

Program Complot
(Version 2021-1)

by

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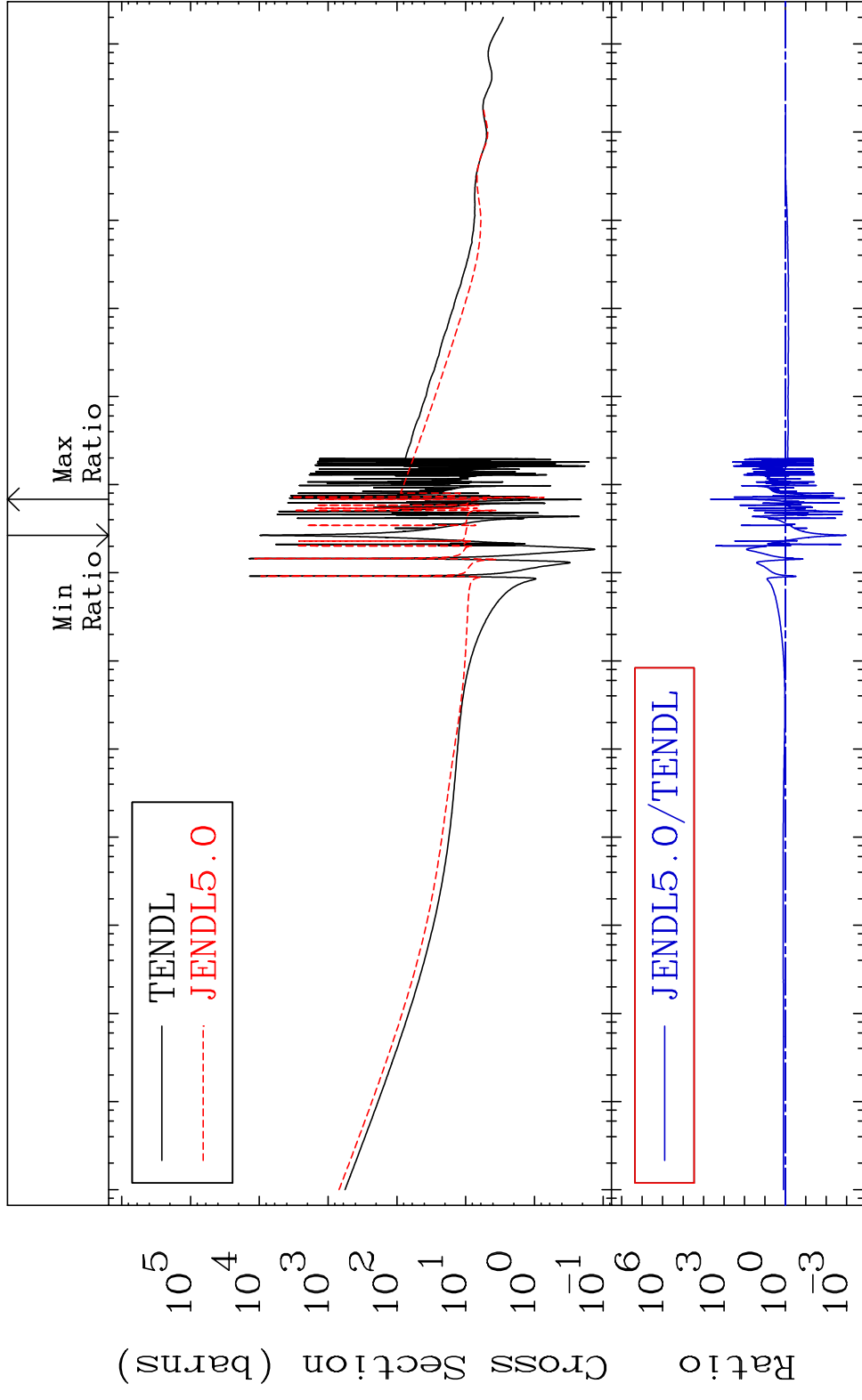
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7643

Total Cross Section -99.90 To 9999. %

76-0s-190



Incident Energy (eV) 76-0s-190

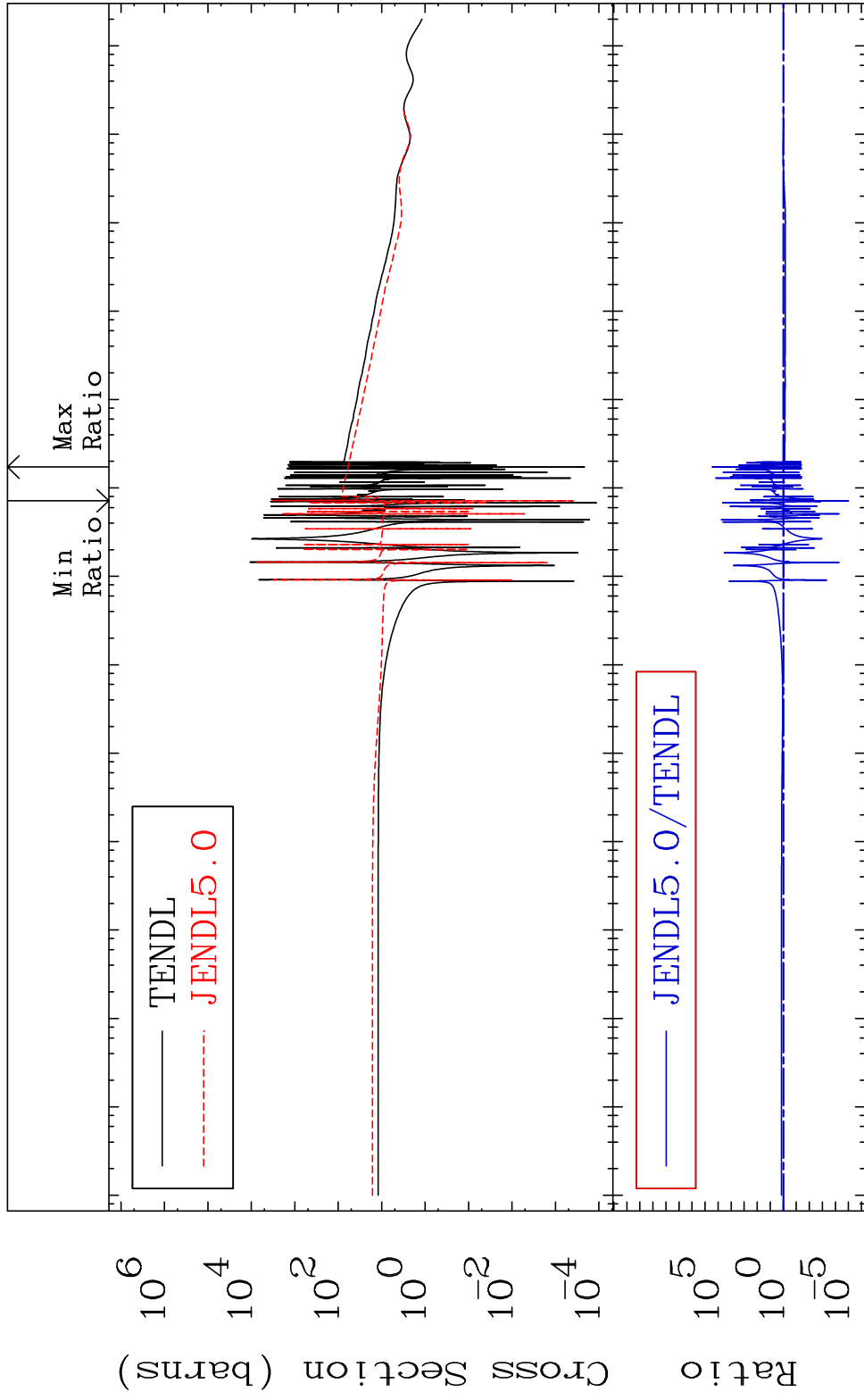
1

MAT 7643

Elastic

76-0s-190

Cross Section -100.0 To 9999. %

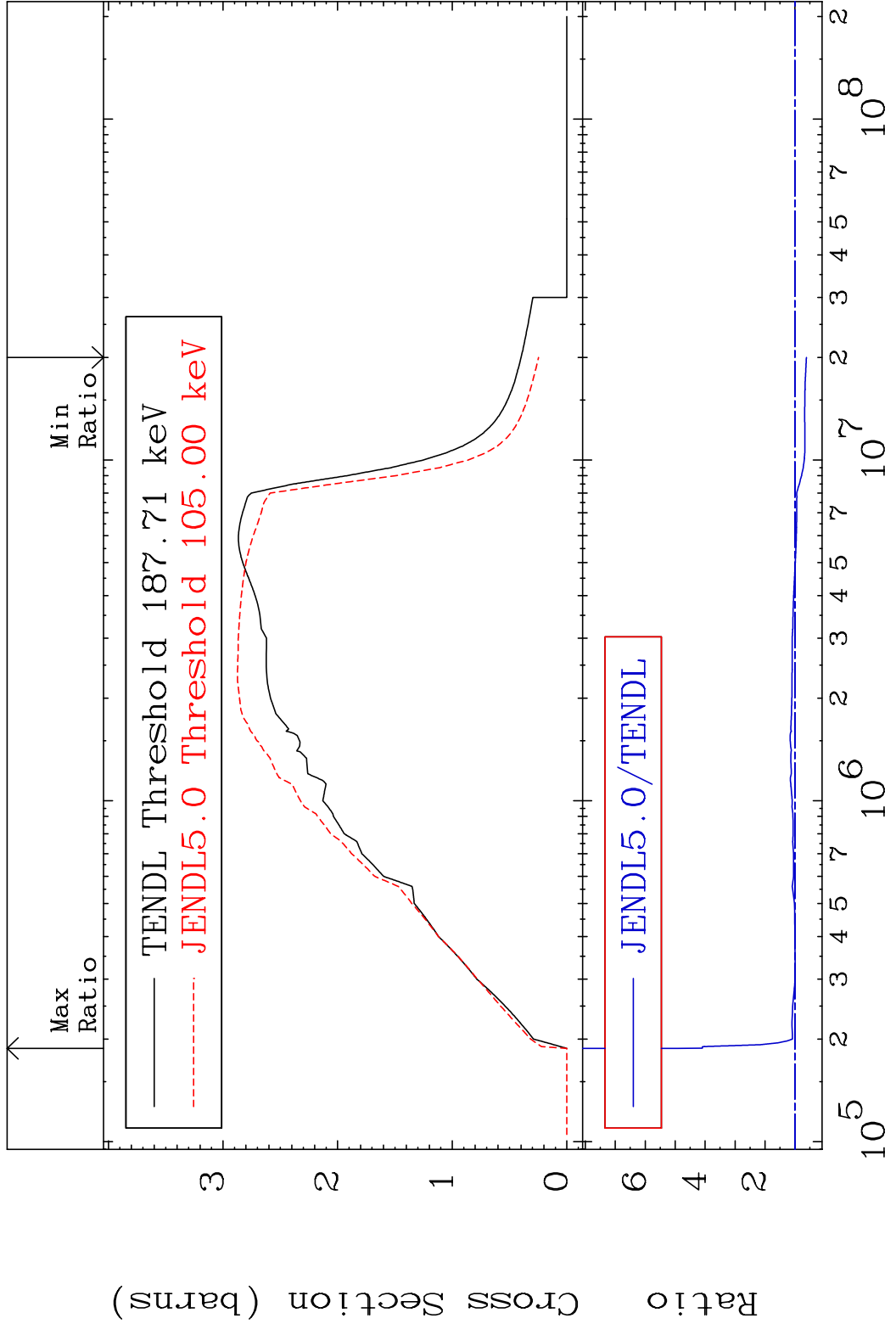


2

Incident Energy (eV)

76-0s-190

MAT 7643 Inelastic 76-0s-190
 Cross Section -38.17 To 393.3 %



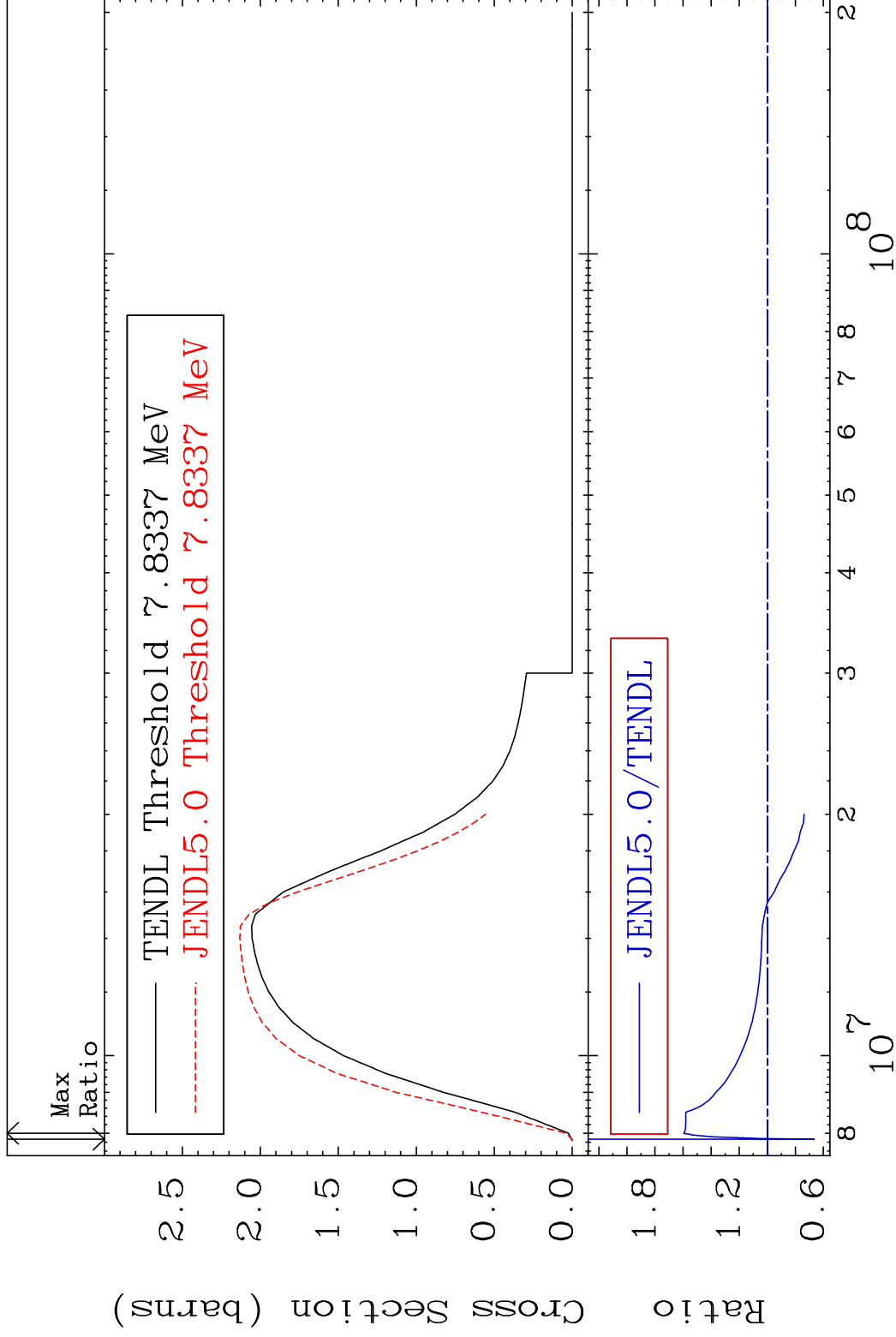
3 Incident Energy (eV) 76-0s-190

MAT 7643

(n,2n)

76-0s-190

Cross Section -33.37 To 59.59 %



4

Incident Energy (eV)

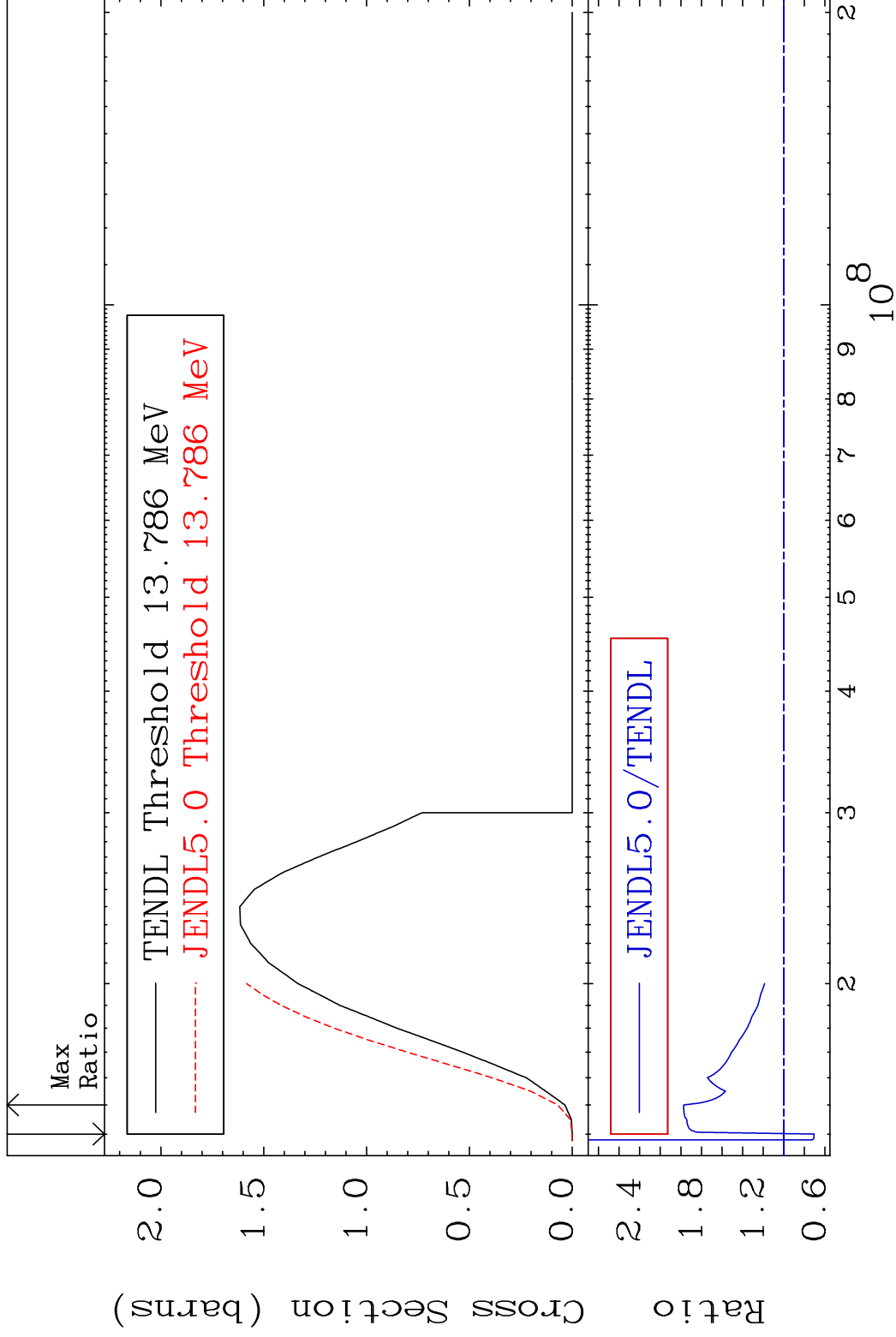
76-0s-190

MAT 7643

(n,3n)

76-0s-190

Cross Section -29.42 To 97.28 %



5

Incident Energy (eV)

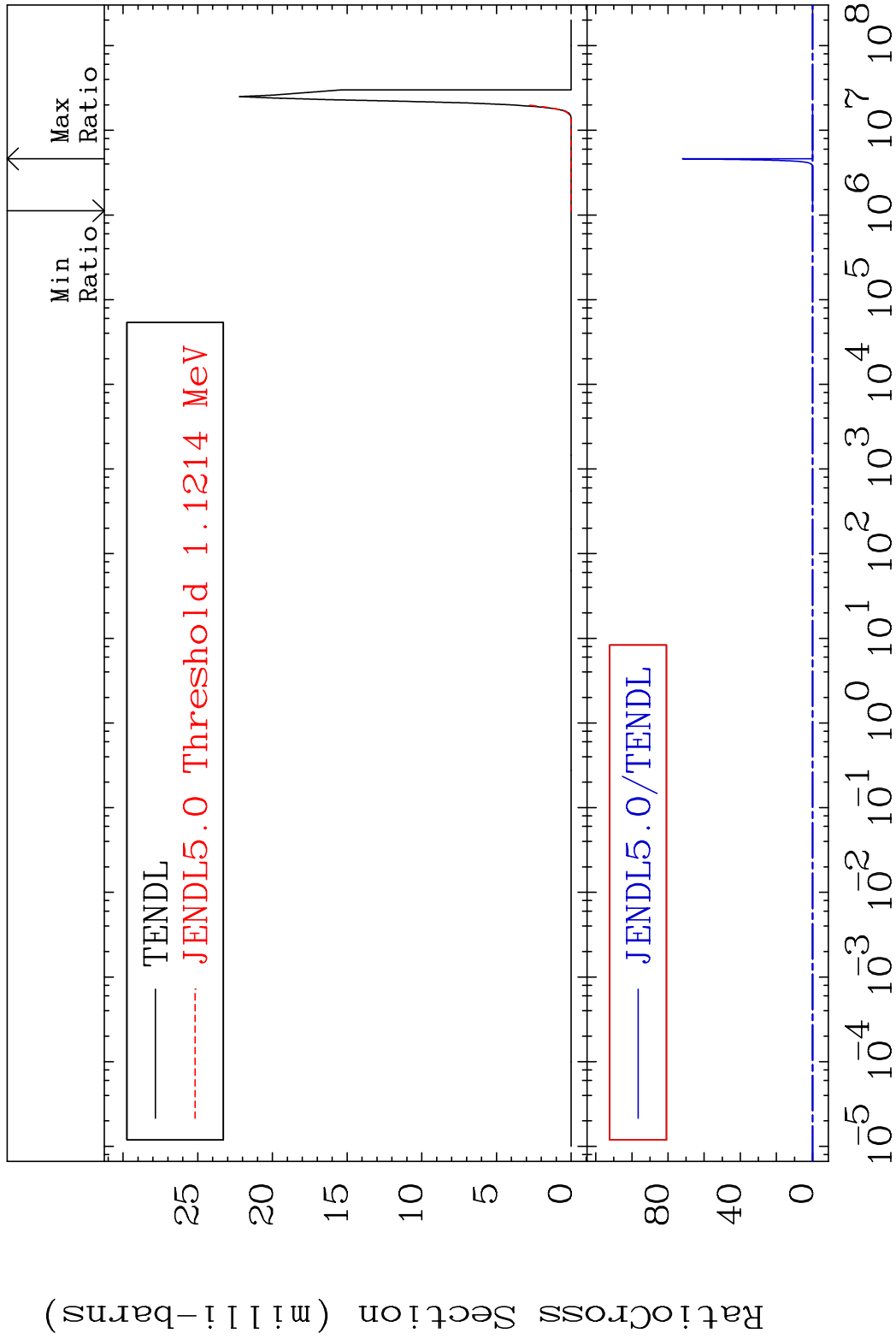
76-0s-190

MAT 7643

(n, n') α

76-Os-190

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

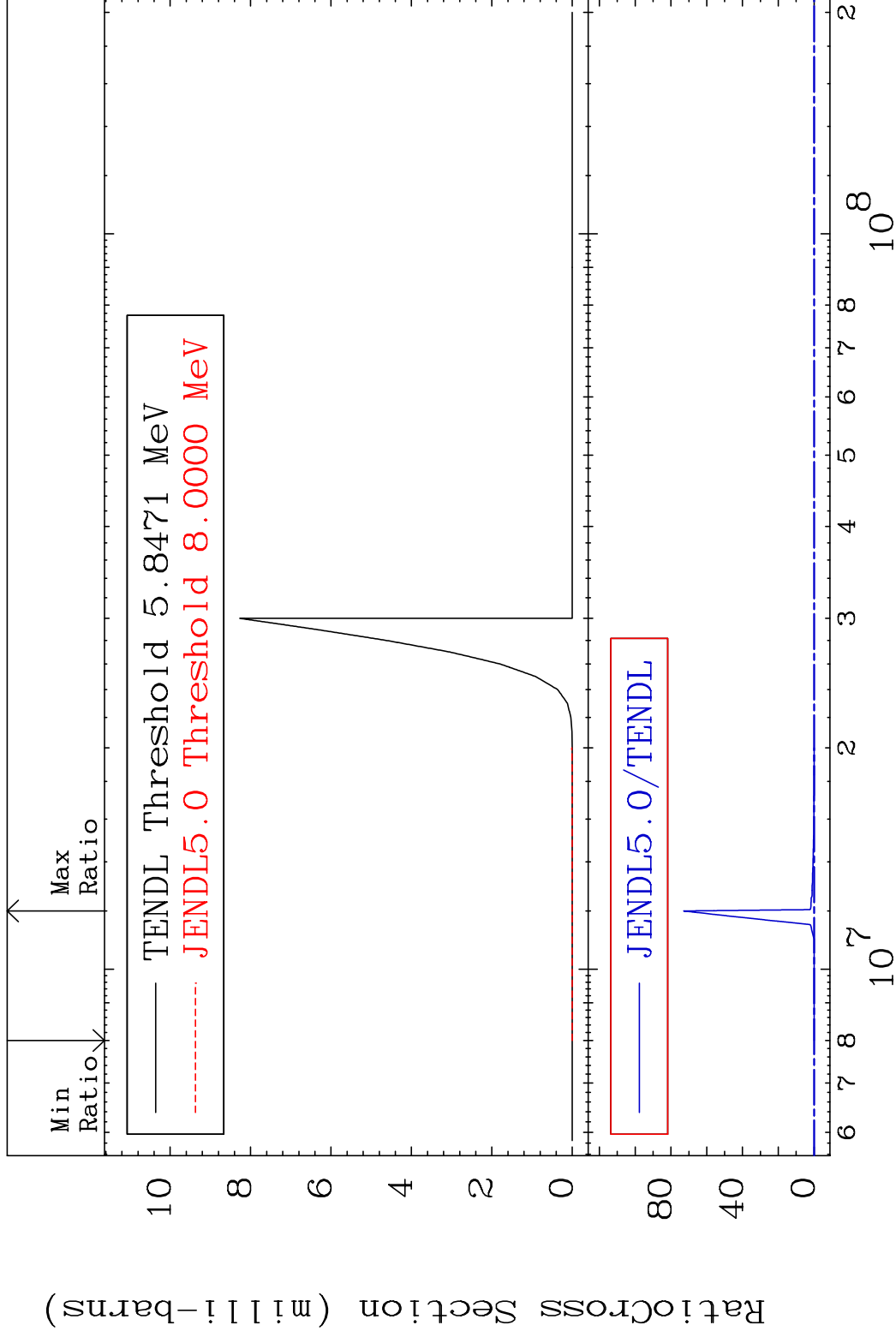
76-Os-190

MAT 7643

(n,2n) α

76-0s-190

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

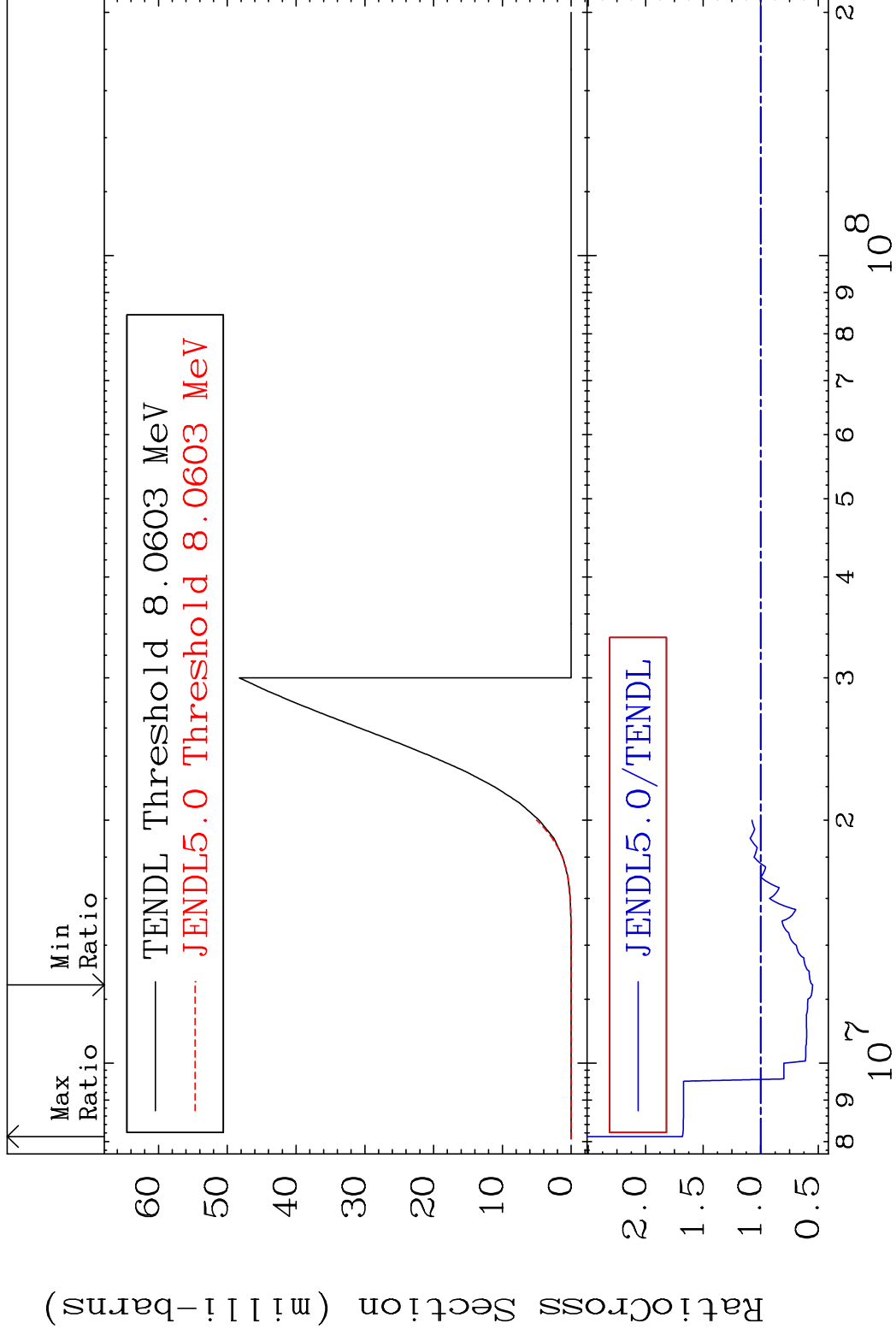
76-0s-190

MAT 7643

(n, n') p

76-0s-190

Cross Section -45.05 To 68.11 %



8

Incident Energy (eV)

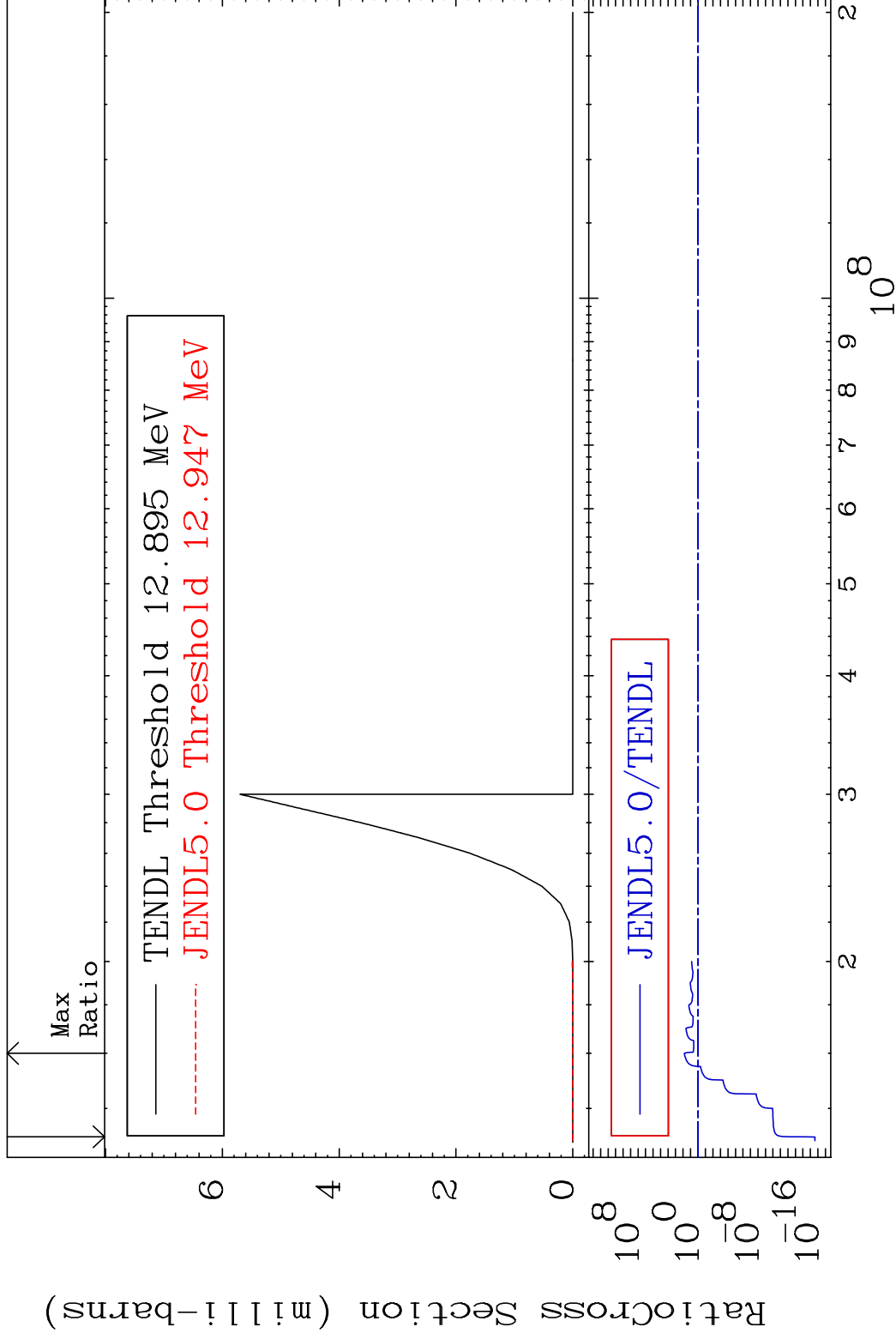
76-0s-190

MAT 7643

(n, n') d

76-0s-190

Cross Section -100.0 To 6634. %



9

Incident Energy (eV)

