

Program Complot
(Version 2021-1)

by

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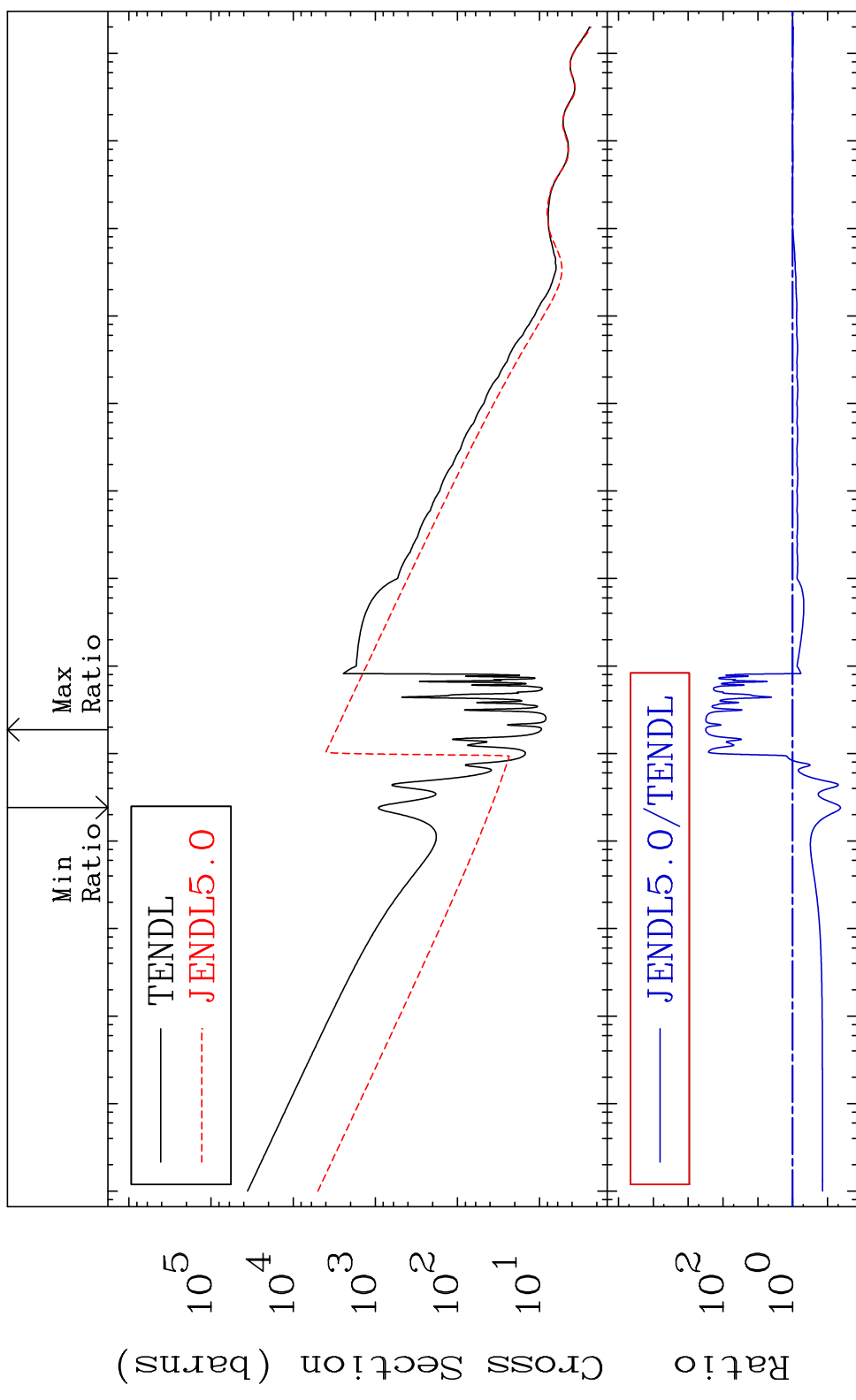
Press Mouse Button to Start

MAT 6522

Total

65-Tb-158

Cross Section -95.74 To 9999. %



1

Incident Energy (eV)

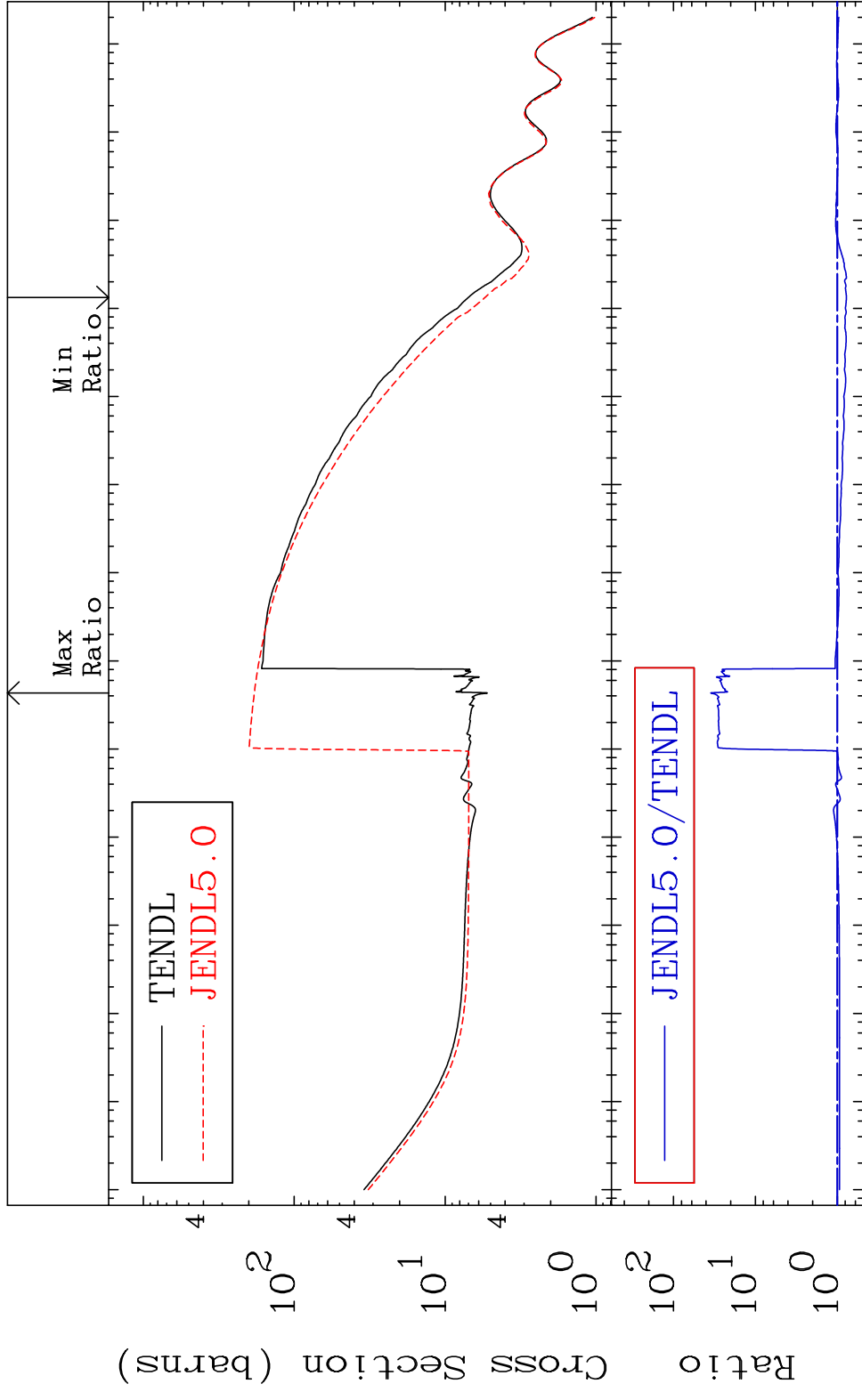
65-Tb-158

MAT 6522

65-Tb-158

Elastic

Cross Section -22.49 To 3412. %

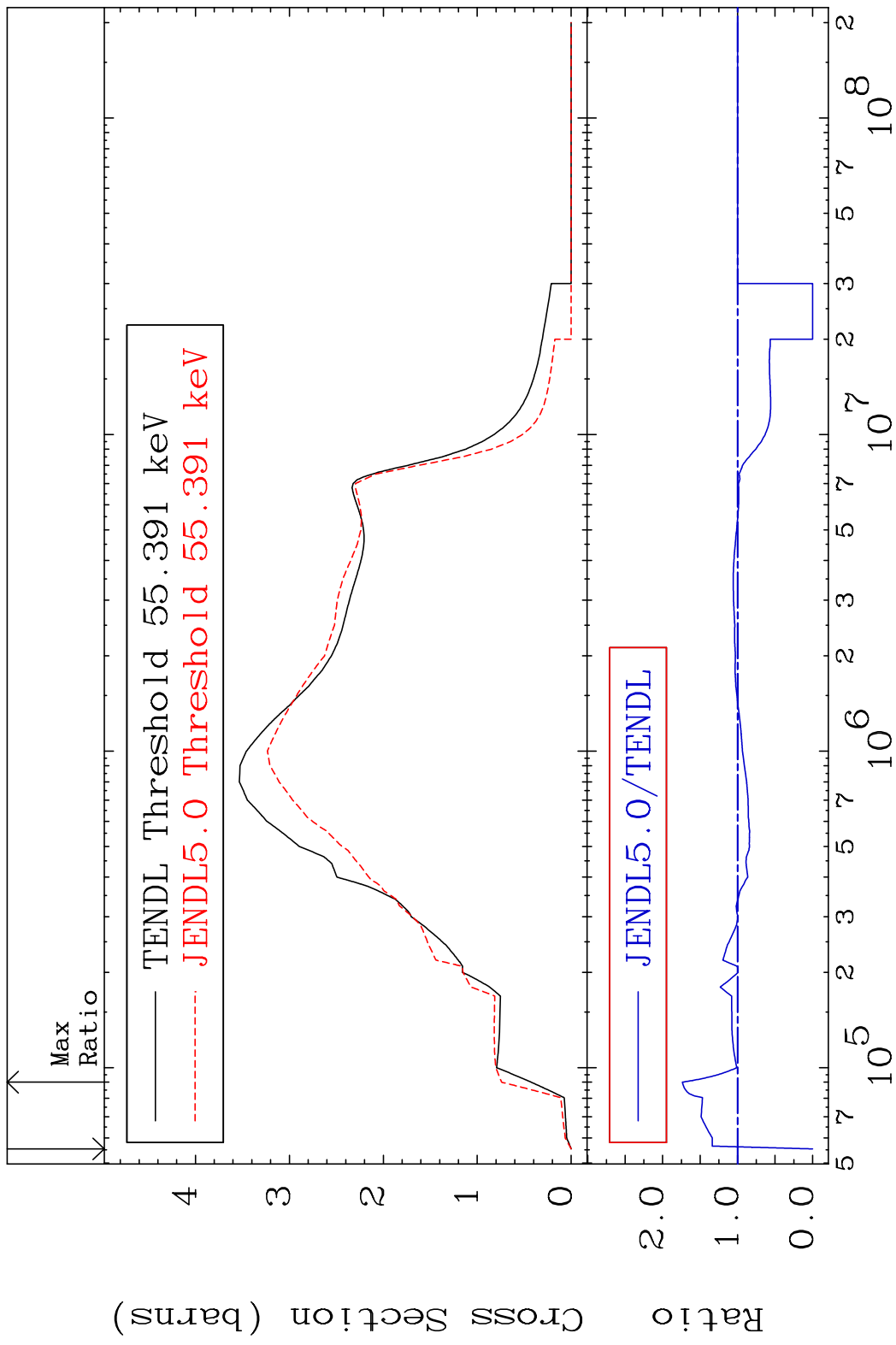


2

Incident Energy (eV)

65-Tb-158

MAT 6522 Inelastic 65-Tb-158
 Cross Section -100.0 To 73.73 %



3 Incident Energy (eV) 65-Tb-158

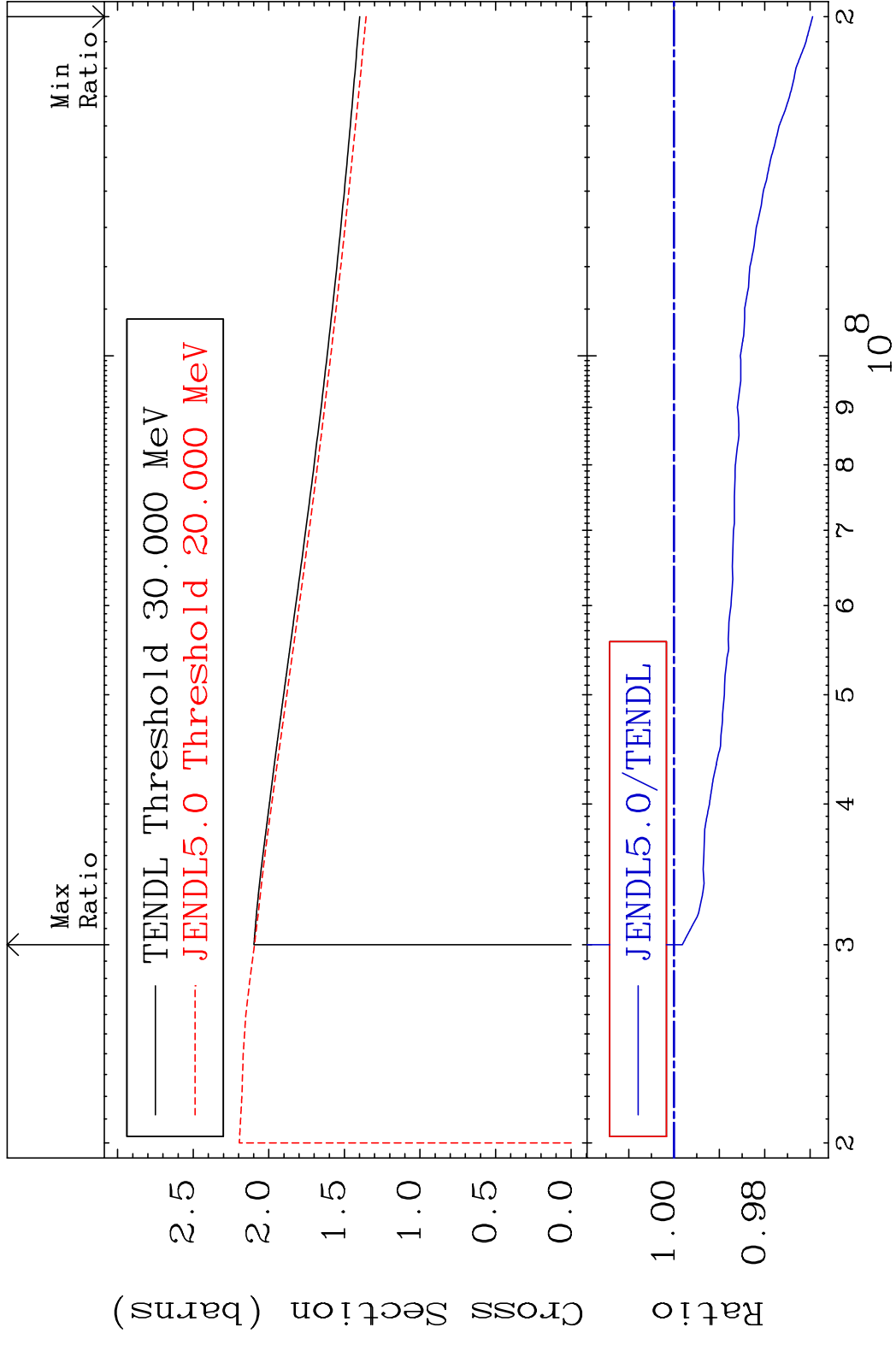
MAT 6522

(n, remainder)

65-Tb-158

Cross Section

-3.053 To -0.183%

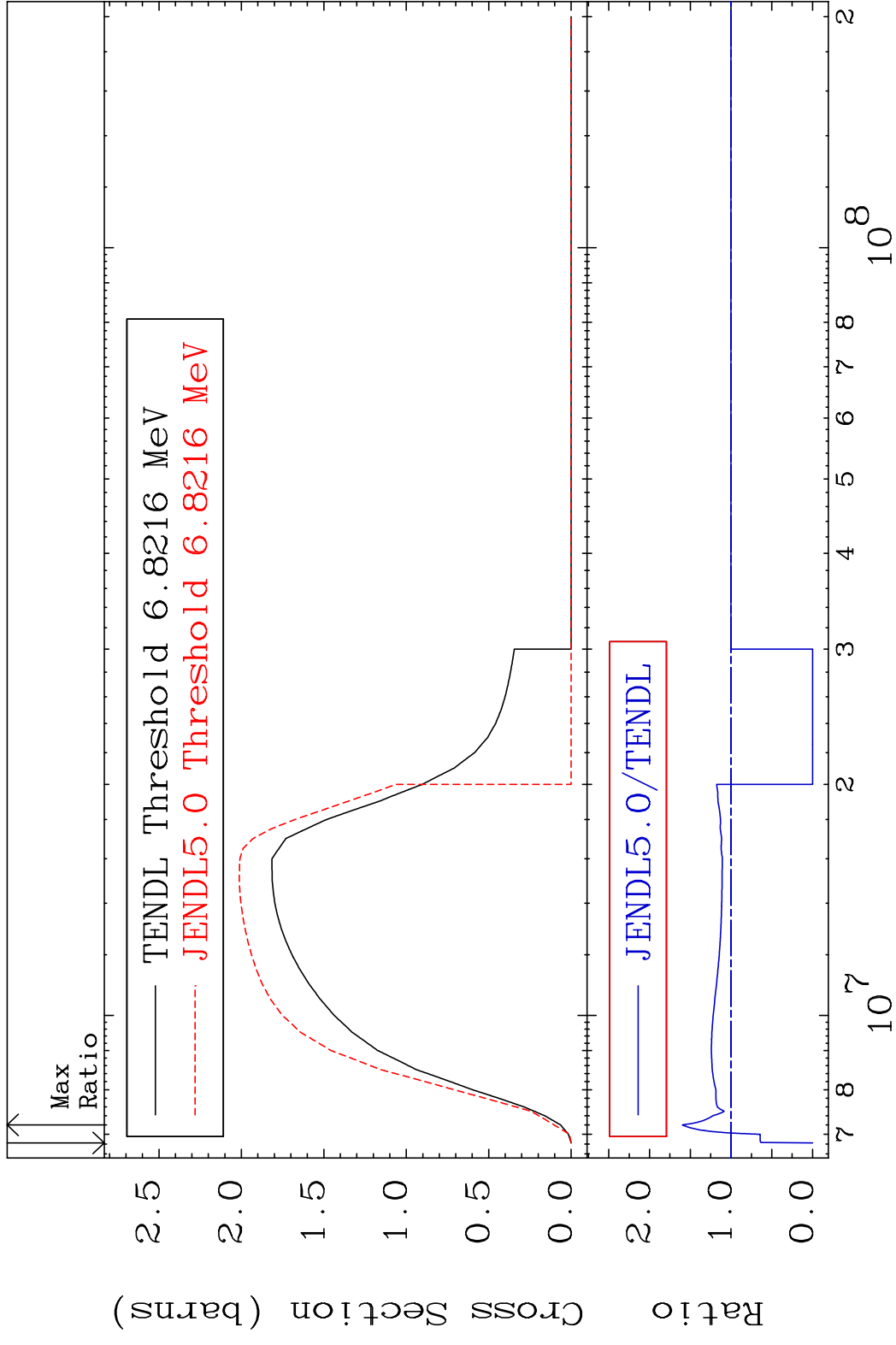


4

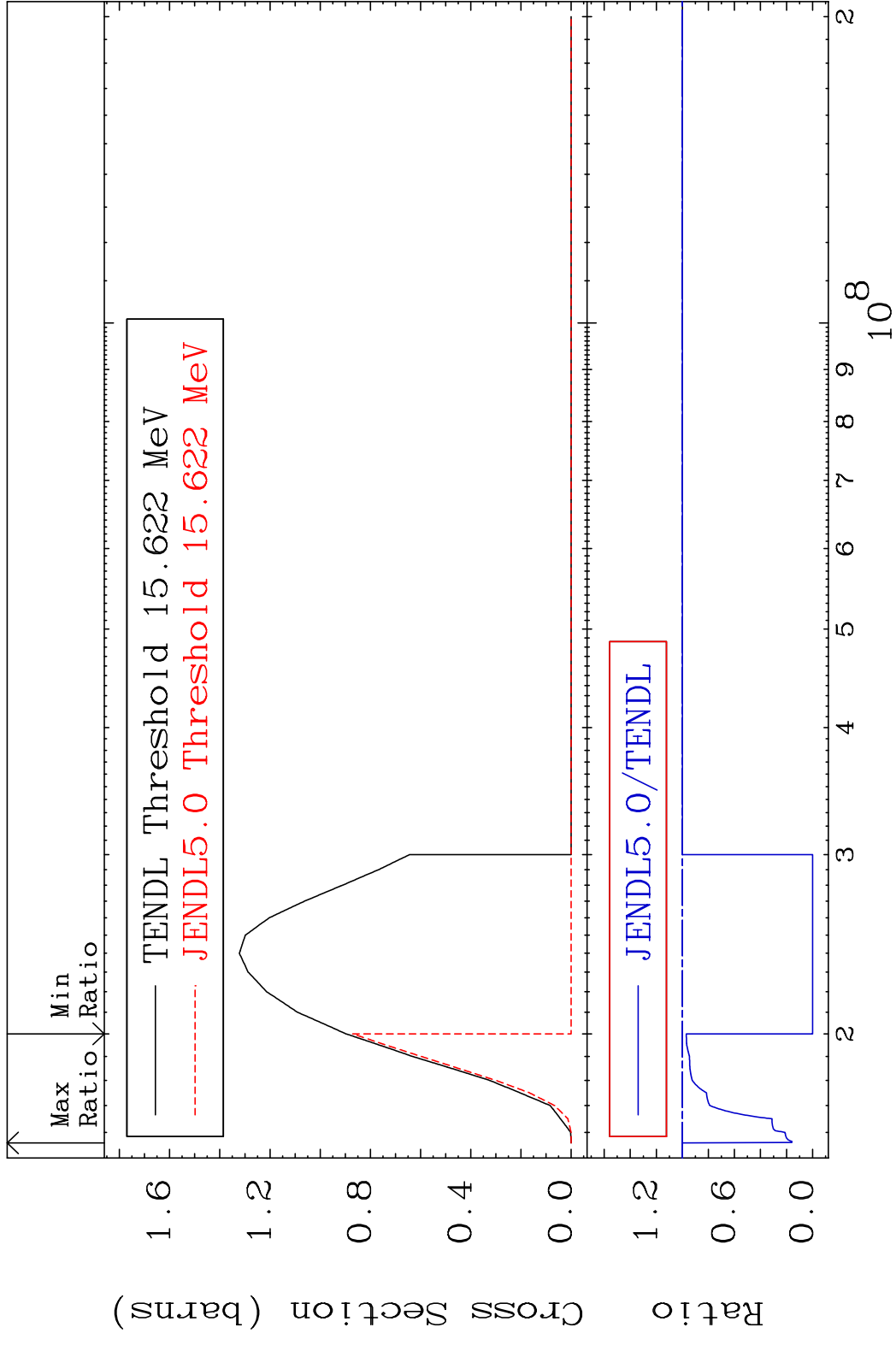
Incident Energy (eV)

65-Tb-158

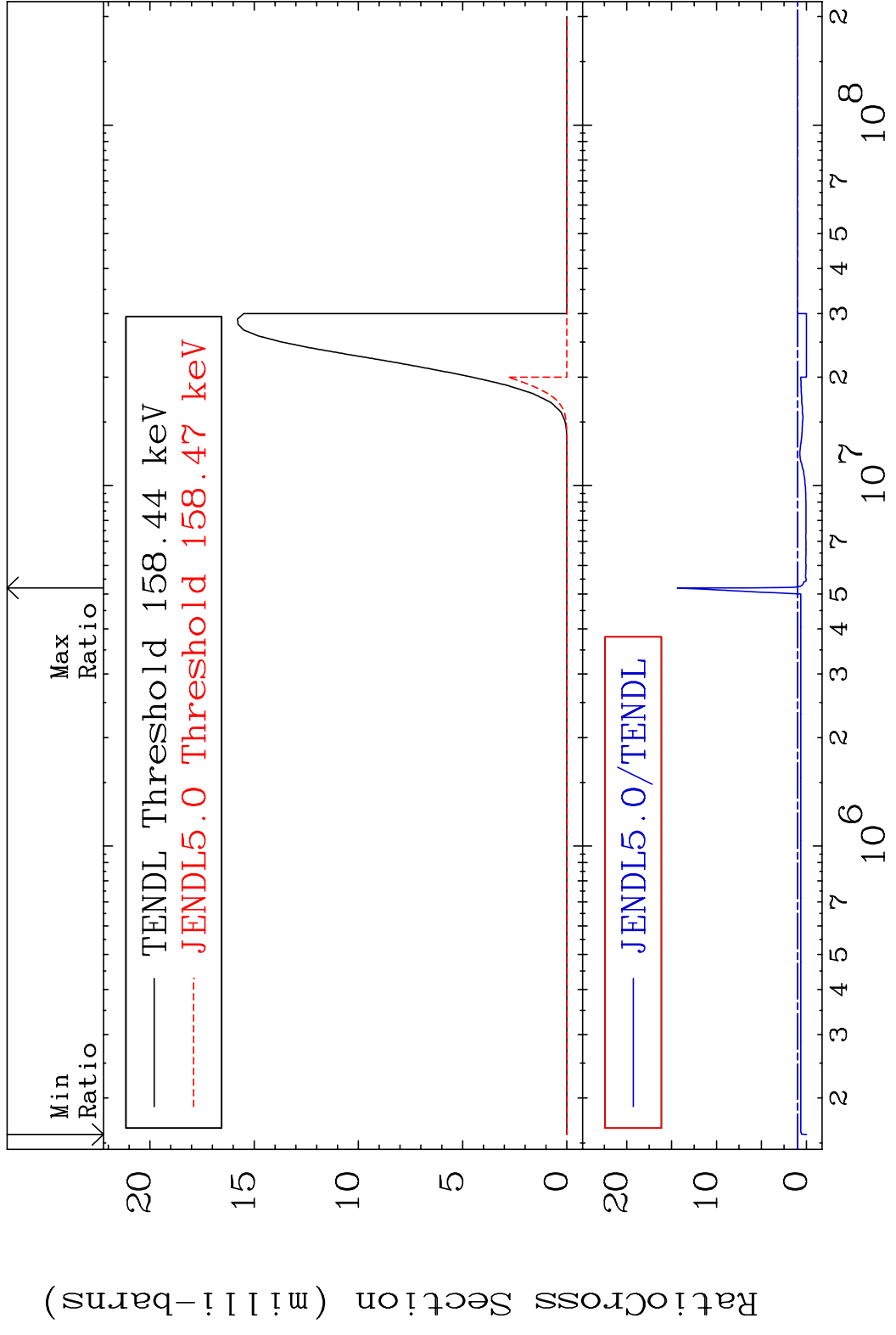
MAT 6522 (n,2n) 65-Tb-158
 Cross Section -100.0 To 59.75 %



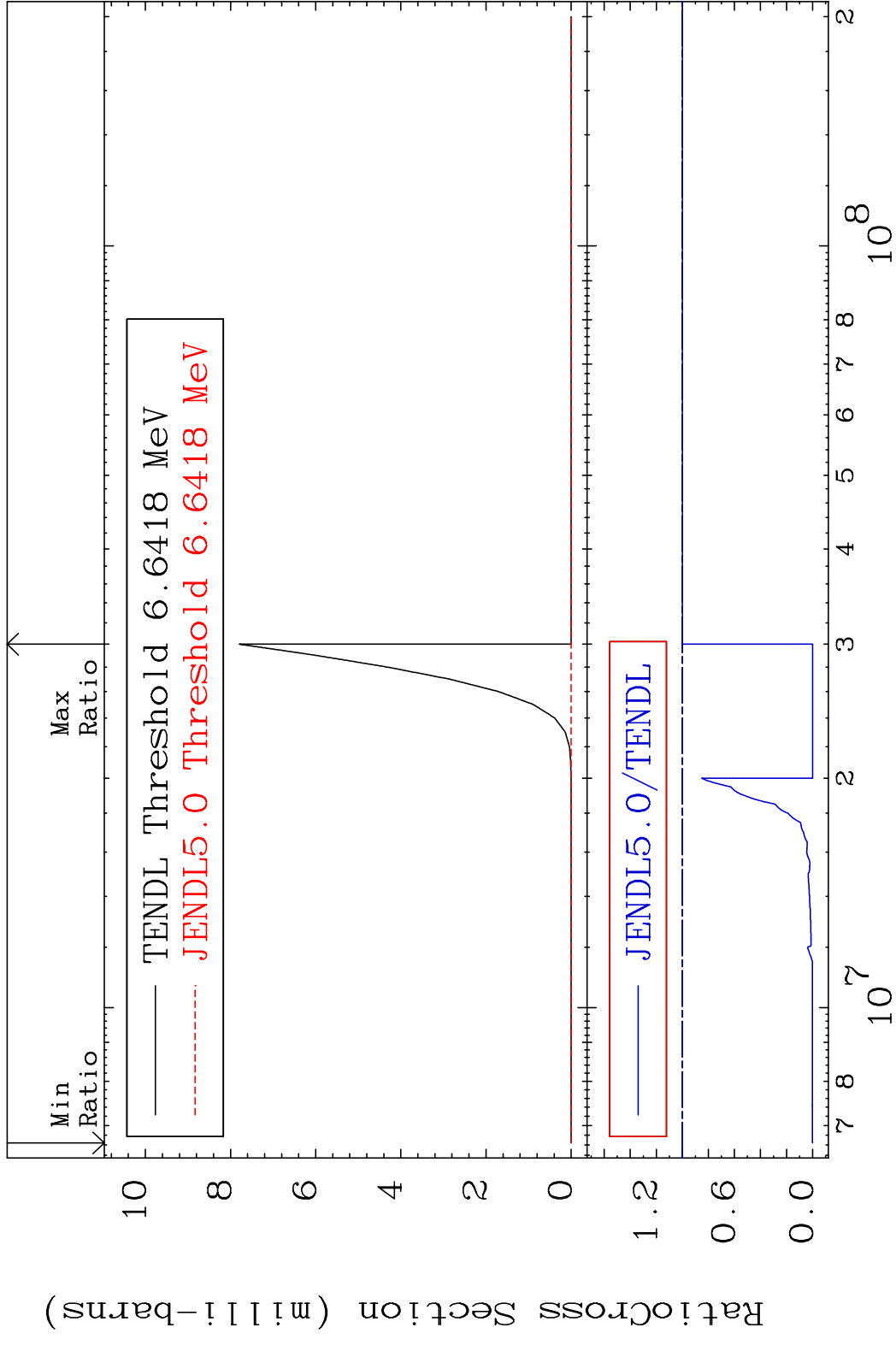
MAT 6522 (n,3n) 65-Tb-158
 Cross Section -100.0 To 0.000 %



