

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

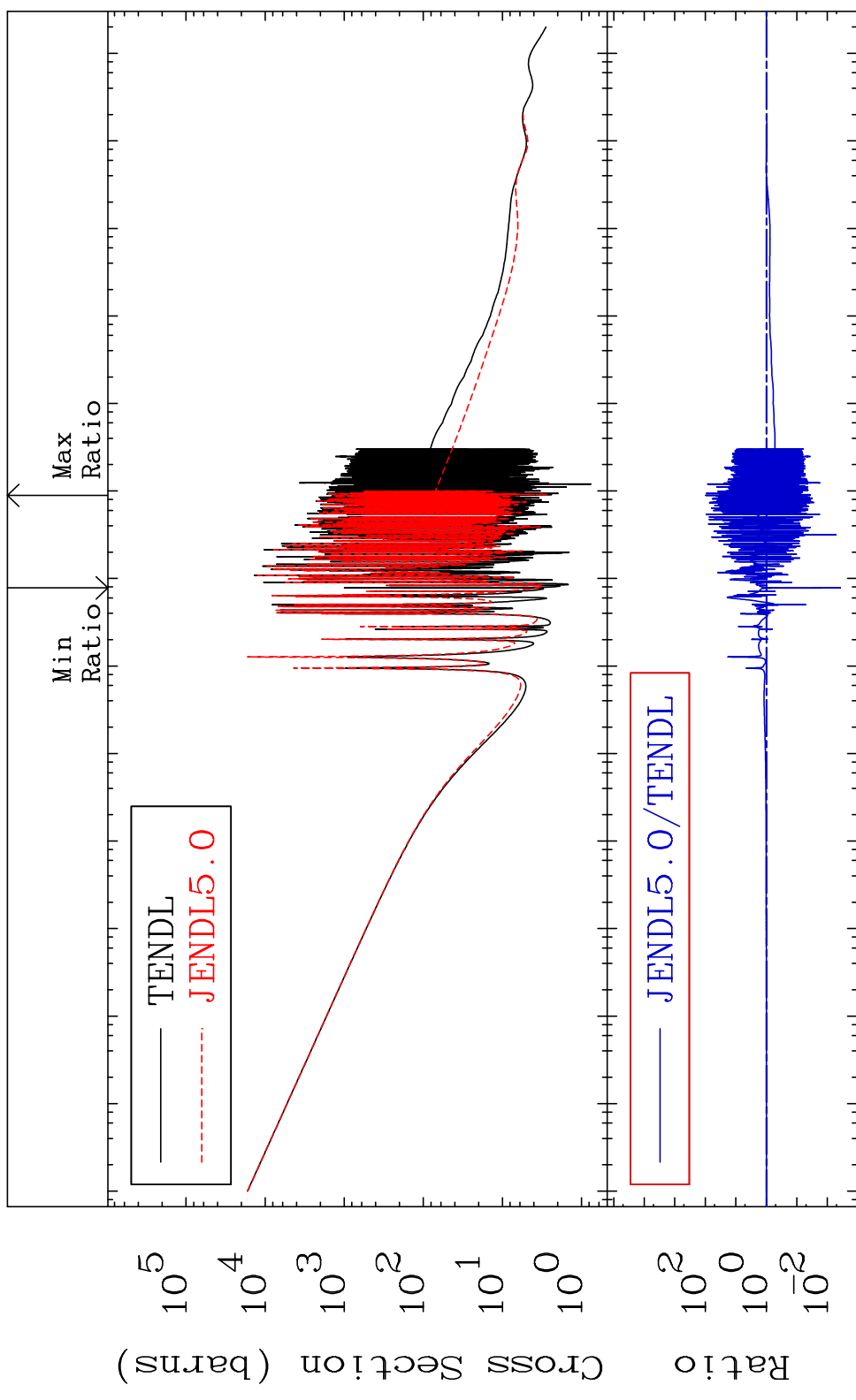
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 7634

Total Cross Section -99.63 To 9546. %
76-0s-187



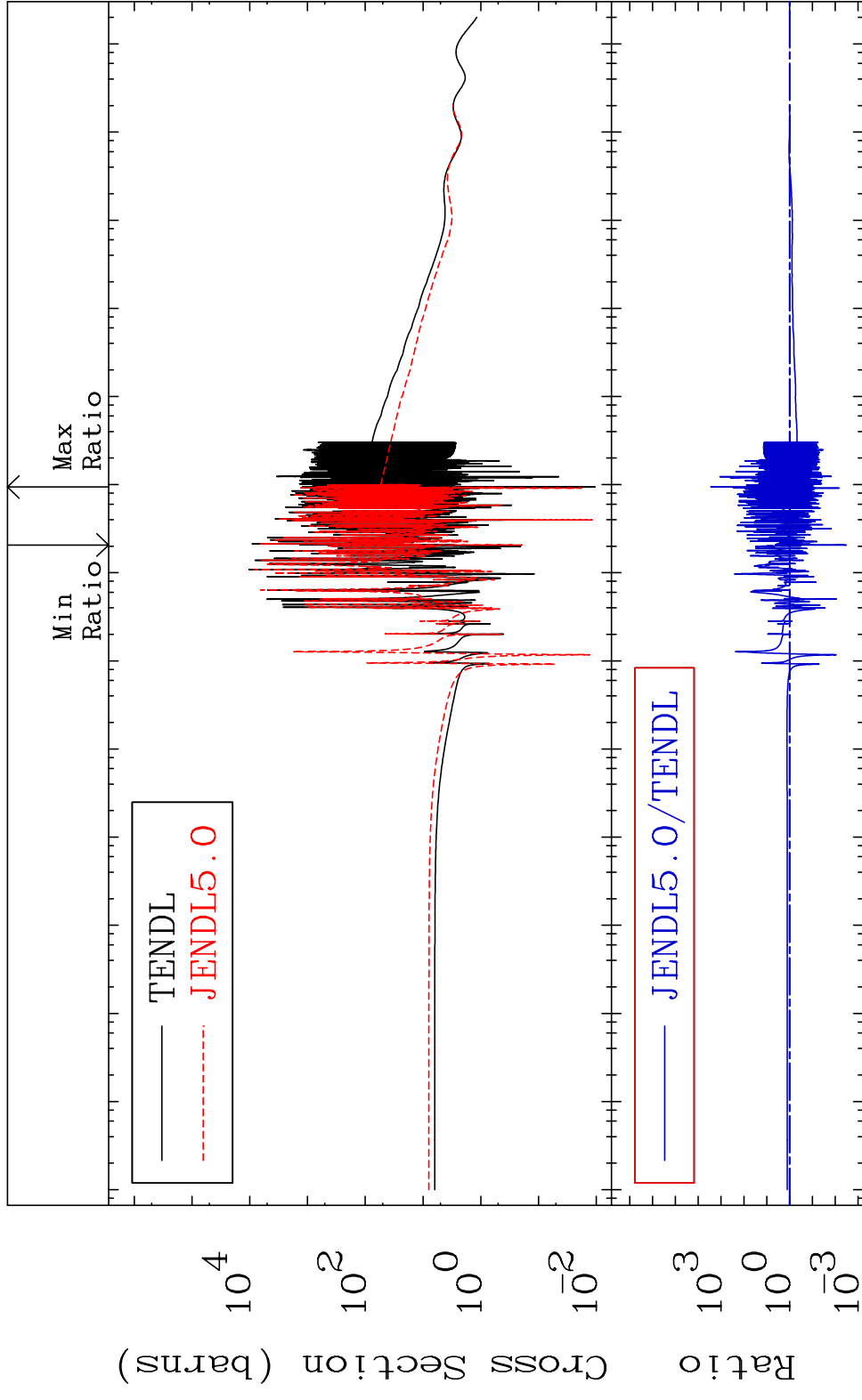
1 Incident Energy (eV) 76-0s-187

MAT 7634

Elastic

76-0s-187

Cross Section -99.67 To 9999. %

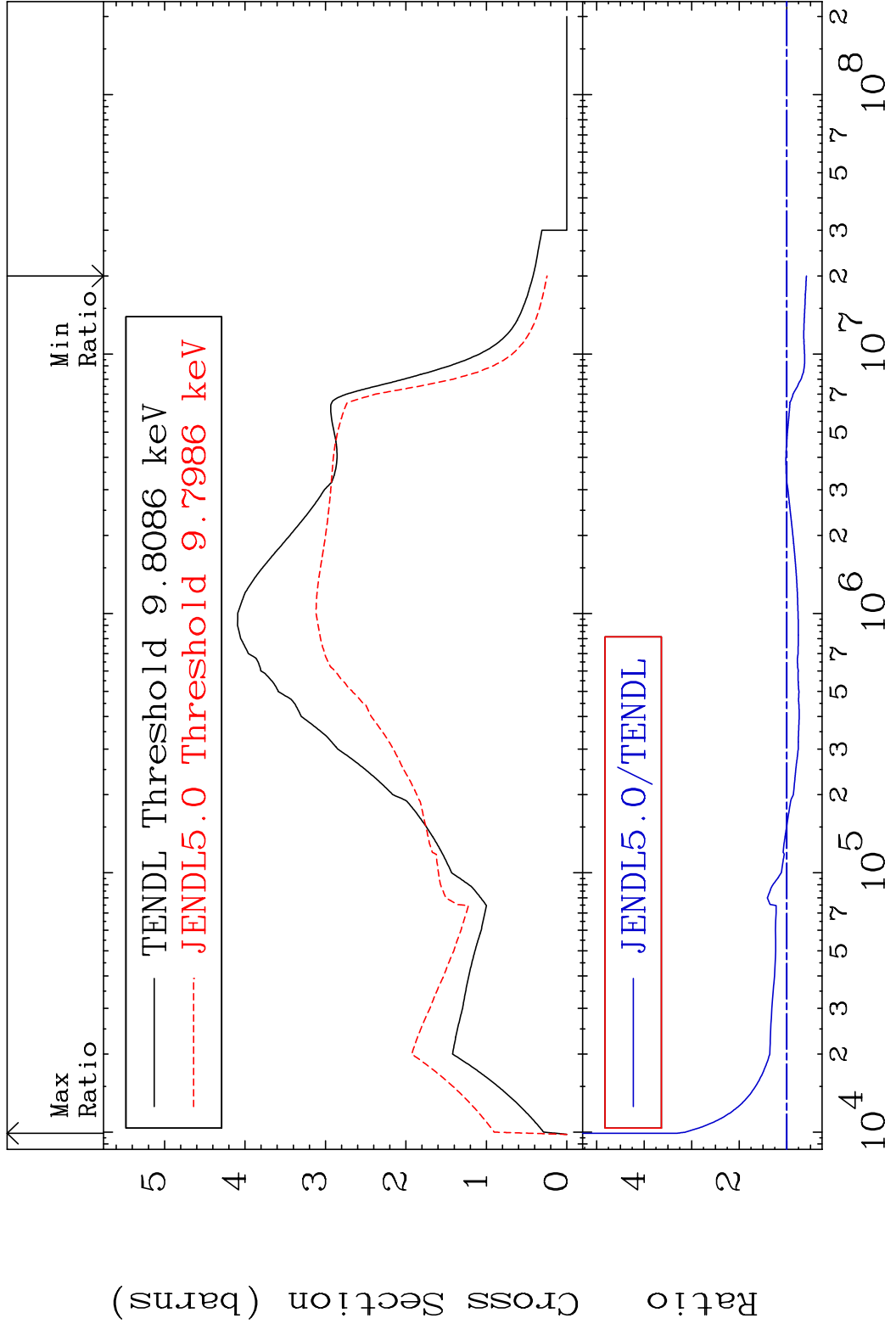


2

Incident Energy (eV)

76-0s-187

MAT 7634 Inelastic 76-0s-187
 Cross Section -41.39 To 230.4 %



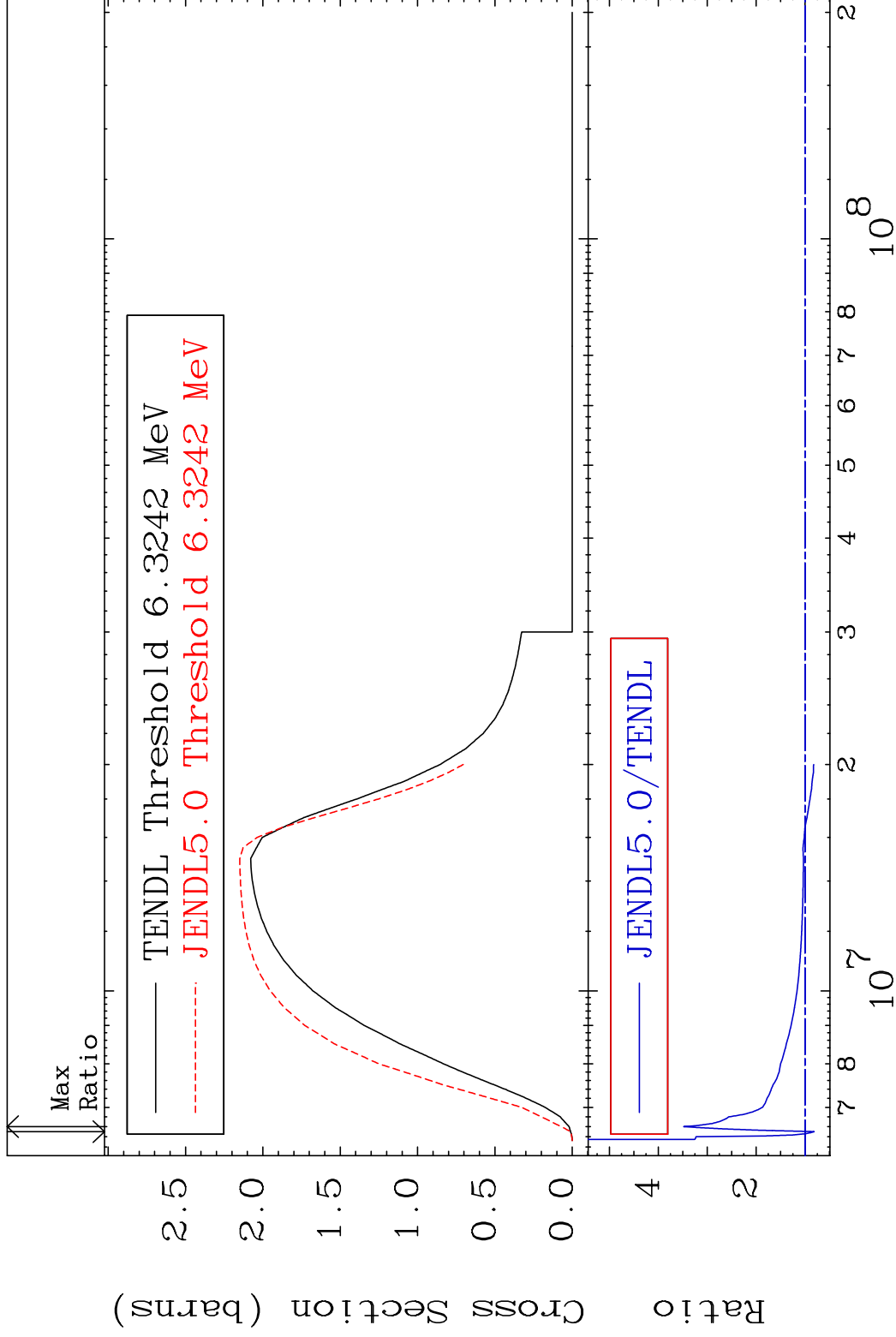
3 Incident Energy (eV) 76-0s-187

MAT 7634

(n,2n)

76-0s-187

Cross Section -18.53 To 248.1 %



4

Incident Energy (eV)

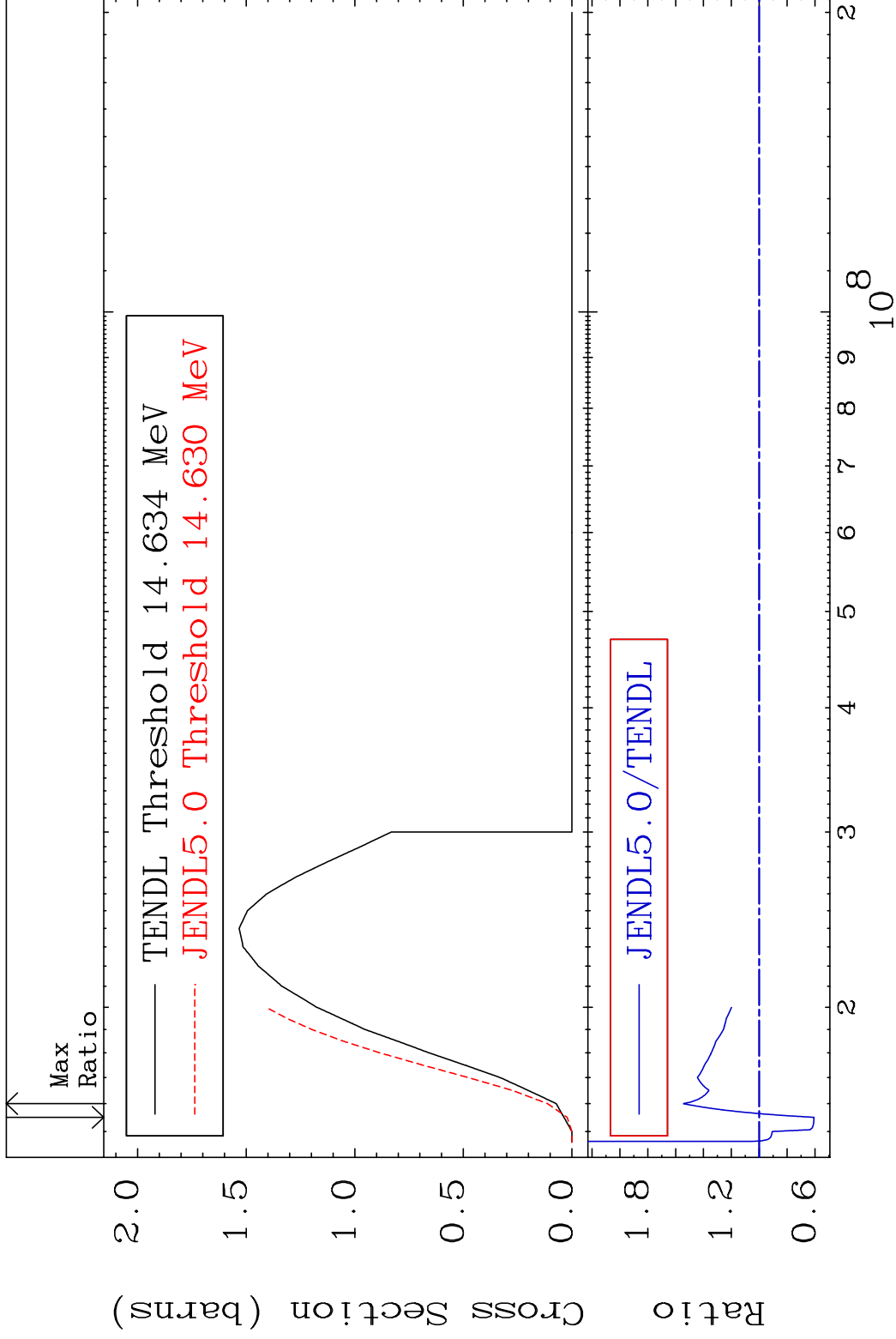
76-0s-187

MAT 7634

(n,3n)

76-0s-187

Cross Section -39.30 To 54.38 %



5

Incident Energy (eV)

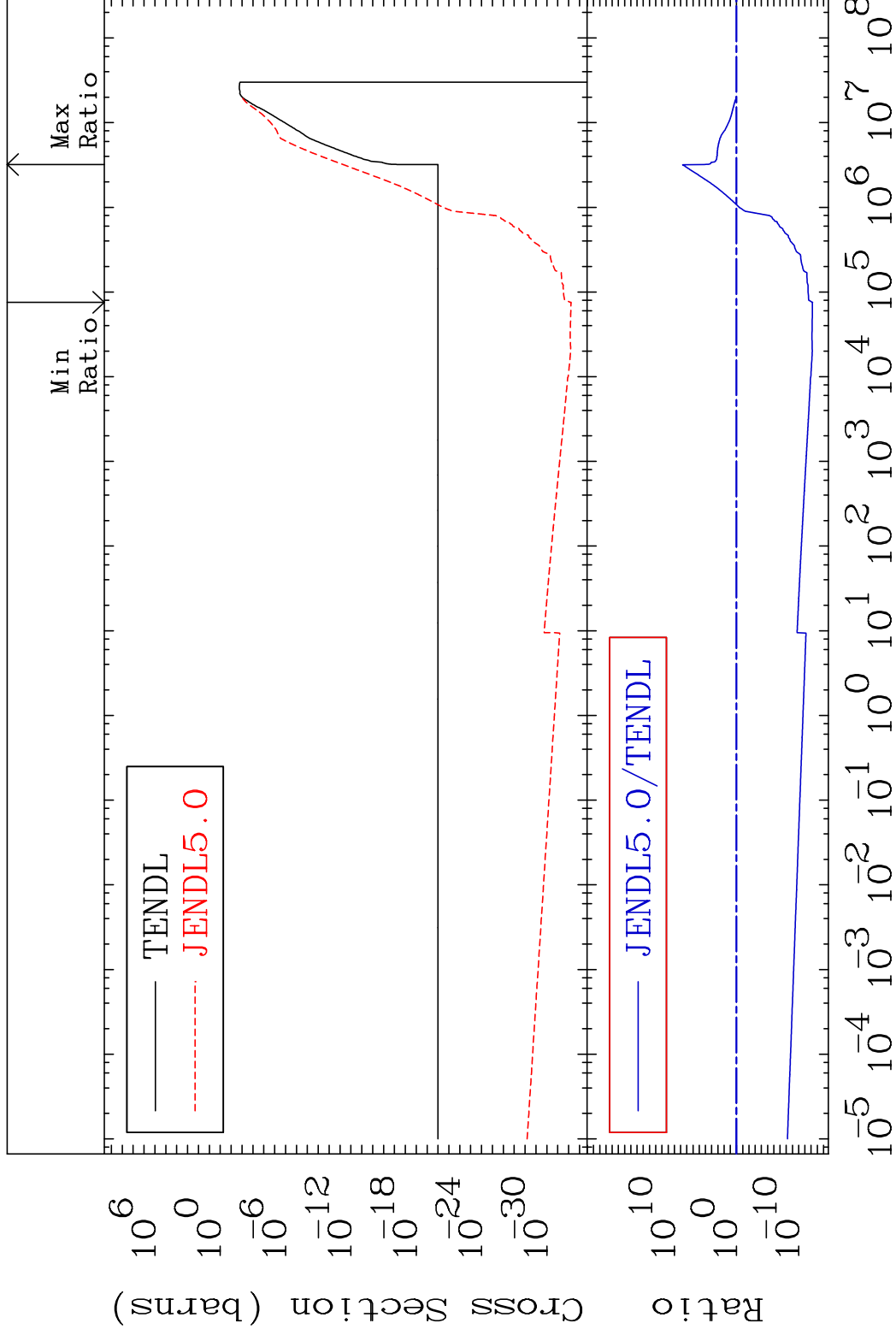
76-0s-187

MAT 7634

(n, n') α

76-Os-187

Cross Section -100.0 To 9999. %

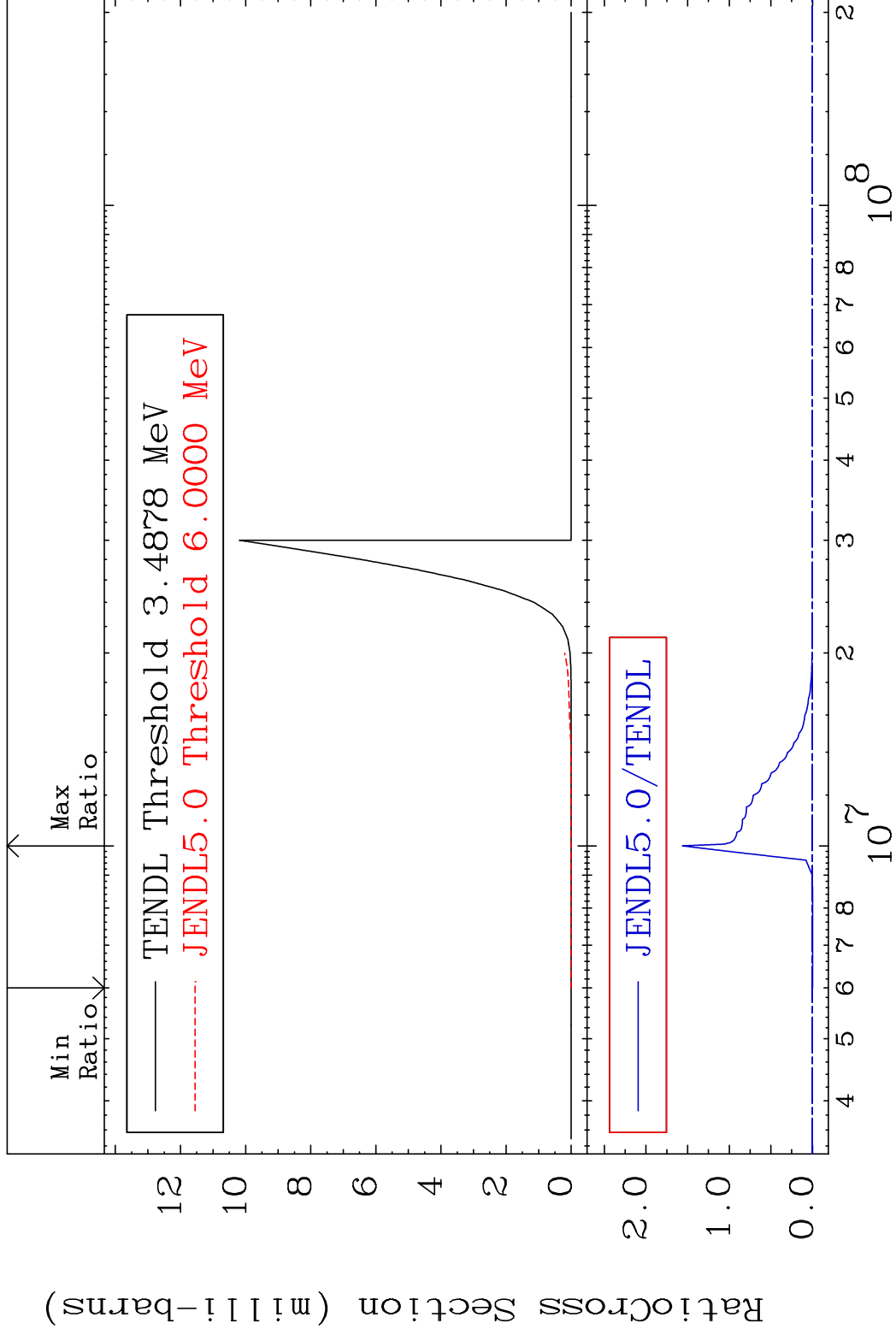


MAT 7634

(n,2n) α

76-0s-187

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

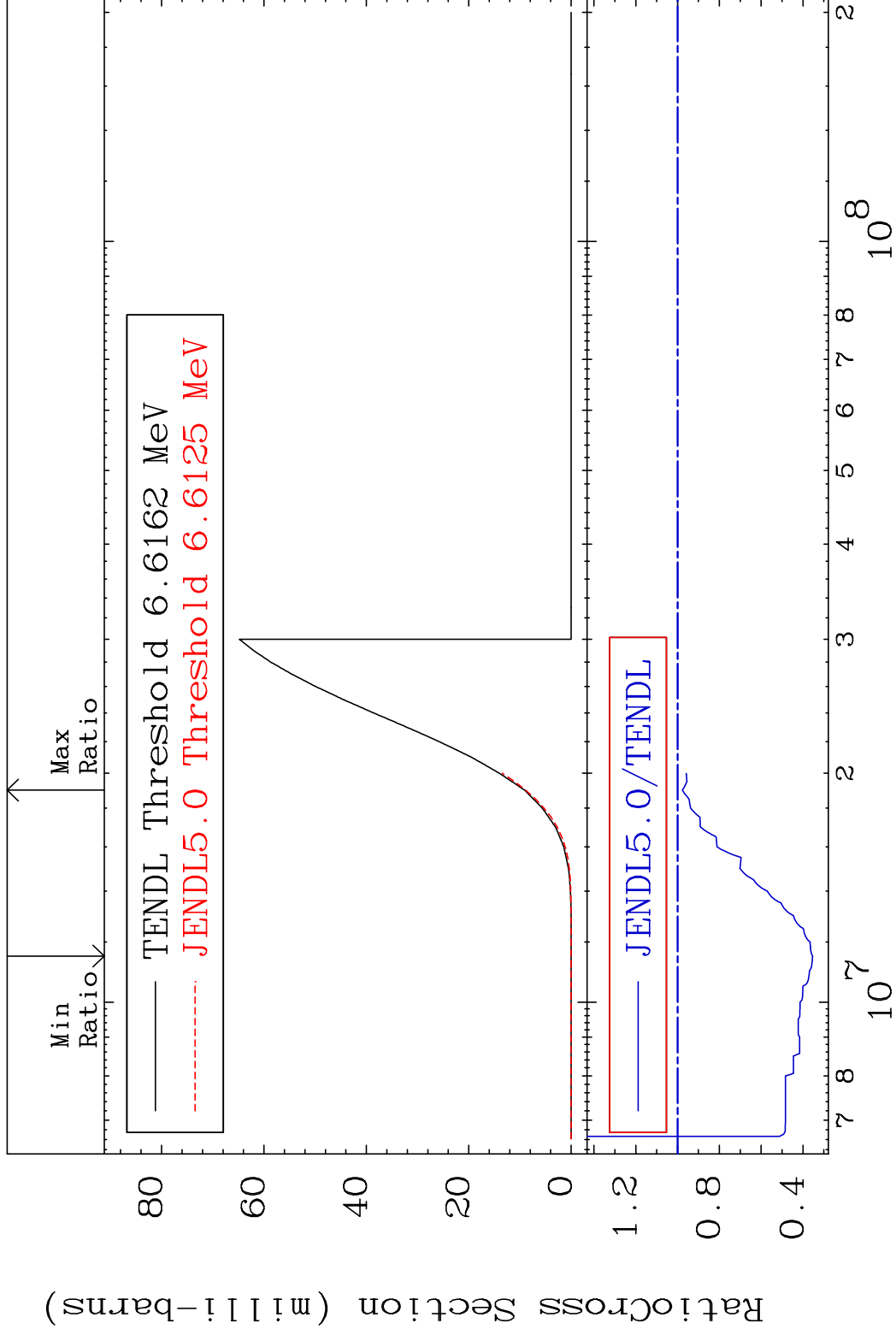
76-0s-187

MAT 7634

(n, n') p

76-0s-187

Cross Section -64.61 To -2.298%



8

Incident Energy (eV)

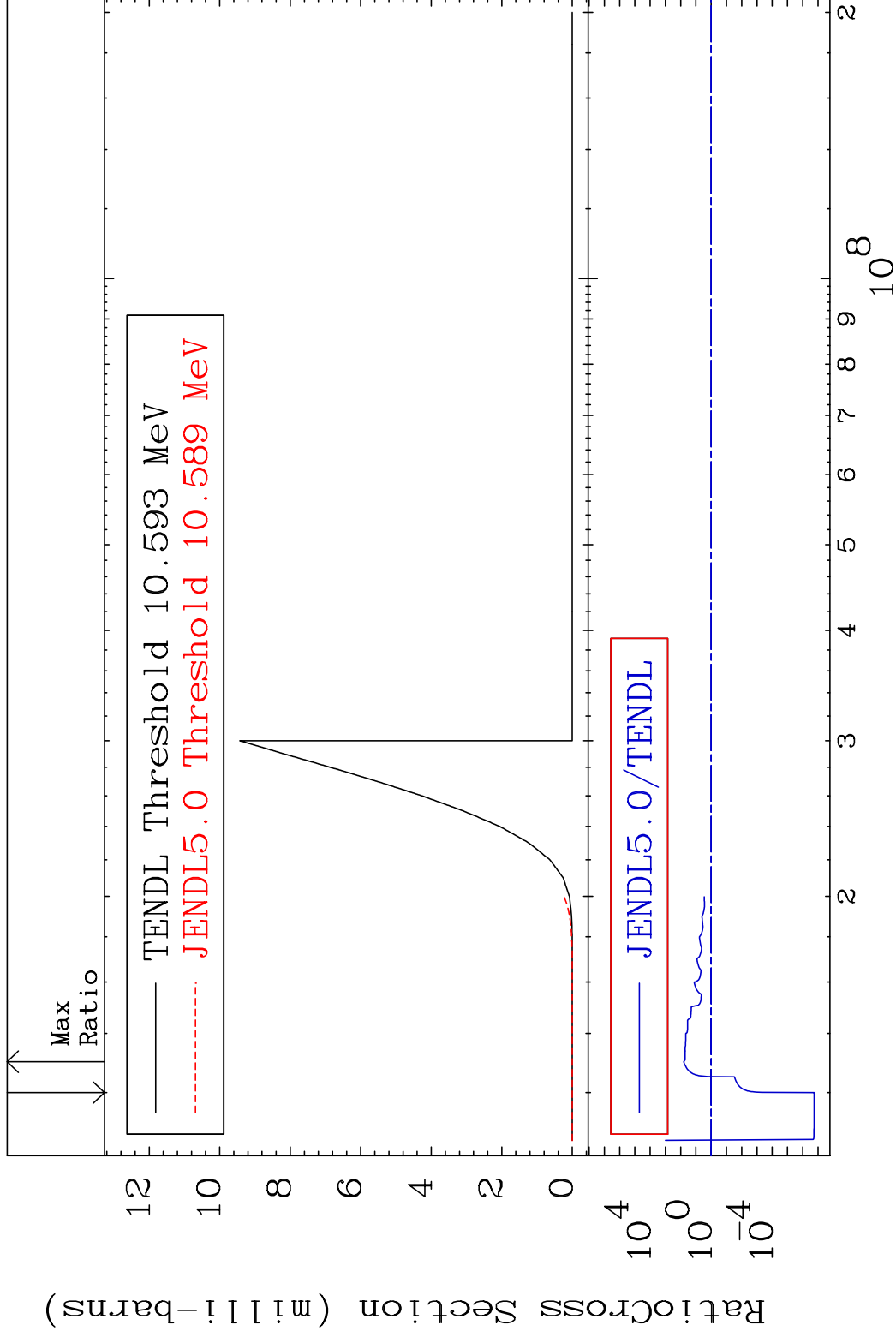
76-0s-187

MAT 7634

(n, n') d

76-0s-187

Cross Section -100.0 To 6263. %

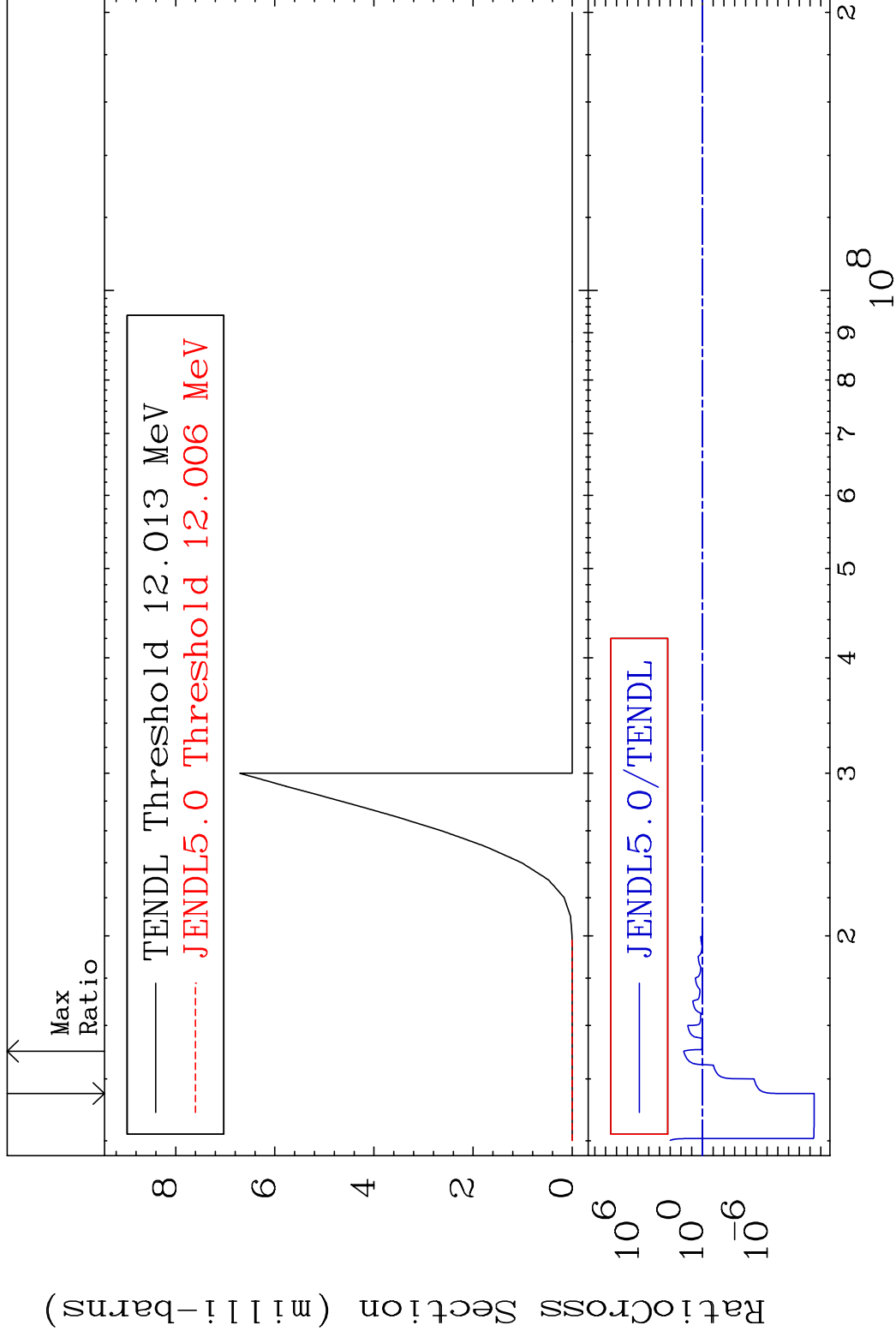


MAT 7634

(n, n') t

76-0s-187

Cross Section -100.0 To 5513. %



10

Incident Energy (eV)