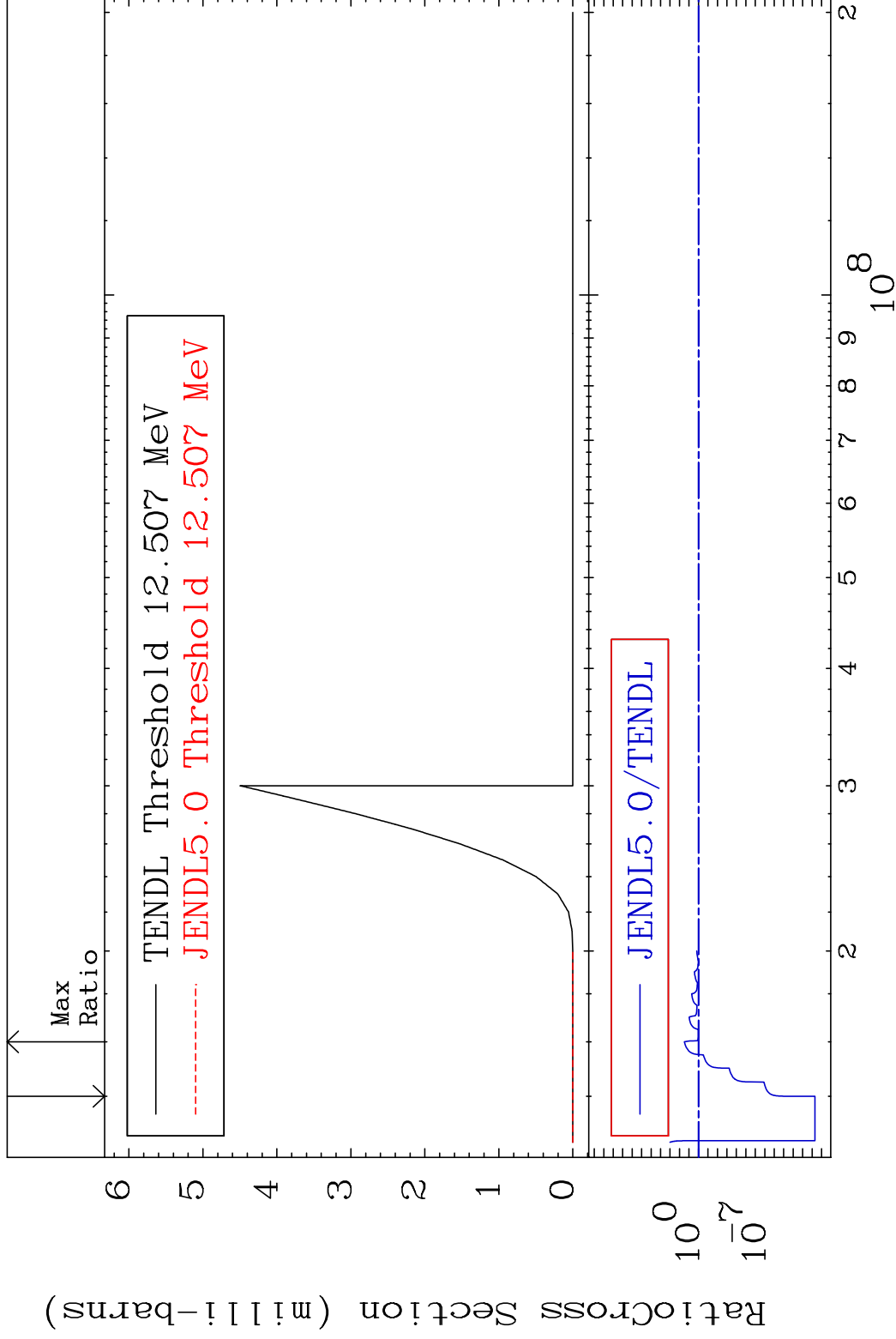
76-0s-190

MAT 7643

(n, n') t

76-0s-190

Cross Section -100.0 To 3018. %

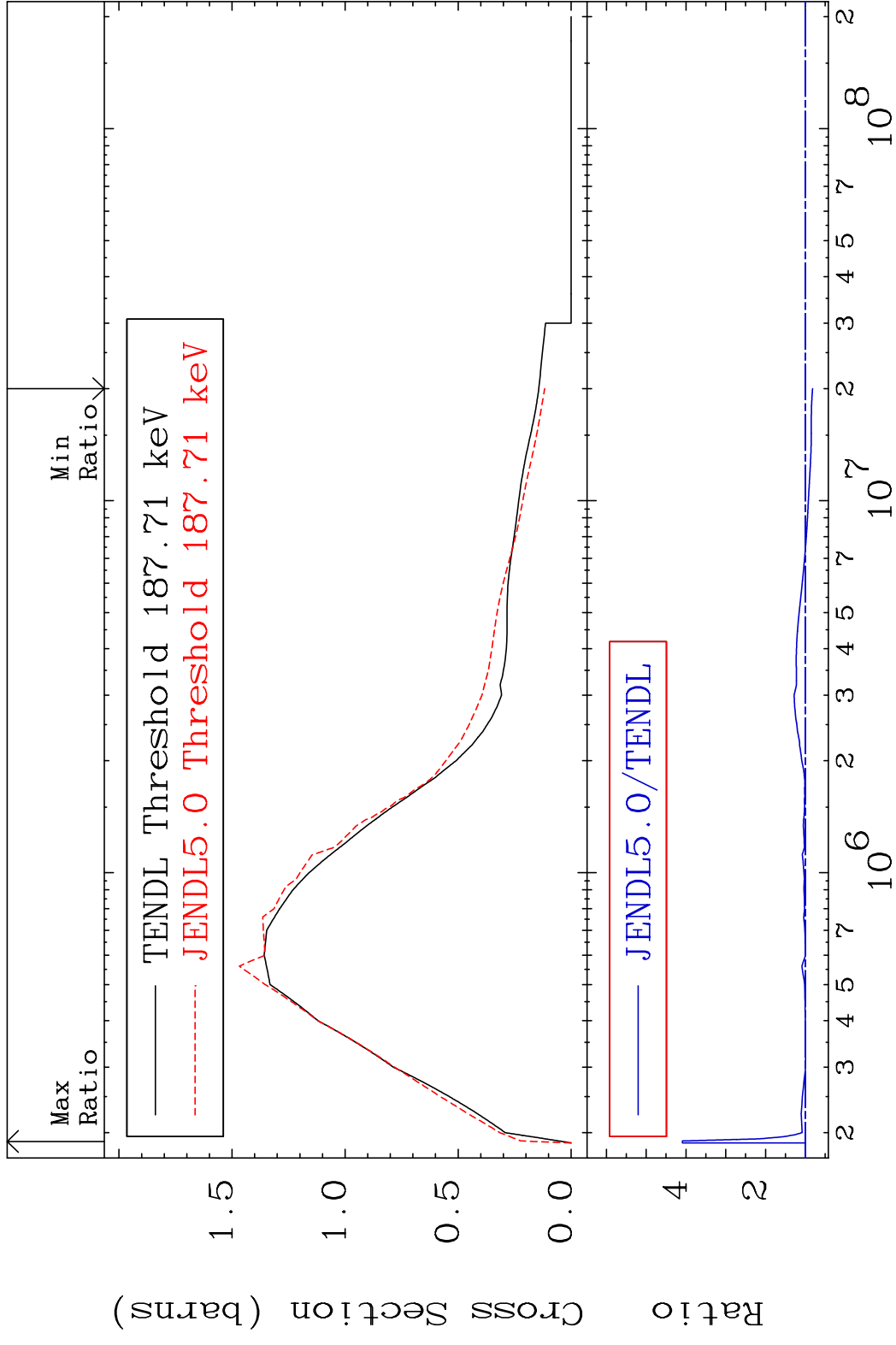


10

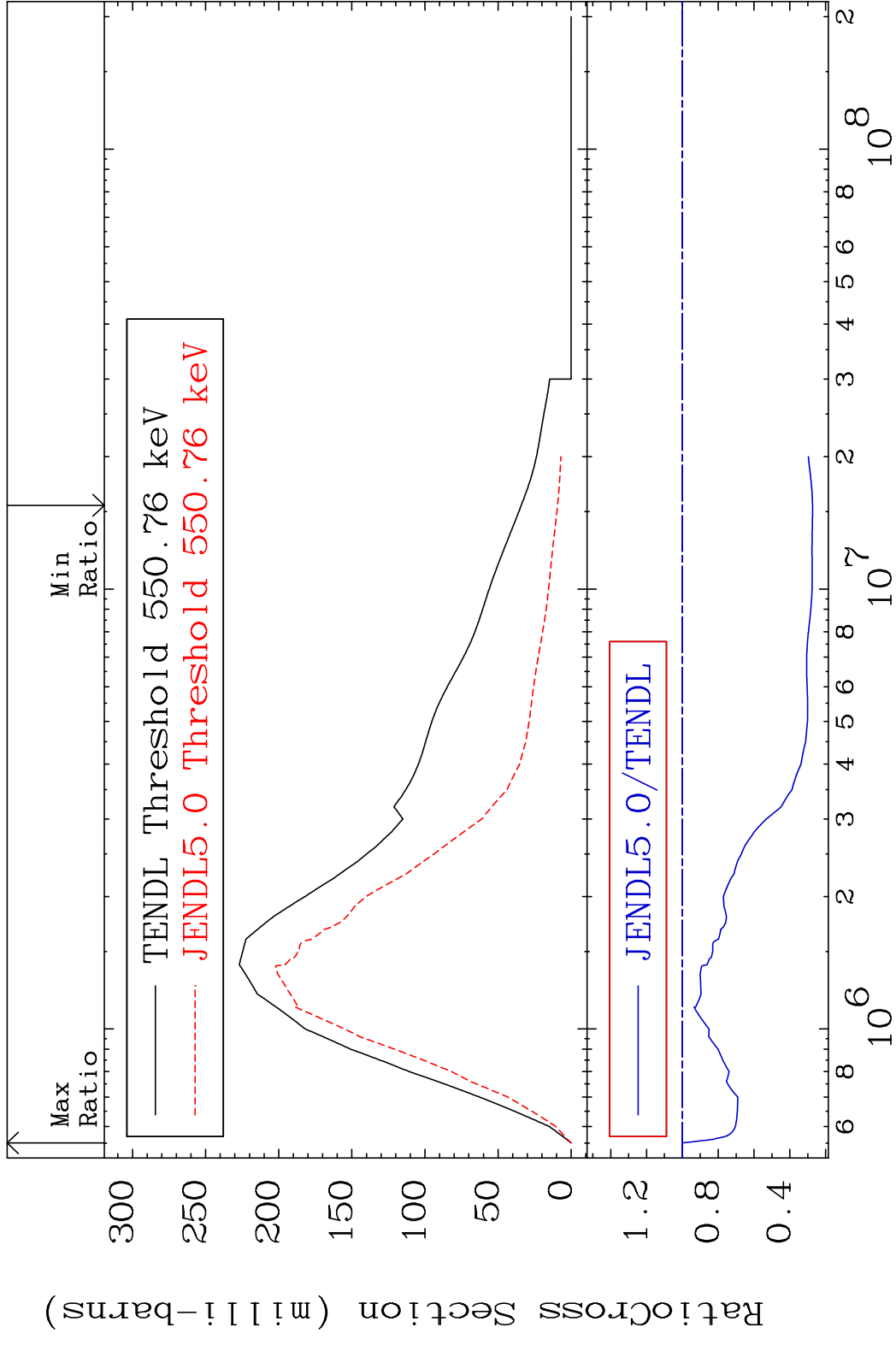
Incident Energy (eV)

76-0s-190

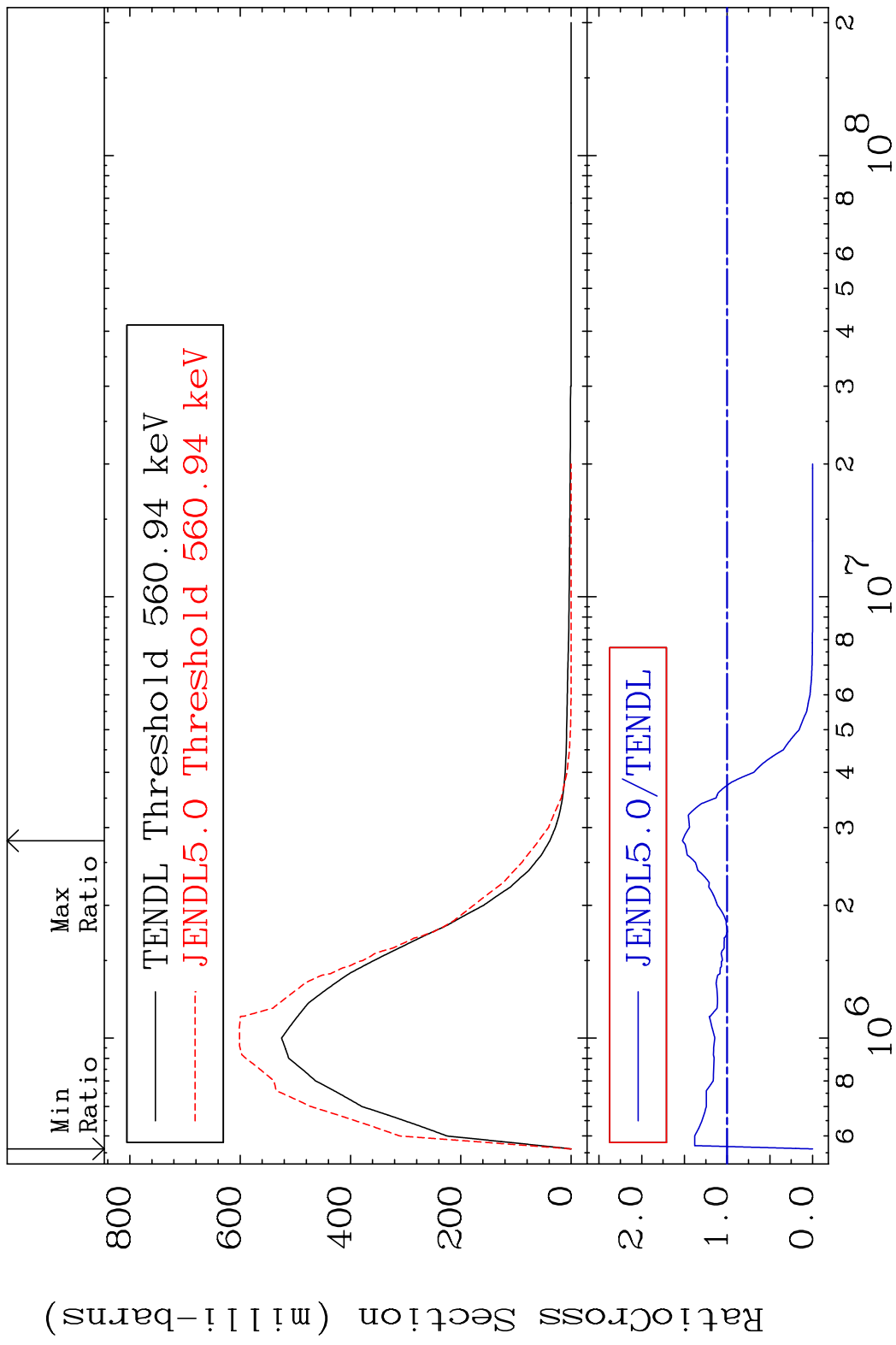
MAT 7643 MT= 51 (n,n') Level 76-0s-190
 Cross Section -18.17 To 309.1 %



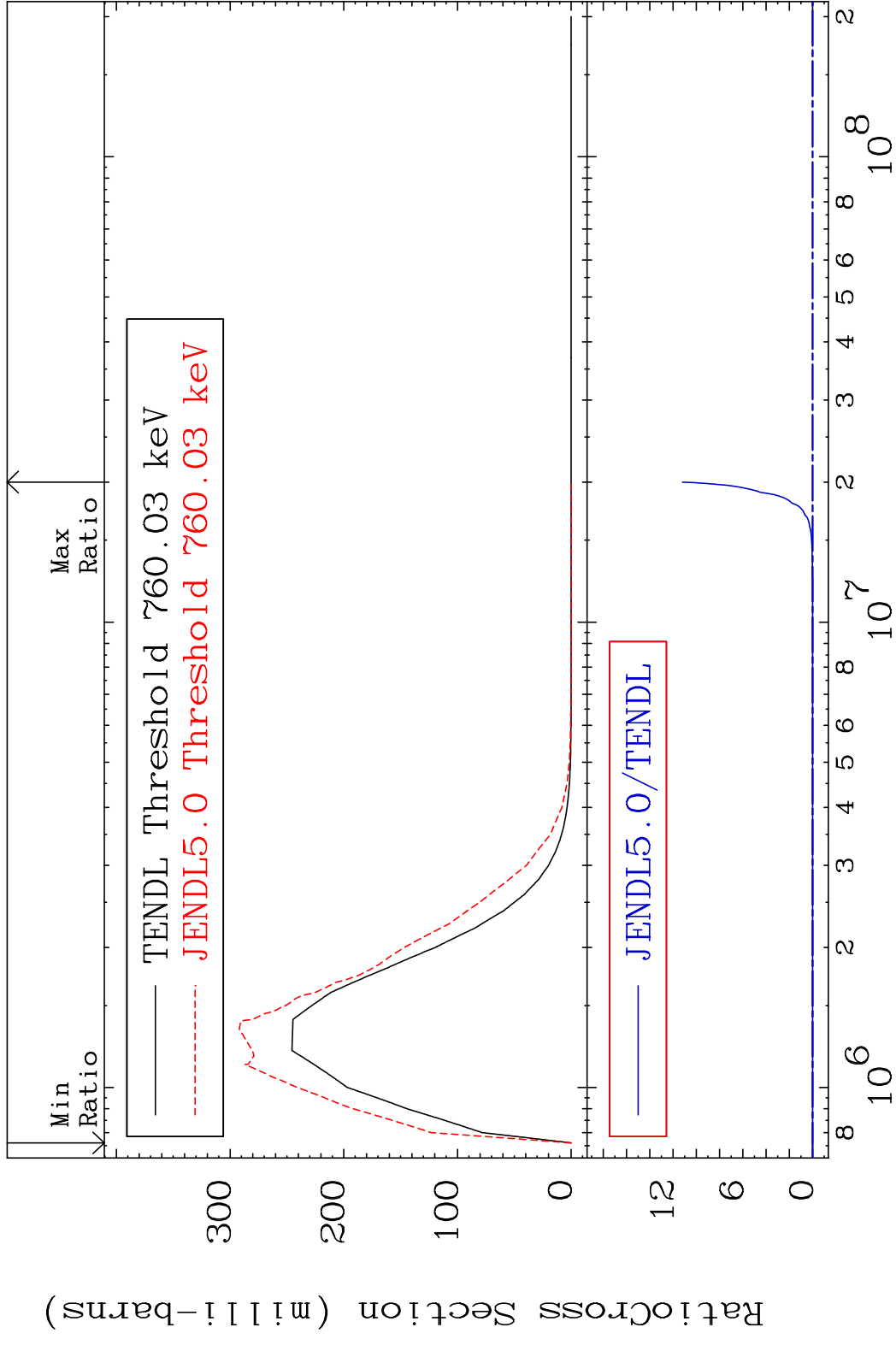
MAT 7643 MT= 52 (n, n') Level 76-0s-190
 Cross Section -72.68 To 0.000 %



MAT 7643 MT= 53 (n,n') Level 76-0s-190
 Cross Section -100.0 To 52.44 %

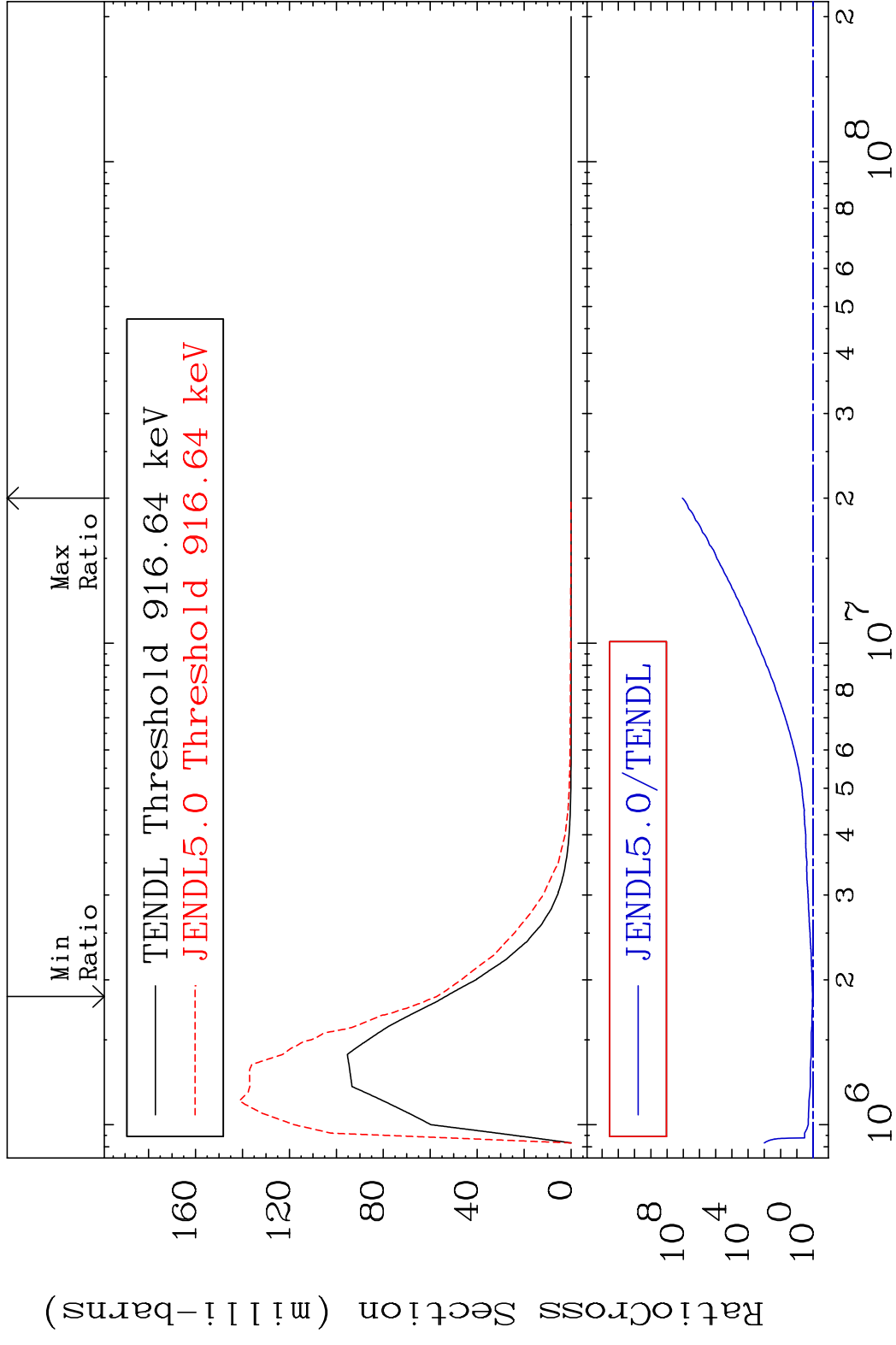


MAT 7643 MT= 54 (n, n') Level 76-0s-190
 Cross Section -100.0 To 9999. %



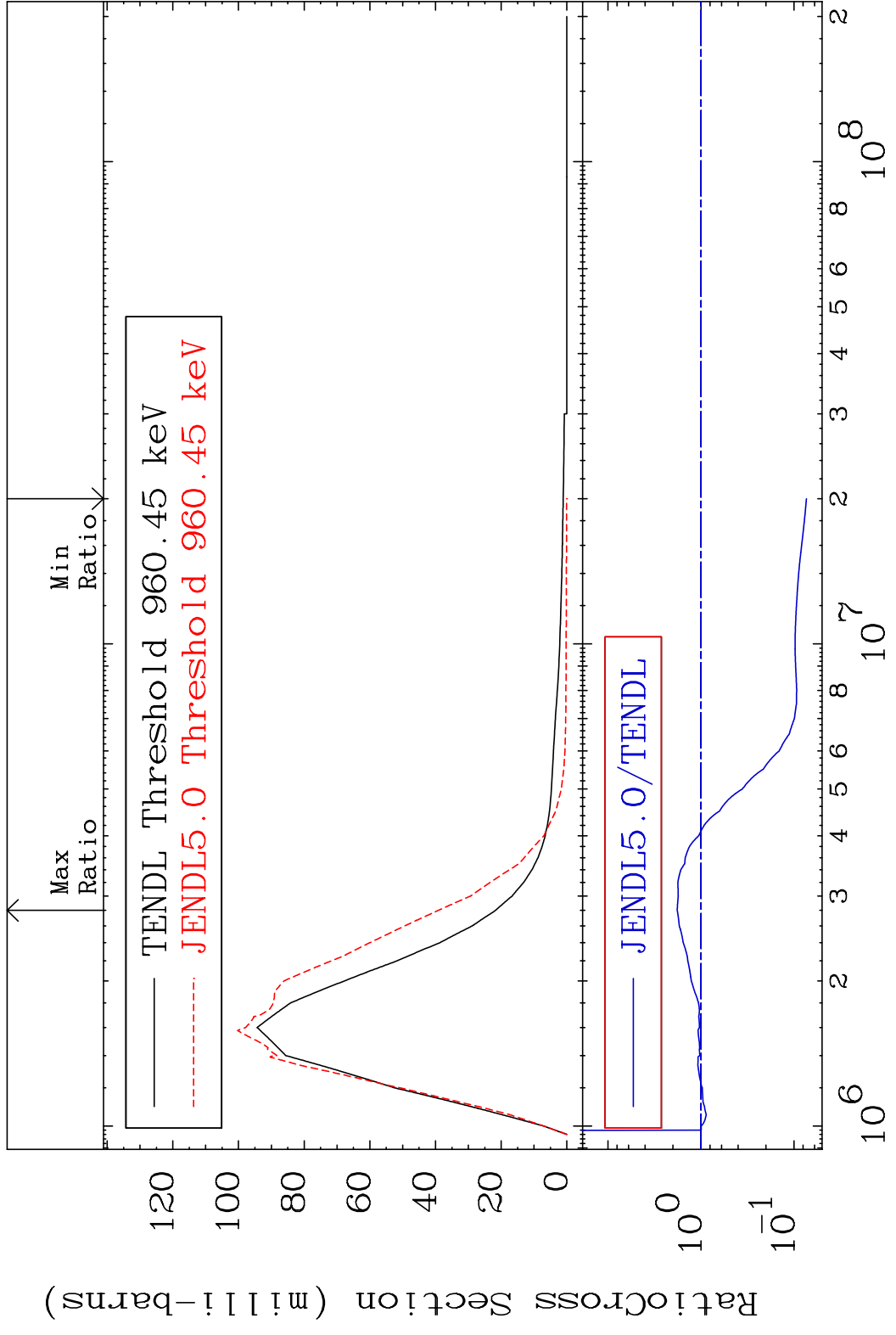
14 Incident Energy (eV) 76-0s-190

MAT 7643 MT= 55 (n, n') Level 76-0s-190
 Cross Section 6.930 To 9999. %

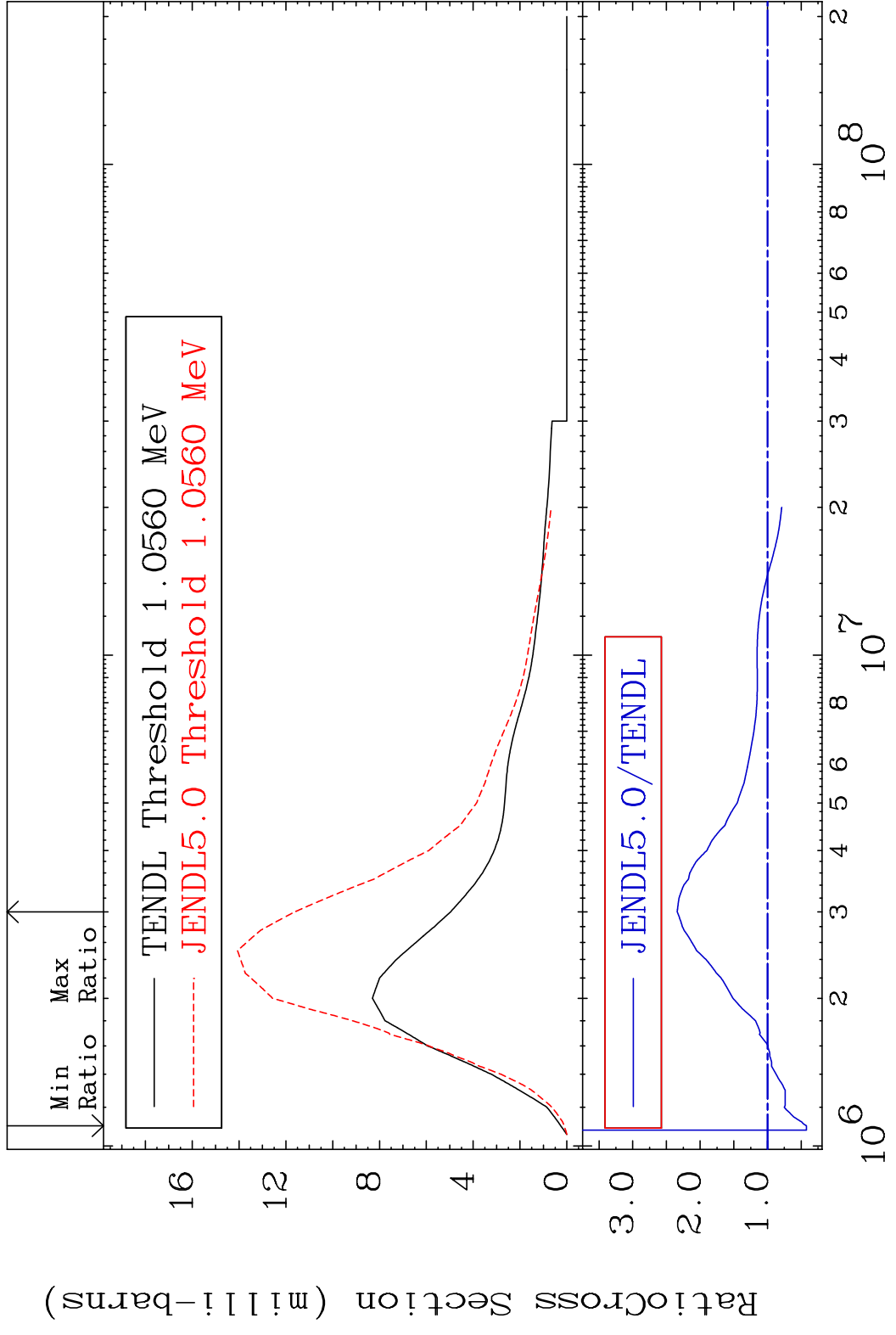


15 Incident Energy (eV) 76-0s-190

MAT 7643 MT= 56 (n, n') Level 76-0s-190
 Cross Section -92.65 To 80.37 %

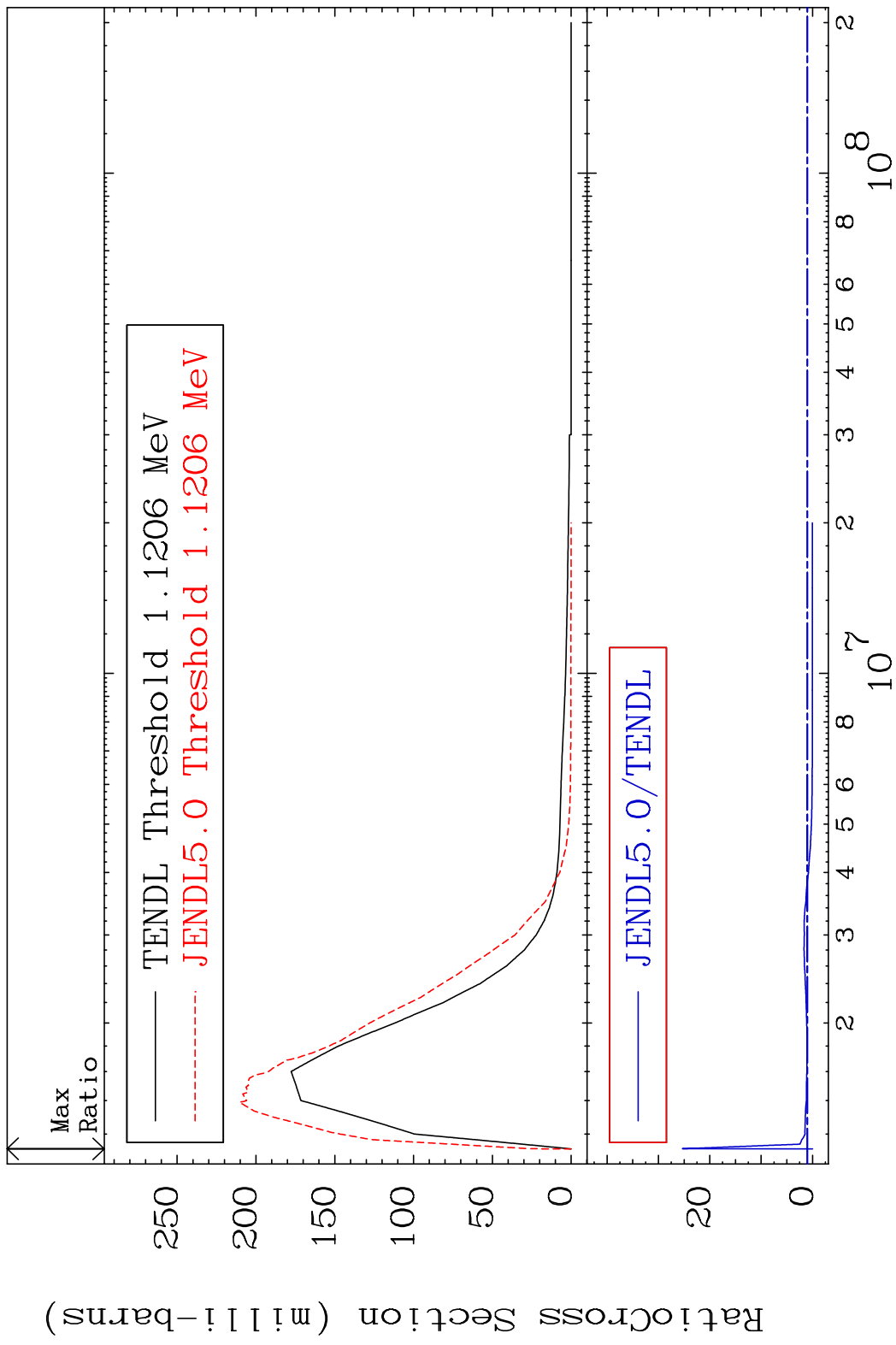


MAT 7643 MT= 57 (n,n') Level 76-0s-190
 Cross Section -57.68 To 134.0 %

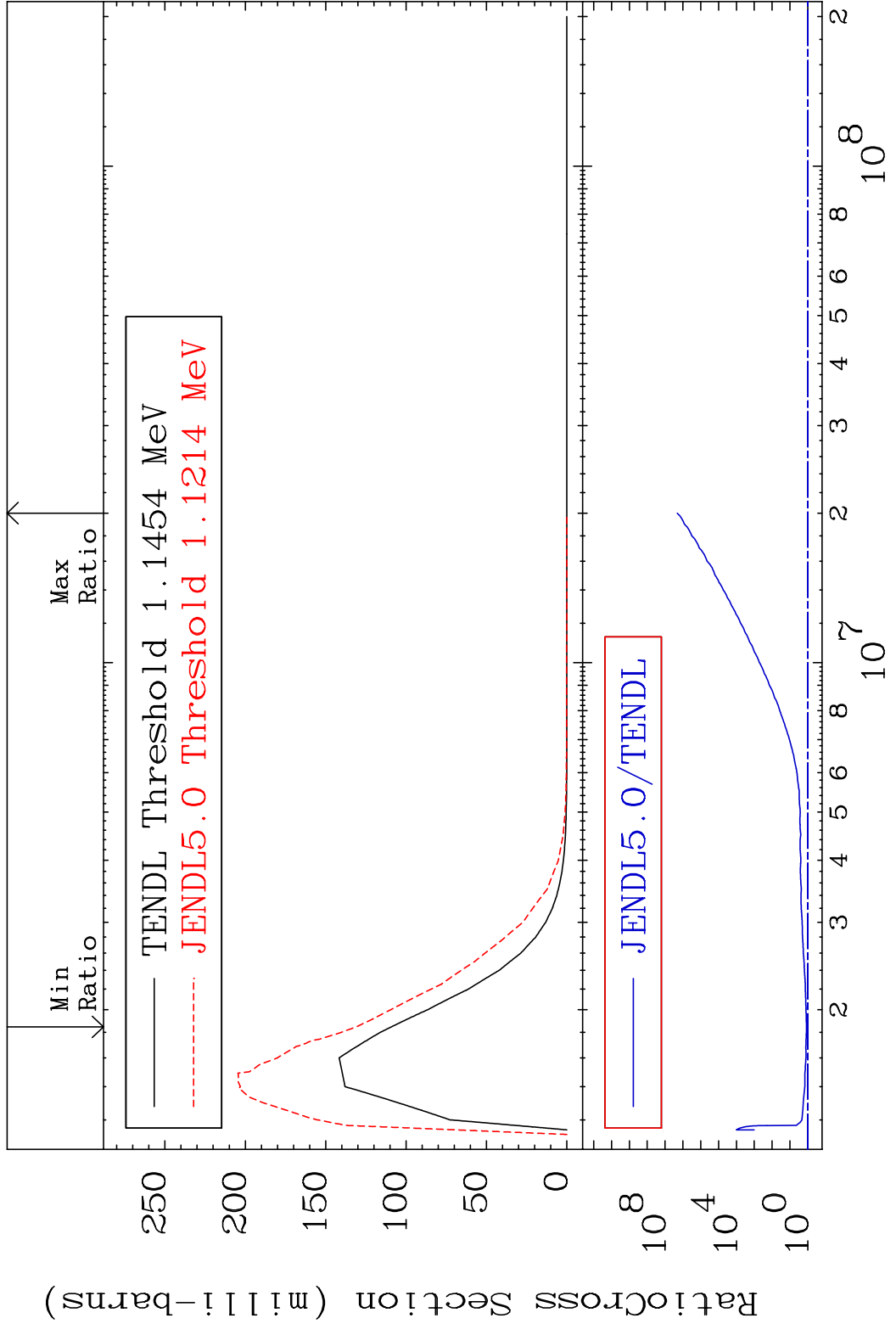


17 Incident Energy (eV) 76-0s-190

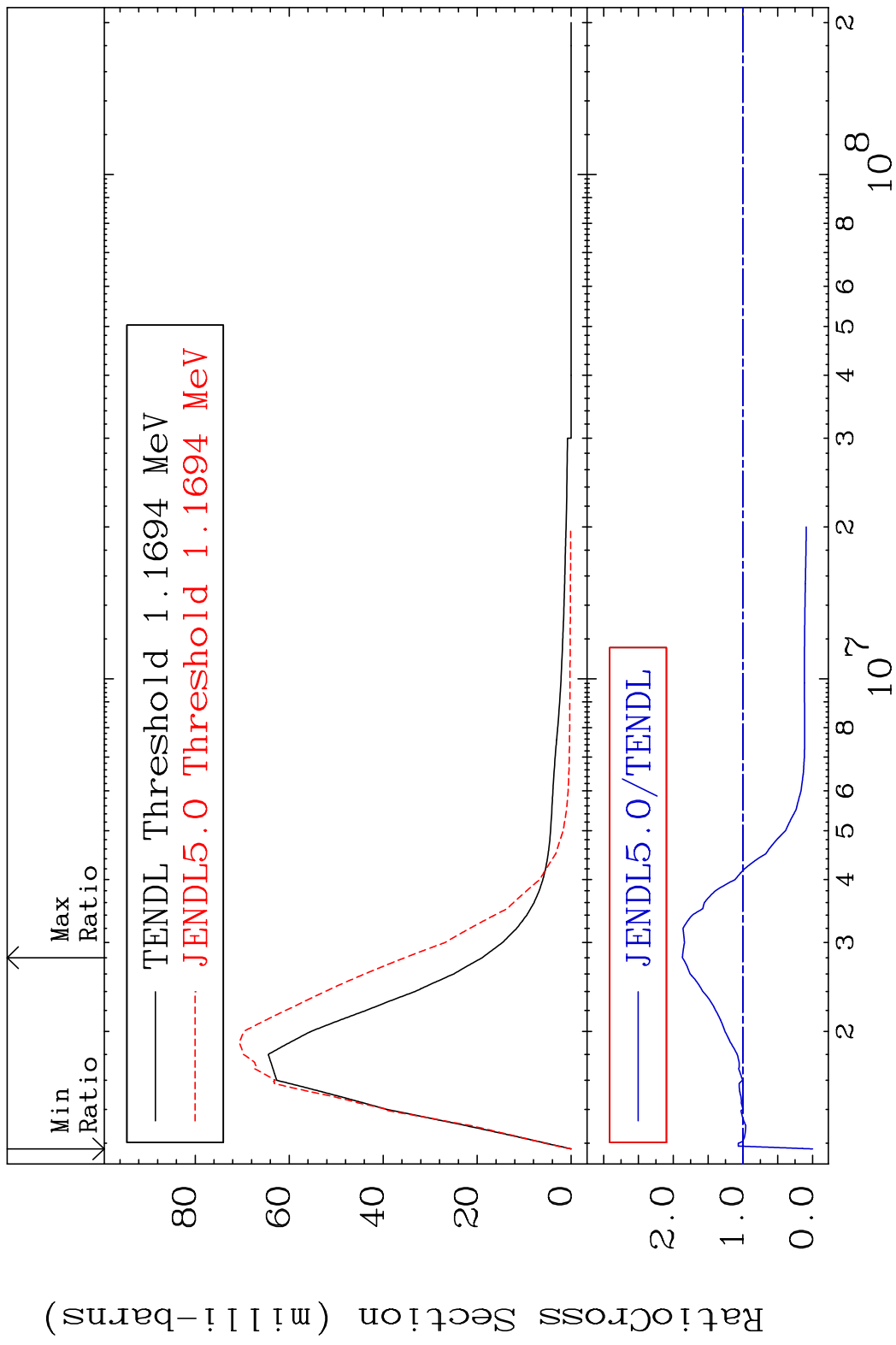
MAT 7643 MT= 58 (n,n') Level 76-0s-190
 Cross Section -100.0 To 2434. %