MAT 6522 (n, n') α 65-Tb-158
 Cross Section -100.0 To 1339. %

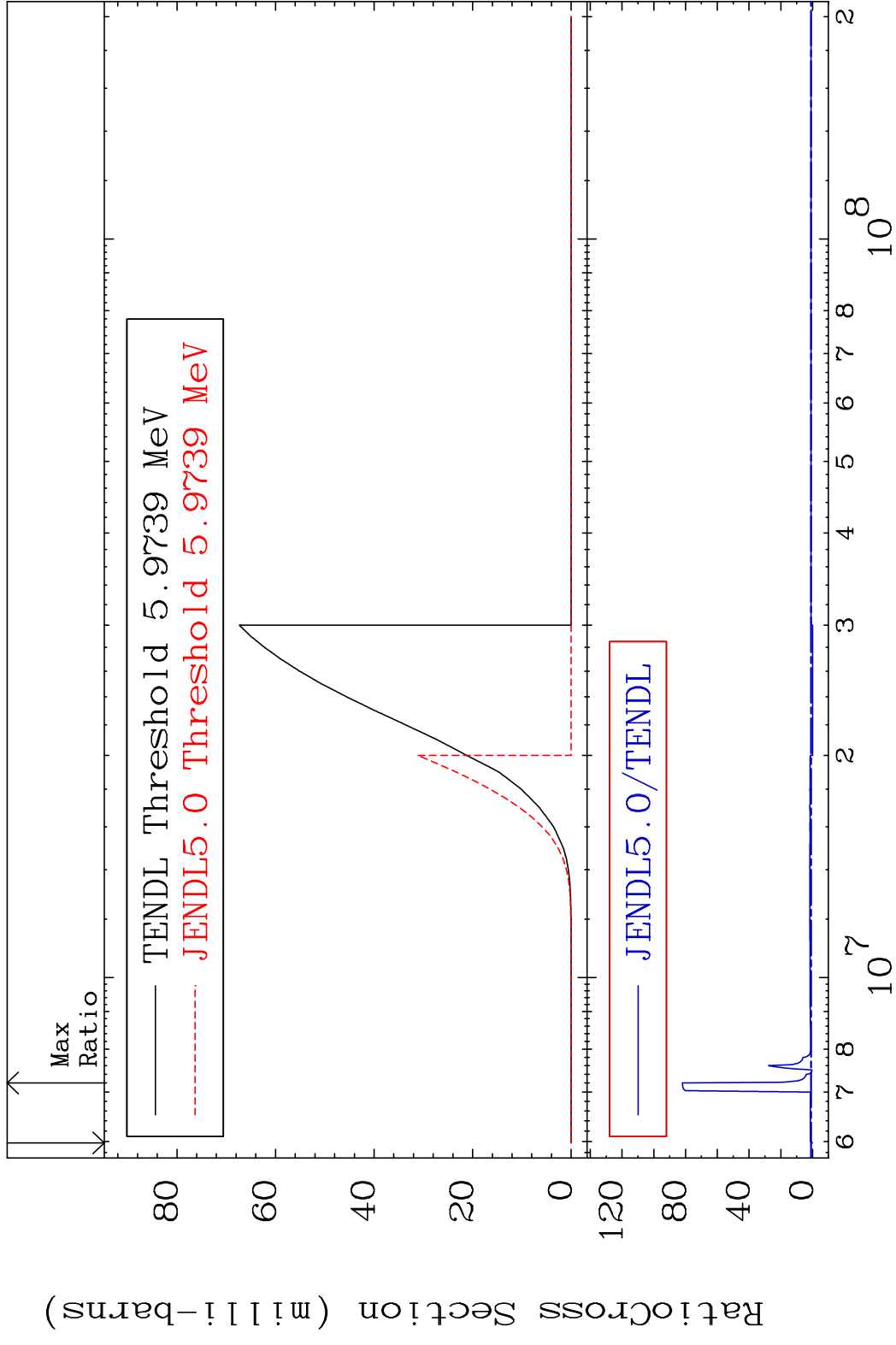


MAT 6522 (n,2n) α 65-Tb-158
 Cross Section -100.0 To 0.000 %



8 Incident Energy (eV) 65-Tb-158

MAT 6522 (n, n') p 65-Tb-158
 Cross Section -100.0 To 8100. %

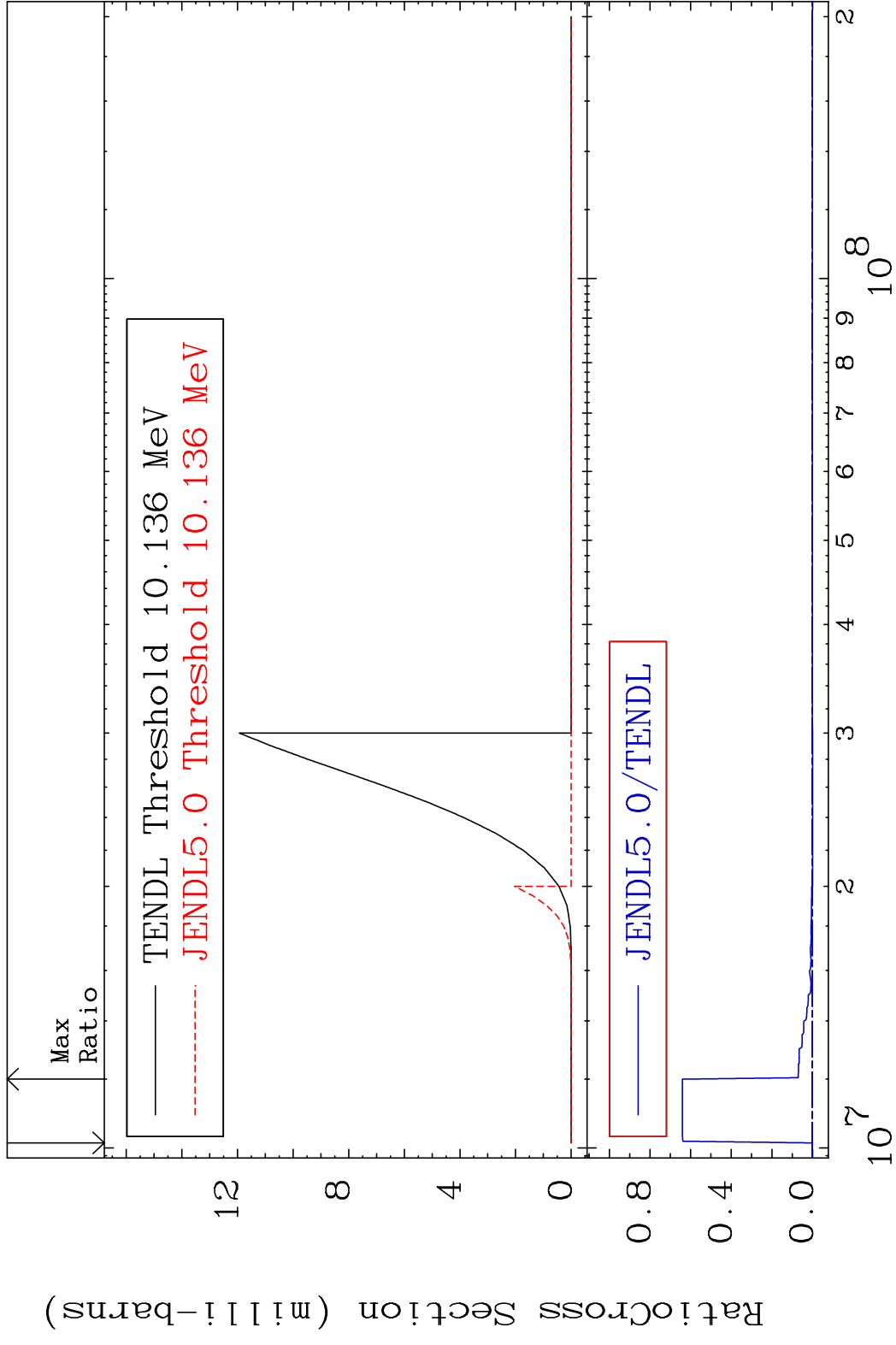


MAT 6522

(n, n') d

65-Tb-158

Cross Section -100.0 To 9999. %

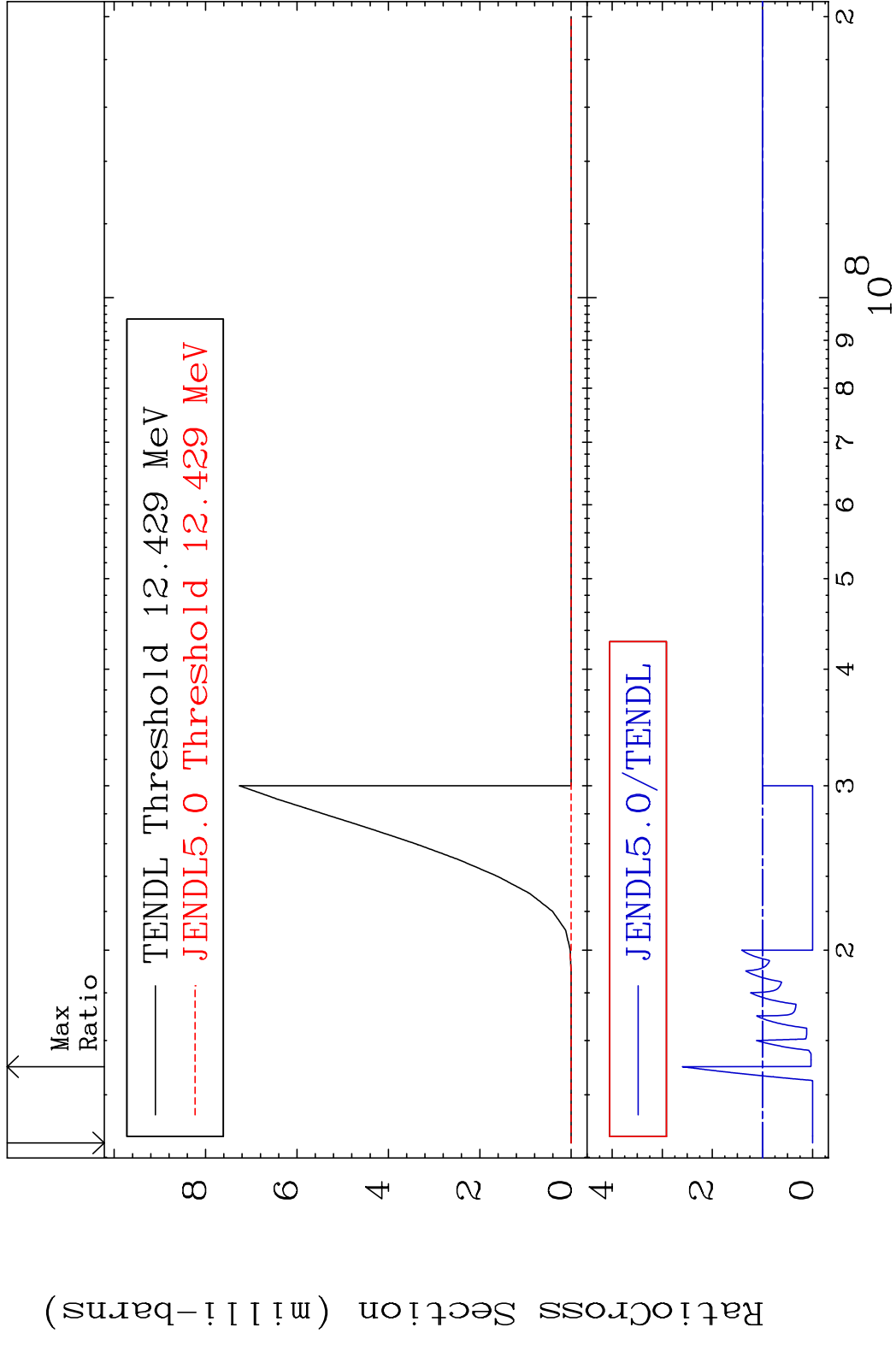


10

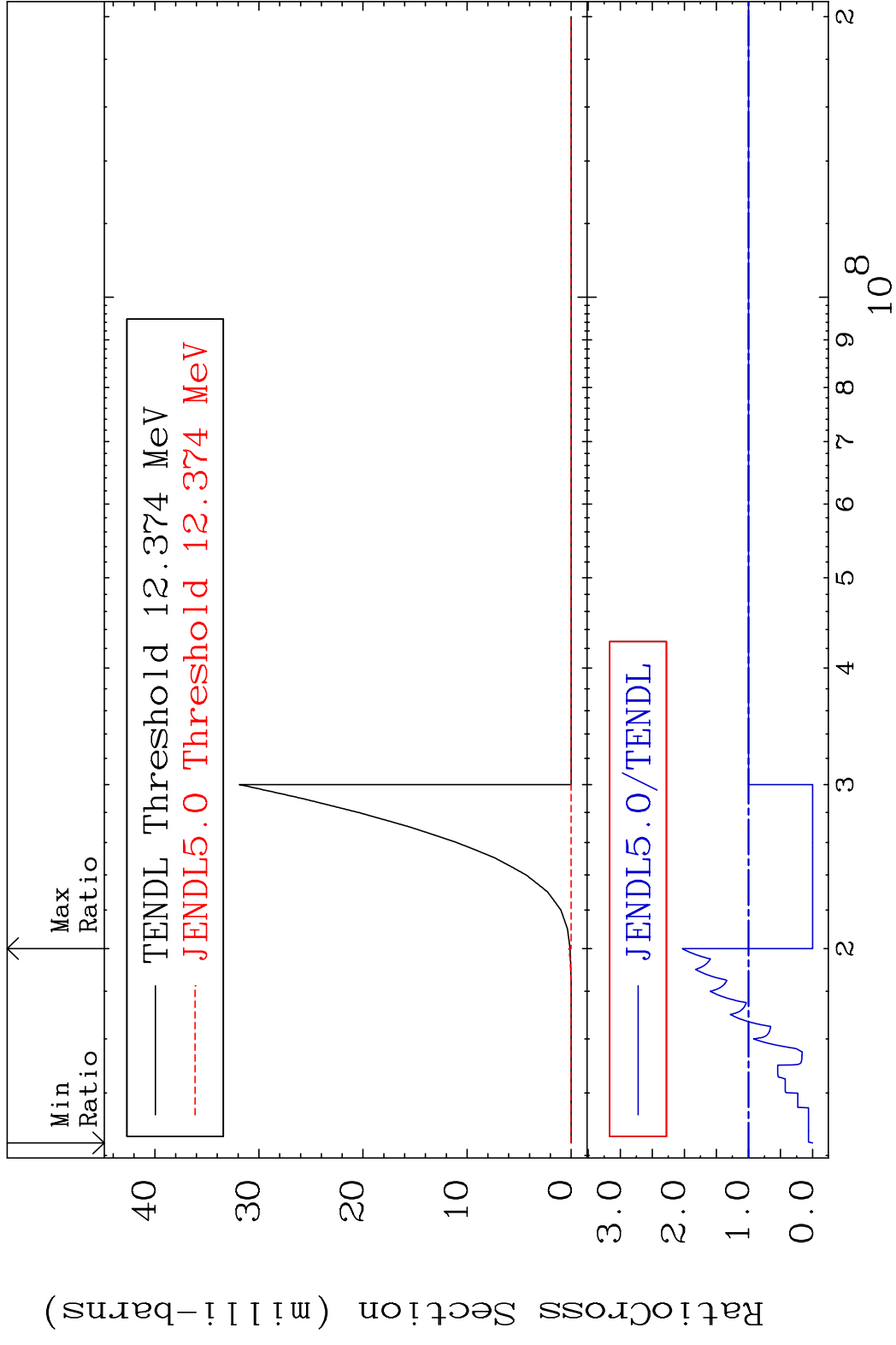
Incident Energy (eV)

65-Tb-158

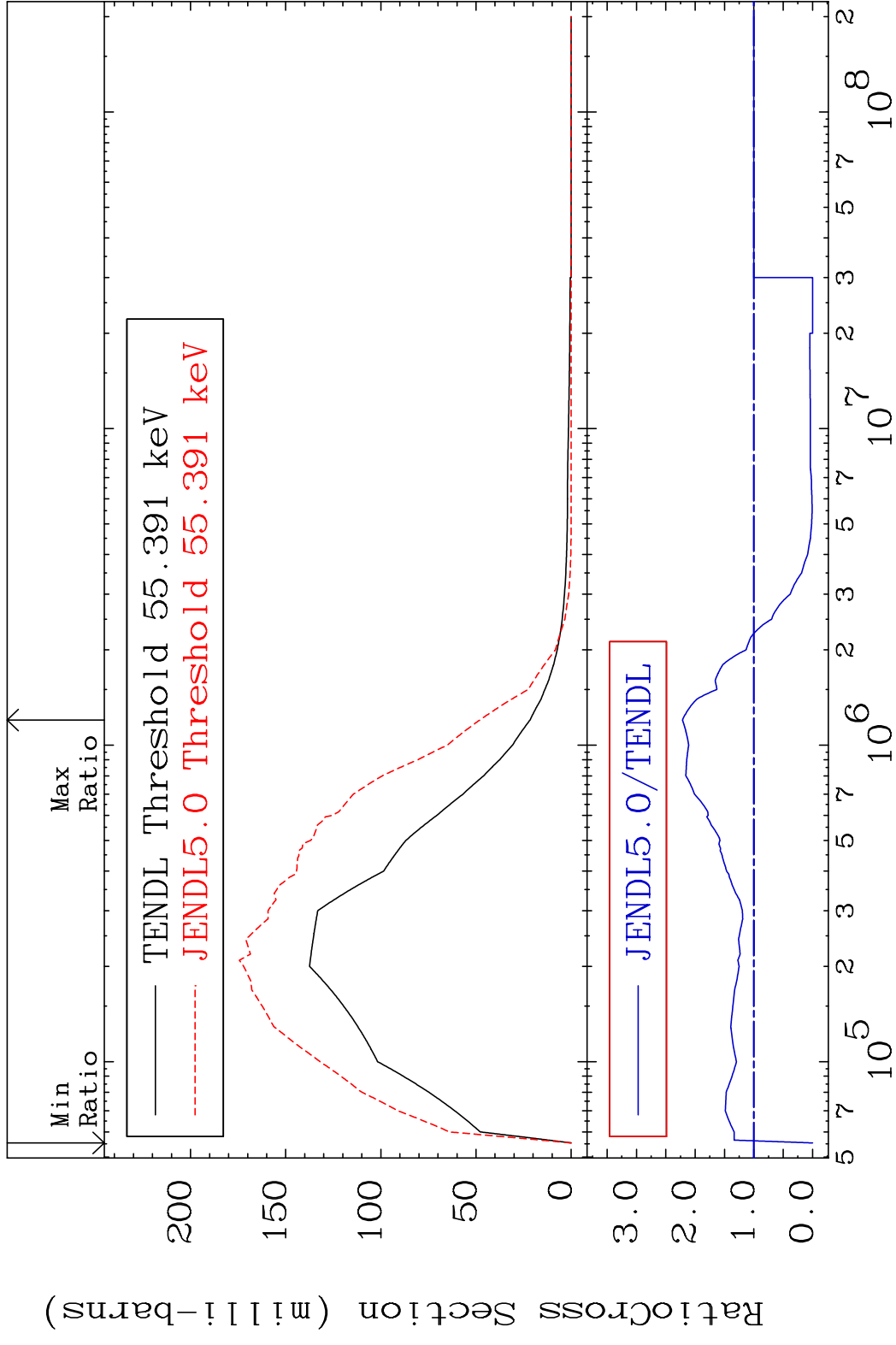
MAT 6522 (n, n') t 65-Tb-158
 Cross Section -100.0 To 159.9 %



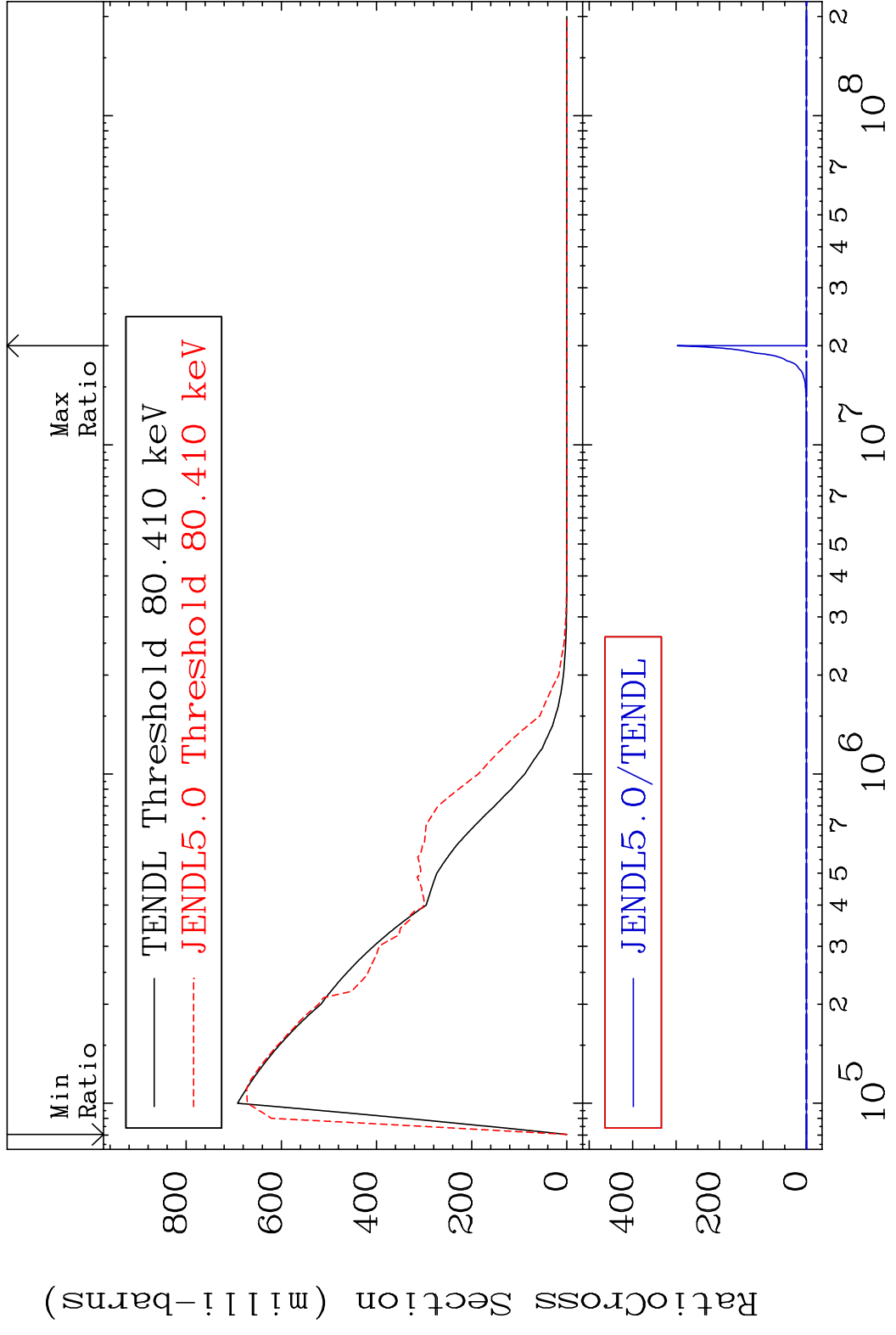
MAT 6522 (n,2n) p 65-Tb-158
 Cross Section -100.0 To 103.1 %



MAT 6522 MT= 51 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 121.8 %

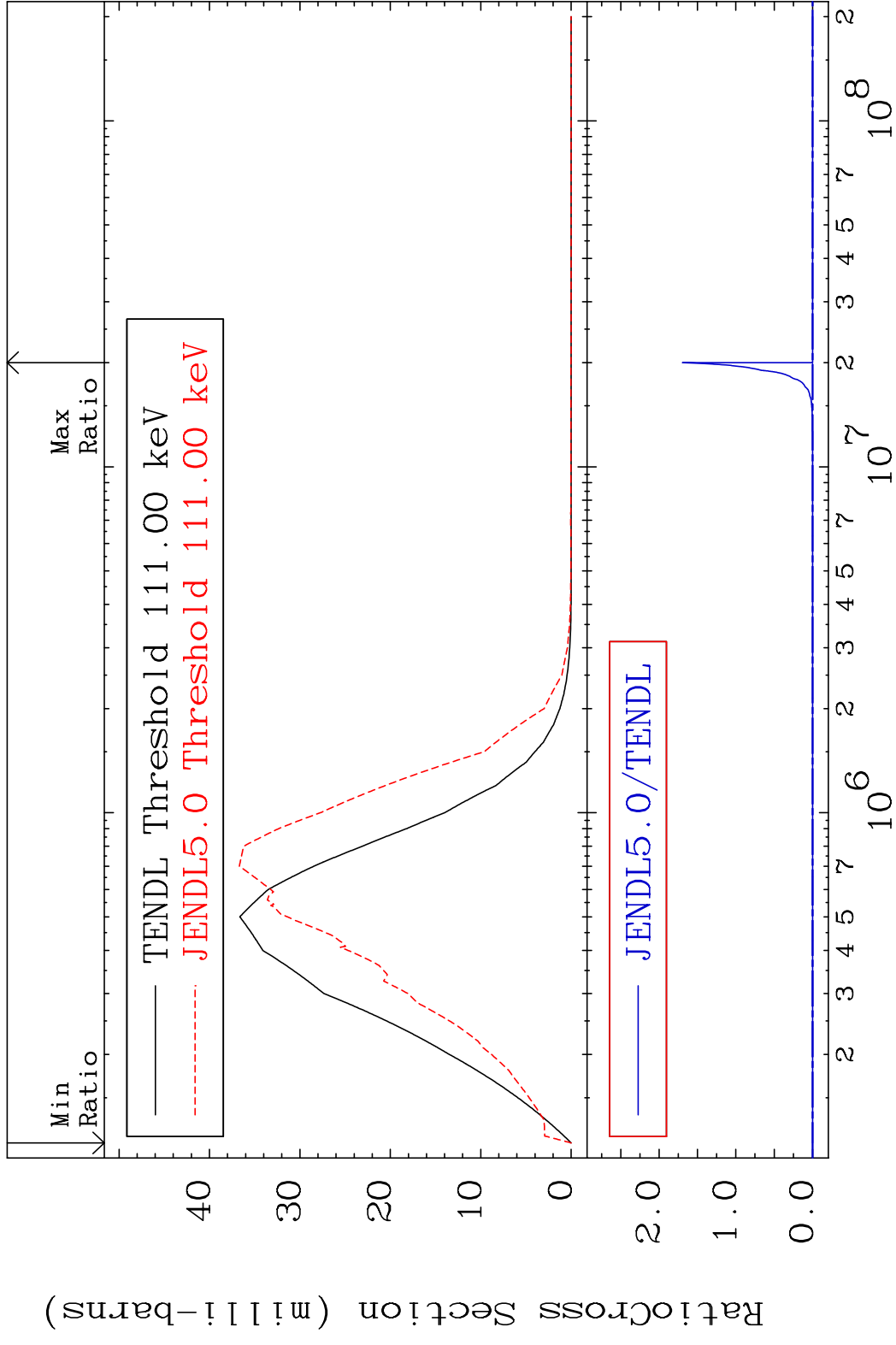


MAT 6522 MT= 52 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %

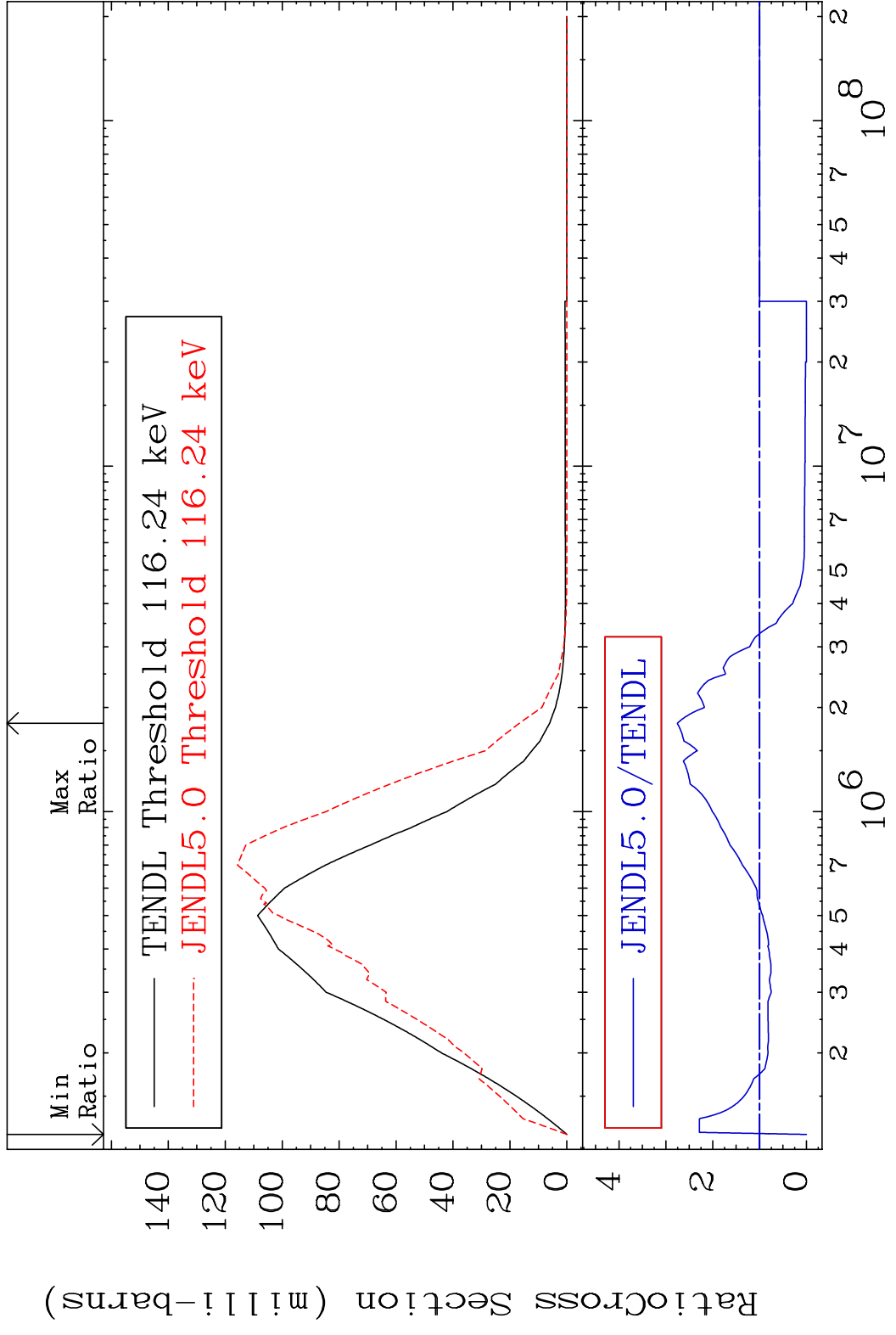


14 65-Tb-158

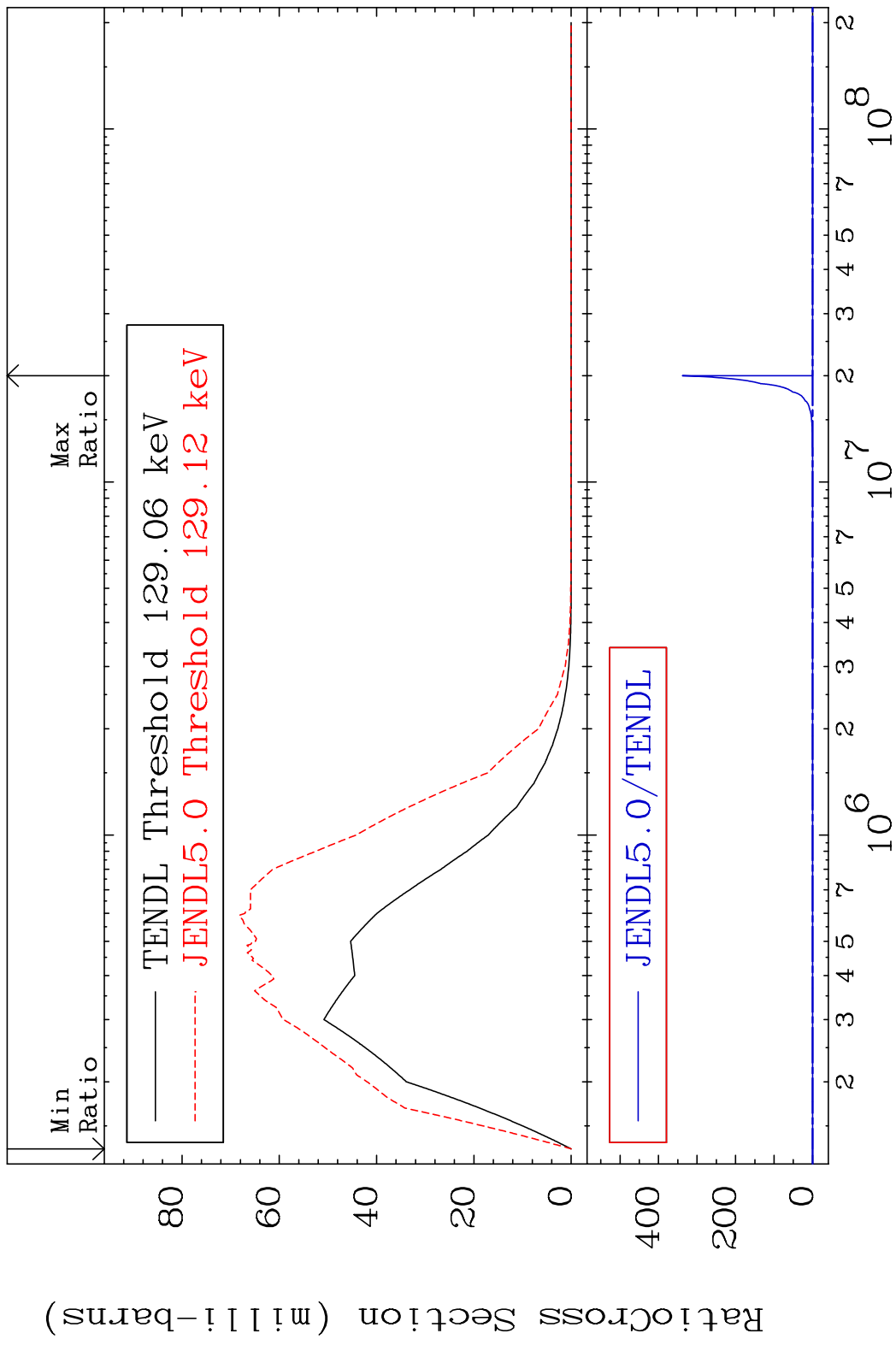
MAT 6522 MT= 53 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



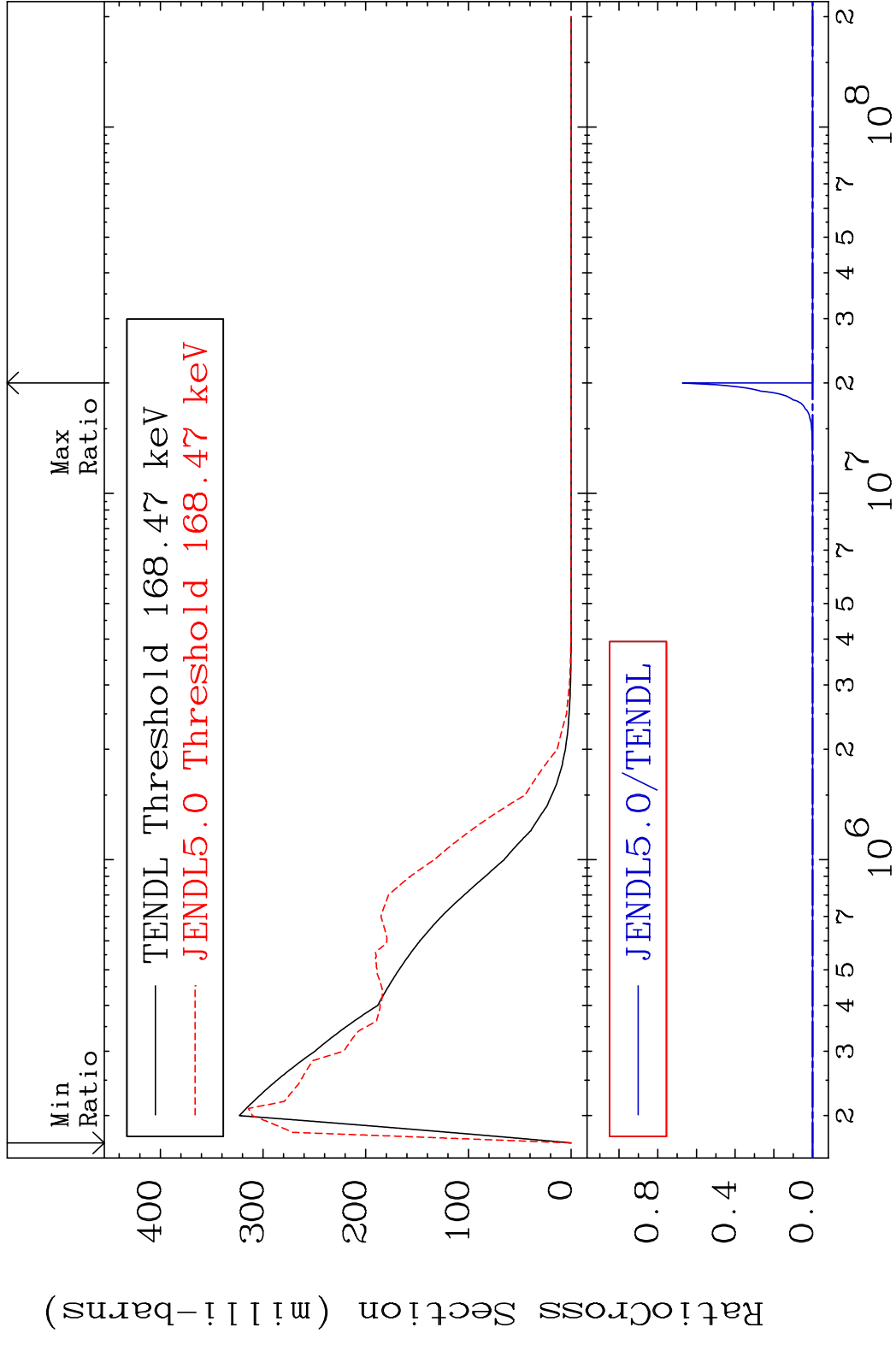
MAT 6522 MT= 54 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 175.8 %



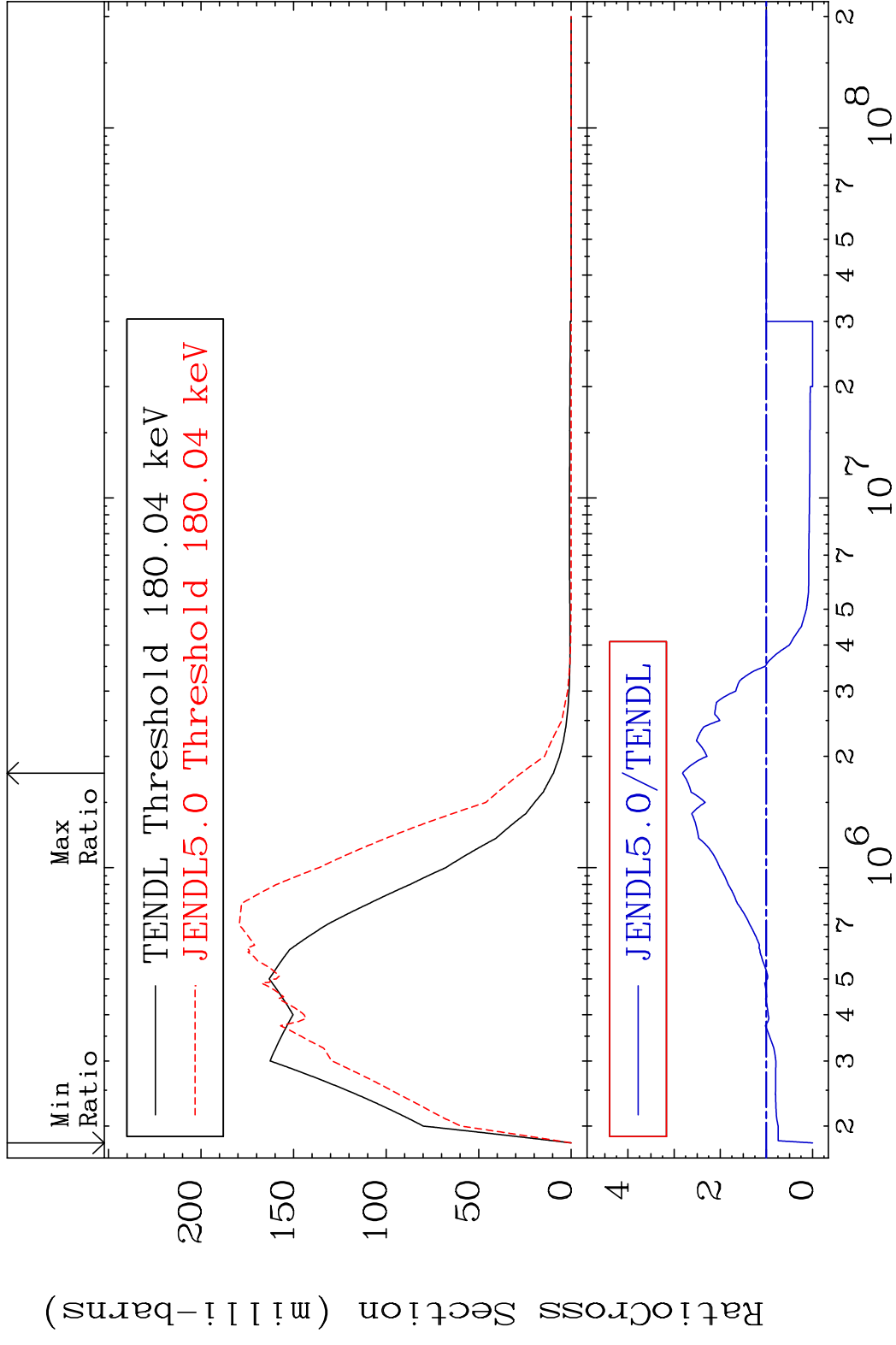
MAT 6522 MT= 55 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



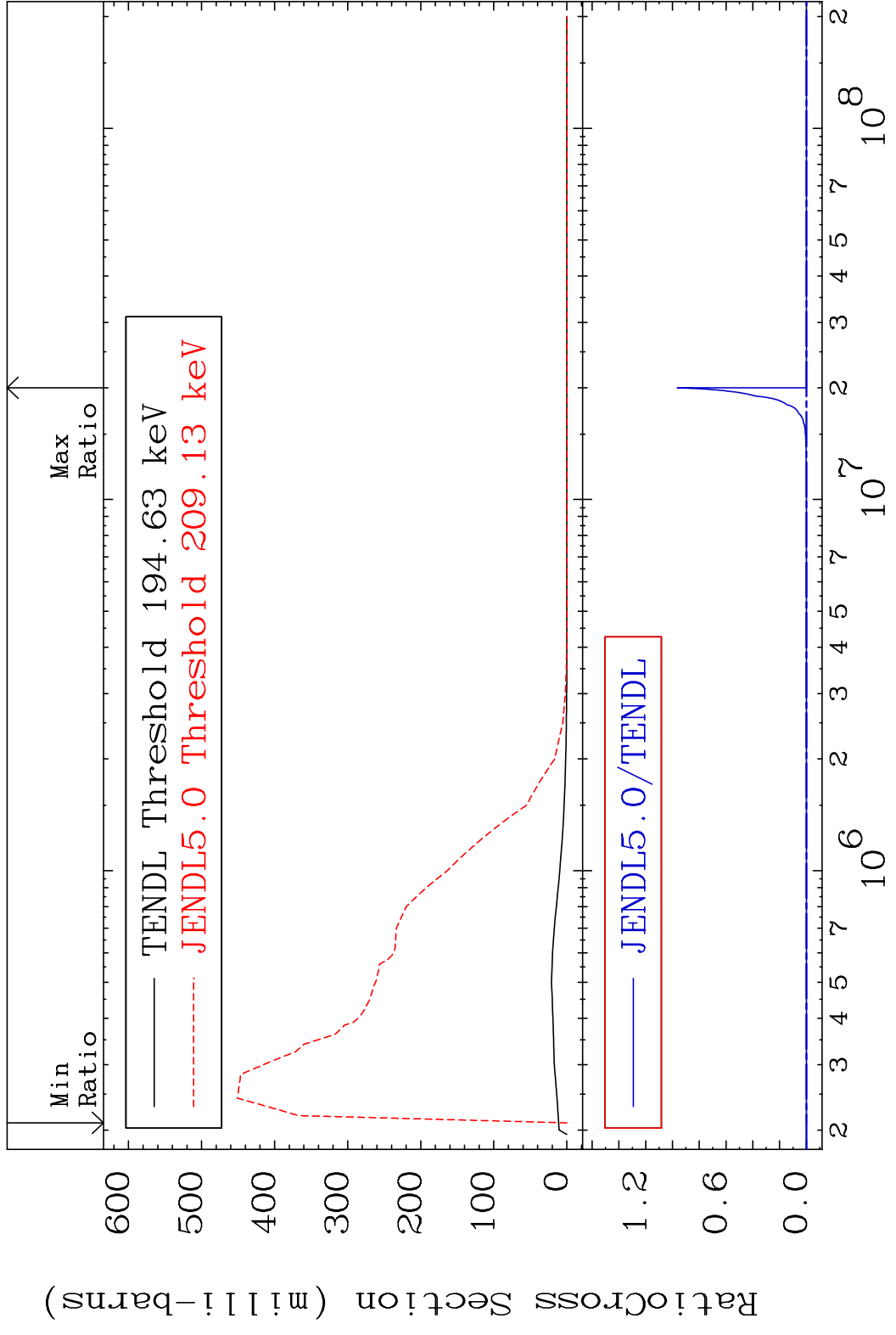
MAT 6522 MT= 56 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



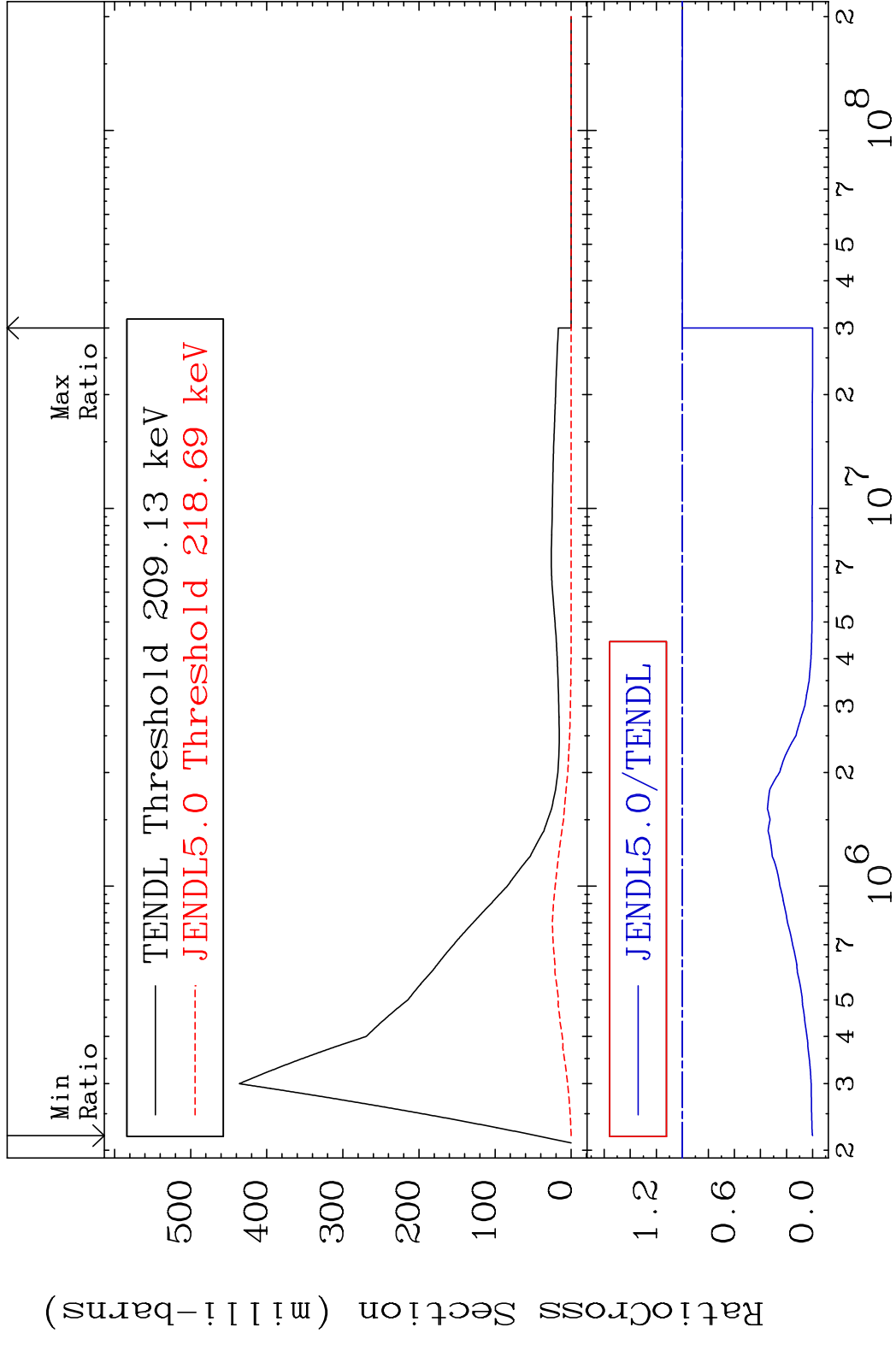
MAT 6522 MT= 57 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 182.1 %



