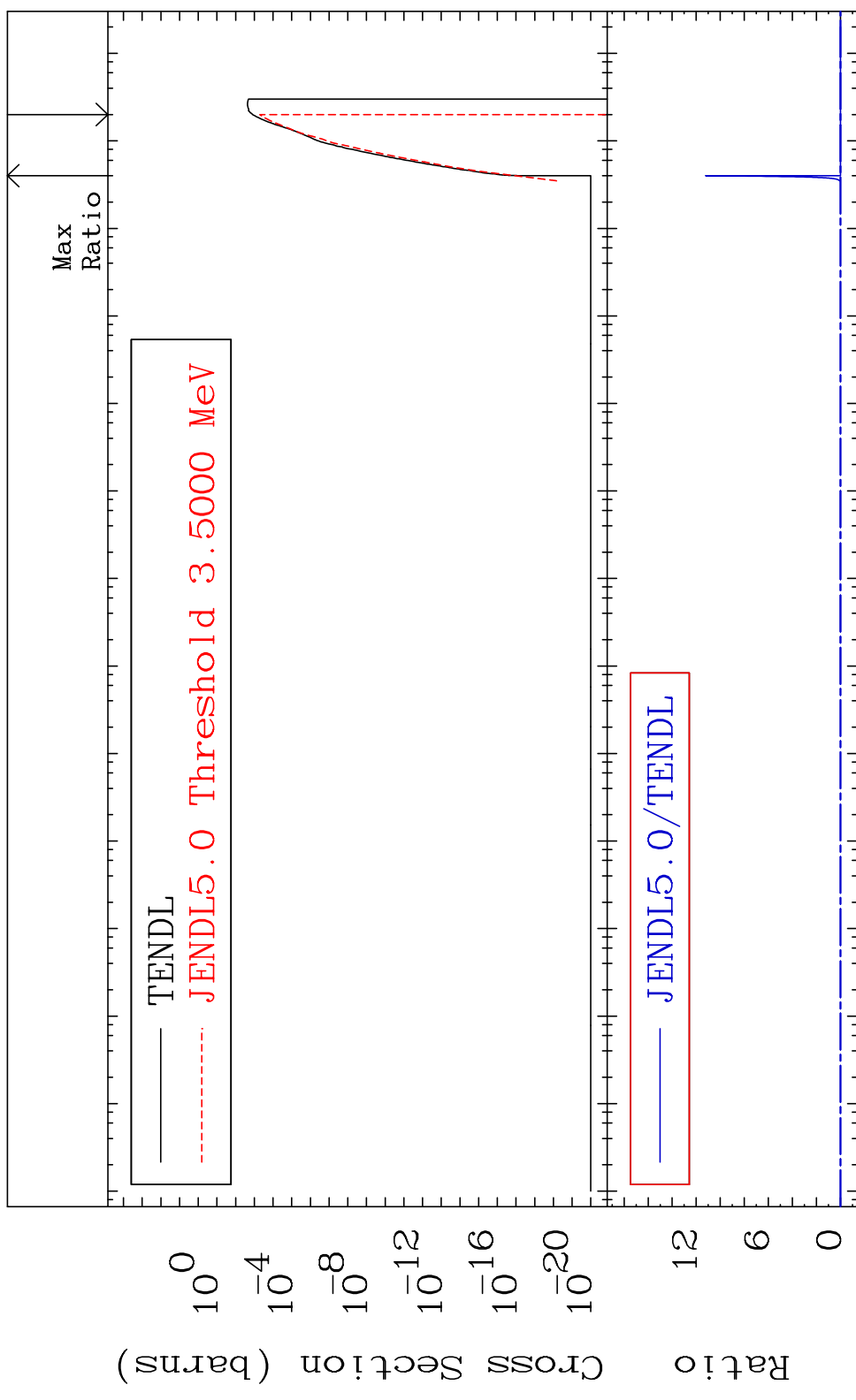


MAT 6513

(n, n') α

65-Tb-155

Cross Section -100.0 To 9999. %

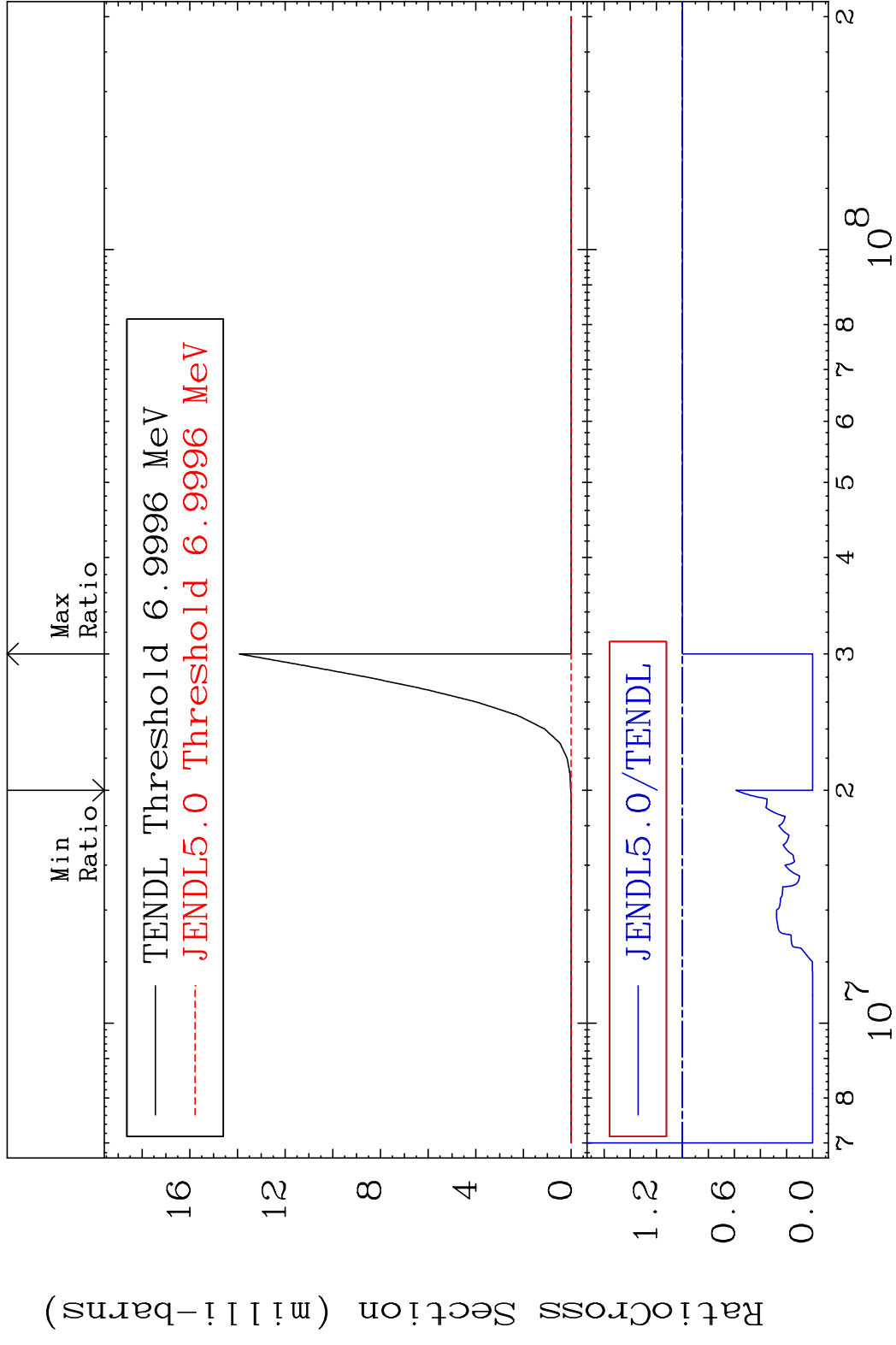


7

Incident Energy (eV)

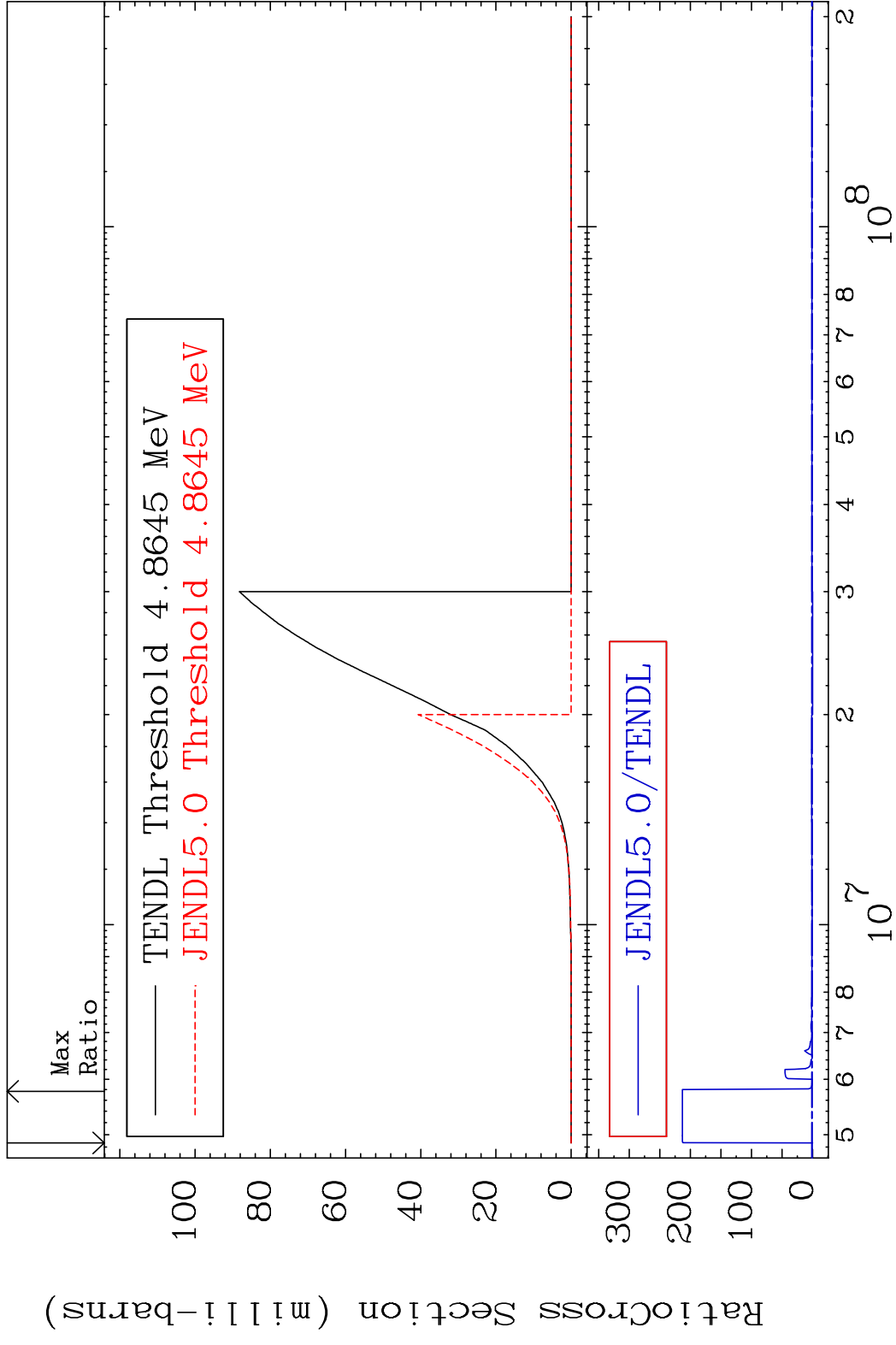
65-Tb-155

MAT 6513 (n,2n) α 65-Tb-155
 Cross Section -100.0 To 0.000 %

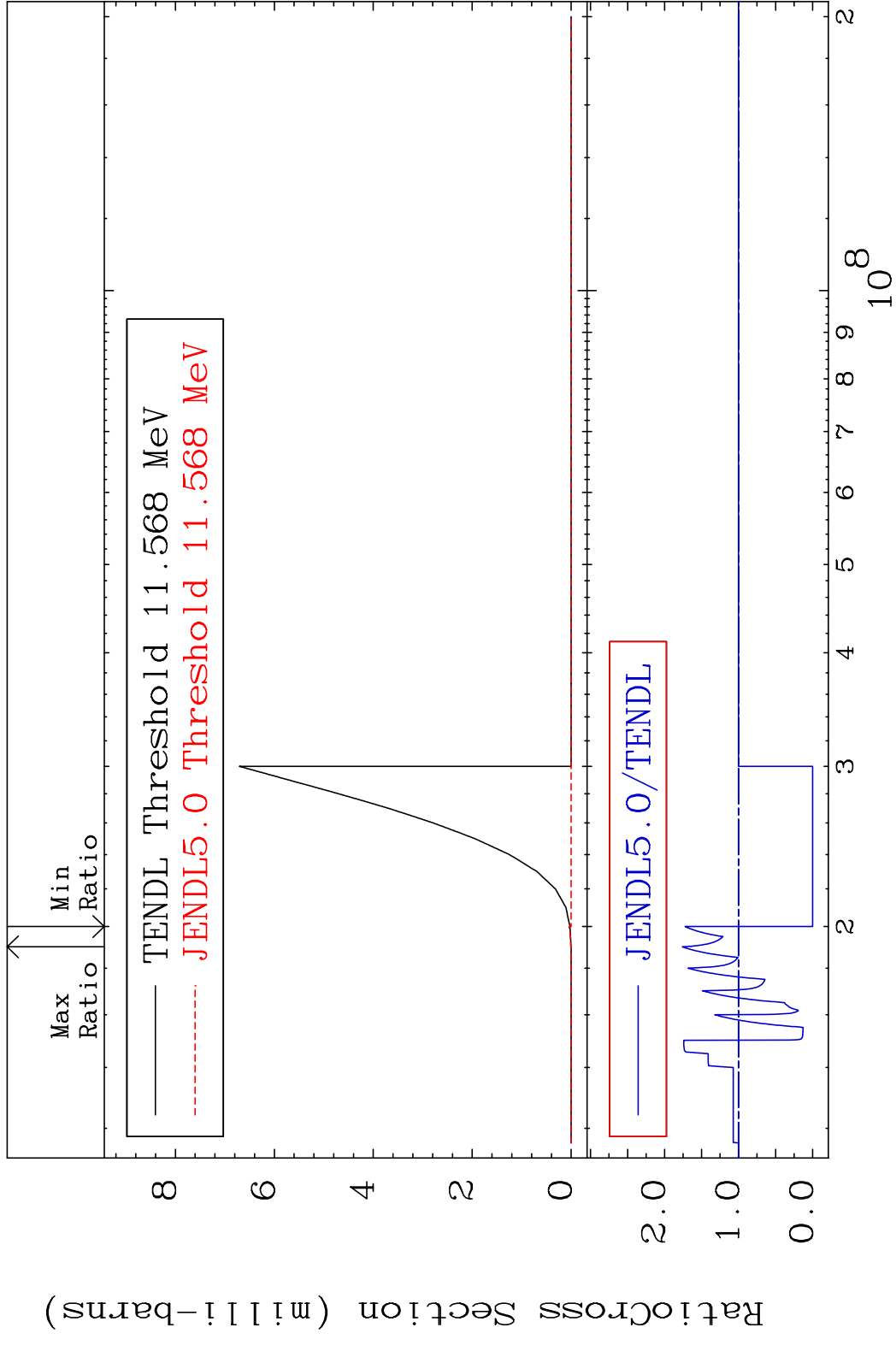


8 Incident Energy (eV) 65-Tb-155

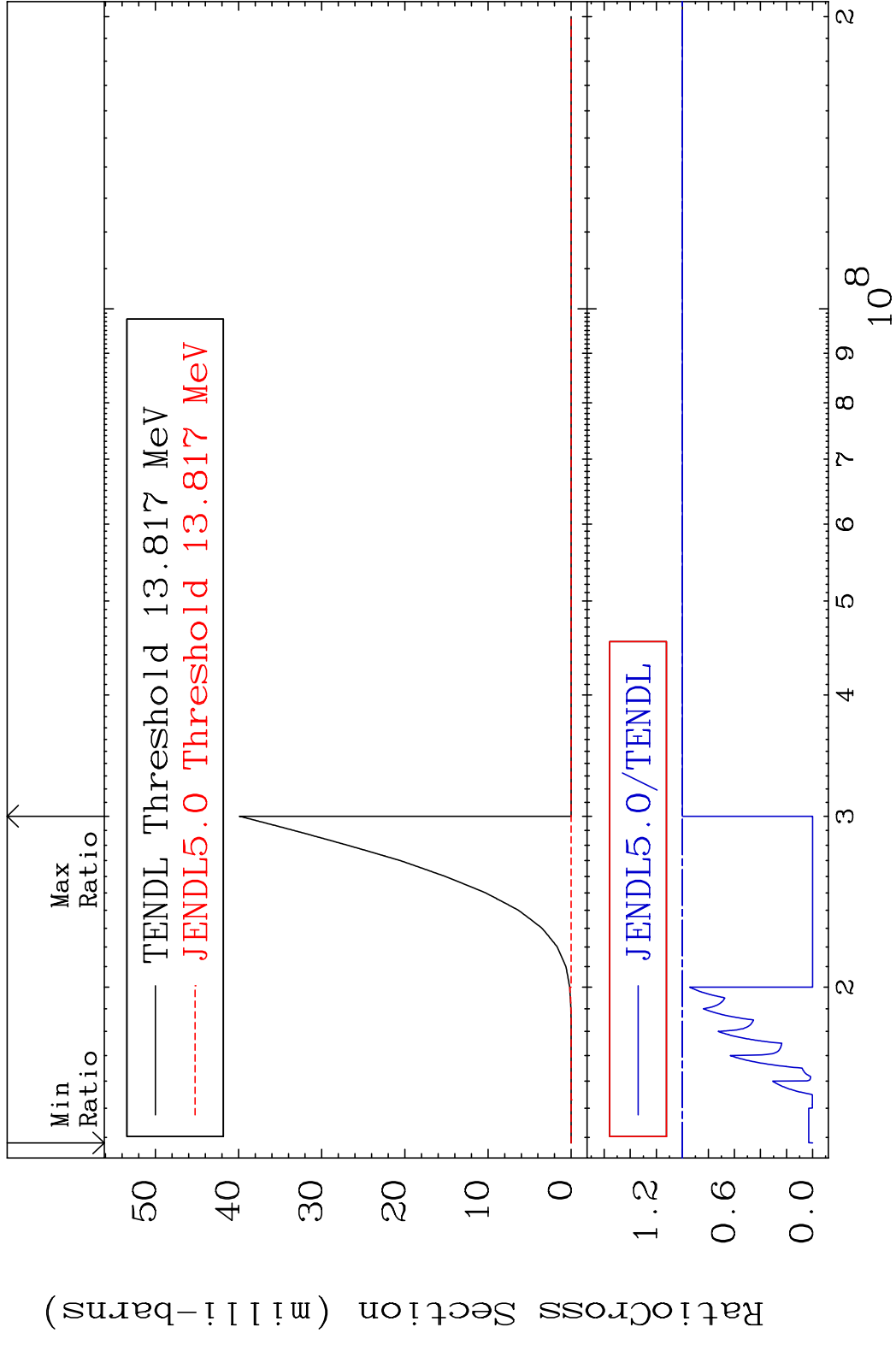
MAT 6513 (n, n') p 65-Tb-155
 Cross Section -100.0 To 9999. %



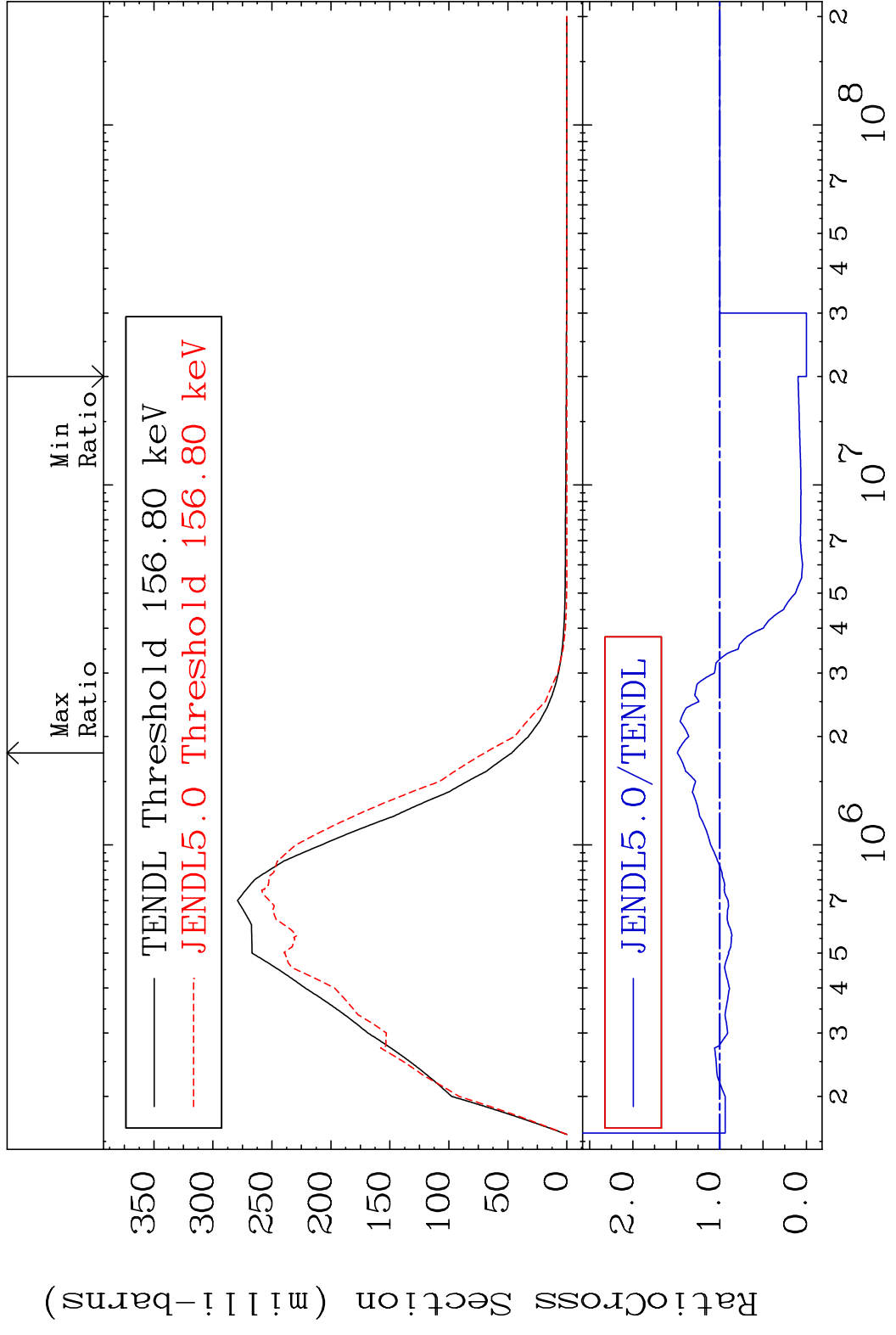
MAT 6513 (n, n') t 65-Tb-155
 Cross Section -100.0 To 75.96 %



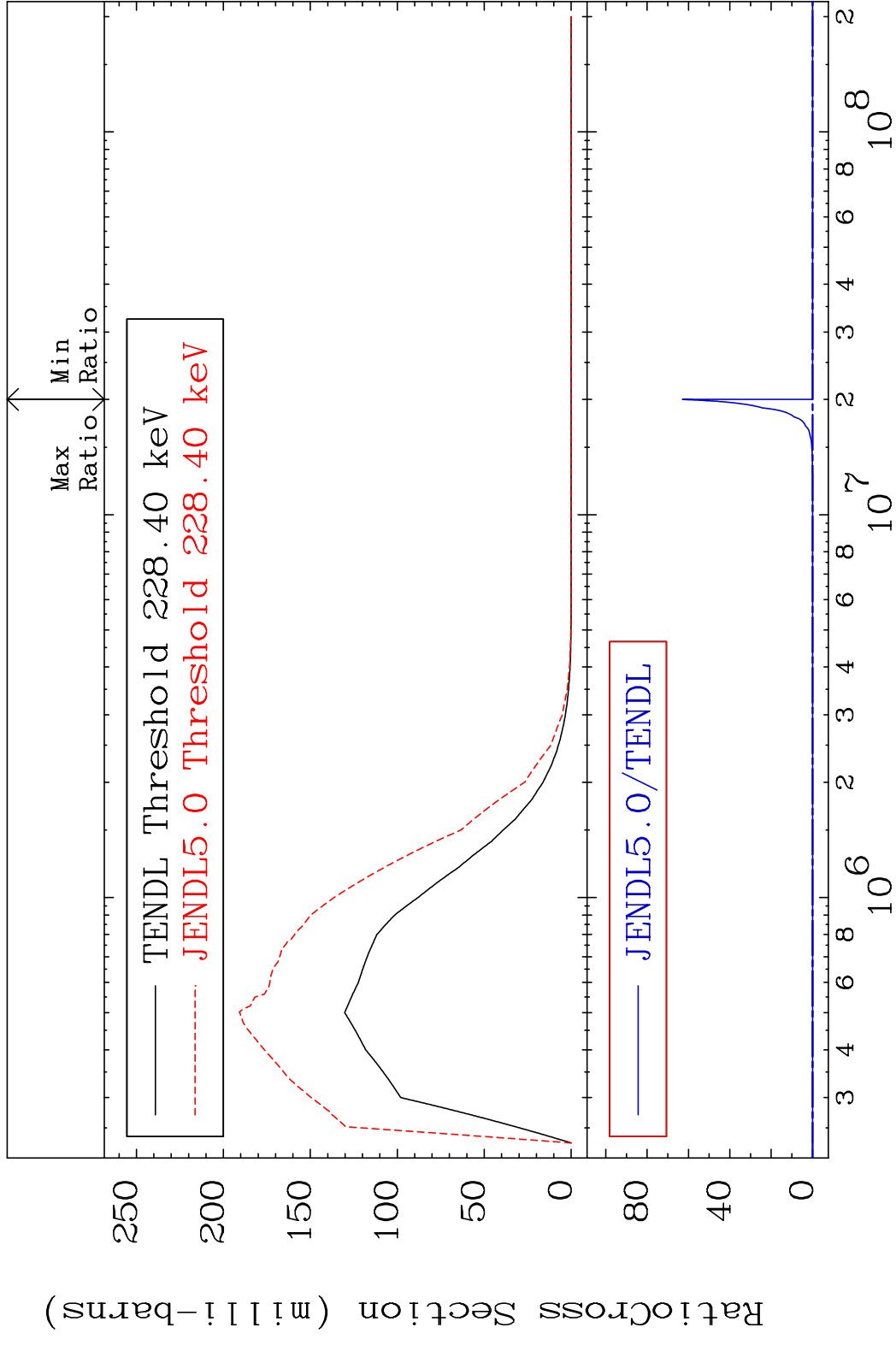
MAT 6513 (n,2n) p 65-Tb-155
 Cross Section -100.0 To 0.000 %



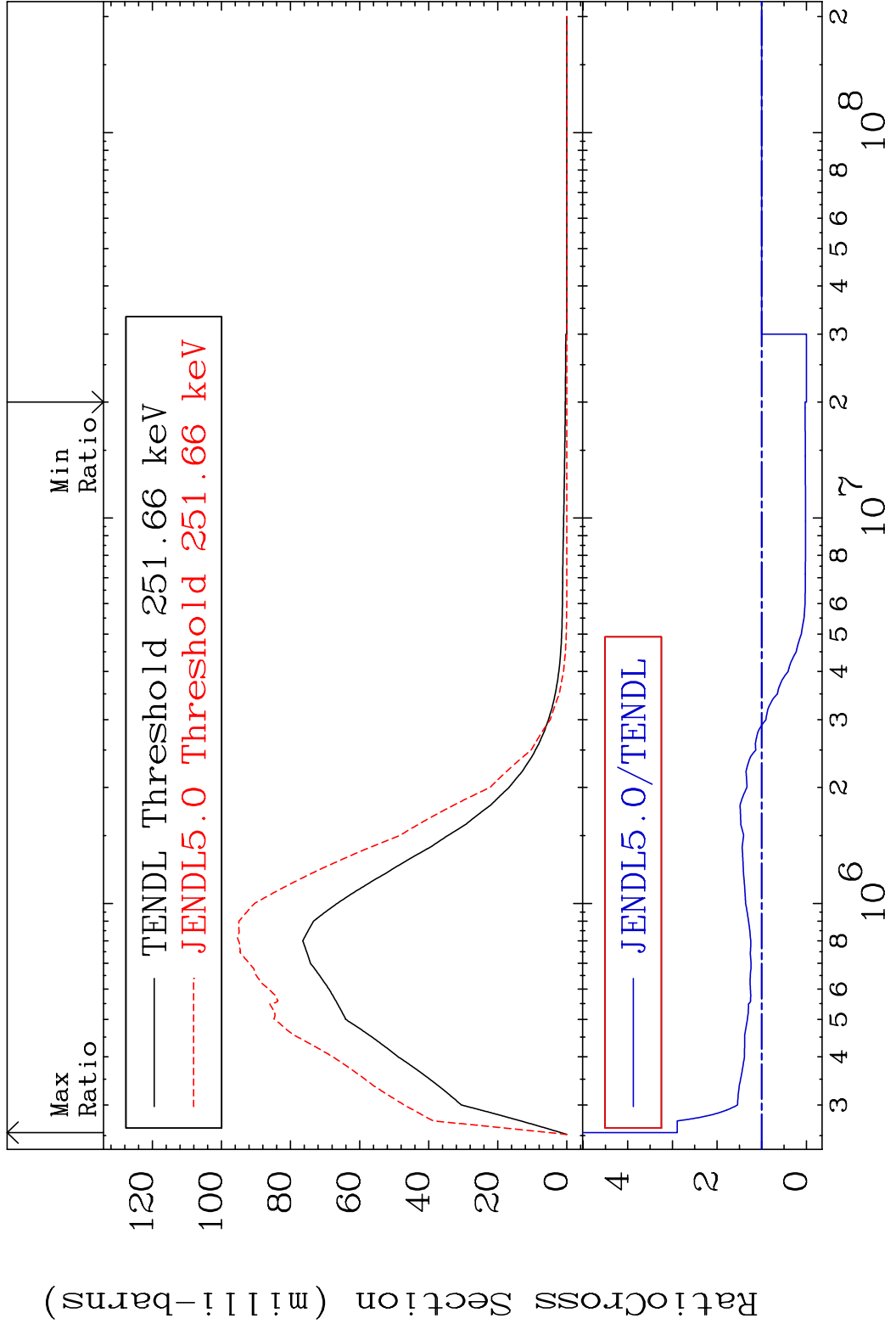
MAT 6513 MT= 52 (n,n') Level 65-Tb-155
 Cross Section -100.0 To 49.00 %



