

Program Complot
(Version 2021-1)

by

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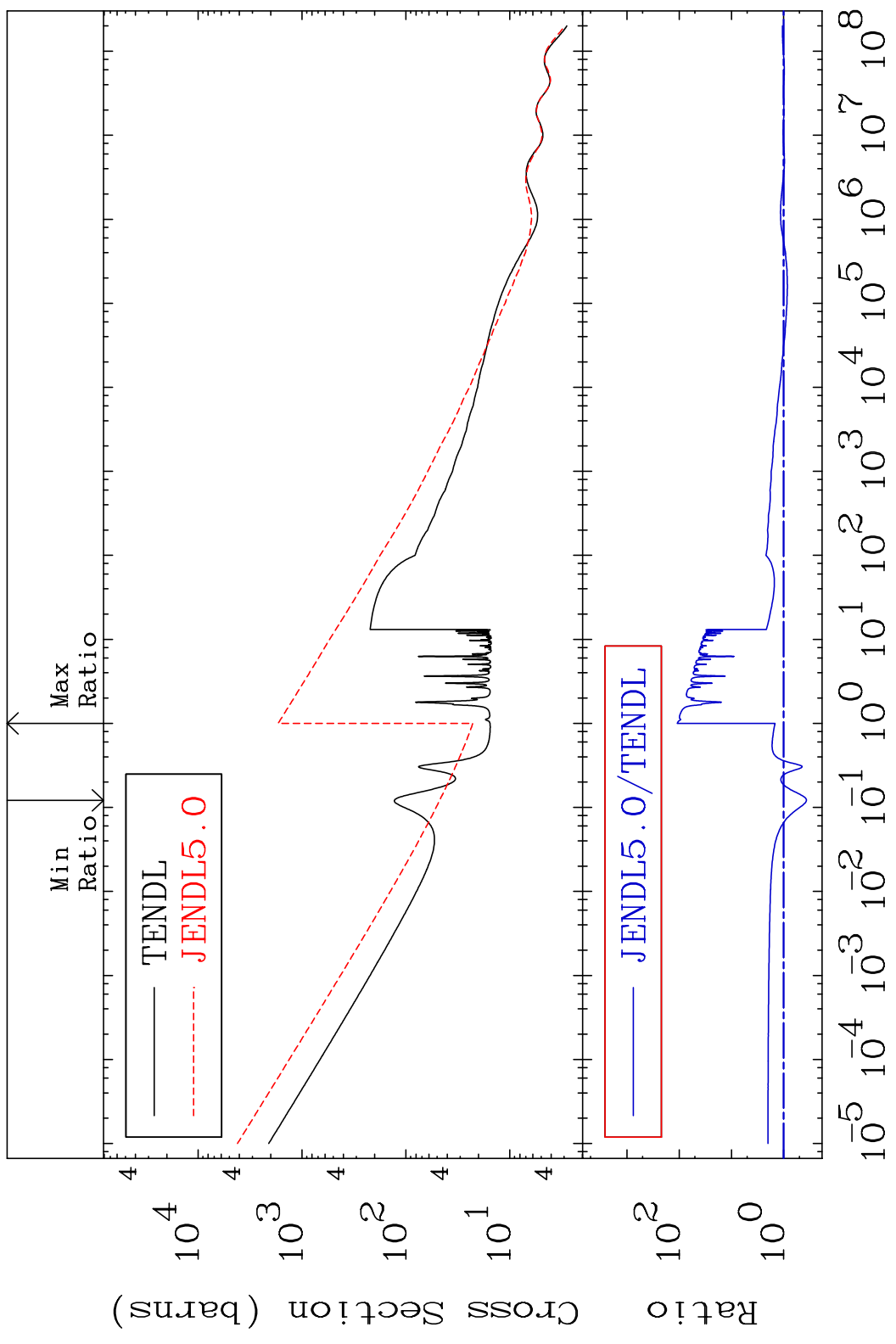
Press Mouse Button to Start

MAT 7722

Total

77-Ir-190

Cross Section -63.27 To 9999. %



1

Incident Energy (eV)

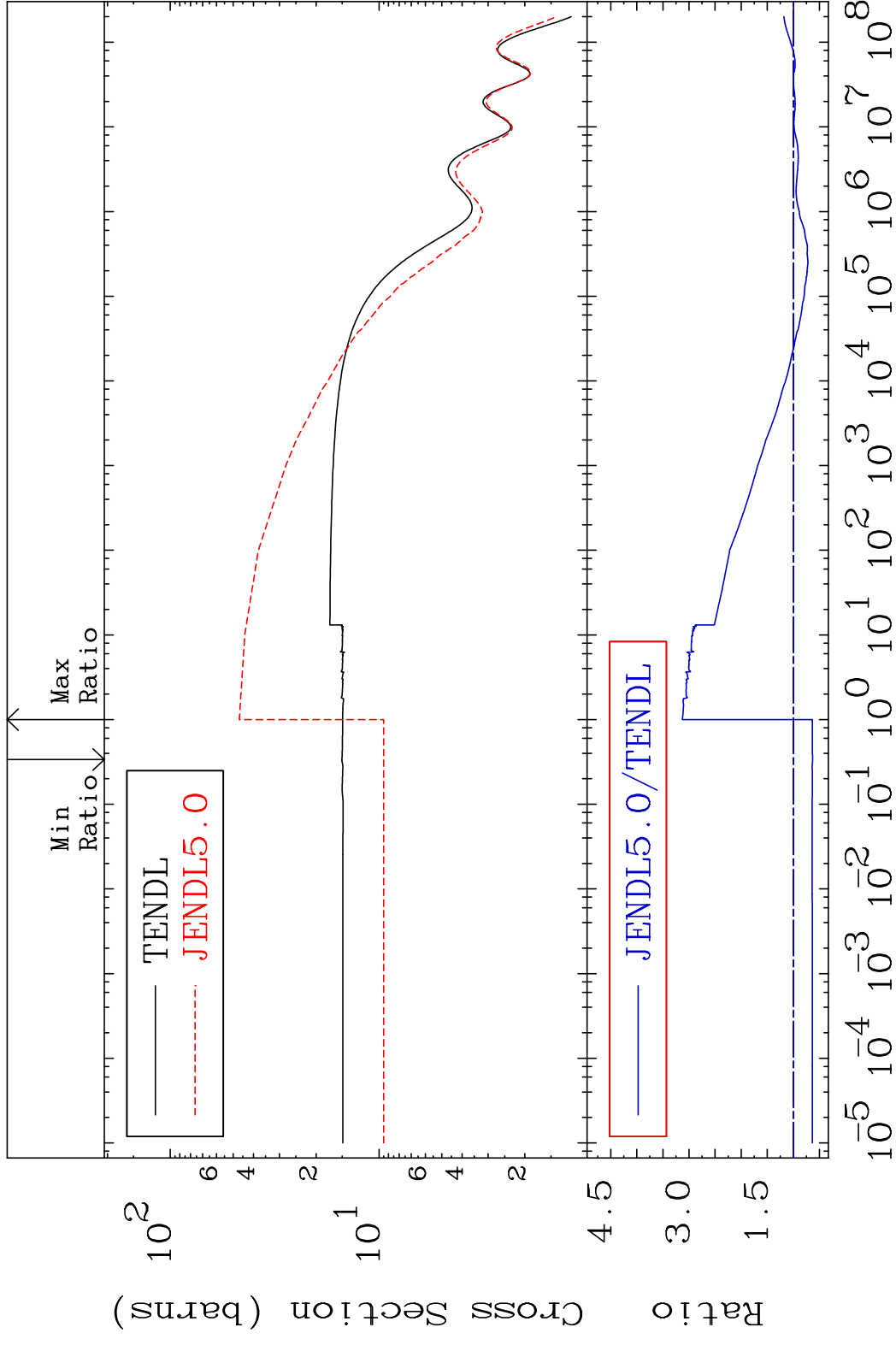
77-Ir-190

MAT 7722

Elastic

77-Ir-190

Cross Section -36.79 To 212.7 %

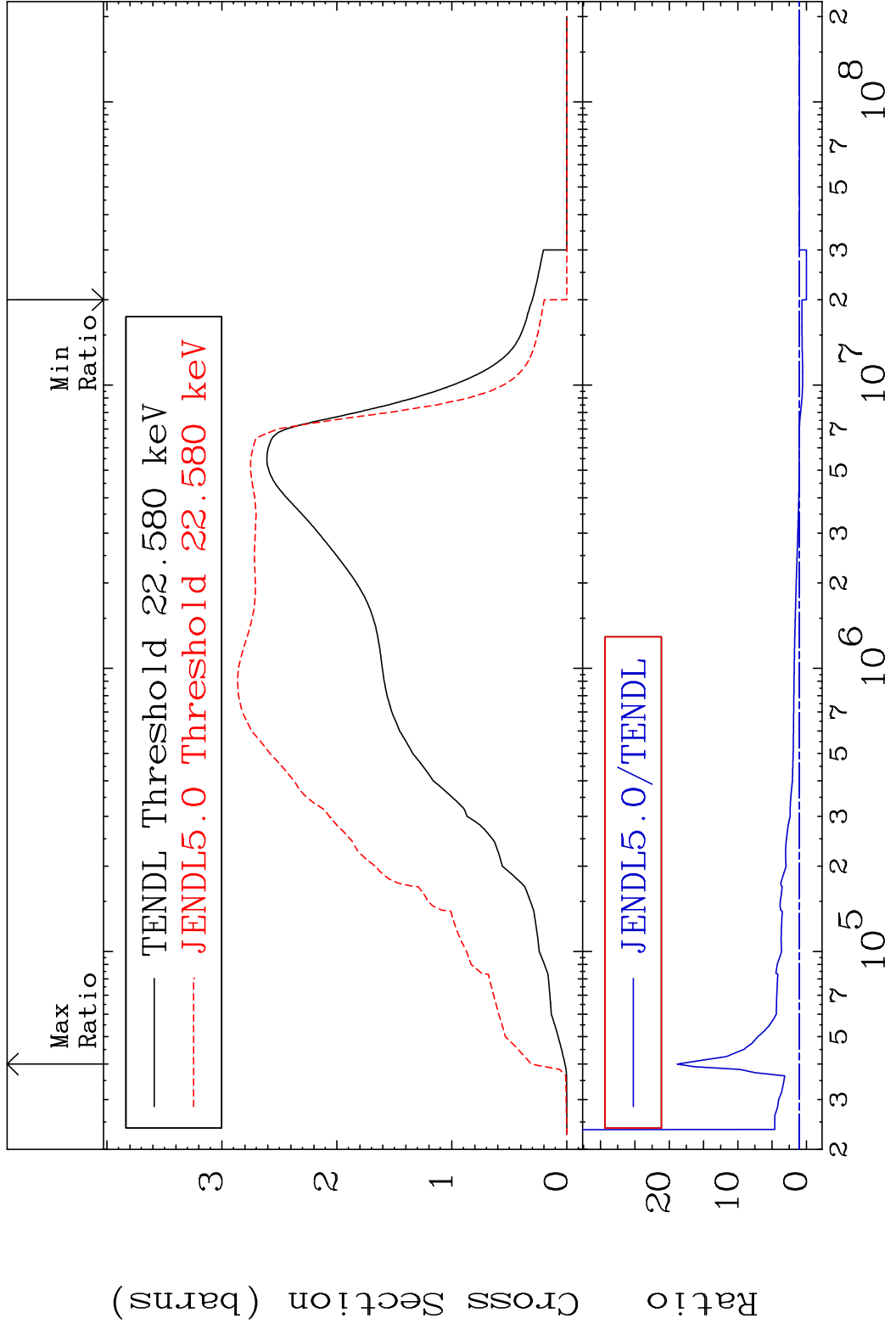


2

Incident Energy (eV)

77-Ir-190

MAT 7722 Inelastic 77-Ir-190
 Cross Section -100.0 To 1783. %



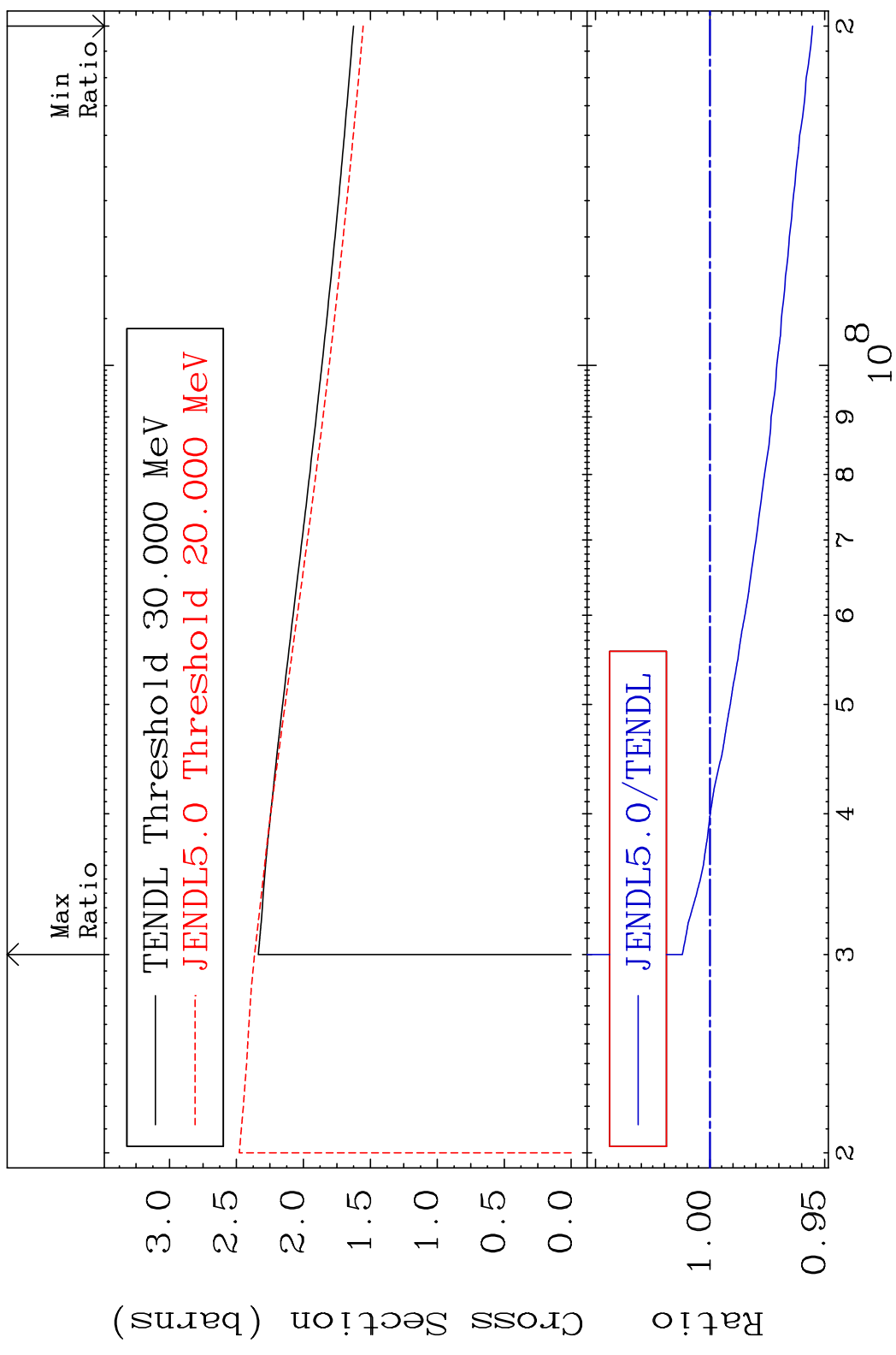
3 3 Incident Energy (eV) 77-Ir-190

MAT 7722

(n, remainder)

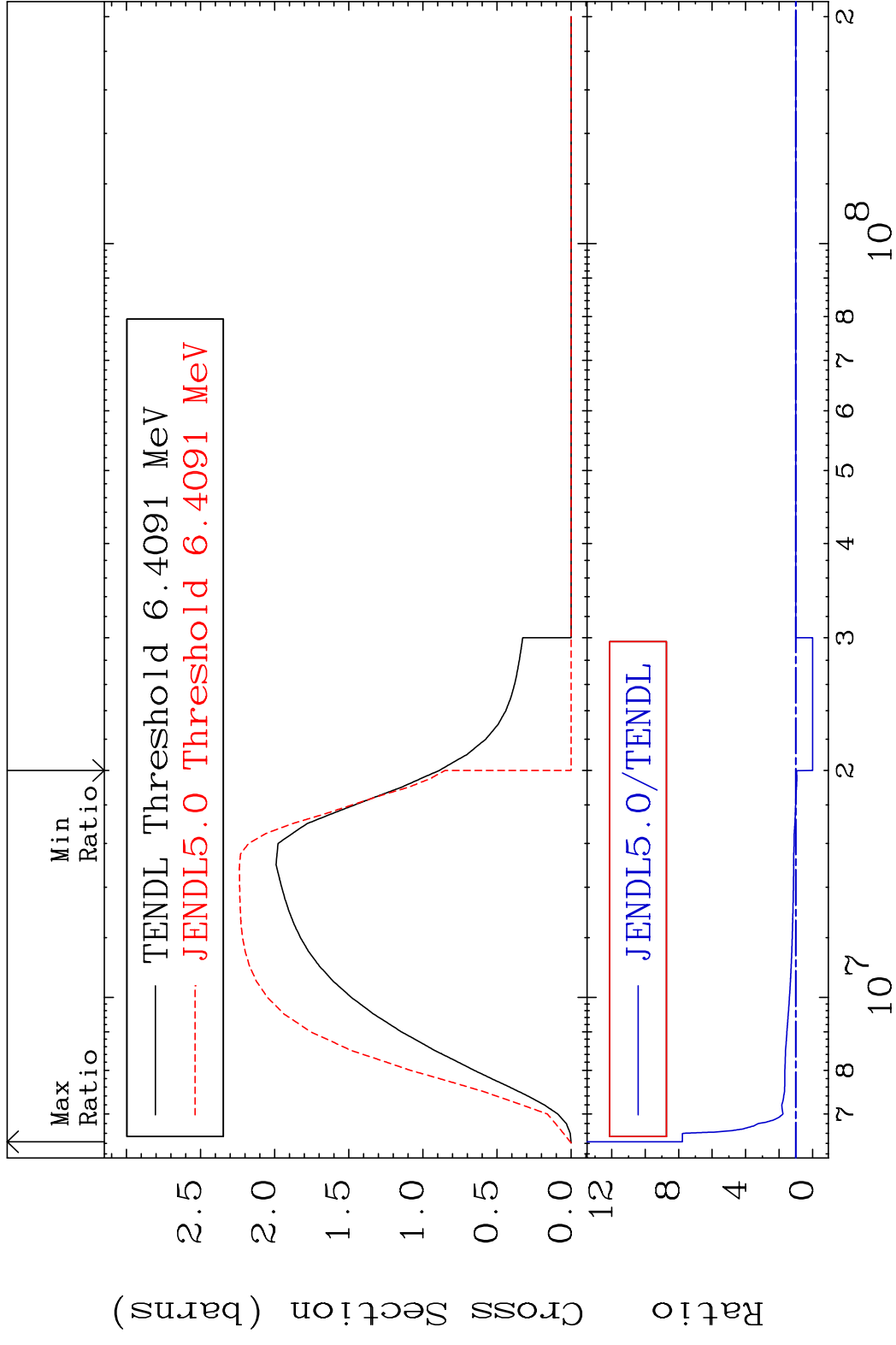
77-Ir-190

Cross Section -4.472 To 1.210 %



4 Incident Energy (eV) 77-Ir-190

MAT 7722 (n,2n) 77-Ir-190
 Cross Section -100.0 To 678.0 %



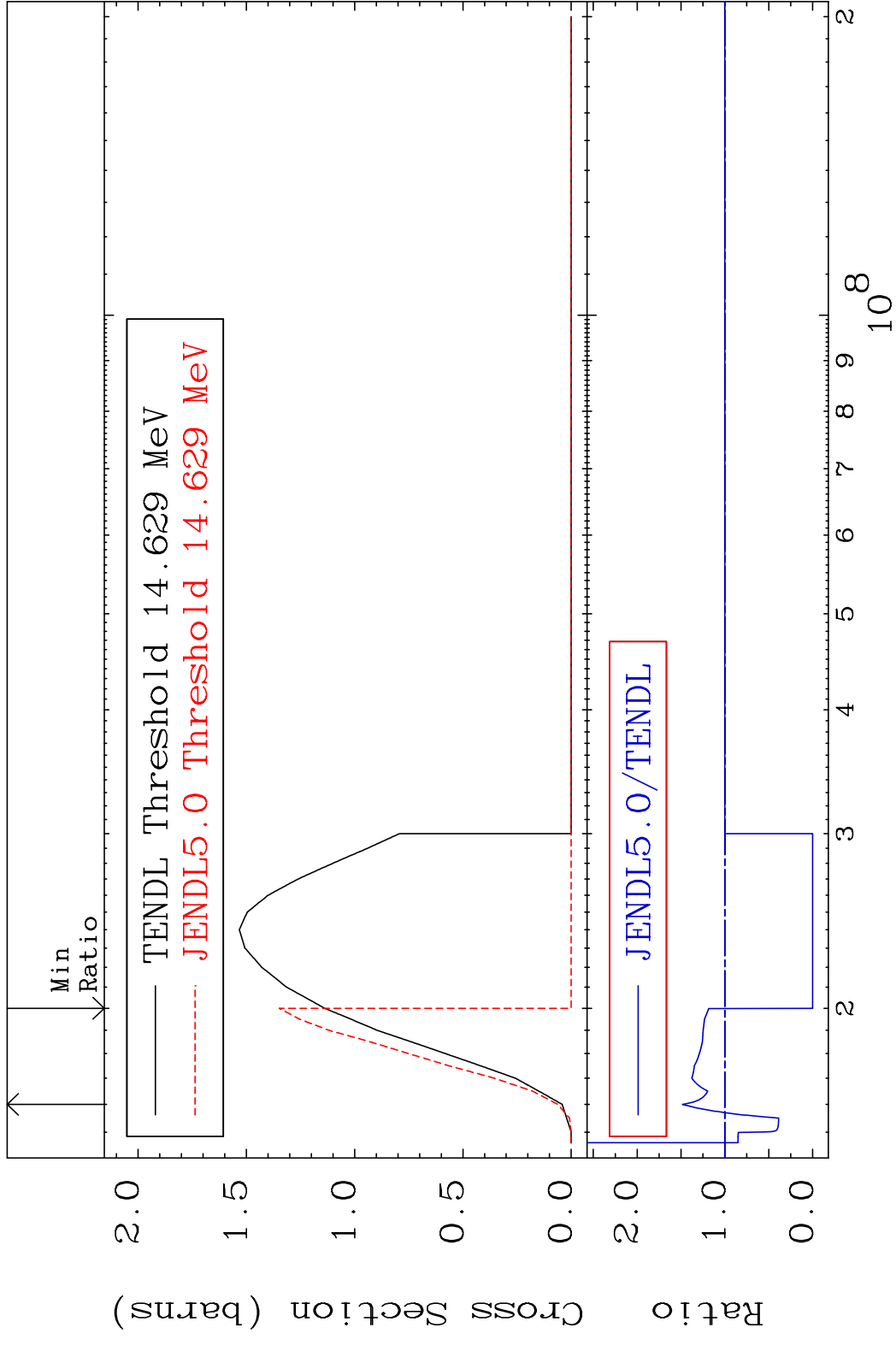
5 Incident Energy (eV) 77-Ir-190

MAT 7722

(n,3n)

77-Ir-190

Cross Section -100.0 To 48.48 %

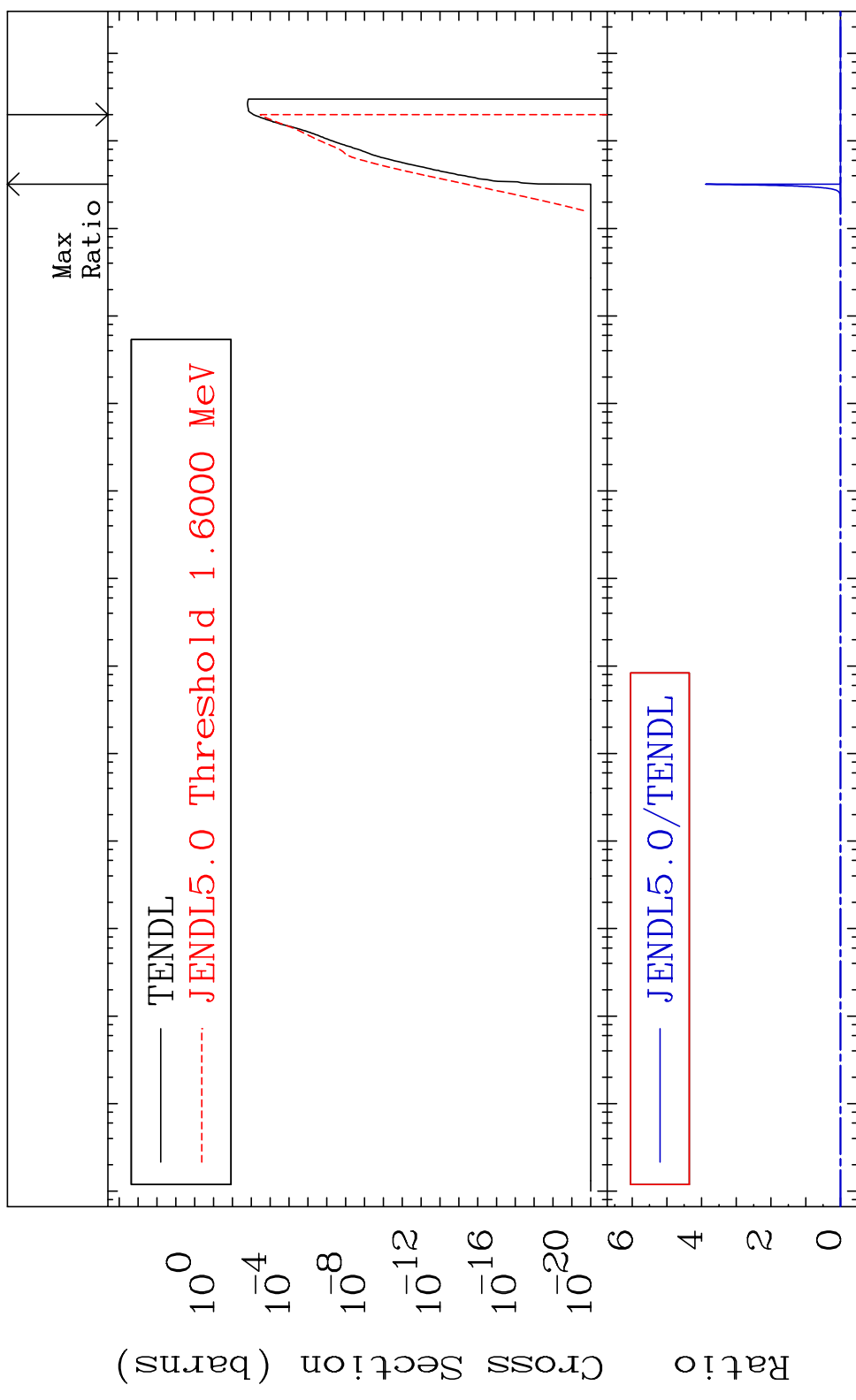


MAT 7722

(n, n') α

77-Ir-190

Cross Section -100.0 To 9999. %

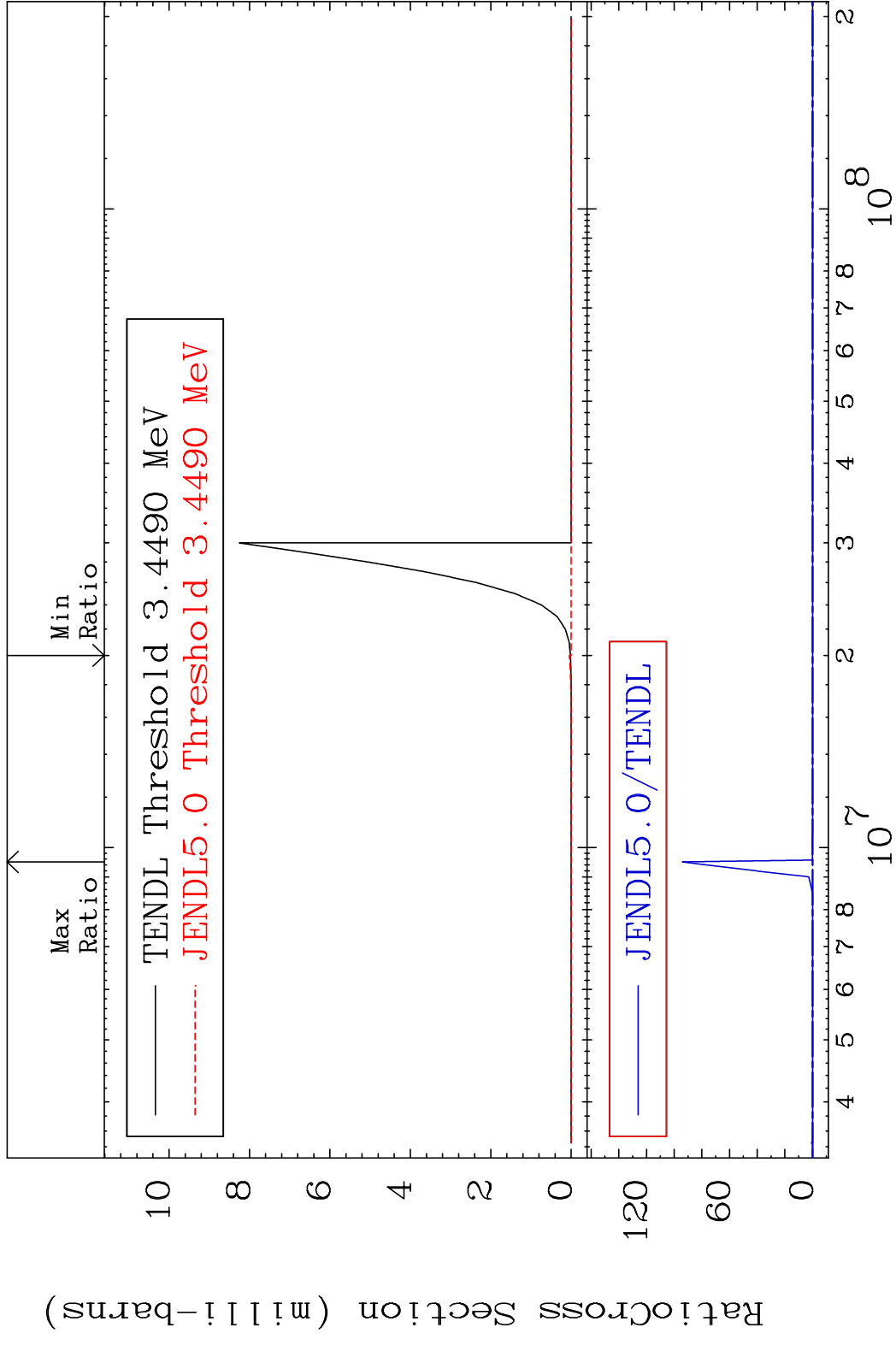


7

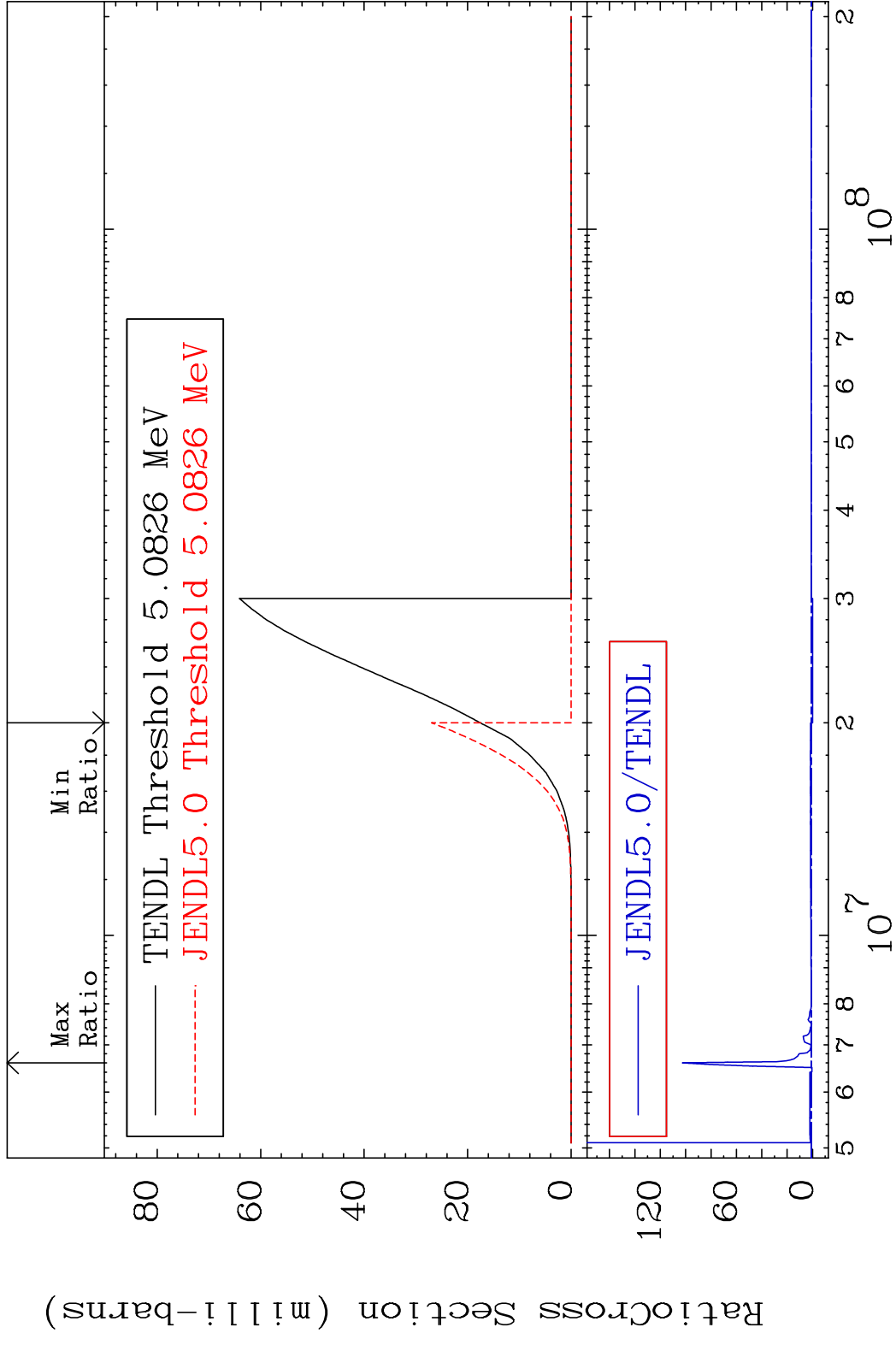
Incident Energy (eV)

77-Ir-190

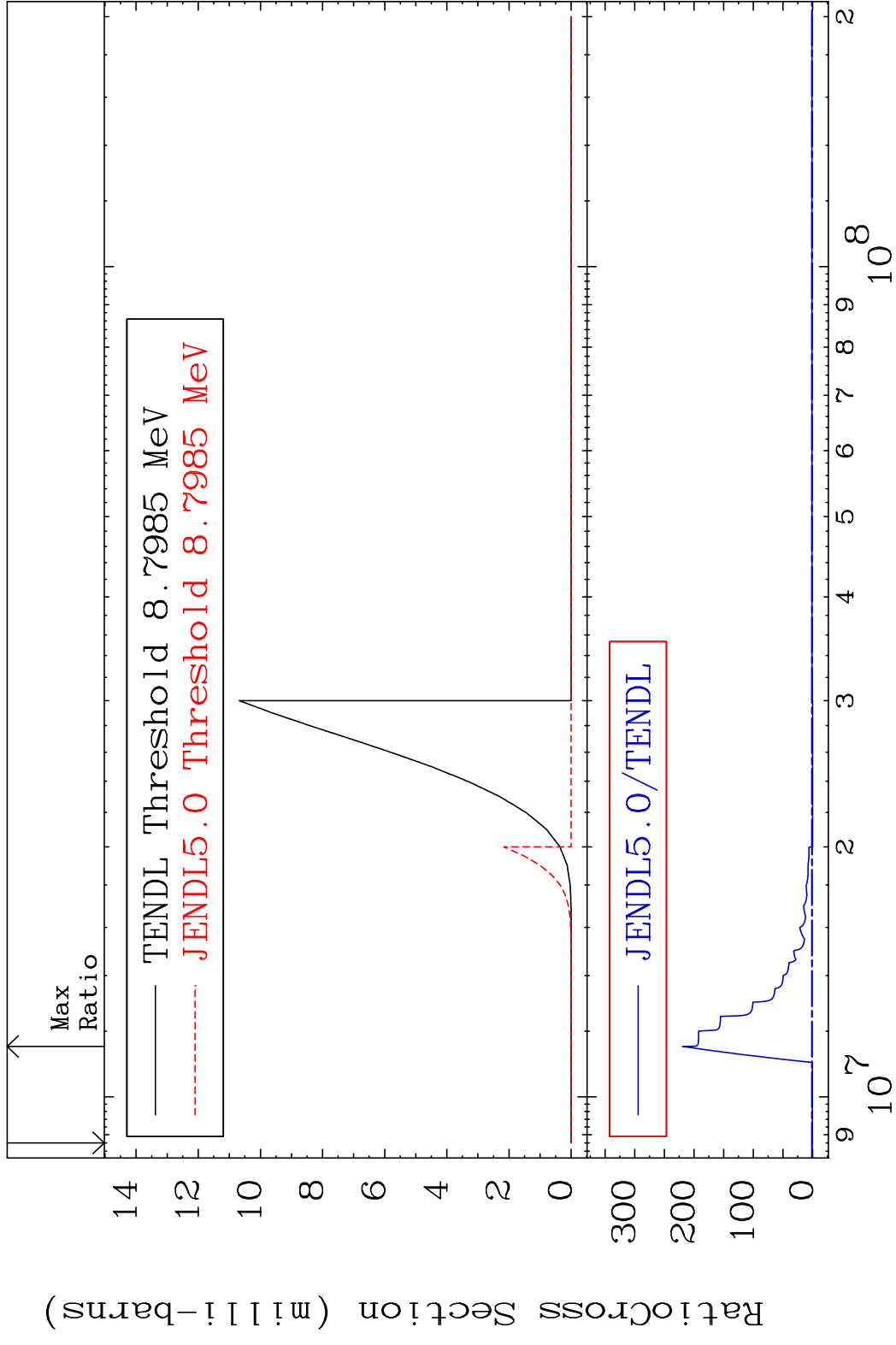
MAT 7722 (n,2n) α 77-Ir-190
 Cross Section -100.0 To 9999. %