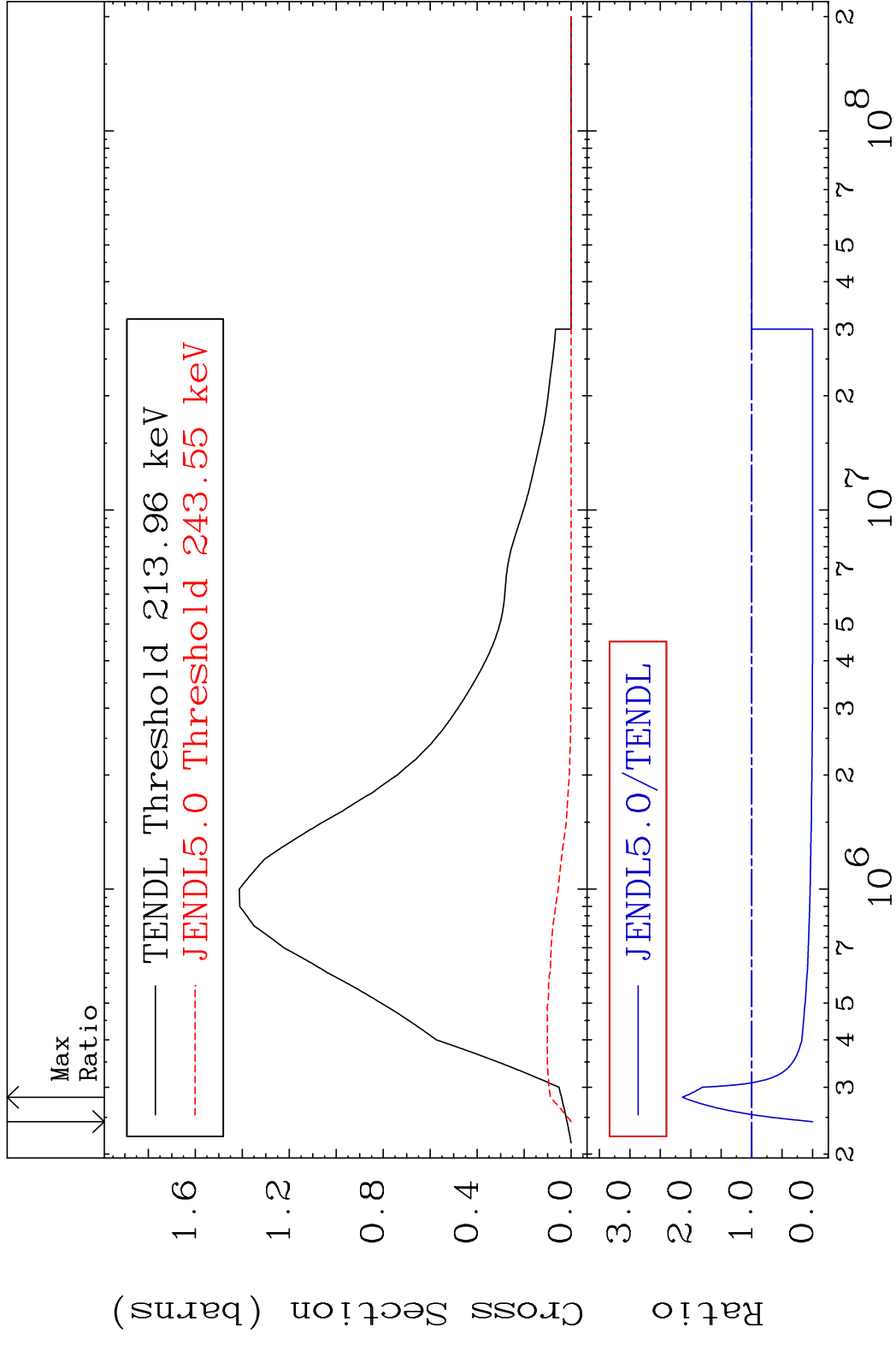
MAT 6522 MT= 58 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



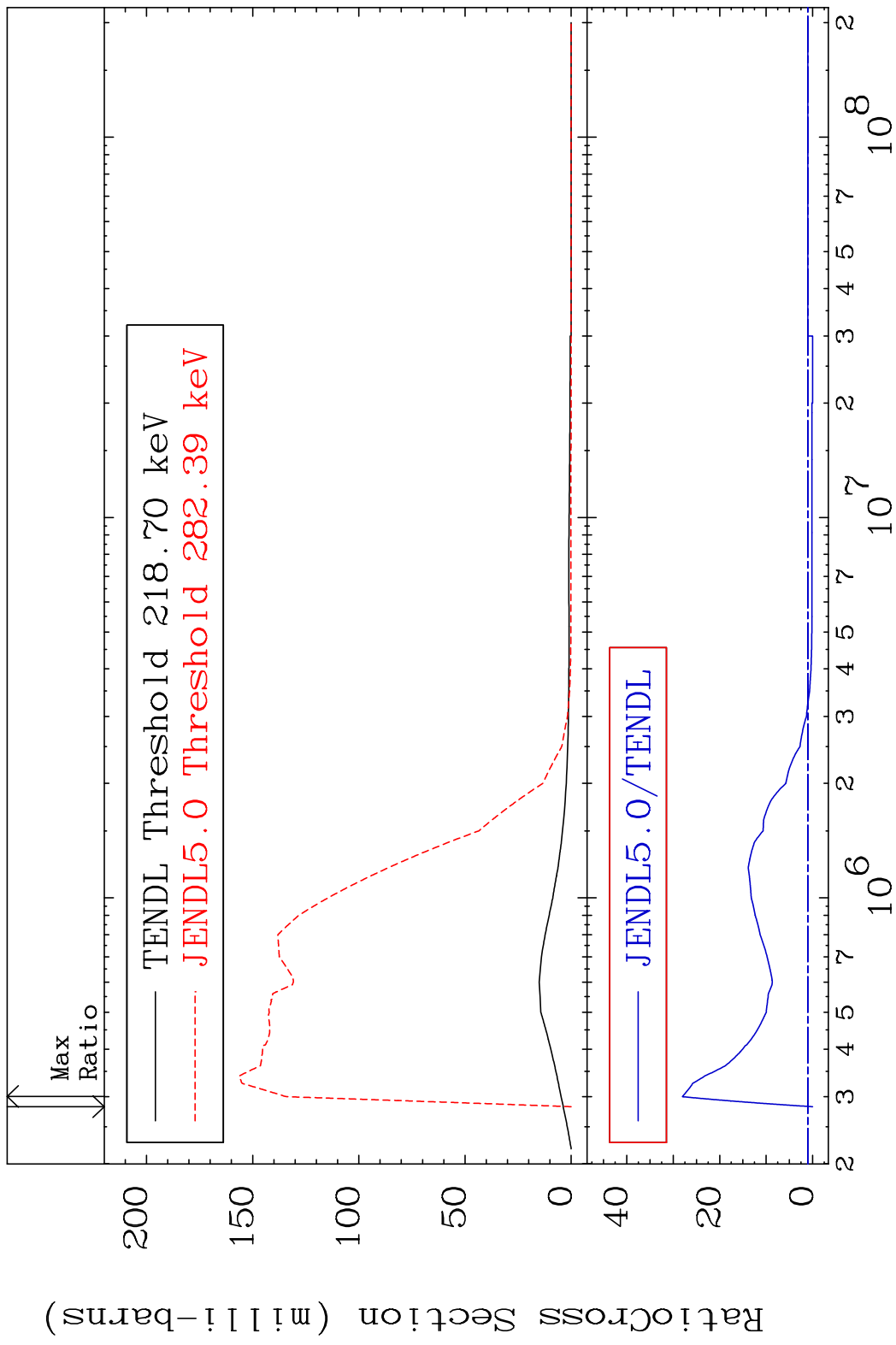
MAT 6522 MT= 59 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 0.000 %



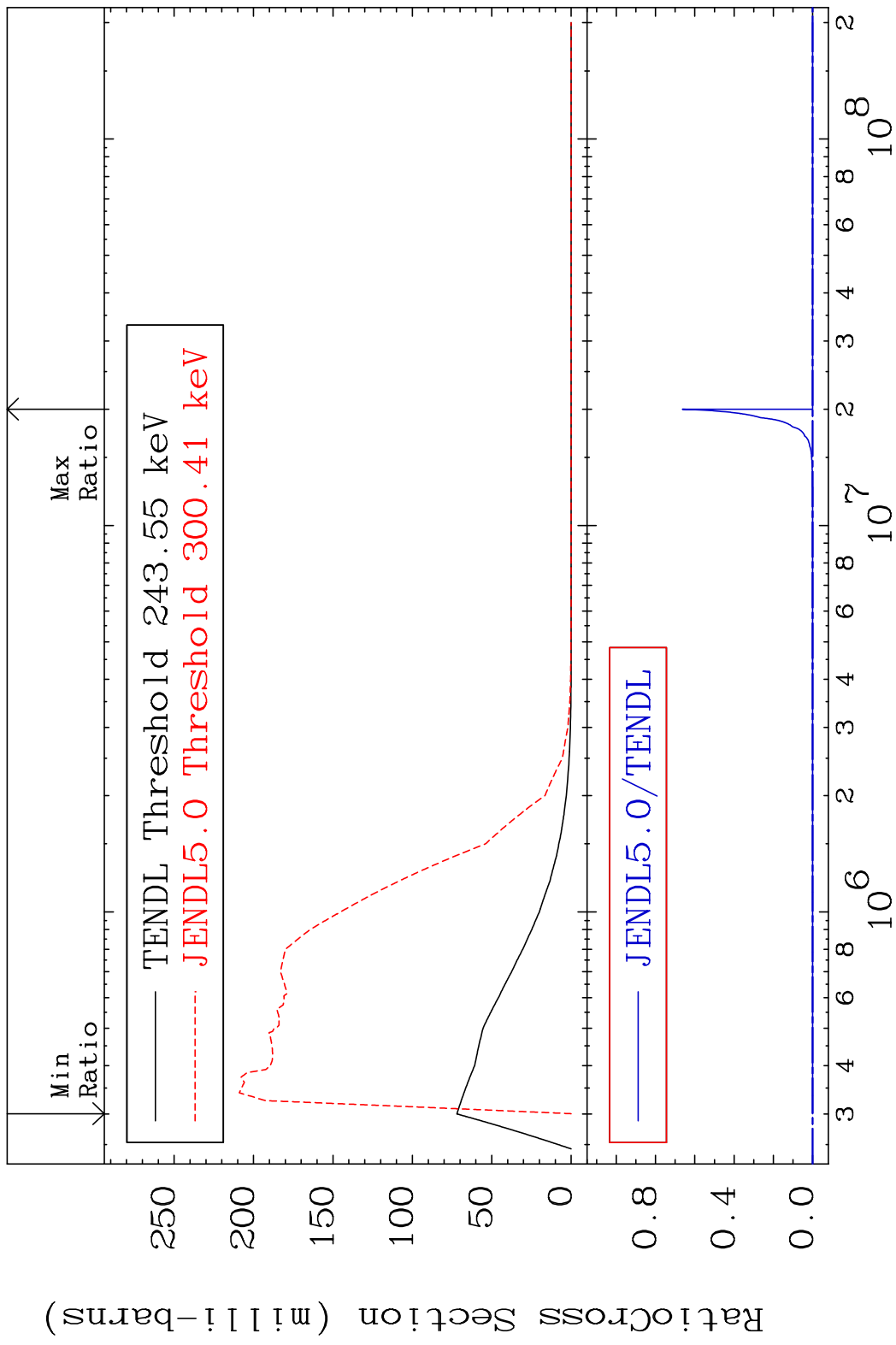
MAT 6522 MT= 60 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 113.9 %



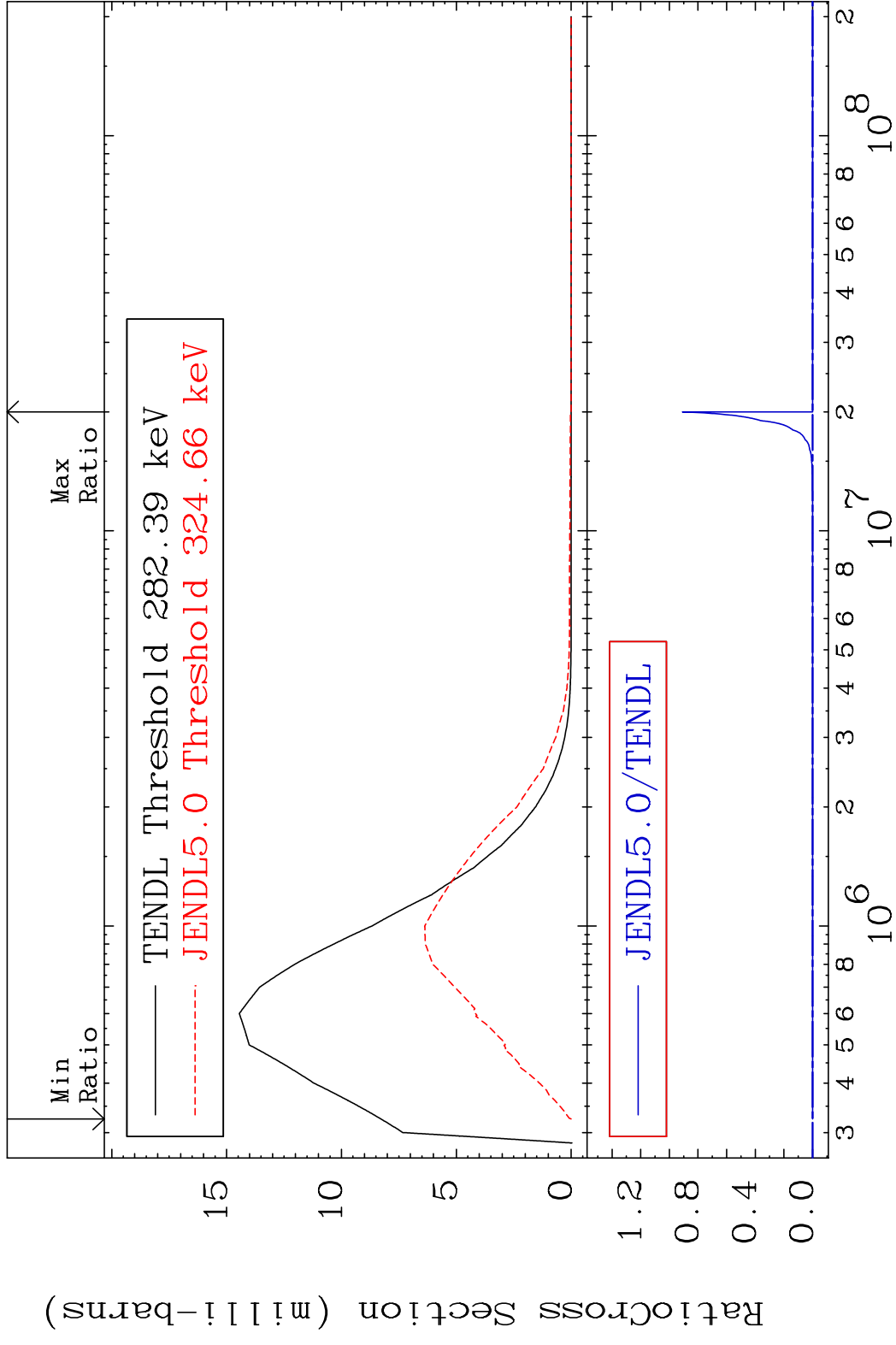
MAT 6522 MT= 61 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 2704. %



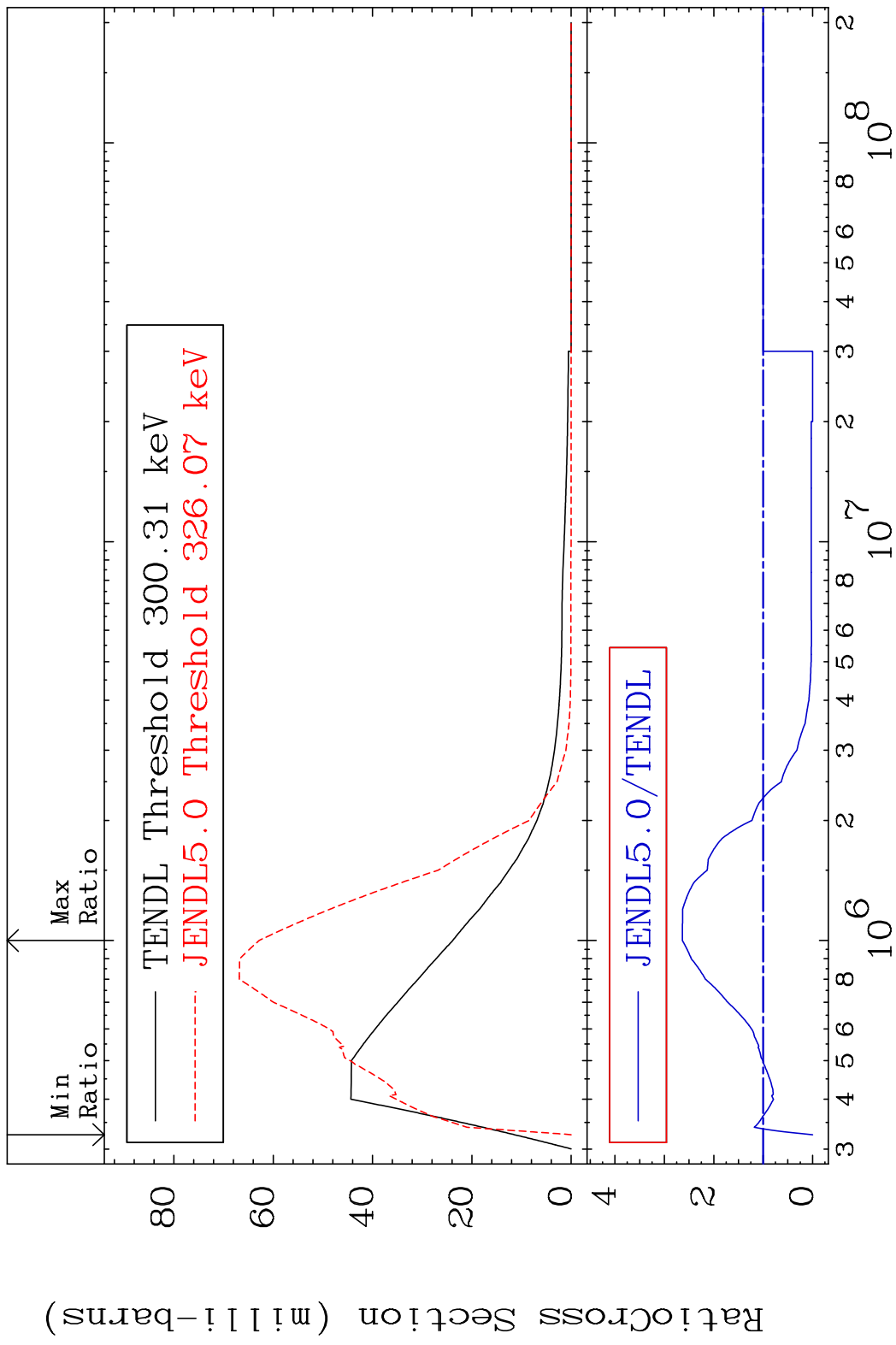
MAT 6522 MT= 62 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



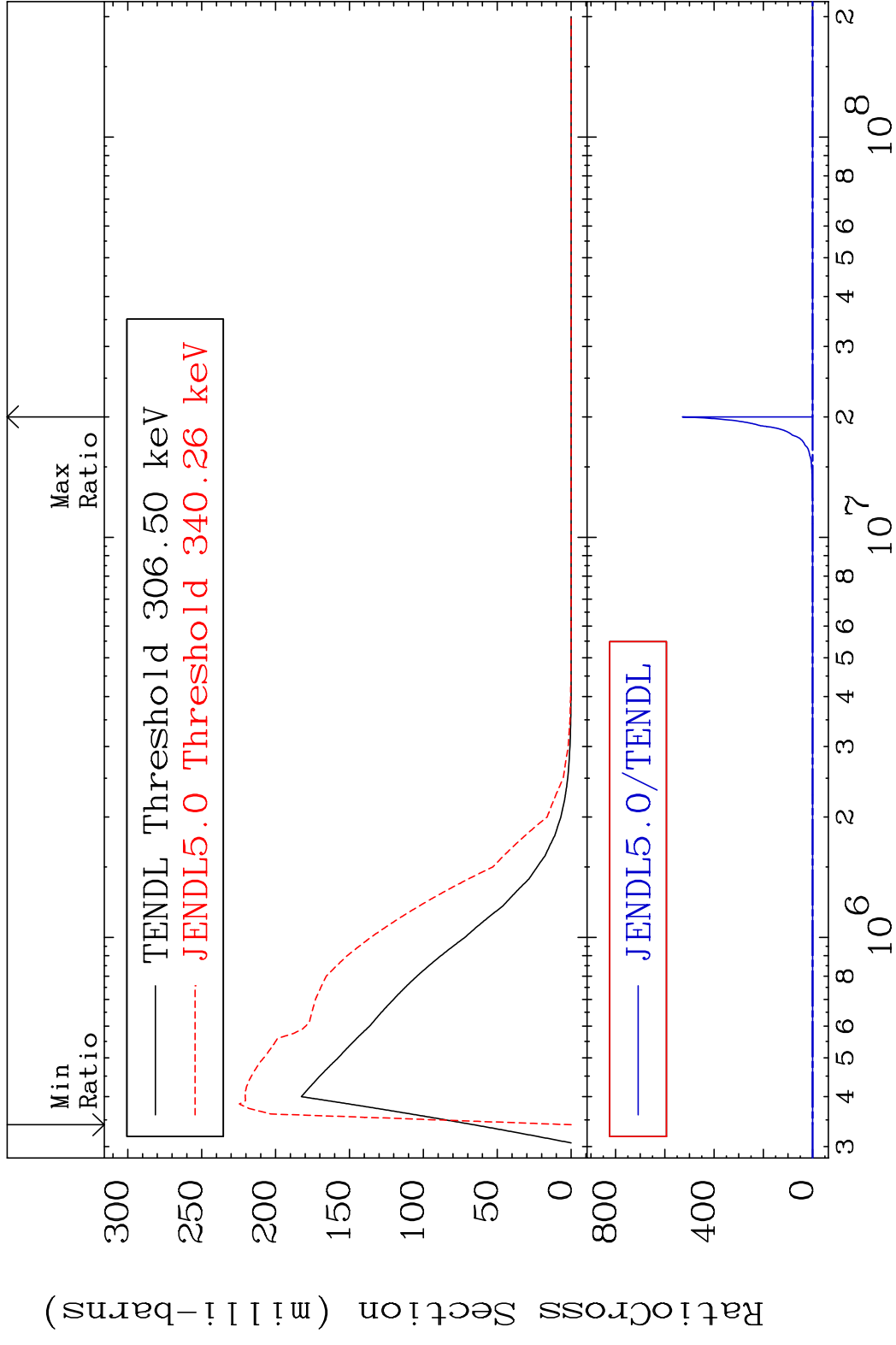
MAT 6522 MT= 63 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



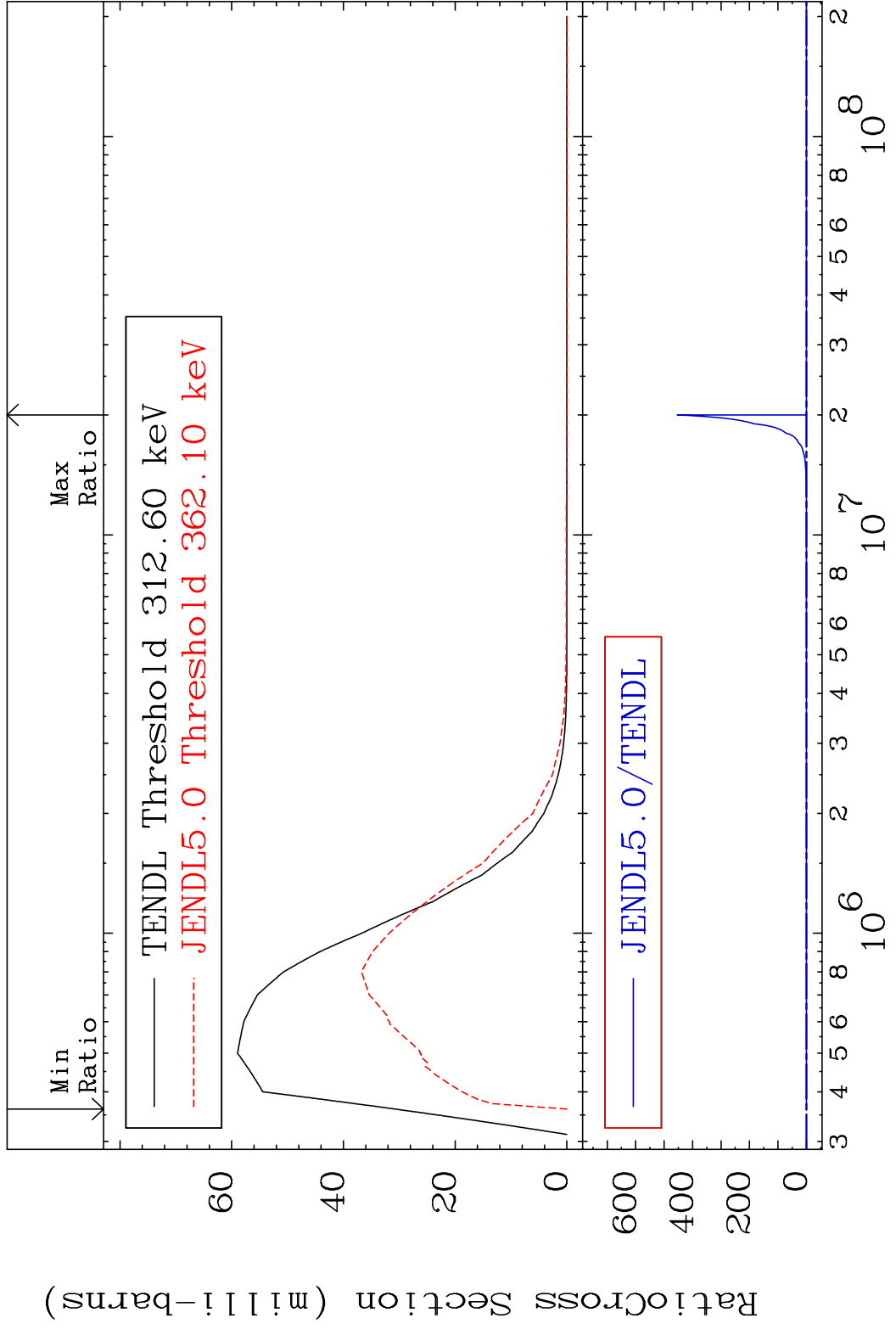
MAT 6522 MT= 64 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 163.6 %



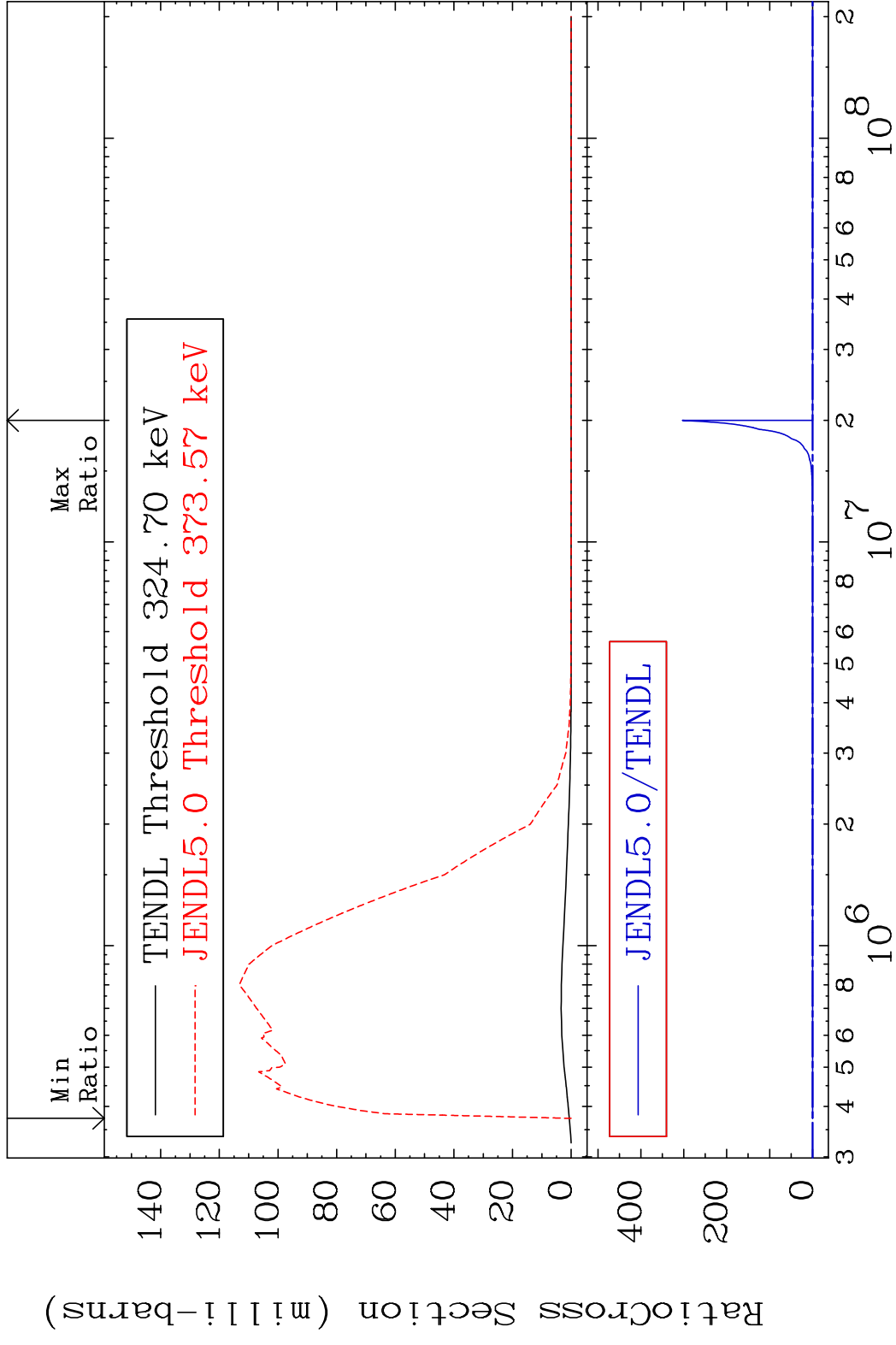
MAT 6522 MT= 65 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



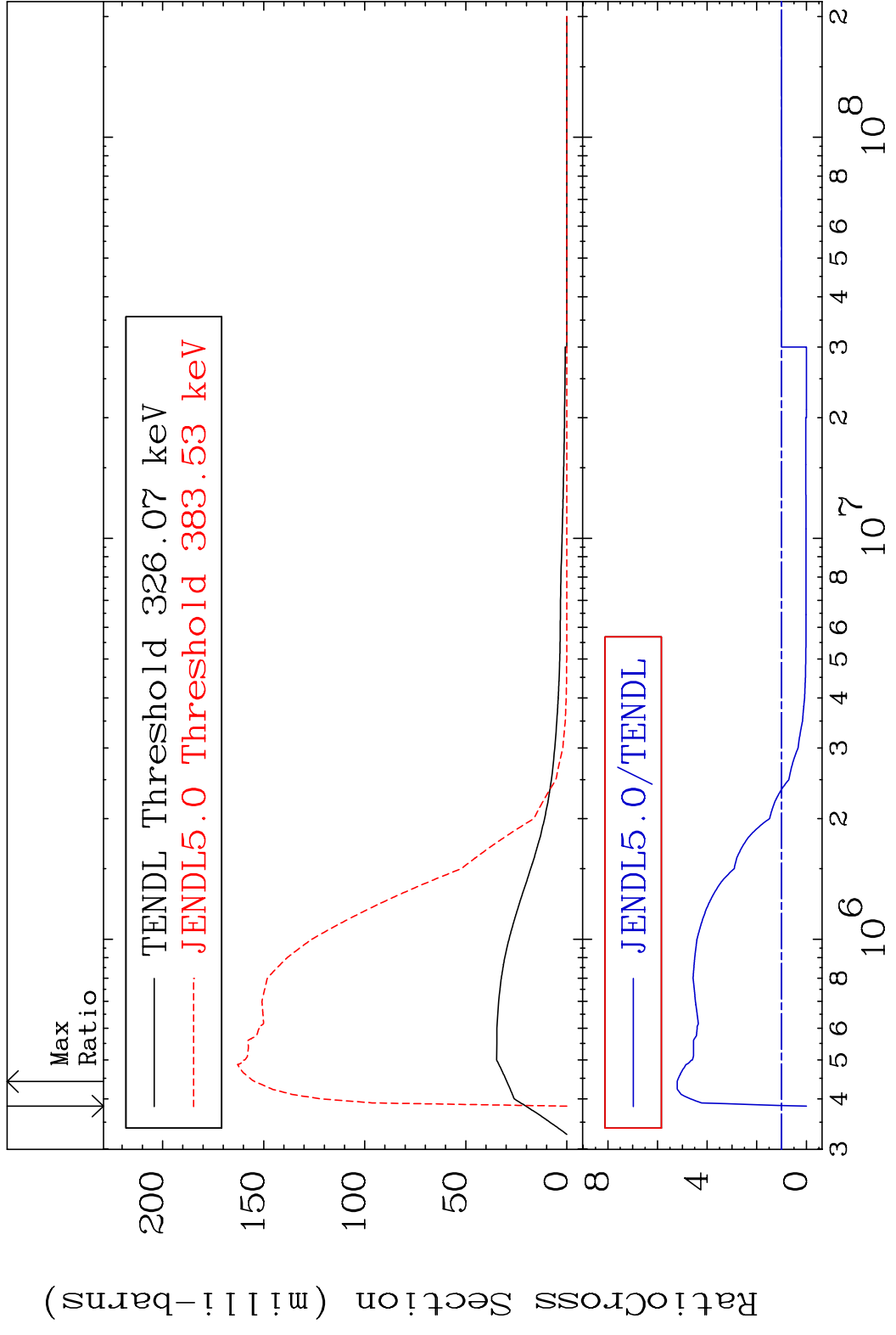
MAT 6522 MT= 66 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



