

Program Complot
(Version 2021-1)

by

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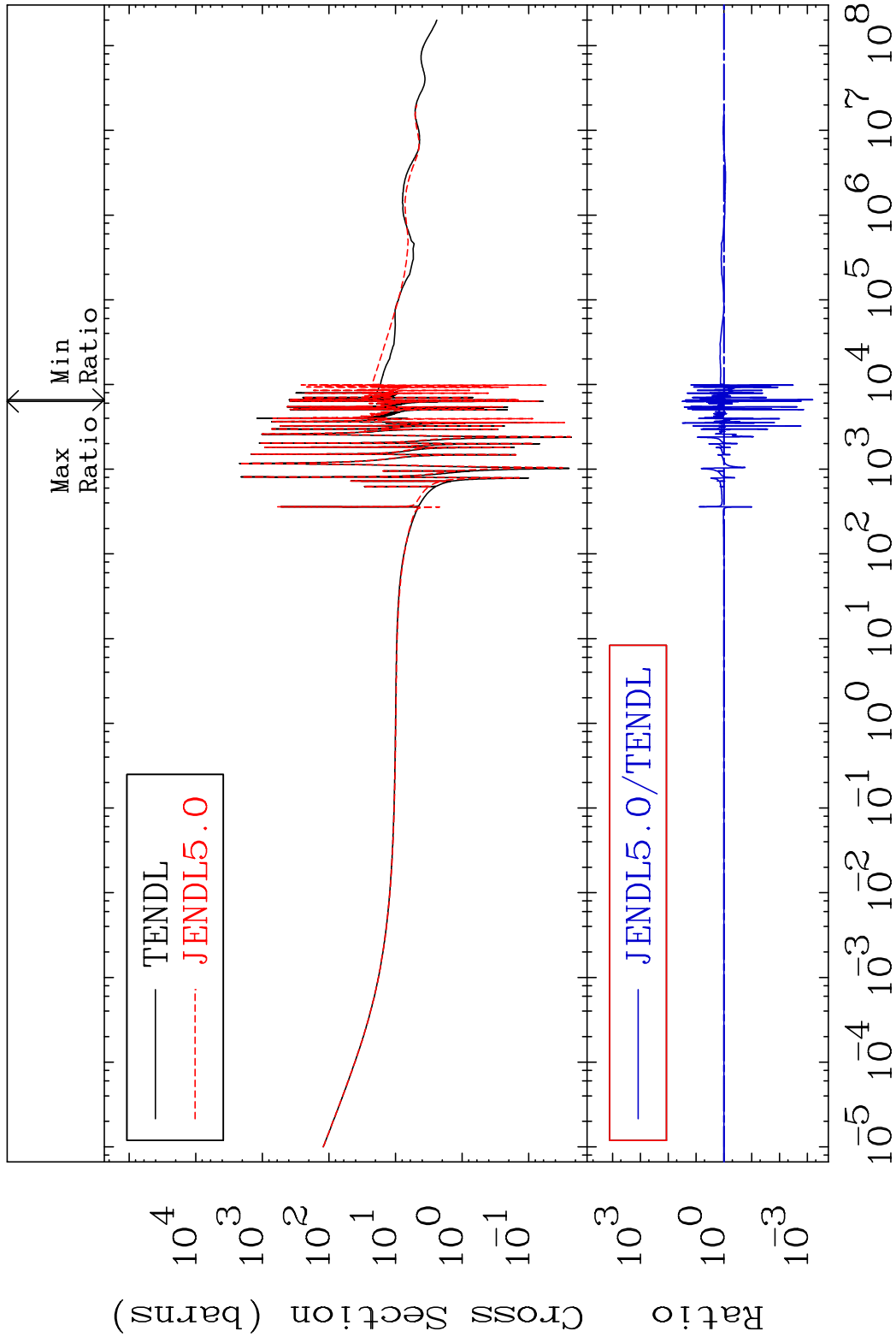
Press Mouse Button to Start

MAT 6037

Total

60-Nd-146

Cross Section -99.94 To 3001. %



1

Incident Energy (eV)

60-Nd-146

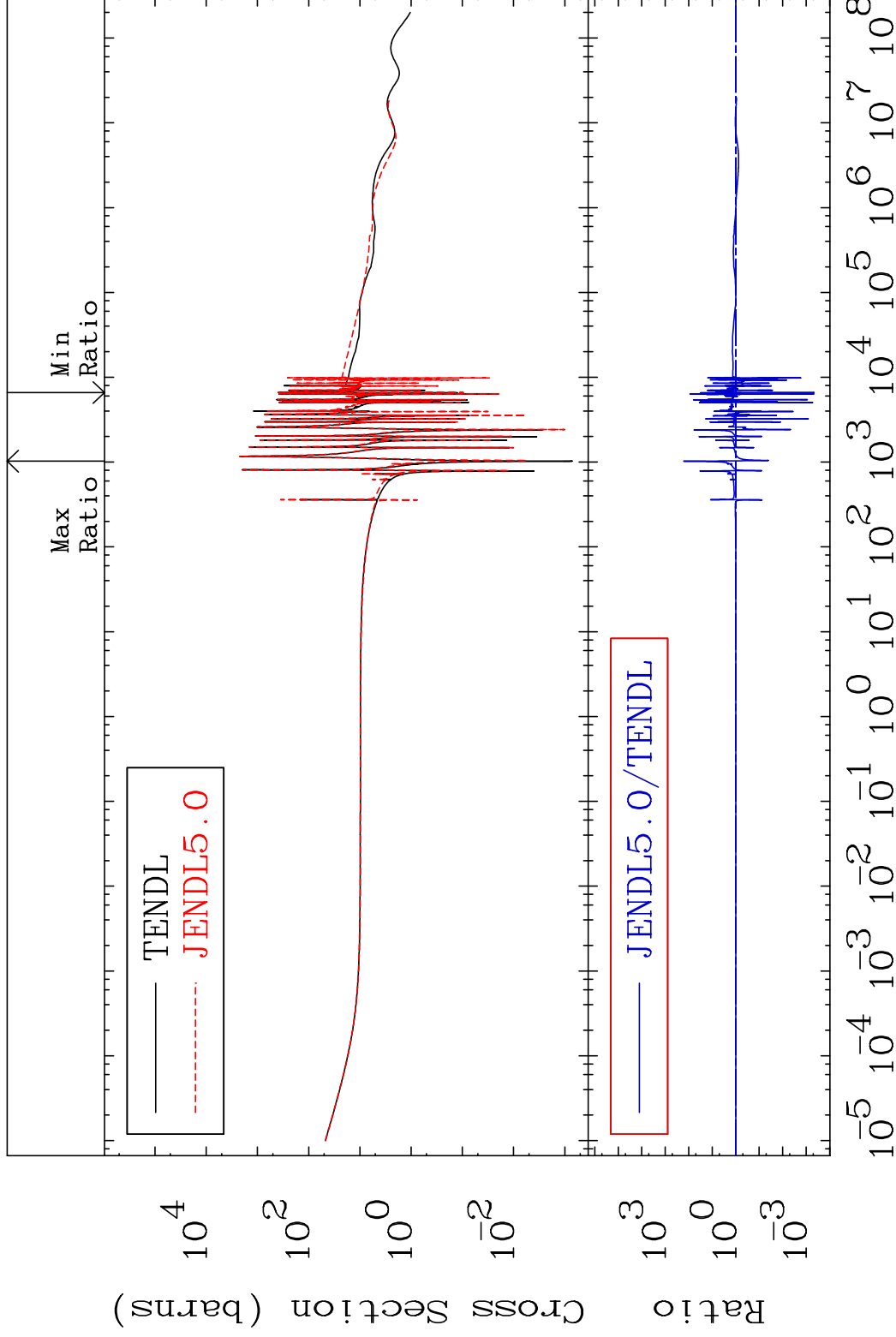
MAT 6037

Elastic

60-Nd-146

Cross Section

-99.95 To 9999. %



2

Incident Energy (eV)