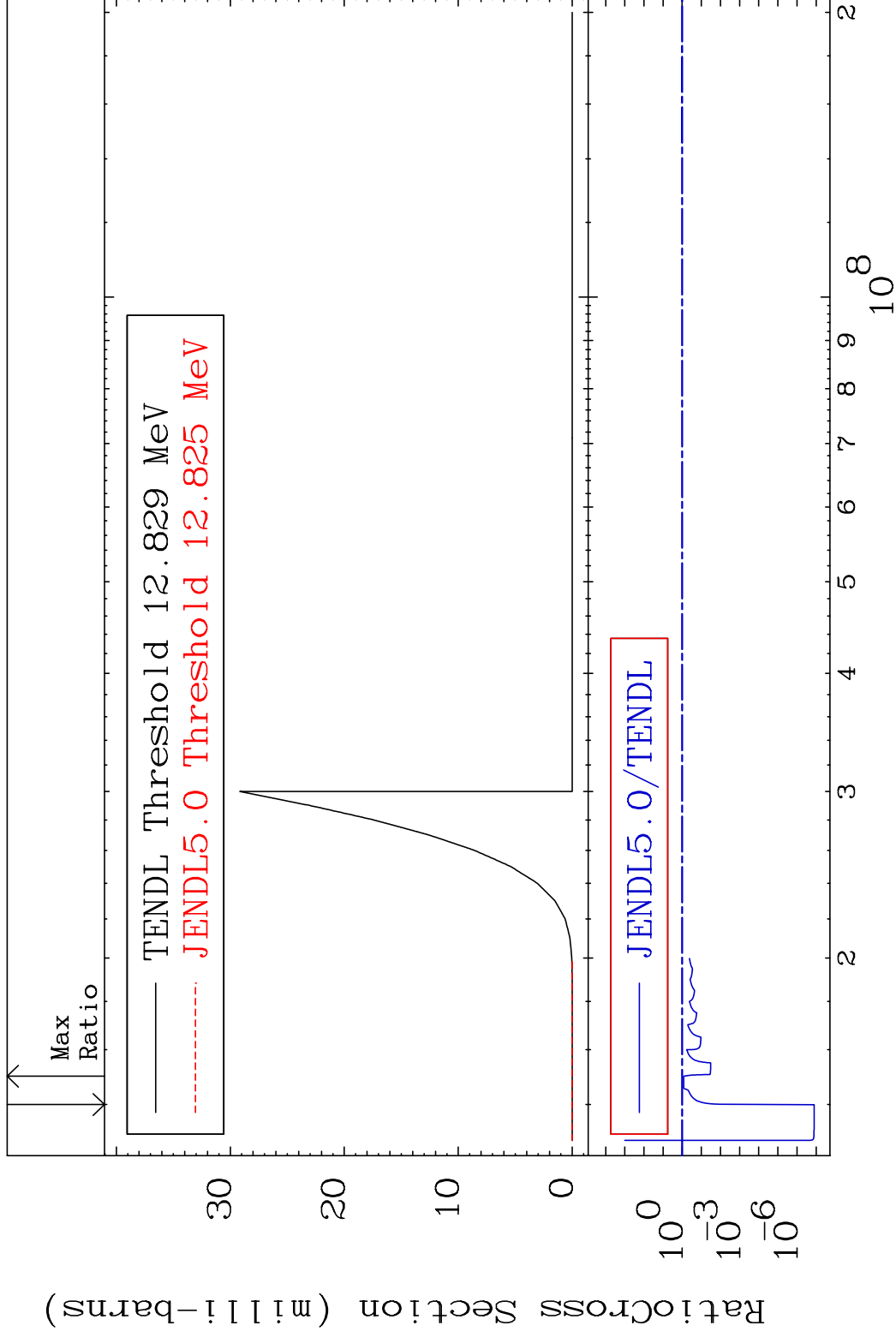
76-0s-187

MAT 7634

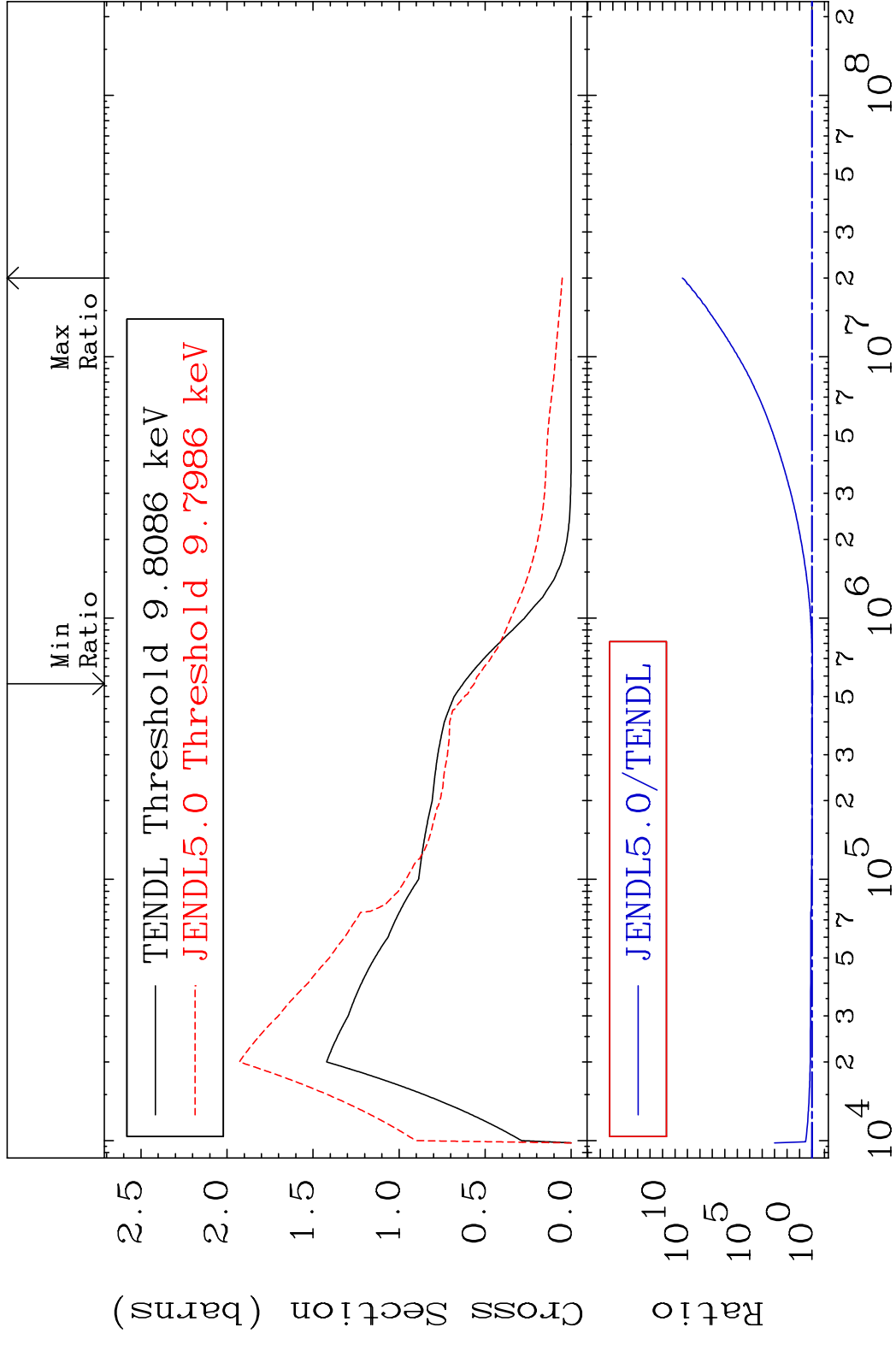
(n,2n) p

76-0s-187

Cross Section -100.0 To -16.02%

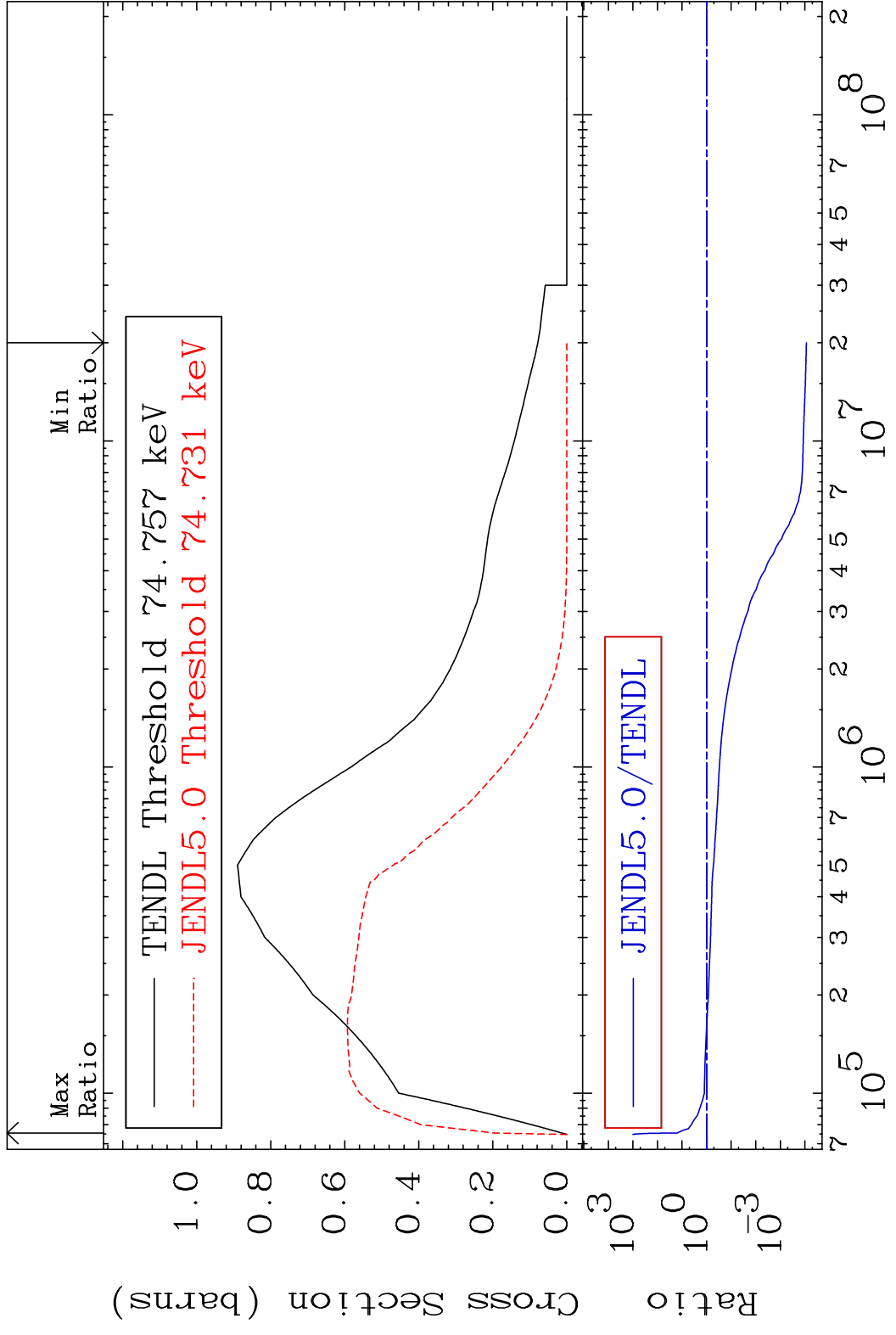


MAT 7634 MT= 51 (n, n') Level 76-0s-187
 Cross Section -10.41 To 9999. %

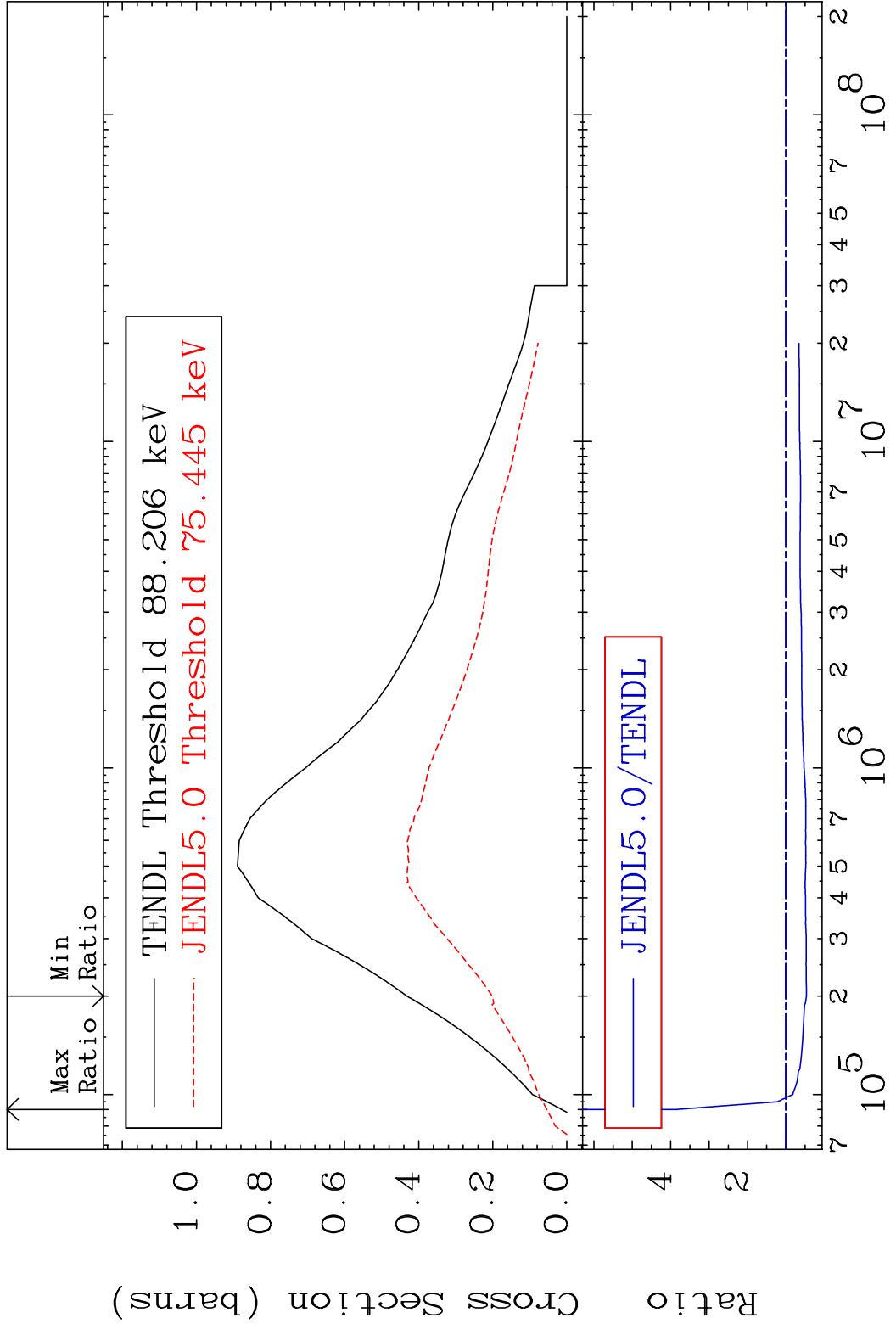


12 Incident Energy (eV) 76-0s-187

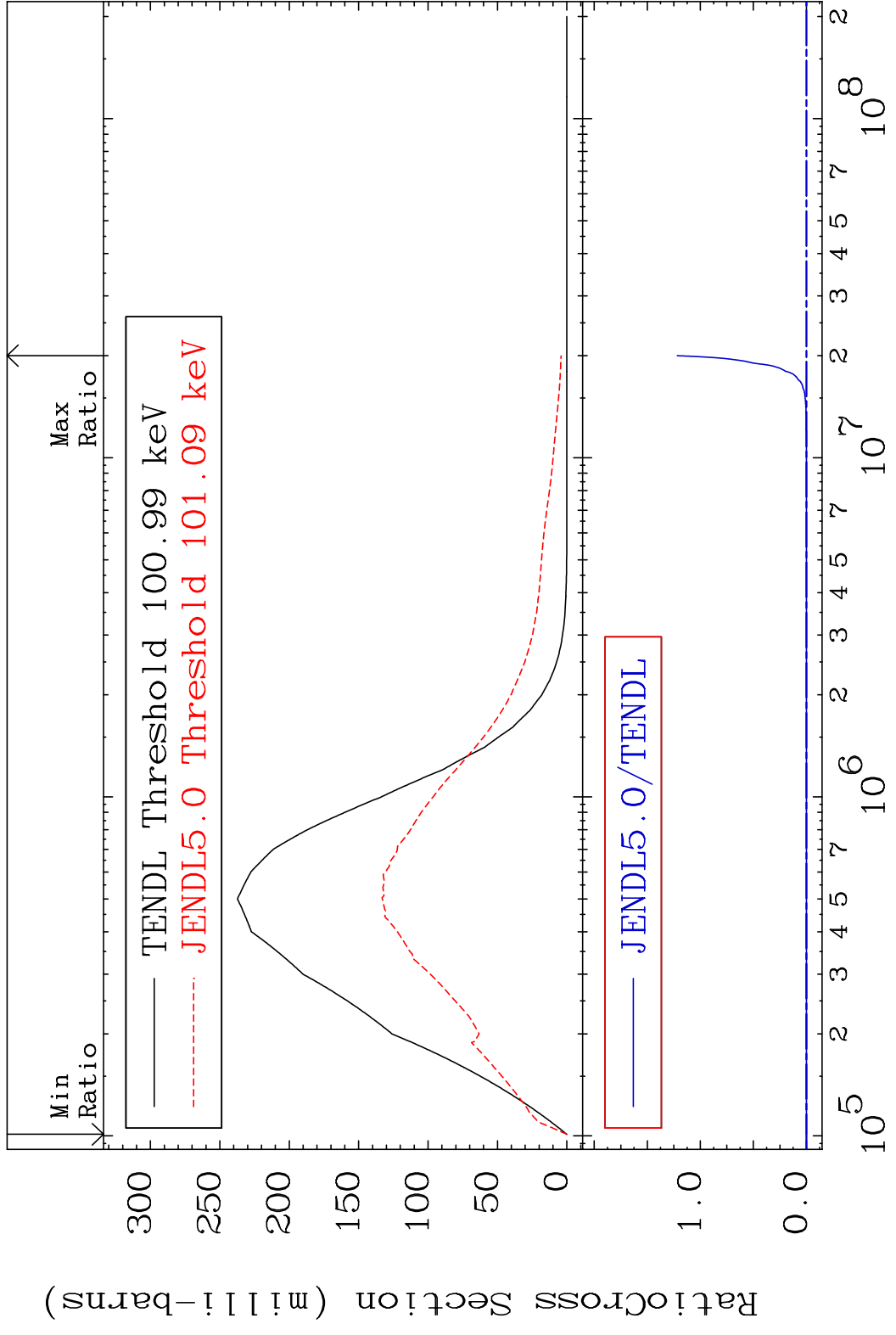
MAT 7634 MT= 52 (n,n') Level 76-0s-187
 Cross Section -99.99 To 1474. %



MAT 7634 MT= 53 (n,n') Level 76-0s-187
 Cross Section -53.33 To 283.1 %

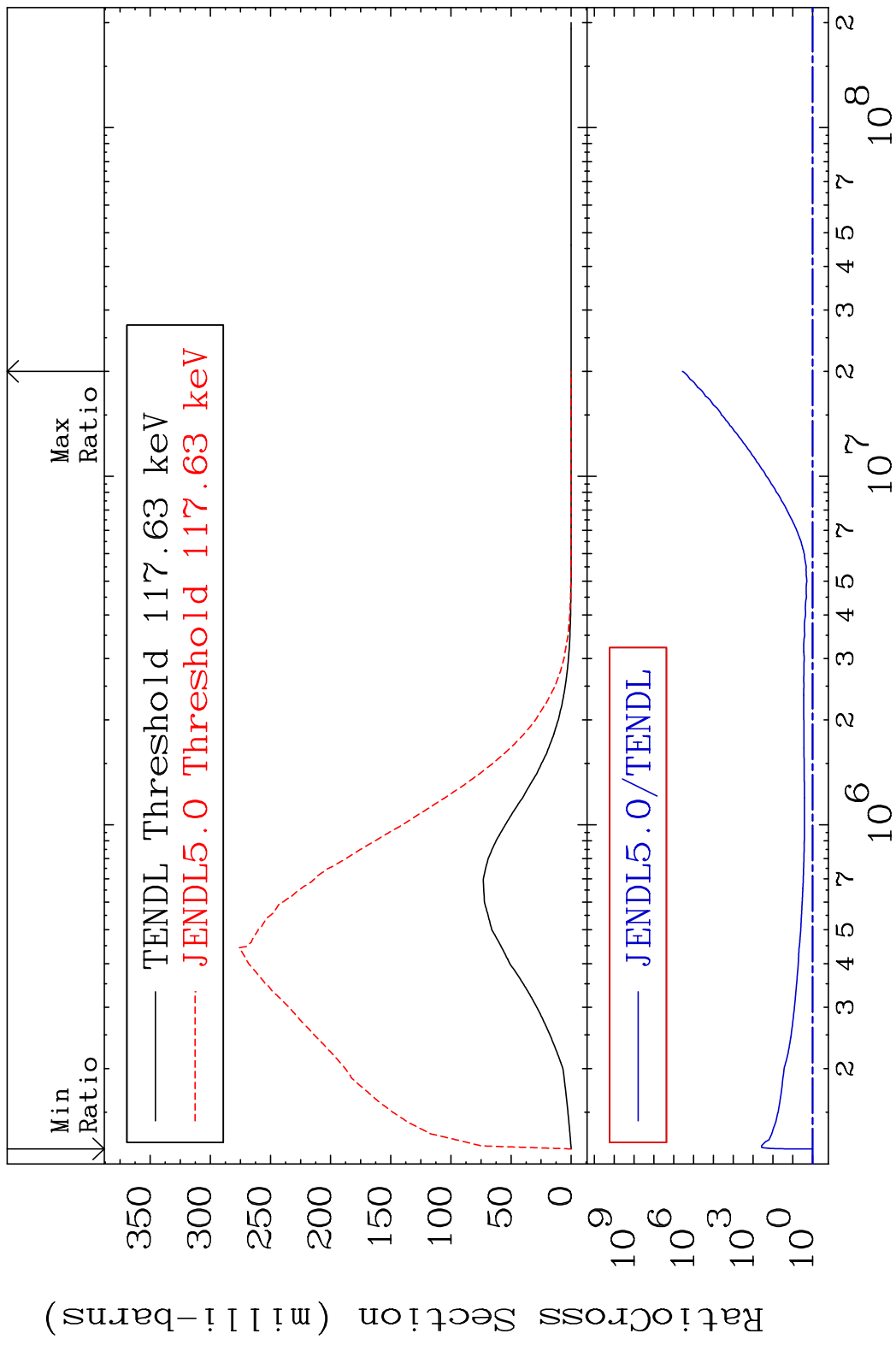


MAT 7634 MT= 54 (n,n') Level 76-0s-187
 Cross Section -100.0 To 9999. %

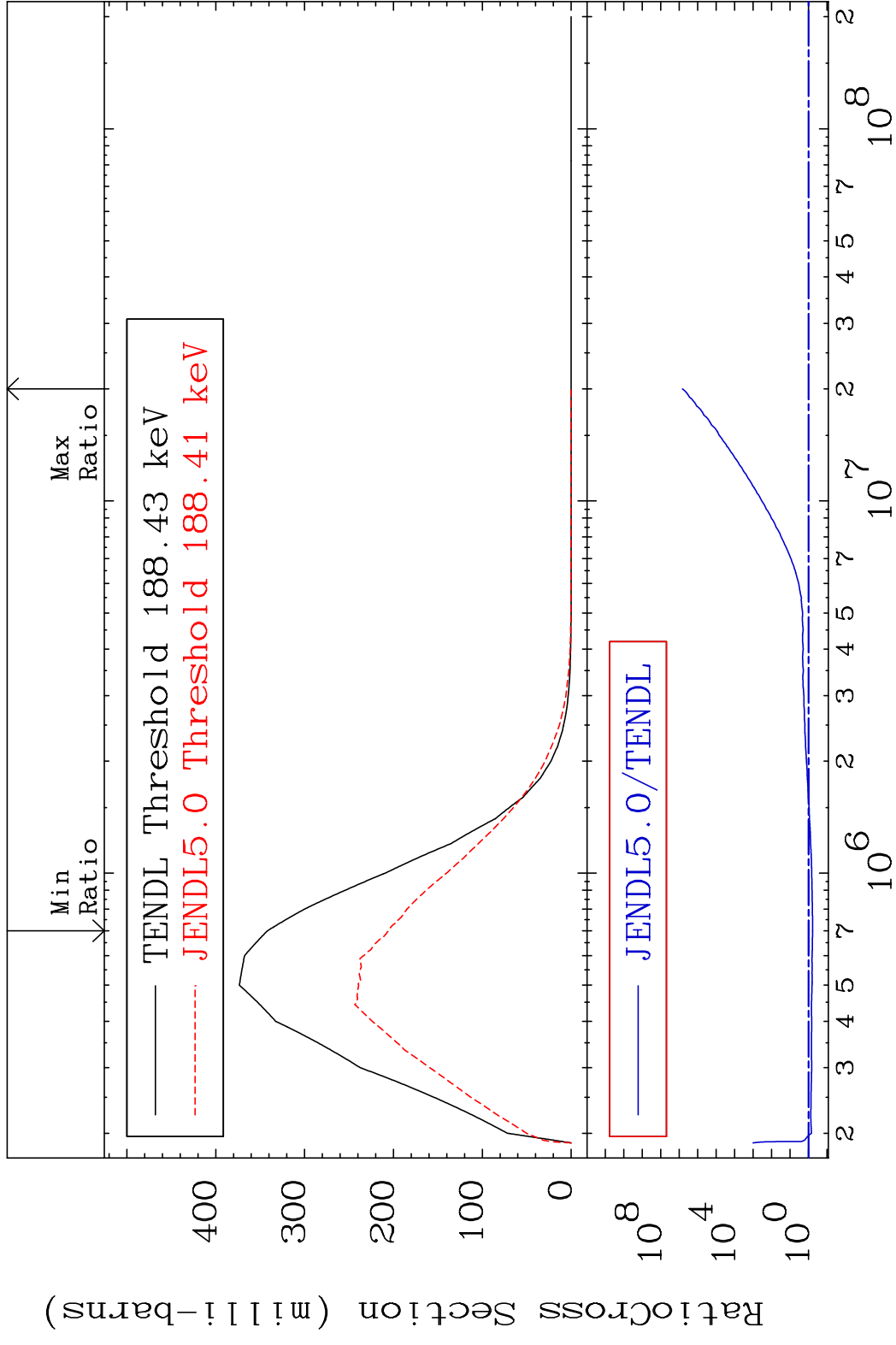


15 76-0s-187

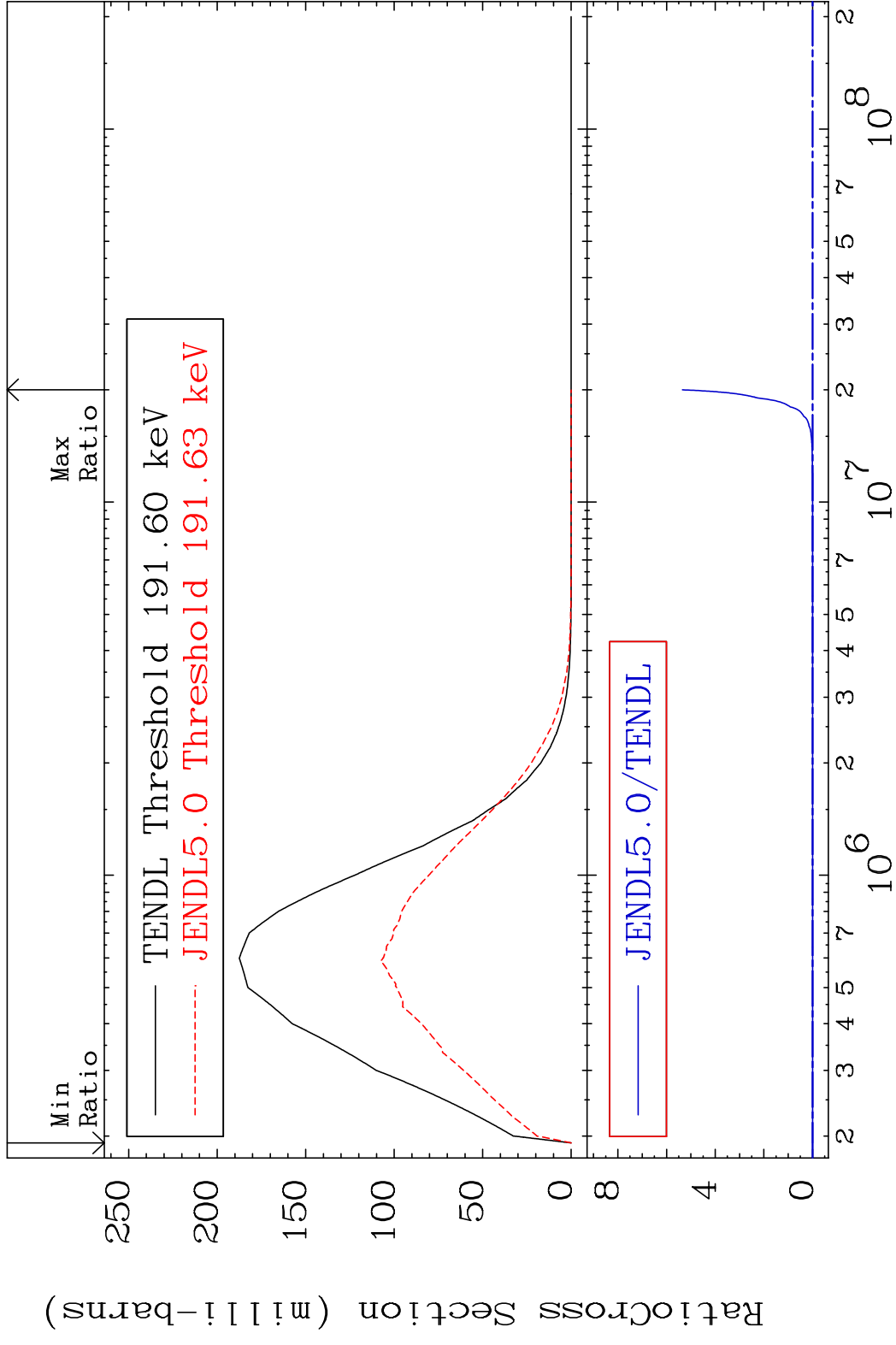
MAT 7634 MT= 55 (n,n') Level 76-0s-187
 Cross Section 0.000 To 9999. %



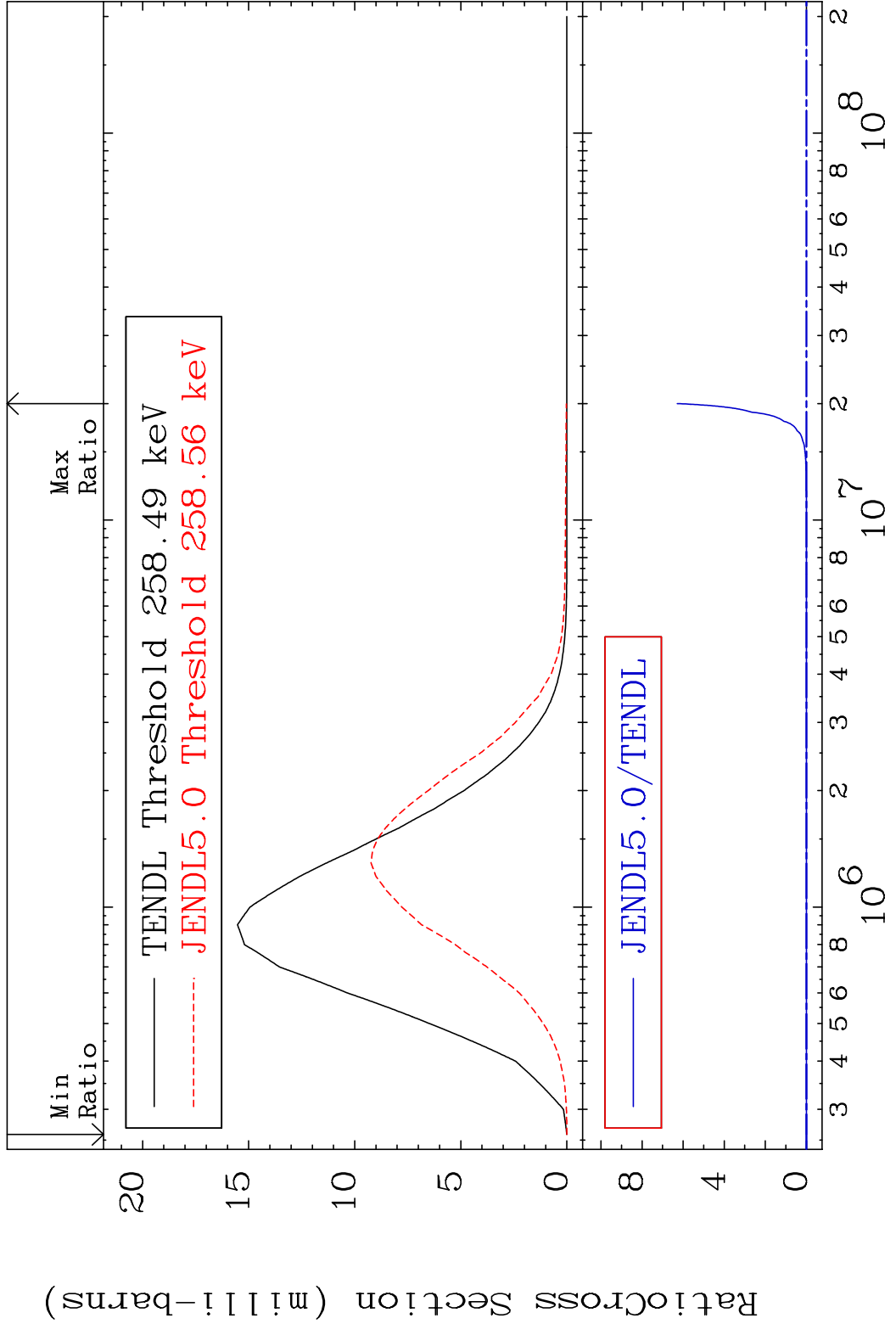
MAT 7634 MT= 56 (n,n') Level 76-0s-187
 Cross Section -39.81 To 9999. %



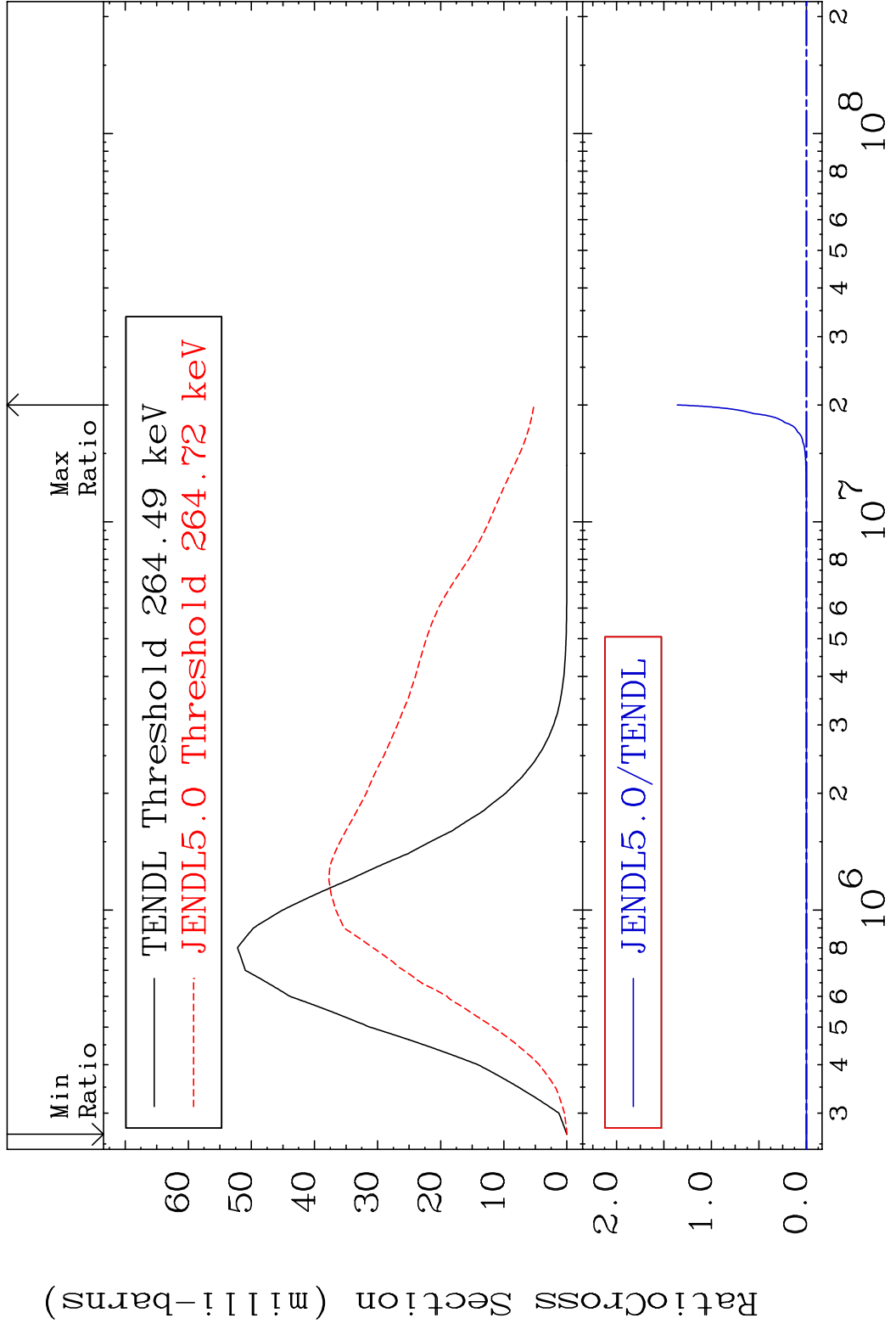
MAT 7634 MT= 57 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