MAT 7643 MT= 59 (n, n') Level 76-0s-190
 Cross Section 19.95 To 9999. %

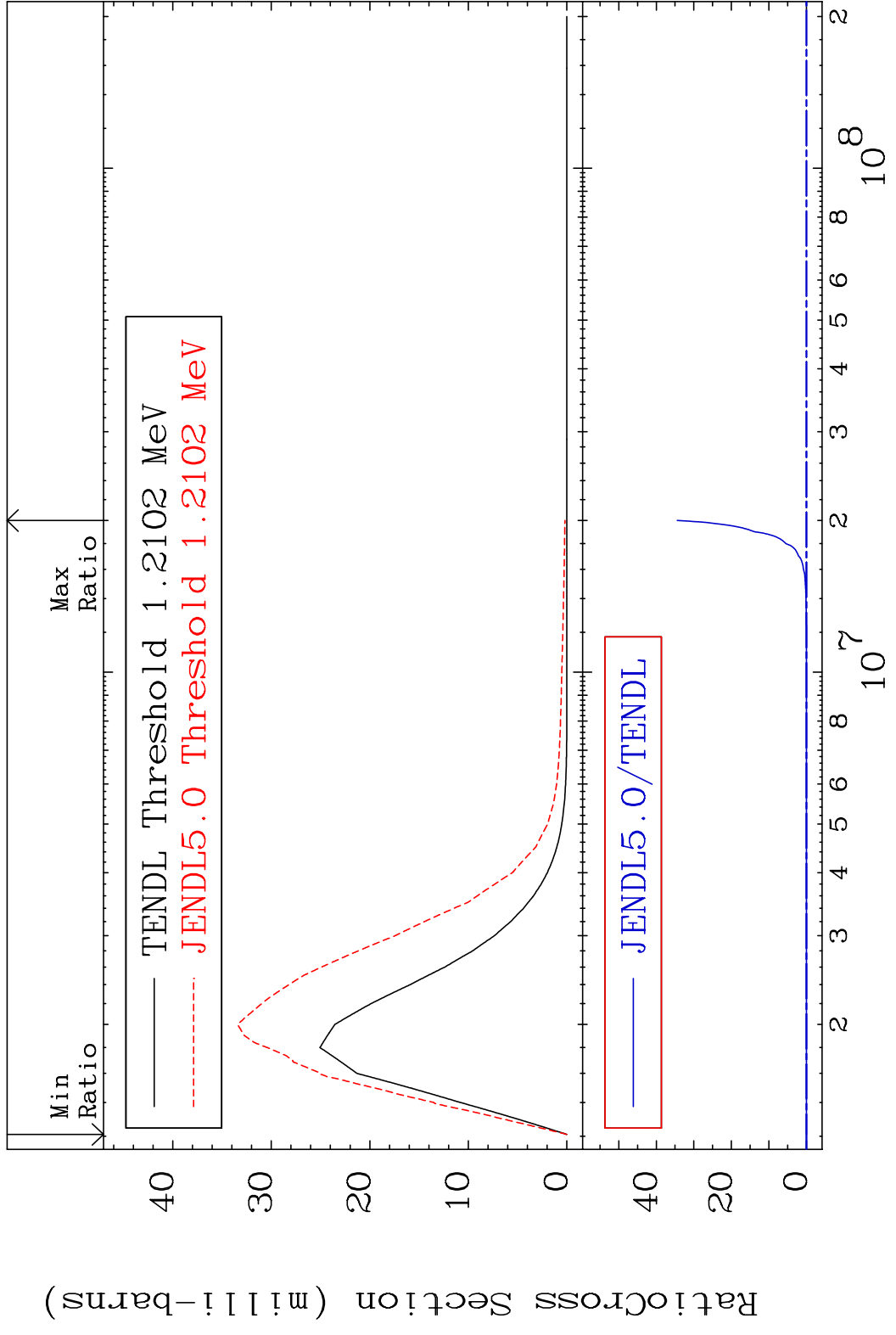


MAT 7643 MT= 60 (n, n') Level 76-0s-190
 Cross Section -100.0 To 86.98 %

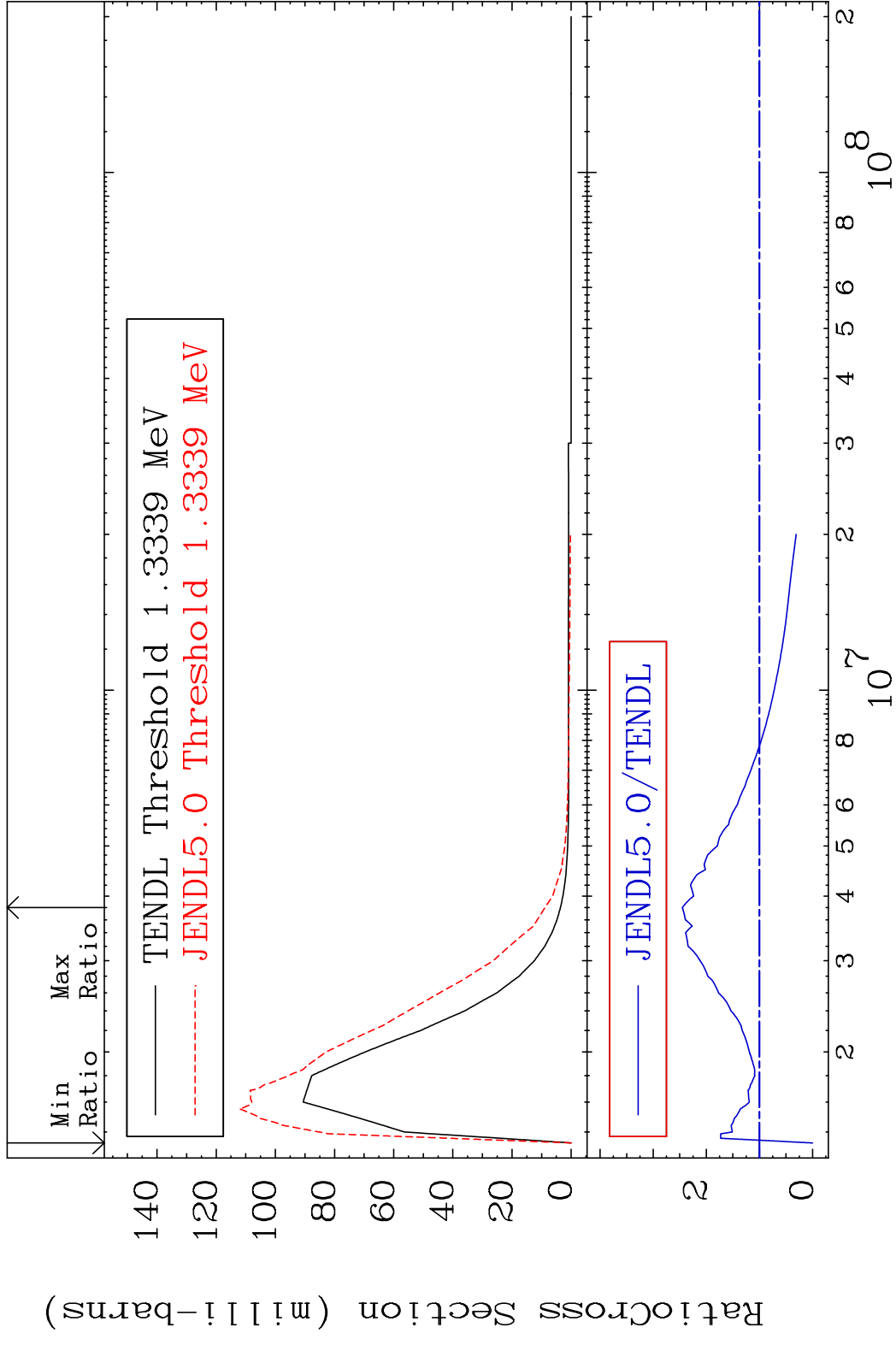


20 Incident Energy (eV) 76-0s-190

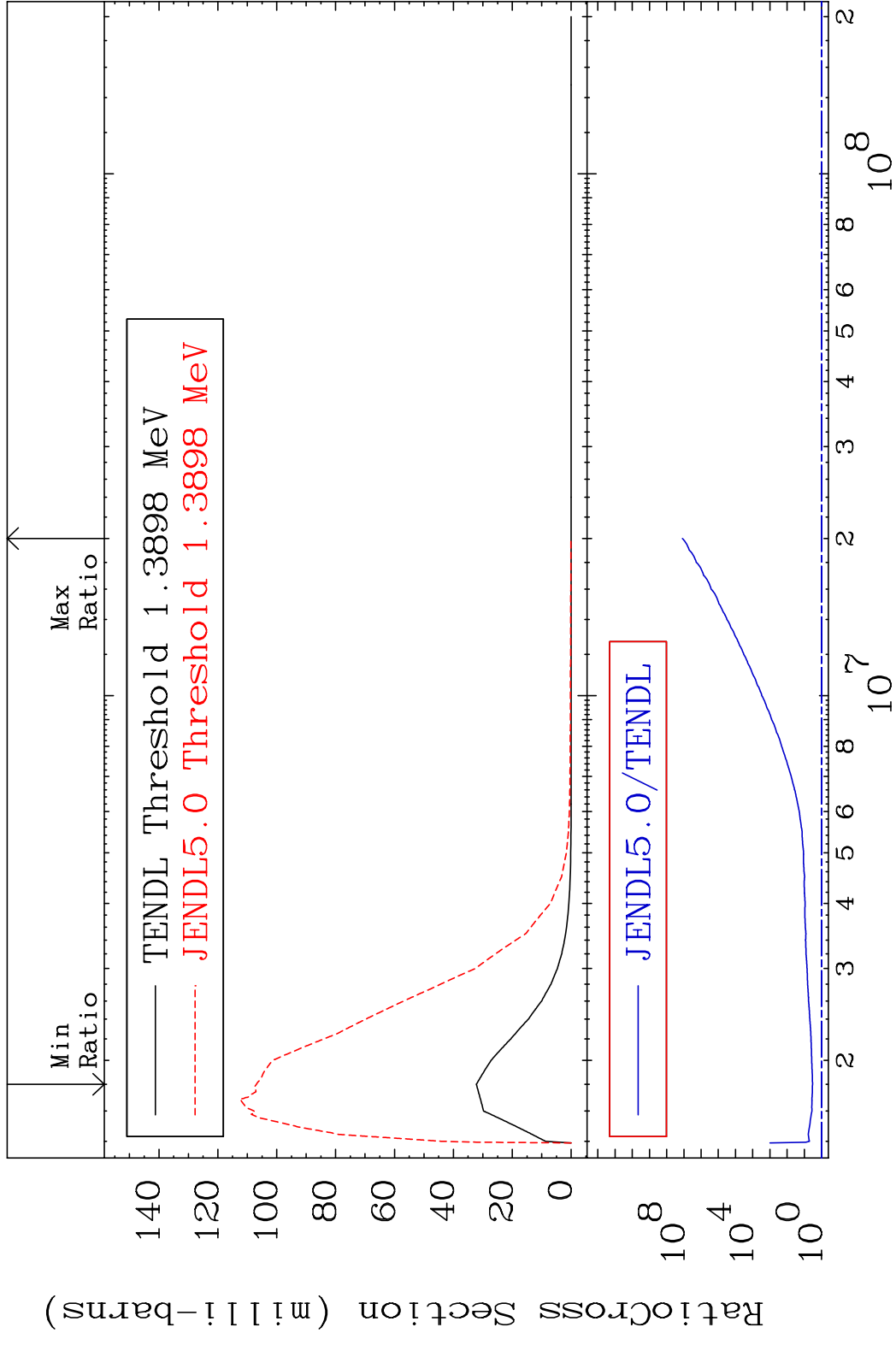
MAT 7643 MT= 61 (n, n') Level 76-0s-190
 Cross Section -100.0 To 9999. %



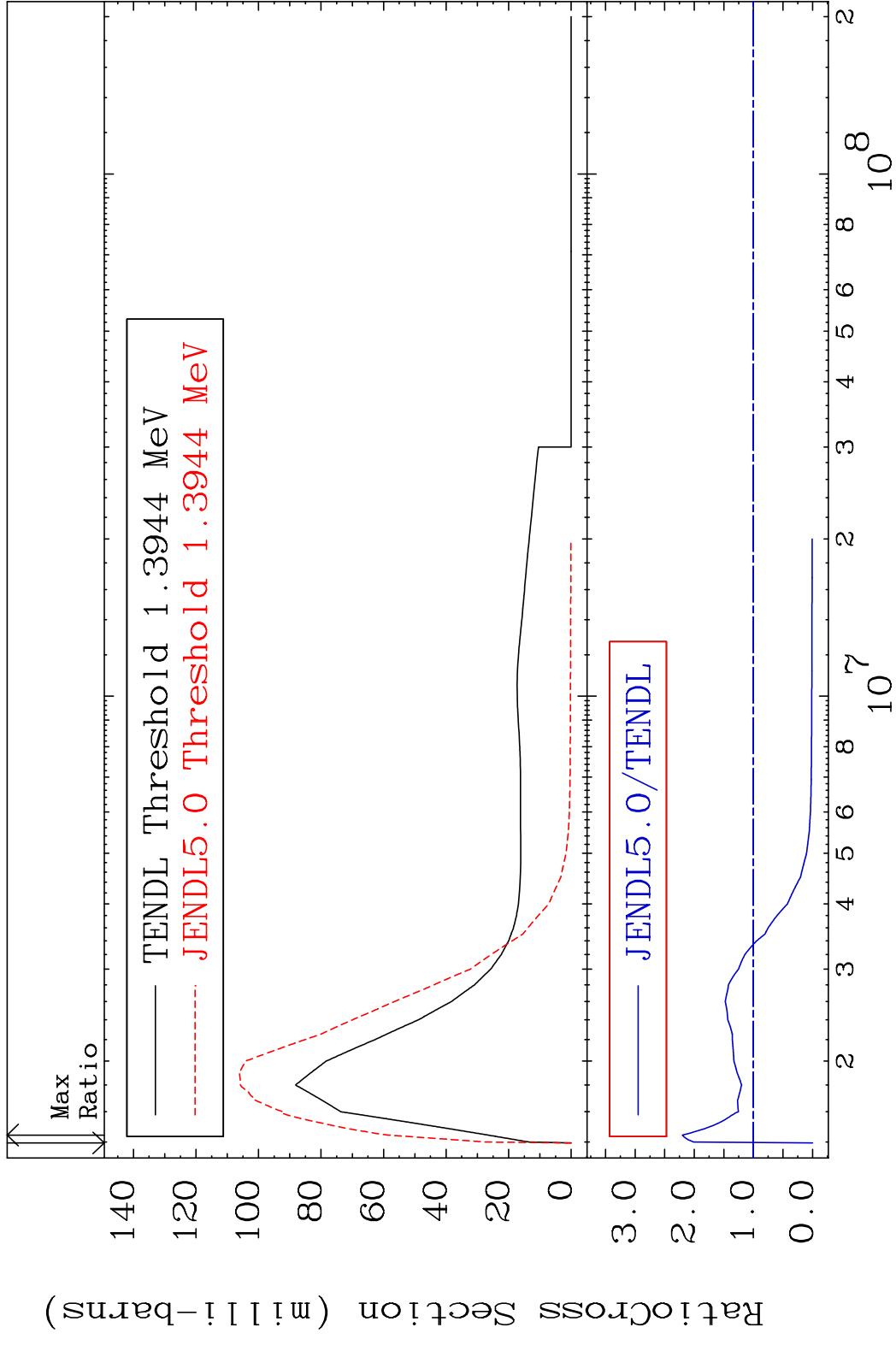
MAT 7643 MT= 62 (n, n') Level 76-0s-190
 Cross Section -100.0 To 145.1 %



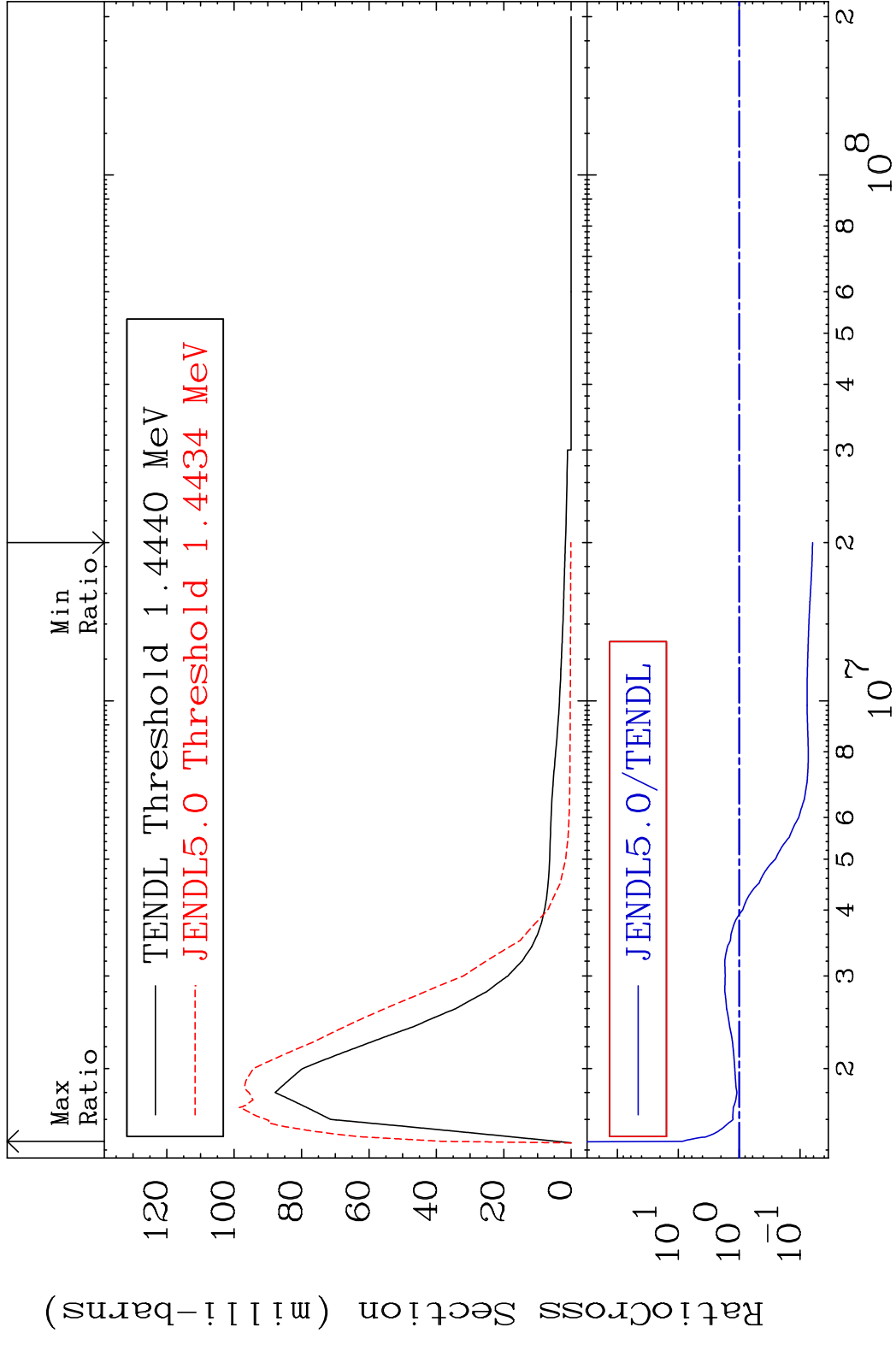
MAT 7643 MT= 63 (n, n') Level 76-0s-190
 Cross Section 231.8 To 9999. %



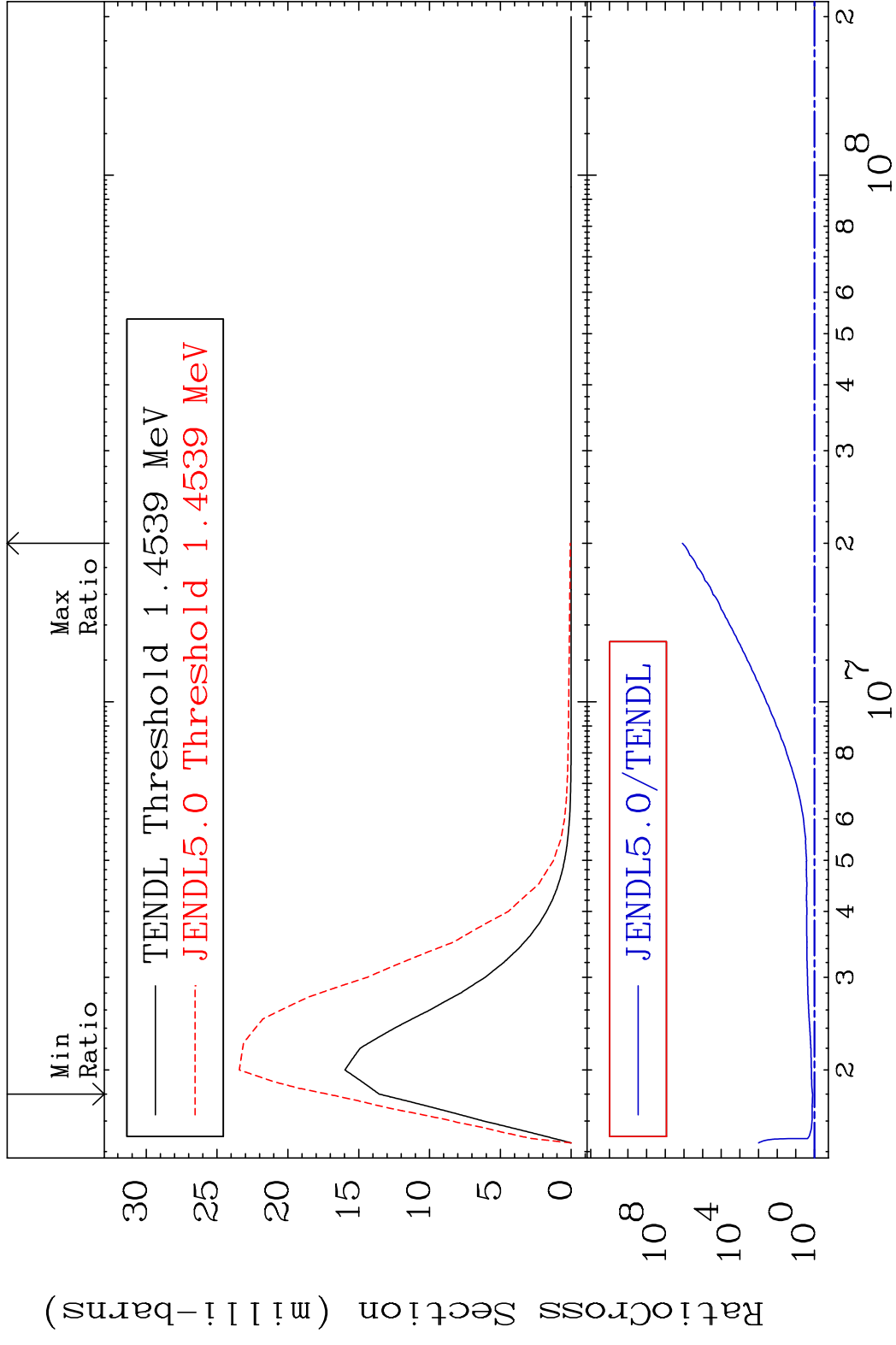
MAT 7643 MT= 64 (n,n') Level 76-0s-190
 Cross Section -100.0 To 120.1 %



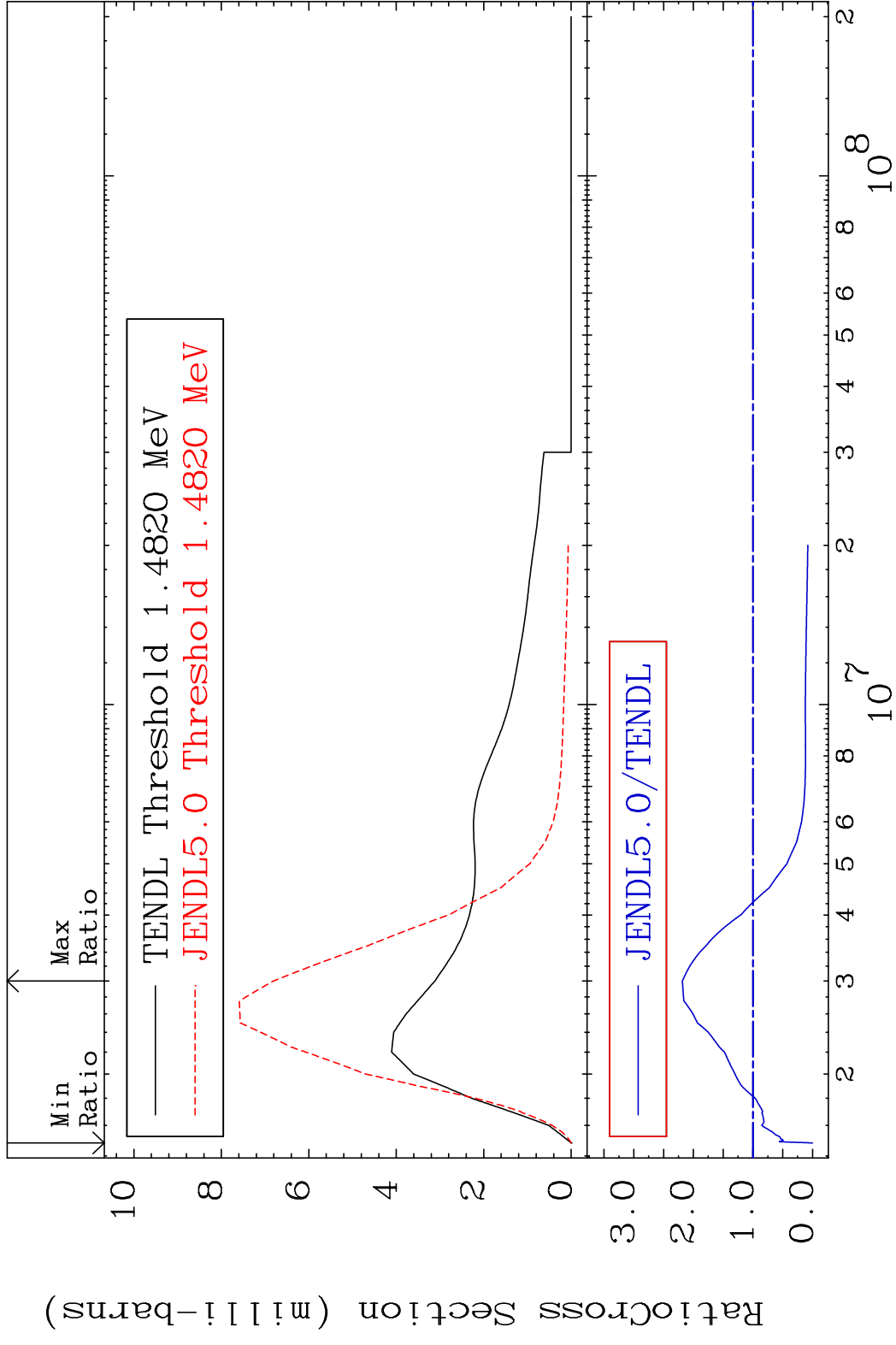
MAT 7643 MT= 65 (n, n') Level 76-0s-190
 Cross Section -93.75 To 758.3 %



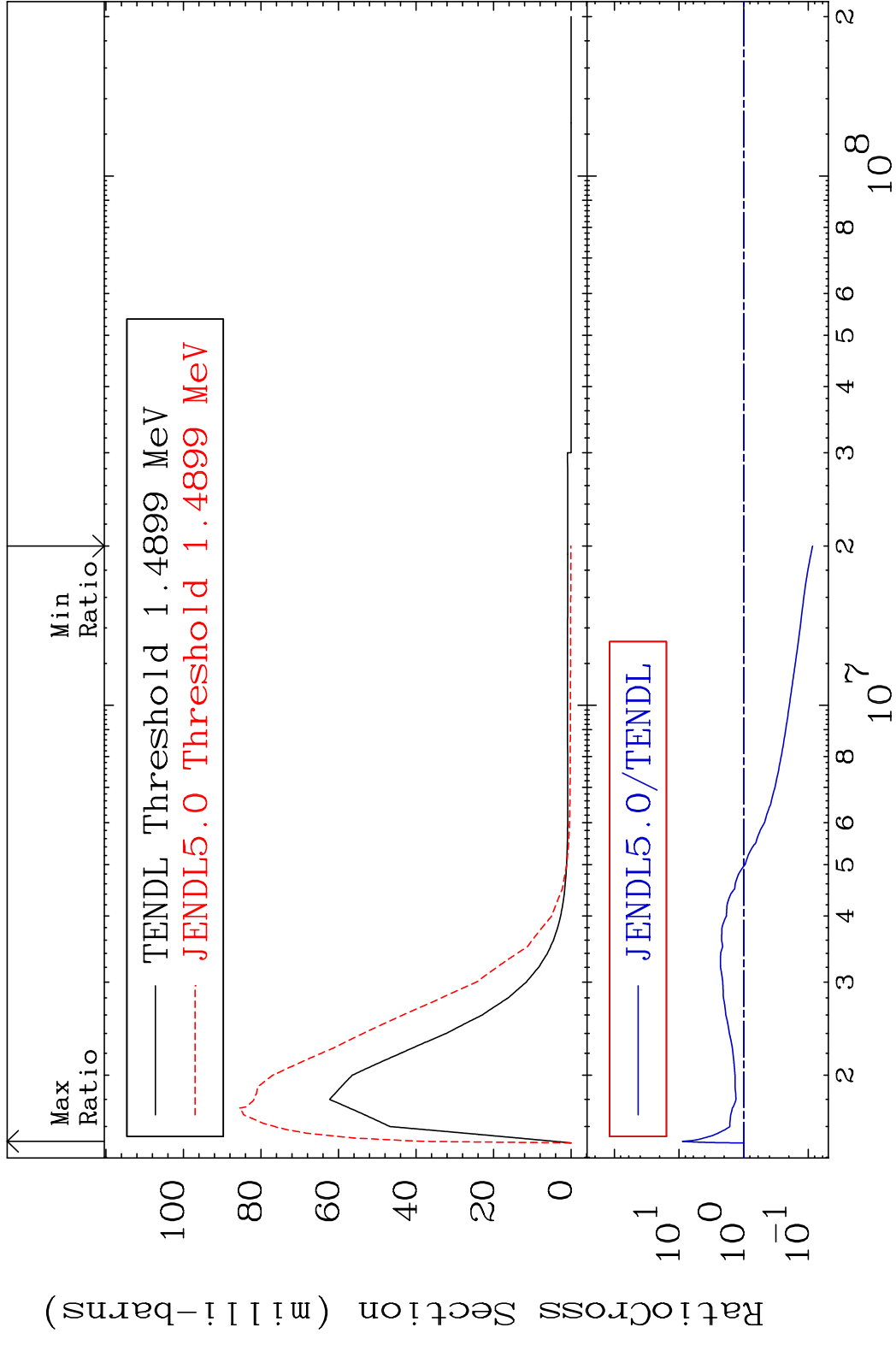
MAT 7643 MT= 66 (n, n') Level 76-0s-190
 Cross Section 26.93 To 9999. %



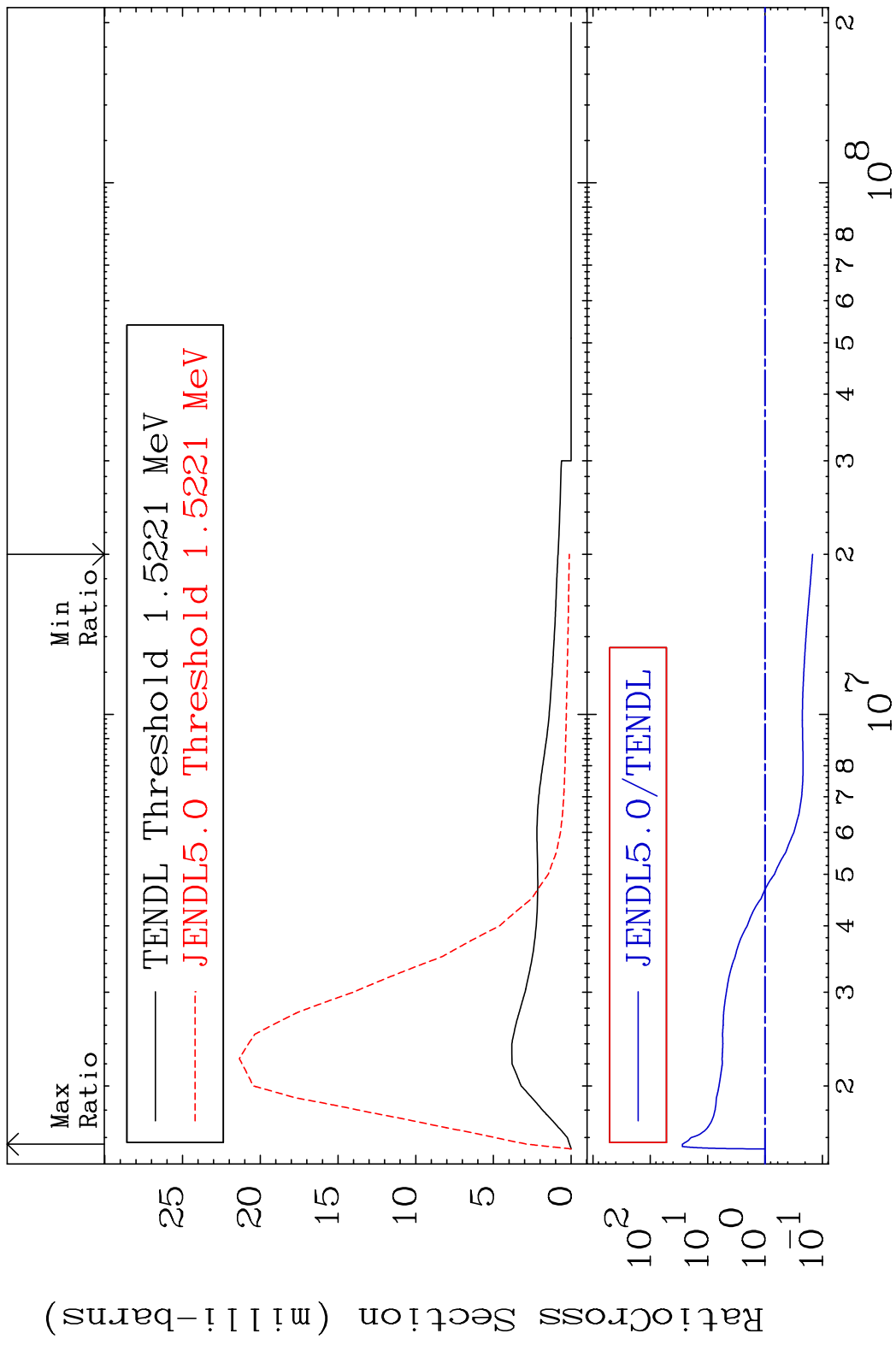
MAT 7643 MT= 67 (n, n') Level 76-0s-190
 Cross Section -100.0 To 118.5 %