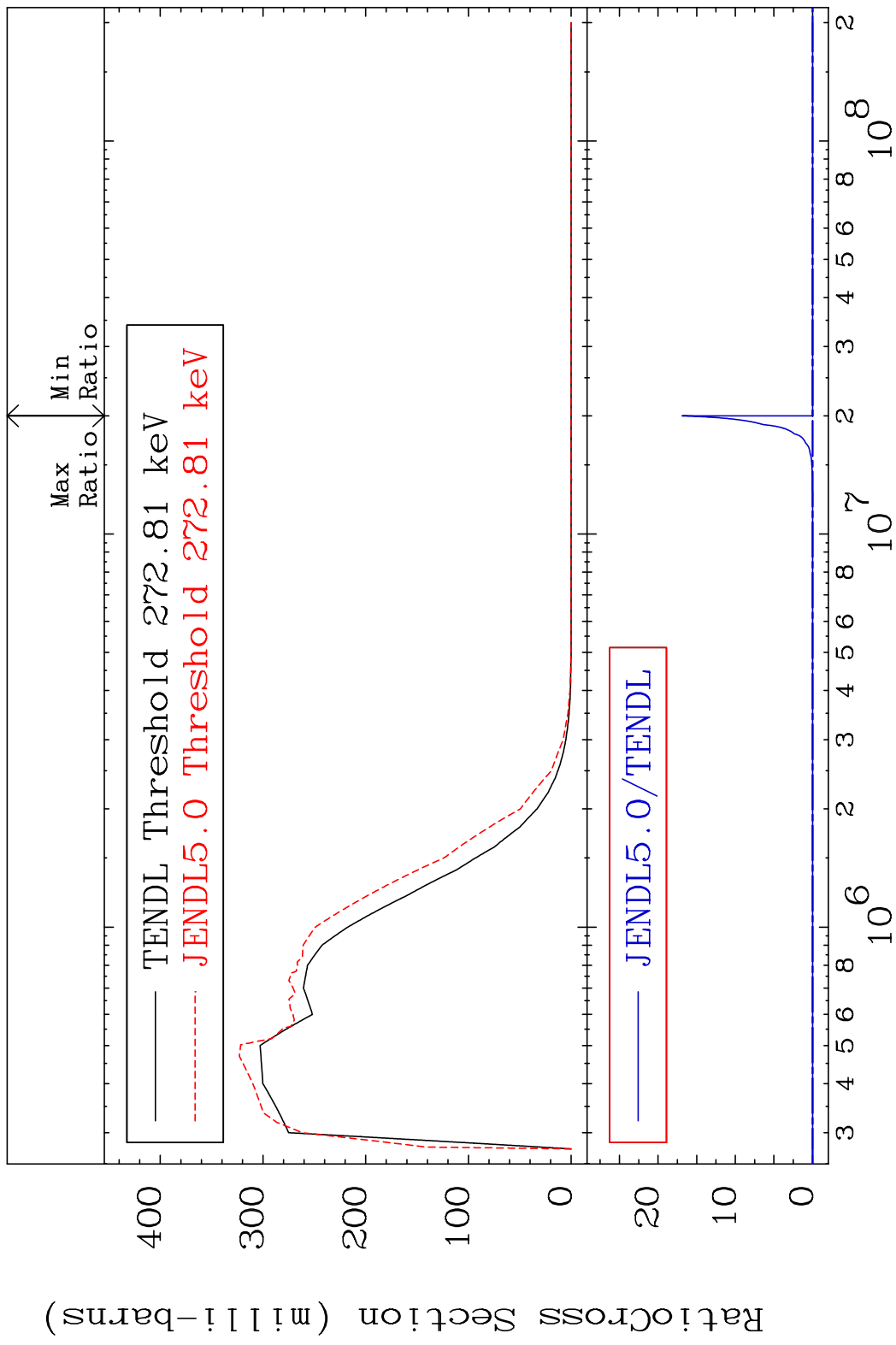
MAT 6513 MT= 53 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 9999. %



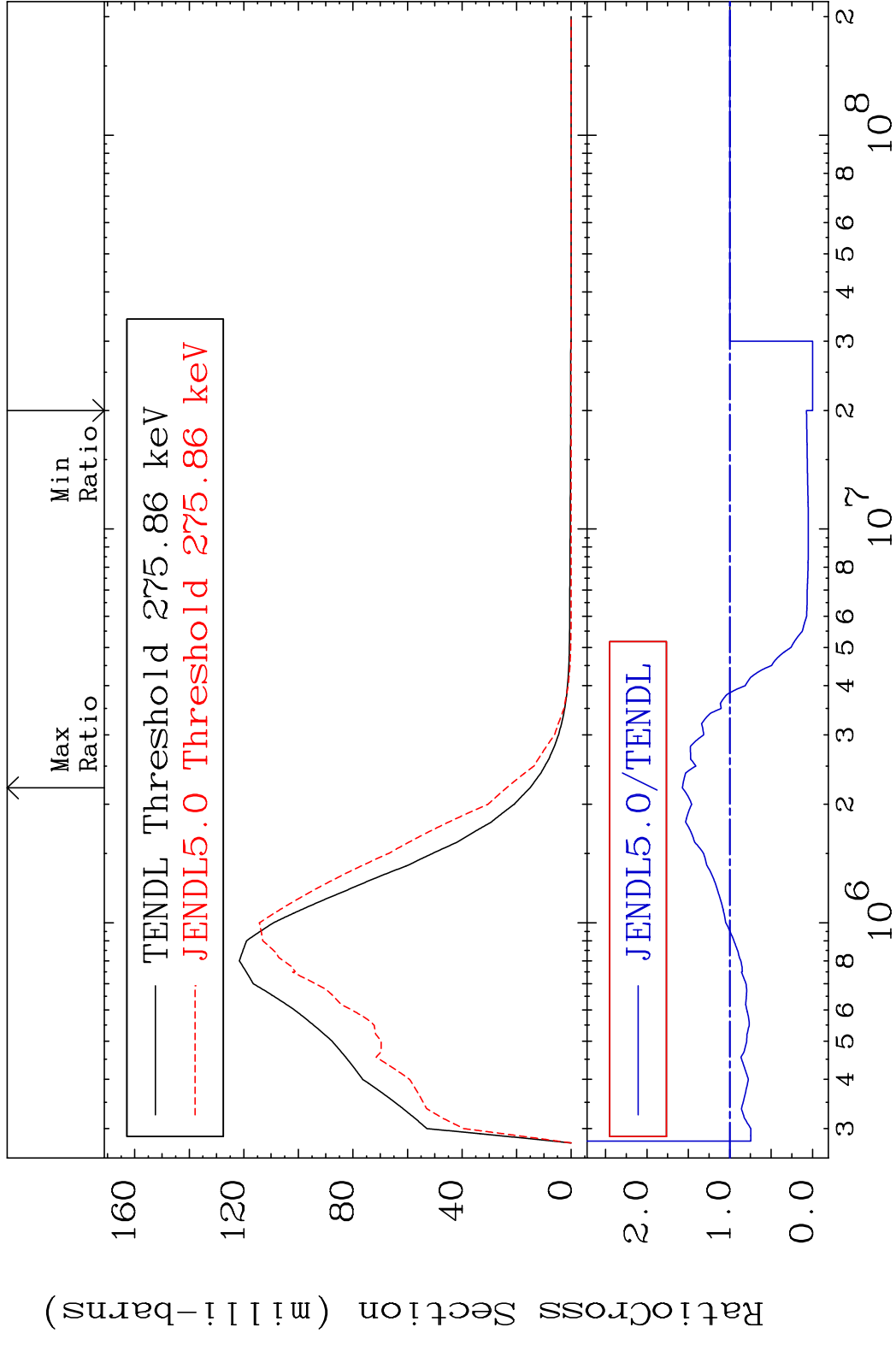
MAT 6513 MT= 54 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 189.2 %



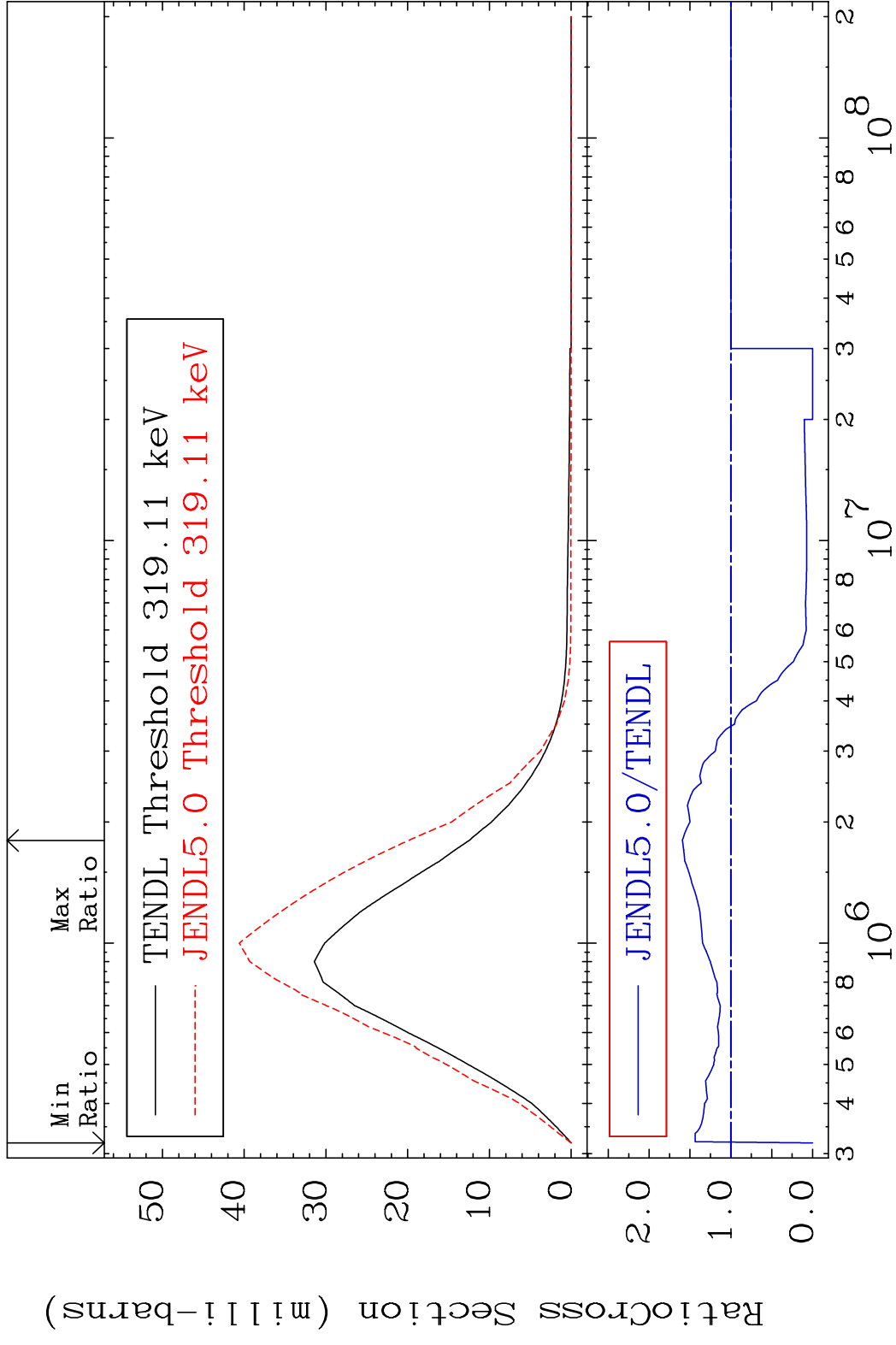
MAT 6513 MT= 55 (n,n') Level 65-Tb-155
 Cross Section -100.0 To 9999. %



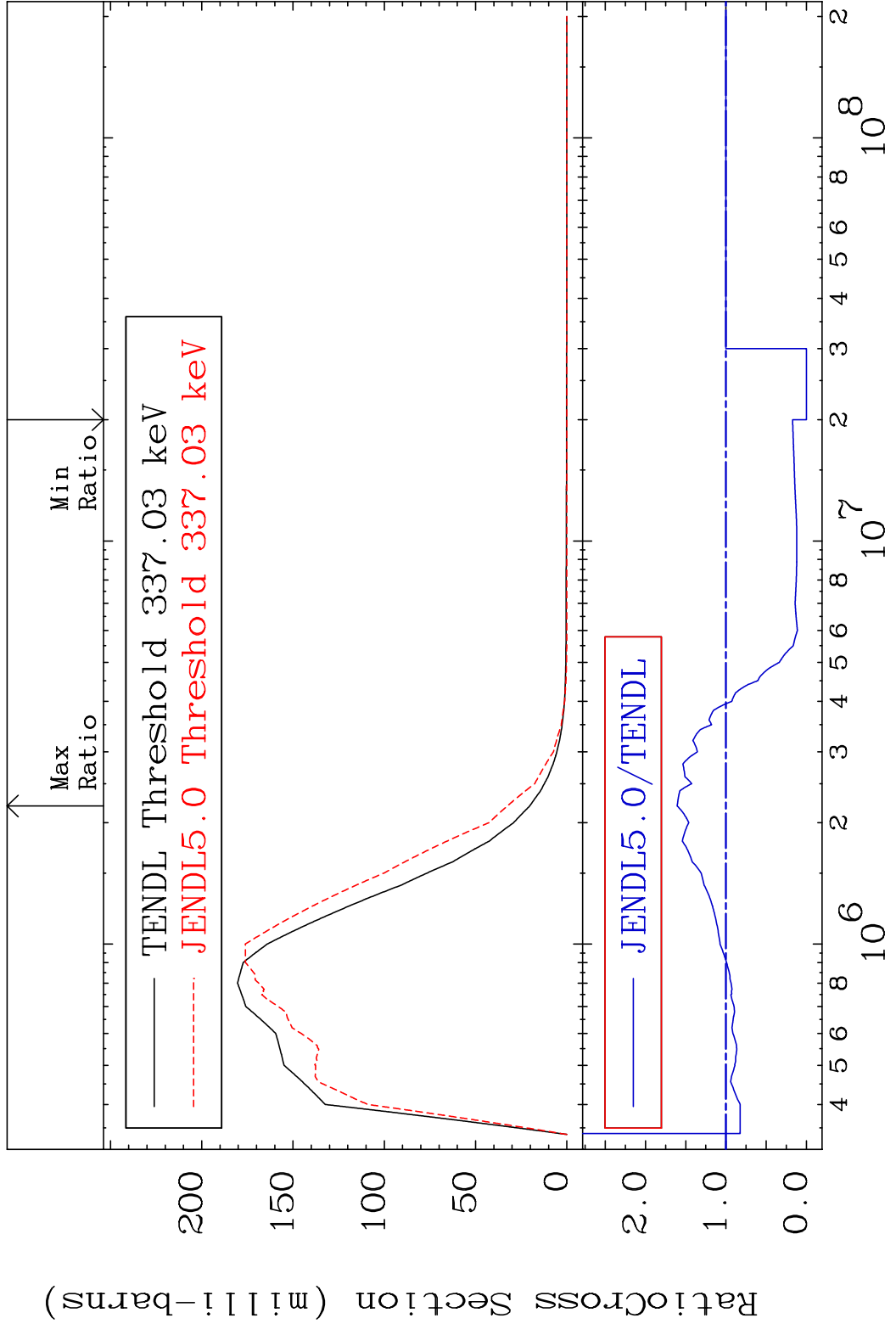
MAT 6513 MT= 56 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 57.26 %



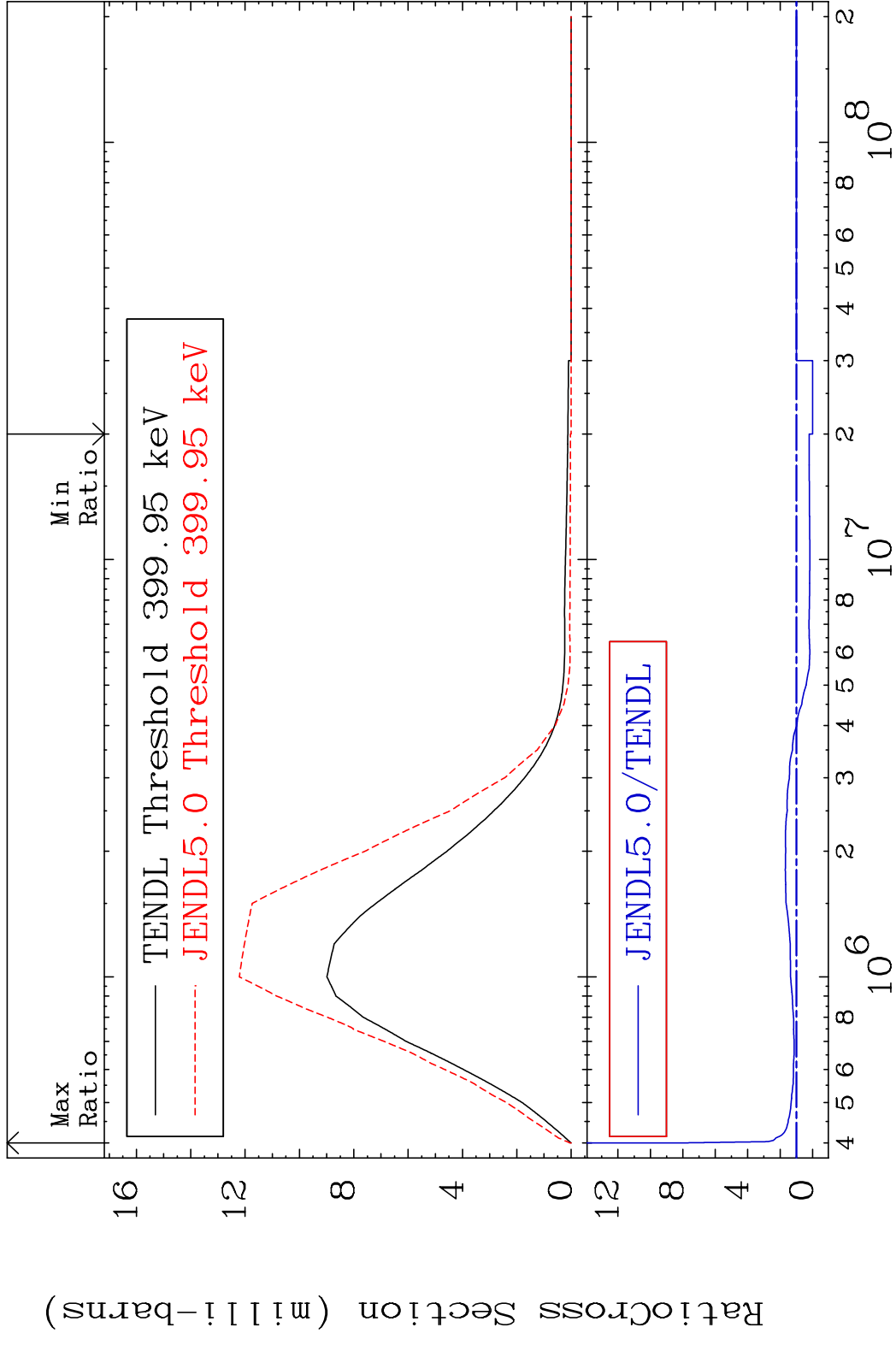
MAT 6513 MT= 57 (n,n') Level 65-Tb-155
 Cross Section -100.0 To 59.36 %



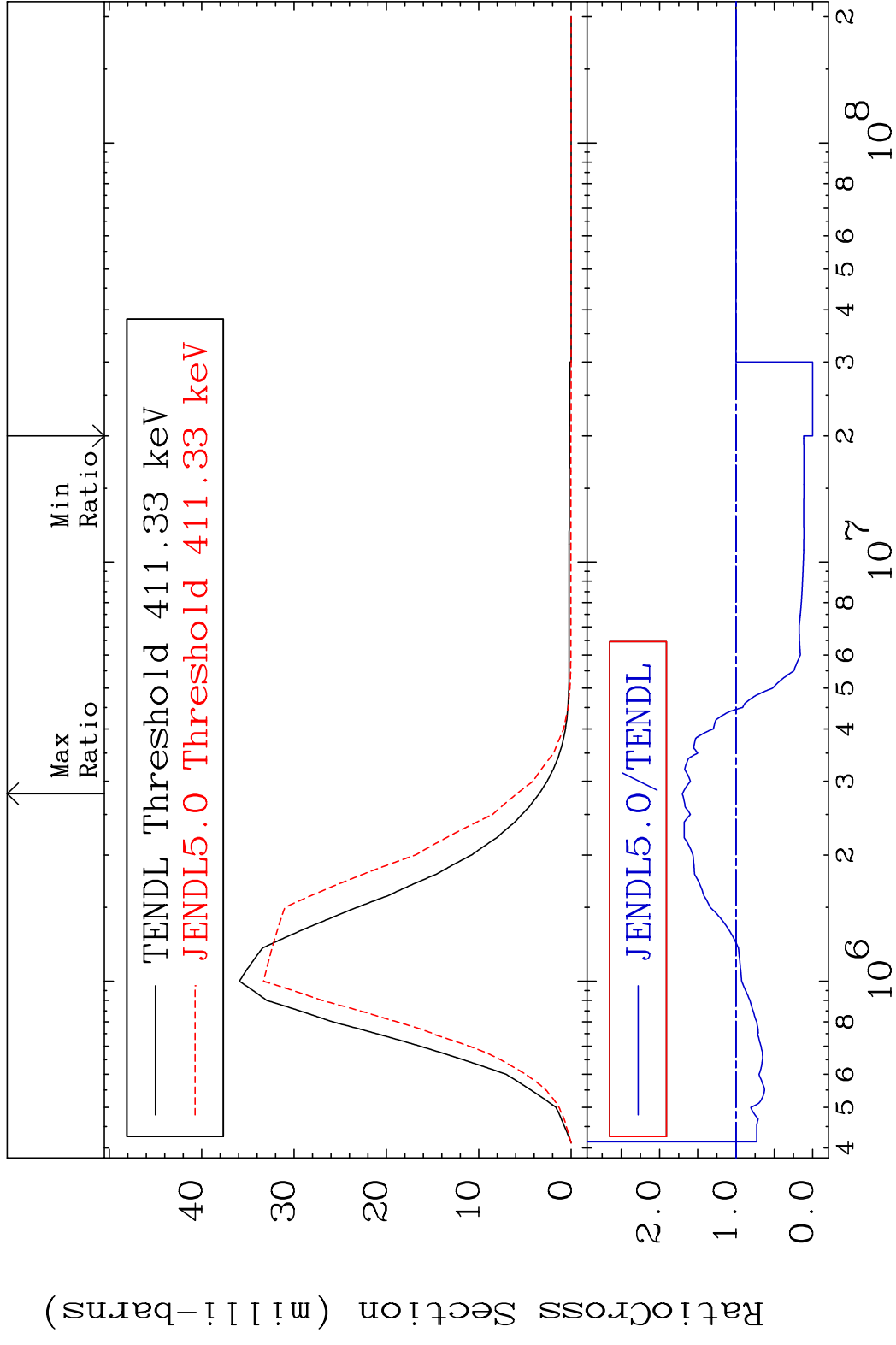
MAT 6513 MT= 58 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 60.62 %



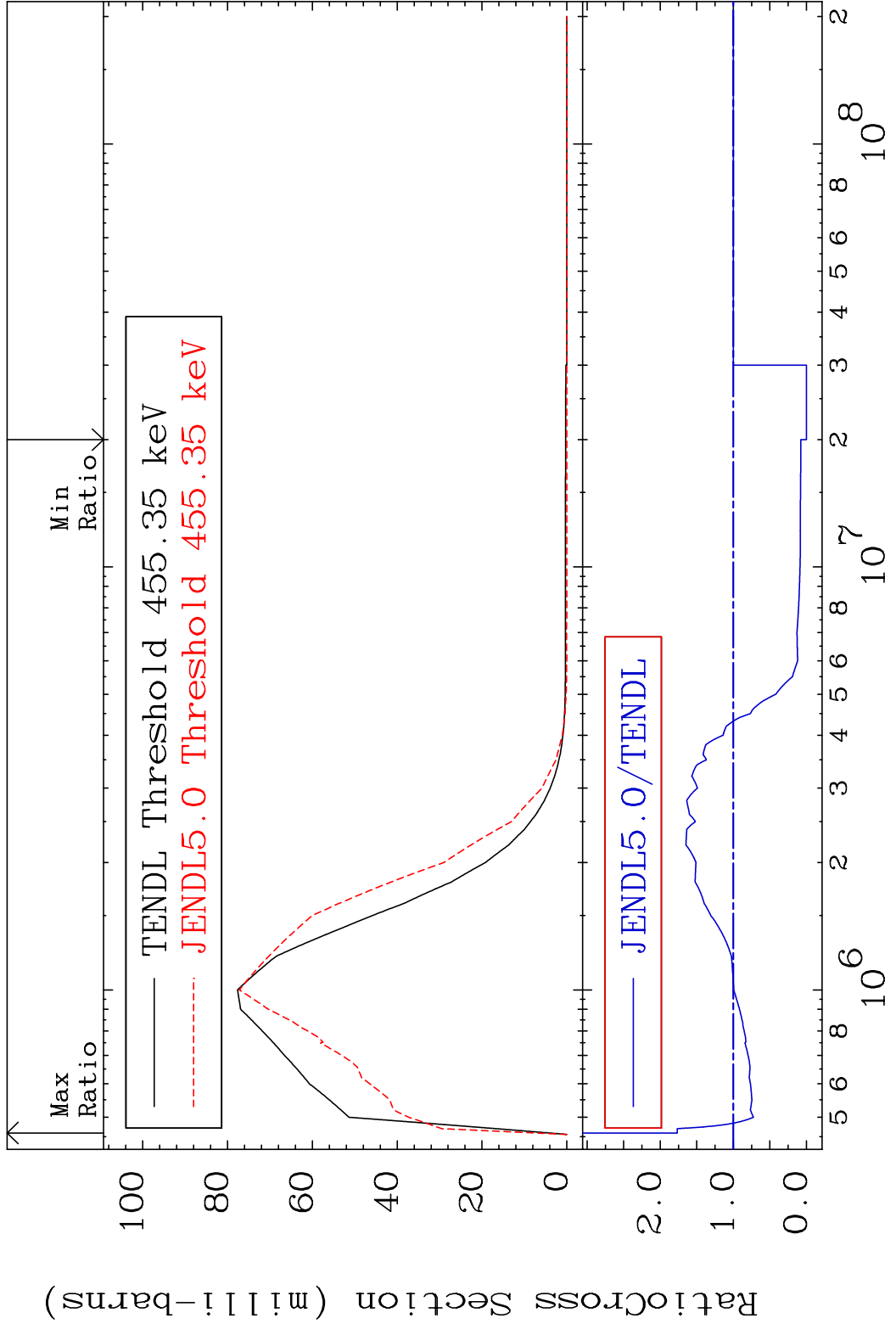
MAT 6513 MT= 59 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 702.8 %