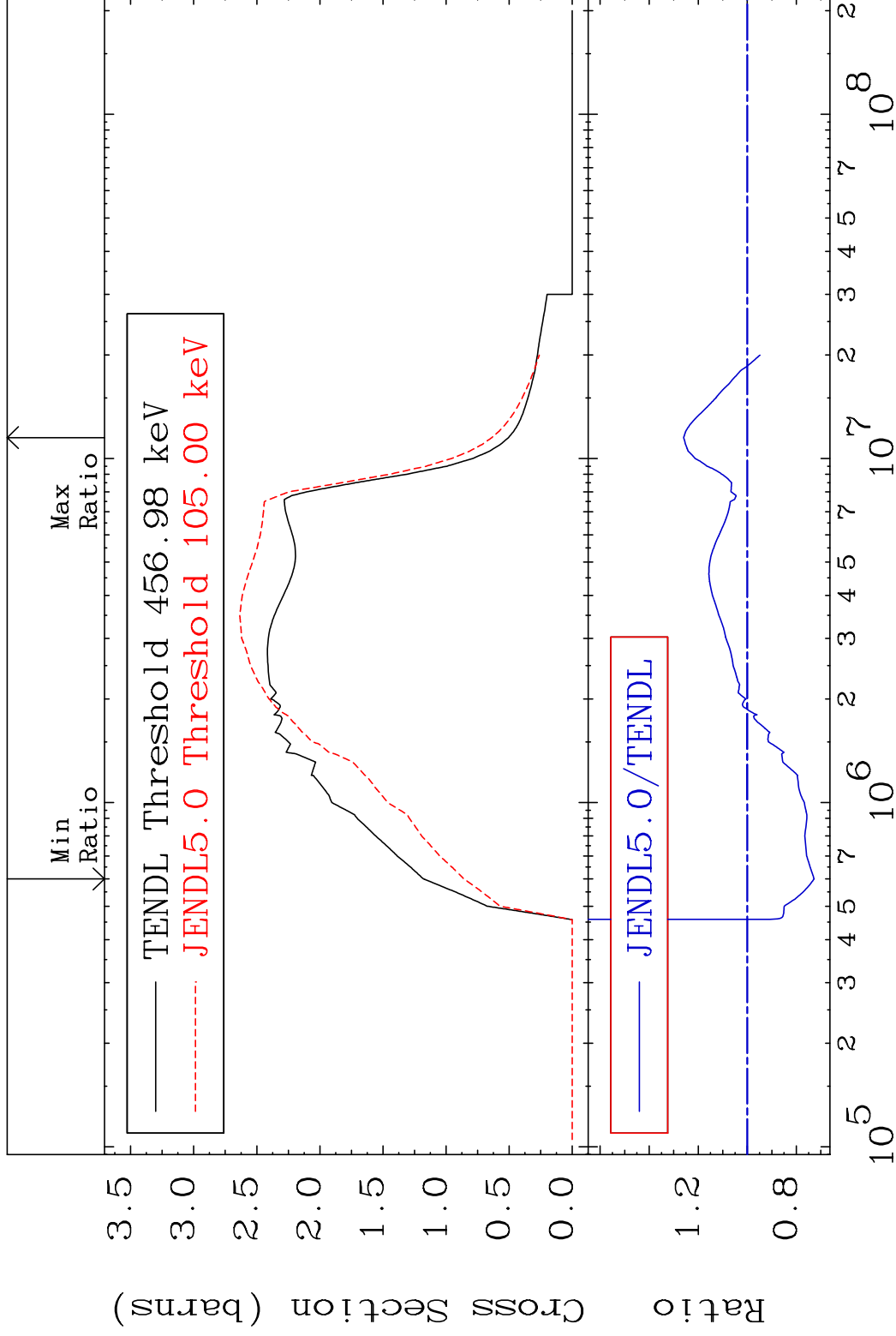
60-Nd-146

MAT 6037

Inelastic

60-Nd-146

Cross Section -27.23 To 25.95 %



3

Incident Energy (eV)

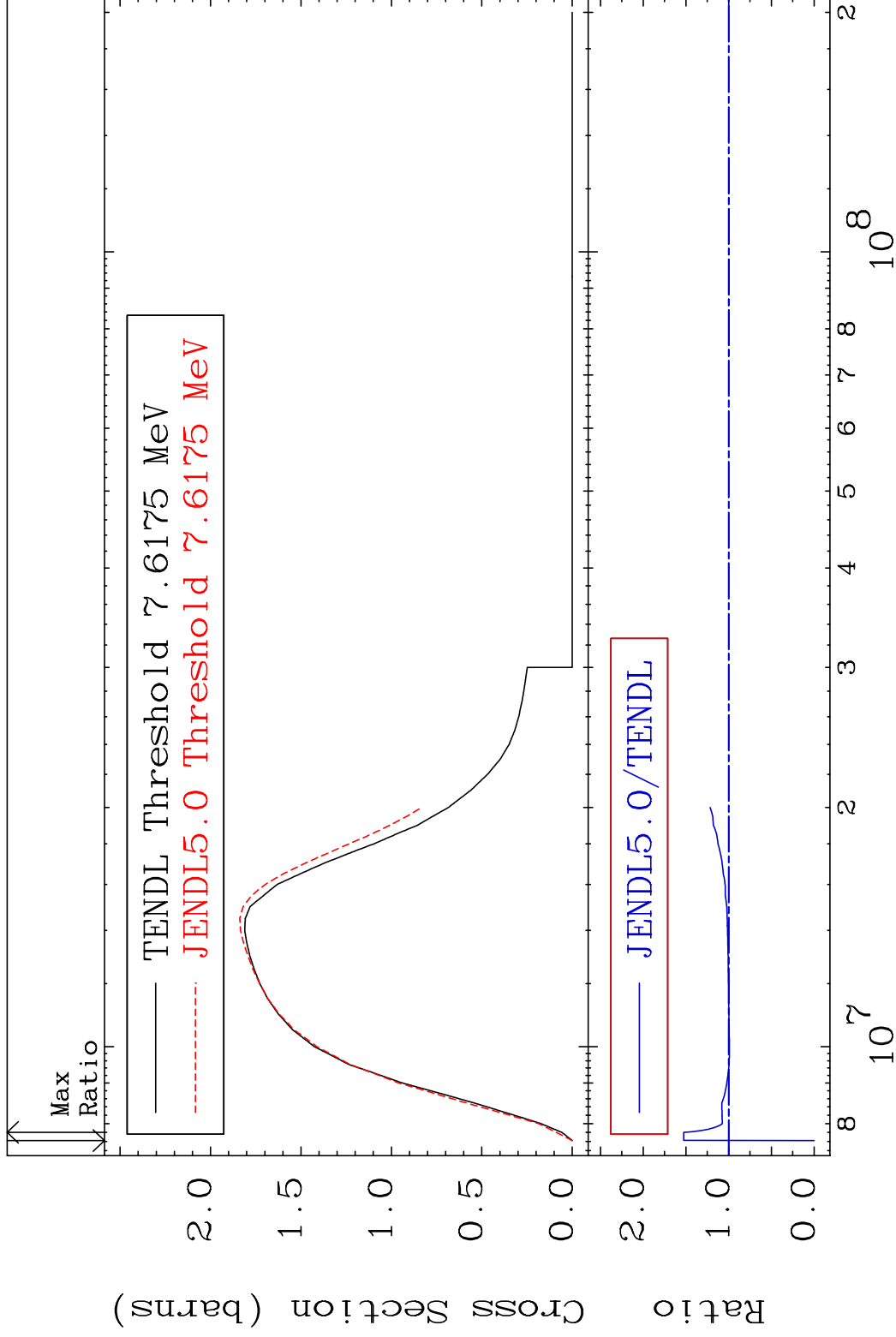
60-Nd-146

MAT 6037

(n,2n)