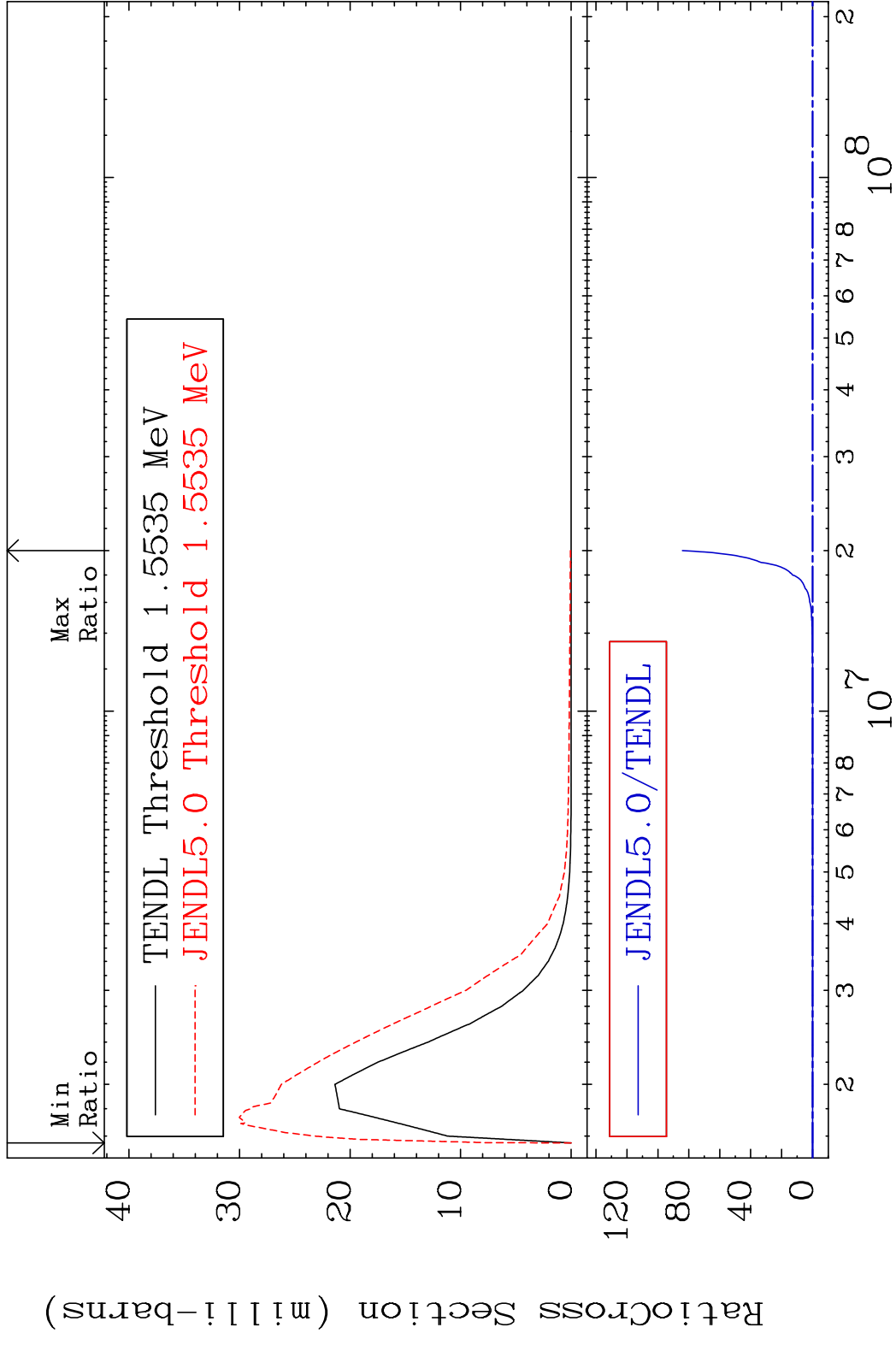
MAT 7643 MT= 68 (n,n') Level 76-0s-190
 Cross Section -91.40 To 789.0 %



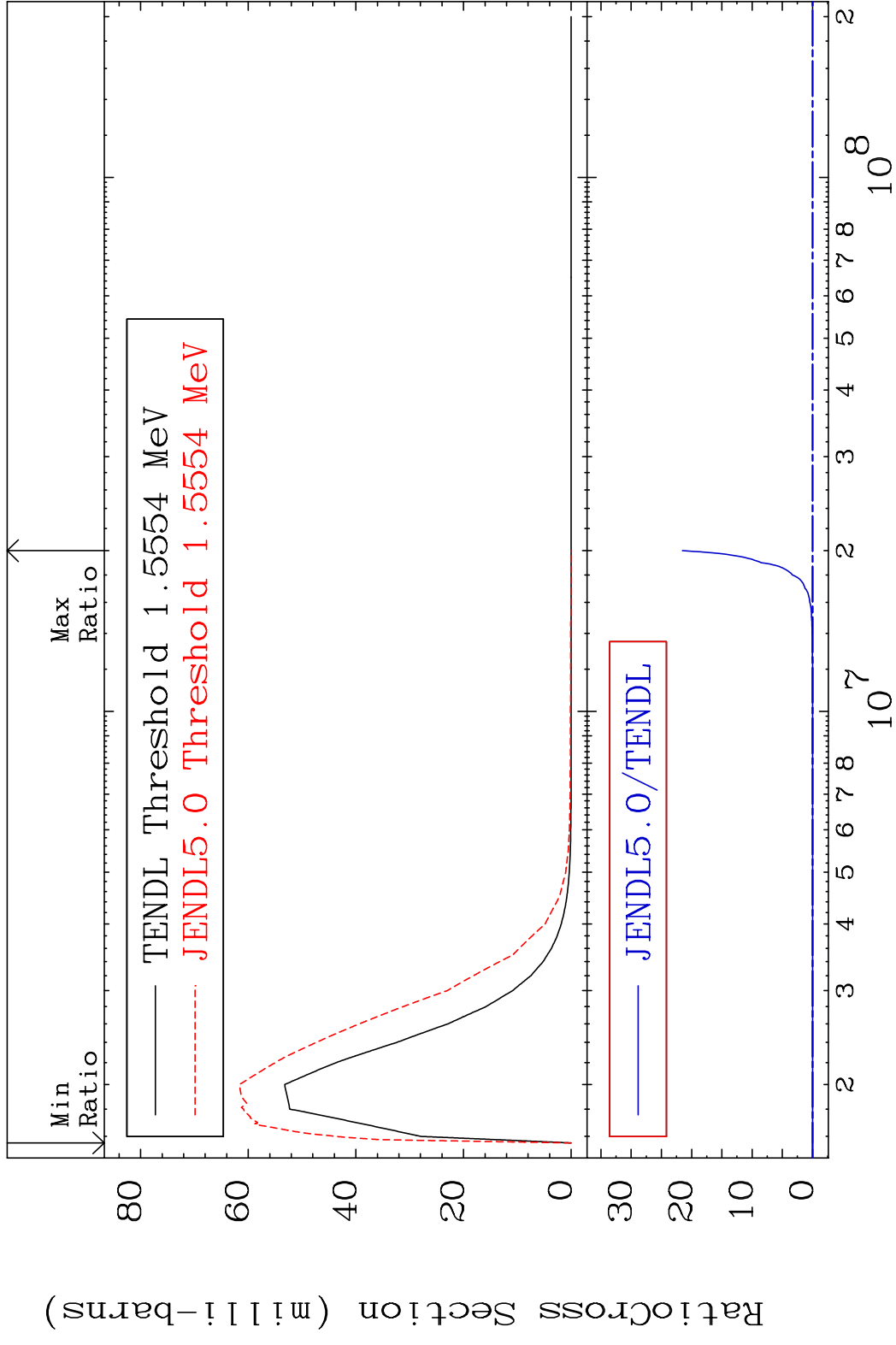
MAT 7643 MT= 69 (n,n') Level 76-0s-190
 Cross Section -85.16 To 2664. %



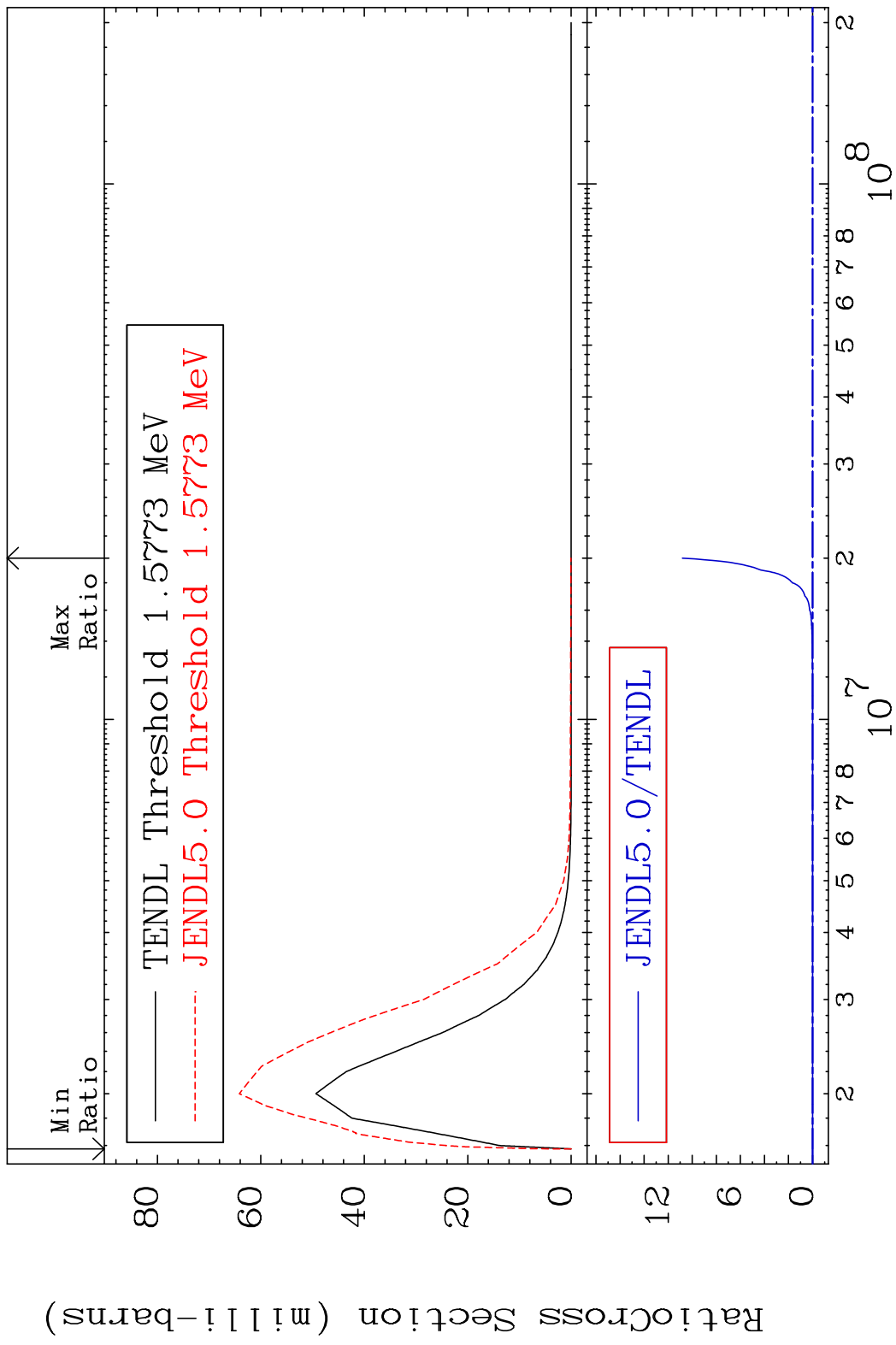
MAT 7643 MT= 70 (n, n') Level 76-0s-190
 Cross Section -100.0 To 9999. %



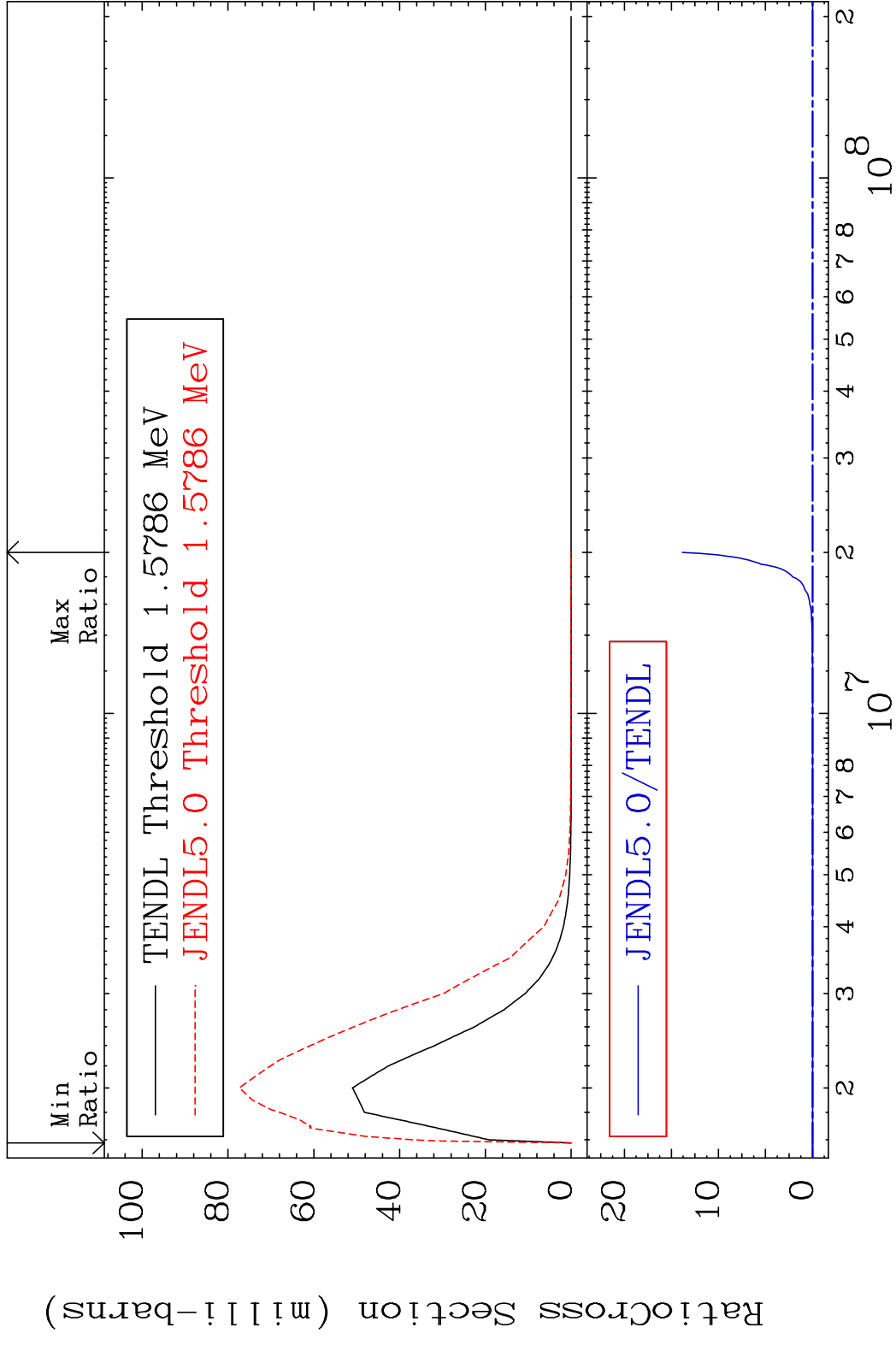
MAT 7643 MT= 71 (n, n') Level 76-0s-190
 Cross Section -100.0 To 9999. %



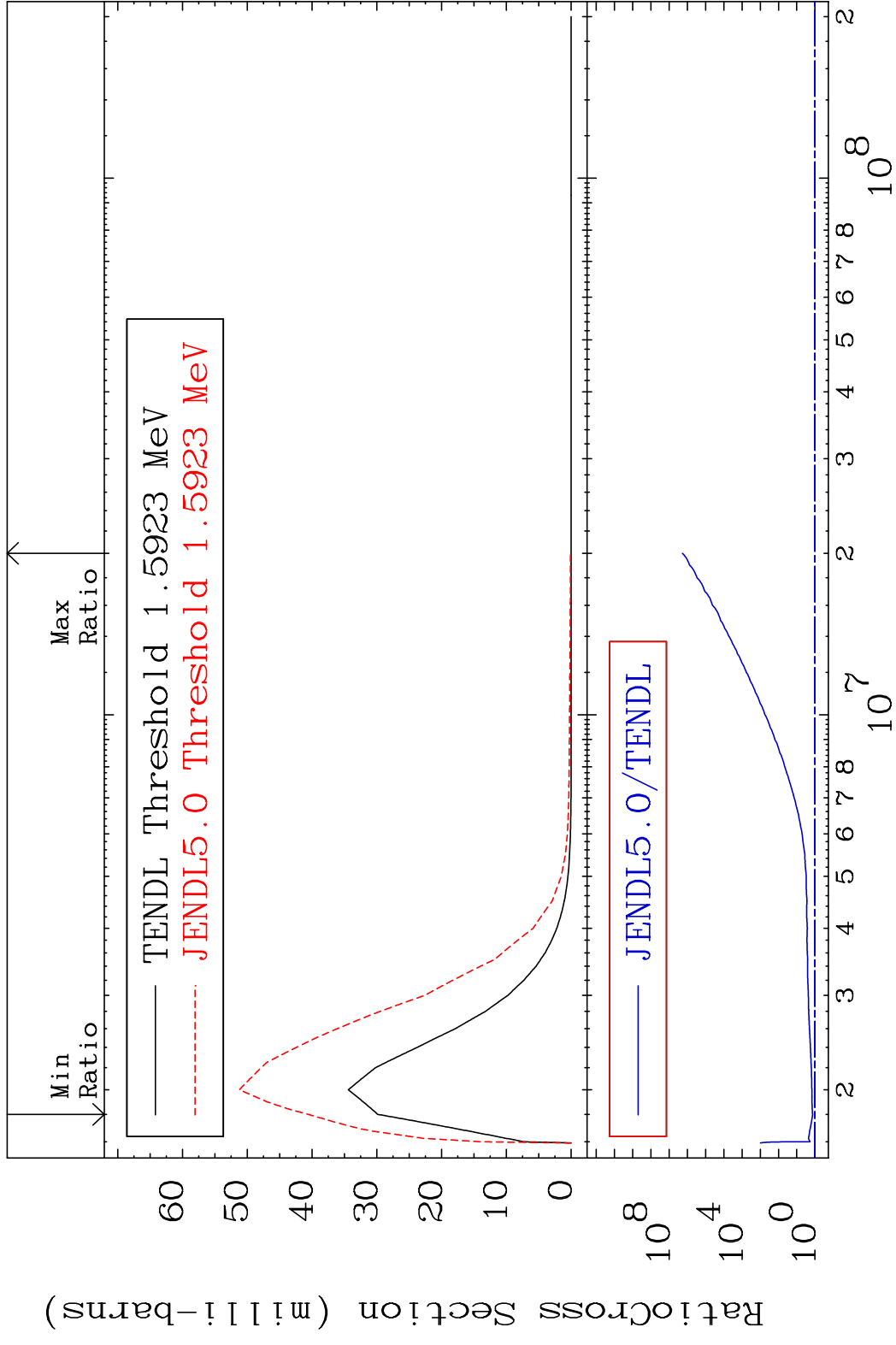
MAT 7643 MT= 72 (n, n') Level 76-0s-190
 Cross Section -100.0 To 9999. %



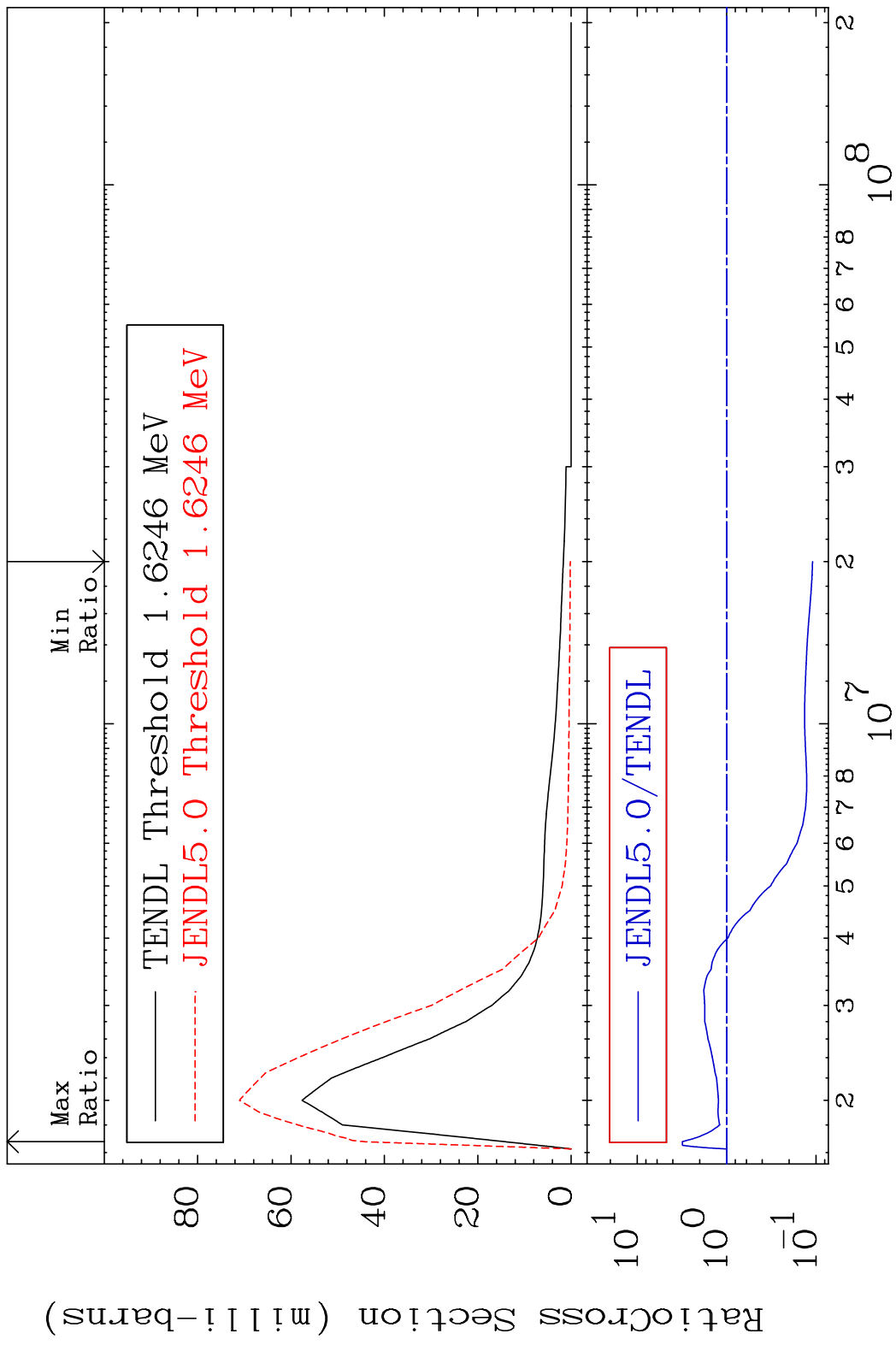
MAT 7643 MT= 73 (n, n') Level 76-0s-190
 Cross Section -100.0 To 9999. %



MAT 7643 MT= 74 (n, n') Level 76-0s-190
 Cross Section 36.01 To 9999. %



MAT 7643 MT= 75 (n,n') Level 76-0s-190
 Cross Section -89.06 To 212.6 %



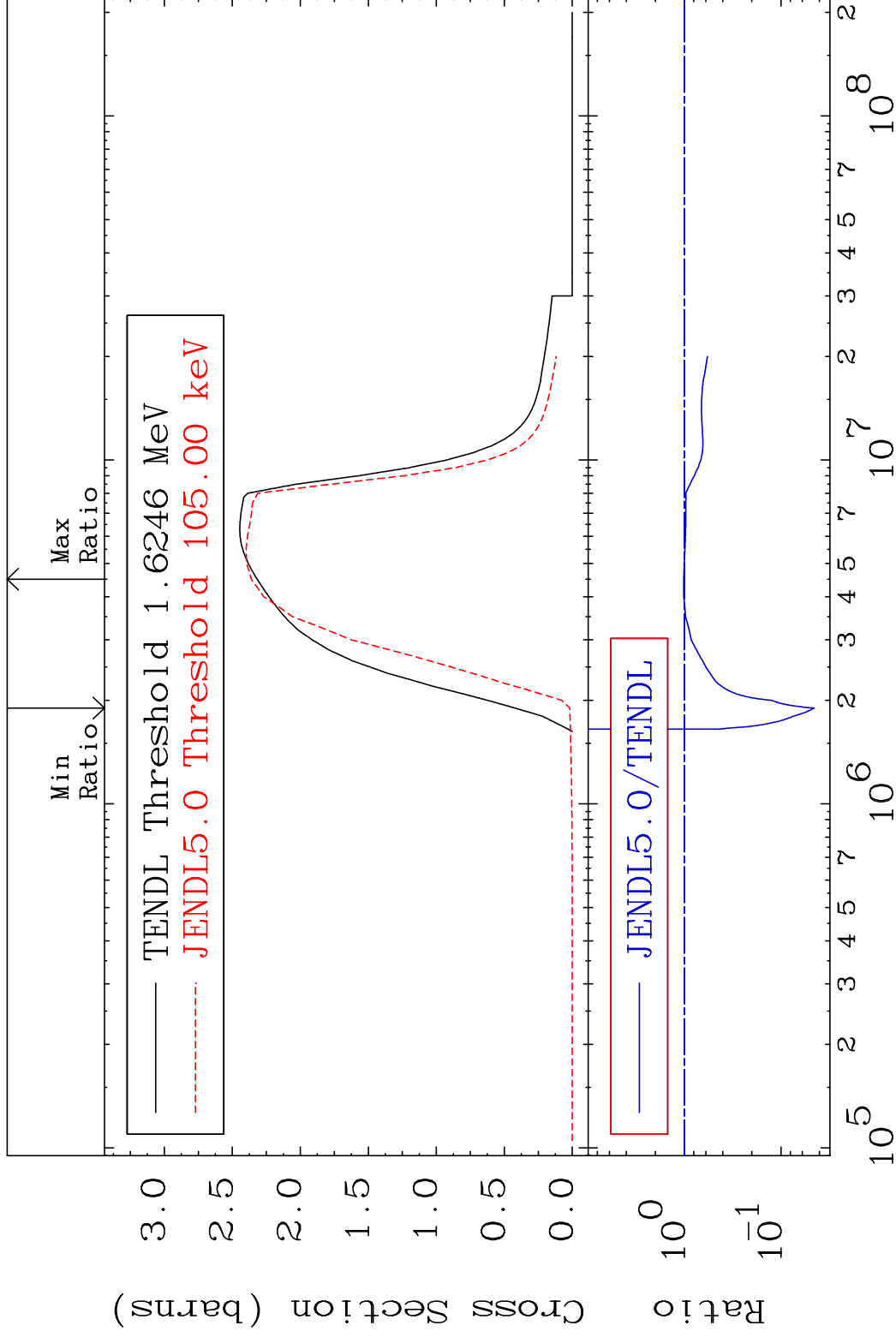
35 Incident Energy (eV) 76-0s-190

MAT 7643

(n, n') Continuum

76-0s-190

Cross Section -95.47 To 1.892 %



36

Incident Energy (eV)

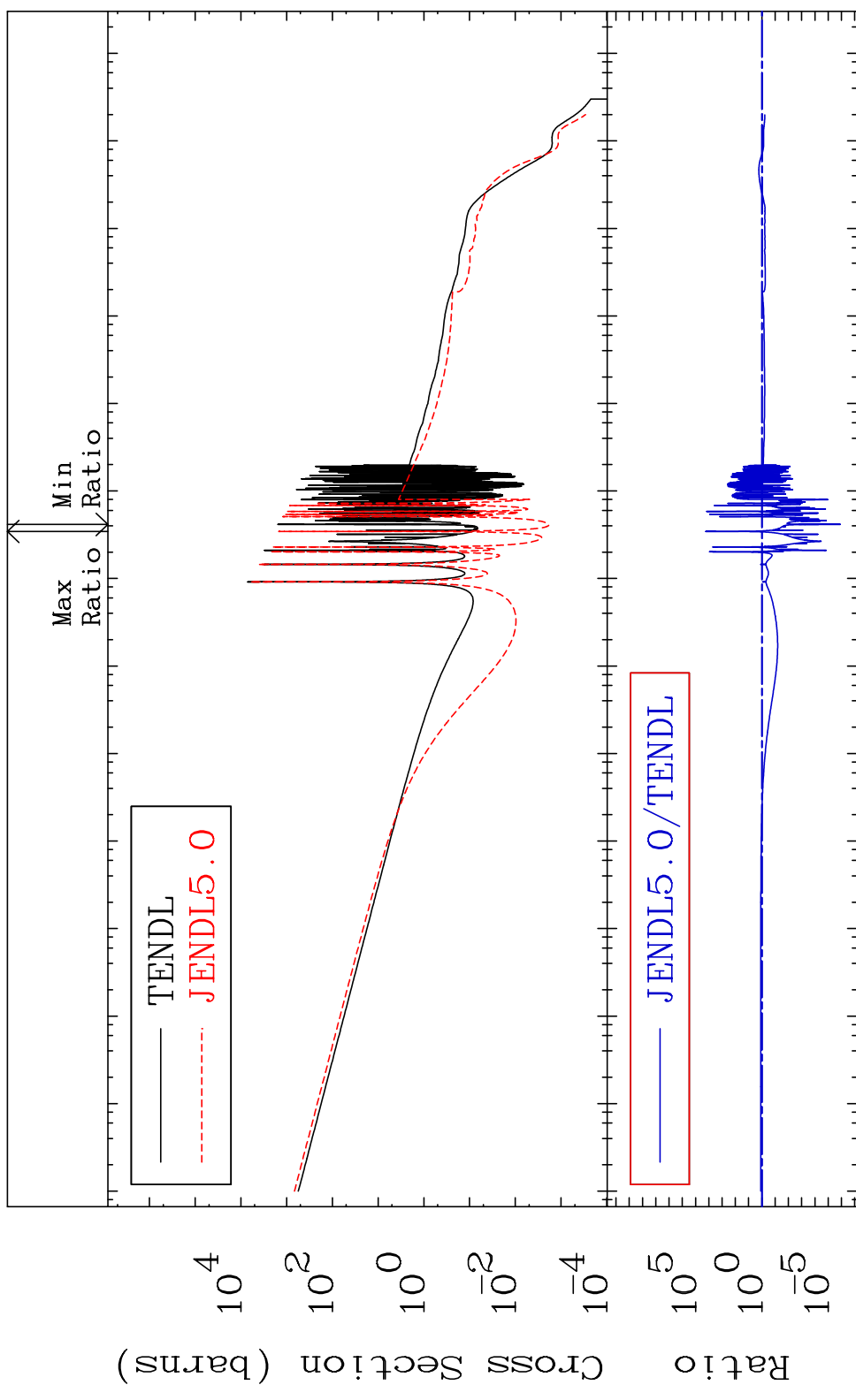
76-0s-190

MAT 7643

(n, γ)

76-0s-190

Cross Section -100.0 To 9999. %

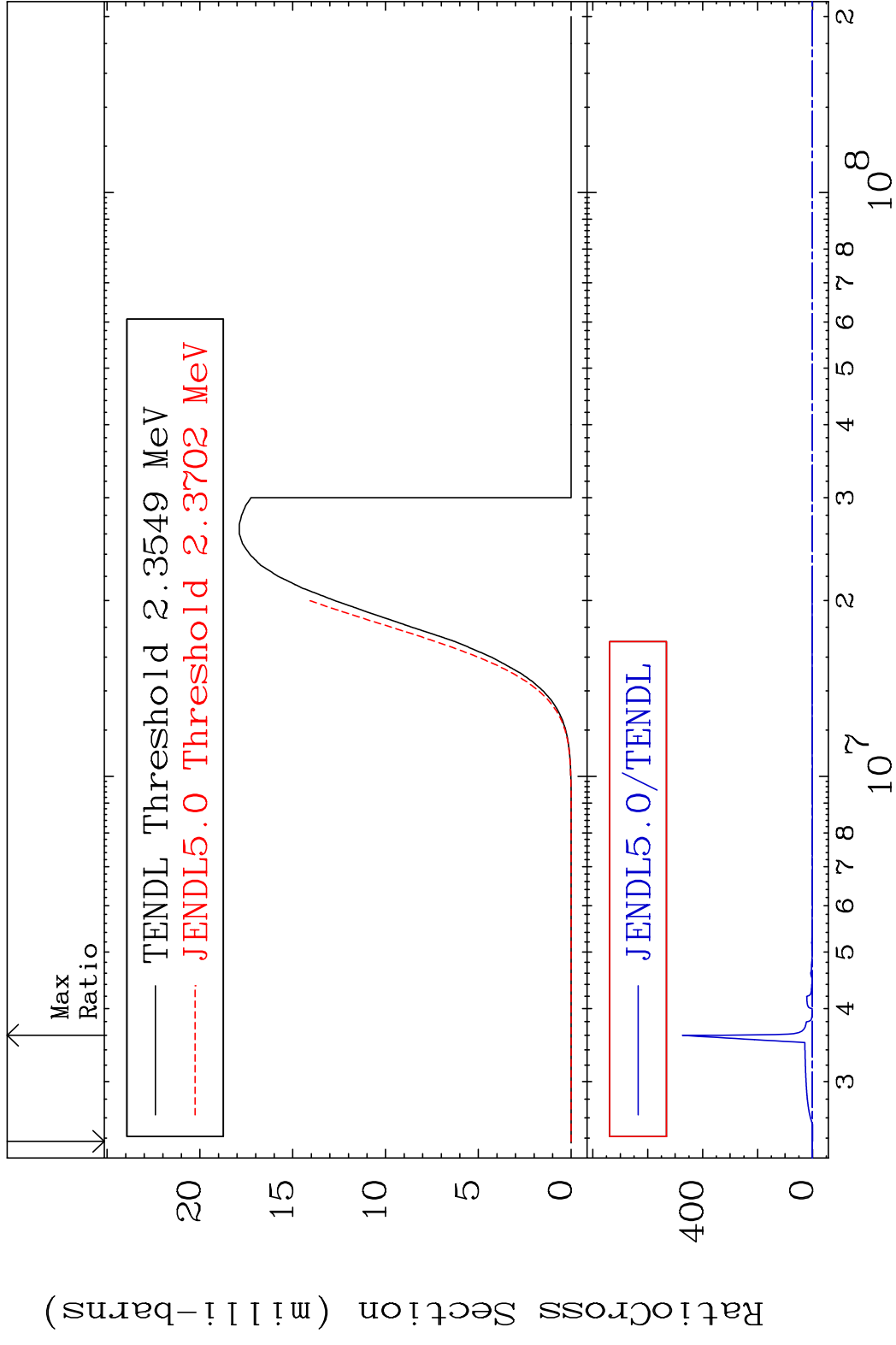


MAT 7643

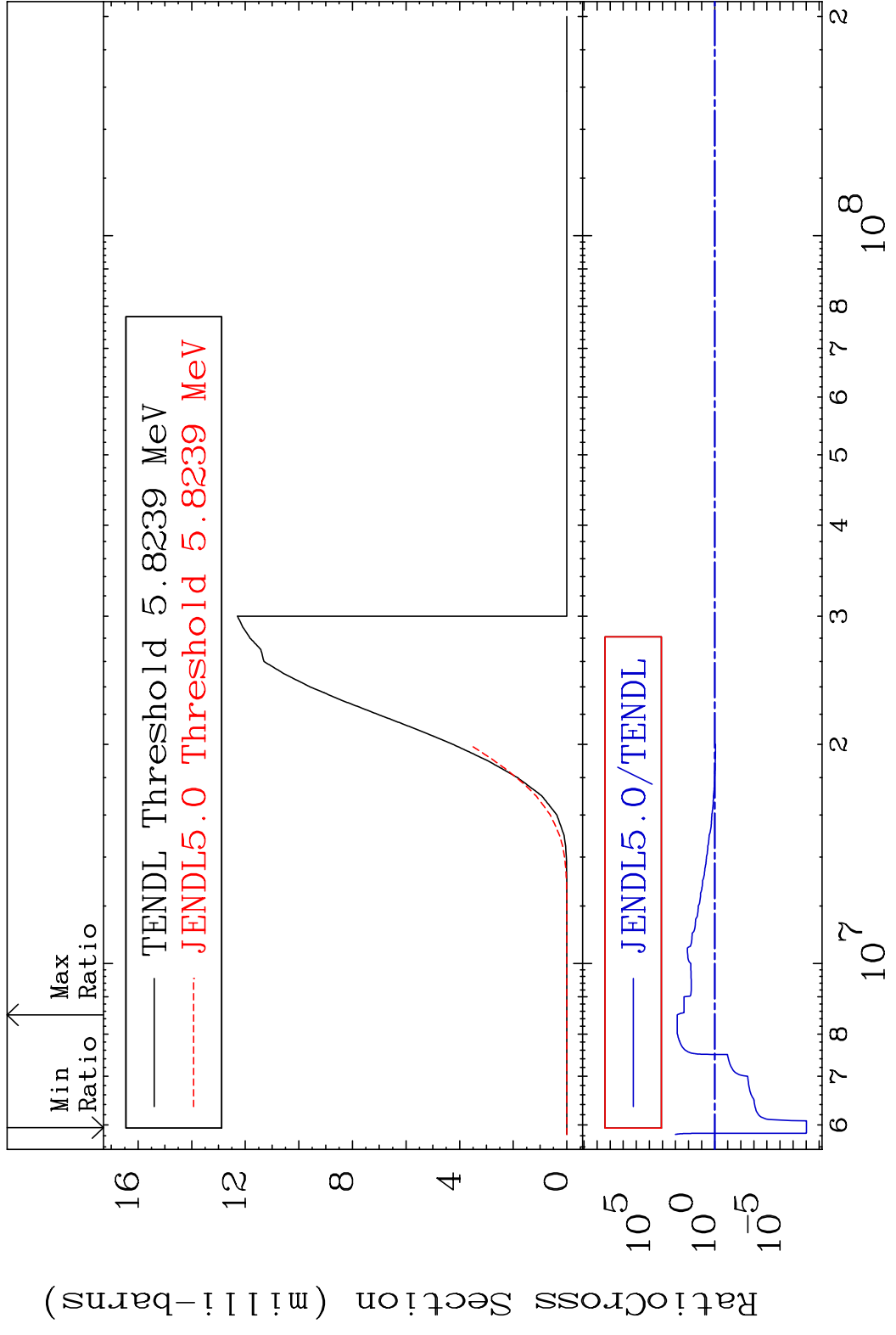
(n,p)