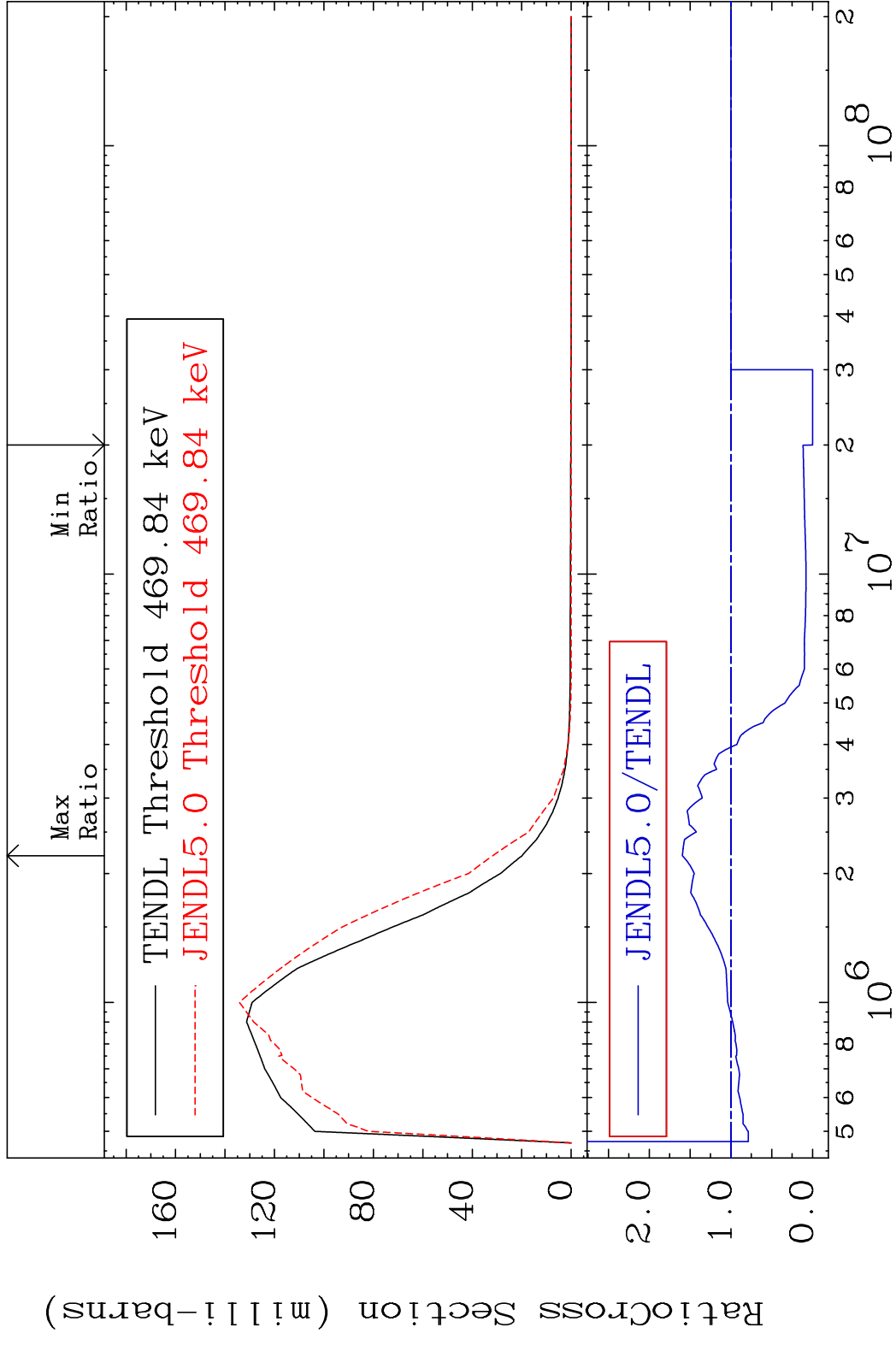
MAT 6513 MT= 60 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 70.14 %



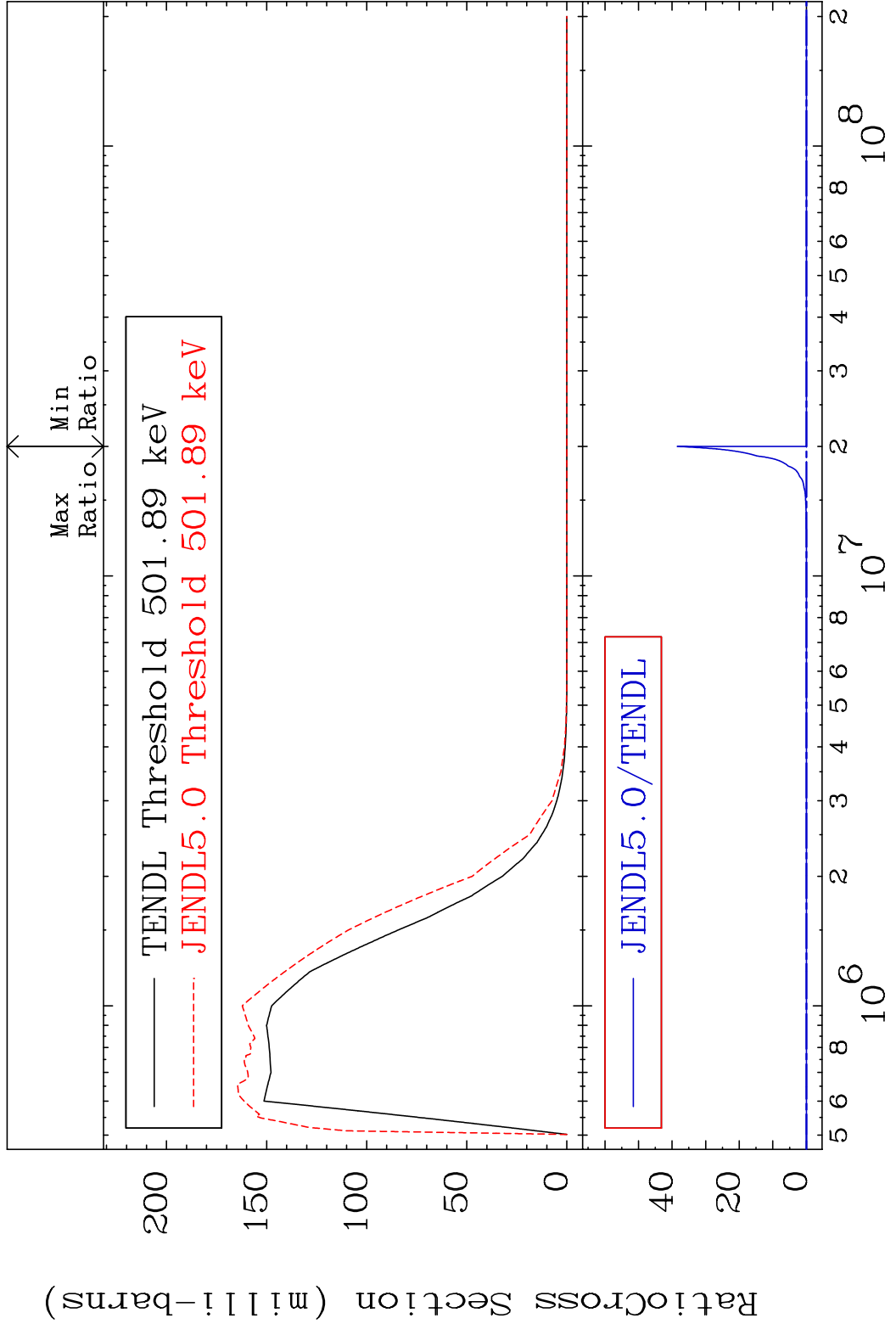
MAT 6513 MT= 61 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 76.78 %



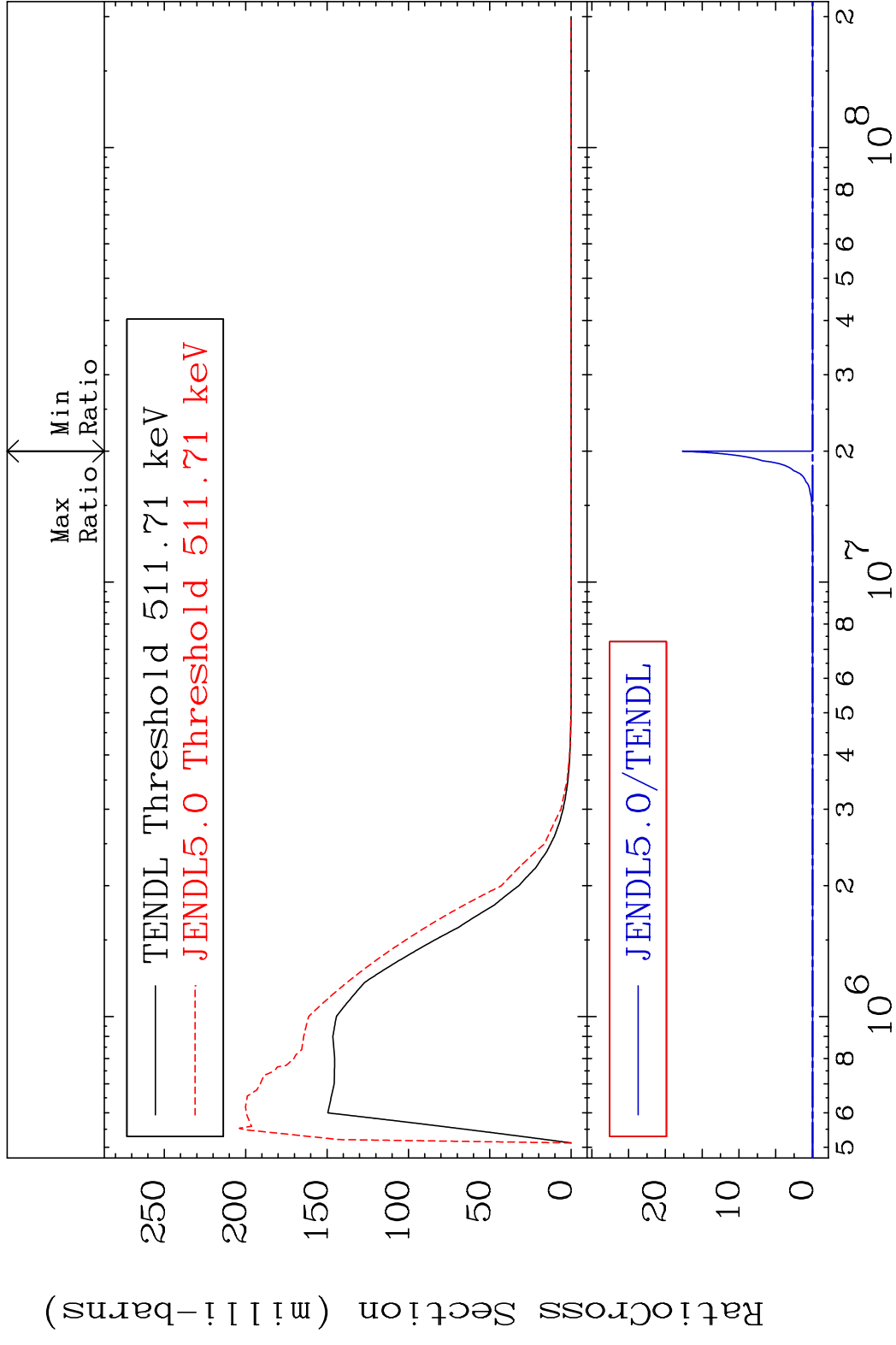
MAT 6513 MT= 62 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 59.51 %



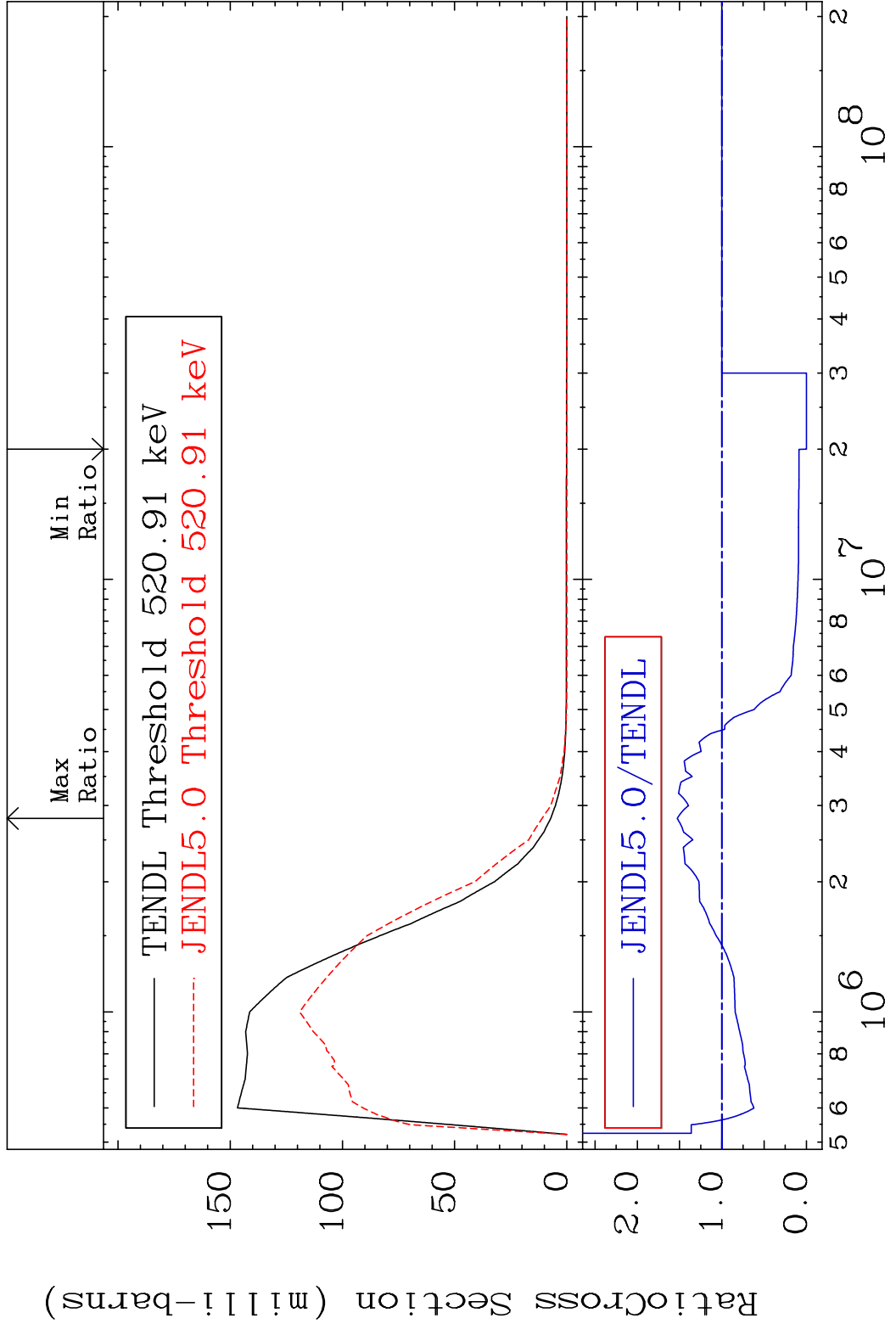
MAT 6513 MT= 63 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 9999. %



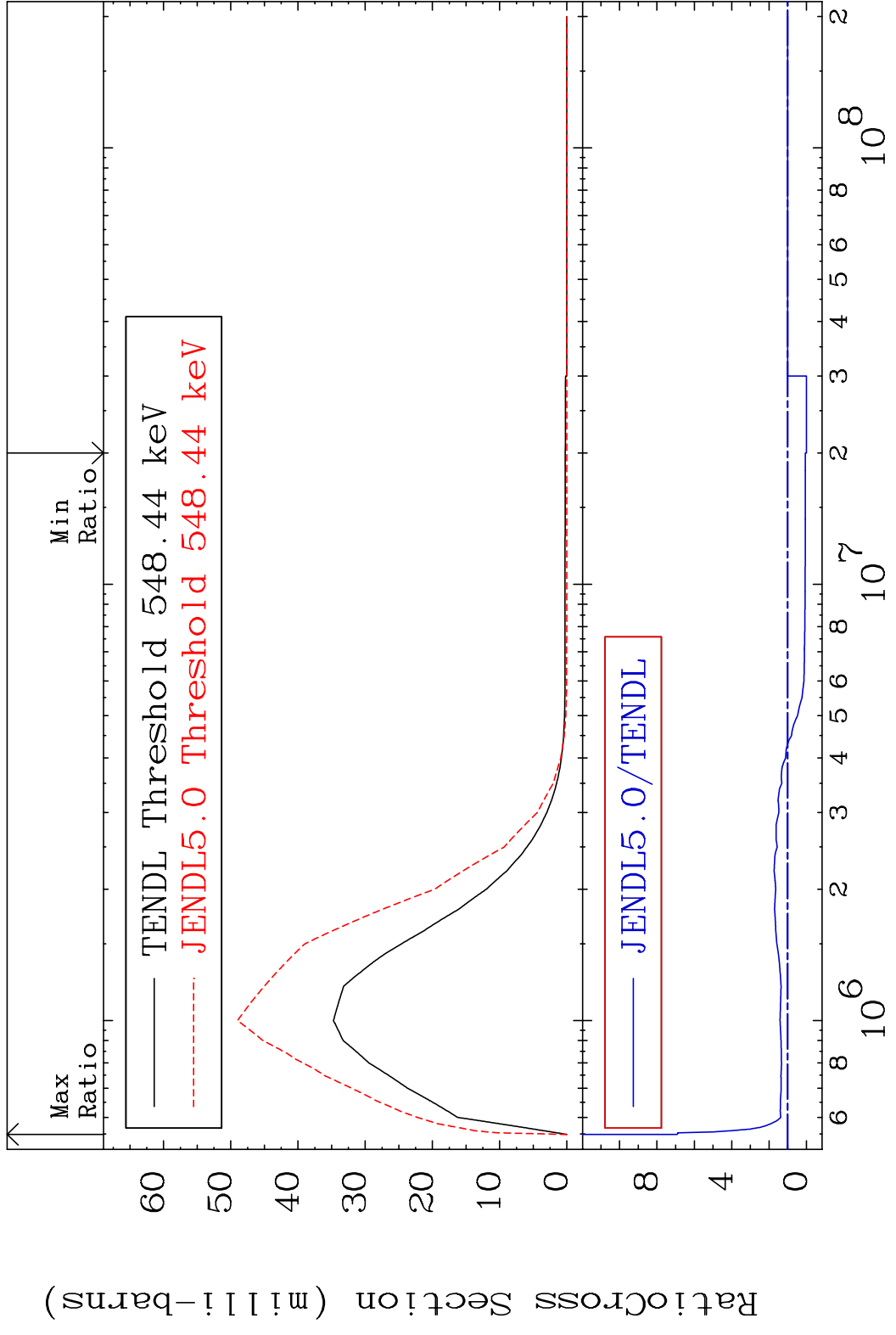
MAT 6513 MT= 64 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 9999. %



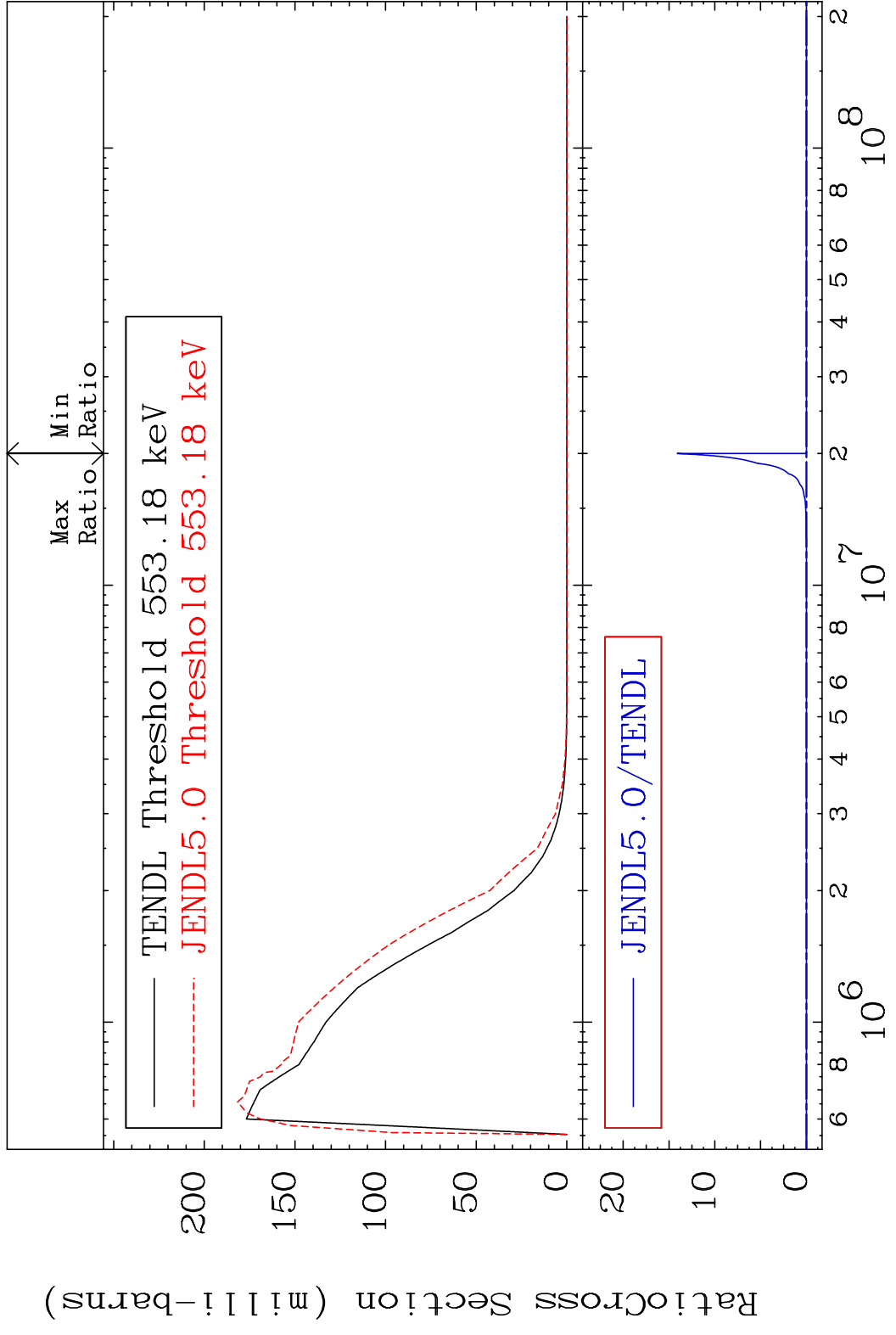
MAT 6513 MT= 65 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 52.84 %



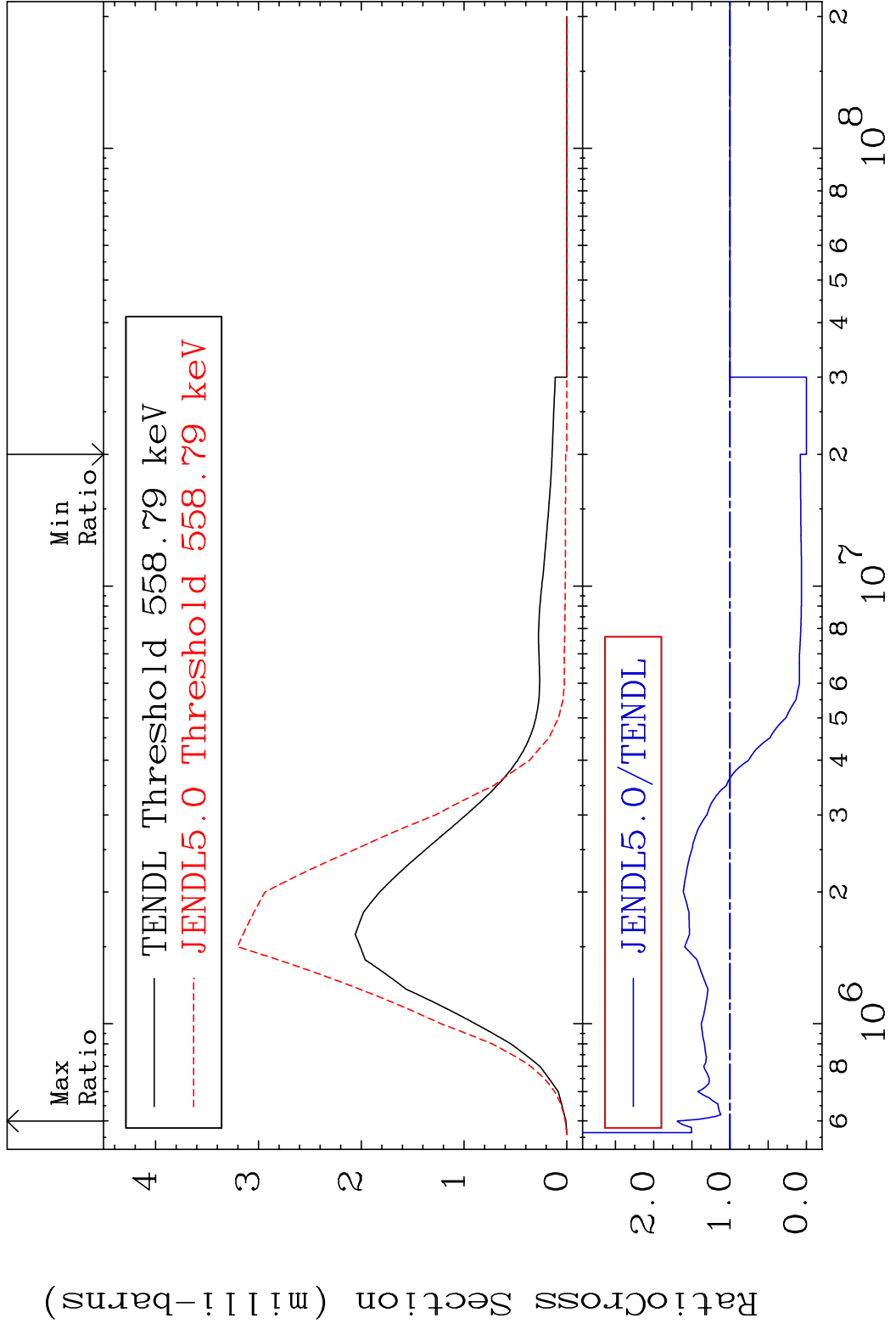
MAT 6513 MT= 66 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 591.7 %



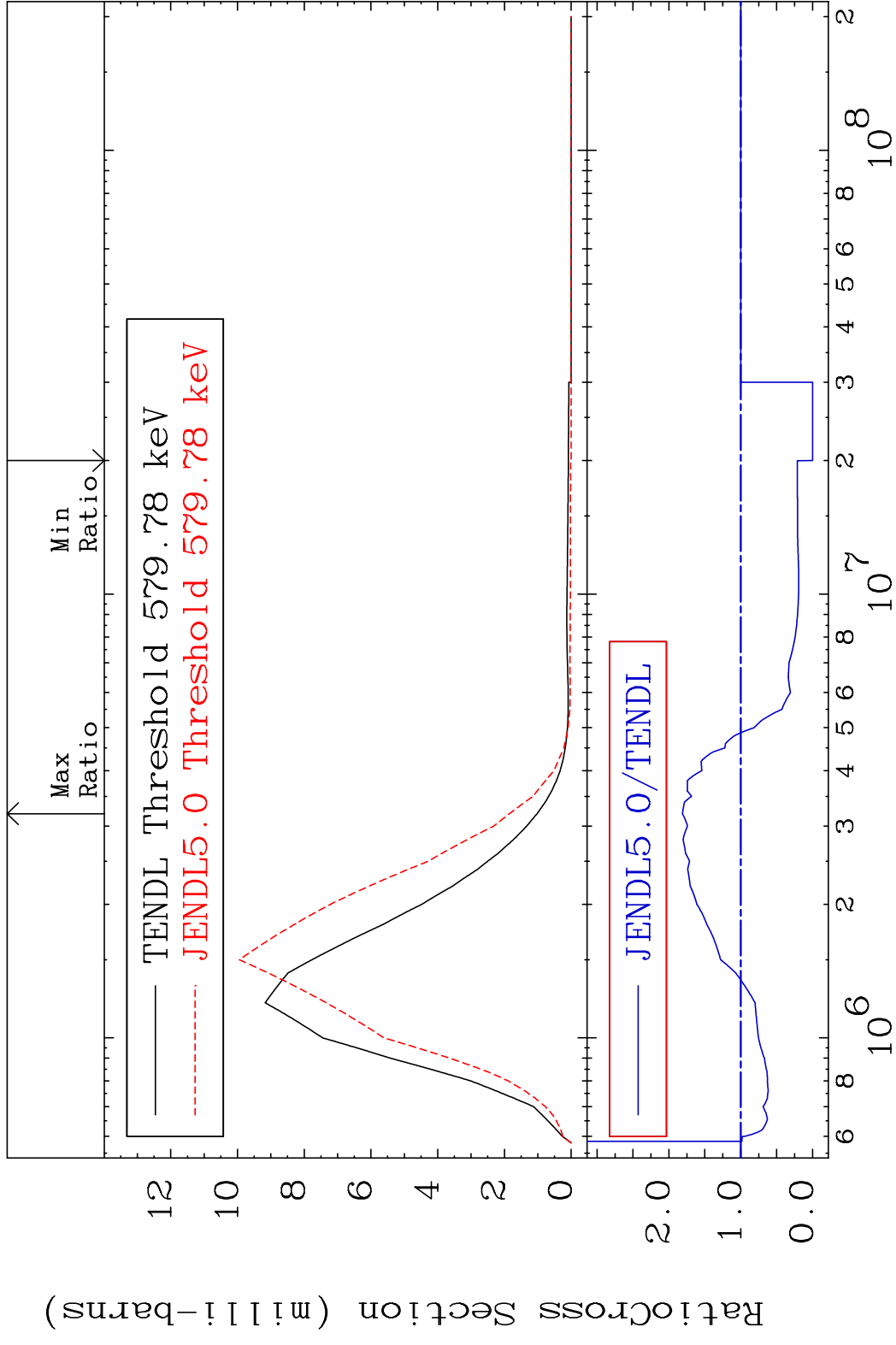
MAT 6513 MT= 67 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 9999. %