MAT 7722 (n, n') p 77-Ir-190
 Cross Section -100.0 To 9999. %

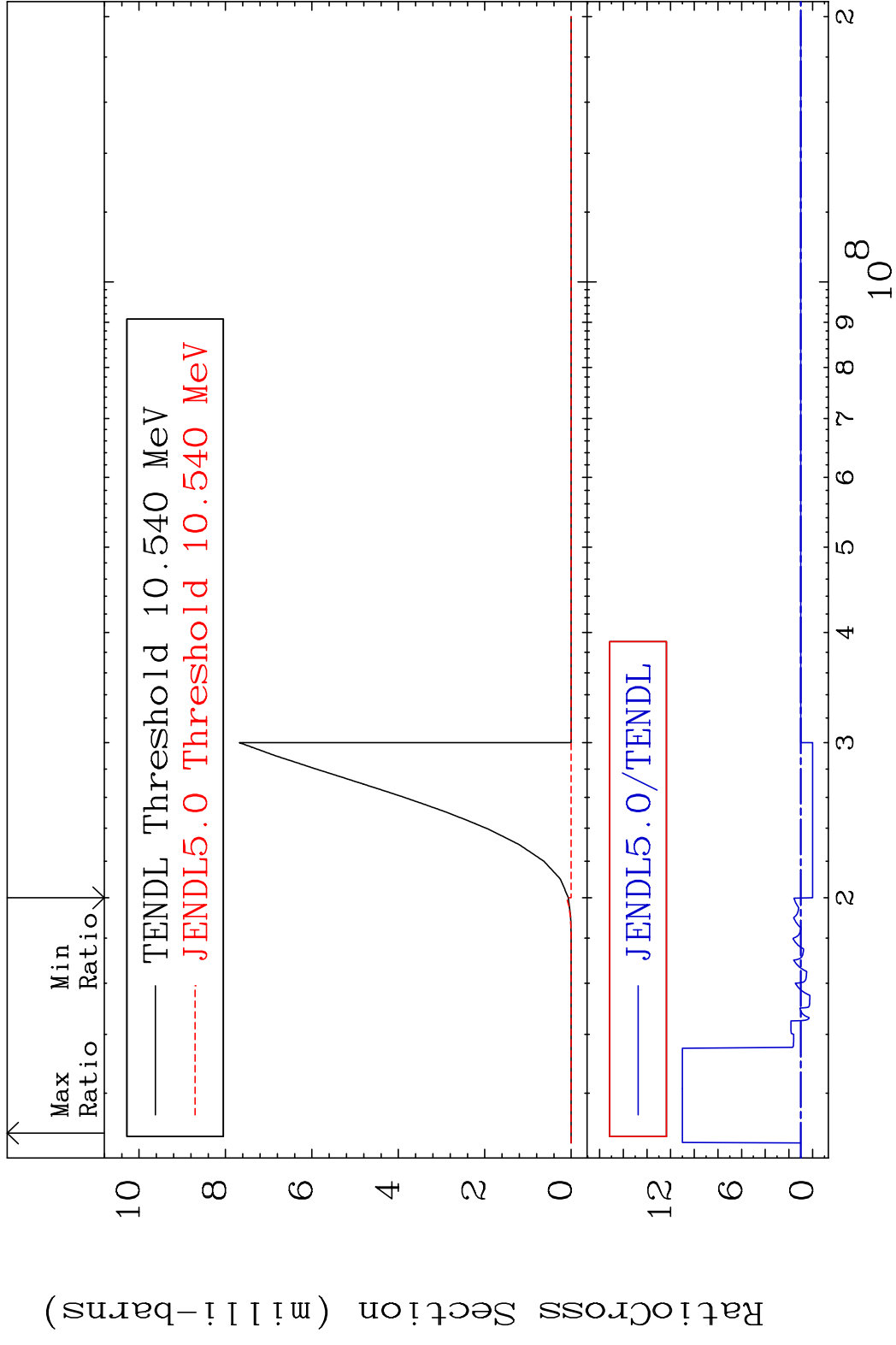


MAT 7722 (n, n') d 77-Ir-190
 Cross Section -100.0 To 9999. %

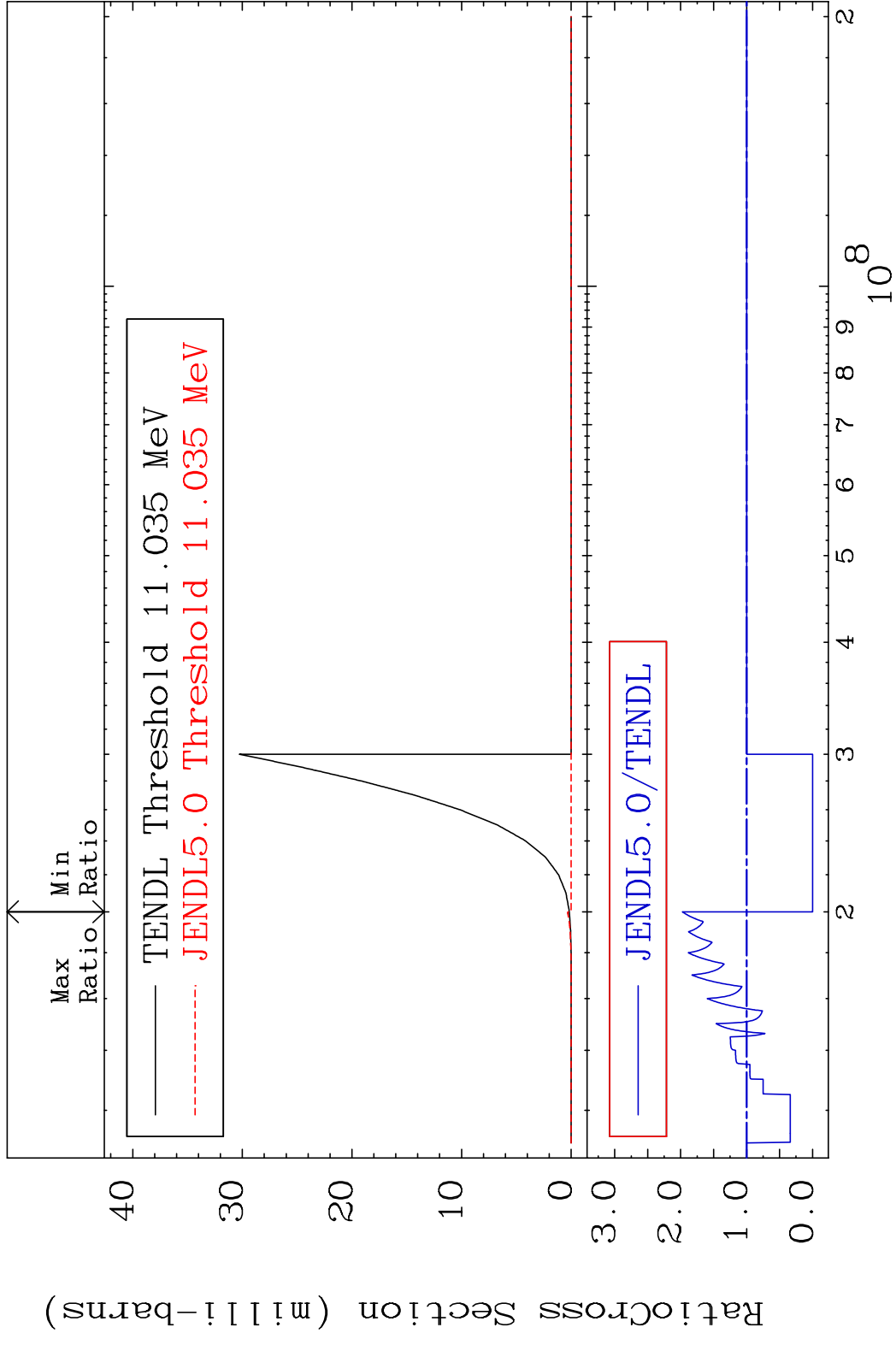


10 9 8 7 6 5 4 3 2 10 2 77-Ir-190

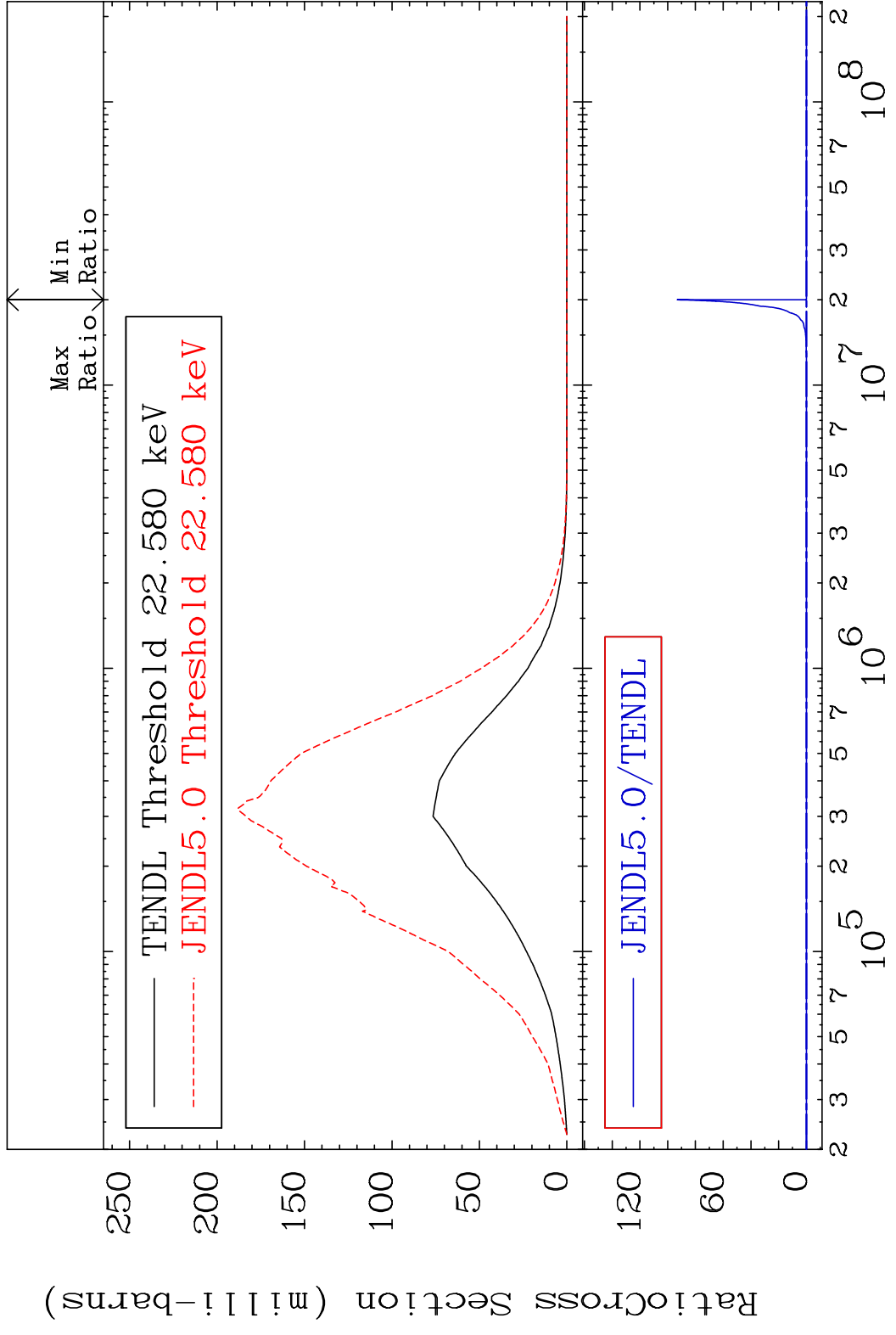
MAT 7722 (n, n') t 77-Ir-190
 Cross Section -100.0 To 1001. %



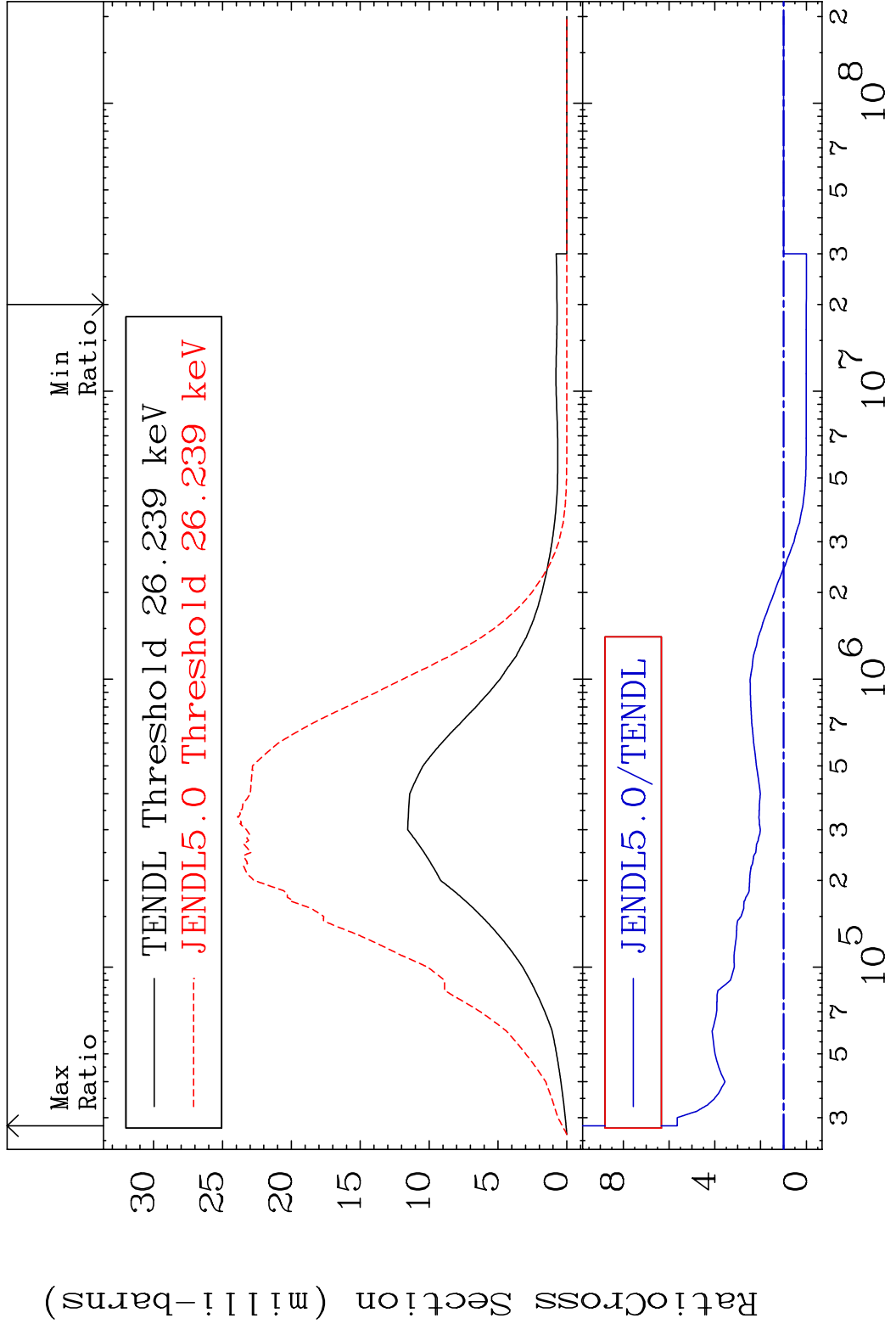
MAT 7722 (n,2n) p 77-Ir-190
 Cross Section -100.0 To 97.45 %



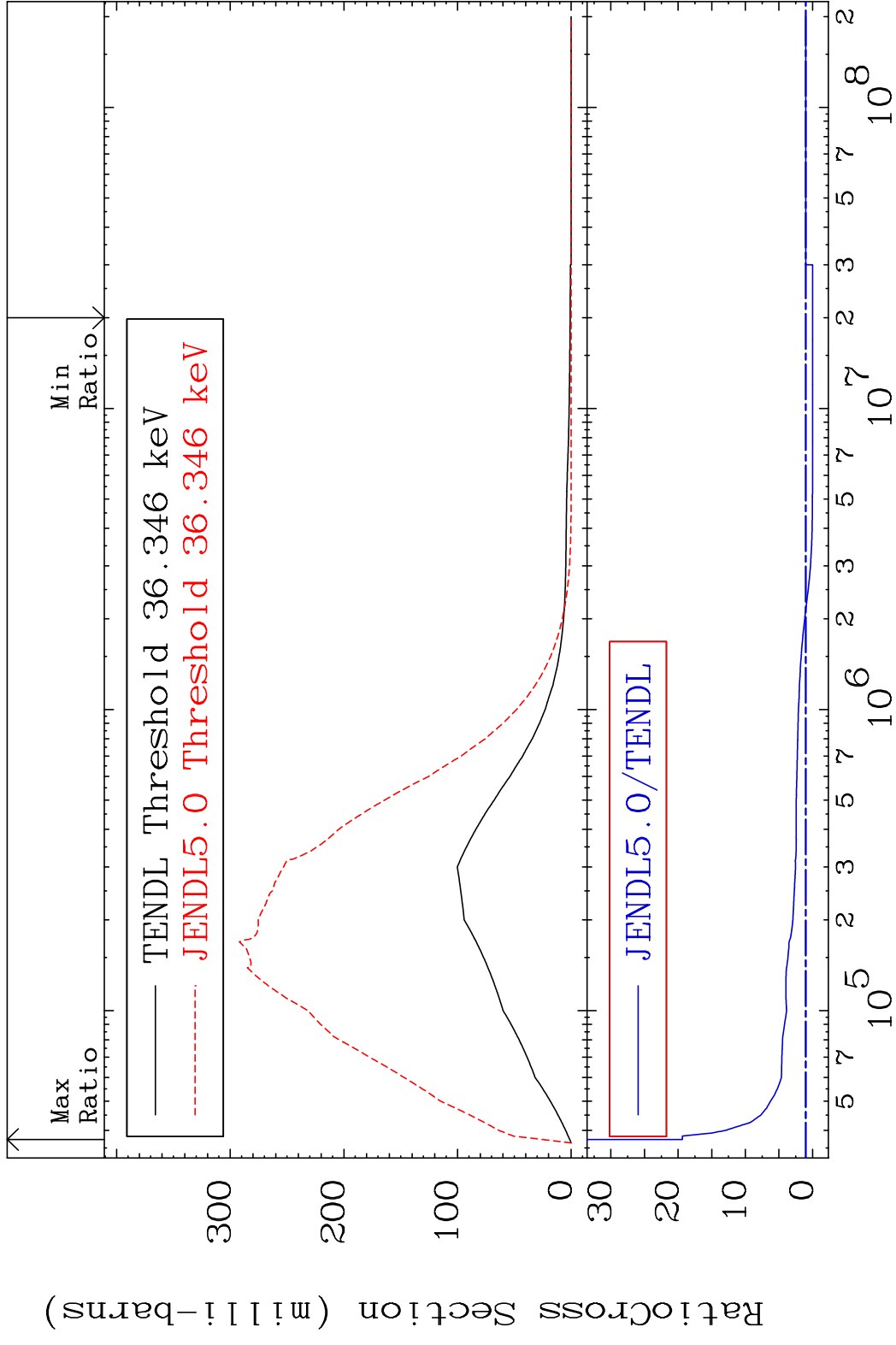
MAT 7722 MT= 51 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



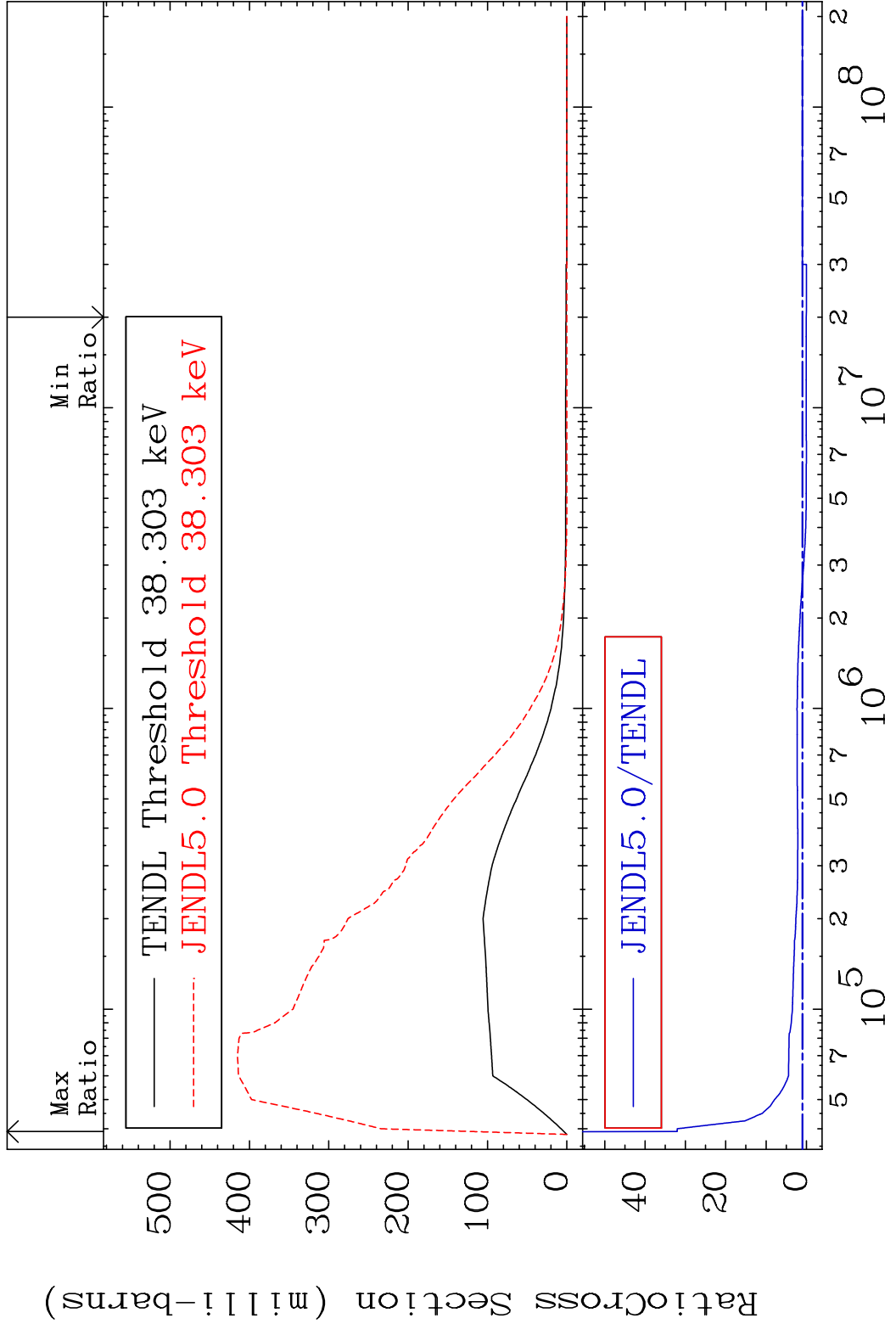
MAT 7722 MT= 52 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 464.4 %



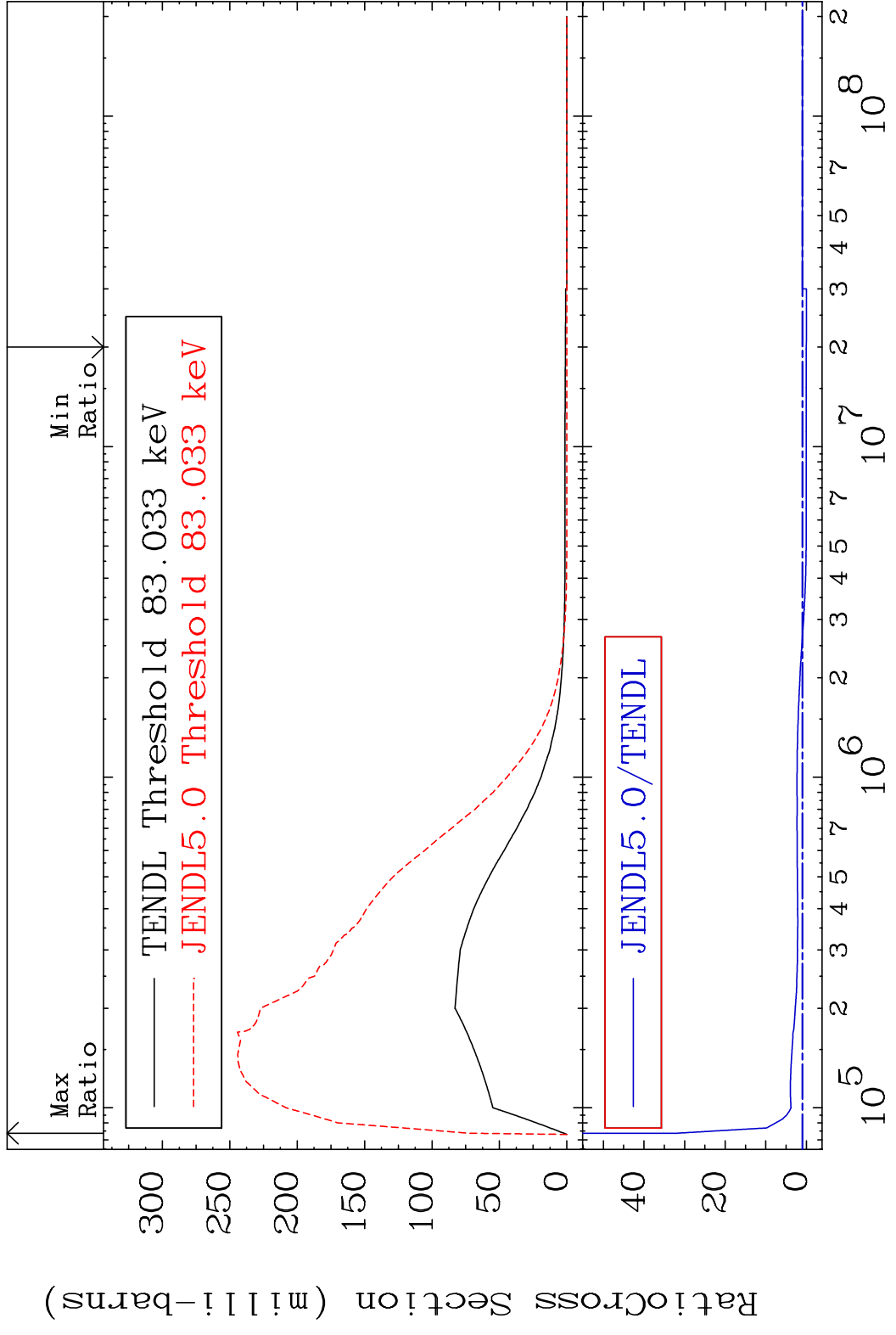
MAT 7722 MT= 53 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 1837. %



MAT 7722 MT= 54 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 3103. %

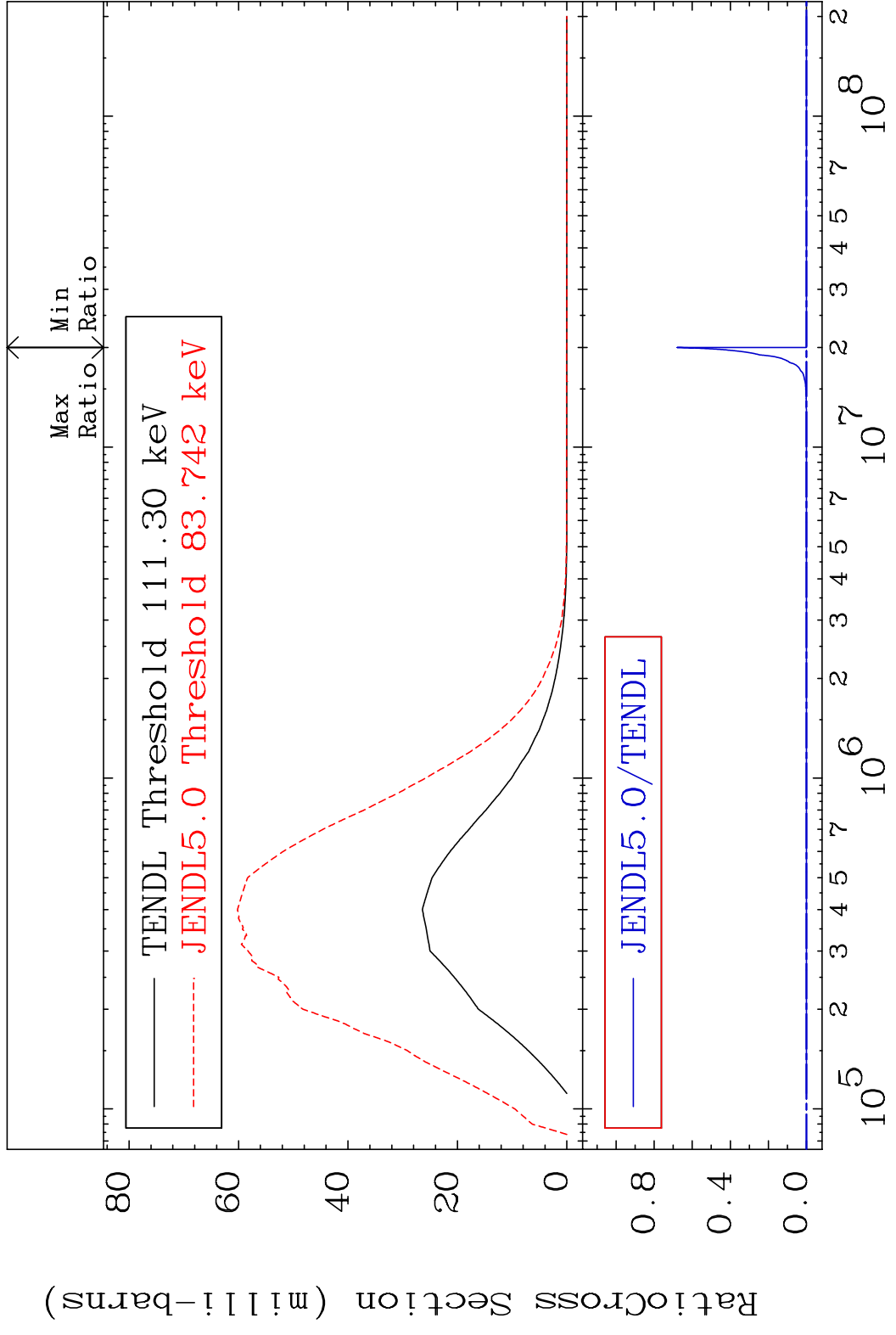


MAT 7722 MT= 55 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 3083. %



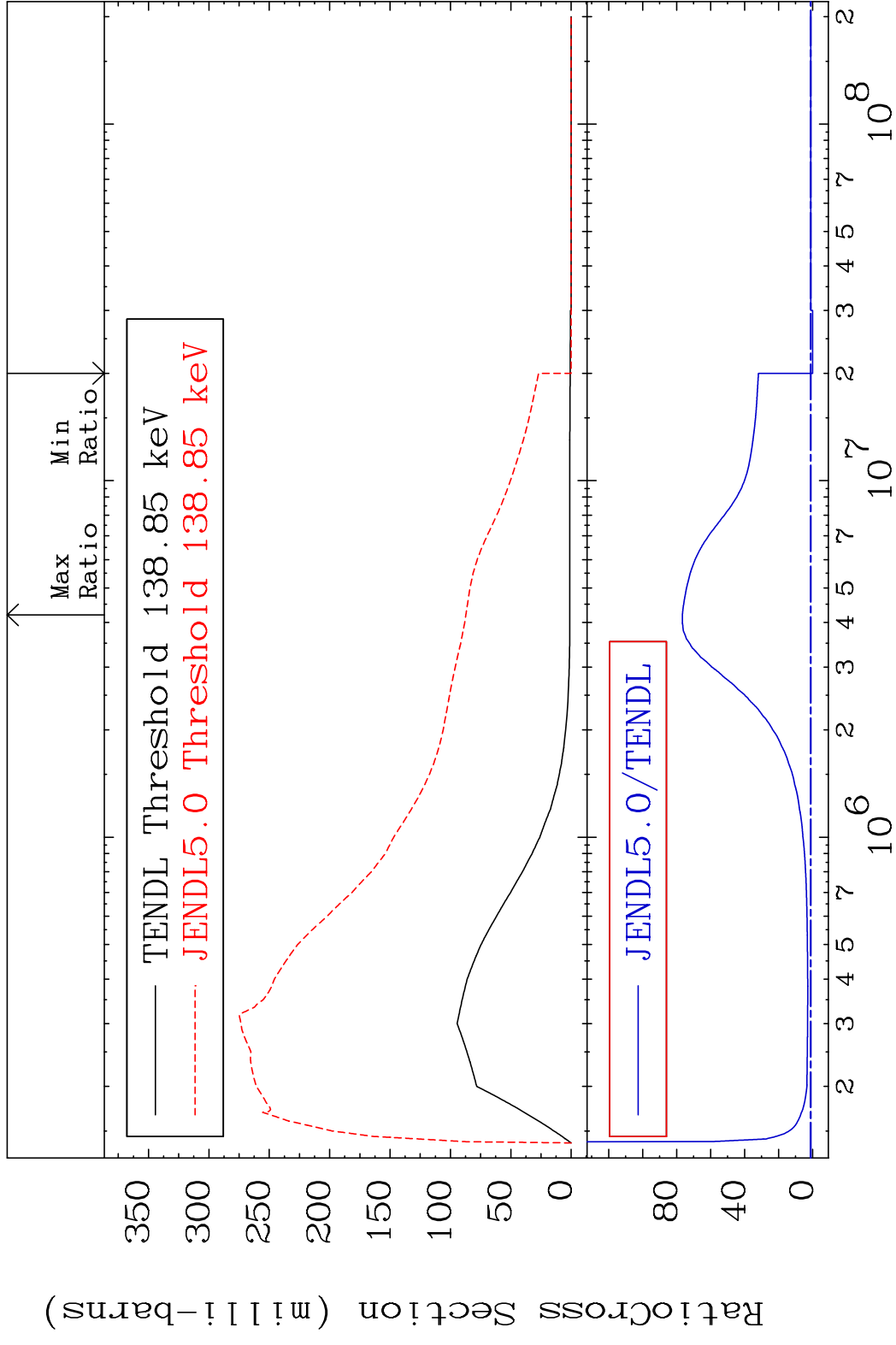
17 Incident Energy (eV) 77-Ir-190

MAT 7722 MT= 56 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %

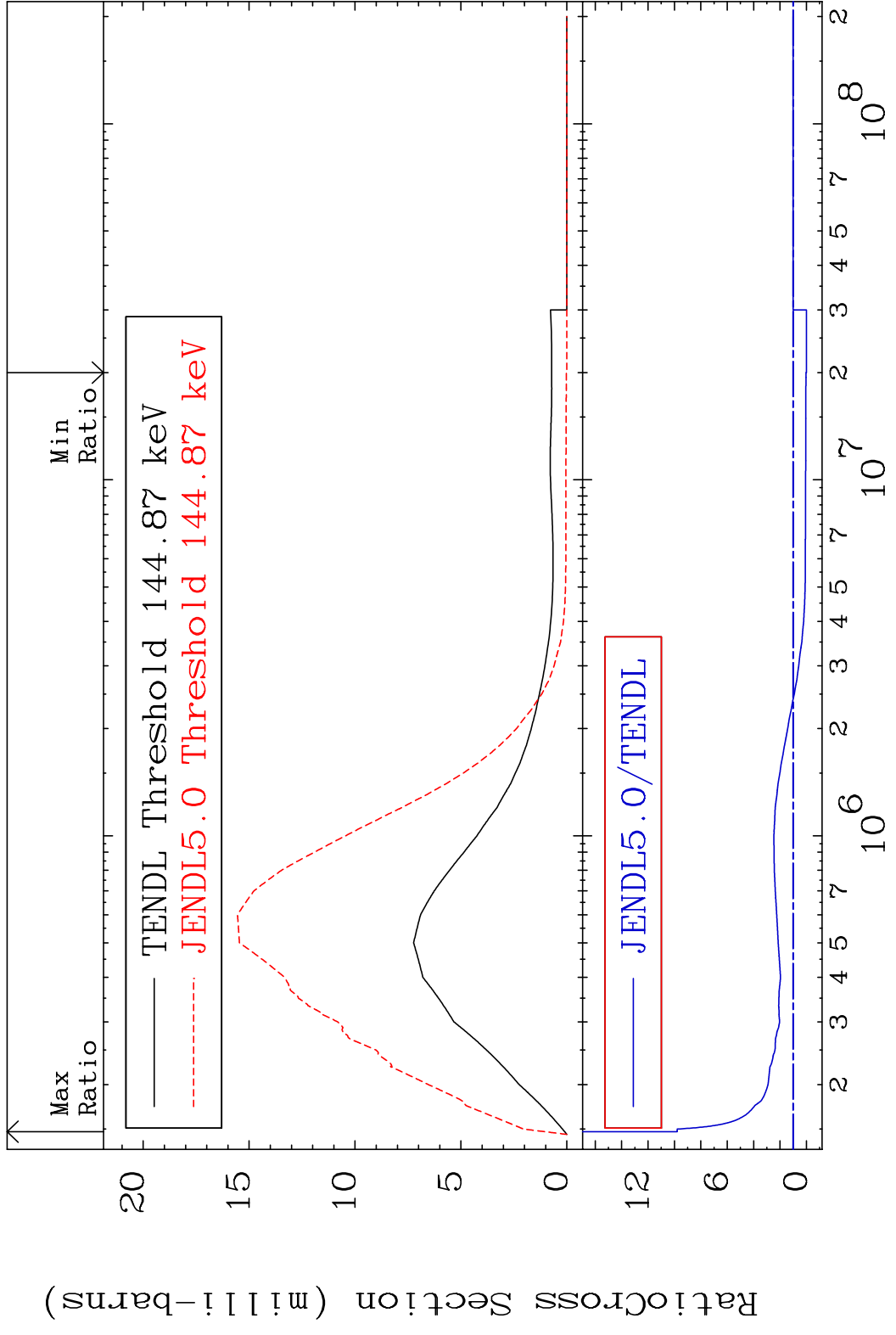


18 77-Ir-190

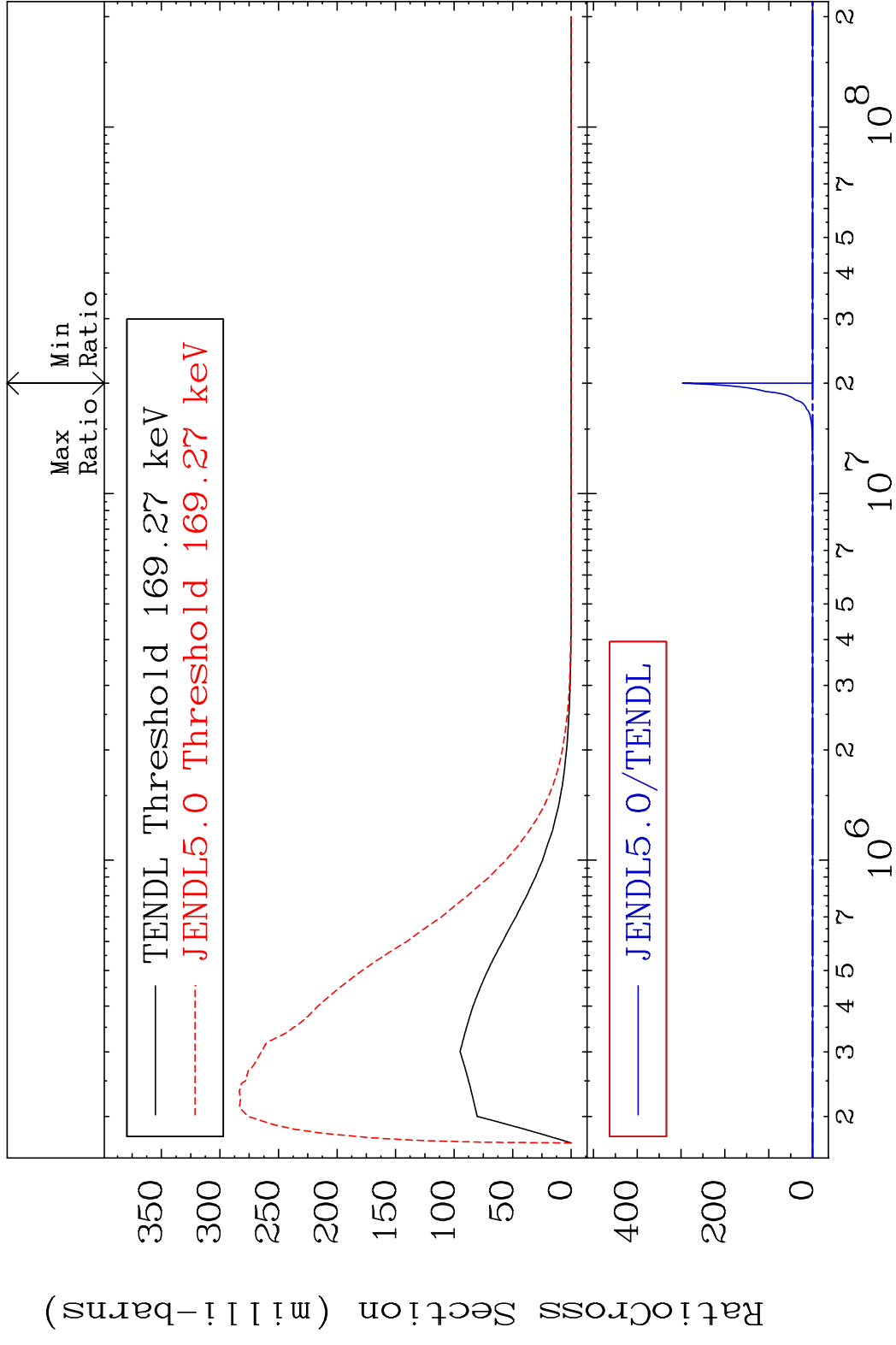
MAT 7722 MT= 57 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 7565. %



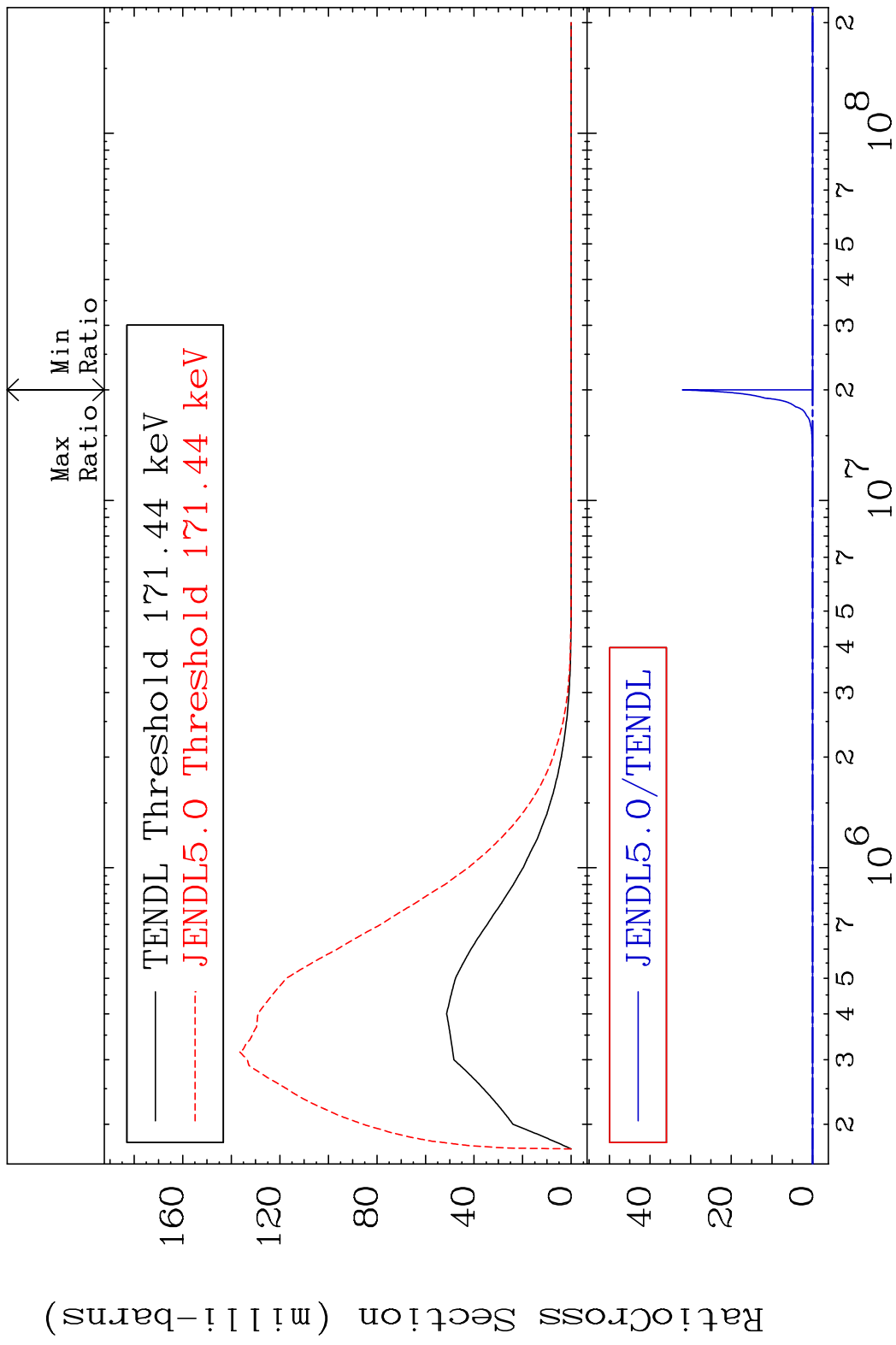
MAT 7722 MT= 58 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 879.0 %