76-Os-190

Cross Section -100.0 To 9999. %



MAT 7643 (n,d) 76-0s-190
 Cross Section -100.0 To 9999. %



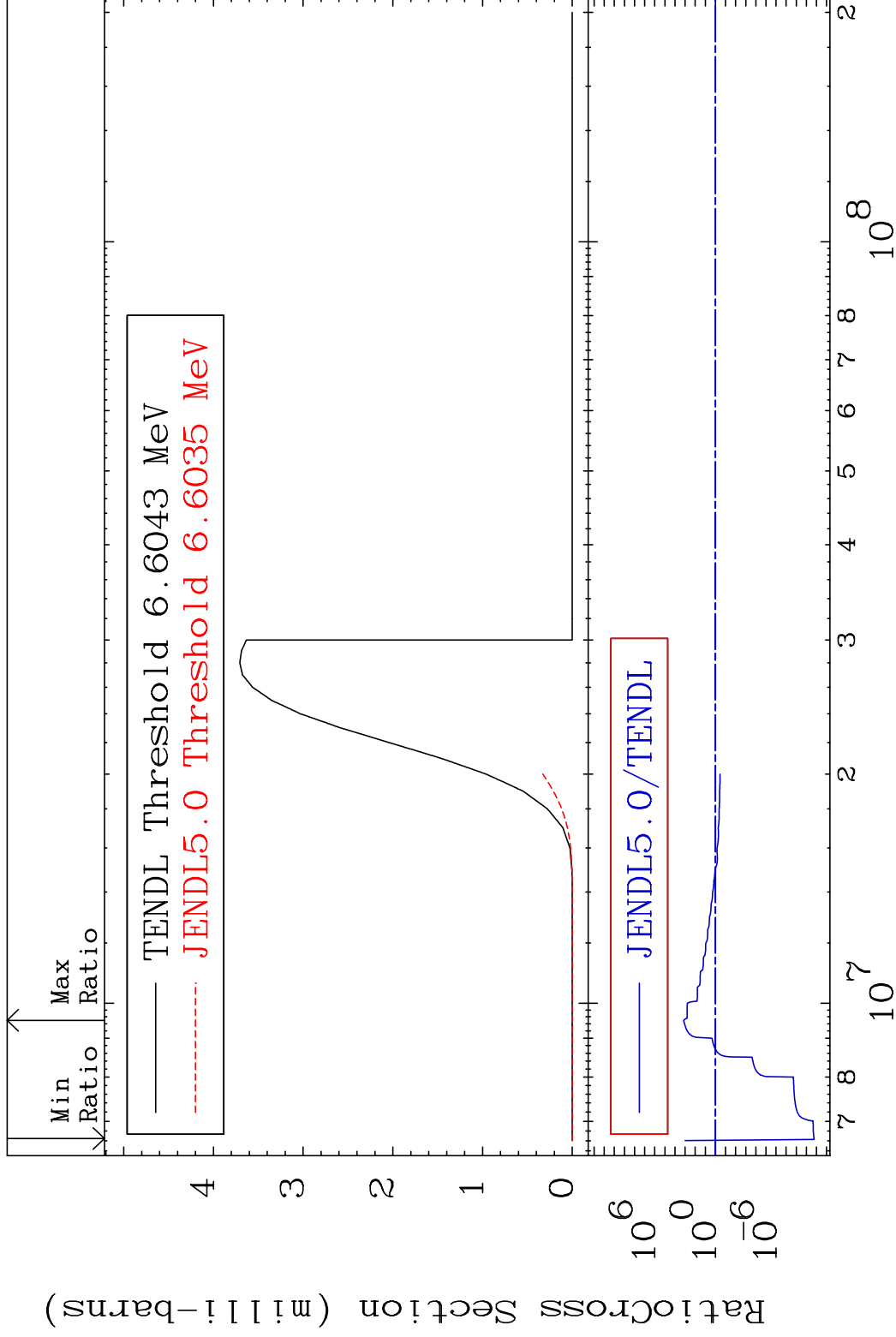
39 Incident Energy (eV) 76-0s-190

MAT 7643

(n, t)

76-Os-190

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

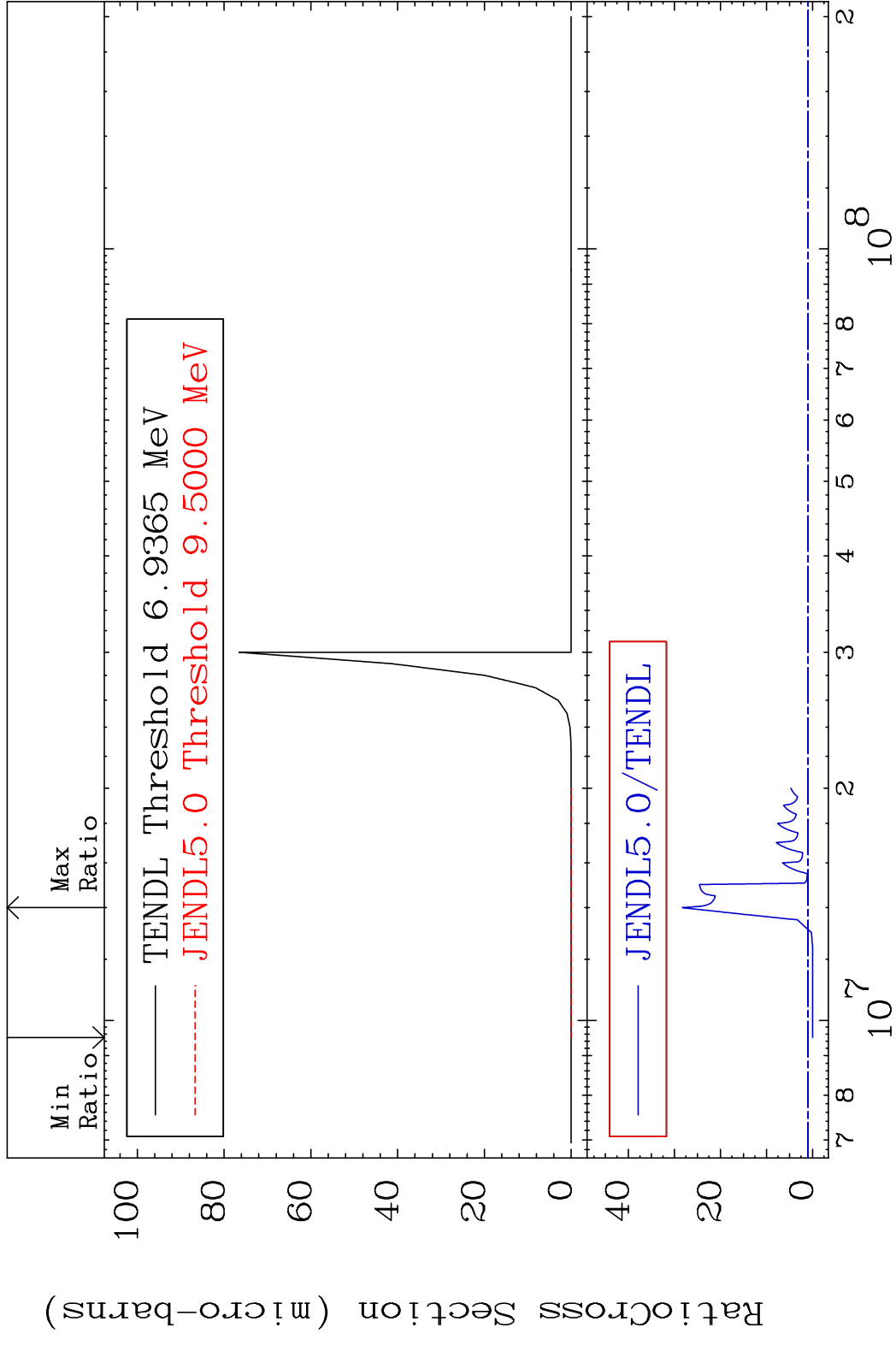
76-Os-190

MAT 7643

(n, He-3)

76-0s-190

Cross Section -100.0 To 2727. %



41

Incident Energy (eV)

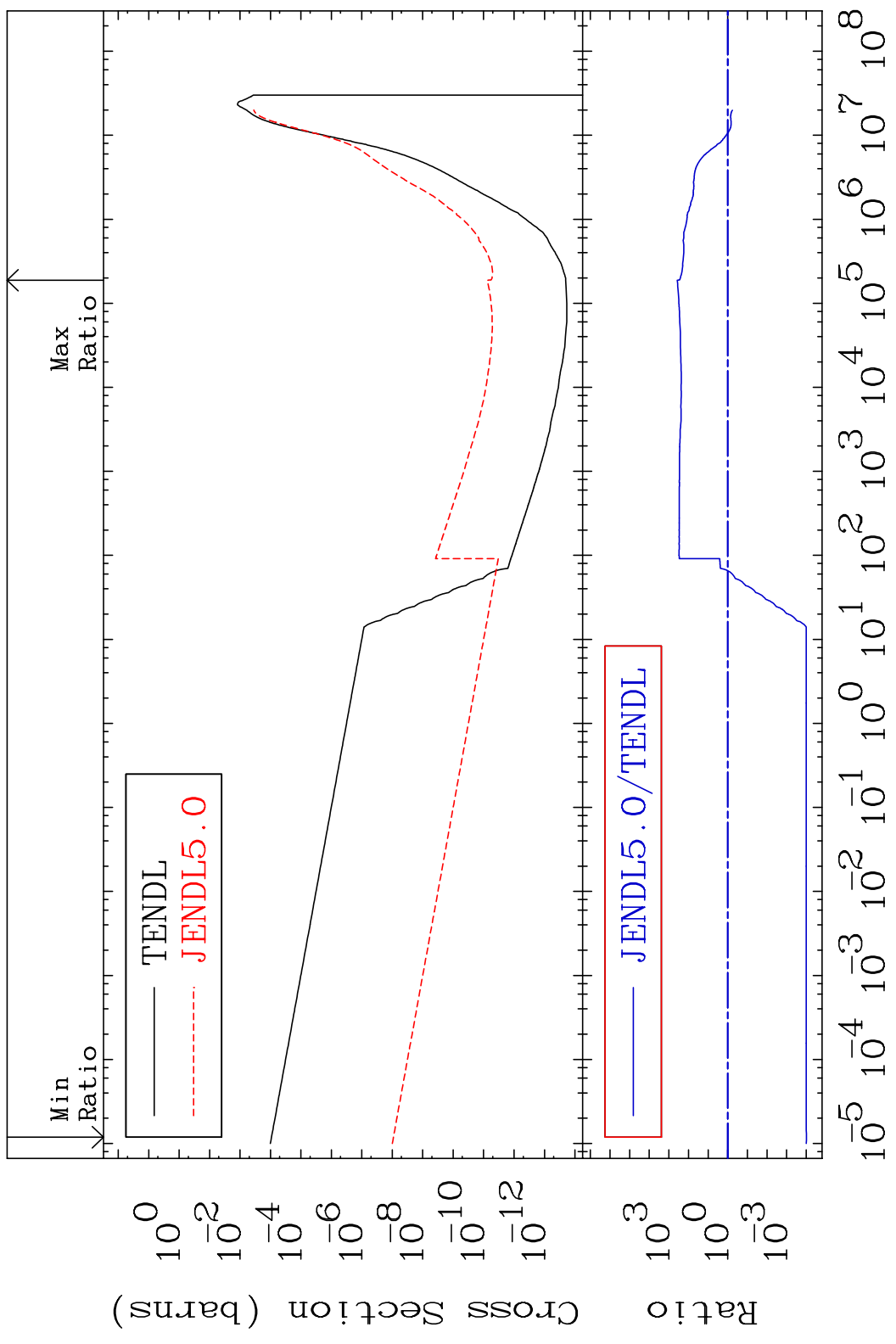
76-0s-190

MAT 7643

(n, α)

76-0s-190

Cross Section -99.99 To 9999. %

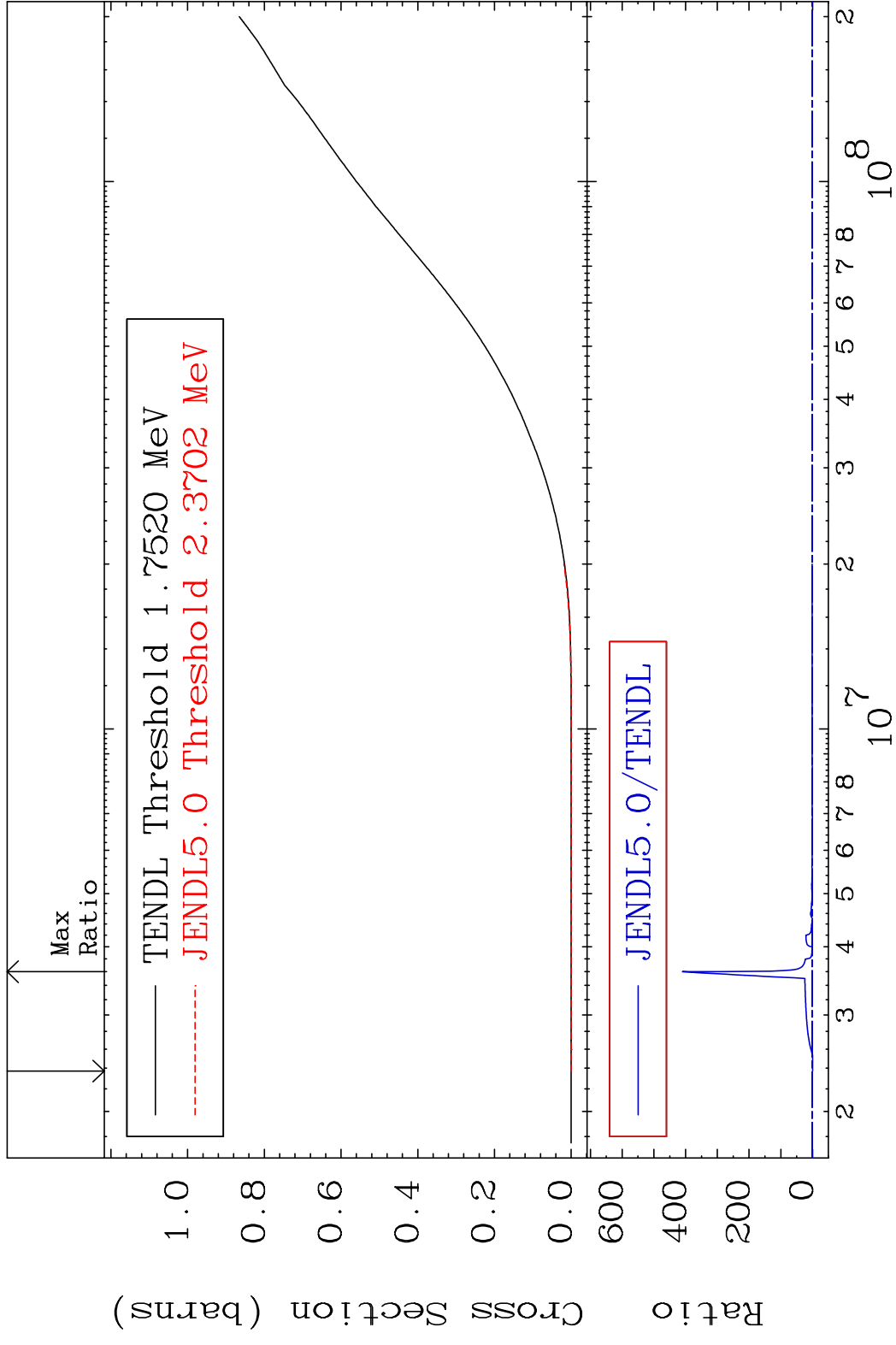


MAT 7643

Hydrogen Production

76-0s-190

Cross Section -100.0 To 9999. %



43

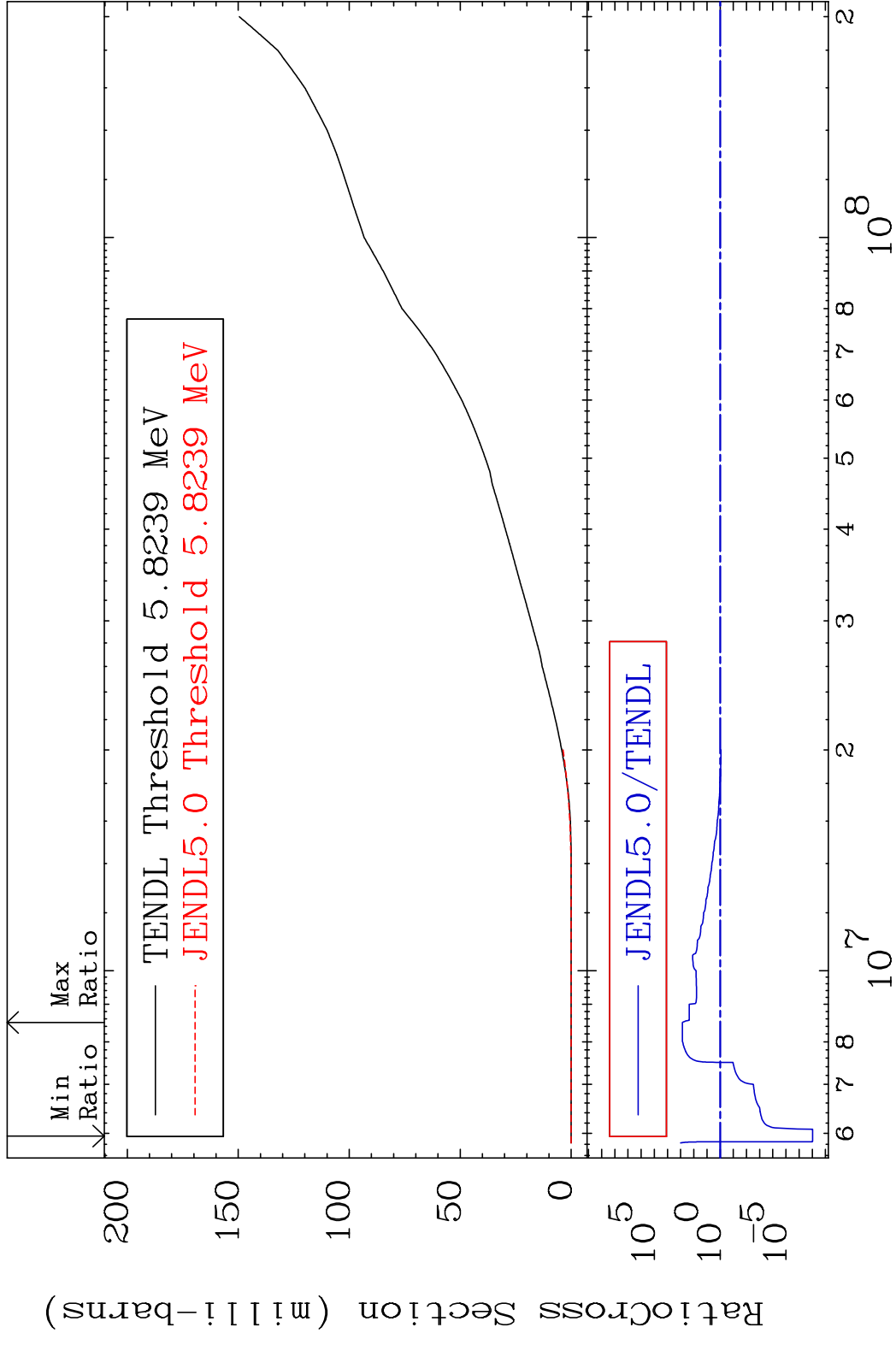
Incident Energy (eV)

76-0s-190

MAT 7643

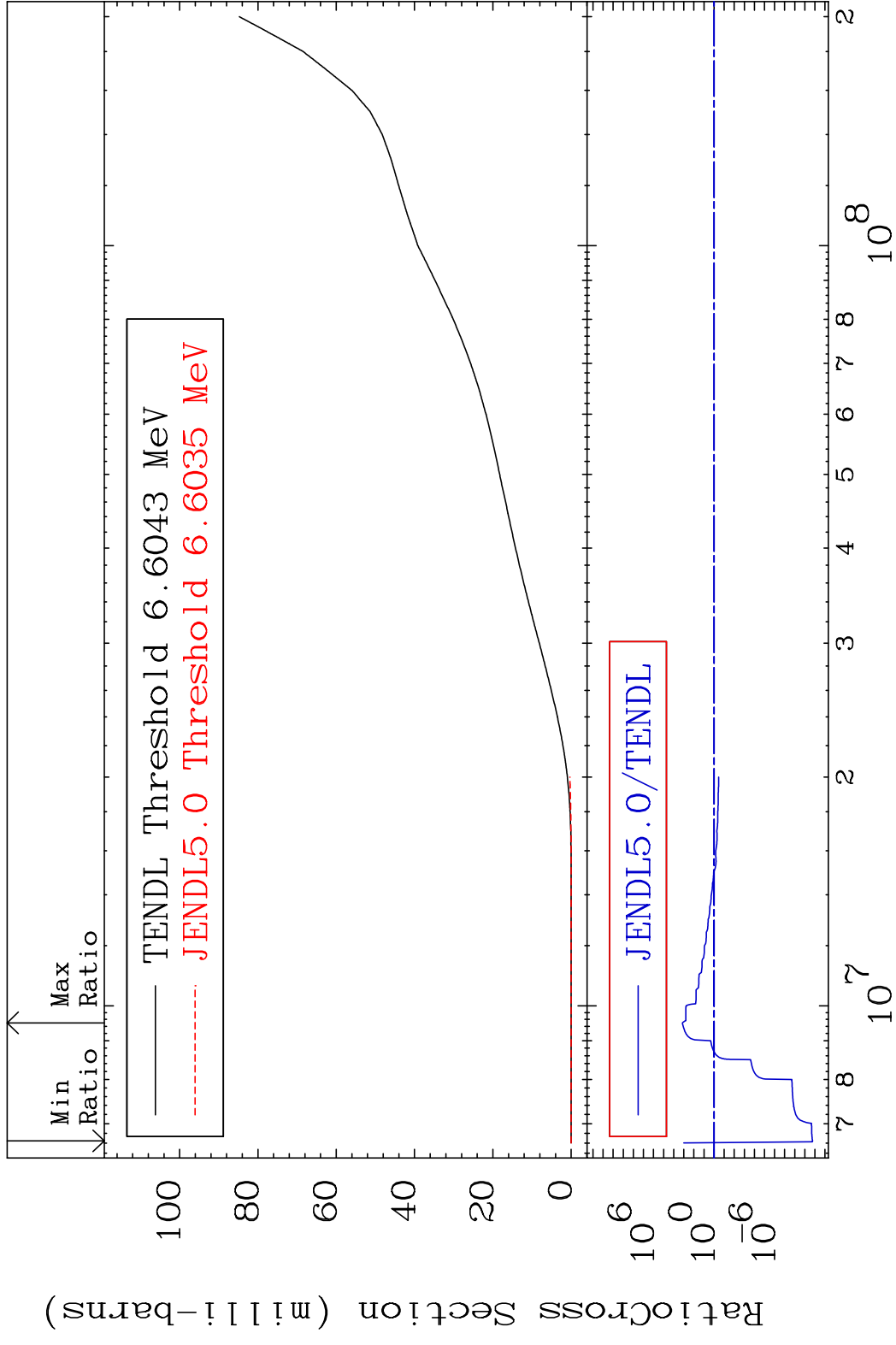
Deuterium Production 76-0s-190

Cross Section -100.0 To 9999. %



MAT 7643

Tritium Production 76-0s-190
Cross Section -100.0 To 9999. %

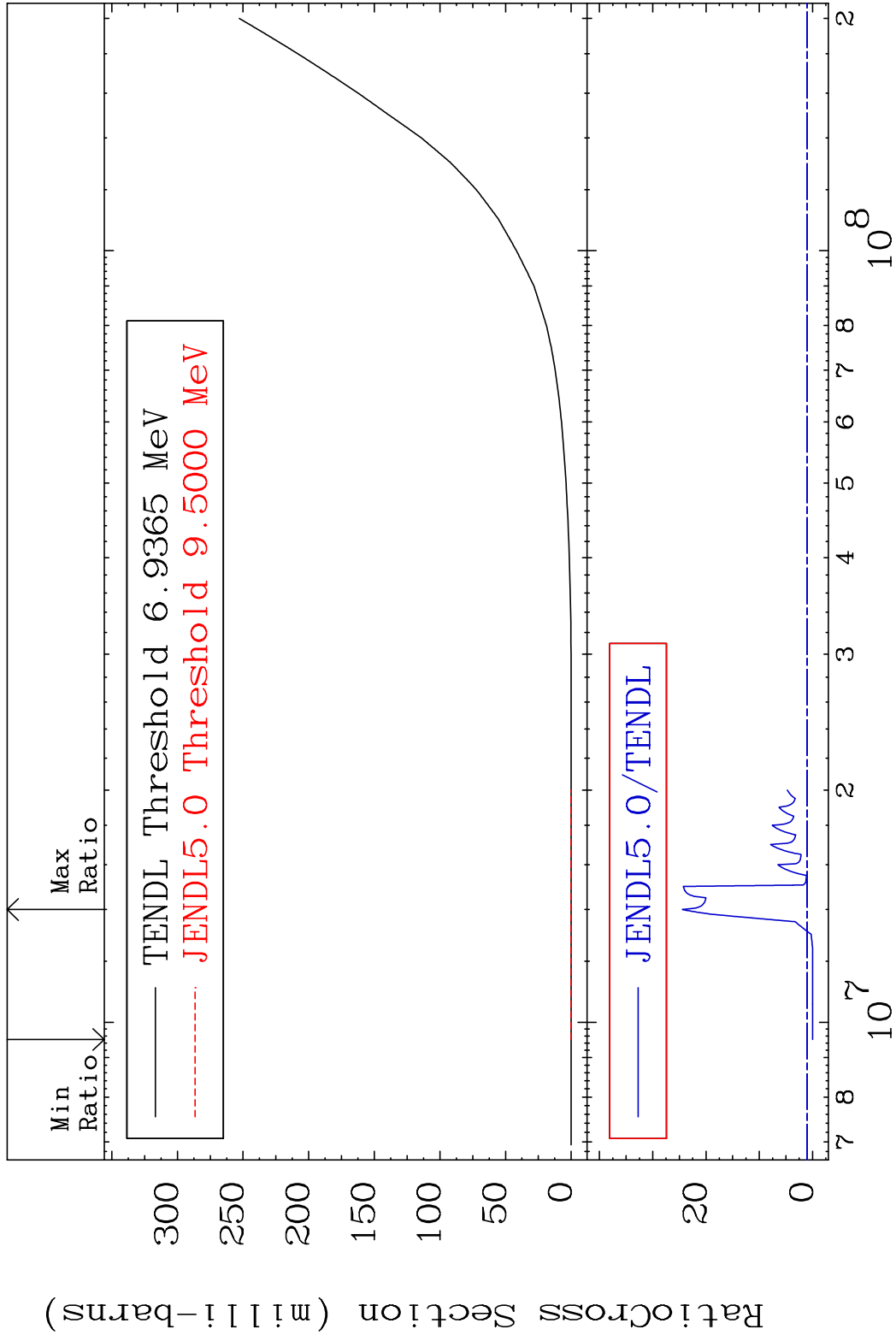


MAT 7643

He-3 Production

76-Os-190

Cross Section -100.0 To 2344. %

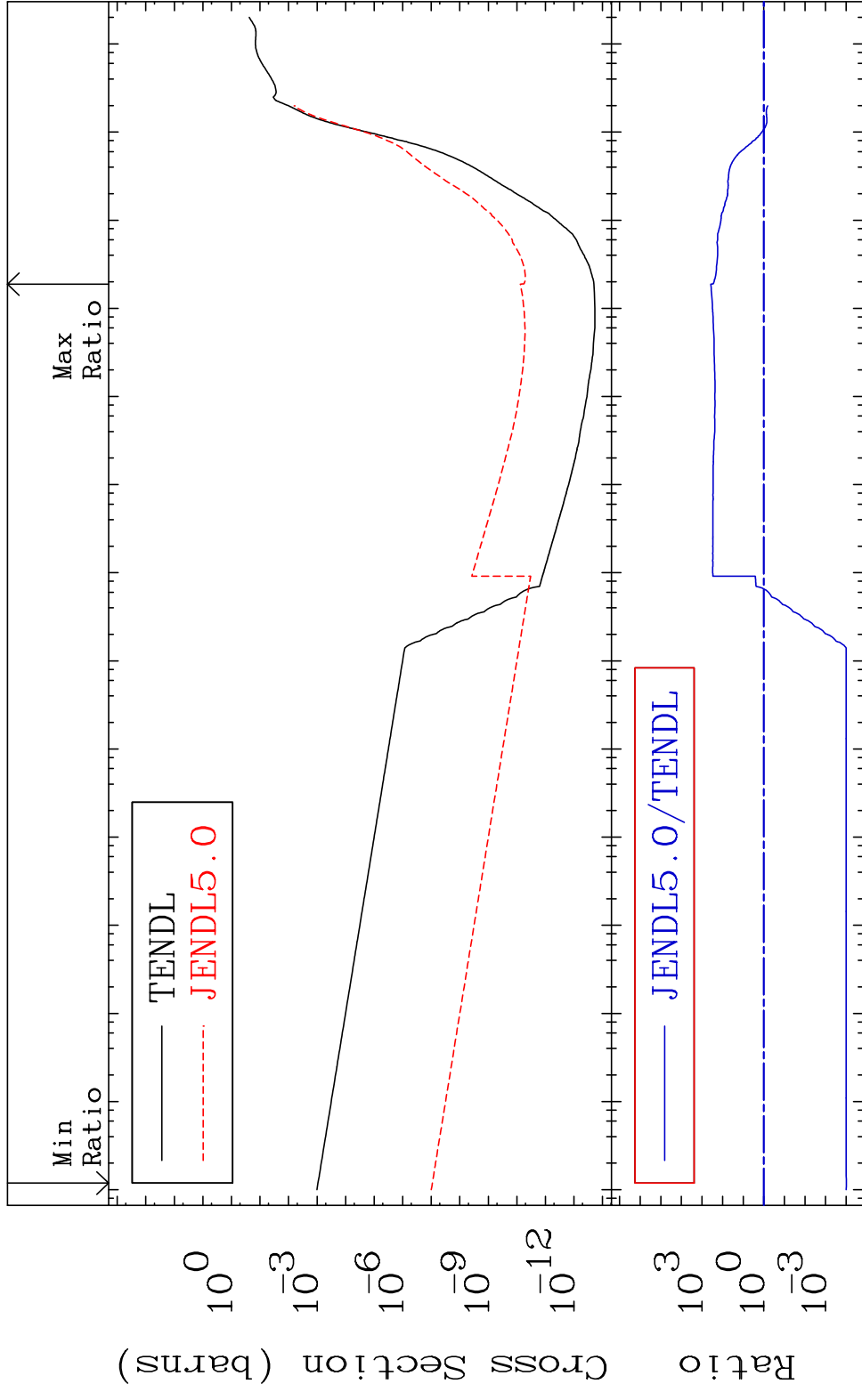


46

Incident Energy (eV)

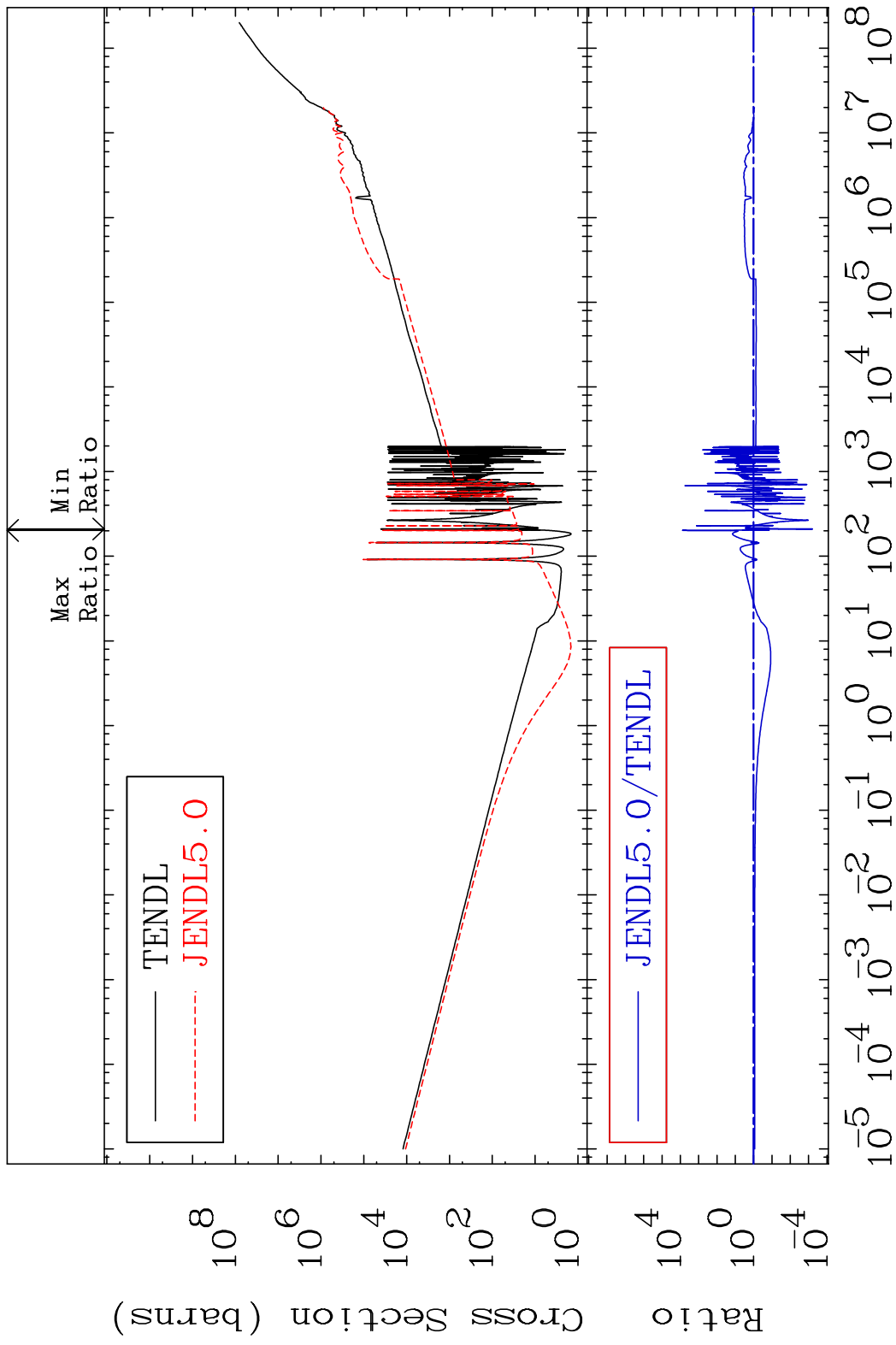
76-Os-190

MAT 7643 He-4 Production 76-0s-190
 Cross Section -99.99 To 9999. %



47 Incident Energy (eV) 76-0s-190

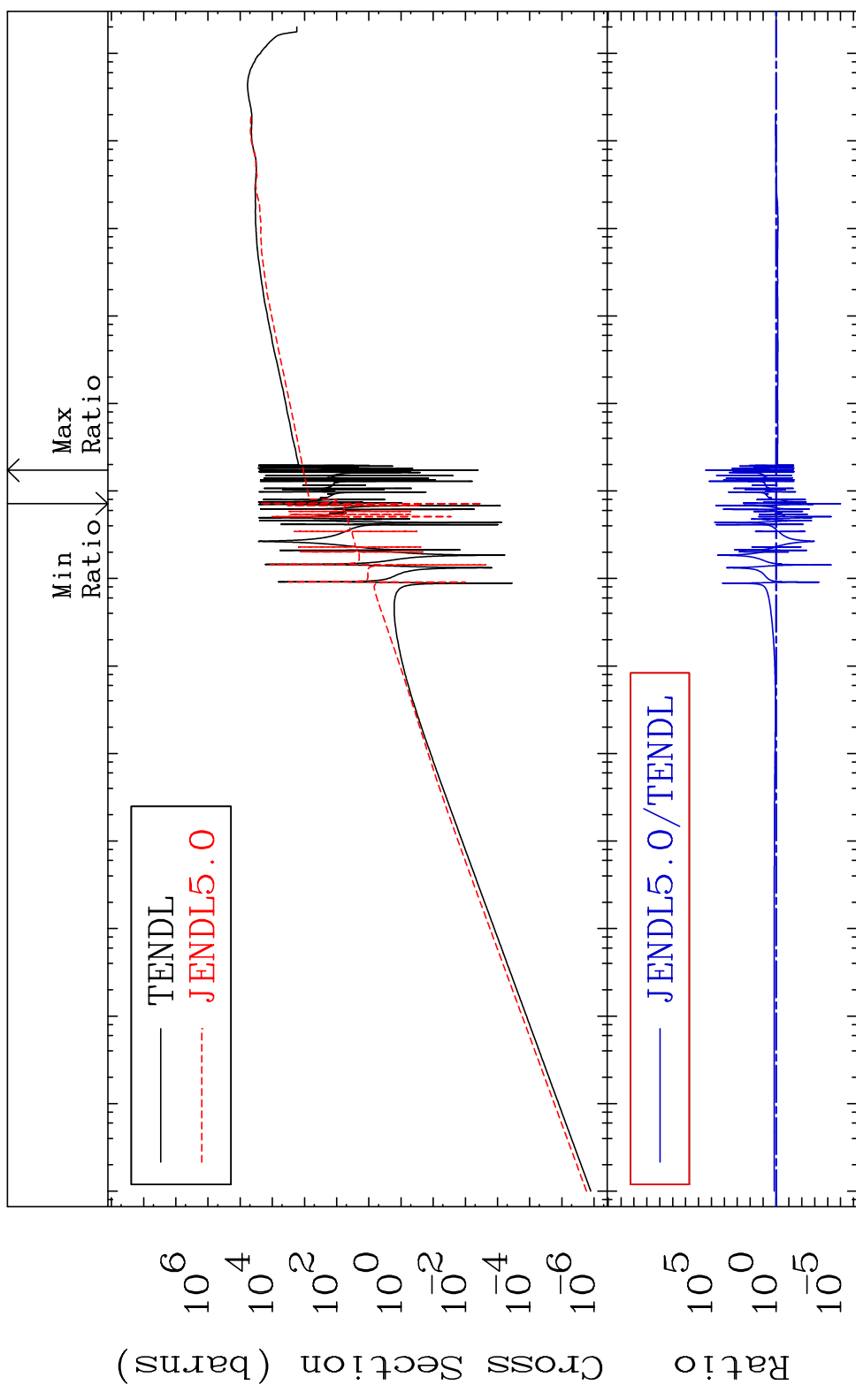
MAT 7643 Kerma total (eV-barns) 76-0s-190
 Cross Section -99.94 To 9999. %