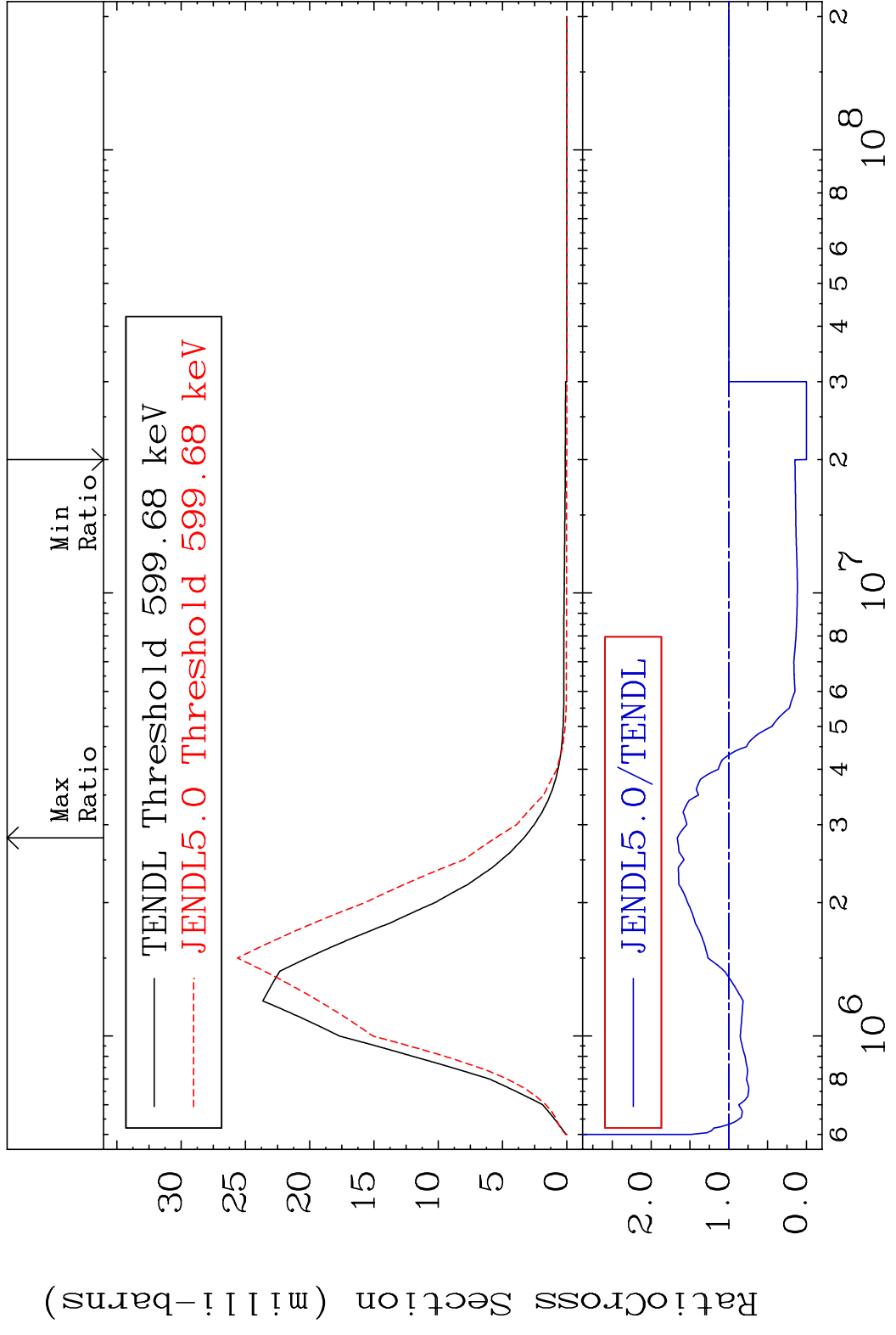
MAT 6513 MT= 68 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 69.19 %



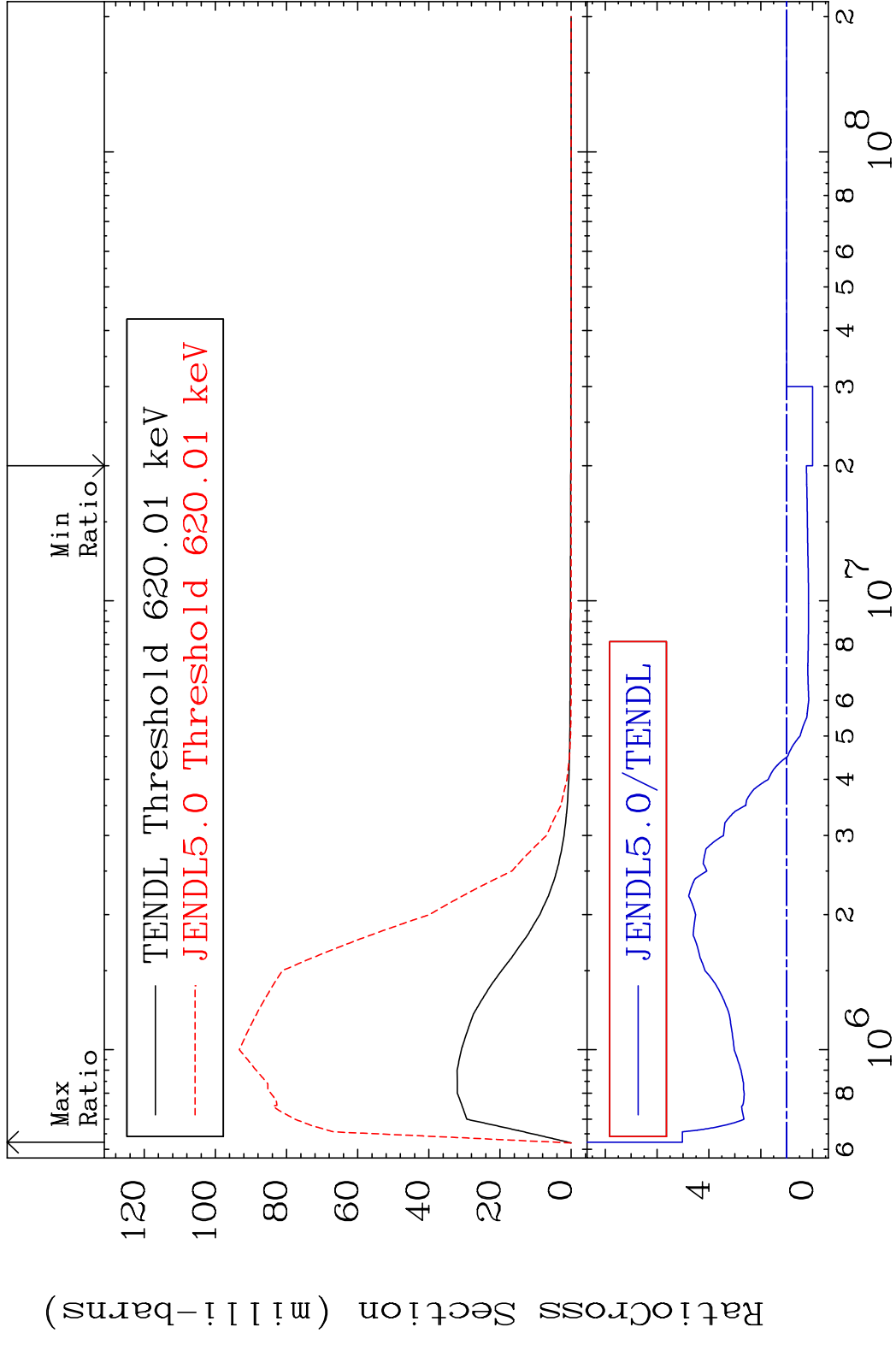
MAT 6513 MT= 69 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 81.29 %



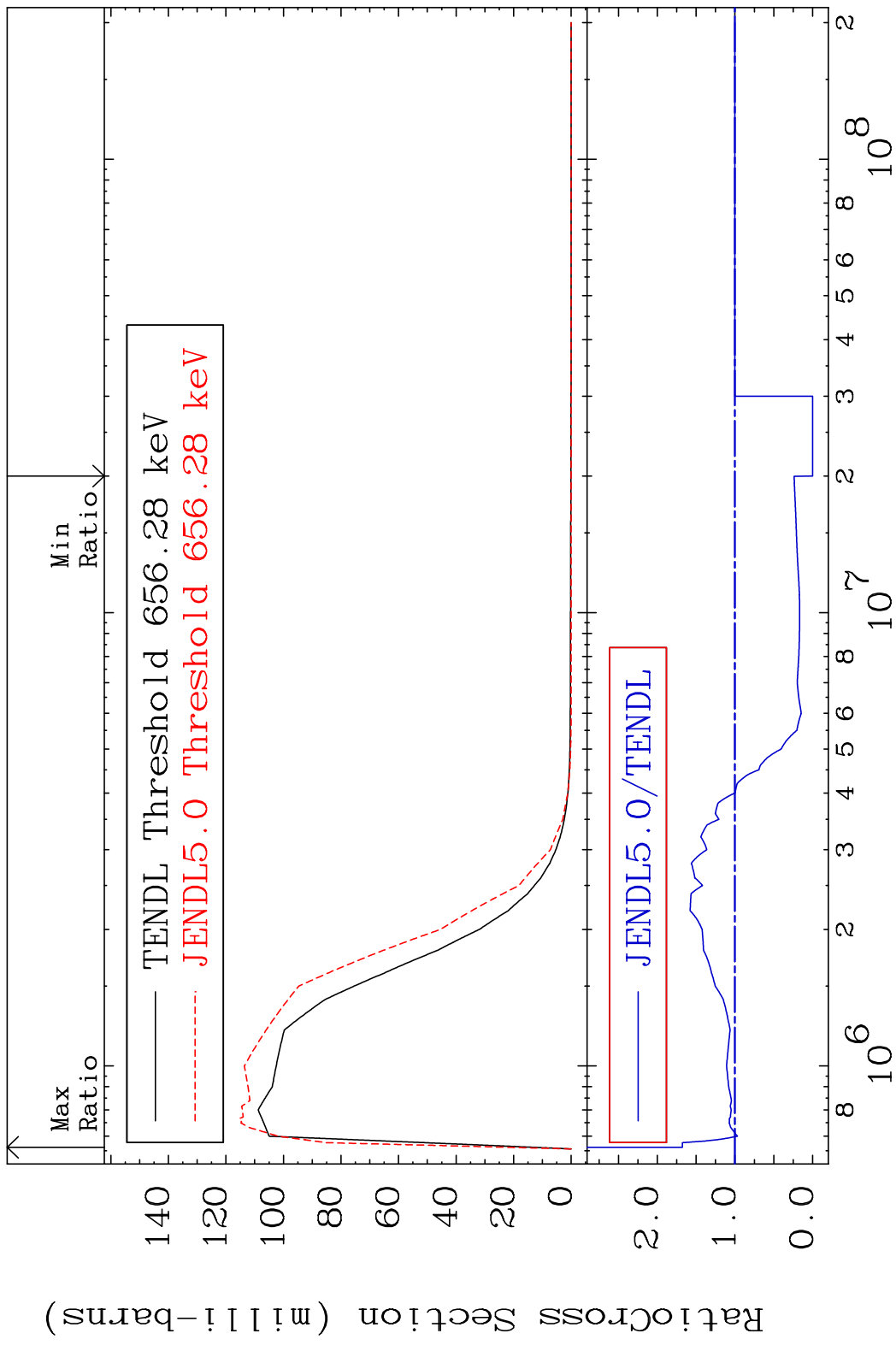
MAT 6513 MT= 70 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 66.43 %



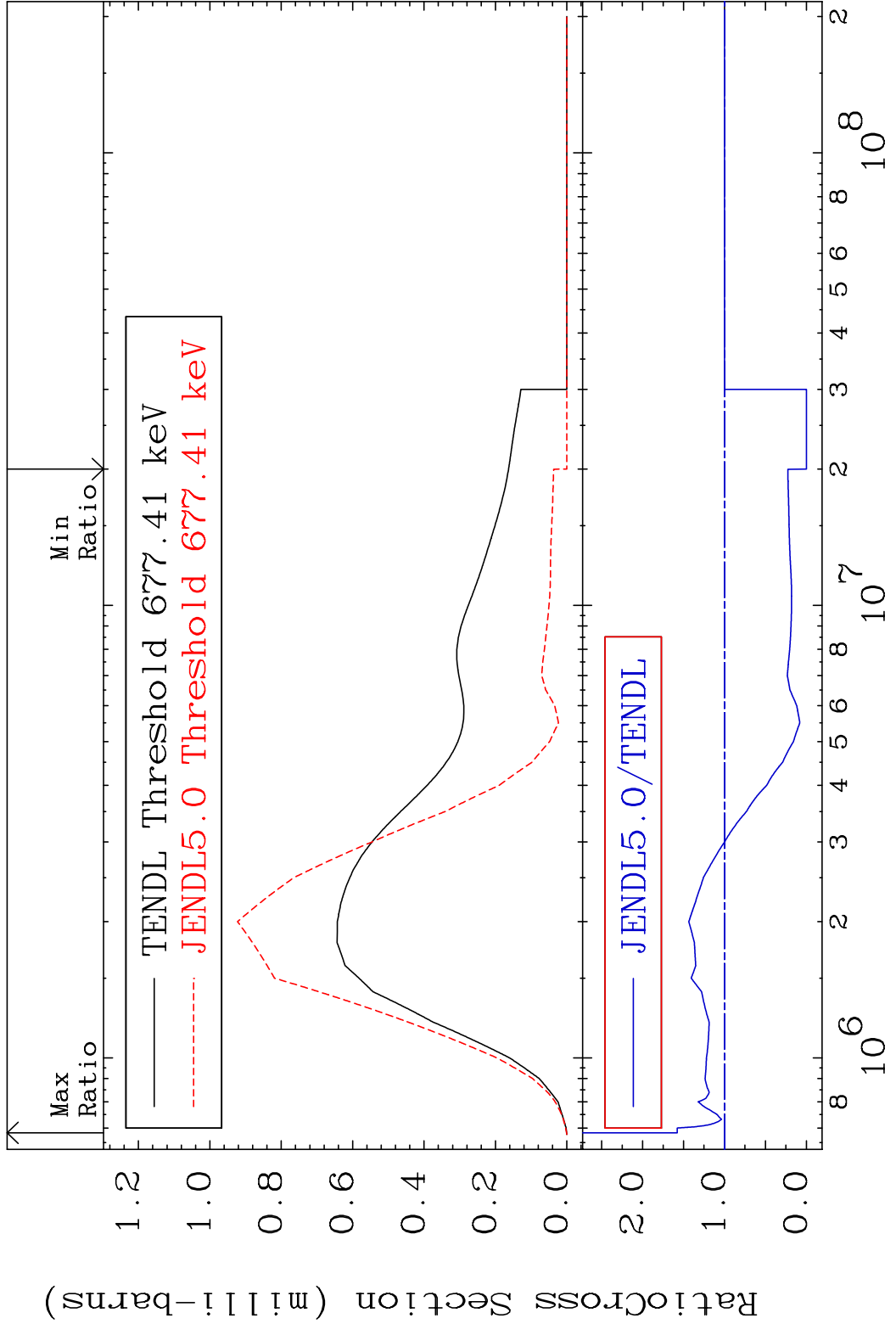
MAT 6513 MT= 71 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 402.5 %



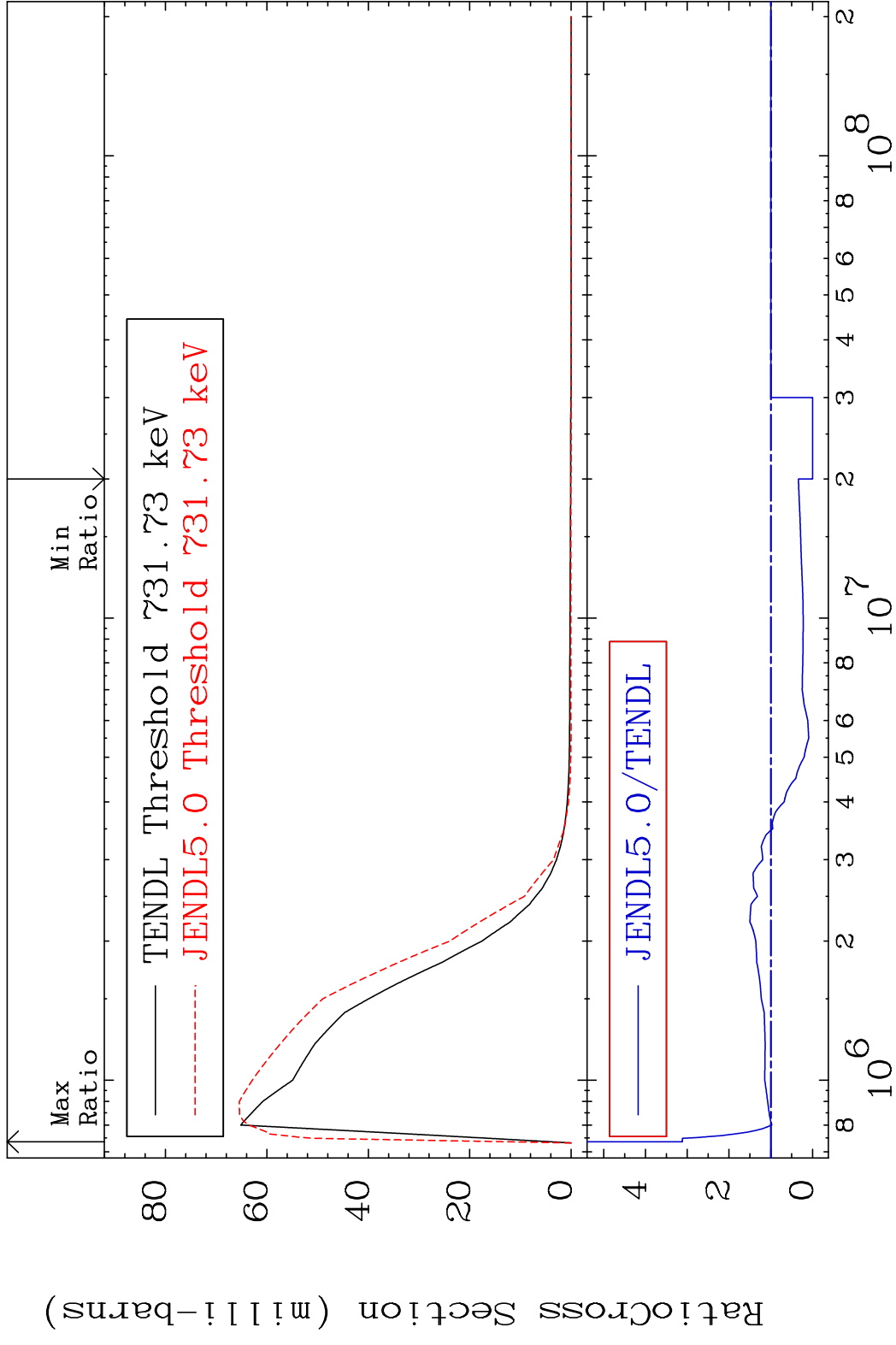
MAT 6513 MT= 72 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 67.76 %



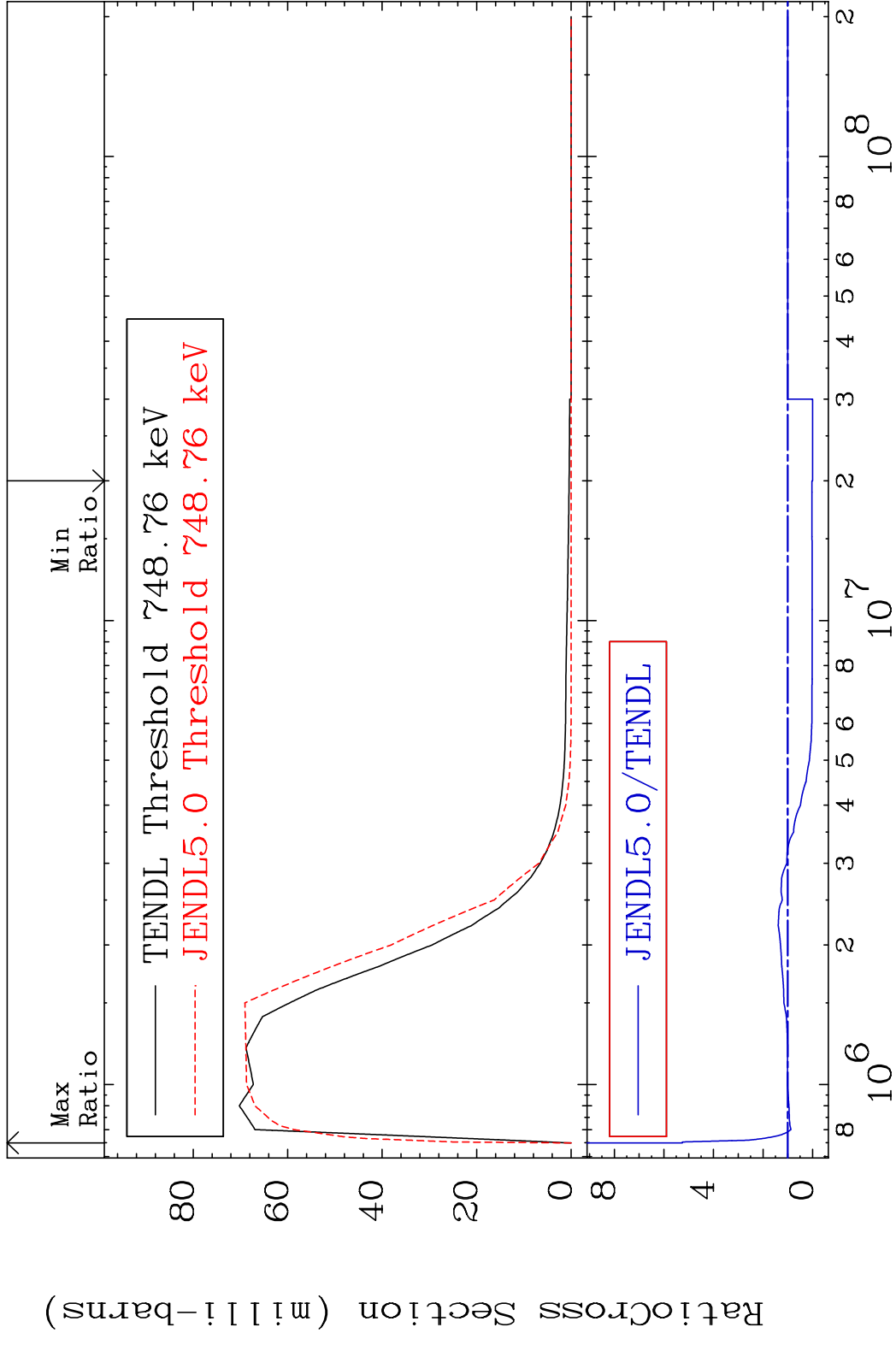
MAT 6513 MT= 73 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 57.78 %



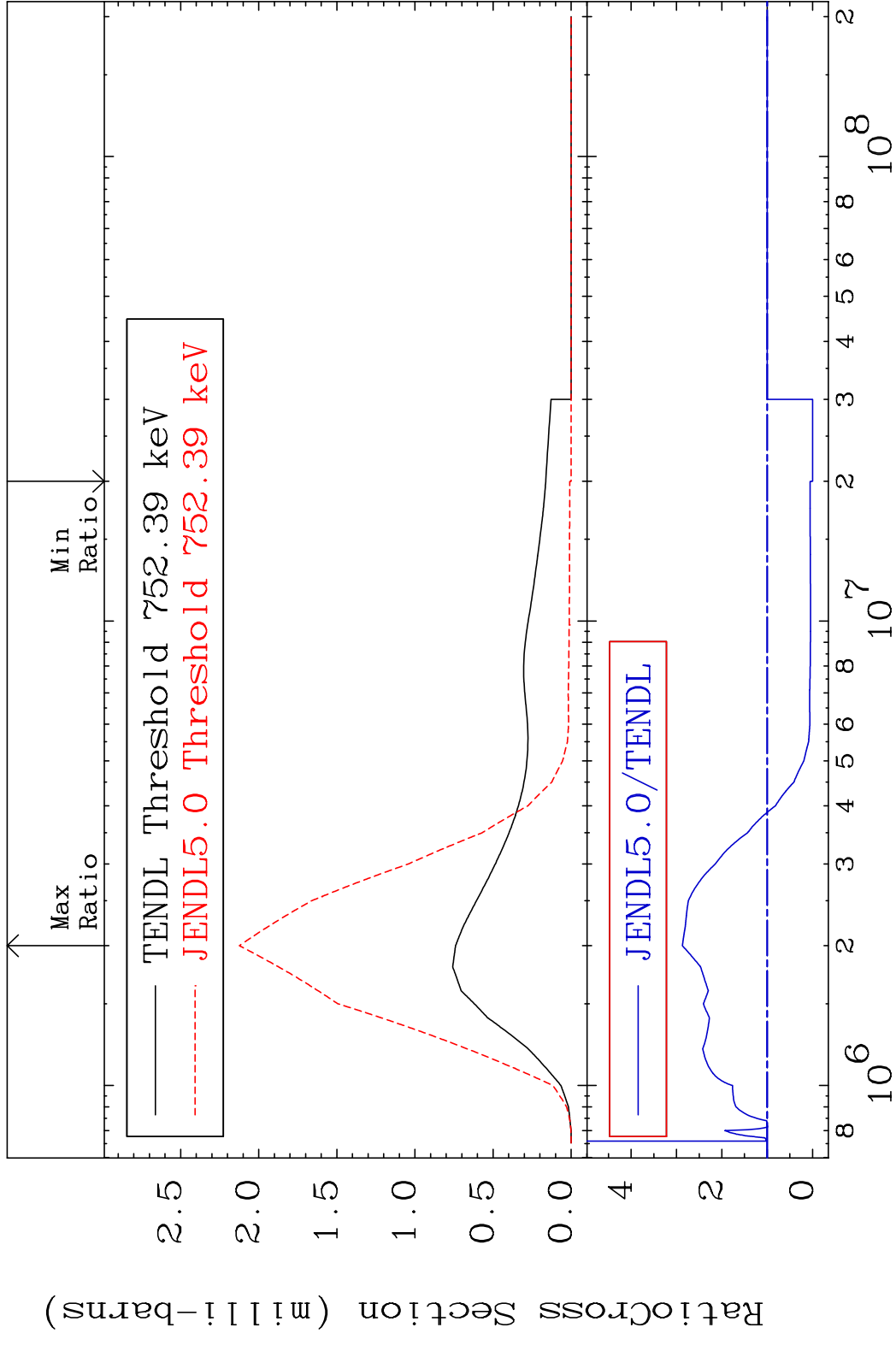
MAT 6513 MT= 74 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 211.7 %