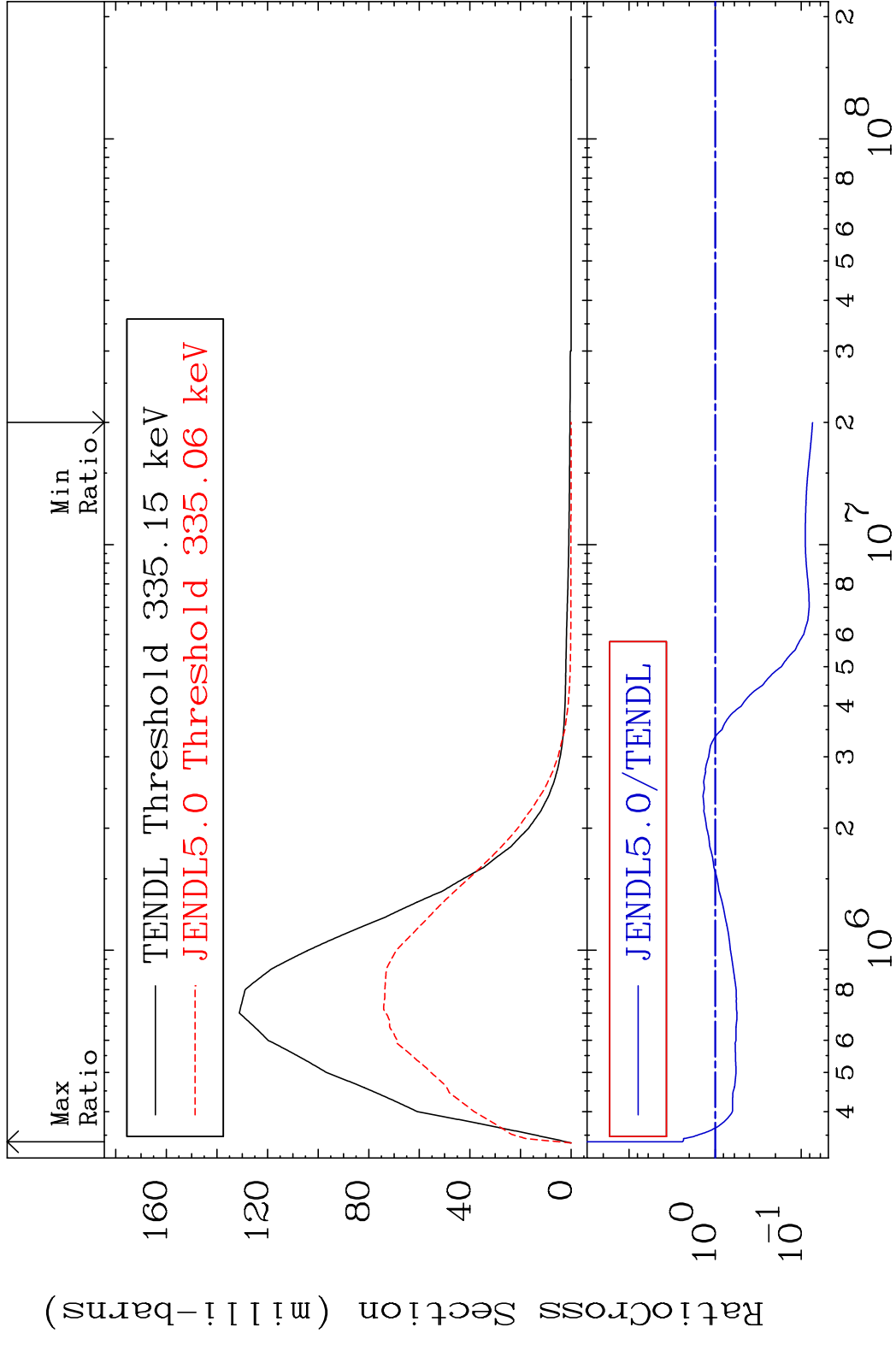
MAT 7634 MT= 58 (n,n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



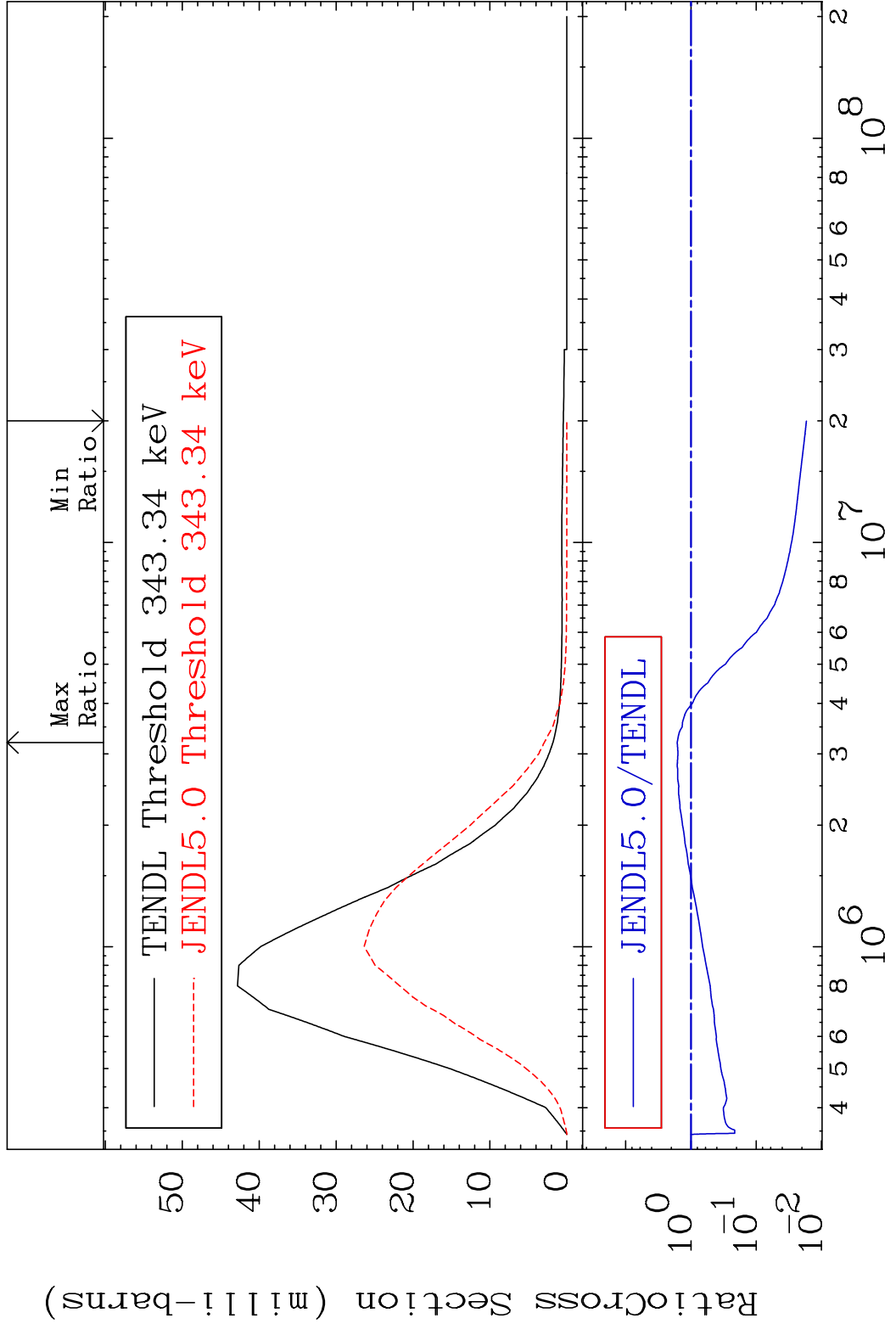
MAT 7634 MT= 59 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



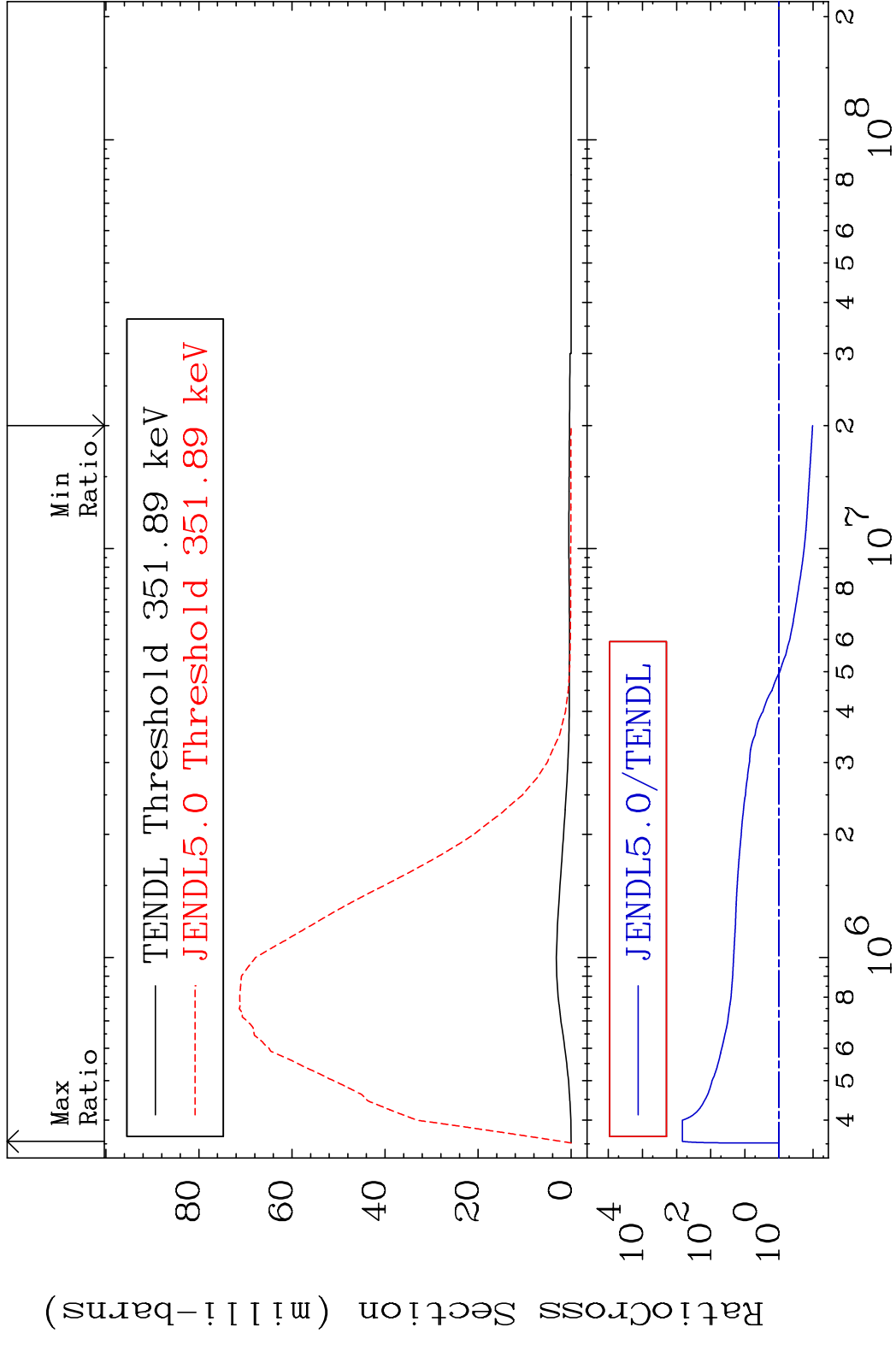
MAT 7634 MT= 60 (n,n') Level 76-0s-187
 Cross Section -92.60 To 140.7 %



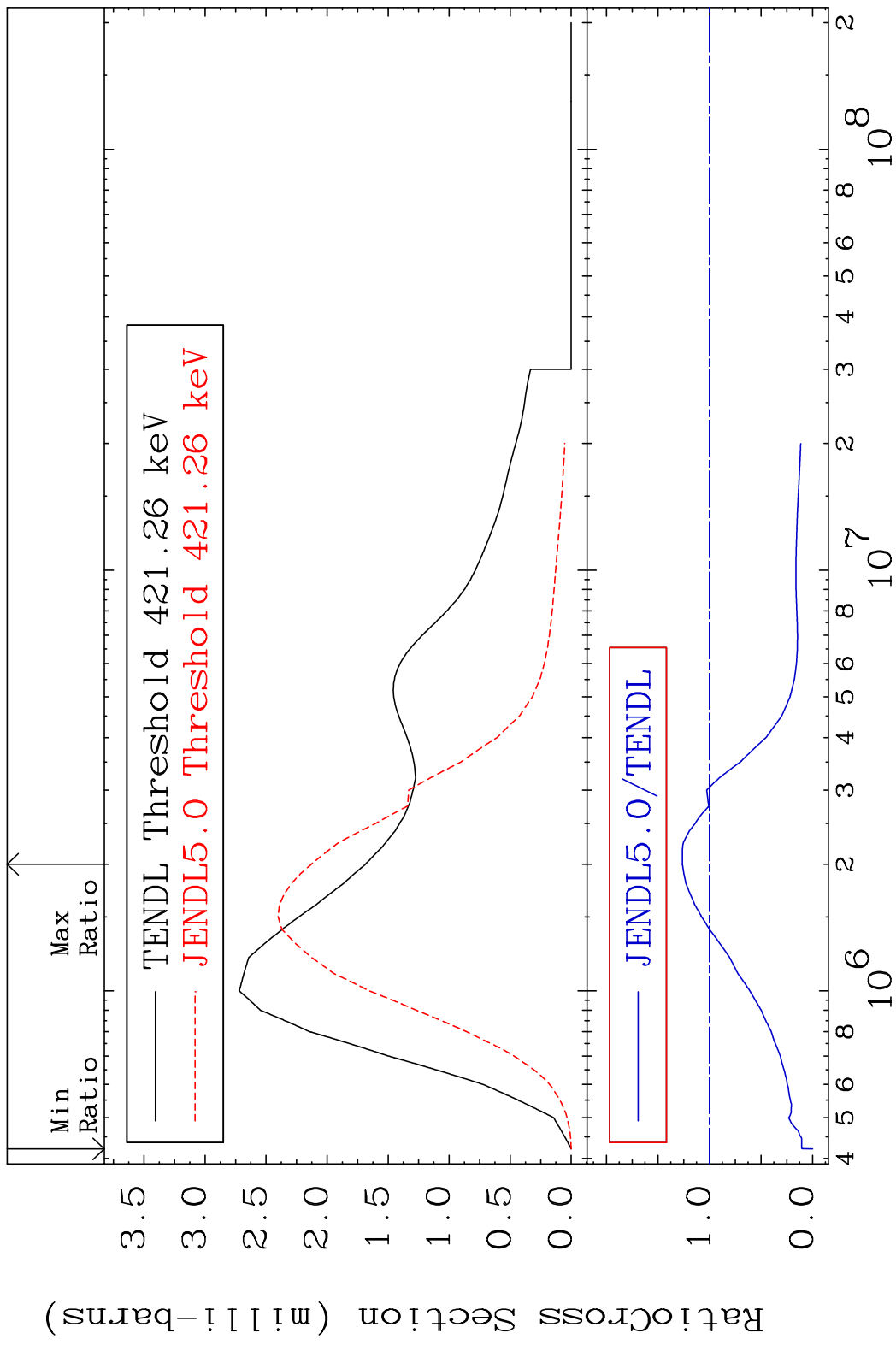
MAT 7634 MT= 61 (n, n') Level 76-0s-187
 Cross Section -98.30 To 62.48 %



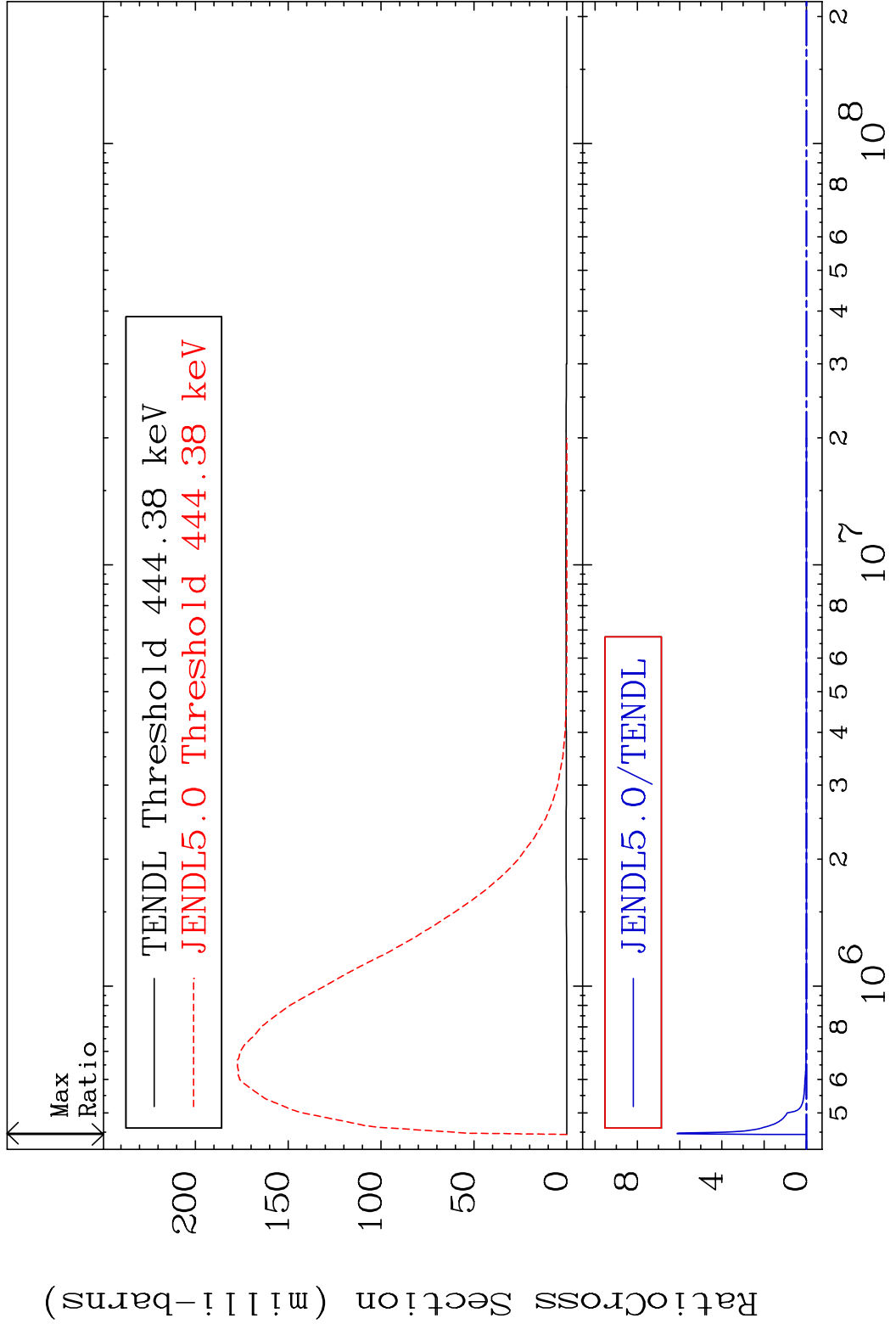
MAT 7634 MT= 62 (n,n') Level 76-0s-187
 Cross Section -89.65 To 9999. %



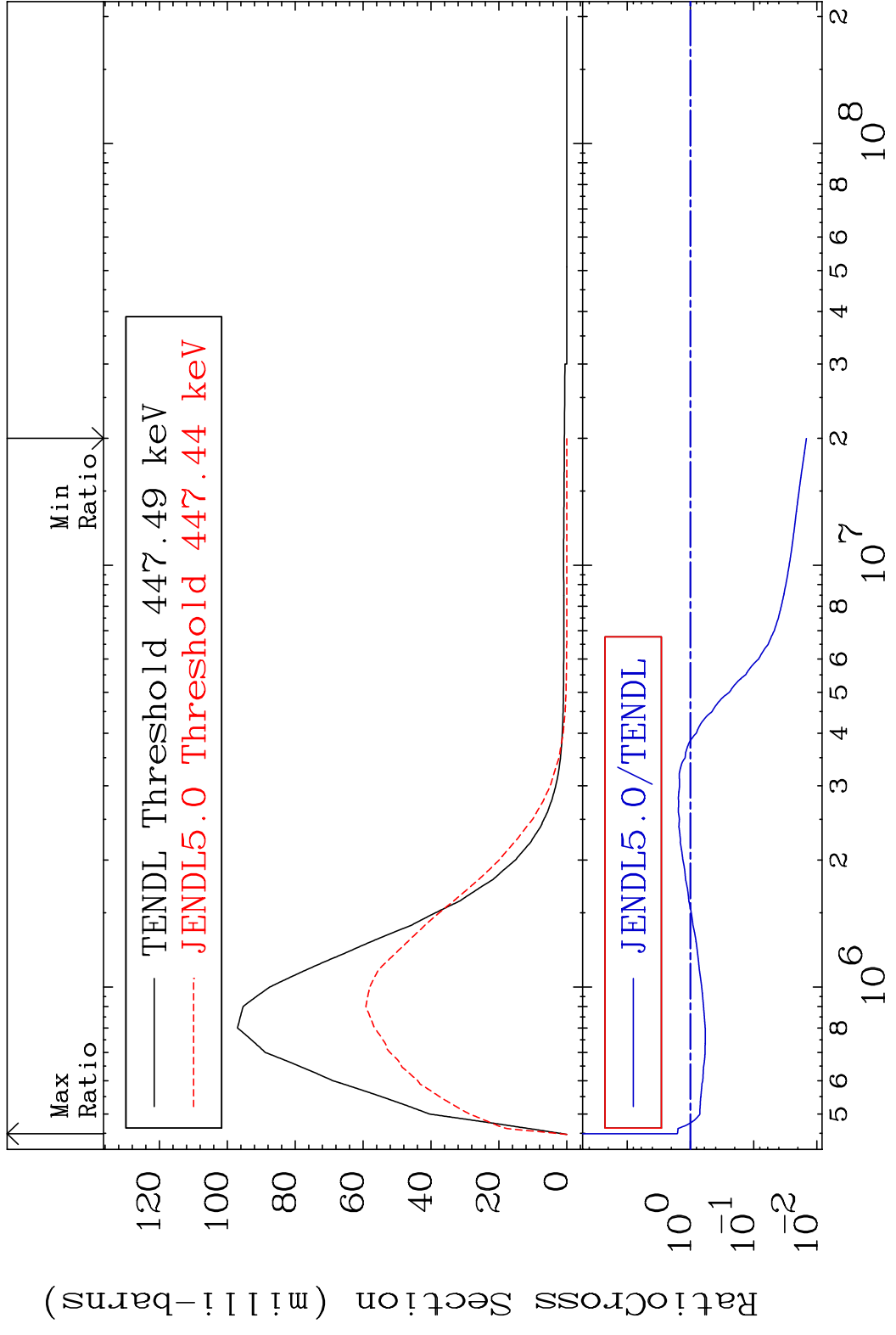
MAT 7634 MT= 63 (n, n') Level 76-0s-187
 Cross Section -100.0 To 26.33 %



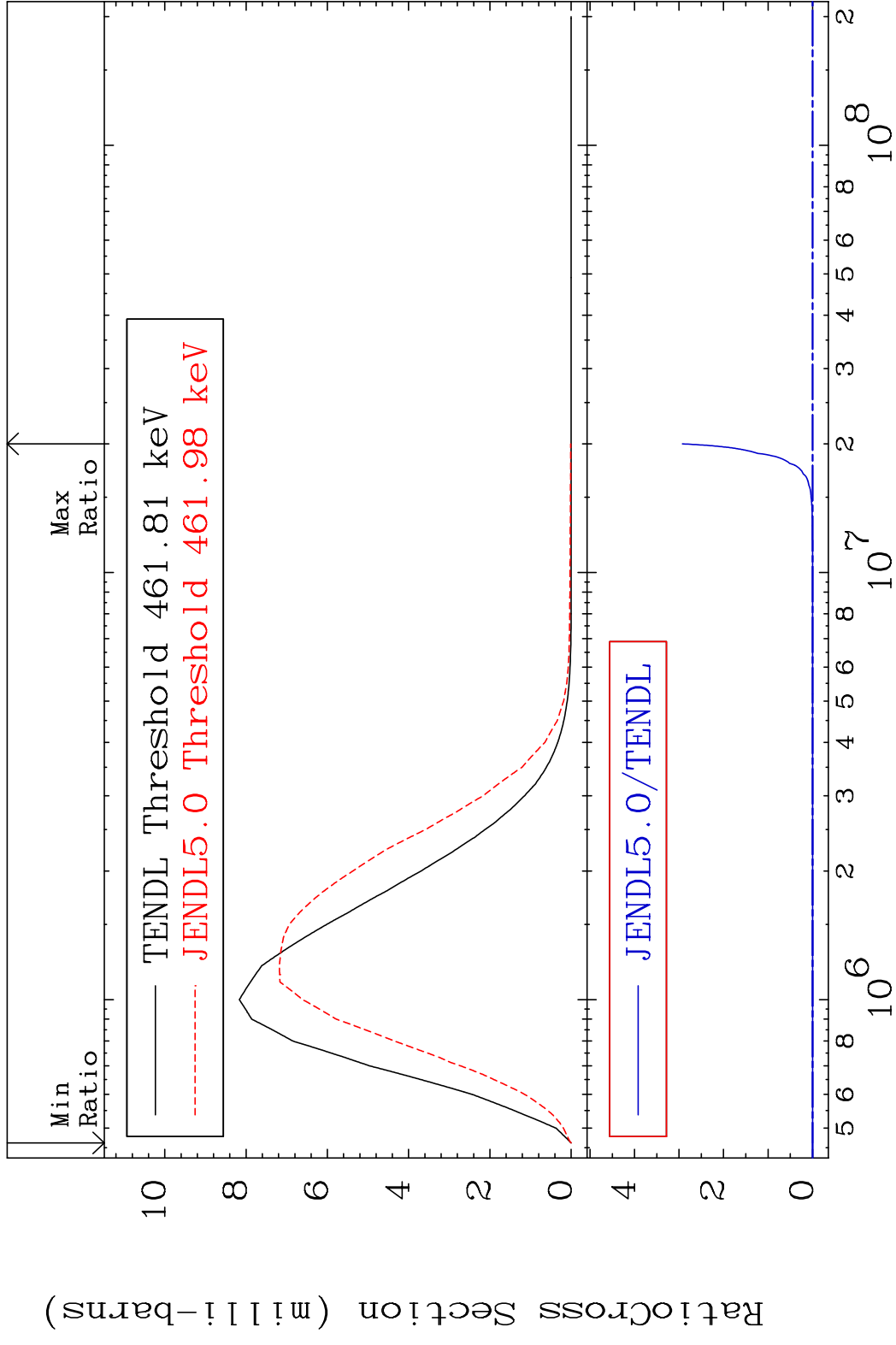
MAT 7634 MT= 64 (n,n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



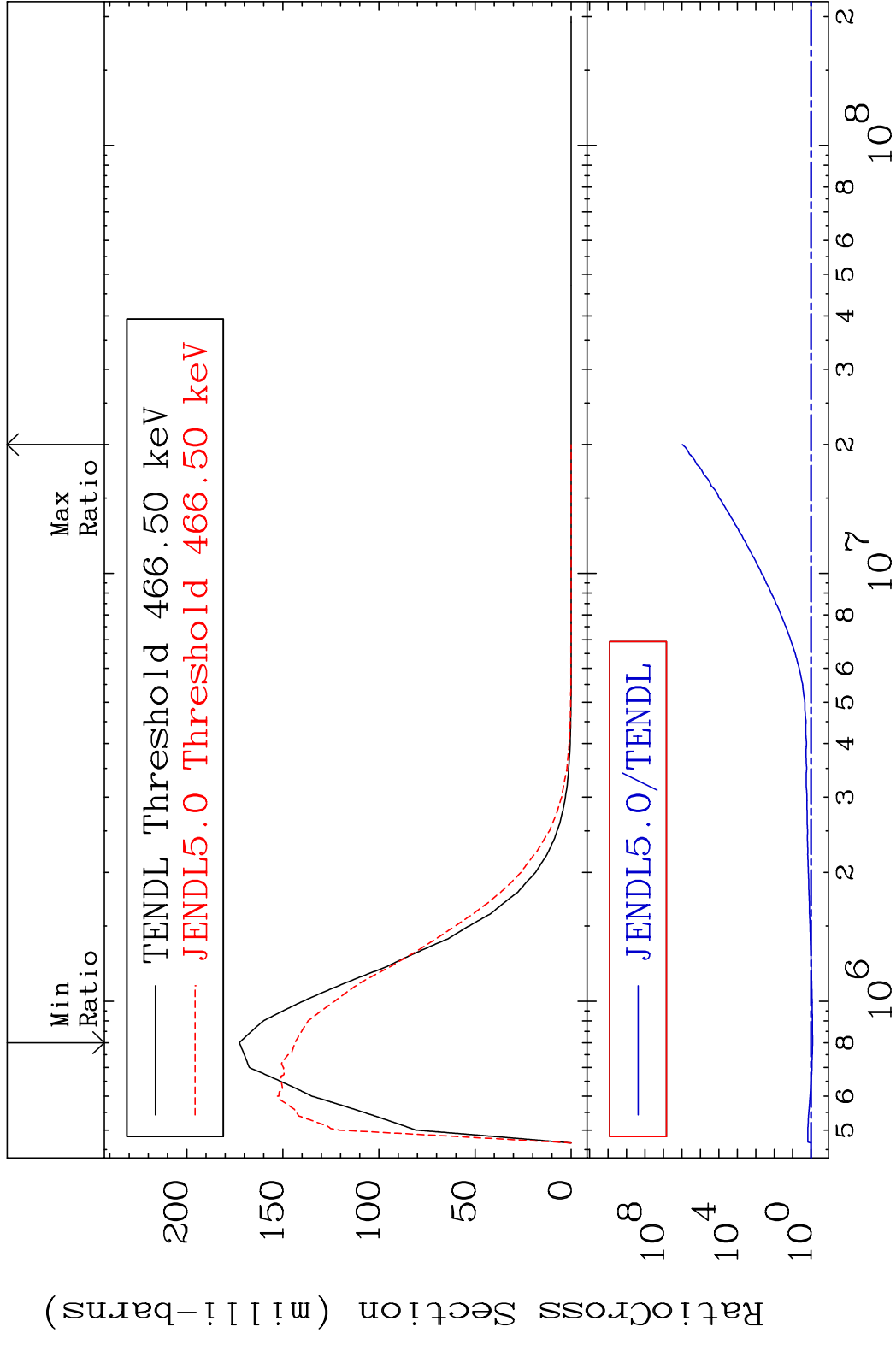
MAT 7634 MT= 65 (n,n') Level 76-0s-187
 Cross Section -98.53 To 61.99 %



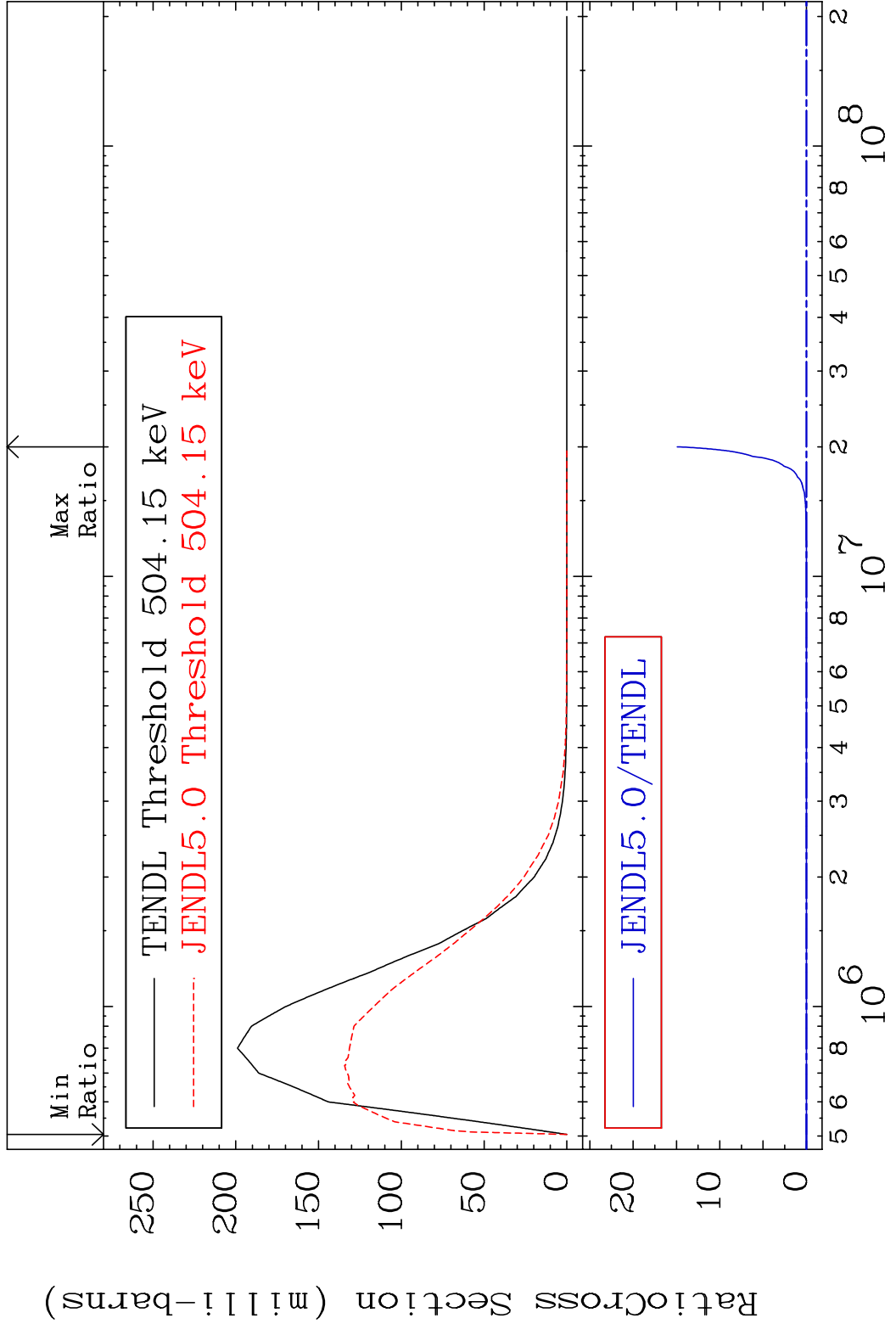
MAT 7634 MT= 66 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



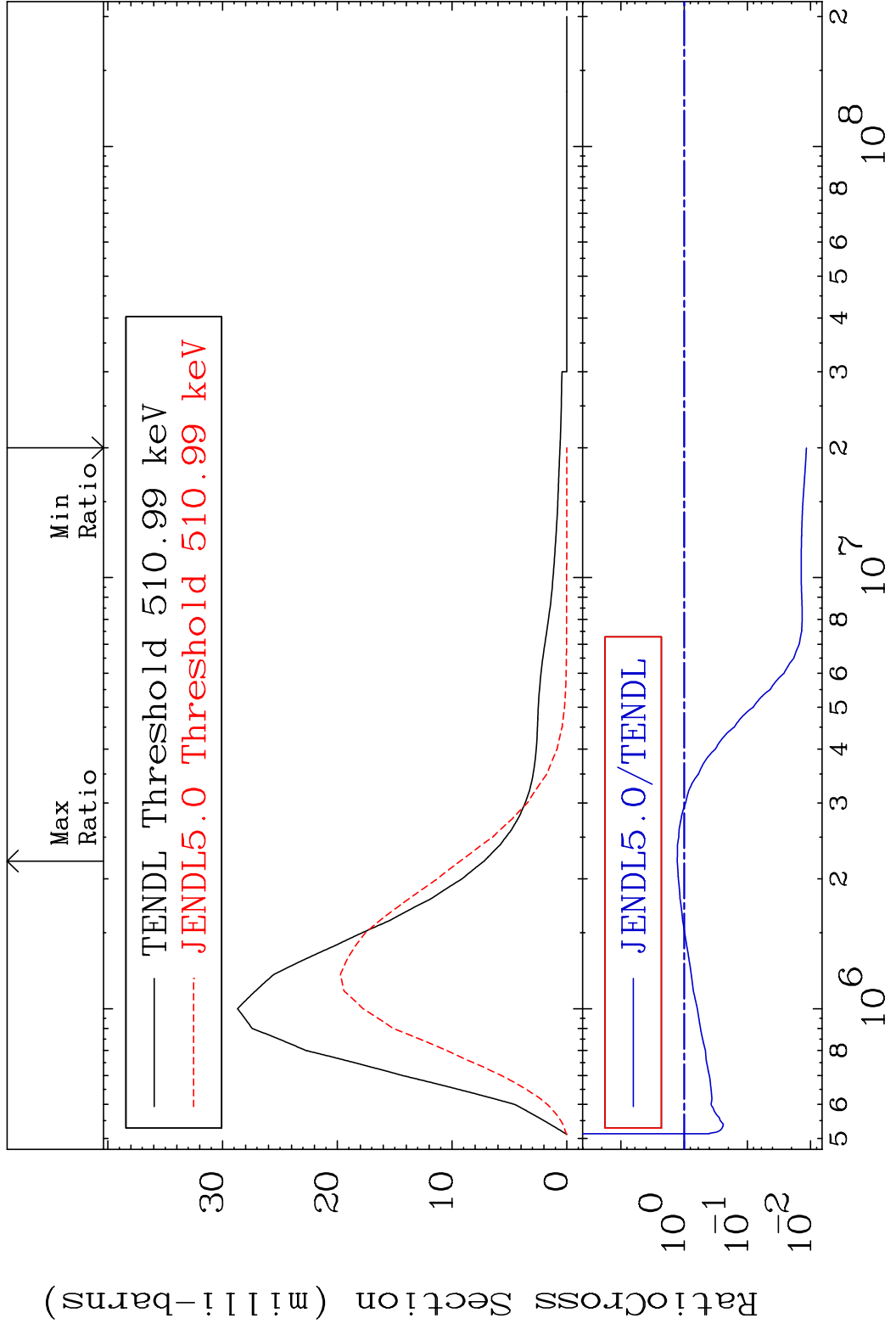
MAT 7634 MT= 67 (n, n') Level 76-0s-187
 Cross Section -16.75 To 9999. %