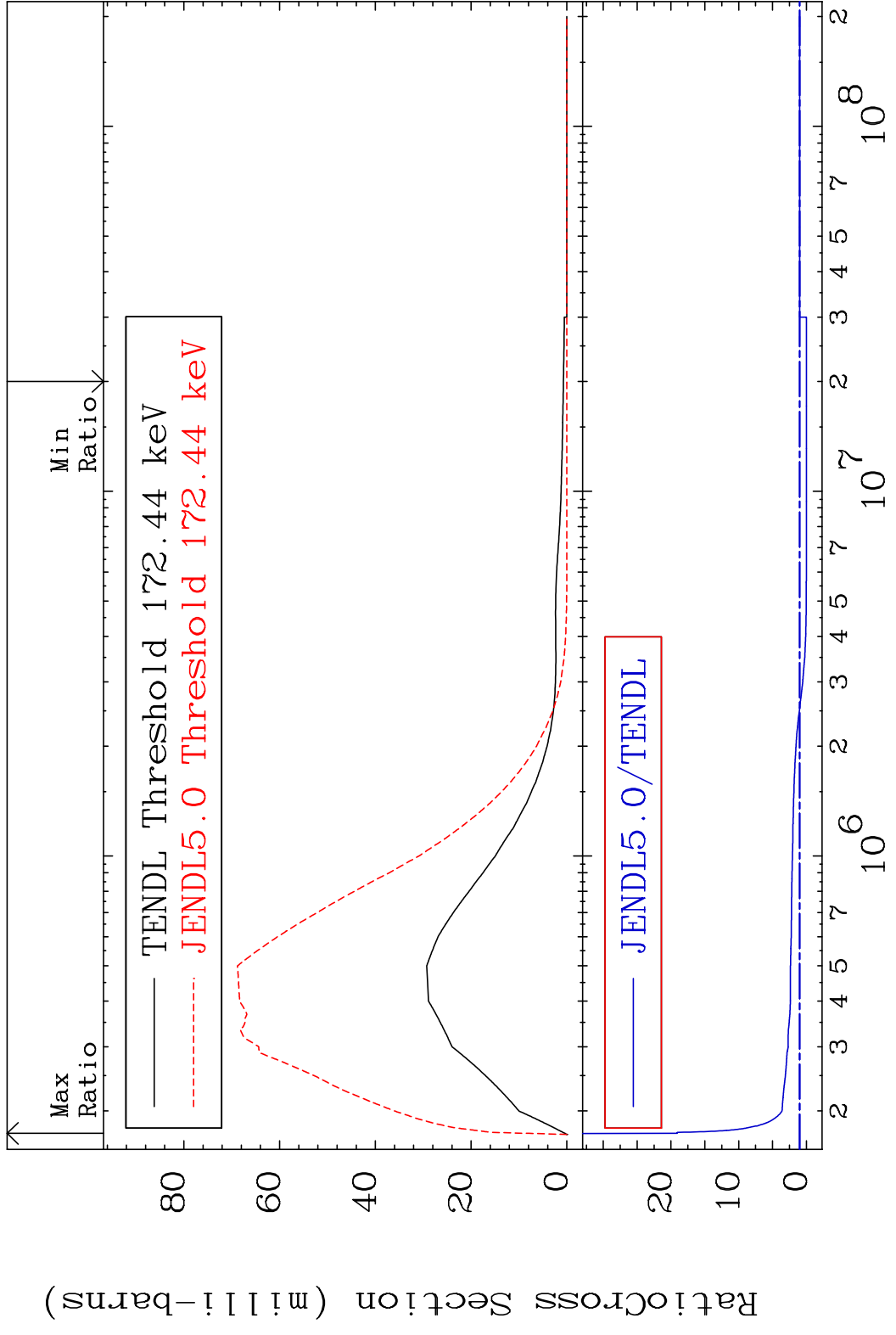
MAT 7722 MT= 59 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



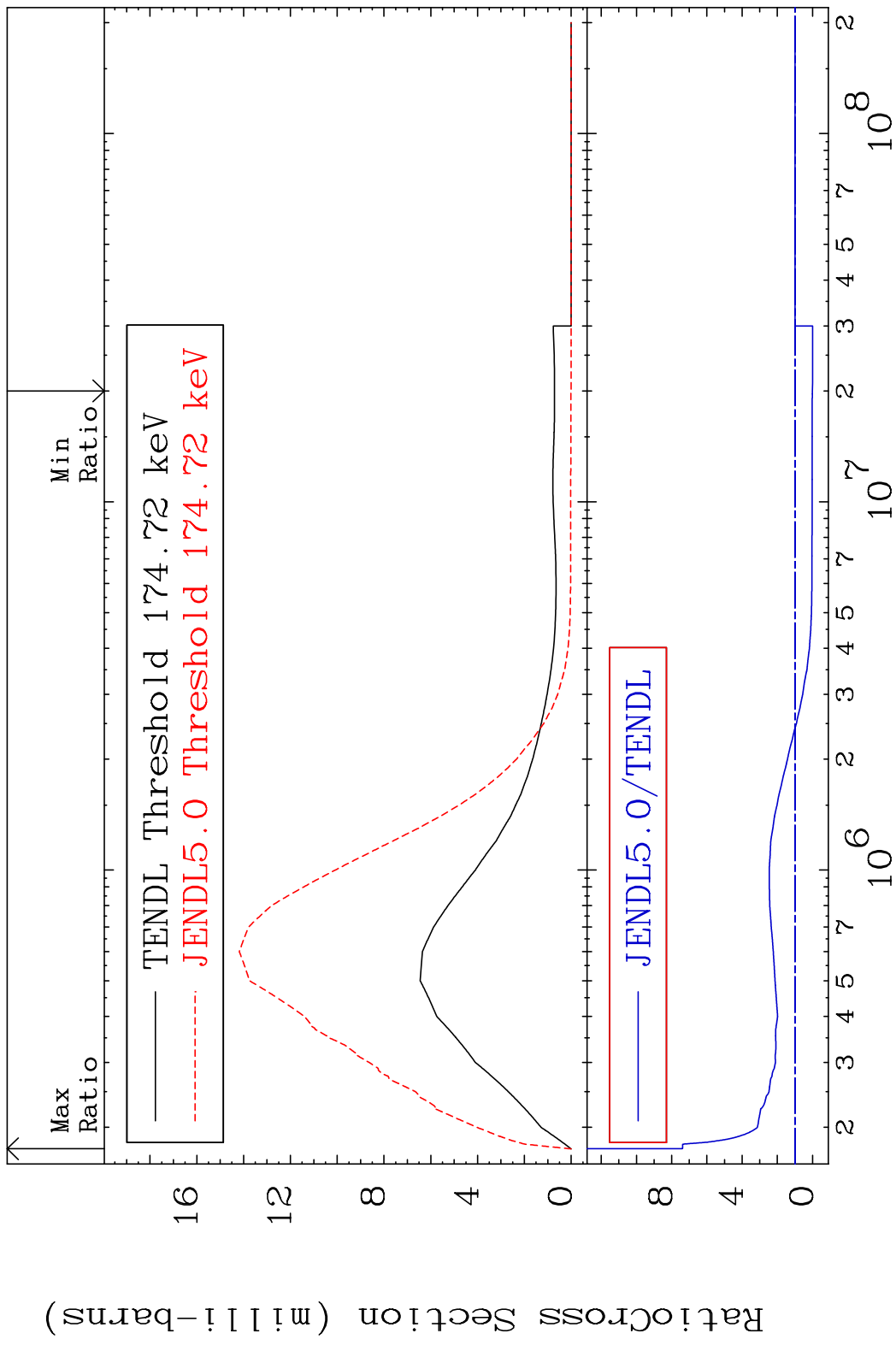
MAT 7722 MT= 60 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



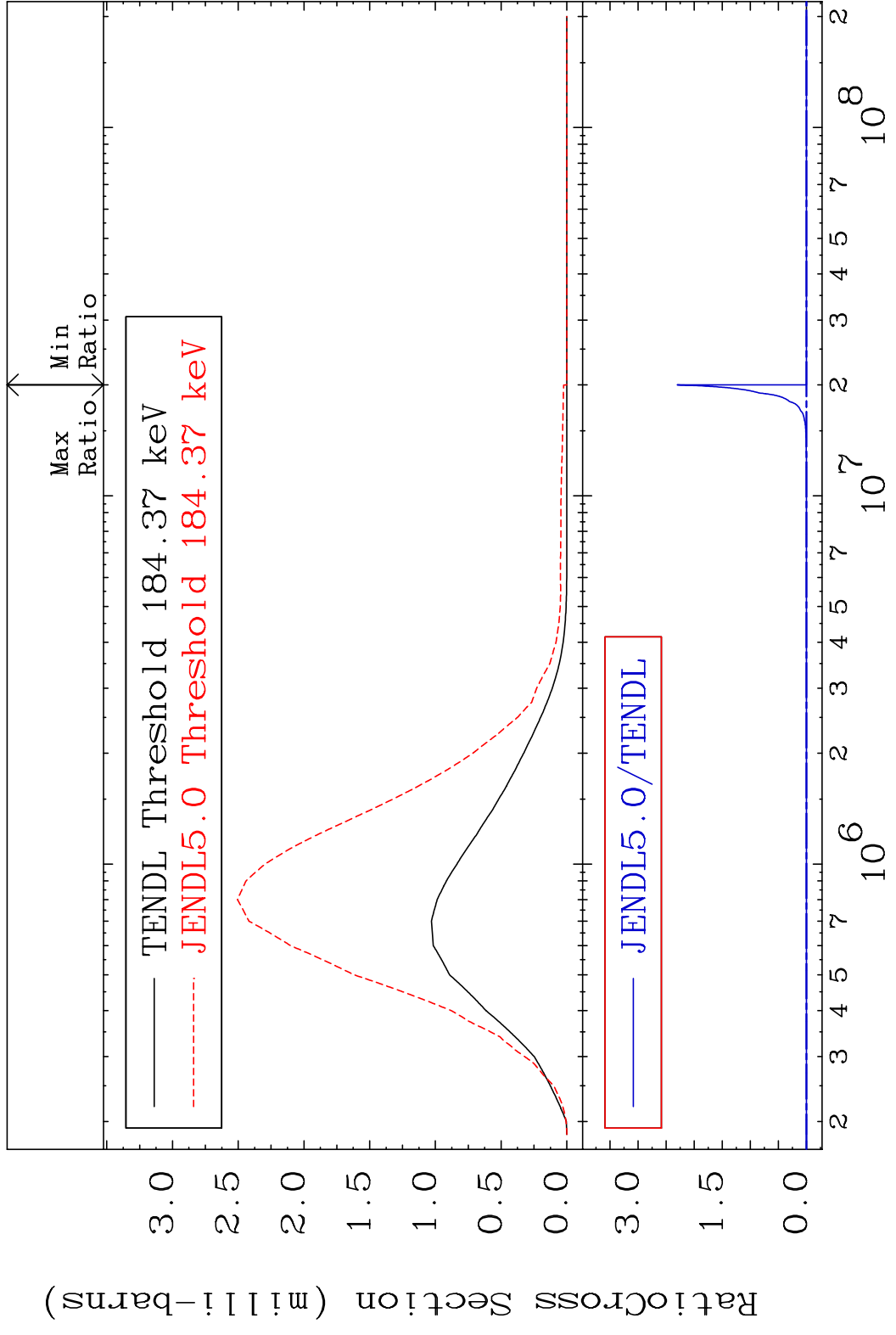
MAT 7722 MT= 61 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 1809. %



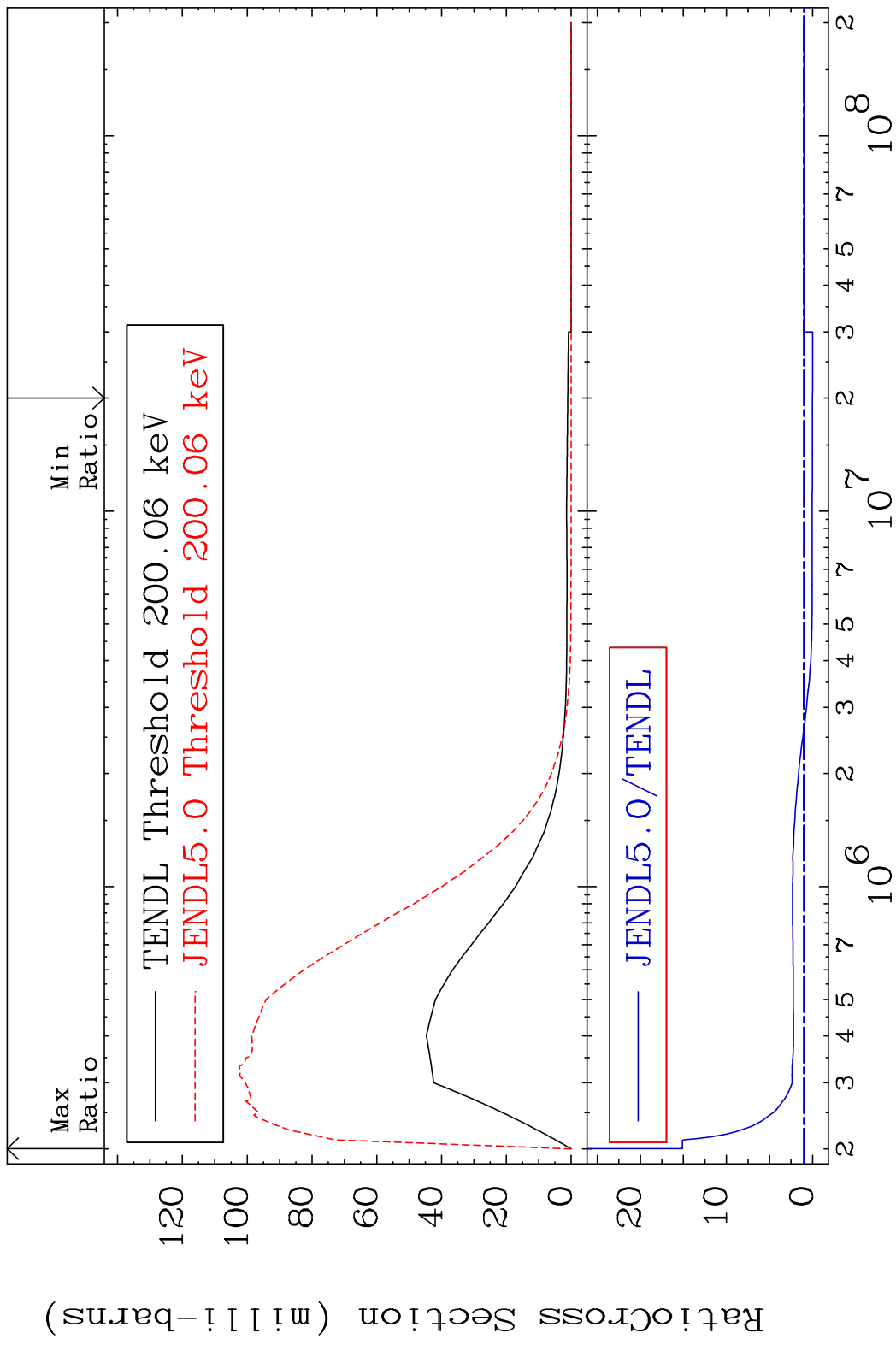
MAT 7722 MT= 62 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 639.3 %



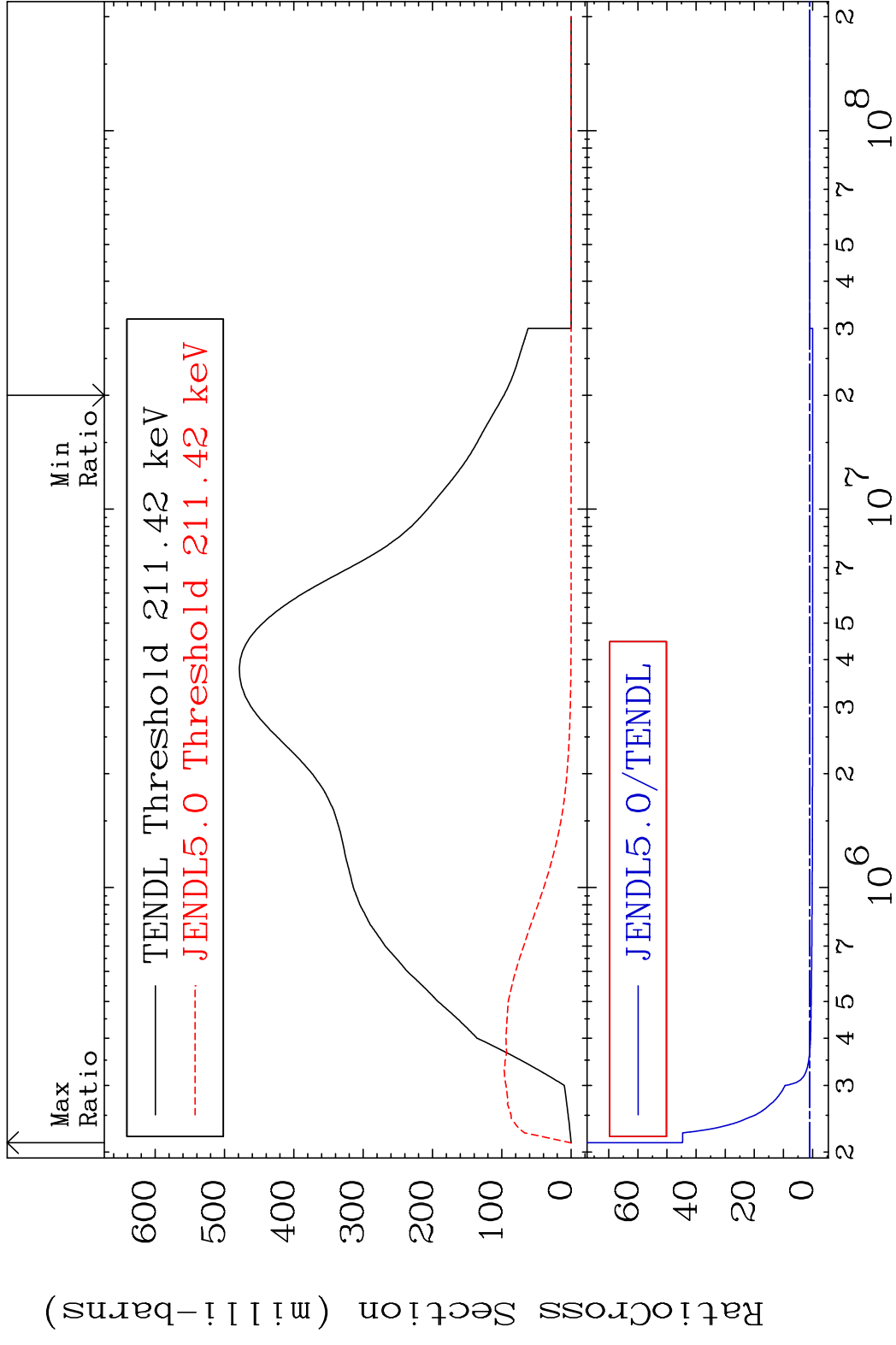
MAT 7722 MT= 63 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



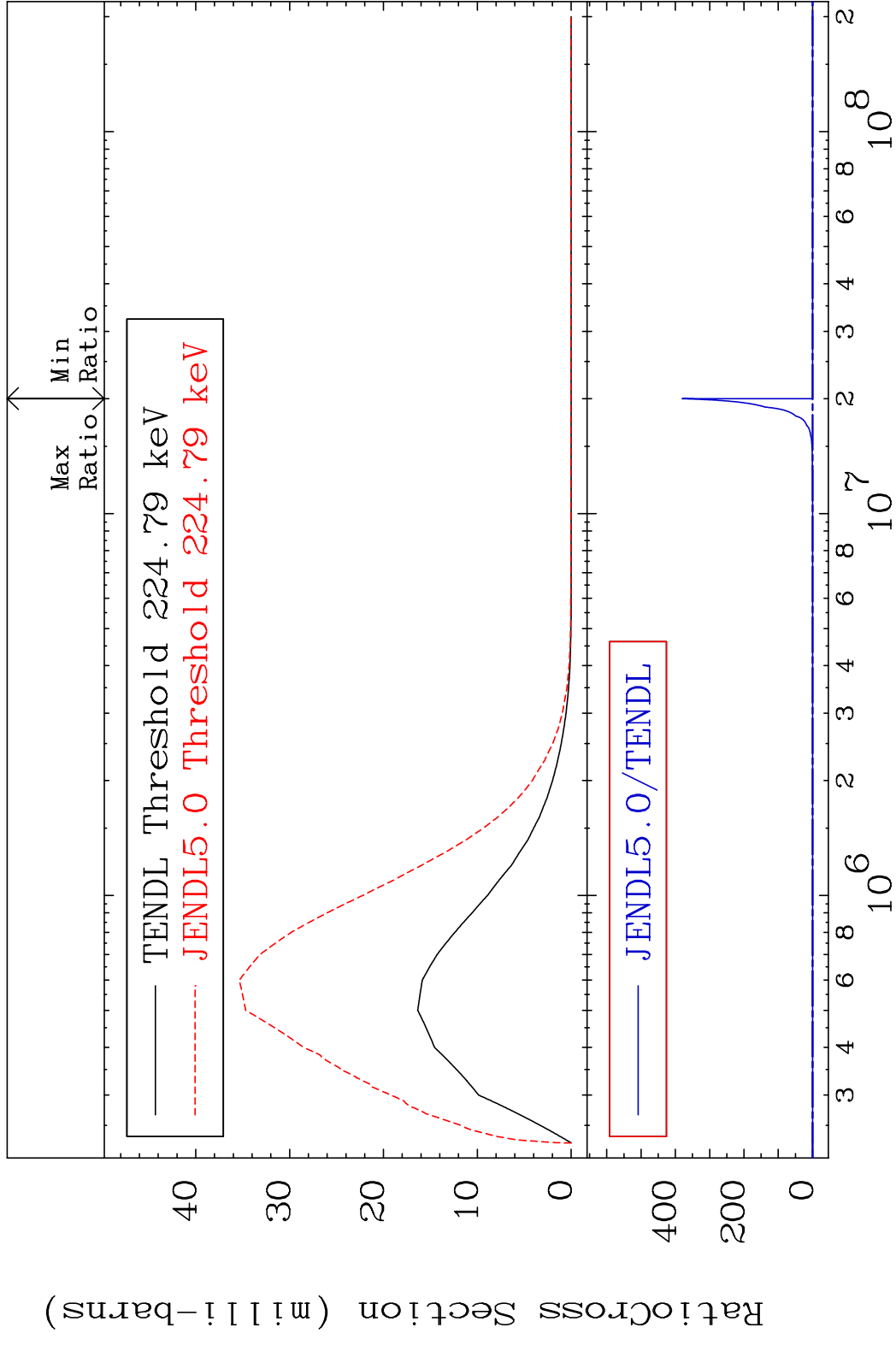
MAT 7722 MT= 64 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 1412. %



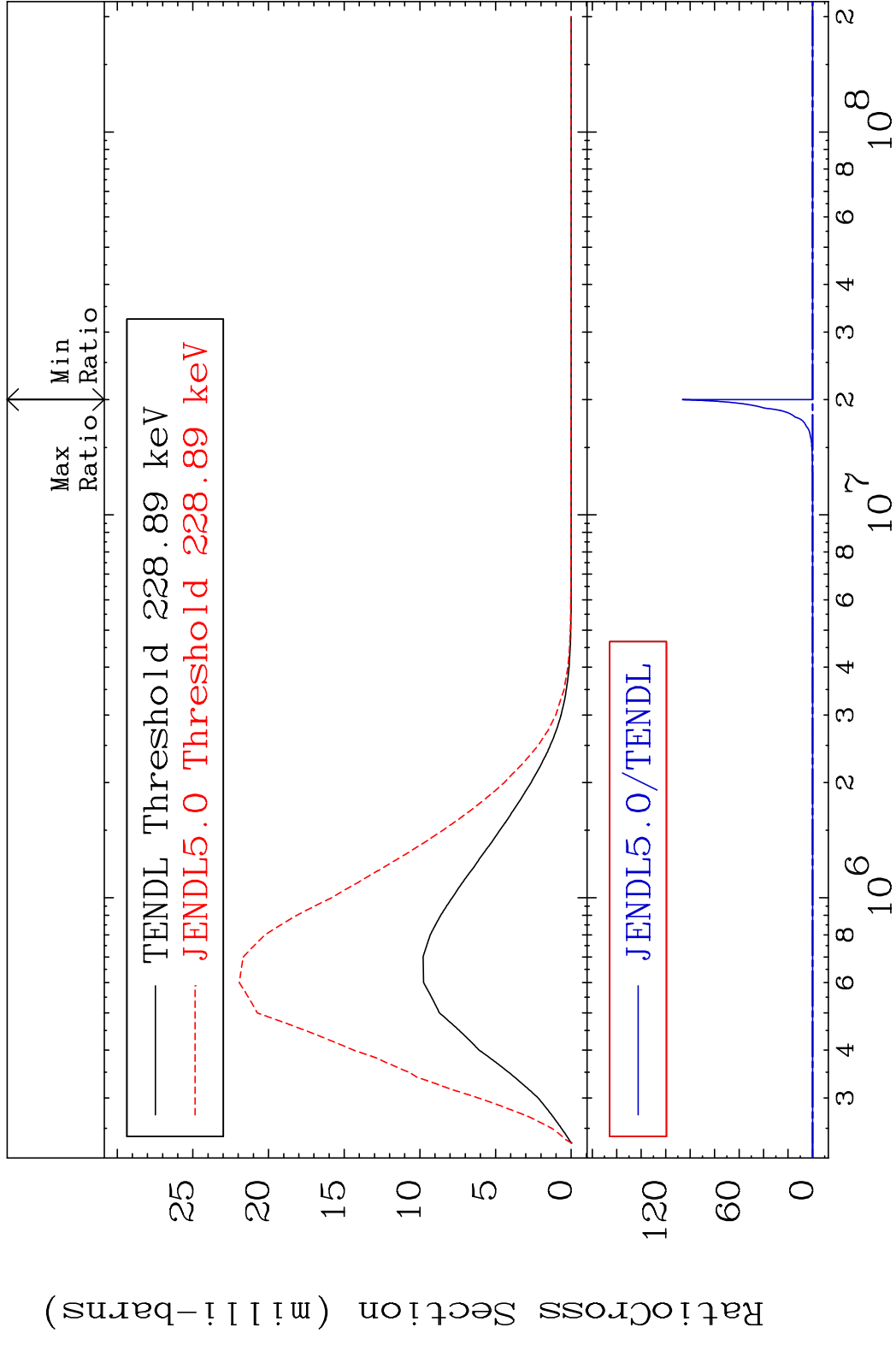
MAT 7722 MT= 65 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 4372. %



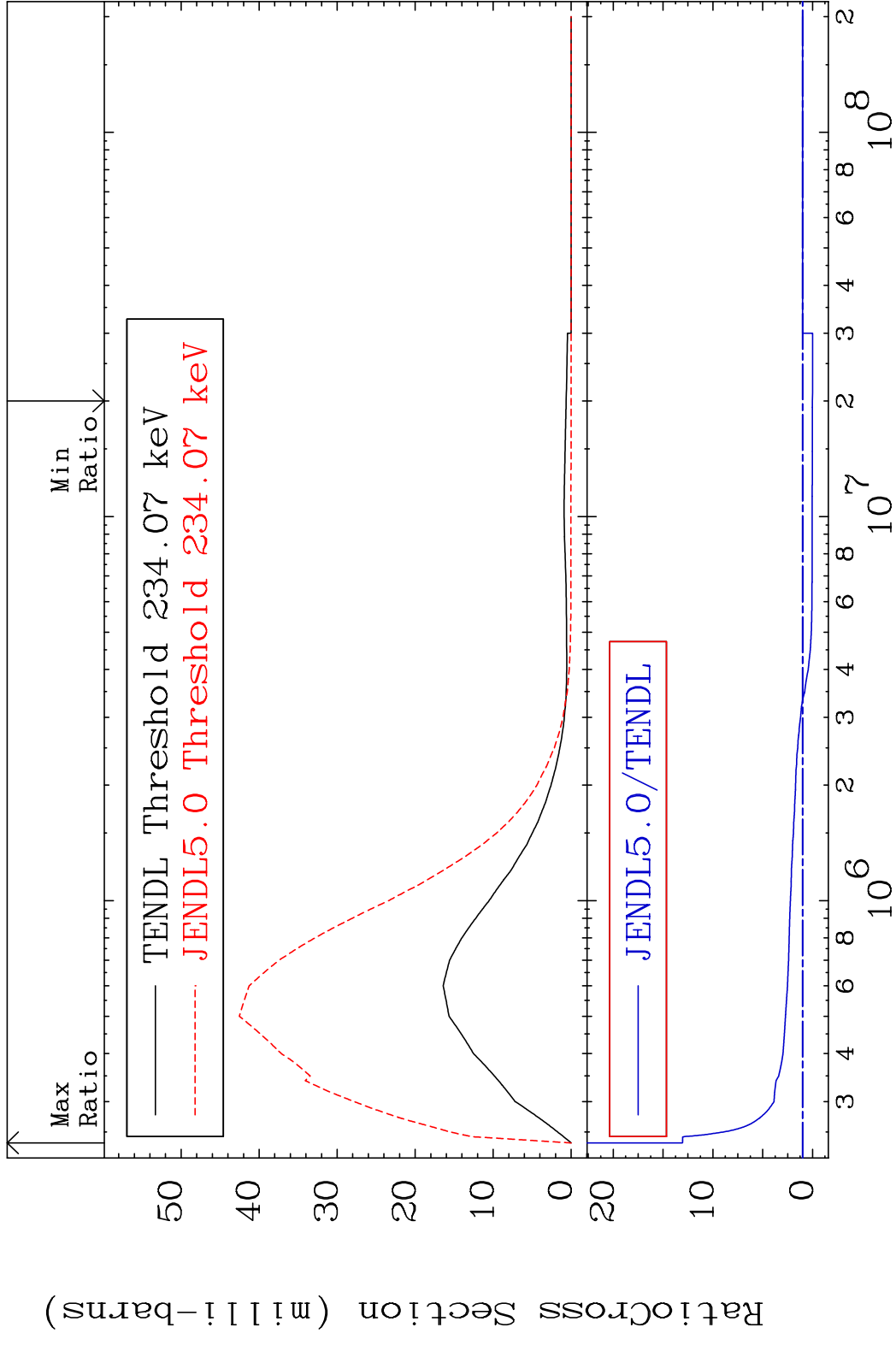
MAT 7722 MT= 66 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



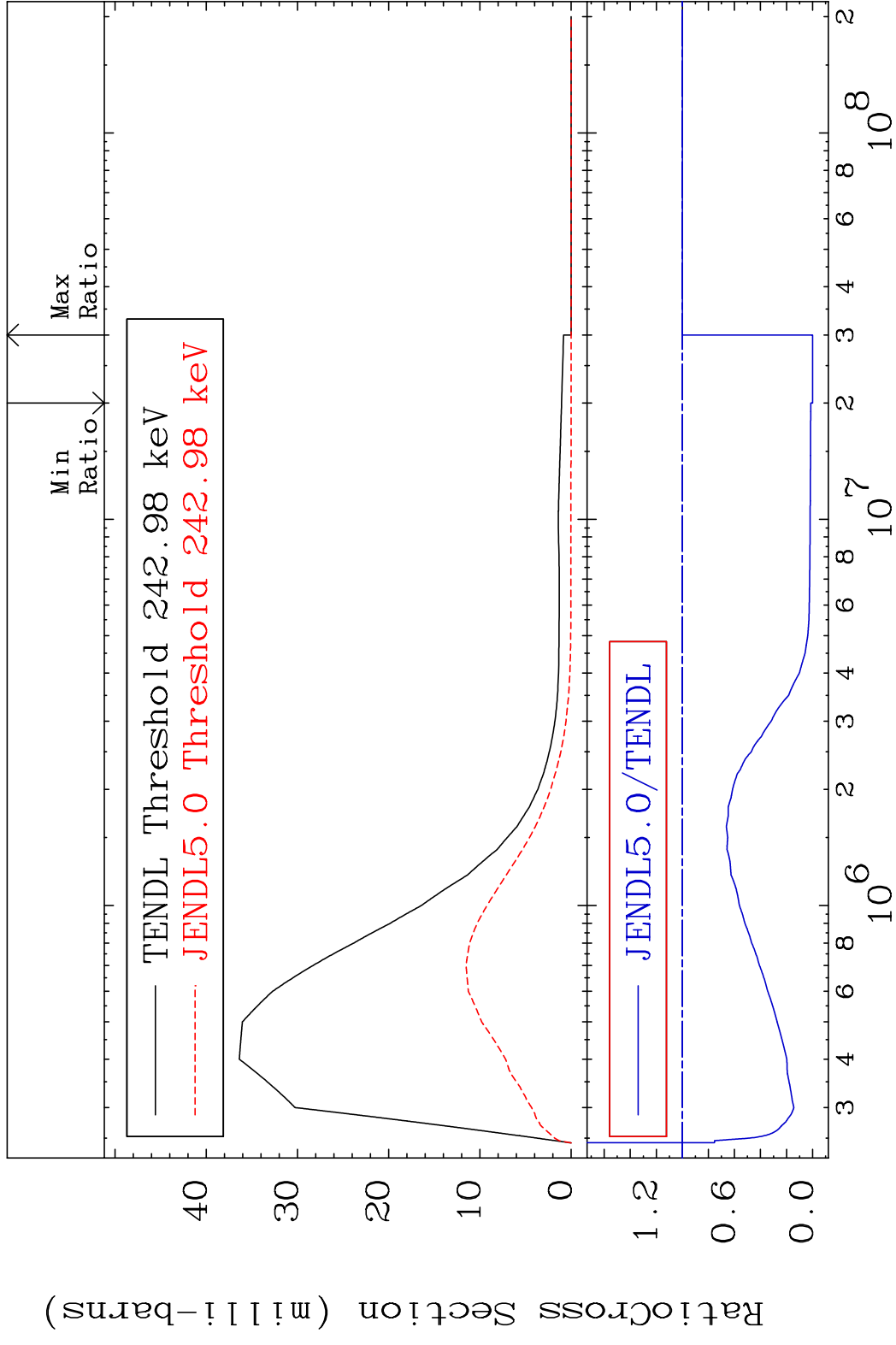
MAT 7722 MT= 67 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



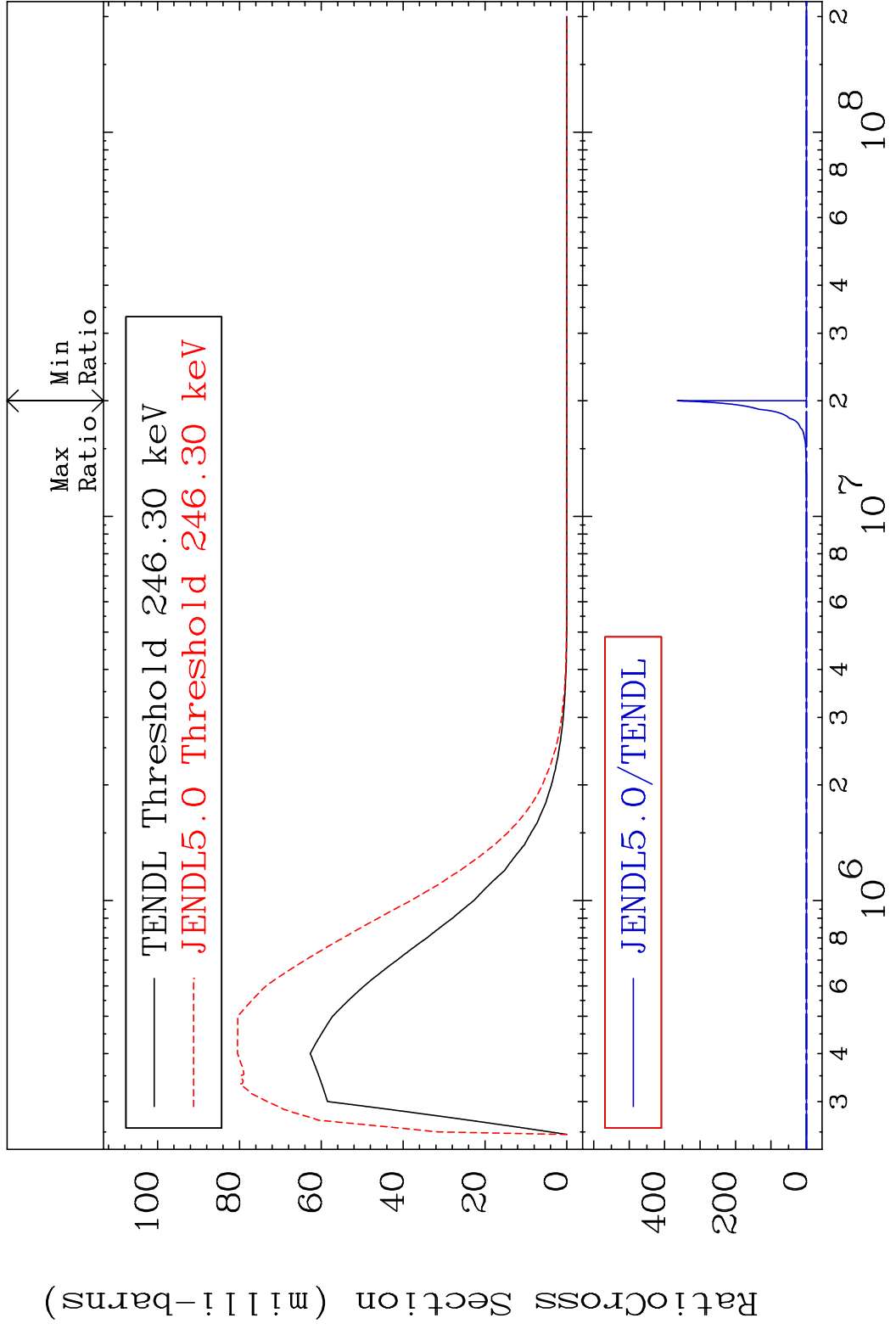
MAT 7722 MT= 68 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 1206. %



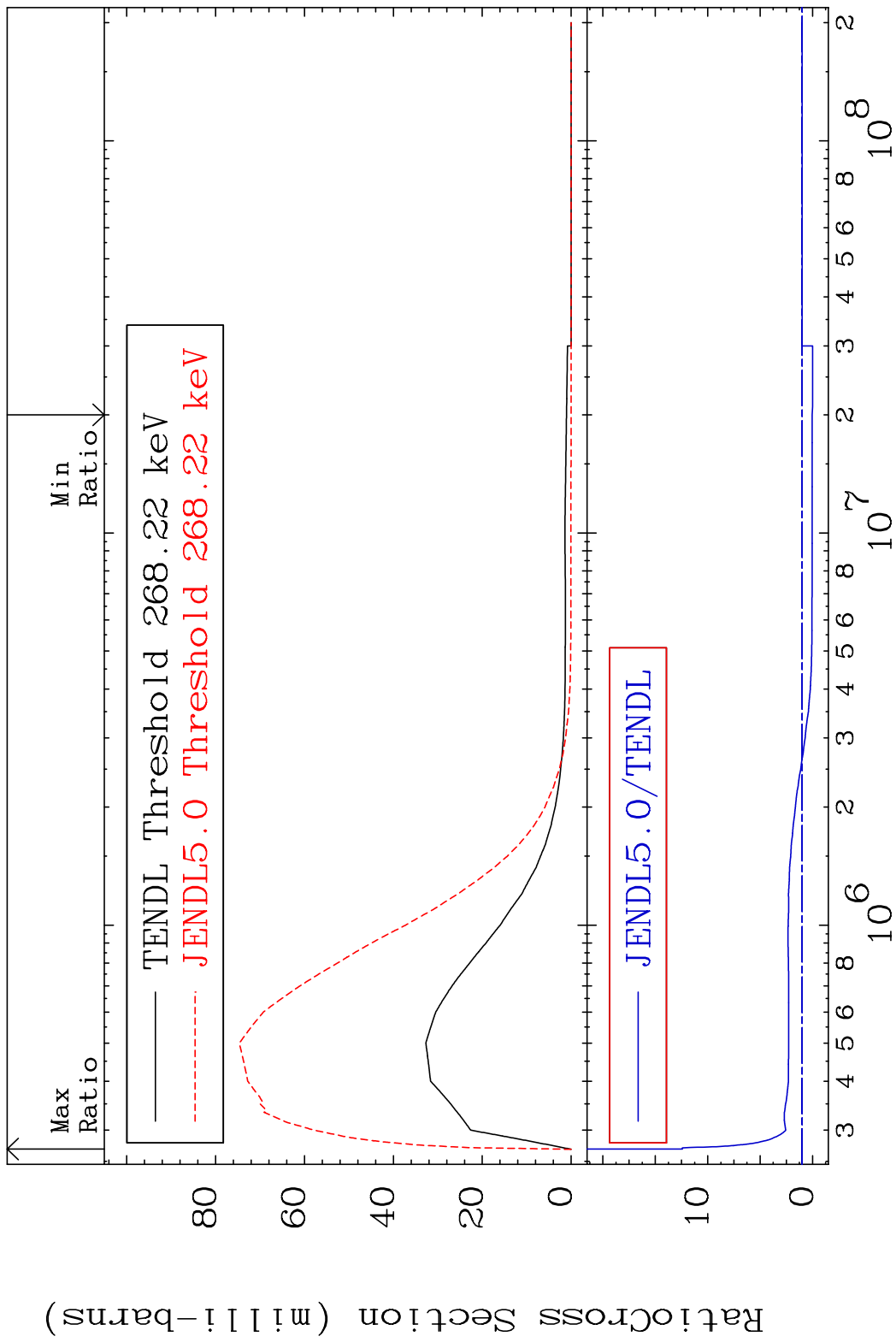
MAT 7722 MT= 69 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 0.000 %



