

Program Complot
(Version 2021-1)

by

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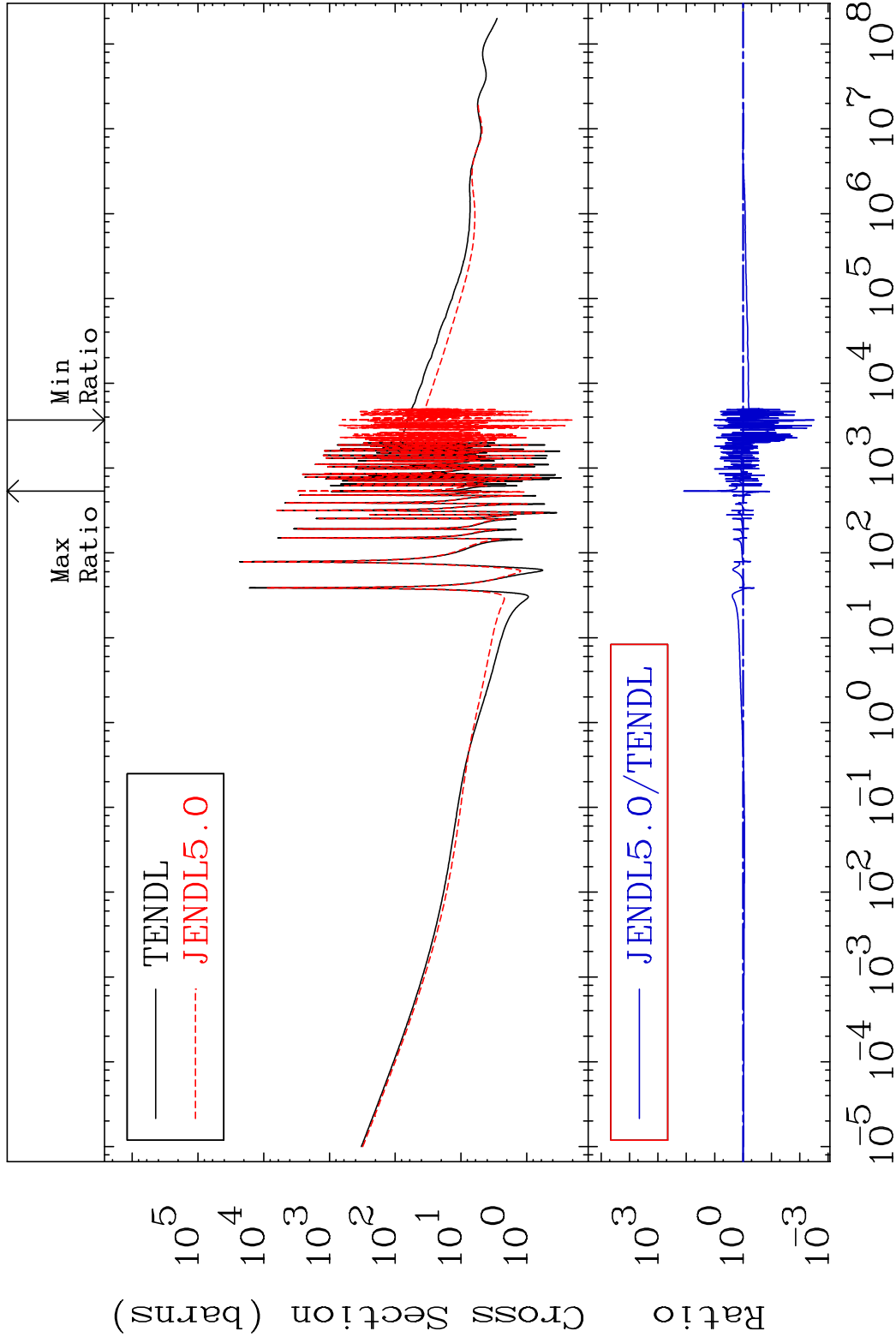
Press Mouse Button to Start

MAT 7637

Total

76-0s-188

Cross Section -99.69 To 9999. %



1

Incident Energy (eV)

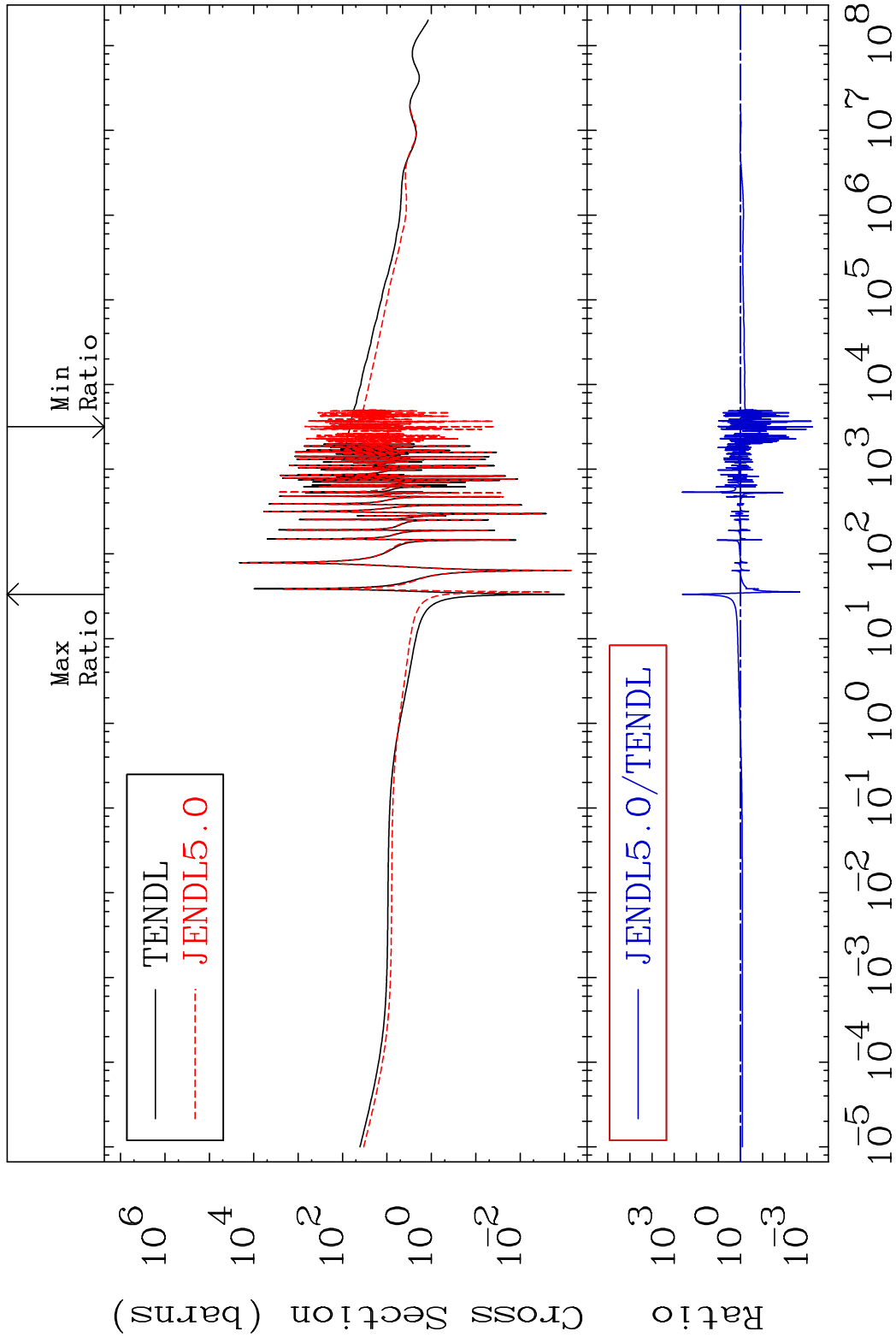
76-0s-188

MAT 7637

Elastic

76-0s-188

Cross Section -99.94 To 9999. %



2

Incident Energy (eV)

76-0s-188

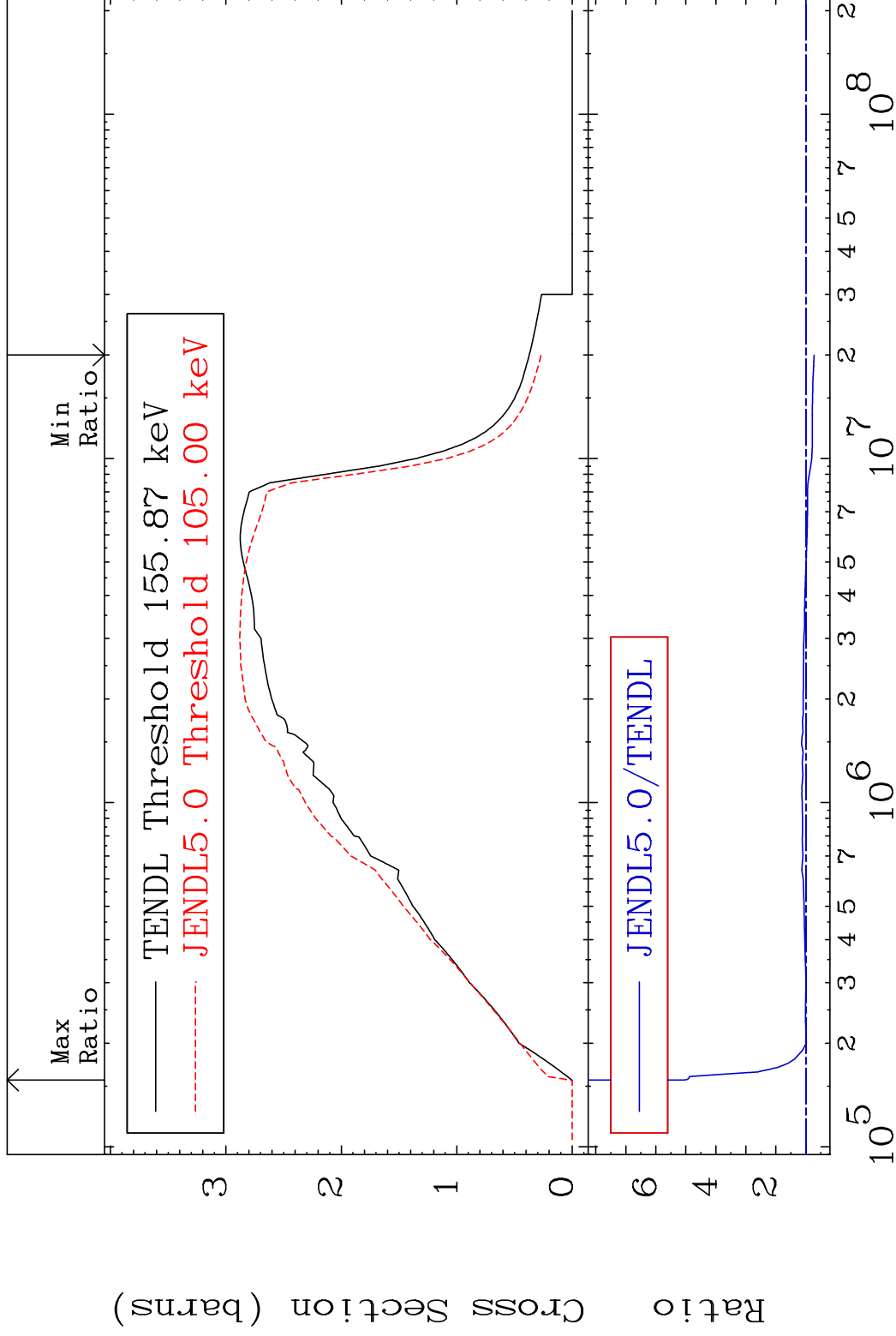
MAT 7637

Inelastic

76-0s-188

Cross Section

-27.59 To 407.2 %



3

Incident Energy (eV)

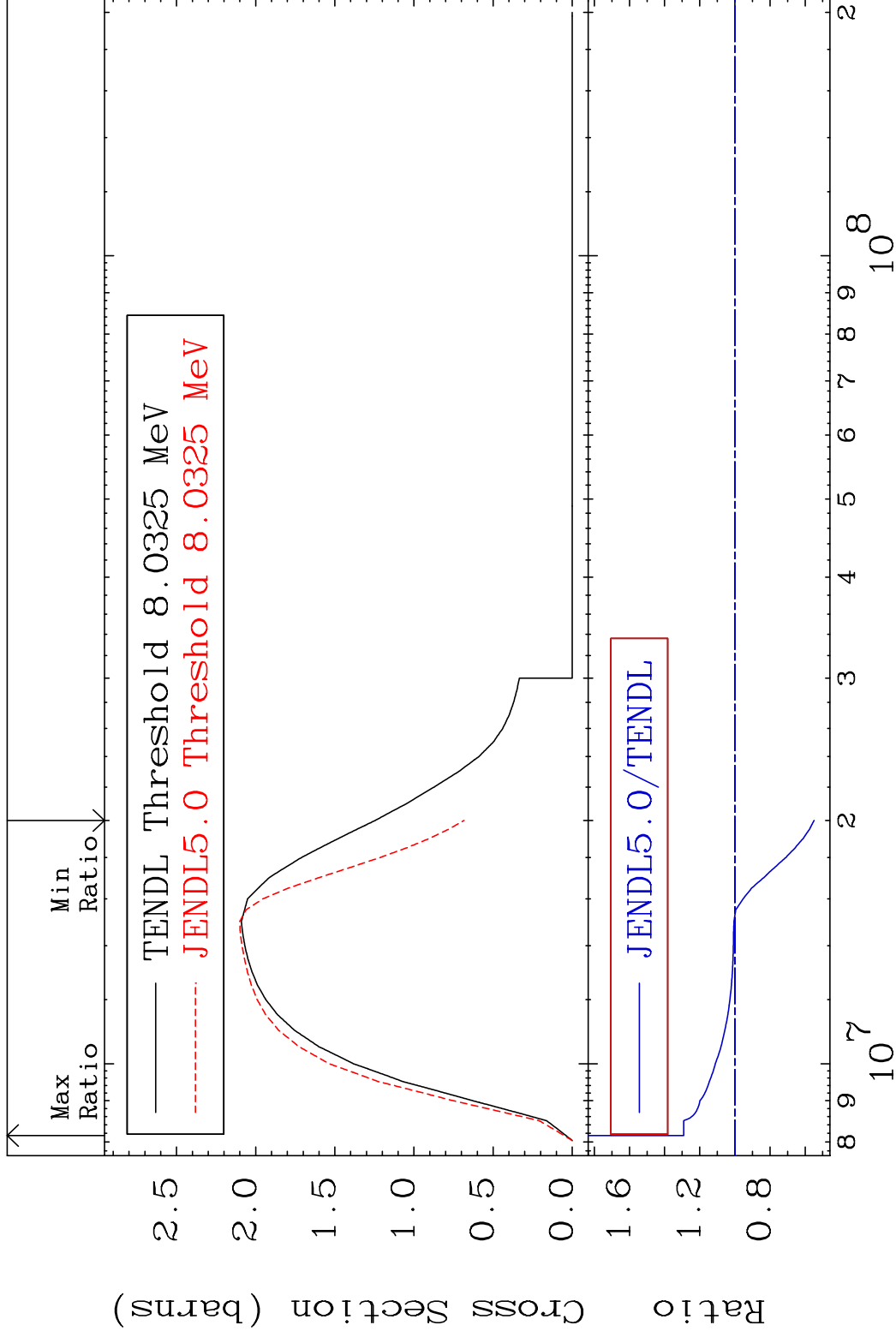
76-0s-188

MAT 7637

(n,2n)

76-0s-188

Cross Section -45.10 To 29.16 %



4

Incident Energy (eV)

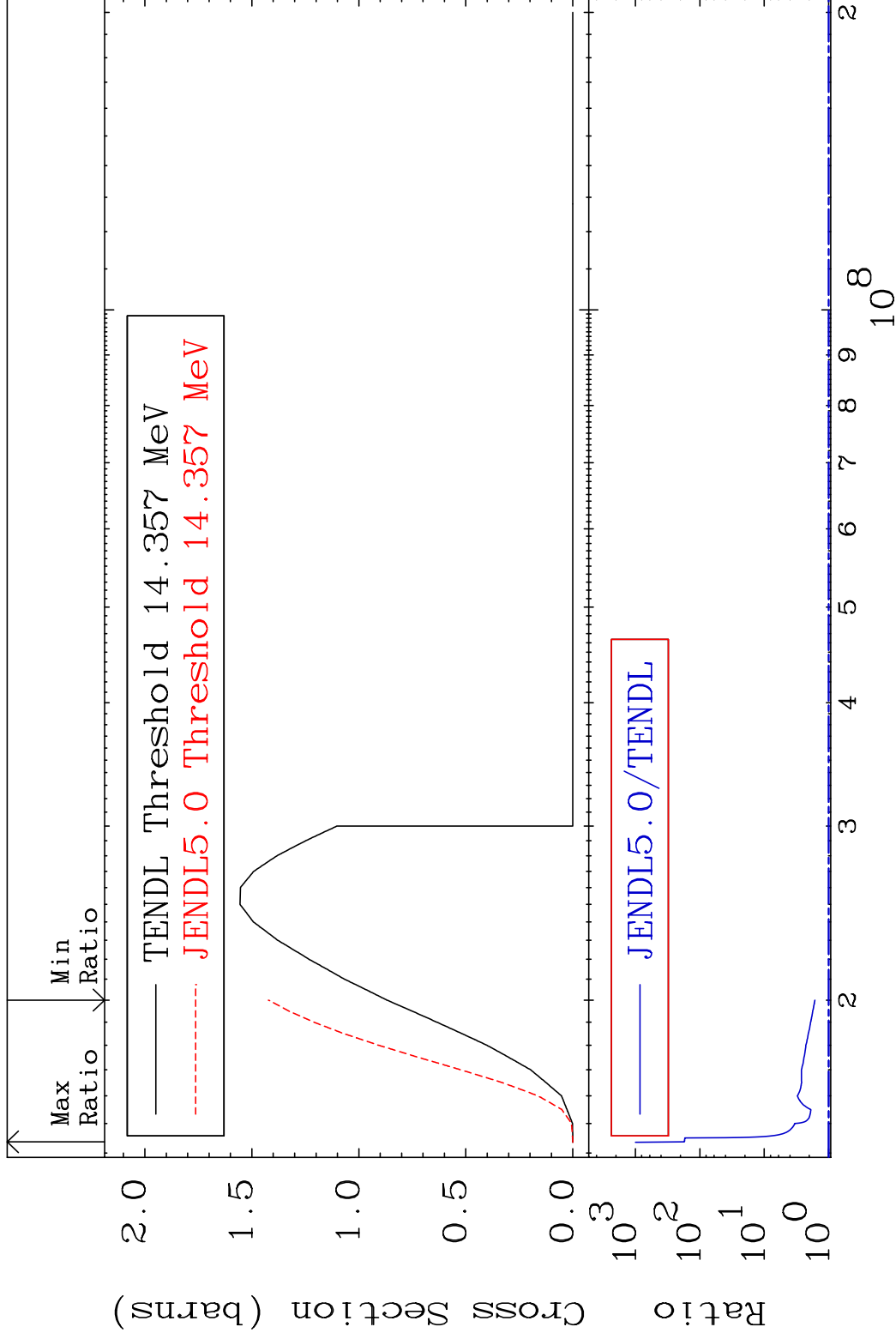
76-0s-188

MAT 7637

(n,3n)

76-0s-188

Cross Section 63.73 To 9999. %



5

Incident Energy (eV)

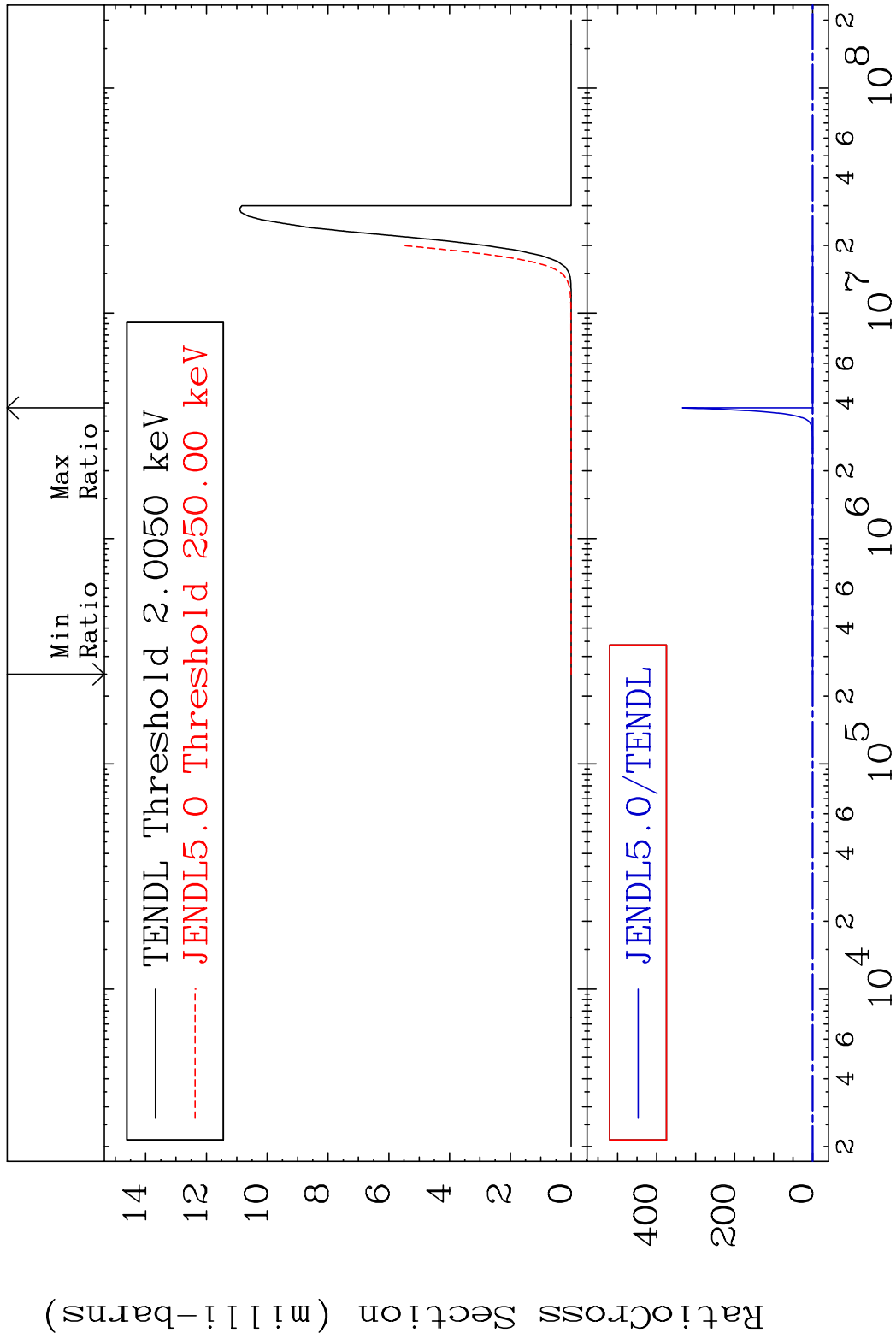
76-0s-188

MAT 7637

(n, n') α

76-Os-188

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

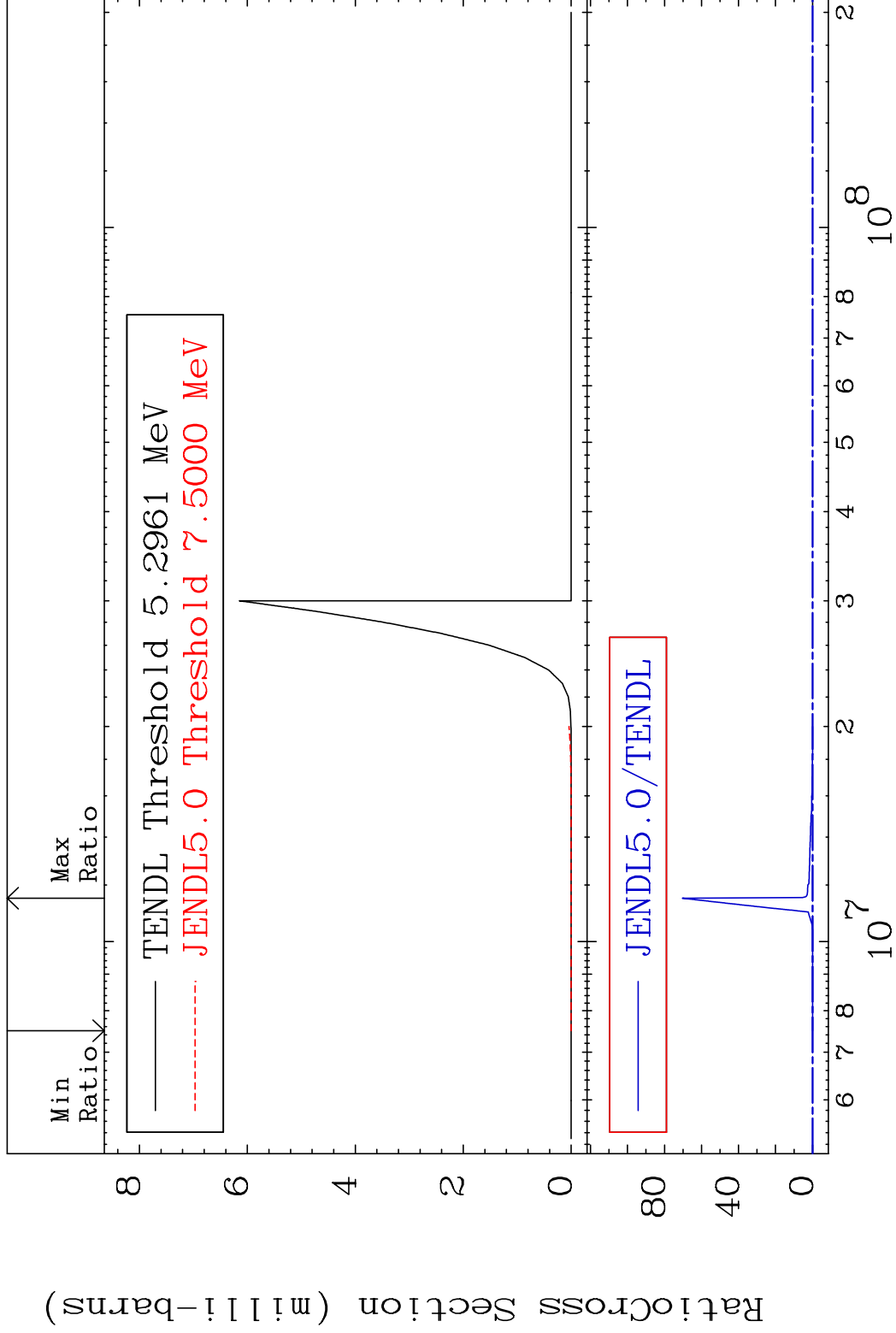
76-Os-188

MAT 7637

(n,2n) α

76-0s-188

Cross Section -100.0 To 9999. %

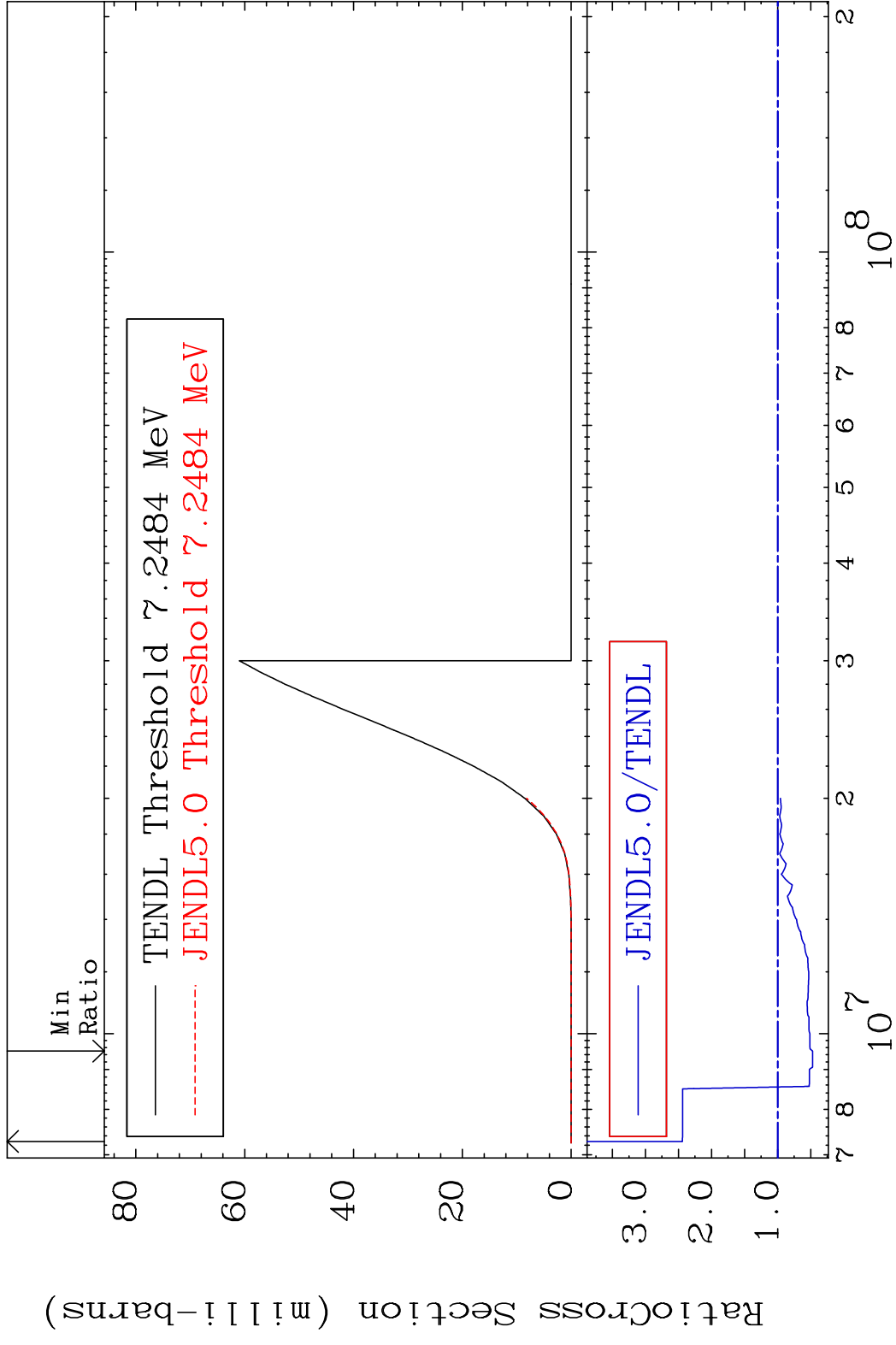


7

Incident Energy (eV)