60-Nd-146

Cross Section -100.0 To 52.64 %



4

Incident Energy (eV)

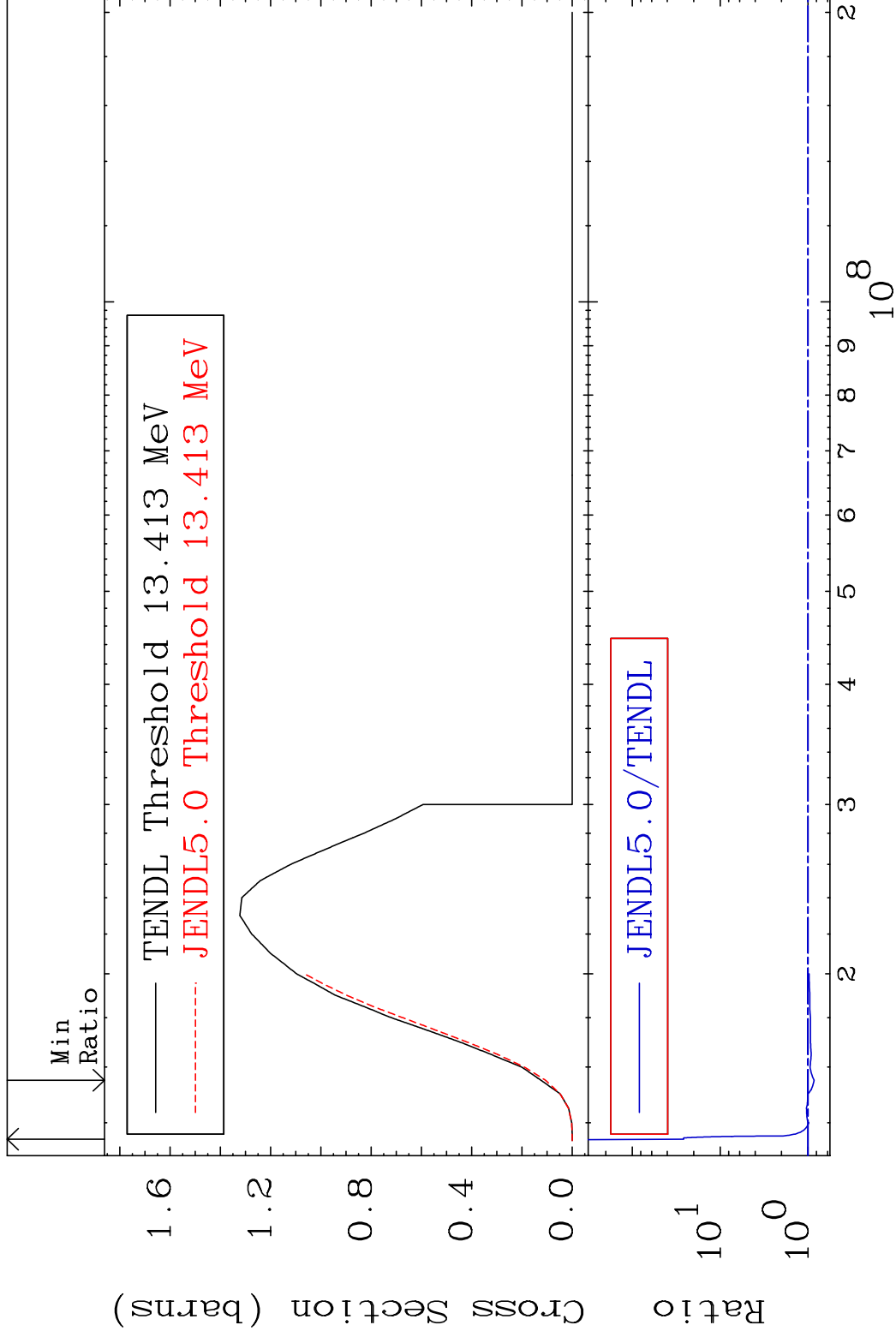
60-Nd-146

MAT 6037

(n,3n)

60-Nd-146

Cross Section -14.71 To 2501. %



5

Incident Energy (eV)