MAT 6522 MT= 67 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %

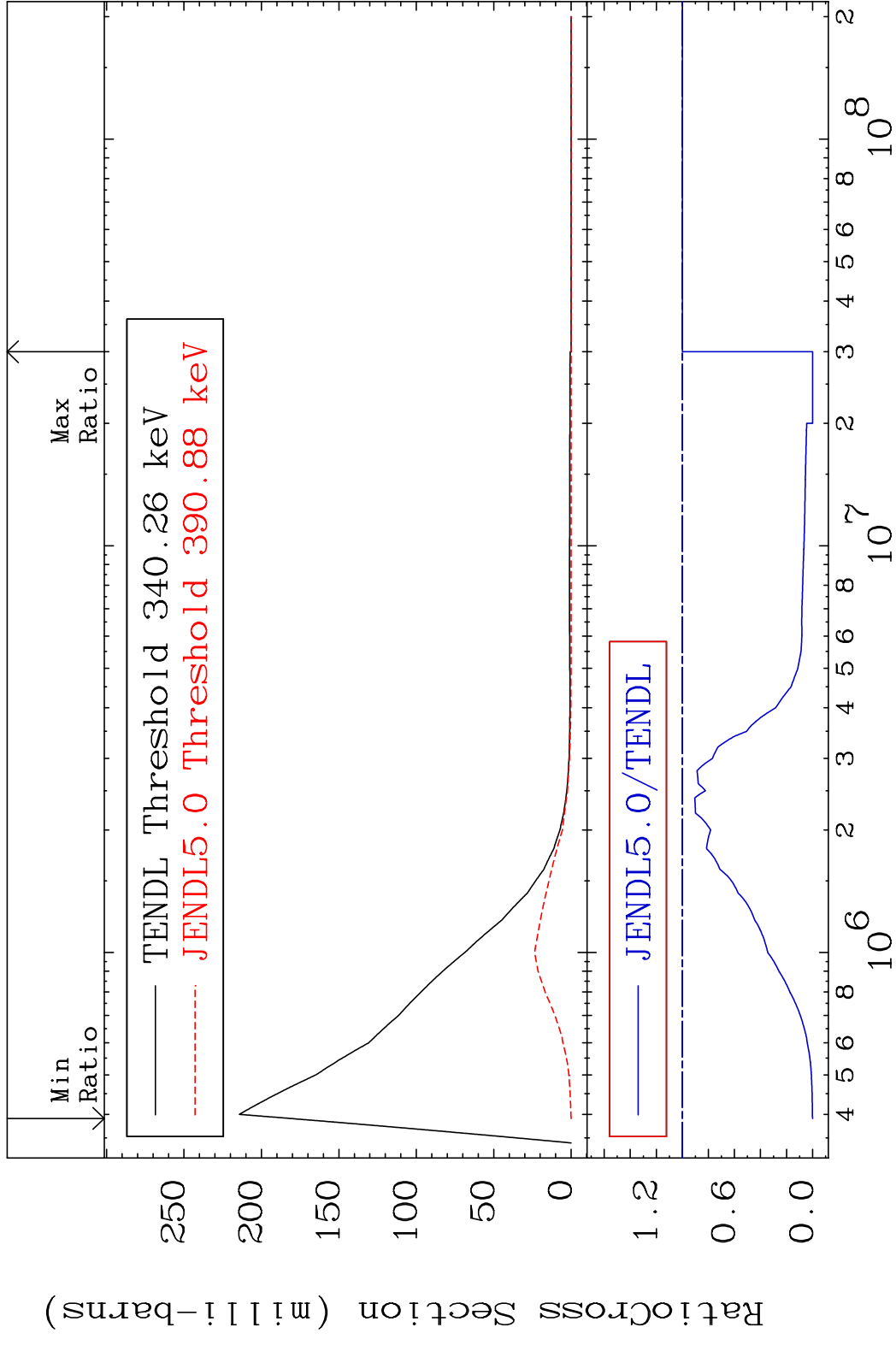


MAT 6522 MT= 68 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 420.7 %

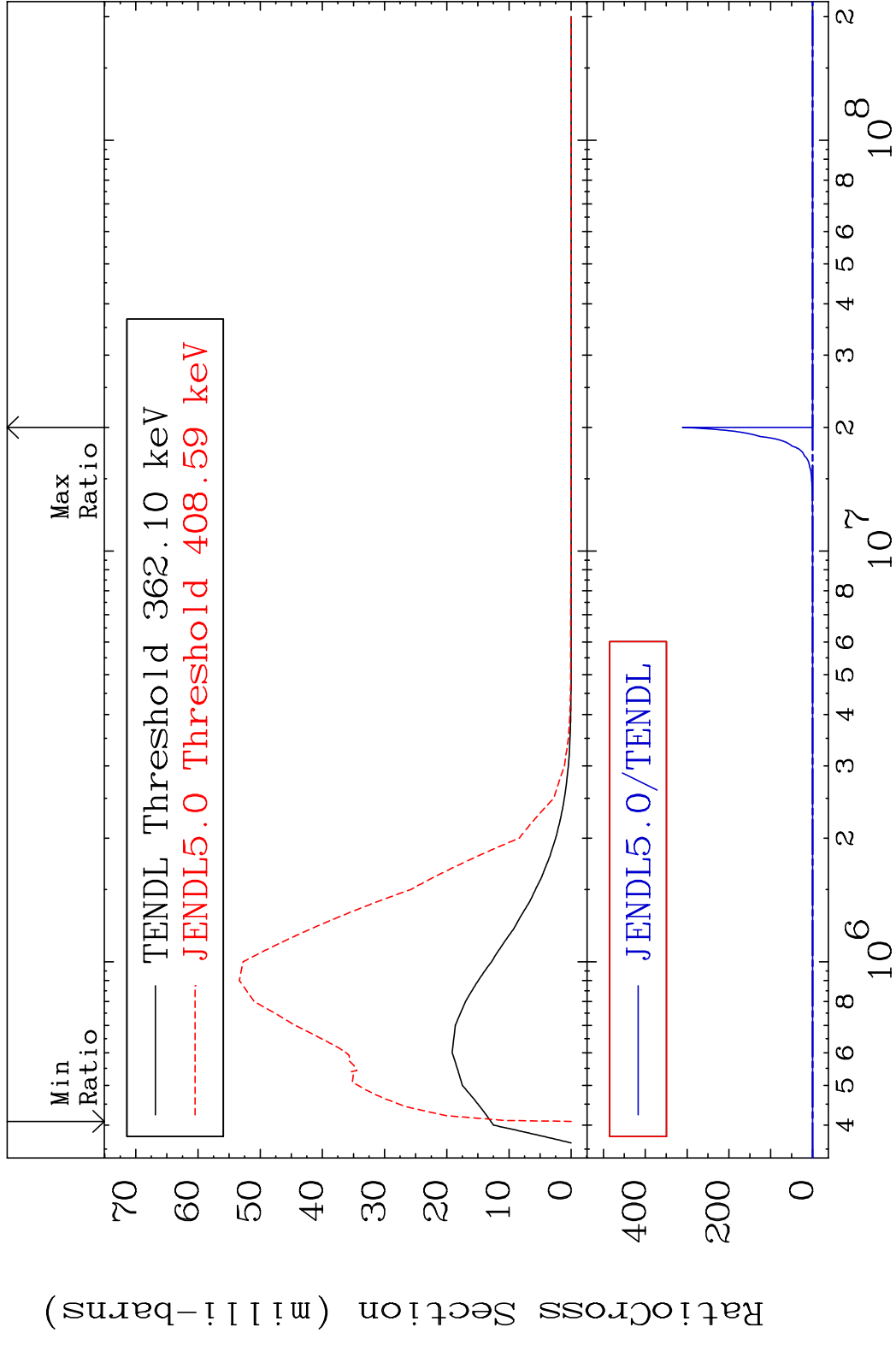


30 Incident Energy (eV) 65-Tb-158

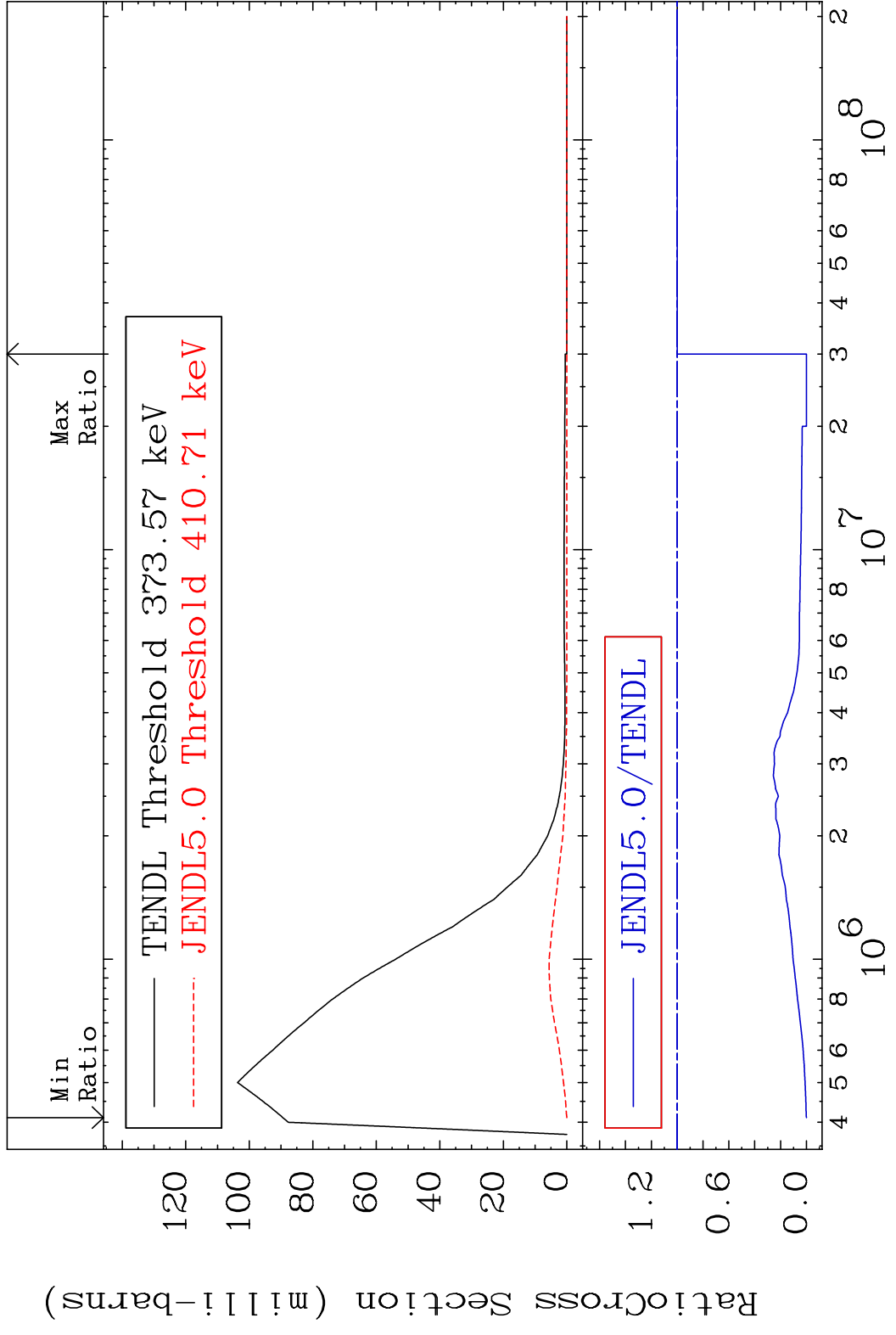
MAT 6522 MT= 69 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 0.000 %



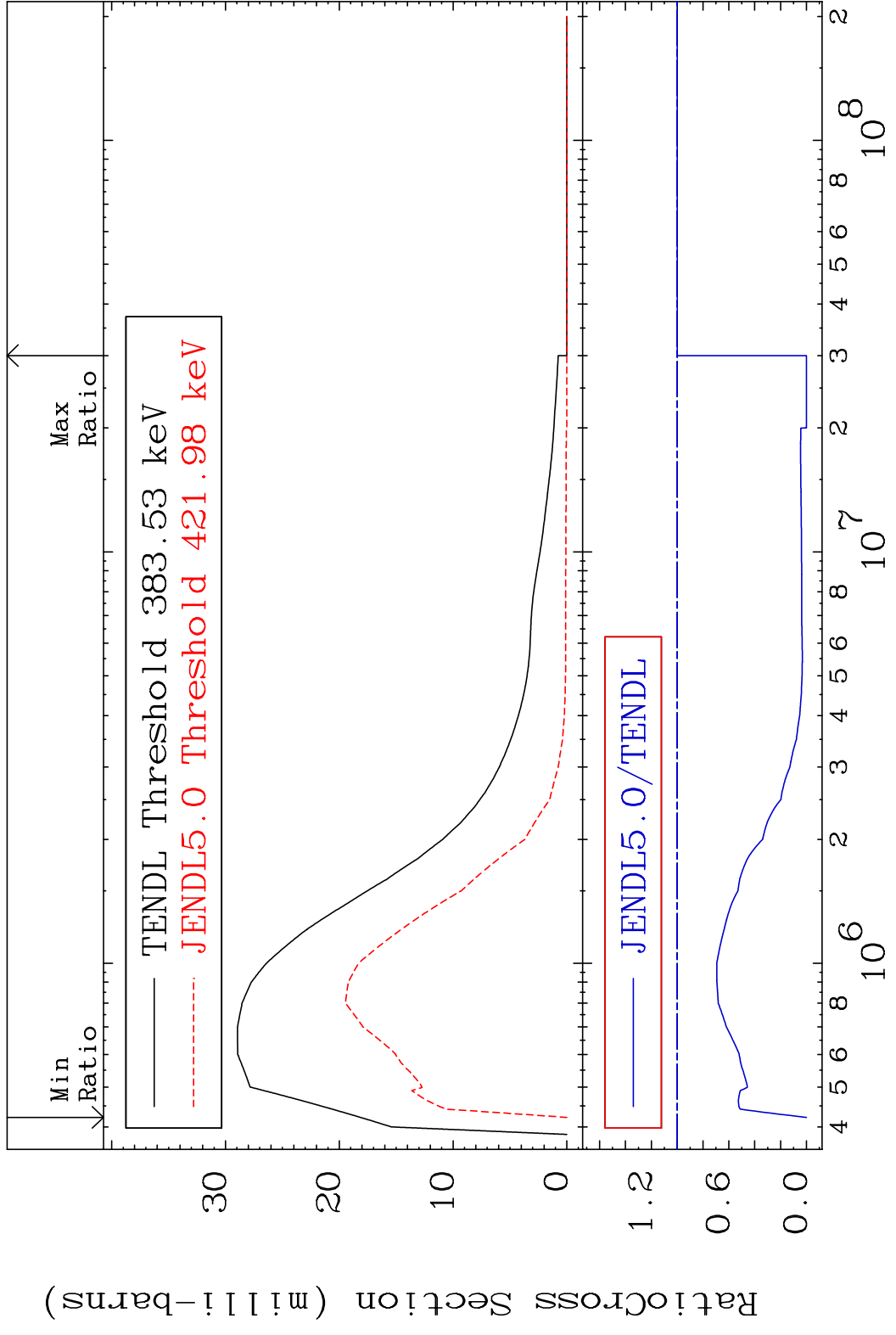
MAT 6522 MT= 70 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



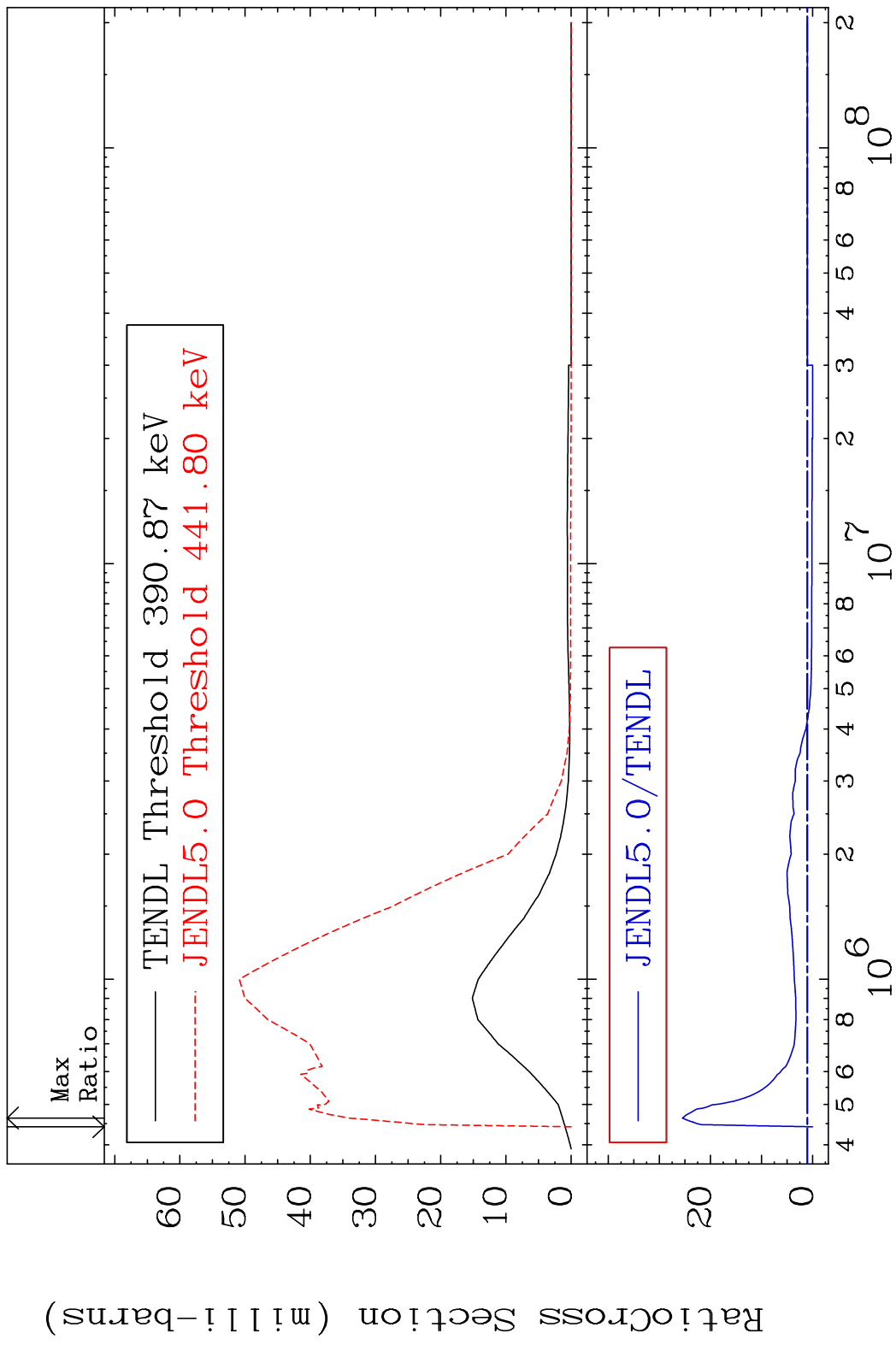
MAT 6522 MT= 71 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 0.000 %



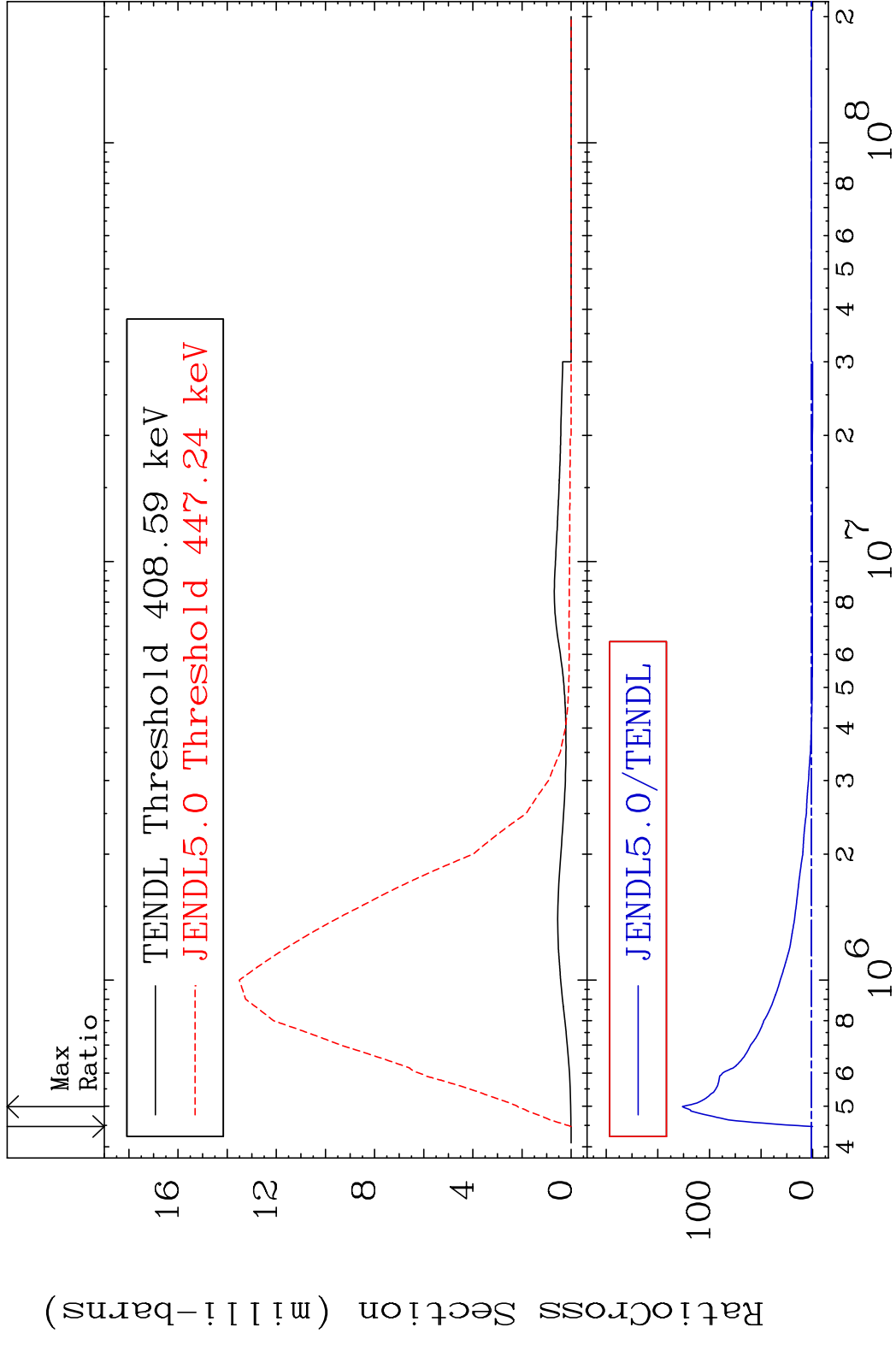
MAT 6522 MT= 72 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 0.000 %



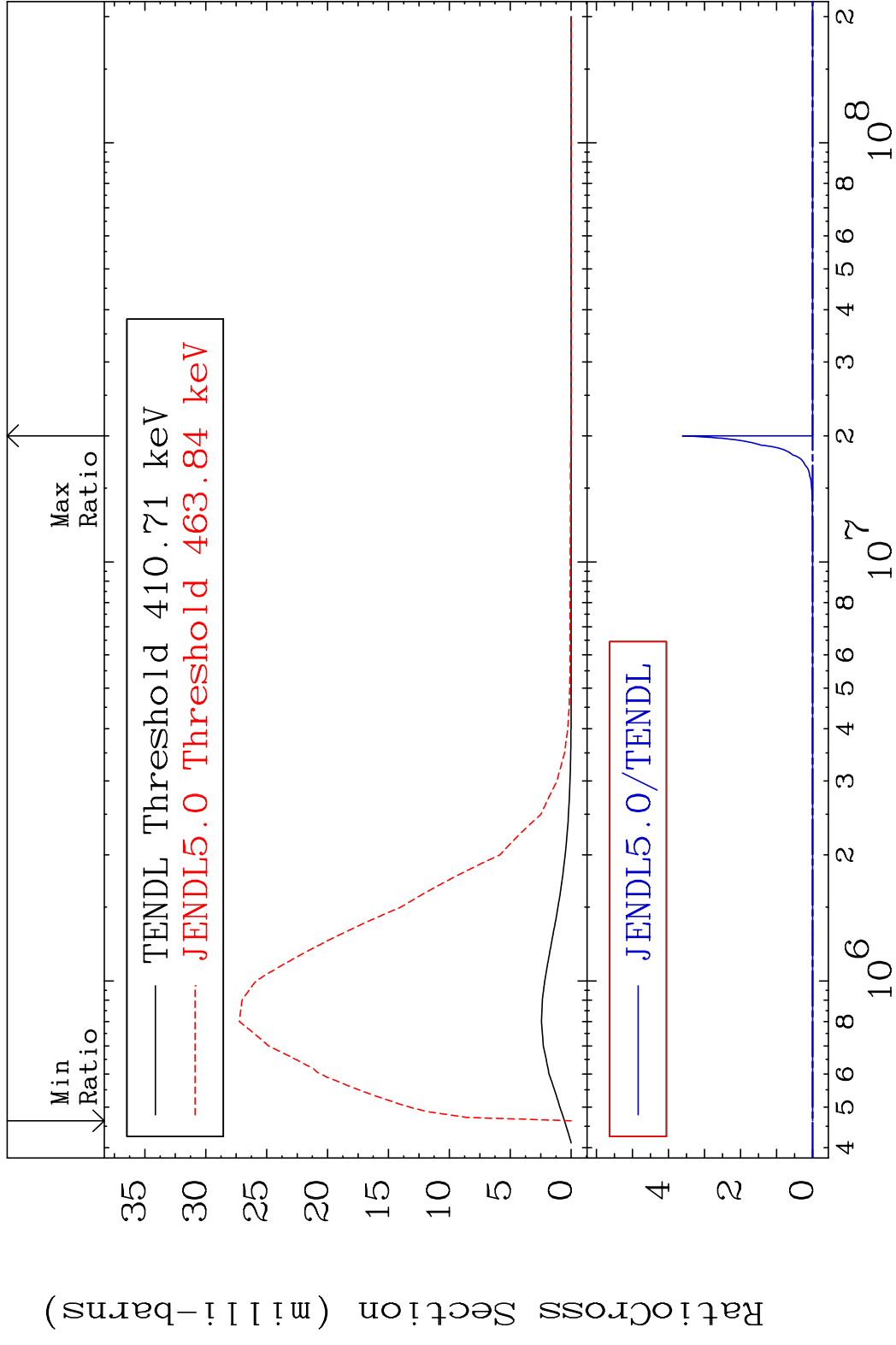
MAT 6522 MT= 73 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 2450. %



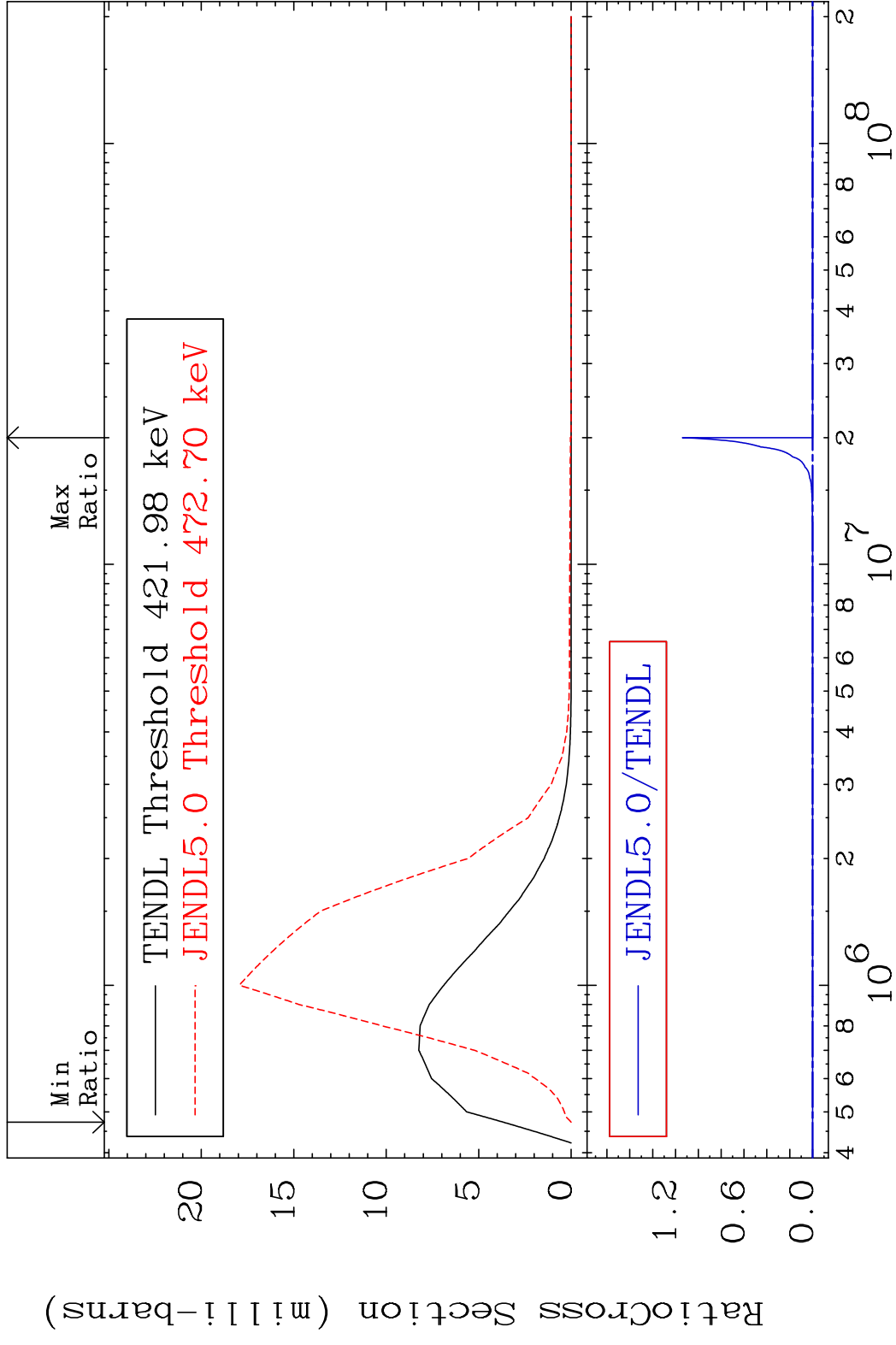
MAT 6522 MT= 74 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



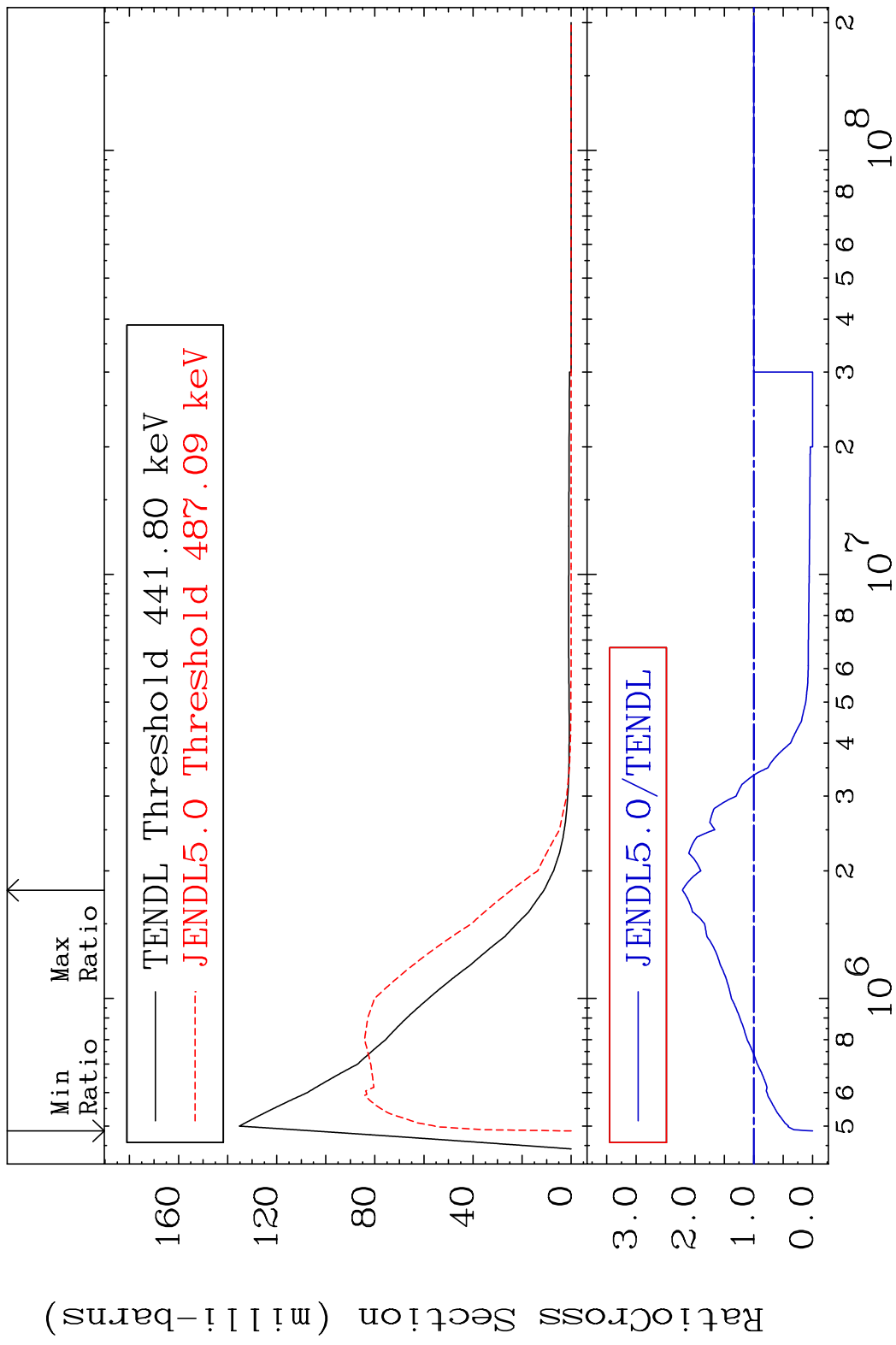
MAT 6522 MT= 75 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



MAT 6522 MT= 76 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %

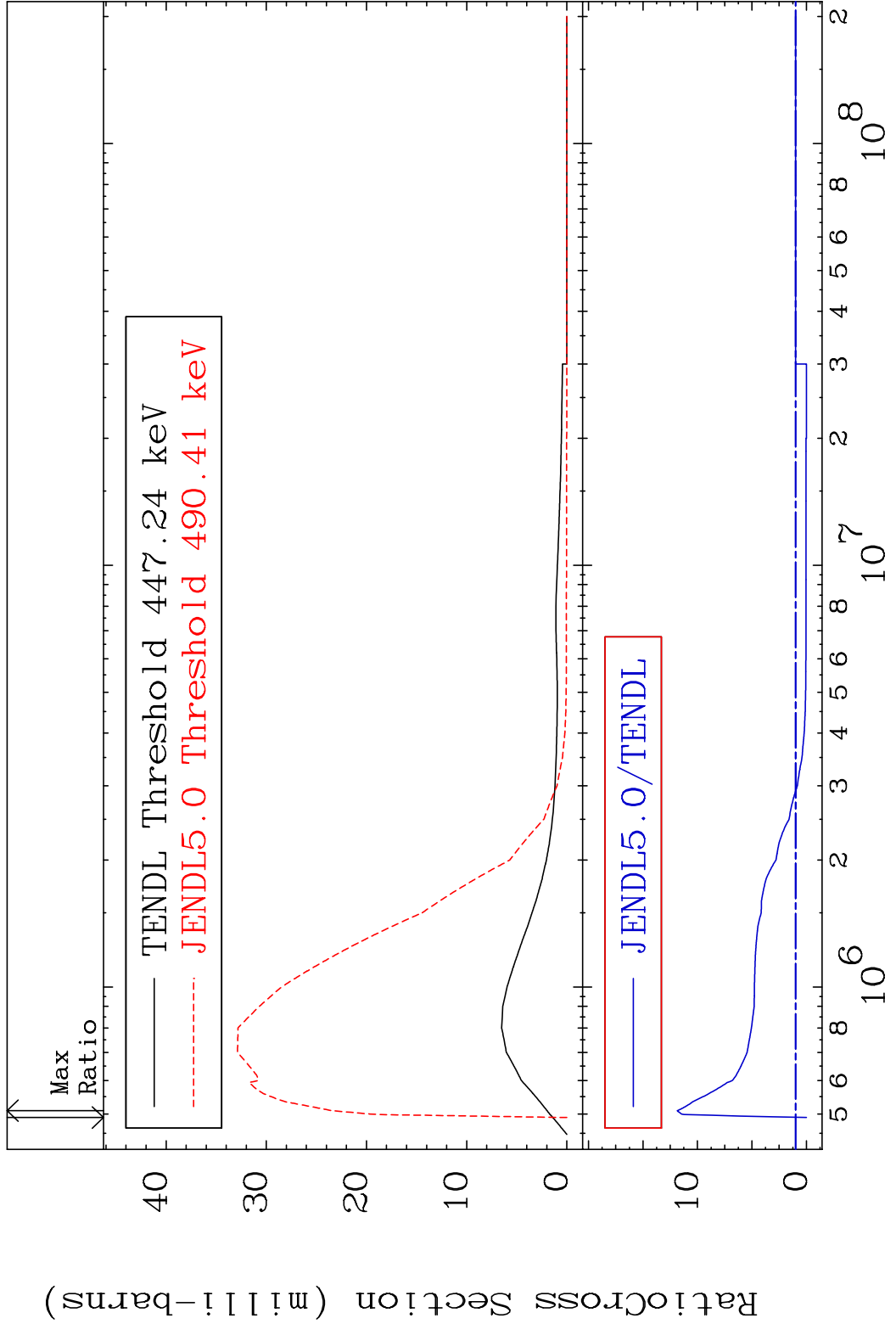


MAT 6522 MT= 77 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 121.4 %



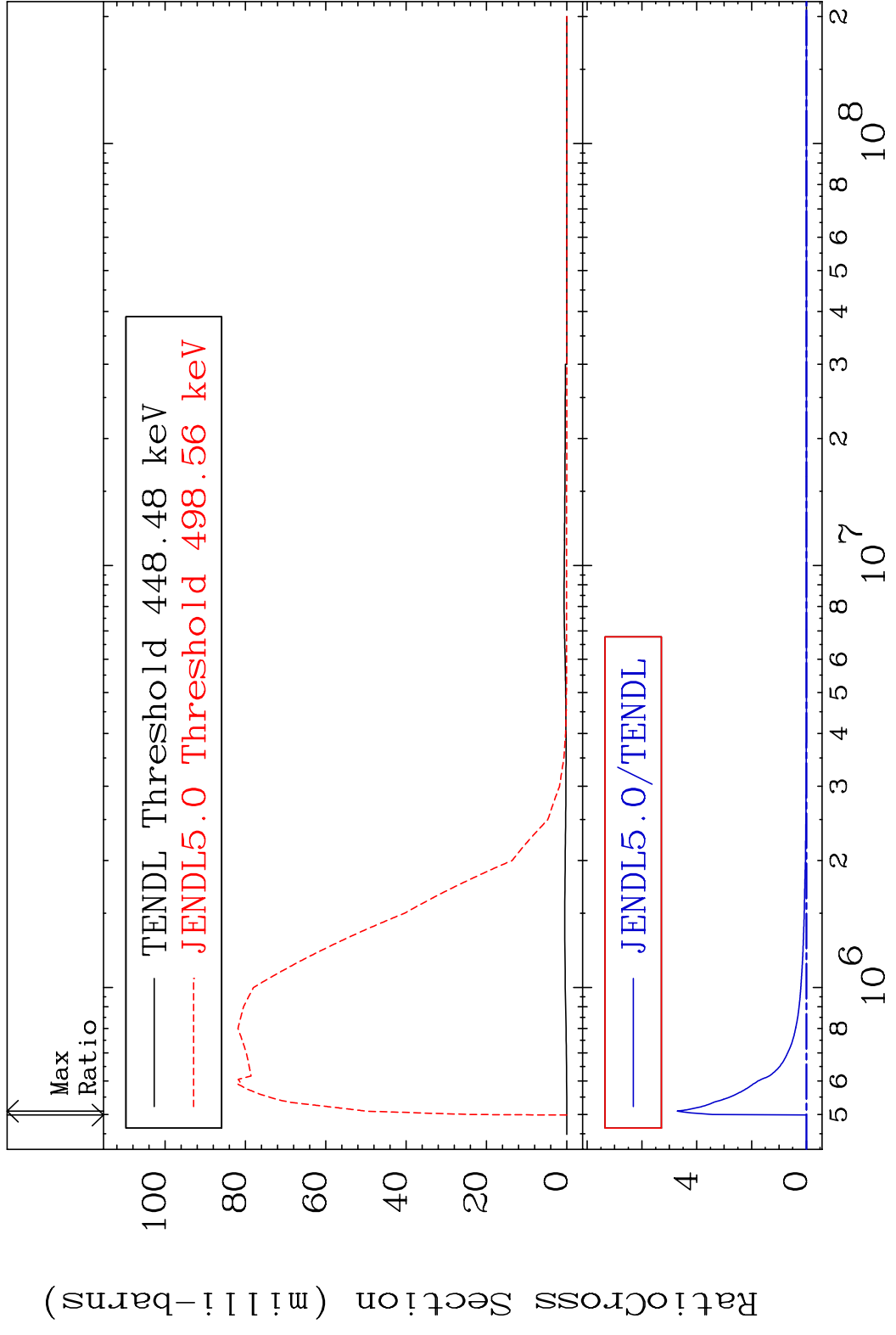
39 Incident Energy (eV) 65-Tb-158

MAT 6522 MT= 78 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 1086. %

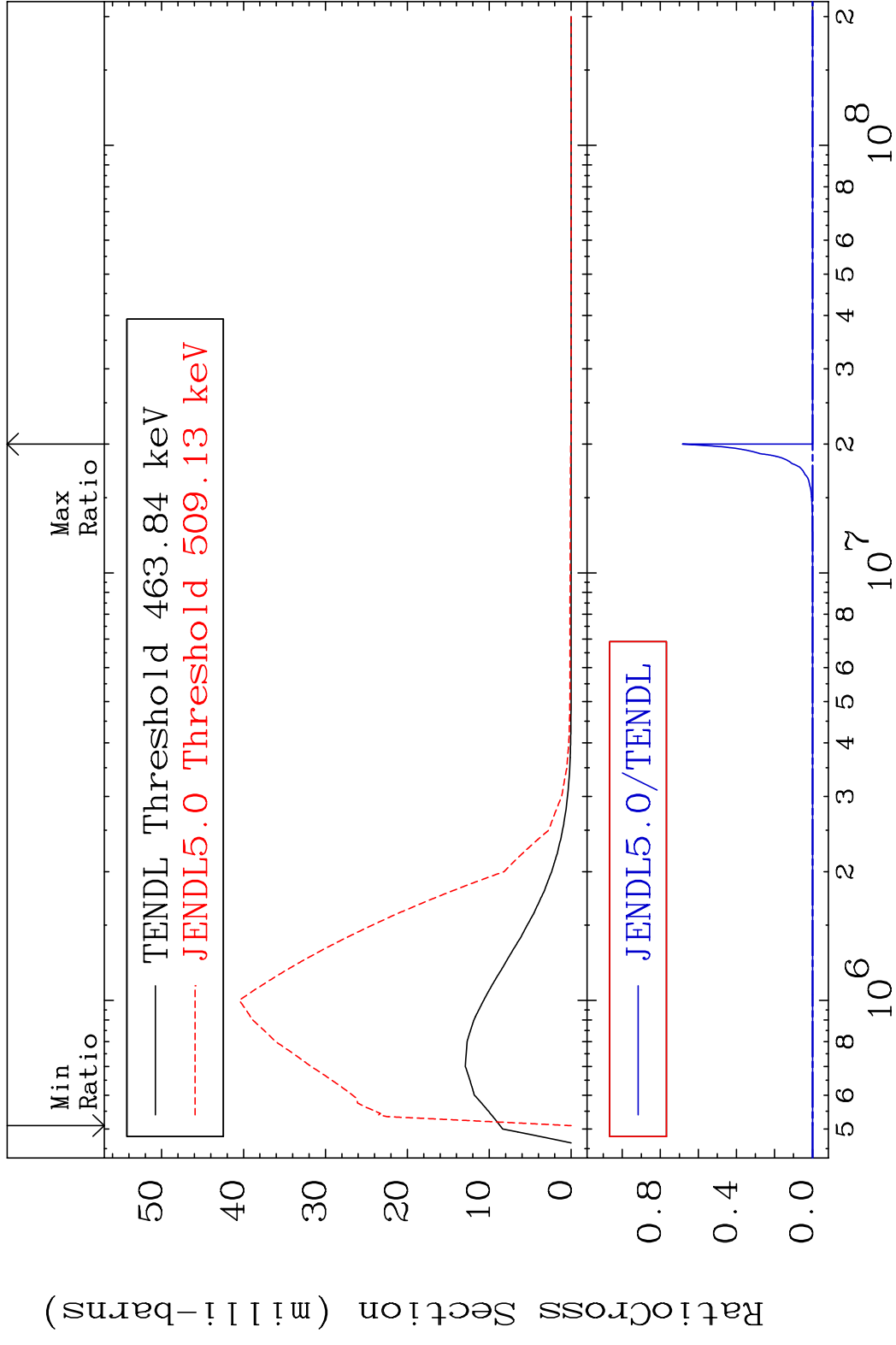


40 Incident Energy (eV) 65-Tb-158

MAT 6522 MT= 79 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



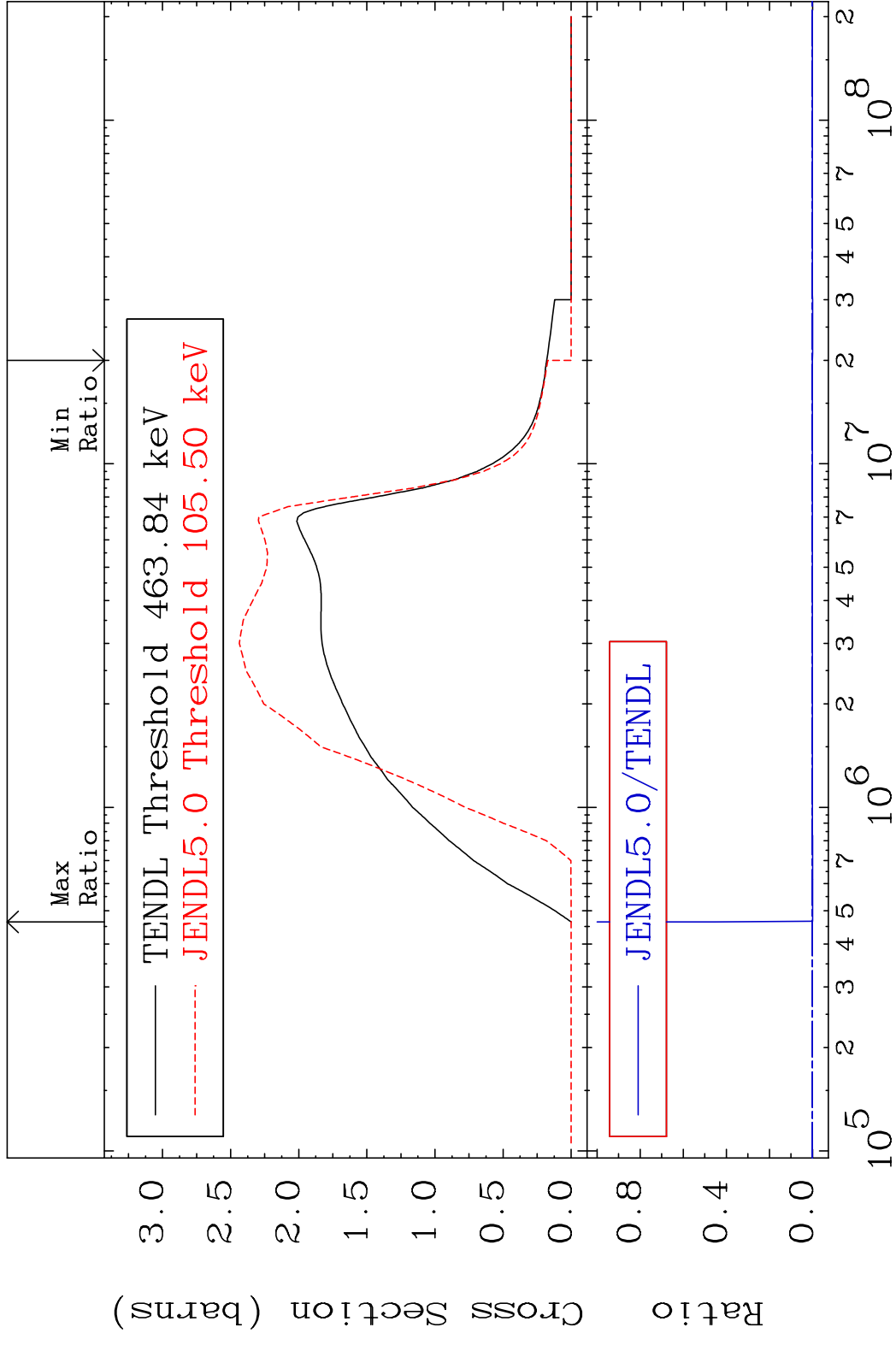
MAT 6522 MT= 80 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