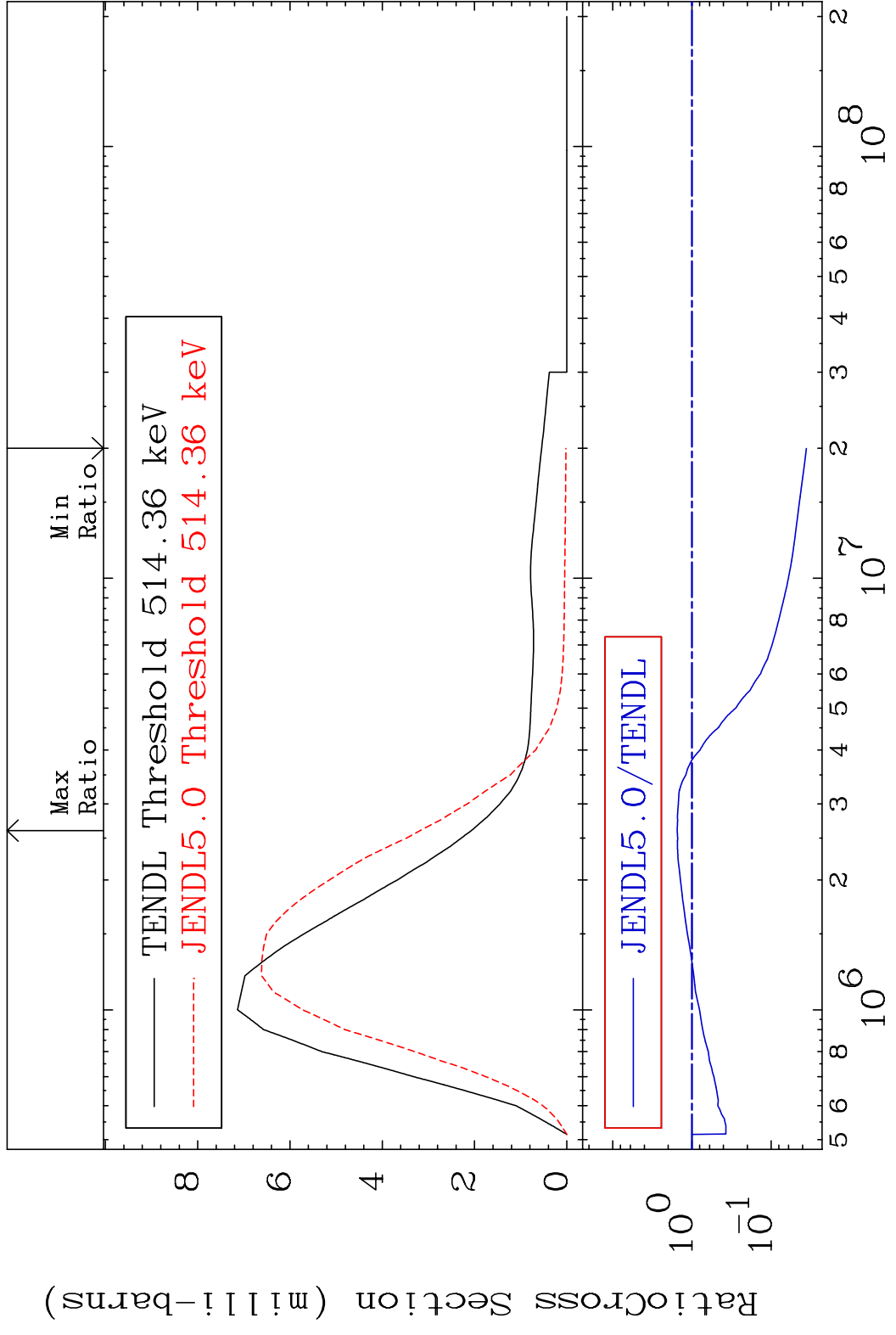
MAT 7634 MT= 68 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



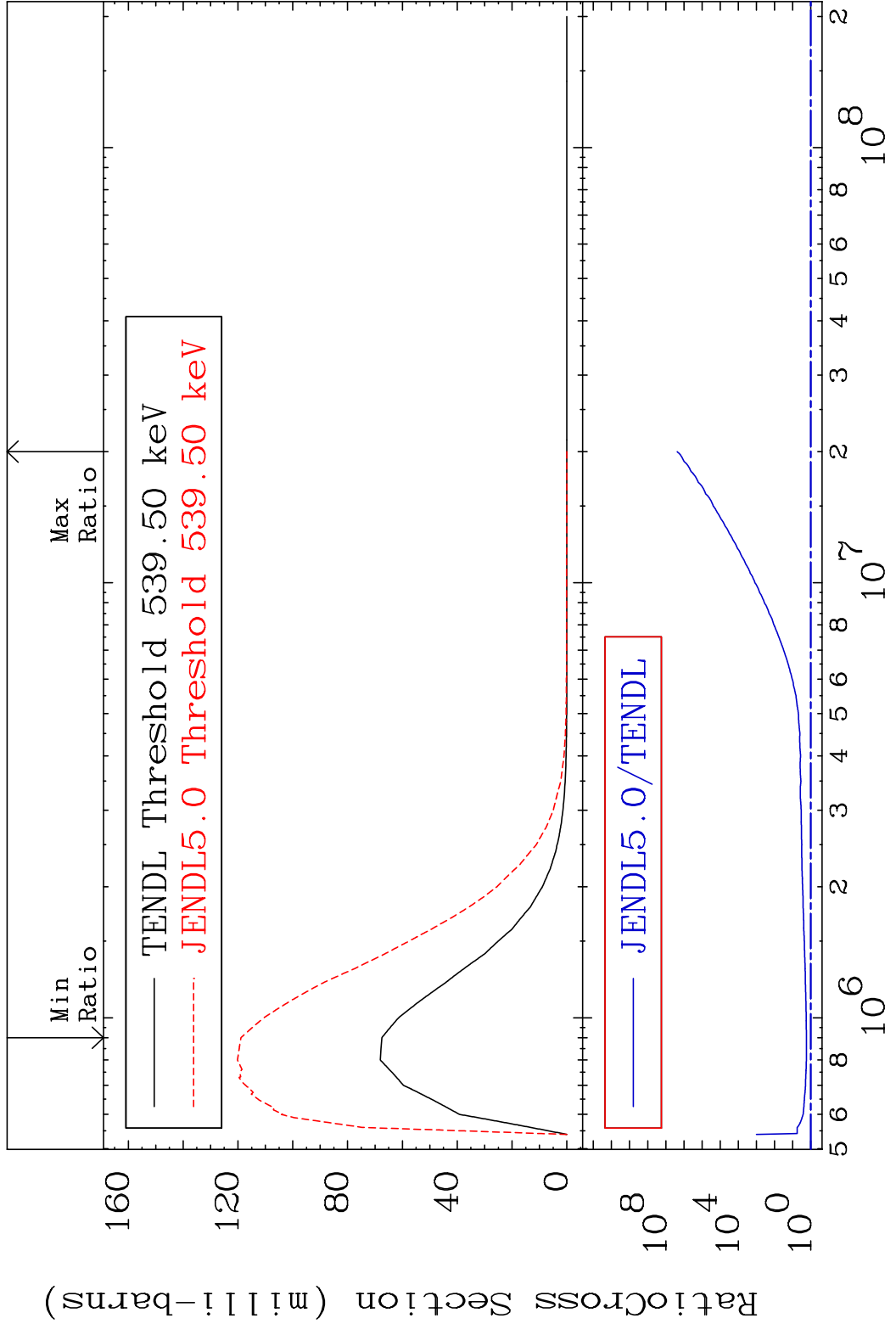
MAT 7634 MT= 69 (n, n') Level 76-0s-187
 Cross Section -98.84 To 28.93 %



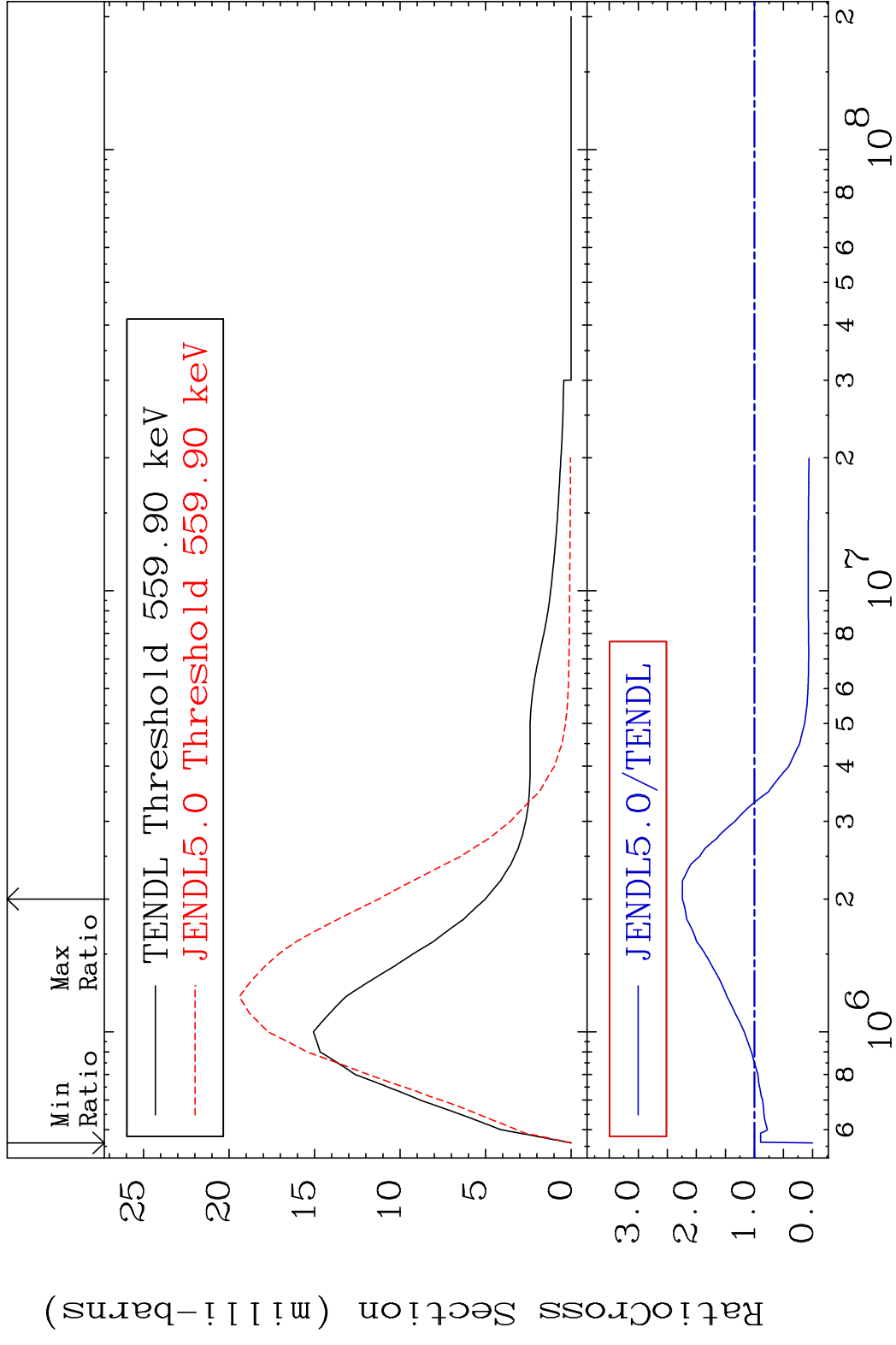
MAT 7634 MT= 70 (n, n') Level 76-0s-187
 Cross Section -96.42 To 53.70 %



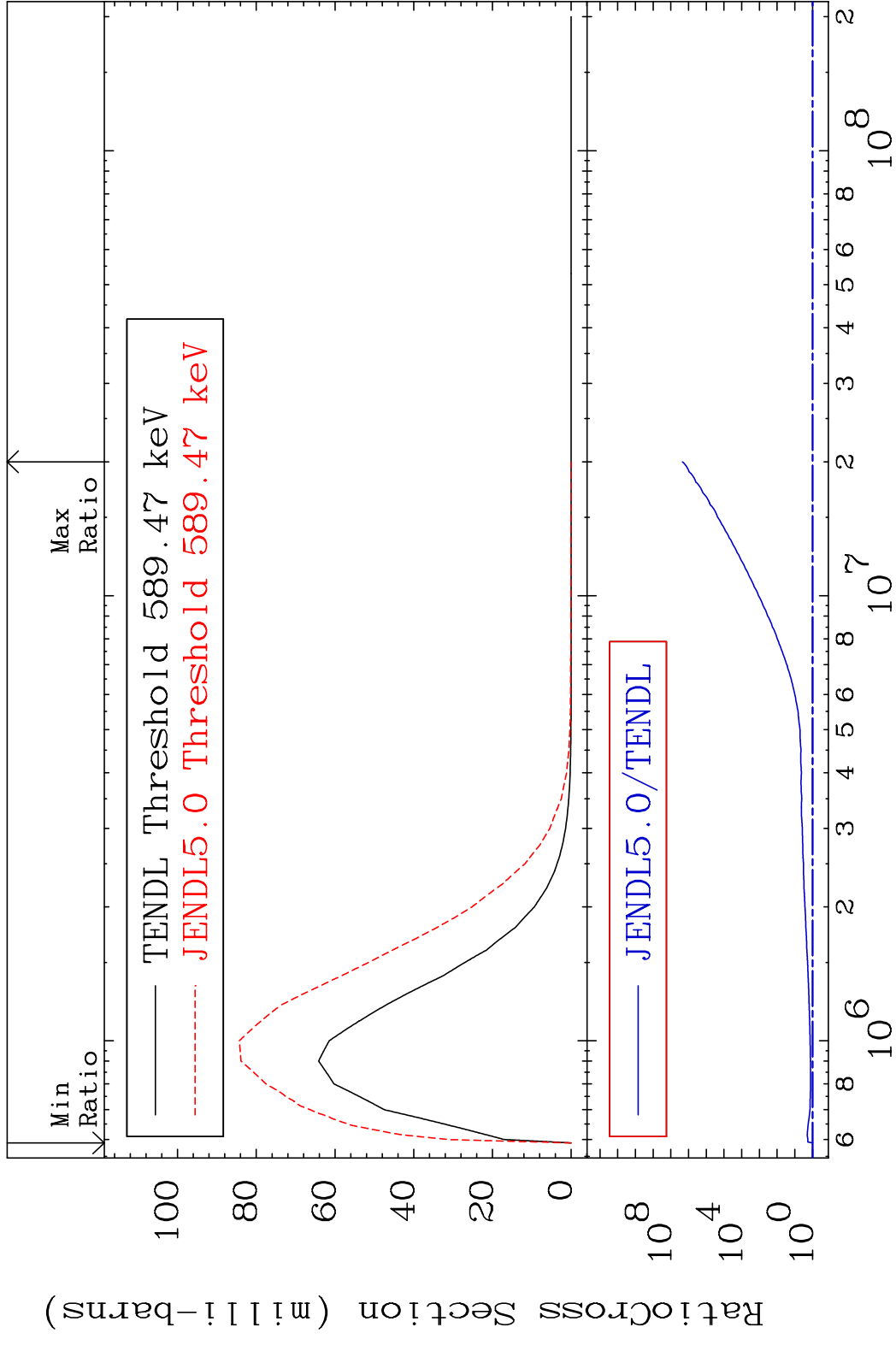
MAT 7634 MT= 71 (n, n') Level 76-0s-187
 Cross Section 76.15 To 9999. %



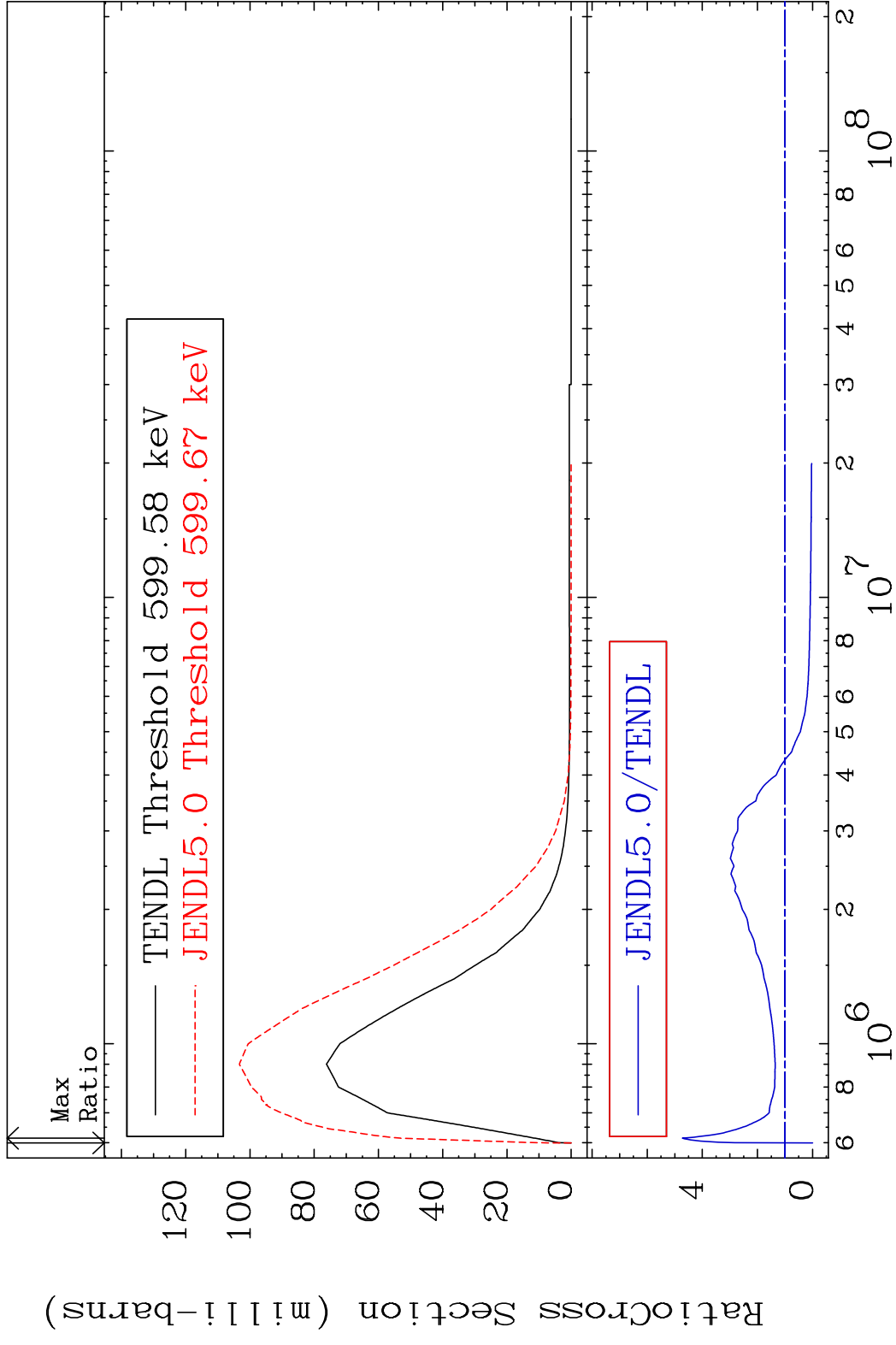
MAT 7634 MT= 72 (n,n') Level 76-0s-187
 Cross Section -100.0 To 124.1 %



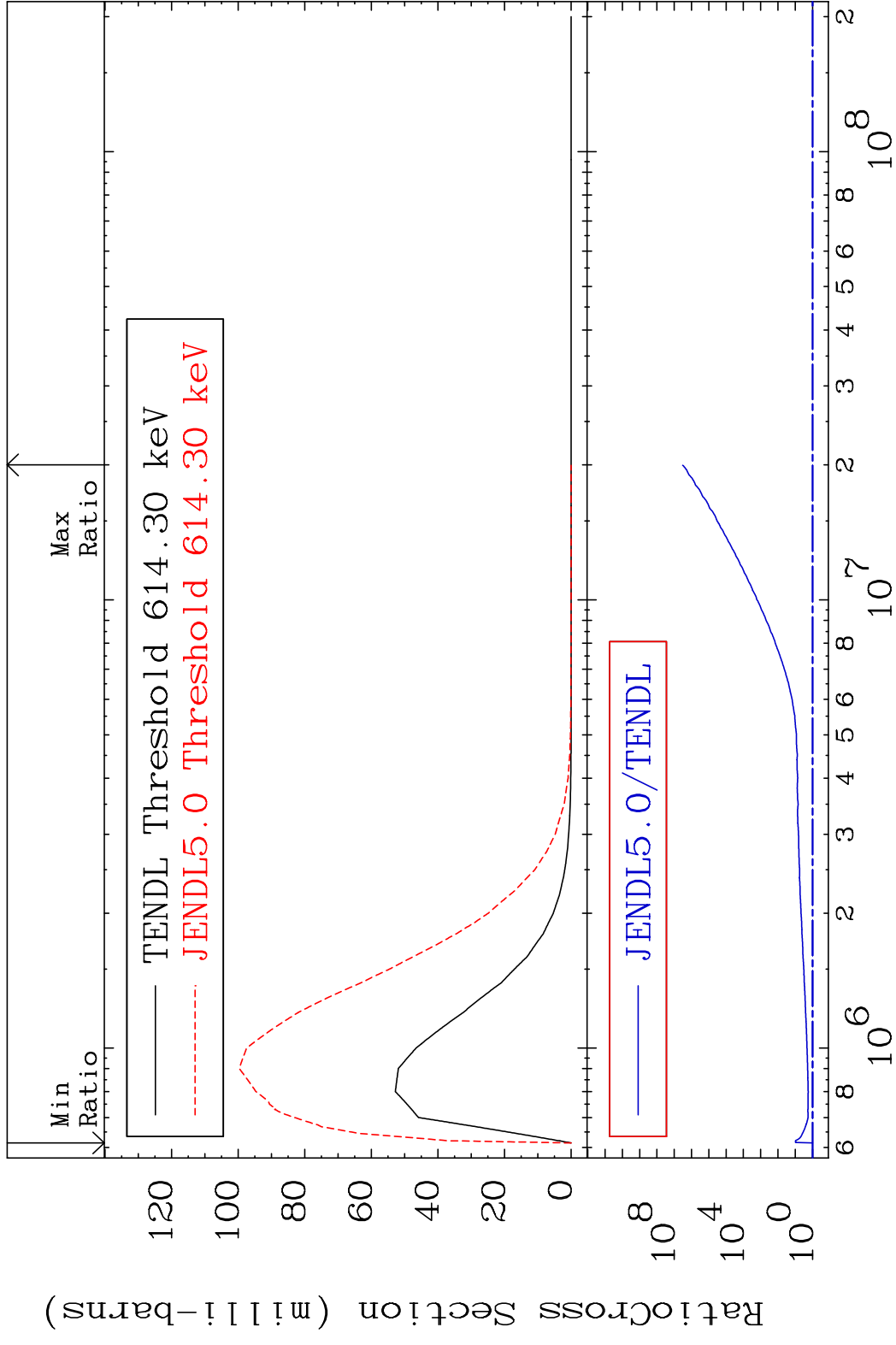
MAT 7634 MT= 73 (n, n') Level 76-0s-187
 Cross Section 0.000 To 9999. %



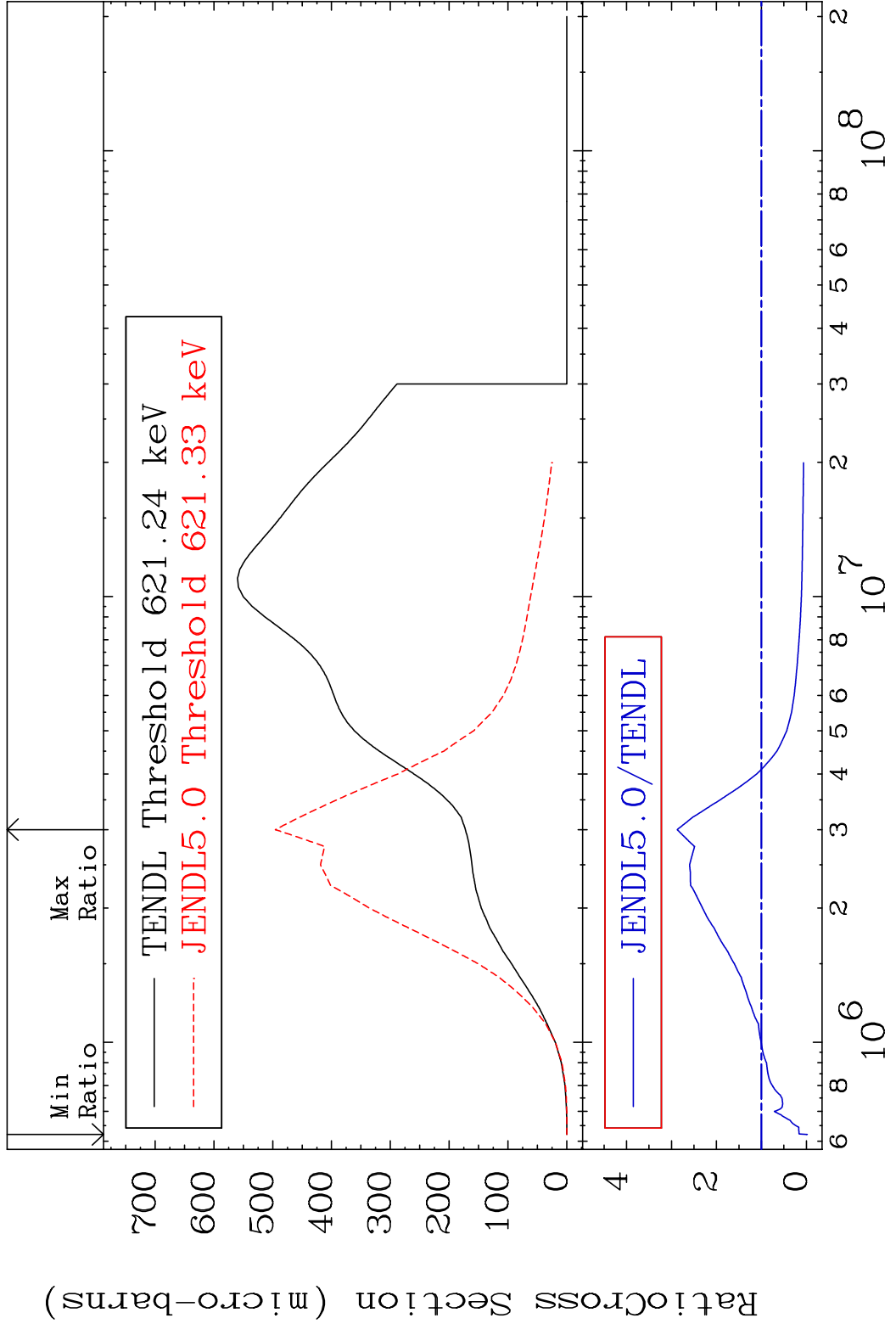
MAT 7634 MT= 74 (n,n') Level 76-0s-187
 Cross Section -100.0 To 372.5 %



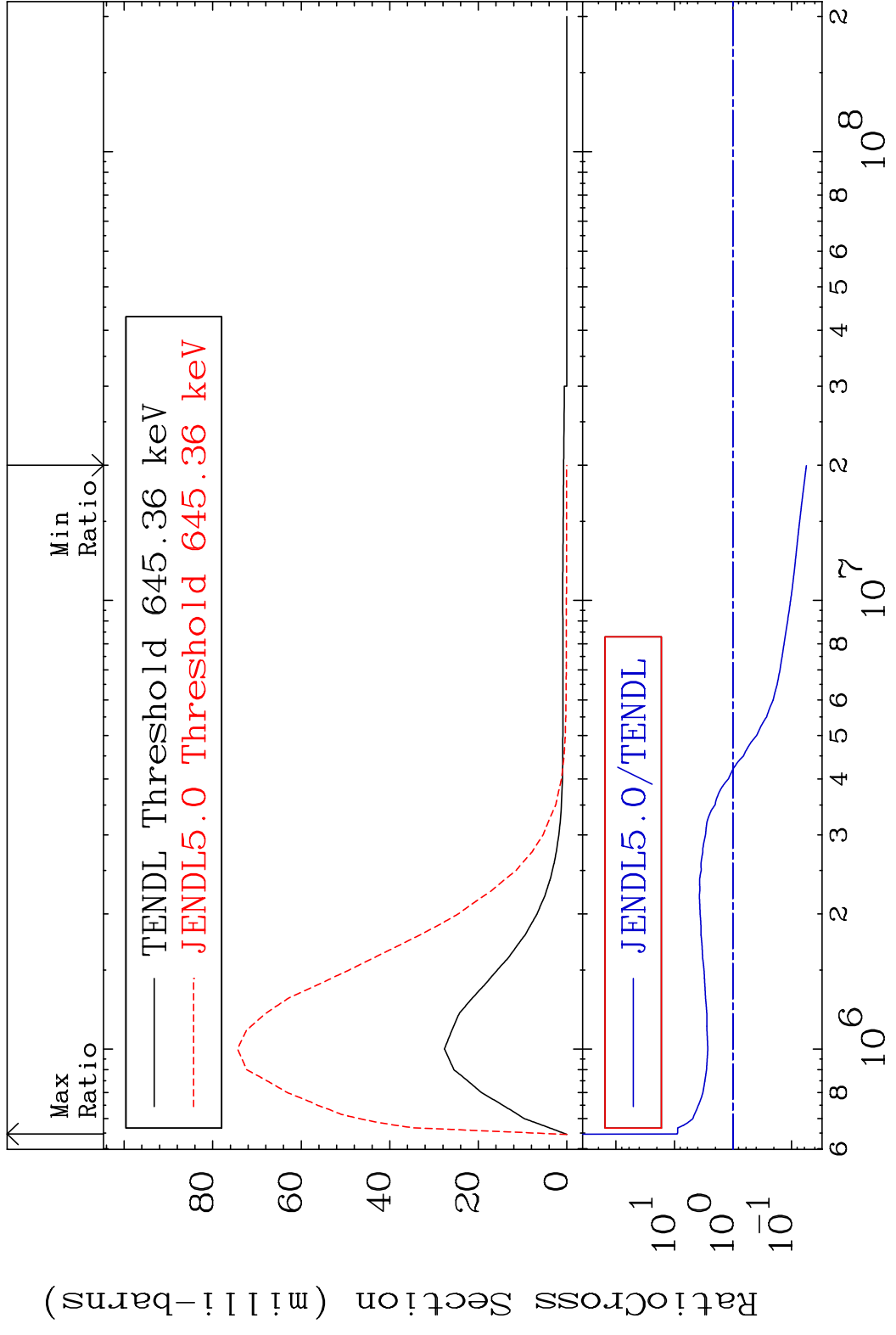
MAT 7634 MT= 75 (n, n') Level 76-0s-187
 Cross Section 0.000 To 9999. %



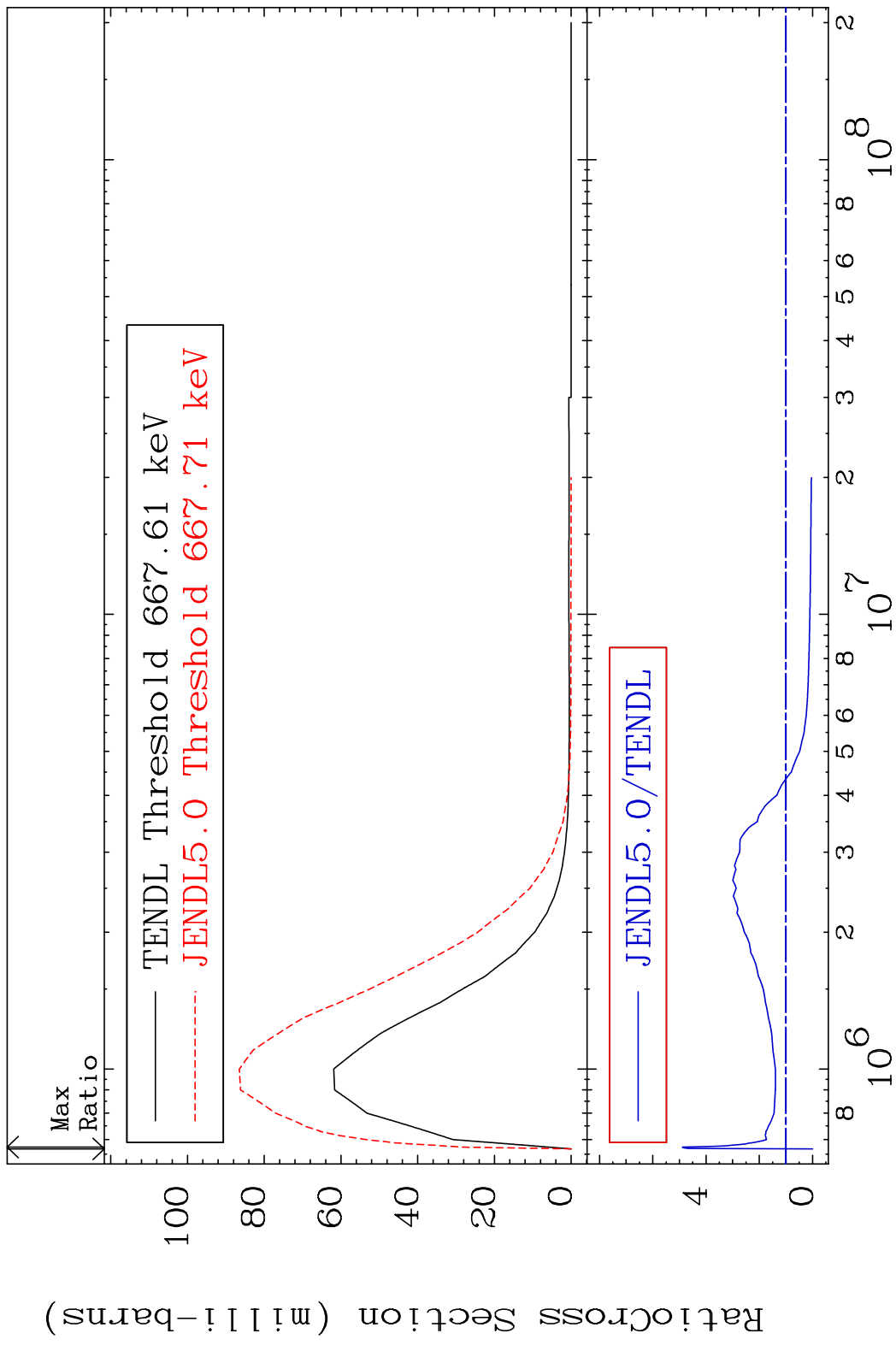
MAT 7634 MT= 76 (n, n') Level 76-0s-187
 Cross Section -100.0 To 187.3 %



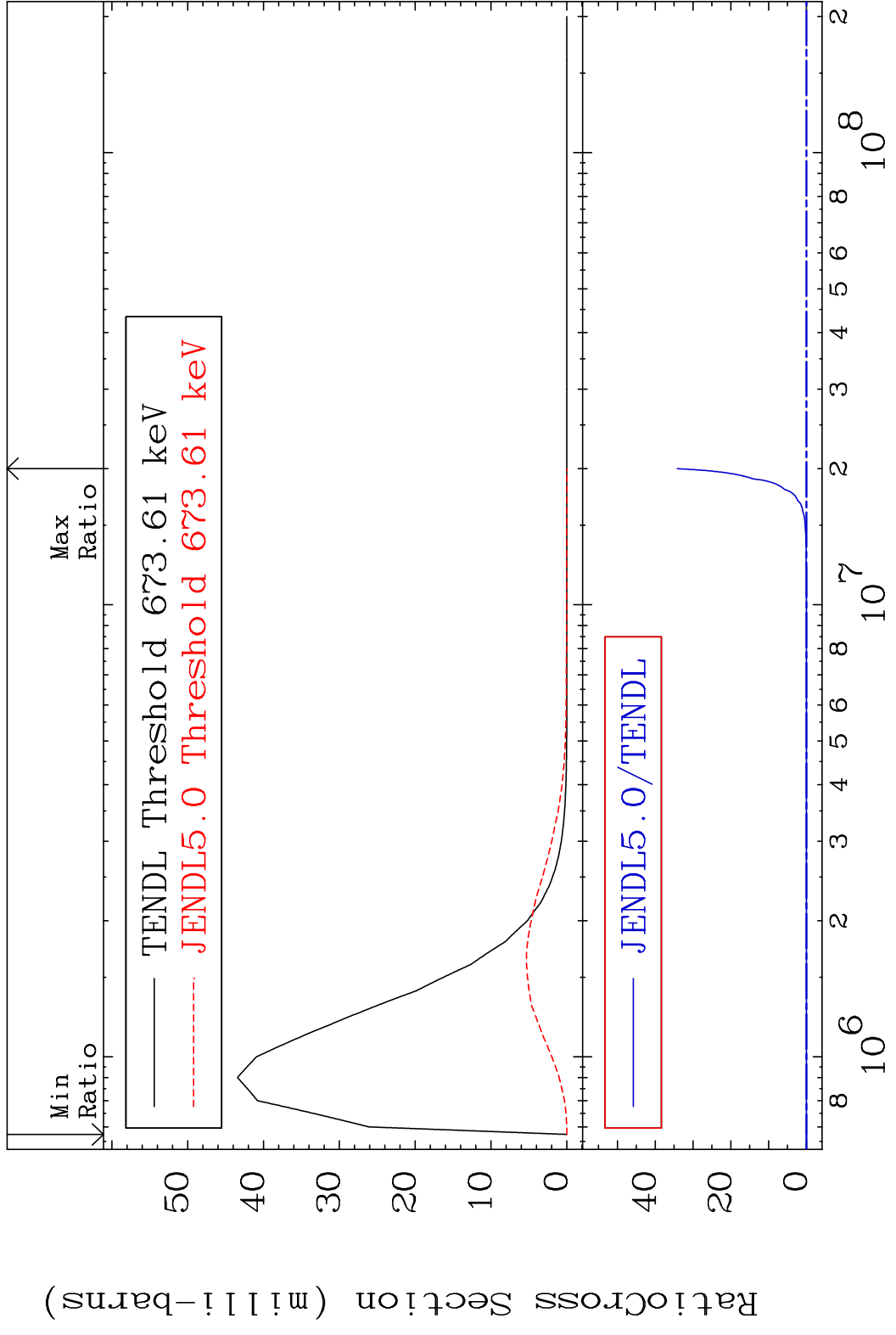
MAT 7634 MT= 77 (n, n') Level 76-0s-187
 Cross Section -94.45 To 798.8 %