76-0s-188

MAT 7637 (n, n') p 76-0s-188
 Cross Section -52.76 To 144.2 %



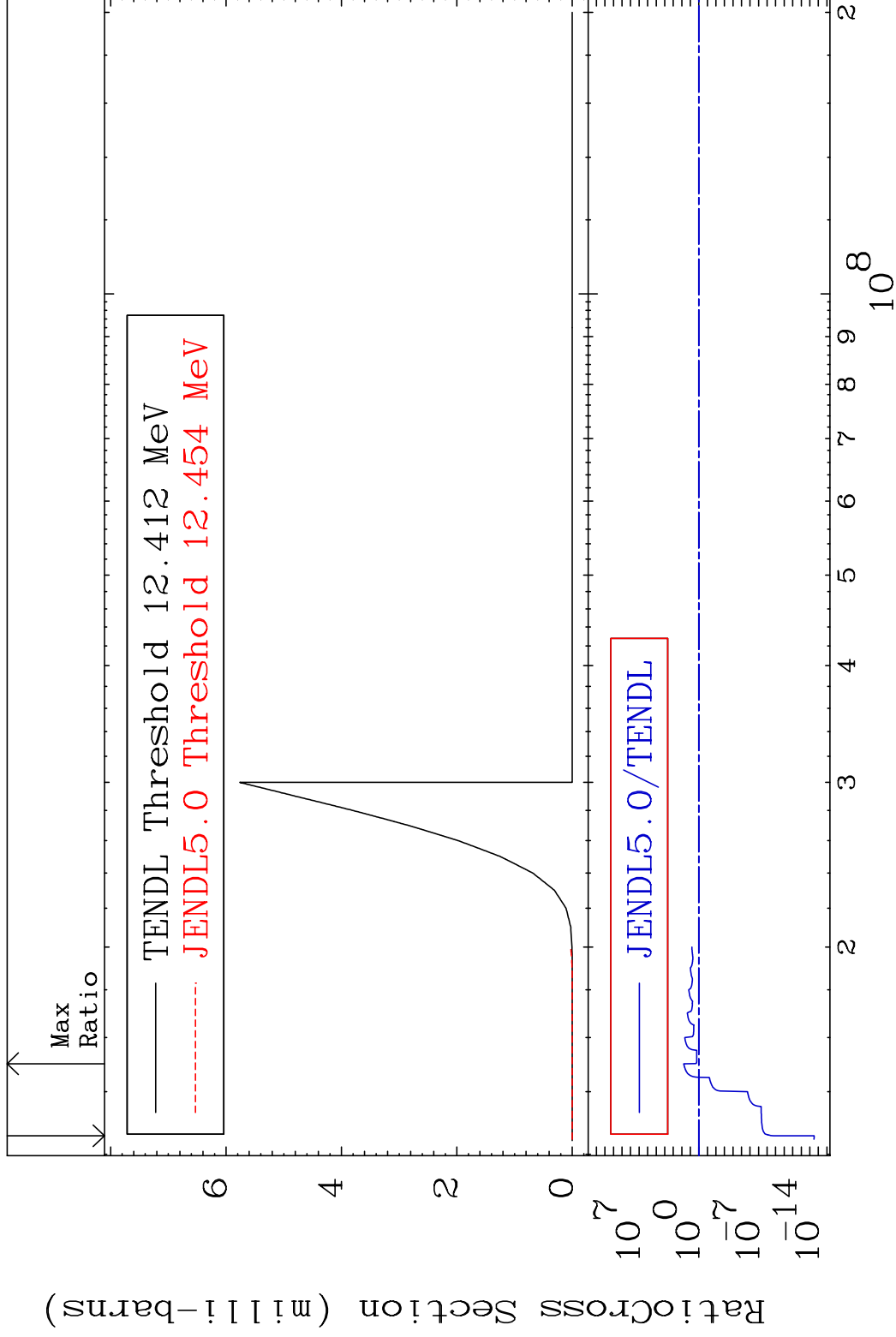
8 Incident Energy (eV) 76-0s-188

MAT 7637

(n, n') d

76-0s-188

Cross Section -100.0 To 5912. %

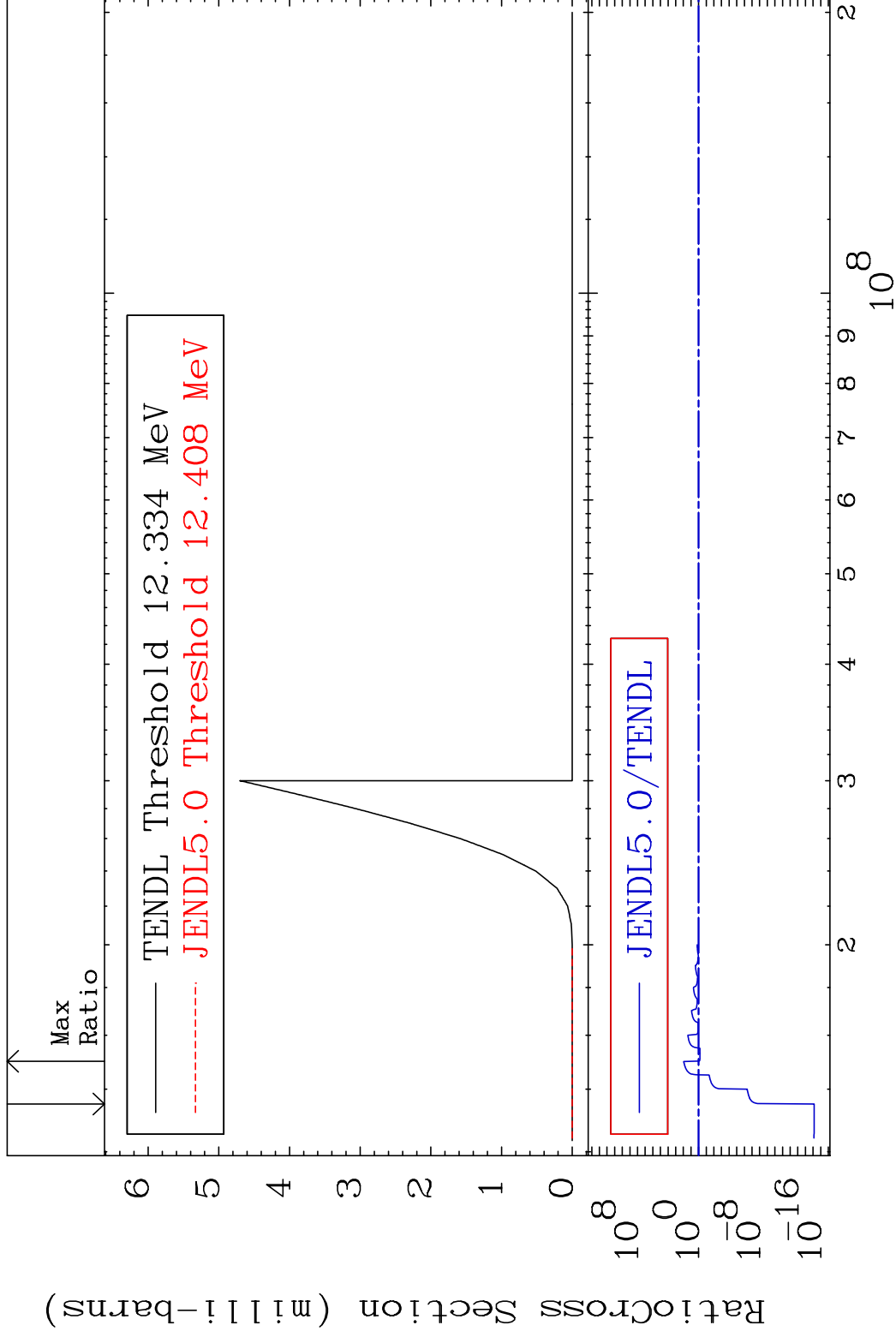


MAT 7637

(n, n') t

76-0s-188

Cross Section -100.0 To 8984. %

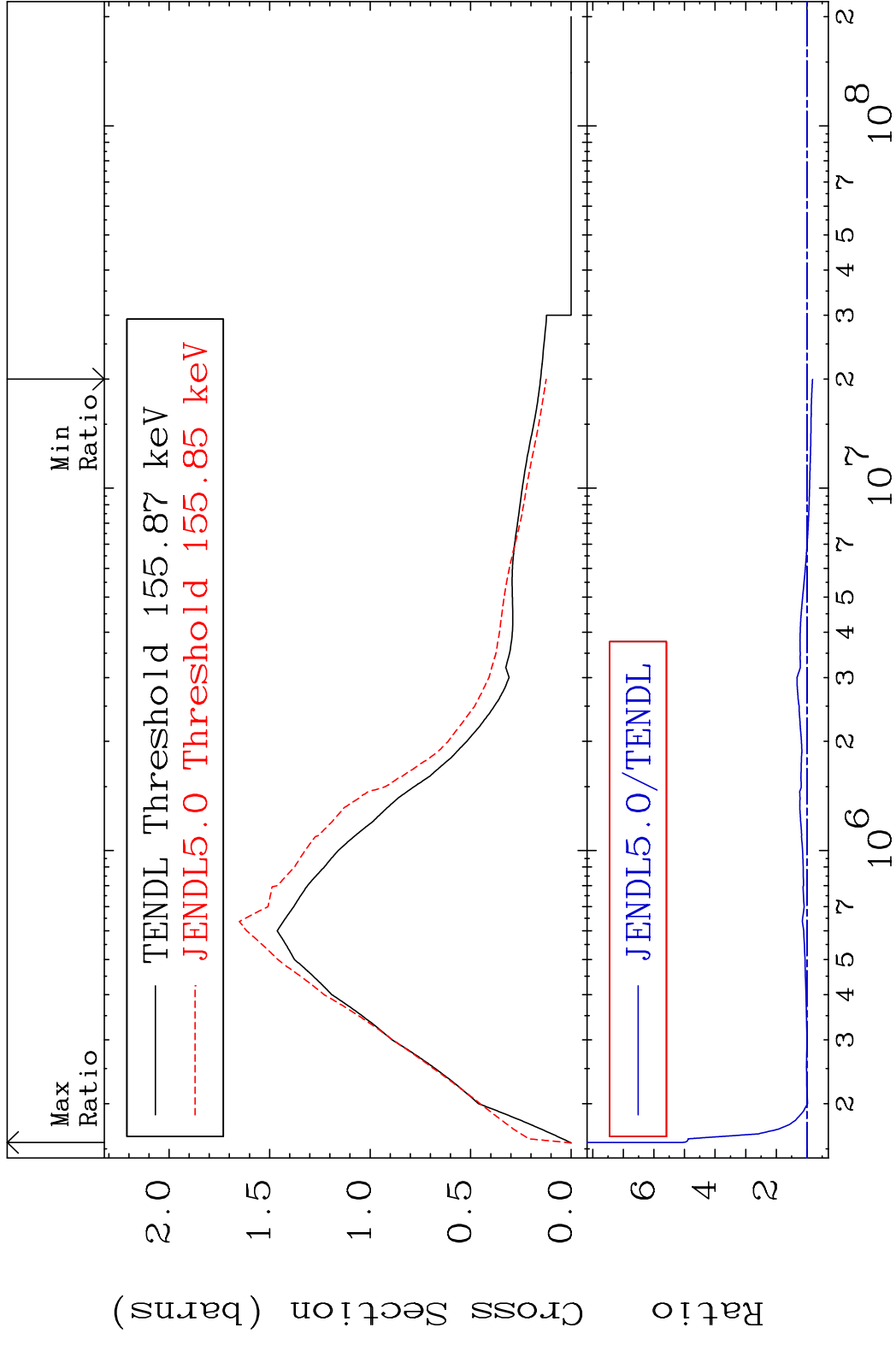


10

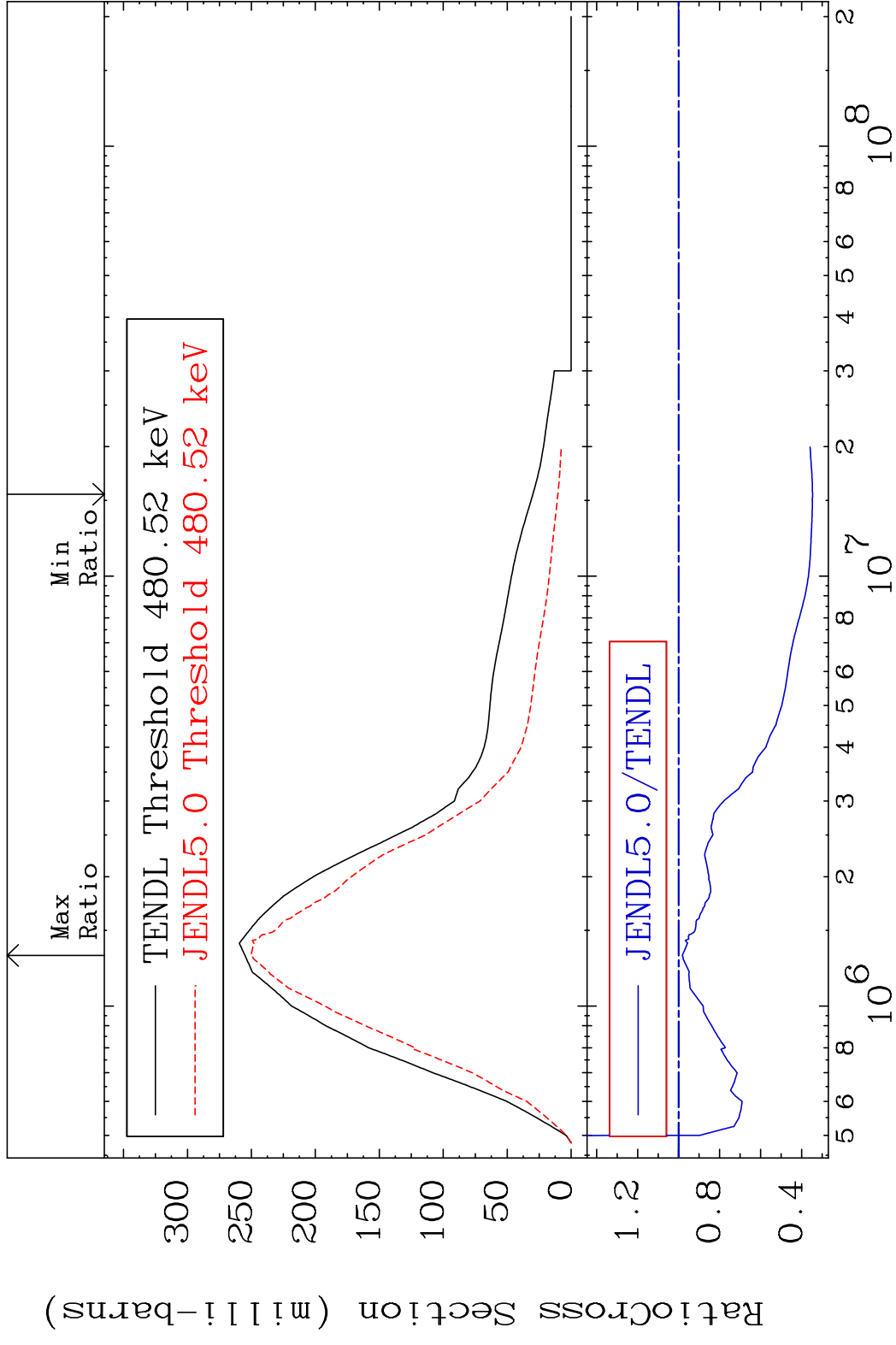
Incident Energy (eV)

76-0s-188

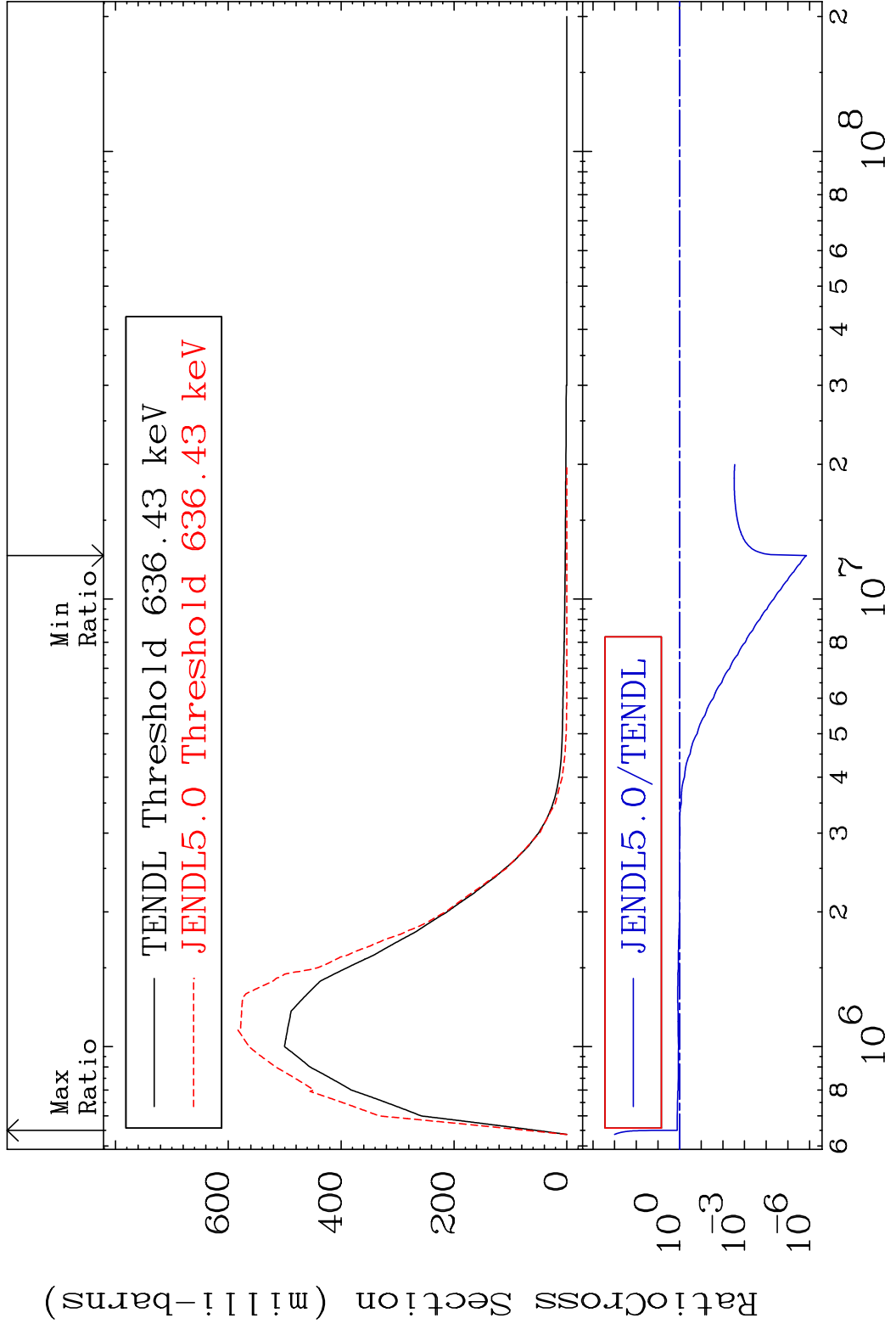
MAT 7637 MT= 51 (n, n') Level 76-0s-188
 Cross Section -18.42 To 407.0 %



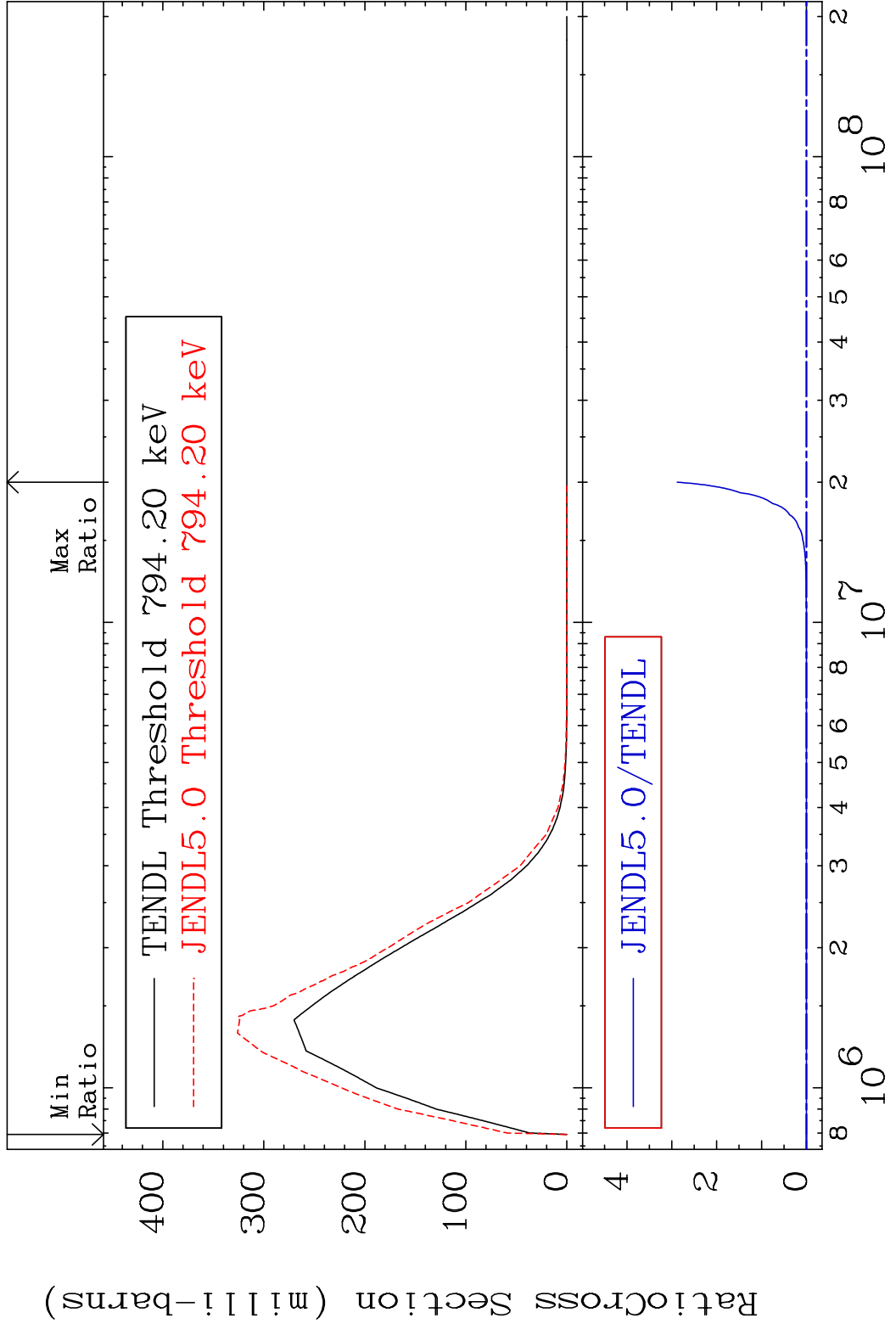
MAT 7637 MT= 52 (n, n') Level 76-0s-188
 Cross Section -65.30 To -1.822%