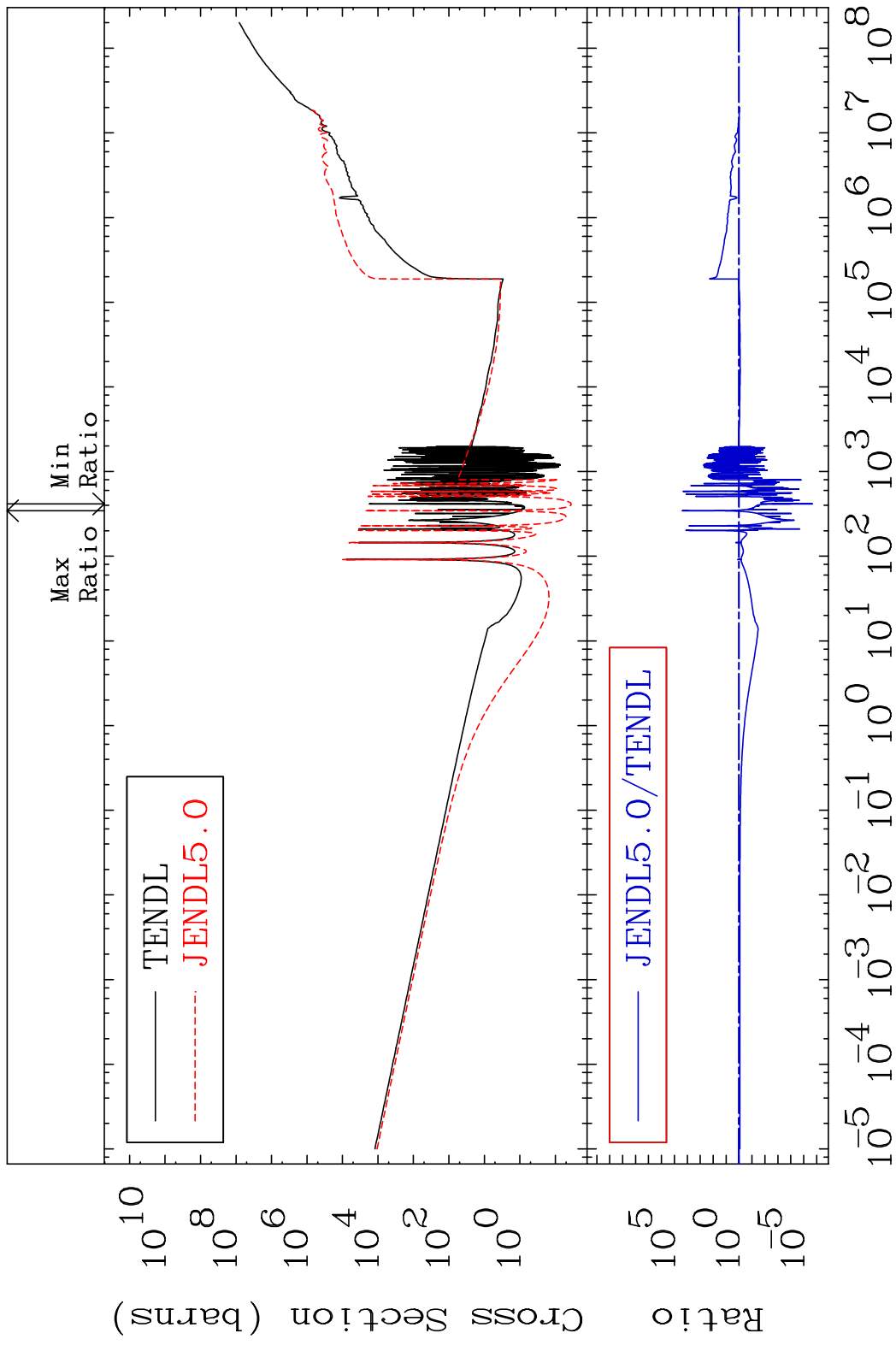
48 Incident Energy (eV) 76-0s-190

MAT 7643

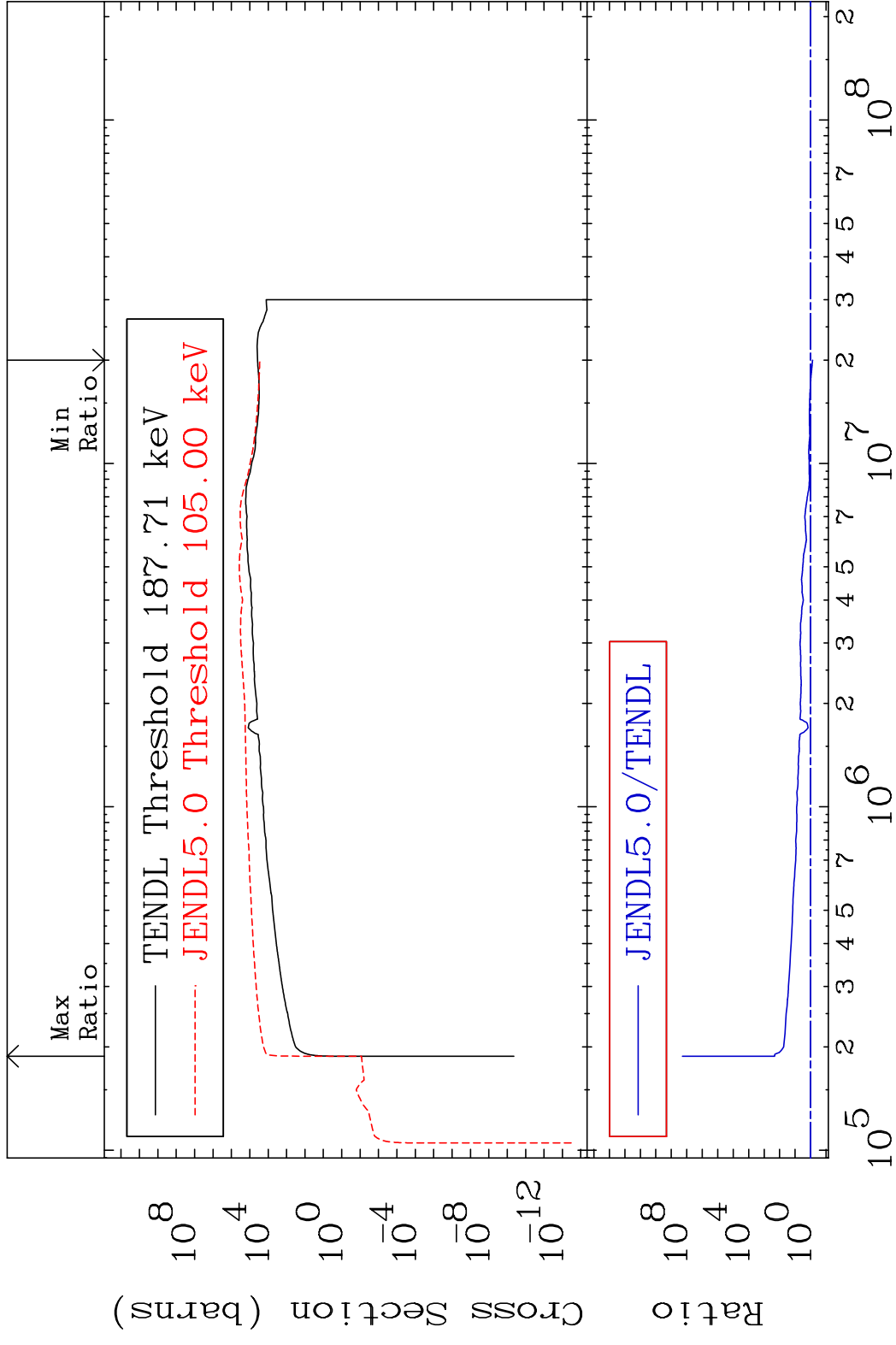
Kerma elastic
Cross Section -100.0 To 9999. %
76-0s-190



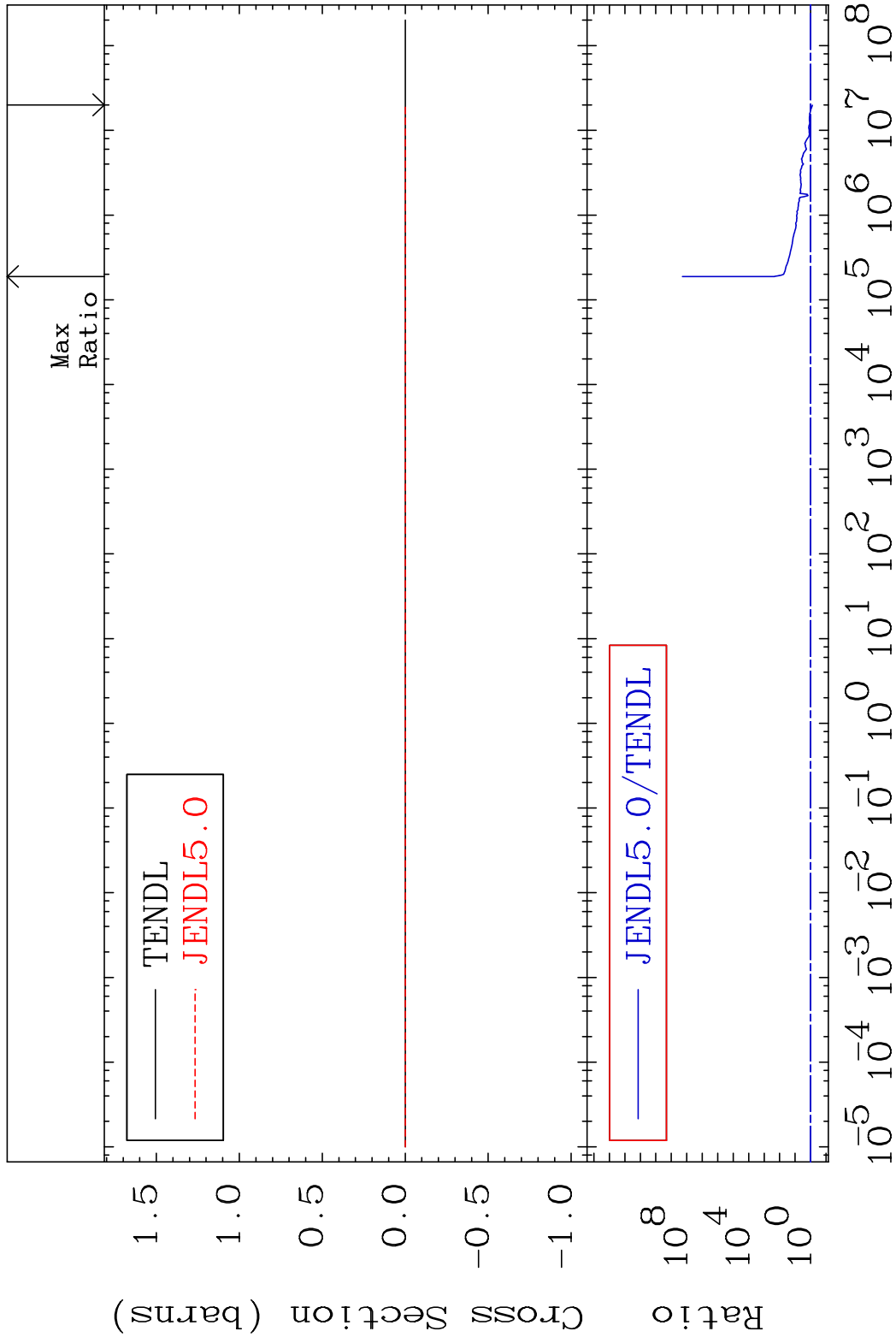
MAT 7643 Kerma non-elastic (all but mt2) 76-Os-190
 Cross Section -100.0 To 9999. %



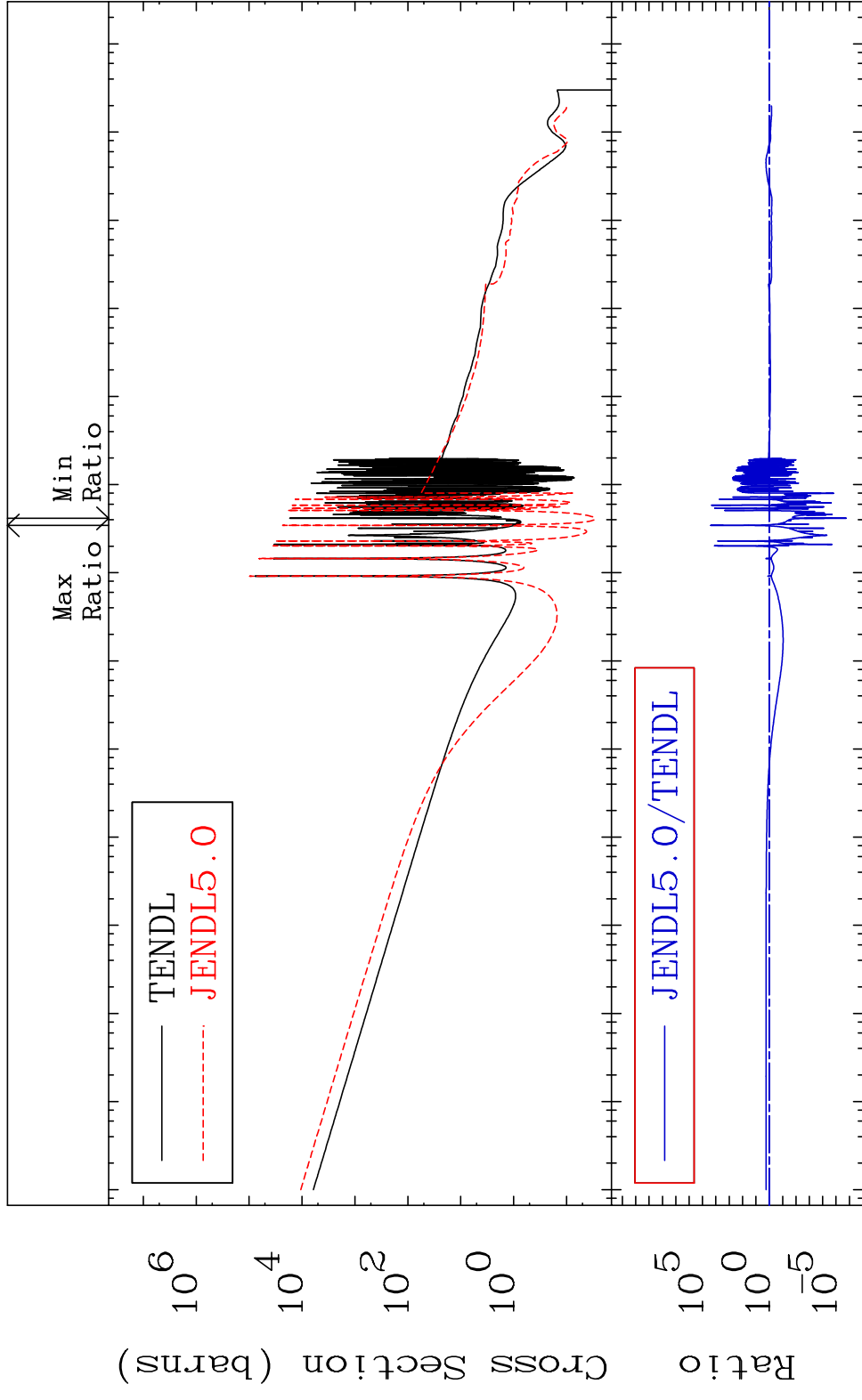
MAT 7643 Kerma inelastic (mt51-91) 76-0s-190
 Cross Section -25.35 To 9999. %



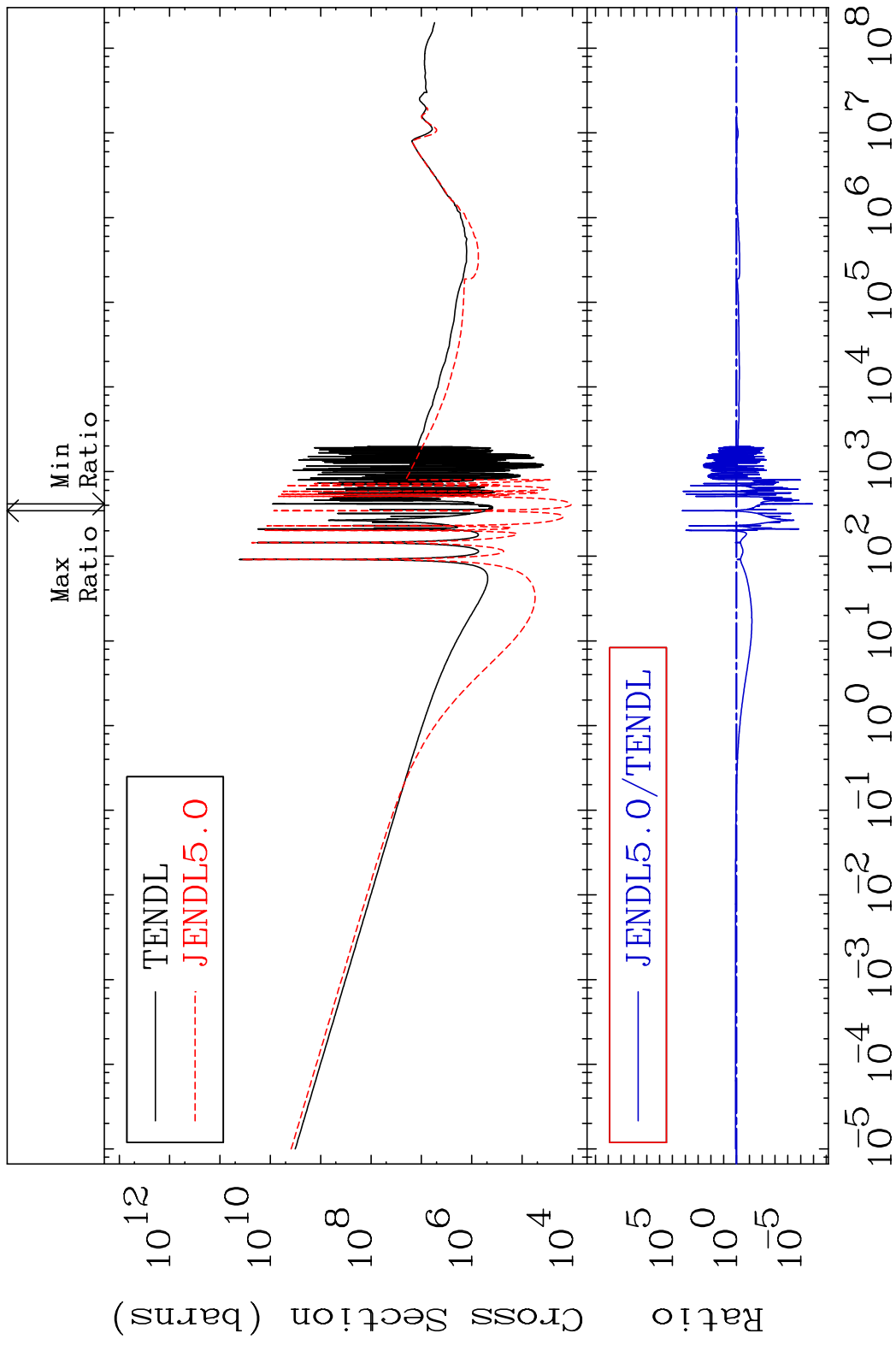
MAT 7643 Kerma fission (mt18 or mt19-20-21-38) 76-0s-190
 Cross Section -25.35 To 9999. %



MAT 7643 Kerma capture (mt102) 76-0s-190
 Cross Section -100.0 To 9999. %

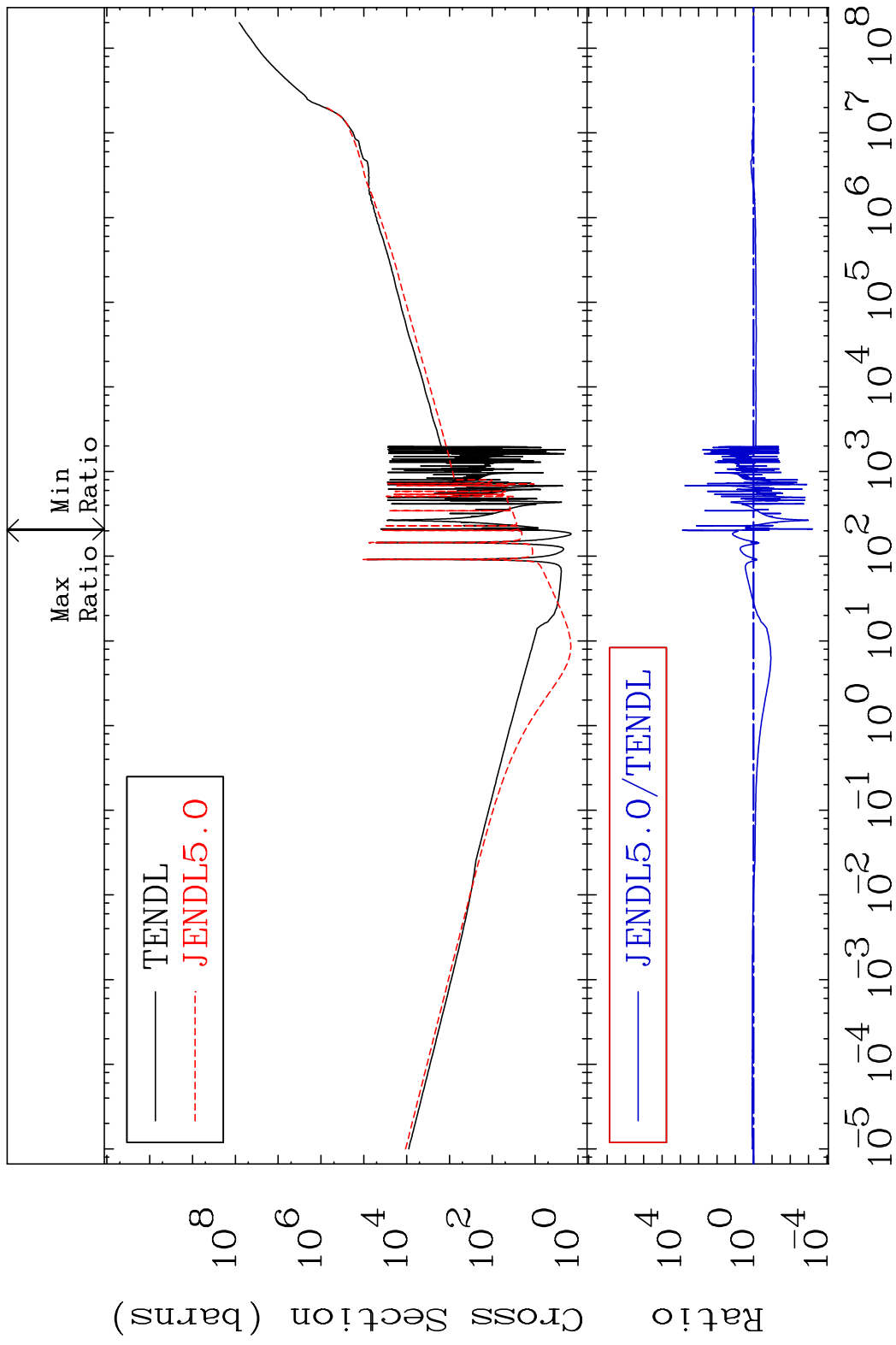


MAT 7643 Total photon (eV-barns) 76-0s-190
Cross Section -100.0 To 9999. %

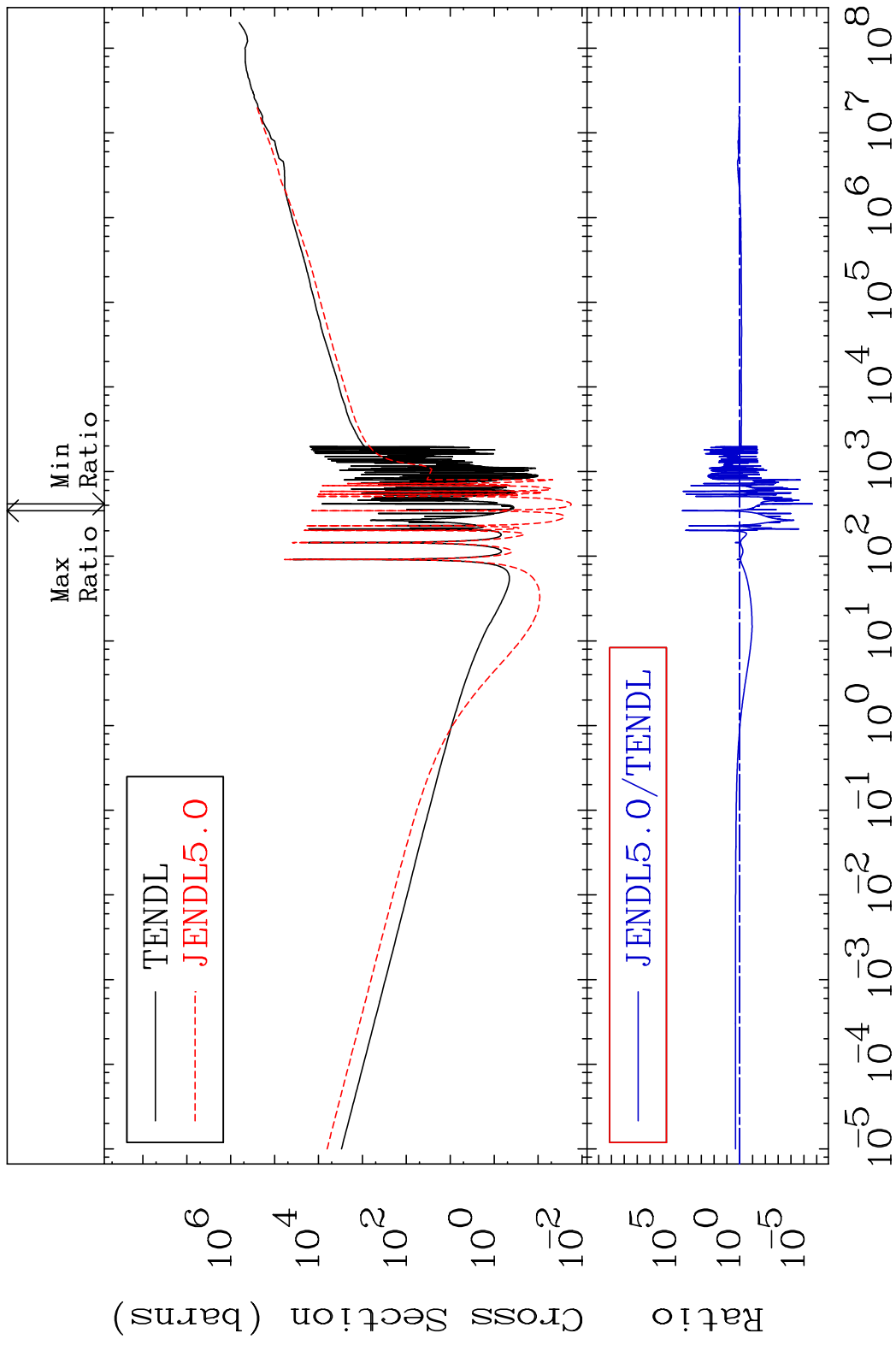


54 76-0s-190

MAT 7643 Total kinematic kerma (high limit) 76-0s-190
Cross Section -99.94 To 9999. %



MAT 7643 Dpa total (eV-barns) 76-0s-190
 Cross Section -100.0 To 9999. %

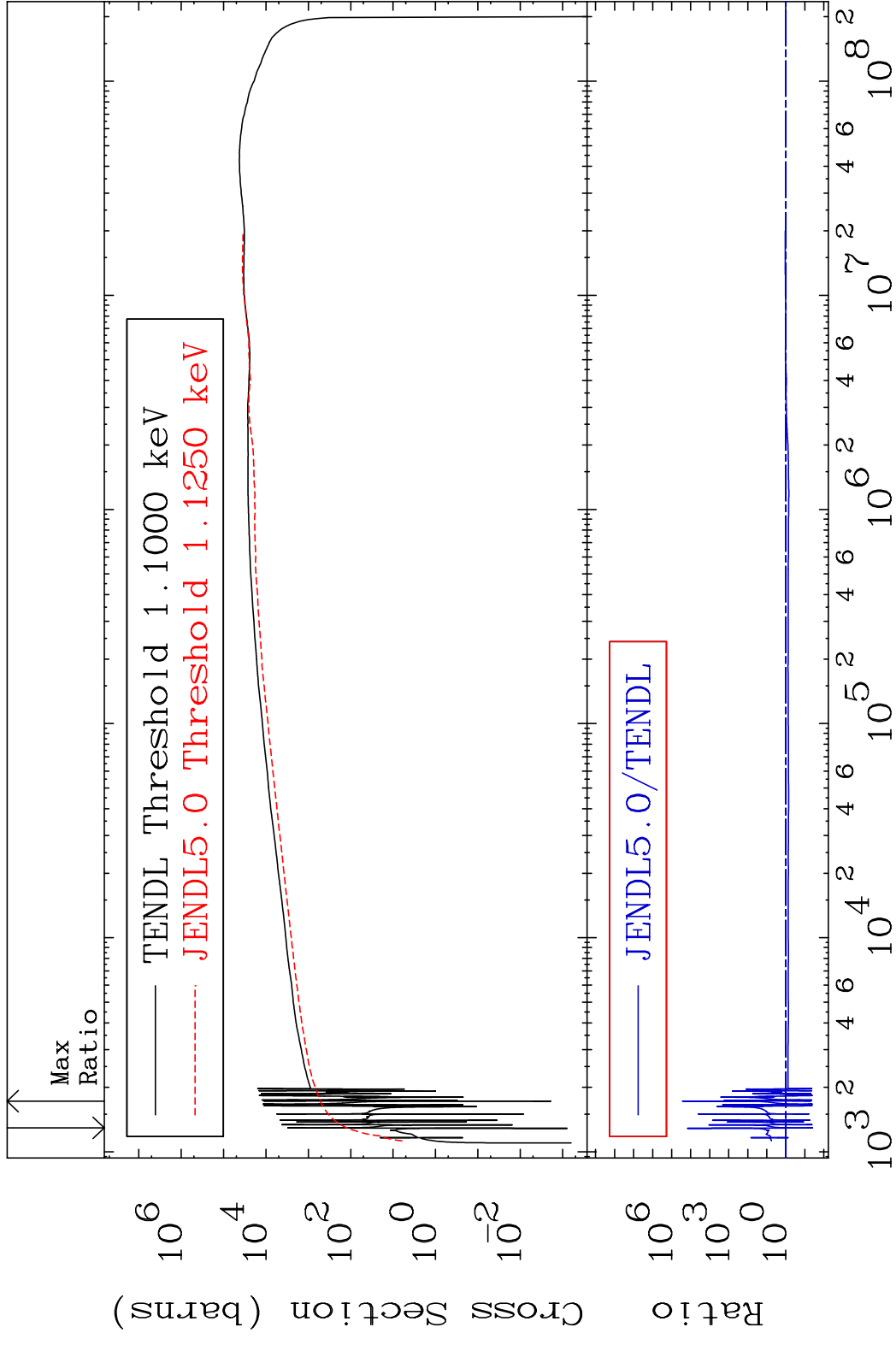


MAT 7643

Dpa elastic (mt2)

76-0s-190

Cross Section -96.07 To 9999. %

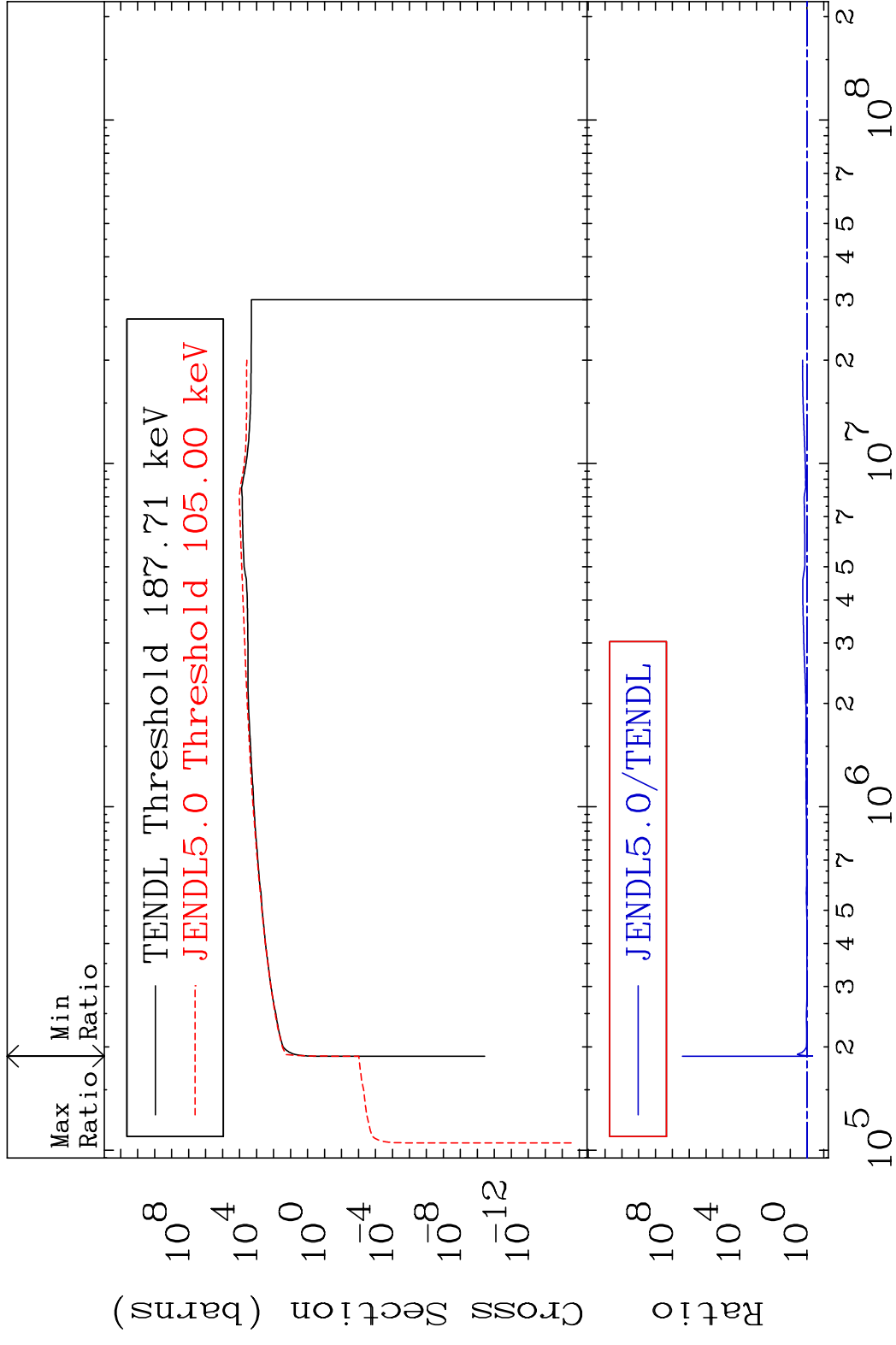


57

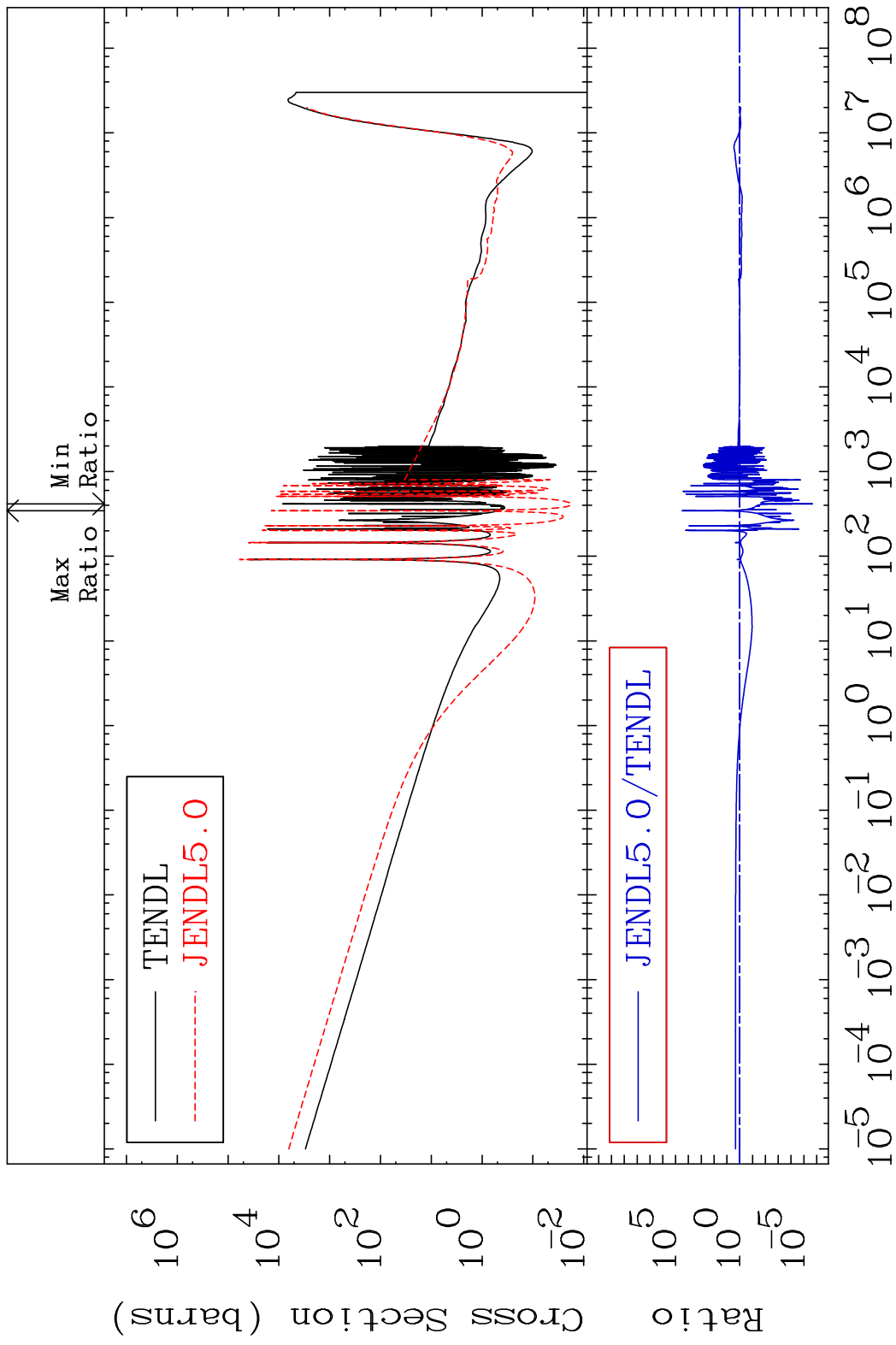
Incident Energy (eV)