MAT 7634 MT= 78 (n,n') Level 76-0s-187
 Cross Section -100.0 To 388.9 %



MAT 7634 MT= 79 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



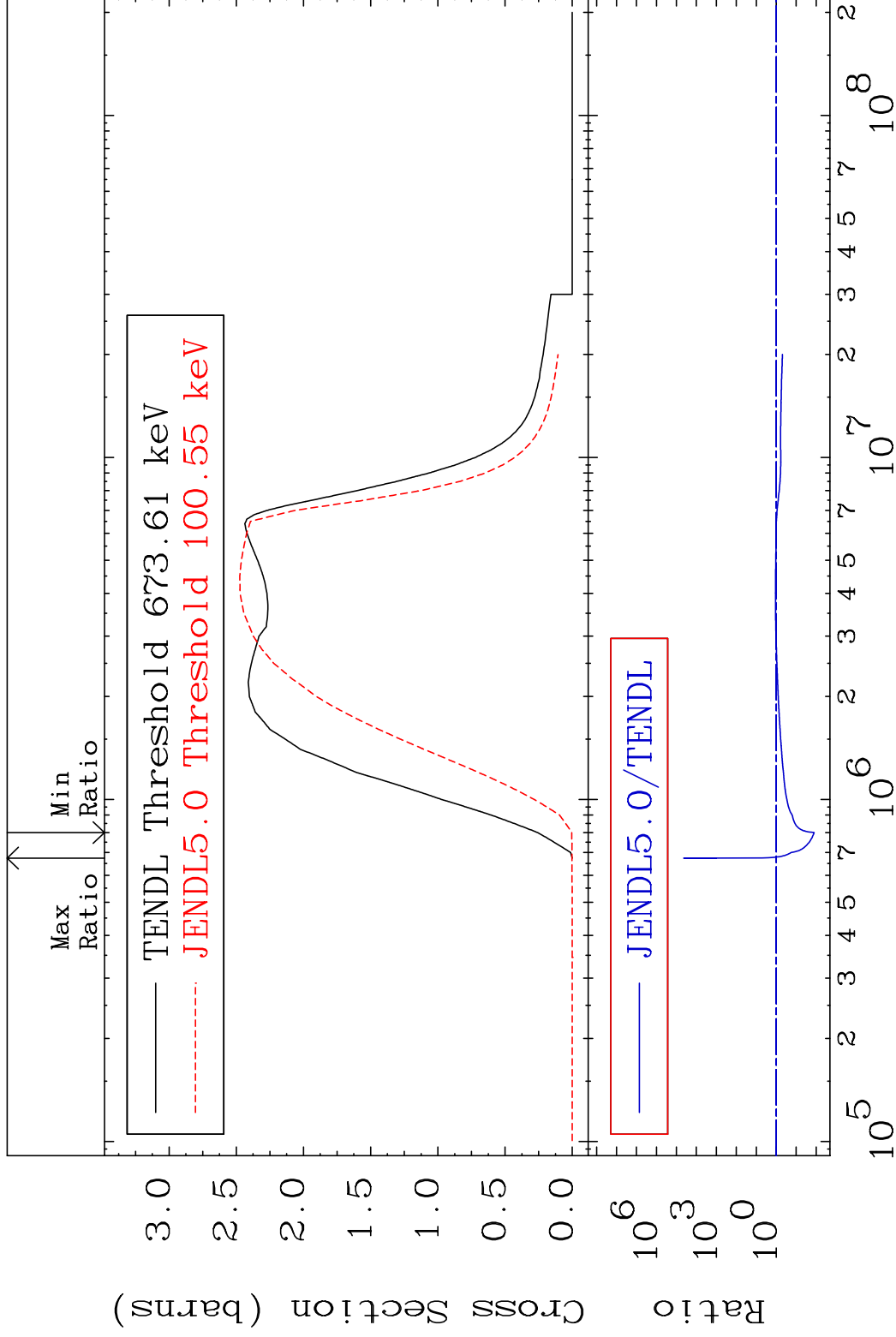
40 8 10⁶ 2 3 4 5 6 8 10⁸ 2 76-0s-187

MAT 7634

(n, n') Continuum

76-0s-187

Cross Section -98.74 To 9999. %



41

Incident Energy (eV)

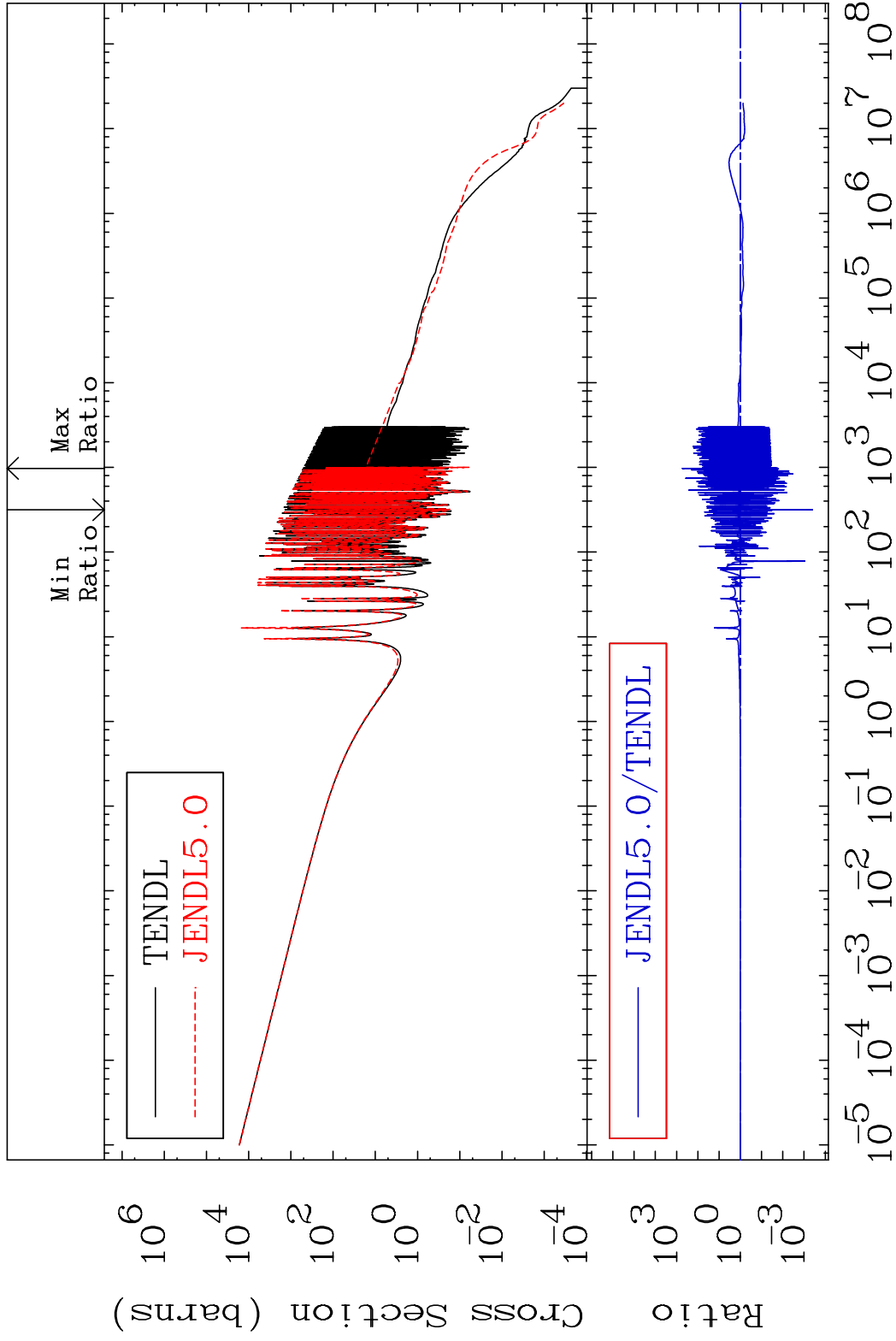
76-0s-187

MAT 7634

(n, γ)

76-0s-187

Cross Section -99.96 To 9999. %

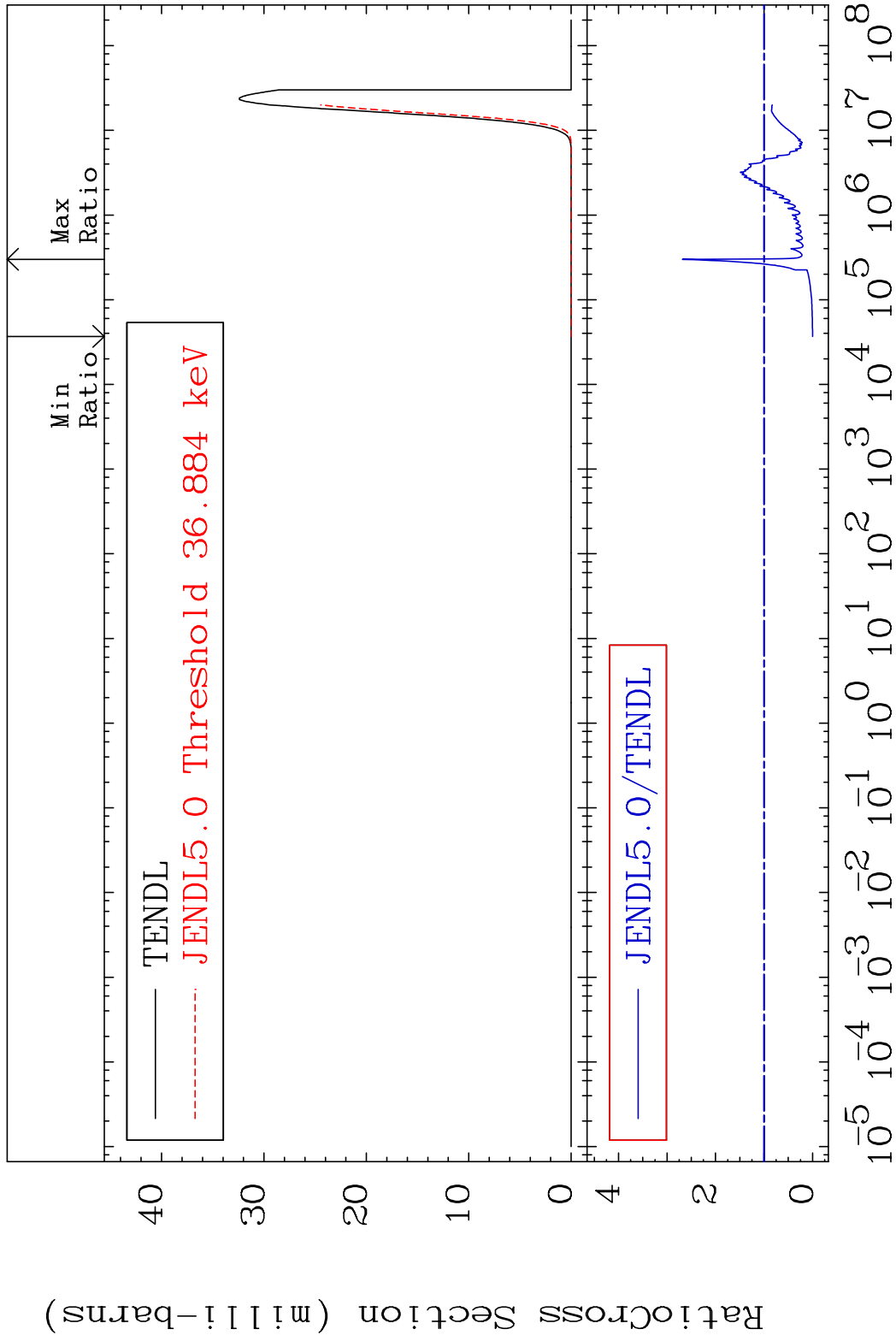


MAT 7634

(n, p)

76-Os-187

Cross Section -100.0 To 168.4 %



43

Incident Energy (eV)

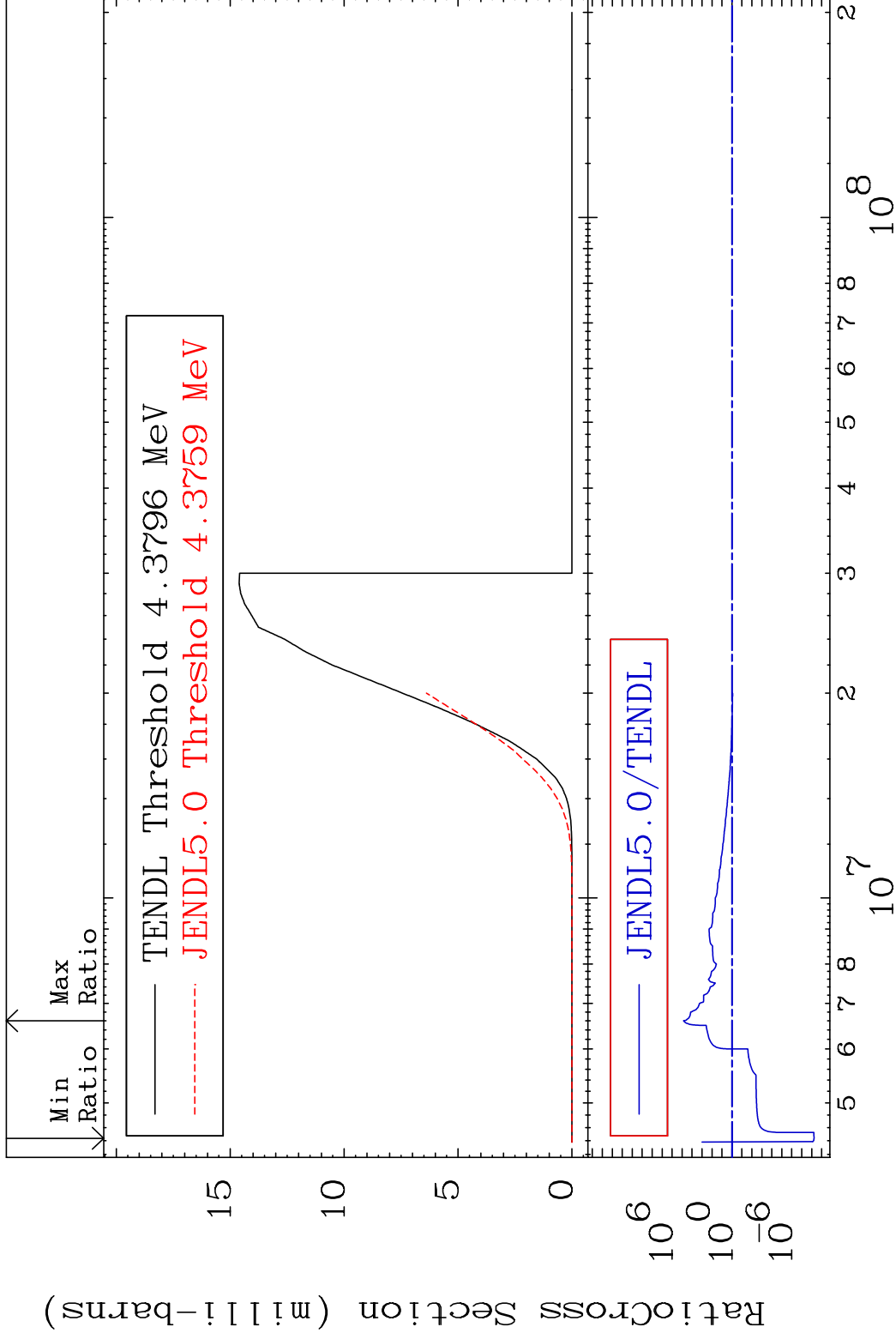
76-Os-187

MAT 7634

(n,d)

76-Os-187

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

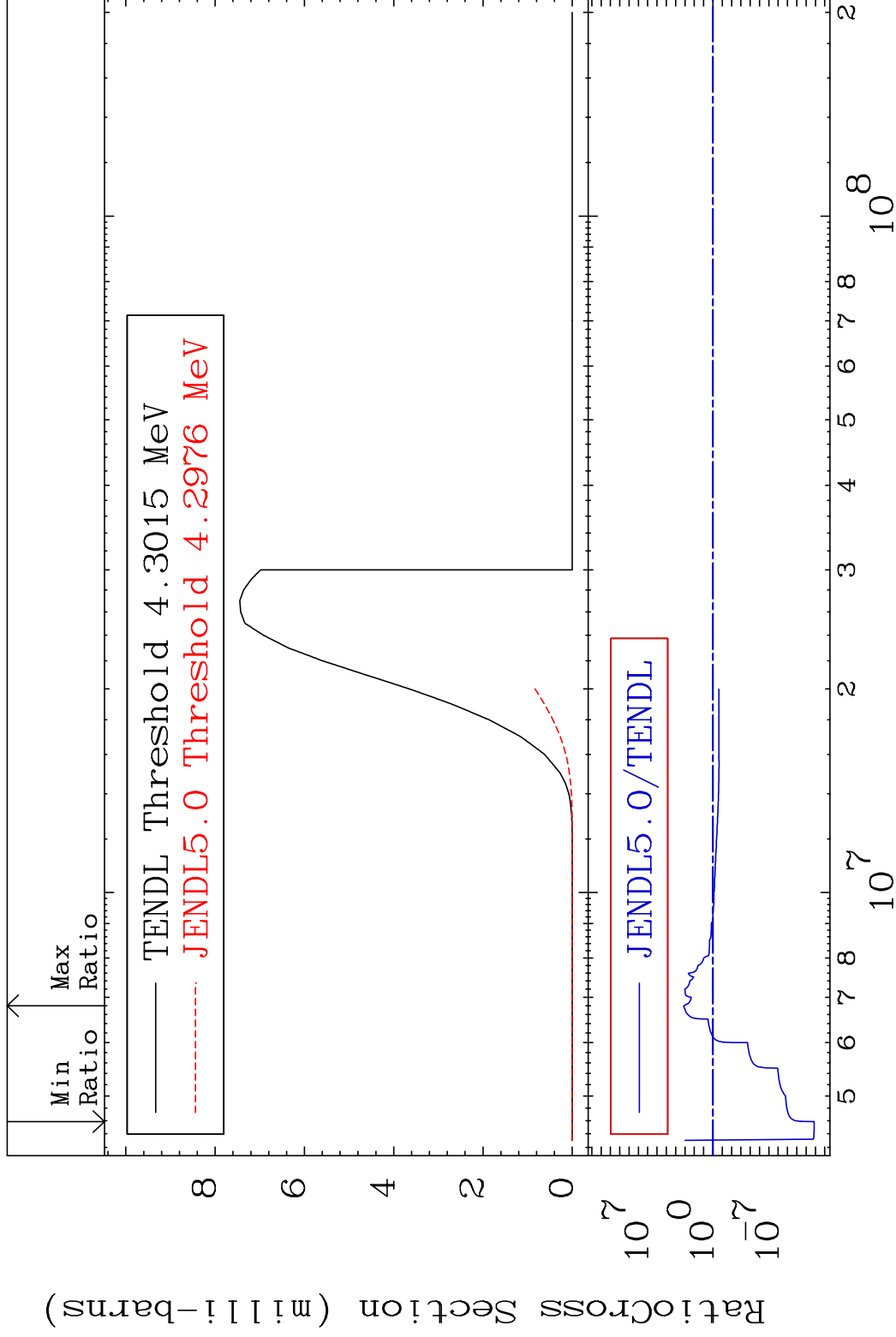
76-Os-187

MAT 7634

(n, t)

76-Os-187

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

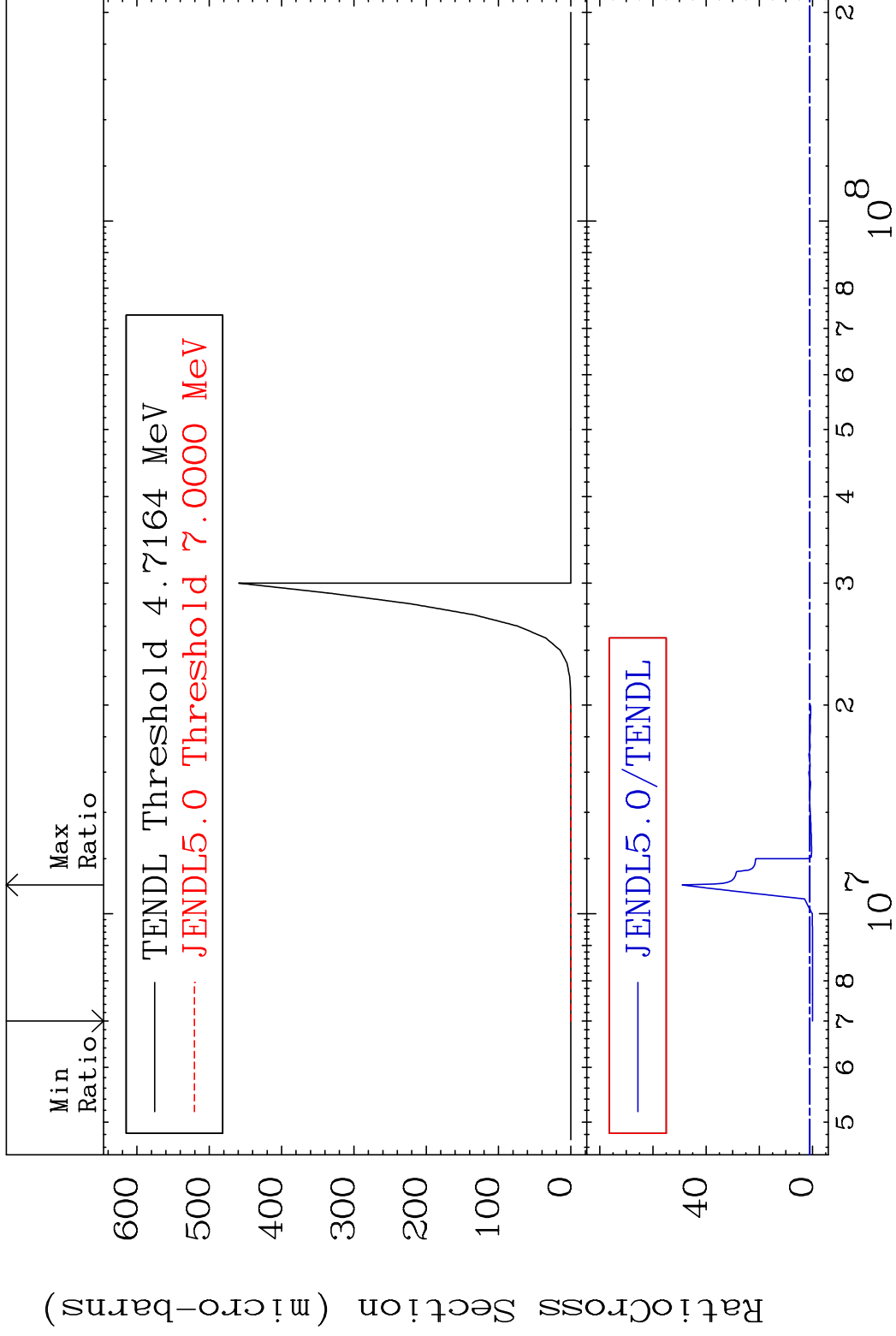
76-Os-187

MAT 7634

(n, He-3)

76-Os-187

Cross Section -100.0 To 4799. %



46

Incident Energy (eV)

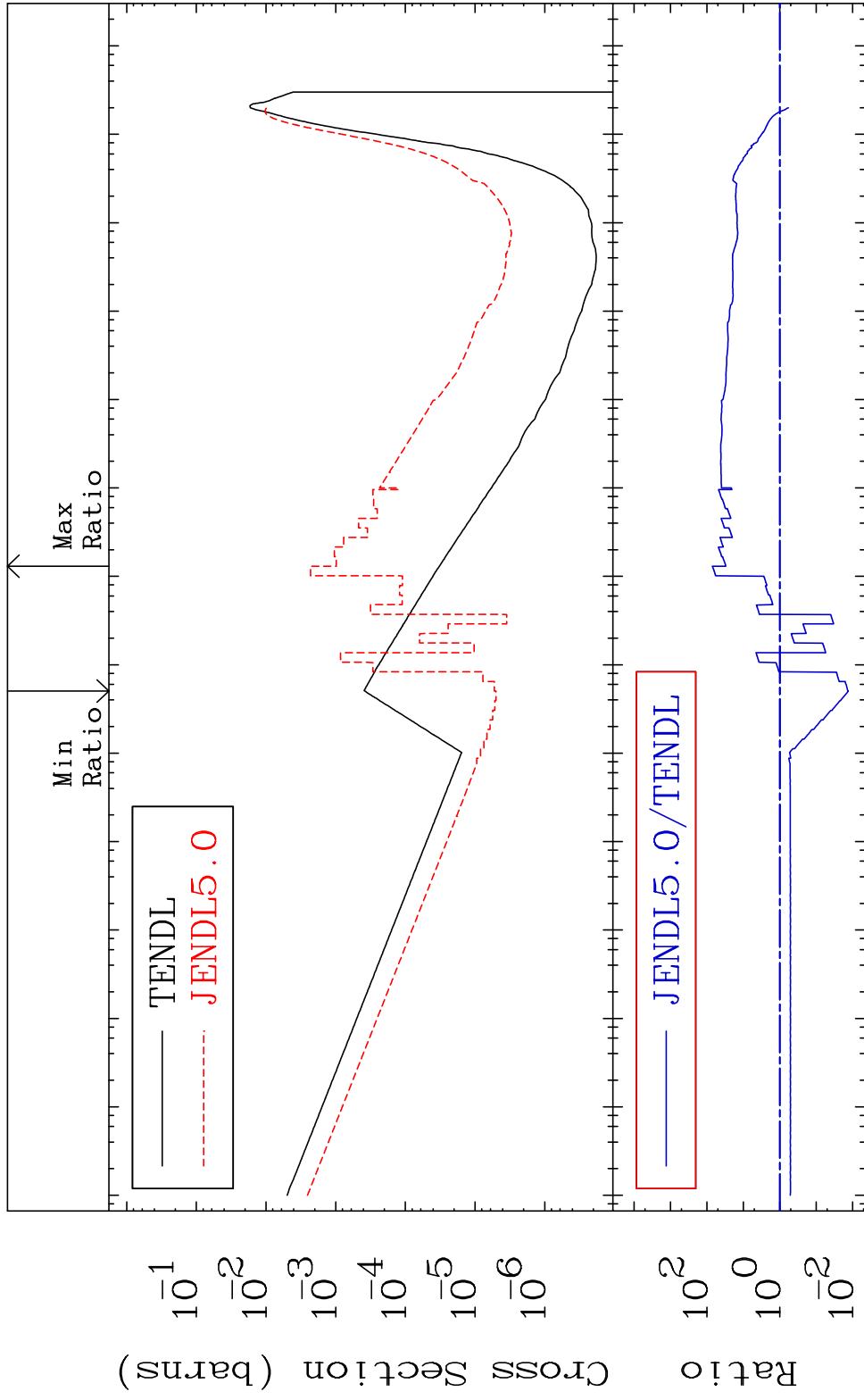
76-Os-187

MAT 7634

(n, α)

76-0s-187

Cross Section -98.69 To 7001. %

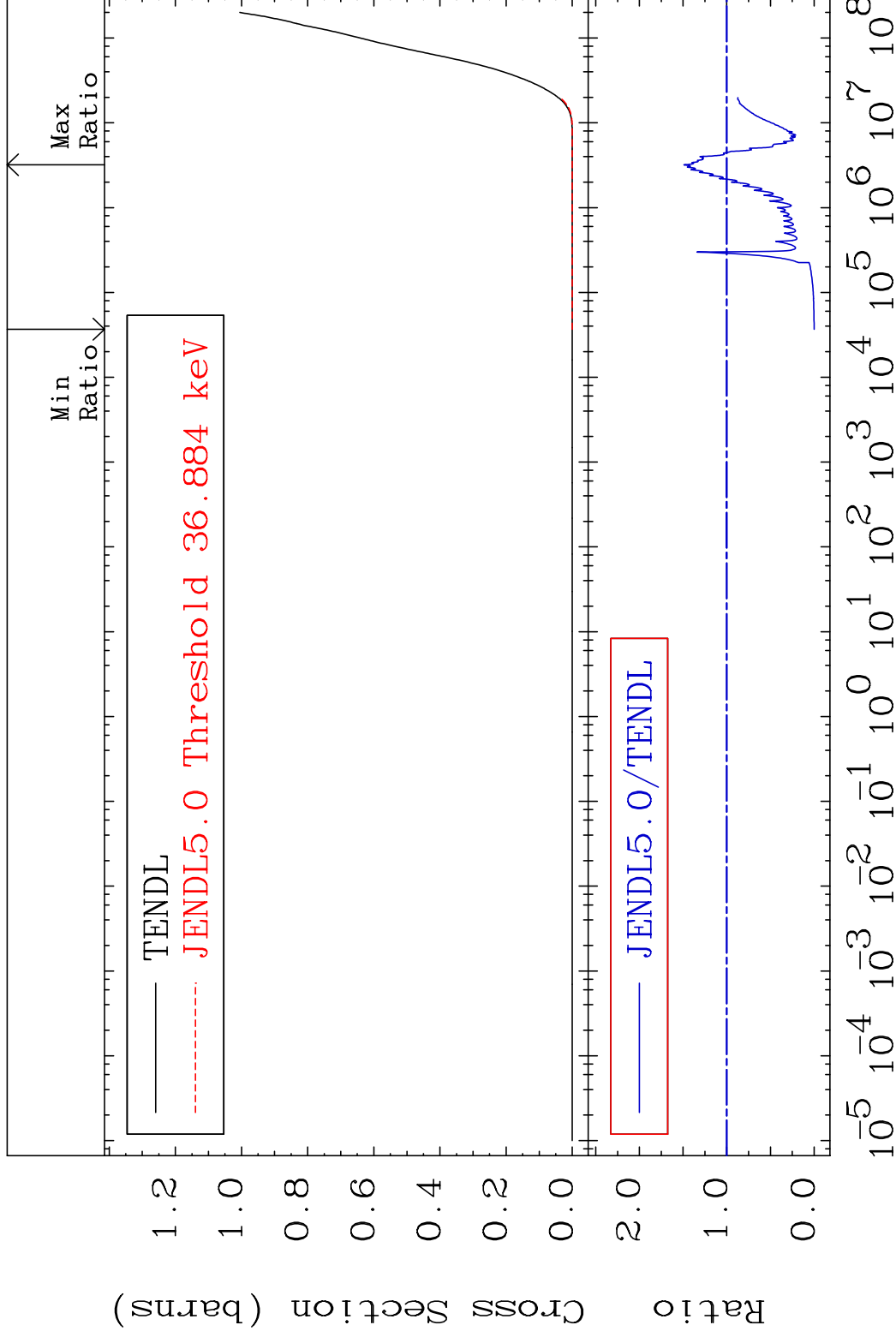


MAT 7634

Hydrogen Production

76-Os-187

Cross Section -100.0 To 49.34 %



48

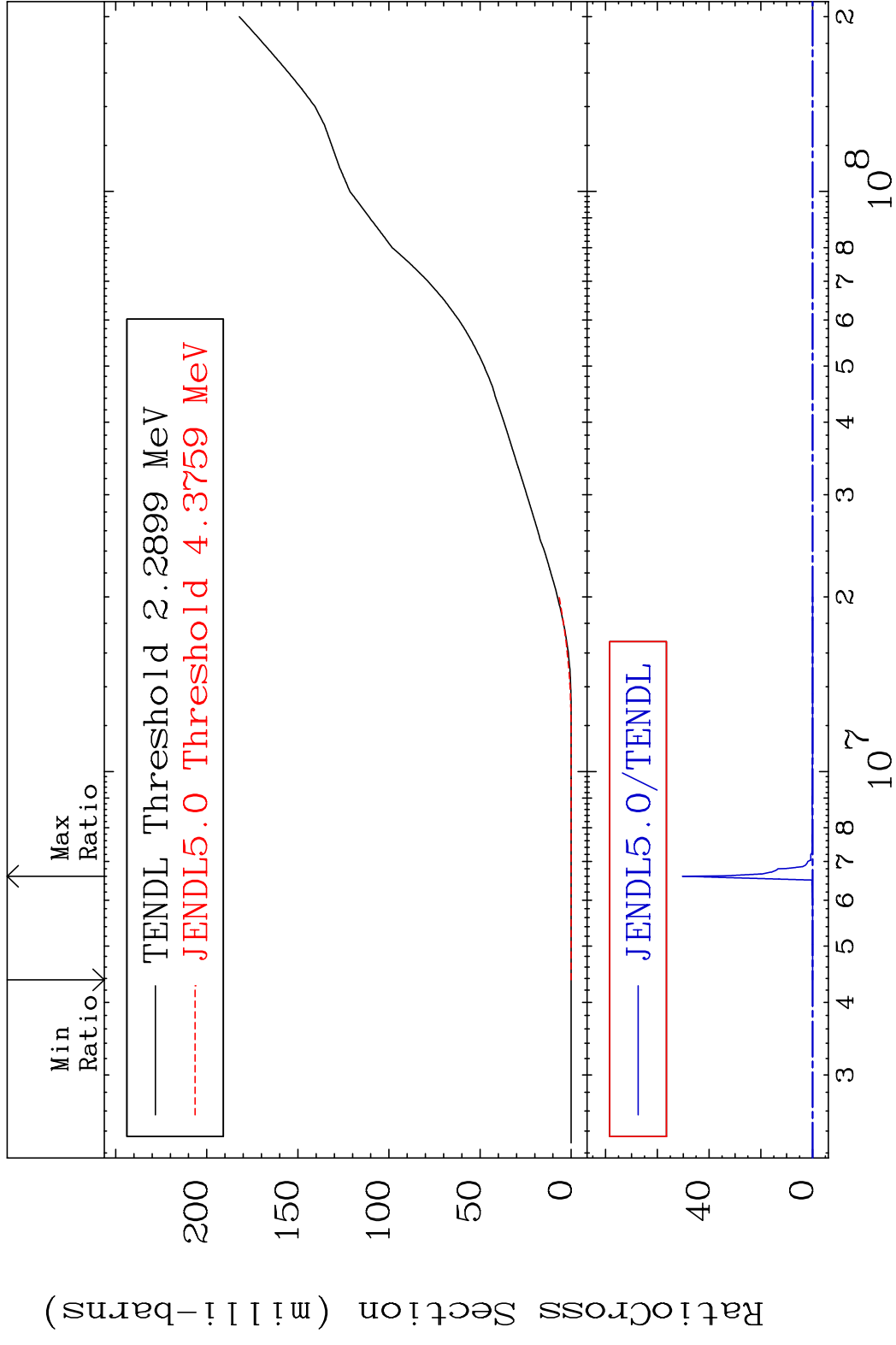
Incident Energy (eV)