MAT 7637 MT= 53 (n, n') Level 76-0s-188
 Cross Section -100.0 To 29.07 %

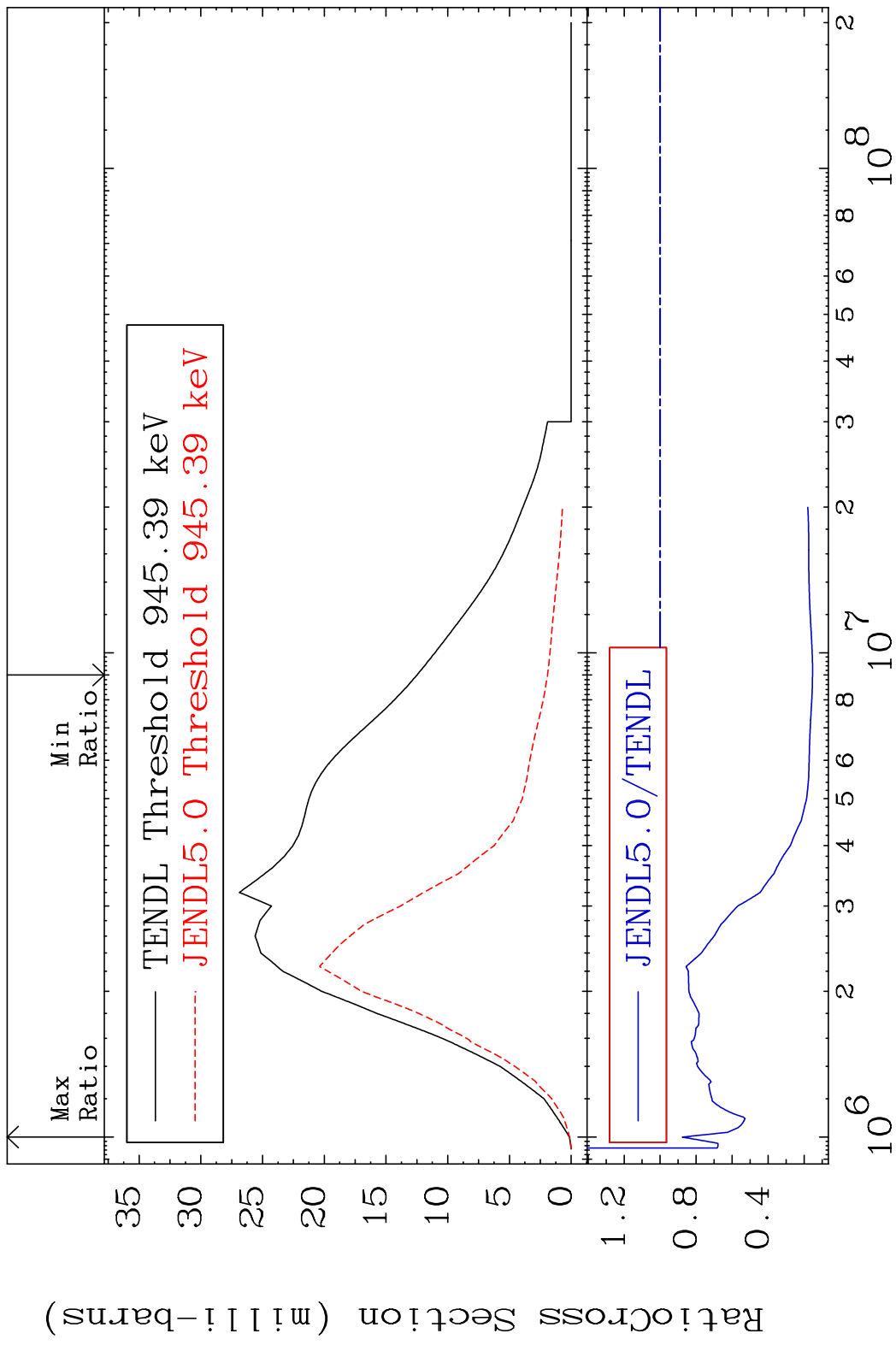


MAT 7637 MT= 54 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



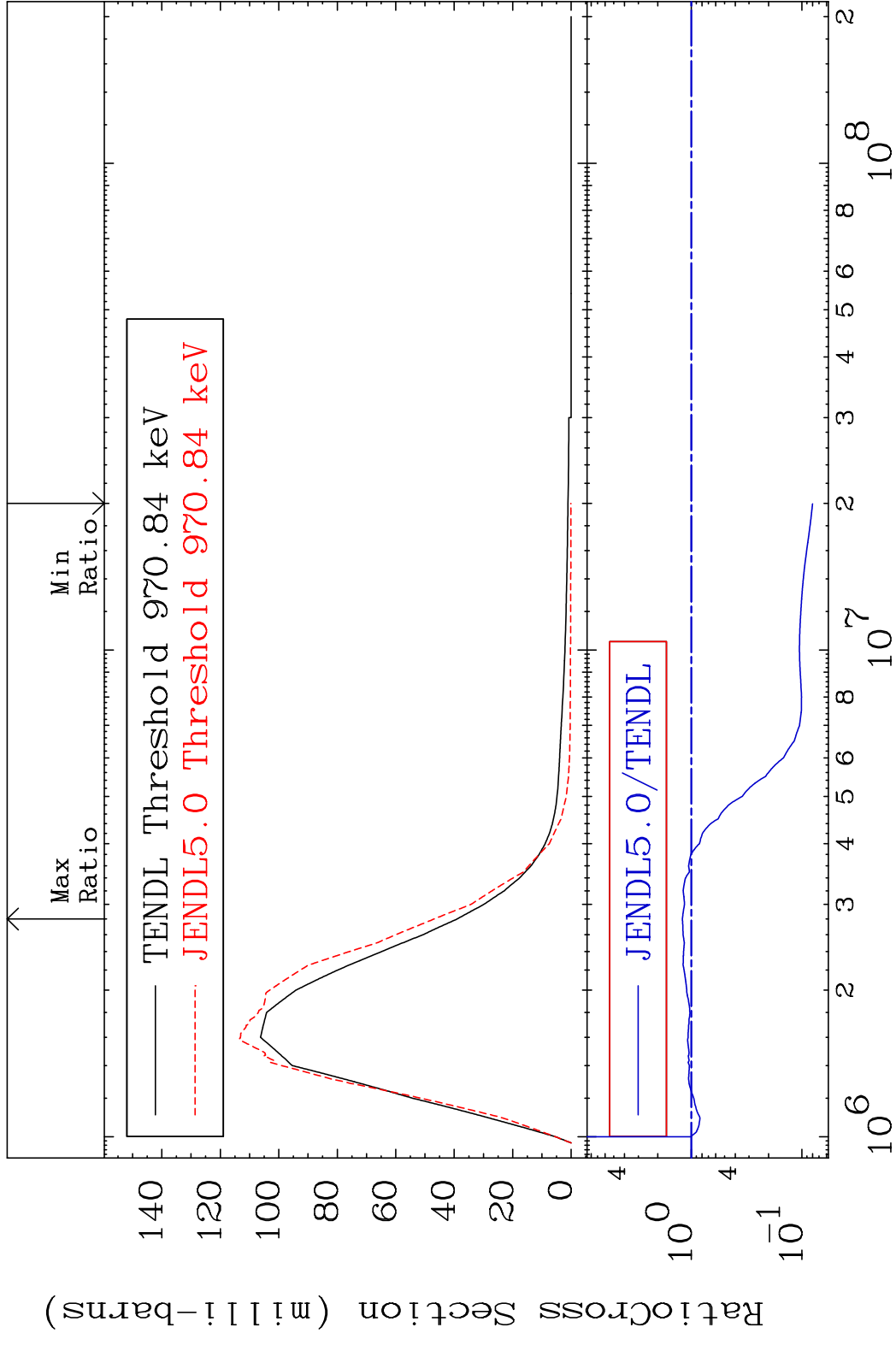
14 Incident Energy (eV) 76-0s-188

MAT 7637 MT= 55 (n,n') Level 76-0s-188
 Cross Section -84.64 To -12.33%



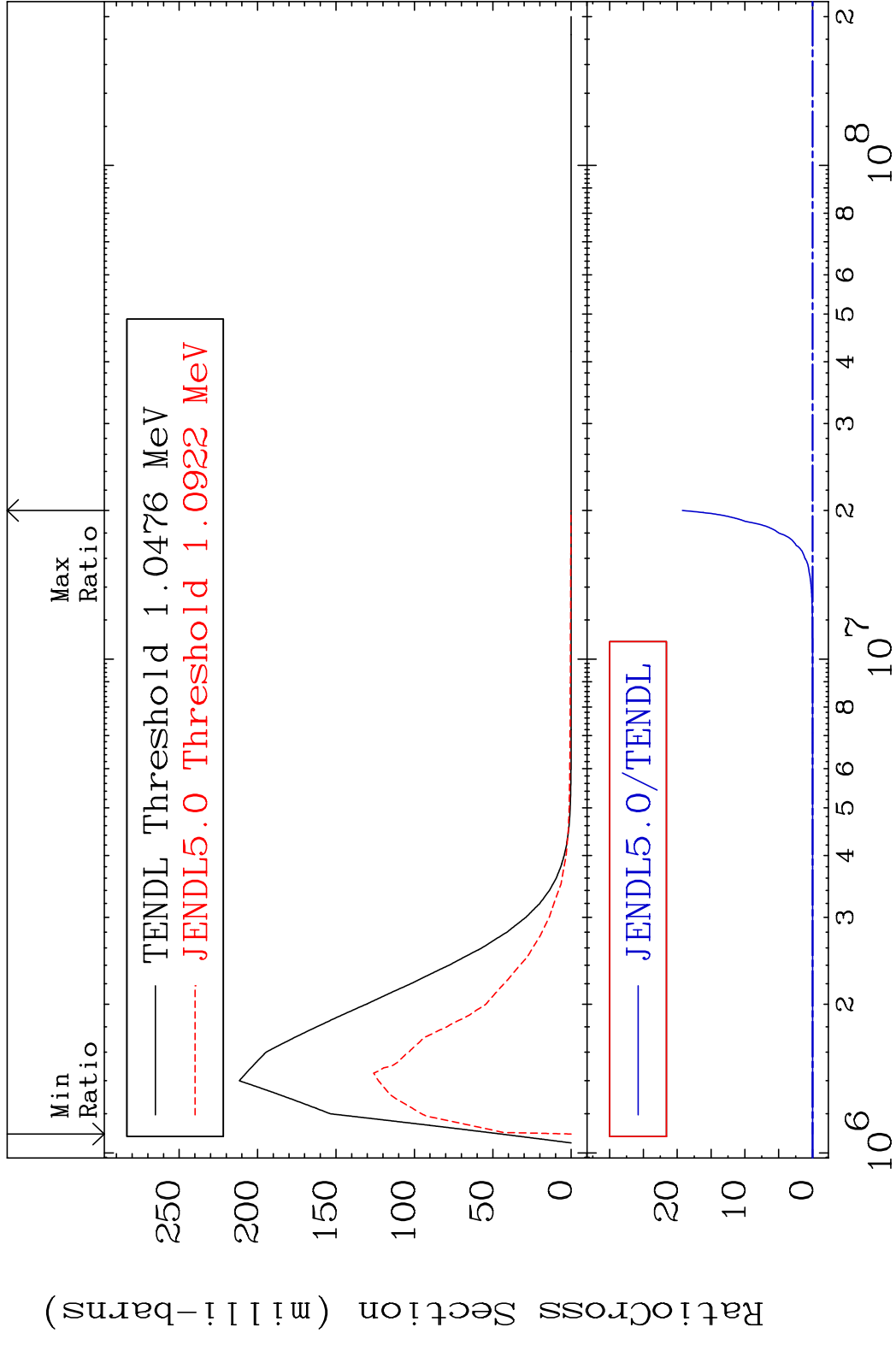
15 Incident Energy (eV) 76-0s-188

MAT 7637 MT= 56 (n, n') Level 76-0s-188
 Cross Section -91.99 To 20.15 %



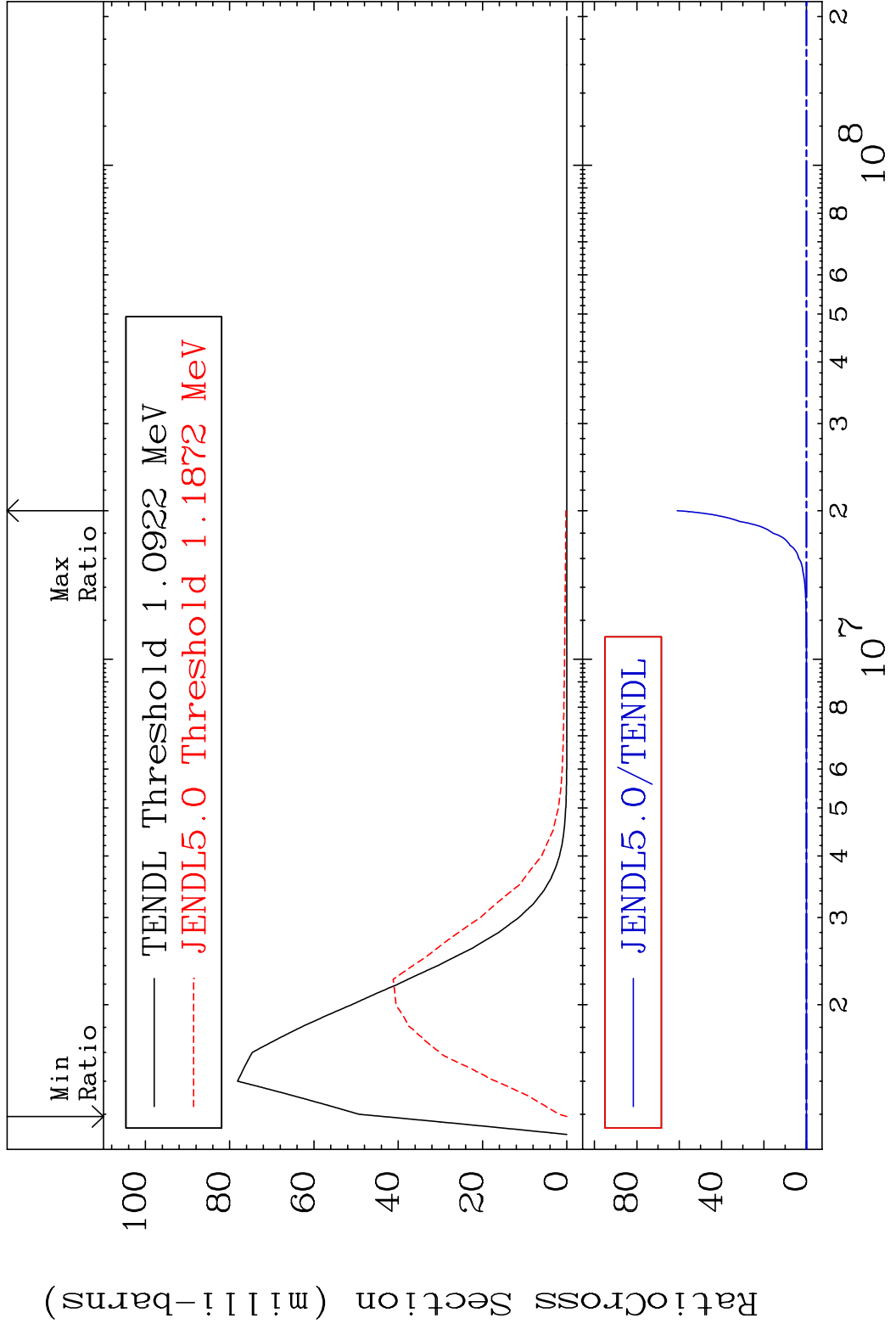
16 Incident Energy (eV) 76-0s-188

MAT 7637 MT= 57 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %

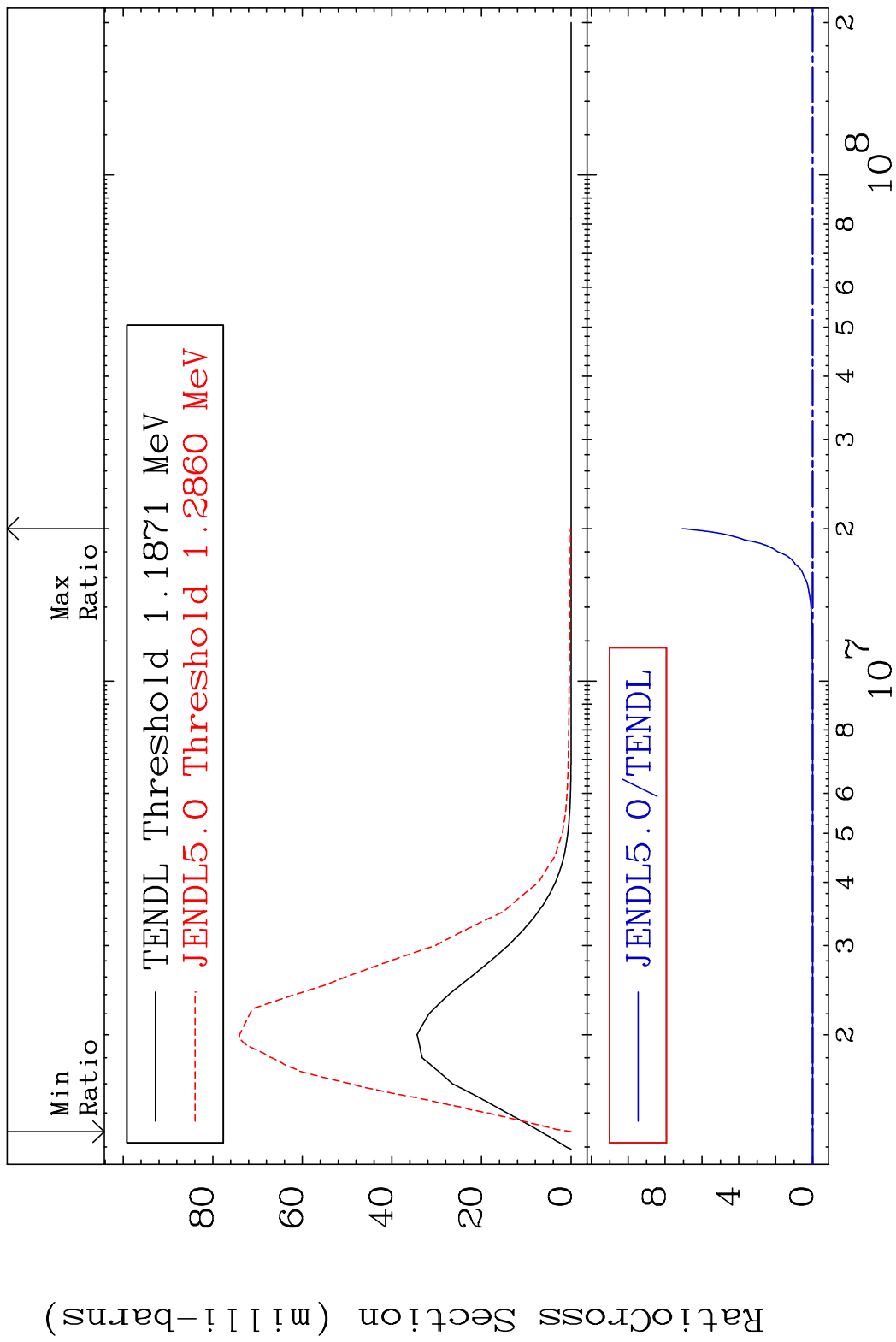


17 Incident Energy (eV) 76-0s-188

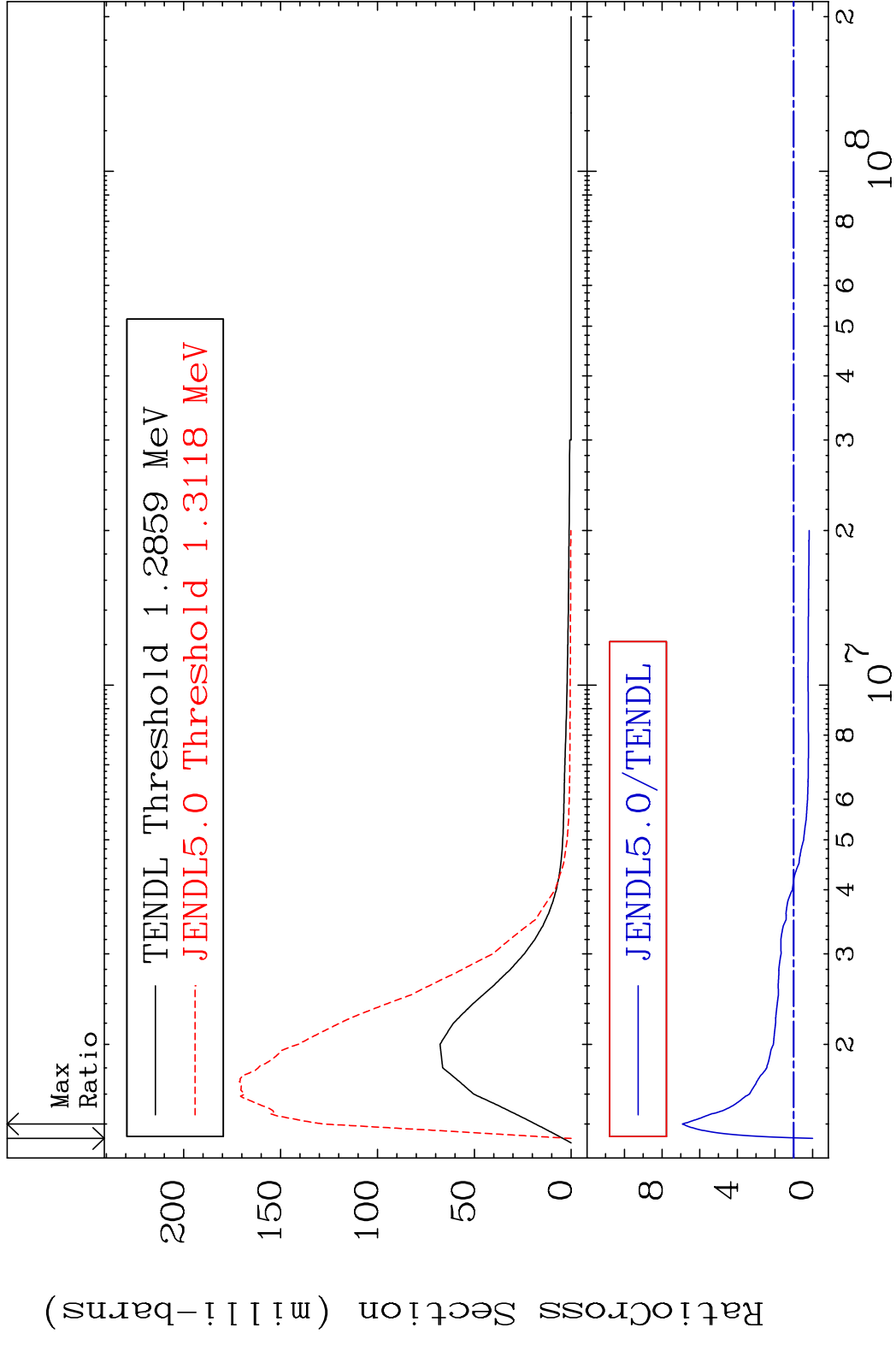
MAT 7637 MT= 58 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



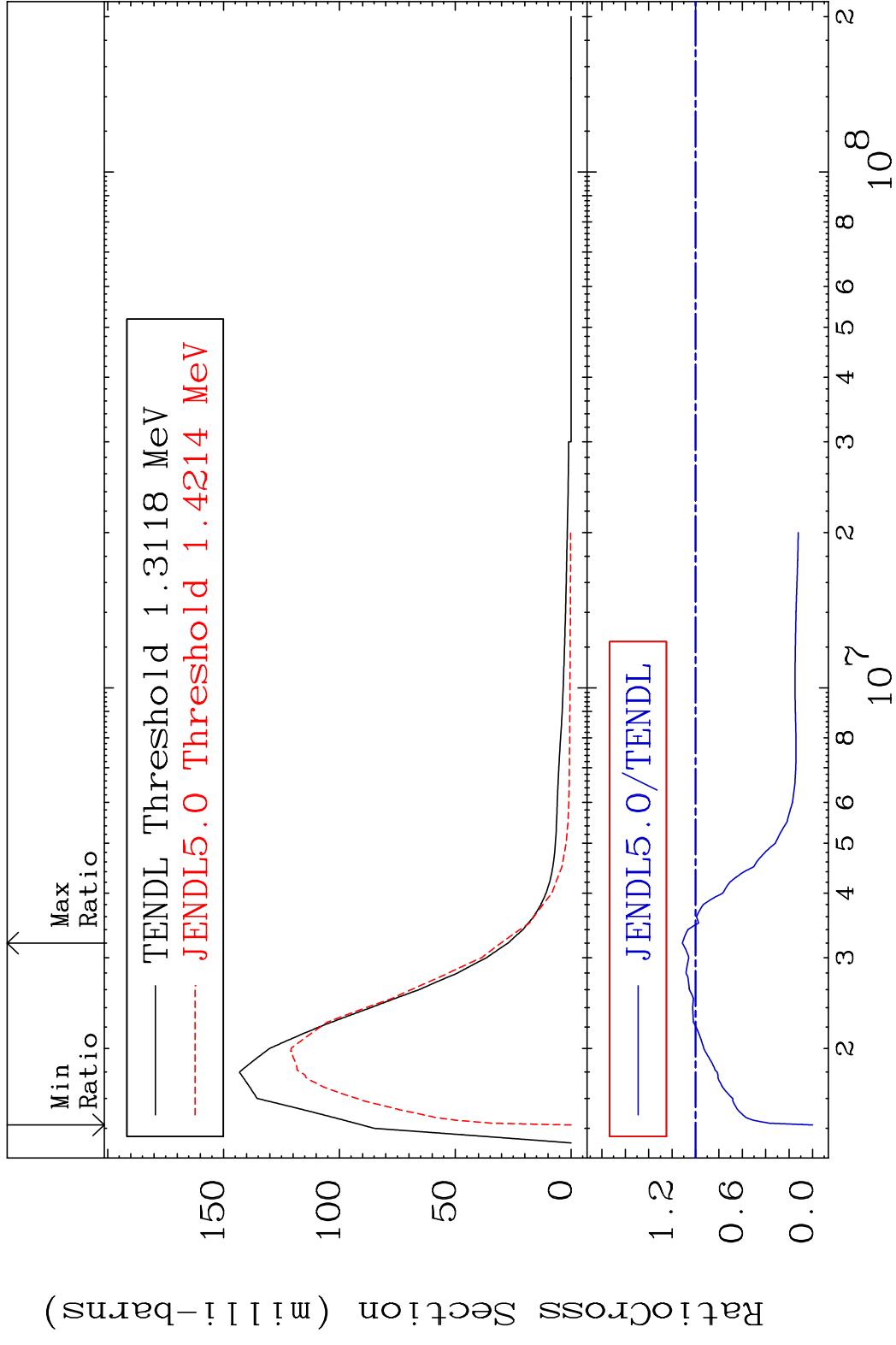
MAT 7637 MT= 59 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



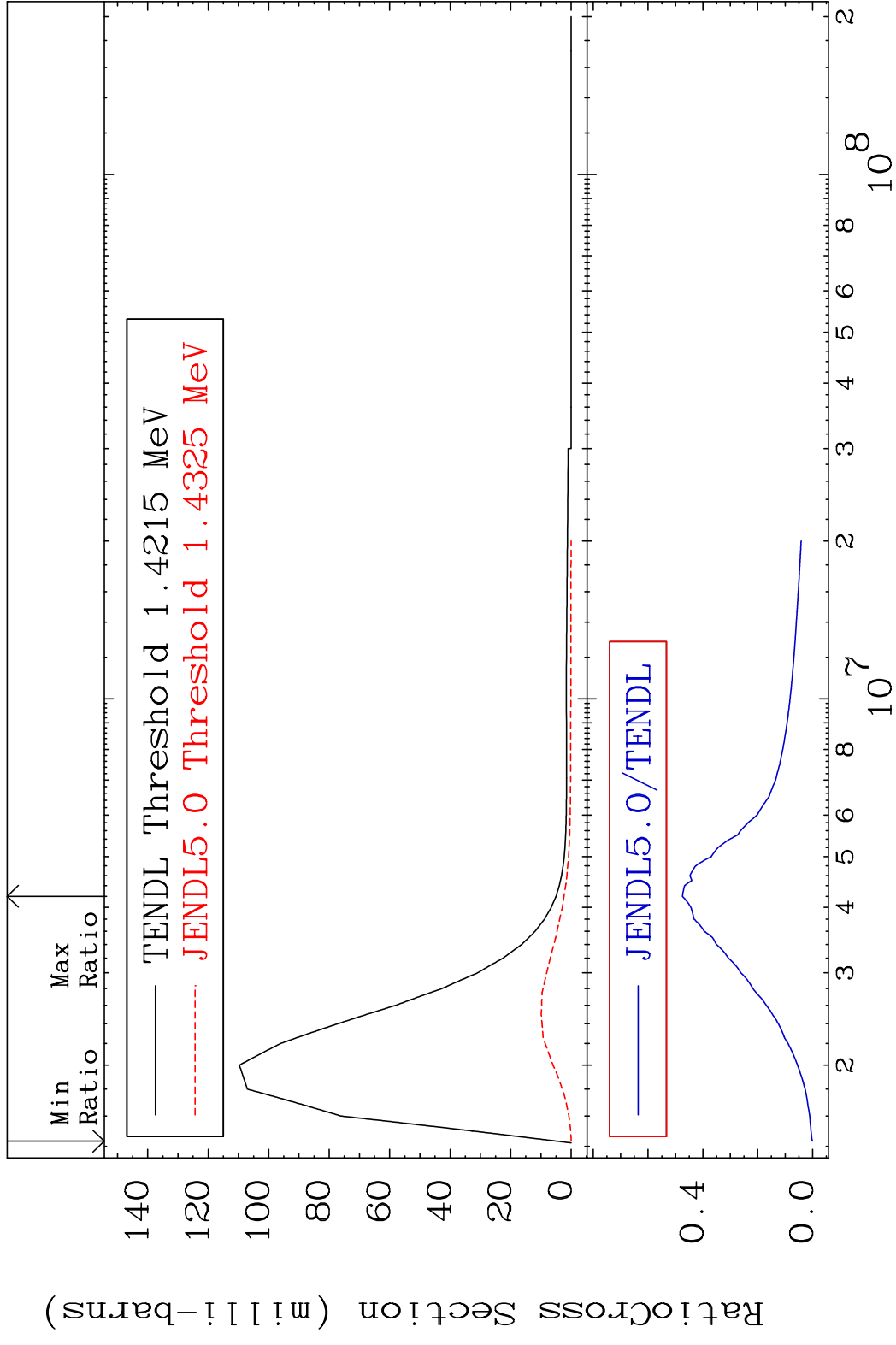
MAT 7637 MT= 60 (n,n') Level 76-0s-188
 Cross Section -100.0 To 592.1 %



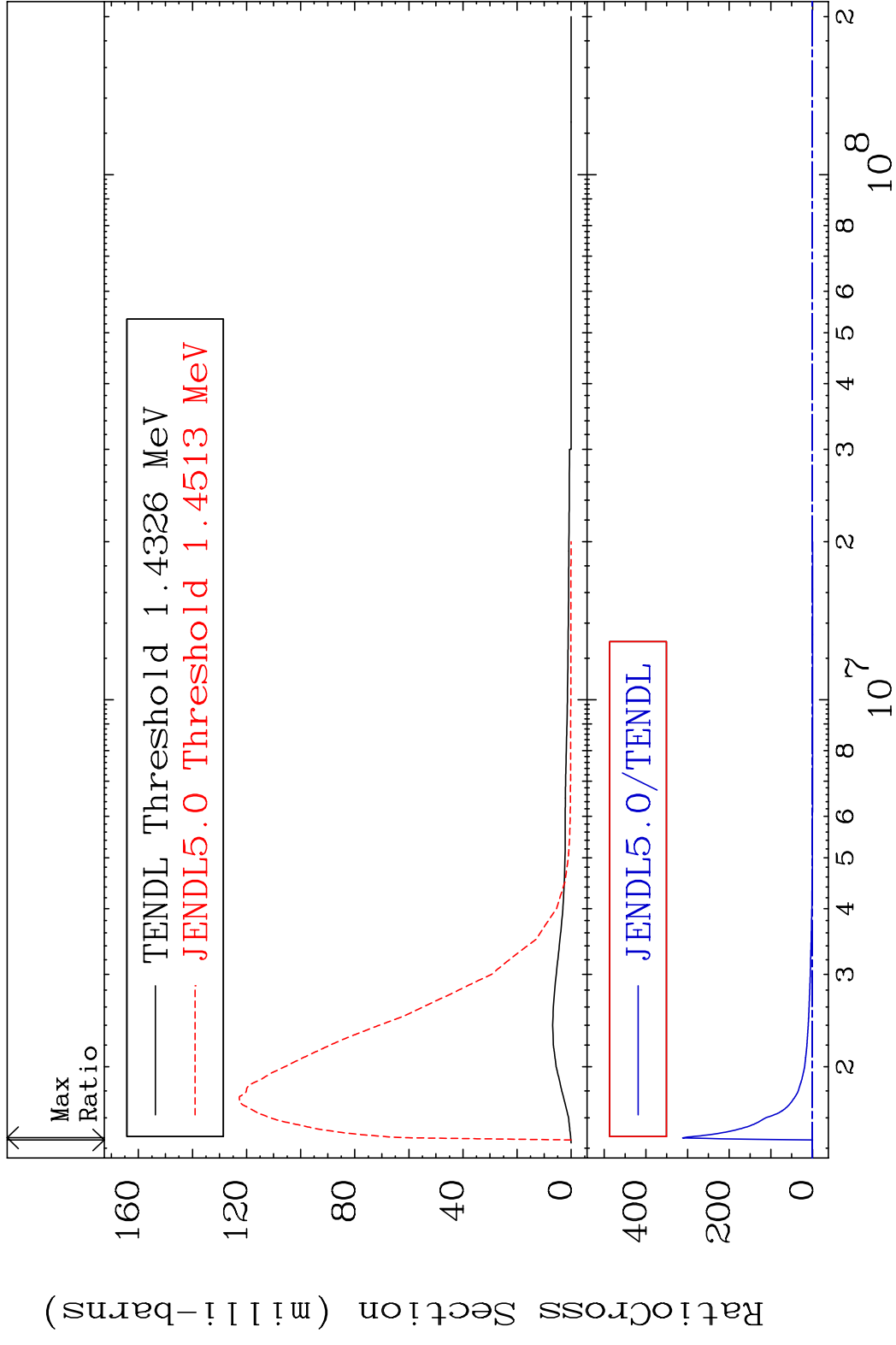
MAT 7637 MT= 61 (n, n') Level 76-0s-188
 Cross Section -100.0 To 11.23 %



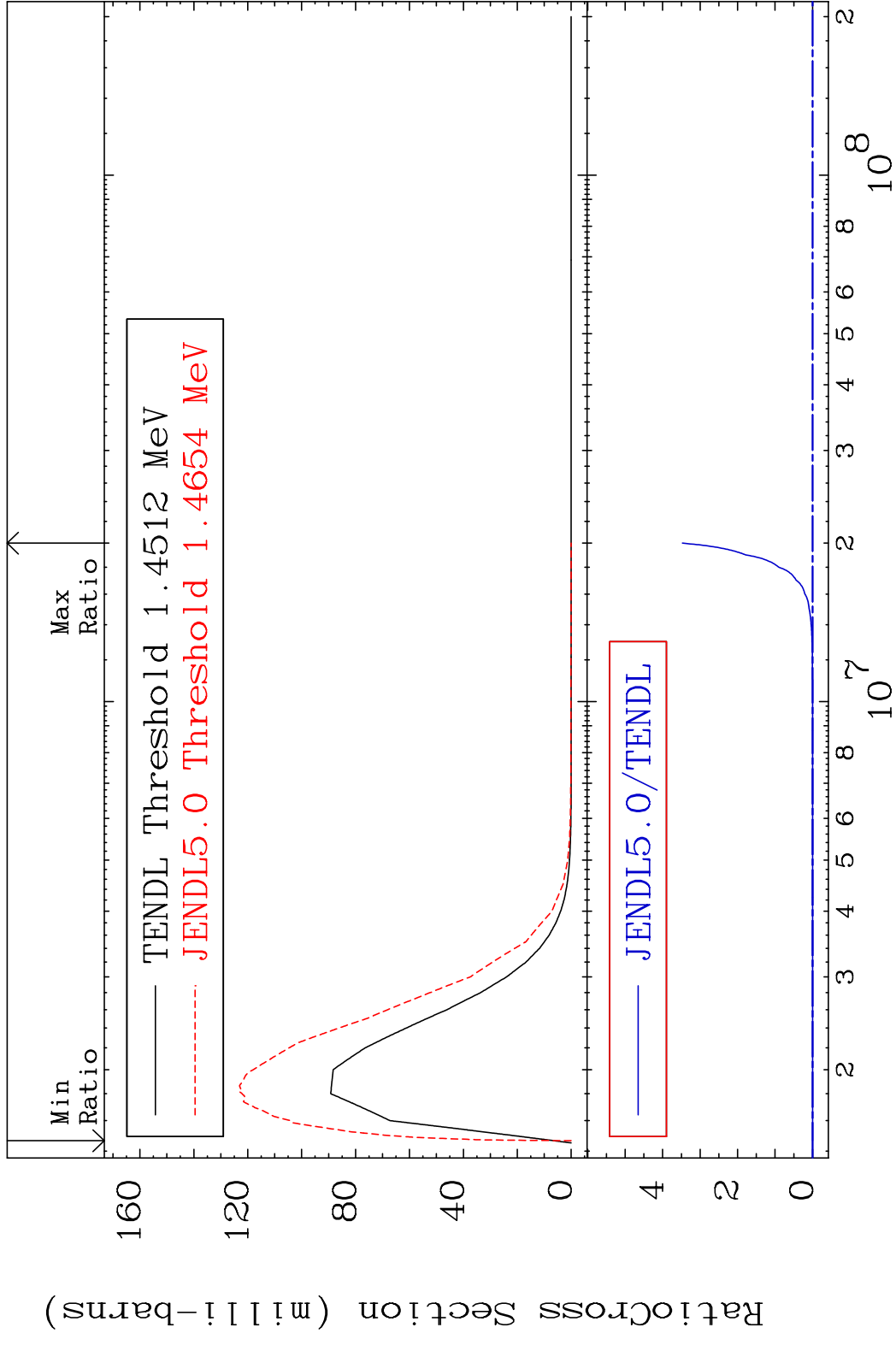
MAT 7637 MT= 62 (n,n') Level 76-0s-188
 Cross Section -100.0 To -52.51%



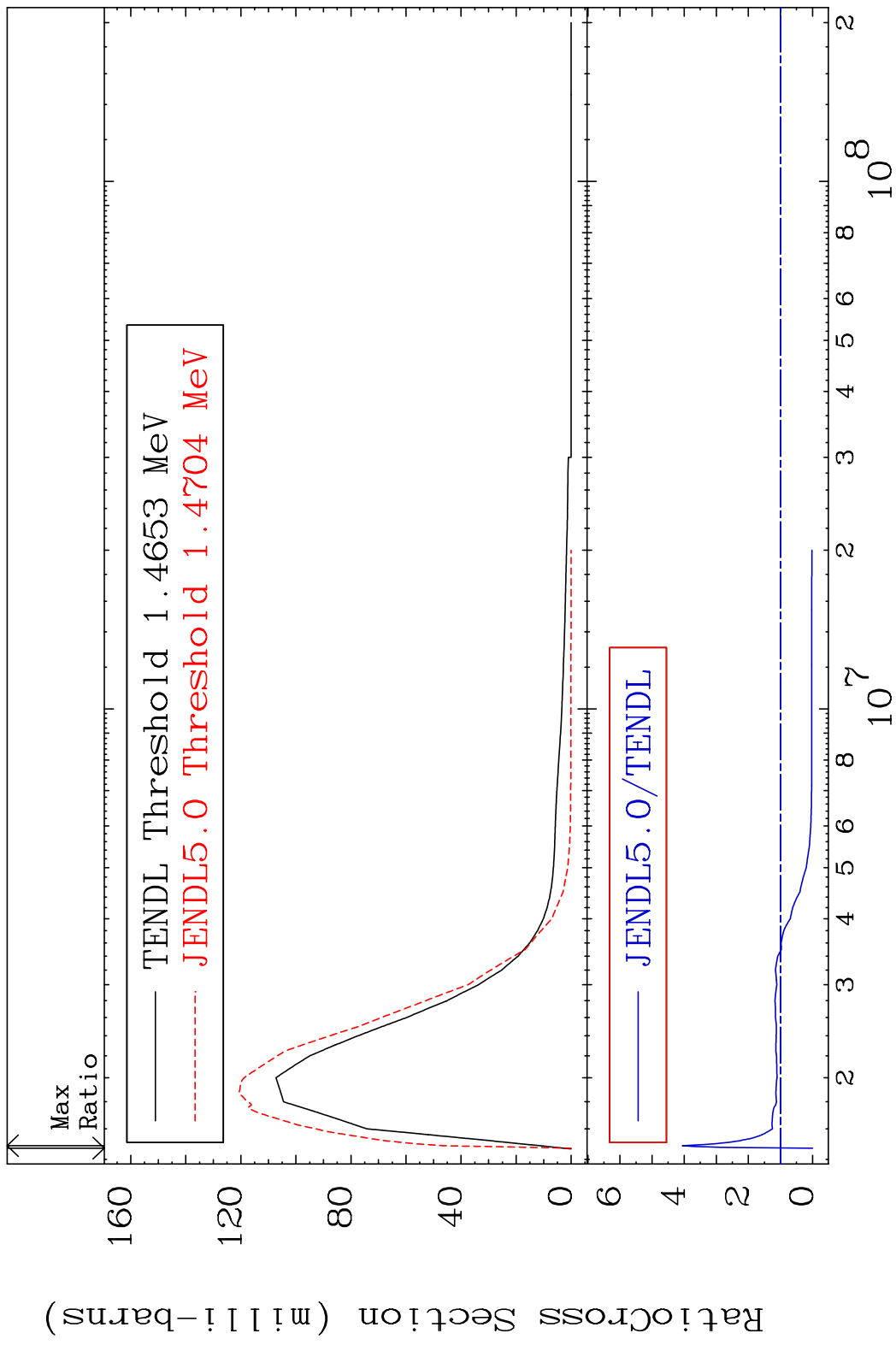
MAT 7637 MT= 63 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



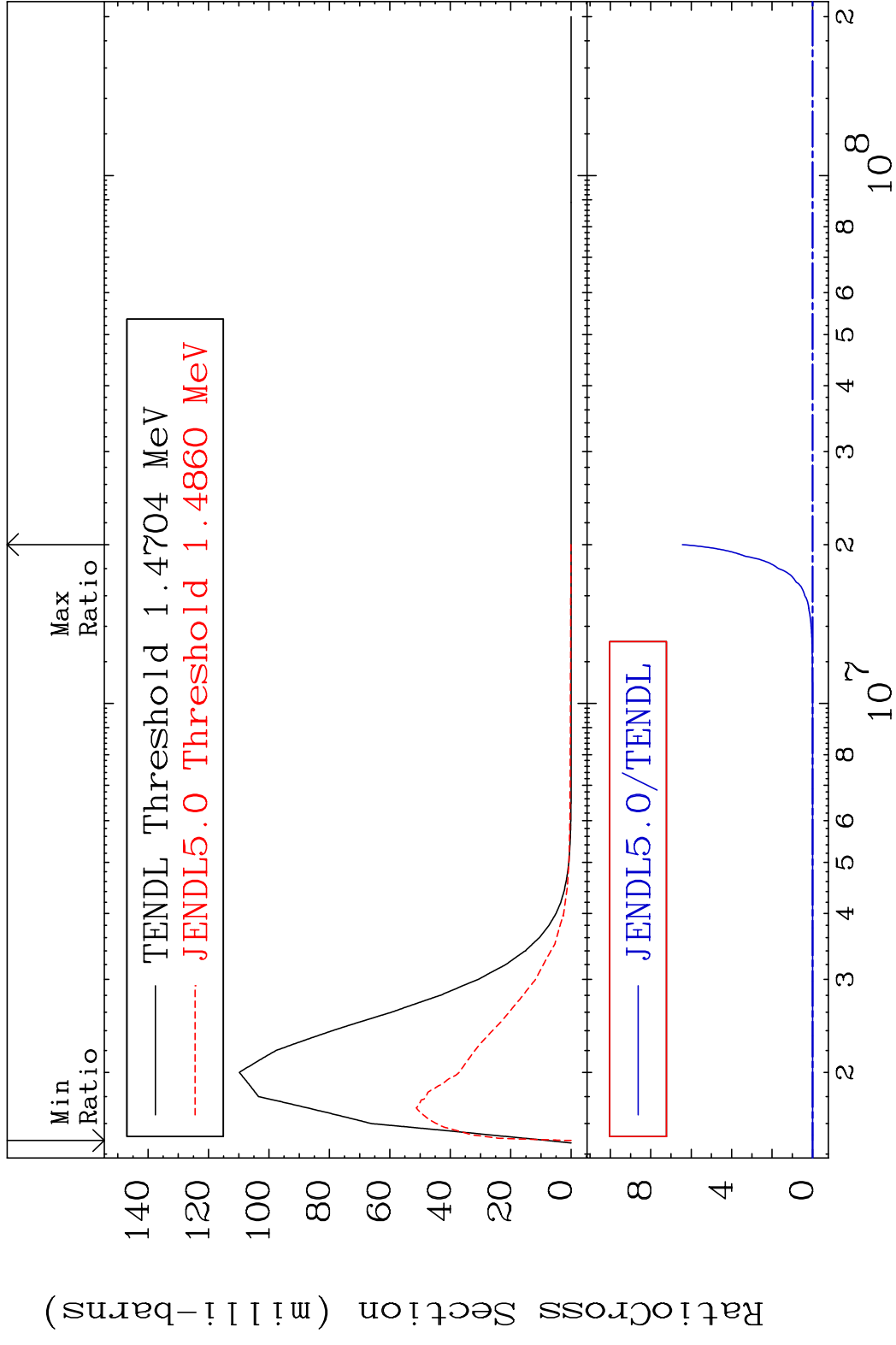
MAT 7637 MT= 64 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