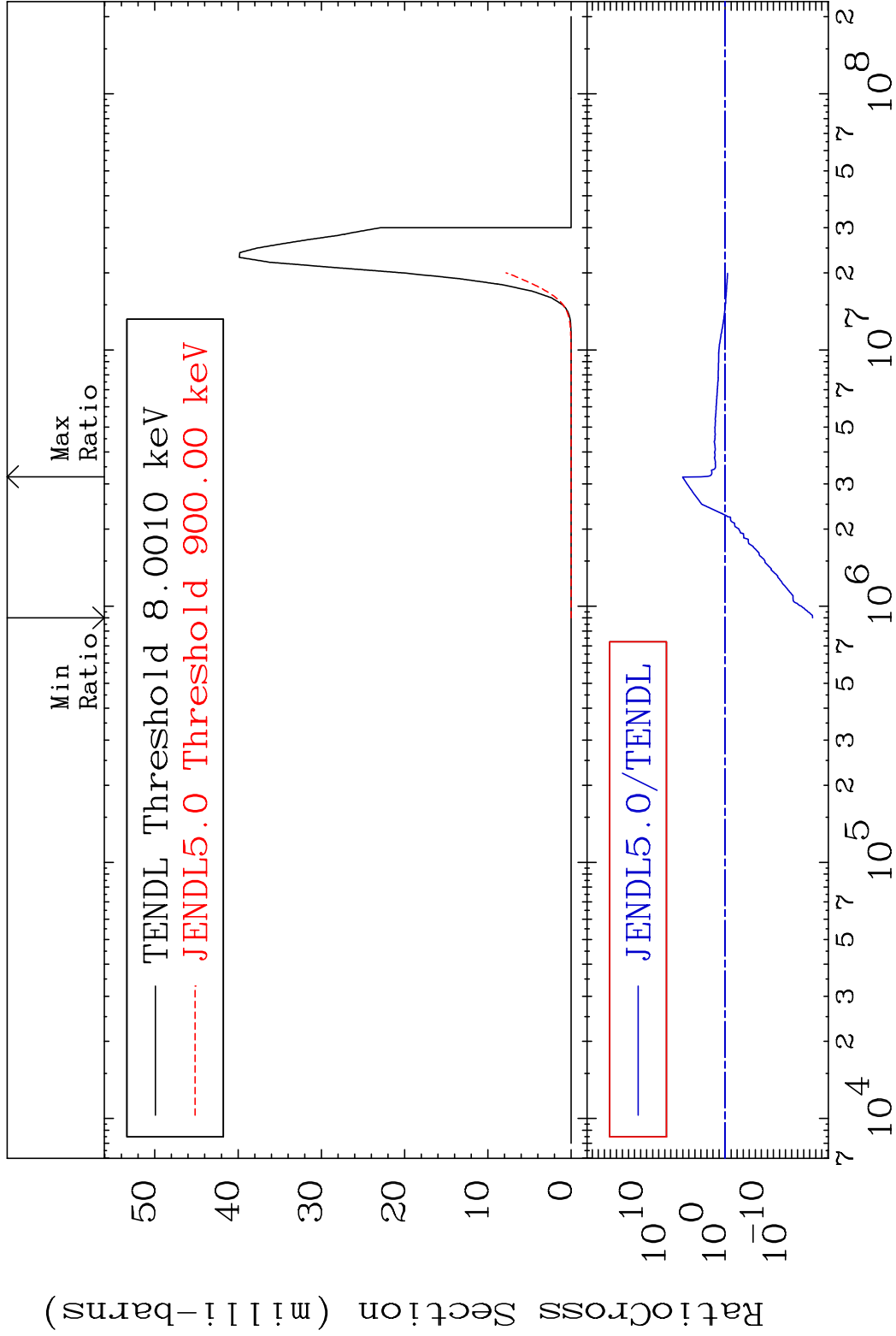
60-Nd-146

MAT 6037

(n, n') α

60-Nd-146

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

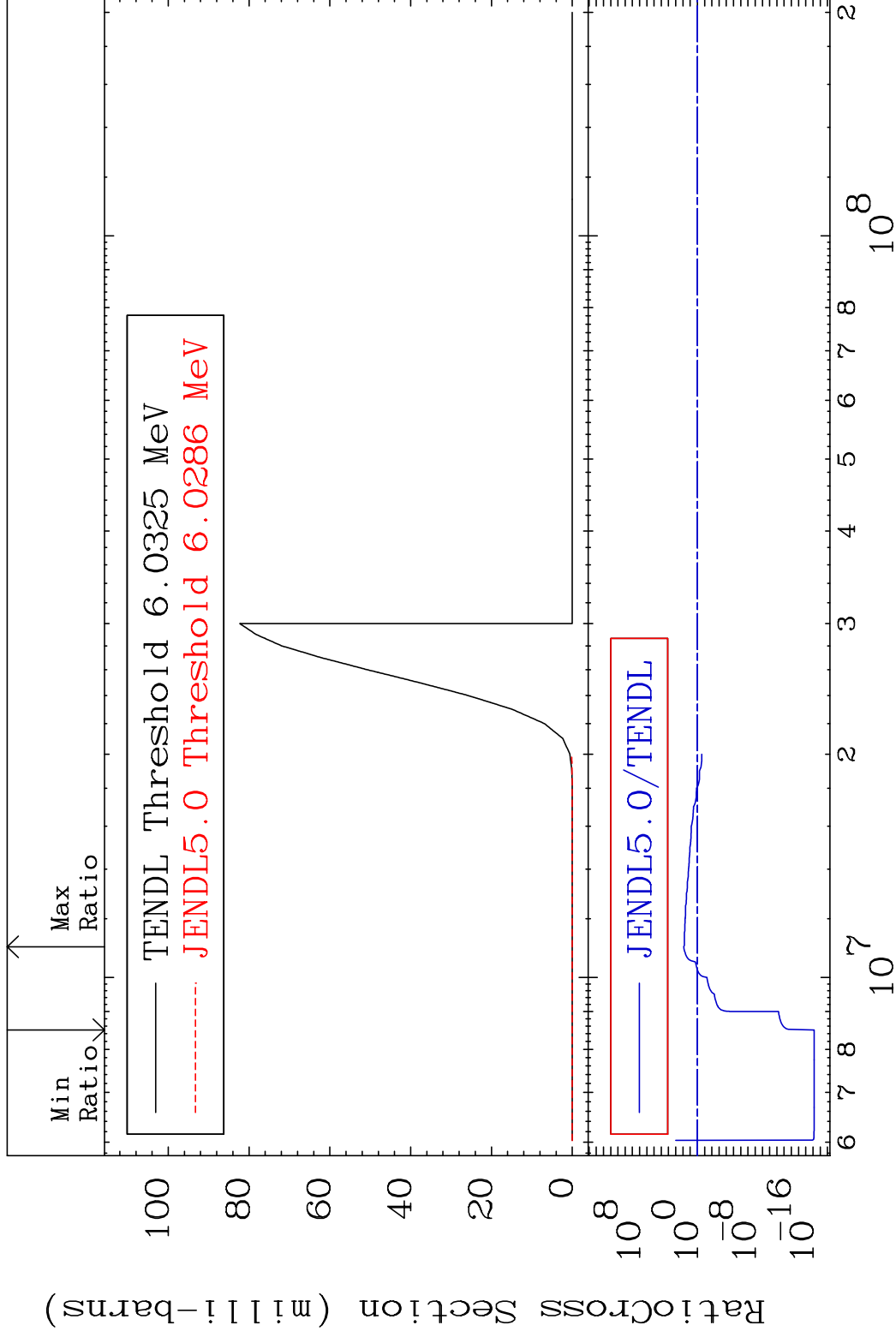
60-Nd-146

MAT 6037

(n,2n) α

60-Nd-146

Cross Section -100.0 To 7873. %



7

Incident Energy (eV)