76-Os-187

MAT 7634

Deuterium Production 76-0s-187

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

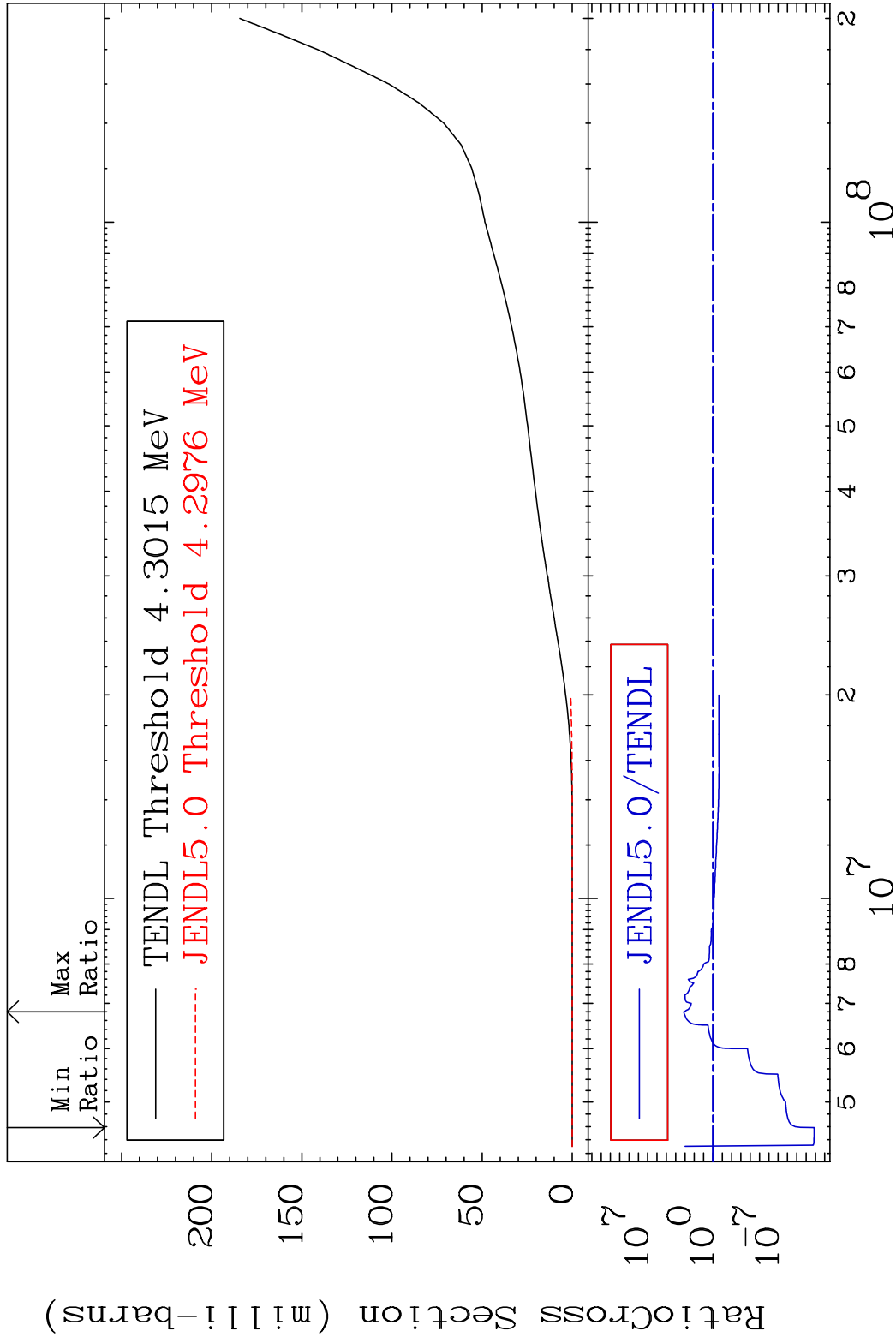
76-0s-187

MAT 7634

Tritium Production

76-Os-187

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

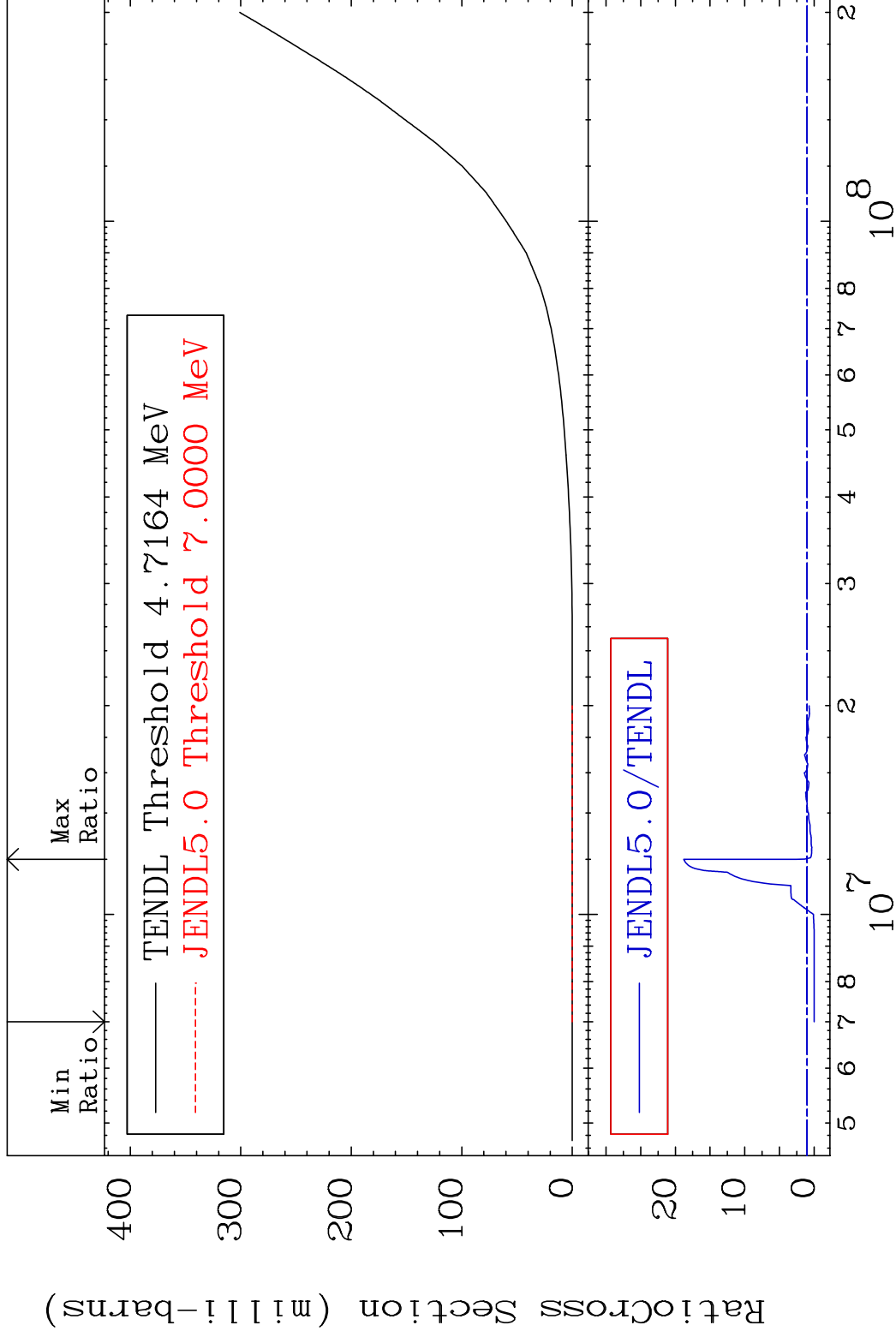
76-Os-187

MAT 7634

He-3 Production

76-Os-187

Cross Section -100.0 To 1781. %



51

Incident Energy (eV)

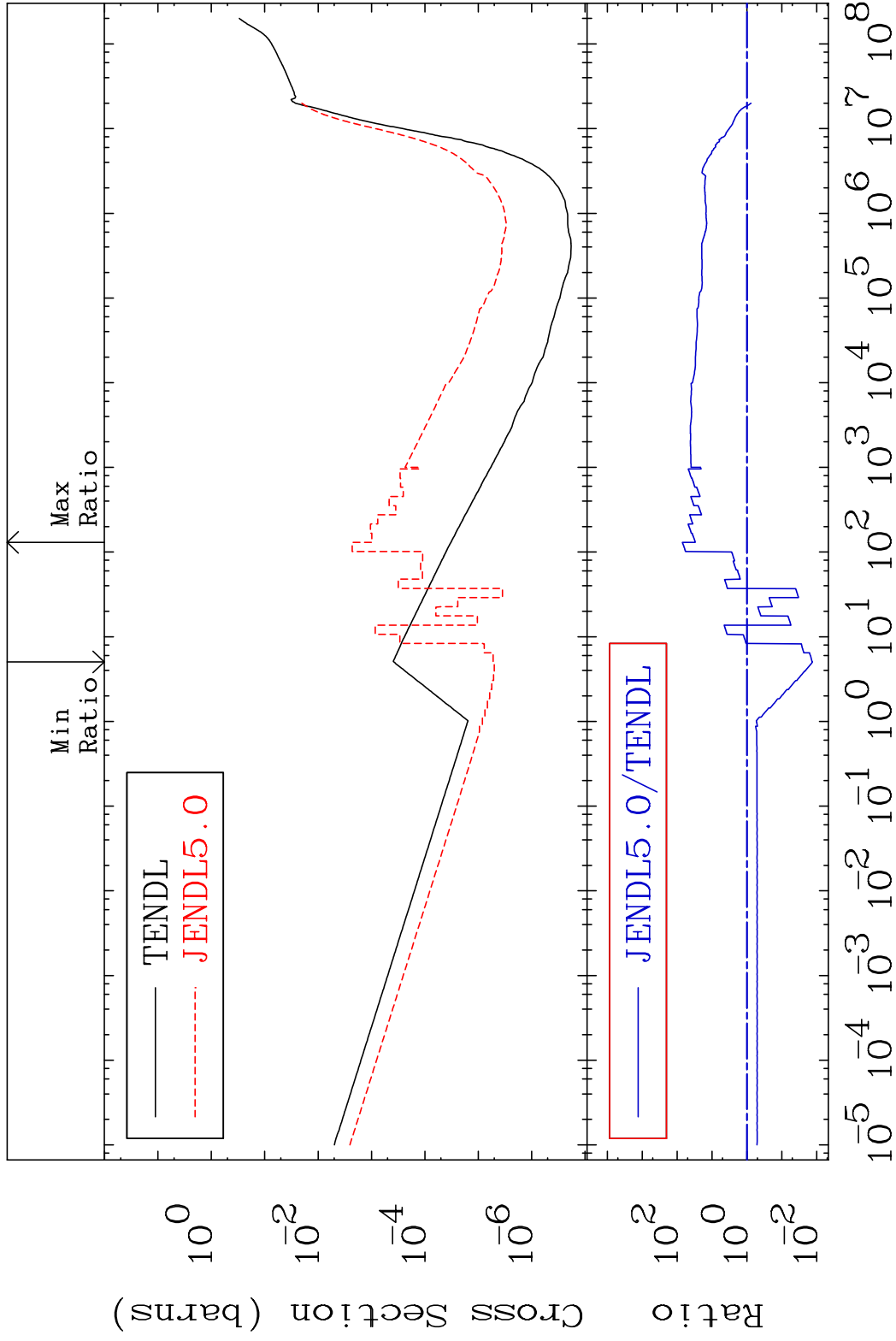
76-Os-187

MAT 7634

He-4 Production

76-0s-187

Cross Section -98.69 To 7001. %

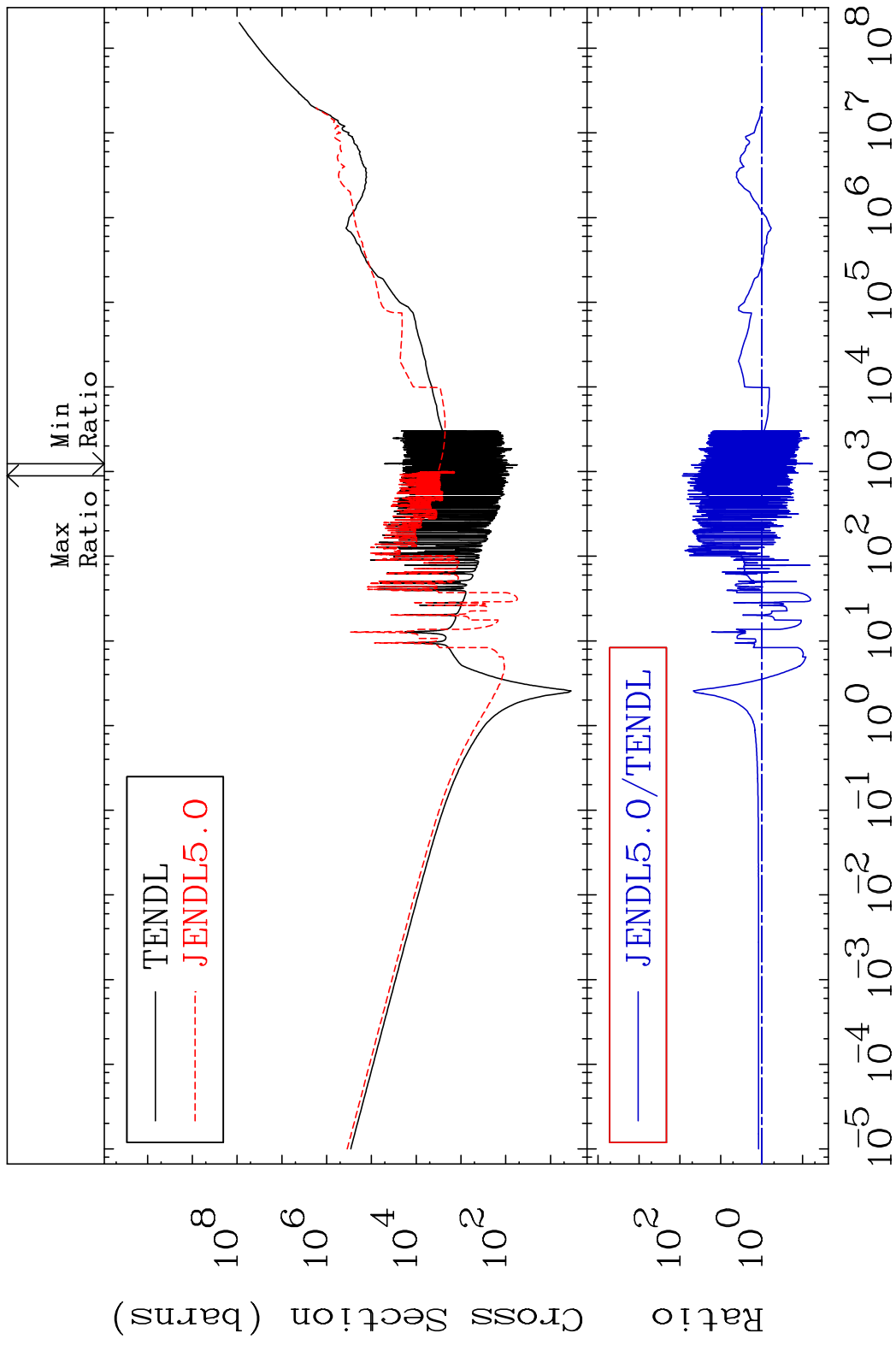


52

Incident Energy (eV)

76-0s-187

MAT 7634 Kerma total (eV-barns) 76-0s-187
 Cross Section -94.28 To 8607. %

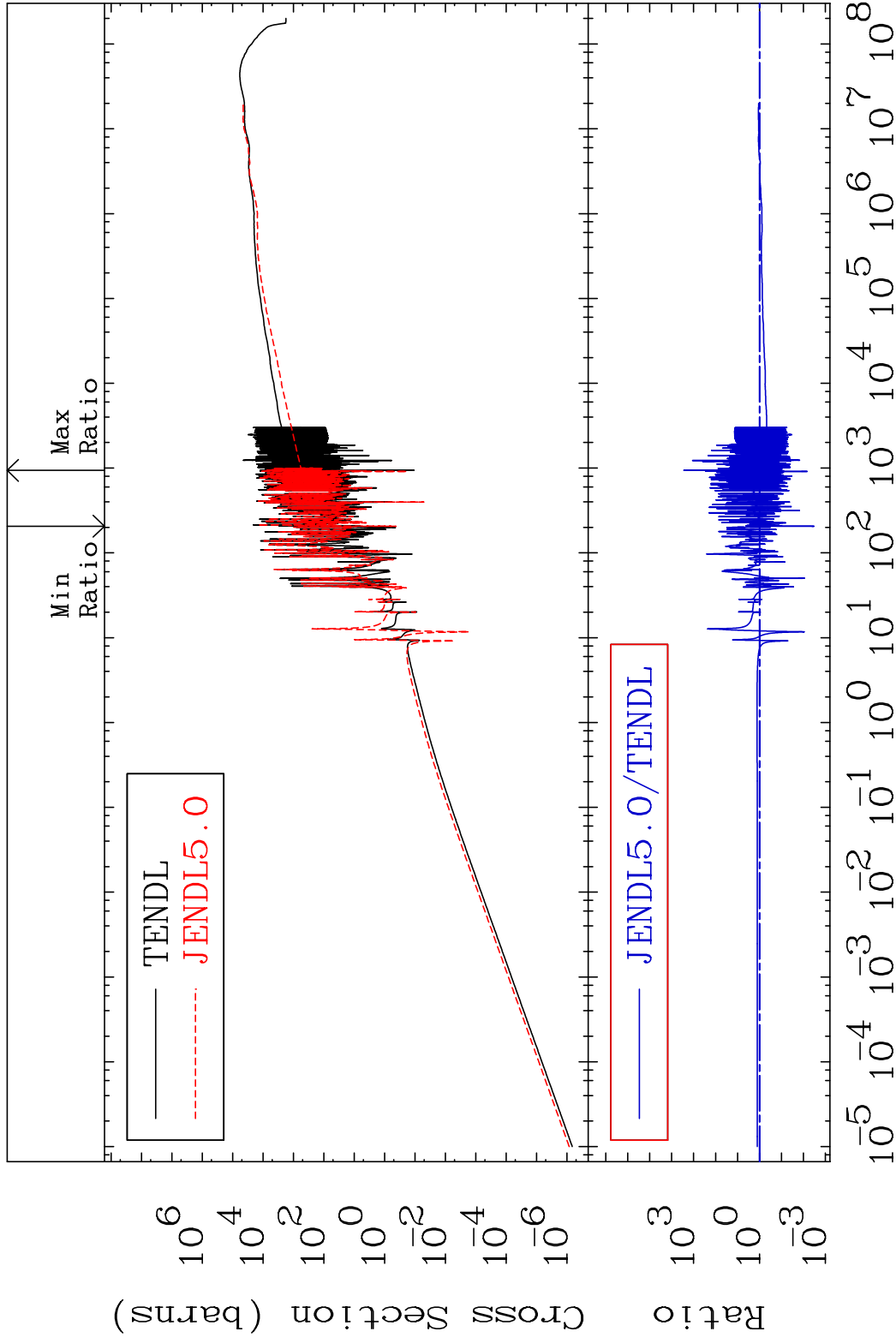


MAT 7634

Kerma elastic

76-0s-187

Cross Section -99.67 To 9999. %

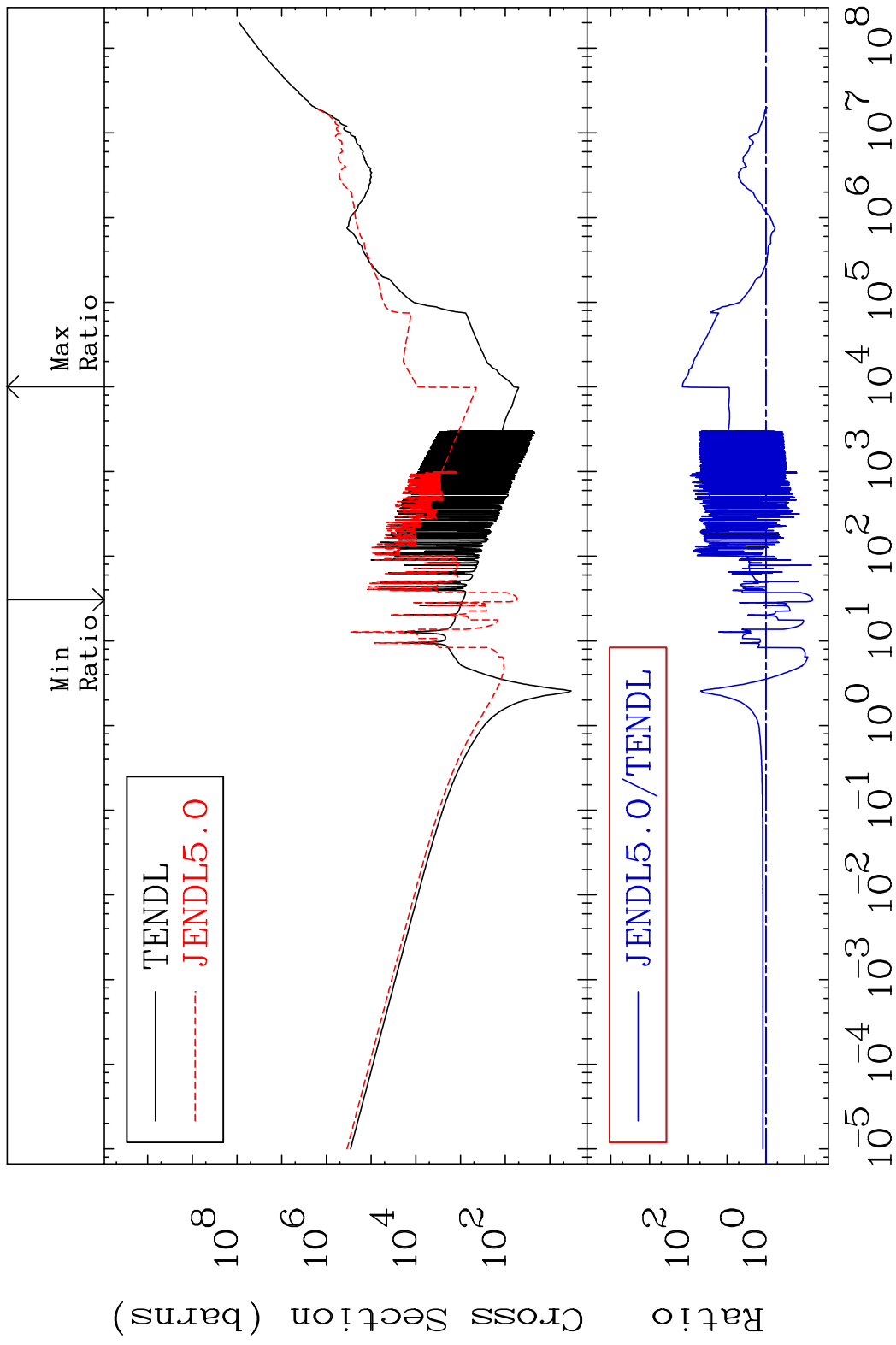


54

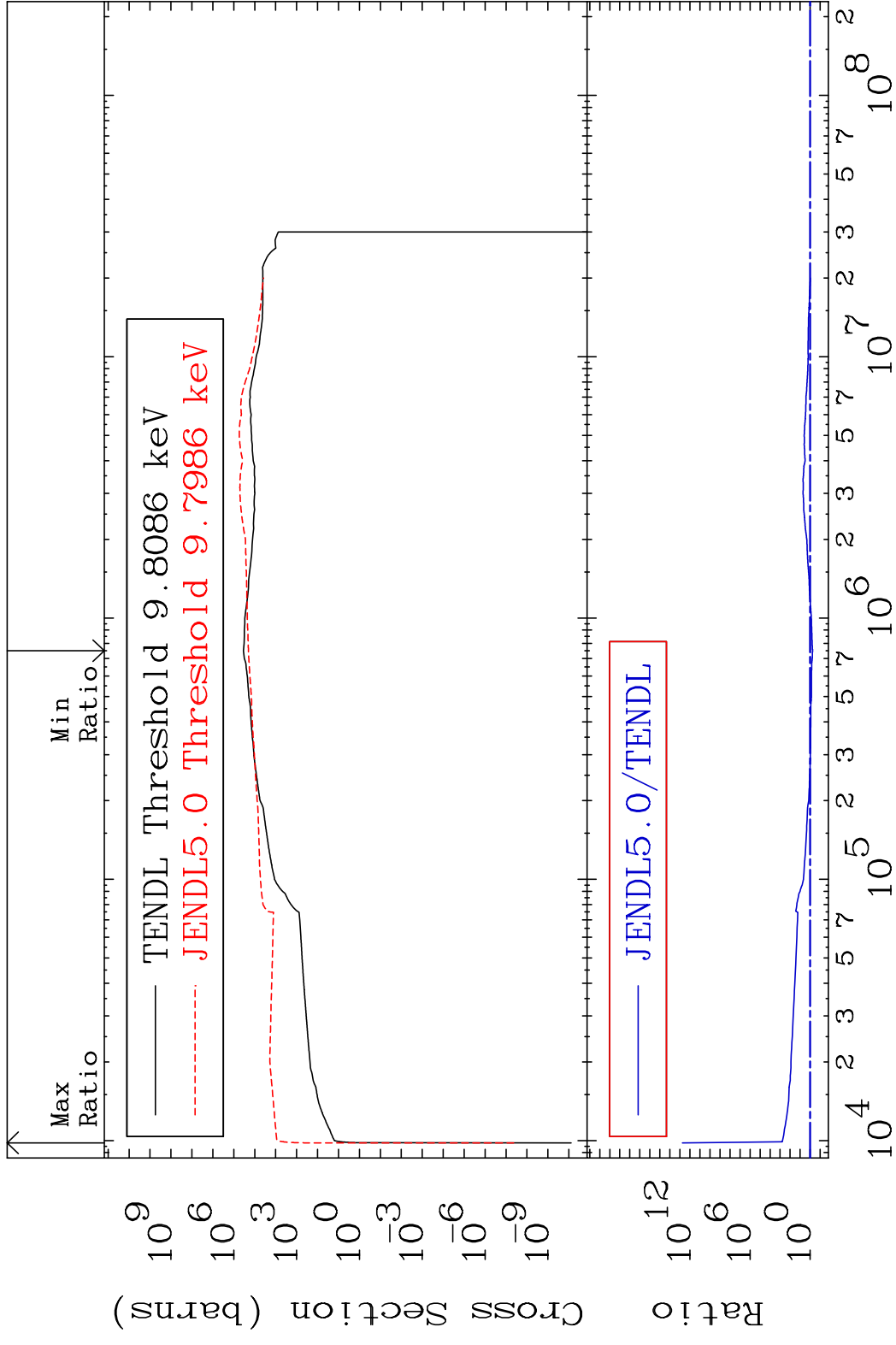
Incident Energy (eV)

76-0s-187

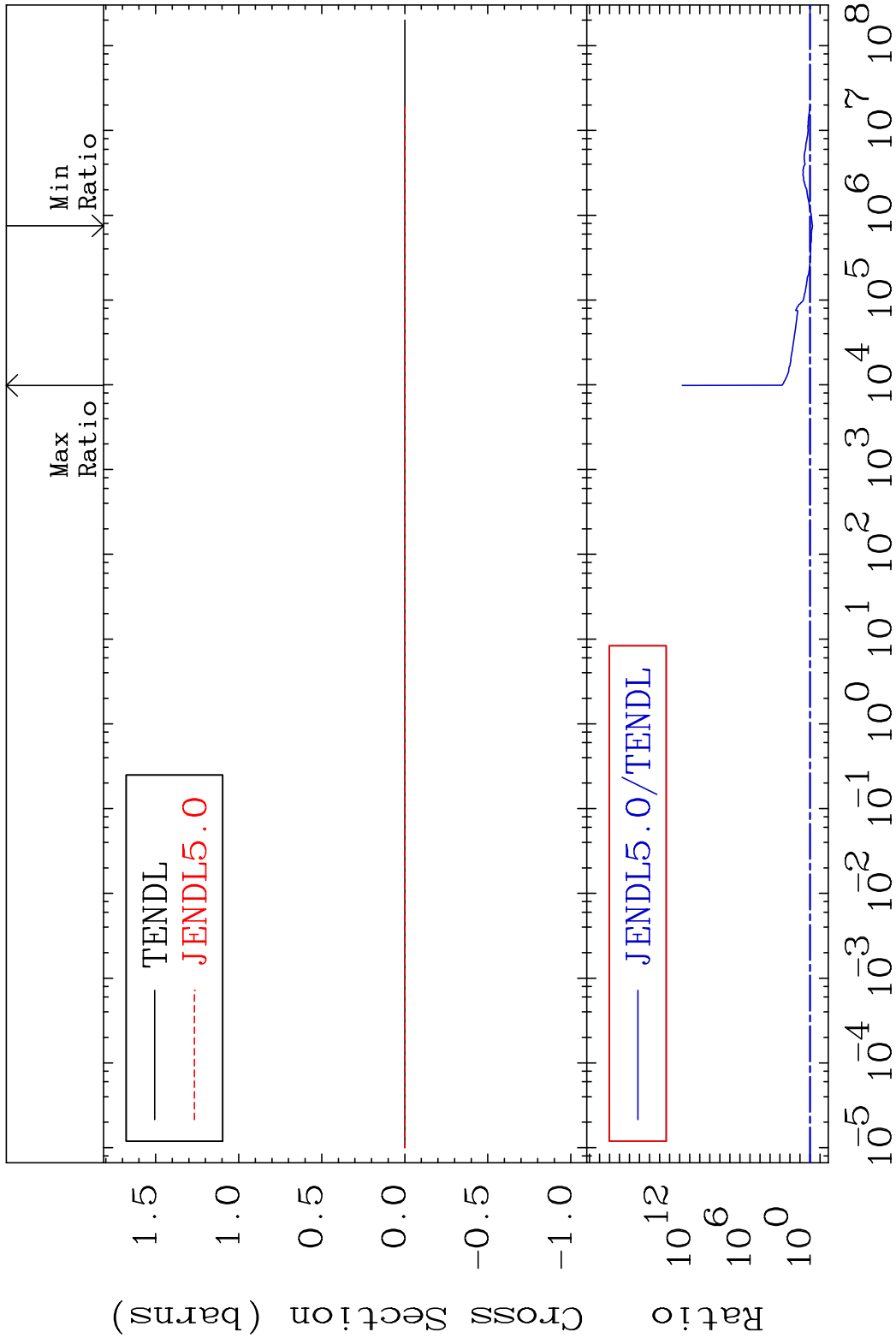
MAT 7634 Kerma non-elastic (all but mt2) 76-Os-187
 Cross Section -93.74 To 9999. %



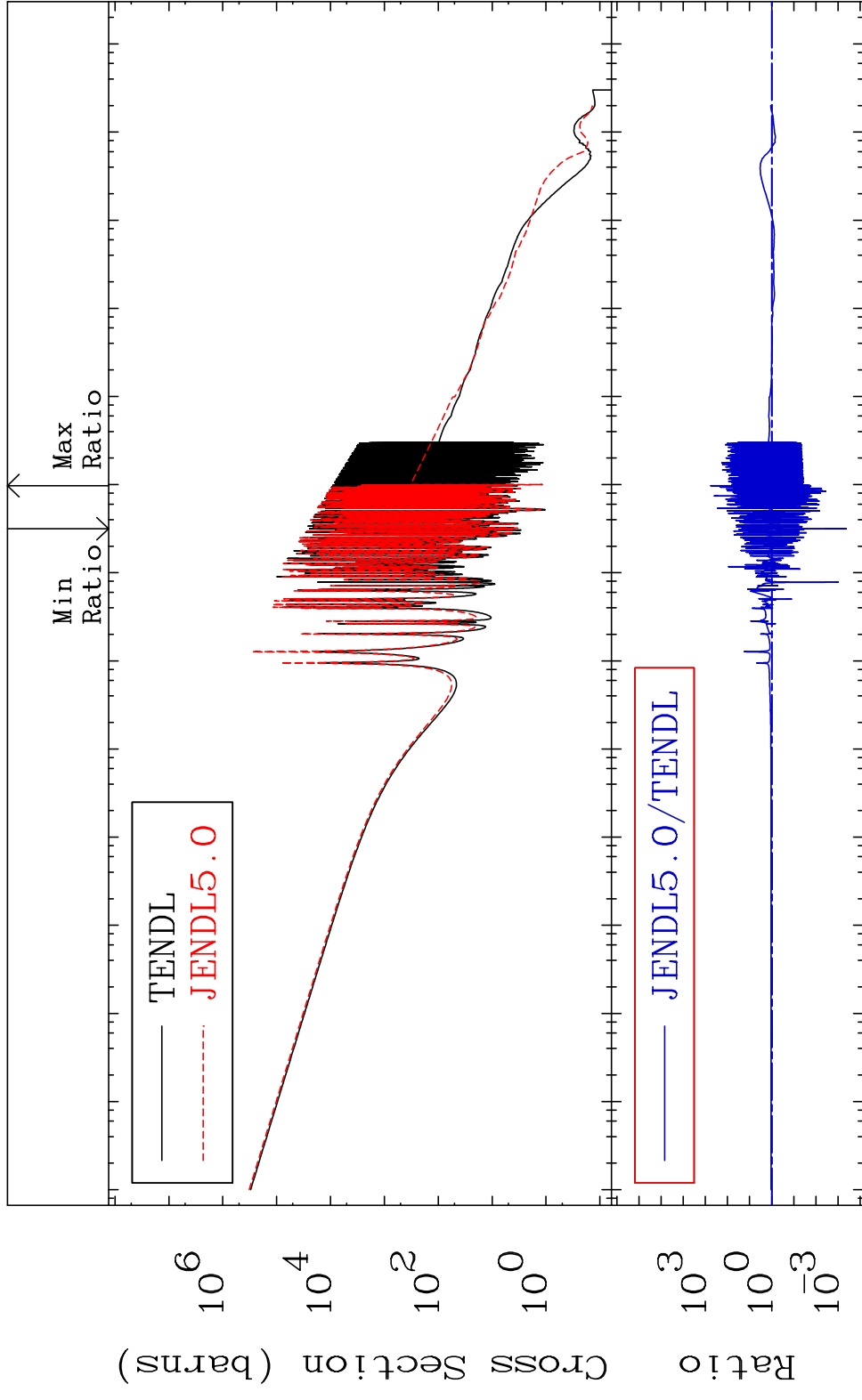
MAT 7634 Kerma inelastic (mt51-91) 76-Os-187
 Cross Section -42.34 To 9999. %



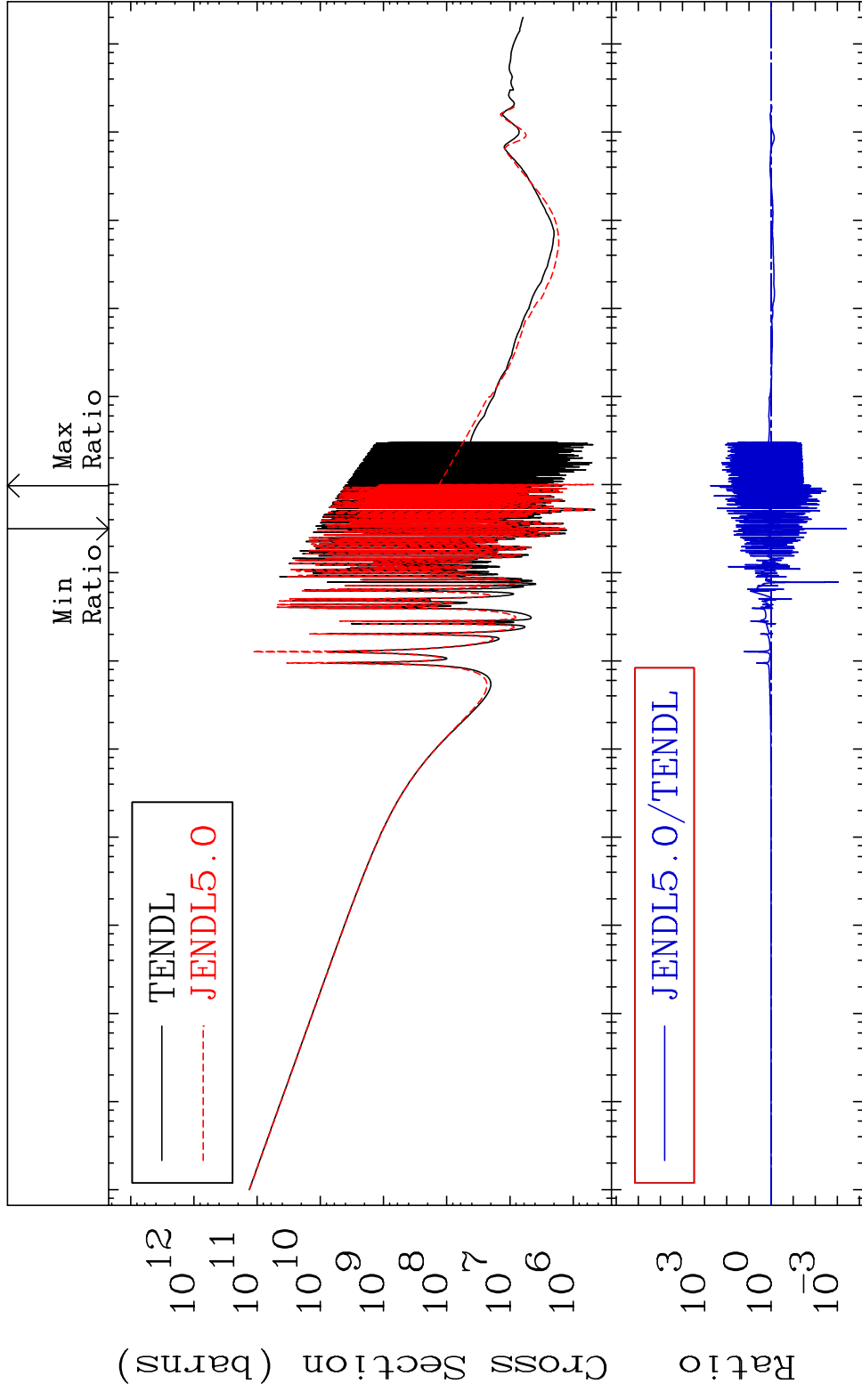
MAT 7634 Kerma fission (mt18 or mt19-20-21-38)76-0s-187
 Cross Section -42.34 To 9999. %