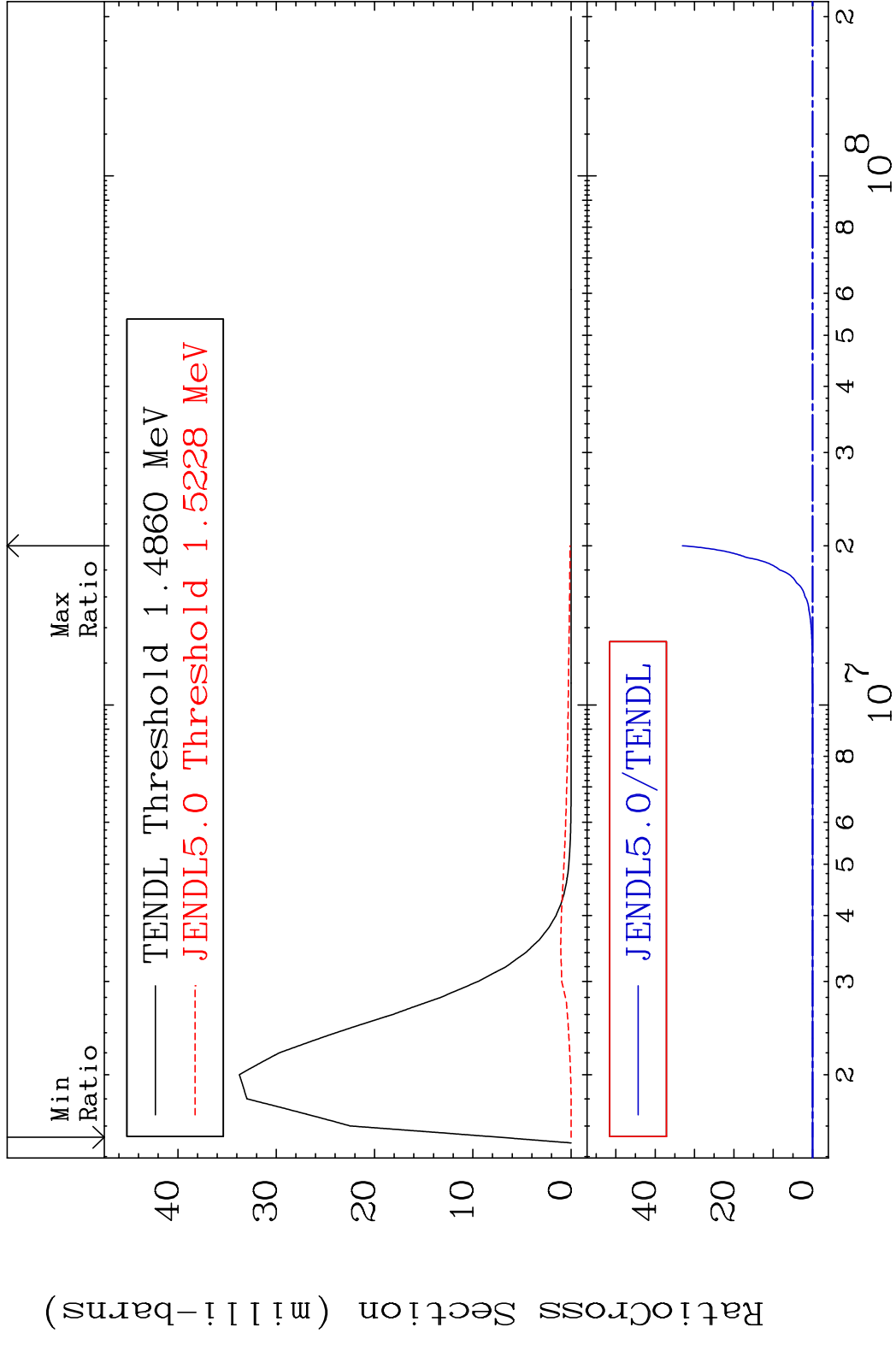
MAT 7637 MT= 65 (n, n') Level 76-0s-188
 Cross Section -100.0 To 305.6 %



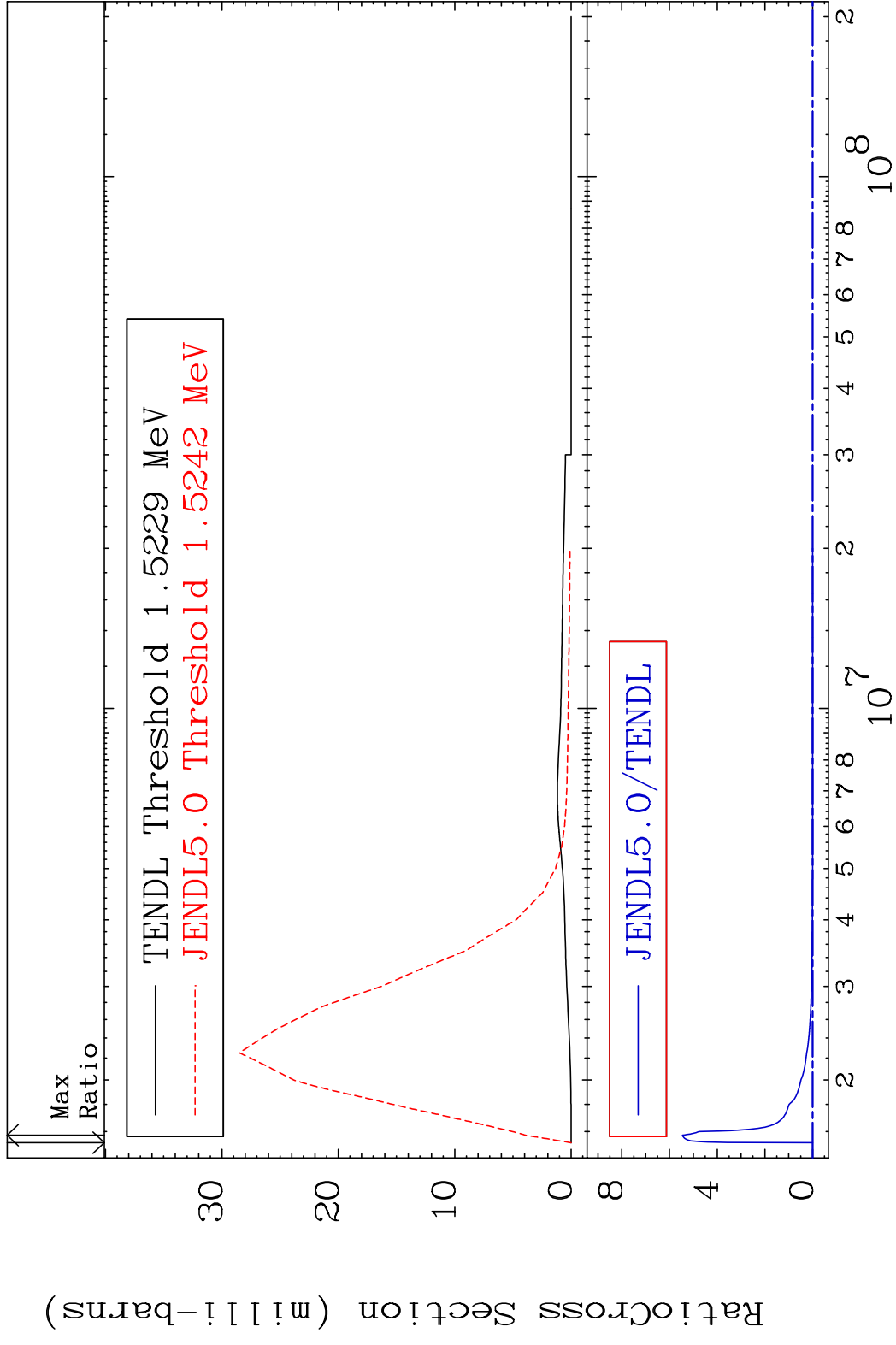
MAT 7637 MT= 66 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



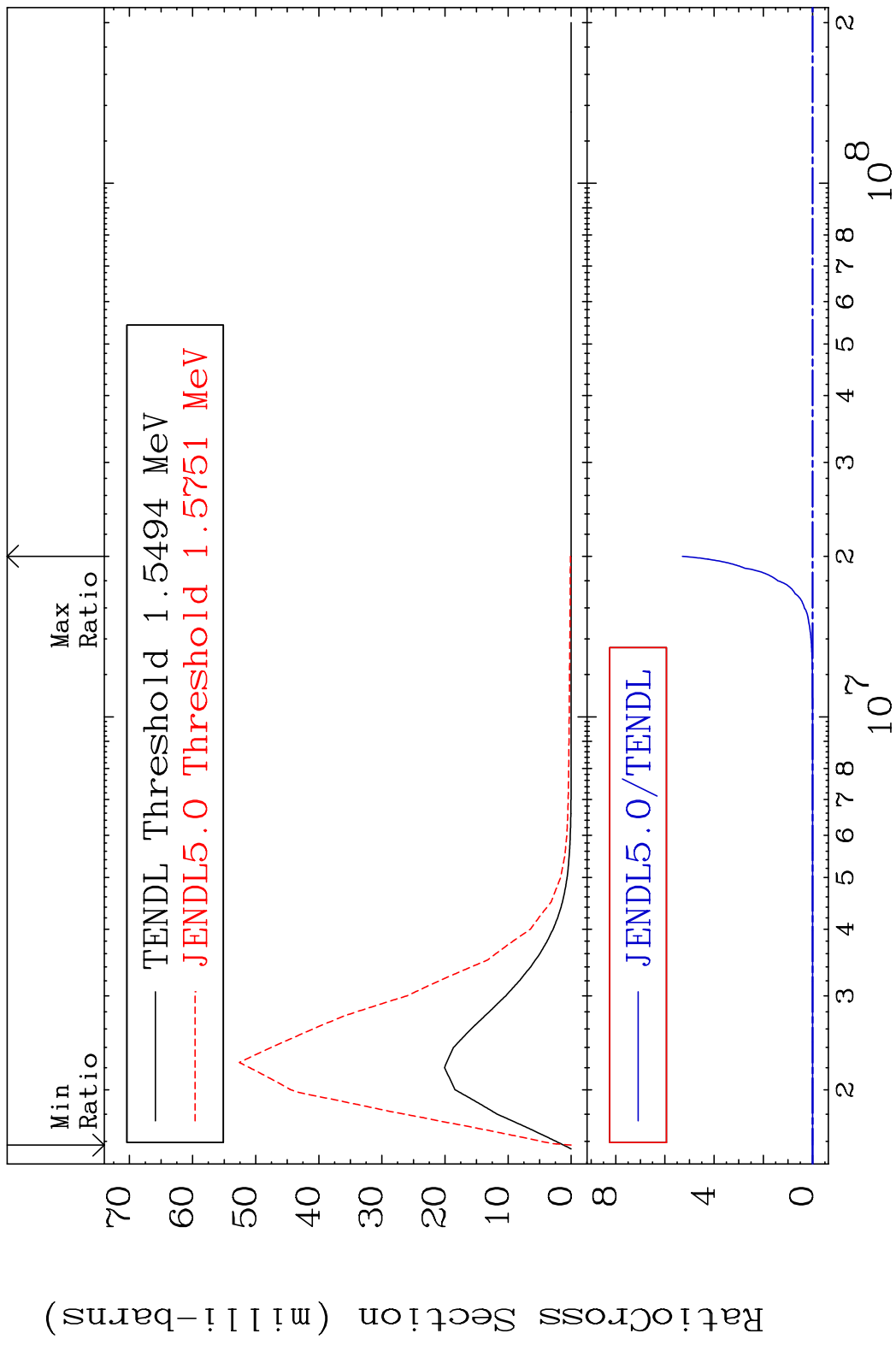
MAT 7637 MT= 67 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



MAT 7637 MT= 68 (n,n') Level 76-0s-188
 Cross Section -100.0 To 9999. %

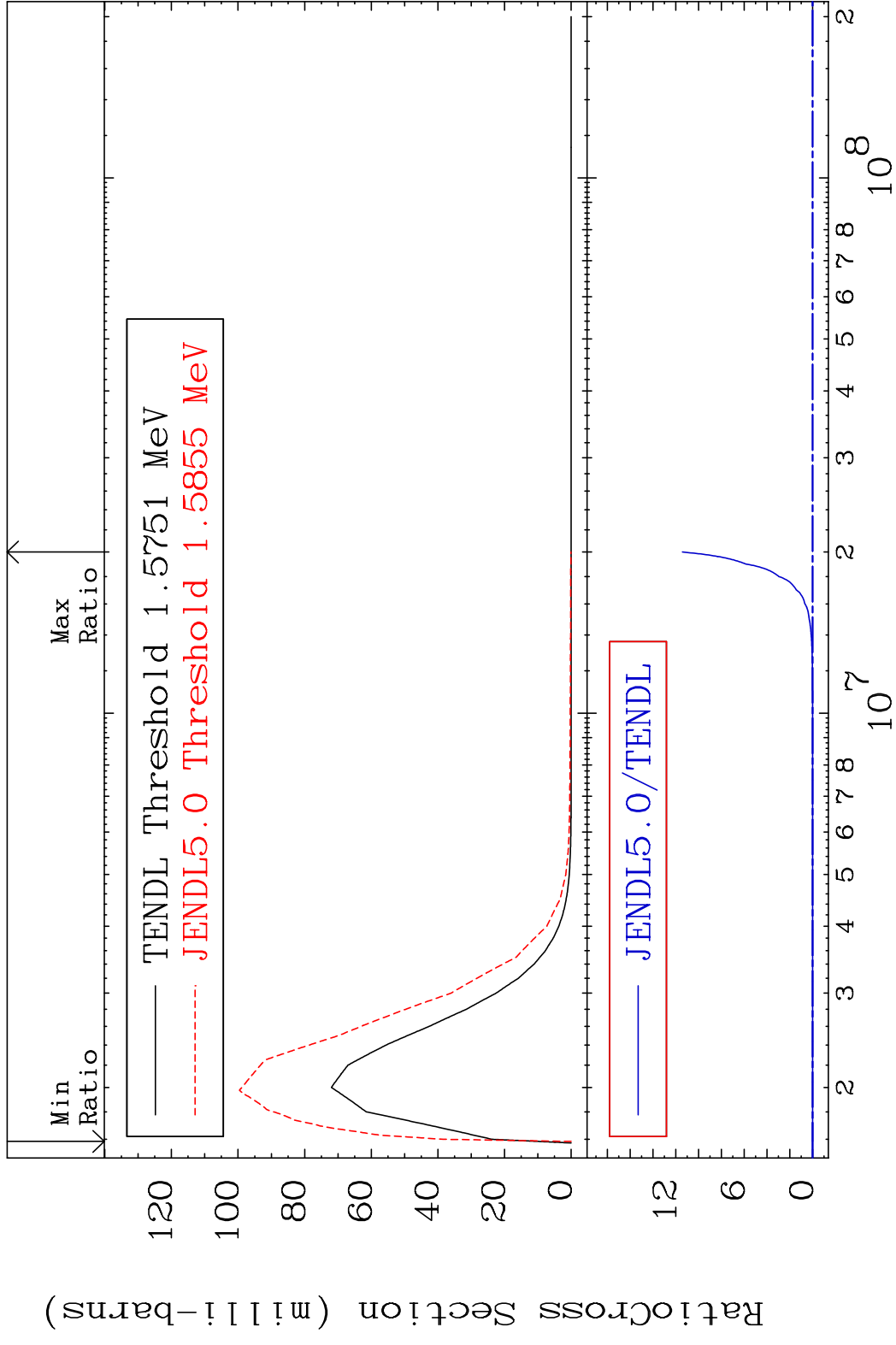


MAT 7637 MT= 69 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



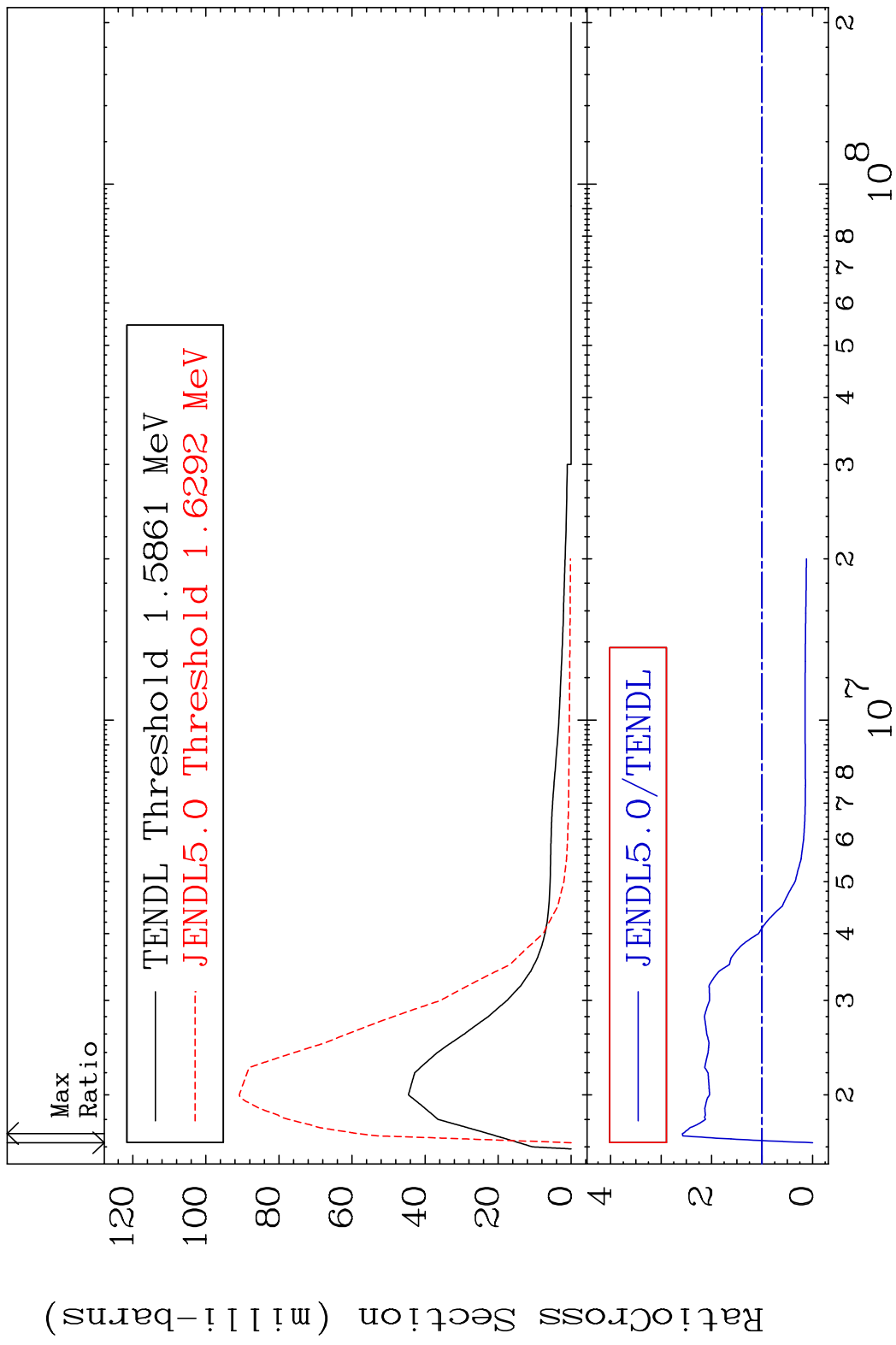
29 Incident Energy (eV) 76-0s-188

MAT 7637 MT= 70 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %

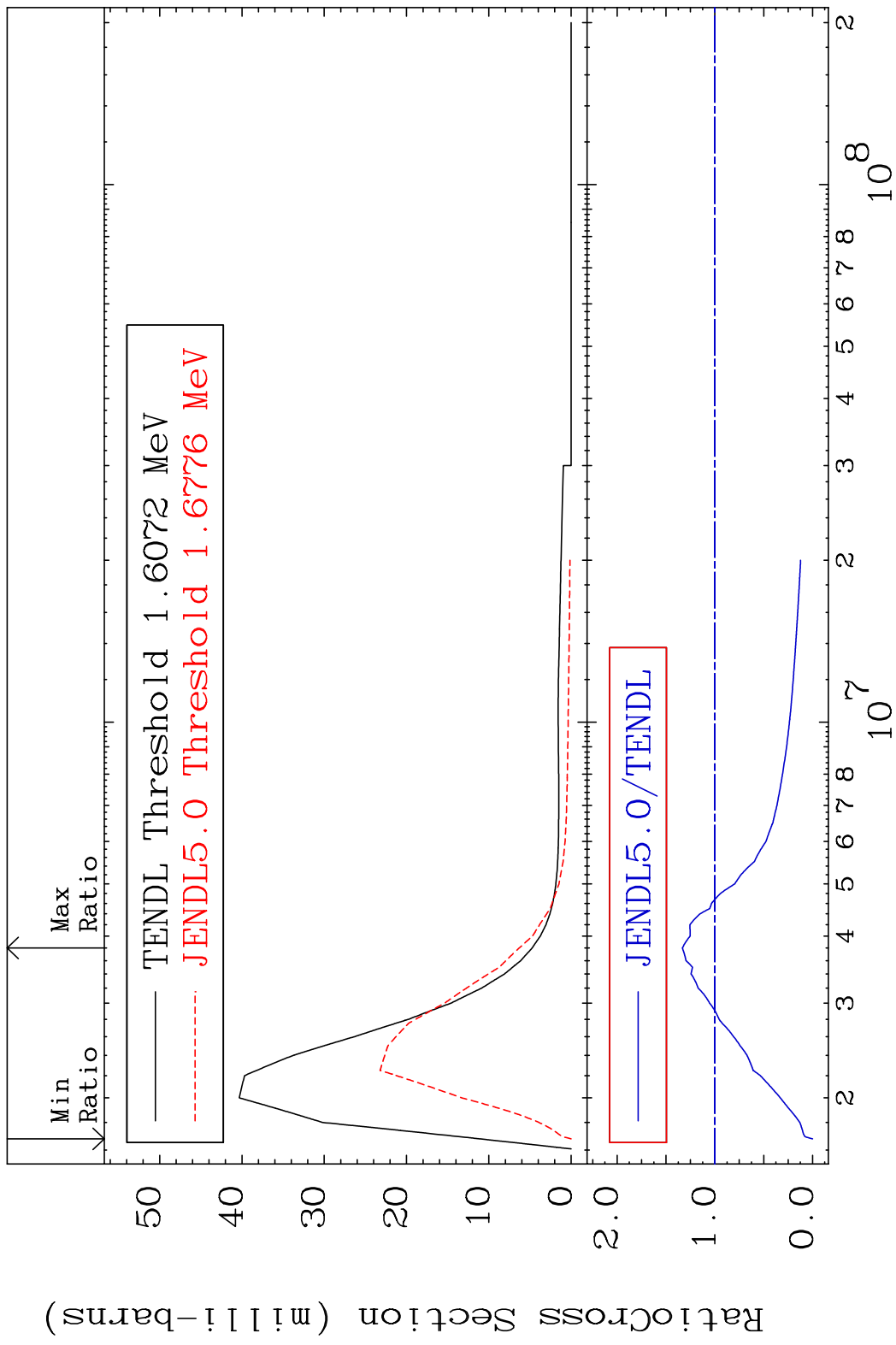


30 Incident Energy (eV) 76-0s-188

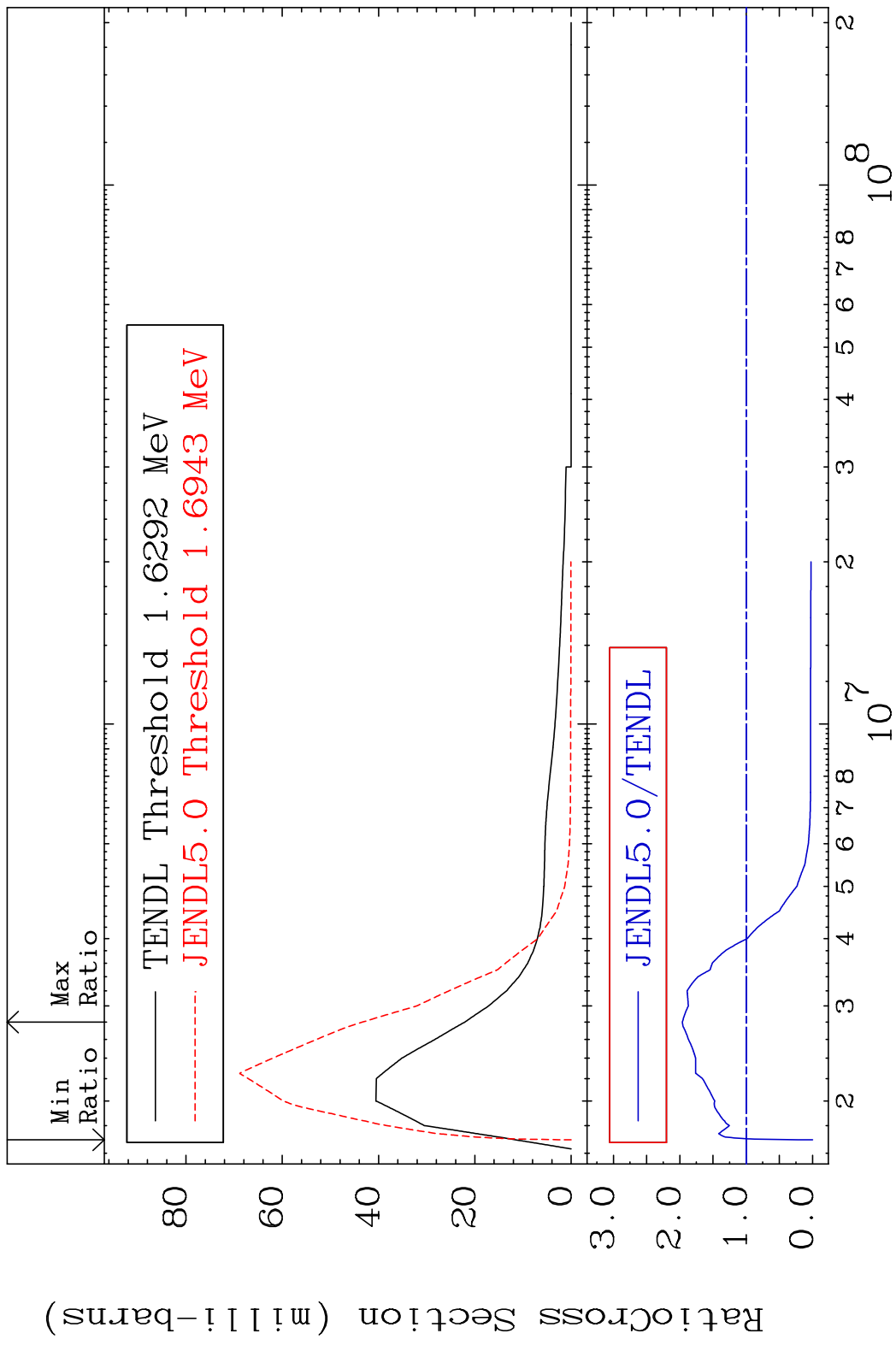
MAT 7637 MT= 71 (n,n') Level 76-0s-188
 Cross Section -100.0 To 157.9 %



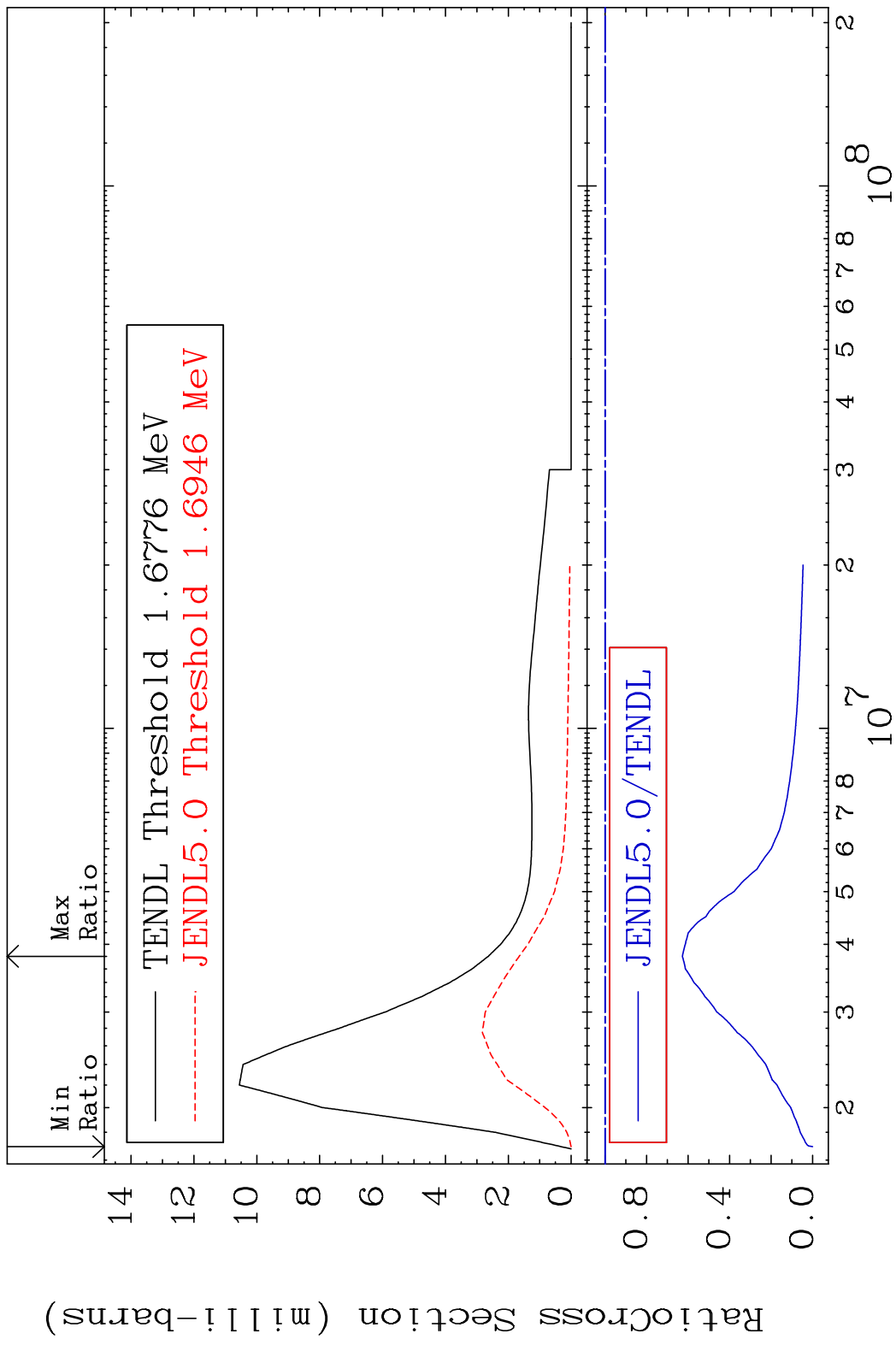
MAT 7637 MT= 72 (n,n') Level 76-0s-188
 Cross Section -100.0 To 33.26 %



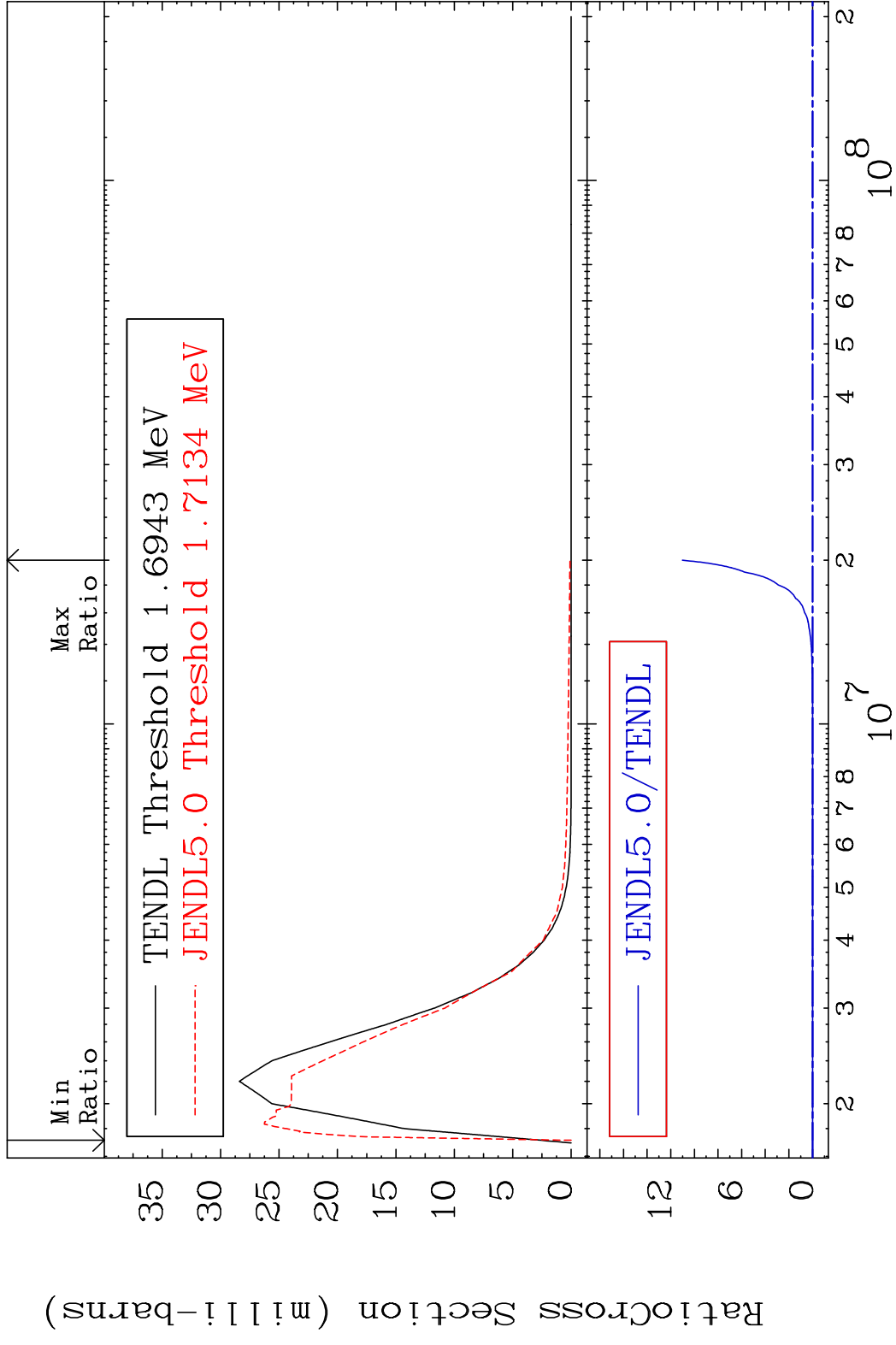
MAT 7637 MT= 73 (n, n') Level 76-0s-188
 Cross Section -100.0 To 96.16 %