MAT 6522

(n, n') Continuum
Cross Section -100.0 To 9999. %

65-Tb-158



43

Incident Energy (eV)

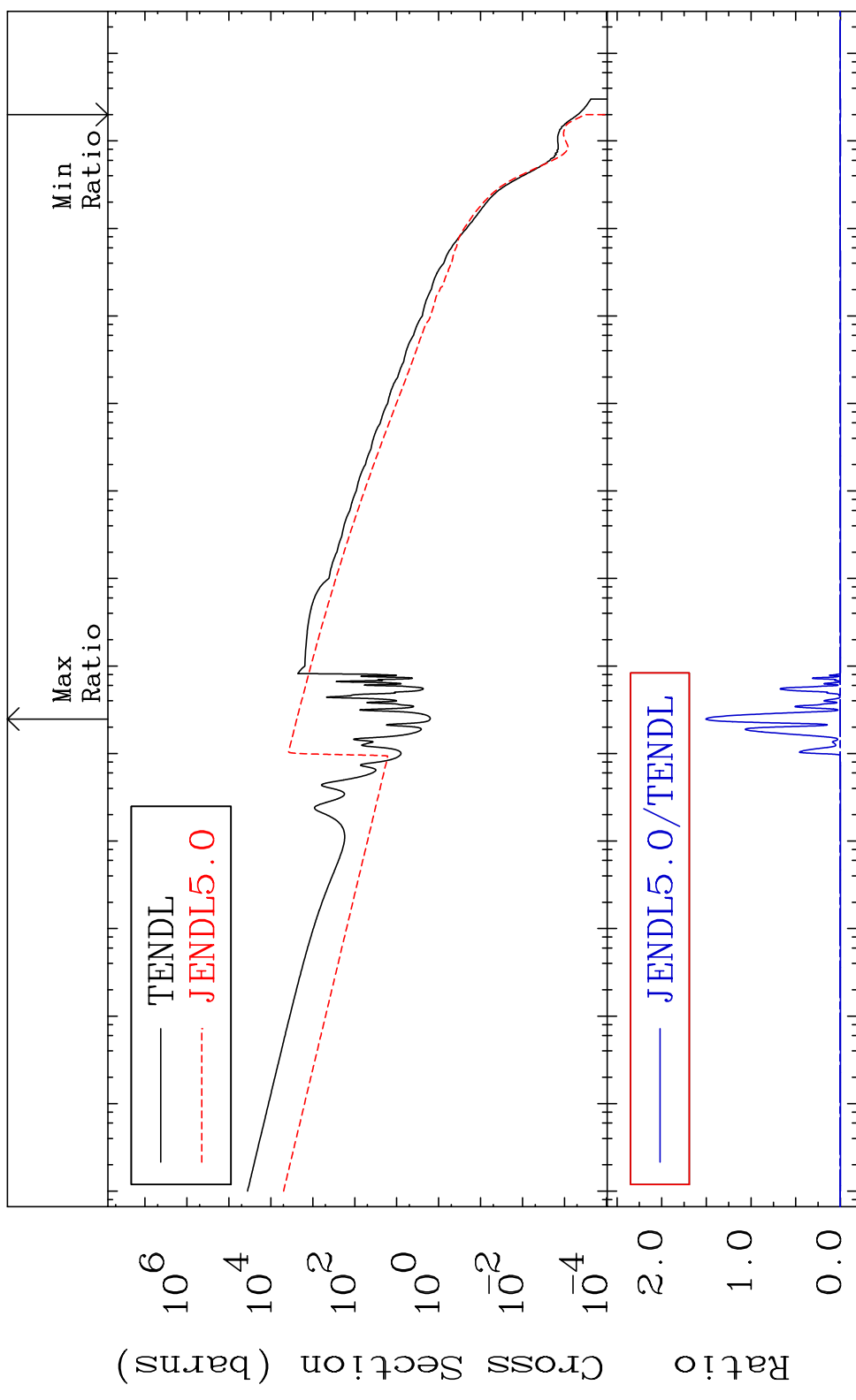
65-Tb-158

MAT 6522

(n, γ)

65-Tb-158

Cross Section -100.0 To 9999. %

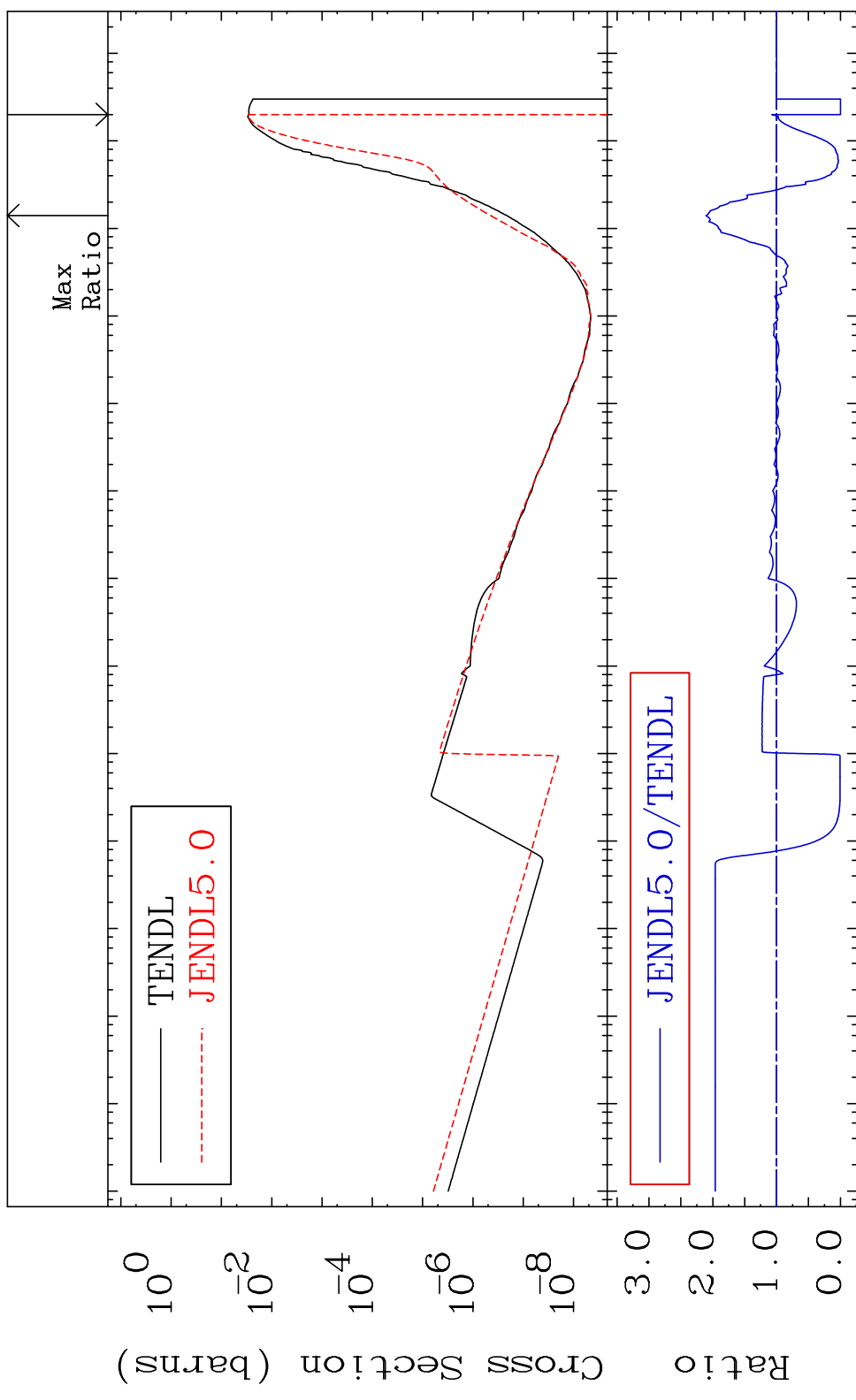


MAT 6522

(n, p)

65-Tb-158

Cross Section -100.0 To 111.0 %



45

Incident Energy (eV)

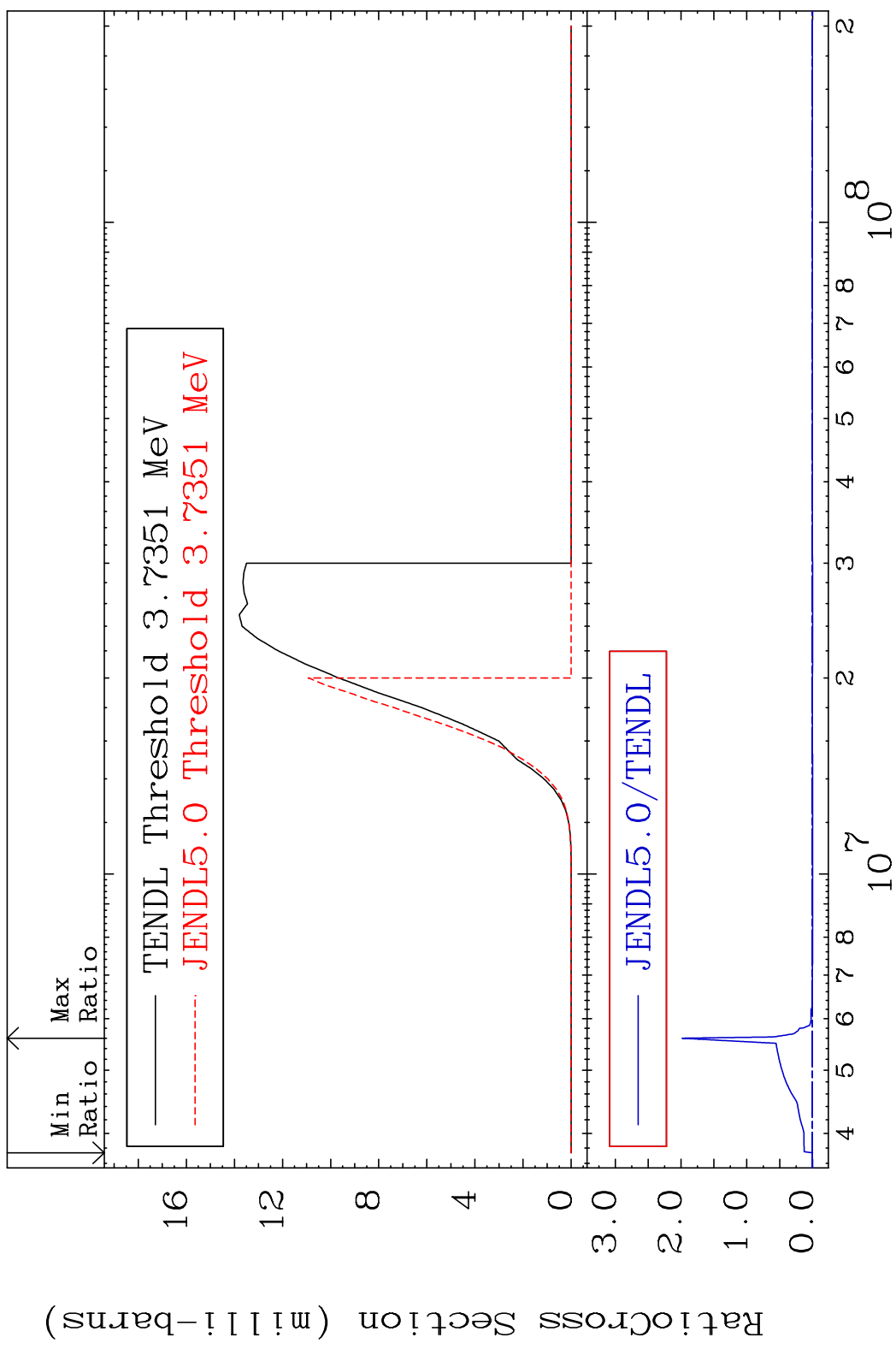
65-Tb-158

MAT 6522

(n,d)

65-Tb-158

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

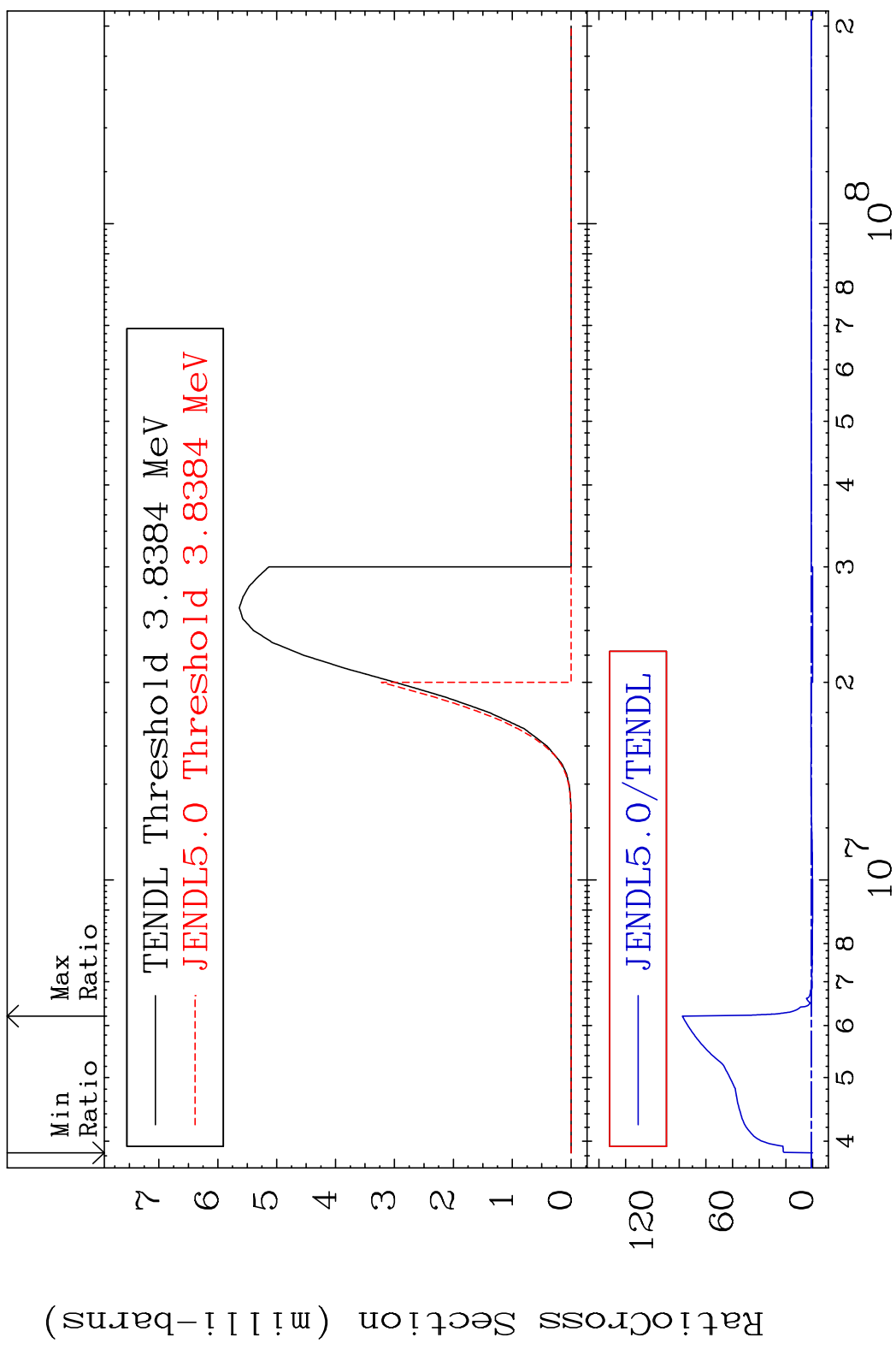
65-Tb-158

MAT 6522

(n, t)

65-Tb-158

Cross Section -100.0 To 9655. %

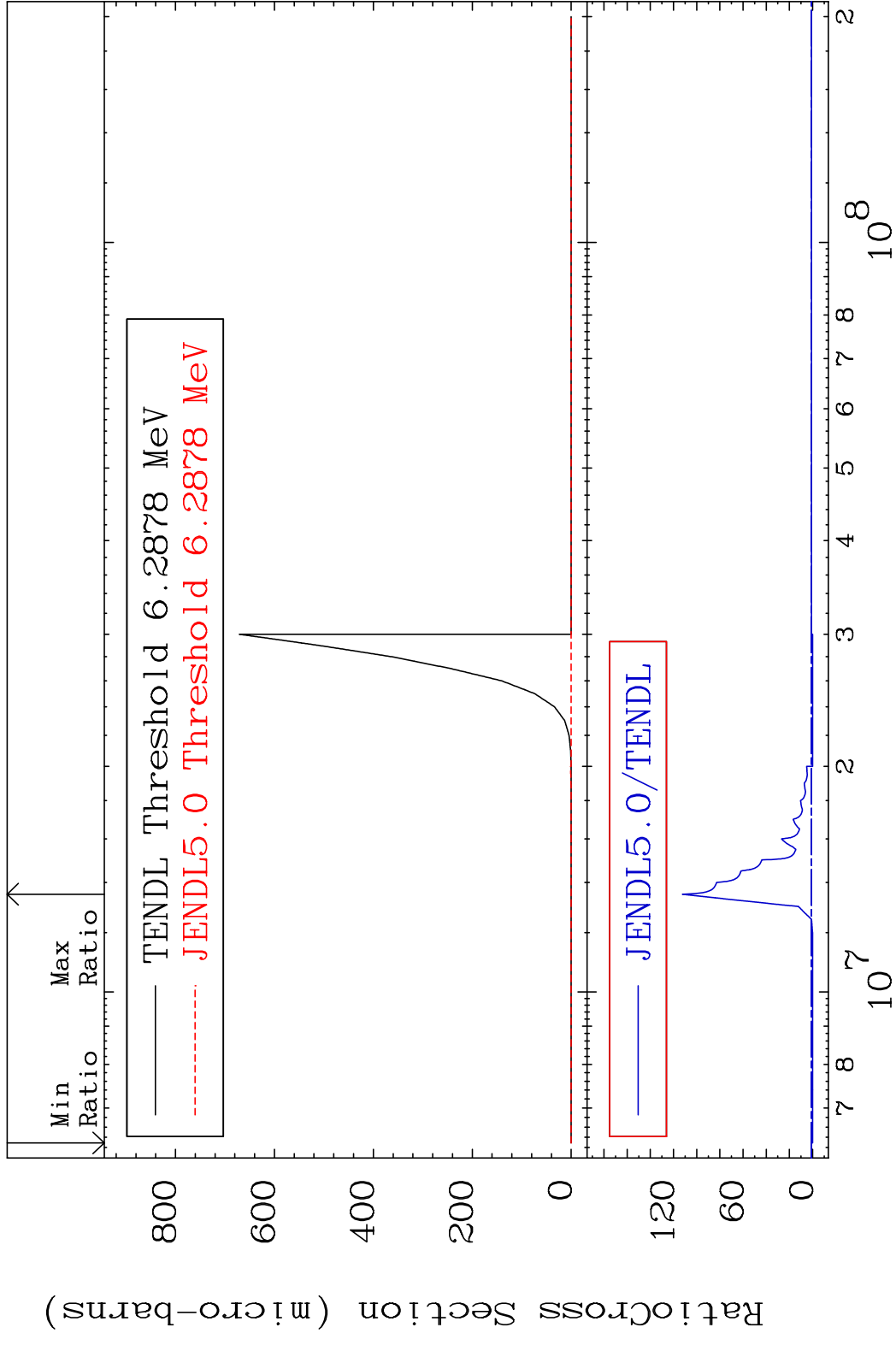


MAT 6522

(n, He-3)

65-Tb-158

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

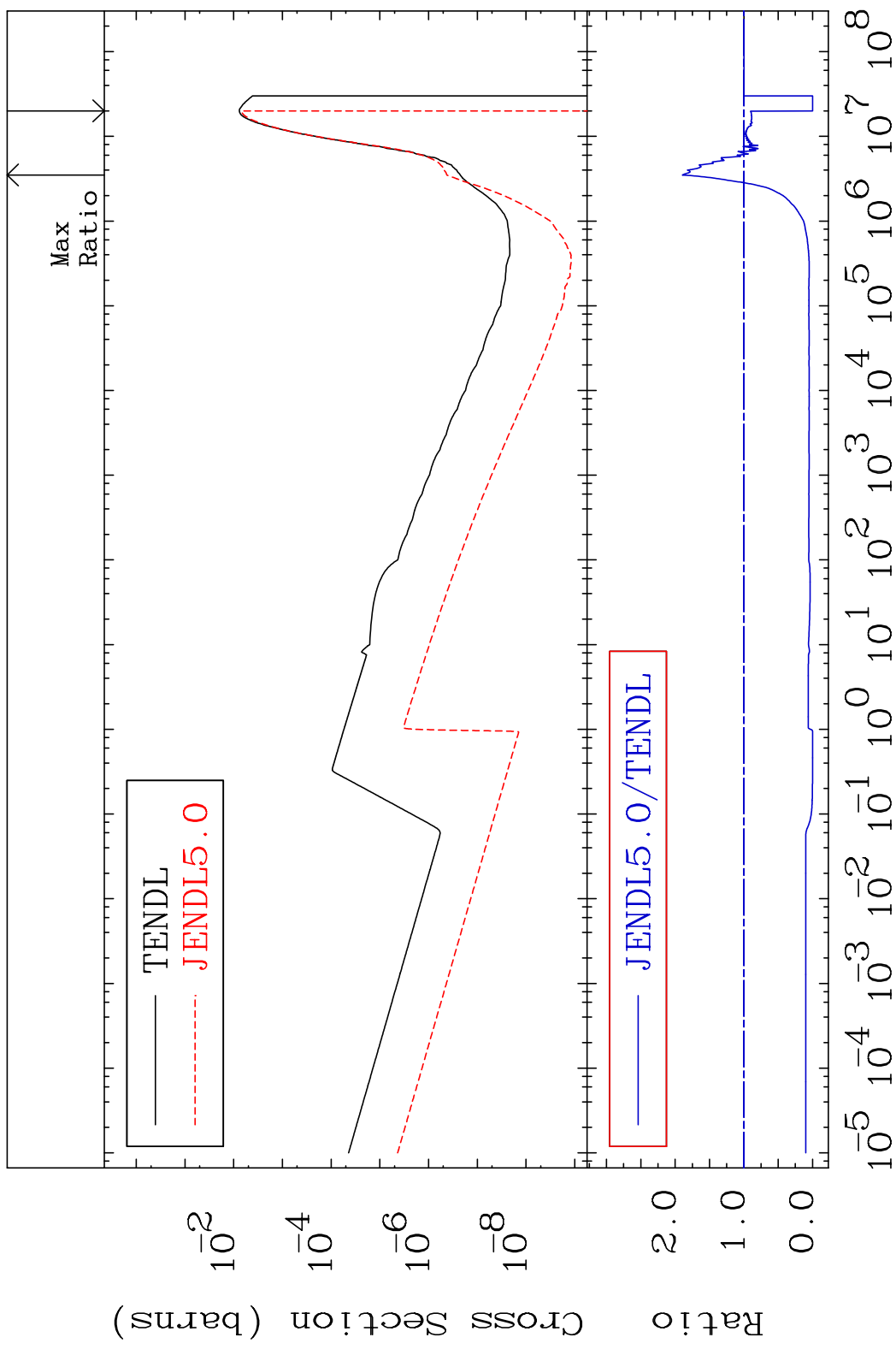
65-Tb-158

MAT 6522

(n, α)

65-Tb-158

Cross Section -100.0 To 89.51 %



49

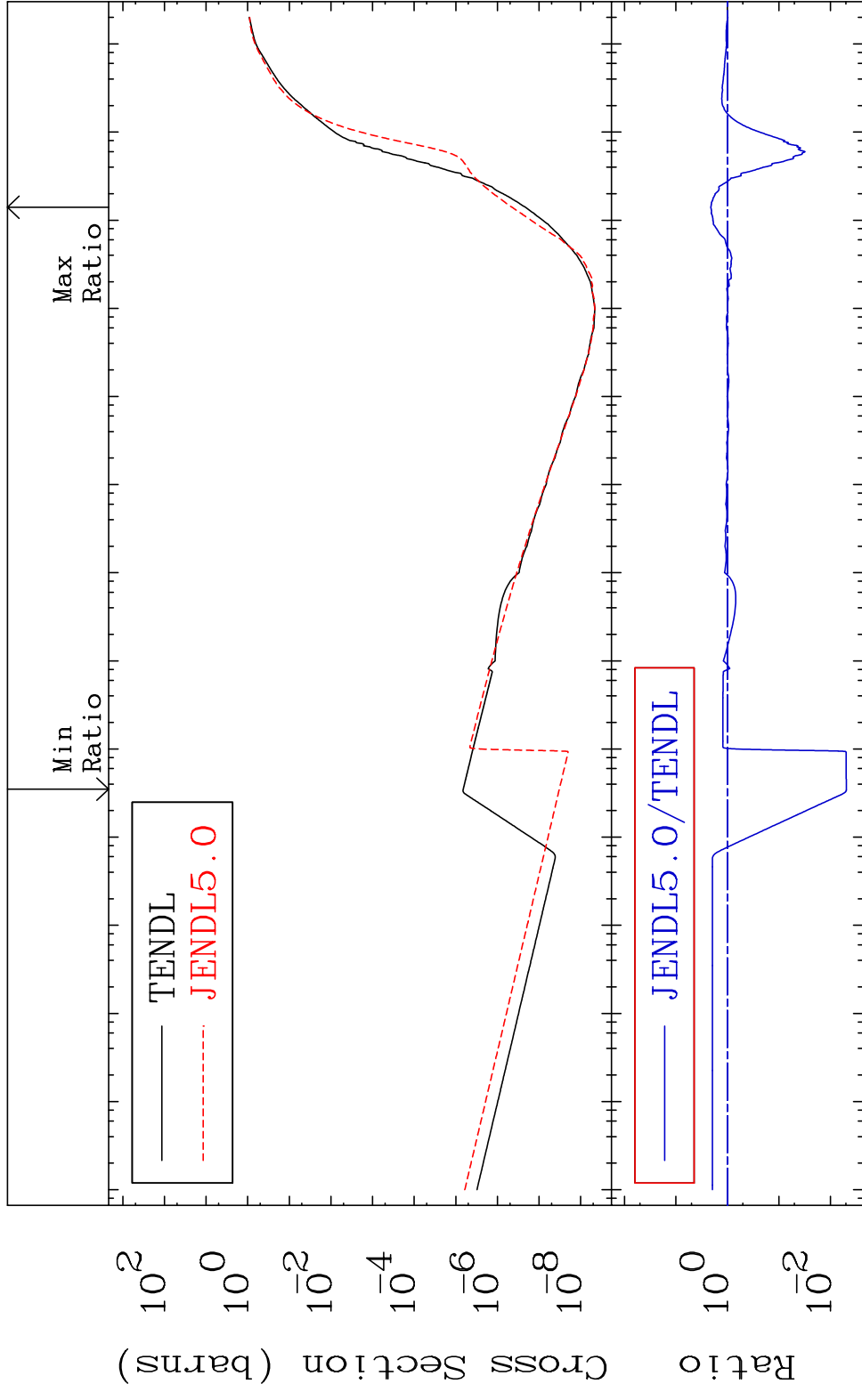
Incident Energy (eV)

65-Tb-158

MAT 6522

Hydrogen Production
Cross Section -99.51 To 111.0 %

65-Tb-158

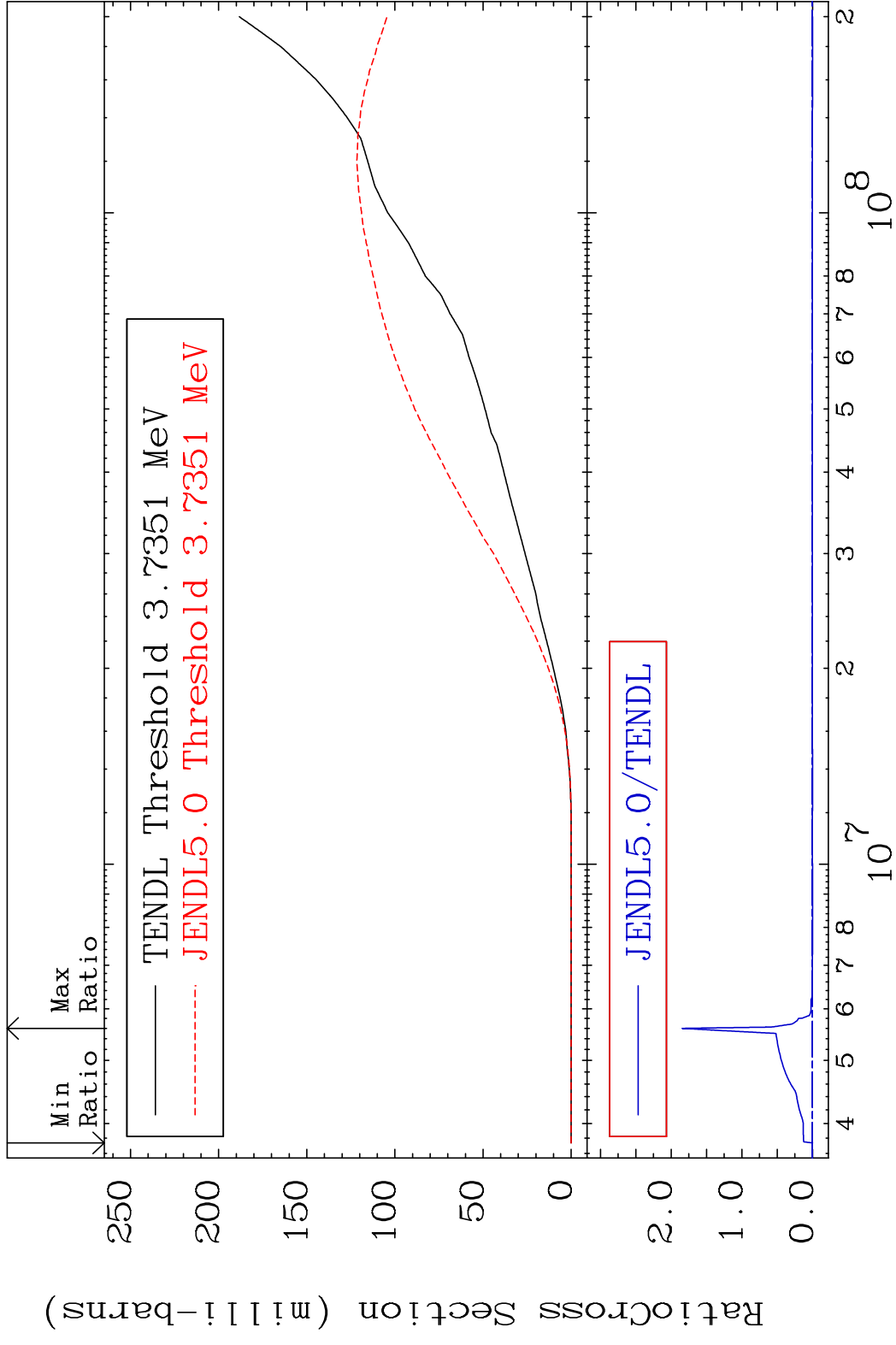


50

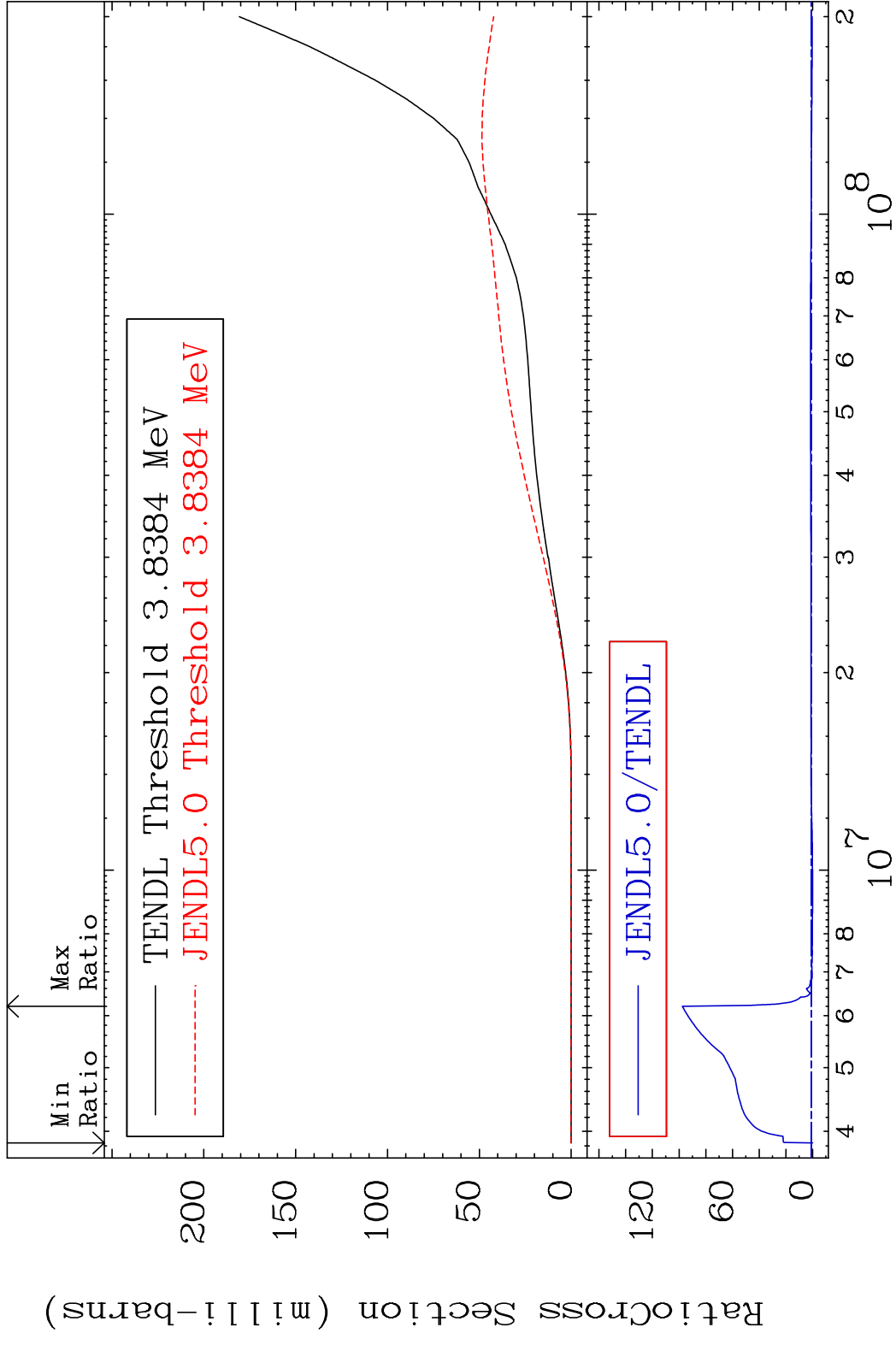
Incident Energy (eV)