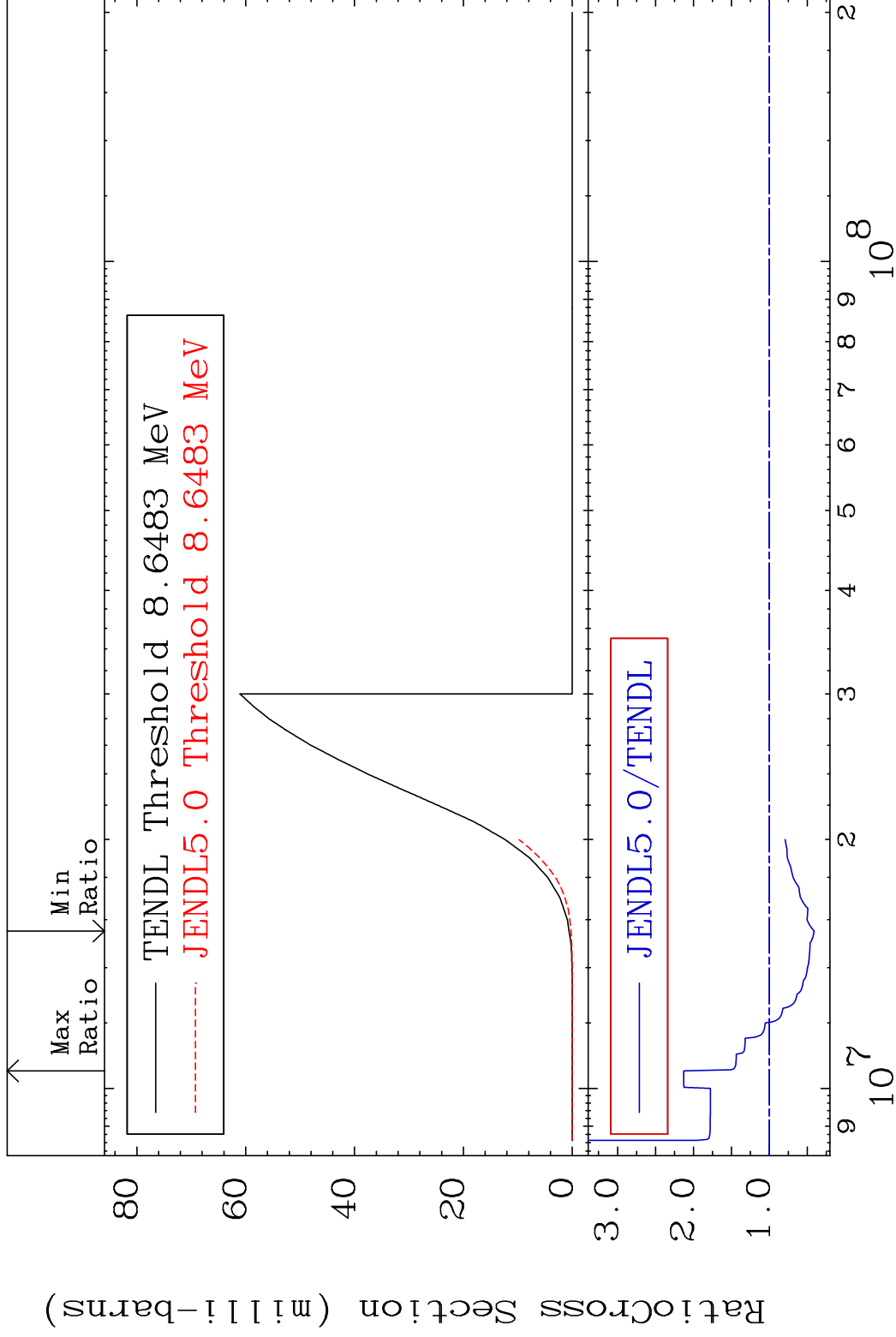
60-Nd-146

MAT 6037

(n, n') p

60-Nd-146

Cross Section -58.88 To 112.9 %



8

Incident Energy (eV)