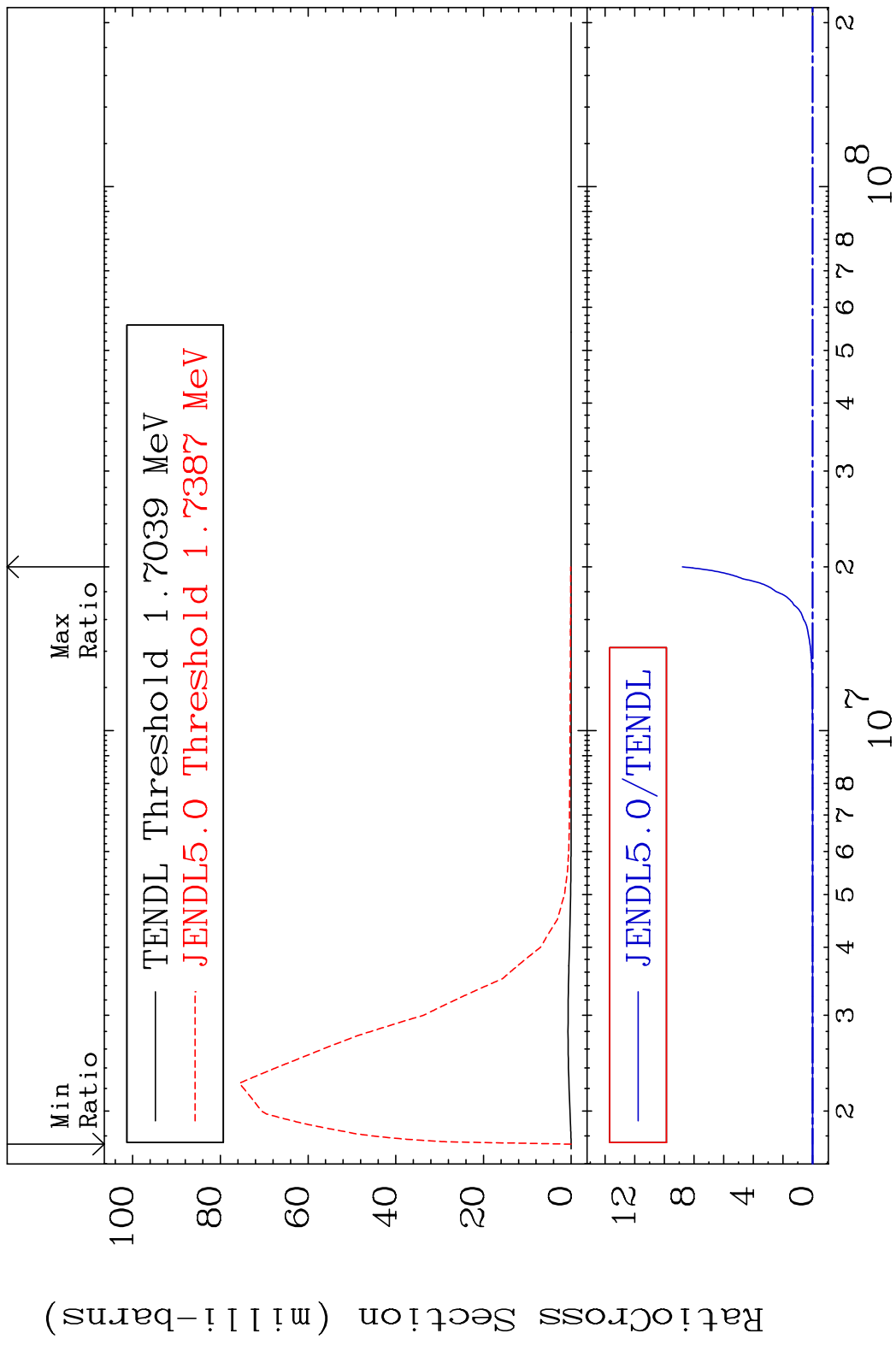
MAT 7637 MT= 74 (n,n') Level 76-0s-188
 Cross Section -100.0 To -37.24%



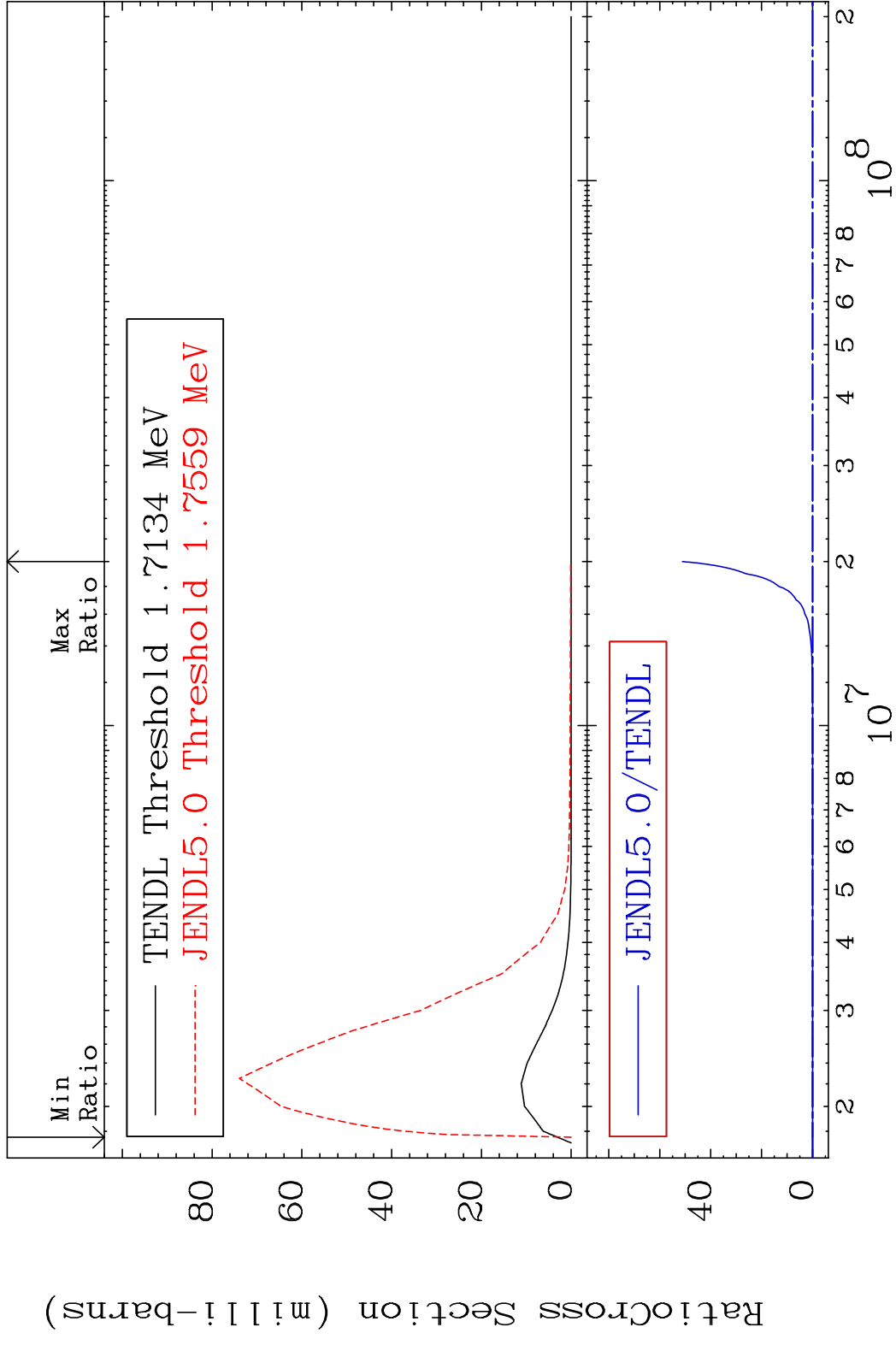
MAT 7637 MT= 75 (n,n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



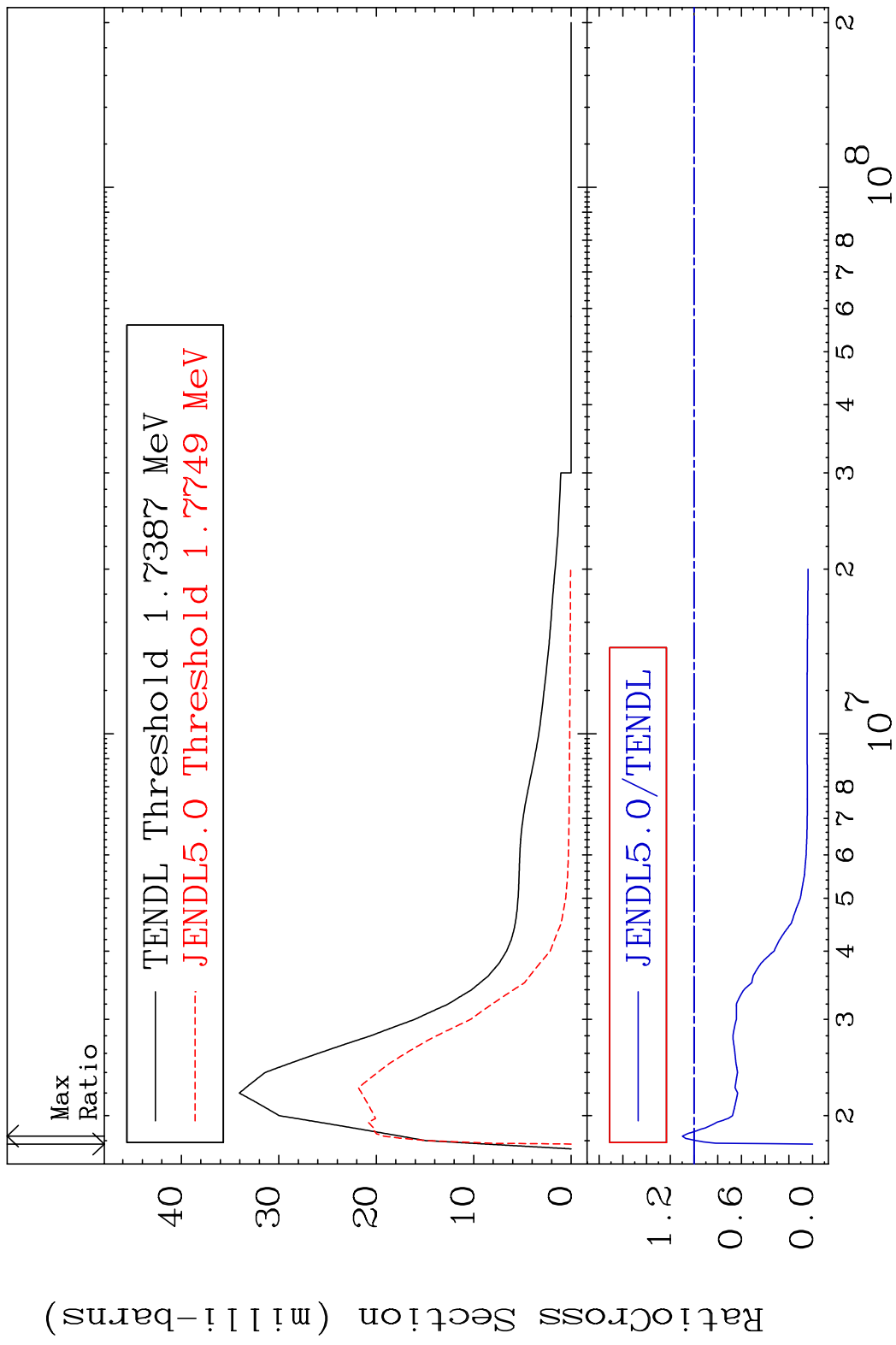
MAT 7637 MT= 76 (n,n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



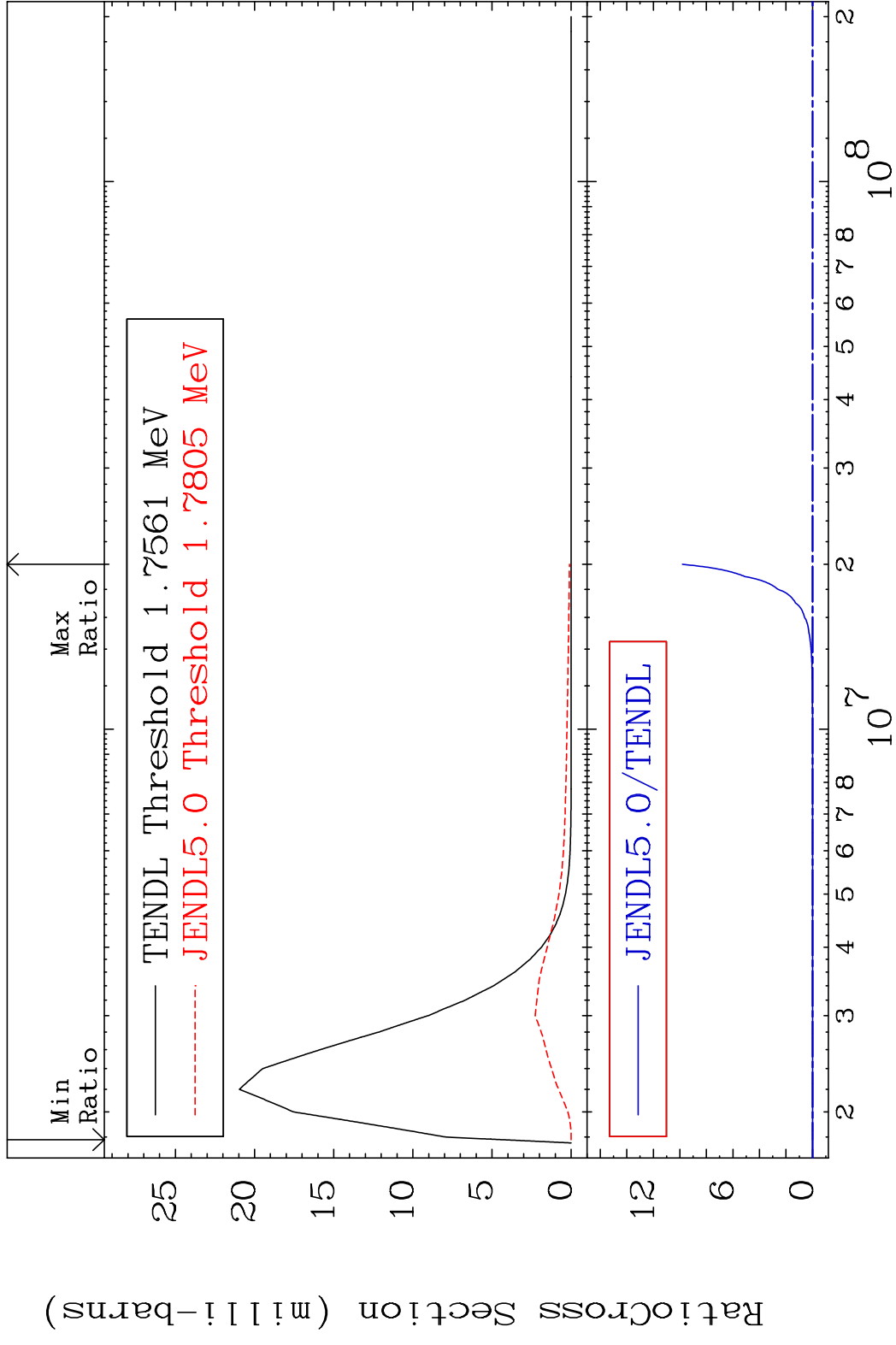
MAT 7637 MT= 77 (n,n') Level 76-0s-188
 Cross Section -100.0 To 9999. %



MAT 7637 MT= 78 (n,n') Level 76-0s-188
 Cross Section -100.0 To 9.791 %



MAT 7637 MT= 79 (n, n') Level 76-0s-188
 Cross Section -100.0 To 9999. %

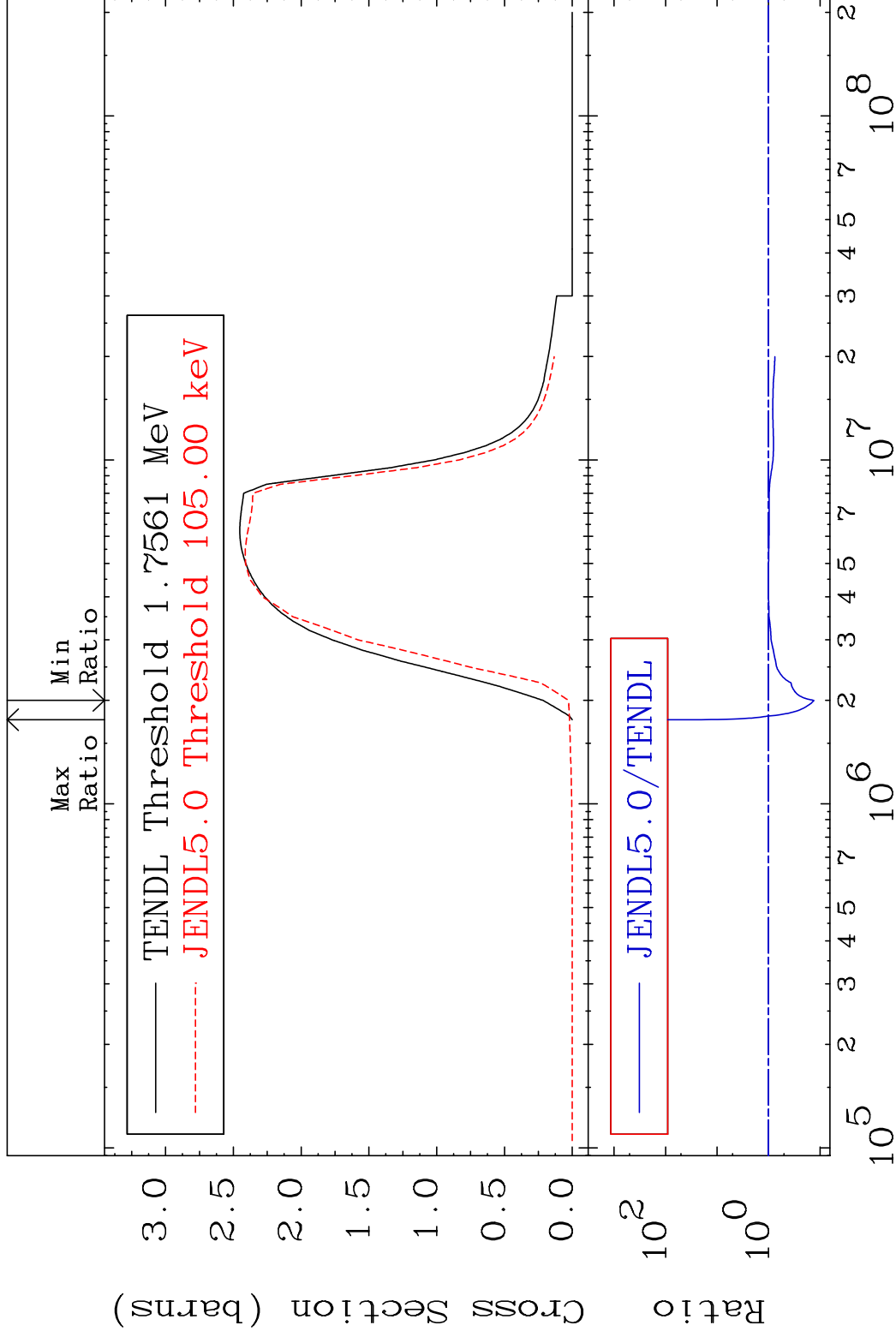


MAT 7637

(n, n') Continuum

76-Os-188

Cross Section -86.96 To 4352. %



40

Incident Energy (eV)

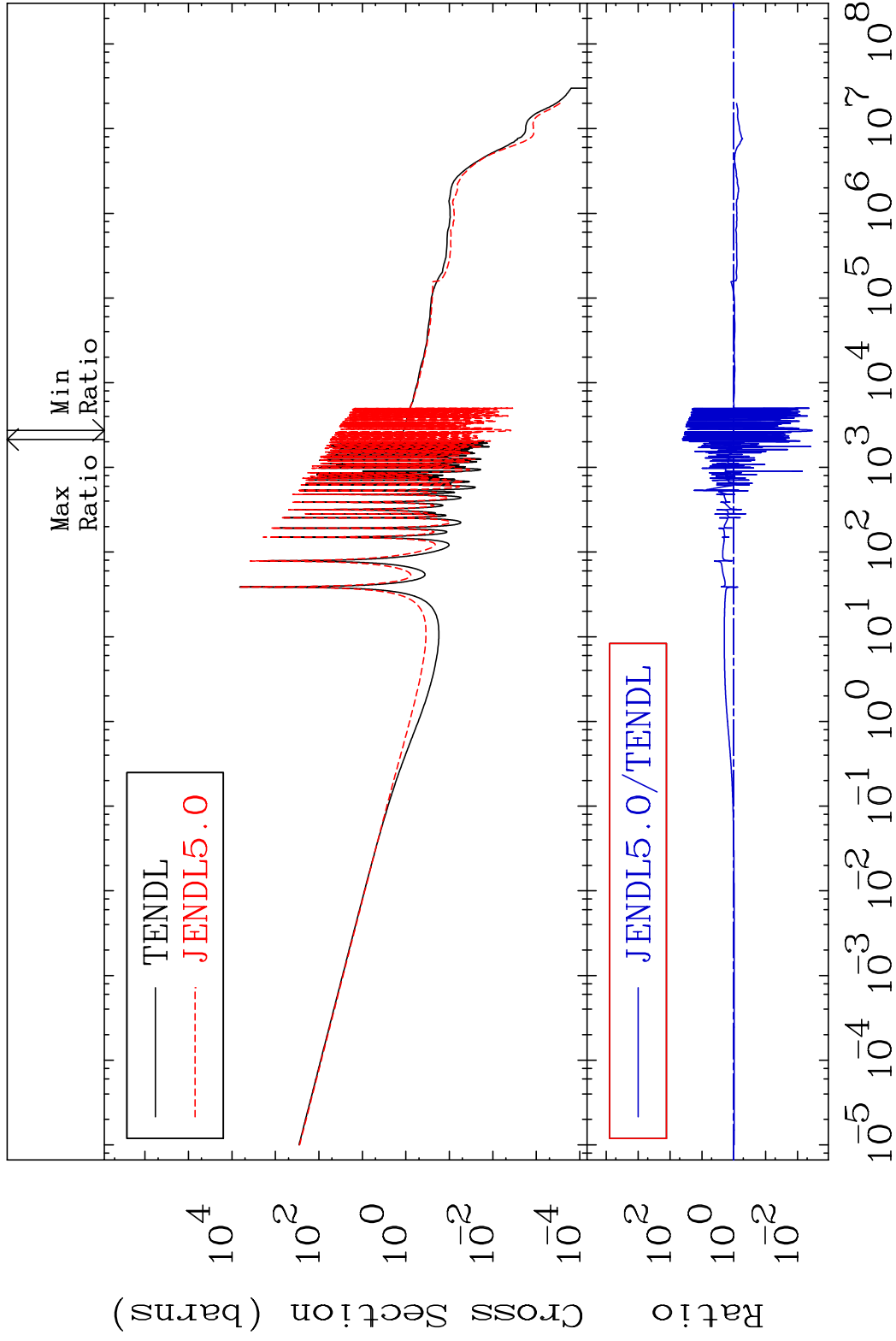
76-Os-188

MAT 7637

(n, γ)

76-0s-188

Cross Section -99.66 To 4008. %



41

Incident Energy (eV)

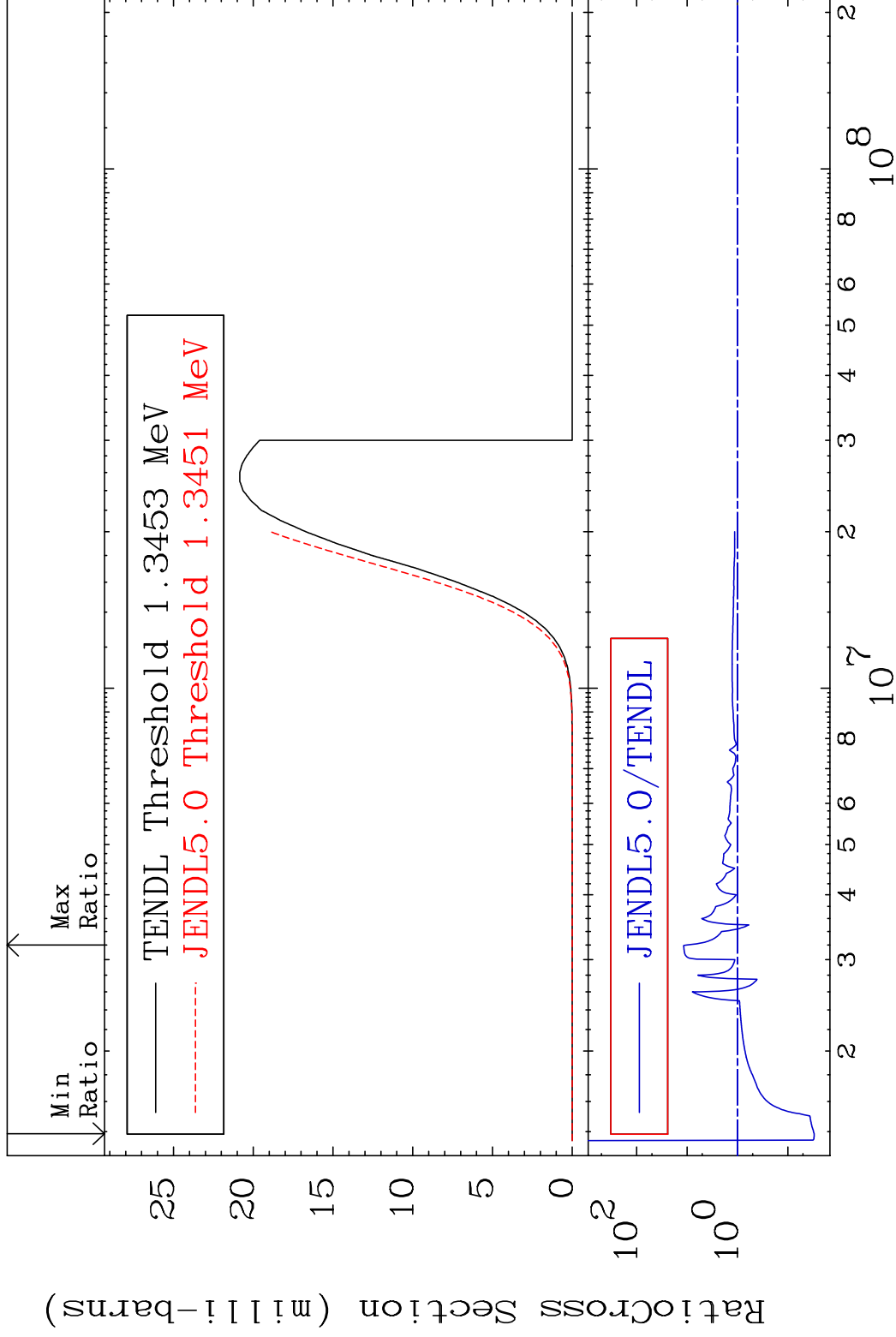
76-0s-188

MAT 7637

(n,p)

76-Os-188

Cross Section -96.99 To 1067. %



42

Incident Energy (eV)

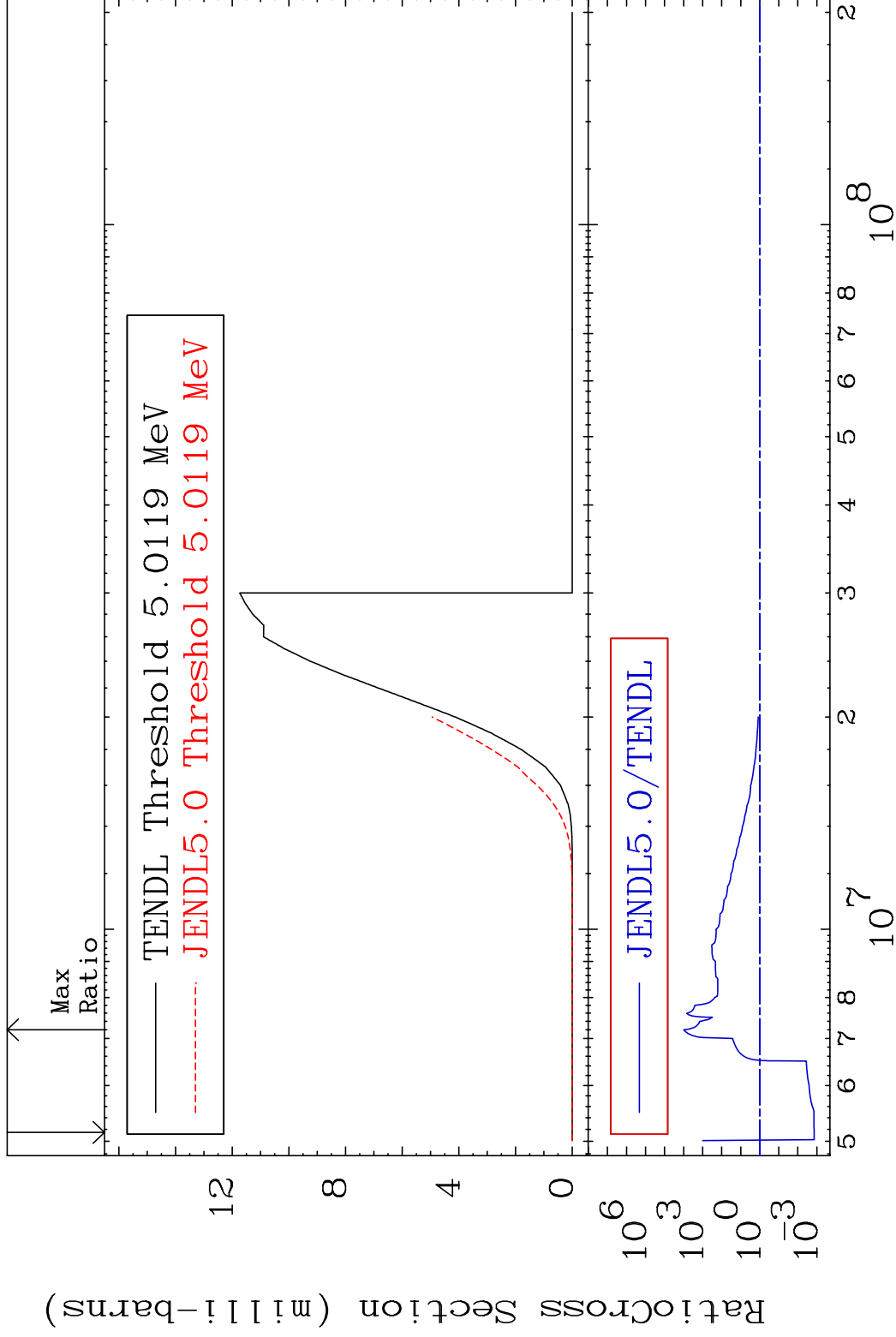
76-Os-188

MAT 7637

(n,d)