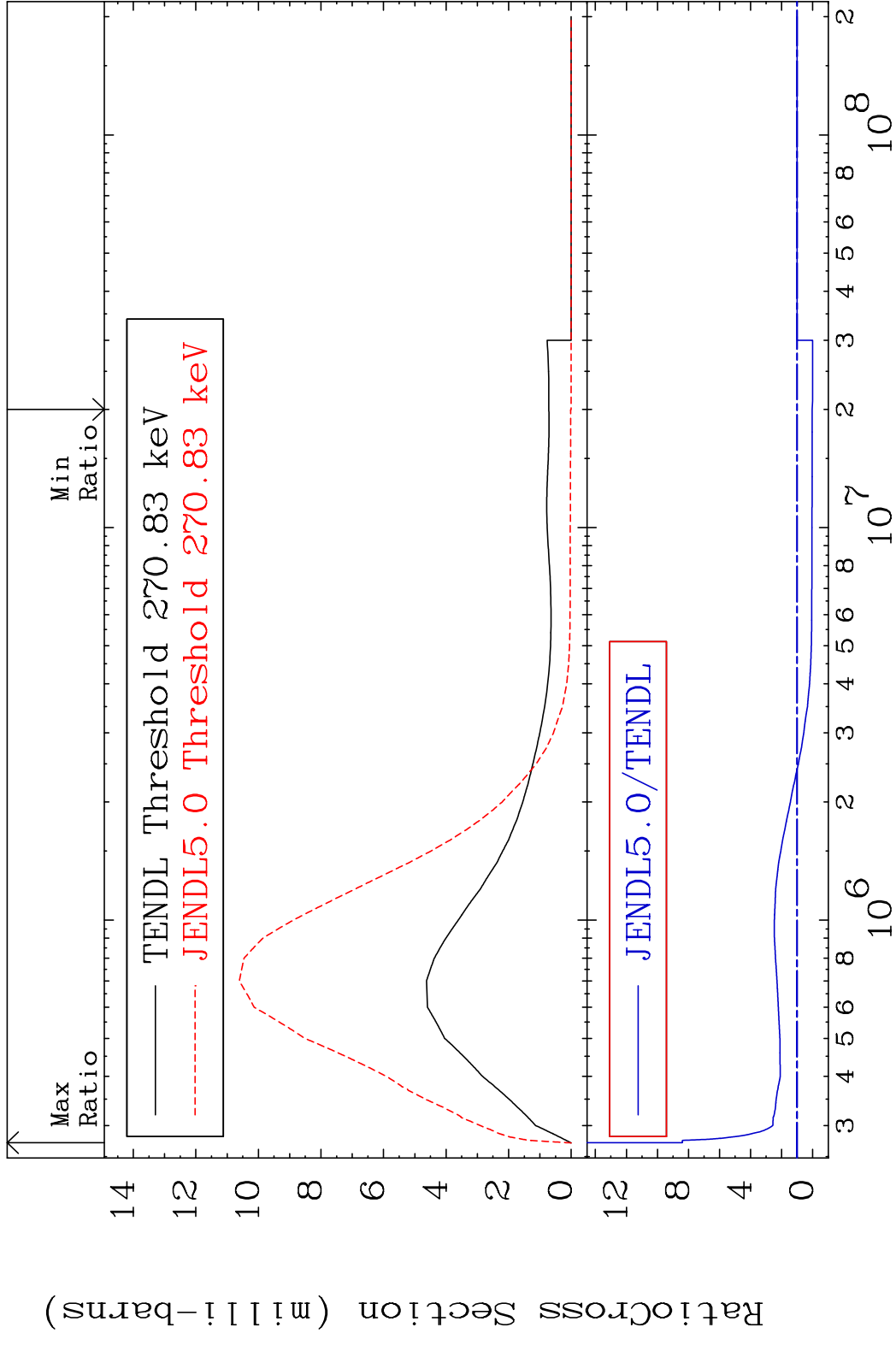
MAT 7722 MT= 70 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



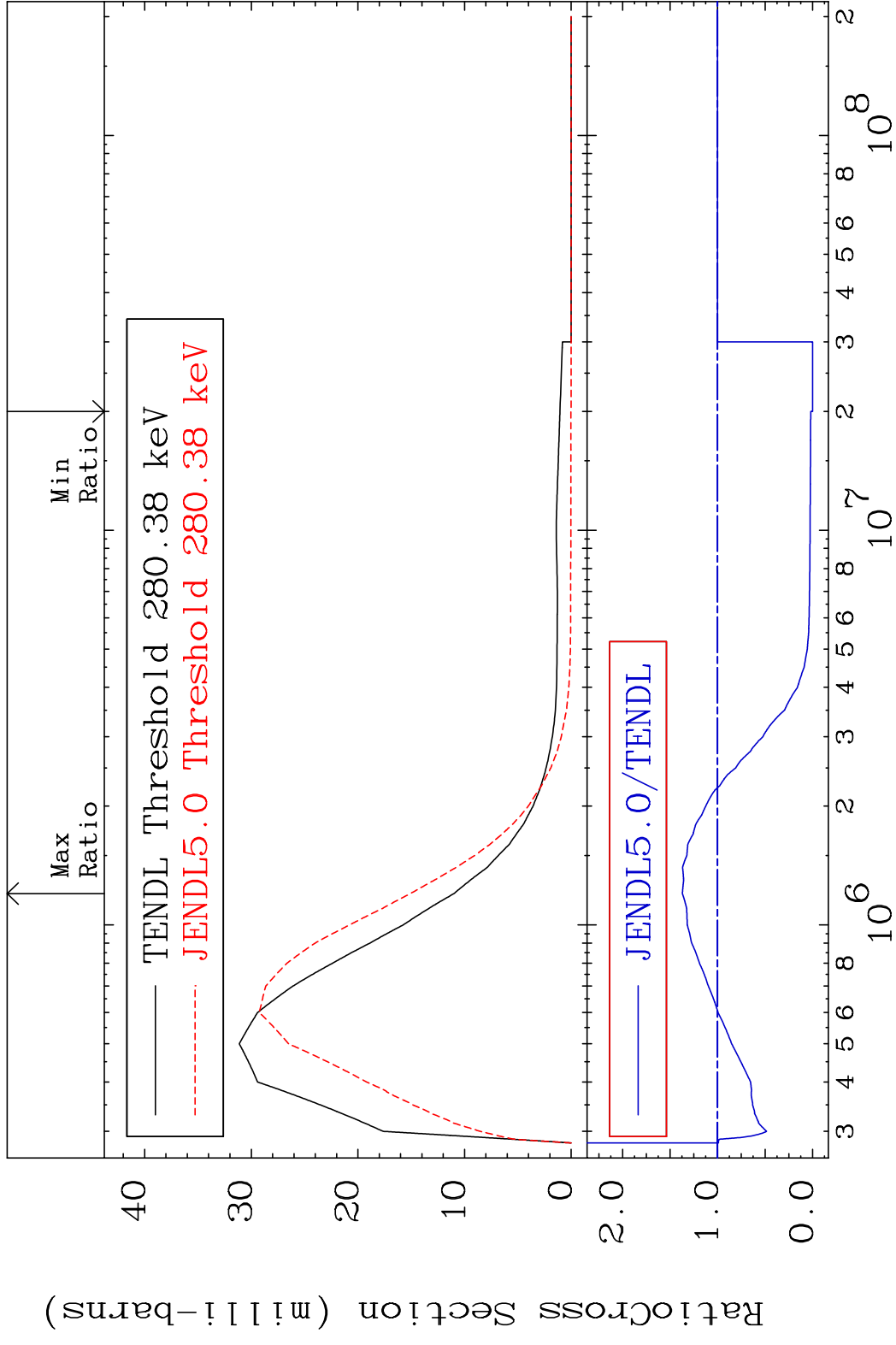
MAT 7722 MT= 71 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 1142. %



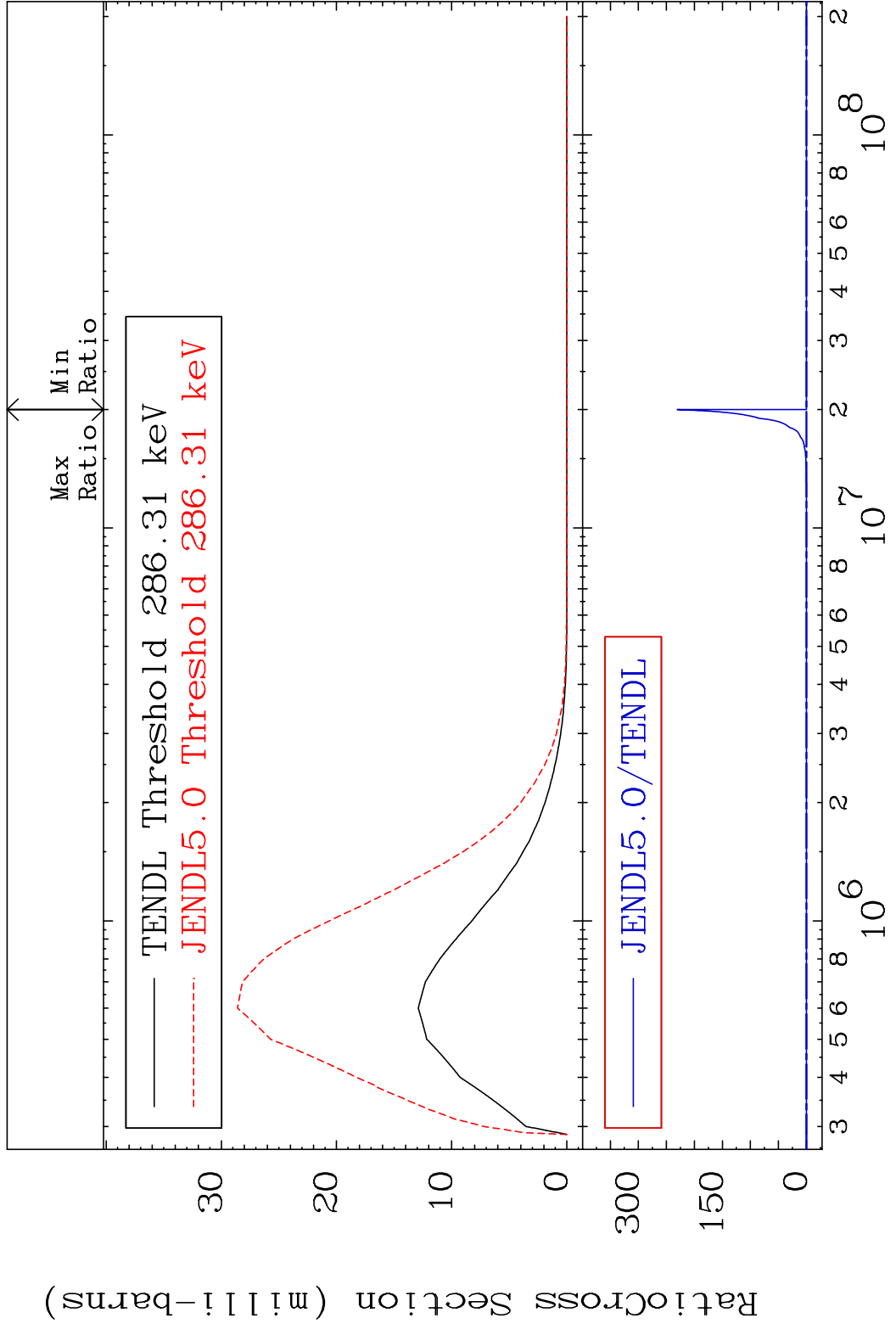
MAT 7722 MT= 72 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 739.3 %



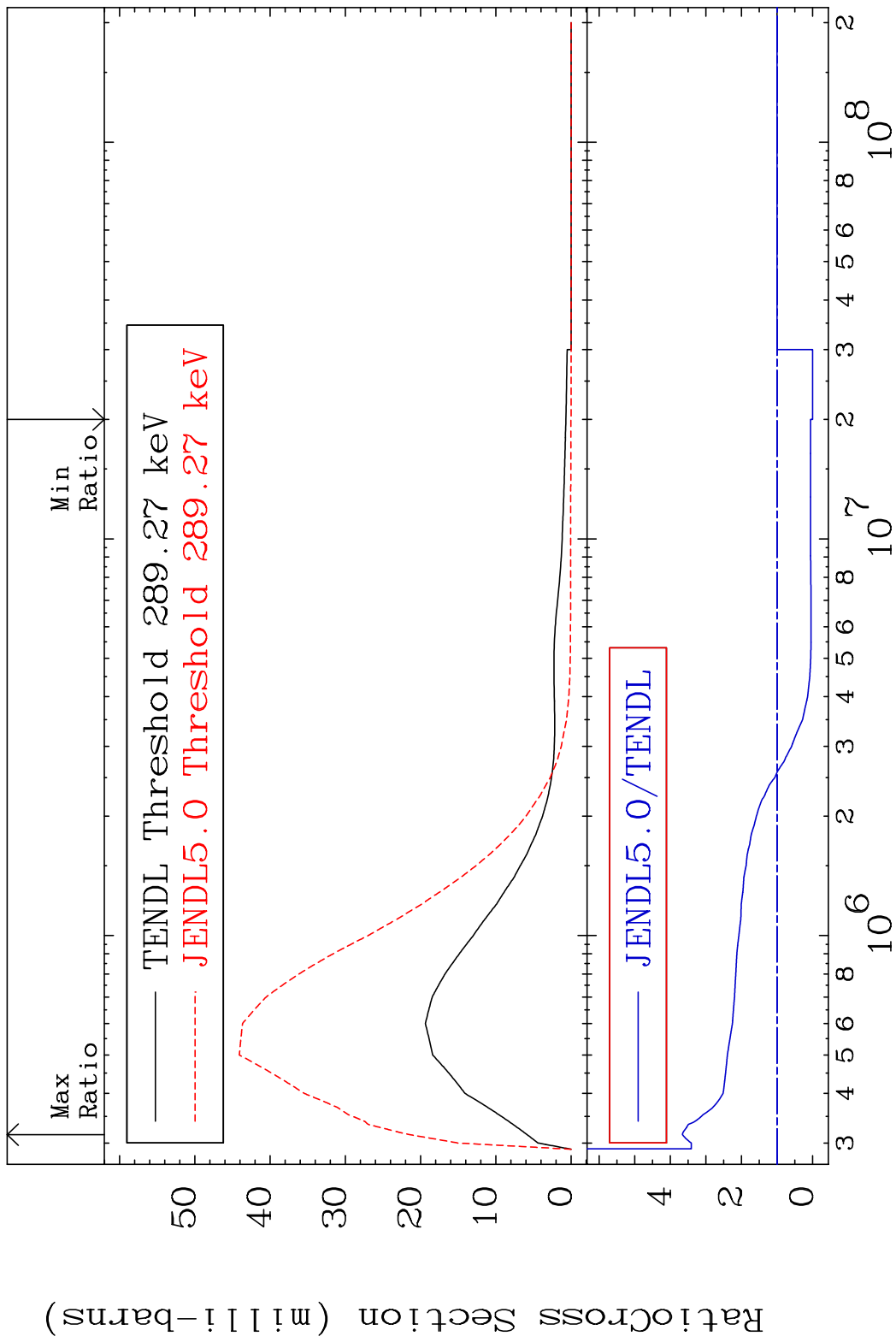
MAT 7722 MT= 73 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 37.08 %



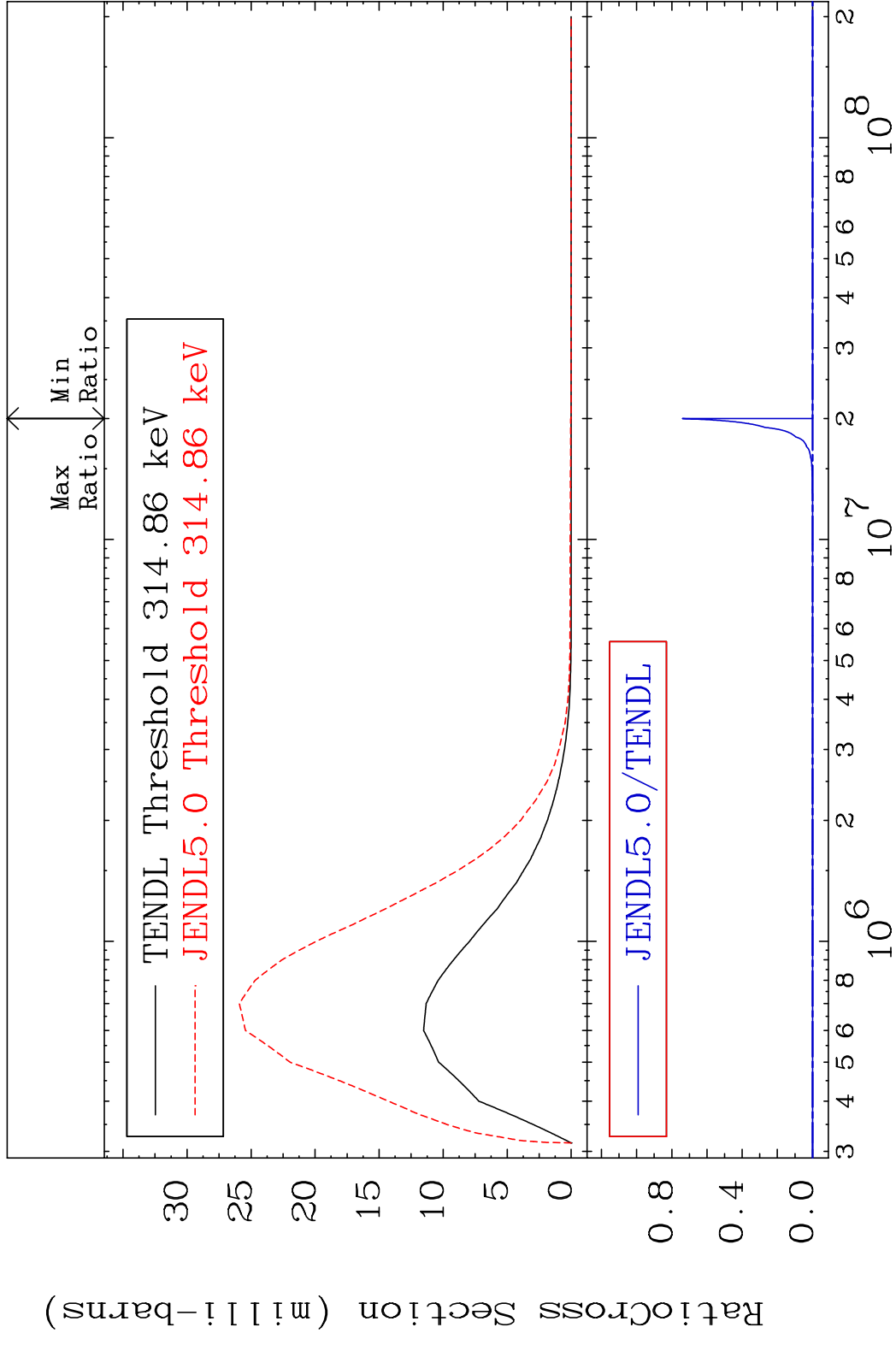
MAT 7722 MT= 74 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



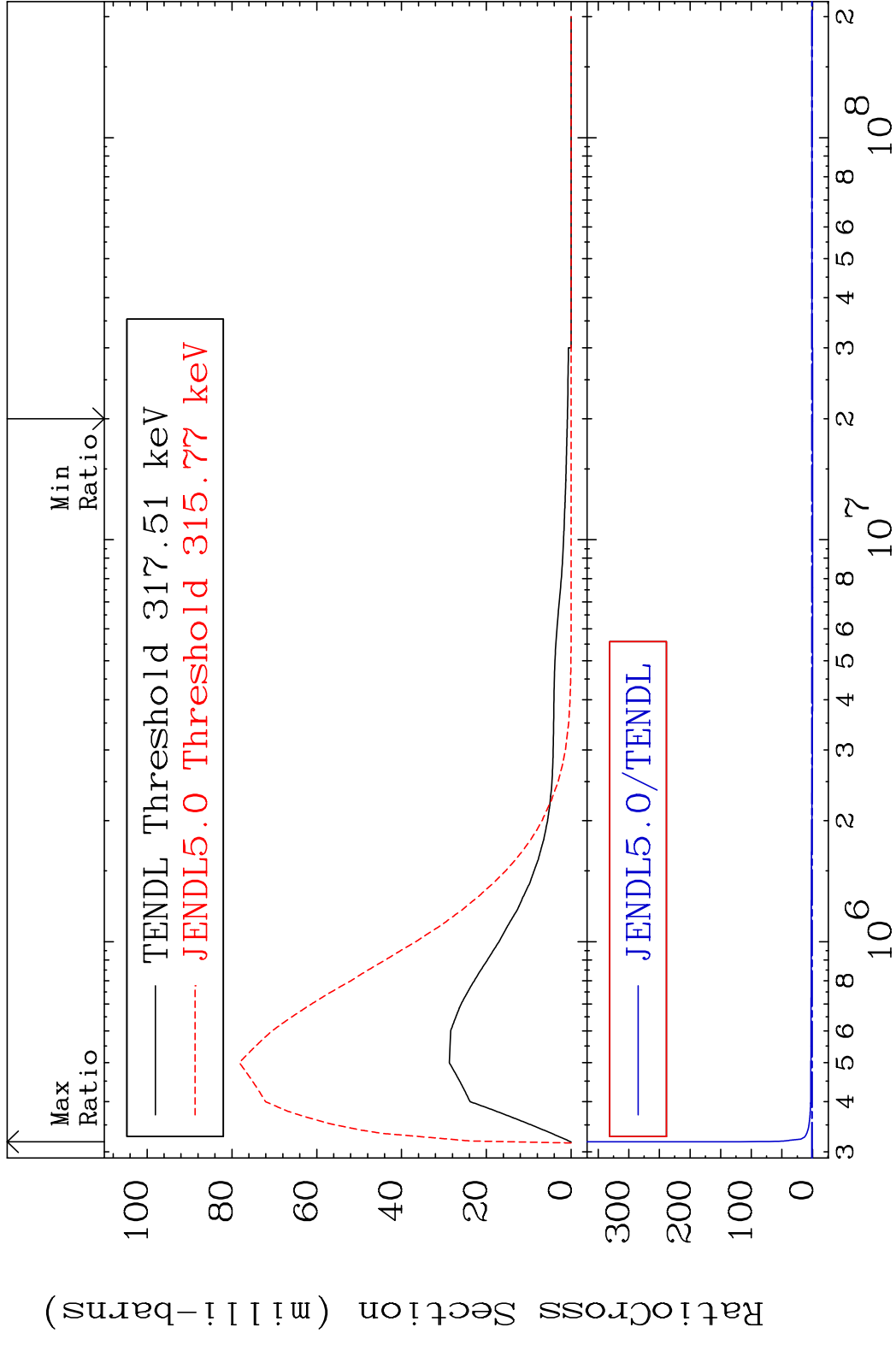
MAT 7722 MT= 75 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 266.2 %



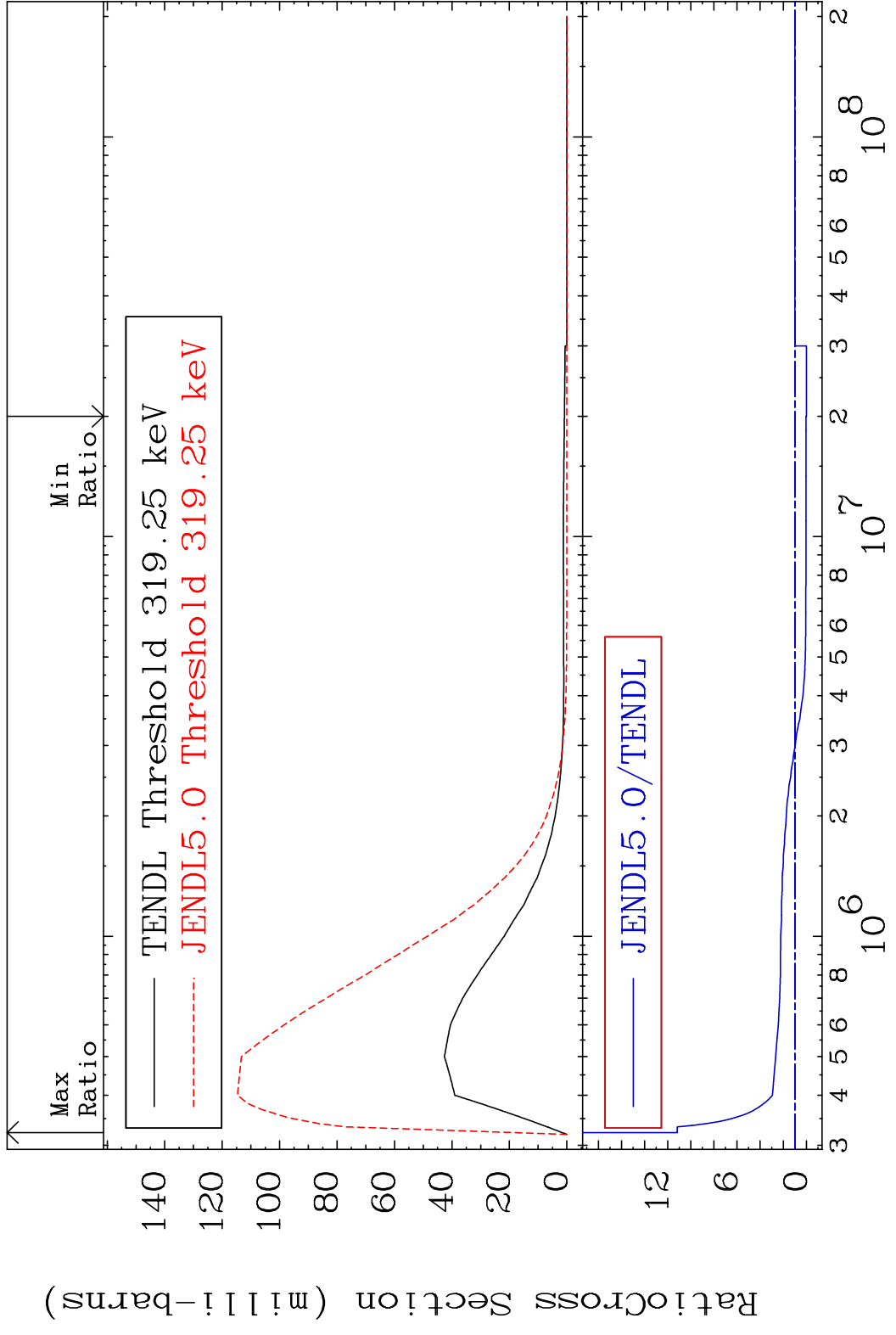
MAT 7722 MT= 76 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



MAT 7722 MT= 77 (n,n') Level 77-Ir-190
 Cross Section -100.0 To 9999. %



MAT 7722 MT= 78 (n, n') Level 77-Ir-190
 Cross Section -100.0 To 1018. %

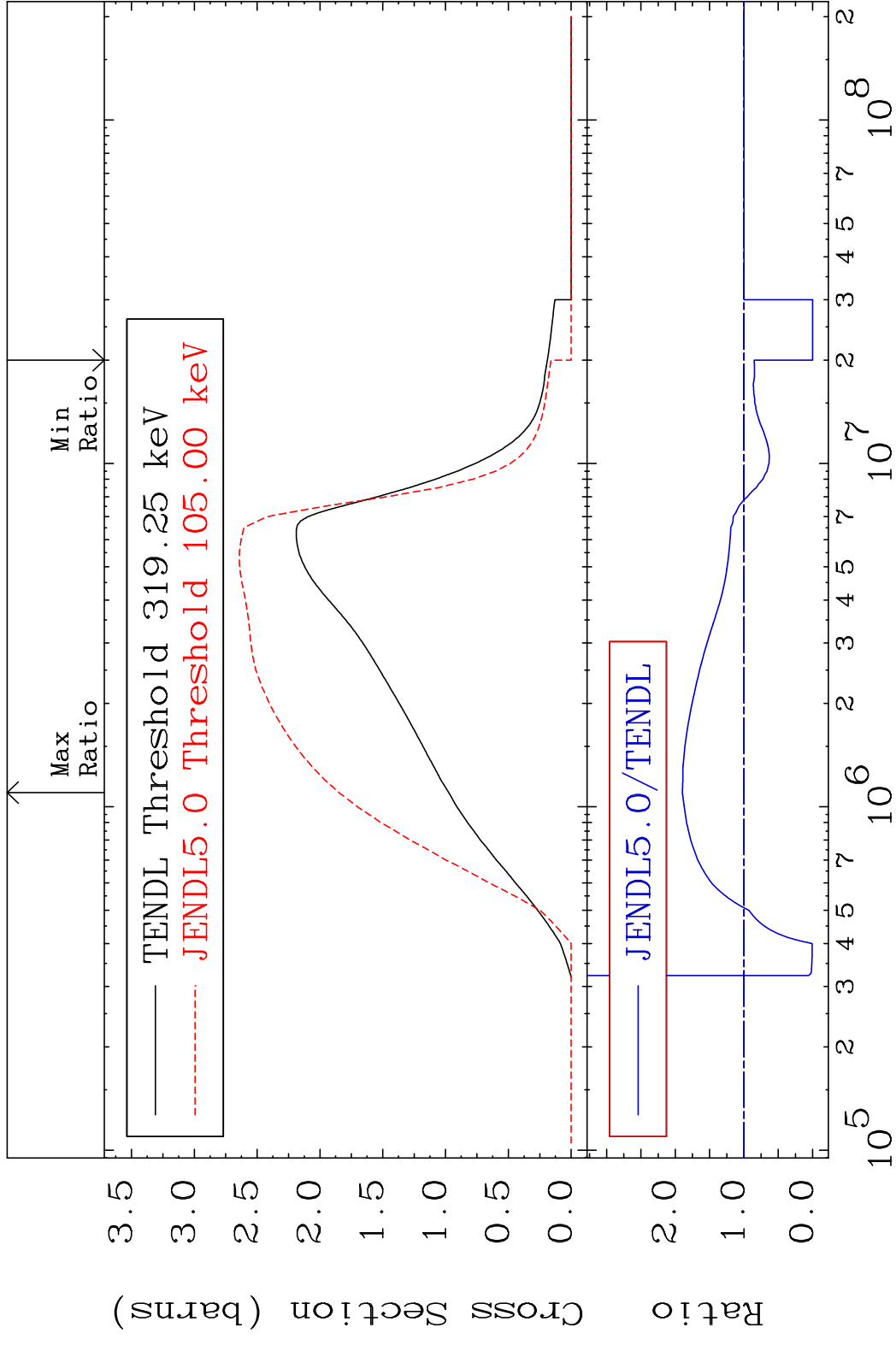


MAT 7722

(n, n') Continuum

77-Ir-190

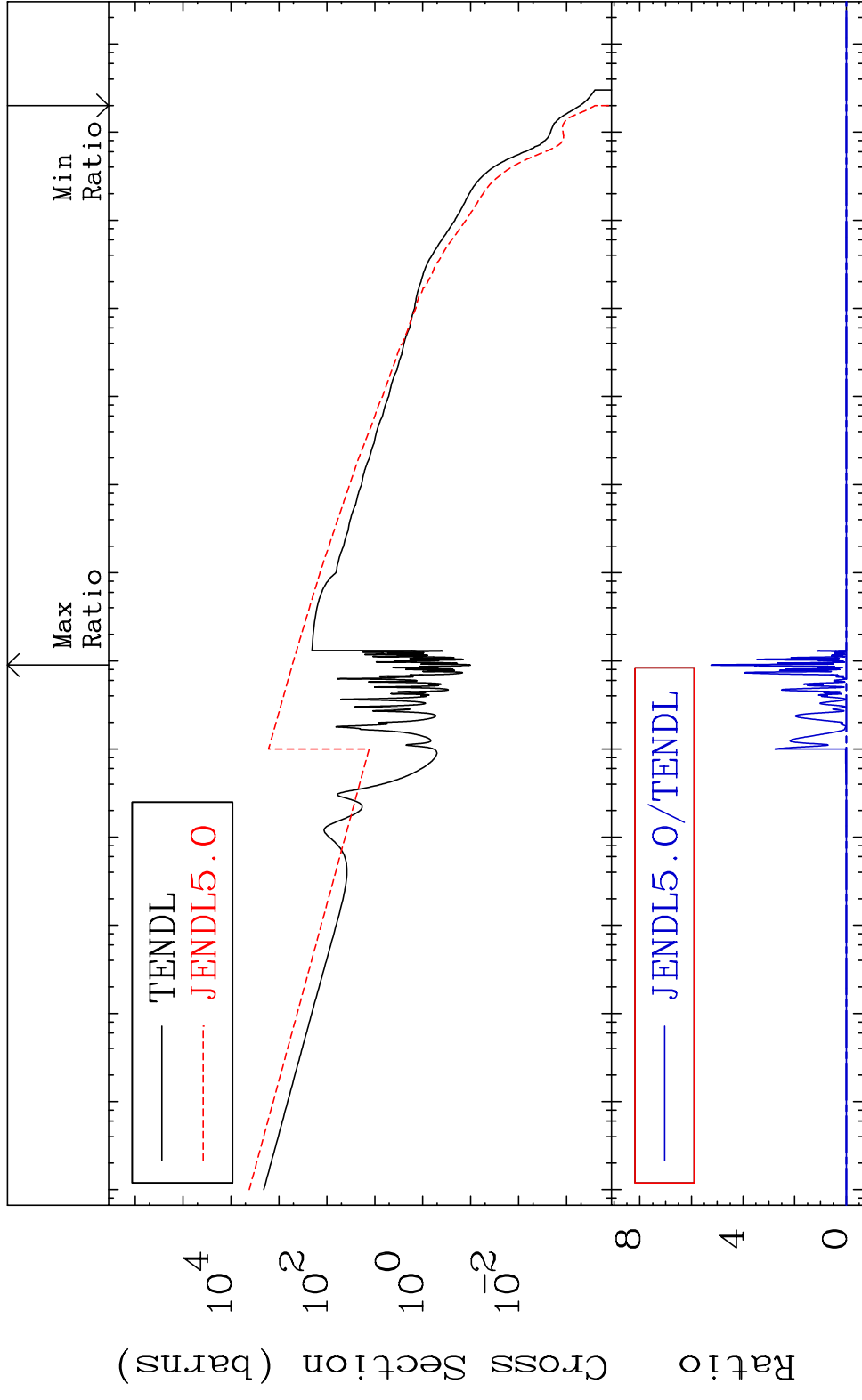
Cross Section -100.0 To 89.68 %



MAT 7722

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

77-Ir-190



42

Incident Energy (eV)

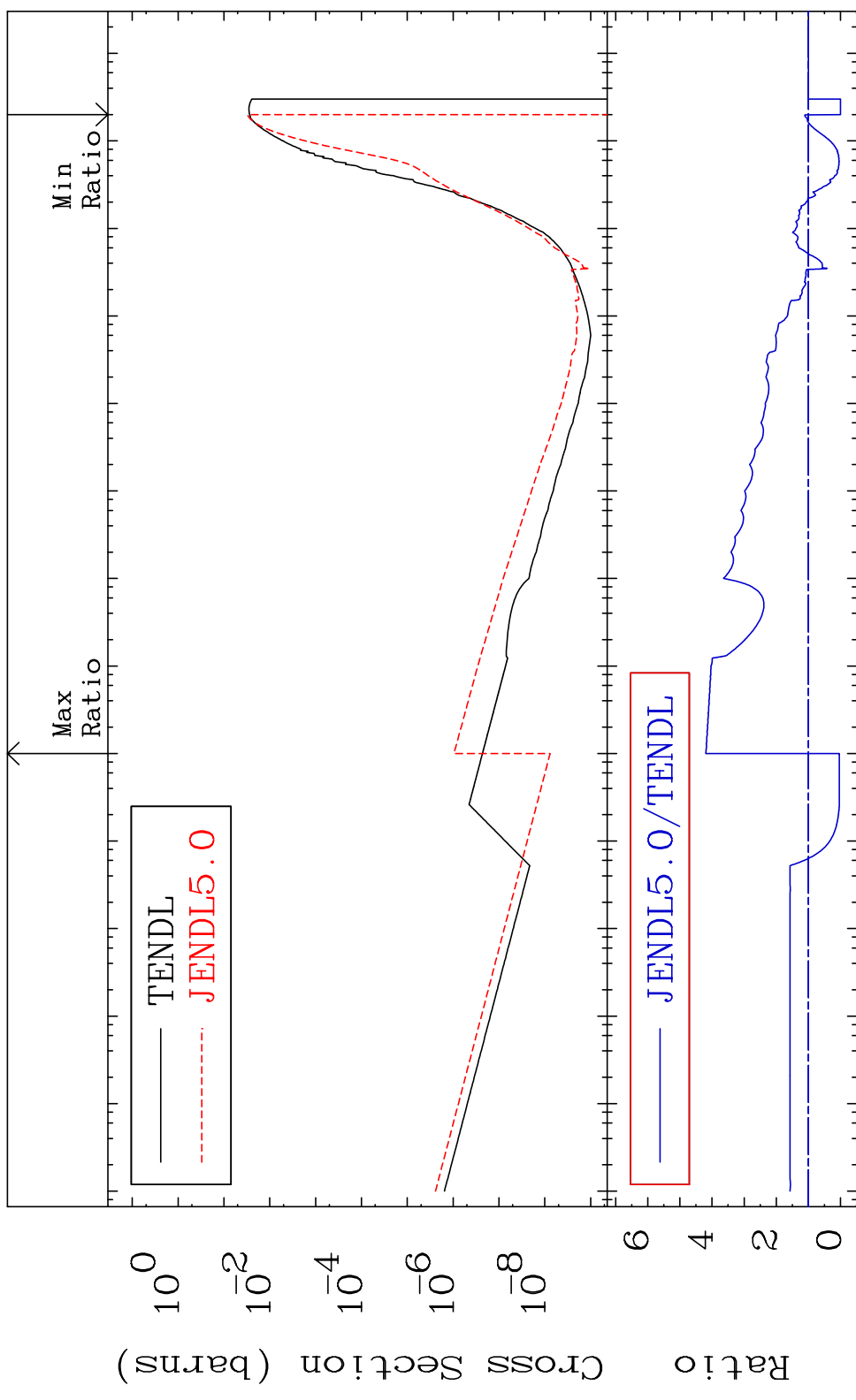
77-Ir-190

MAT 7722

(n, p)