65-Tb-158

MAT 6522 Deuterium Production 65-Tb-158
 Cross Section -100.0 To 9999. %



MAT 6522 Tritium Production 65-Tb-158
 Cross Section -100.0 To 9655. %

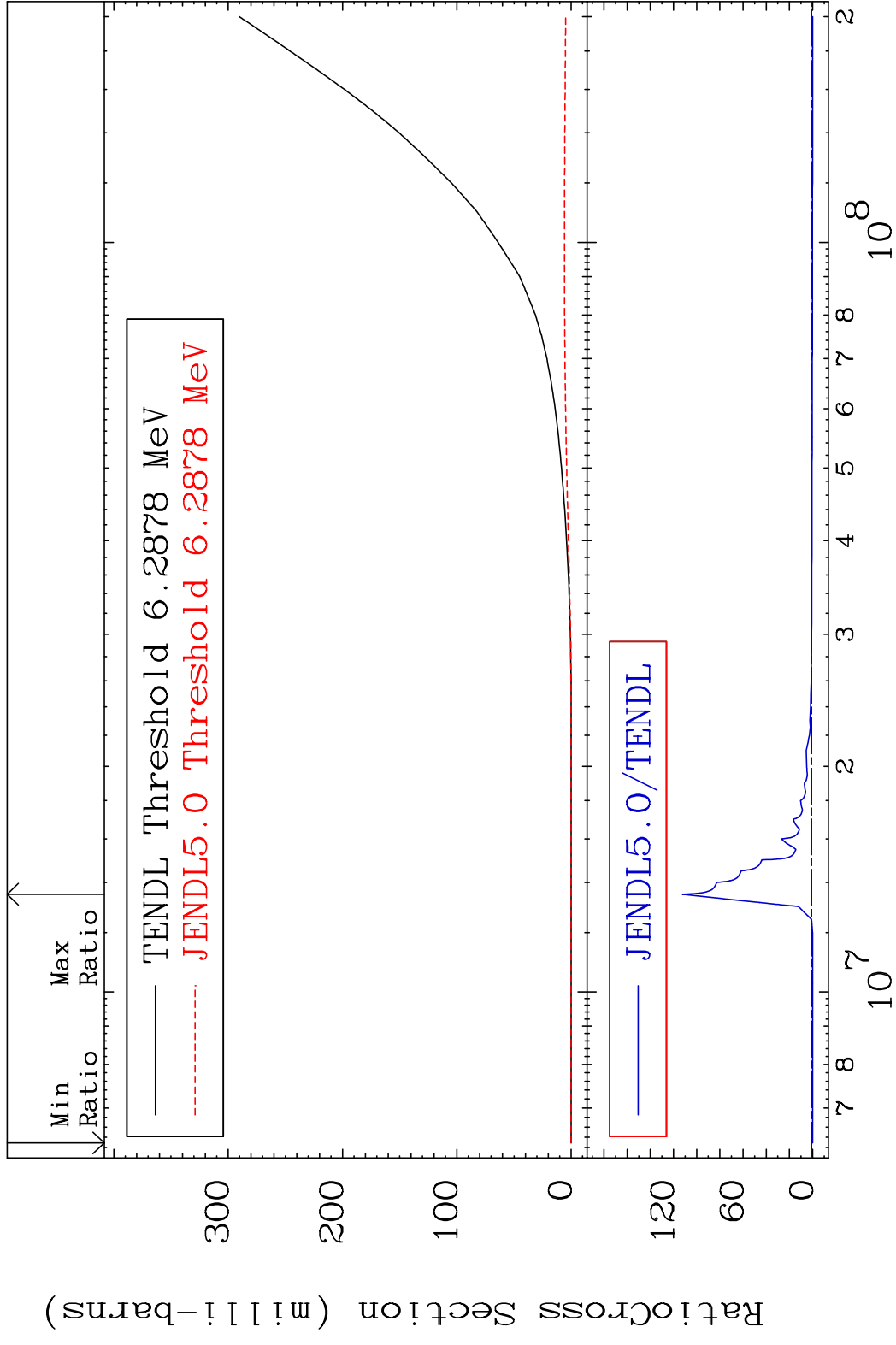


MAT 6522

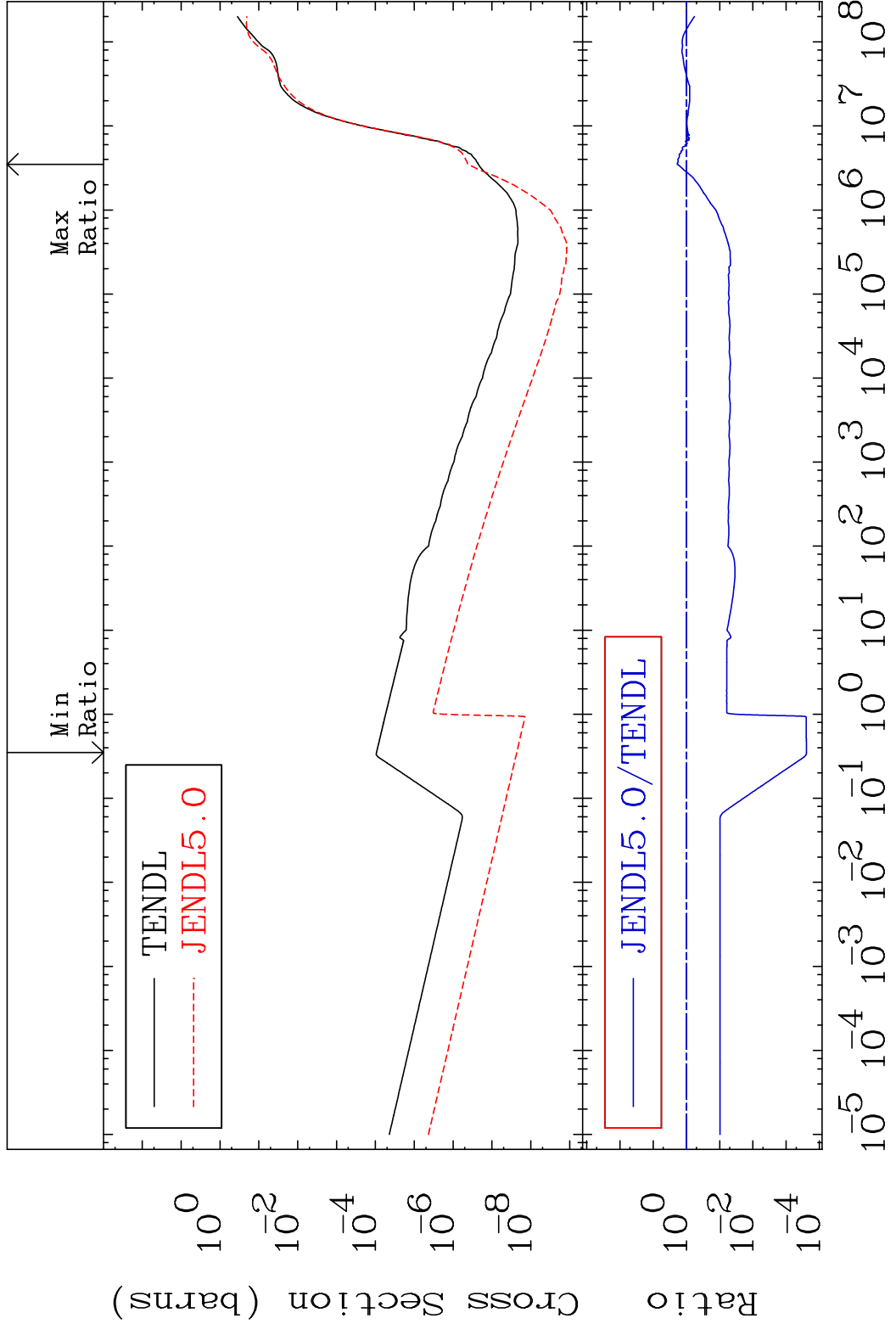
He-3 Production

65-Tb-158

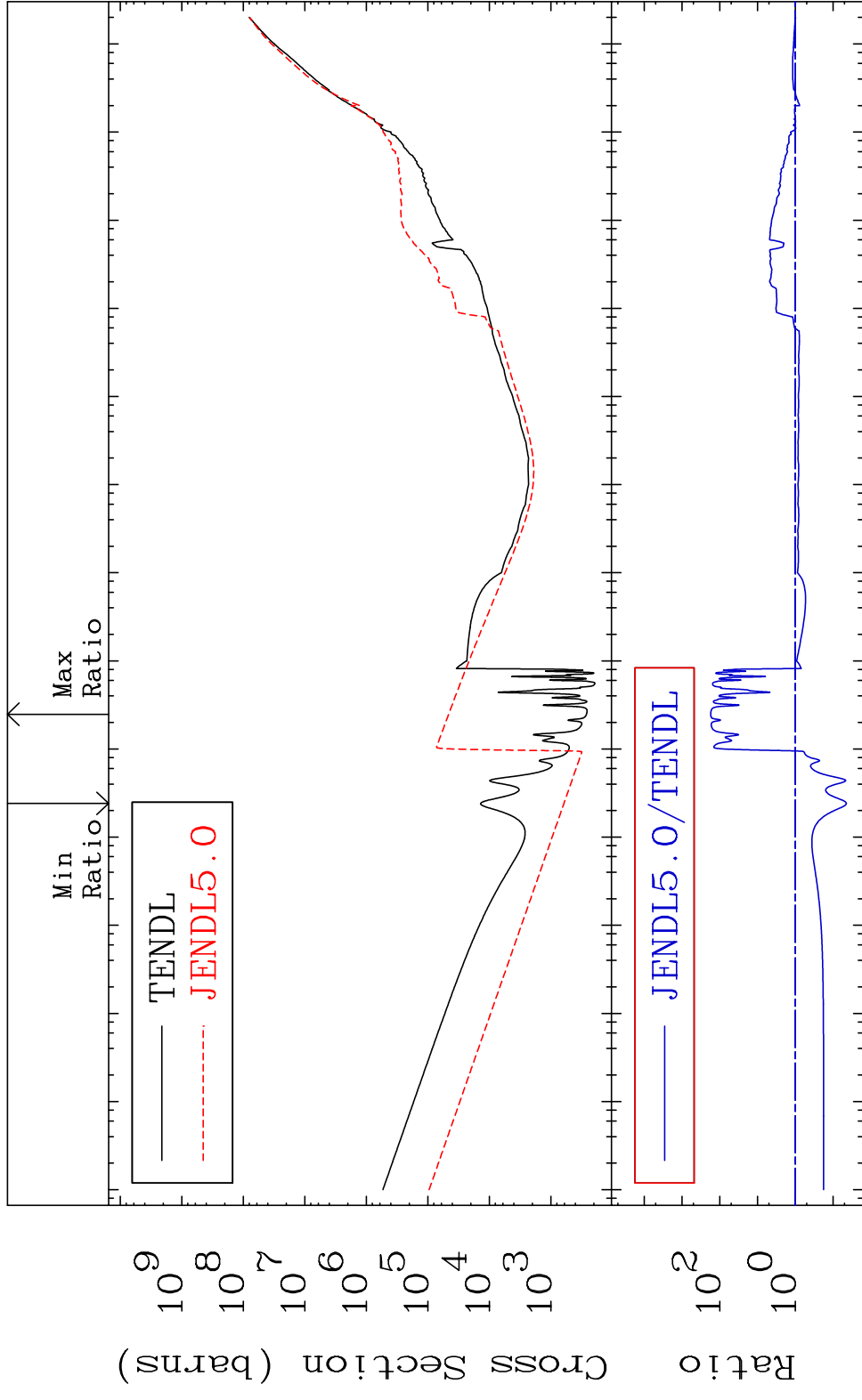
Cross Section -100.0 To 9999. %



MAT 6522 He-4 Production 65-Tb-158
 Cross Section -99.98 To 89.51 %



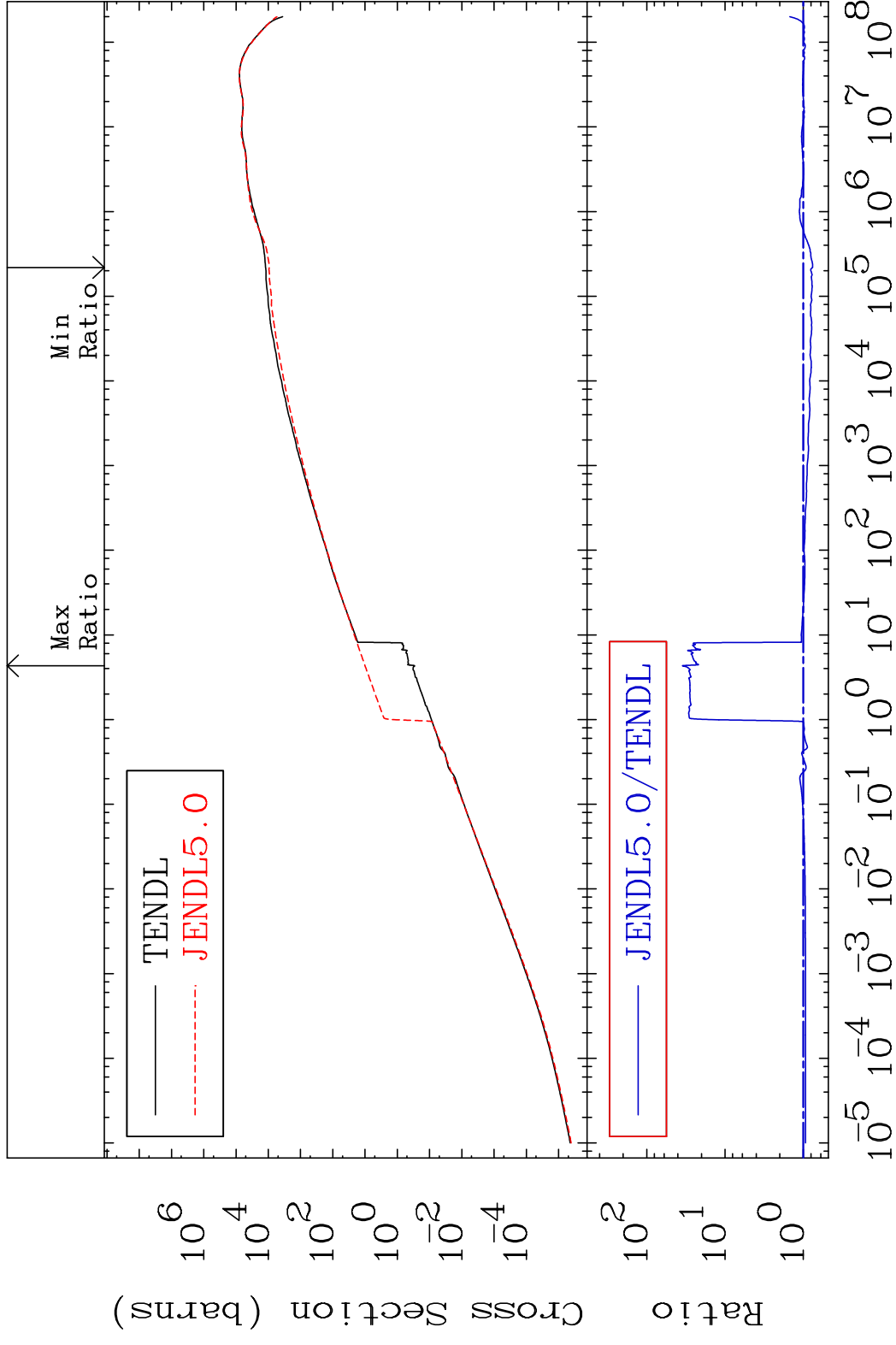
MAT 6522 Kerma total (eV-barns) 65-Tb-158
 Cross Section -95.56 To 9999. %



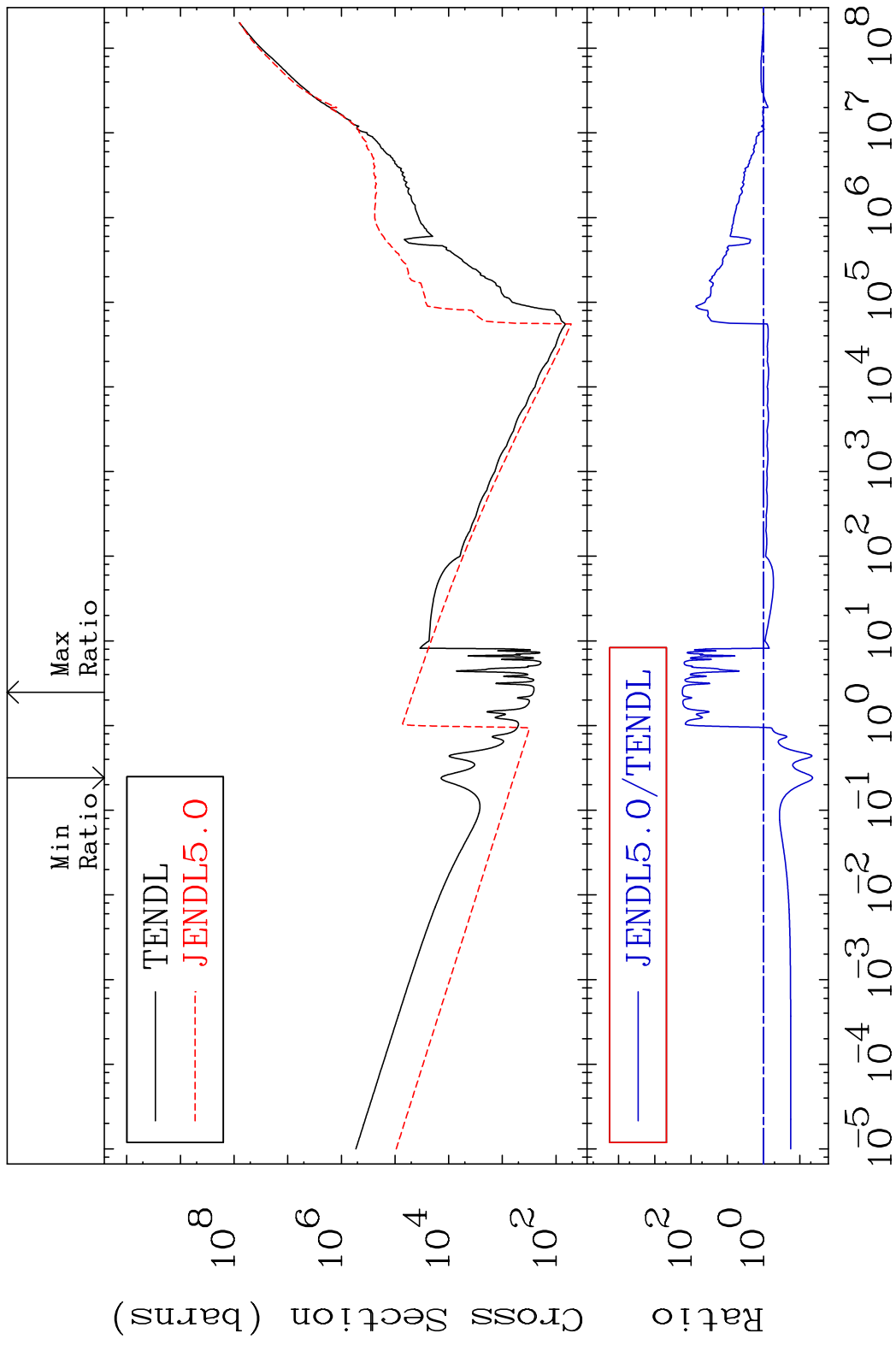
MAT 6522

Kerma elastic
Cross Section

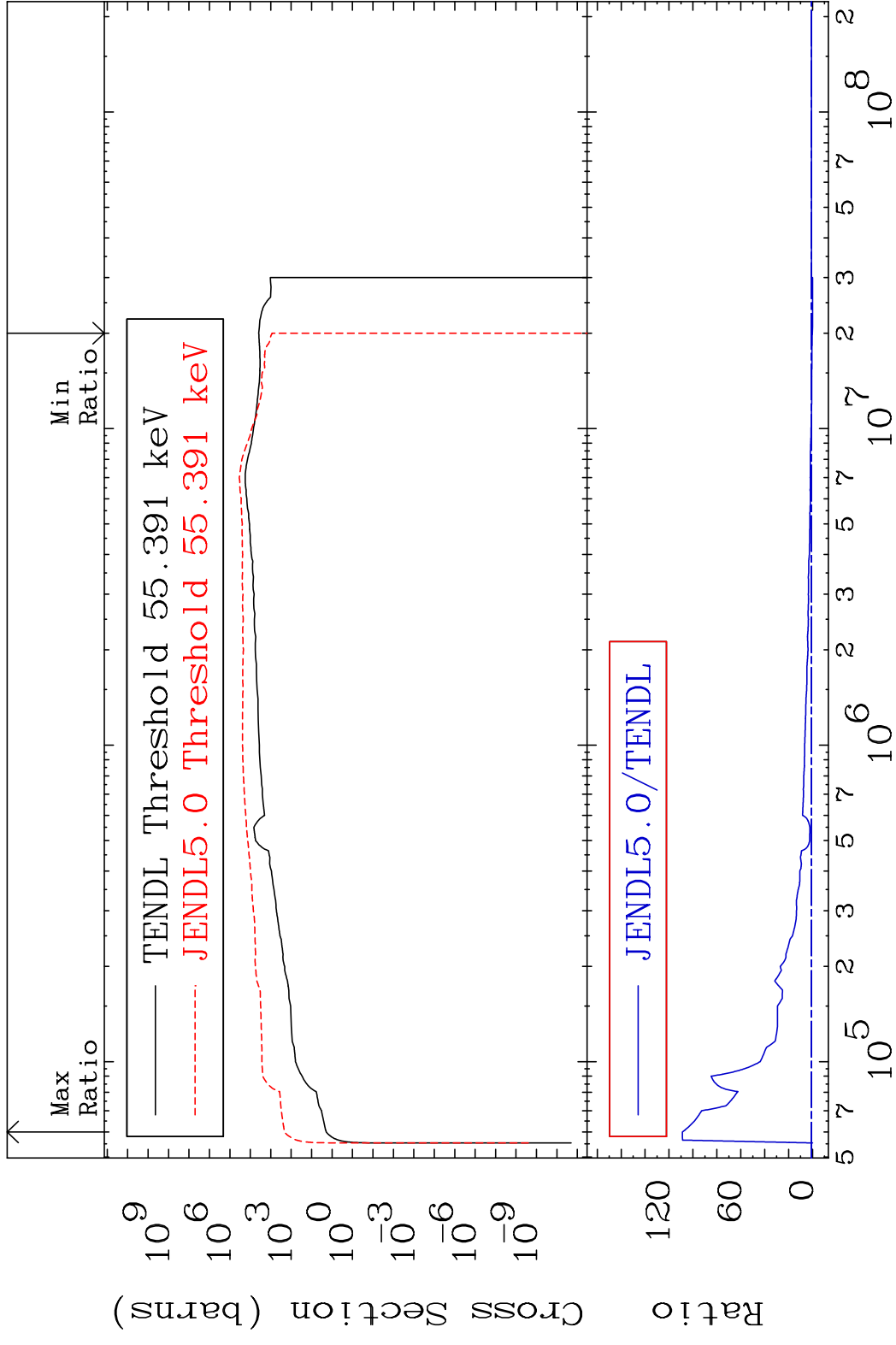
65-Tb-158
-23.75 To 3411. %



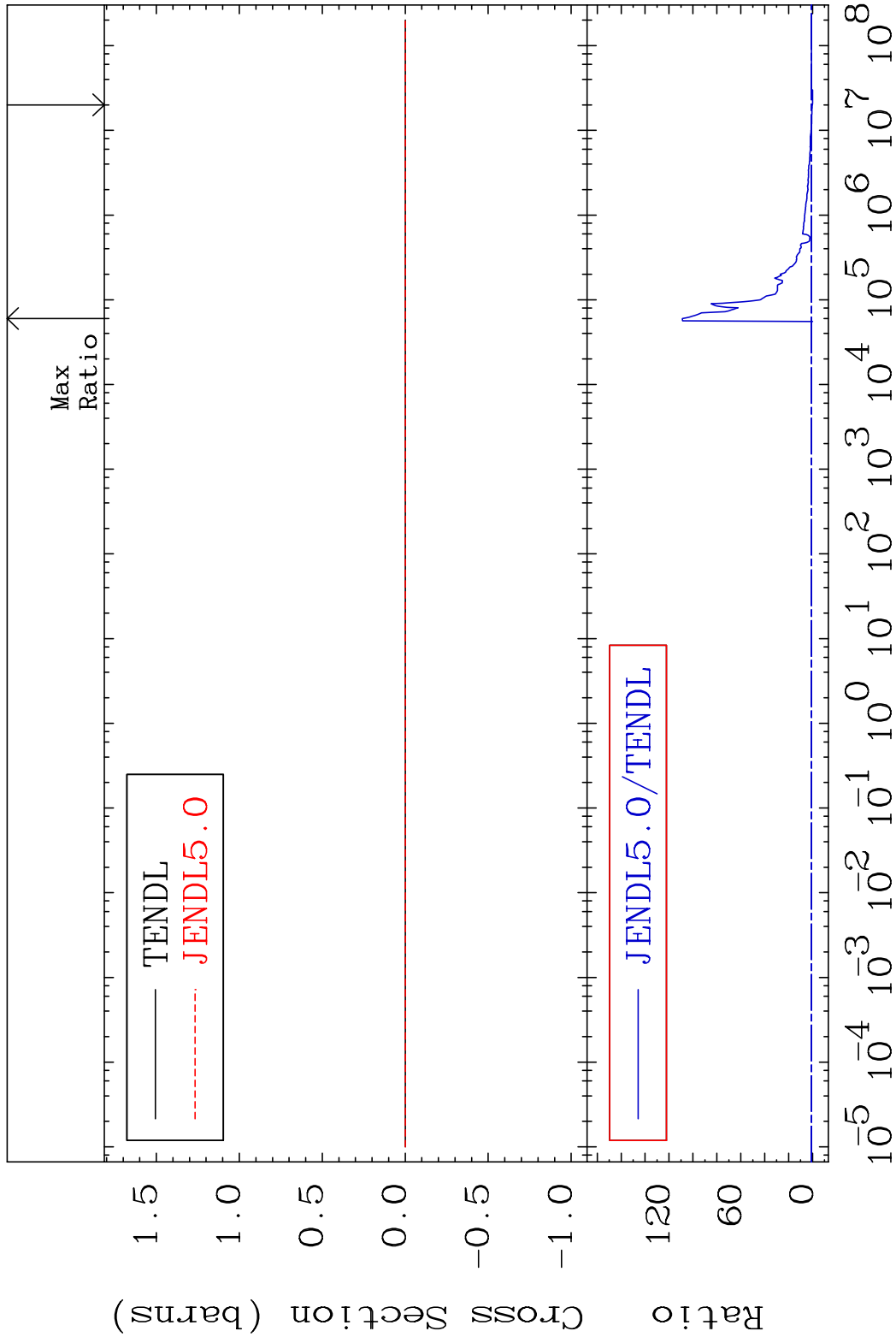
MAT 6522 Kerma non-elastic (all but mt2) 65-Tb-158
 Cross Section -95.57 To 9999. %



MAT 6522 Kerma inelastic (mt51-91) 65-Tb-158
 Cross Section -100.0 To 9999. %

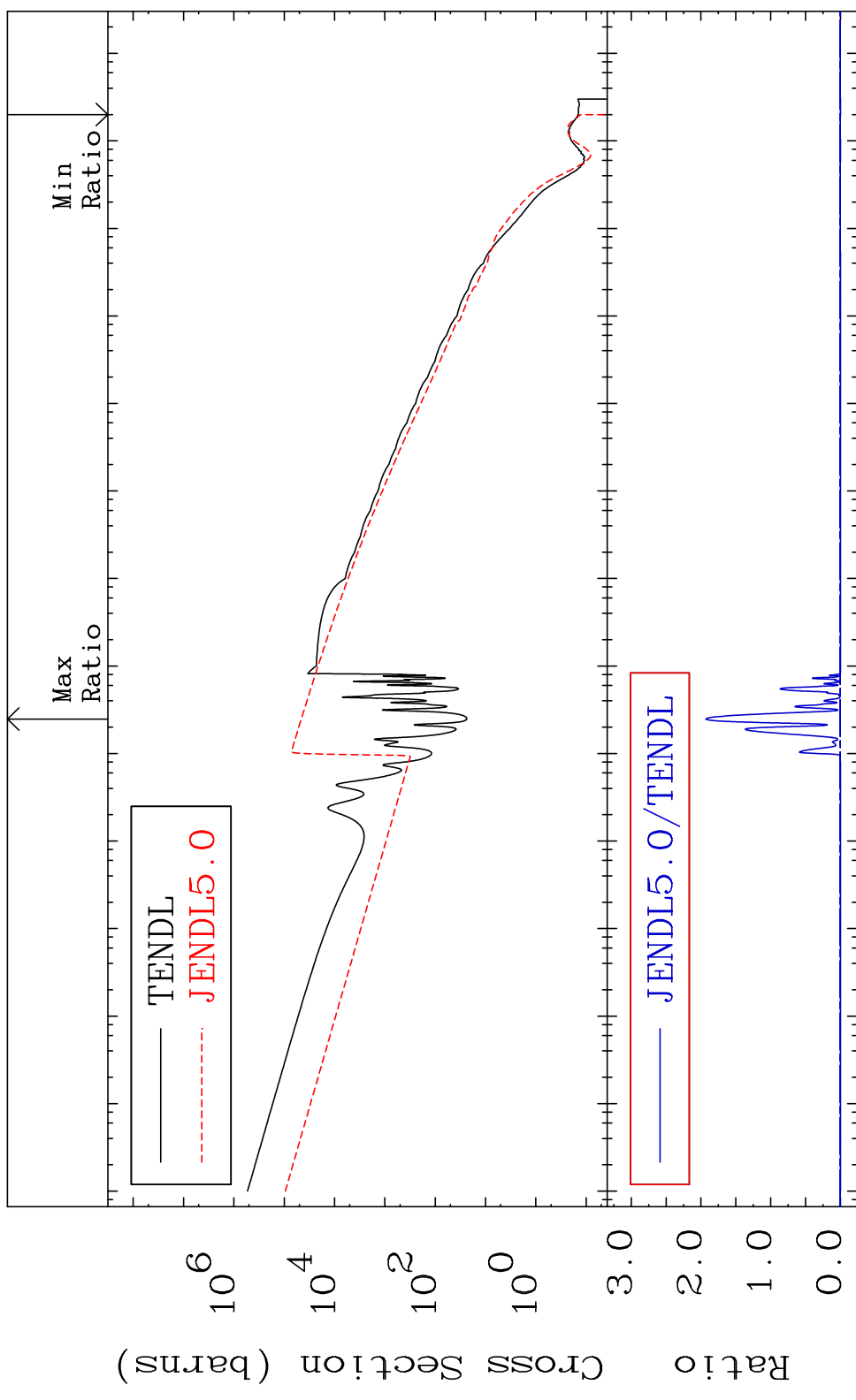


MAT 6522 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-158
 Cross Section -100.0 To 9999. %



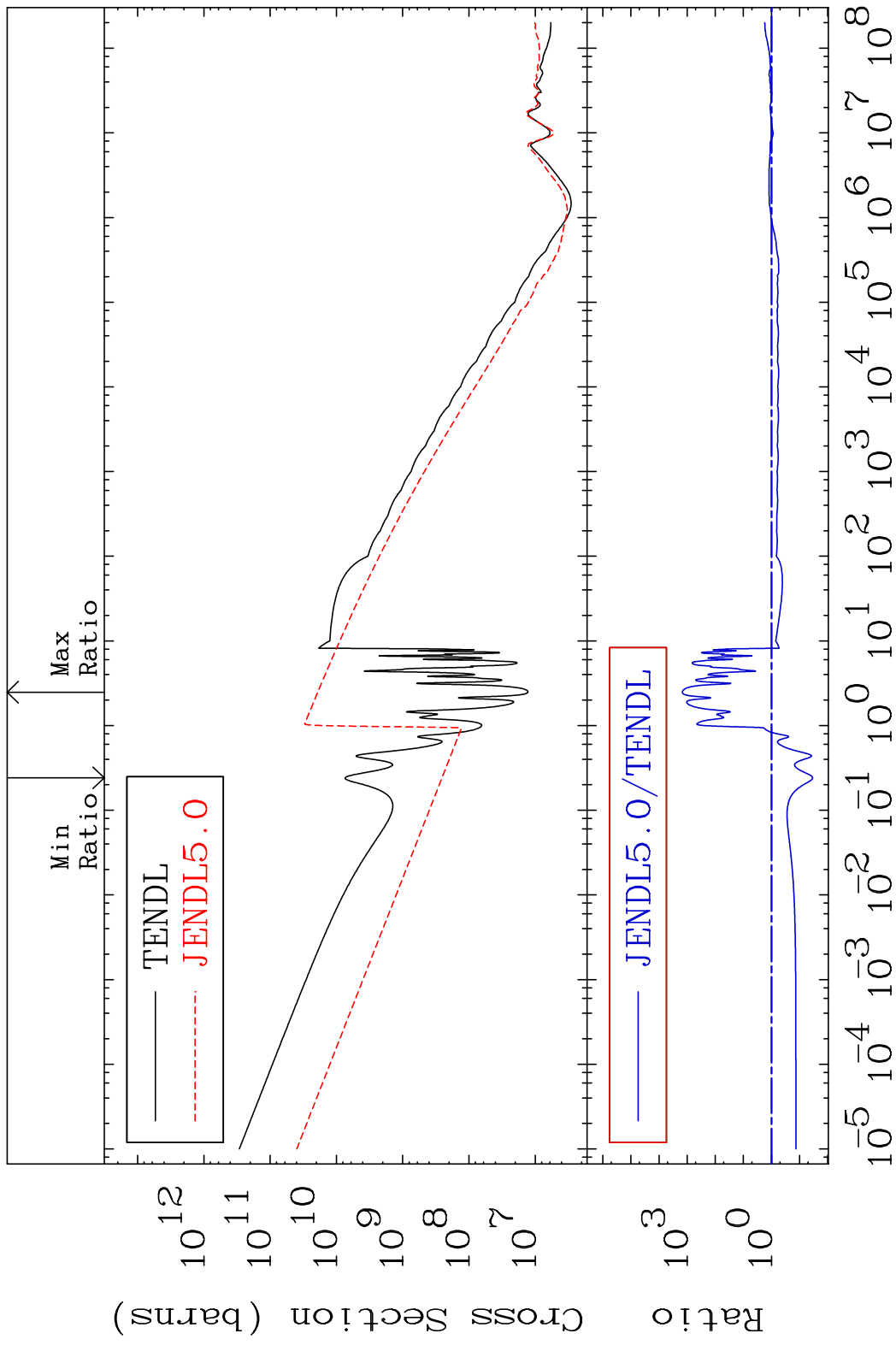
MAT 6522

Kerma capture (mt102) 65-Tb-158
Cross Section -100.0 To 9999. %

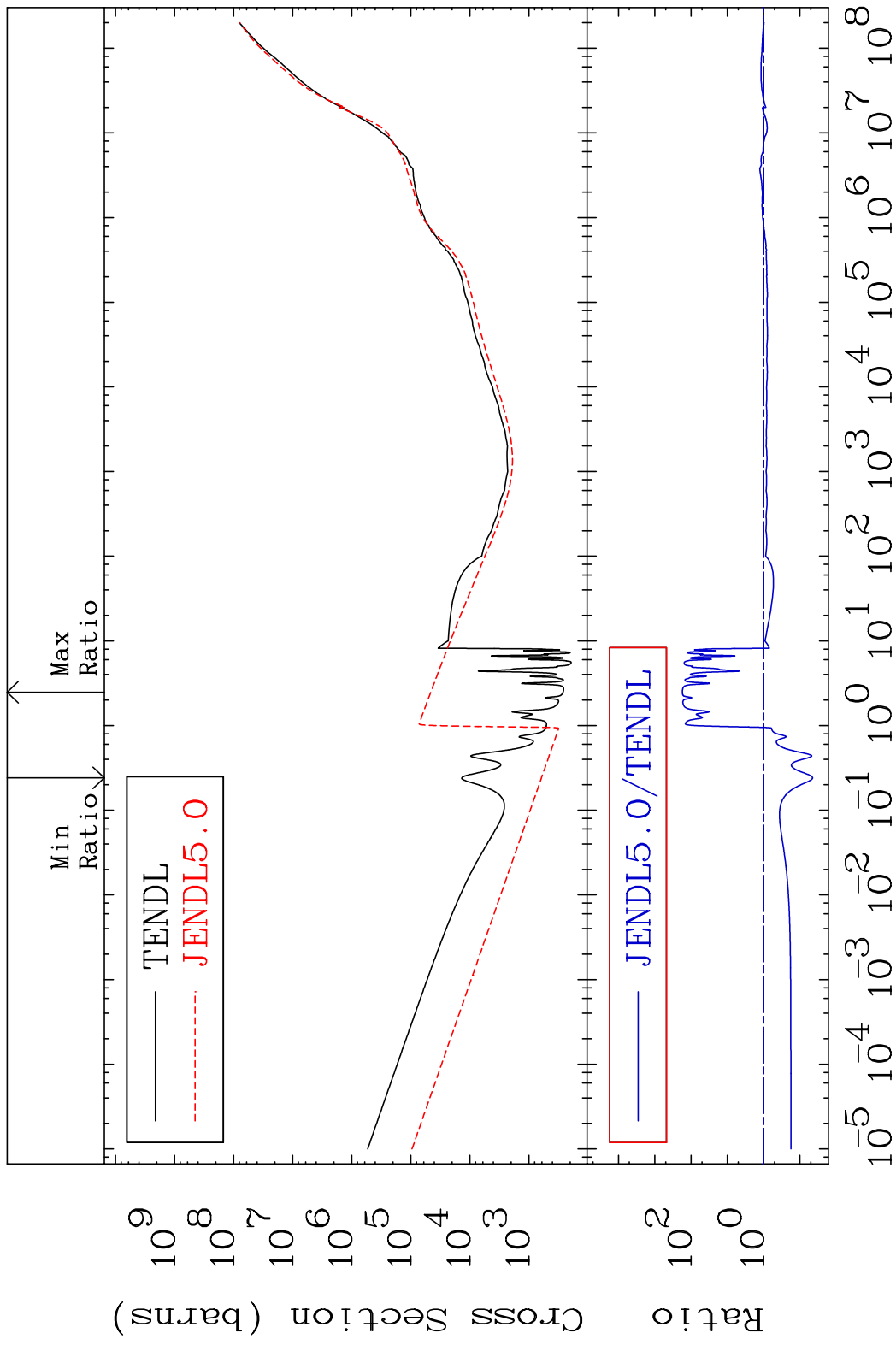


60 65-Tb-158

MAT 6522 Total photon (eV-barns) 65-Tb-158
 Cross Section -96.53 To 9999. %



MAT 6522 Total kinematic kerma (high limit) 65-Tb-158
 Cross Section -95.52 To 9999. %