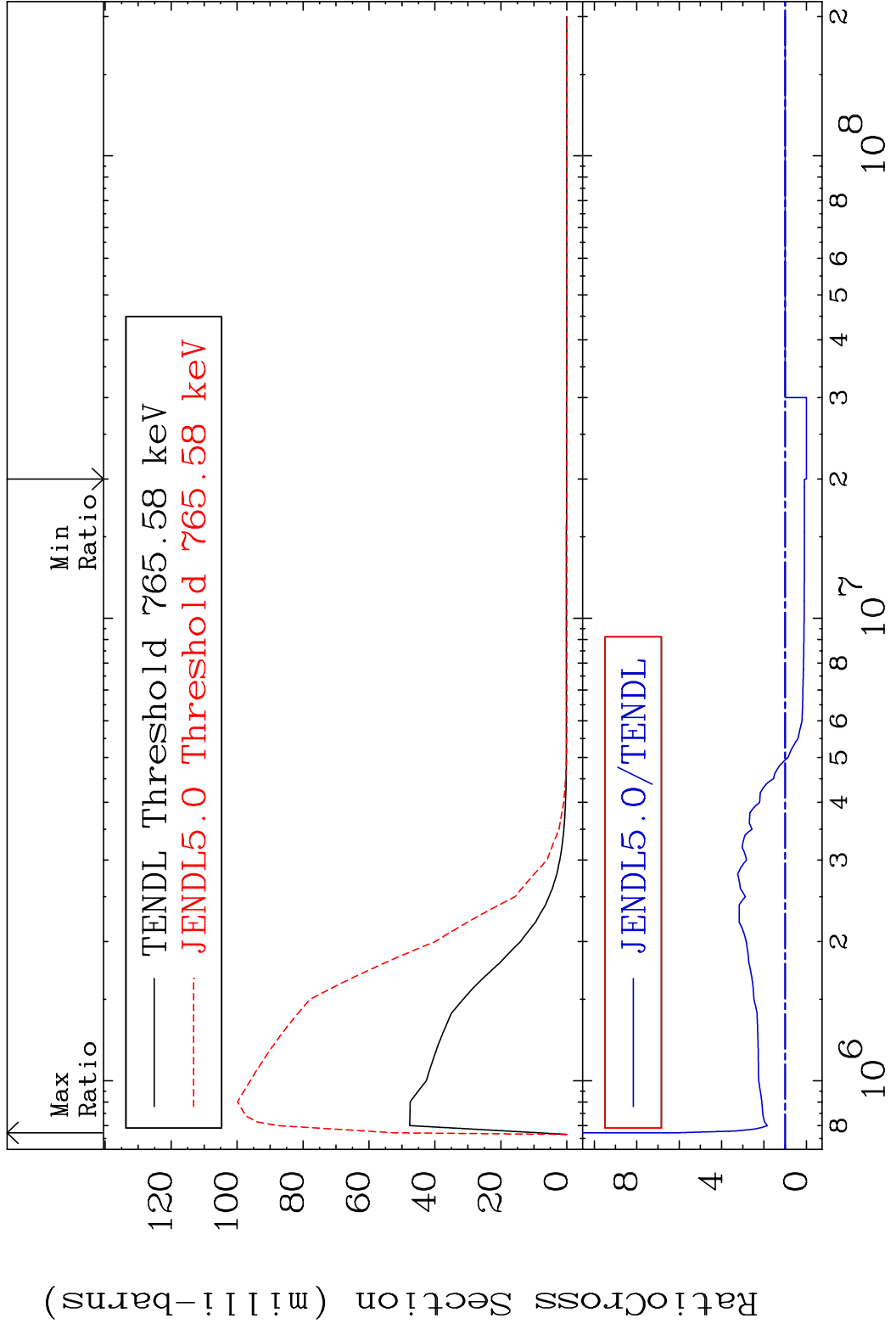
MAT 6513 MT= 75 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 425.6 %



MAT 6513 MT= 76 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 187.1 %

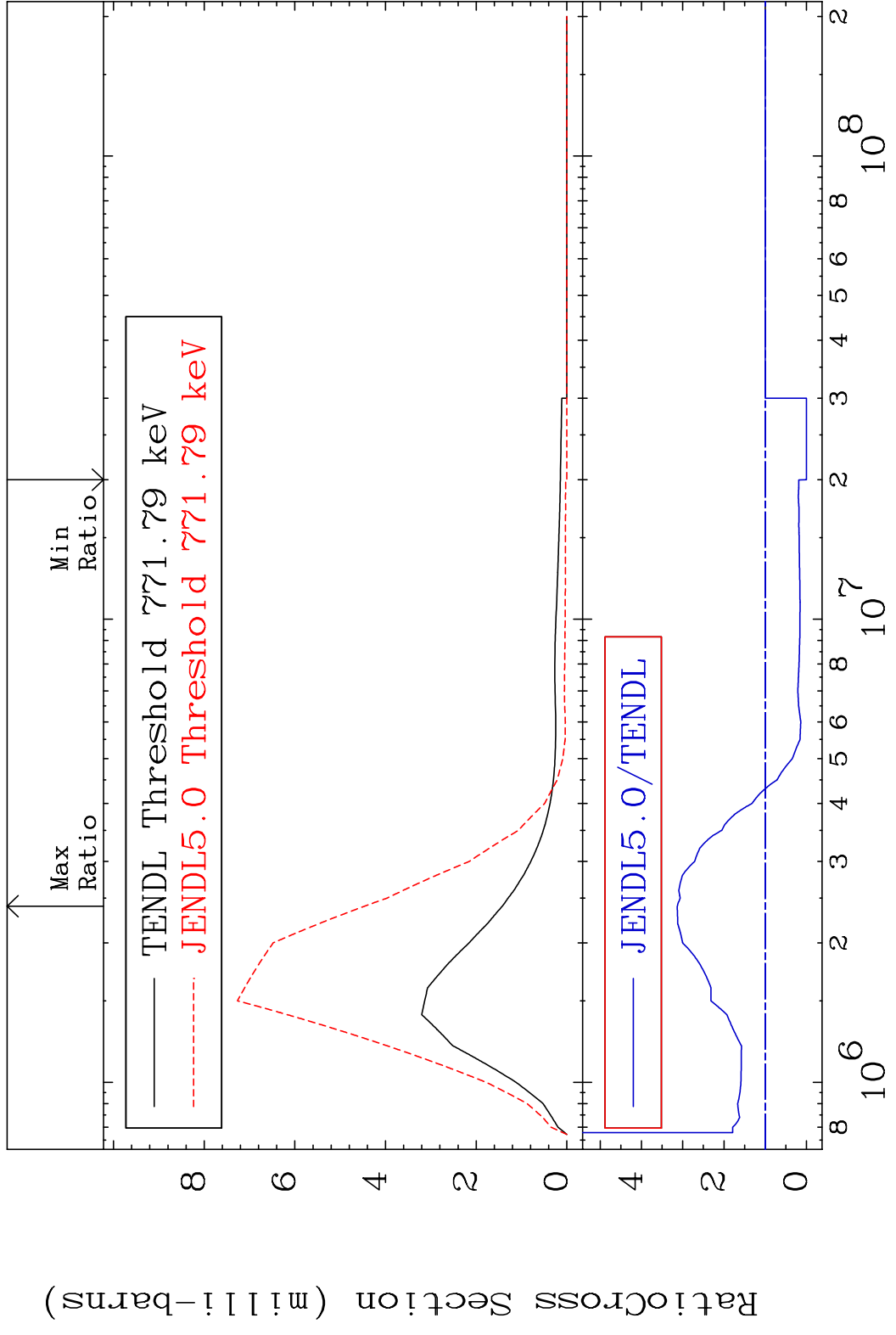


MAT 6513 MT= 77 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 509.3 %



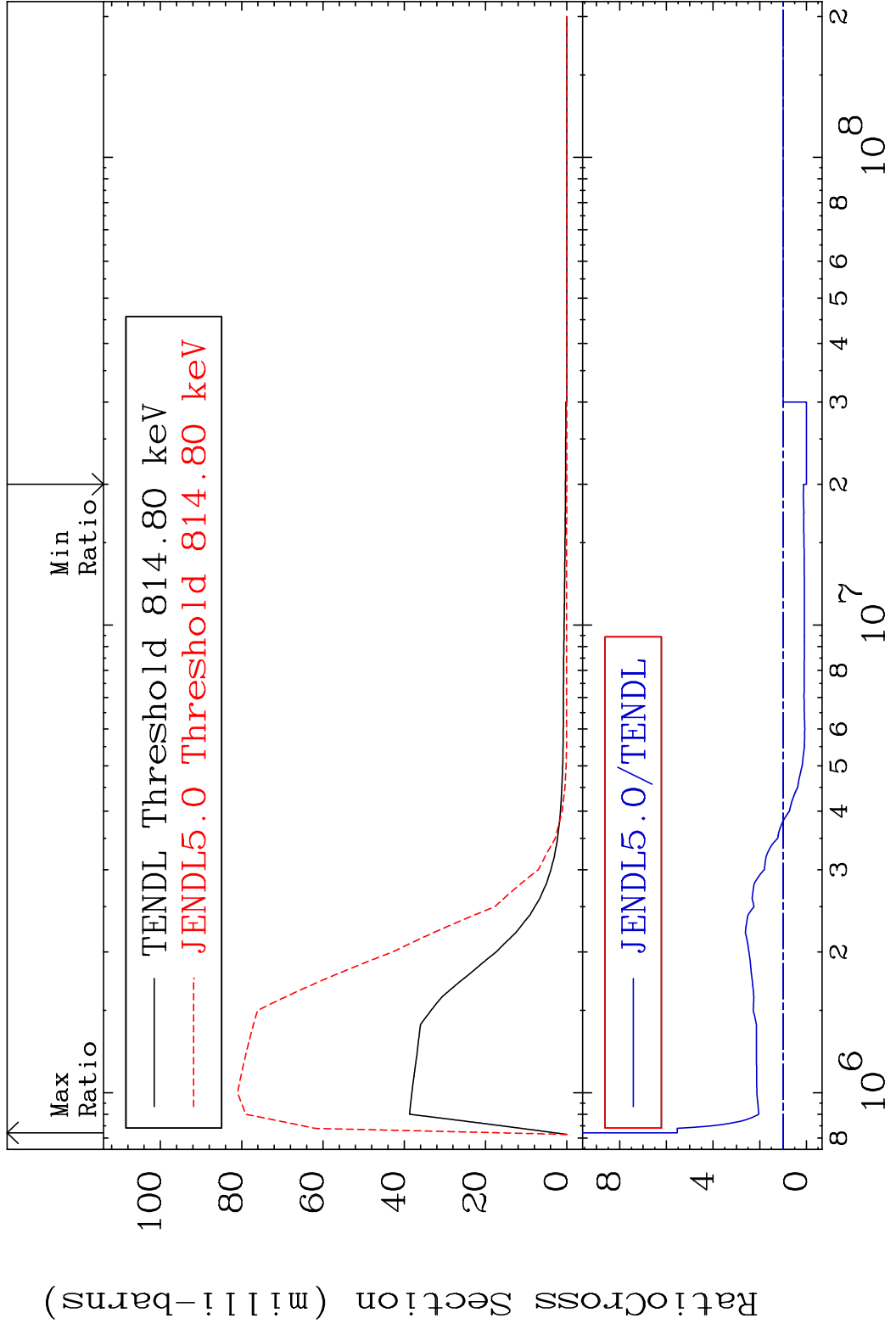
39 Incident Energy (eV) 65-Tb-155

MAT 6513 MT= 78 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 213.5 %



40 Incident Energy (eV) 65-Tb-155

MAT 6513 MT= 79 (n, n') Level 65-Tb-155
 Cross Section -100.0 To 453.8 %

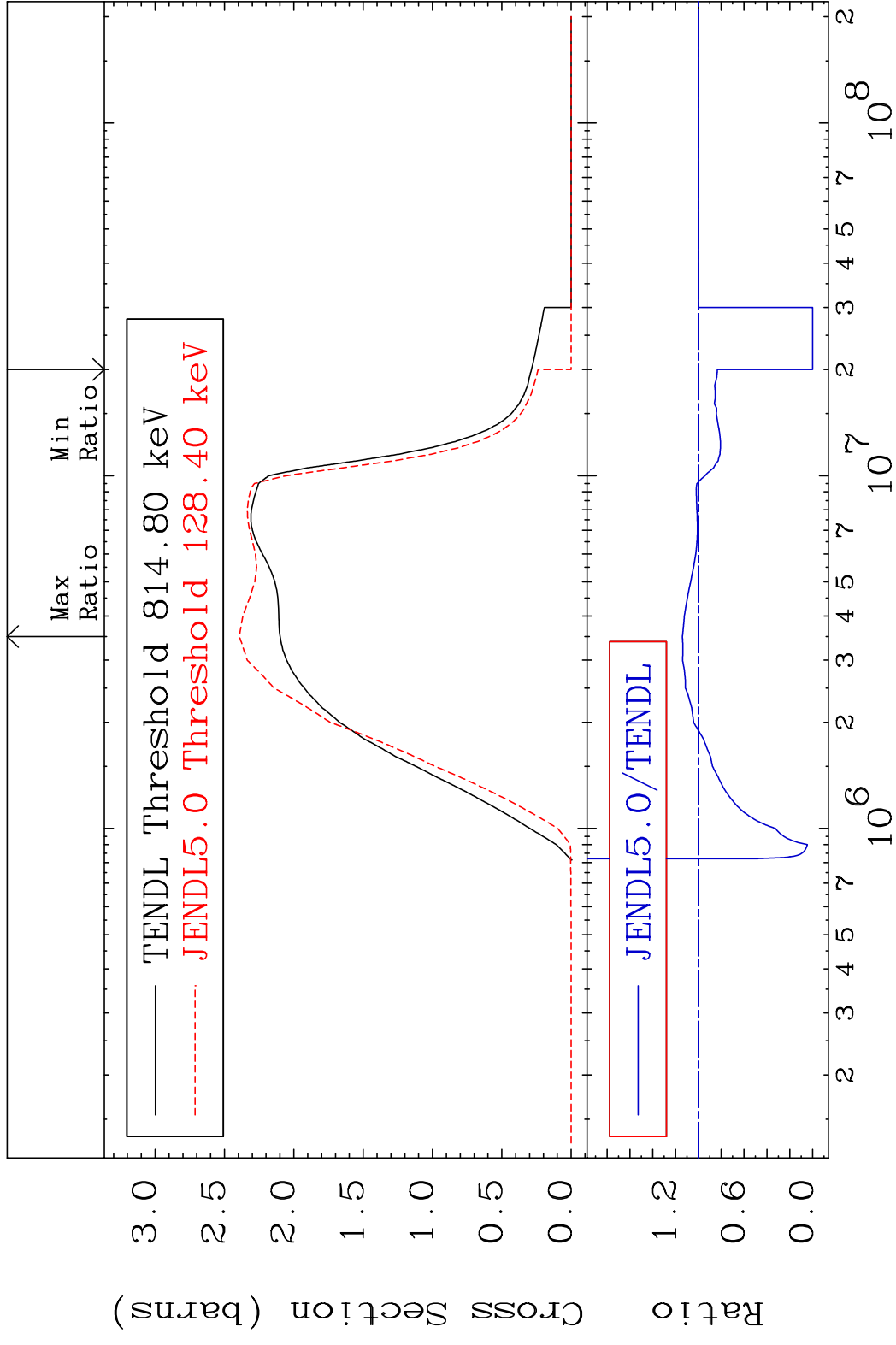


MAT 6513

(n, n') Continuum

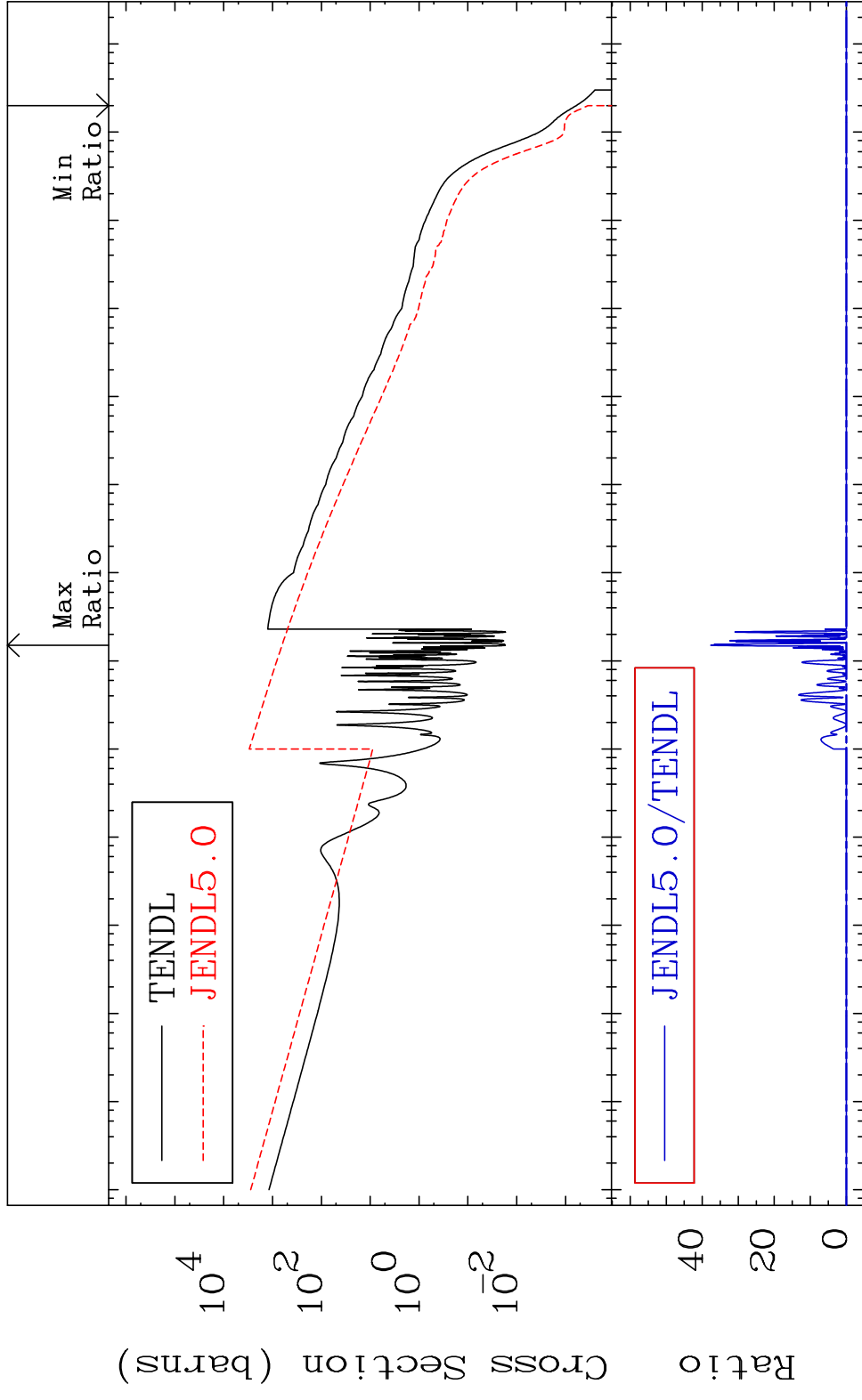
65-Tb-155

Cross Section -100.0 To 14.03 %



MAT 6513

(n, γ)
Cross Section -100.0 To 9999. %
65-Tb-155



43

Incident Energy (eV)

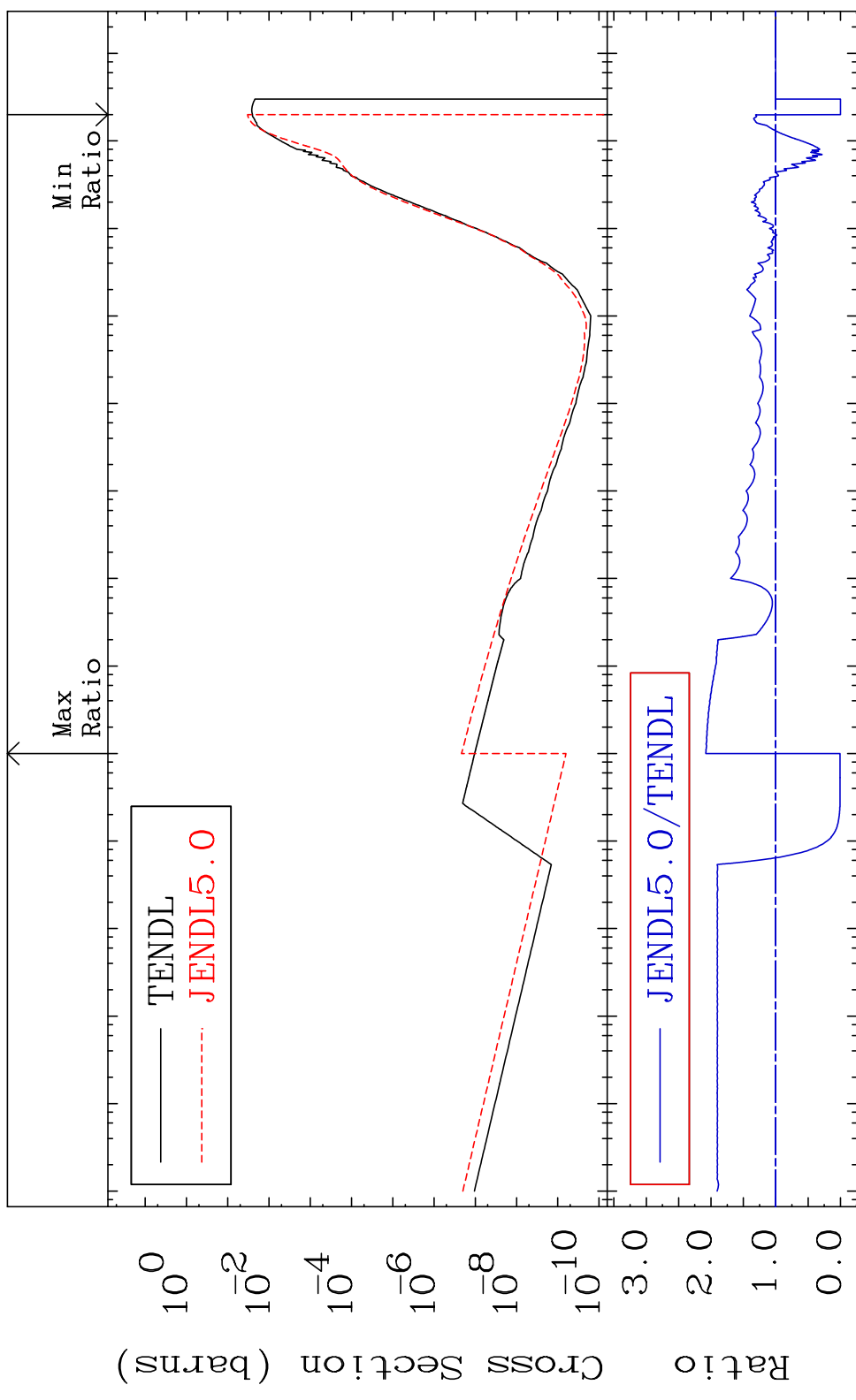
65-Tb-155

MAT 6513

(n, p)

65-Tb-155

Cross Section -100.0 To 108.1 %

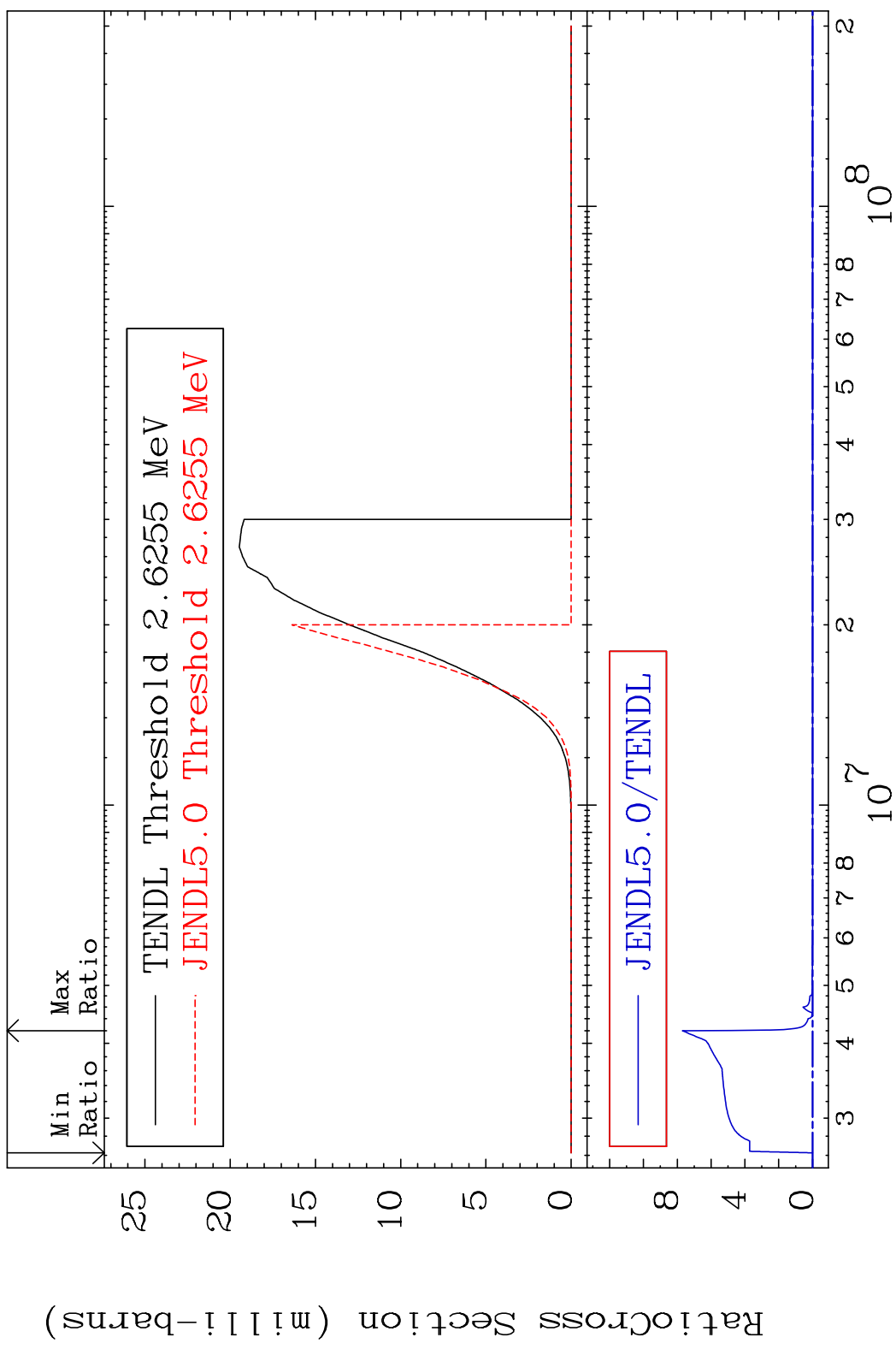


MAT 6513

(n,d)