77-Ir-190

Cross Section -100.0 To 319.5 %

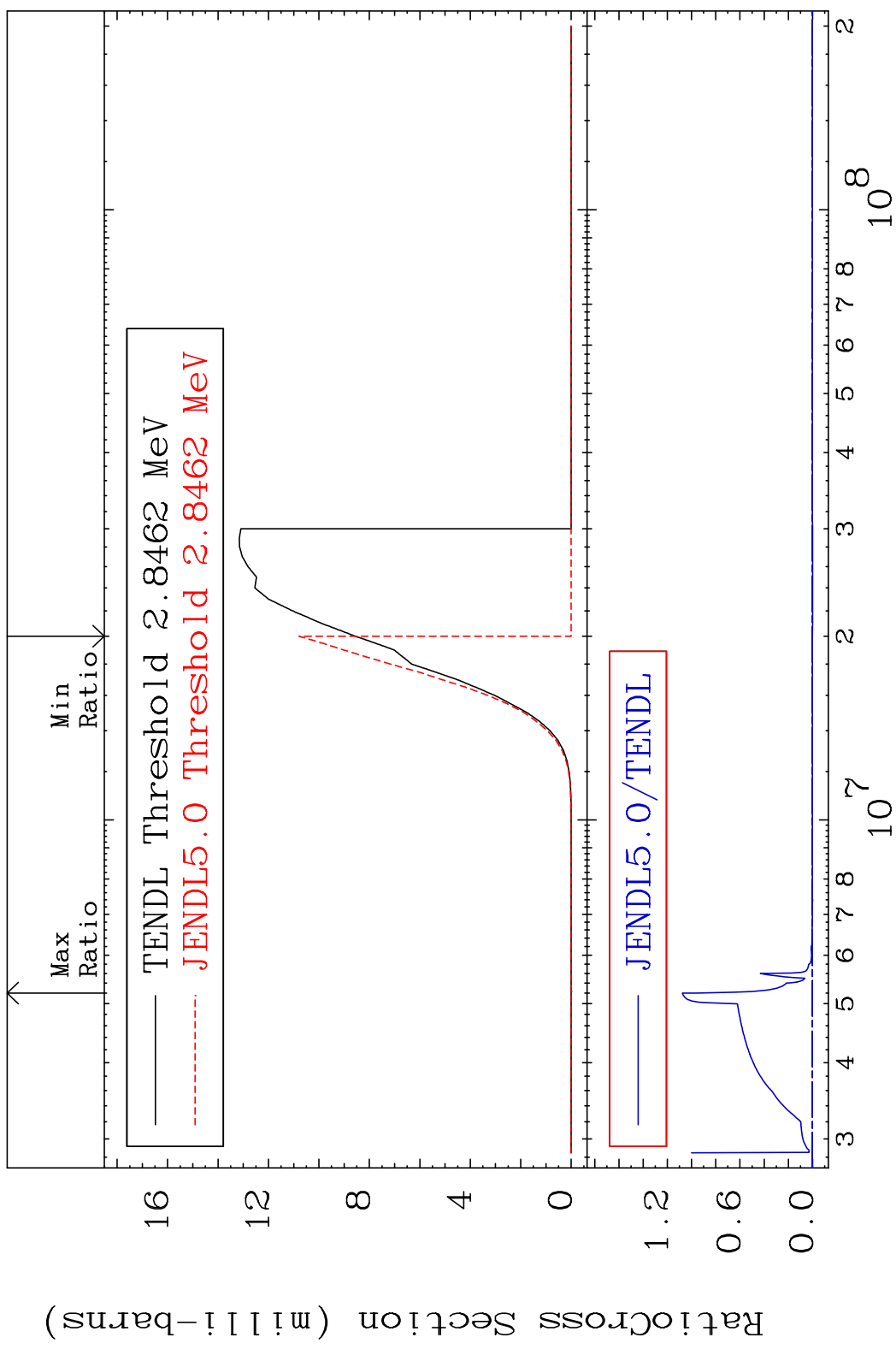


MAT 7722

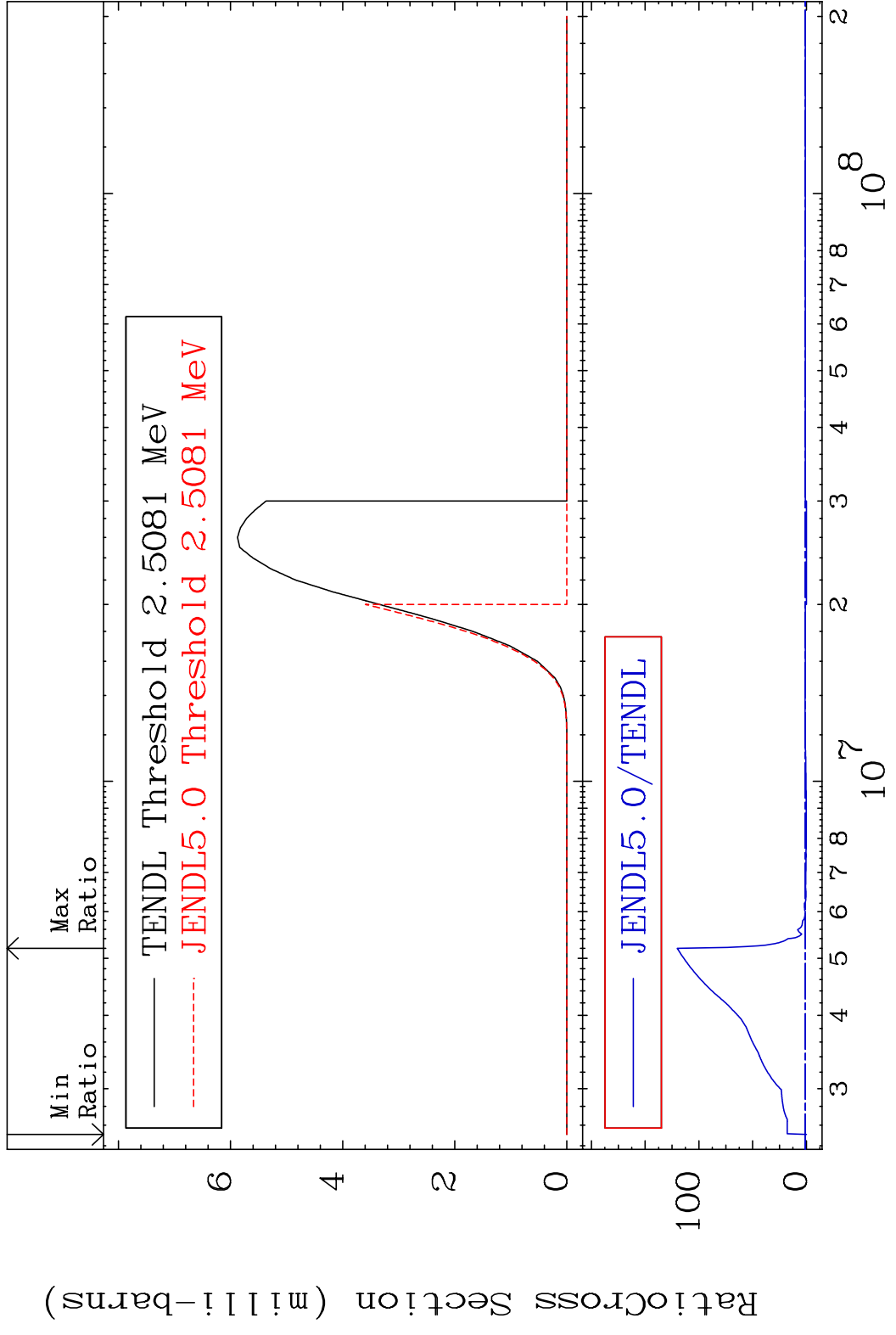
(n,d)

77-Ir-190

Cross Section -100.0 To 9999. %



MAT 7722 (n, t) 77-Ir-190
 Cross Section -100.0 To 9999. %

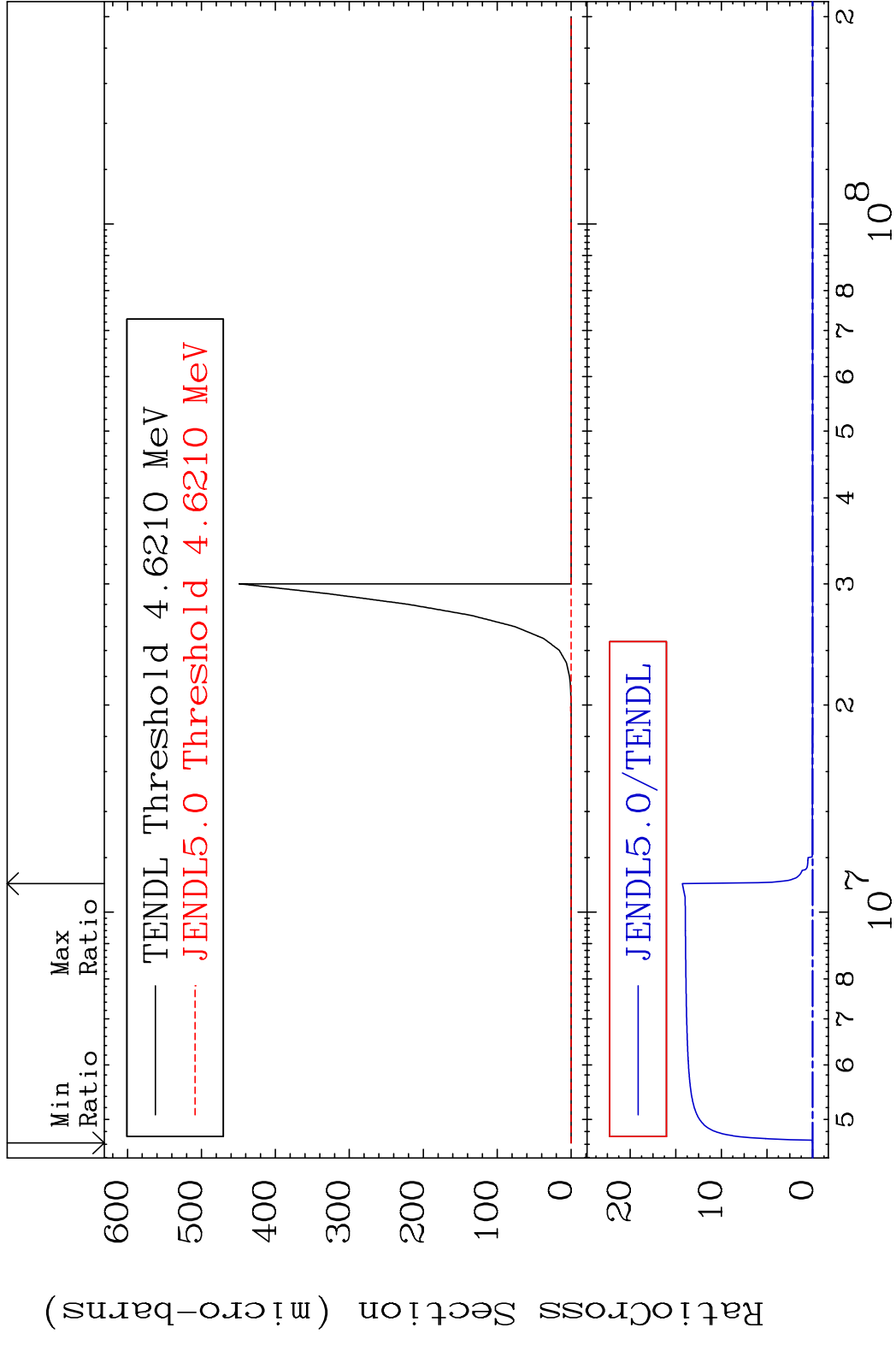


MAT 7722

(n, He-3)

77-Ir-190

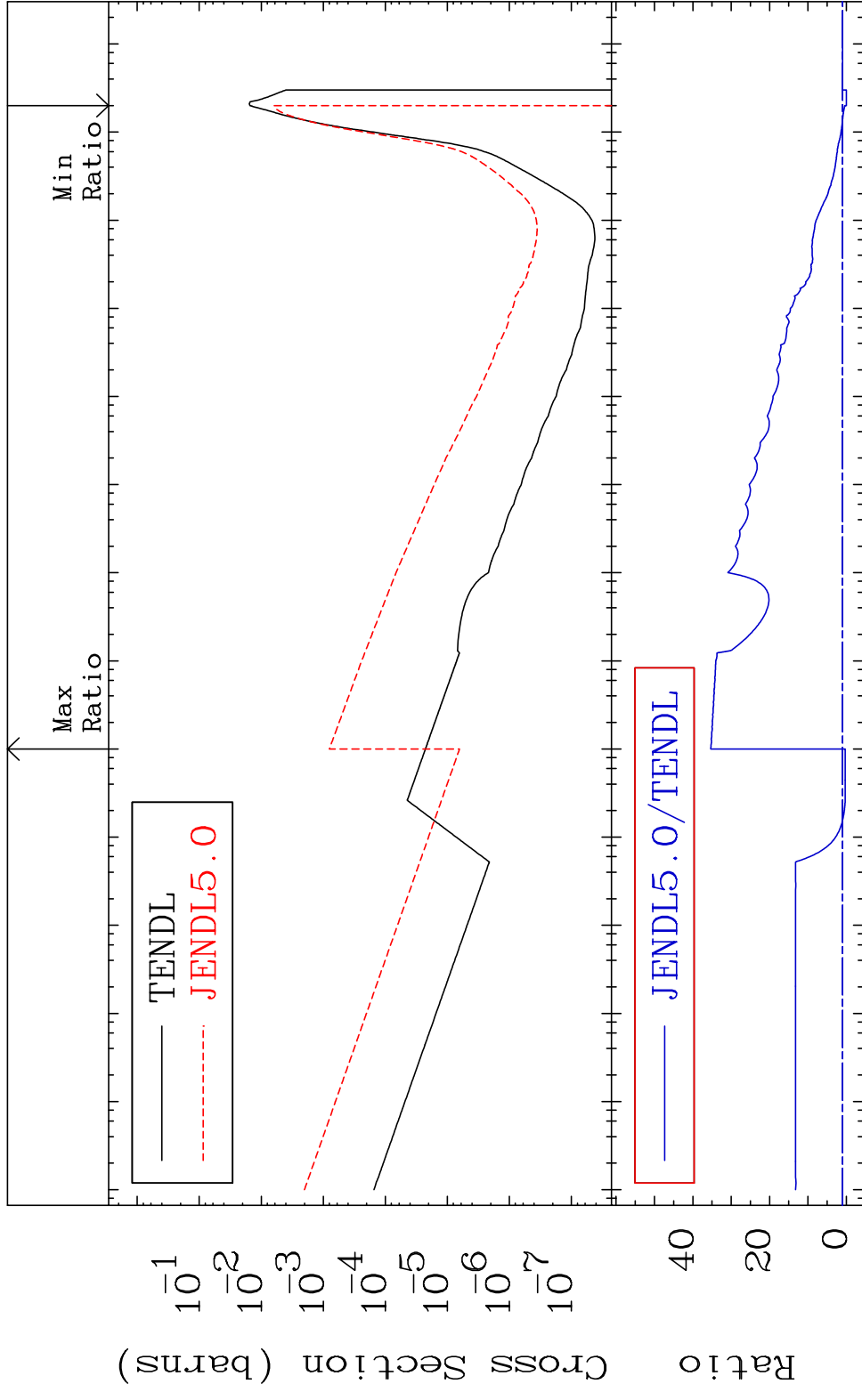
Cross Section -100.0 To 9999. %



MAT 7722

(n, α)
Cross Section -100.0 To 3434. %

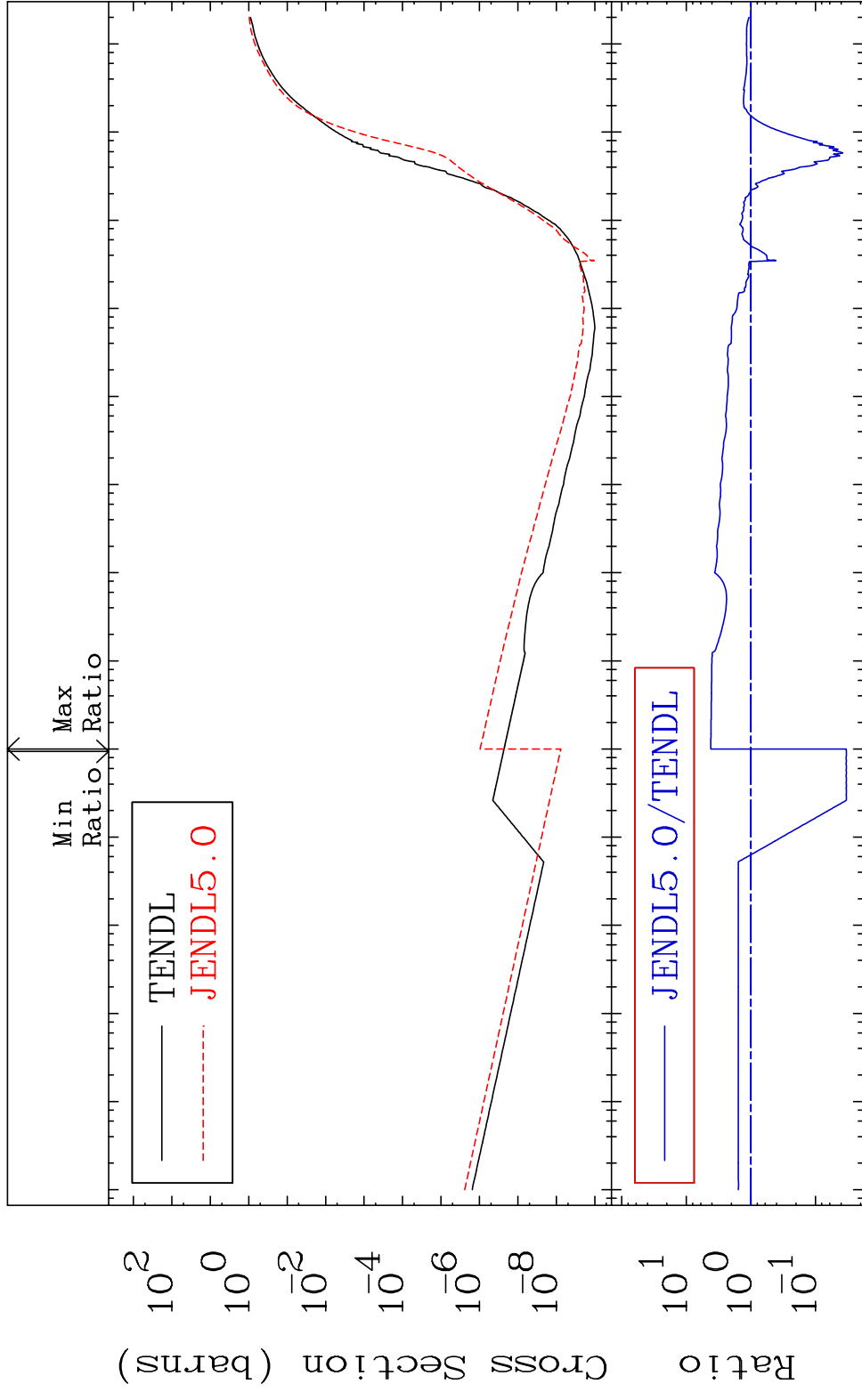
77-Ir-190



MAT 7722

Hydrogen Production
Cross Section -96.67 To 319.5 %

77-Ir-190

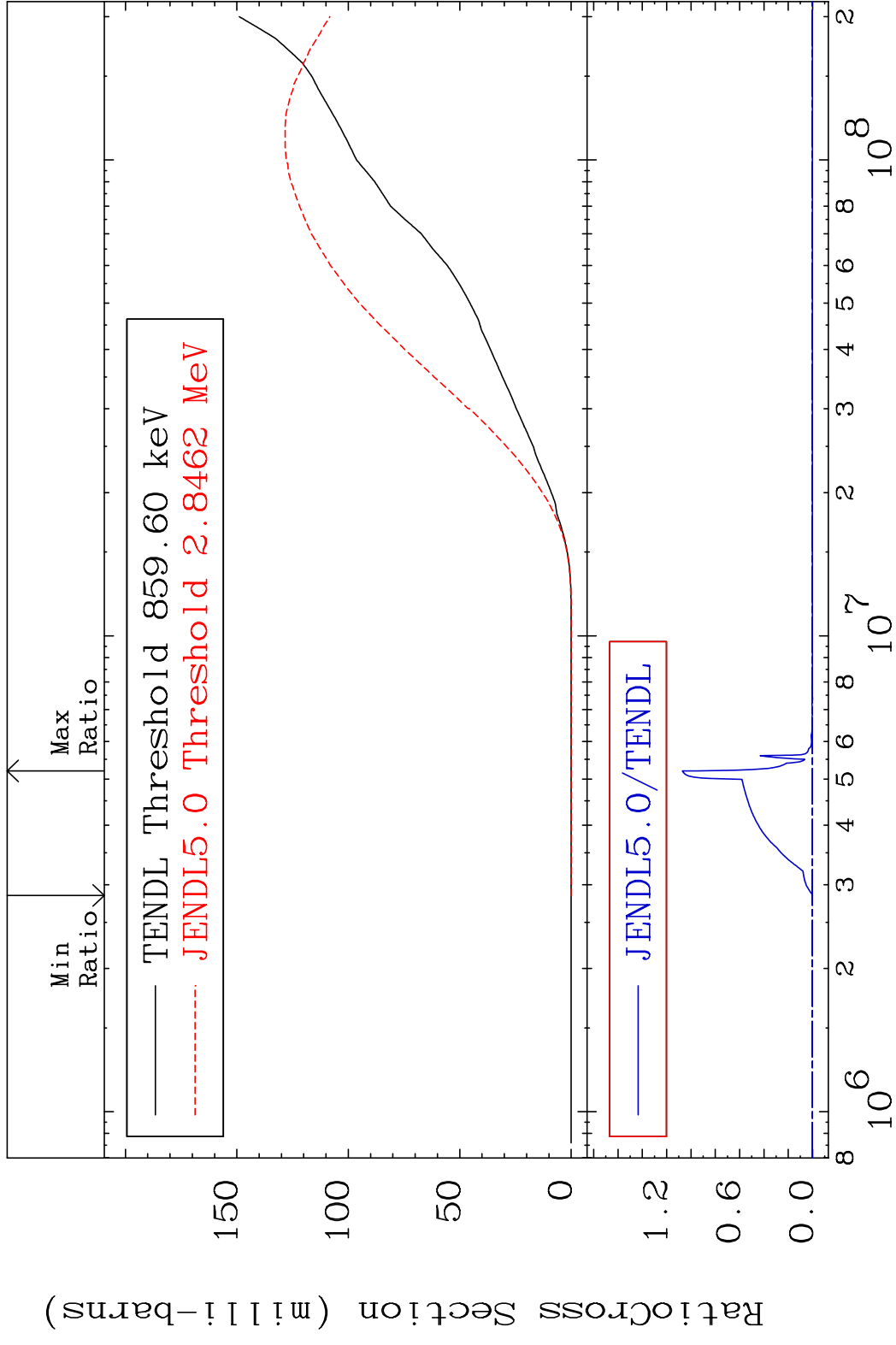


MAT 7722

Deuterium Production

77-Ir-190

Cross Section -100.0 To 9999. %



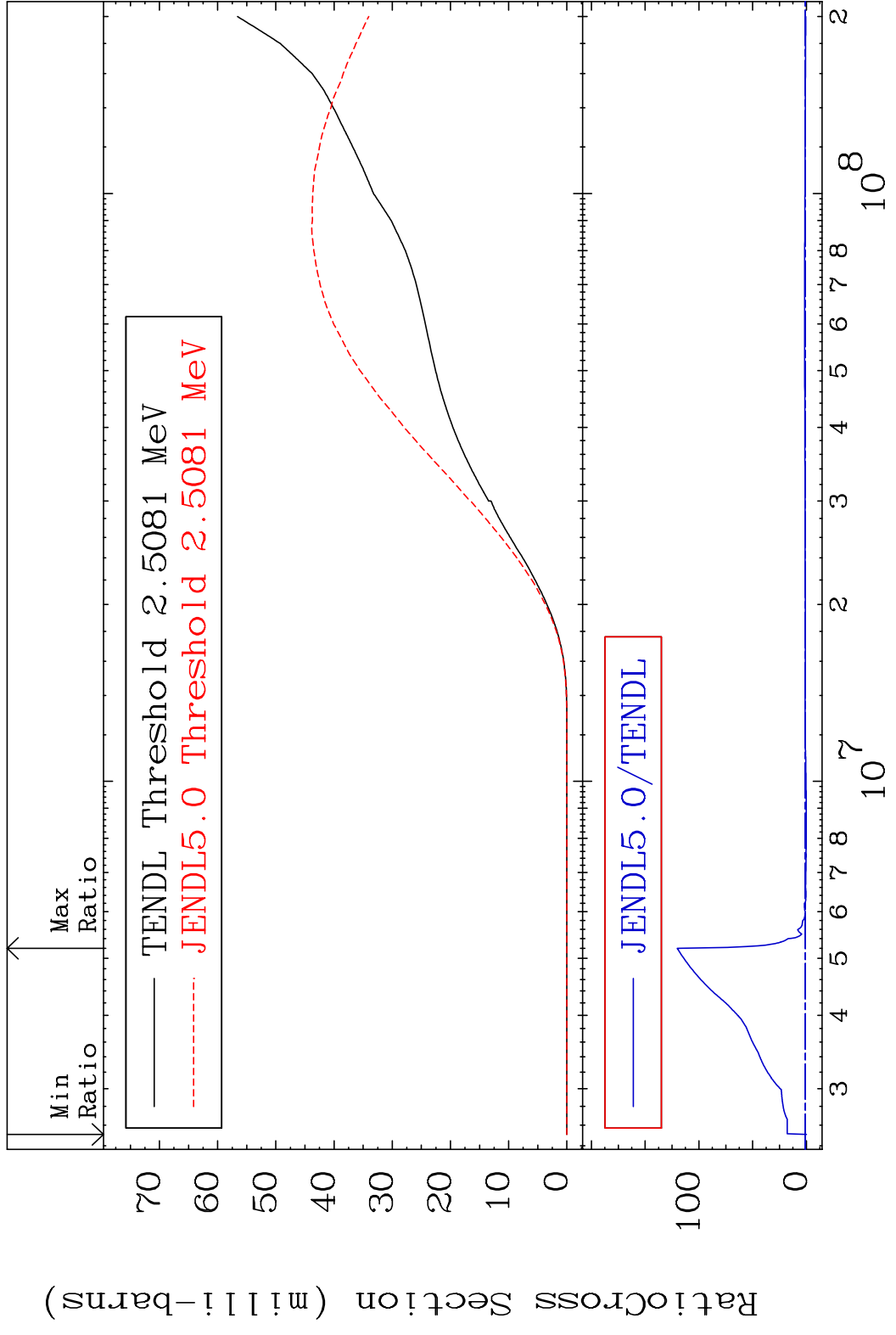
49

Incident Energy (eV)

77-Ir-190

MAT 7722

Tritium Production 77-Ir-190
Cross Section -100.0 To 9999. %

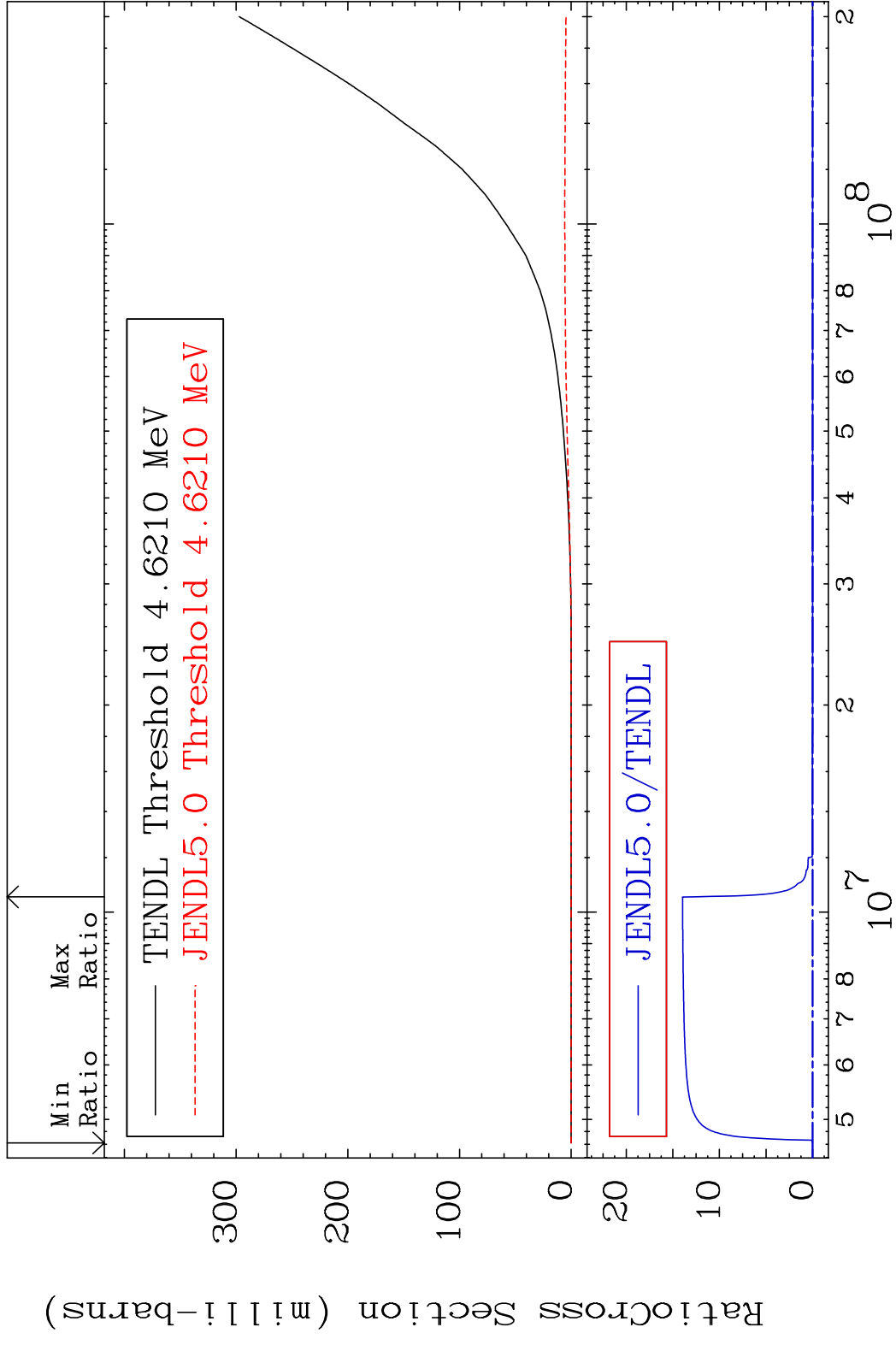


50

Incident Energy (eV)

77-Ir-190

Cross Section -100.0 To 9999. %

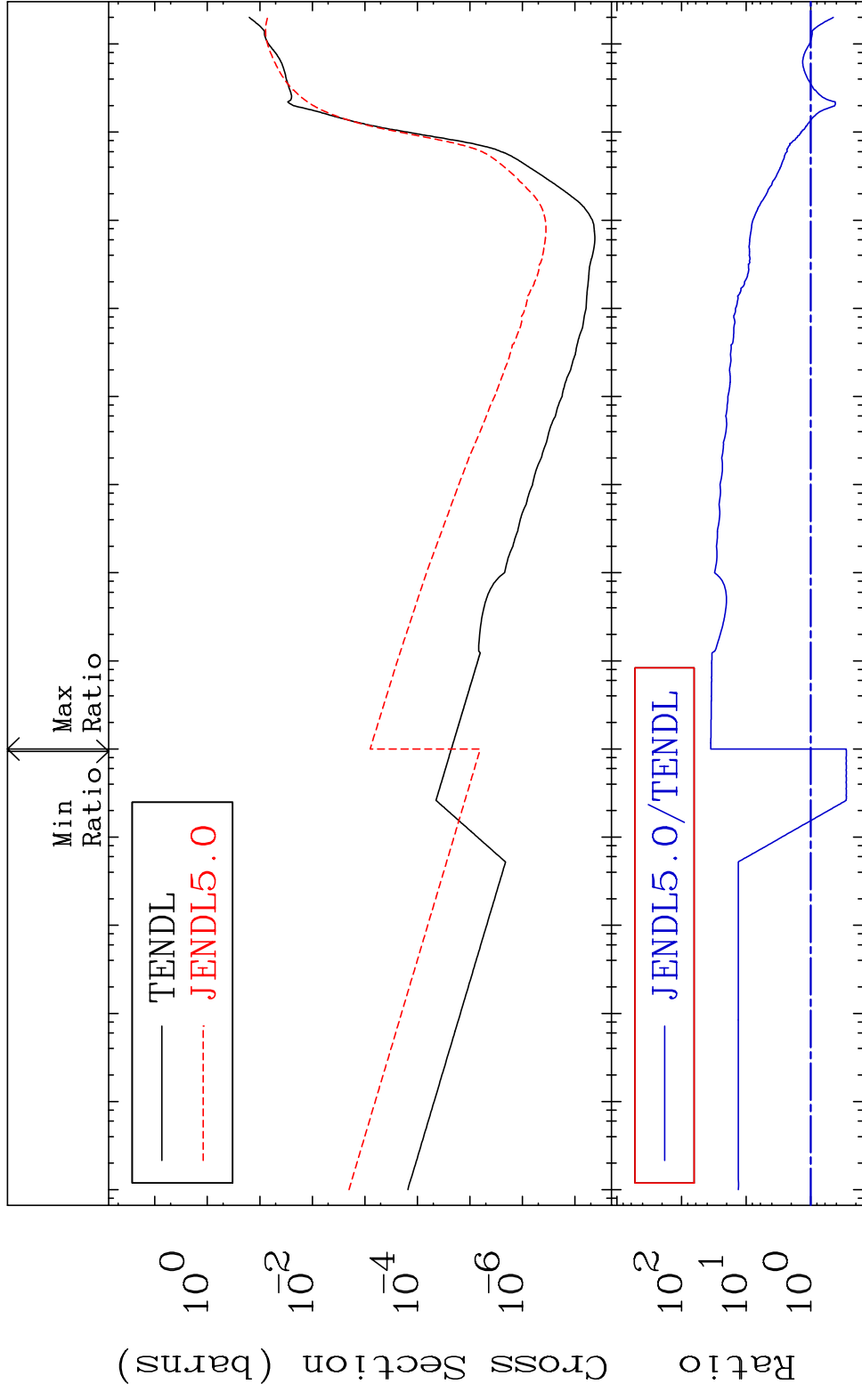


MAT 7722

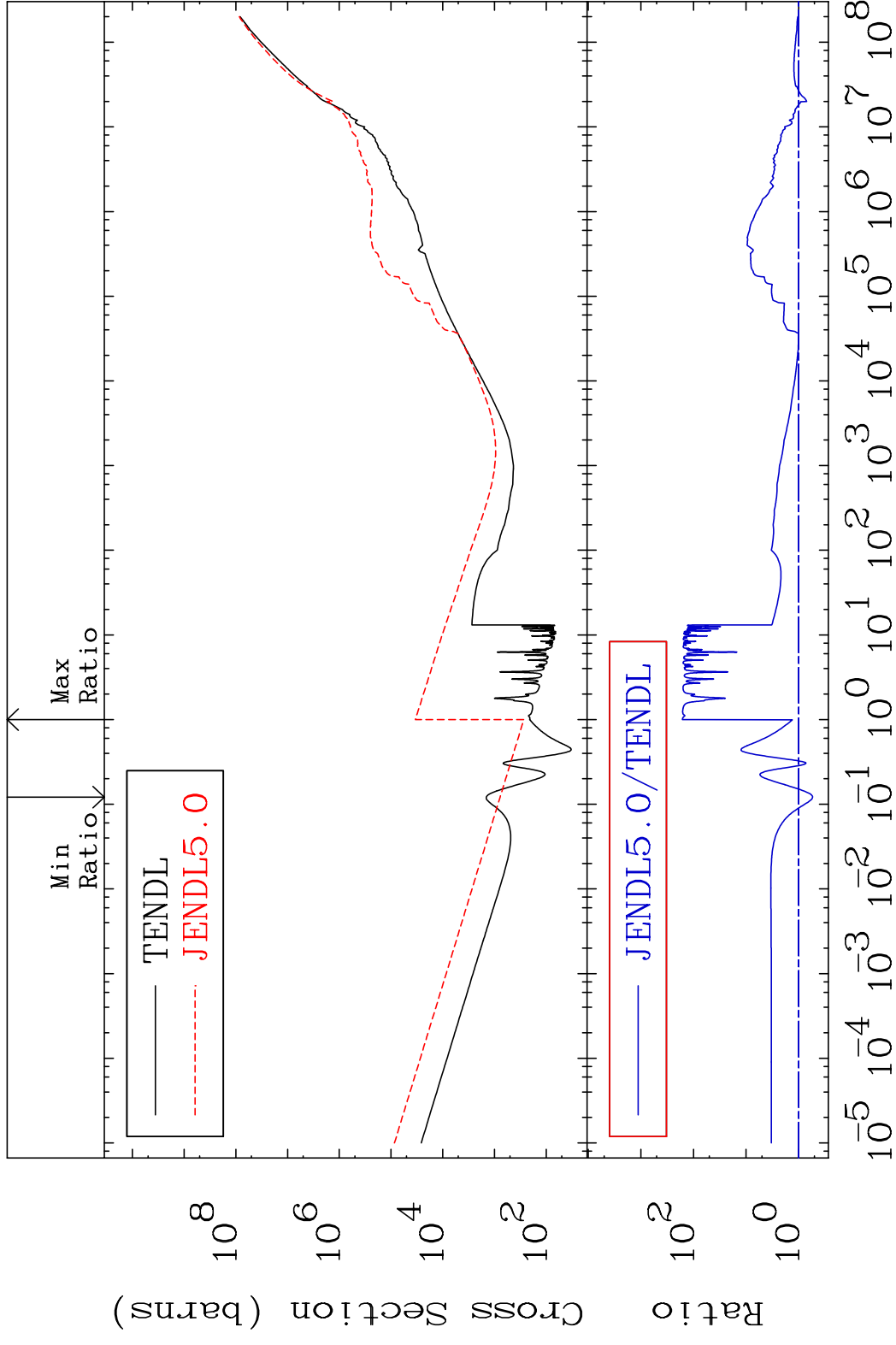
He-4 Production

77-Ir-190

Cross Section -71.92 To 3434. %

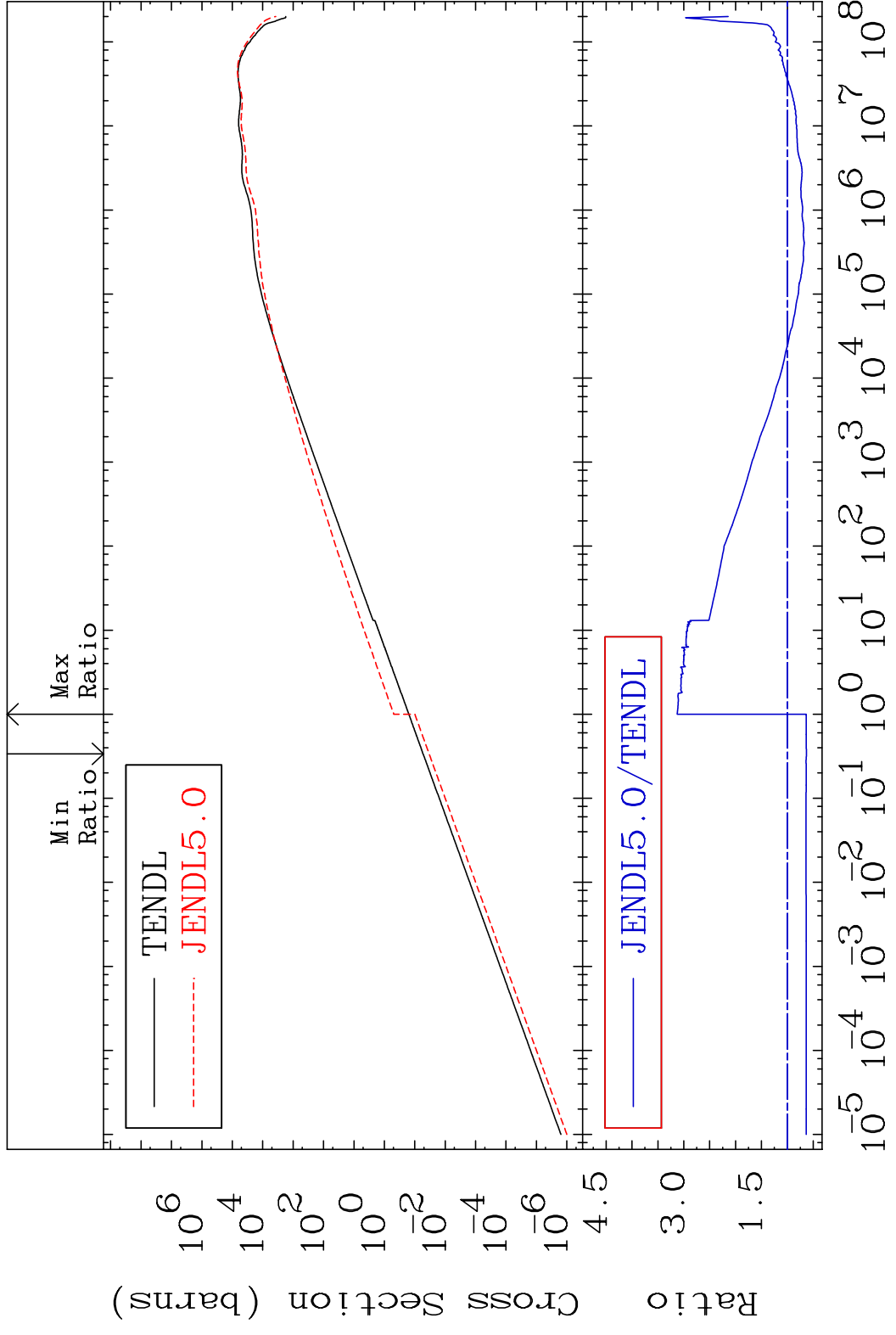


MAT 7722 Kerma total (eV-barns) 77-Ir-190
 Cross Section -45.68 To 9999. %

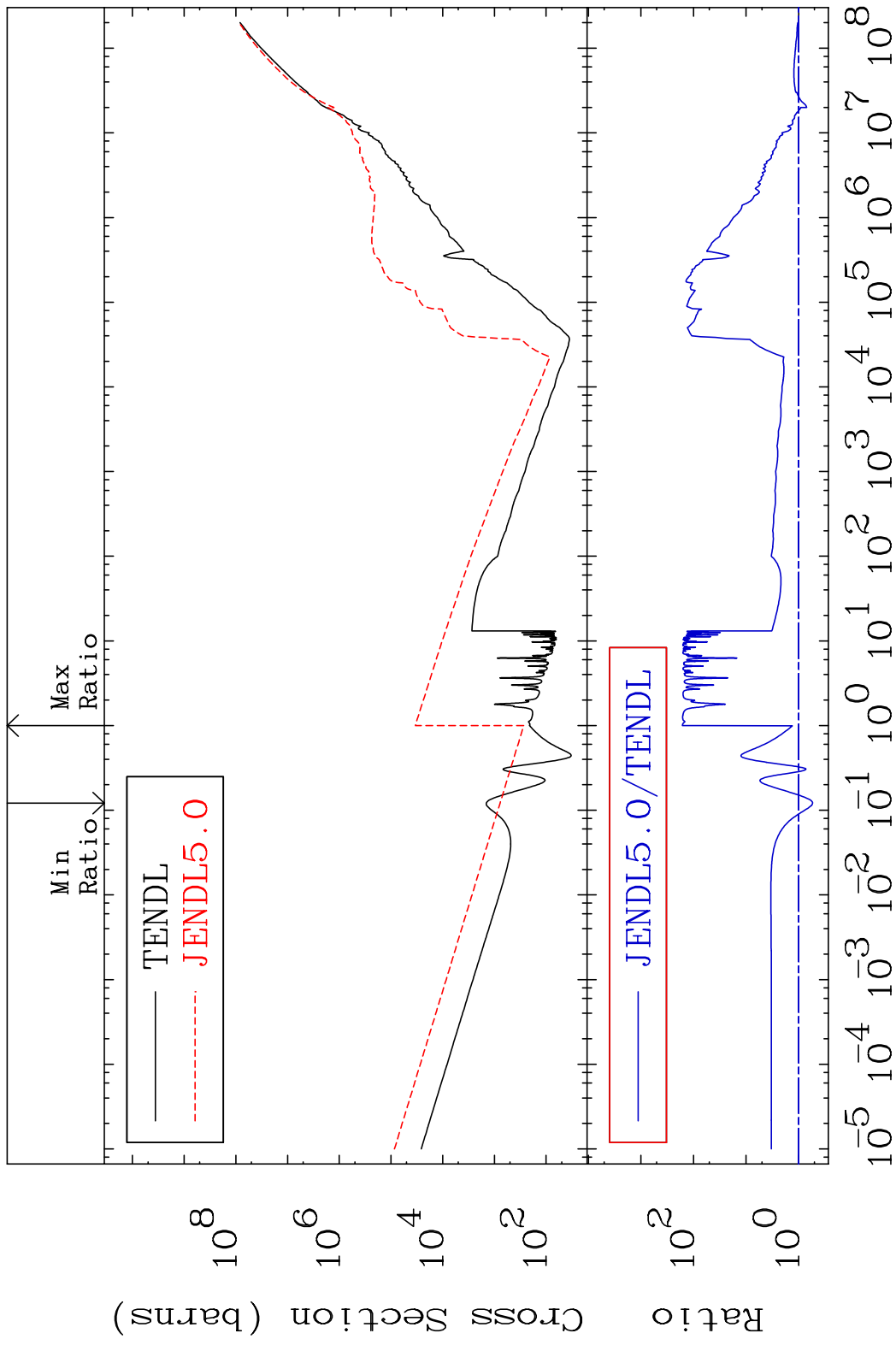


MAT 7722

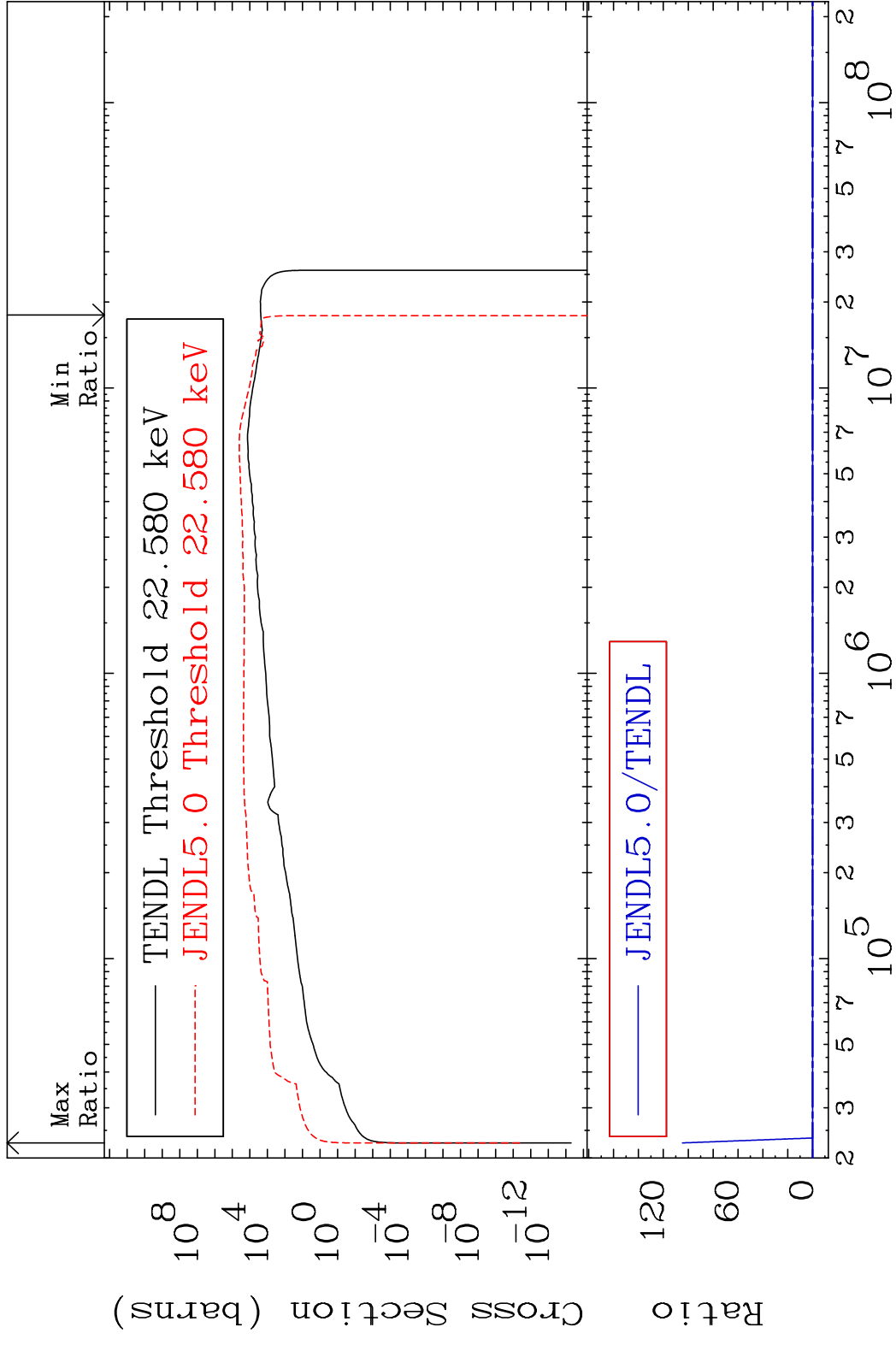
Kerma elastic 77-Ir-190
Cross Section -36.79 To 212.7 %