76-0s-188

Cross Section -99.86 To 9999. %

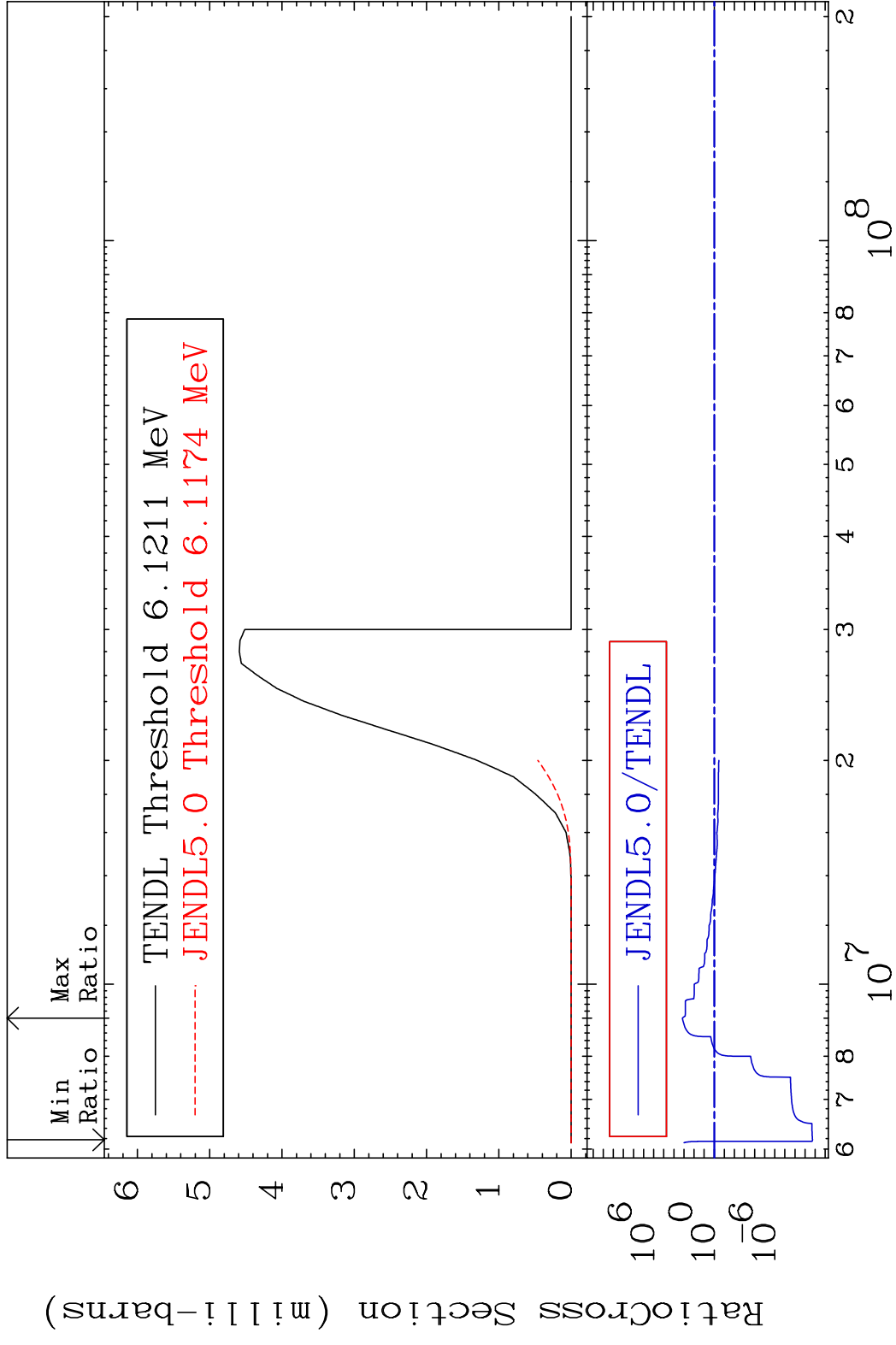


43

Incident Energy (eV)

76-0s-188

MAT 7637 (n, t) 76-0s-188
 Cross Section -100.0 To 9999. %



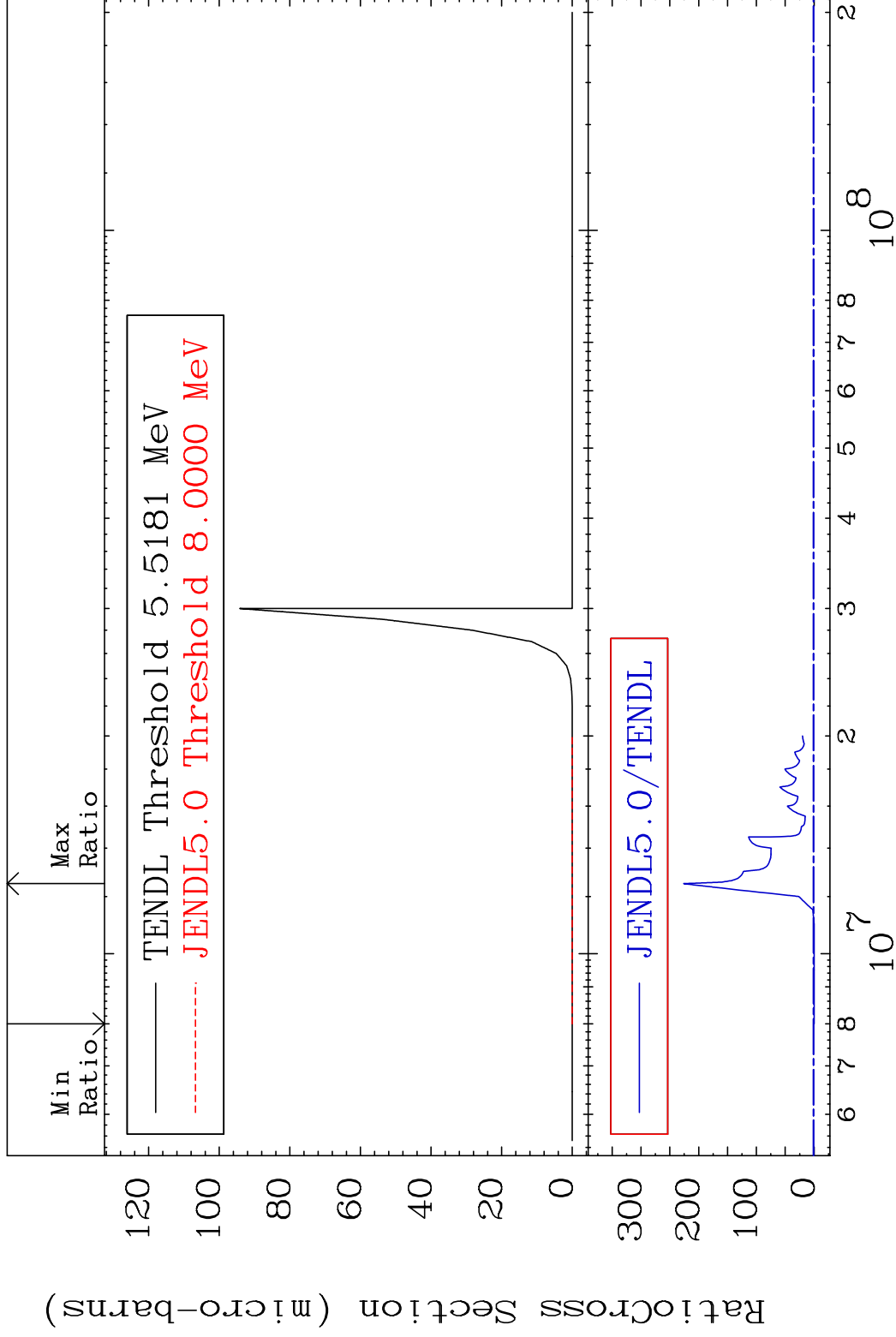
44 Incident Energy (eV) 76-0s-188

MAT 7637

(n, He-3)

76-0s-188

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

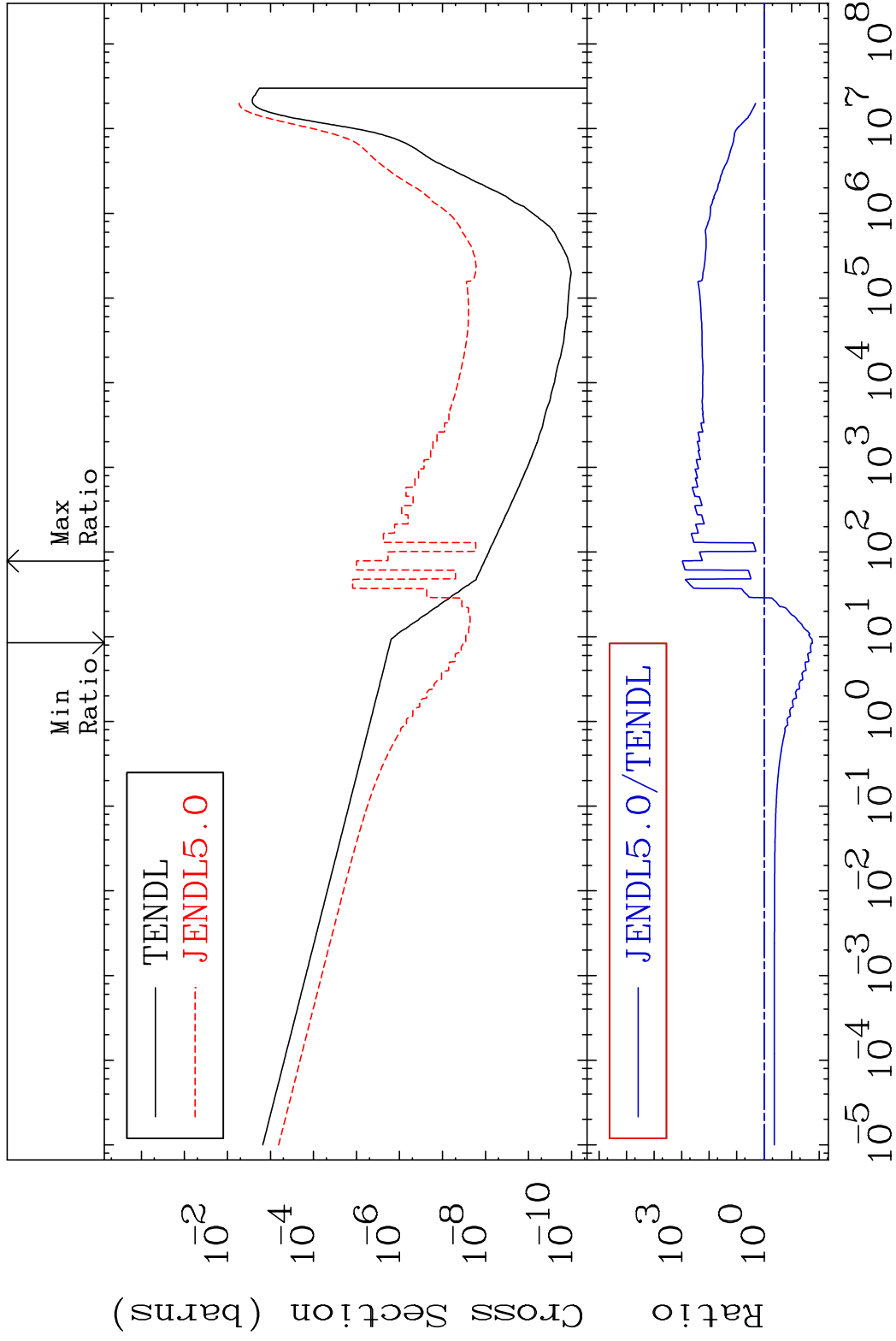
76-0s-188

MAT 7637

(n, α)

76-0s-188

Cross Section -98.25 To 9999. %

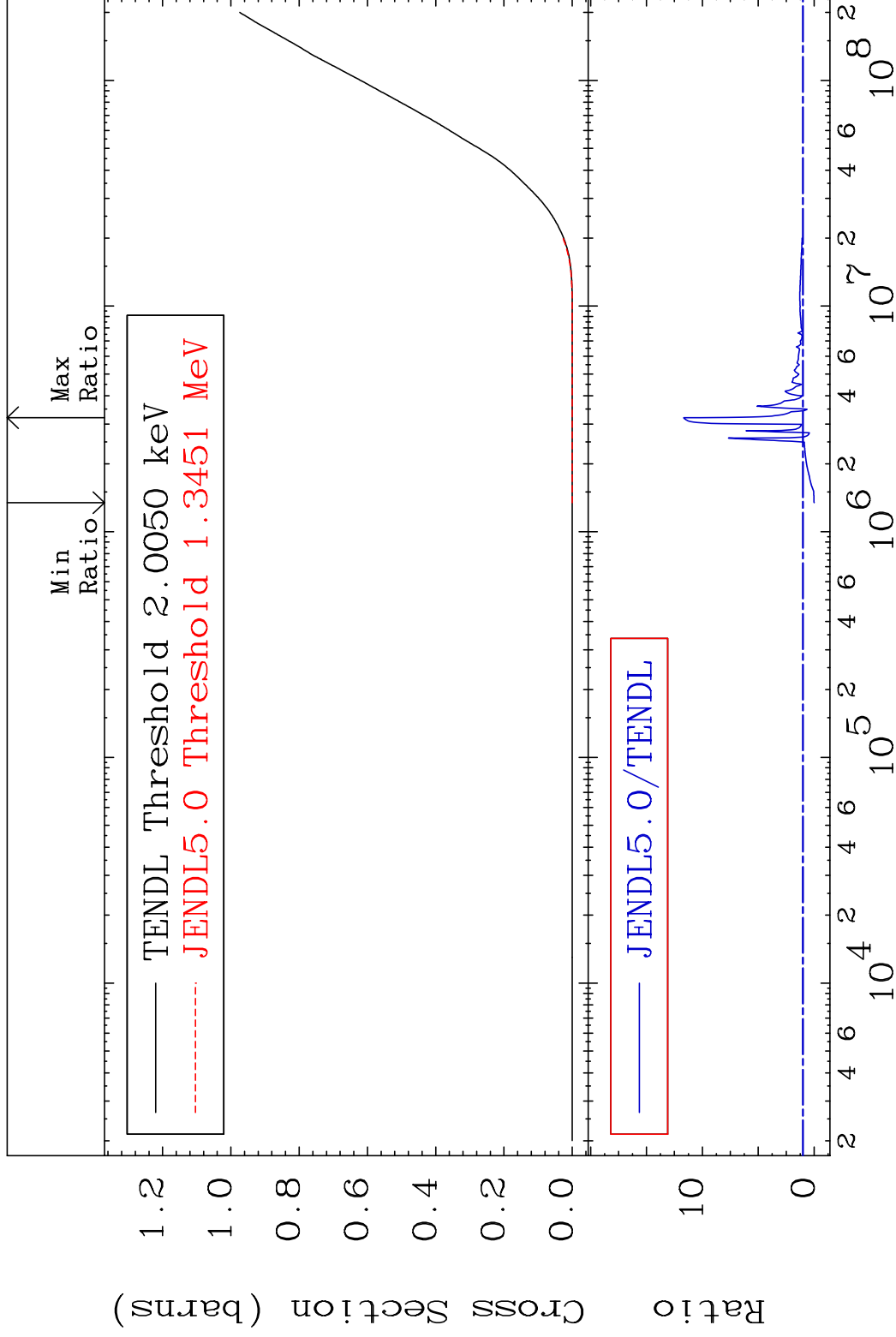


46

Incident Energy (eV)

76-0s-188

Cross Section -100.0 To 1067. %

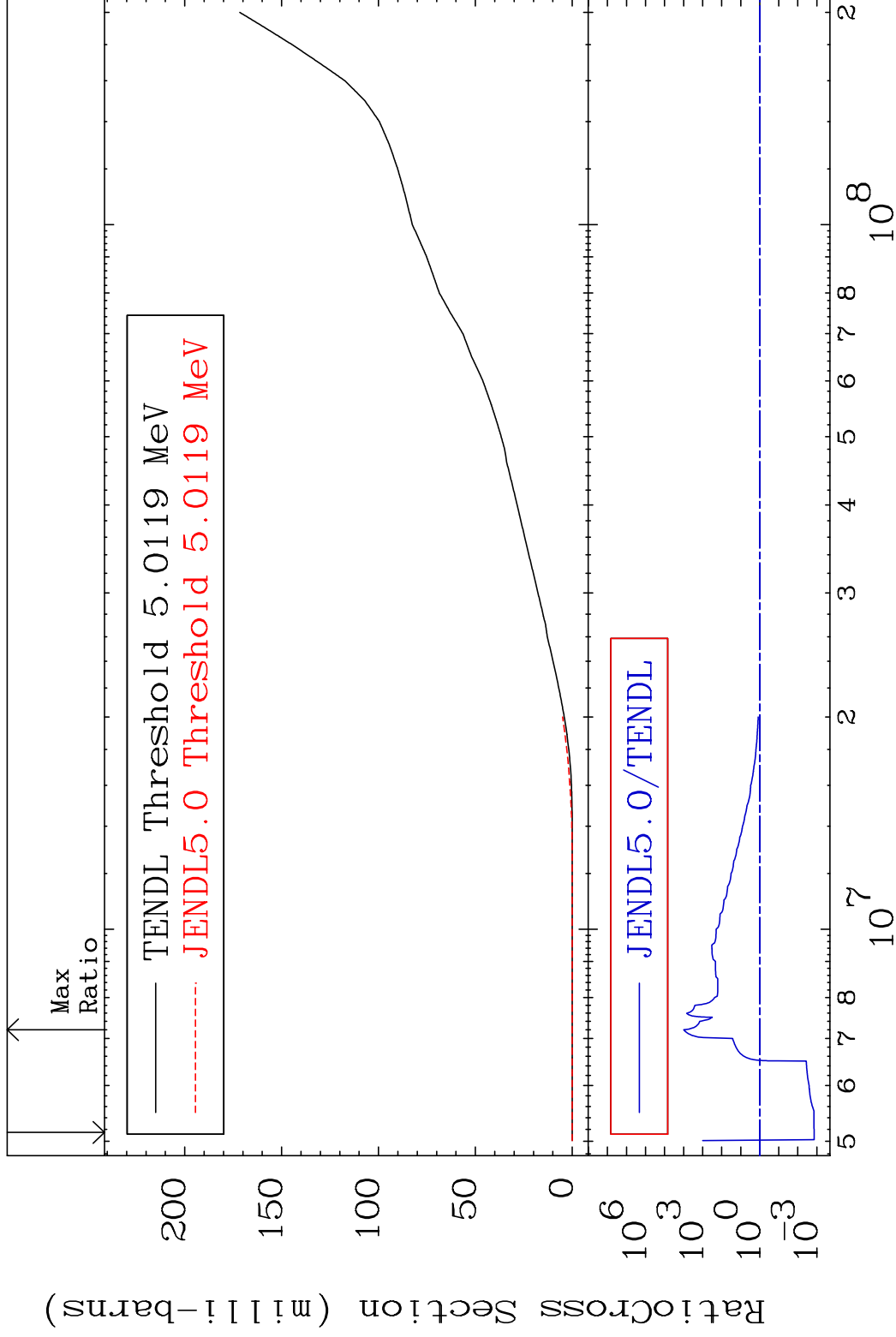


MAT 7637

Deuterium Production

76-0s-188

Cross Section -99.86 To 9999. %



48

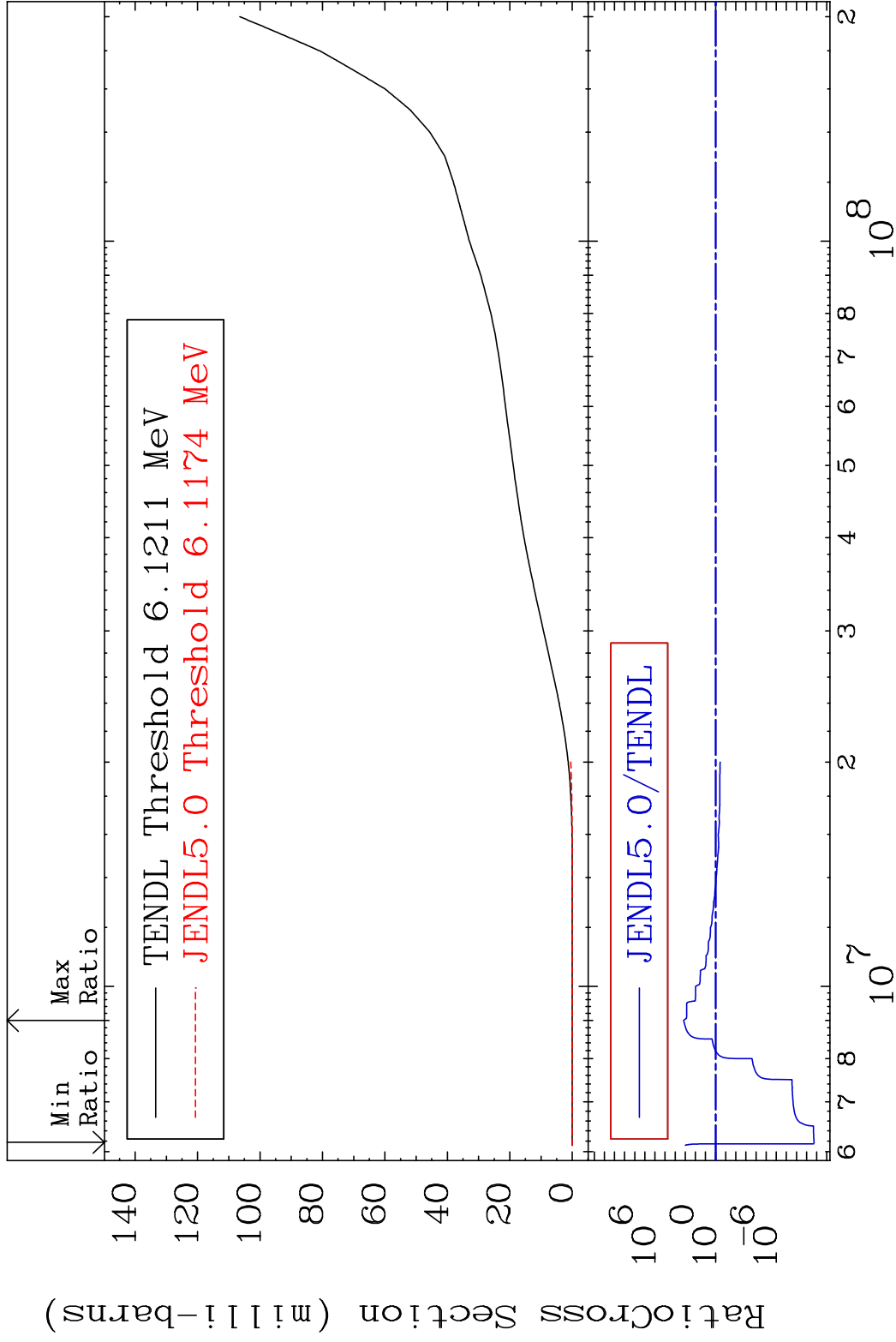
Incident Energy (eV)