76-0s-190

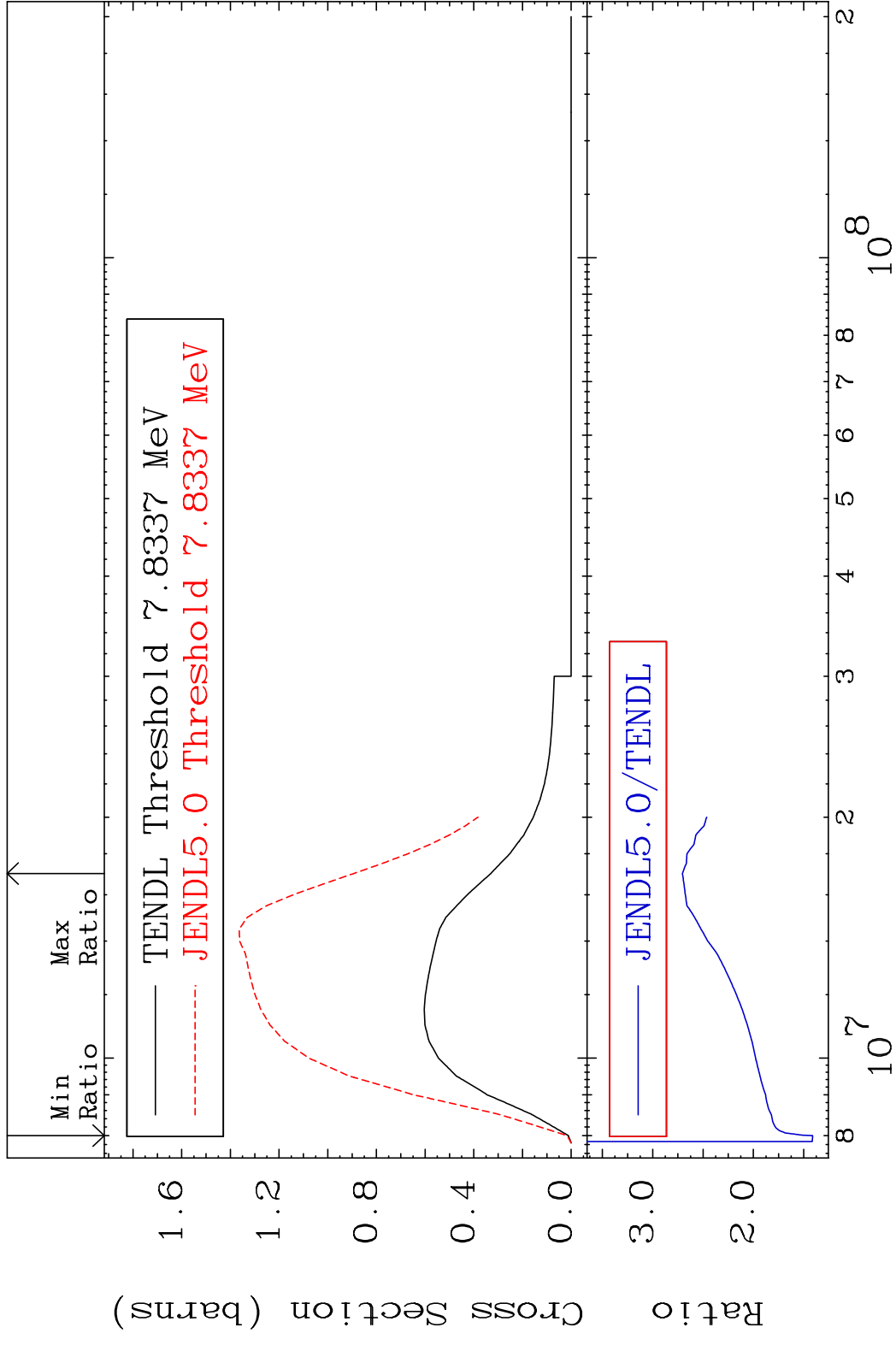
MAT 7643 Dpa inelastic (mt51-91) 76-0s-190
 Cross Section -53.17 To 9999. %



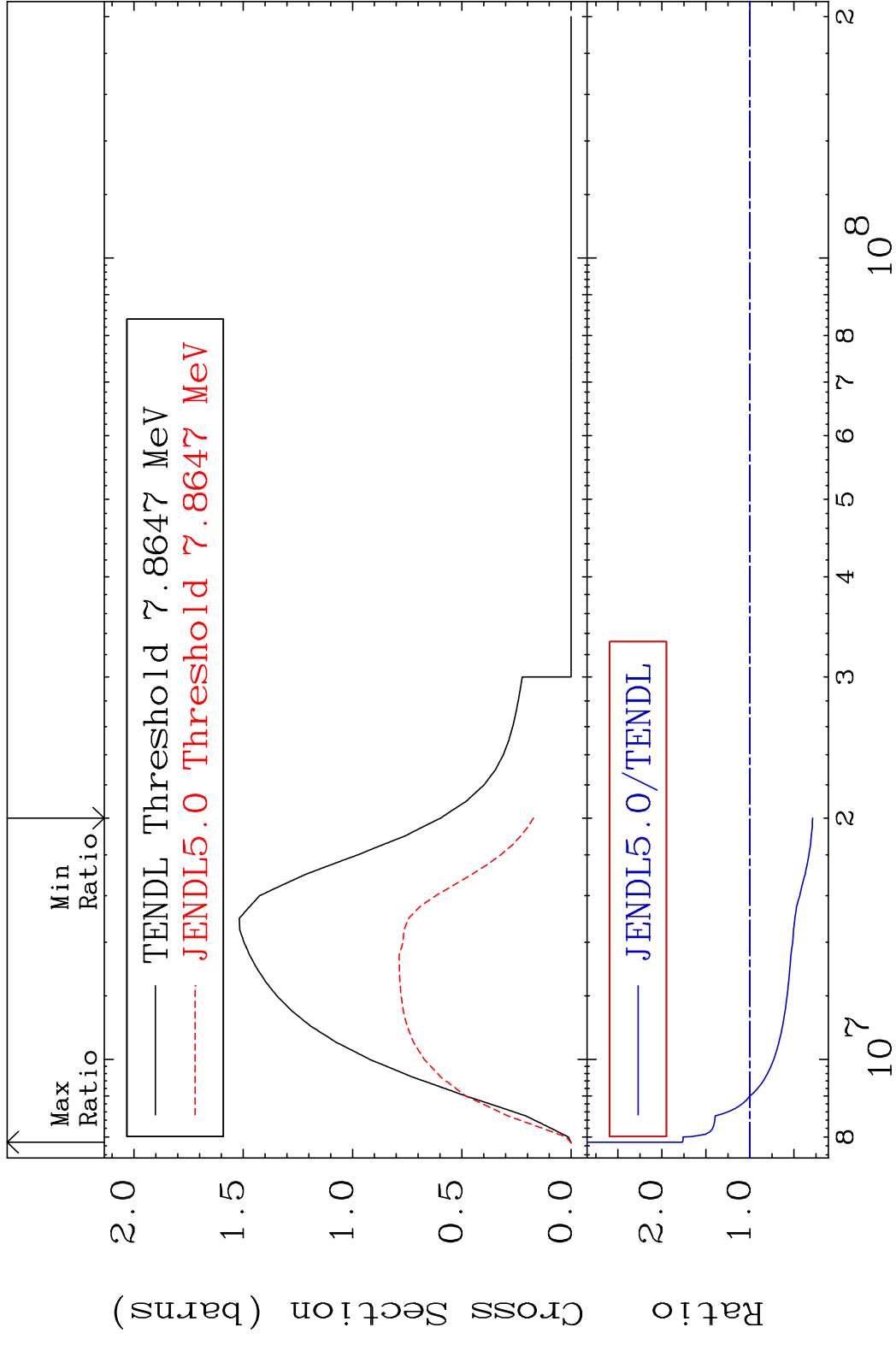
MAT 7643 Dpa disappearance (mt102 -120) 76-0s-190
 Cross Section -100.0 To 9999. %

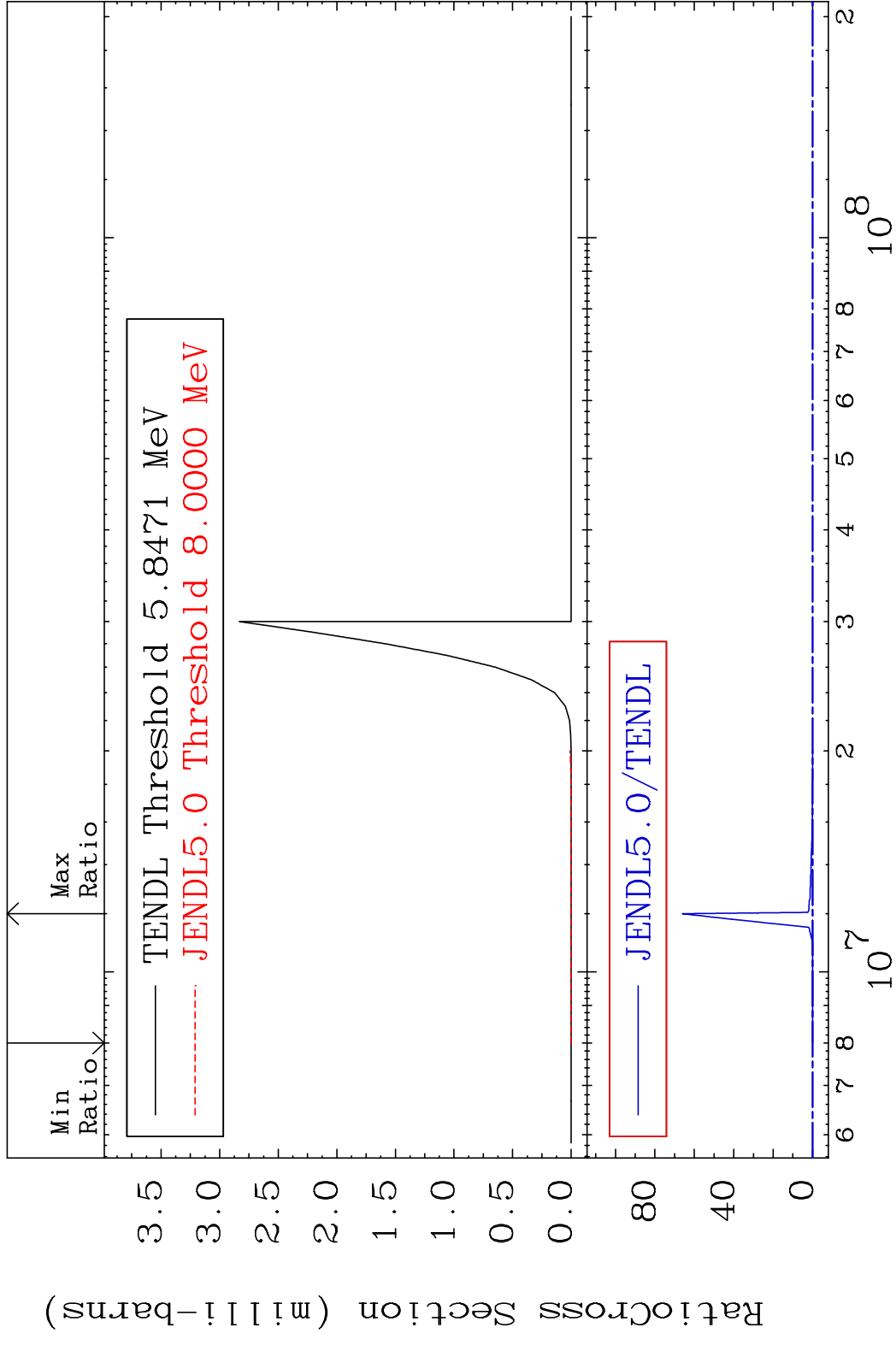


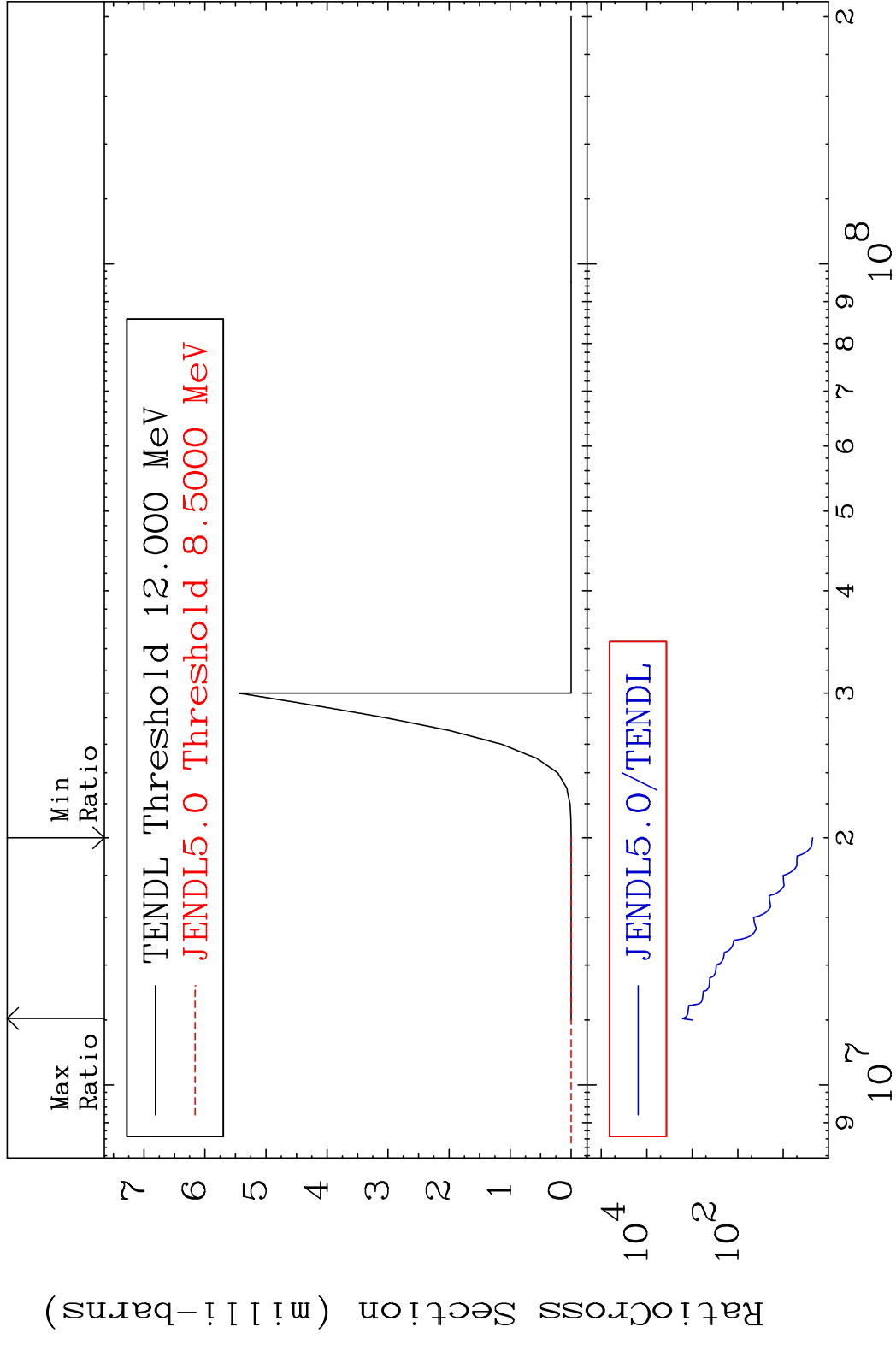
MAT 7643 (n,2n):76-0s-189g 76-0s-190
 Radionuclide Production Cross Section 170.6 %

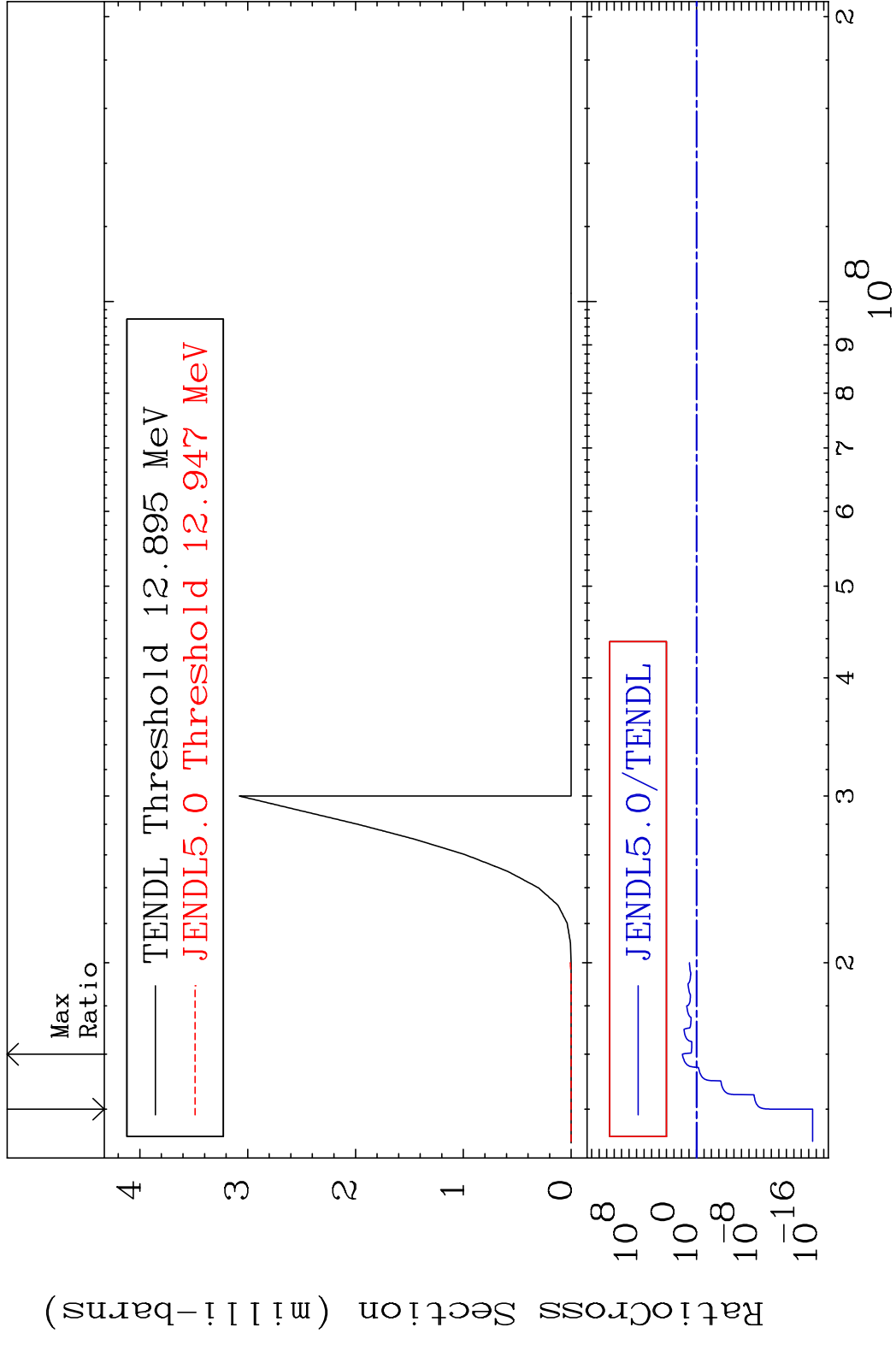


MAT 7643 (n,2n):76-0s-189m1 76-0s-190
 Radionuclide Production Cross Section 76.80 %

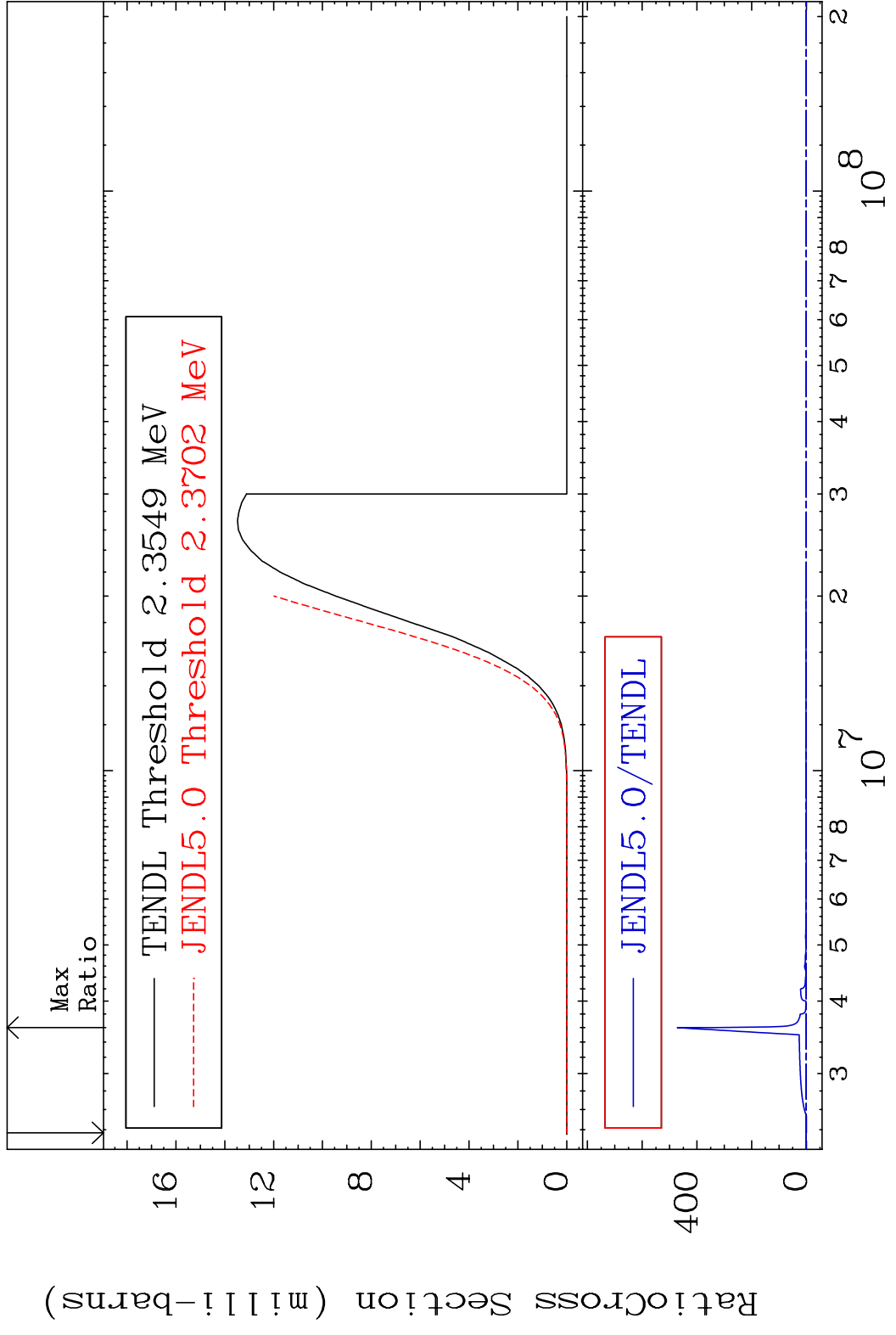


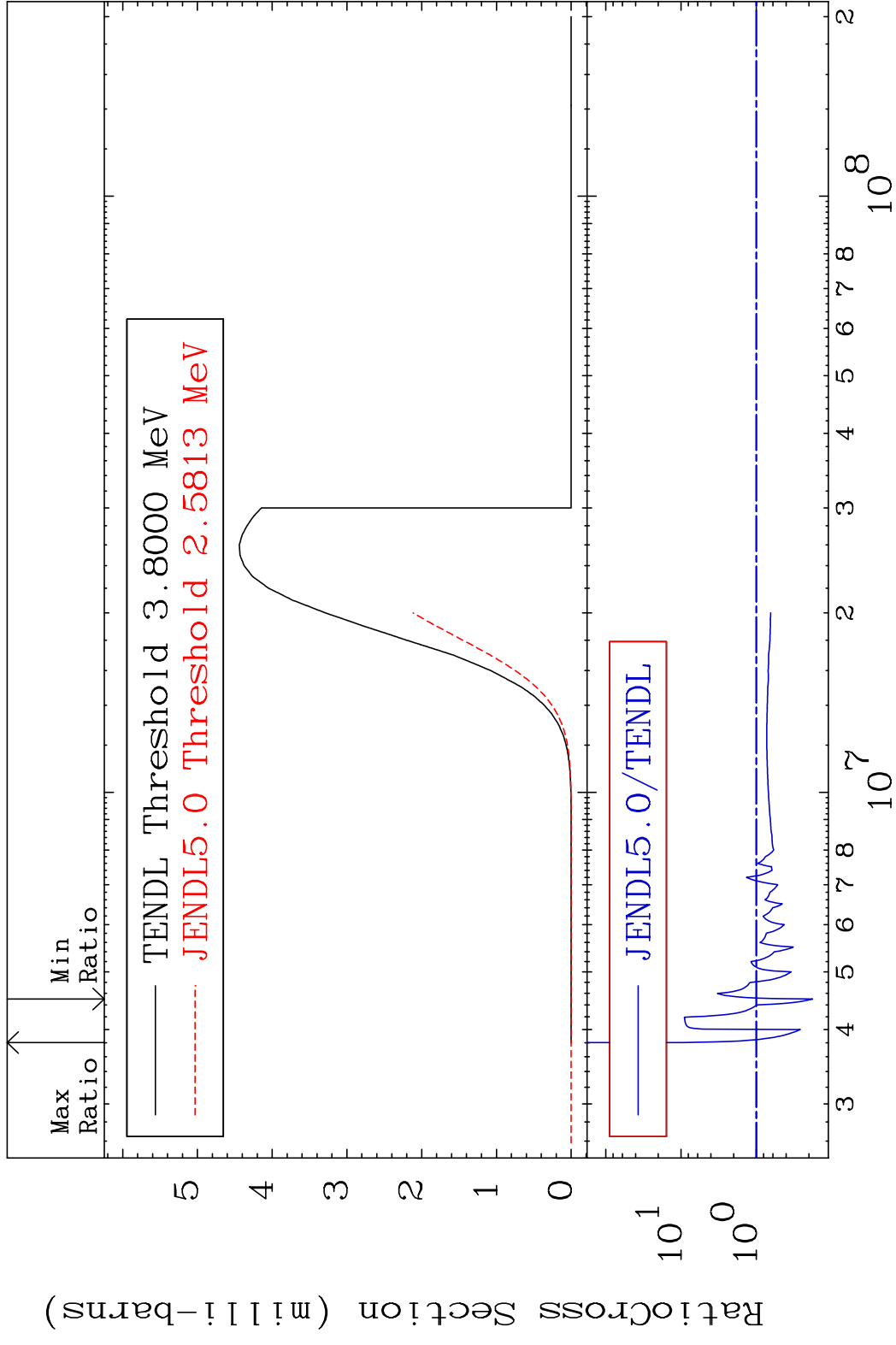


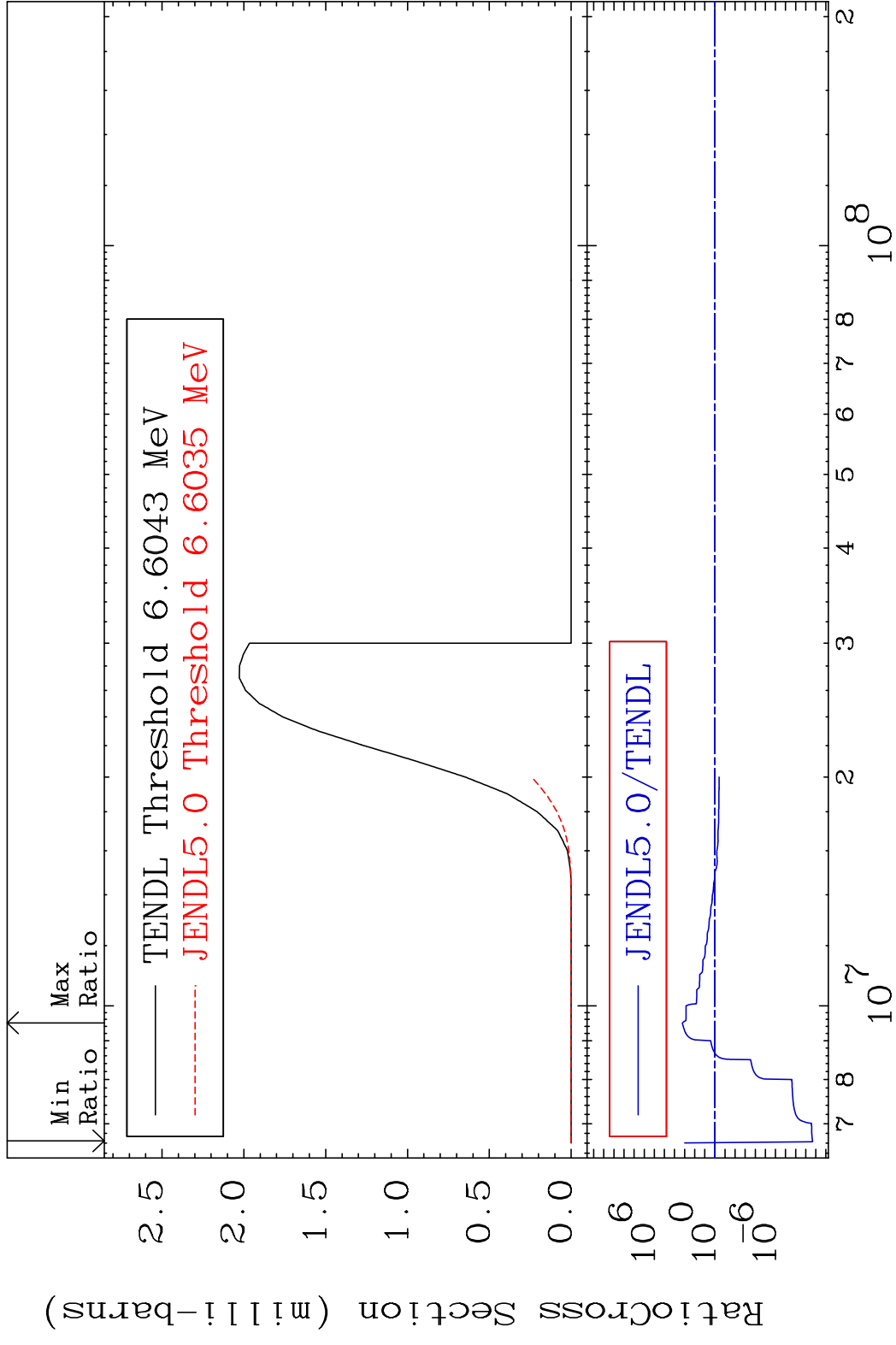




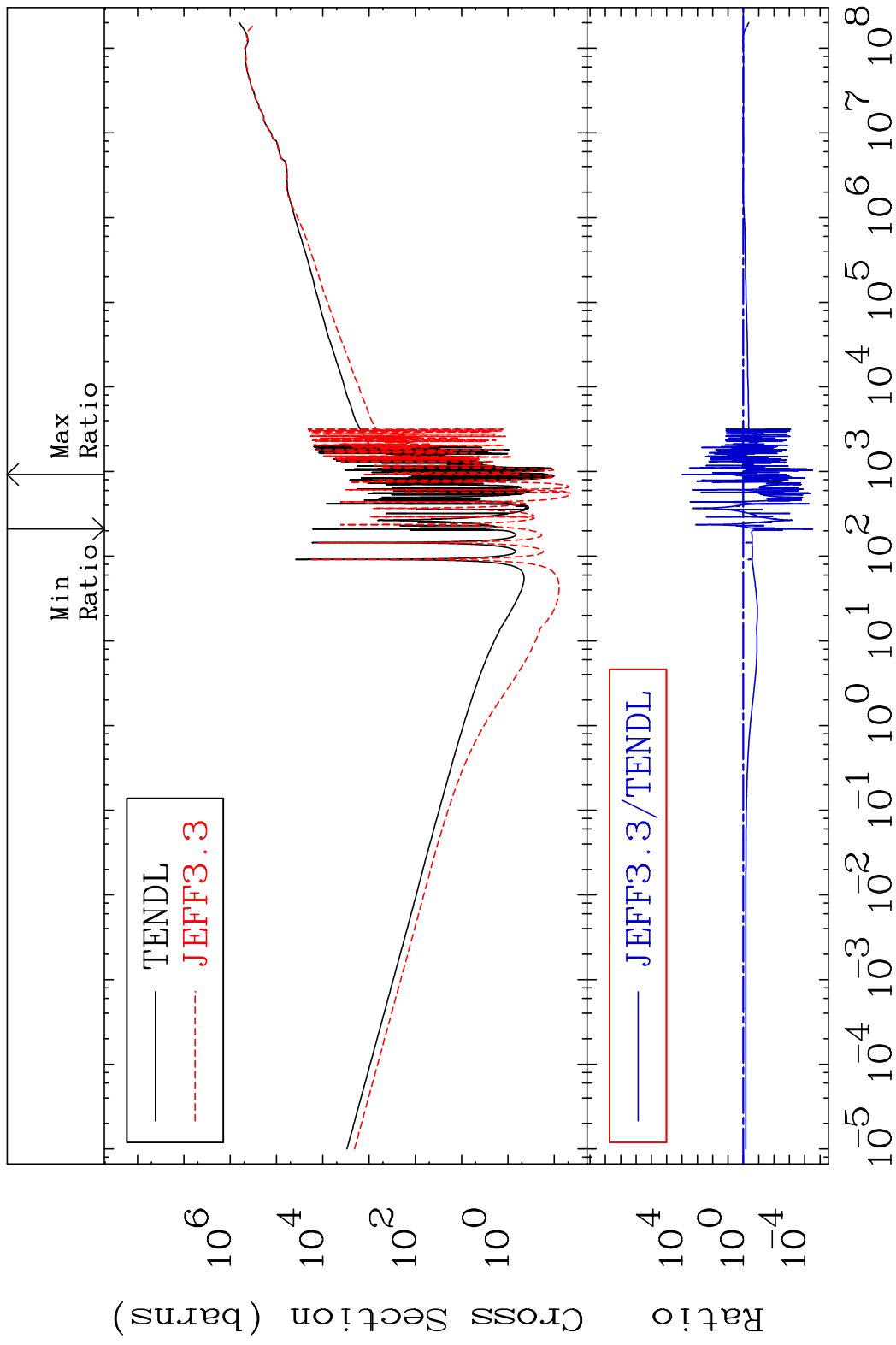
MAT 7643 (n,p):75-Re-190g 76-0s-190
 Radionuclide Production Cross Section 18000 dth 9999. %