65-Tb-155

Cross Section -100.0 To 9999. %

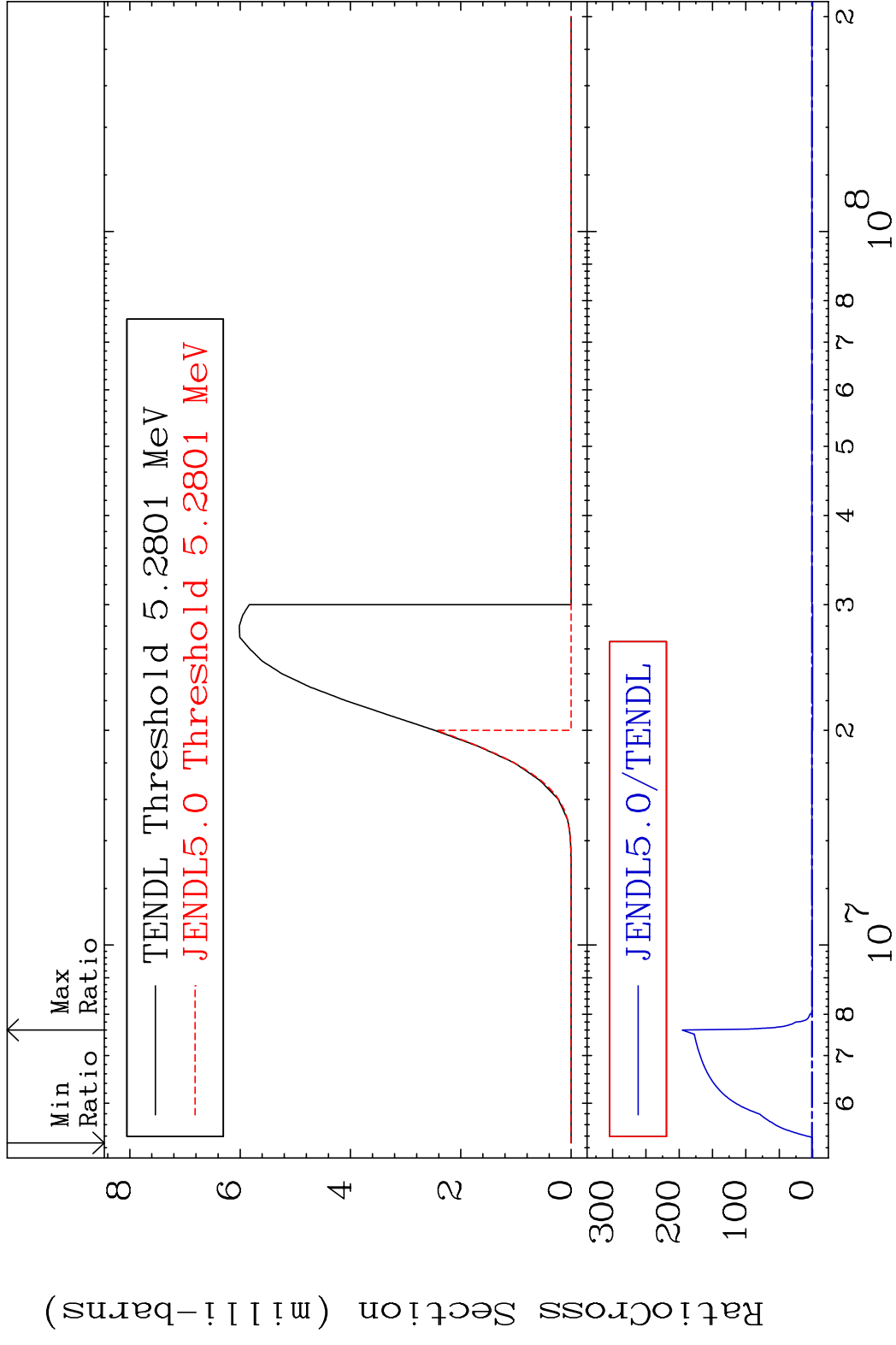


45

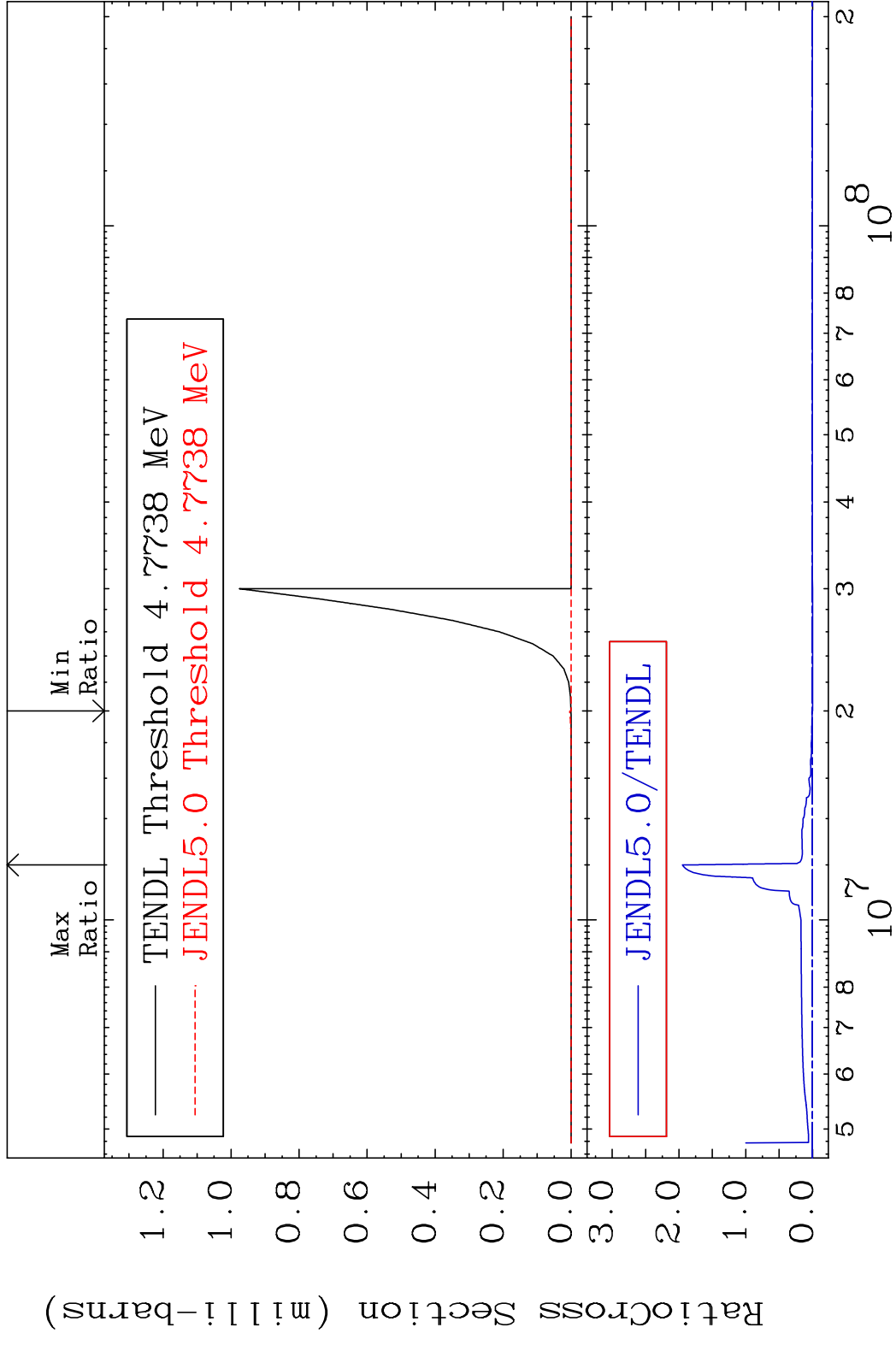
Incident Energy (eV)

65-Tb-155

MAT 6513 (n, t) 65-Tb-155
 Cross Section -100.0 To 9999. %



MAT 6513 (n, He-3) 65-Tb-155
 Cross Section -100.0 To 9999. %

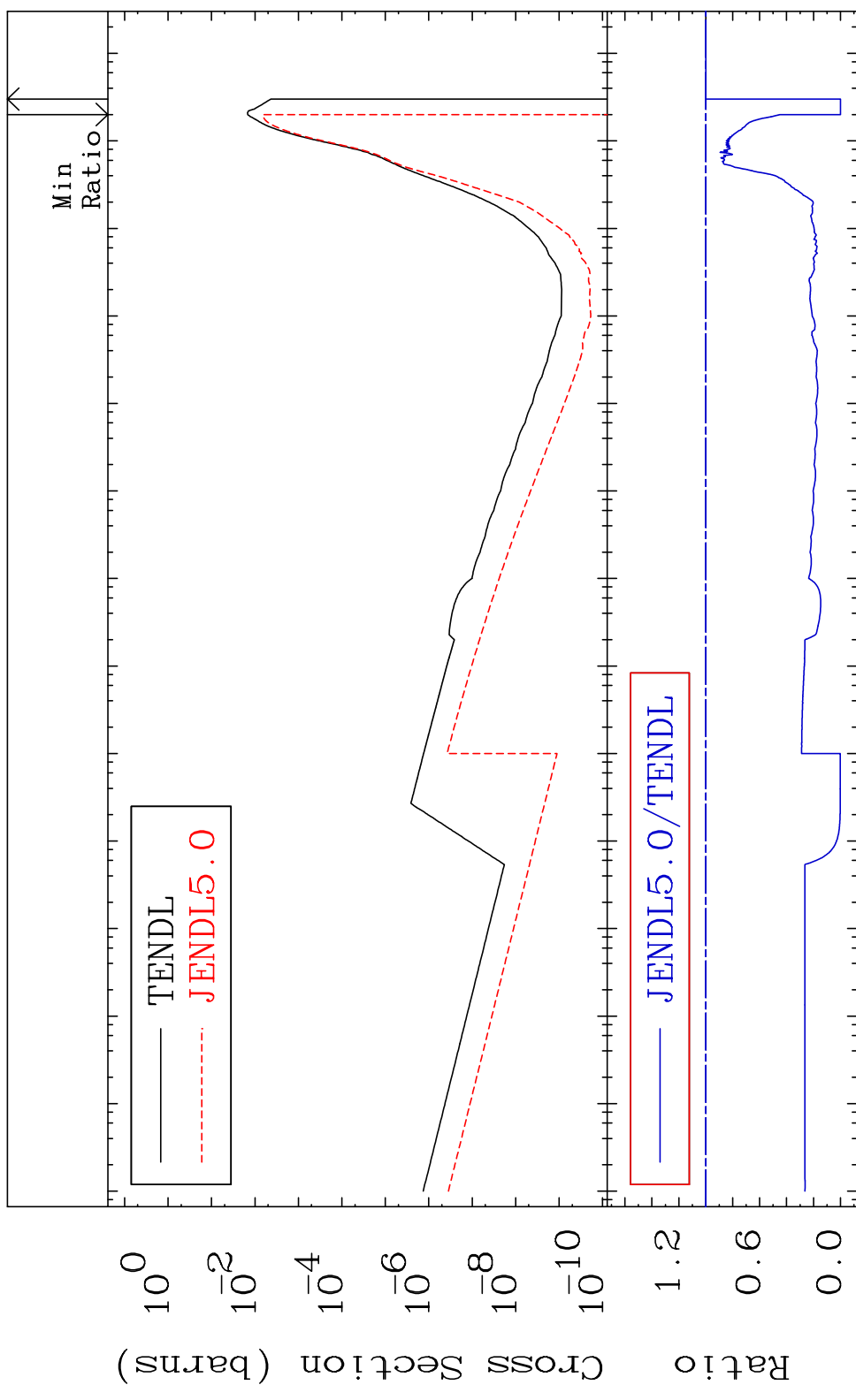


MAT 6513

(n, α)

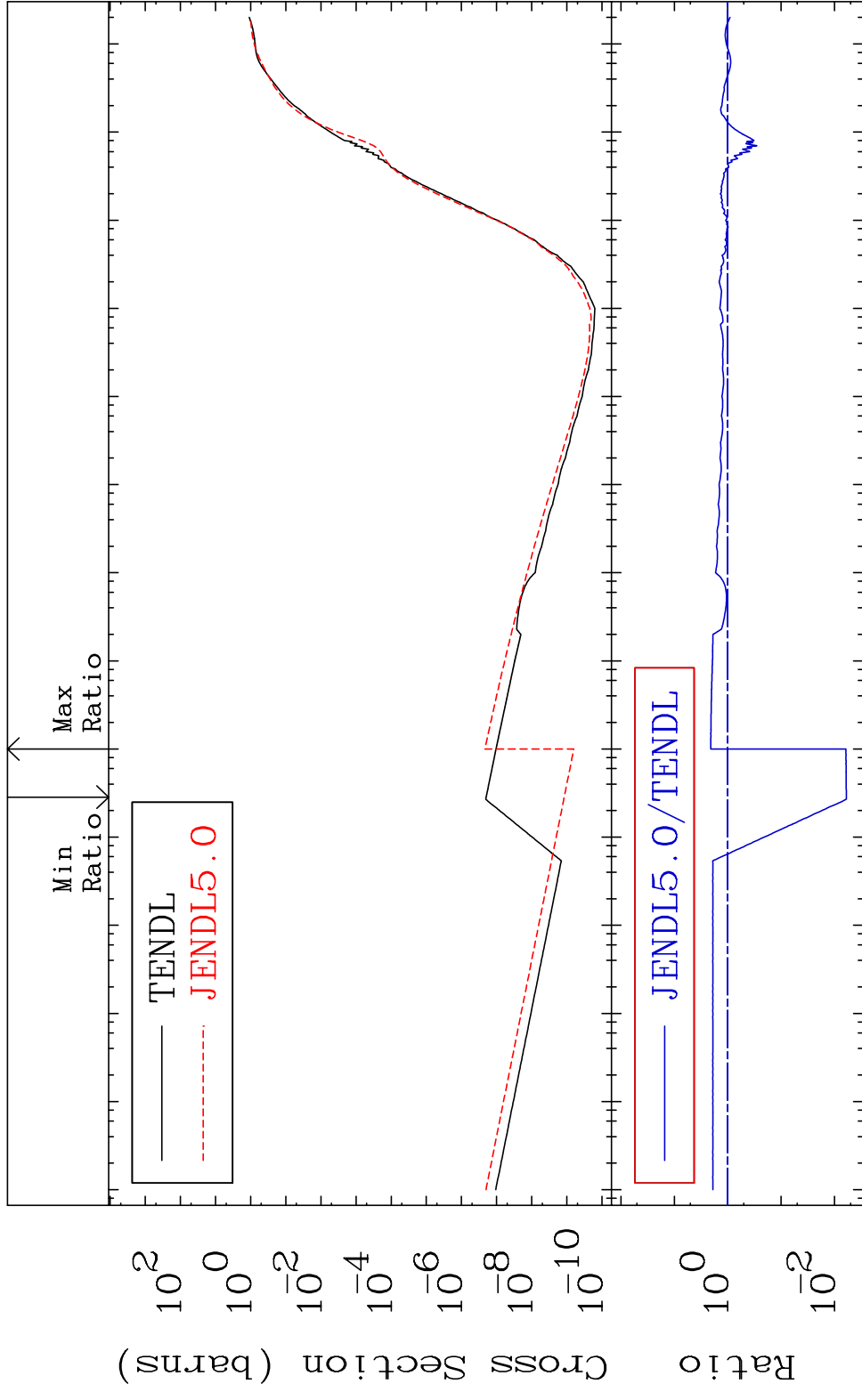
65-Tb-155

Cross Section -100.0 To 0.000 %



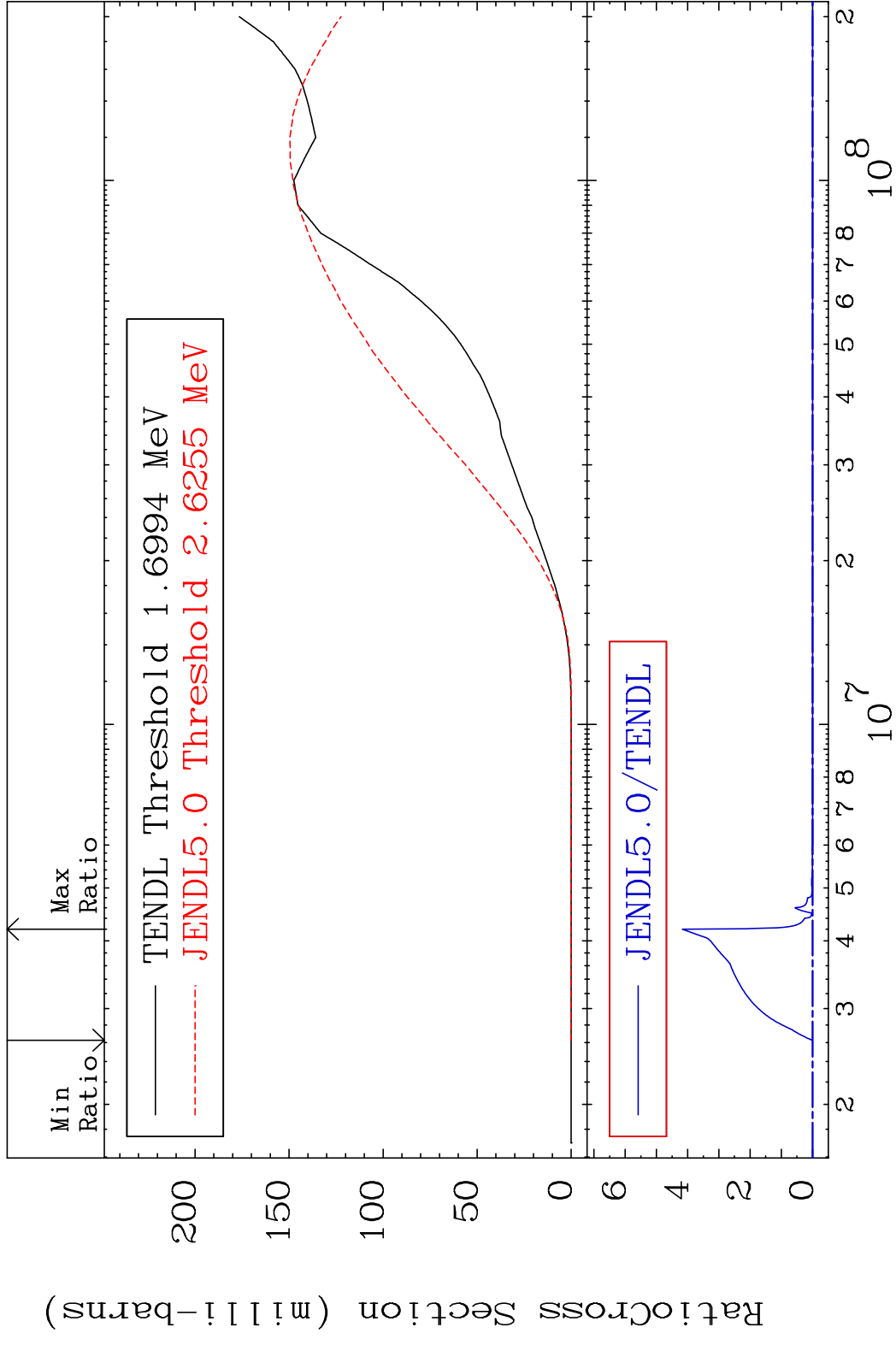
MAT 6513

Hydrogen Production 65-Tb-155
Cross Section -99.40 To 108.1 %



MAT 6513

Deuterium Production 65-Tb-155
Cross Section -100.0 To 9999. %

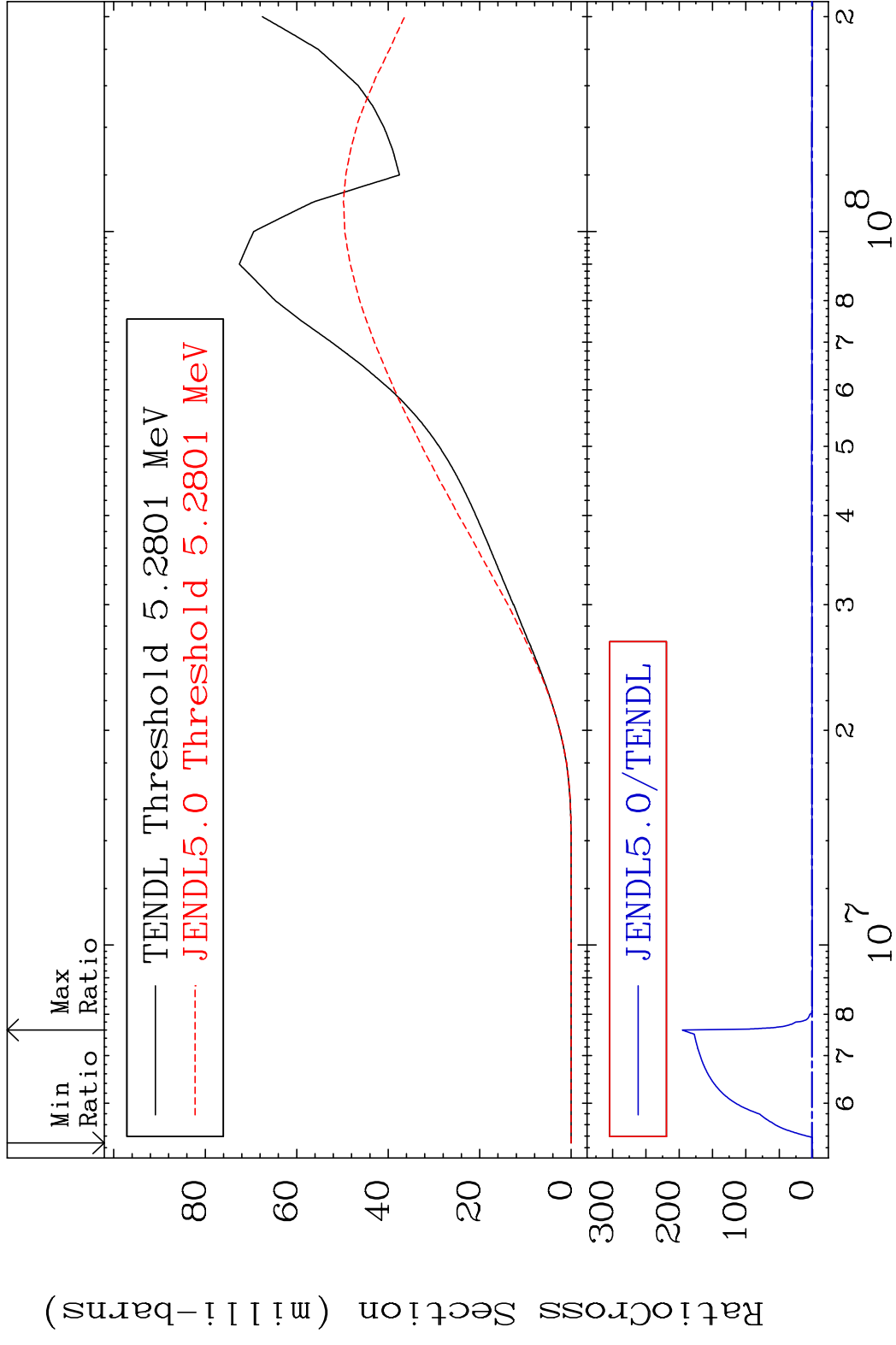


50

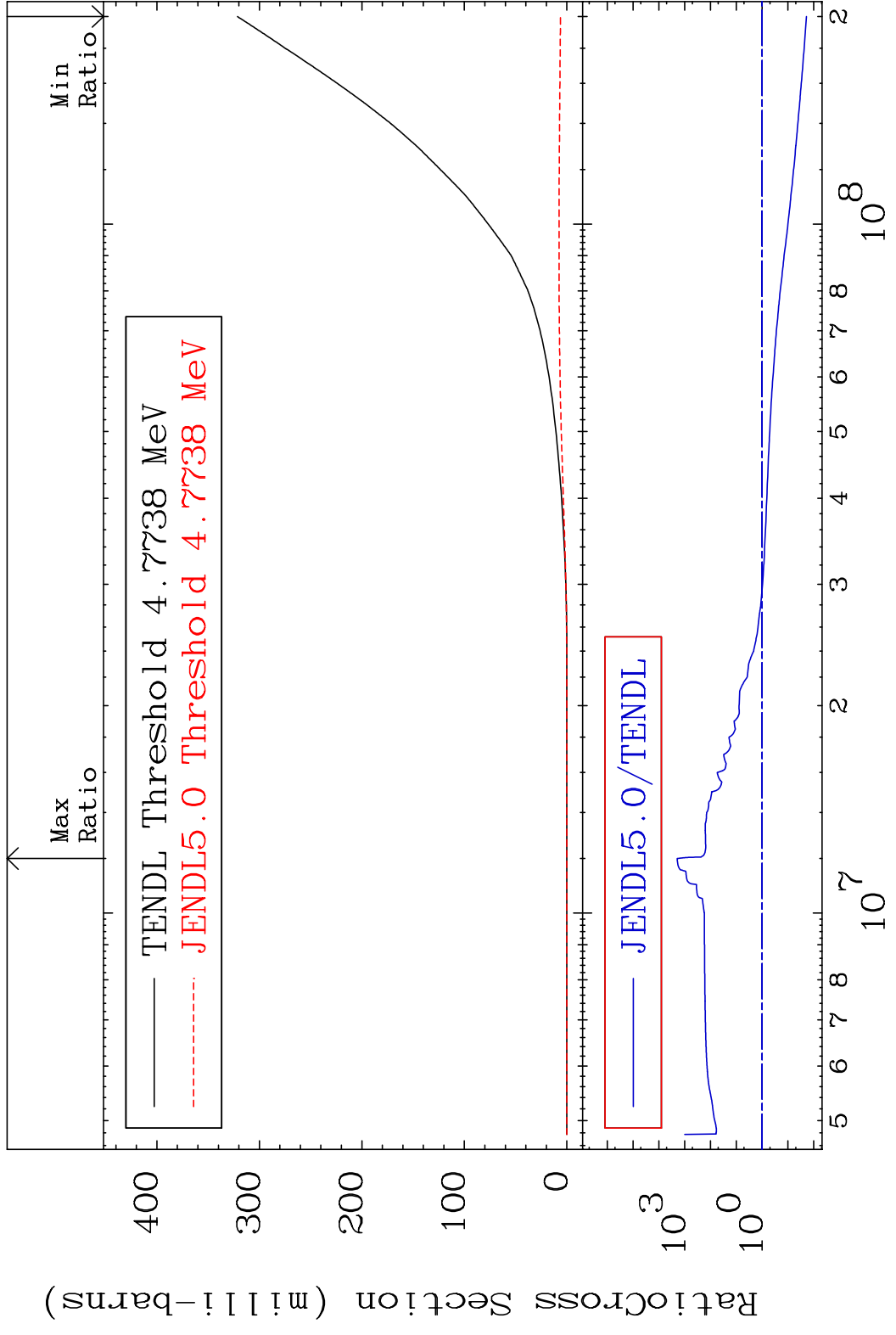
Incident Energy (eV)