76-0s-188

MAT 7637

Tritium Production 76-0s-188

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

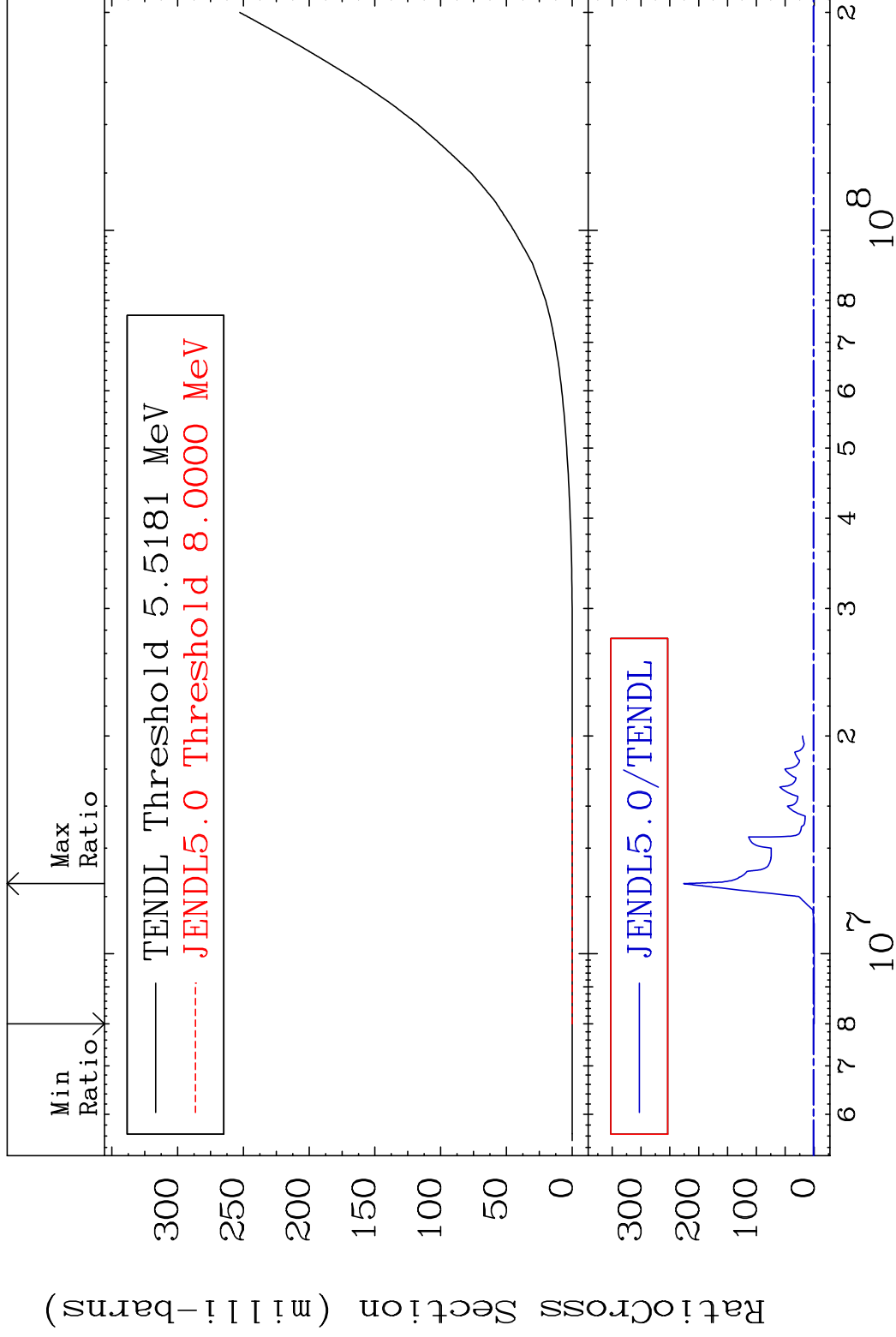
76-0s-188

MAT 7637

He-3 Production

76-Os-188

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

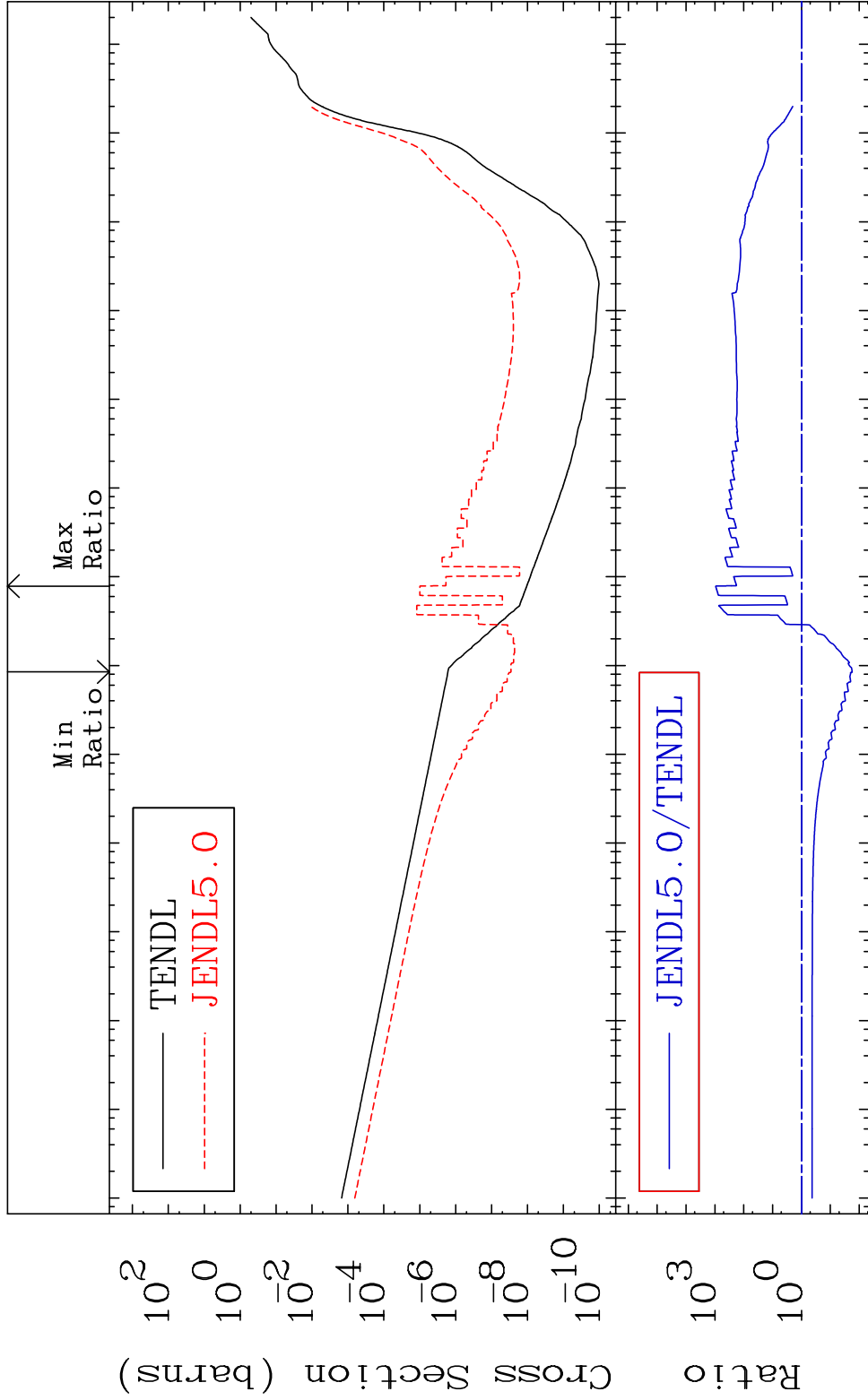
76-Os-188

MAT 7637

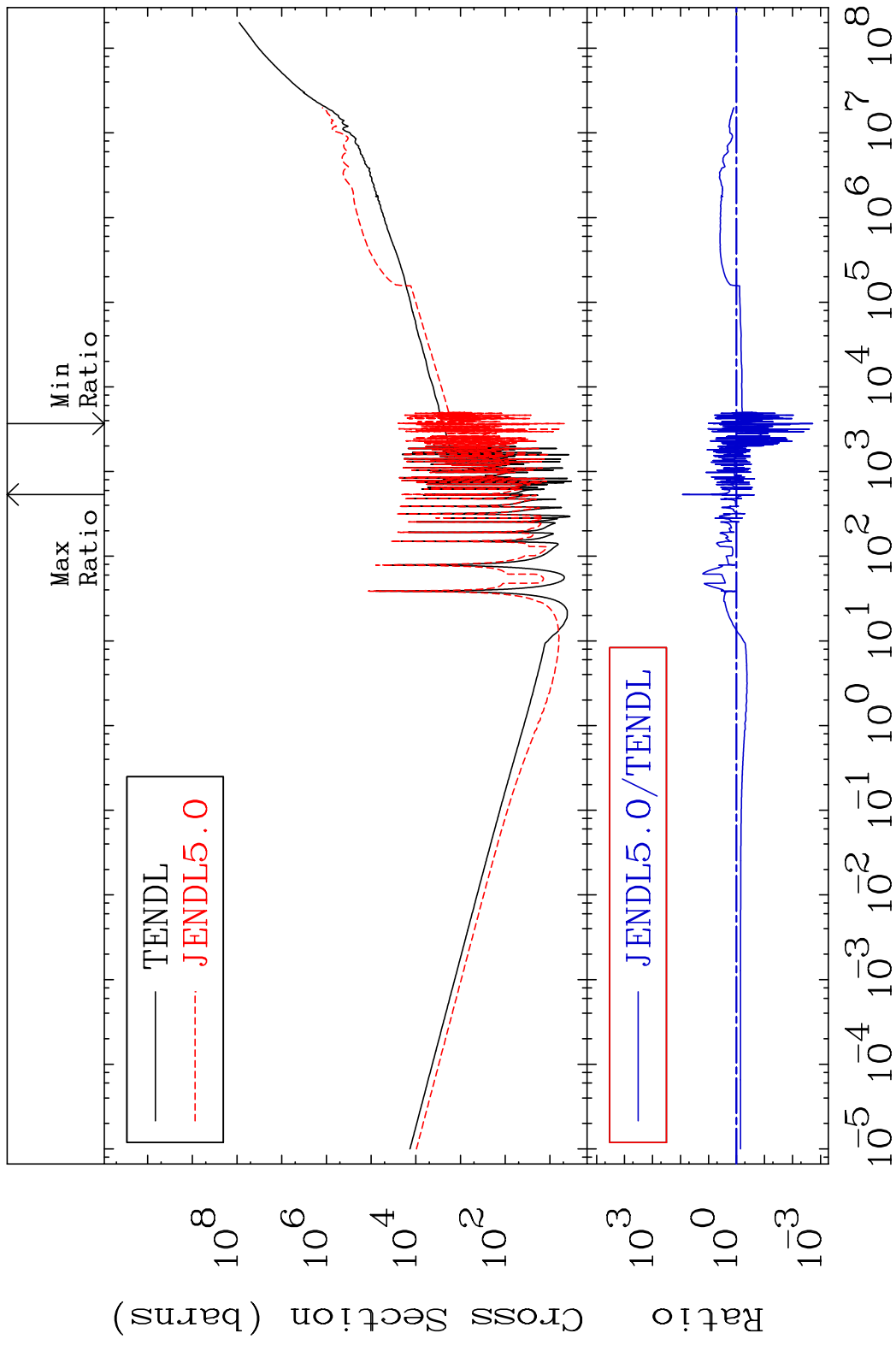
He-4 Production

76-0s-188

Cross Section -98.25 To 9999. %

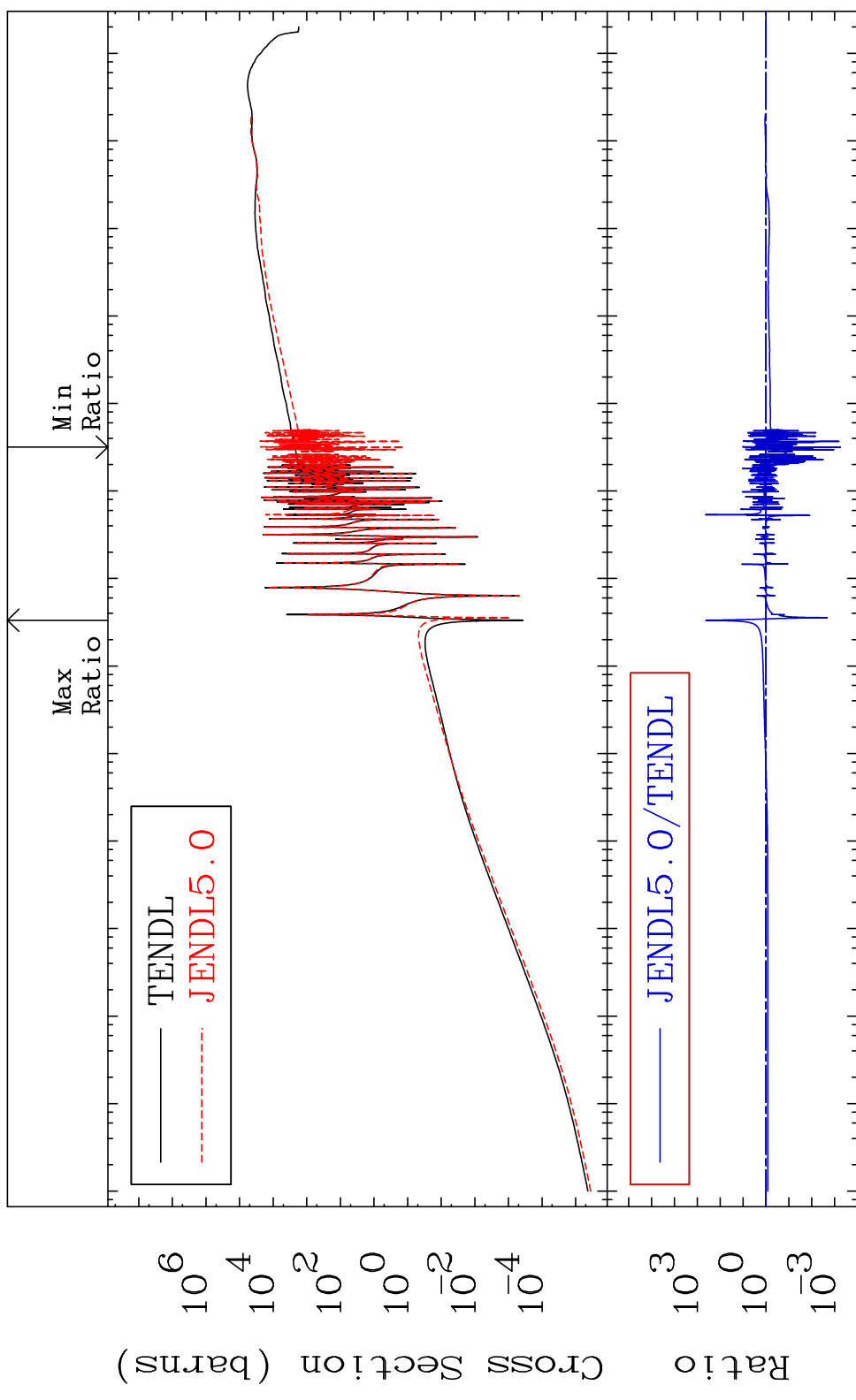


MAT 7637 Kerma total (eV-barns) 76-Os-188
 Cross Section -99.81 To 8527. %



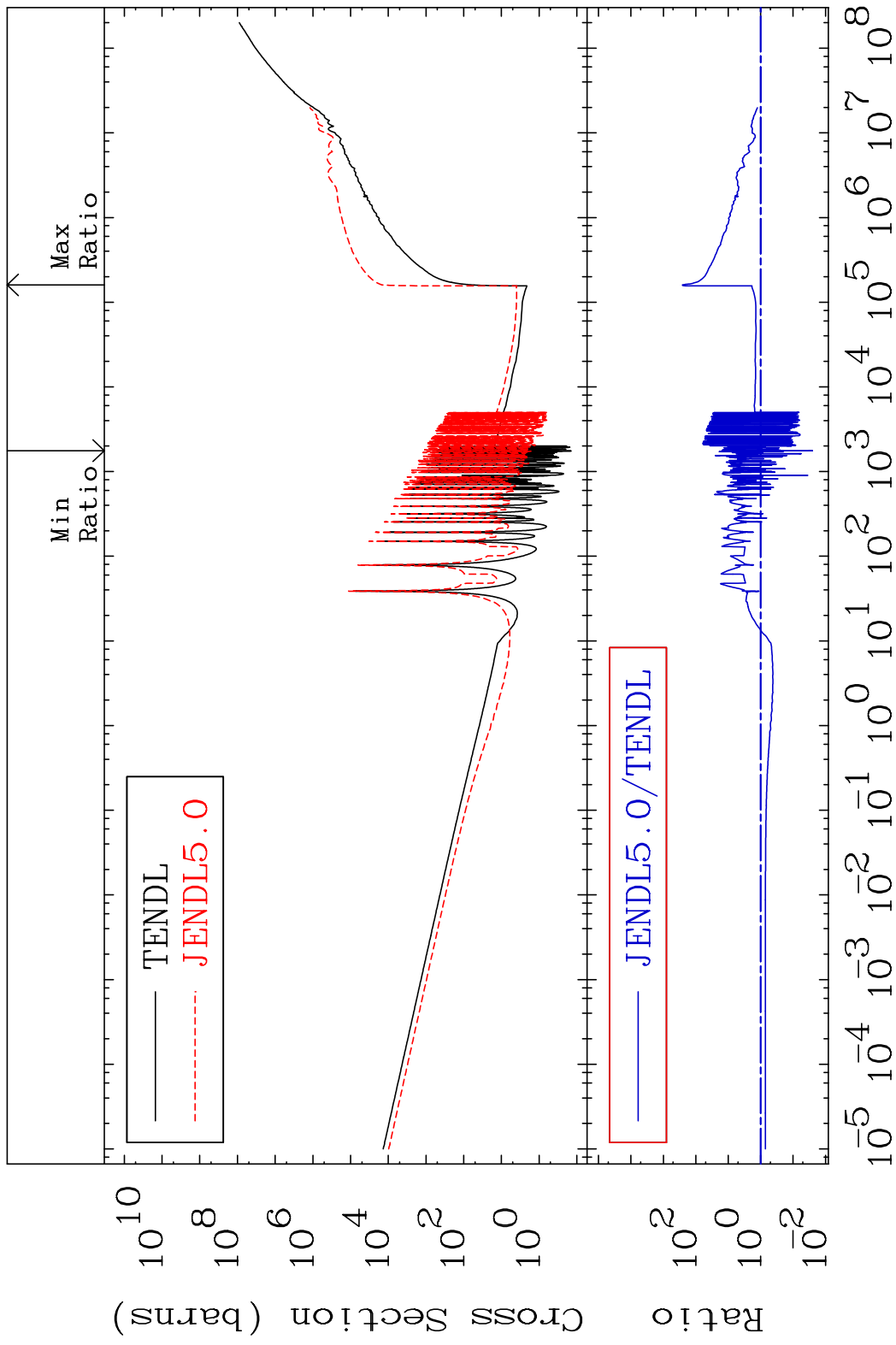
MAT 7637

Kerma elastic Cross Section -99.94 To 9999. %
76-0s-188

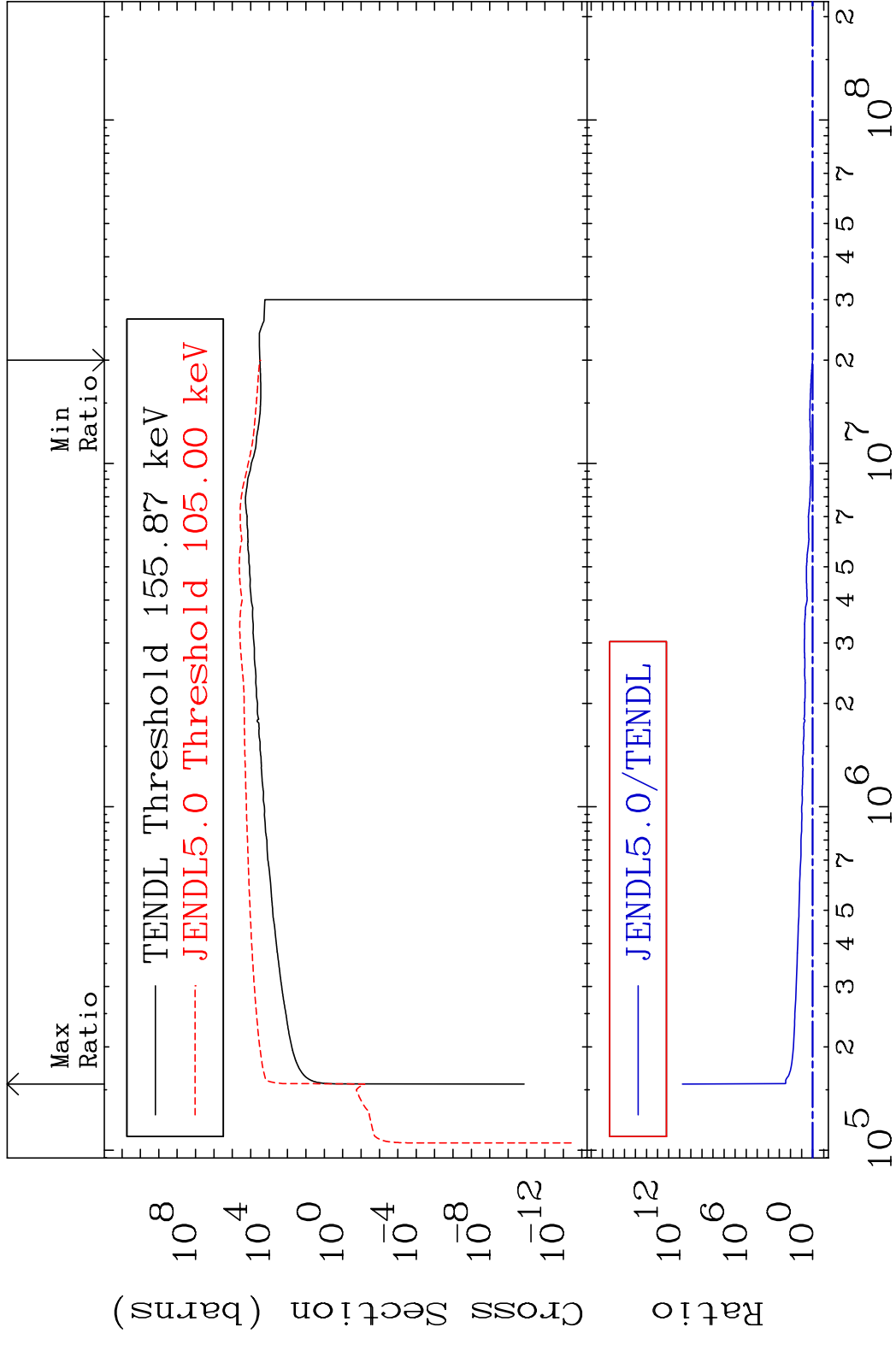


Ratio
10⁶
10⁴
10²
10⁰
10⁻²
10⁻⁴
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

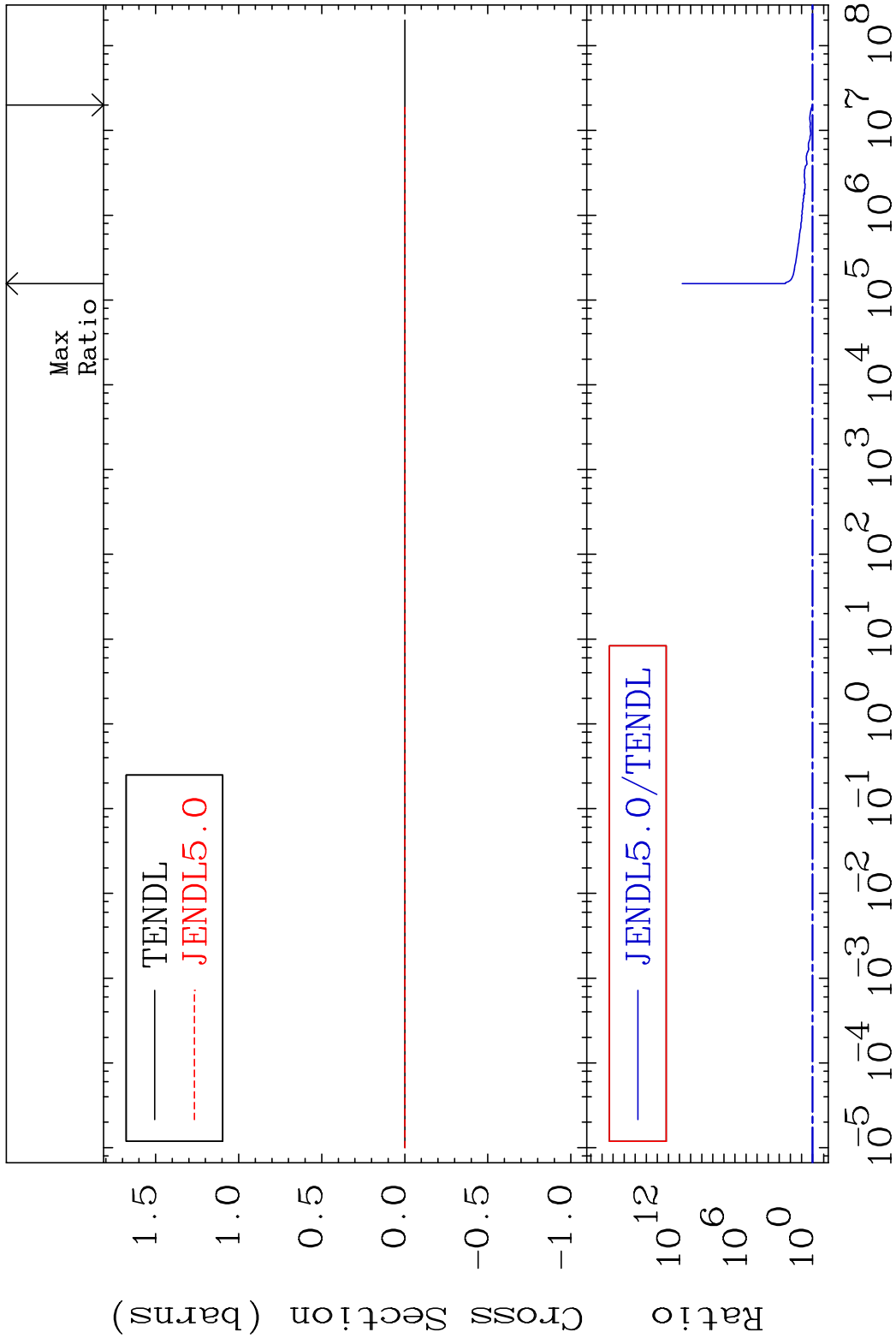
MAT 7637 Kerma non-elastic (all but mt2) 76-Os-188
 Cross Section -97.49 To 9999. %



MAT 7637 Kerma inelastic (mt51-91) 76-Os-188
 Cross Section 1.294 To 9999. %

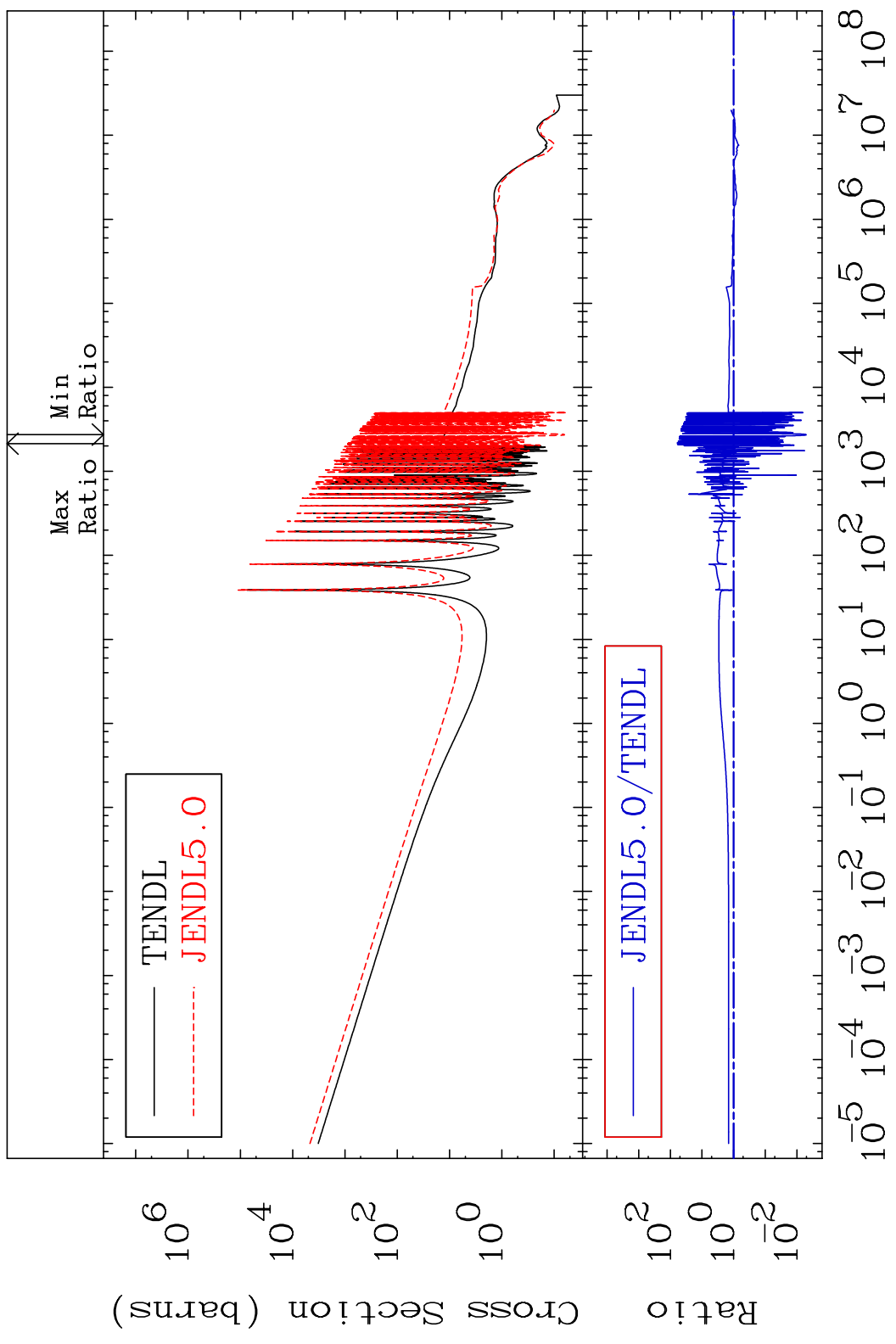


MAT 7637 Kerma fission (mt18 or mt19-20-21-38)76-0s-188
 Cross Section 1.294 To 9999. %



MAT 7637

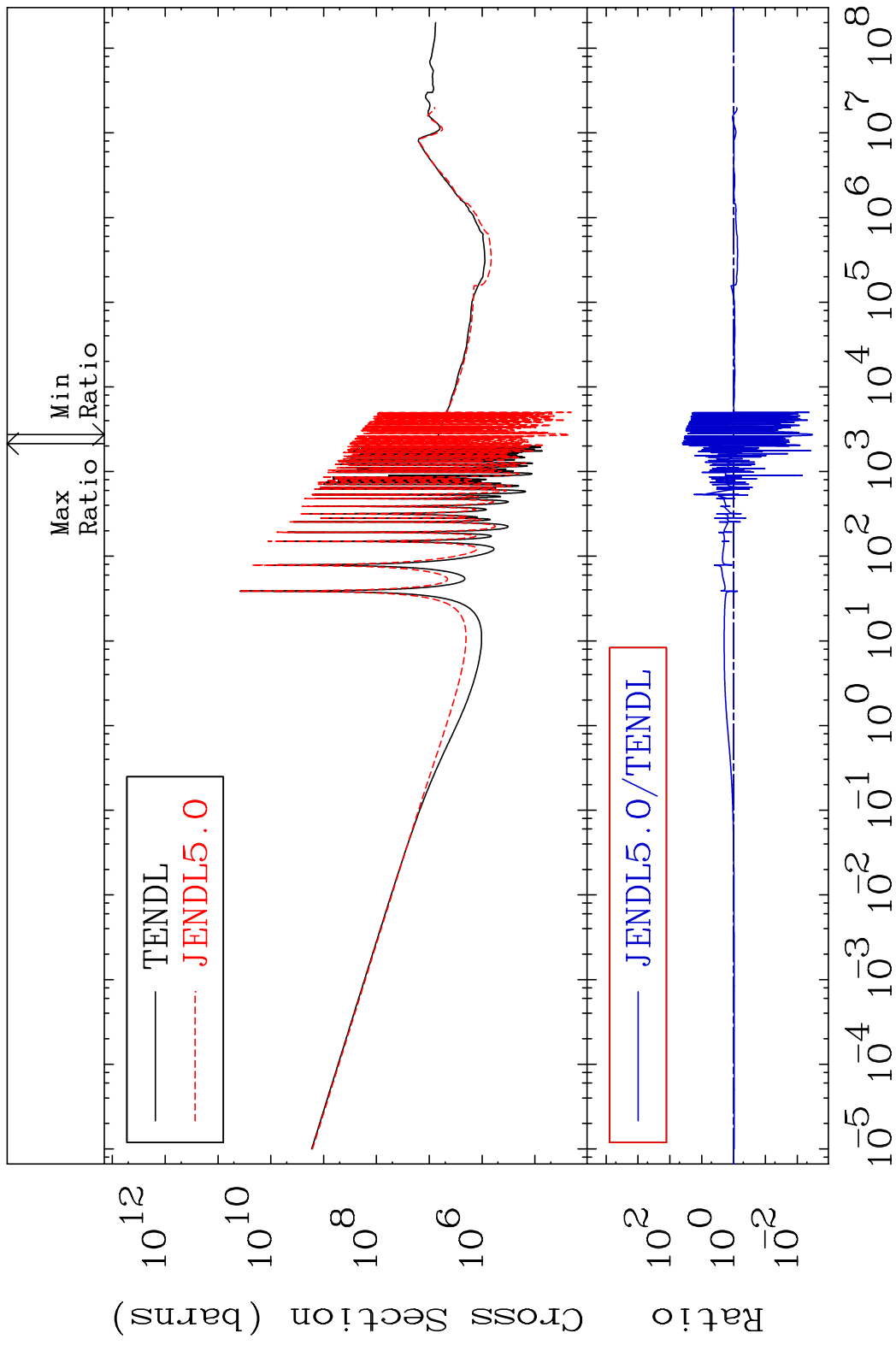
Kerma capture (mt102) 76-0s-188
Cross Section -99.50 To 5987. %



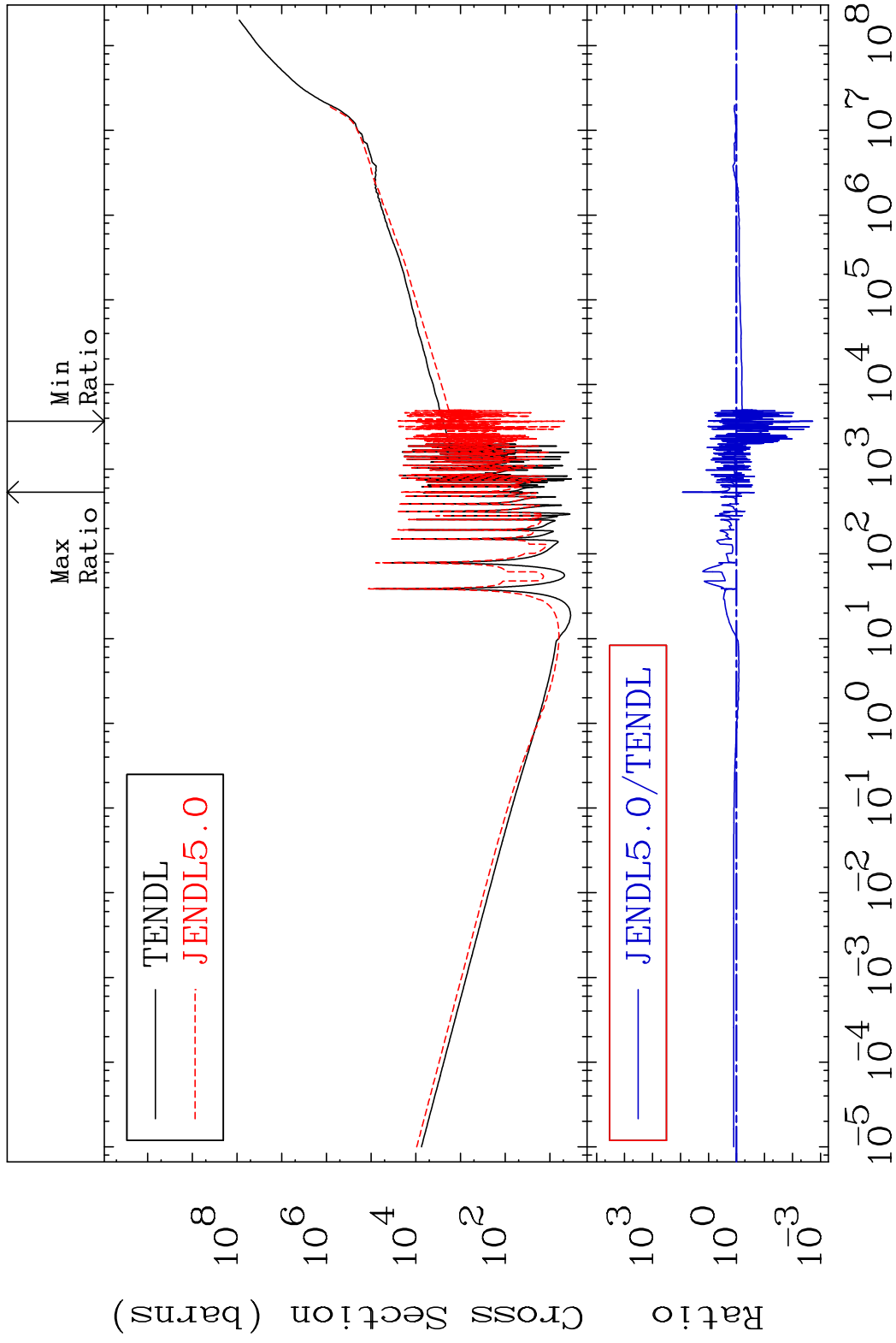
57

Incident Energy (eV) 76-0s-188

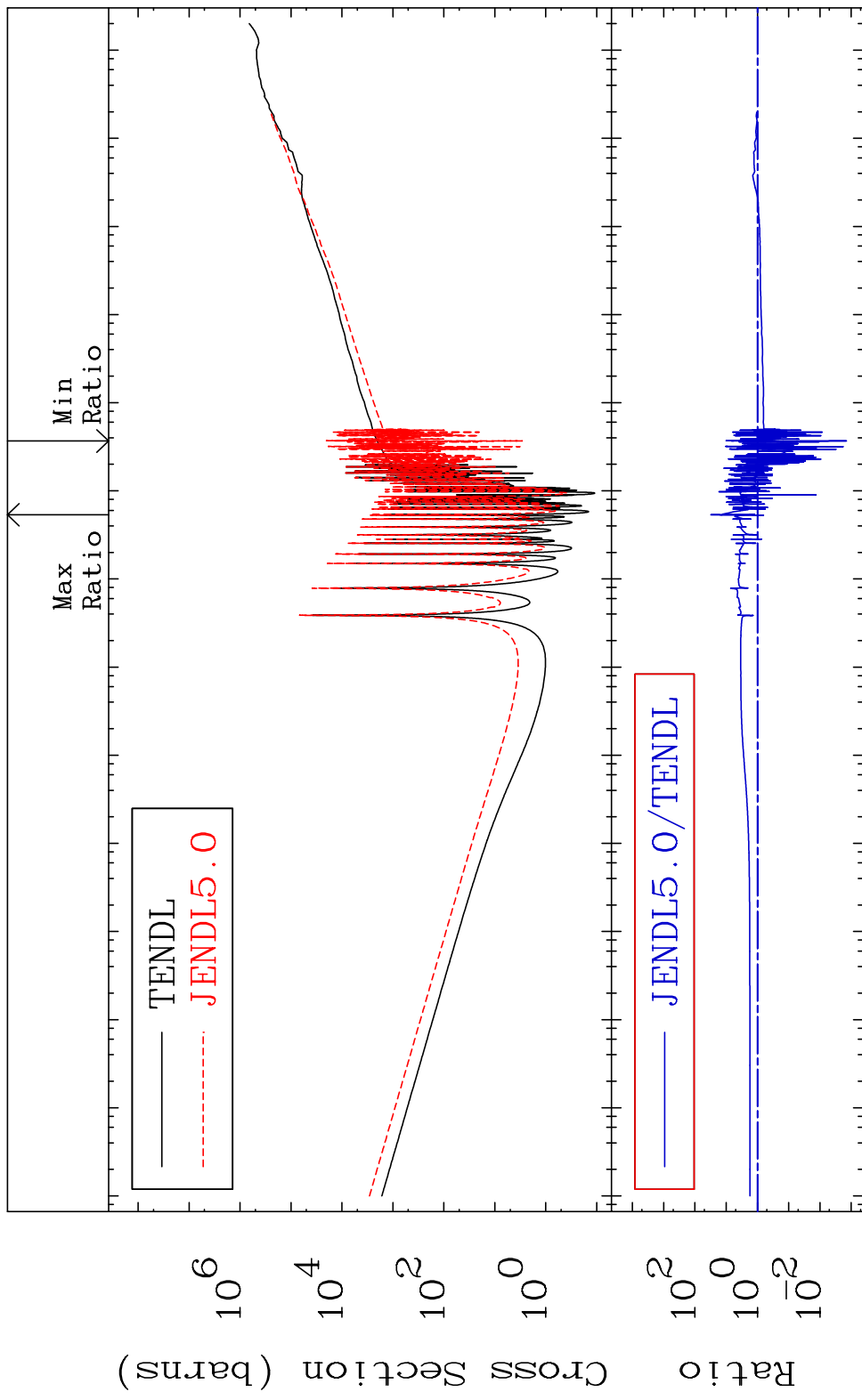
MAT 7637 Total photon (eV-barns) 76-0s-188
 Cross Section -99.67 To 3957. %



MAT 7637 Total kinematic kerma (high limit) 76-Os-188
 Cross Section -99.81 To 8527. %