MAT 7634 Kerma capture (mt102) 76-0s-187
 Cross Section -99.96 To 9999. %

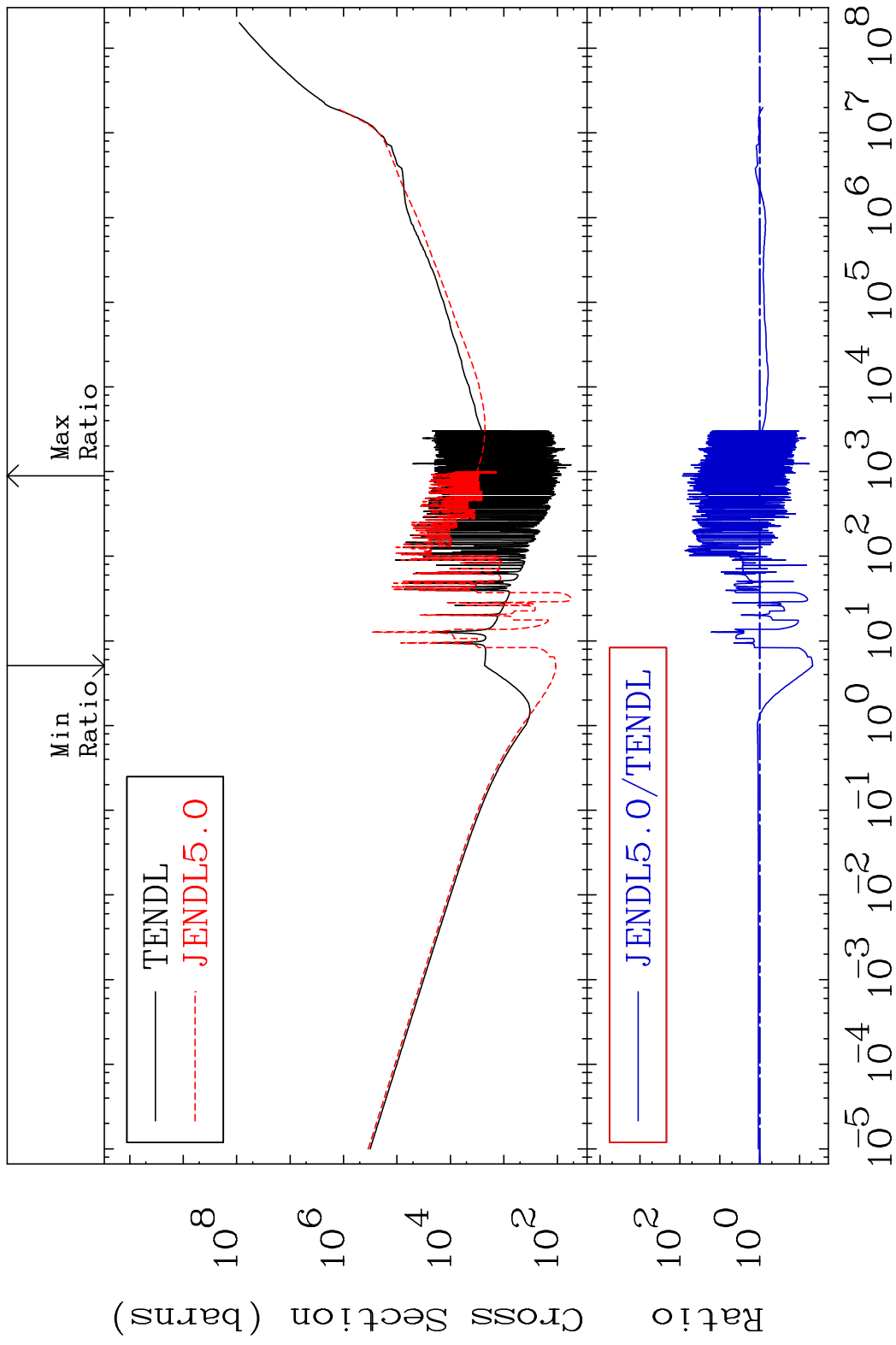


MAT 7634 Total photon (eV-barns) 76-0s-187
 Cross Section -99.96 To 9999. %



59 Incident Energy (eV) 76-0s-187

MAT 7634 Total kinematic kerma (high limit) 76-0s-187
Cross Section -95.28 To 8578. %

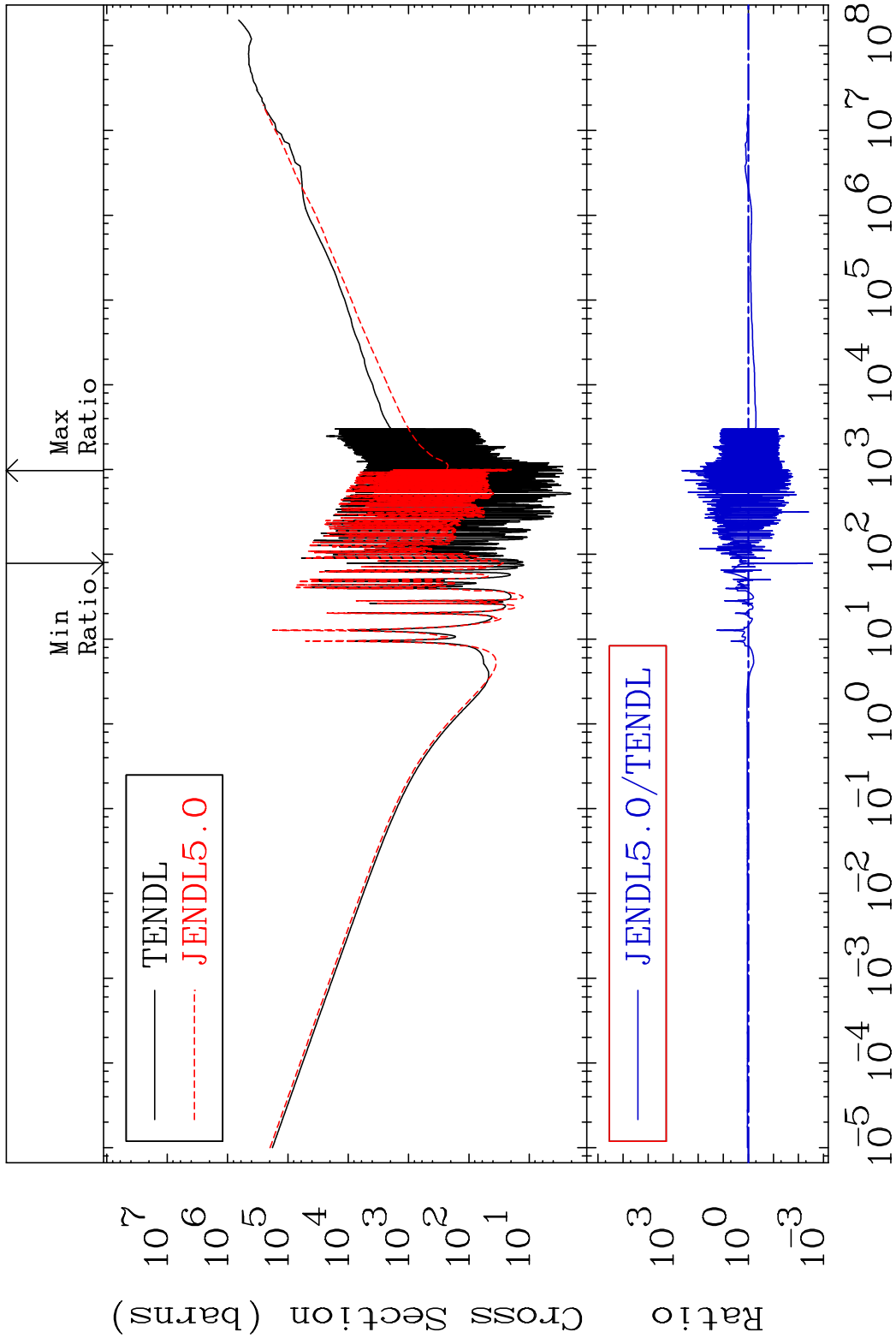


MAT 7634

Dpa total (eV-barns)

76-0s-187

Cross Section -99.72 To 9999. %



61

Incident Energy (eV)

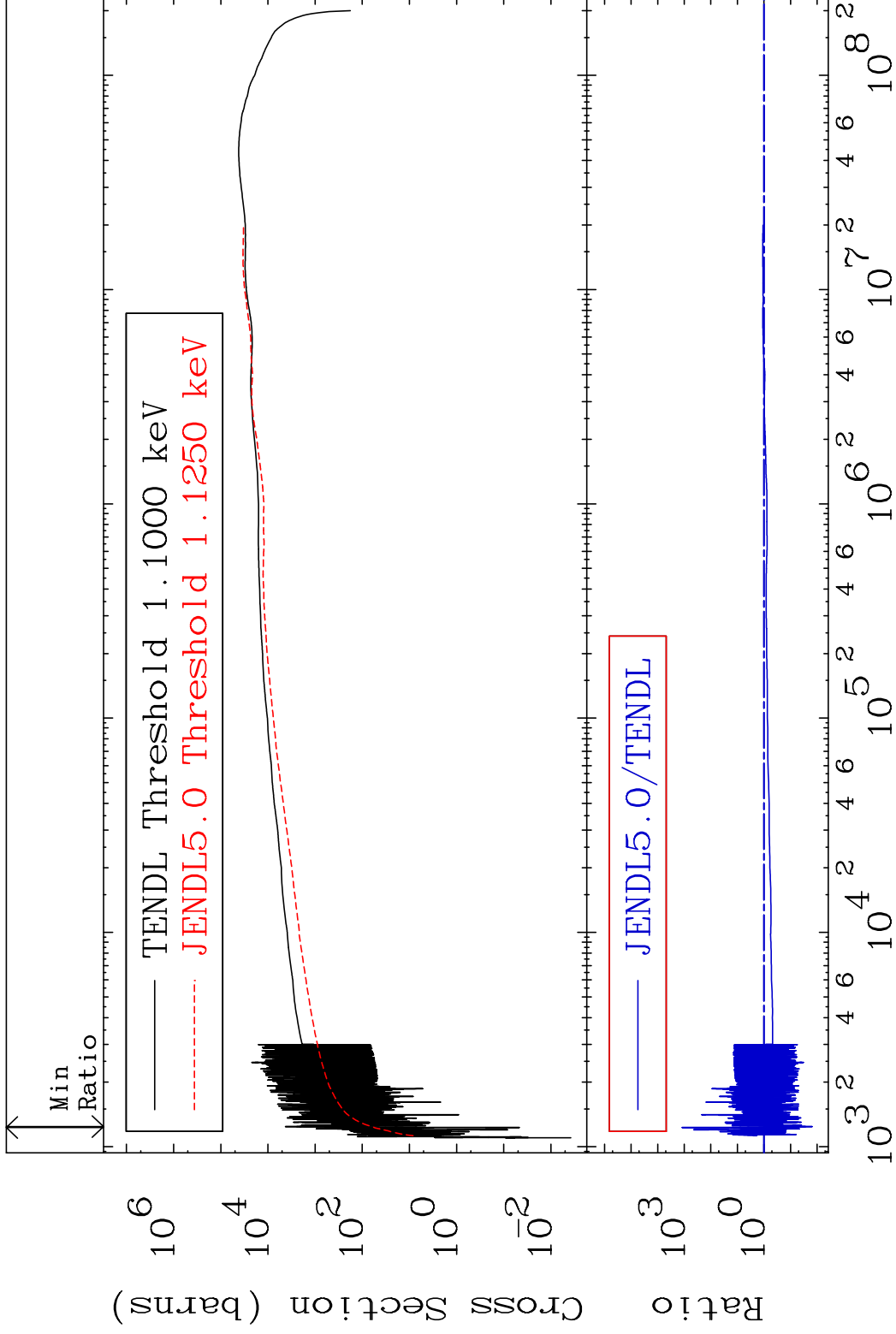
76-0s-187

MAT 7634

Dpa elastic (mt2)

76-0s-187

Cross Section -98.50 To 9999. %

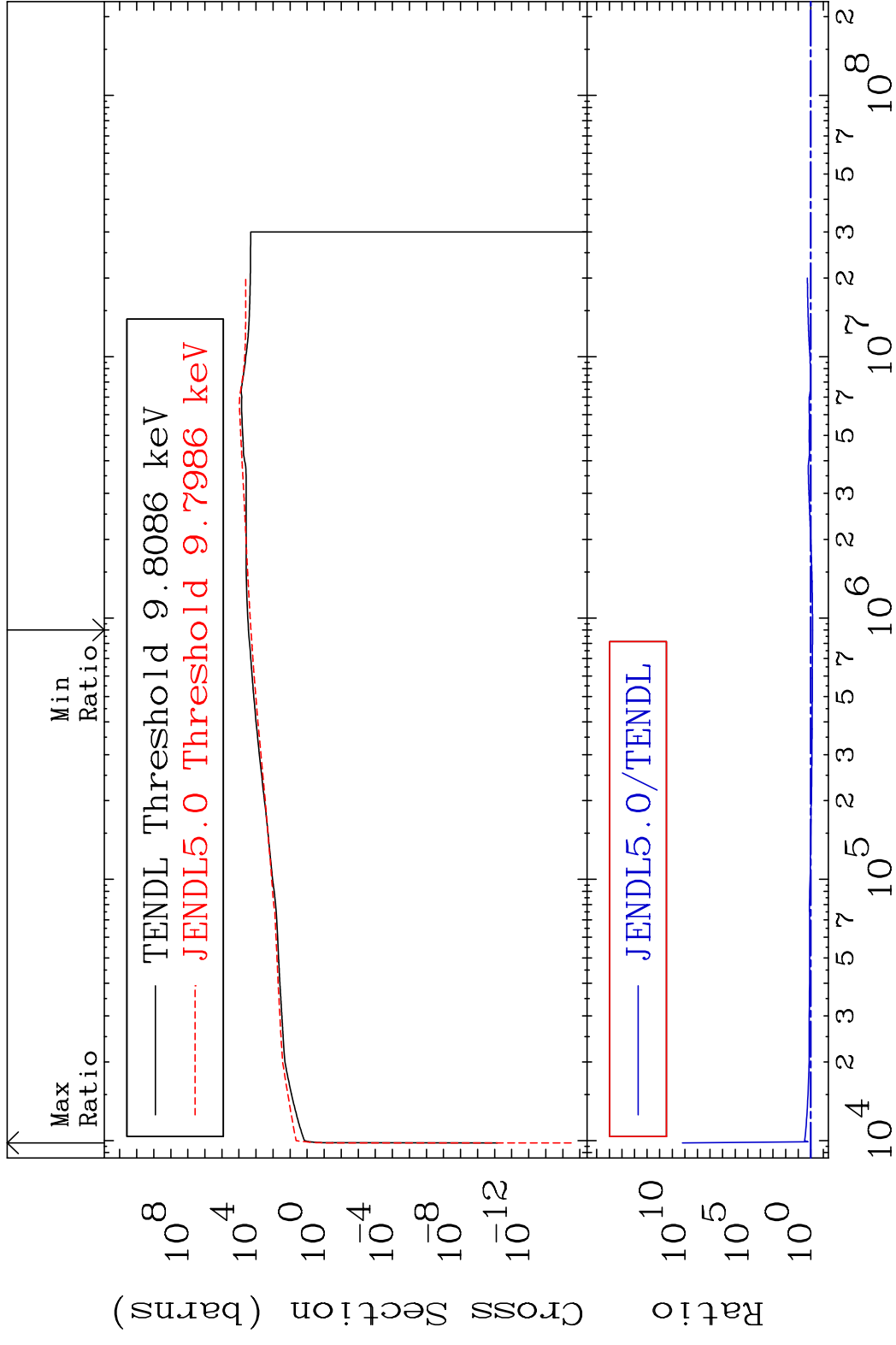


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Incident Energy (eV)

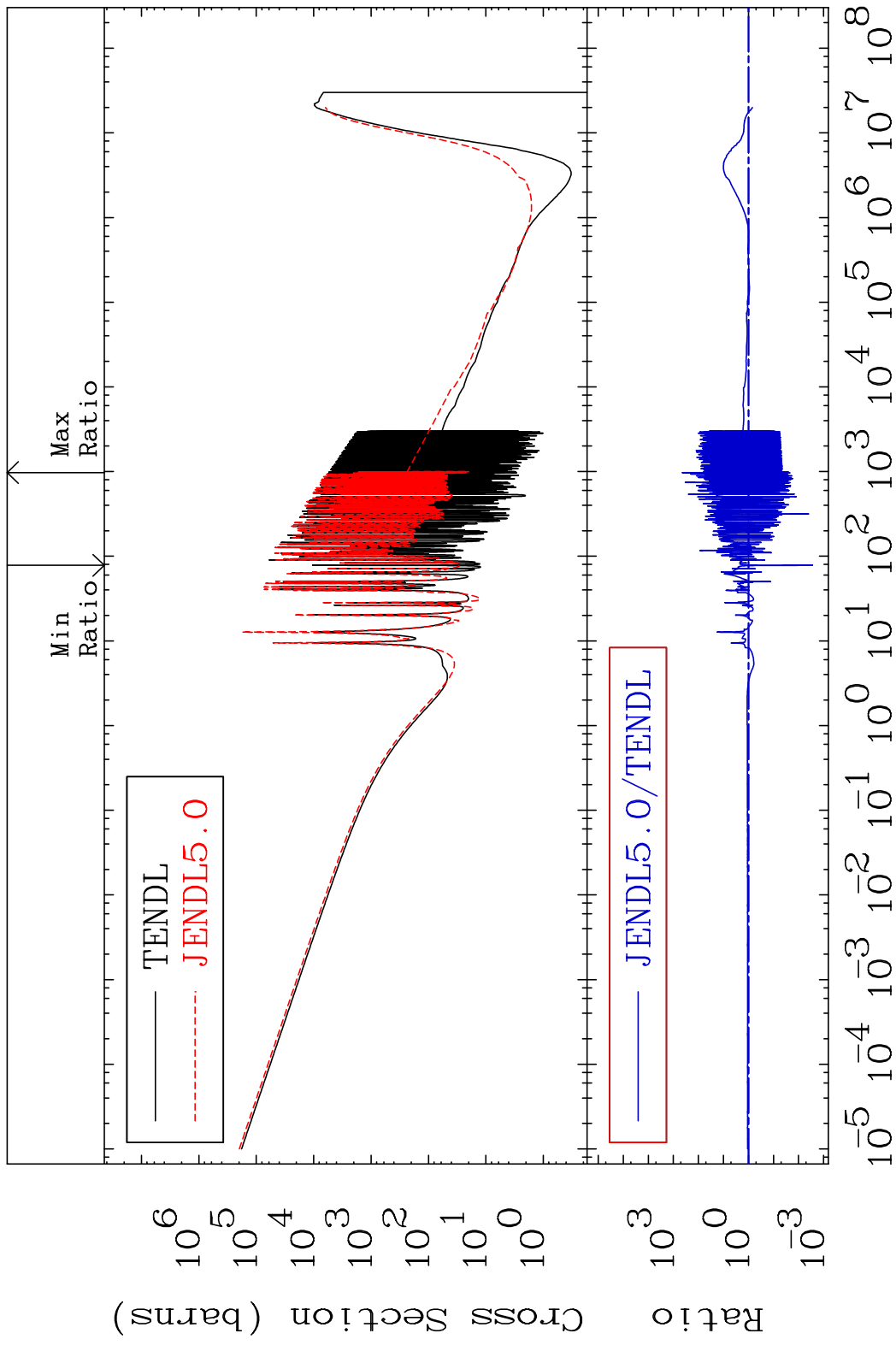
76-0s-187

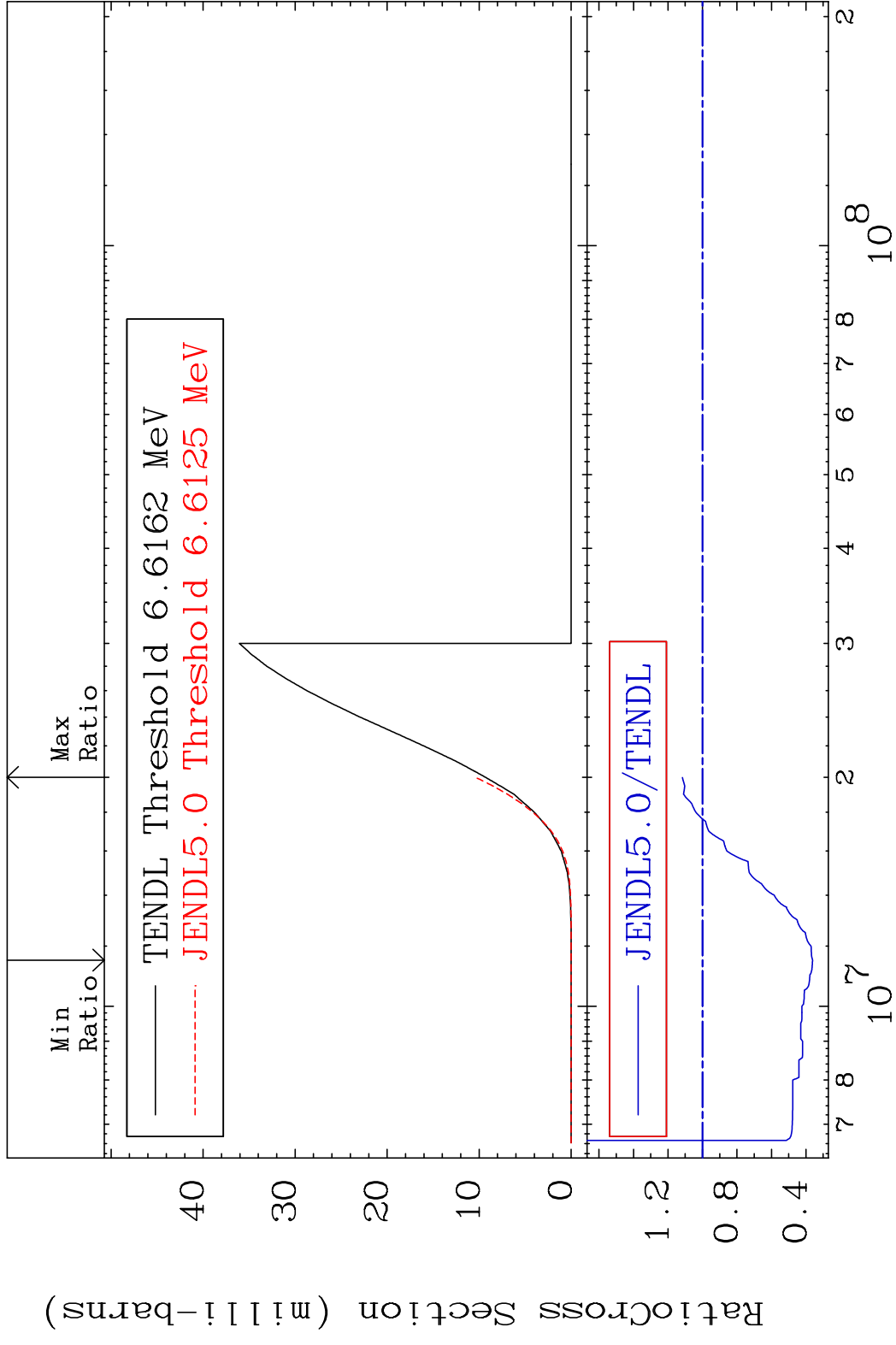
MAT 7634 Dpa inelastic (mt51-91) 76-Os-187
 Cross Section -27.67 To 9999. %

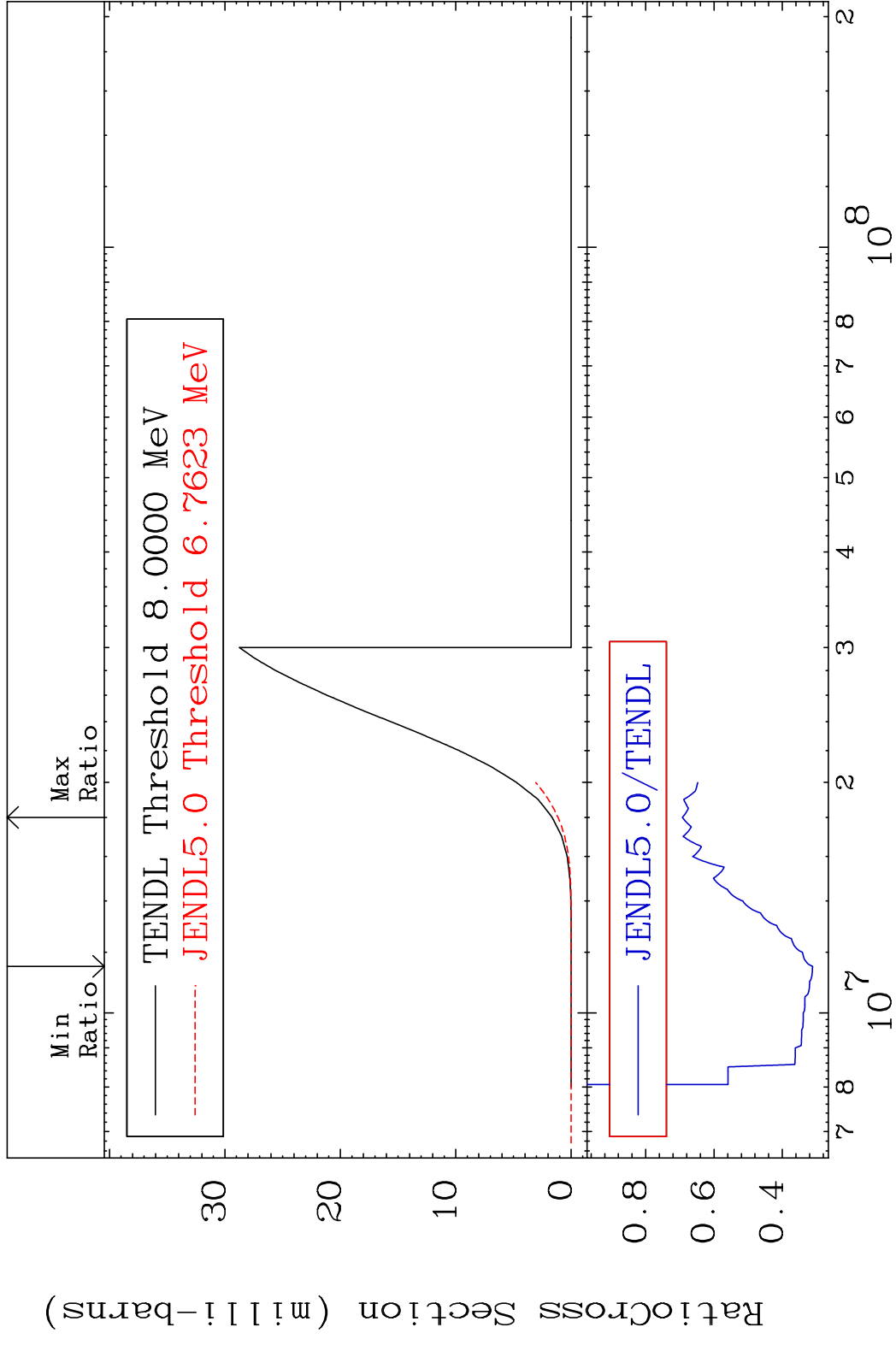


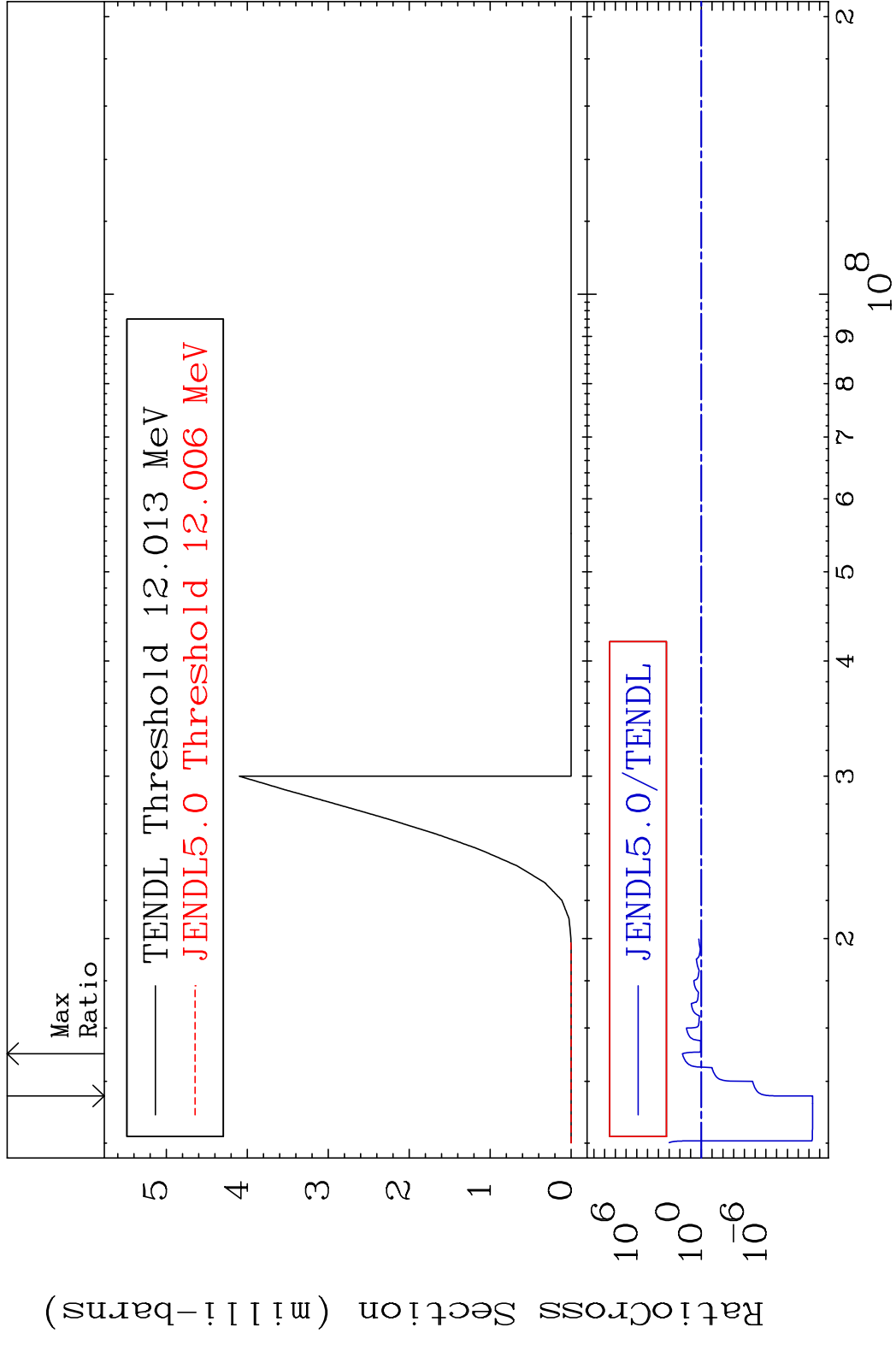
63 Incident Energy (eV) 76-Os-187

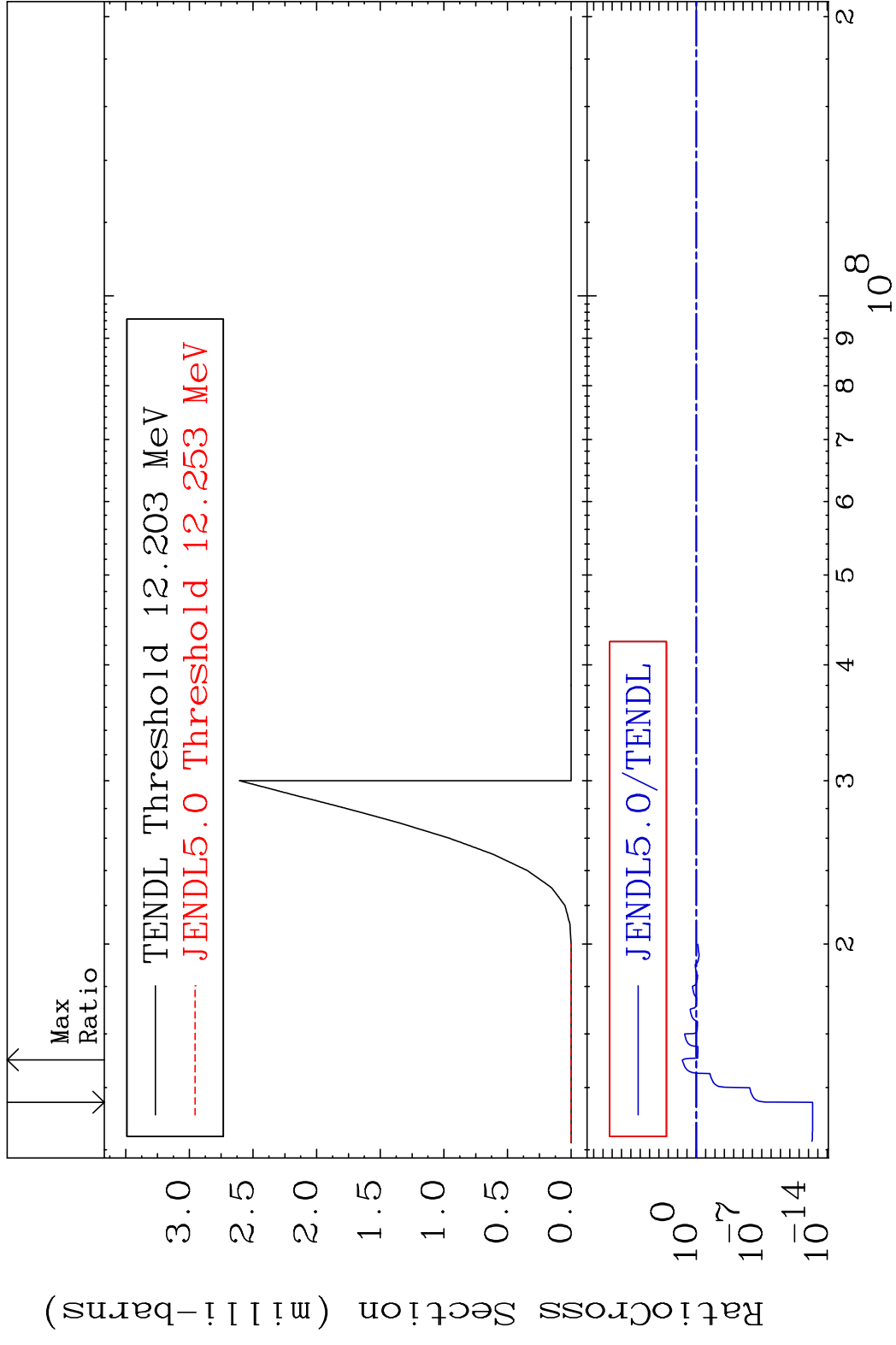
MAT 7634 Dpa disappearance (mt102 -120) 76-0s-187
 Cross Section -99.72 To 9999. %