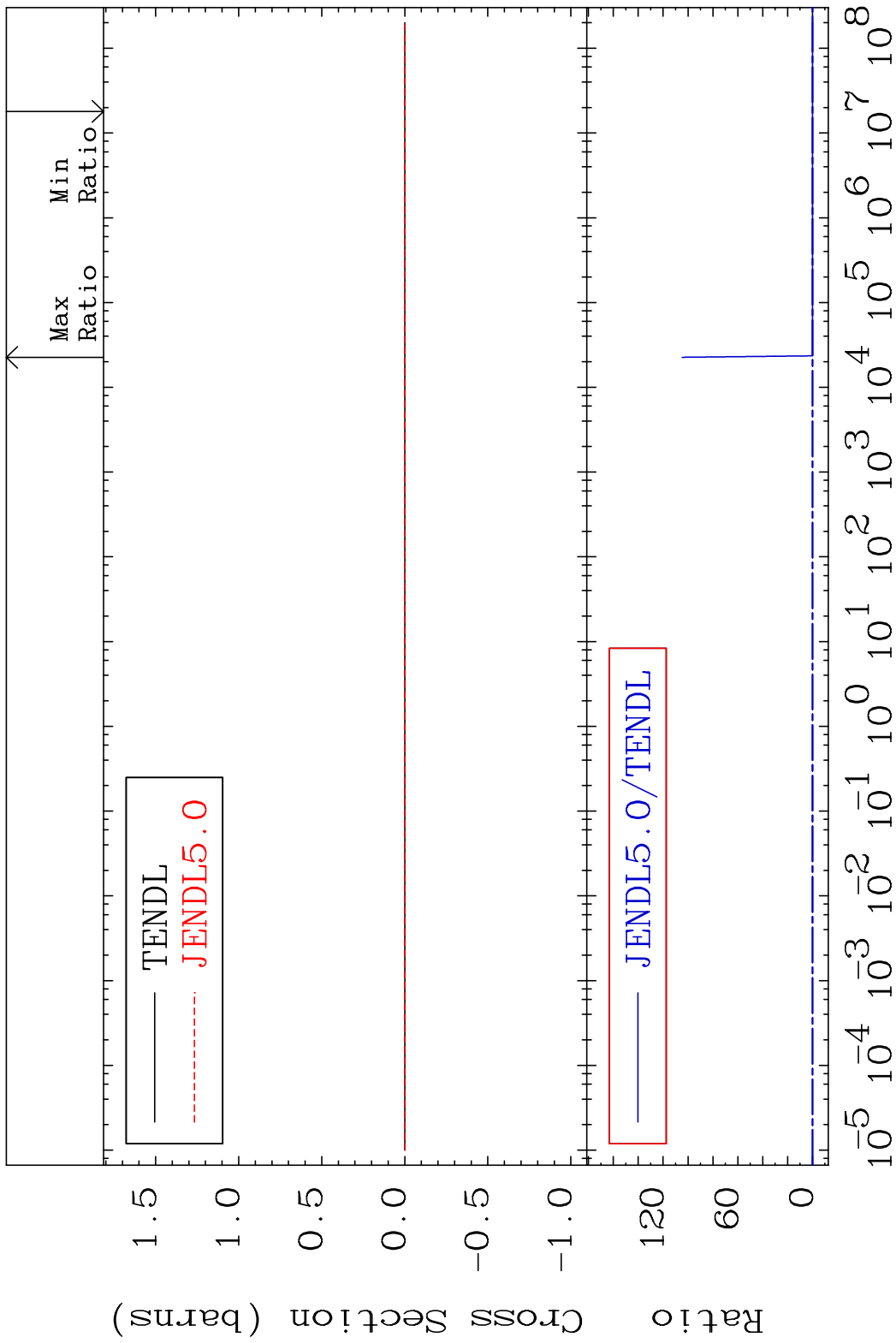
MAT 7722 Kerma non-elastic (all but mt2) 77-Ir-190
 Cross Section -45.68 To 9999. %



MAT 7722 Kerma inelastic (mt51-91) 77-Ir-190
 Cross Section -116.8 To 9999. %



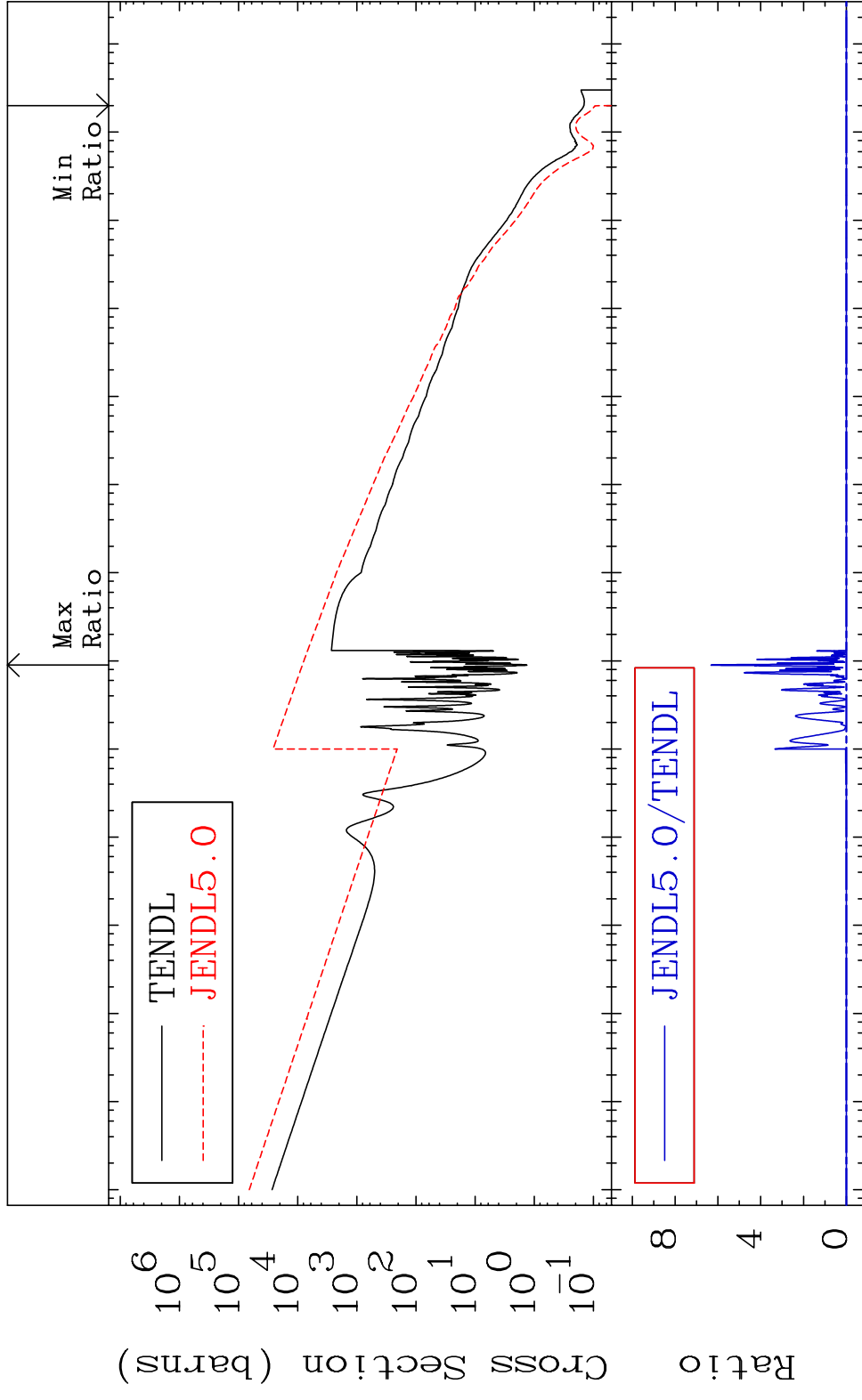
MAT 7722 Kerma fission (mt18 or mt19-20-21-38)77-Ir-190
 Cross Section -116.8 To 9999. %



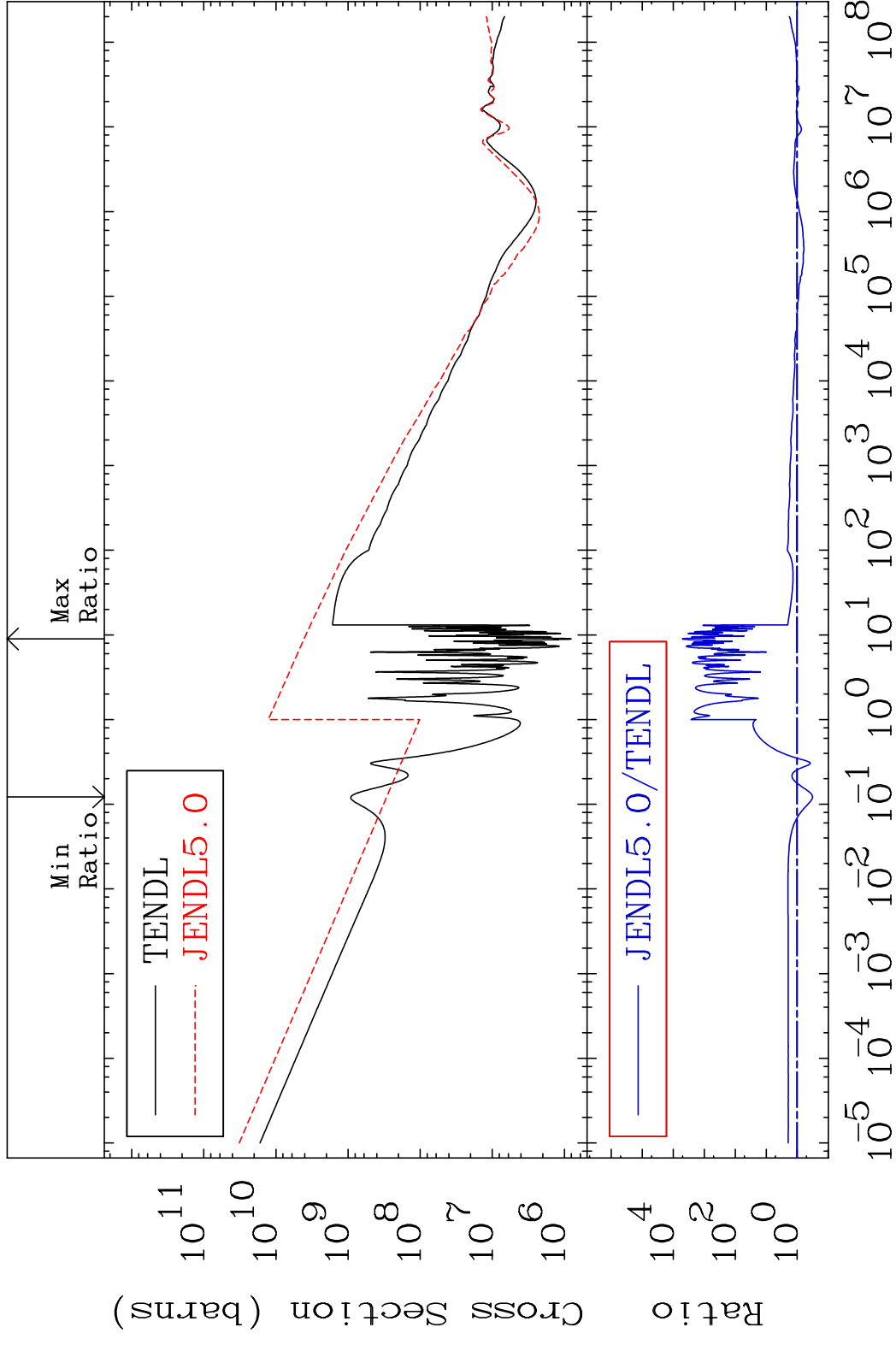
MAT 7722

Kerma capture (mt102) 77-Ir-190

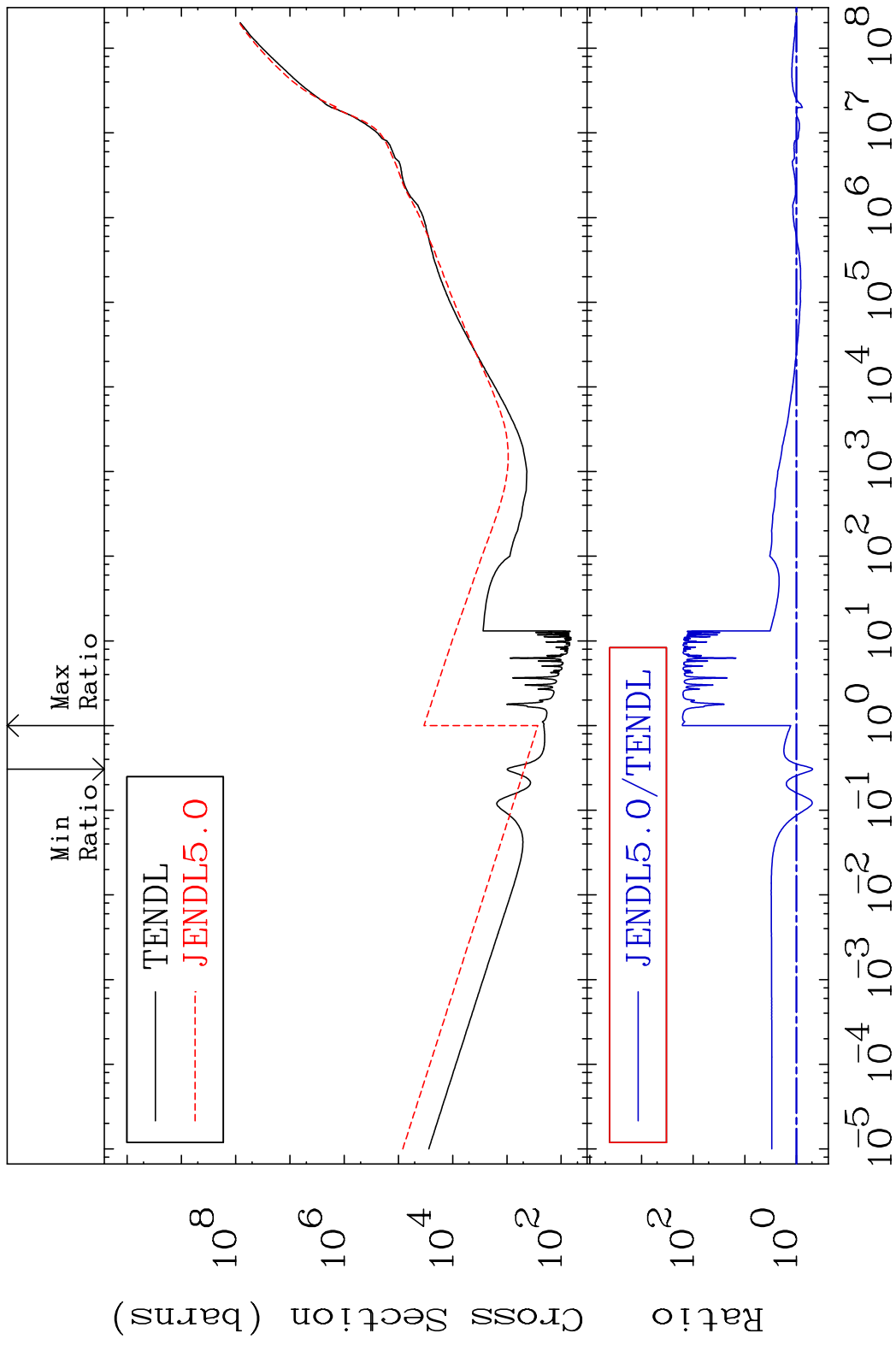
Cross Section -100.0 To 9999. %



MAT 7722 Total photon (eV-barns) 77-Ir-190
 Cross Section -68.01 To 9999. %



MAT 7722 Total kinematic kerma (high limit) 77-Ir-190
 Cross Section -51.21 To 9999. %



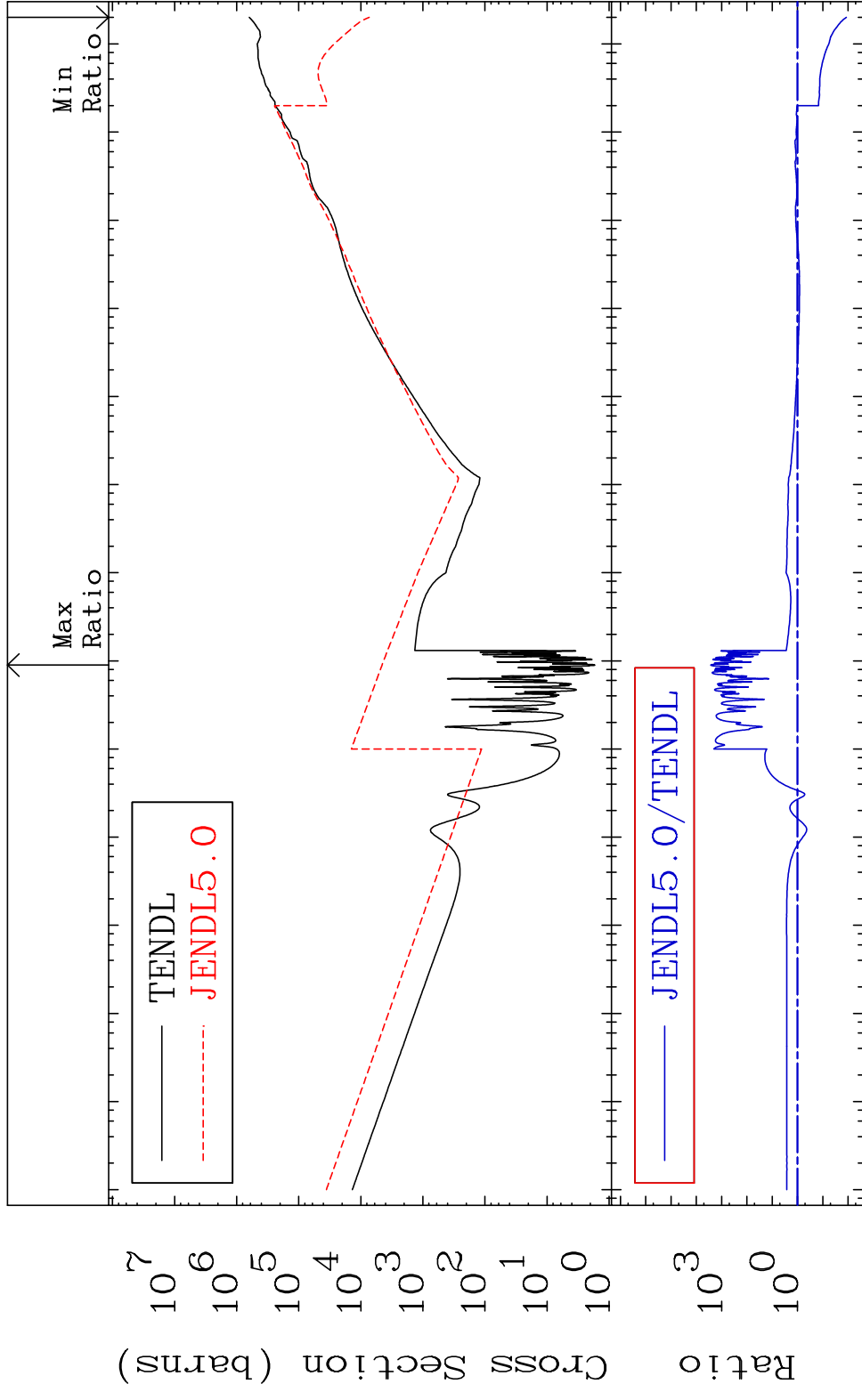
60 77-Ir-190

MAT 7722

Dpa total (eV-barns)

77-Ir-190

Cross Section -98.83 To 9999. %



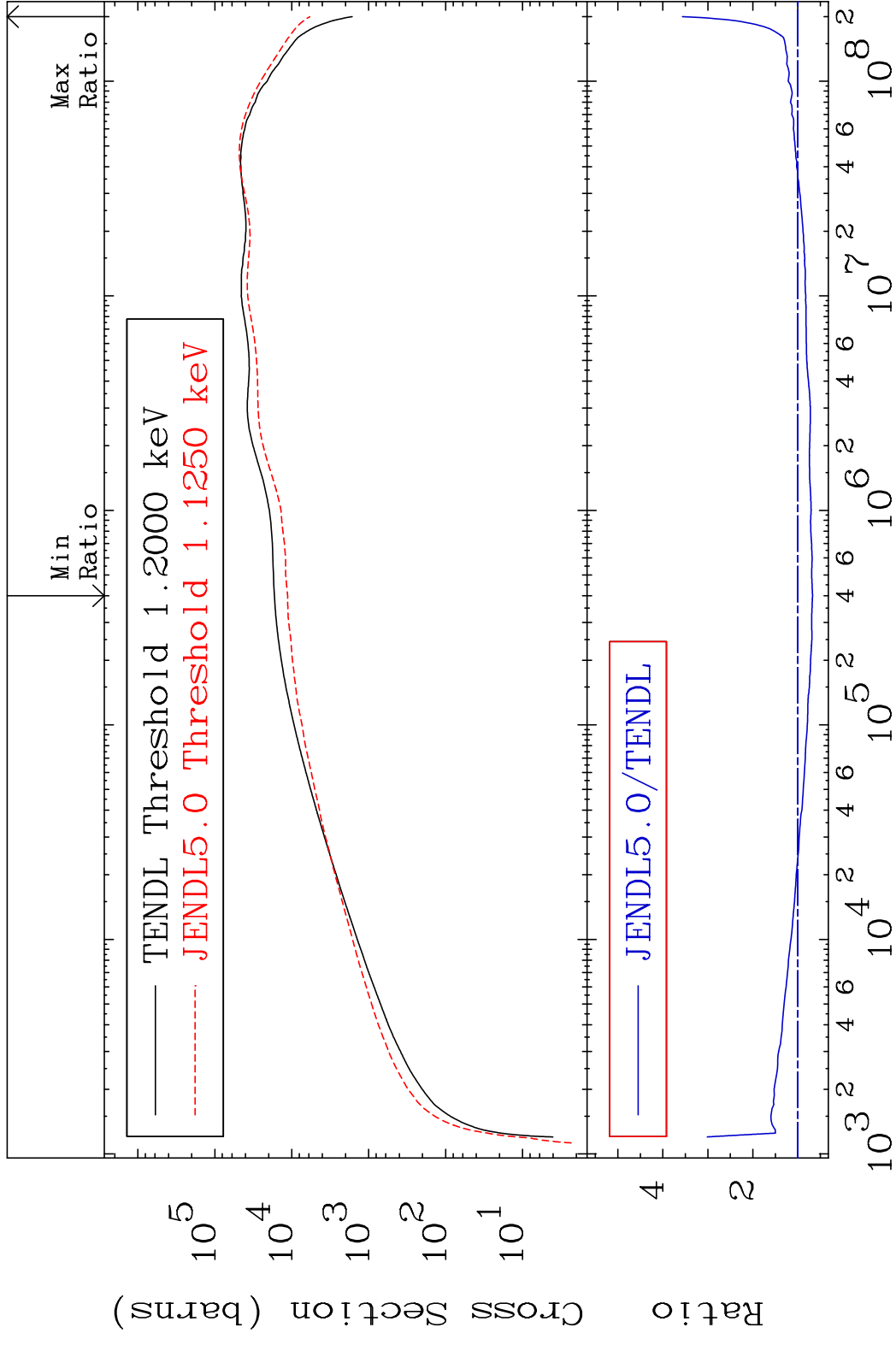
MAT 7722

Dpa elastic (mt2)

77-Ir-190

Cross Section

-32.64 To 256.7 %

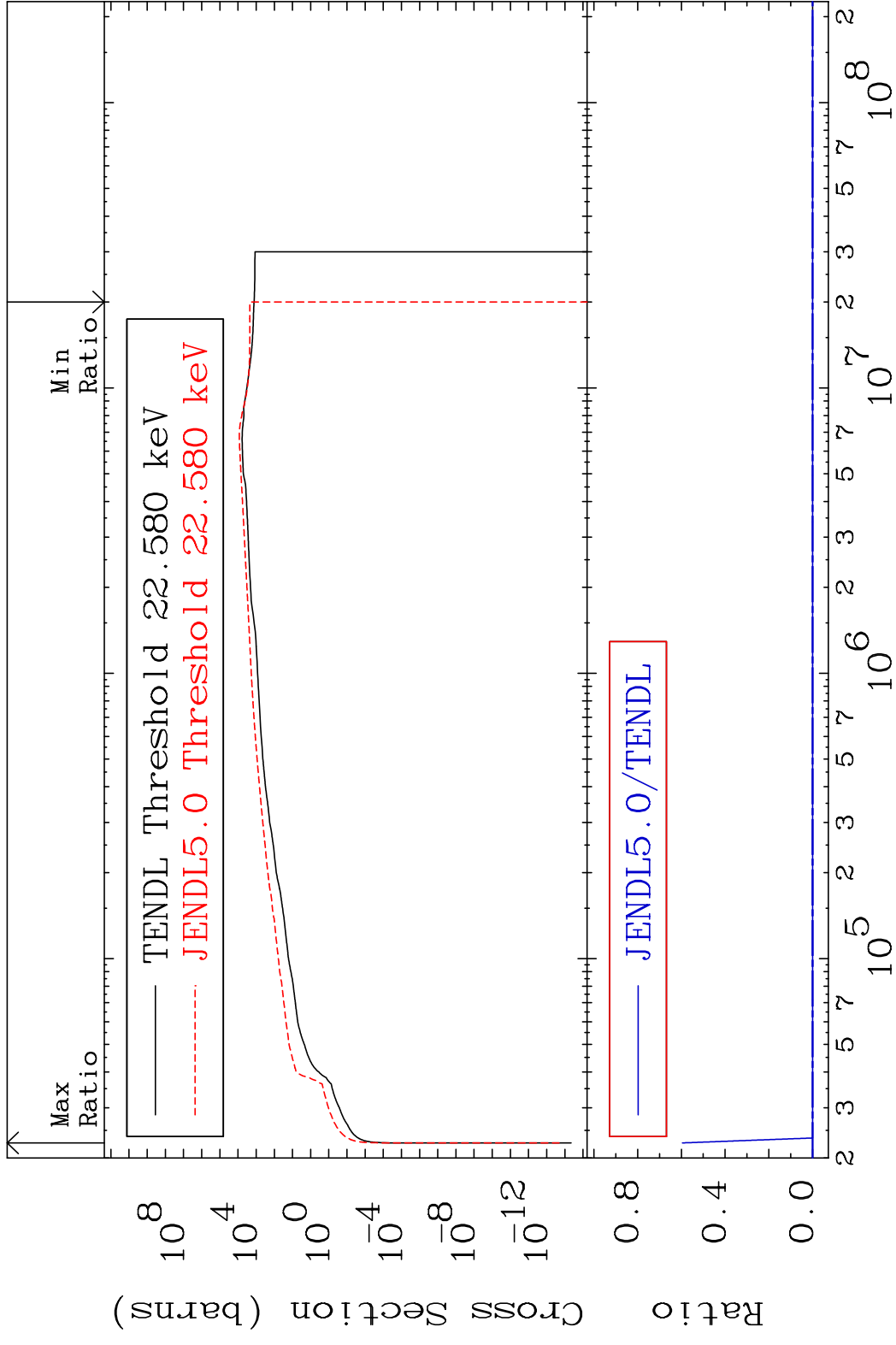


62

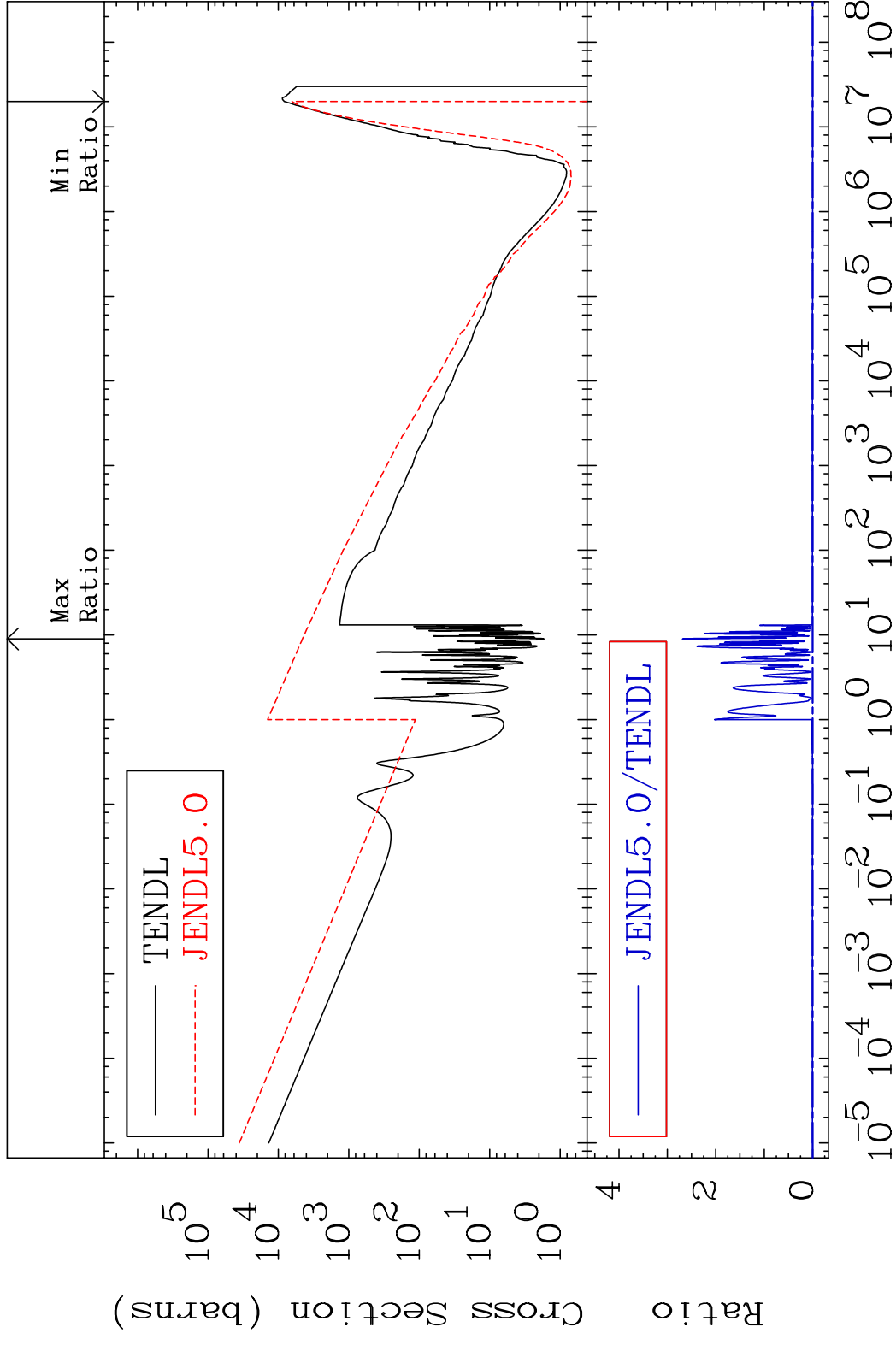
Incident Energy (eV)

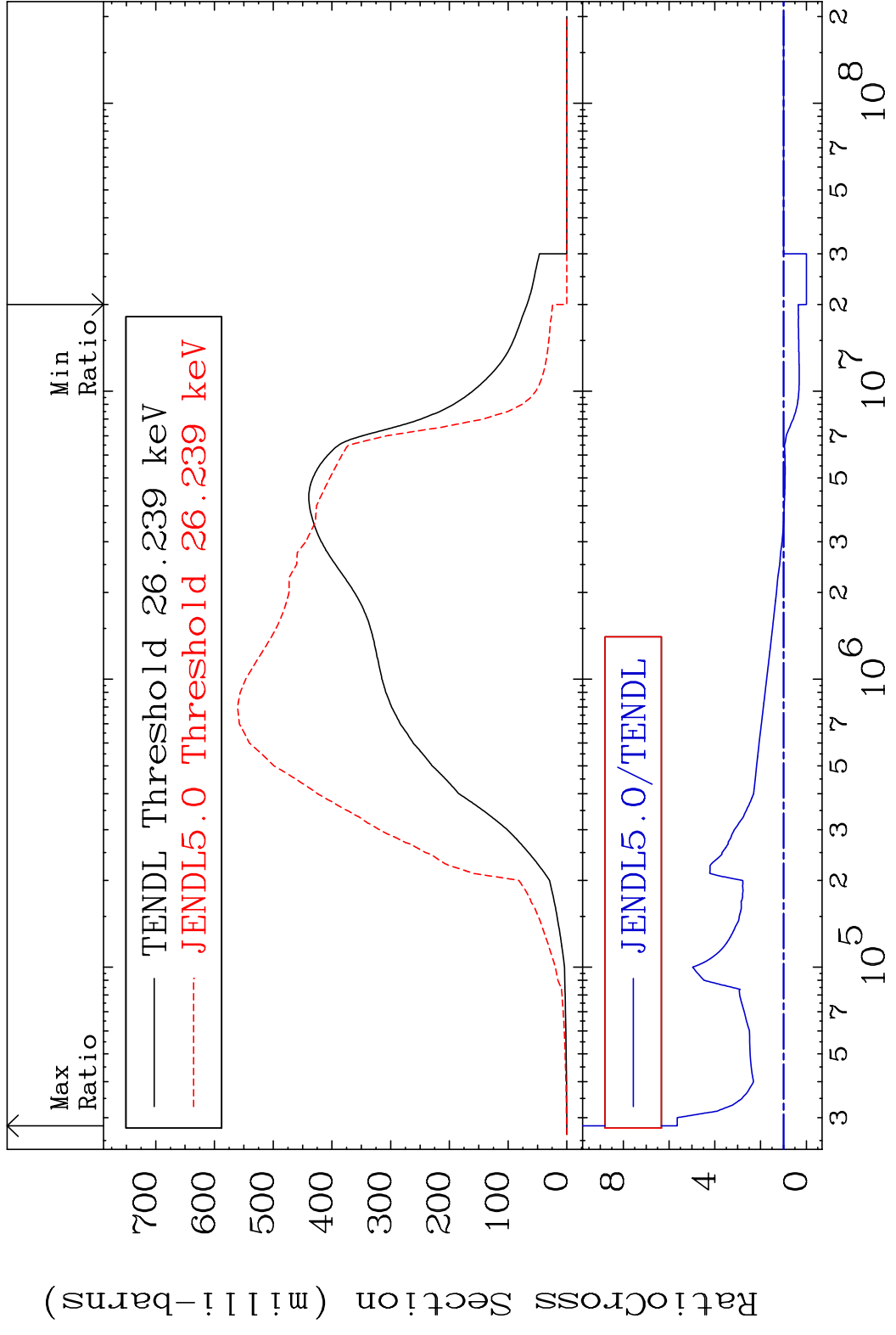
77-Ir-190

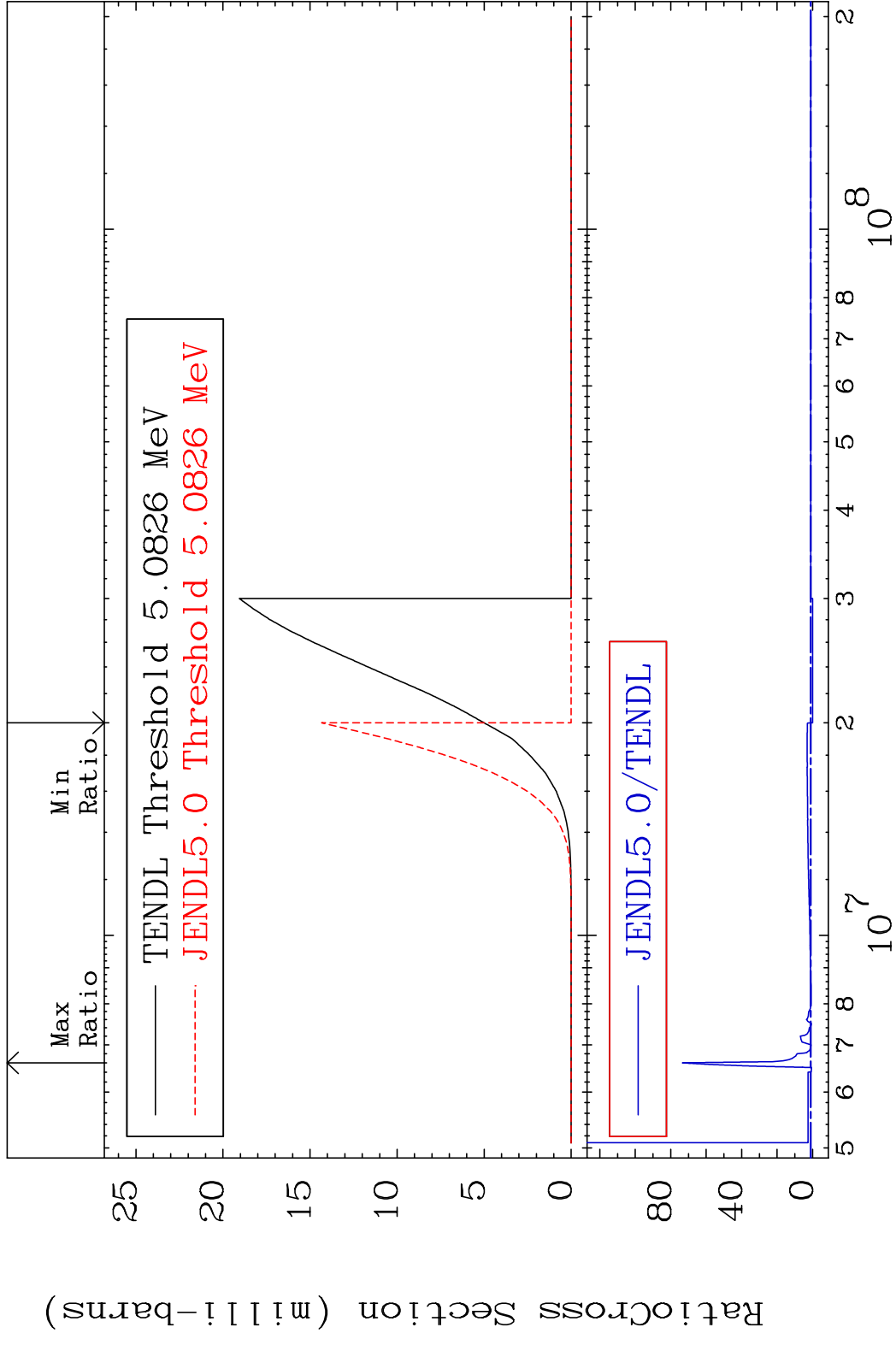
MAT 7722 Dpa inelastic (mt51-91) 77-Ir-190
 Cross Section -100.0 To 9999. %