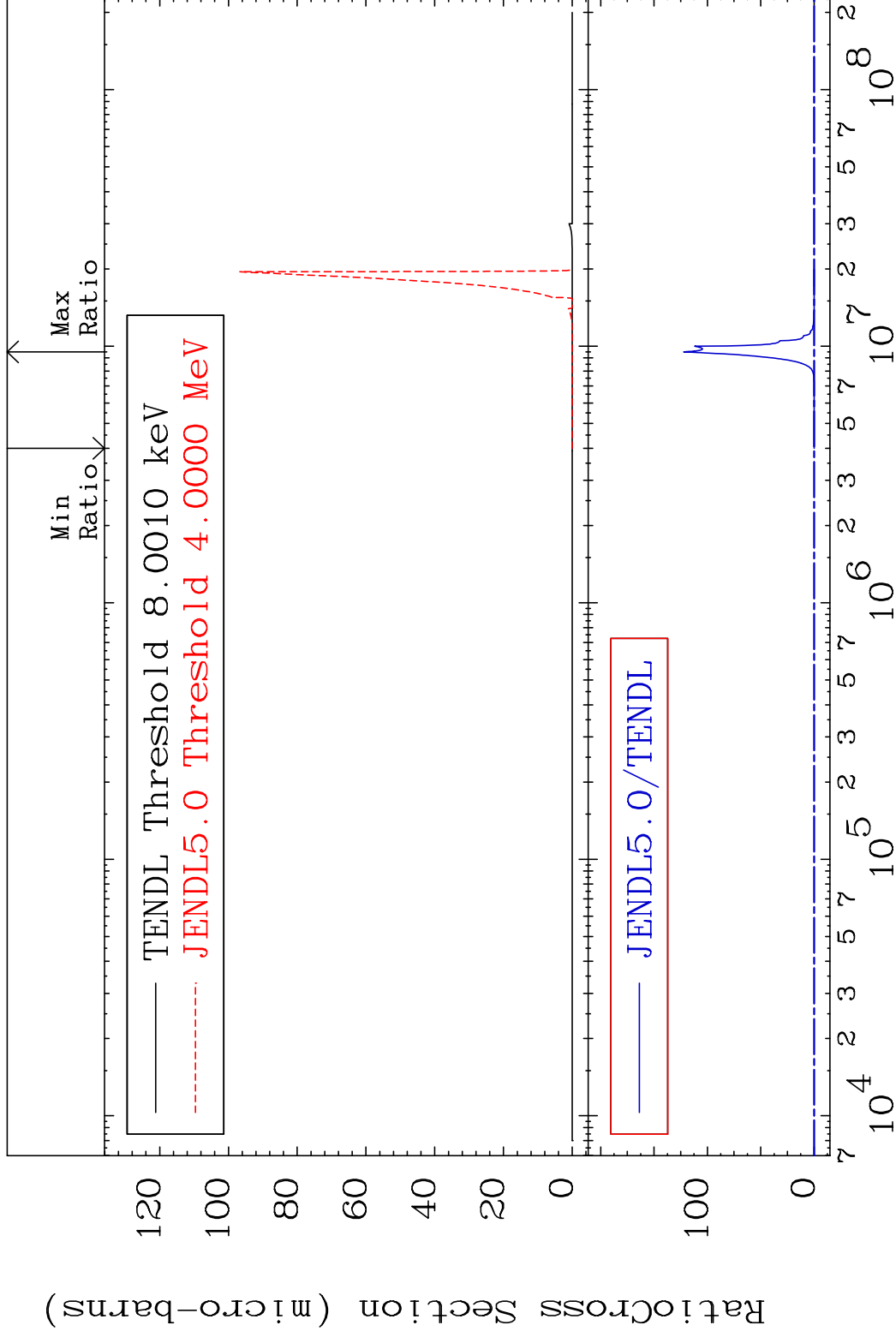
60-Nd-146

MAT 6037

(n, n') 2 α

60-Nd-146

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

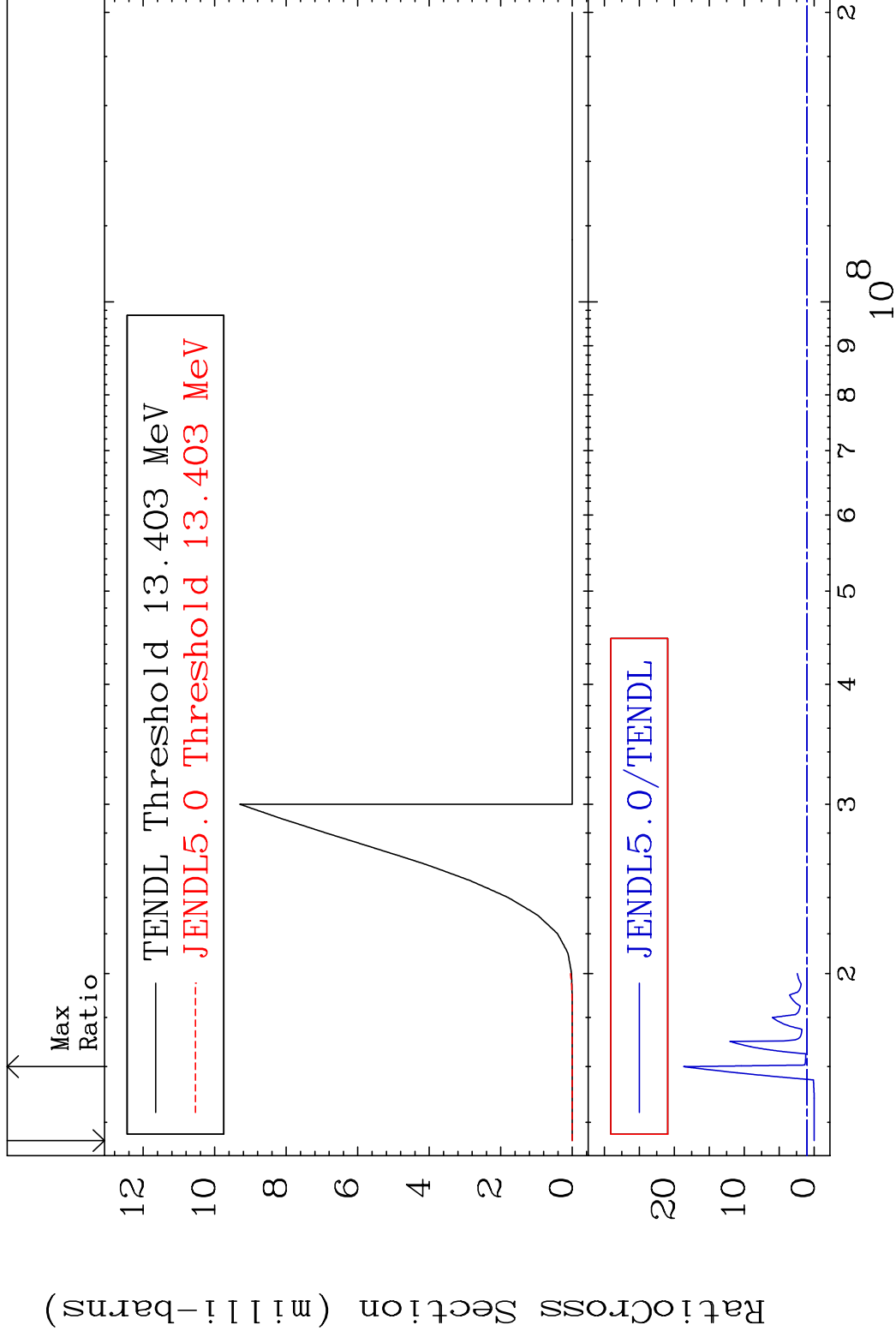
60-Nd-146

MAT 6037

(n, n') d

60-Nd-146

Cross Section -100.0 To 1765. %



10

Incident Energy (eV)