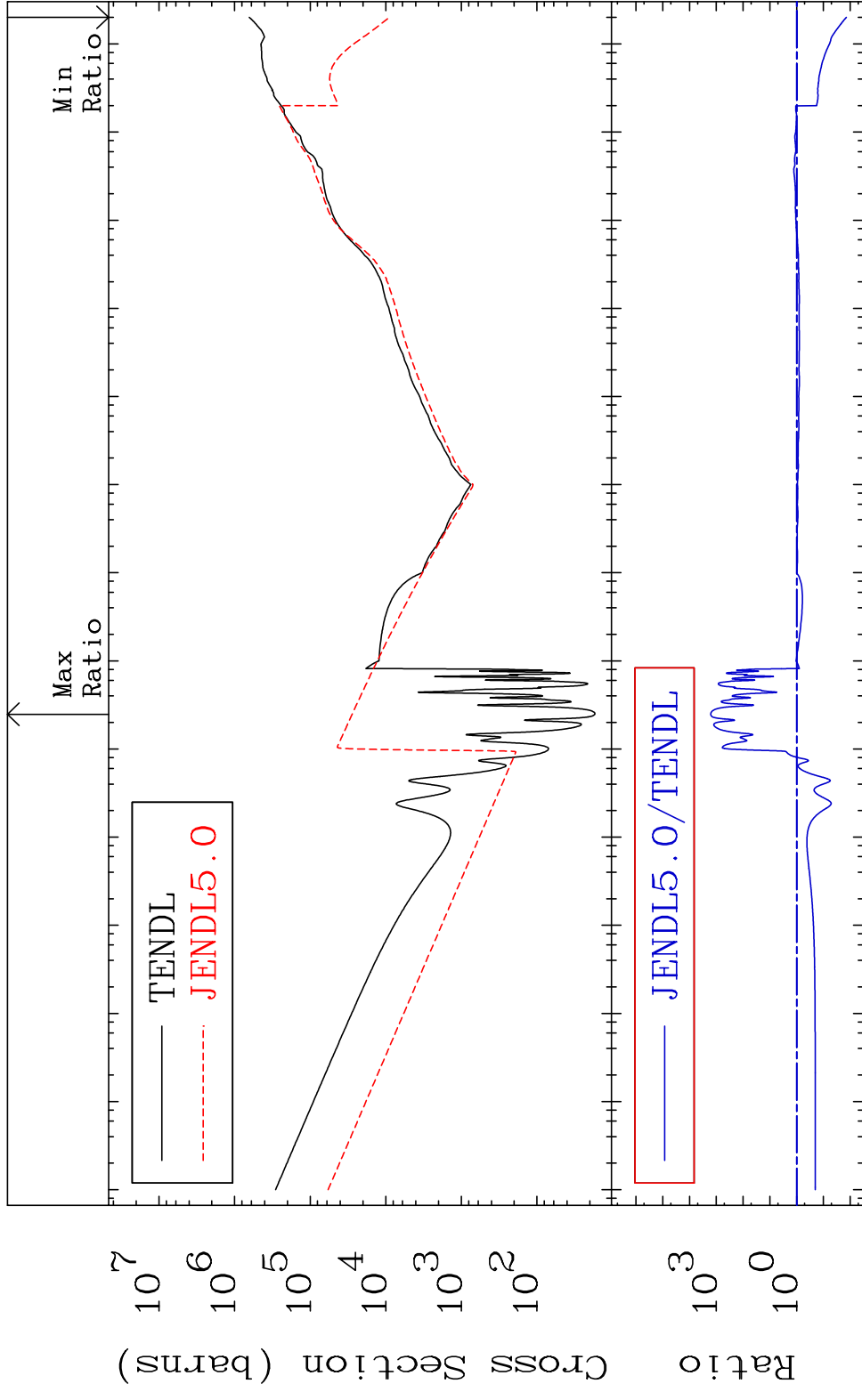


MAT 6522

Dpa total (eV-barns)

65-Tb-158

Cross Section -98.61 To 9999. %



63

Incident Energy (eV)

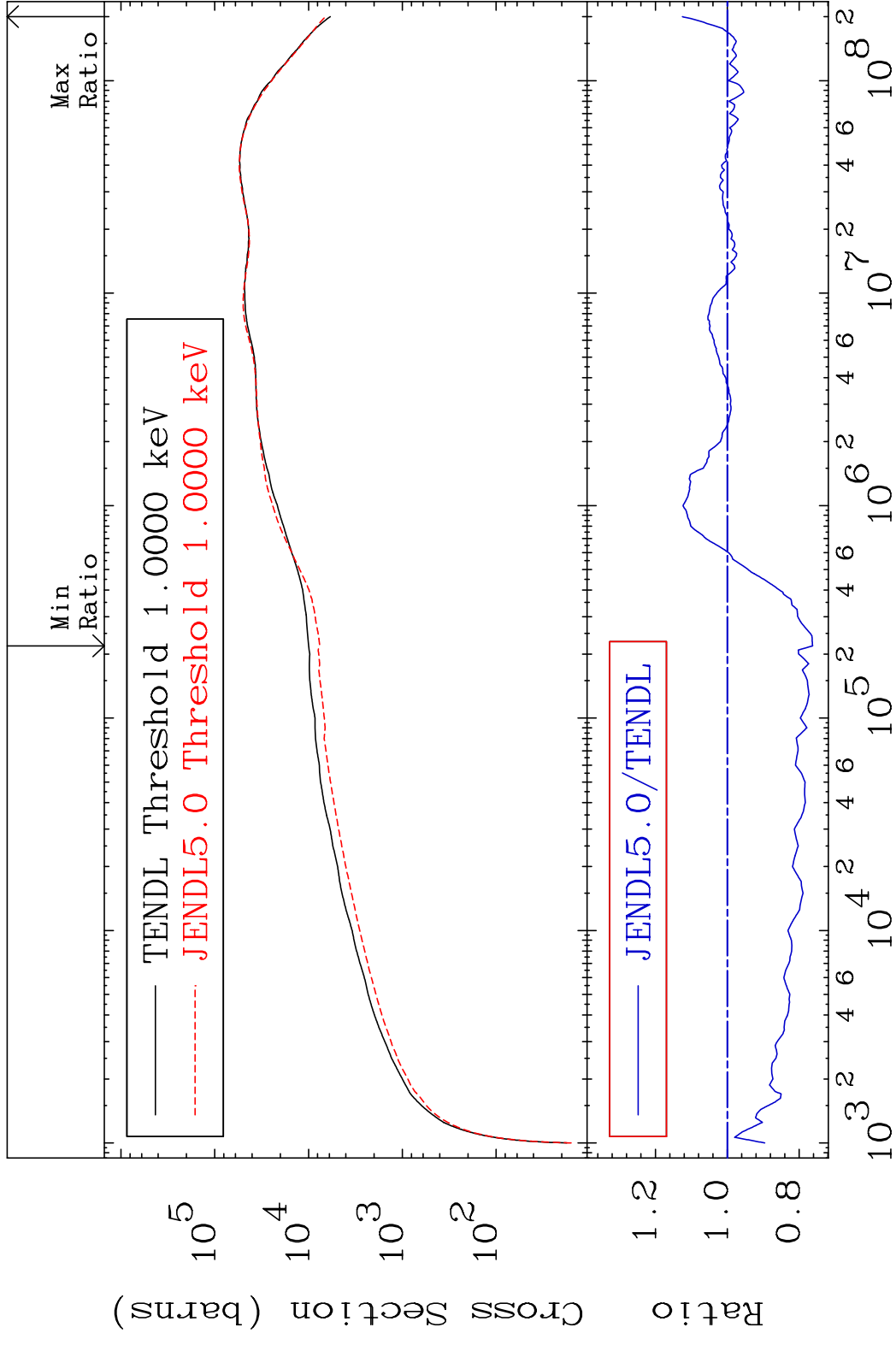
65-Tb-158

MAT 6522

Dpa elastic (mt2)

65-Tb-158

Cross Section -23.71 To 12.50 %

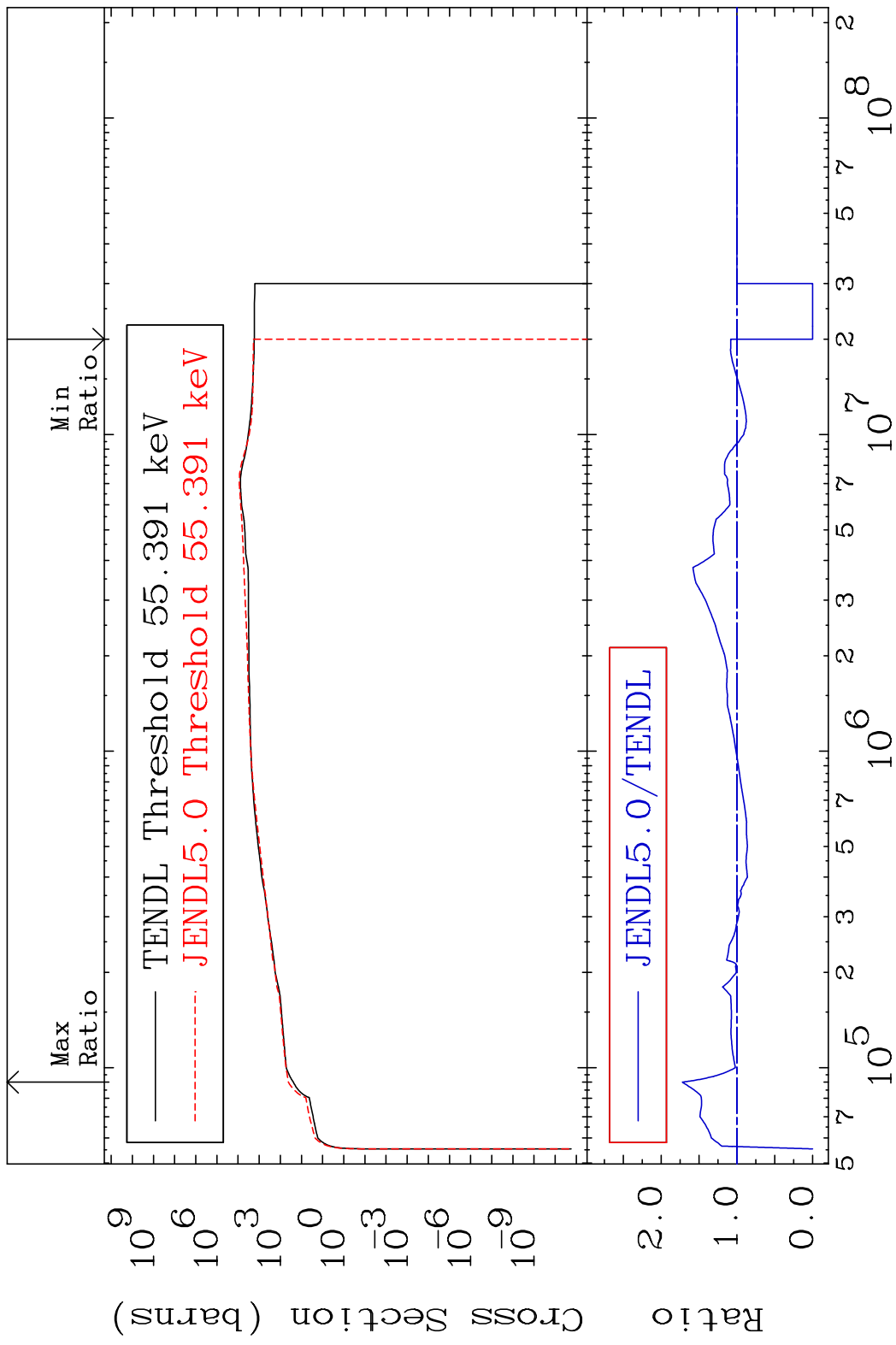


64

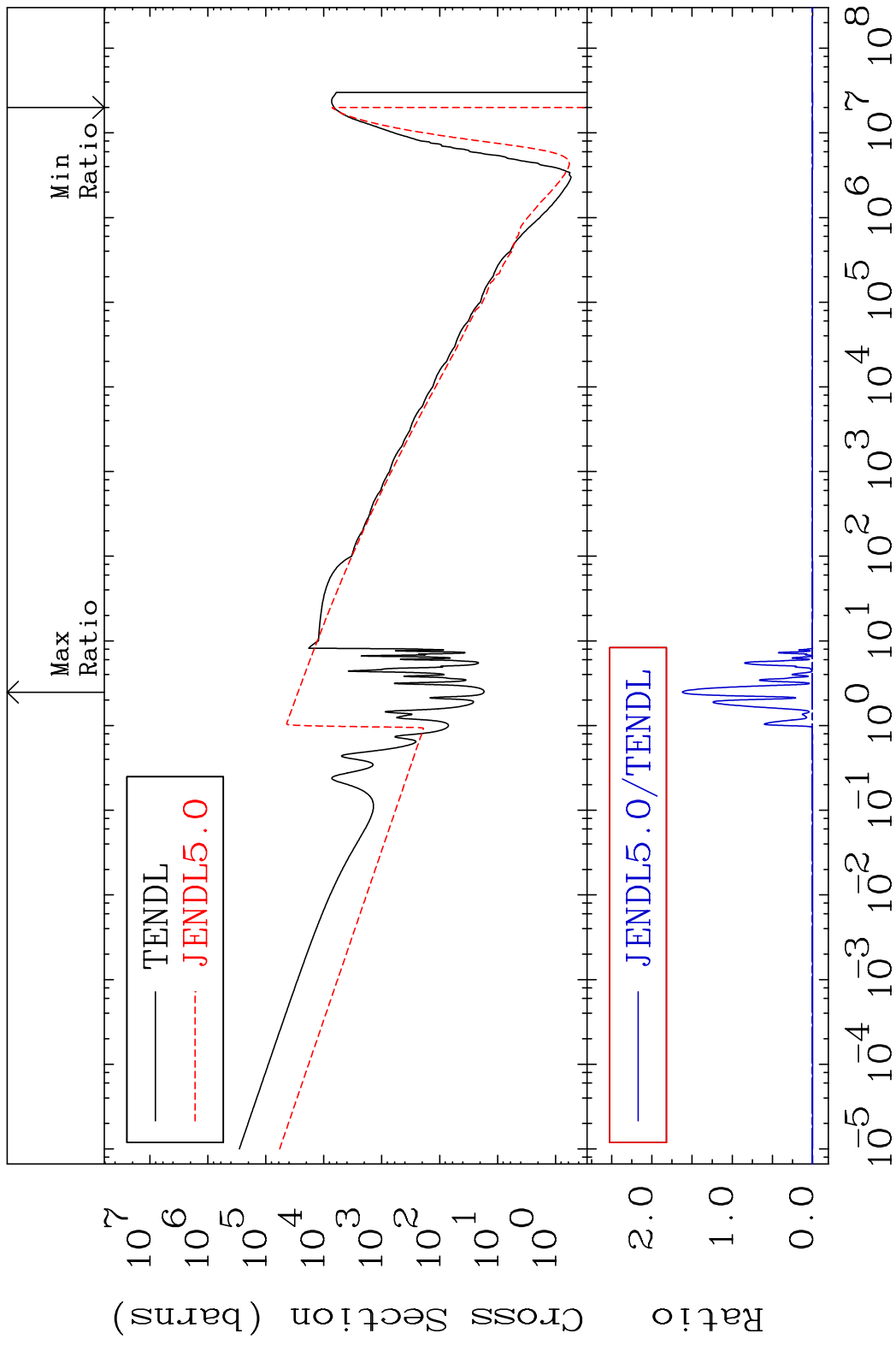
Incident Energy (eV)

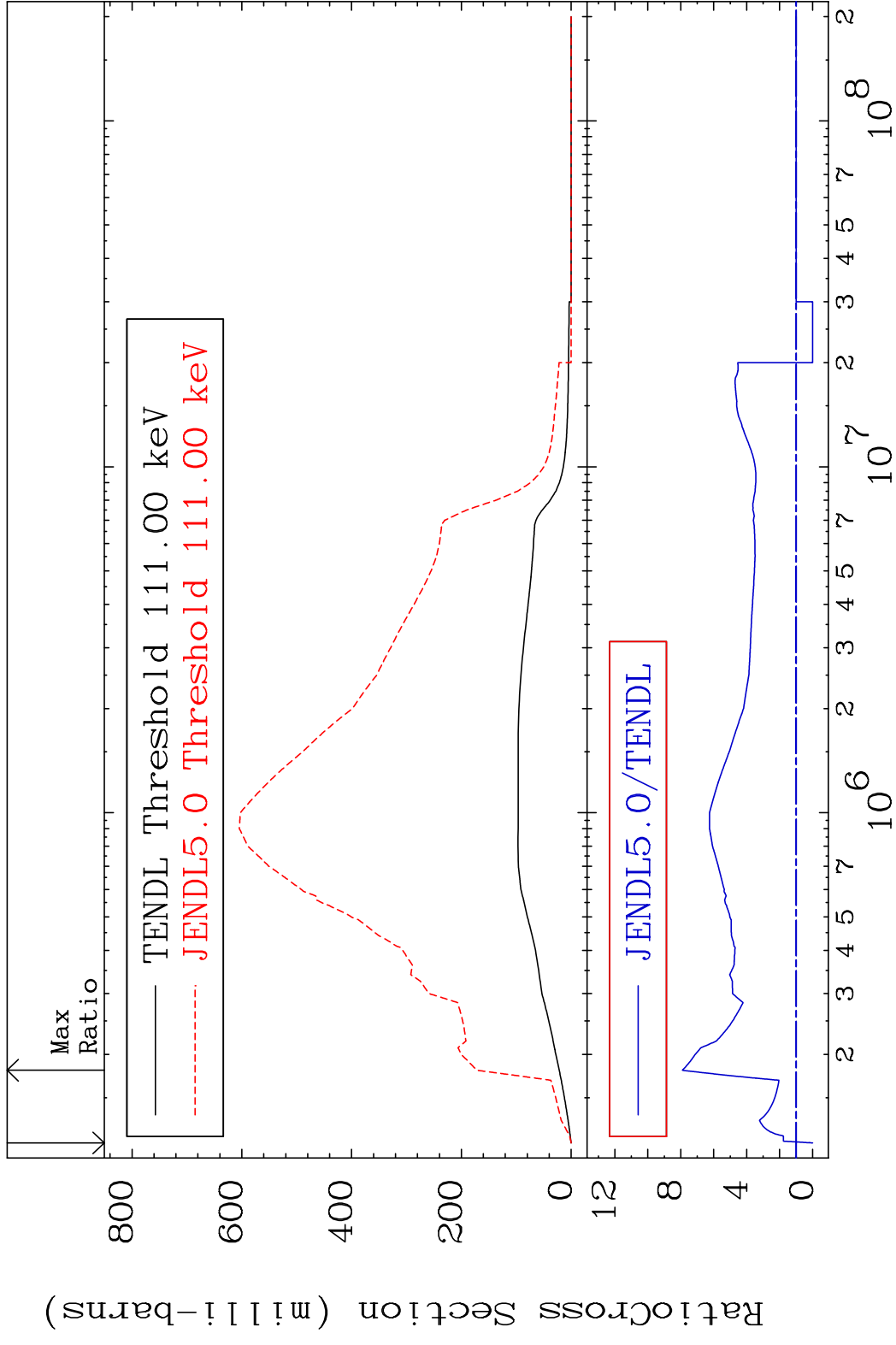
65-Tb-158

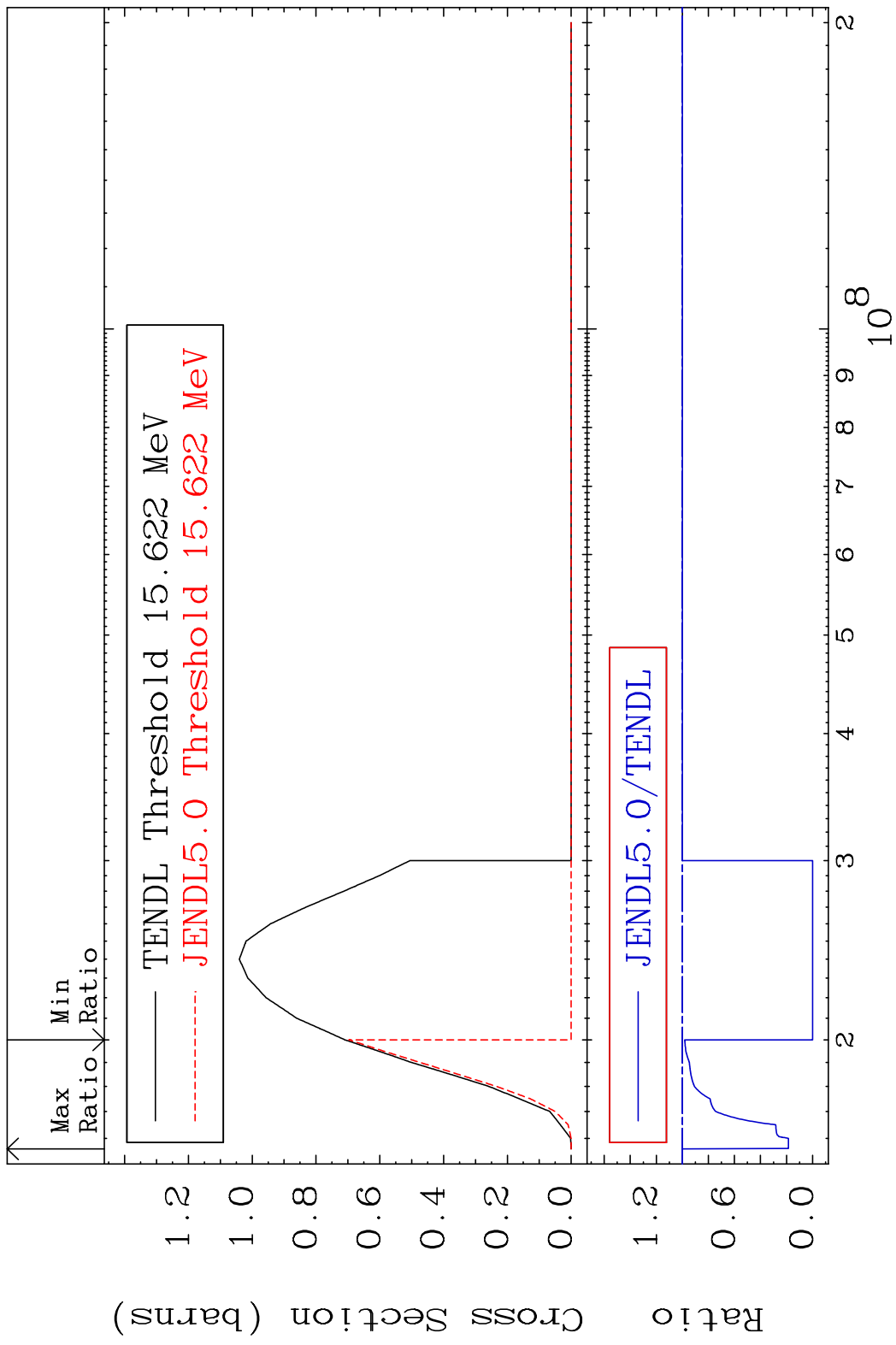
MAT 6522 Dpa inelastic (mt51-91) 65-Tb-158
 Cross Section -100.0 To 71.99 %

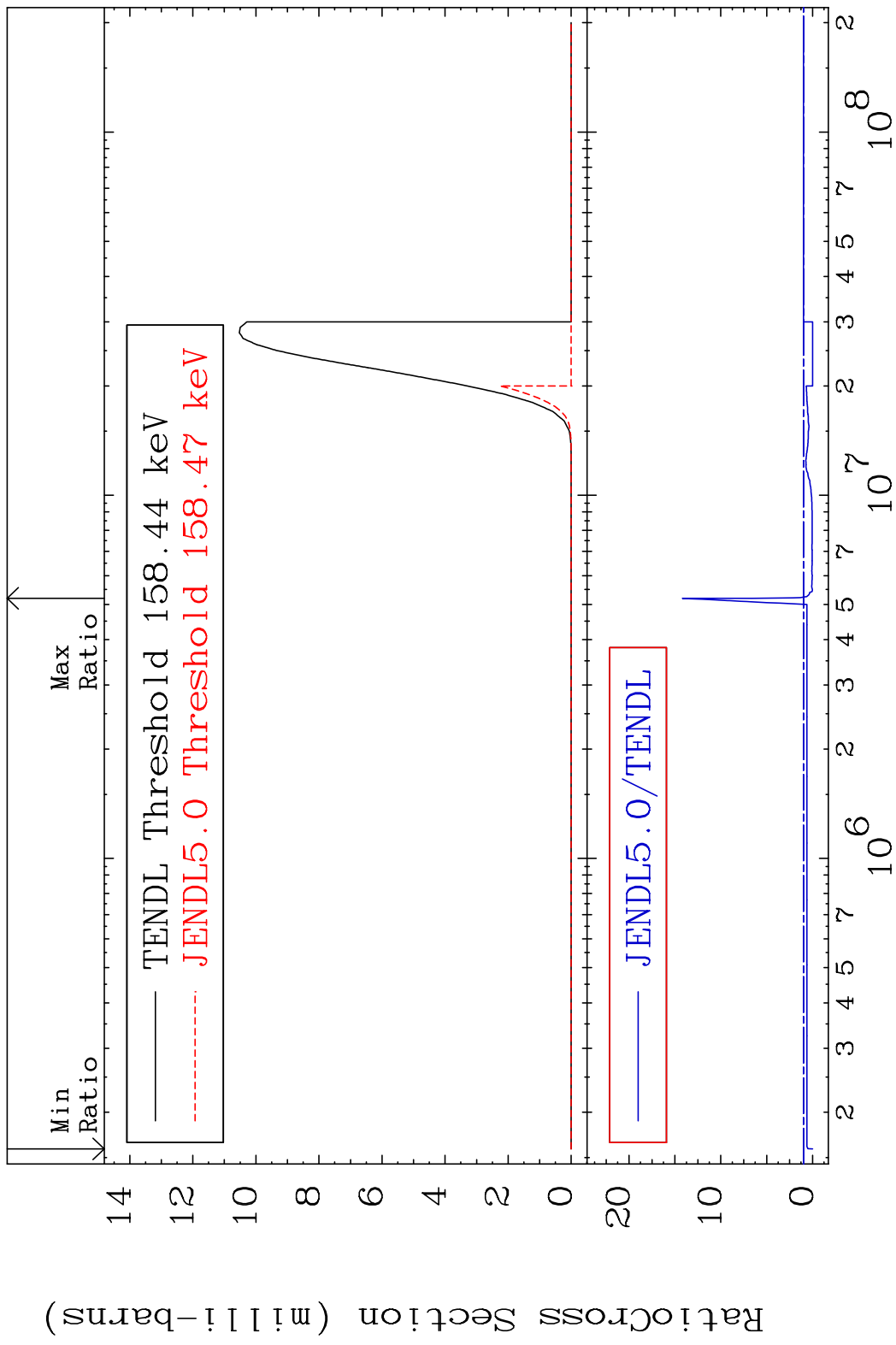


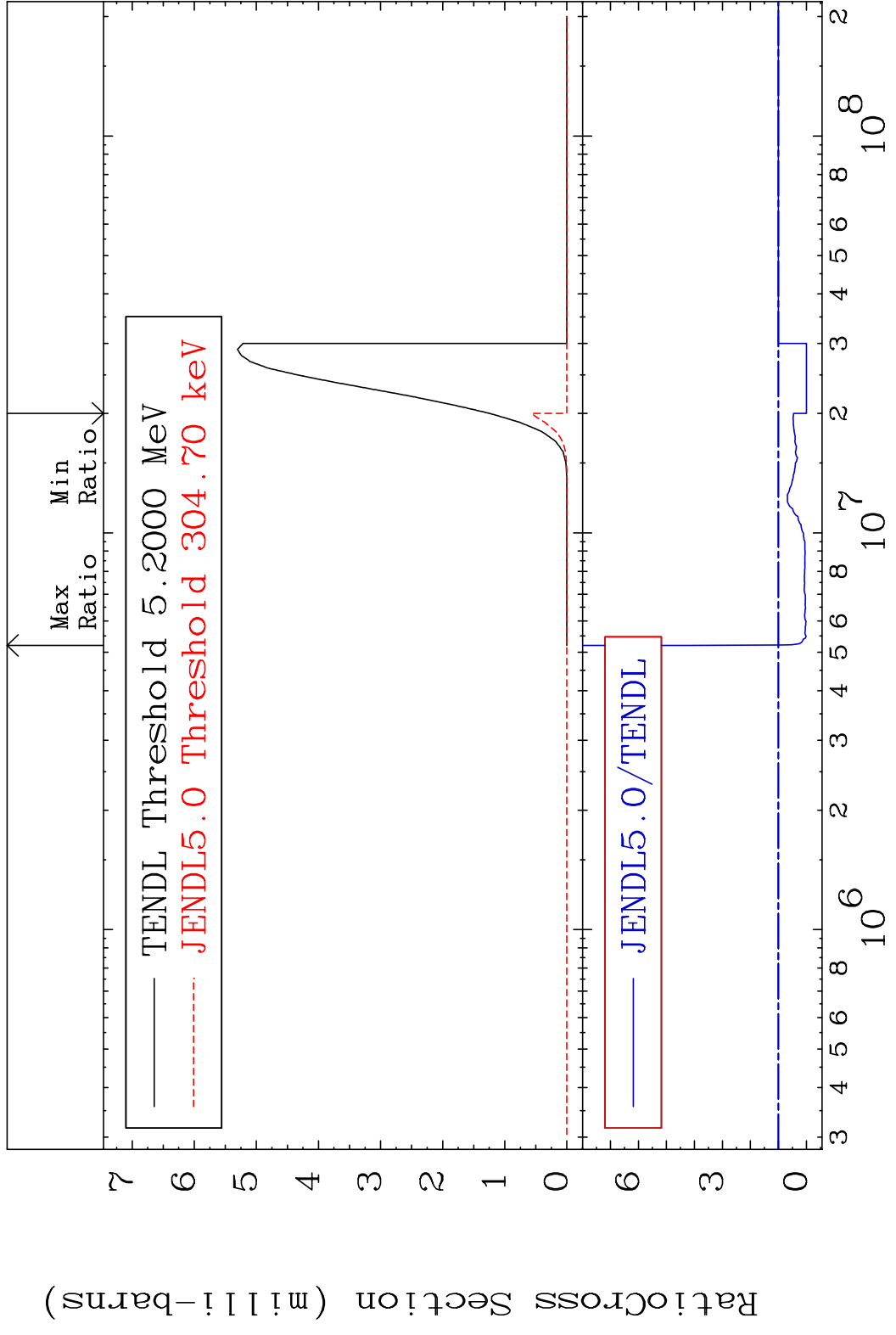
MAT 6522 Dpa disappearance (mt102 -120) 65-Tb-158
 Cross Section -100.0 To 9999. %



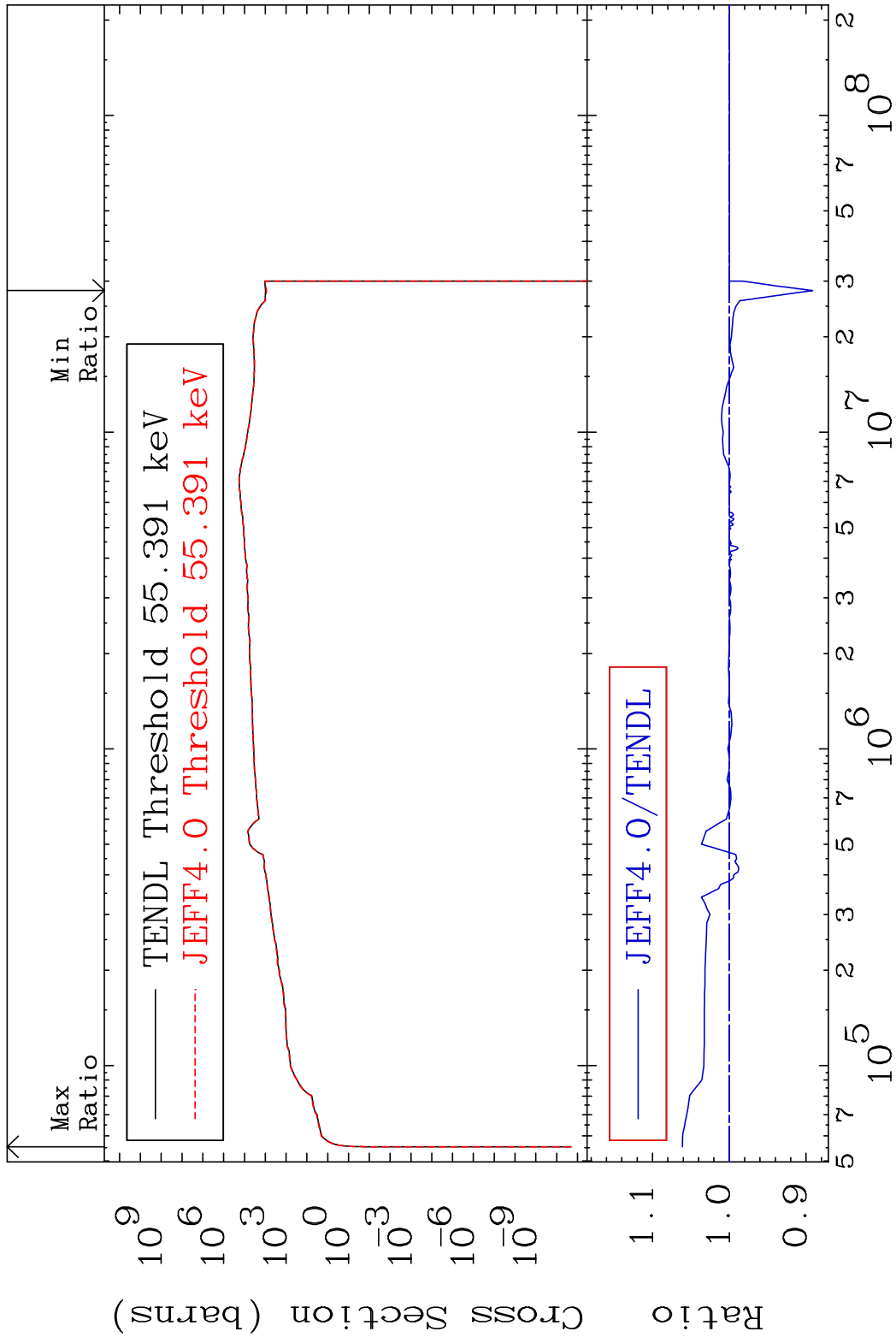




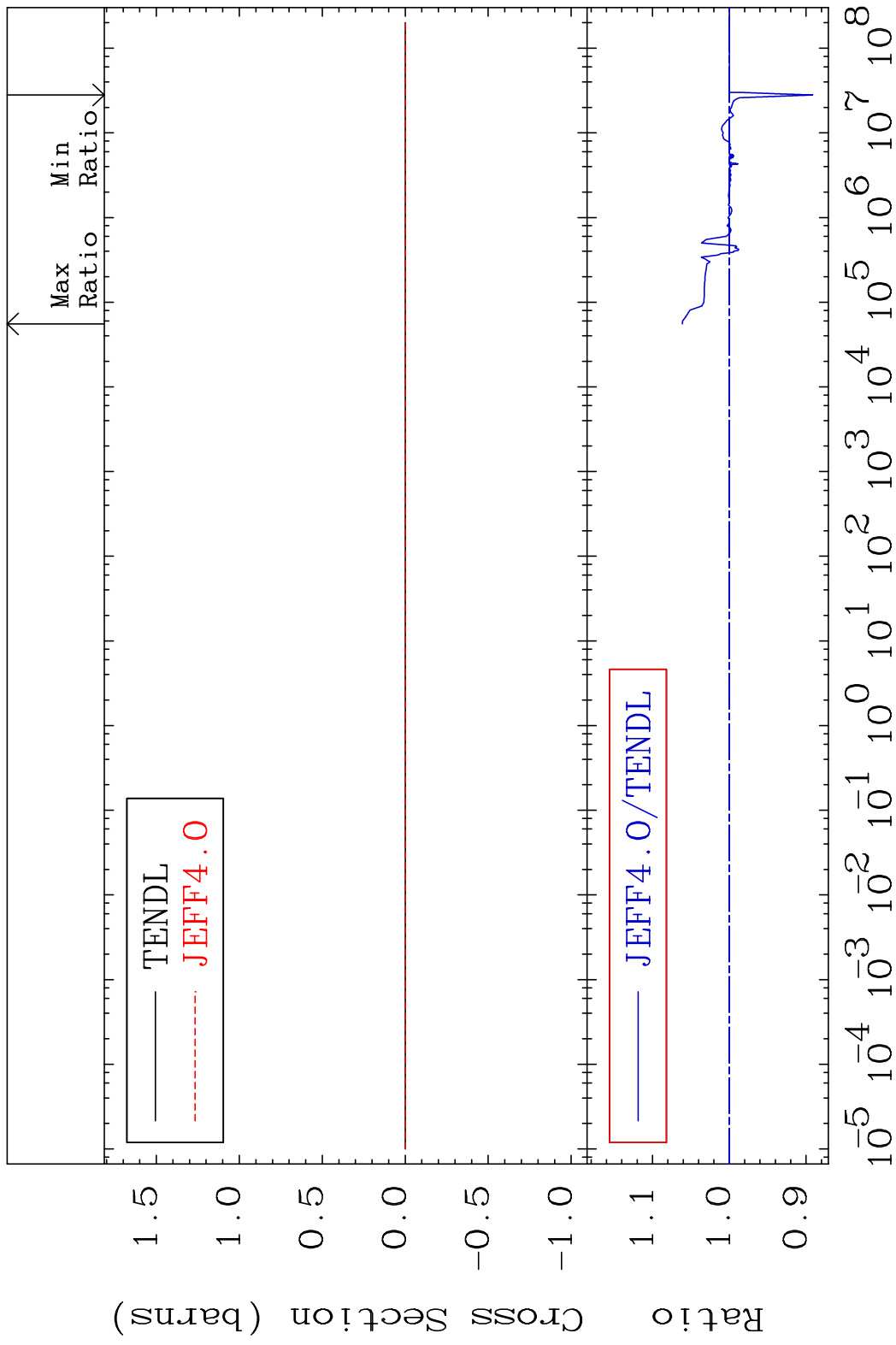




MAT 6522 Kerma inelastic (mt51-91) 65-Tb-158
 Cross Section -10.84 To 6.117 %

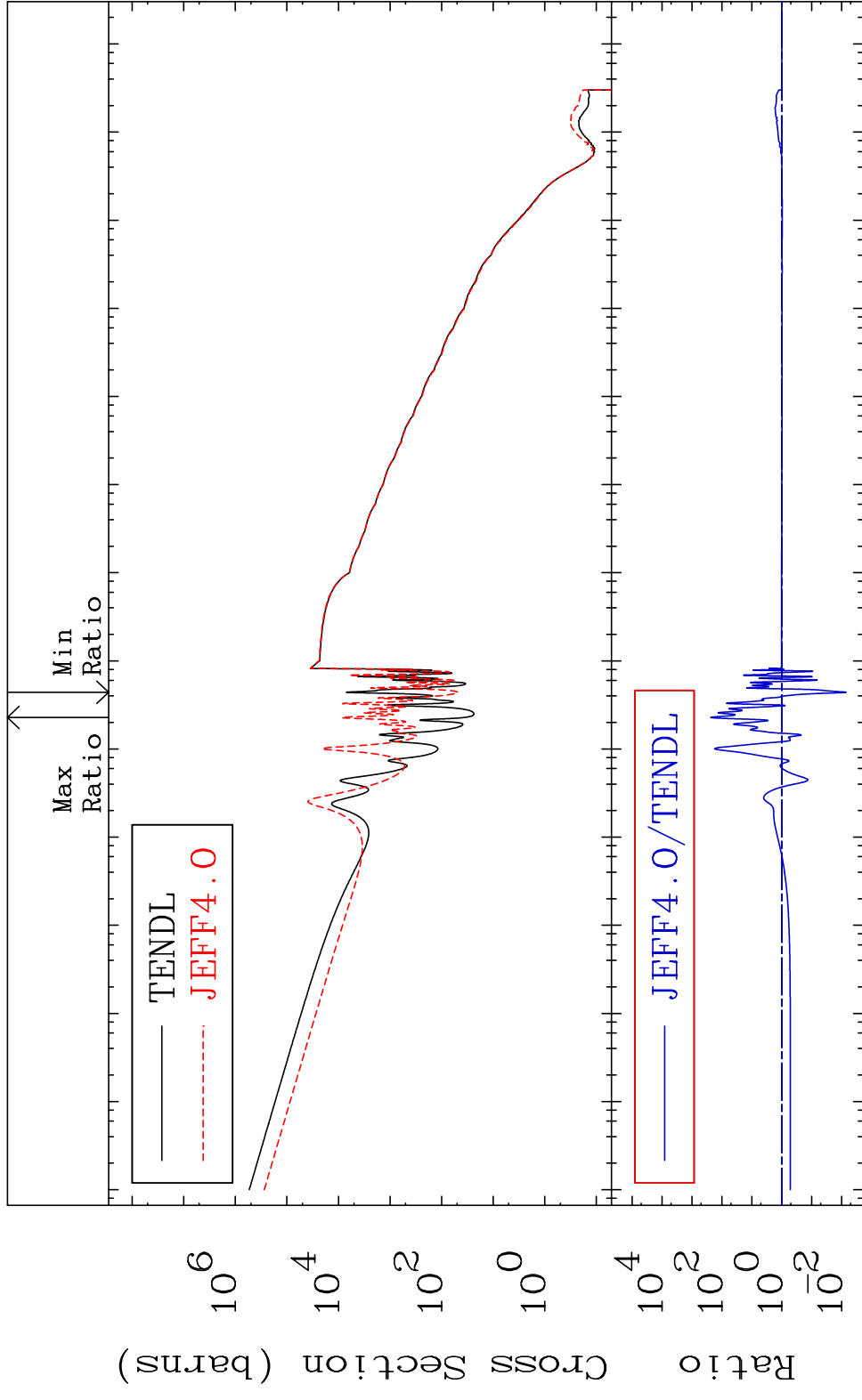


MAT 6522 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-158
 Cross Section -10.84 To 6.117 %