MAT 7643 Dpa total (eV-barns) 76-0s-190
 Cross Section -100.0 To 9999. %



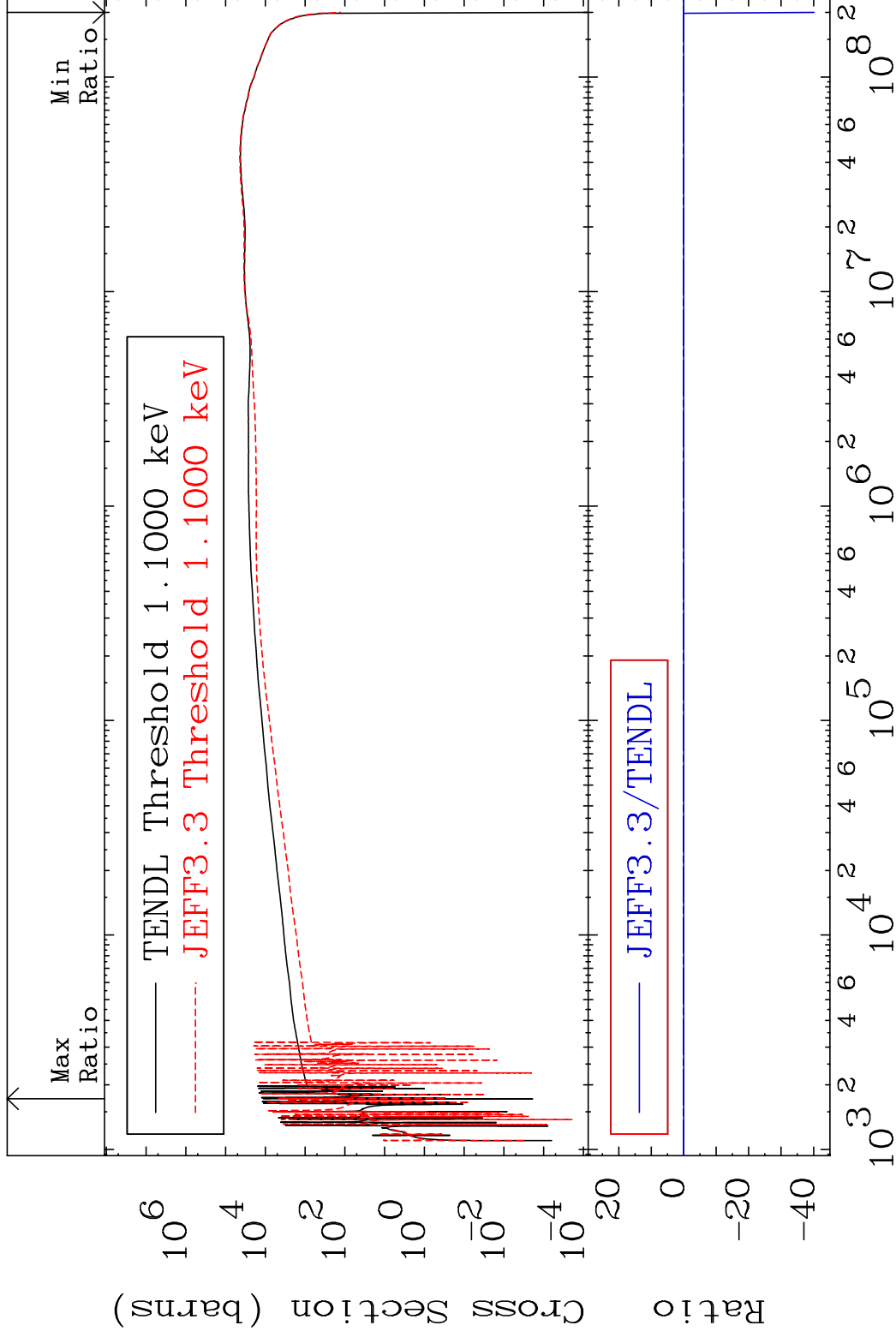
68 Incident Energy (eV) 76-0s-190

MAT 7643

Dpa elastic (mt2)

76-0s-190

Cross Section -9999. To 9999. %

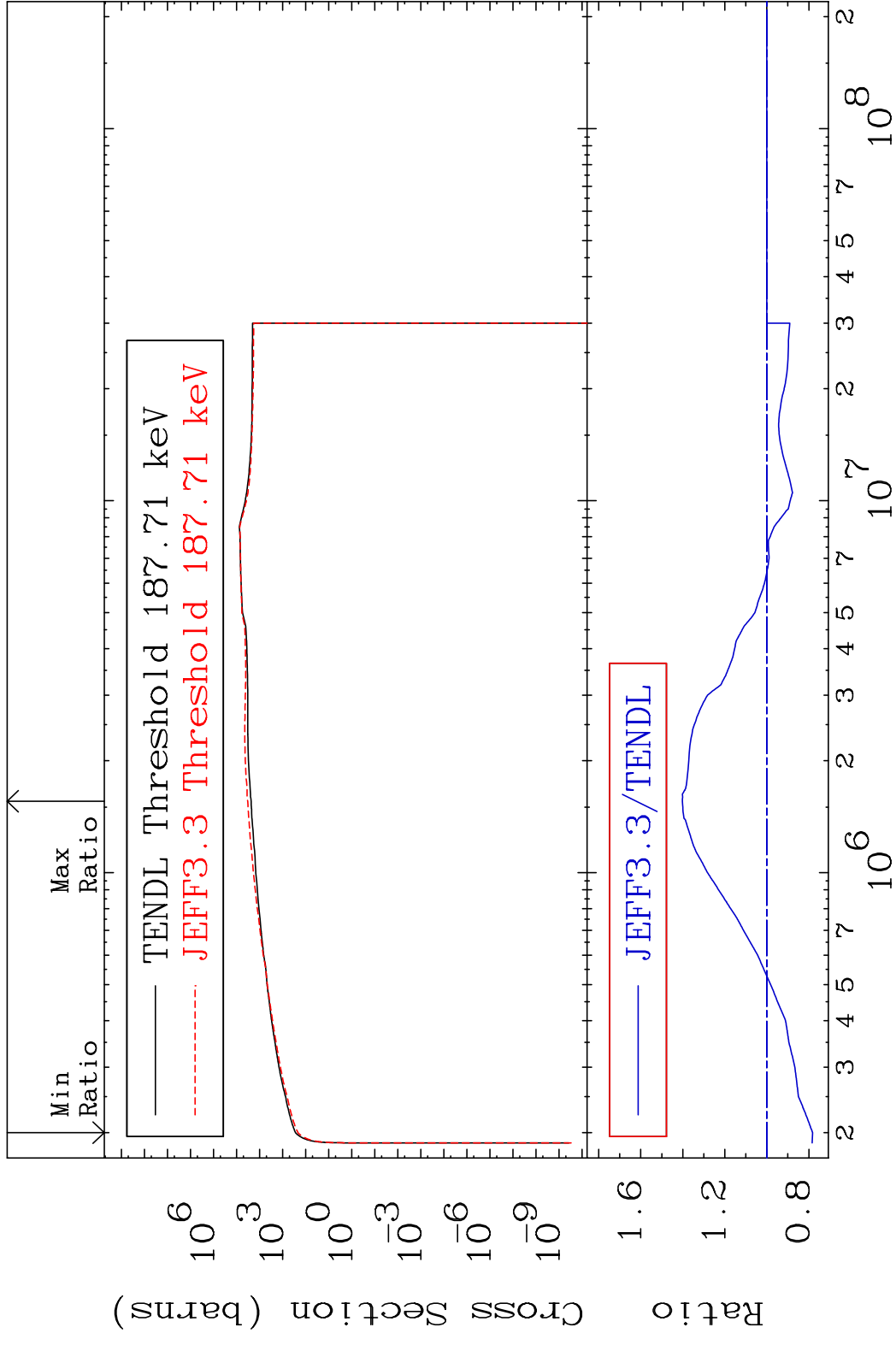


69

Incident Energy (eV)

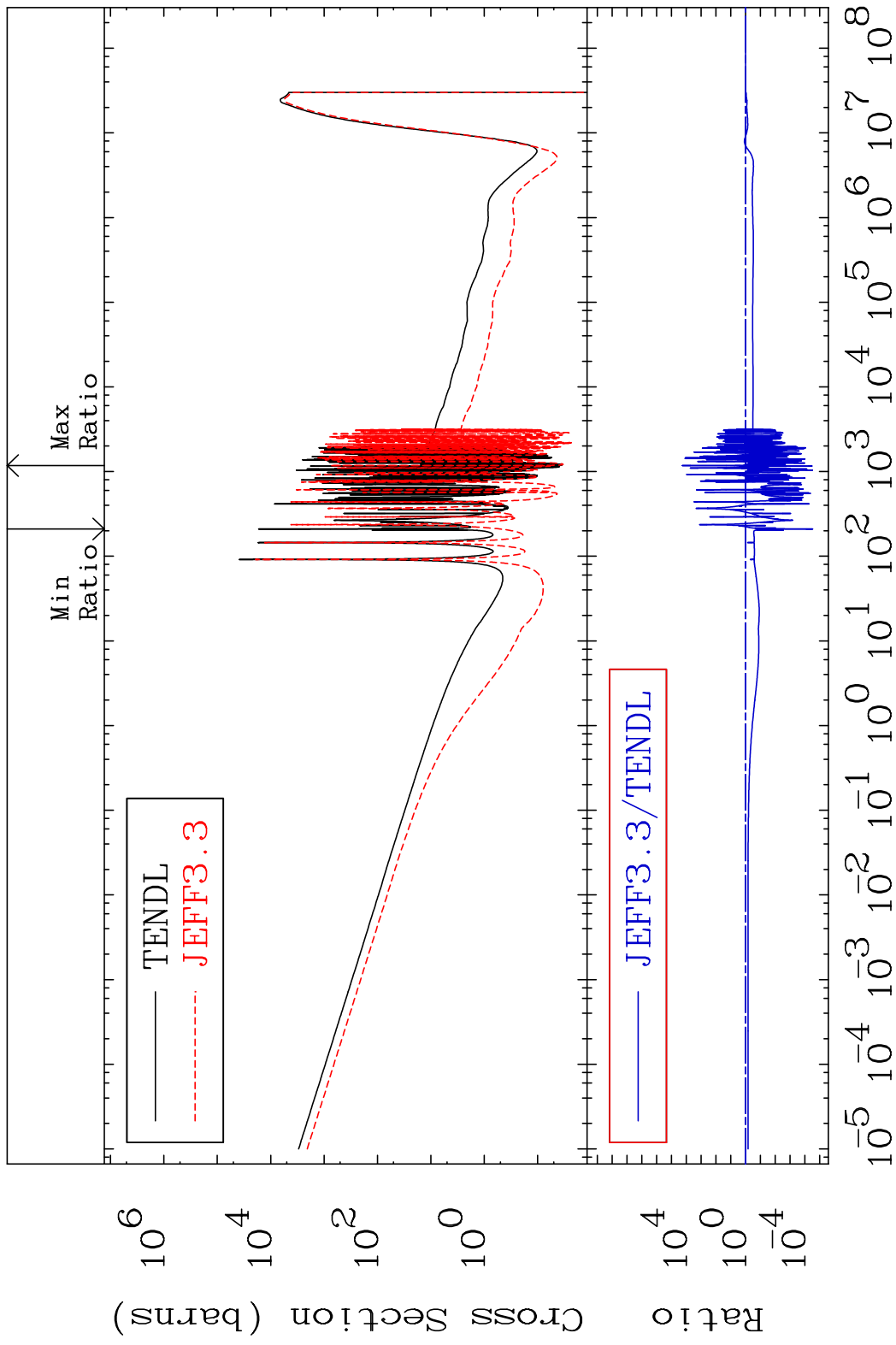
76-0s-190

MAT 7643 Dpa inelastic (mt51-91) 76-0s-190
 Cross Section -21.76 To 40.20 %



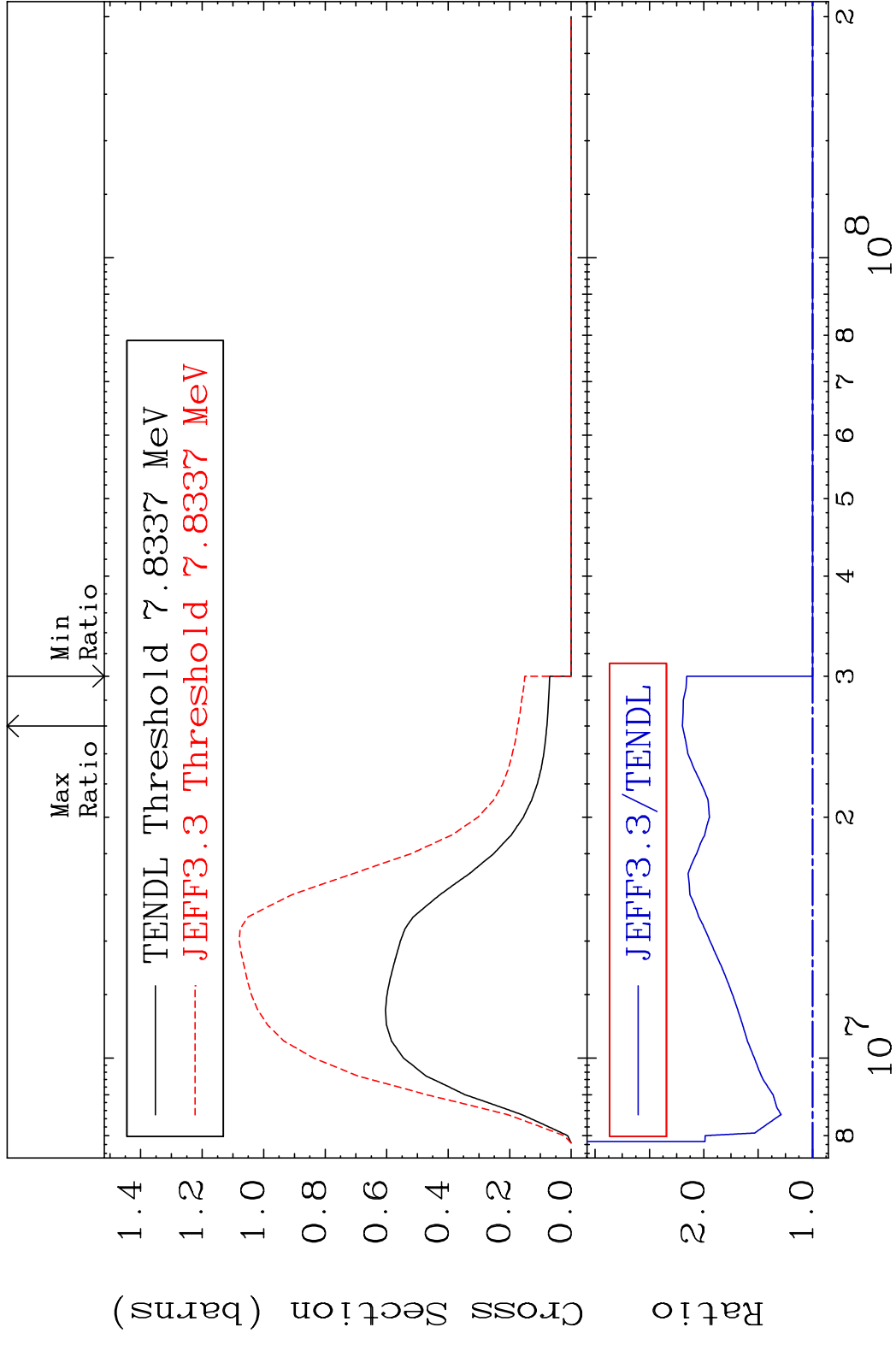
70 Incident Energy (eV) 76-0s-190

MAT 7643 Dpa disappearance (mt102 -120) 76-0s-190
 Cross Section -100.0 To 9999. %

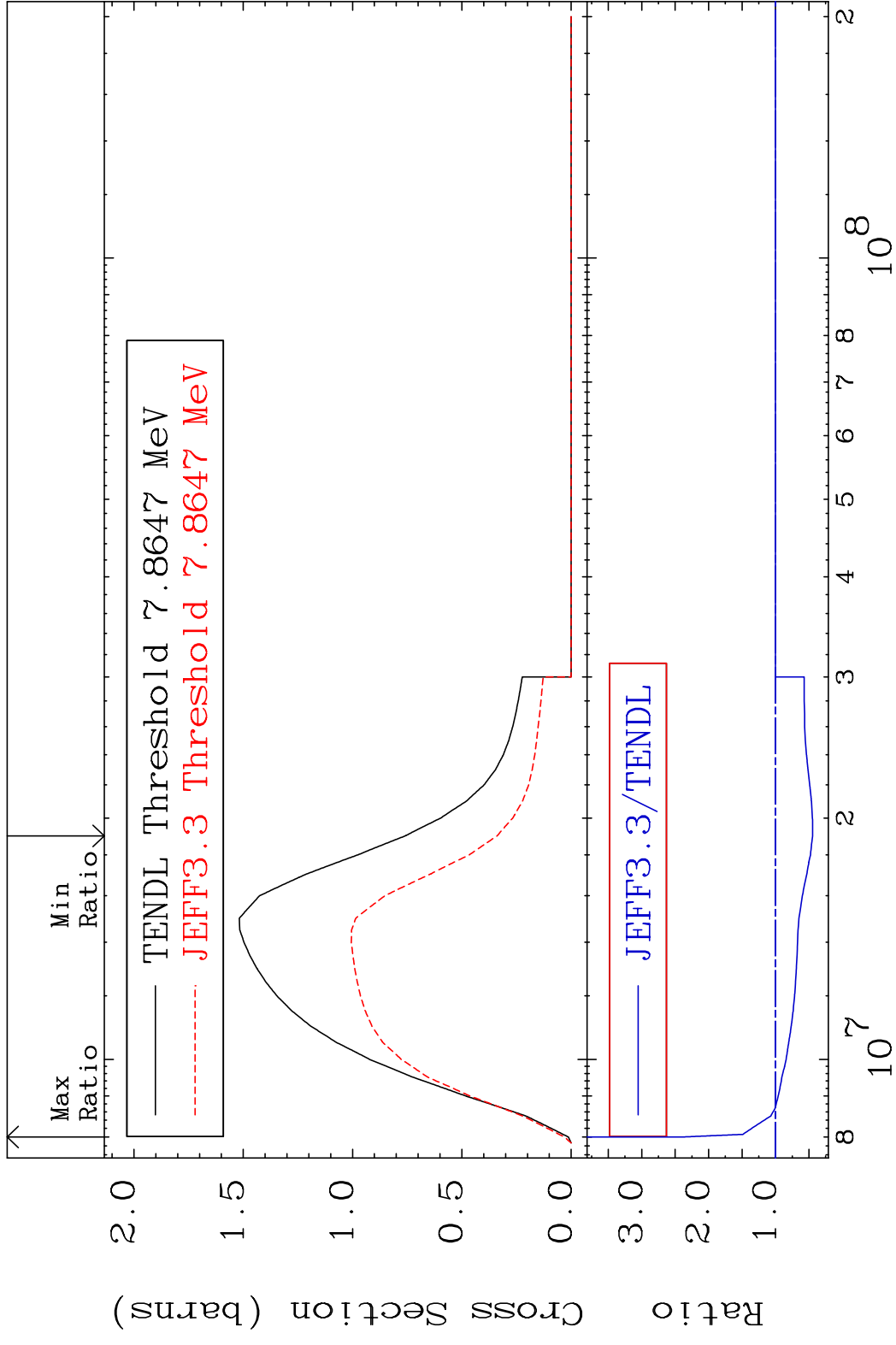


71 Incident Energy (eV) 76-0s-190

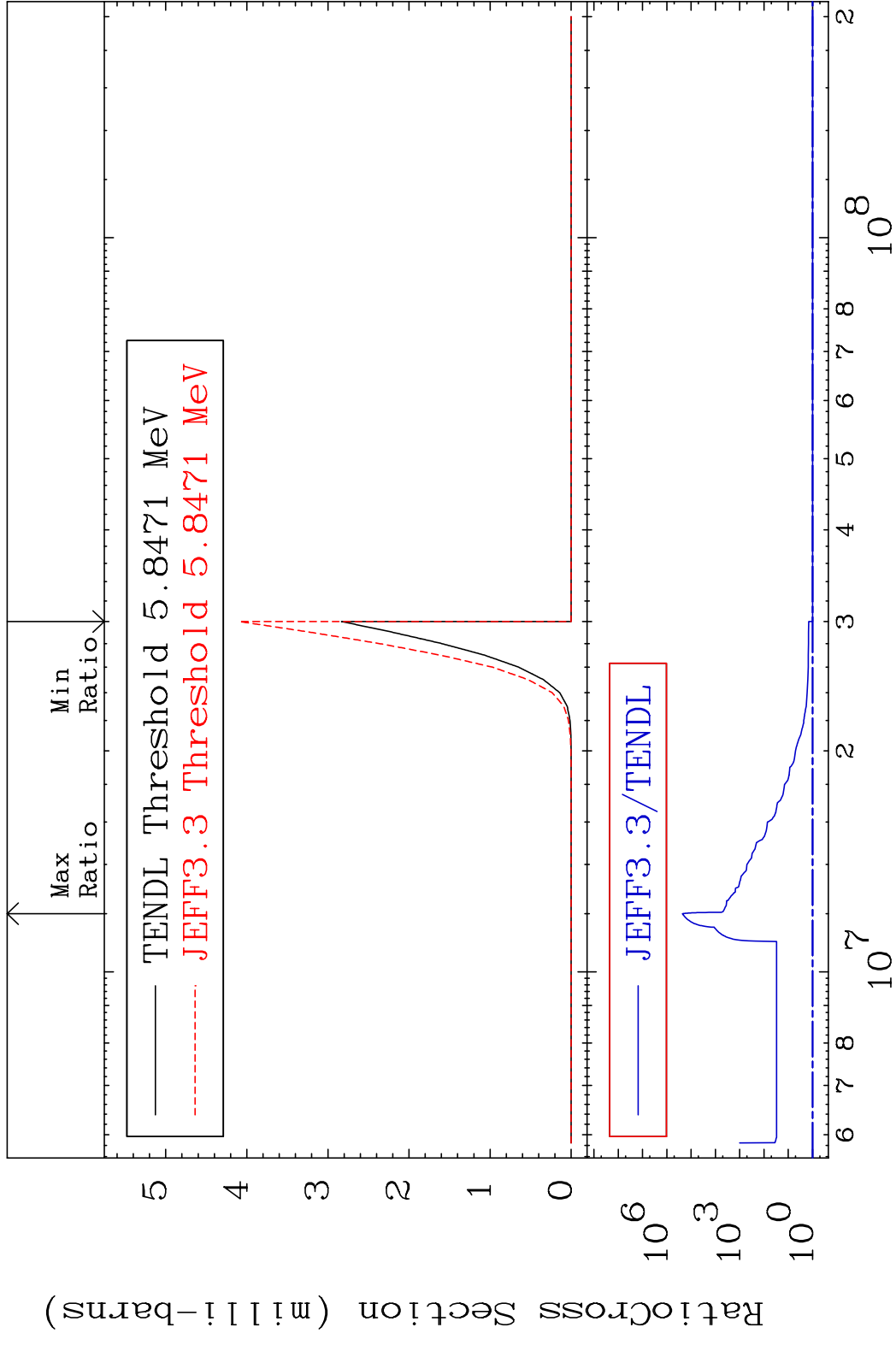
MAT 7643 (n,2n):76-0s-189g 76-0s-190
 Radionuclide Production Cross Section 119.8 %

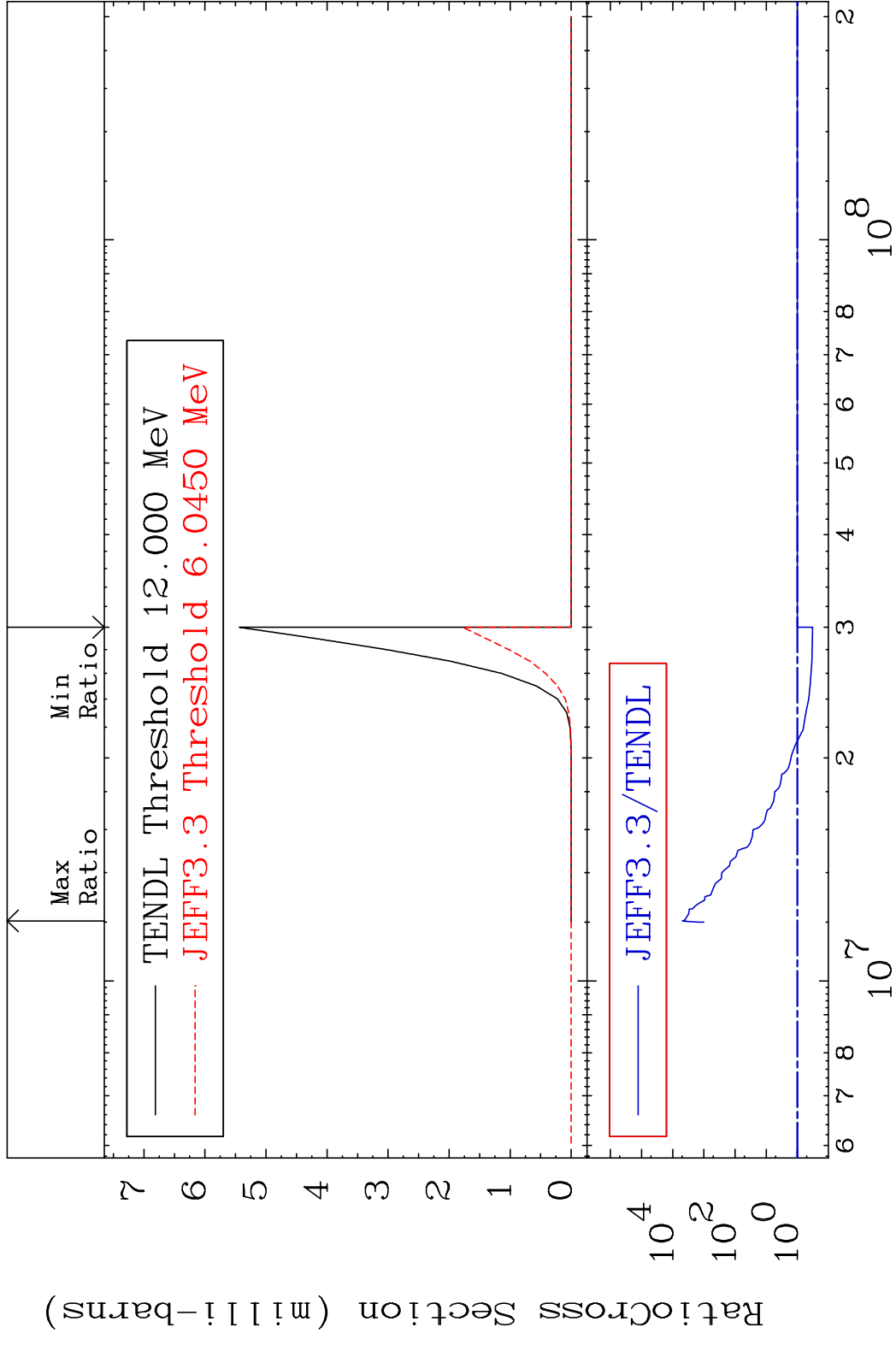


MAT 7643 (n,2n):76-0s-189m1 76-0s-190
 Radionuclide Production Cross Section 55e341d10 139.3 %

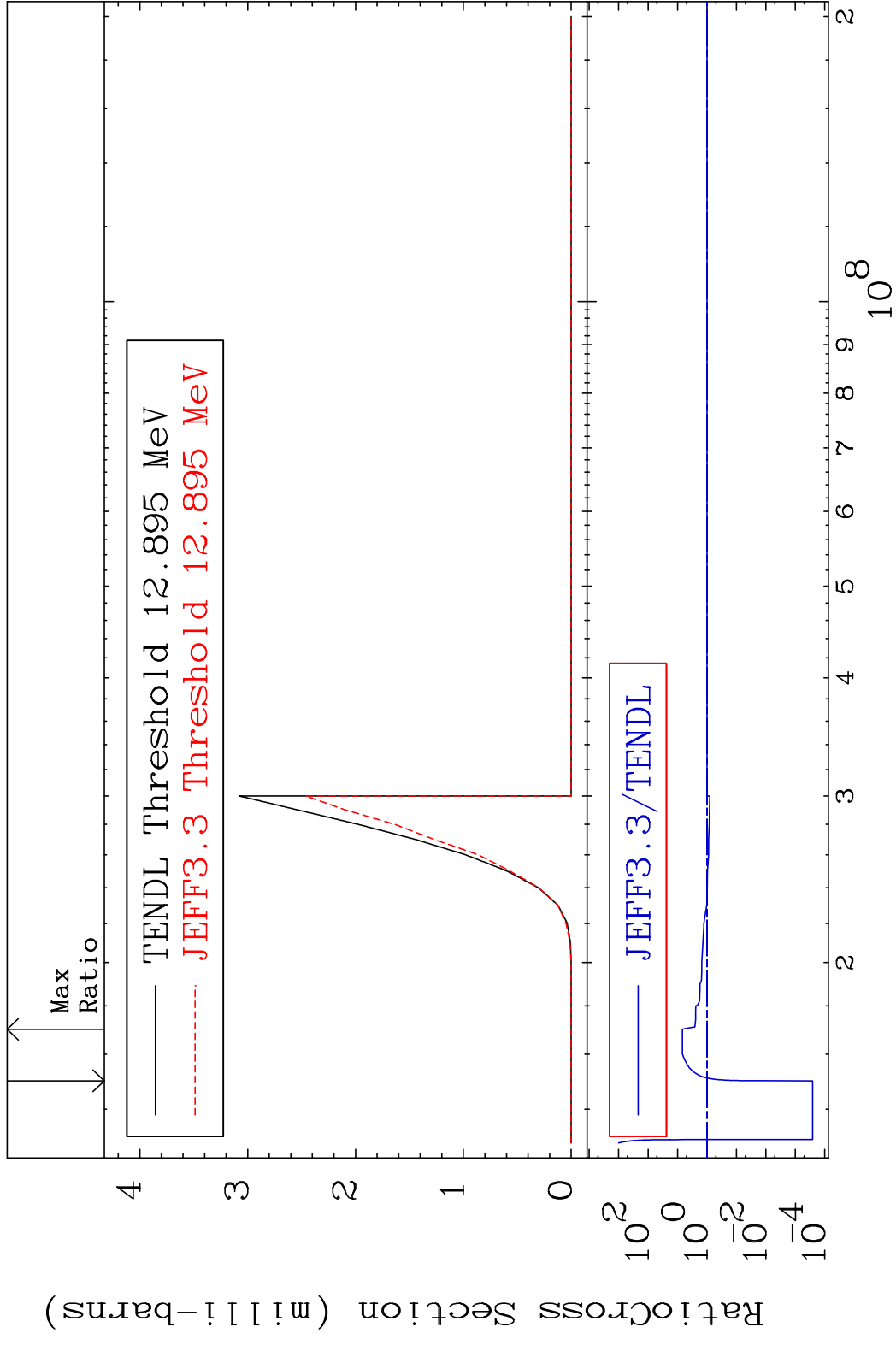


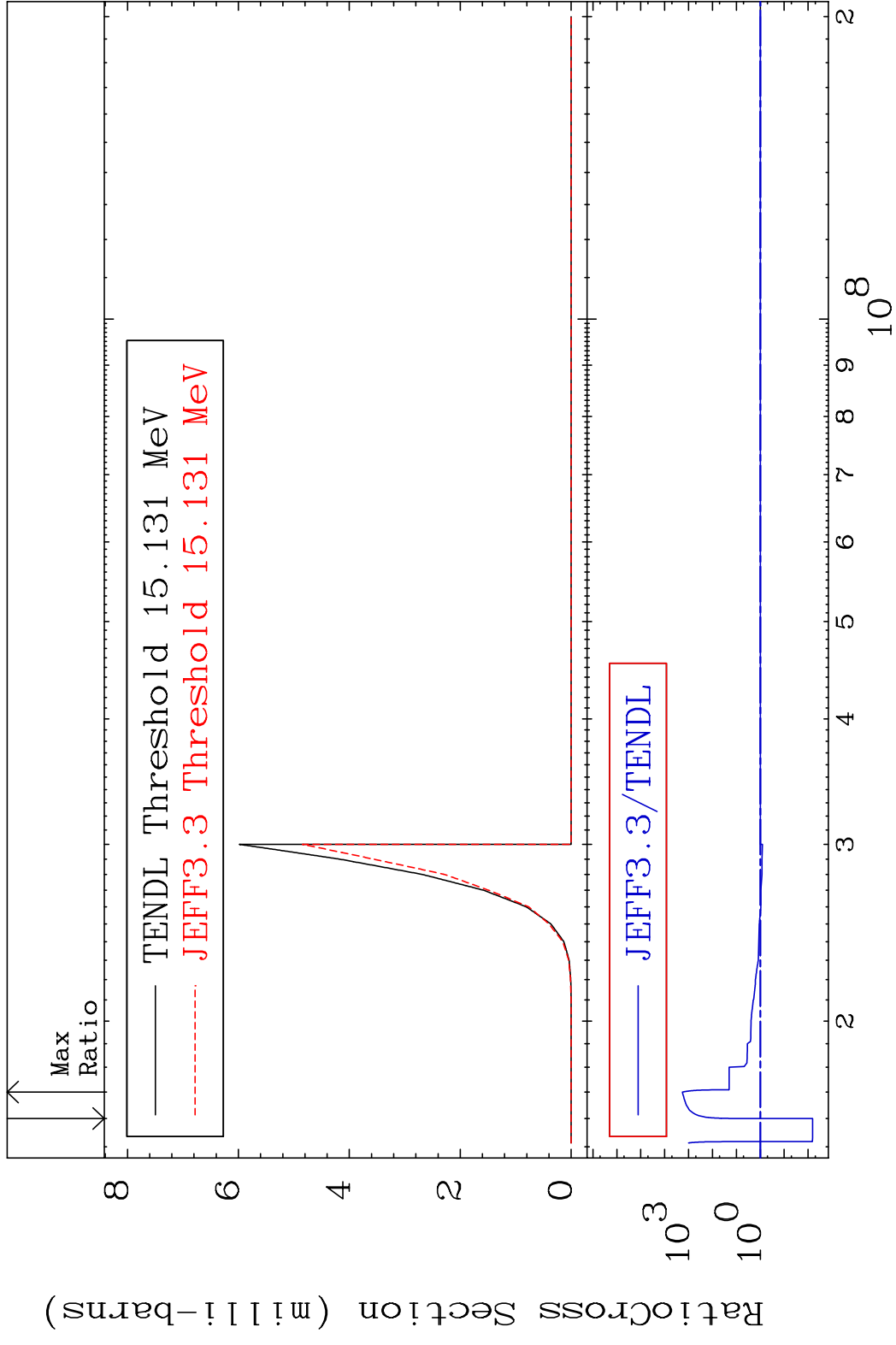
MAT 7643 (n,2n) α :74-W -185g 76-0s-190
 Radionuclide Production Cross Section 9999. %

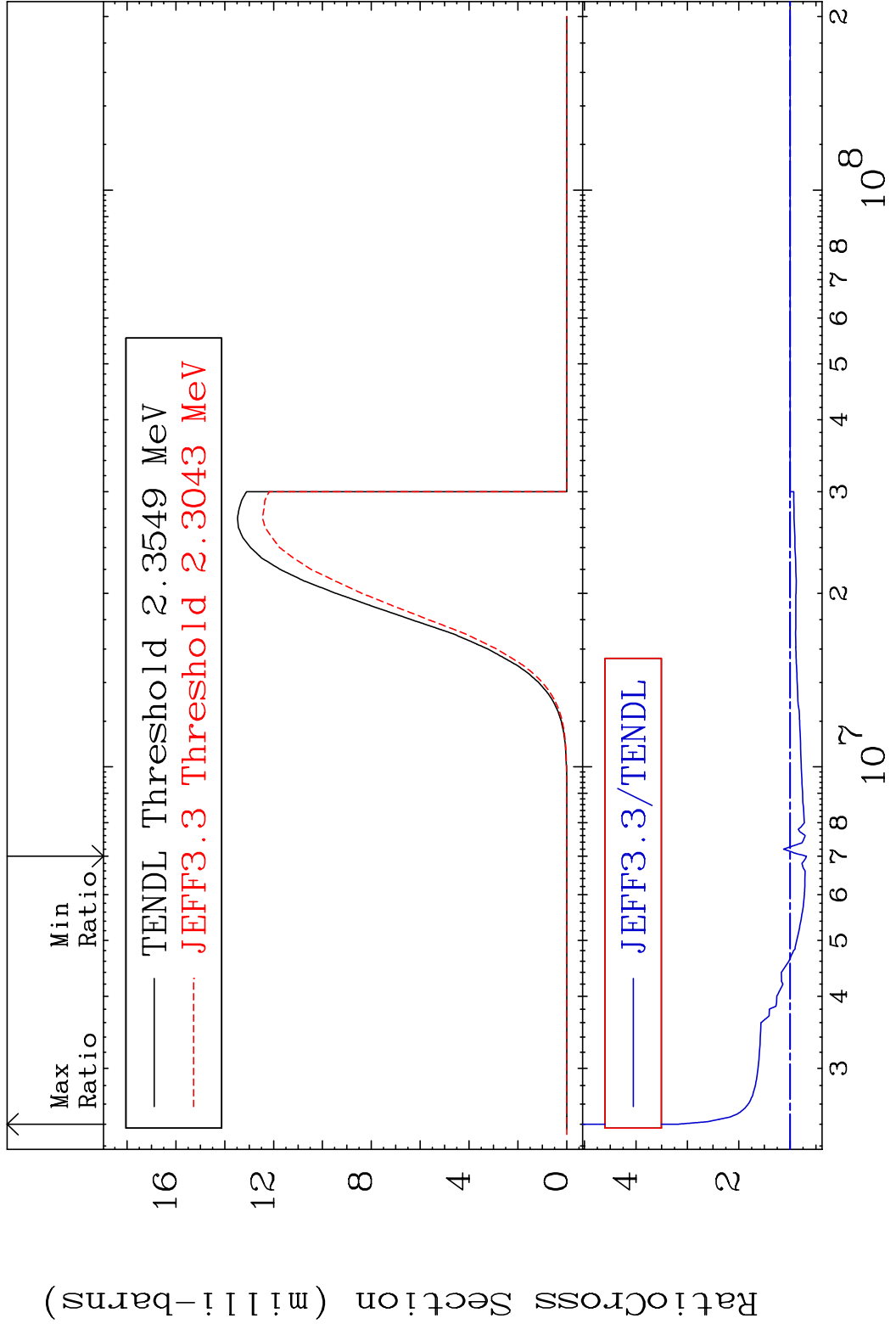




MAT 7643 (n, n') d:75-Re-188g 76-0s-190
 Radionuclide Production Cross Section 98.671 d 585.5 %







MAT 7643 (n, p) : 75-Re-190m3 76-0s-190
 Radionuclide Production Cross Section 44.07 %