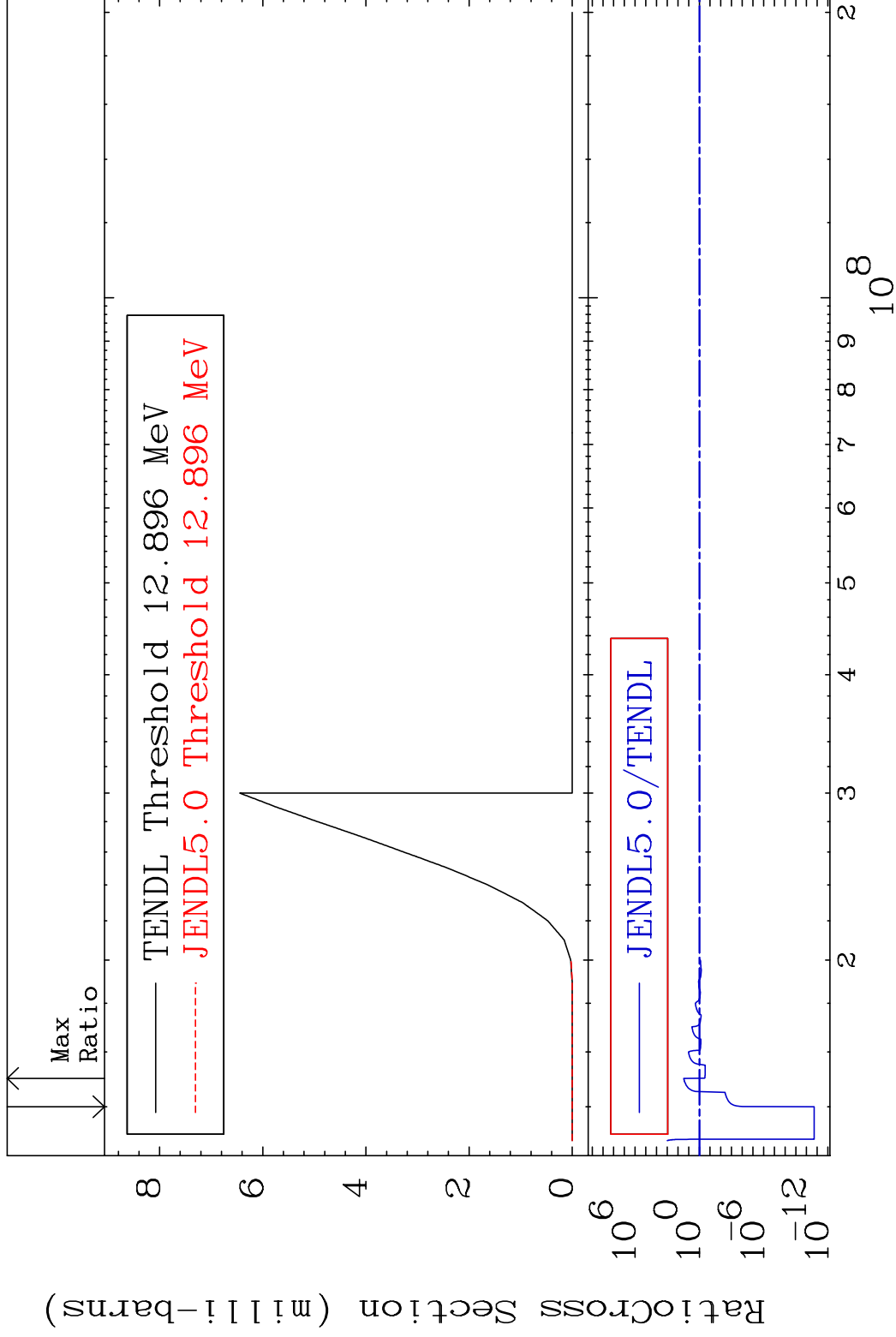
60-Nd-146

MAT 6037

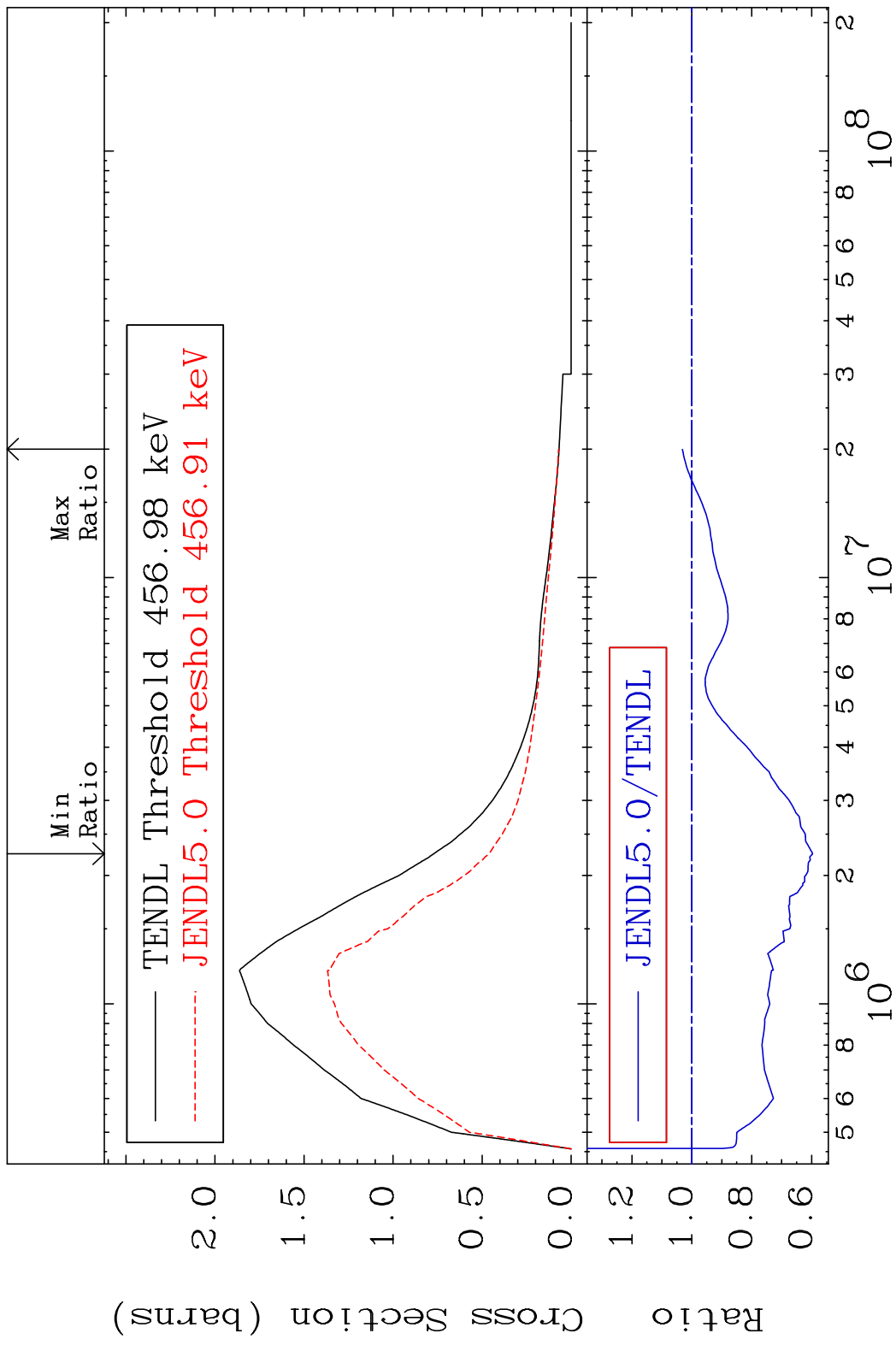
(n, n') t

60-Nd-146

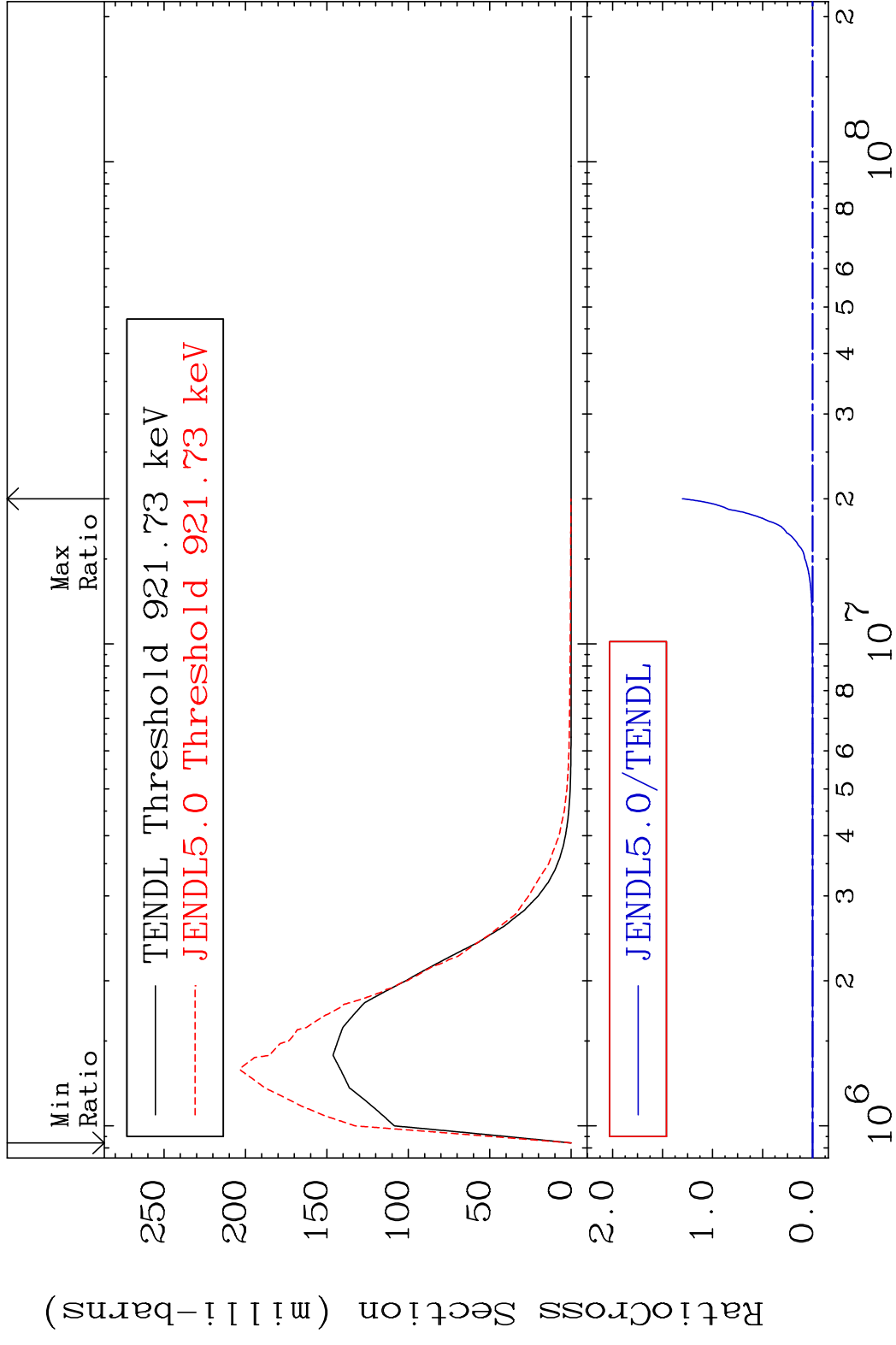
Cross Section -100.0 To 2822. %



MAT 6037 MT= 51 (n, n') Level 60-Nd-146
 Cross Section -40.30 To 3.156 %

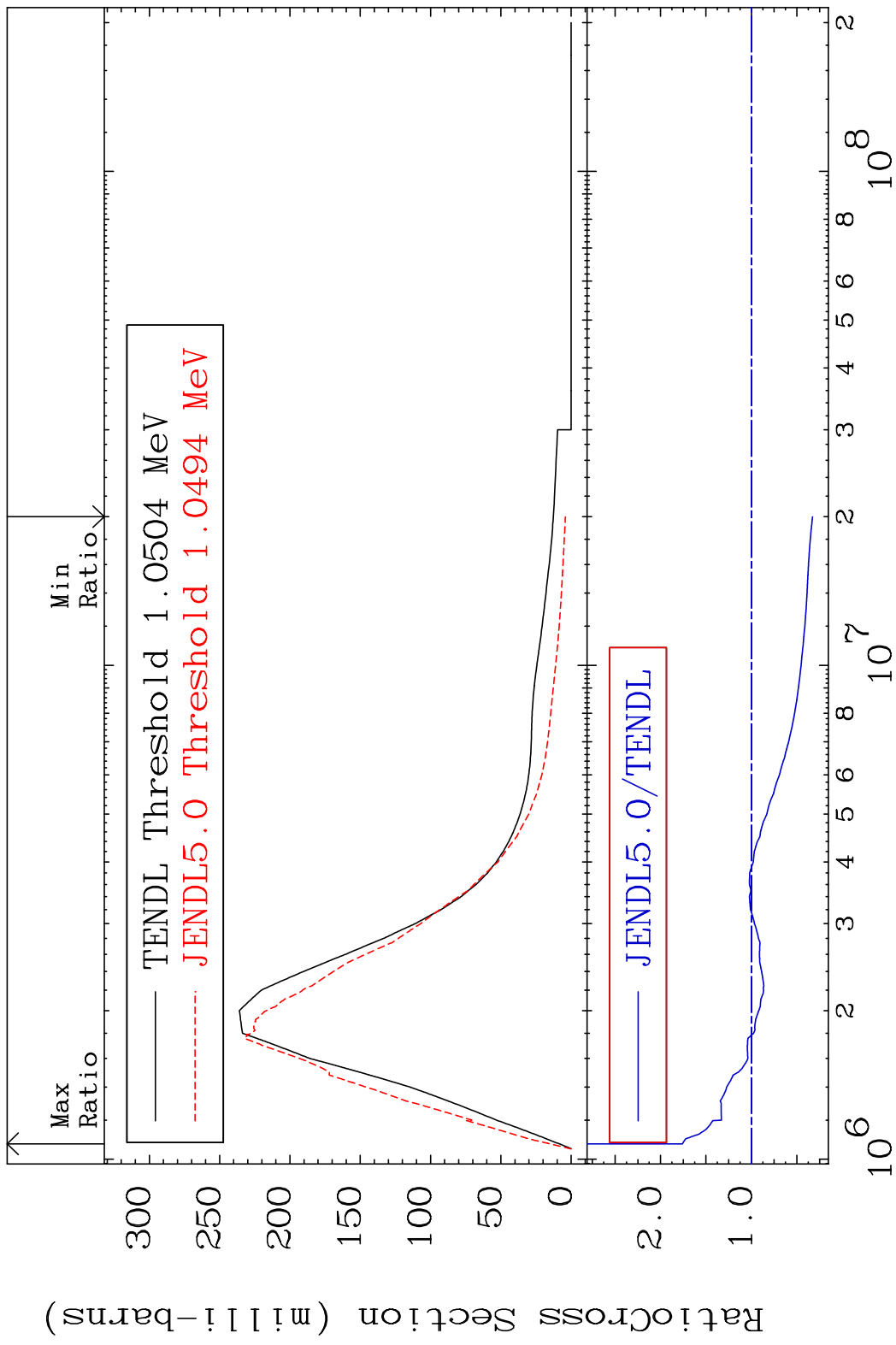