MAT 6522

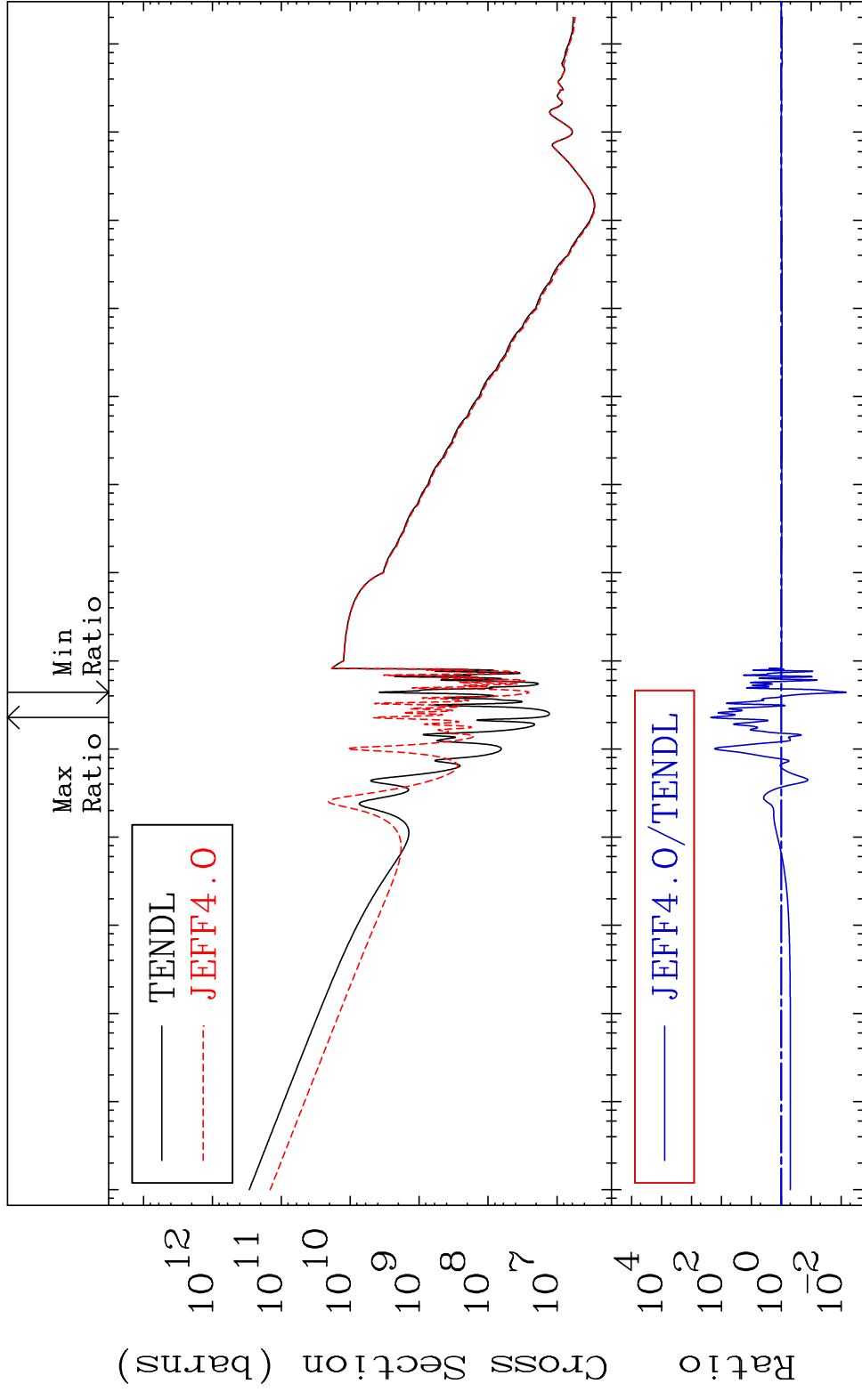
Kerma capture (mt102) 65-Tb-158
Cross Section -99.31 To 9999. %



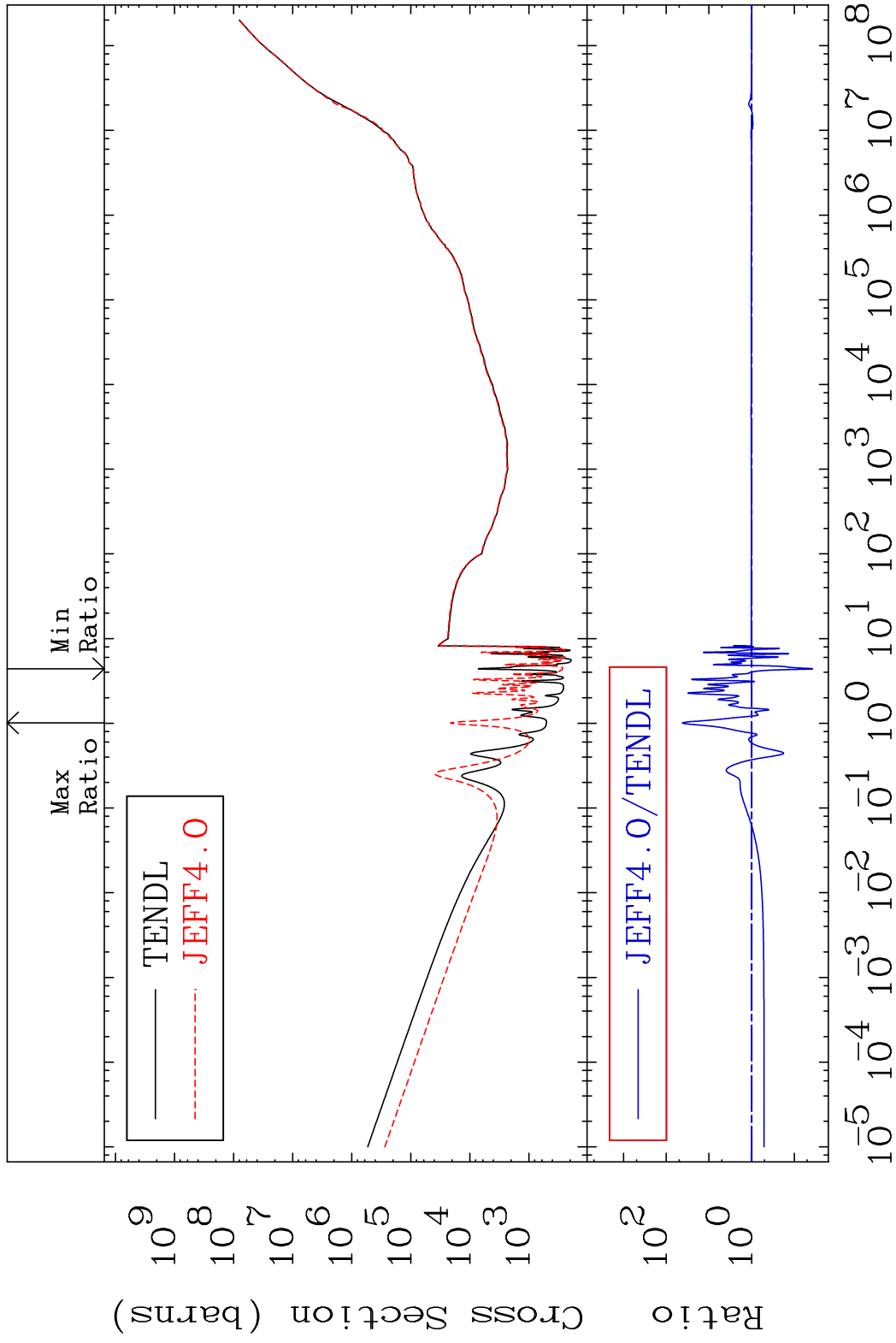
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Incident Energy (eV) 65-Tb-158

MAT 6522 Total photon (eV-barns) 65-Tb-158
 Cross Section -99.33 To 9999. %



MAT 6522 Total kinematic kerma (high limit) 65-Tb-158
 Cross Section -96.27 To 4103. %



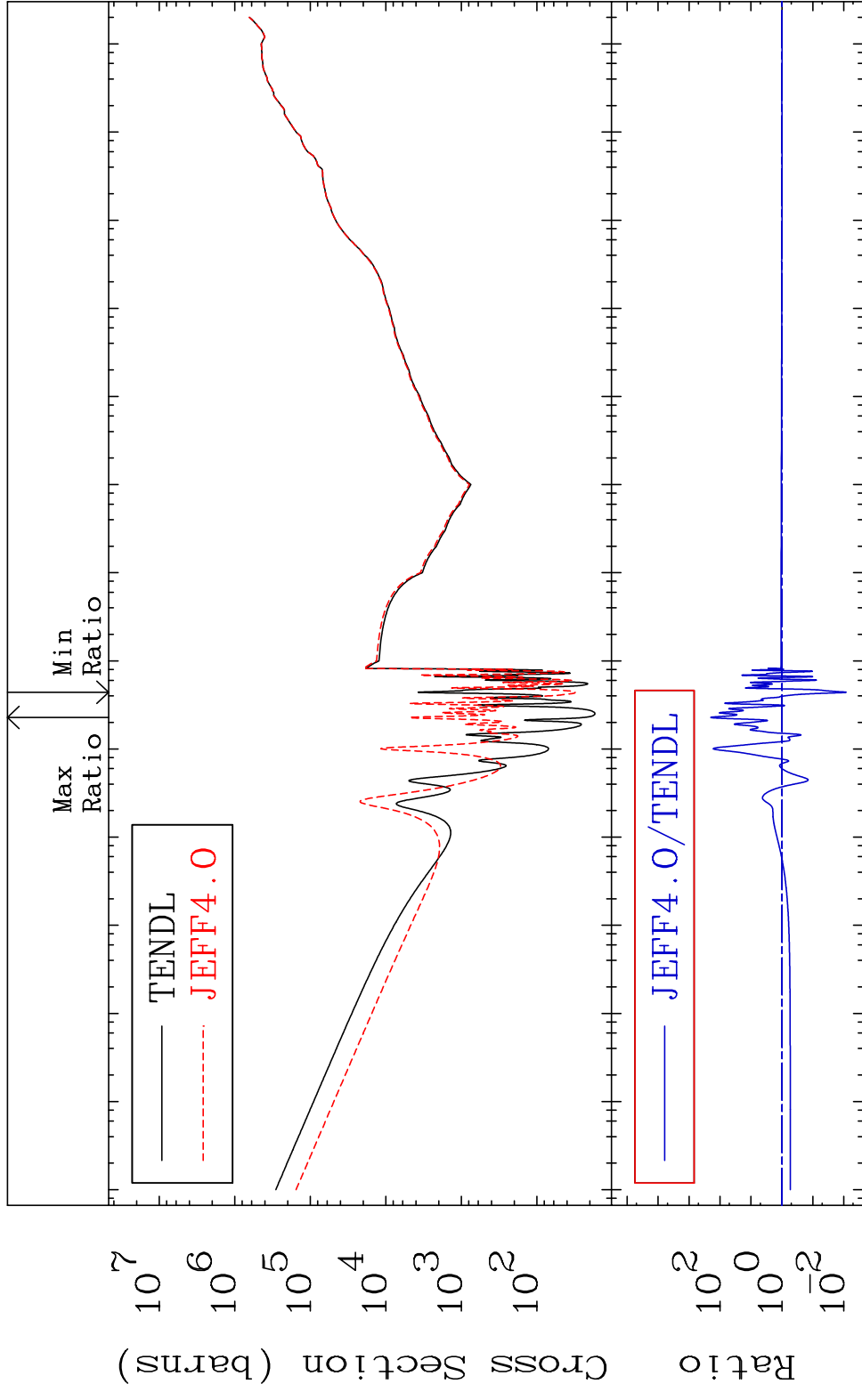
75 Incident Energy (eV) 65-Tb-158

MAT 6522

Dpa total (eV-barns)

65-Tb-158

Cross Section -99.17 To 9999. %

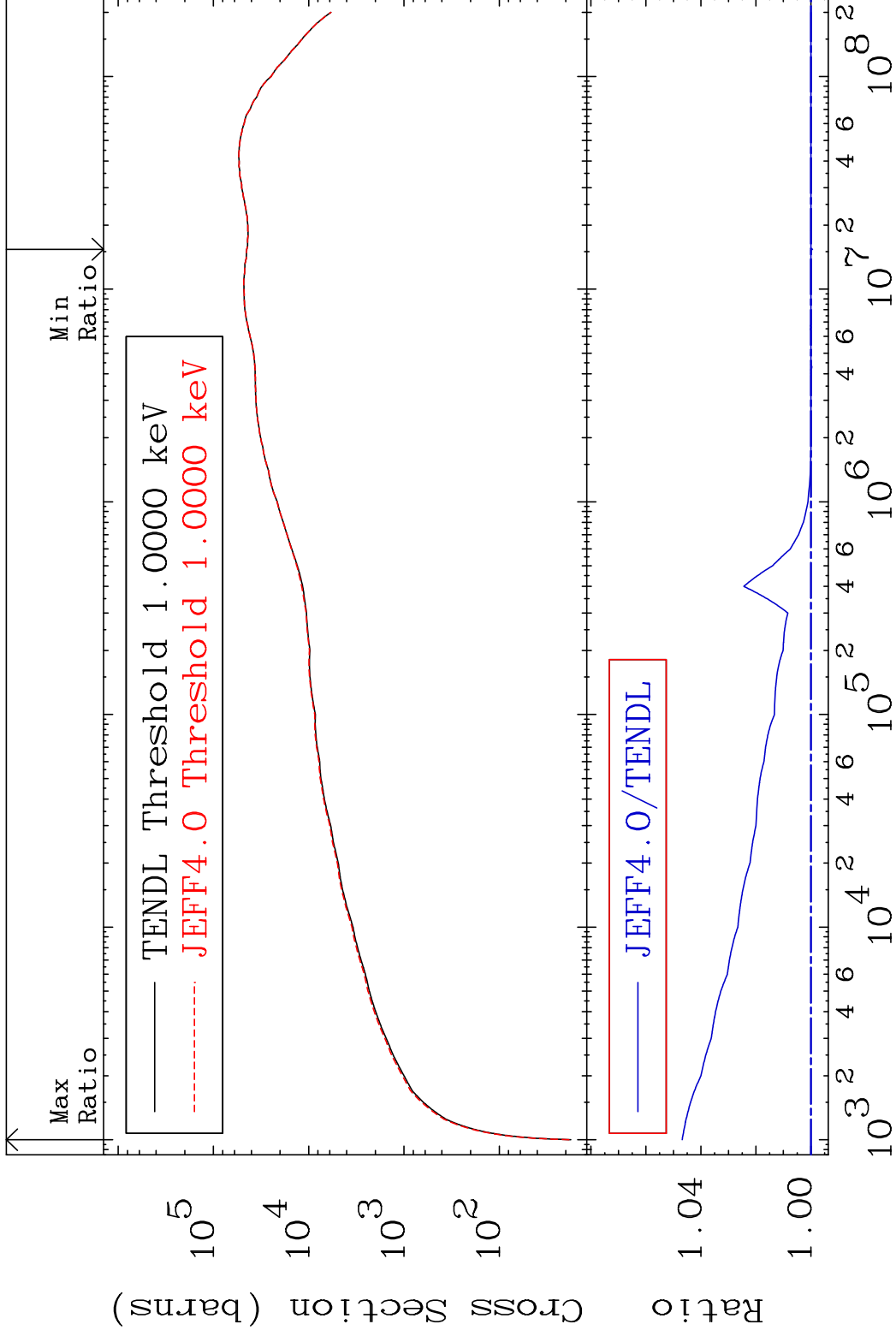


MAT 6522

Dpa elastic (mt2)

65-Tb-158

Cross Section -0.057 To 4.683 %



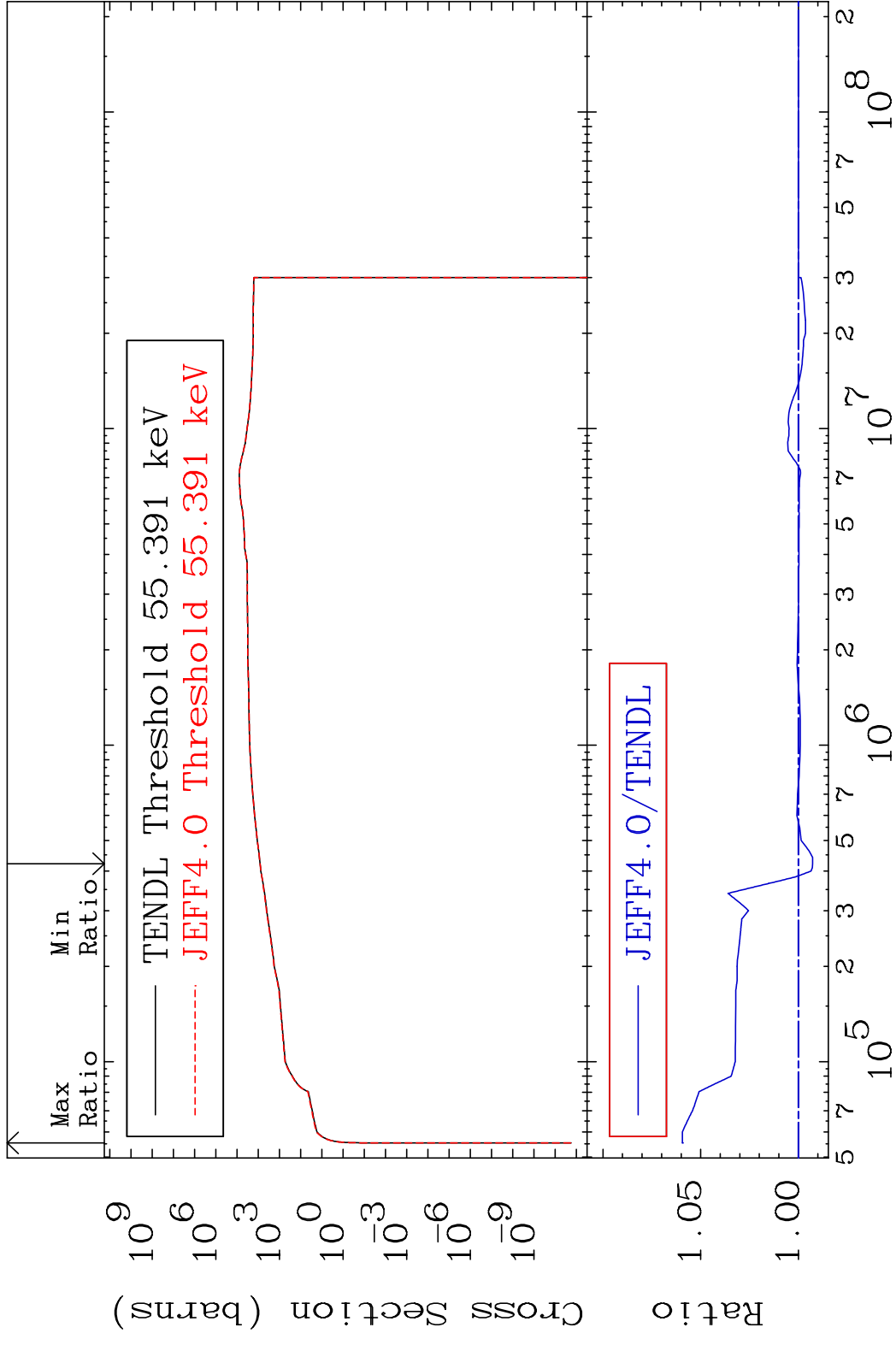
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Incident Energy (eV)

65-Tb-158

MAT 6522

Dpa inelastic (mt51-91) 65-Tb-158
Cross Section -0.724 To 5.938 %

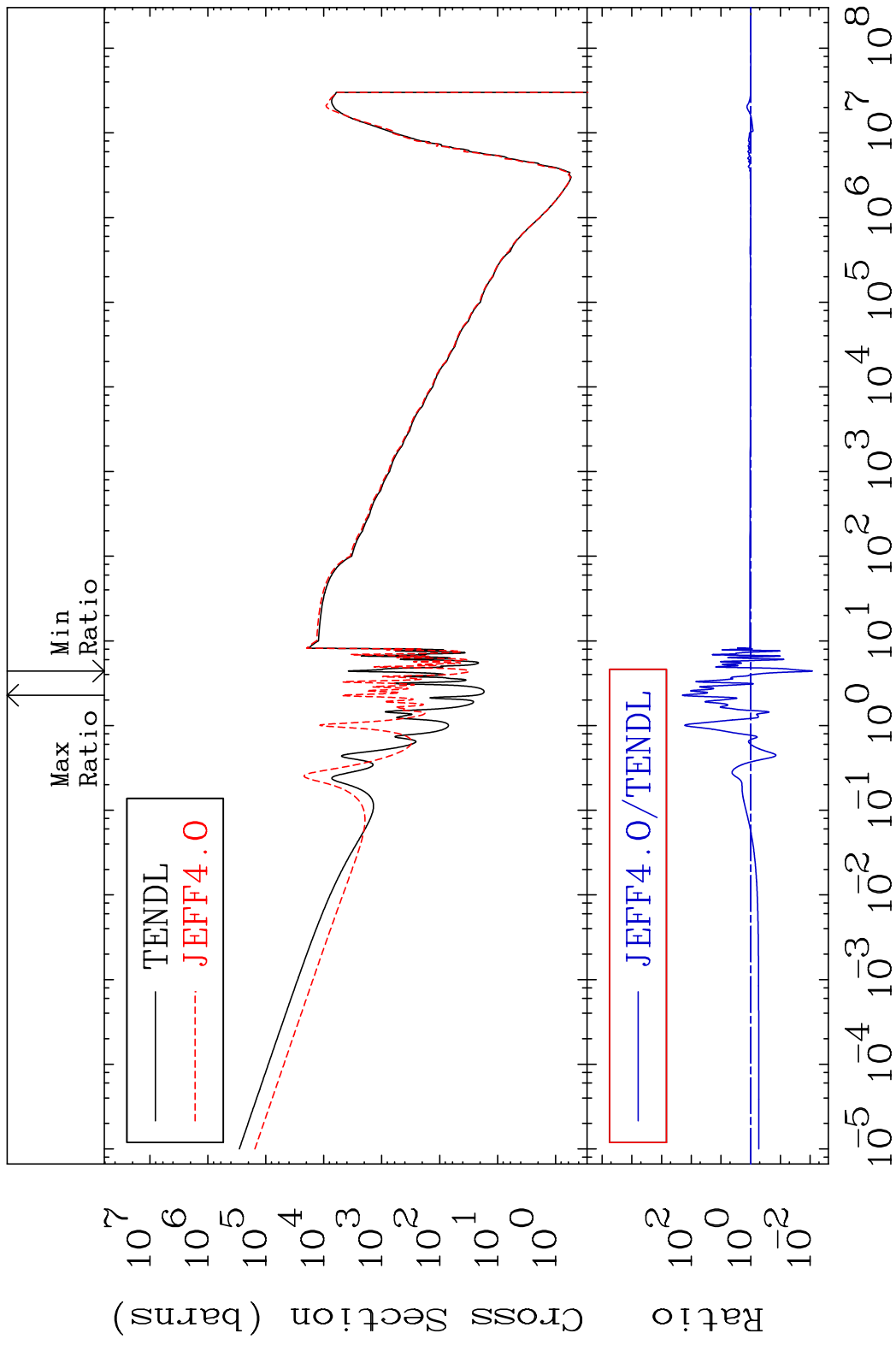


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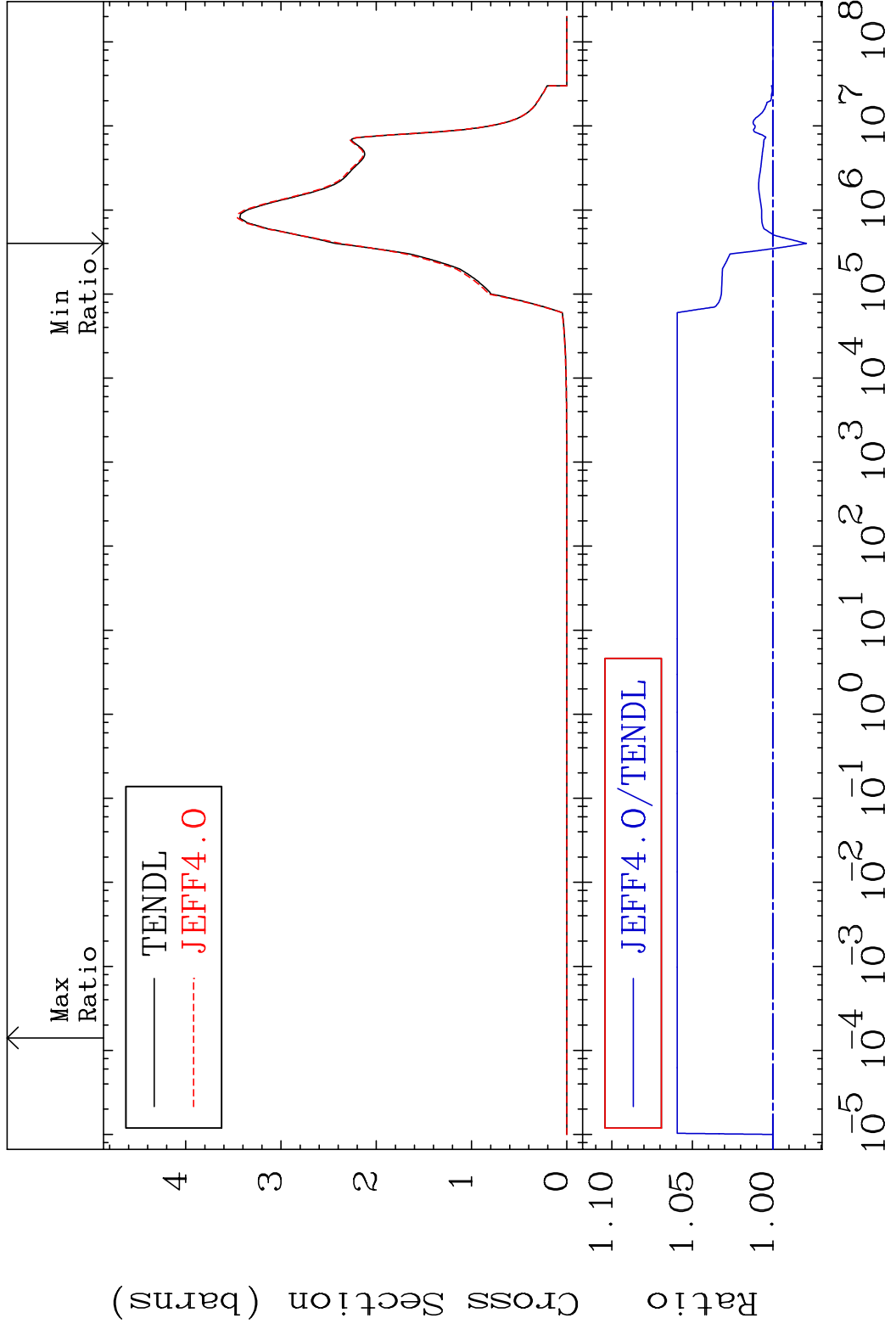
Incident Energy (eV)

65-Tb-158

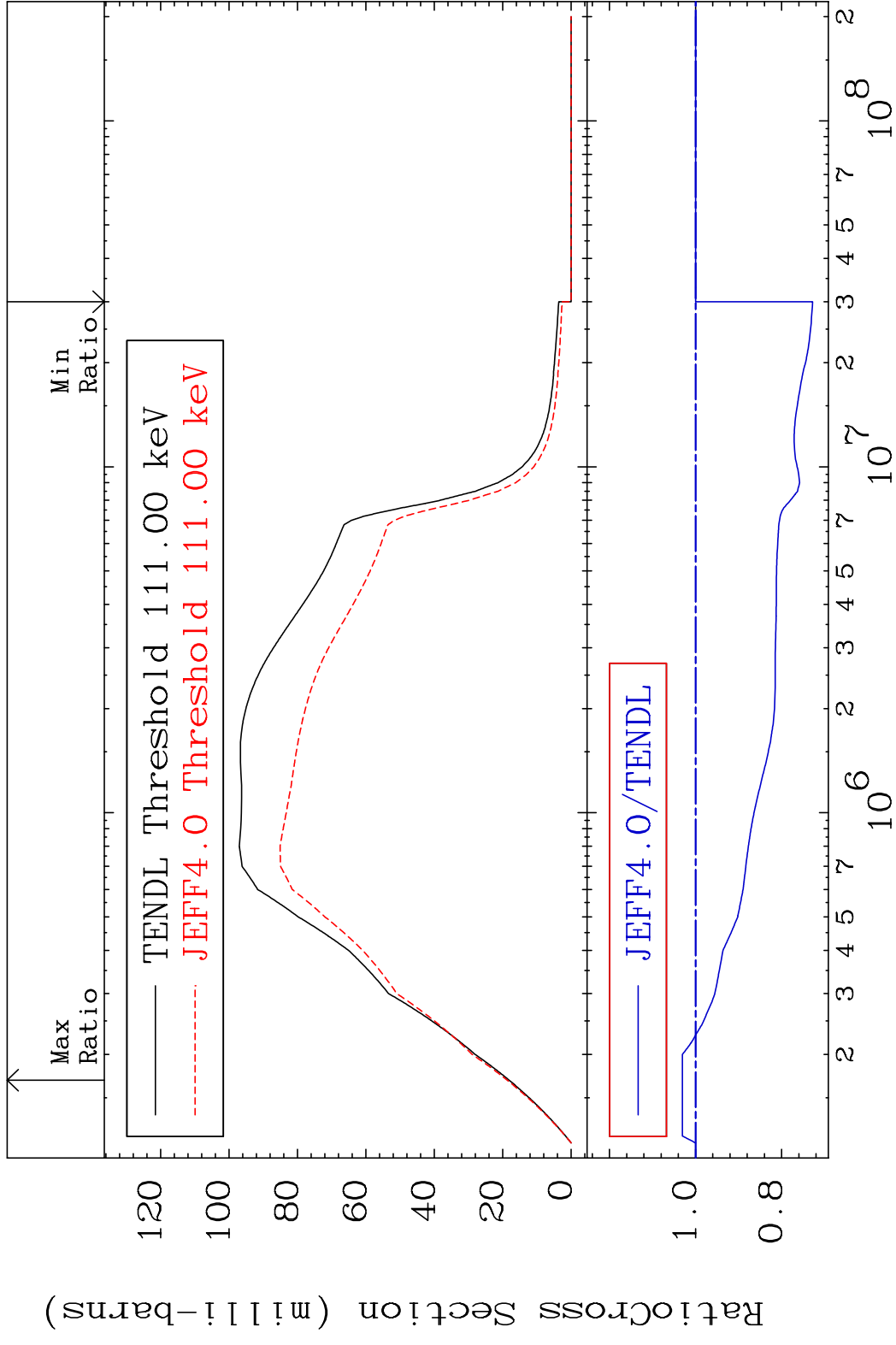
MAT 6522 Dpa disappearance (mt102 -120) 65-Tb-158
 Cross Section -99.17 To 9999. %

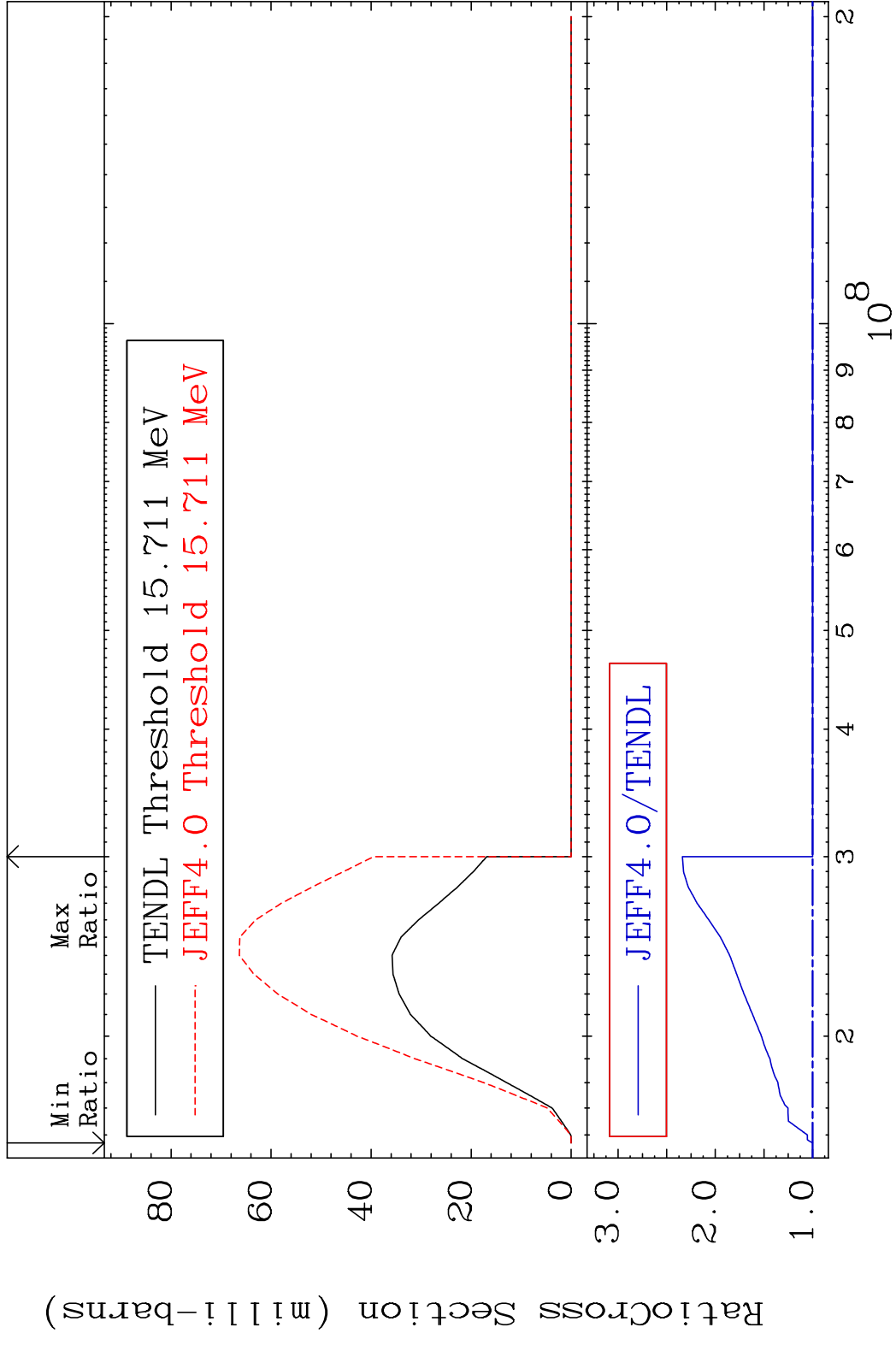


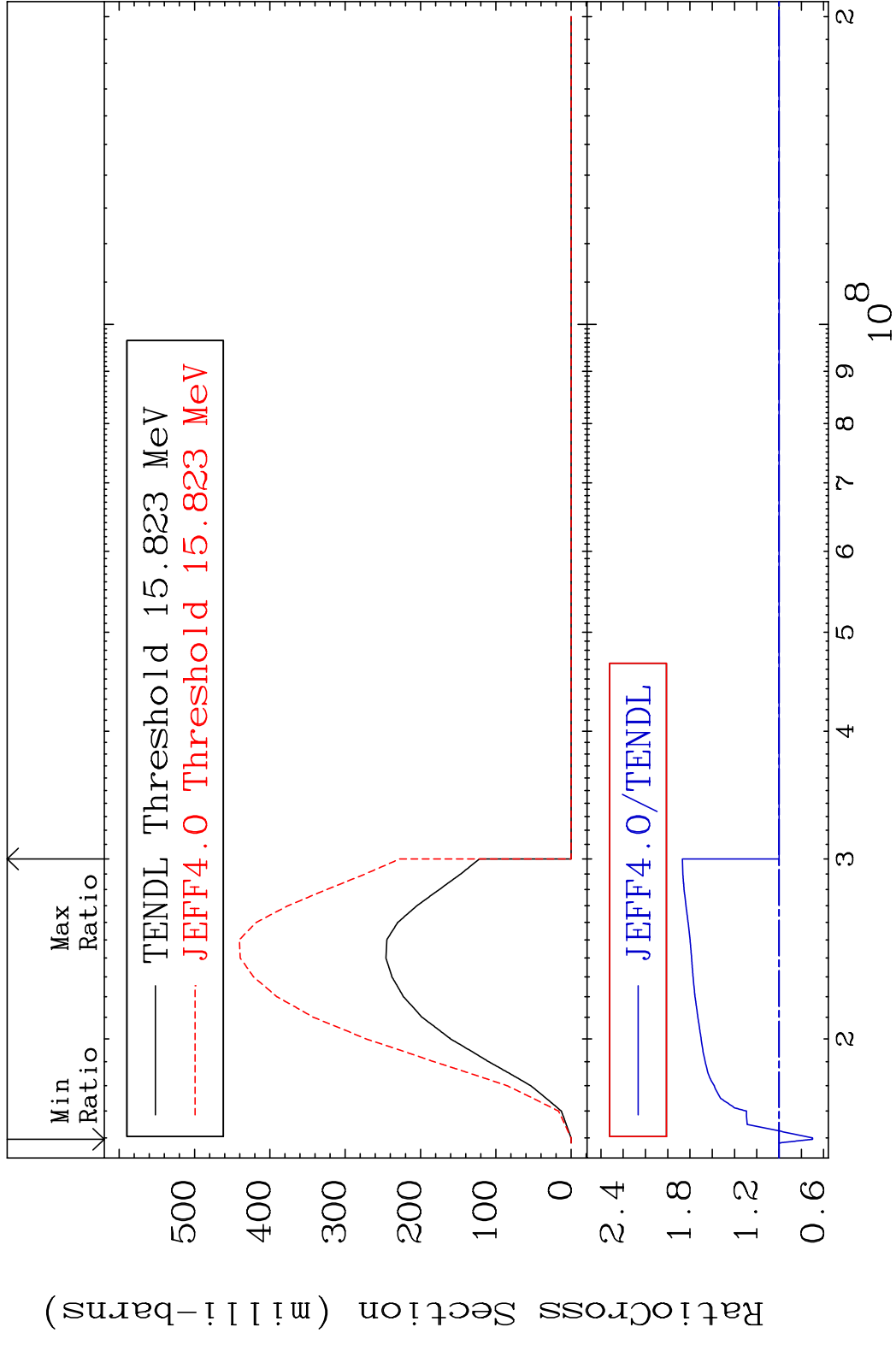
MAT 6522 Inelastic:65-Tb-158g 65-Tb-158
 Radionuclide Production Cross Section to 5.938 %



80 Incident Energy (eV) 65-Tb-158







MAT 6522 (n,3n) α :63-Eu-152g 65-Tb-158
 Radionuclide Production Cross Section 38.34 %