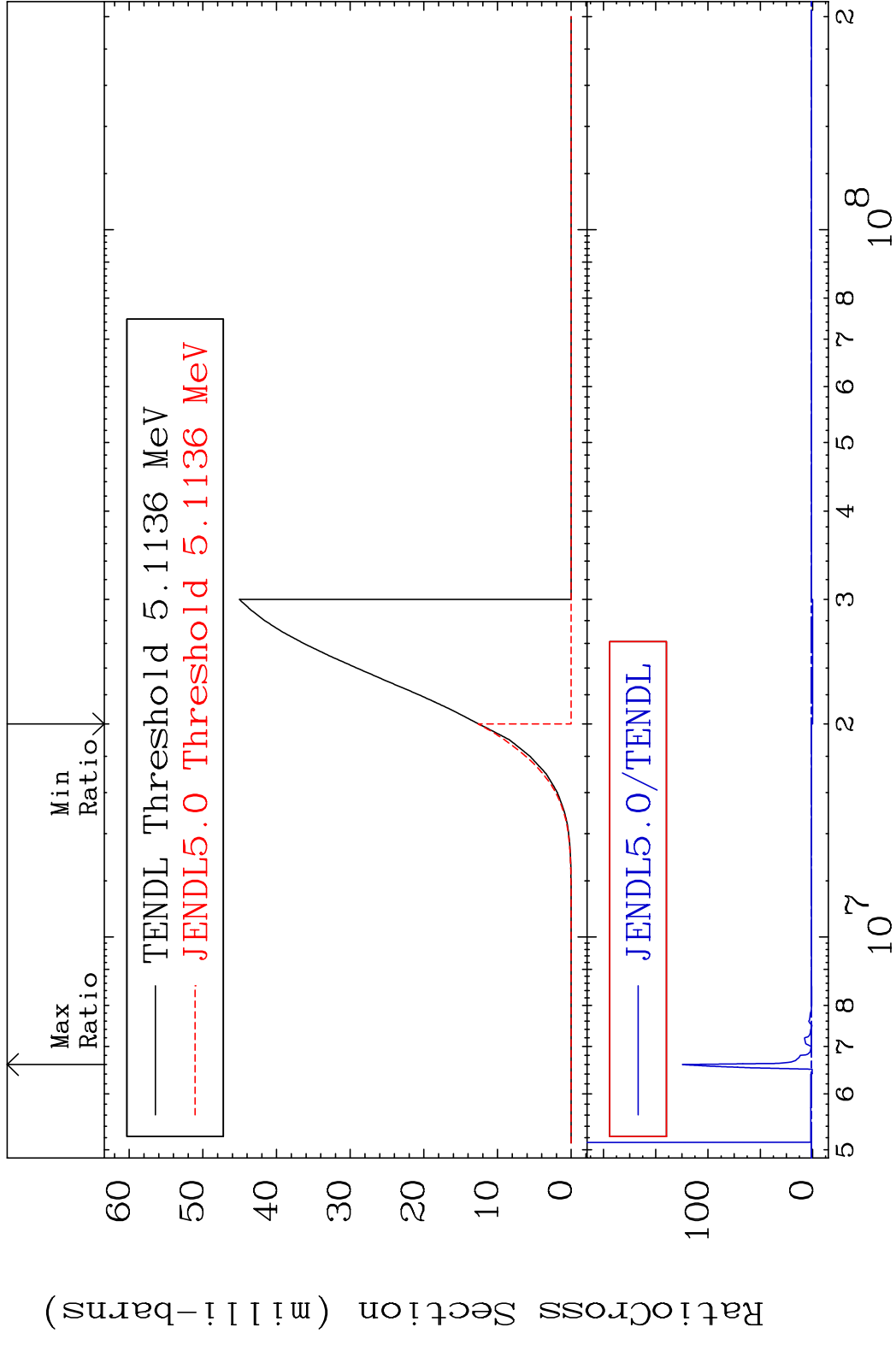


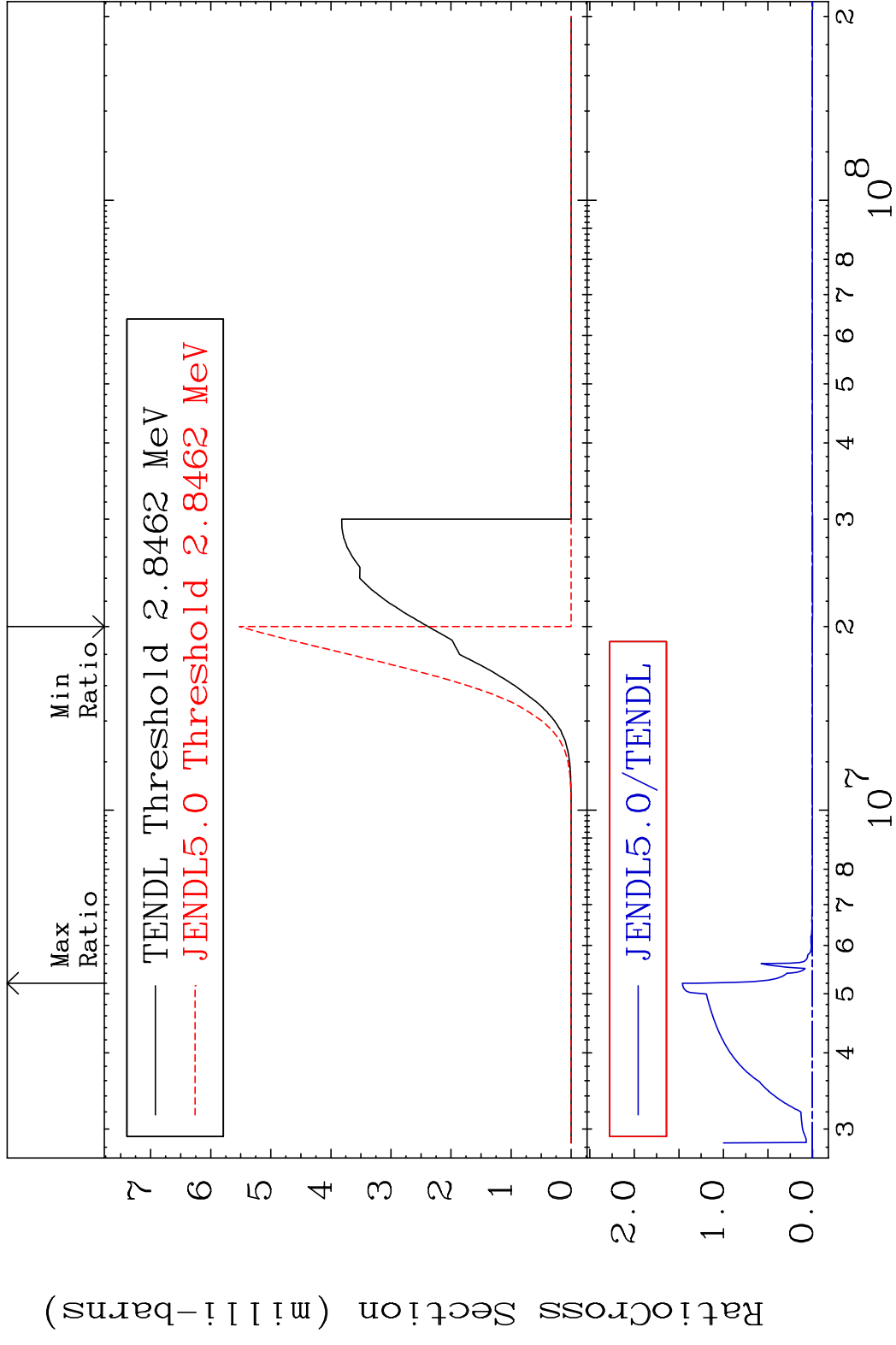
MAT 7722 Dpa disappearance (mt102 -120) 77-Ir-190
 Cross Section -100.0 To 9999. %

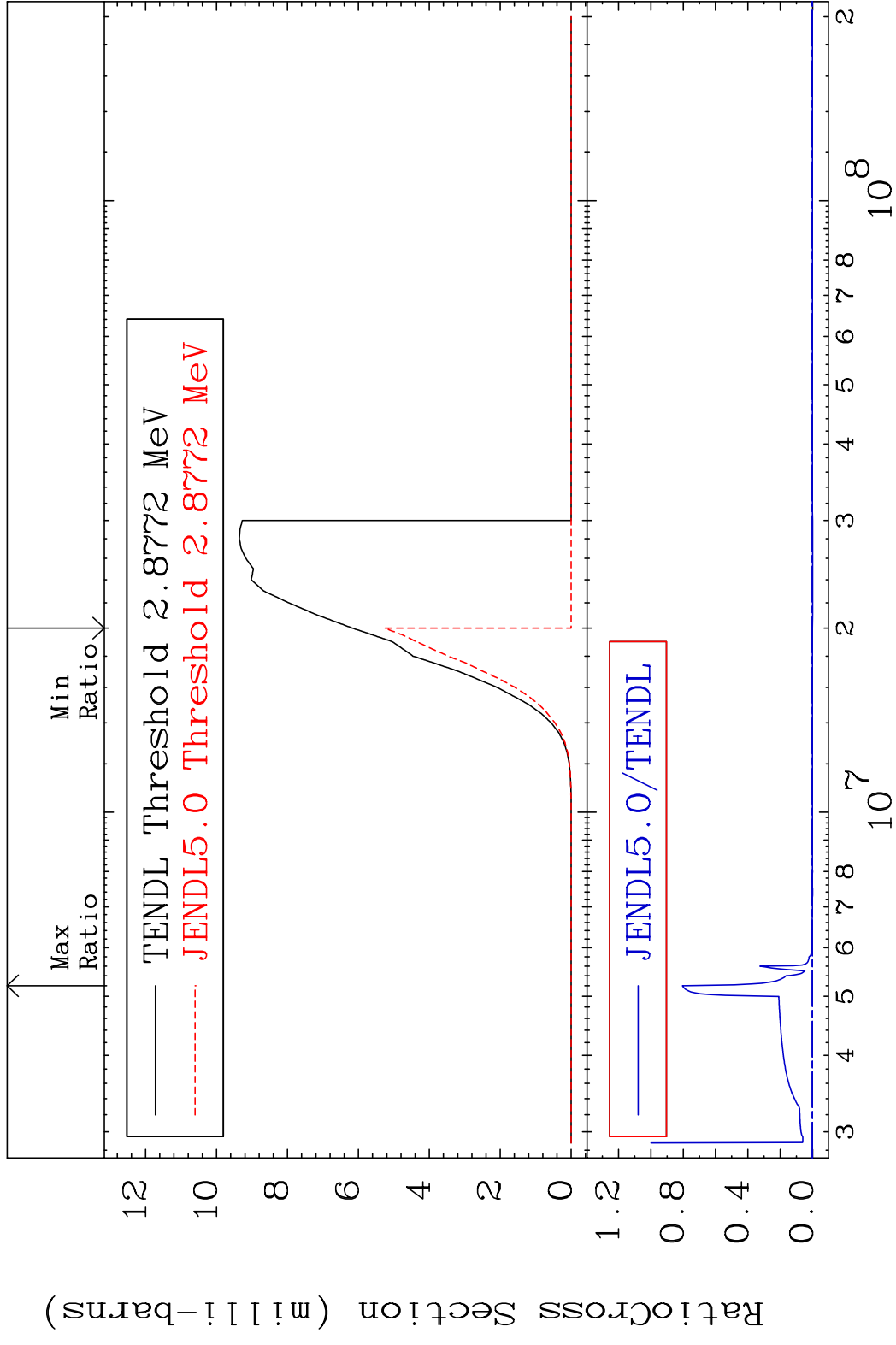


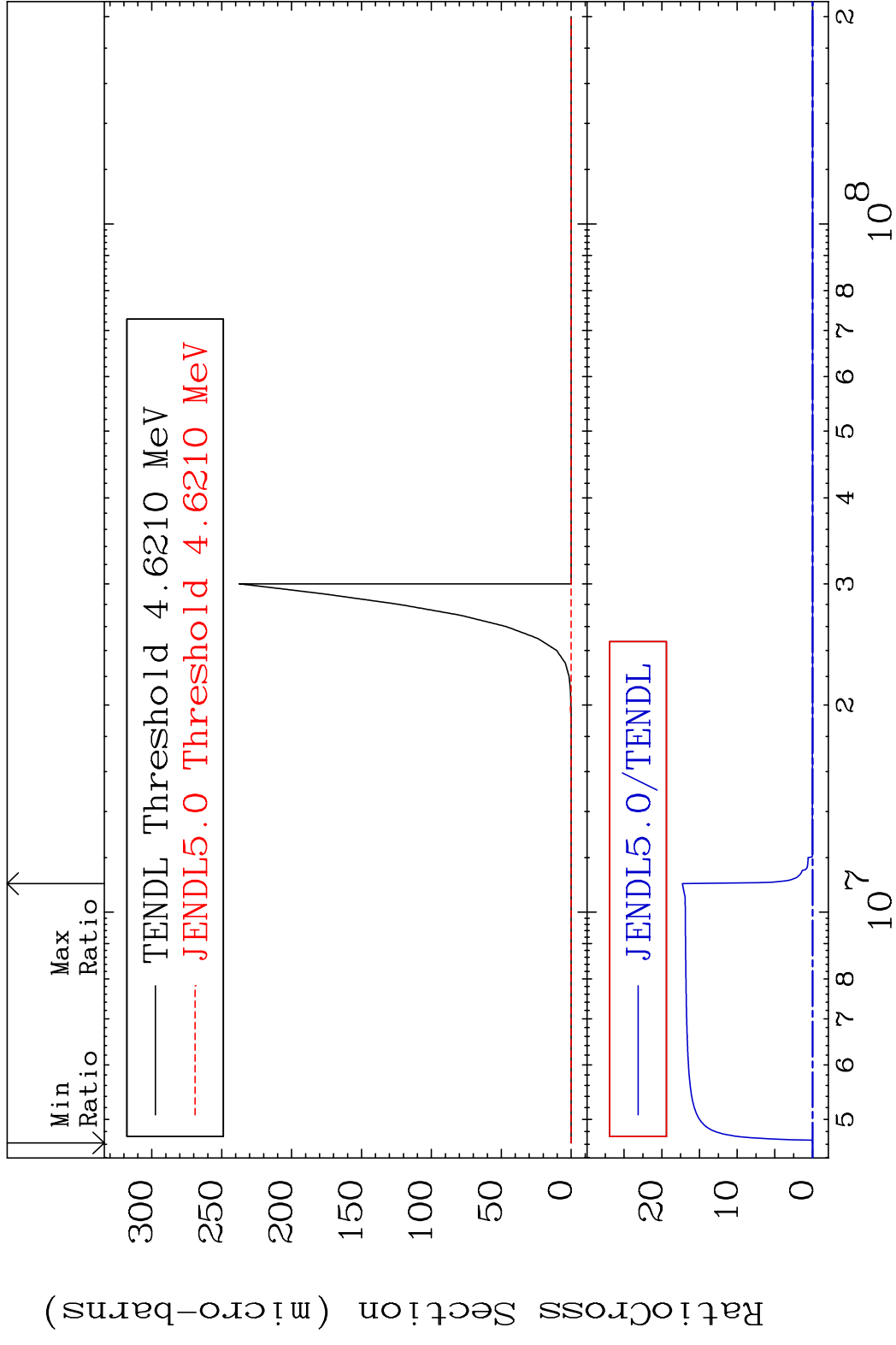






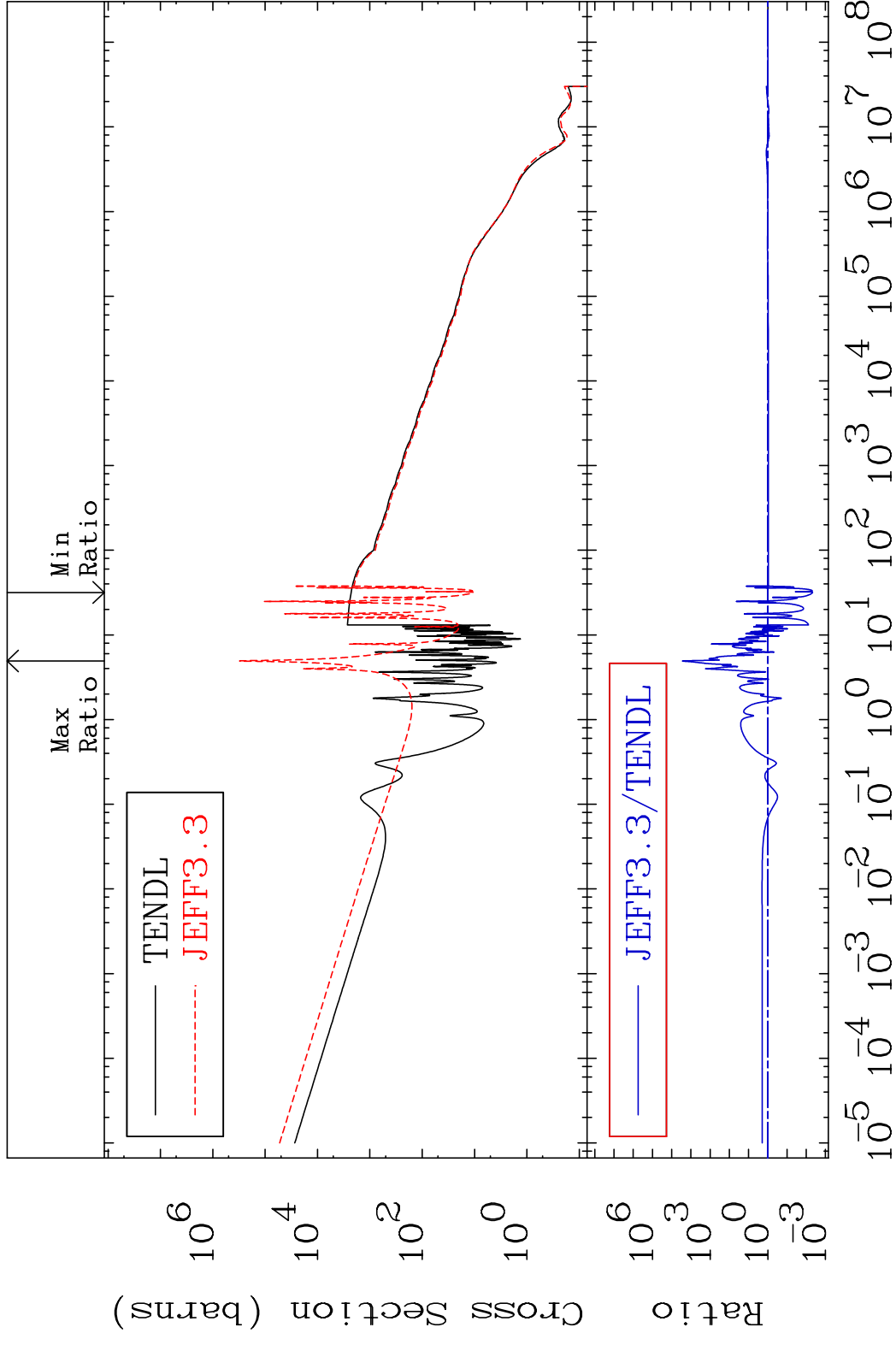




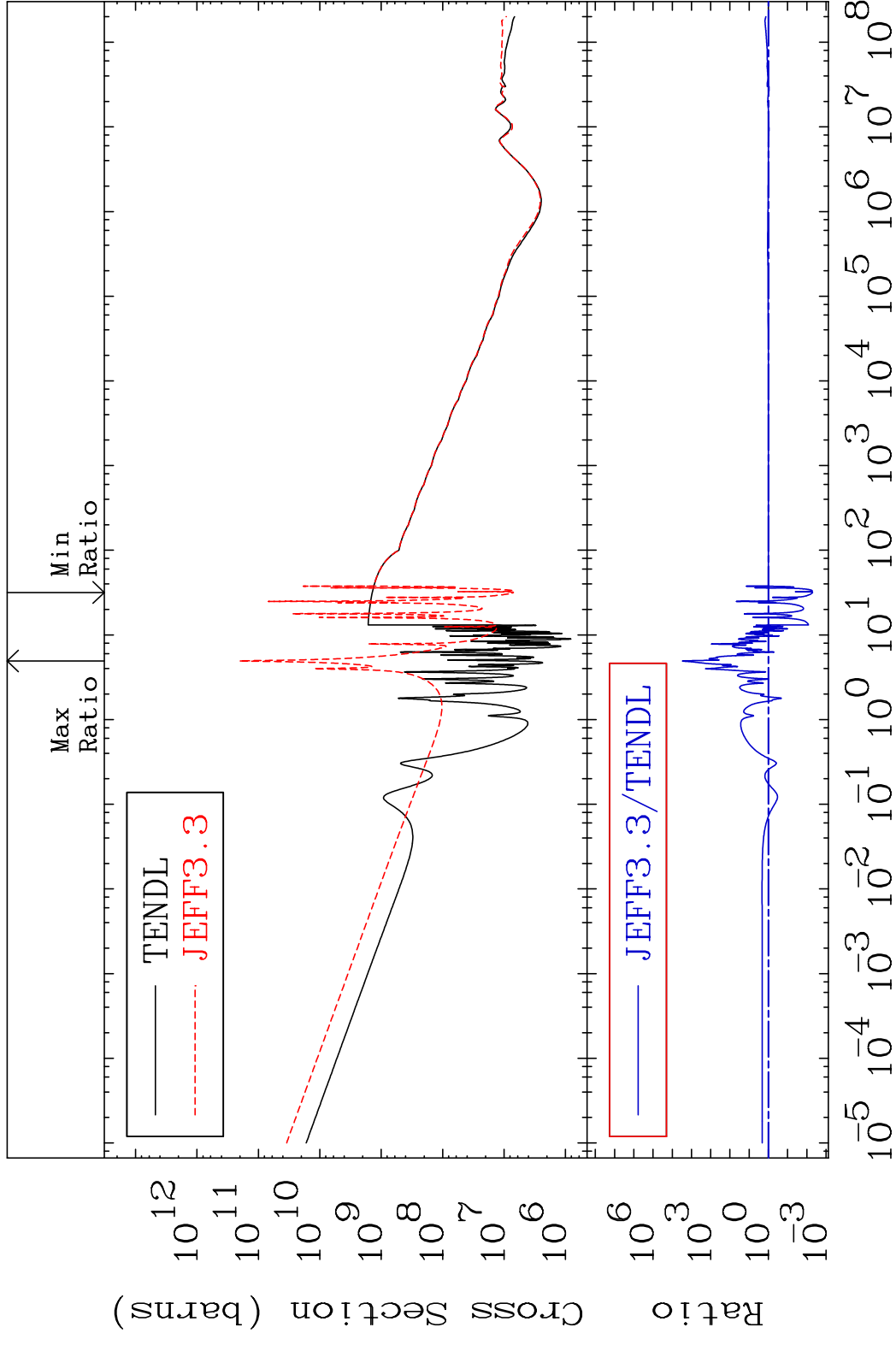


MAT 7722

Kerma capture (mt102) 77-Ir-190
Cross Section -99.53 To 9999. %

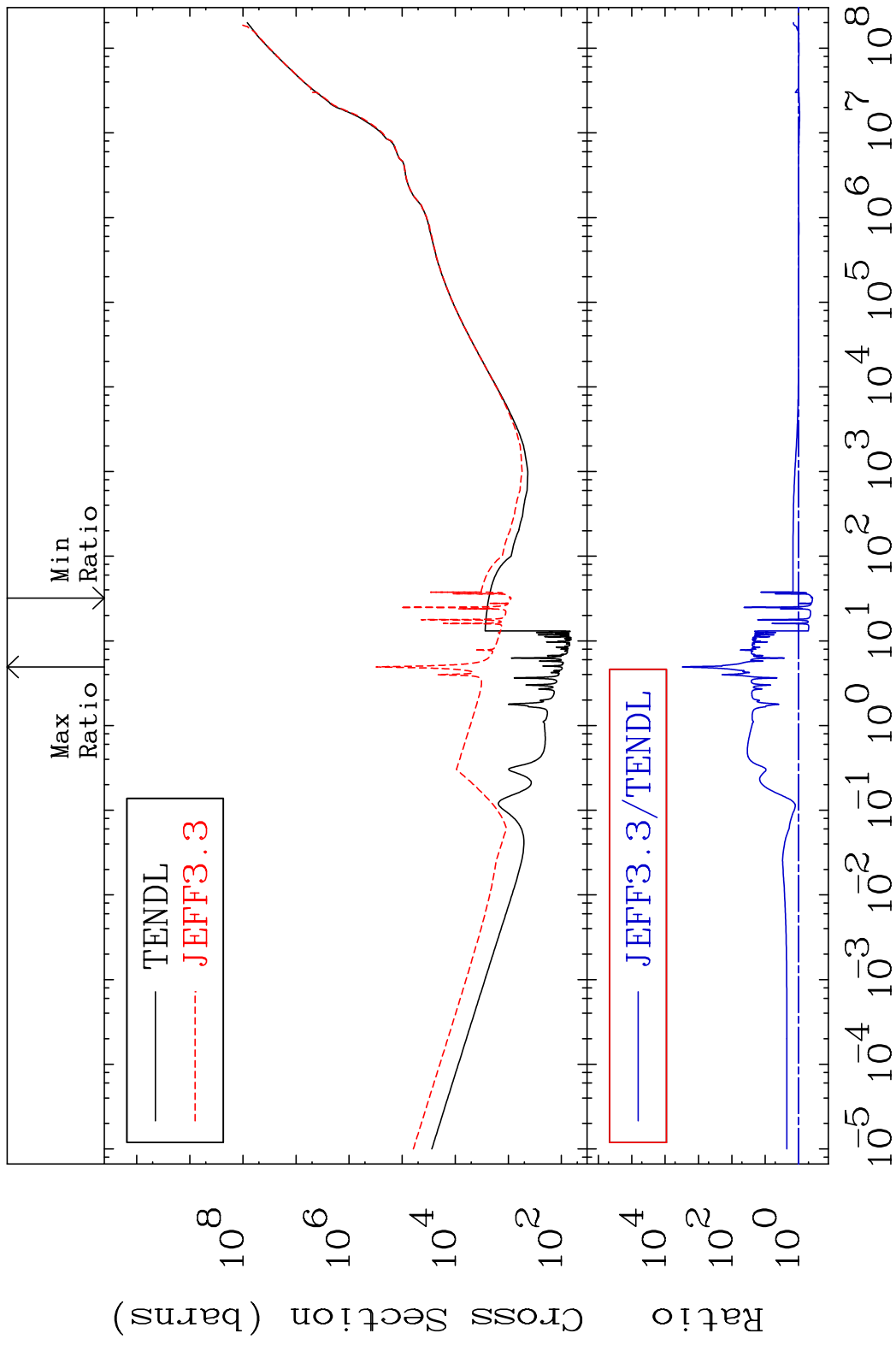


MAT 7722 Total photon (eV-barns) 77-Ir-190
 Cross Section -99.50 To 9999. %



72 Incident Energy (eV) 77-Ir-190

MAT 7722 Total kinematic kerma (high limit) 77-Ir-190
 Cross Section -61.92 To 9999. %

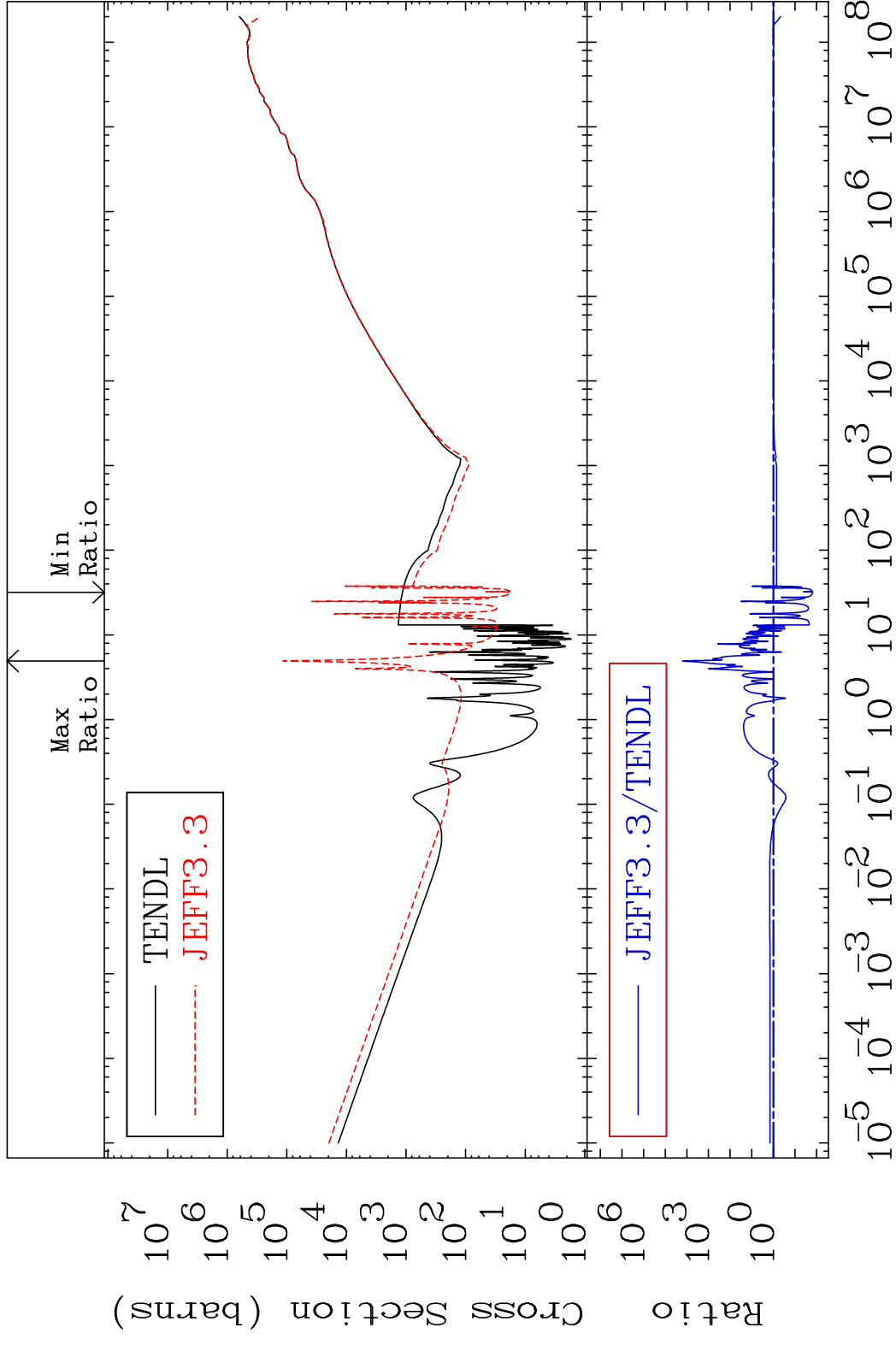


MAT 7722

Dpa total (eV-barns)

77-Ir-190

Cross Section -98.47 To 9999. %

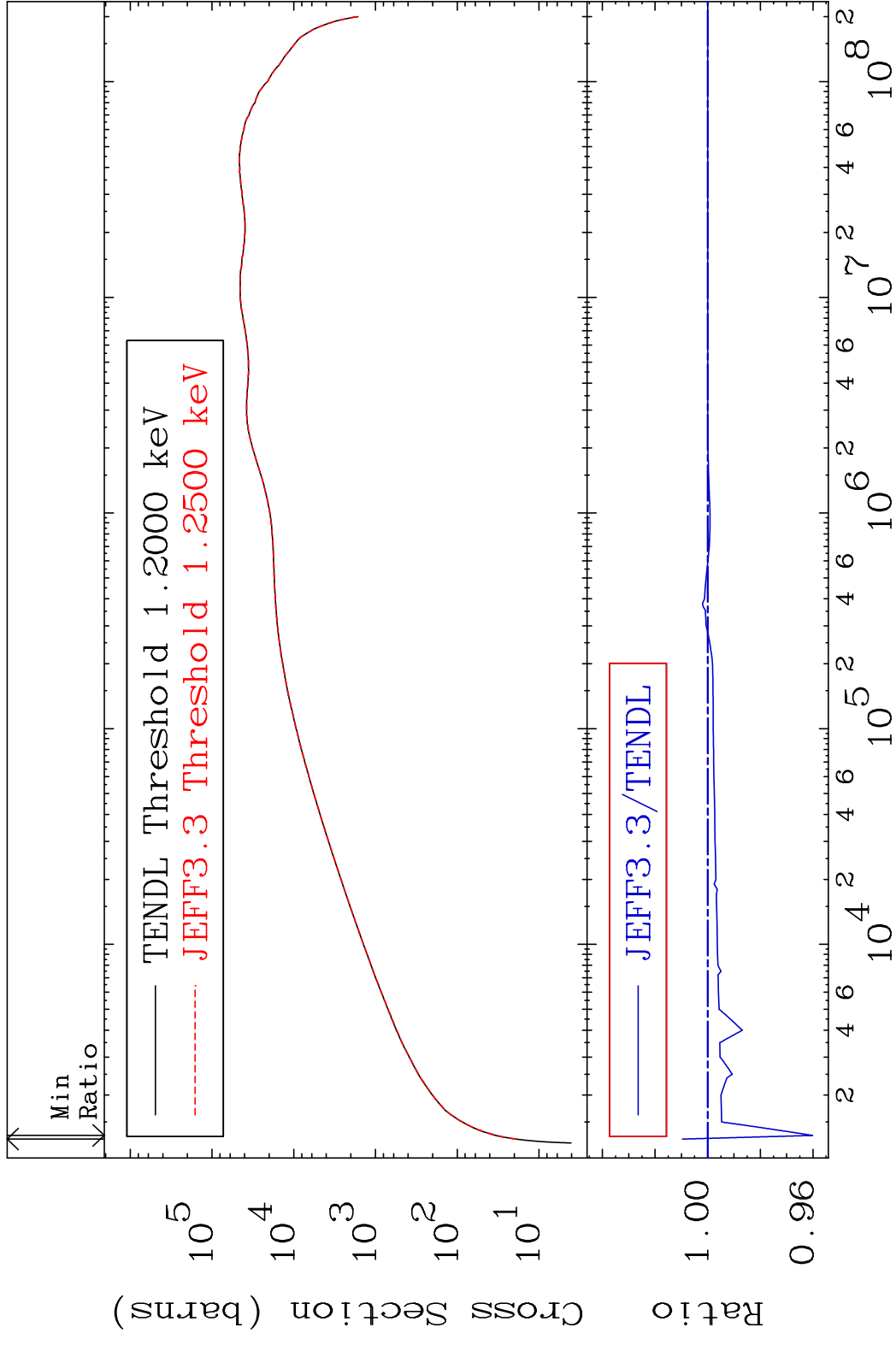


MAT 7722

Dpa elastic (mt2)

77-Ir-190

Cross Section -3.983 To 0.964 %



75

Incident Energy (eV)

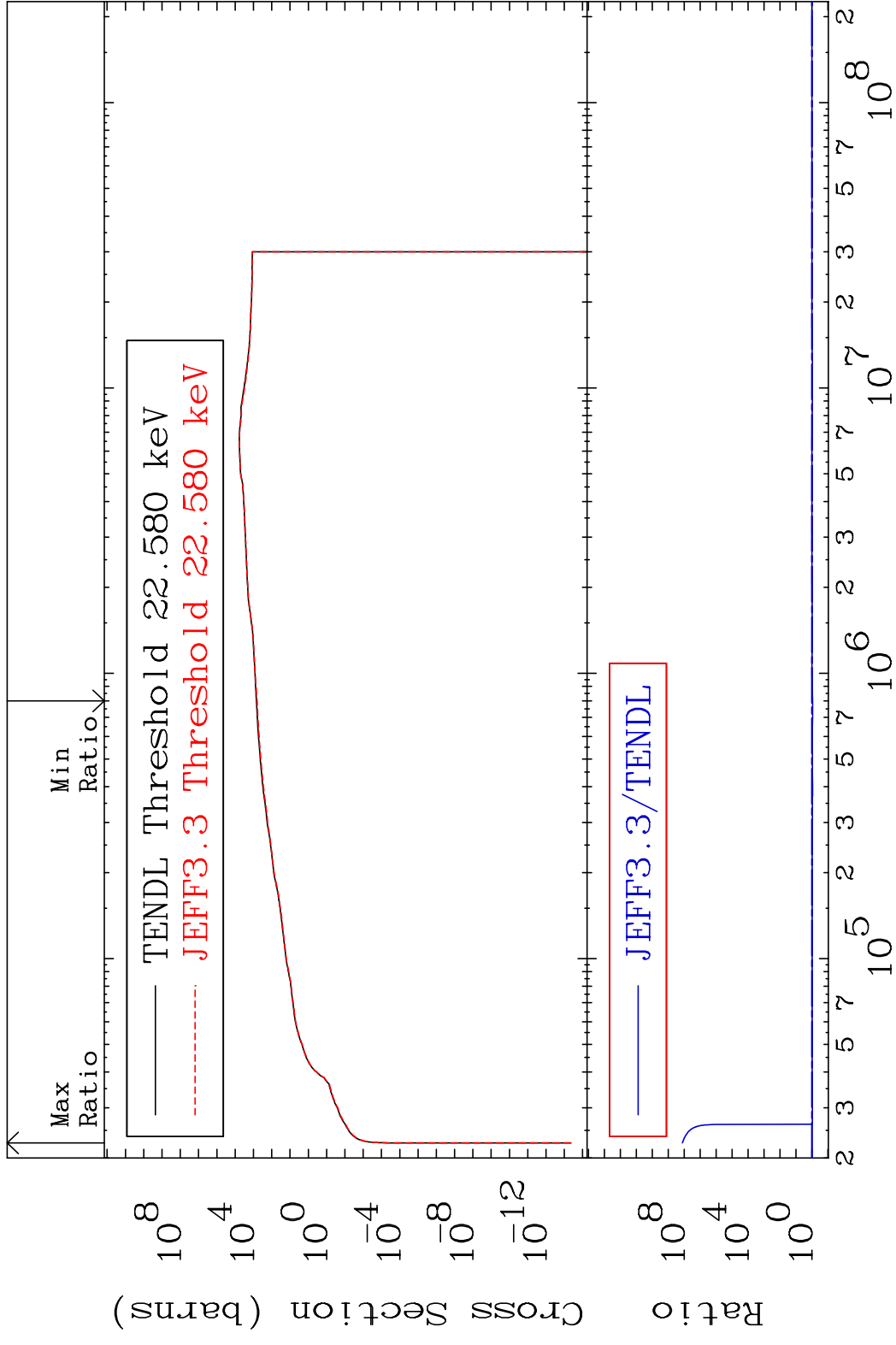
77-Ir-190

MAT 7722

Dpa inelastic (mt51-91)