MAT 7637 Dpa total (eV-barns) 76-0s-188
 Cross Section -99.86 To 3028. %



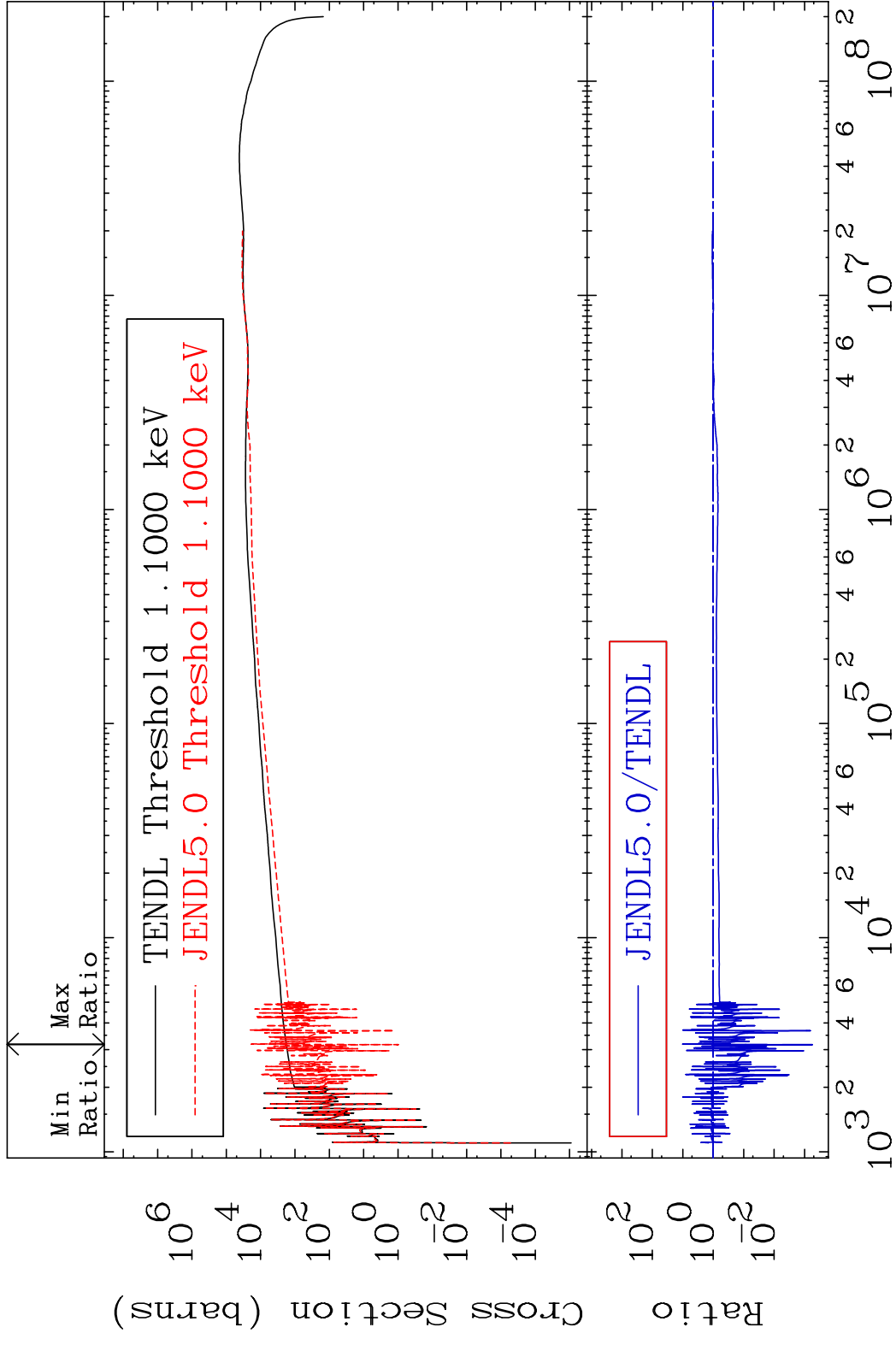
60 Incident Energy (eV) 76-0s-188

MAT 7637

Dpa elastic (mt2)

76-0s-188

Cross Section -99.95 To 936.8 %

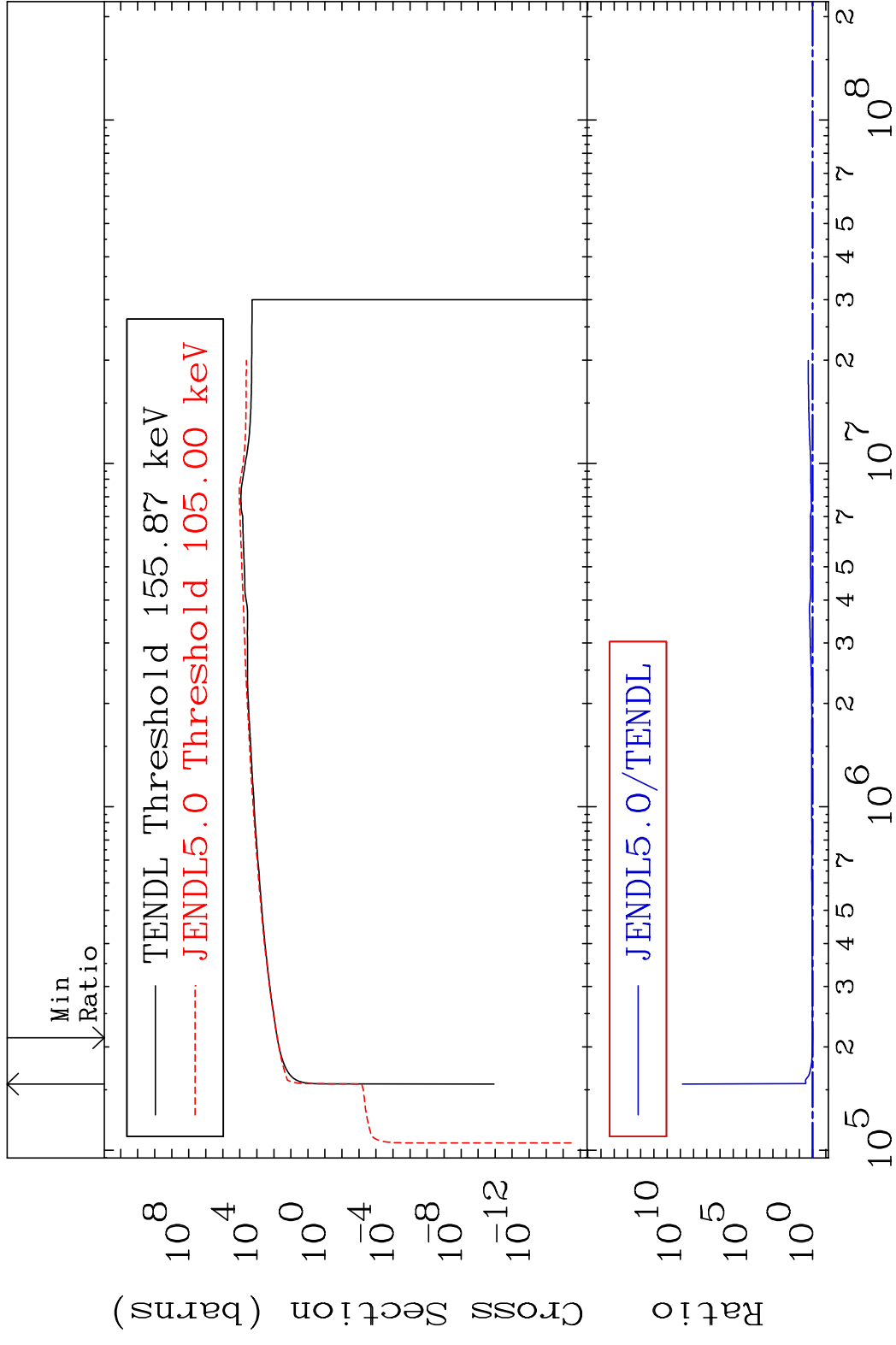


61

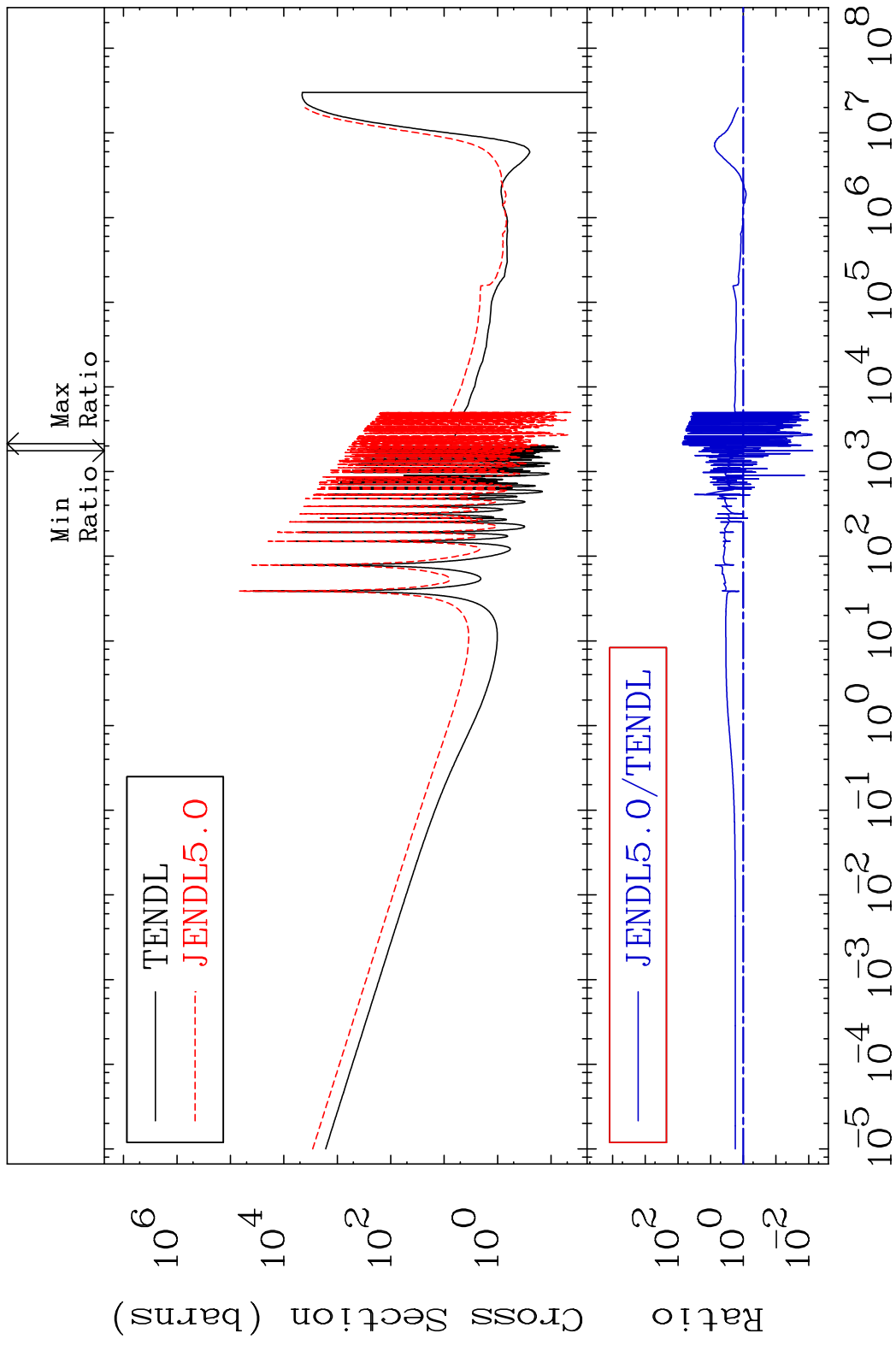
Incident Energy (eV)

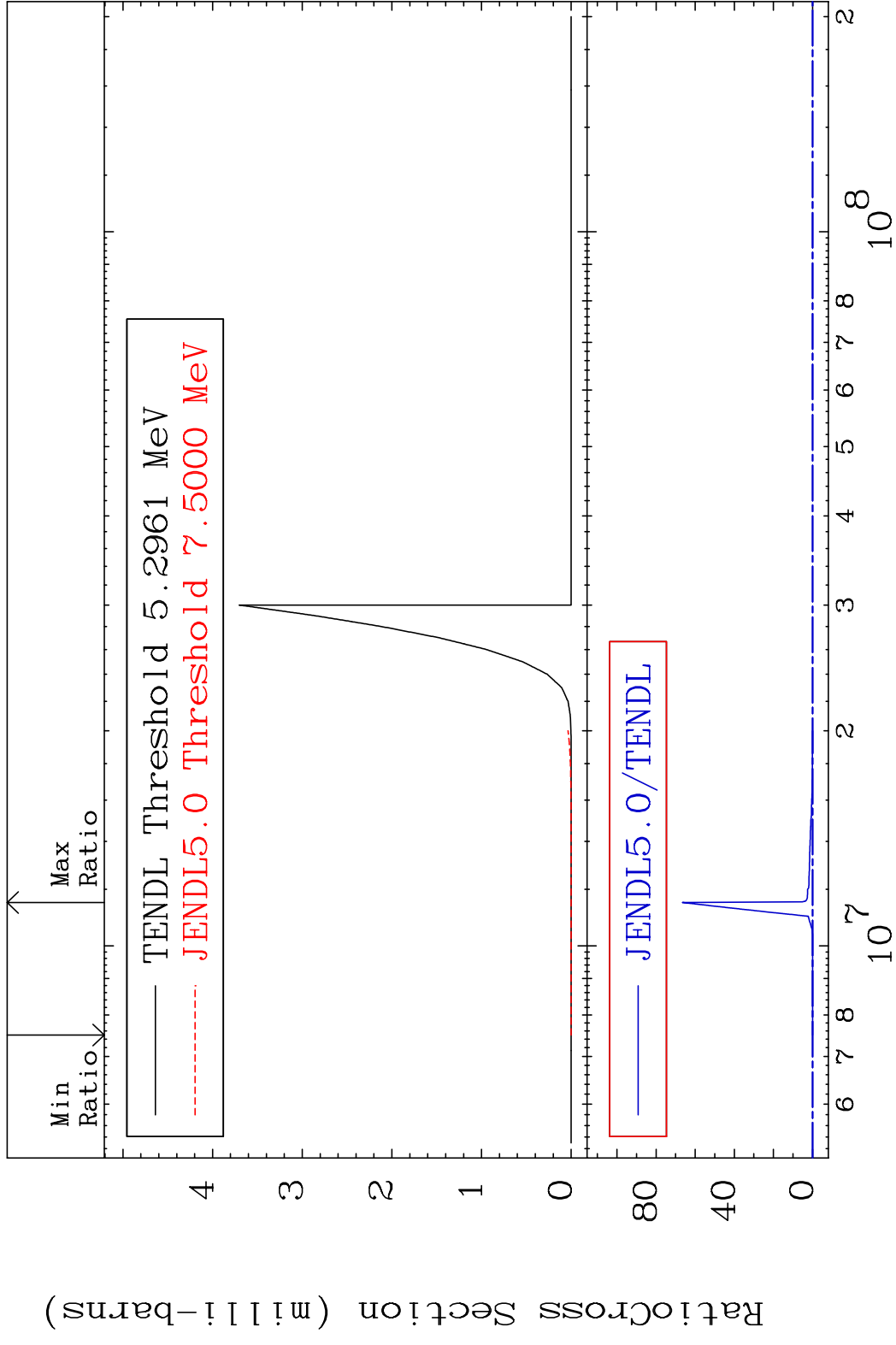
76-0s-188

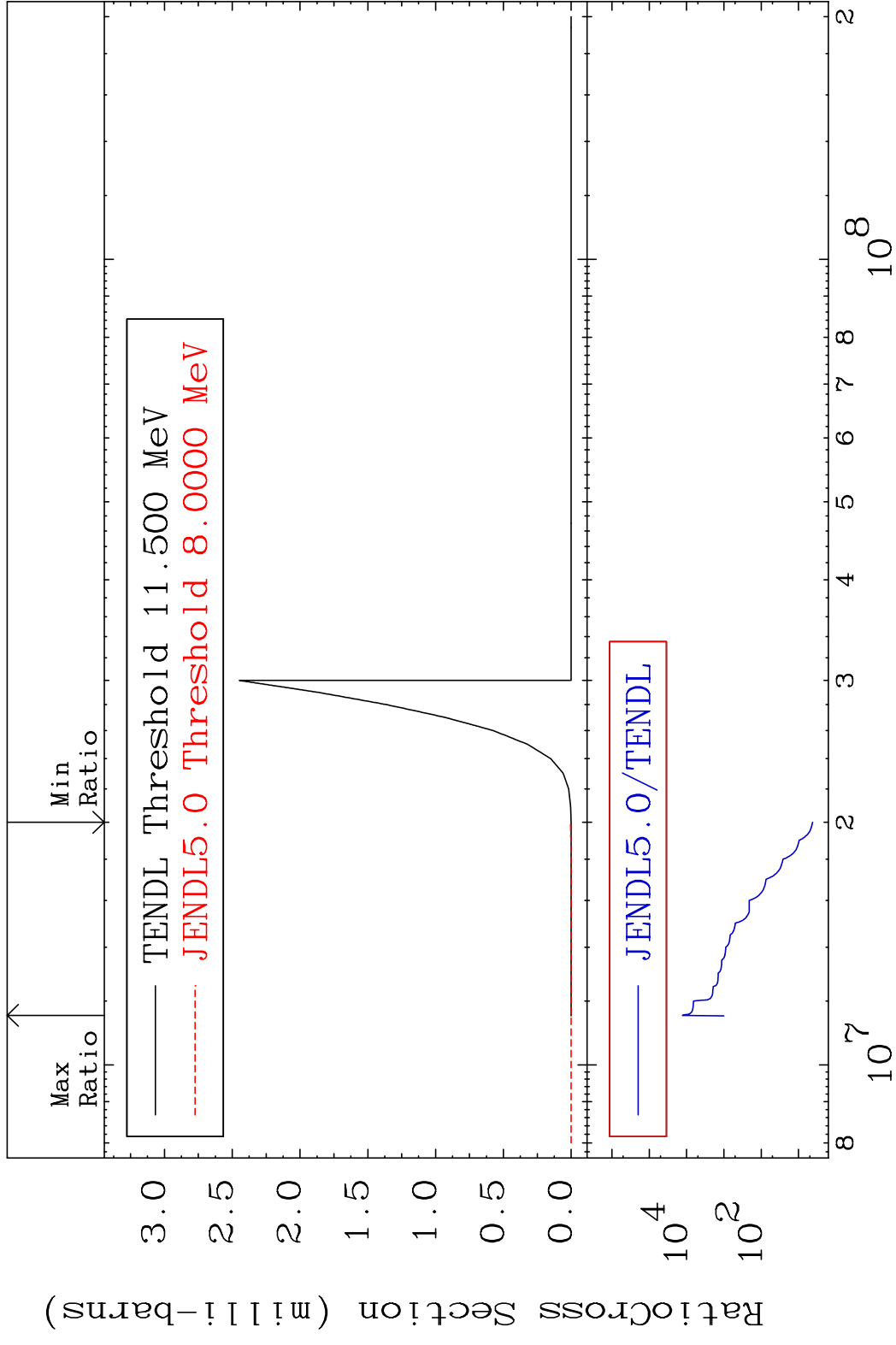
MAT 7637 Dpa inelastic (mt51-91) 76-0s-188
 Cross Section -0.995 To 9999. %

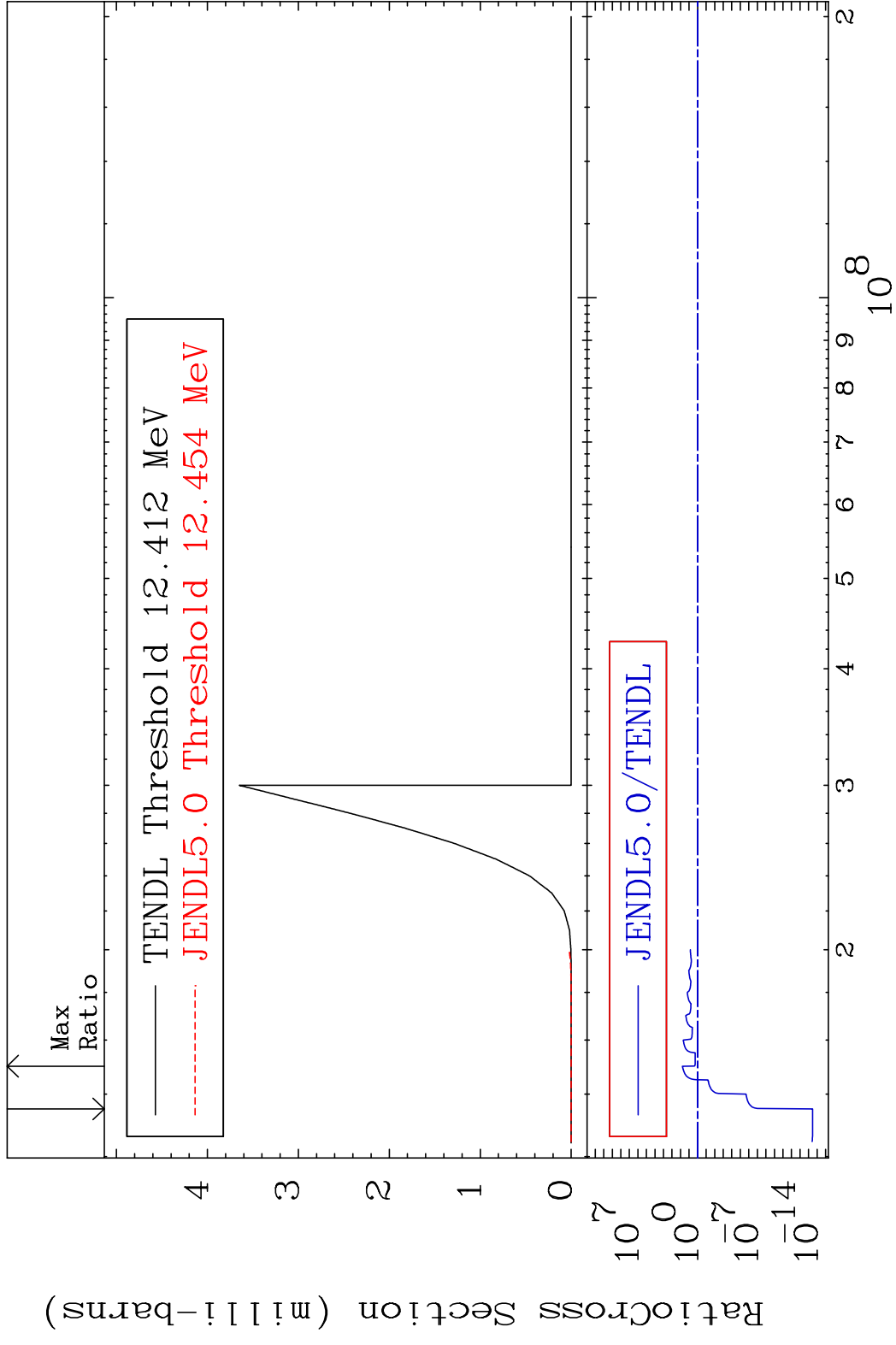


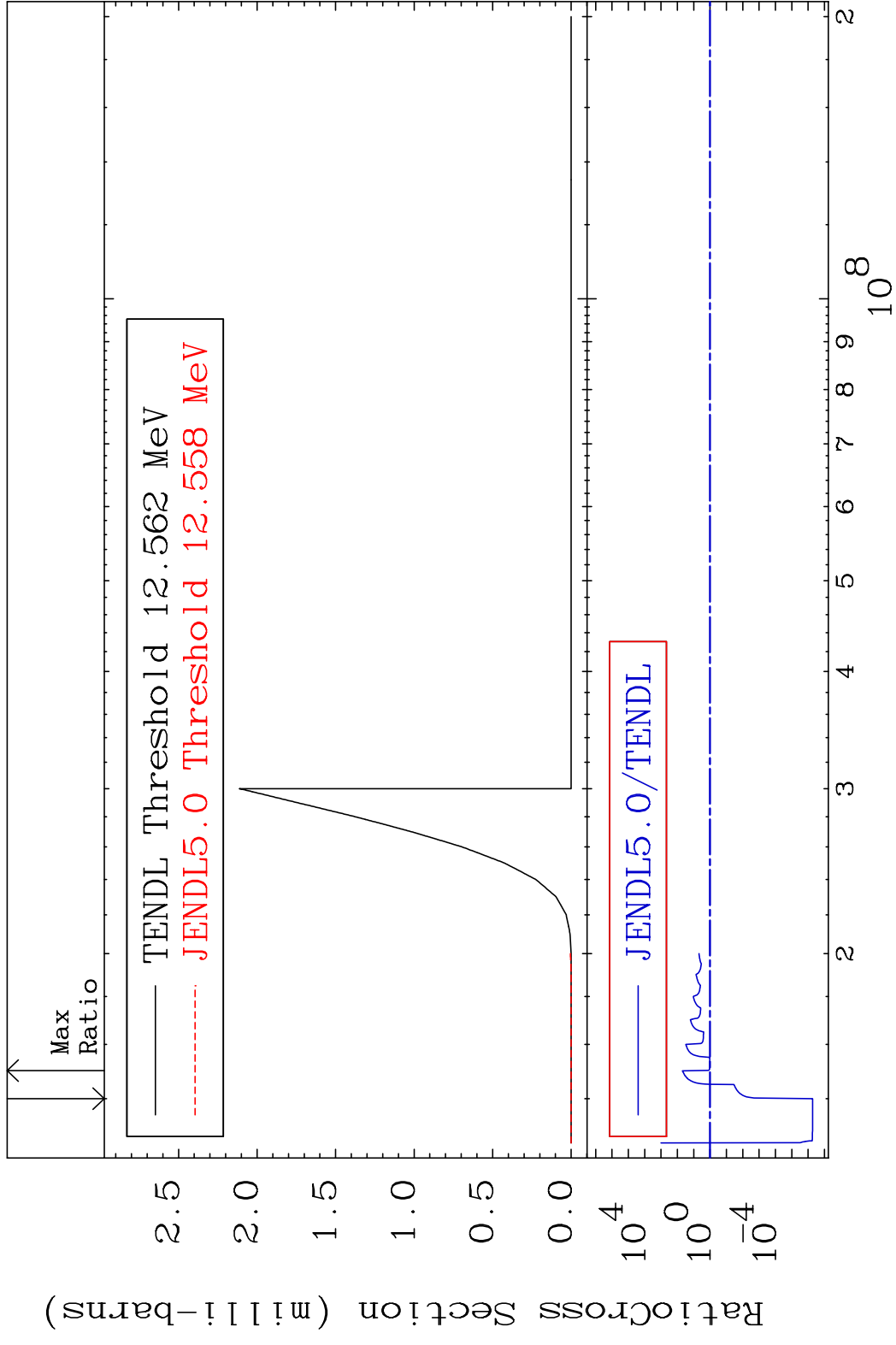
MAT 7637 Dpa disappearance (mt102 -120) 76-0s-188
 Cross Section -99.24 To 7238. %

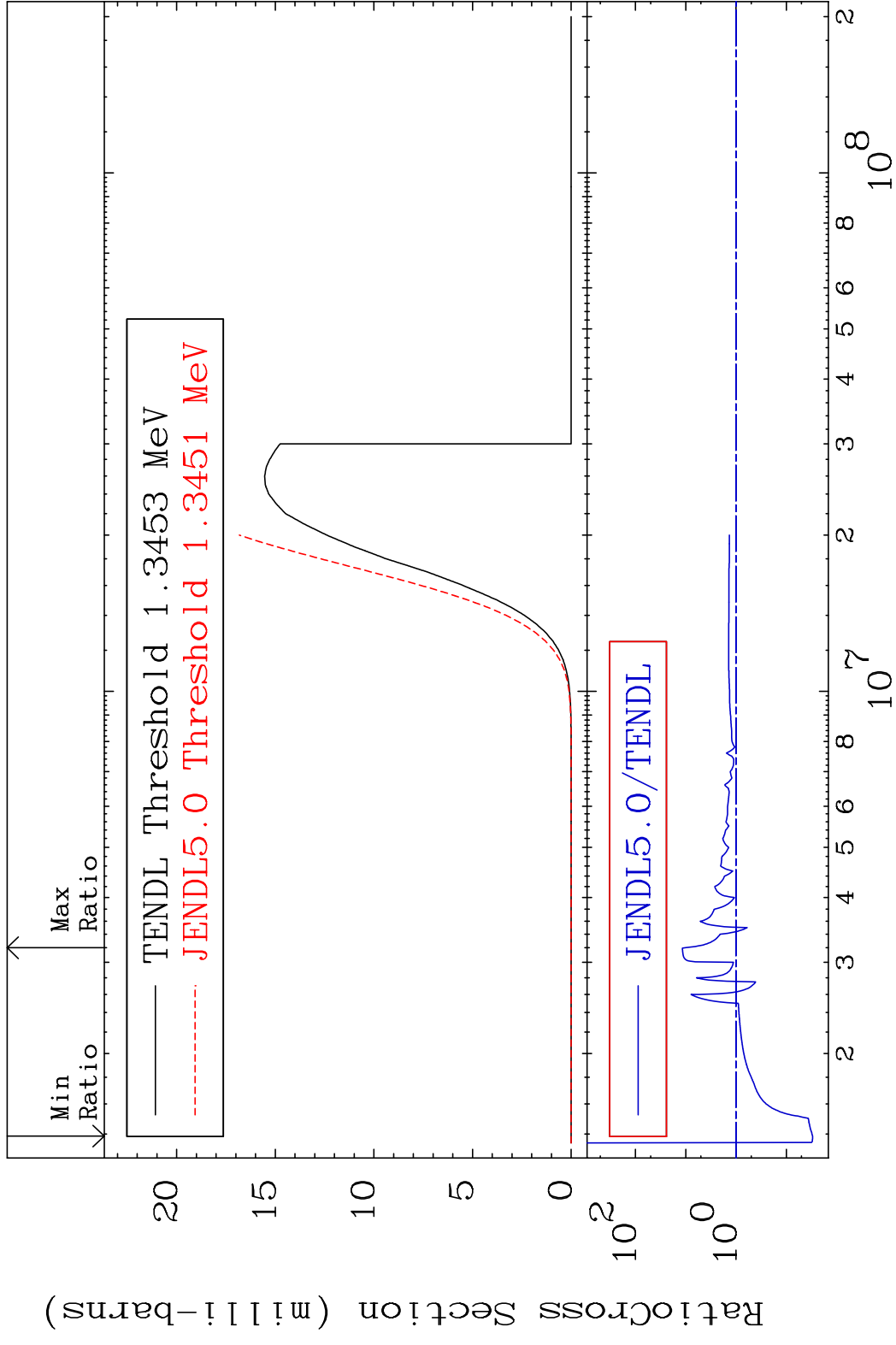


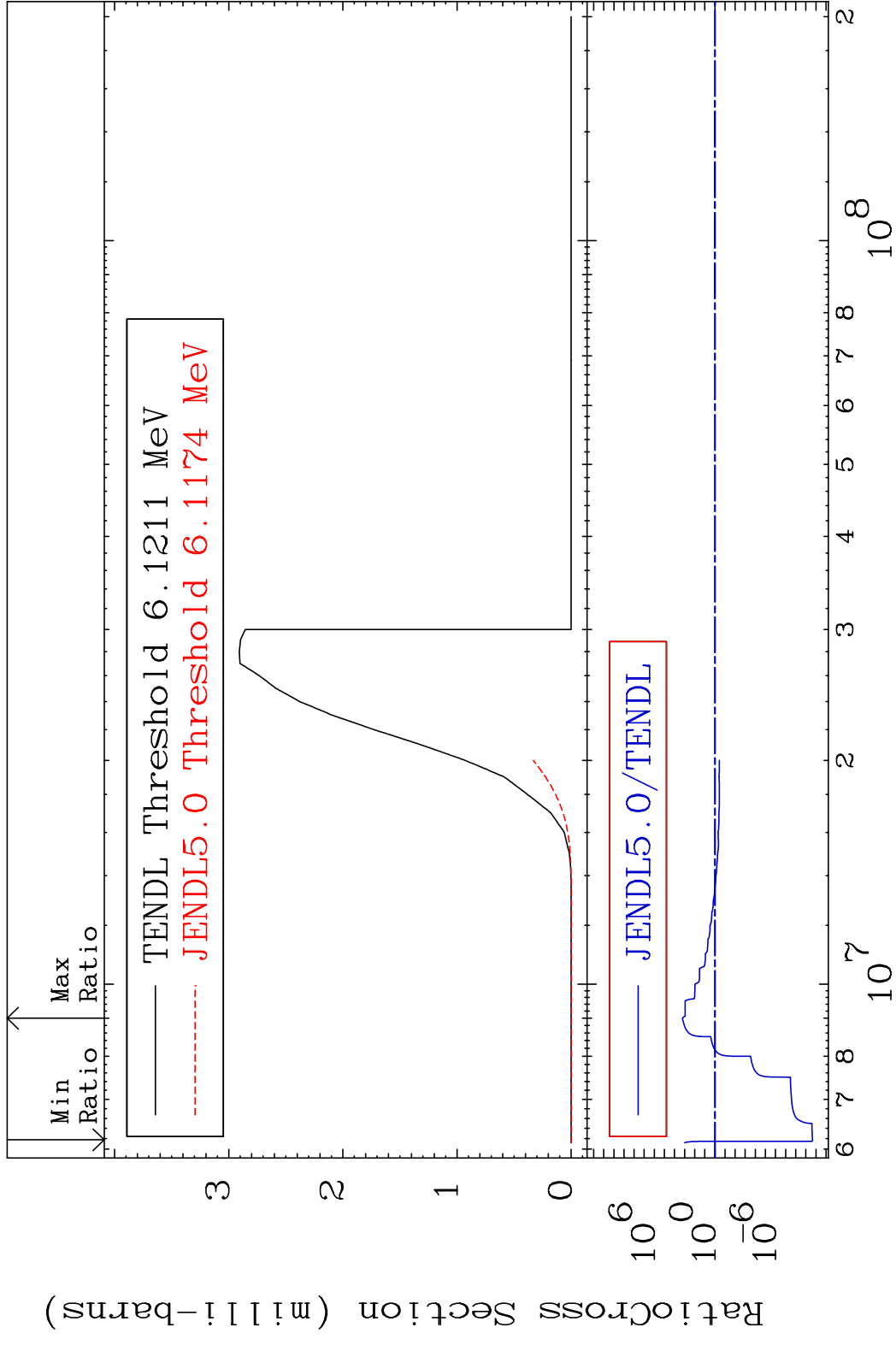












MAT 7637 (n, t): 75-Re-186m4 76-Os-188
 Radionuclide Production Cross Section Ratio 9999. %