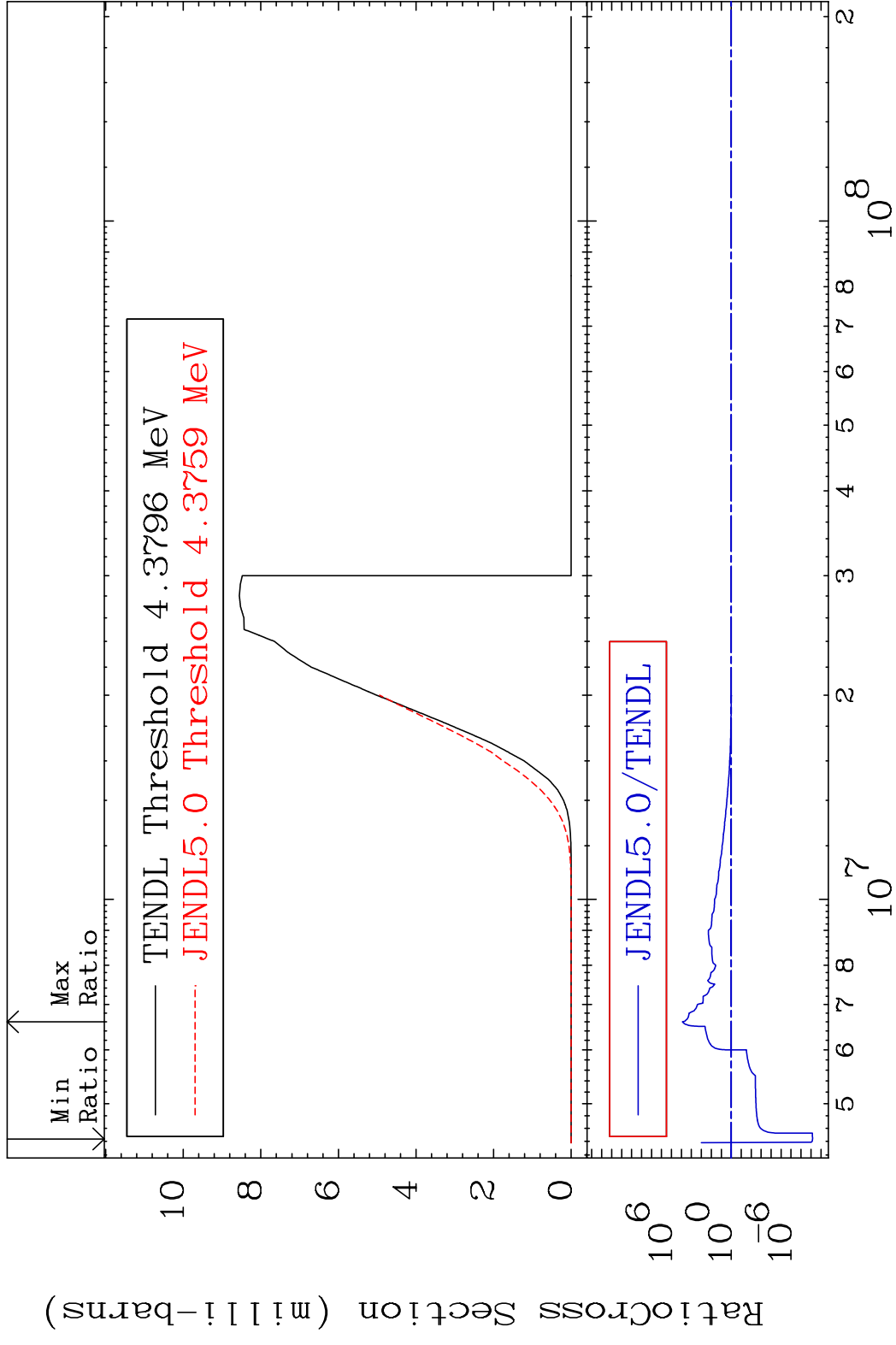




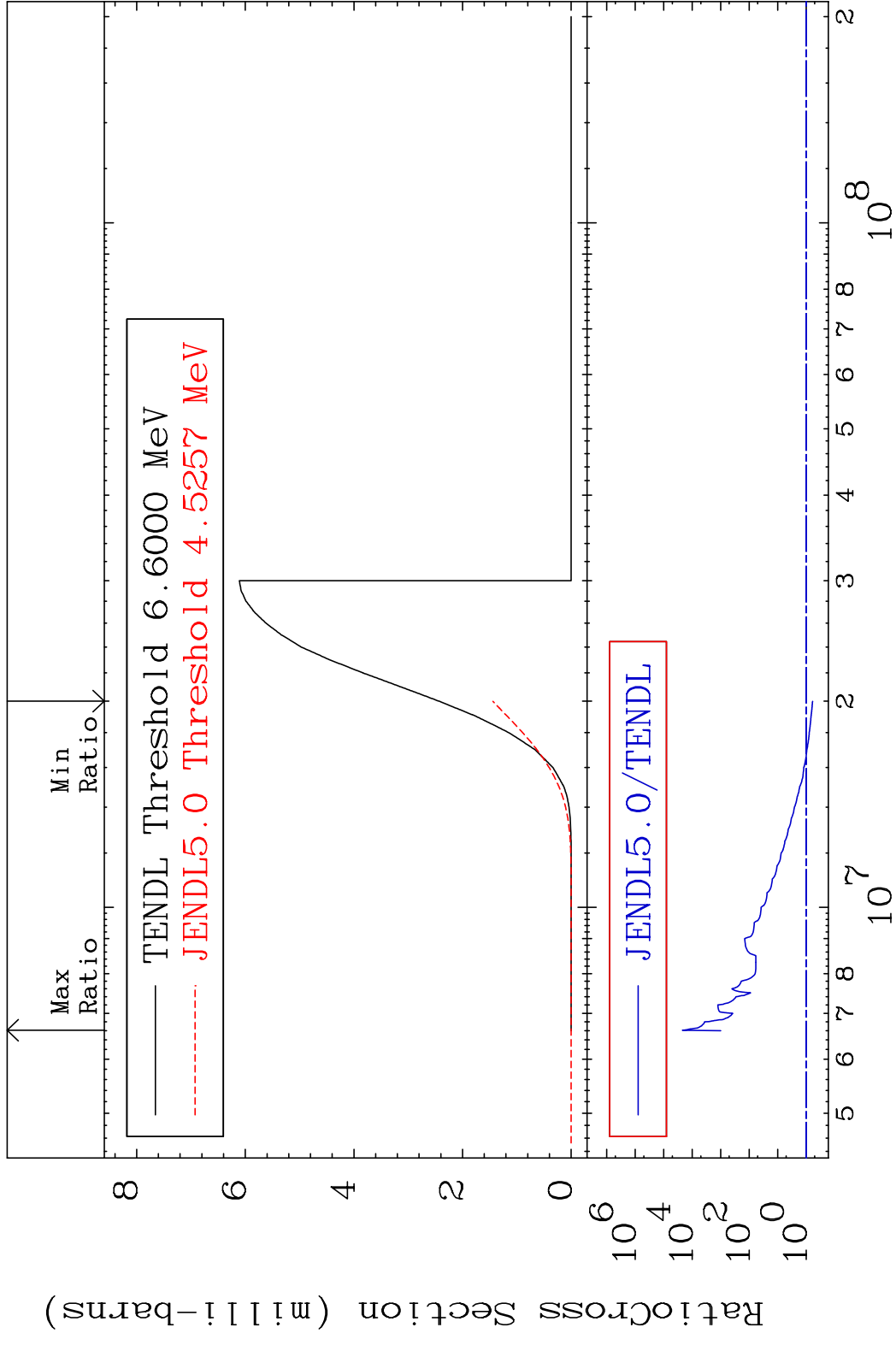




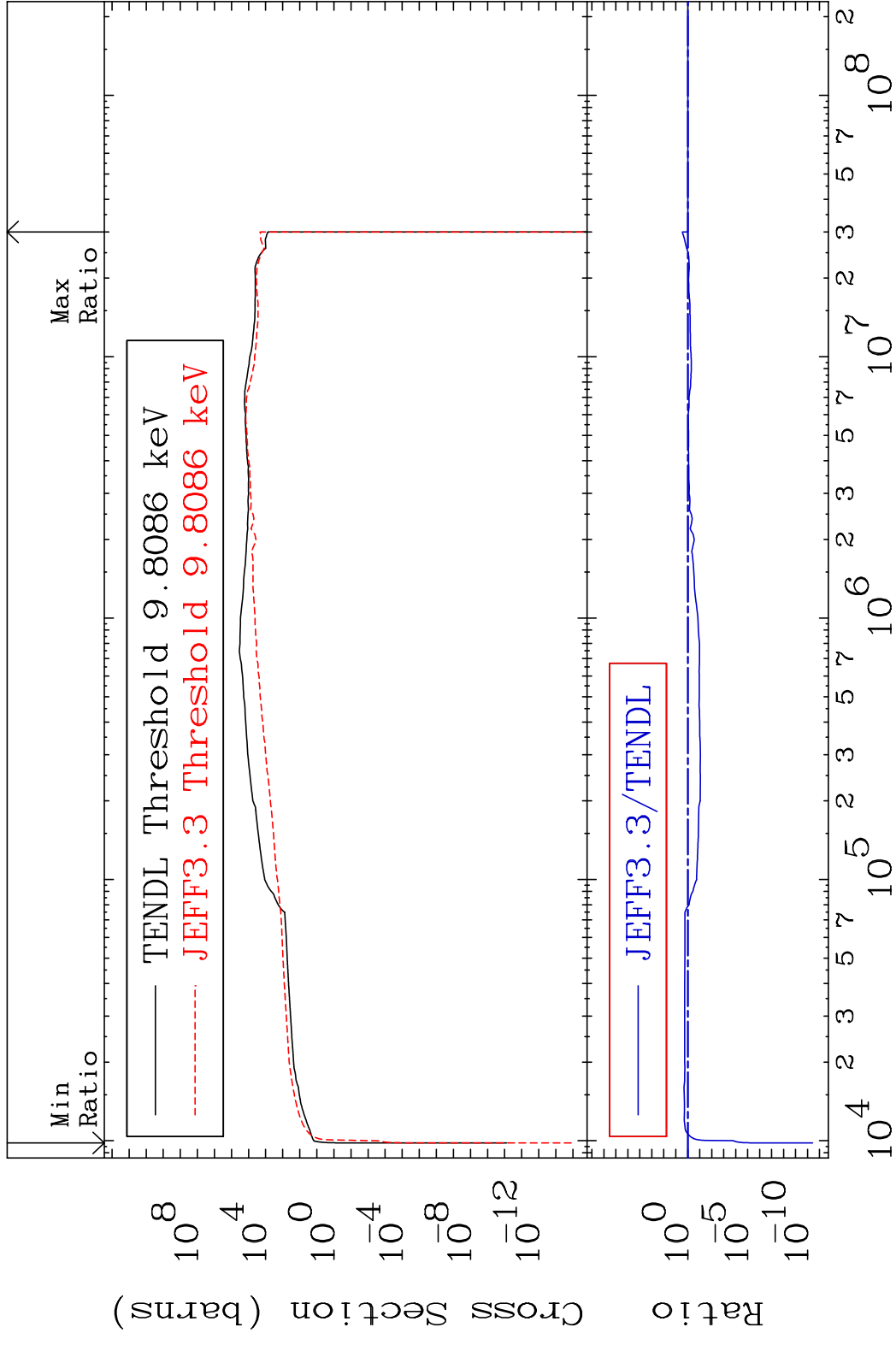
MAT 7634 (n,d):75-Re-186g 76-0s-187
 Radionuclide Production Cross Section 186g Re-186 9999. %



MAT 7634 (n, d):75-Re-186m4 76-0s-187
 Radionuclide Production Cross Section 485210 9999. %

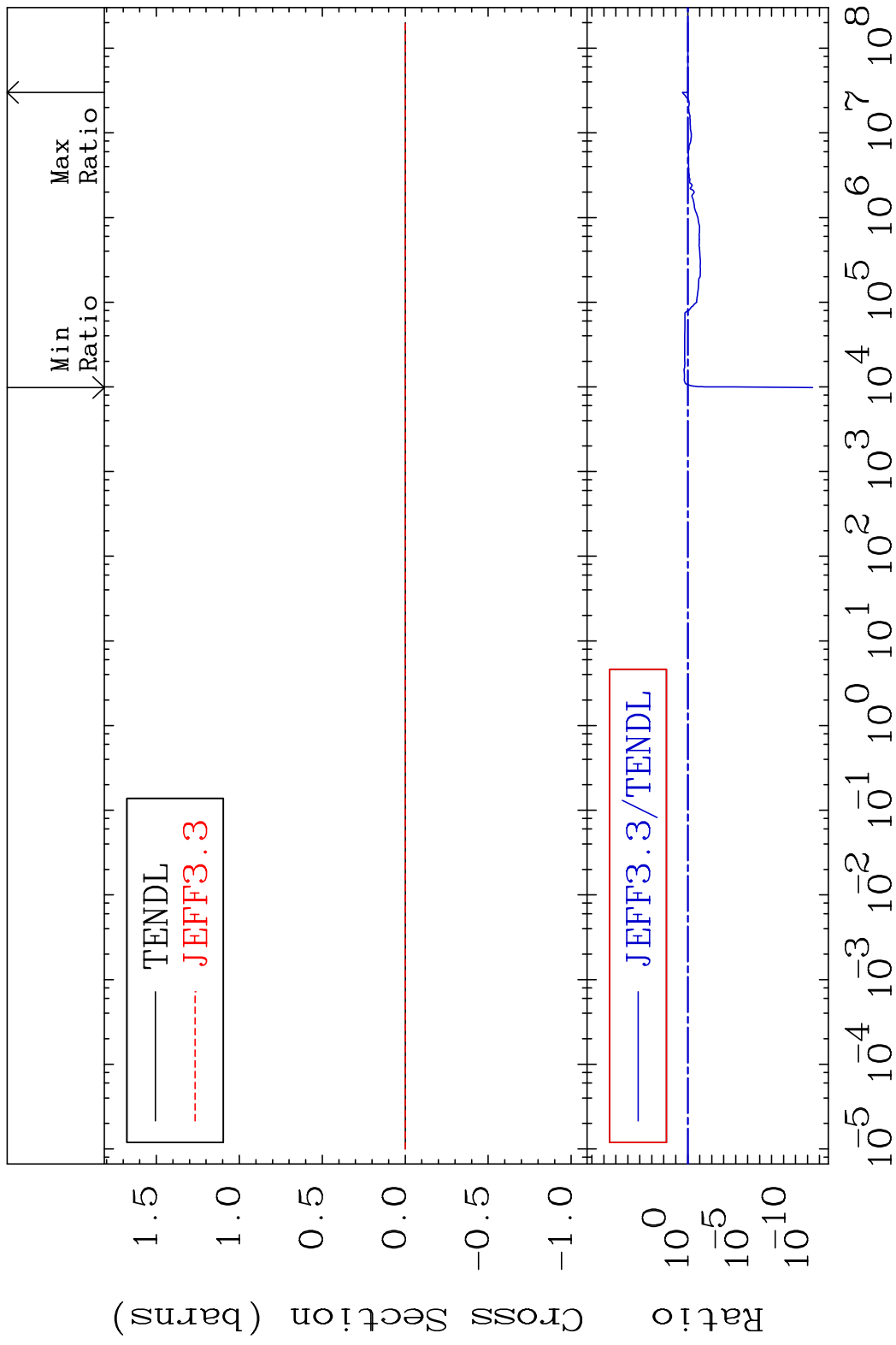


MAT 7634 Kerma inelastic (mt51-91) 76-Os-187
 Cross Section -100.0 To 182.4 %



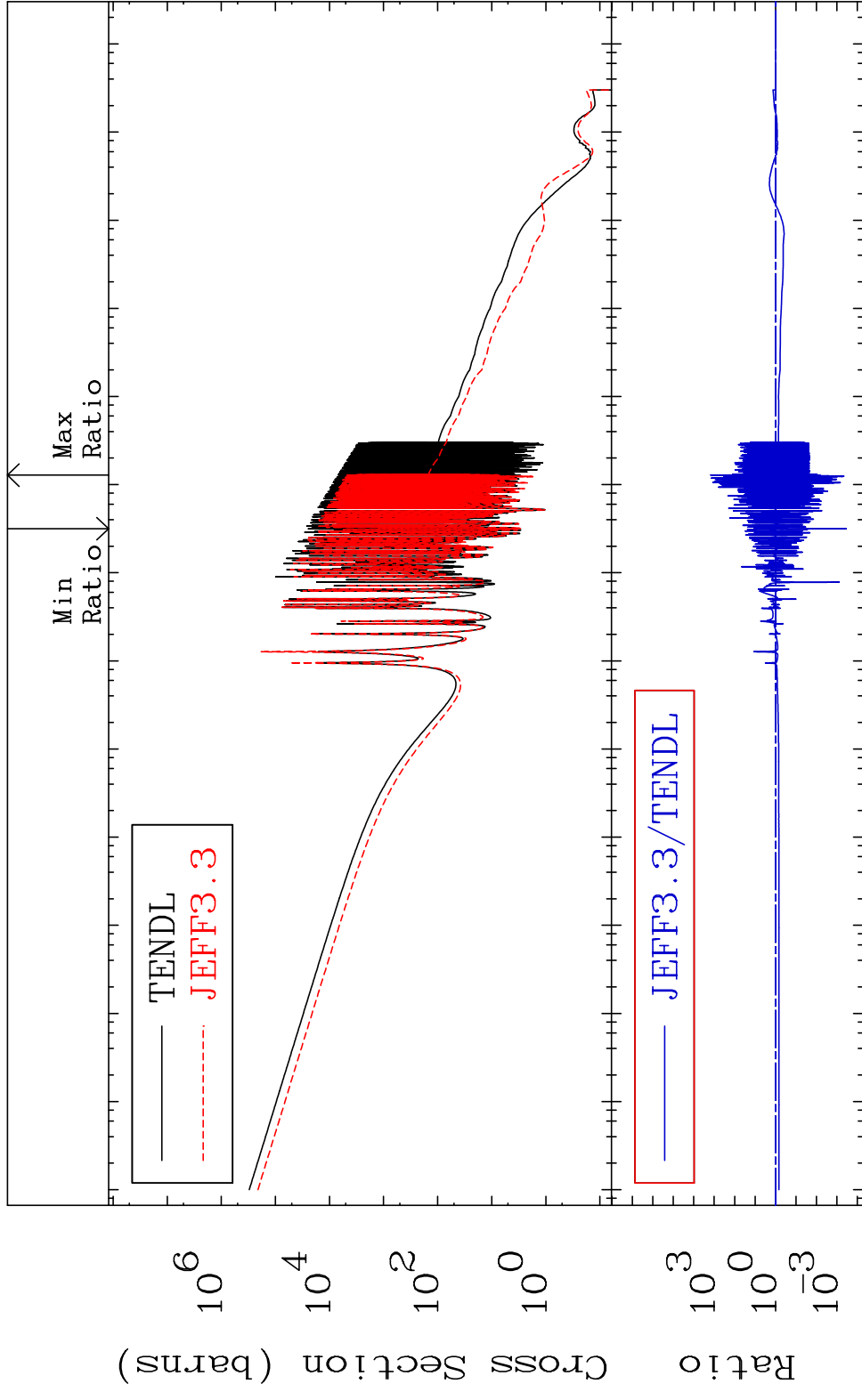
71 Incident Energy (eV) 76-Os-187

MAT 7634 Kerma fission (mt18 or mt19-20-21-38)76-0s-187
 Cross Section -100.0 To 182.4 %



MAT 7634

Kerma capture (mt102) 76-0s-187
Cross Section -99.97 To 9999. %



73

Incident Energy (eV)

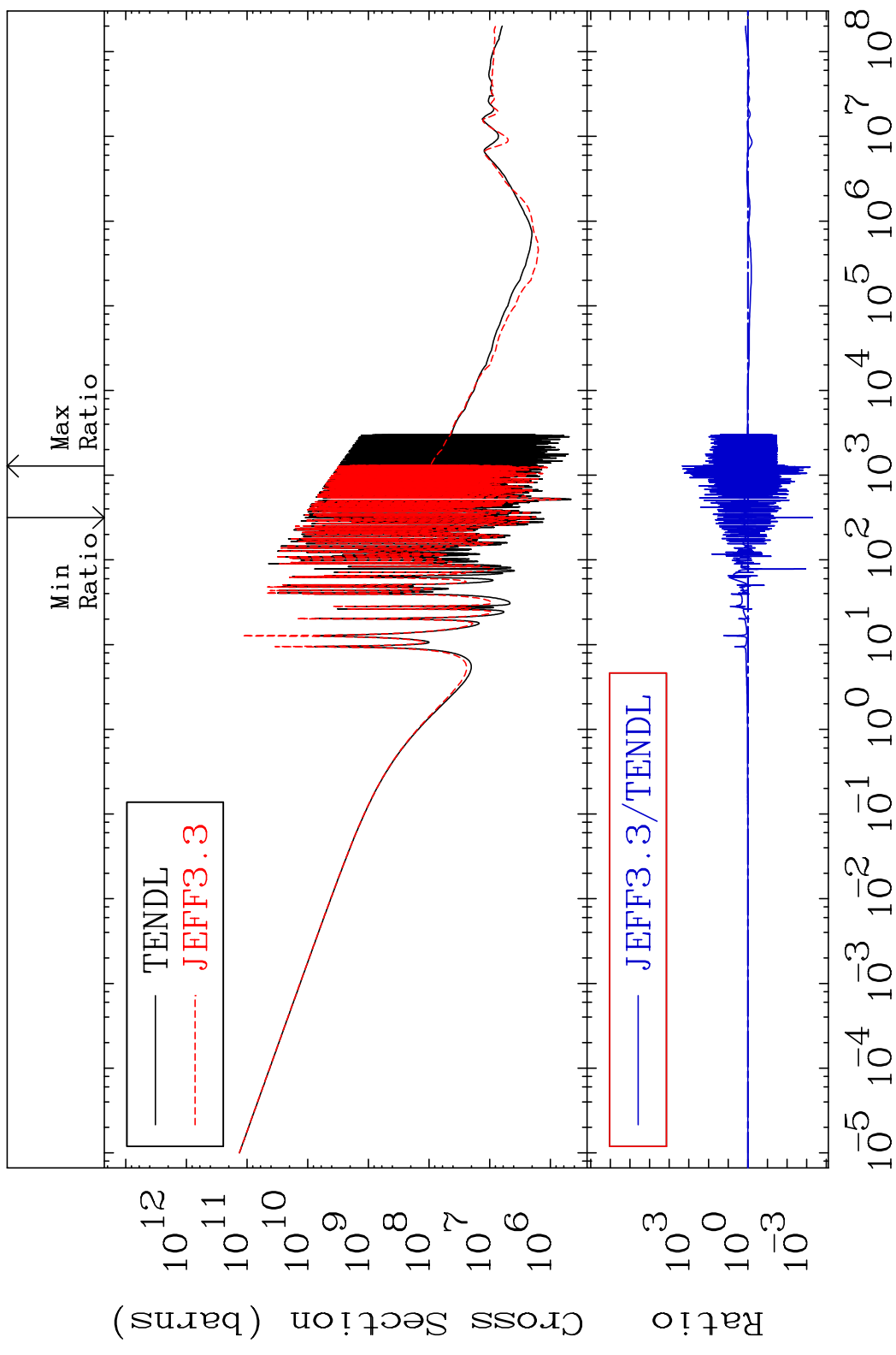
76-0s-187

MAT 7634

Total photon (eV-barns)

76-0s-187

Cross Section -99.95 To 9999. %

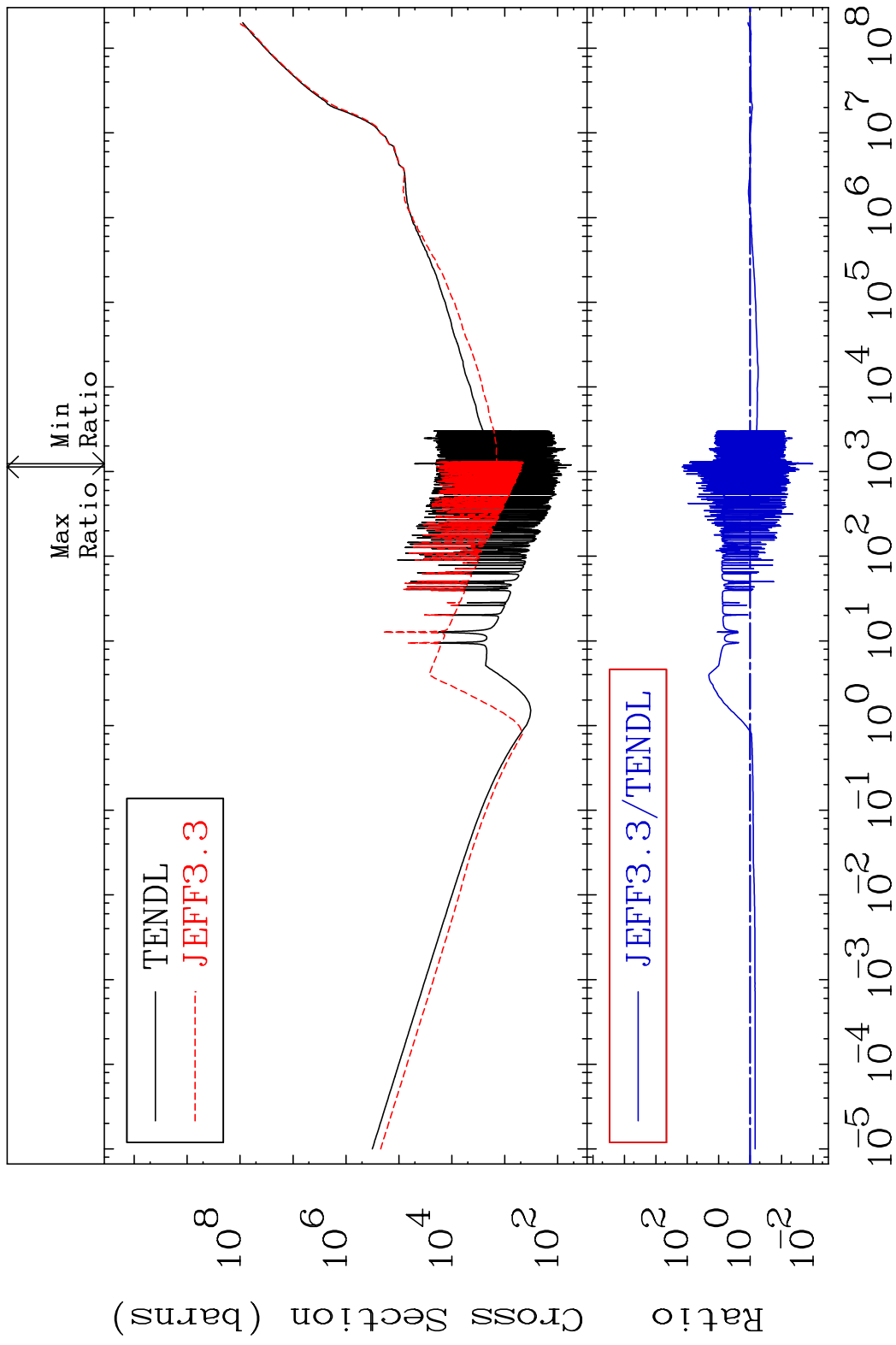


74

Incident Energy (eV)

76-0s-187

MAT 7634 Total kinematic kerma (high limit) 76-0s-187
 Cross Section -98.97 To 9999. %



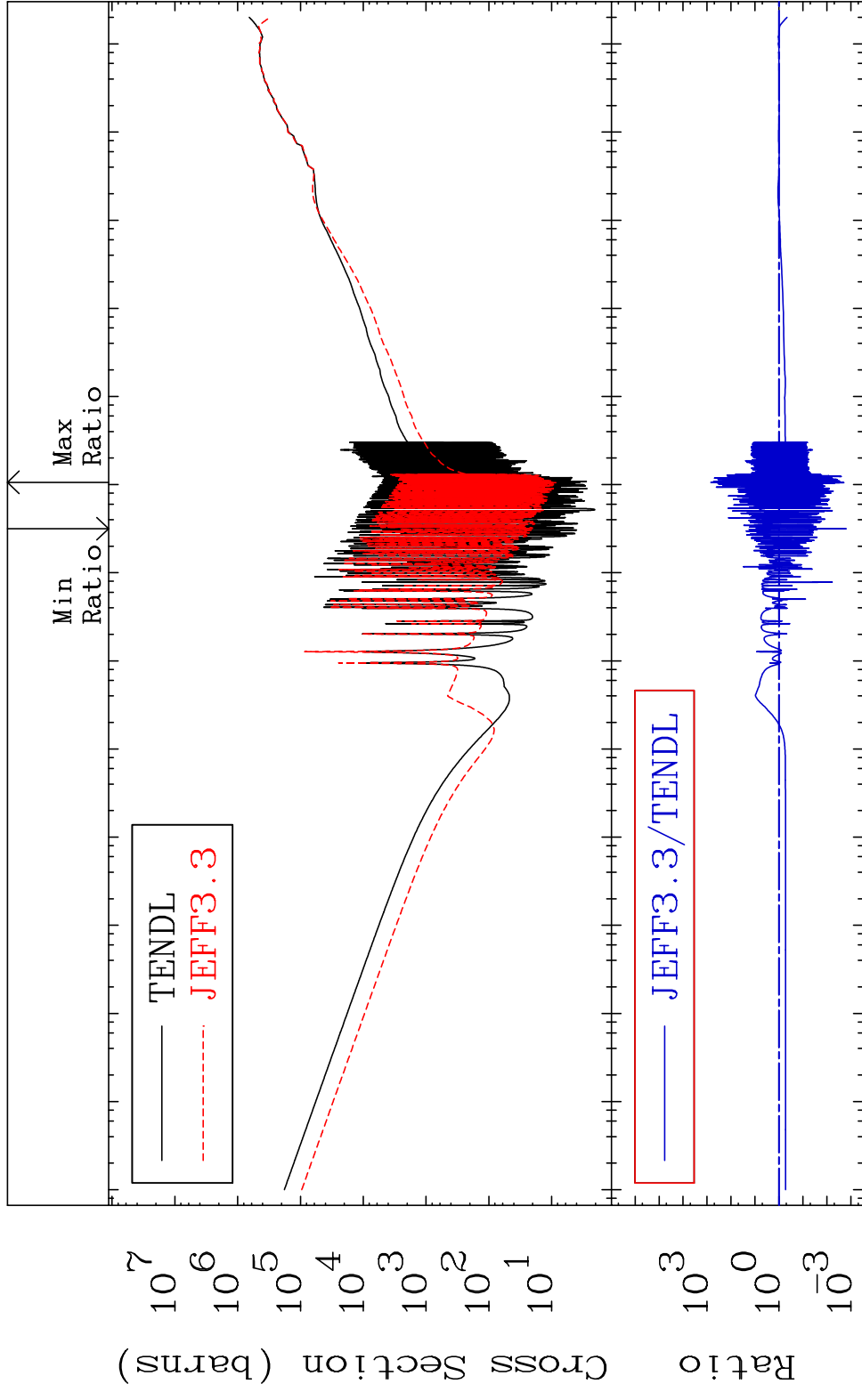
75 Incident Energy (eV) 76-0s-187

MAT 7634

Dpa total (eV-barns)

76-0s-187

Cross Section -99.84 To 9999. %



76

Incident Energy (eV)

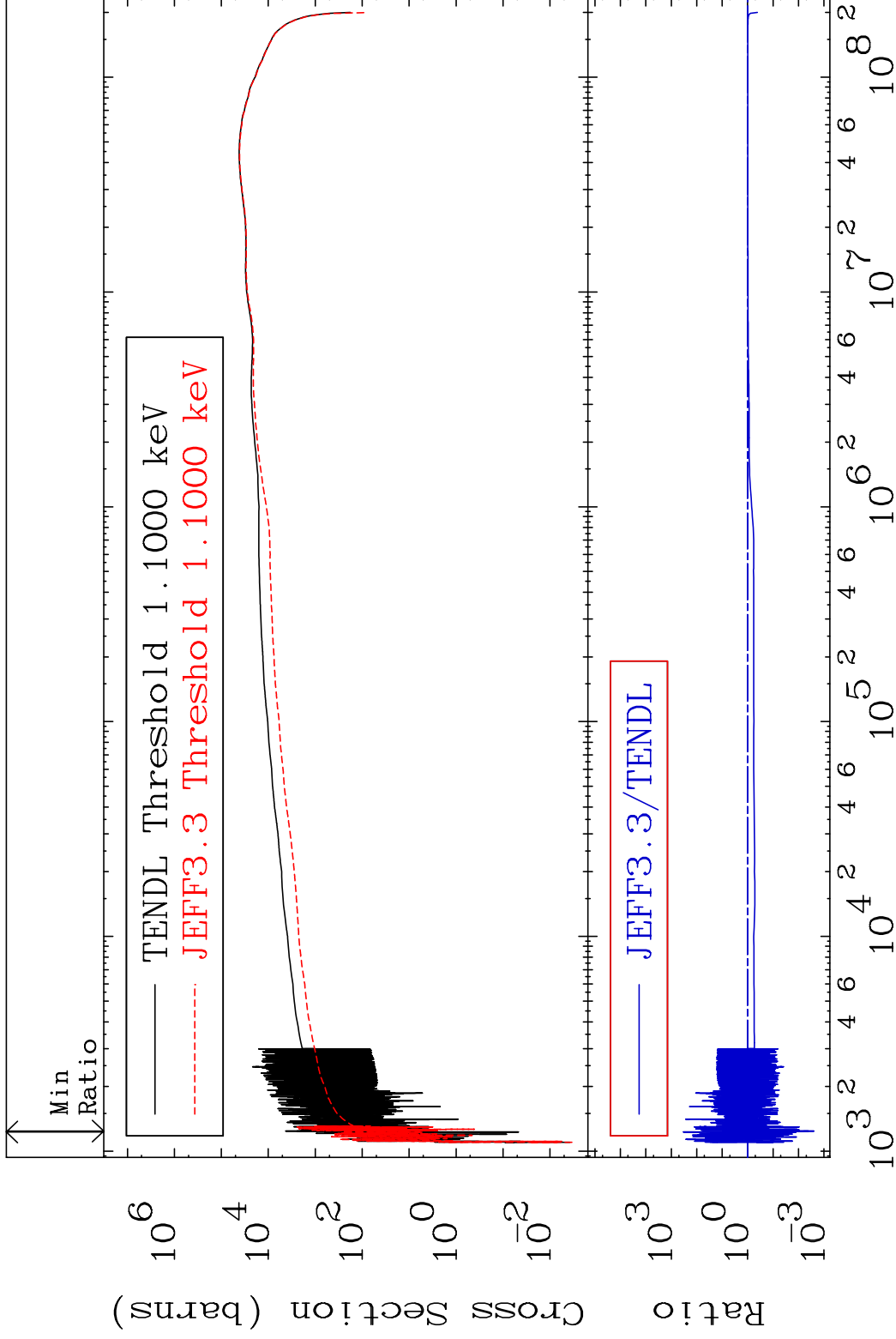
76-0s-187

MAT 7634

Dpa elastic (mt2)

76-0s-187

Cross Section -99.75 To 9999. %

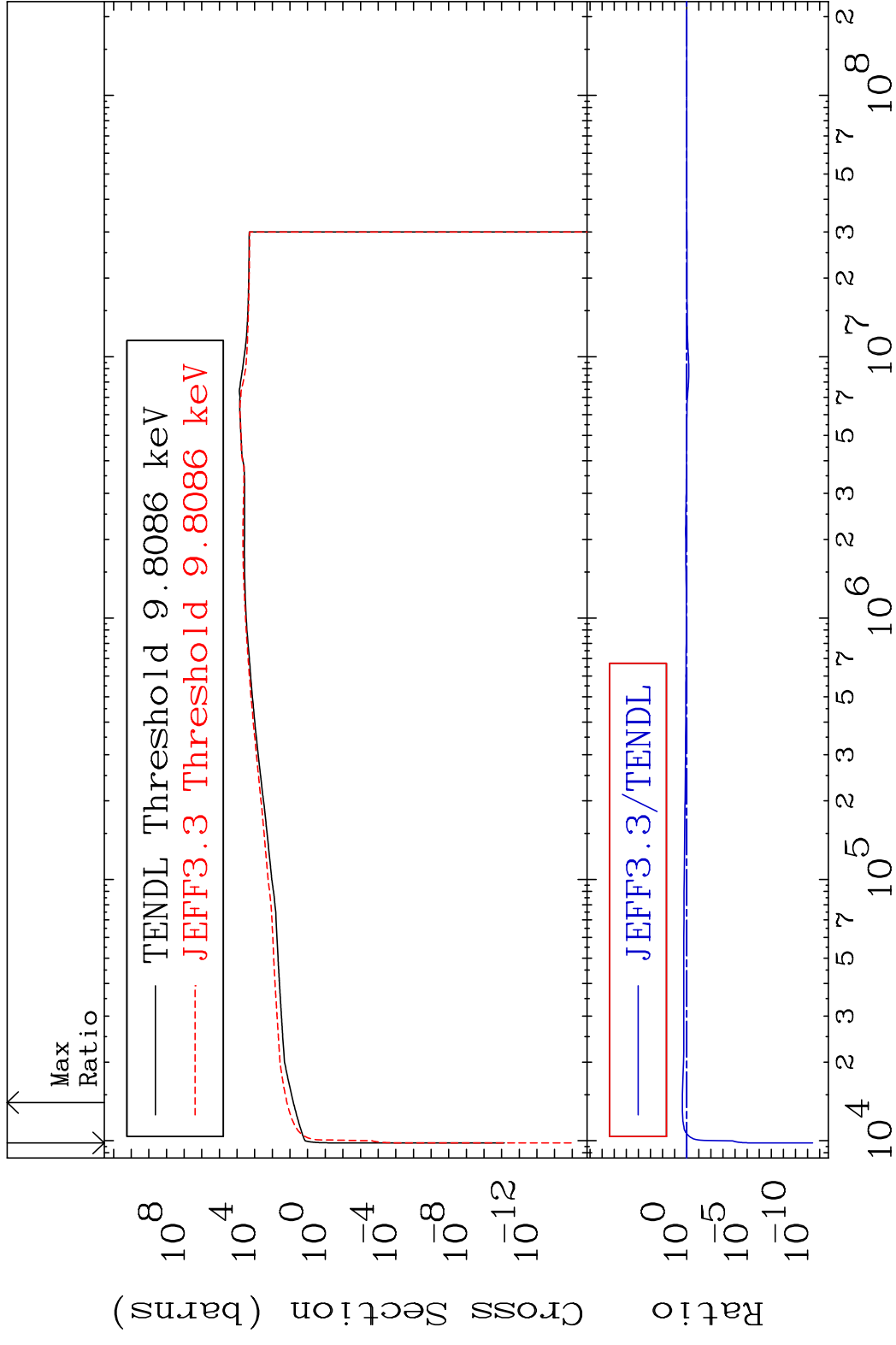


77

Incident Energy (eV)

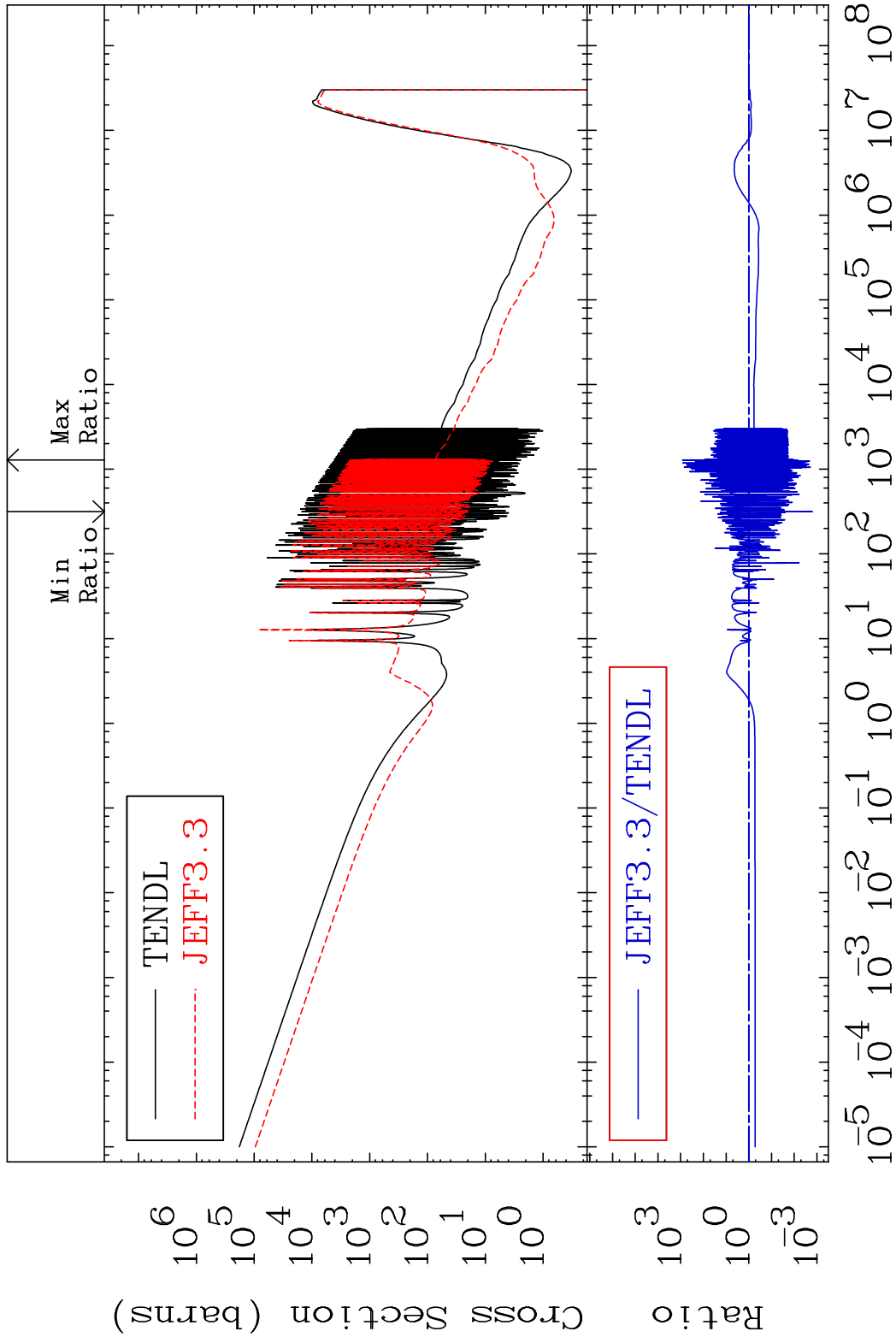
76-0s-187

MAT 7634 Dpa inelastic (mt51-91) 76-Os-187
 Cross Section -100.0 To 131.6 %



78 Incident Energy (eV) 76-Os-187

MAT 7634 Dpa disappearance (mt102 -120) 76-0s-187
 Cross Section -99.84 To 9999. %



79 Incident Energy (eV) 76-0s-187

MAT 7634 (n,2n) d:75-Re-184g 76-0s-187
 Radionuclide Production Cross Section 9999. %