77-Ir-190

Cross Section -8.240 To 9999. %

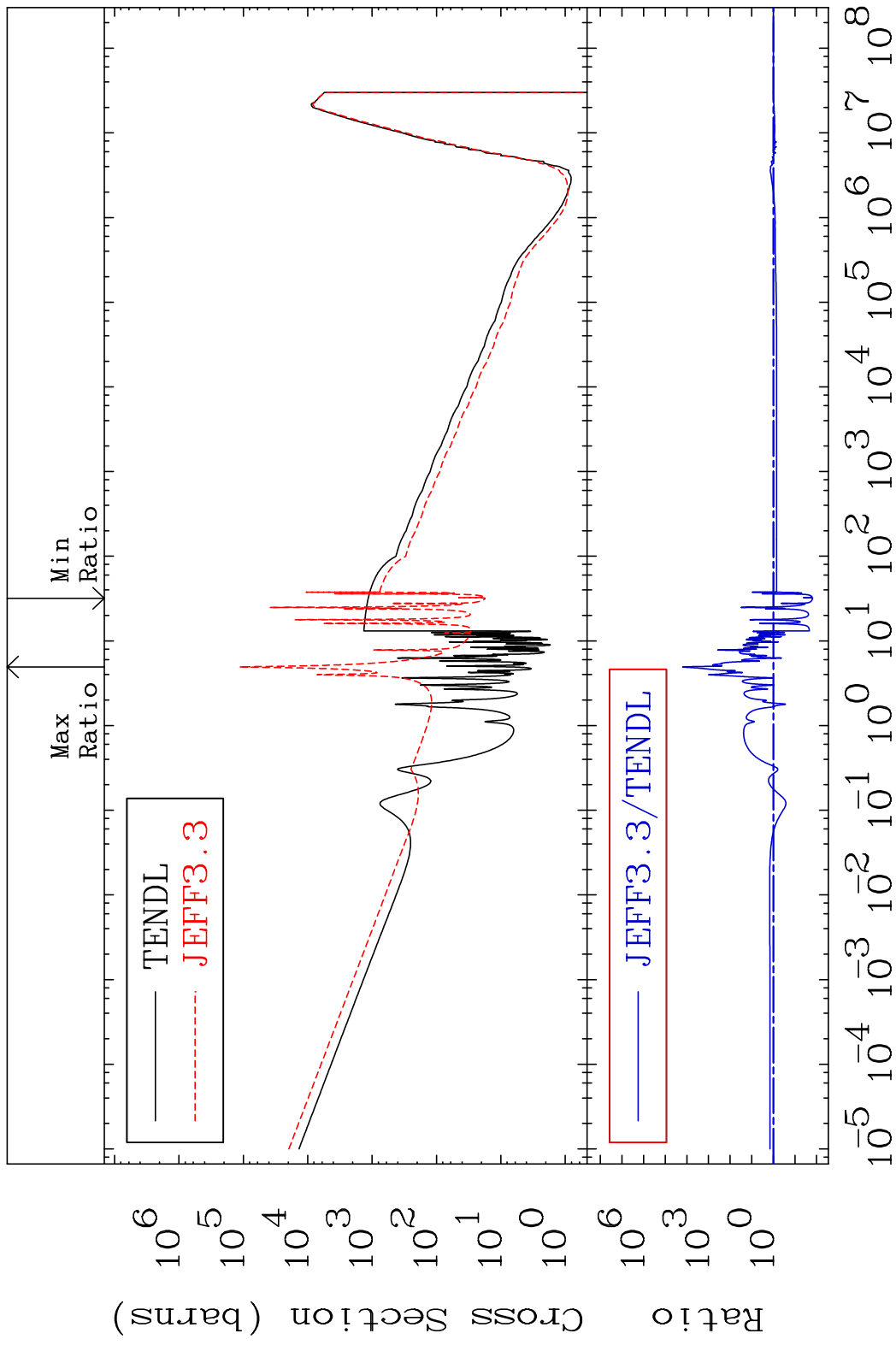


76

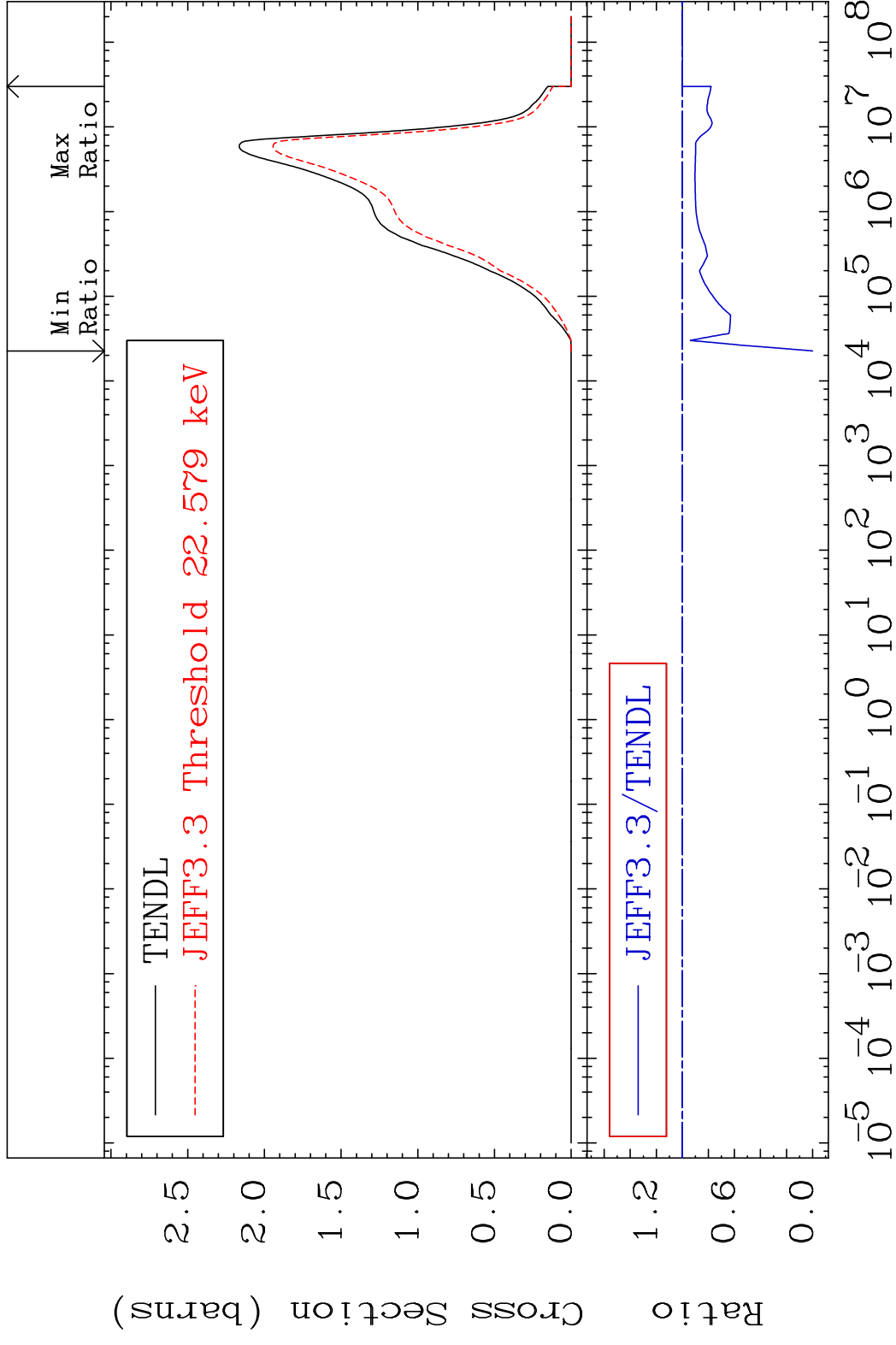
Incident Energy (eV)

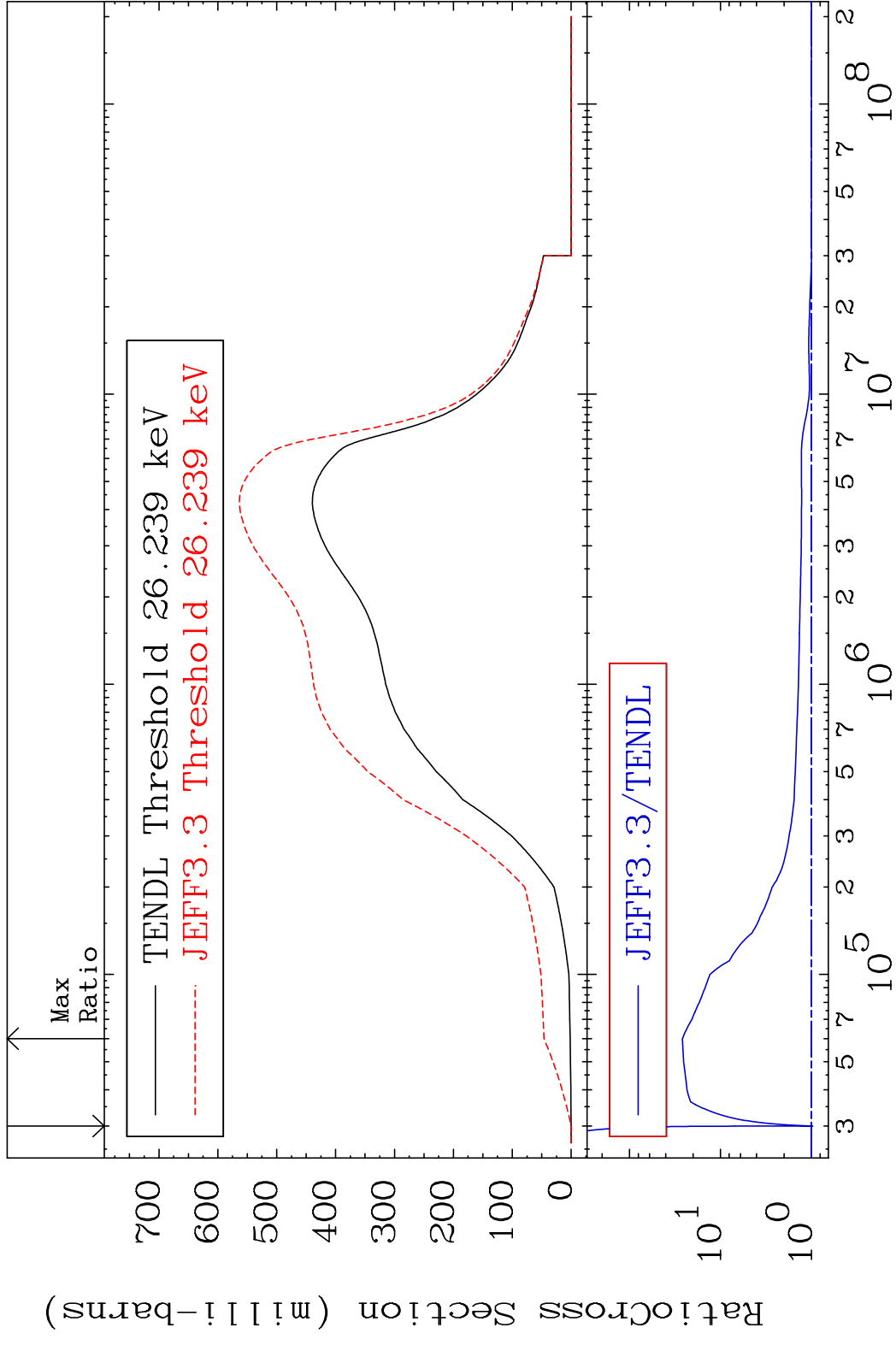
77-Ir-190

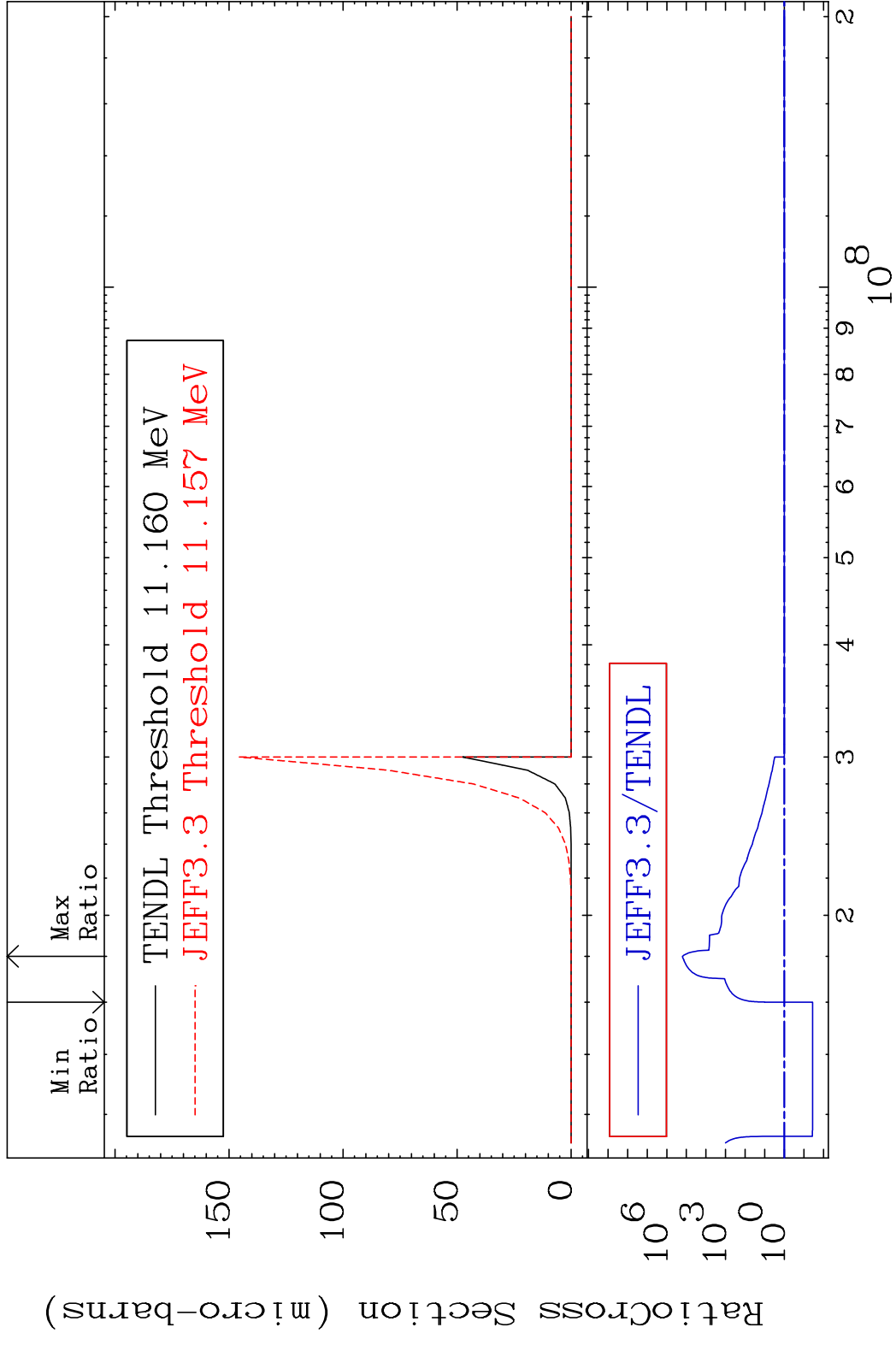
MAT 7722 Dpa disappearance (mt102 -120) 77-Ir-190
 Cross Section -98.47 To 9999. %

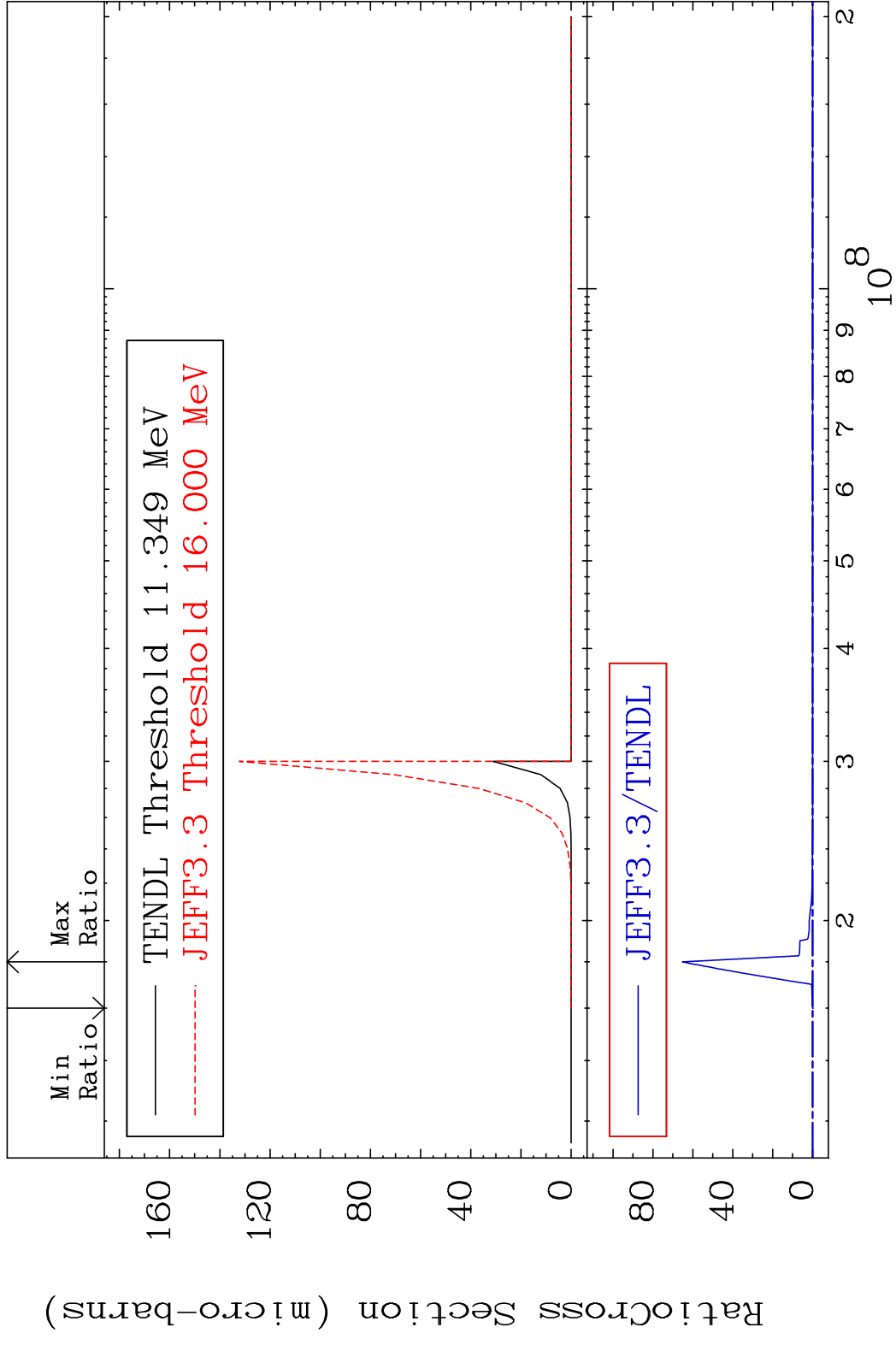


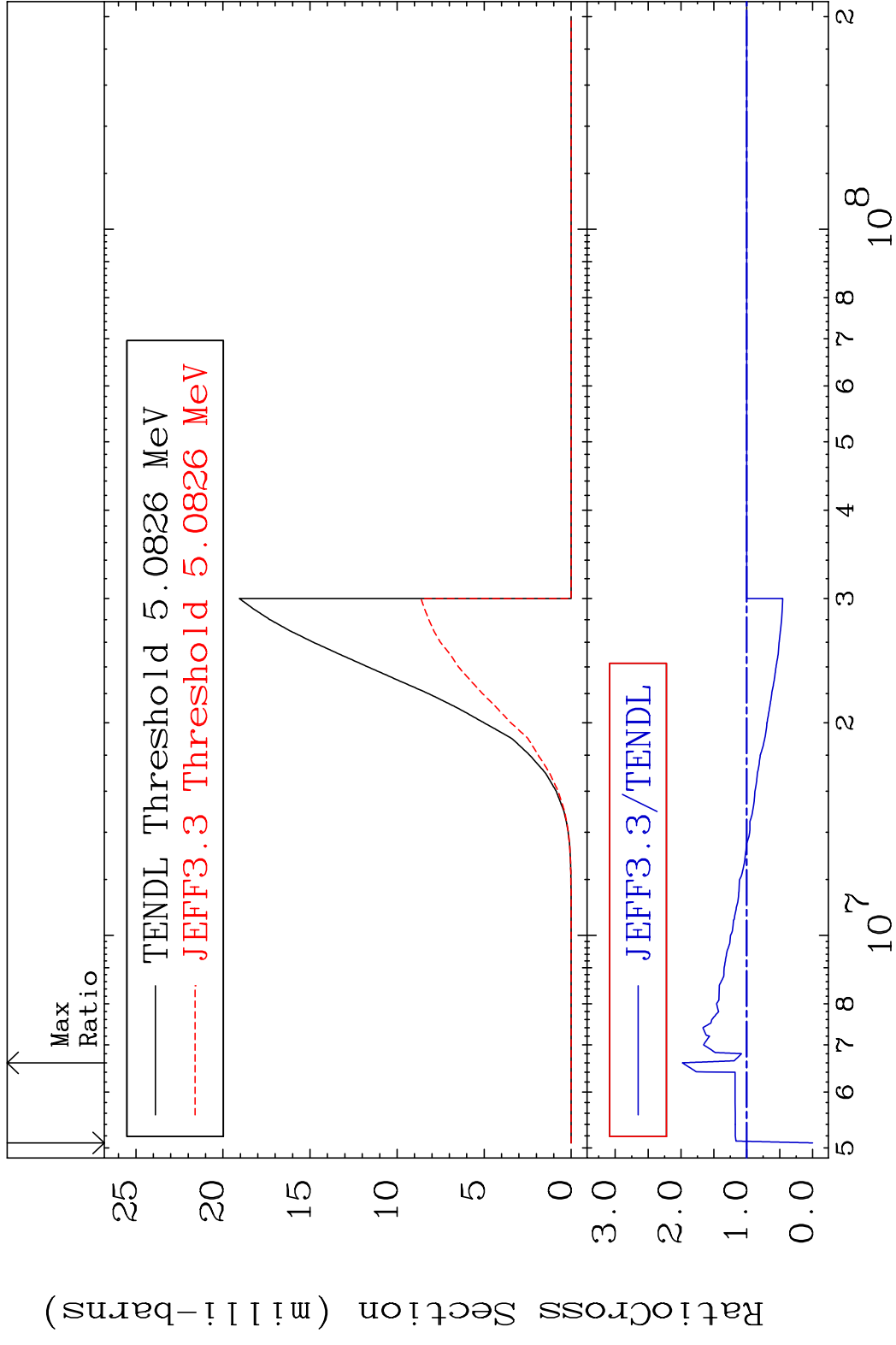
77 Incident Energy (eV) 77-Ir-190

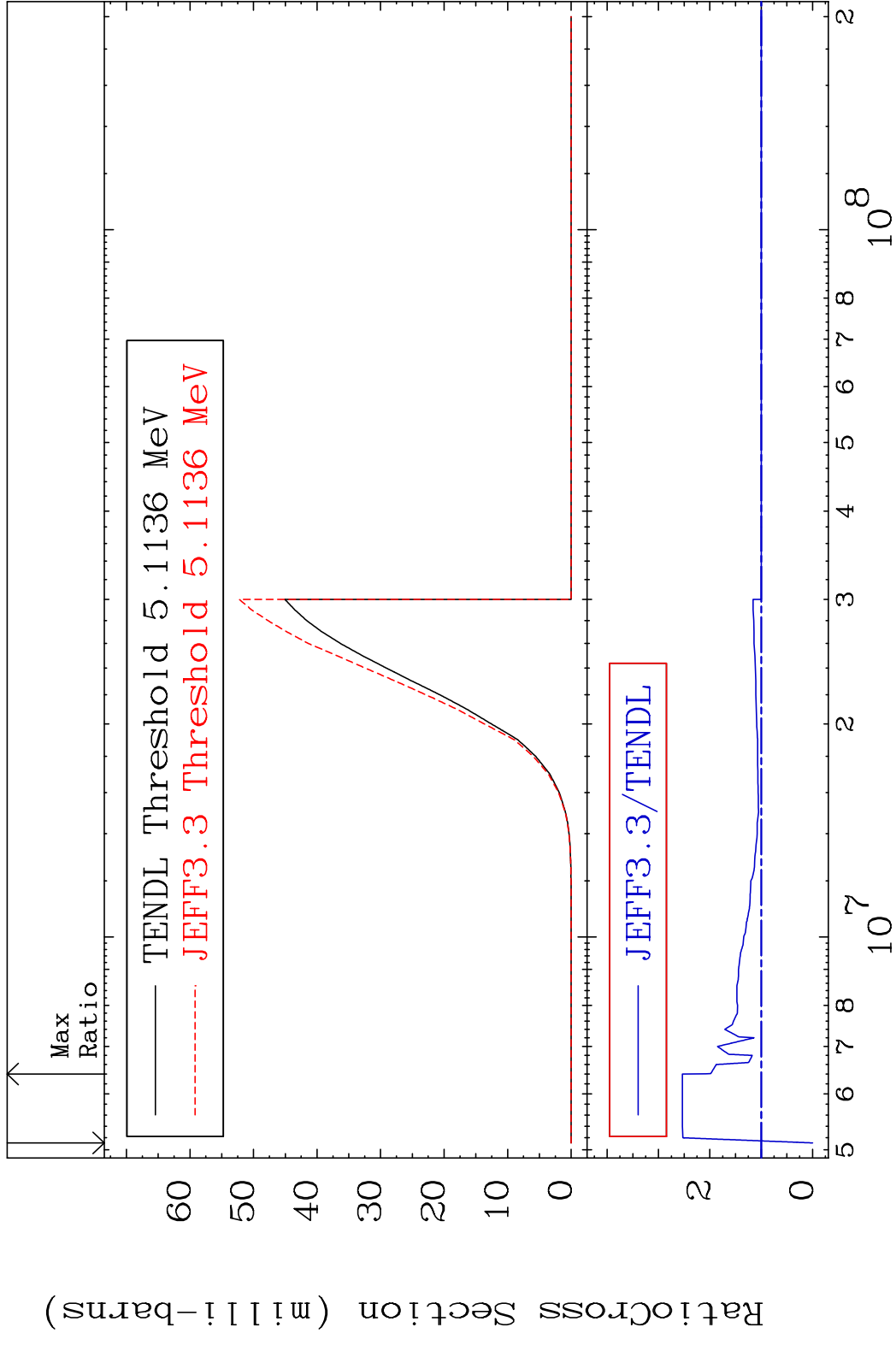


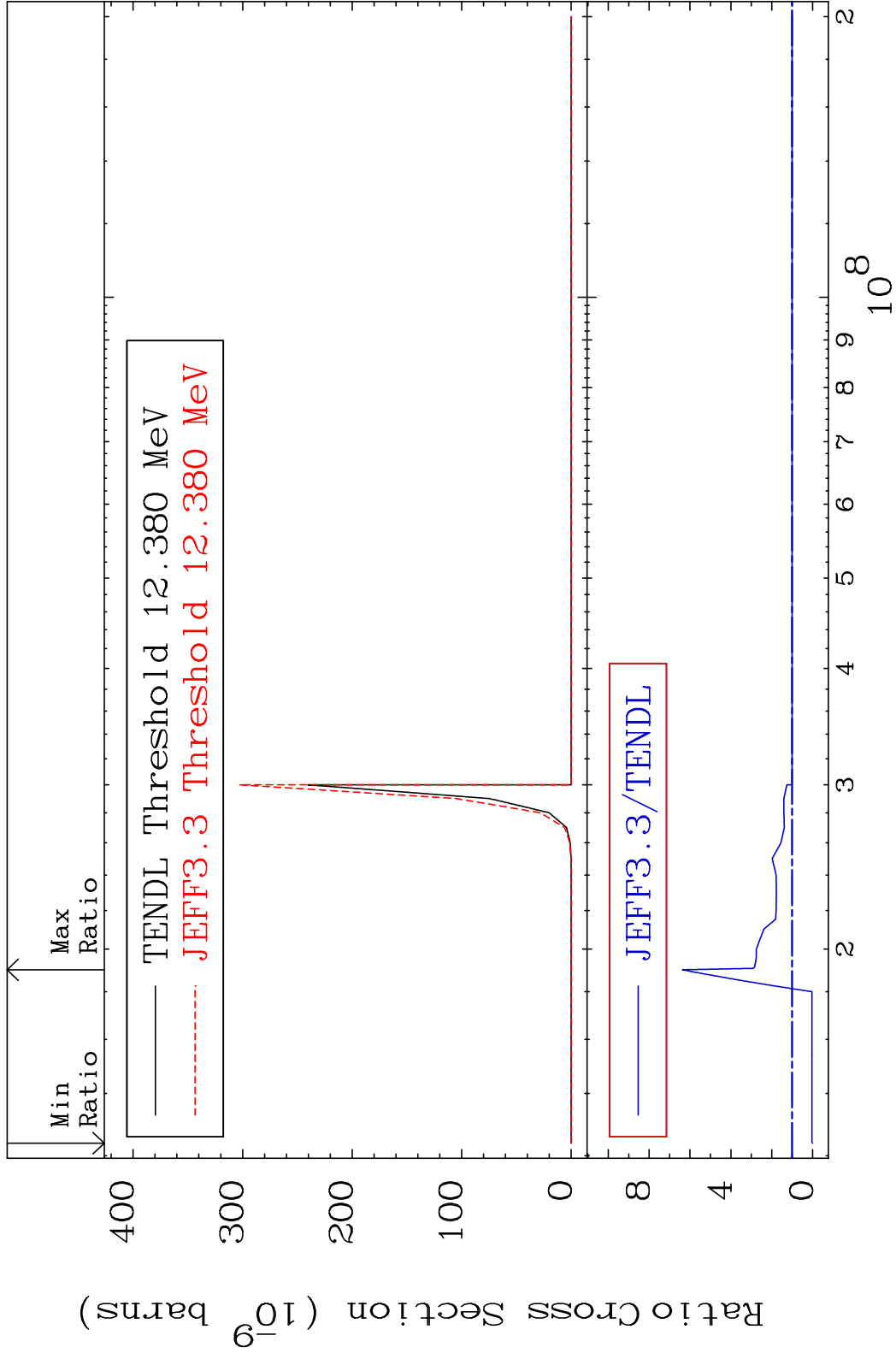


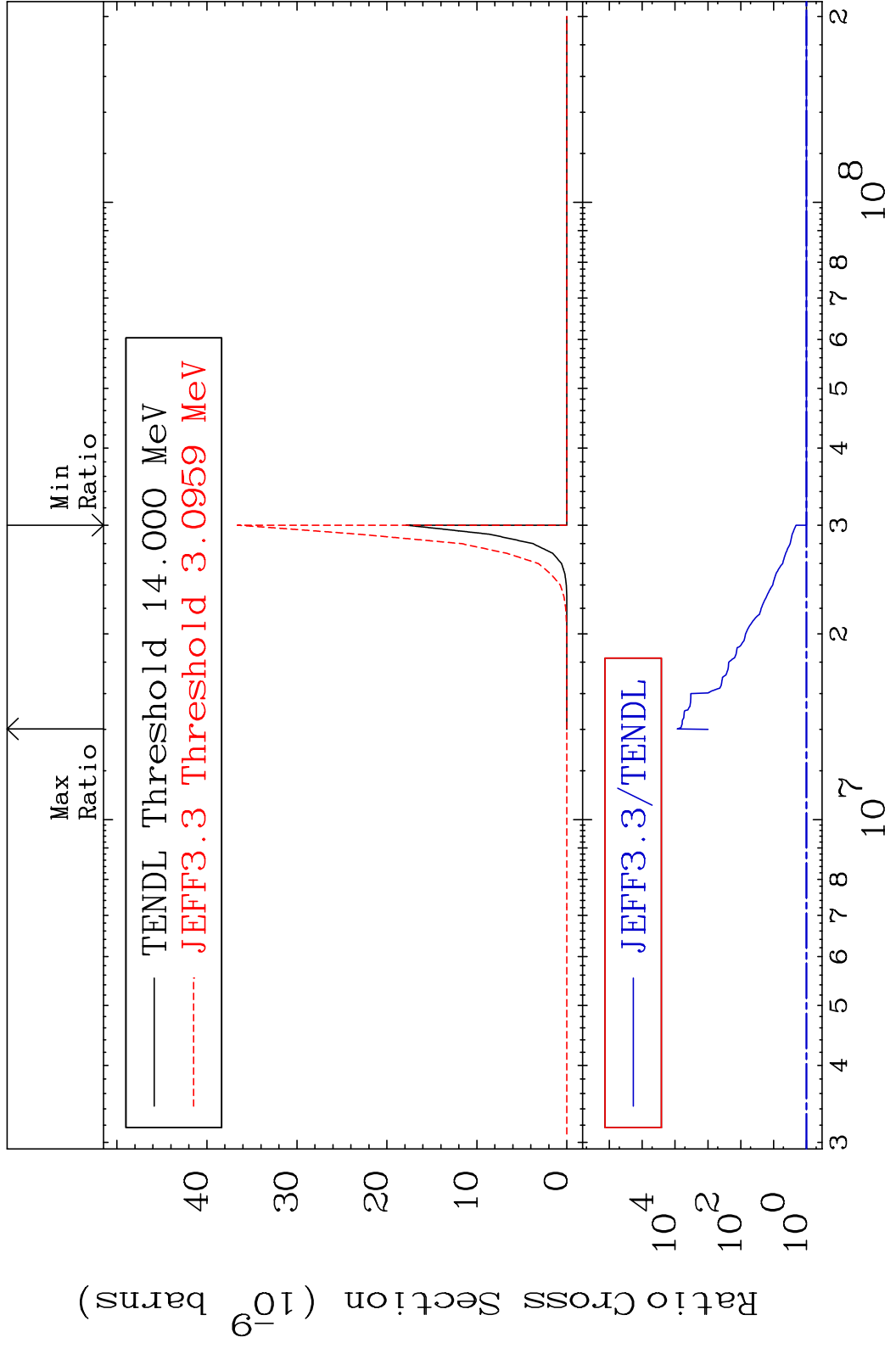


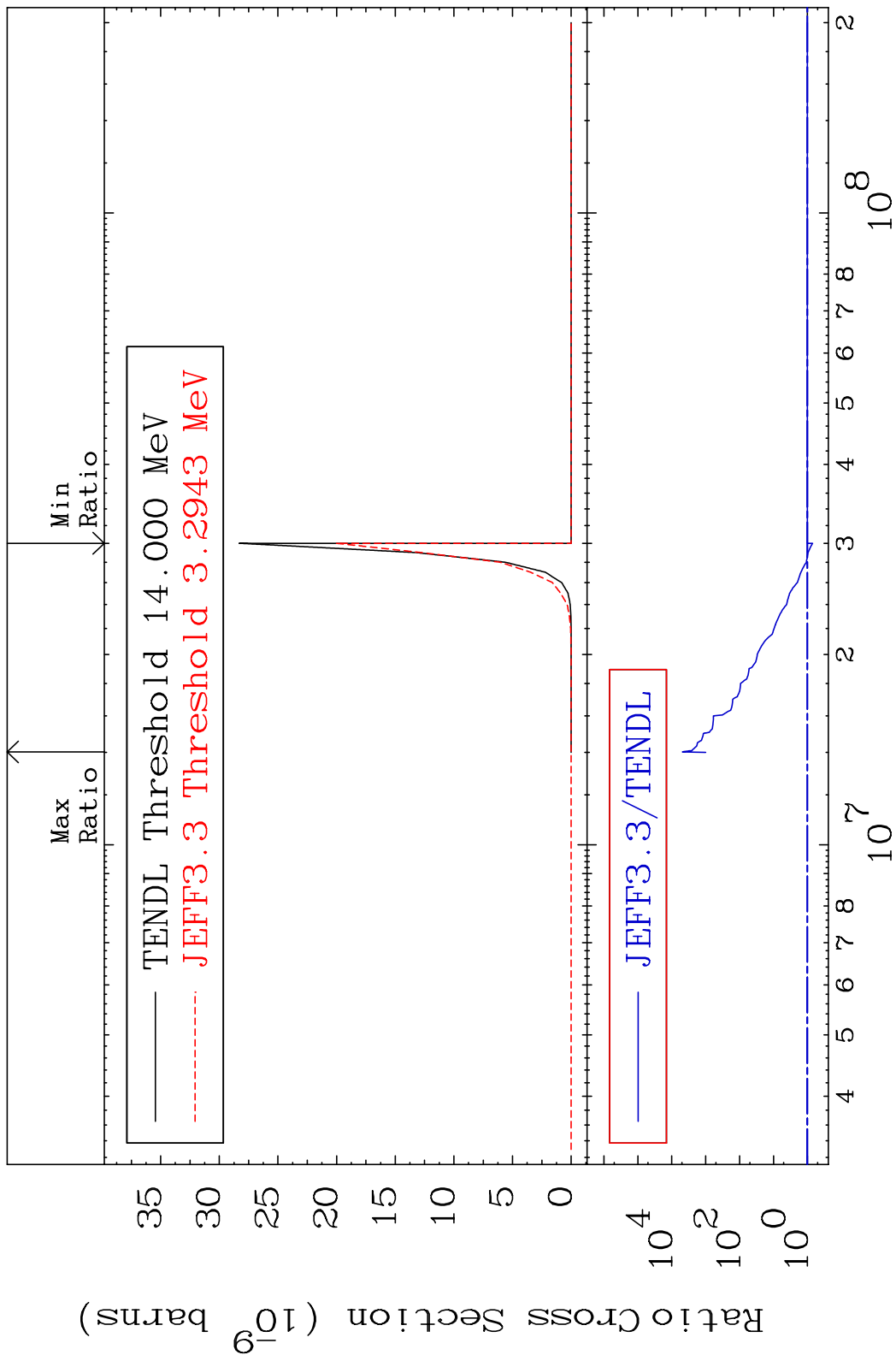




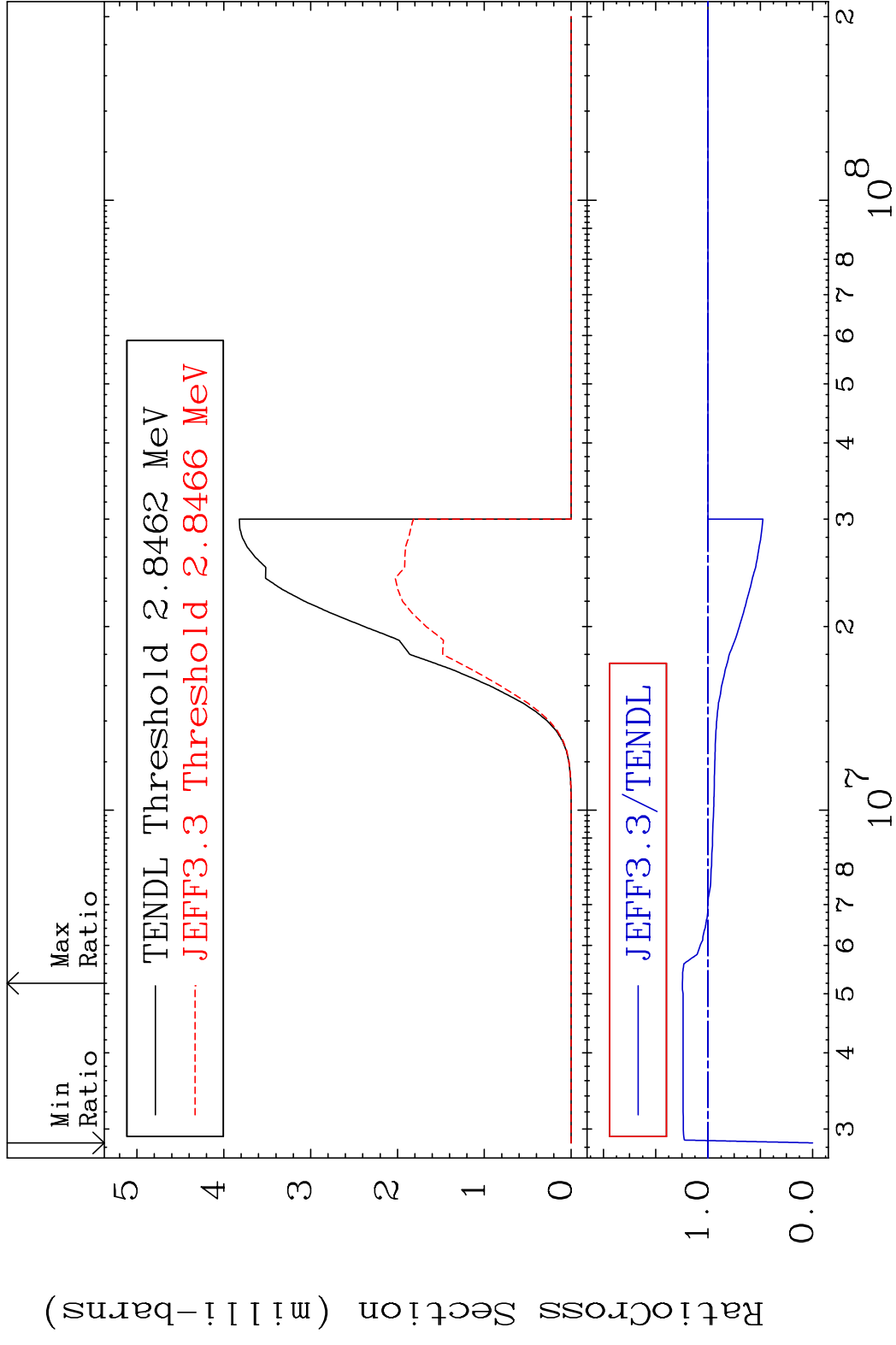








MAT 7722 (n, d): 76-0s-189g 77-Ir-190
 Radionuclide Production Cross Section 189g 24.53 %



MAT 7722 (n, d): 76-Os-189m1 77-Ir-190
 Radionuclide Production Cross Section Ratio 24.75 %