65-Tb-155

MAT 6513 Tritium Production 65-Tb-155
 Cross Section -100.0 To 9999. %



MAT 6513 He-3 Production 65-Tb-155
 Cross Section -98.07 To 9999. %

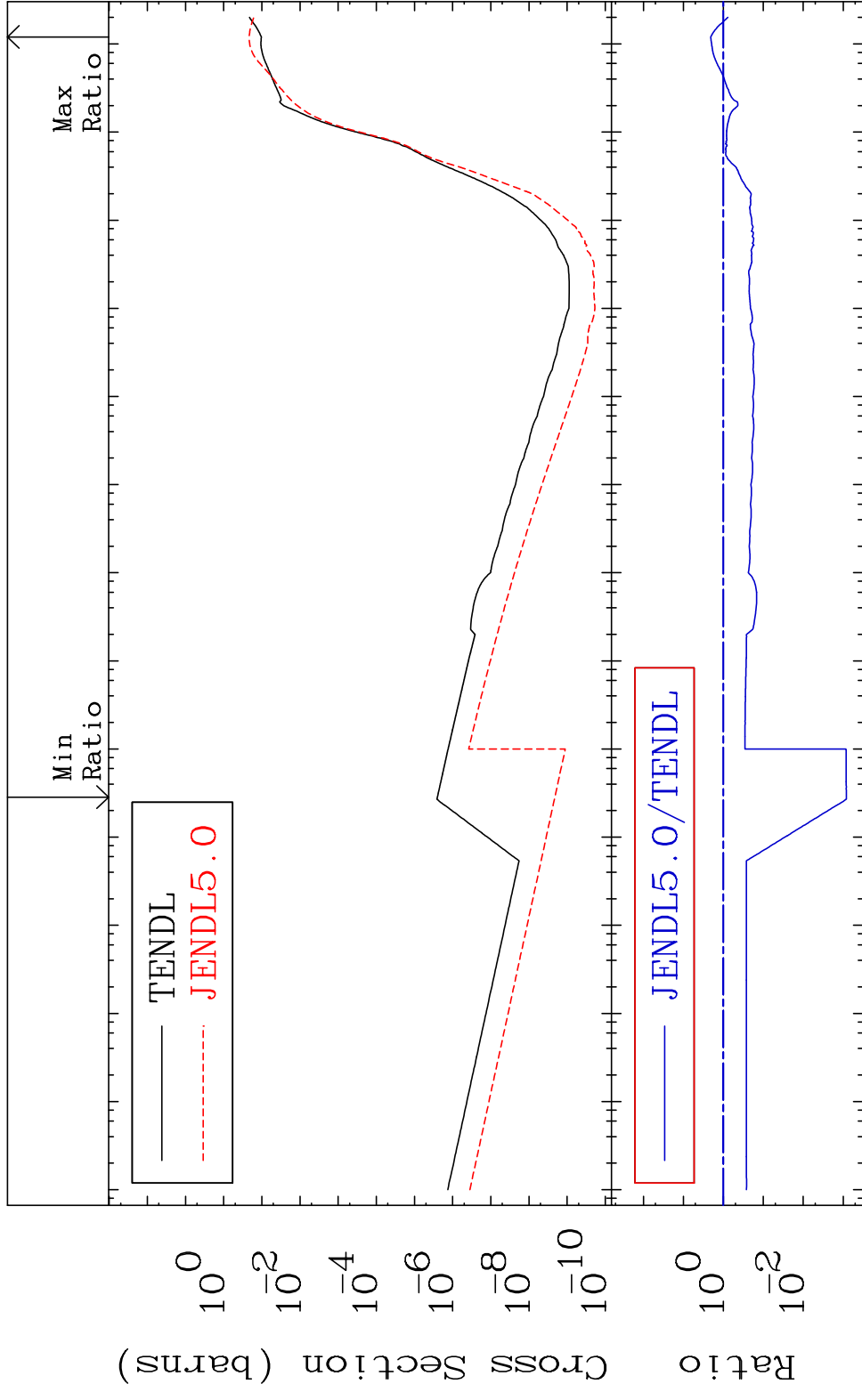


MAT 6513

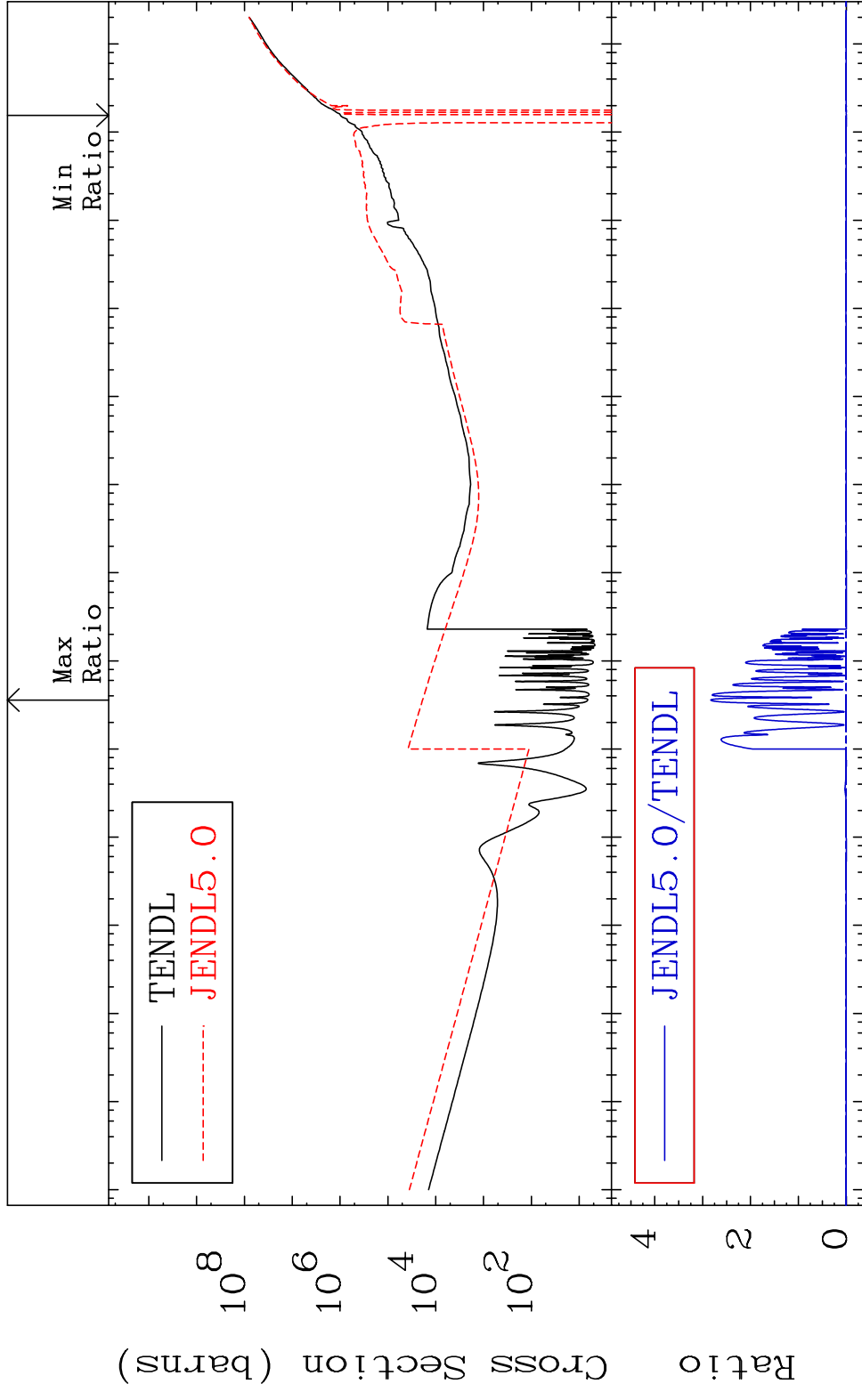
He-4 Production

65-Tb-155

Cross Section -99.92 To 107.1 %



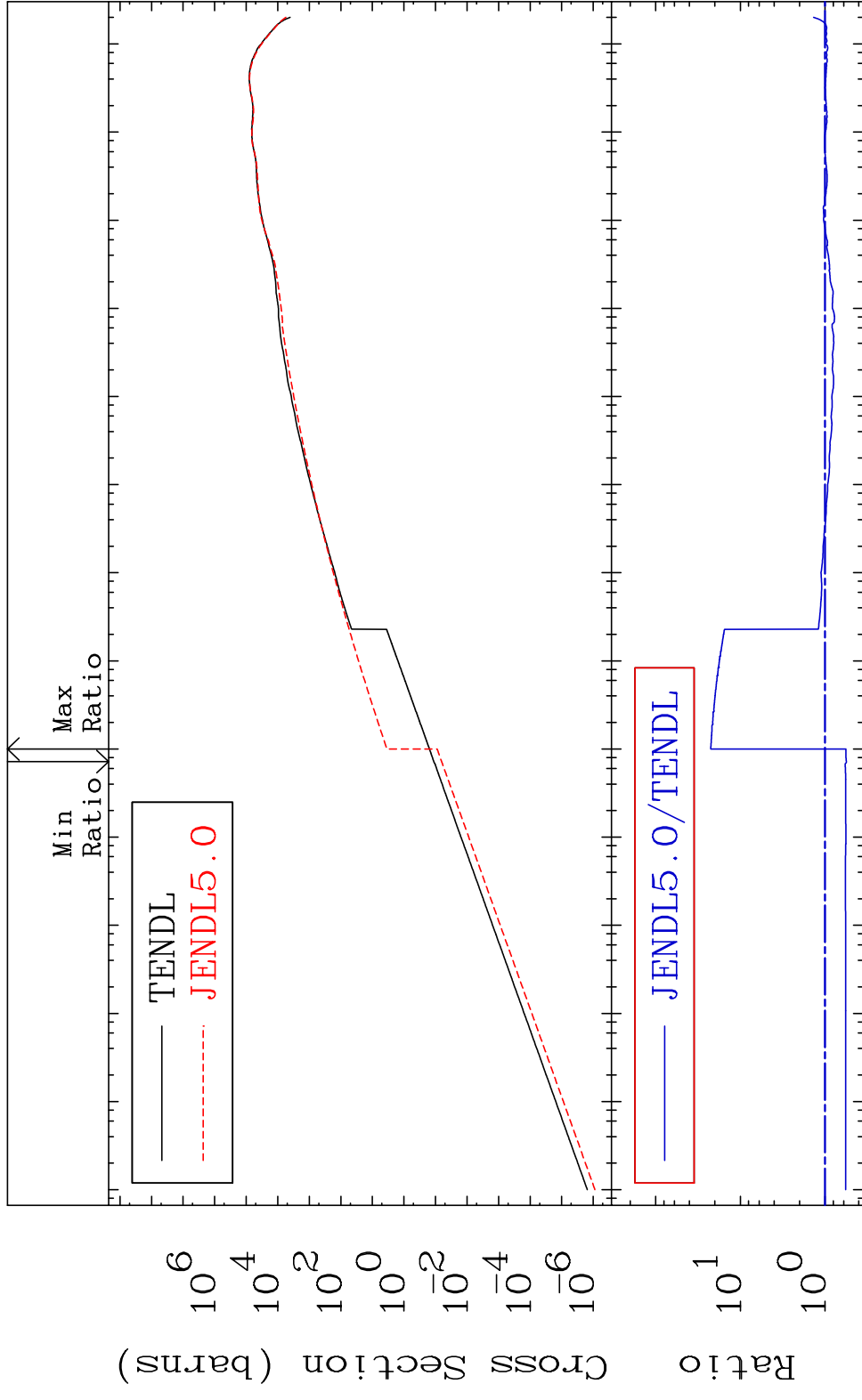
MAT 6513 Kerma total (eV-barns) 65-Tb-155
 Cross Section -184.1 To 9999. %



MAT 6513

Kerma elastic
Cross Section -43.90 To 2138. %

65-Tb-155



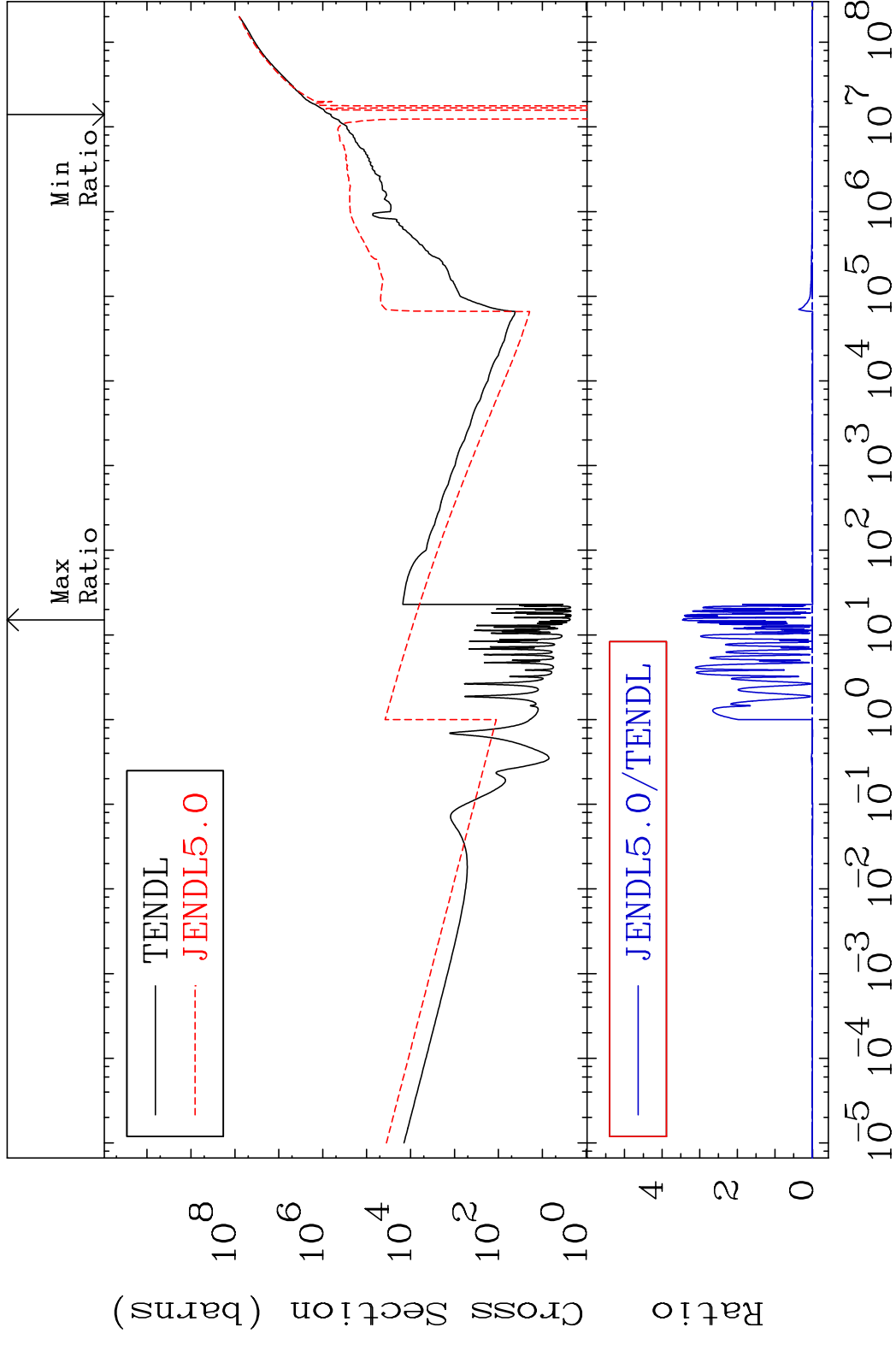
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

55

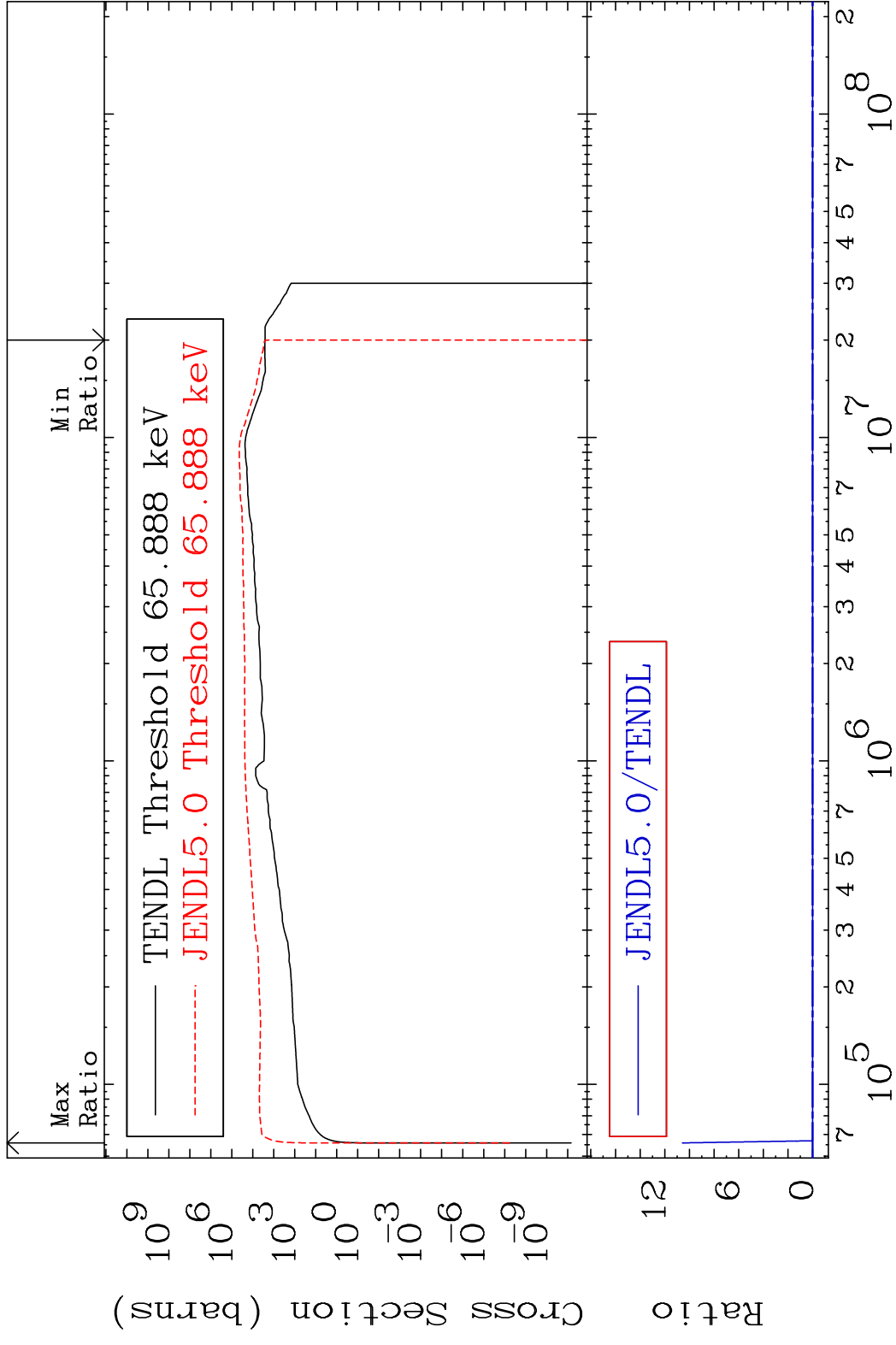
Incident Energy (eV)

65-Tb-155

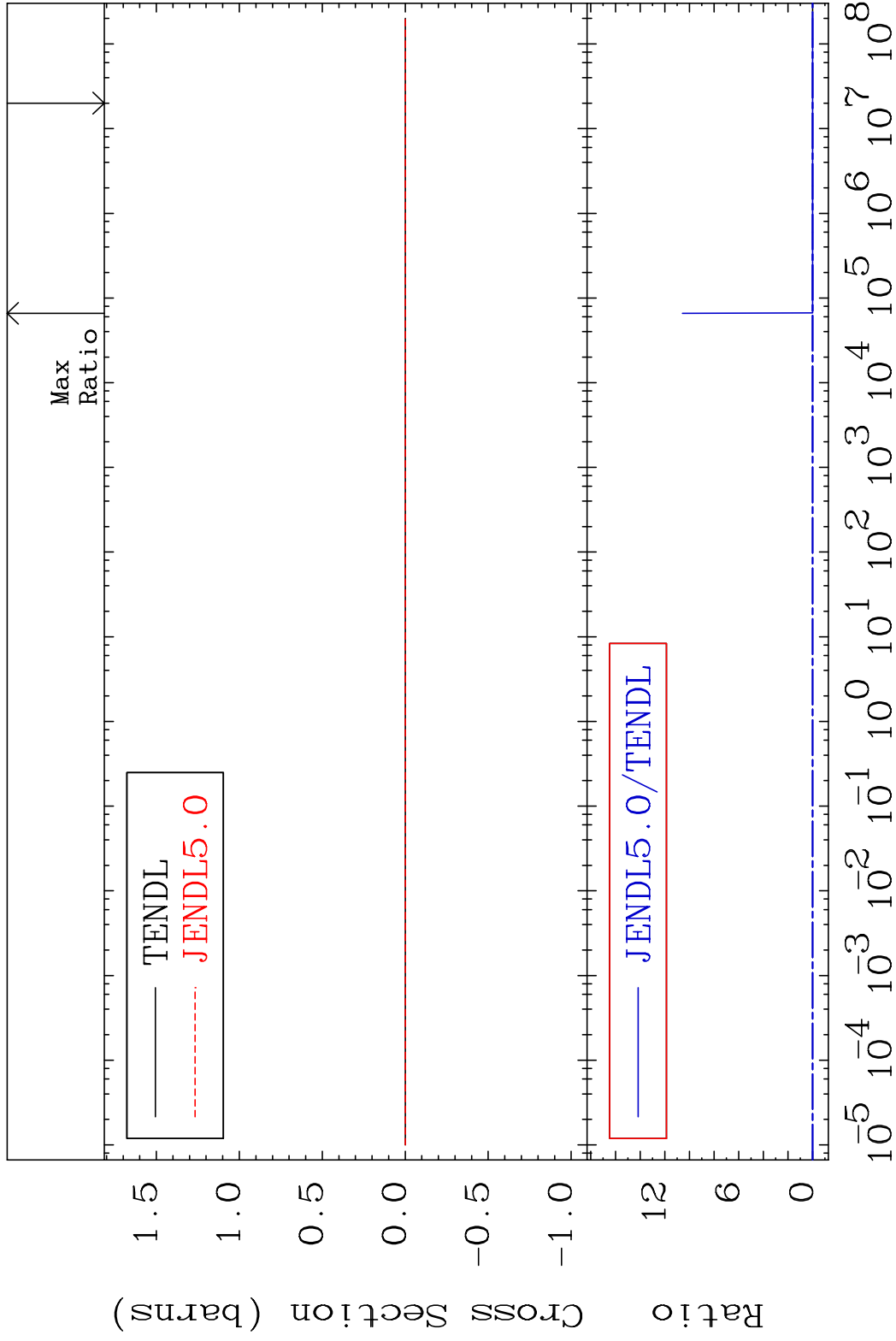
MAT 6513 Kerma non-elastic (all but mt2) 65-Tb-155
 Cross Section -197.0 To 9999. %



MAT 6513 Kerma inelastic (mt51-91) 65-Tb-155
 Cross Section -100.0 To 9999. %

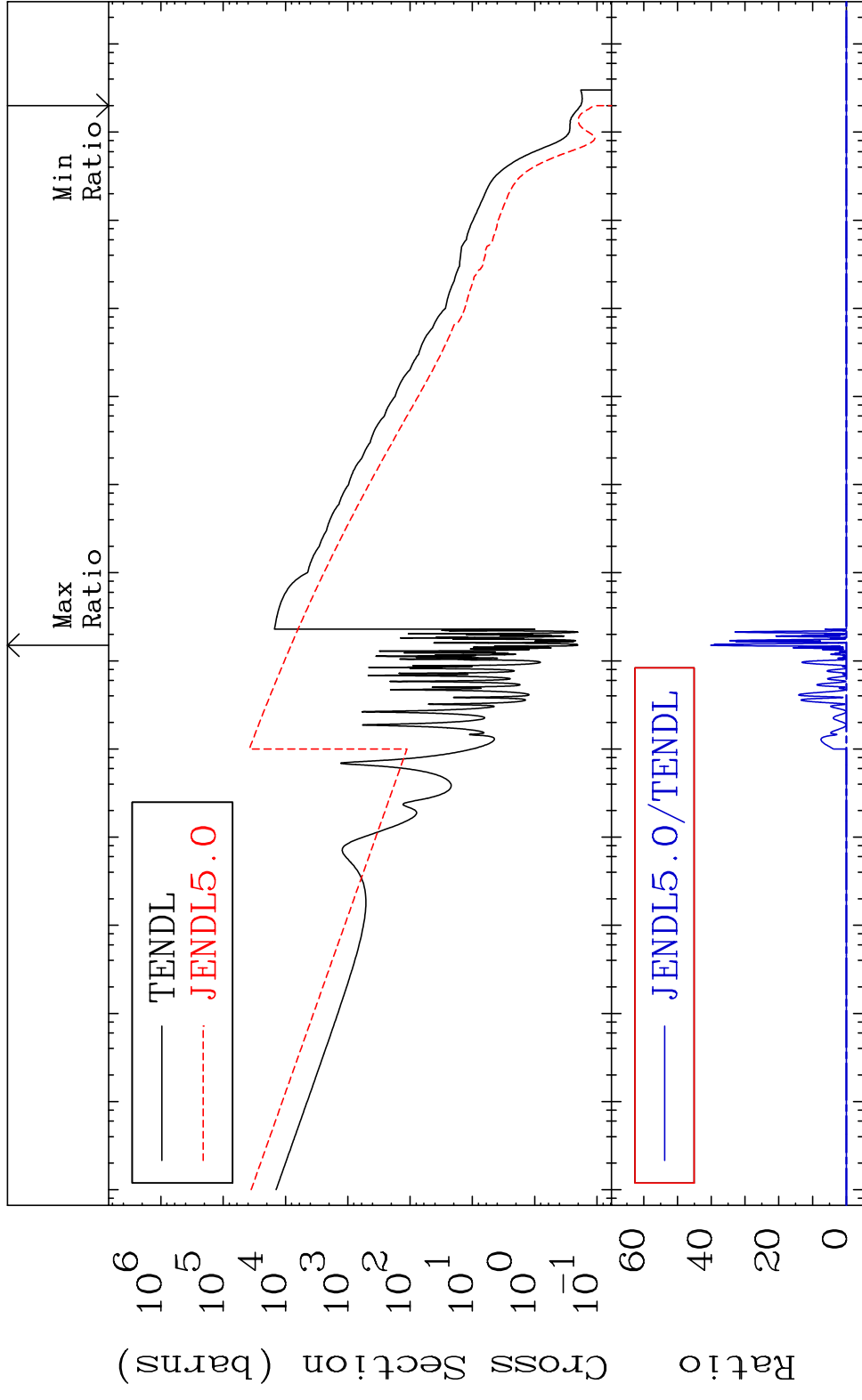


MAT 6513 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-155
 Cross Section -100.0 To 9999. %



MAT 6513

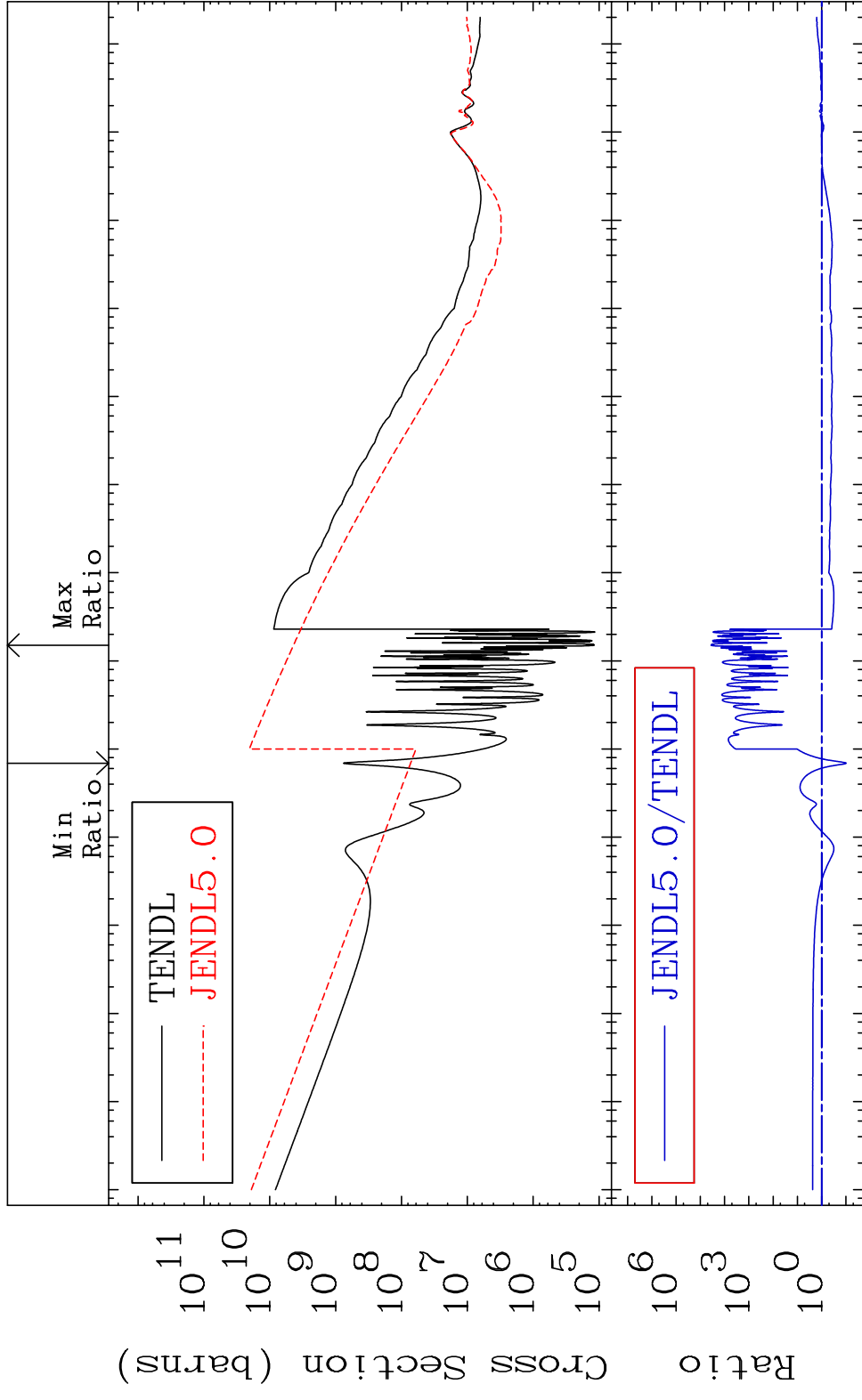
Kerma capture (mt102) 65-Tb-155
Cross Section -100.0 To 9999. %



59

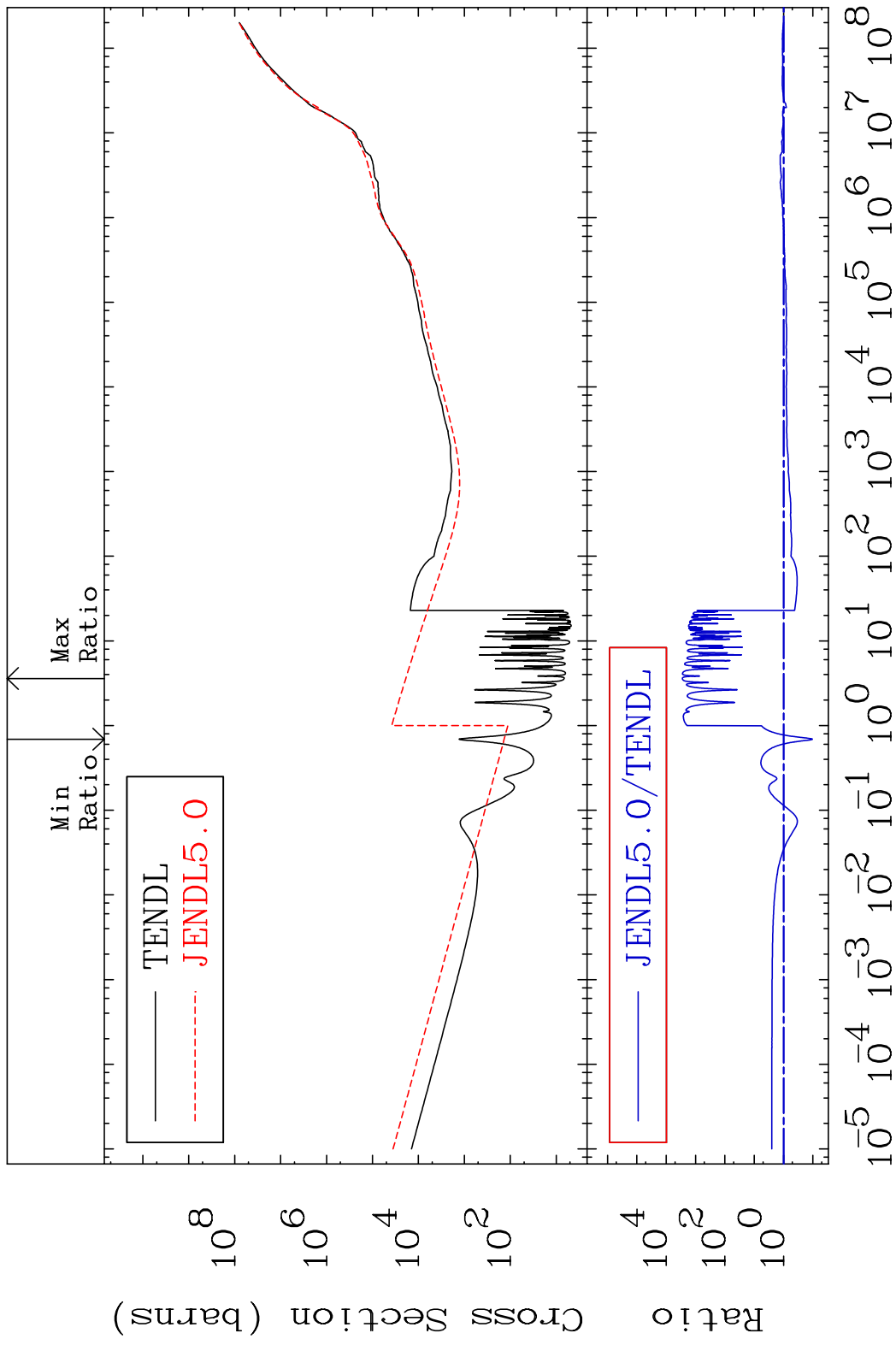
Incident Energy (eV) 65-Tb-155

MAT 6513 Total photon (eV-barns) 65-Tb-155
 Cross Section -90.38 To 9999. %

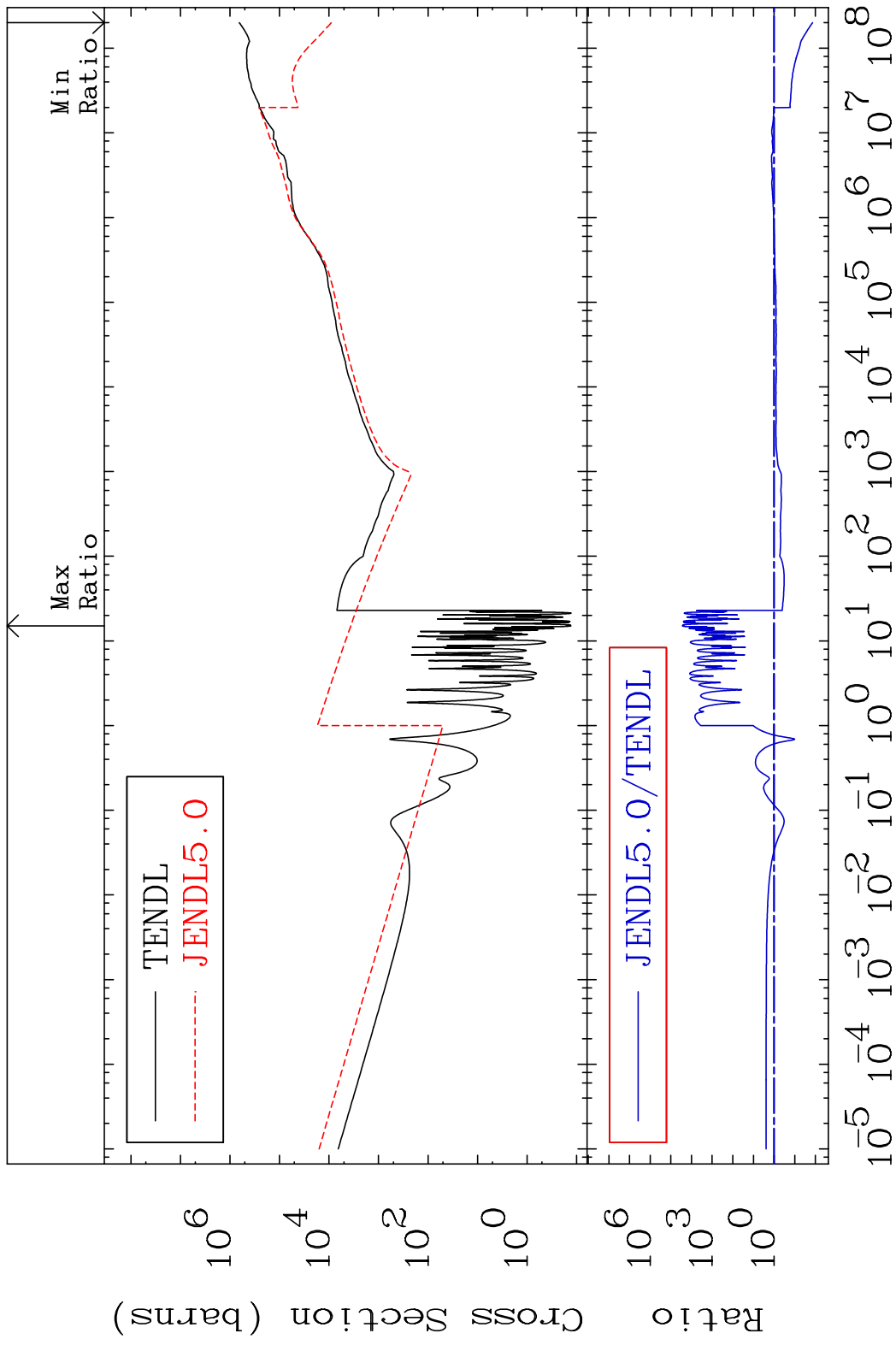


60 Incident Energy (eV) 65-Tb-155

MAT 6513 Total kinematic kerma (high limit) 65-Tb-155
 Cross Section -89.70 To 9999. %



MAT 6513 Dpa total (eV-barns) 65-Tb-155
 Cross Section -98.62 To 9999. %



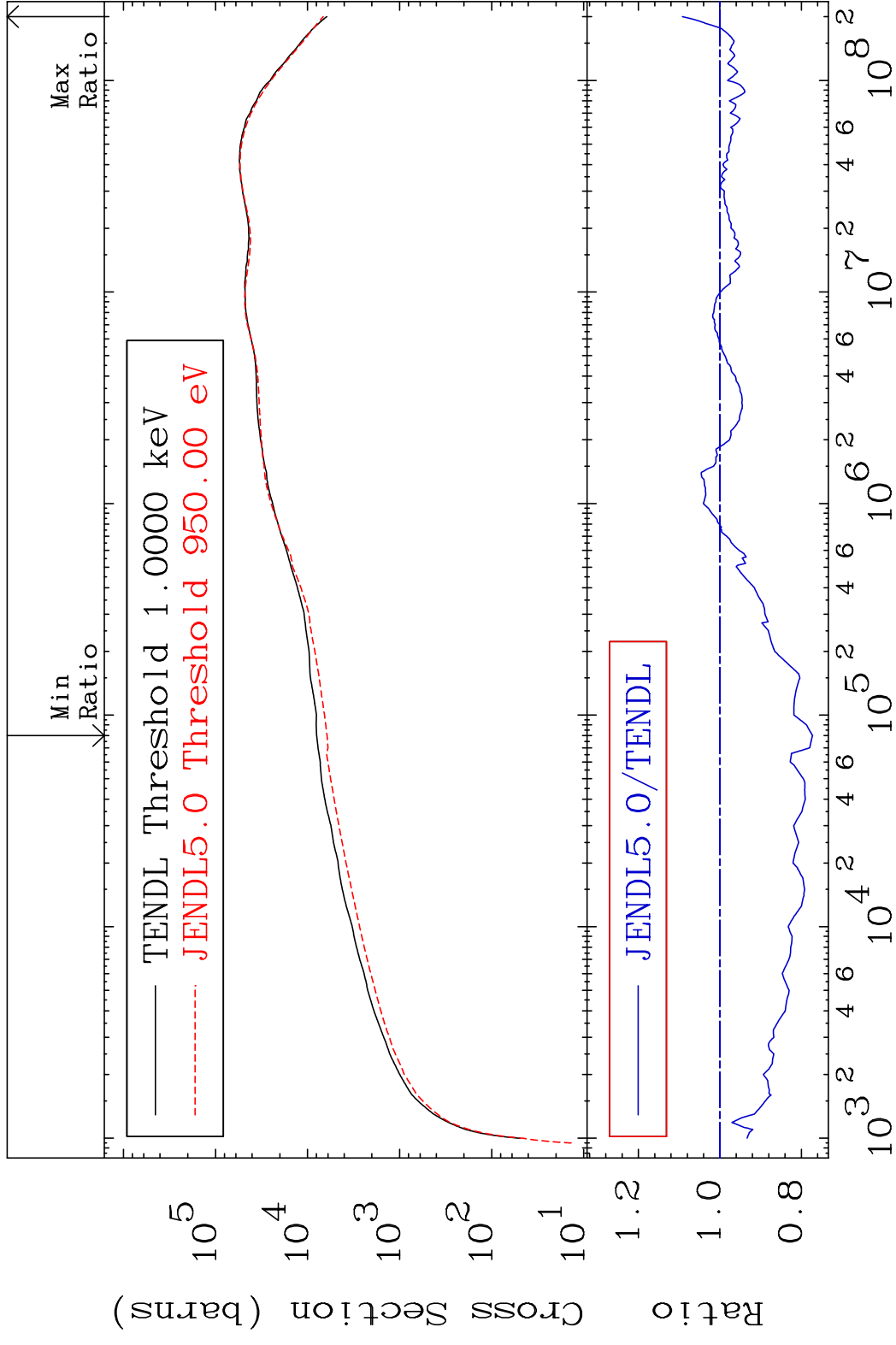
62 Incident Energy (eV) 65-Tb-155

MAT 6513

Dpa elastic (mt2)

65-Tb-155

Cross Section -22.76 To 9.218 %

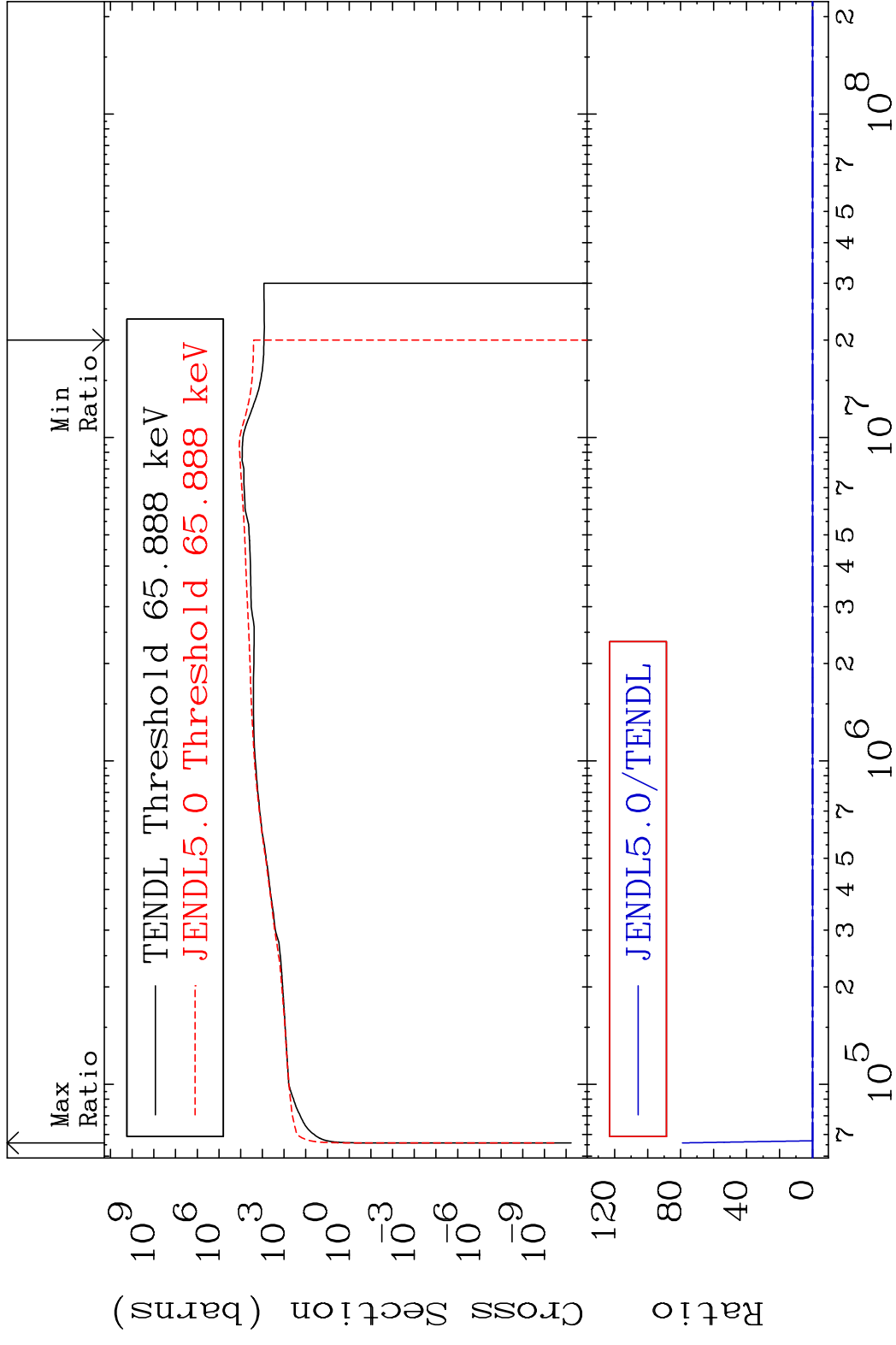


63

Incident Energy (eV)

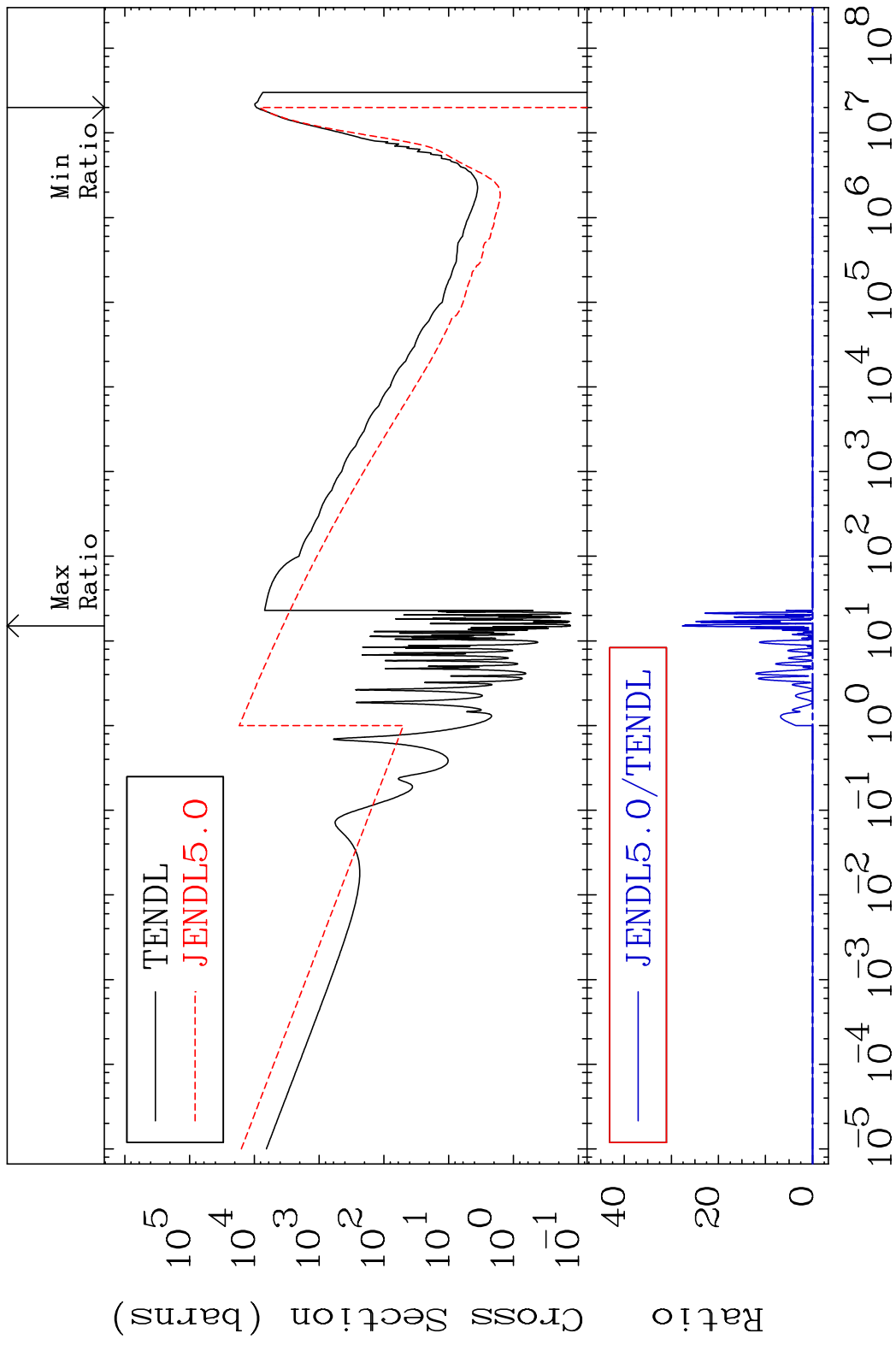
65-Tb-155

MAT 6513 Dpa inelastic (mt51-91) 65-Tb-155
 Cross Section -100.0 To 9999. %



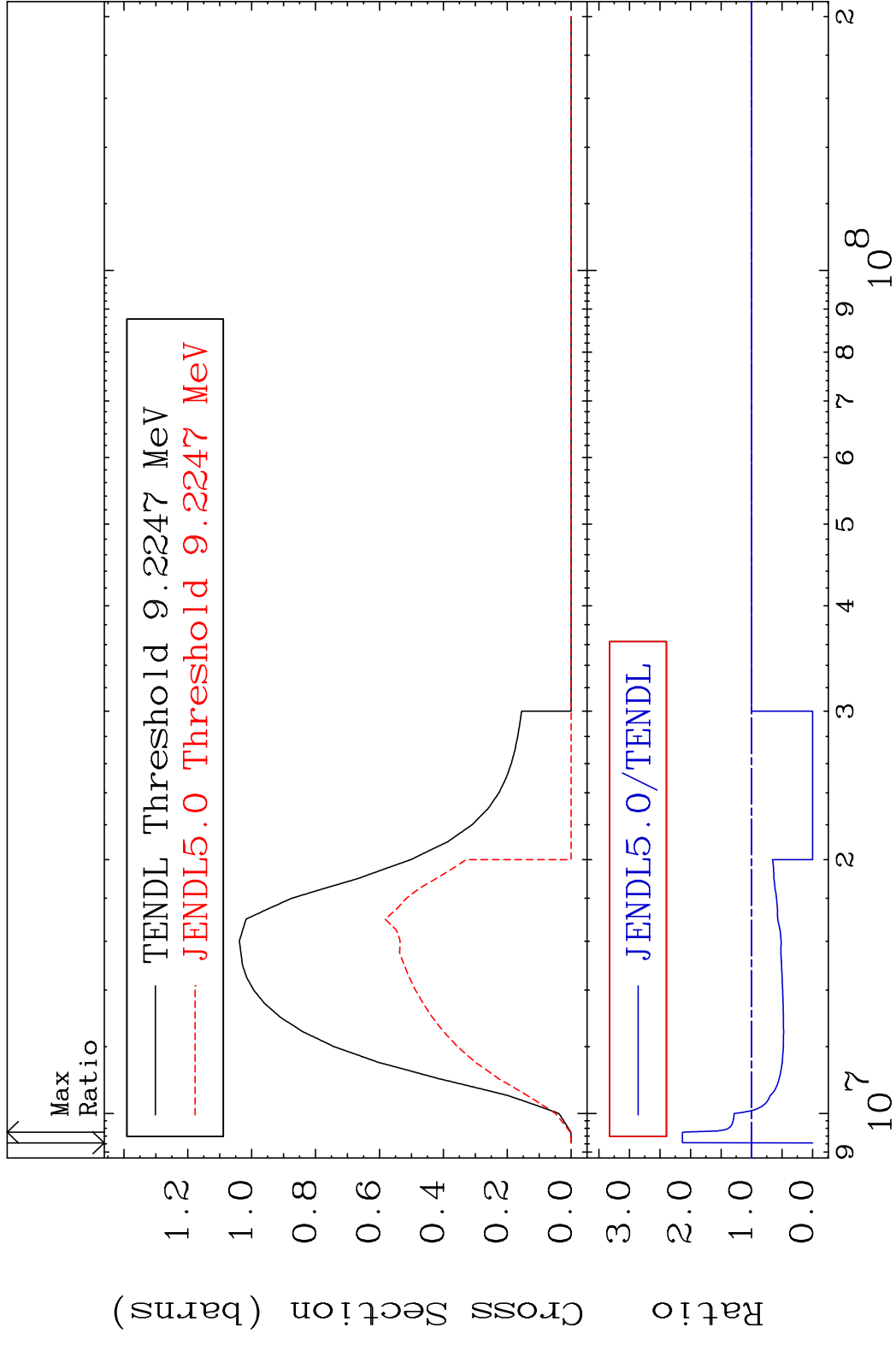
64 Incident Energy (eV) 65-Tb-155

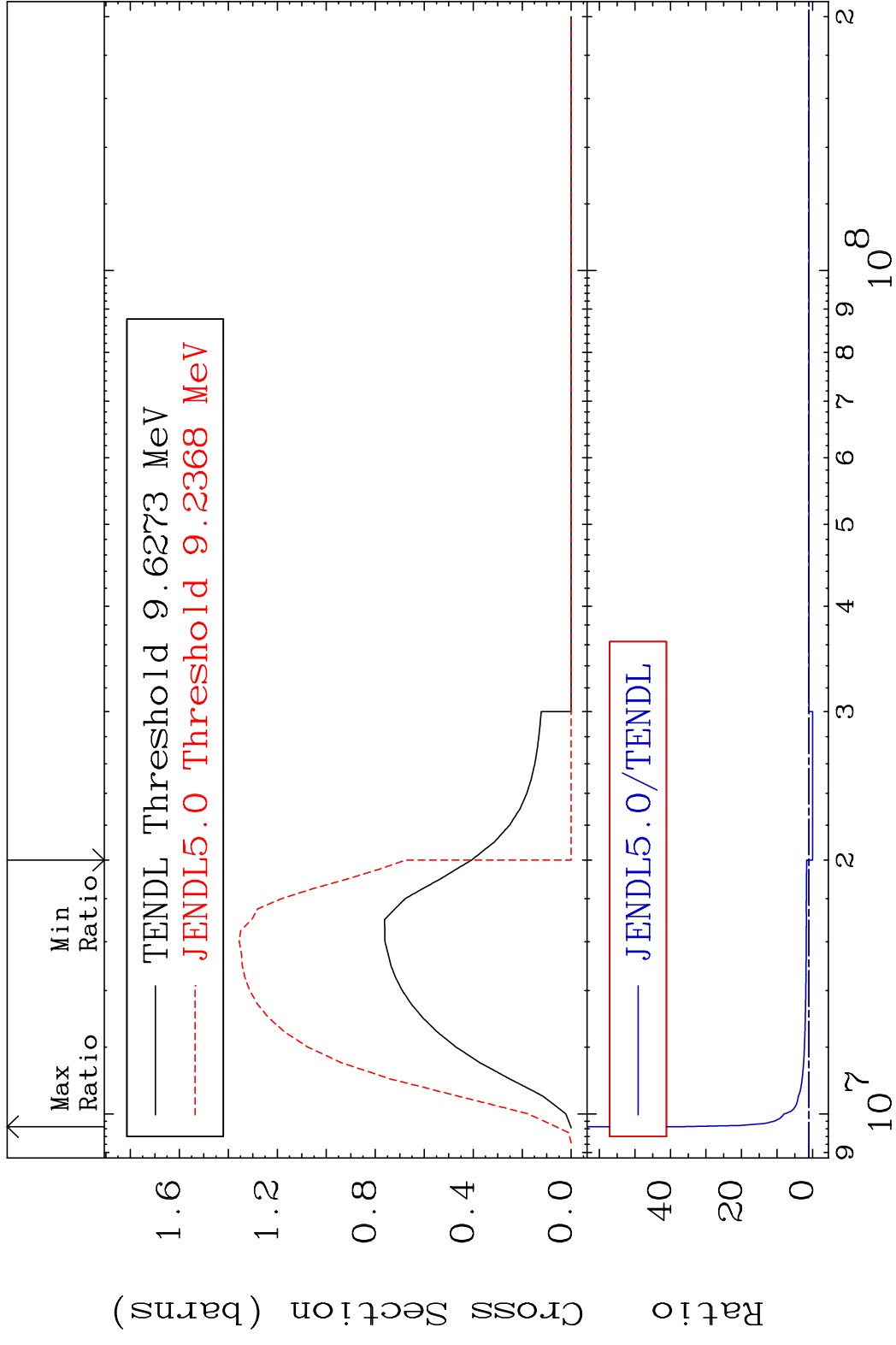
MAT 6513 Dpa disappearance (mt102 -120) 65-Tb-155
 Cross Section -100.0 To 9999. %



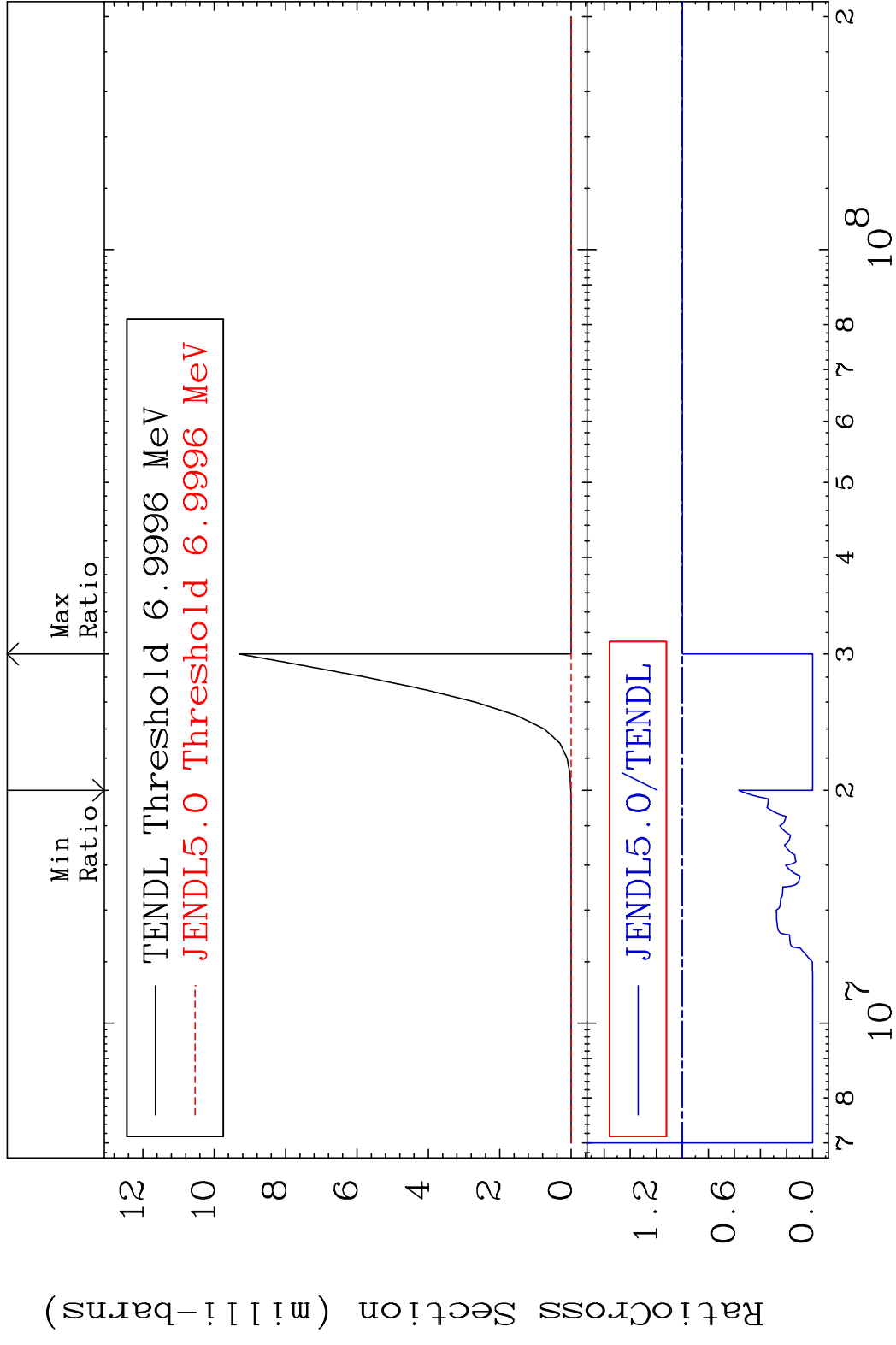
65 Incident Energy (eV) 65-Tb-155

MAT 6513 (n,2n):65-Tb-154g 65-Tb-155
 Radionuclide Production Cross Section 180.0 mb 113.4 %





MAT 6513 (n,2n) α :63-Eu-150g 65-Tb-155
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 6513 (n,2n) α :63-Eu-150m1 65-Tb-155
 Radionuclide Production Cross Section 180.01 dth 0.000 %