MAT 6037 MT= 52 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 9999. %



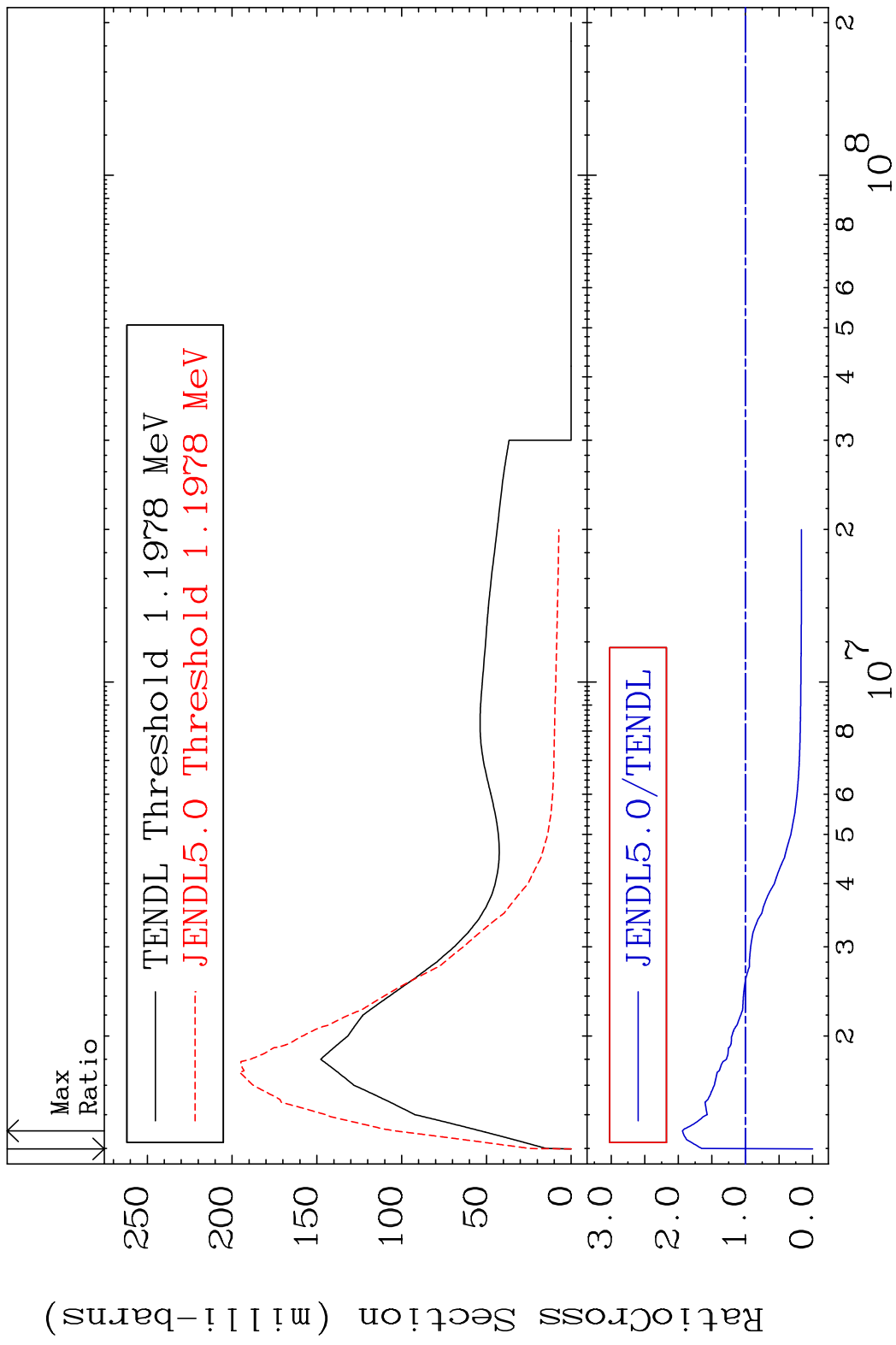
13 Incident Energy (eV) 60-Nd-146

MAT 6037 MT= 53 (n, n') Level 60-Nd-146
 Cross Section -67.27 To 76.01 %



14 Incident Energy (eV) 60-Nd-146

MAT 6037 MT= 54 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 93.98 %

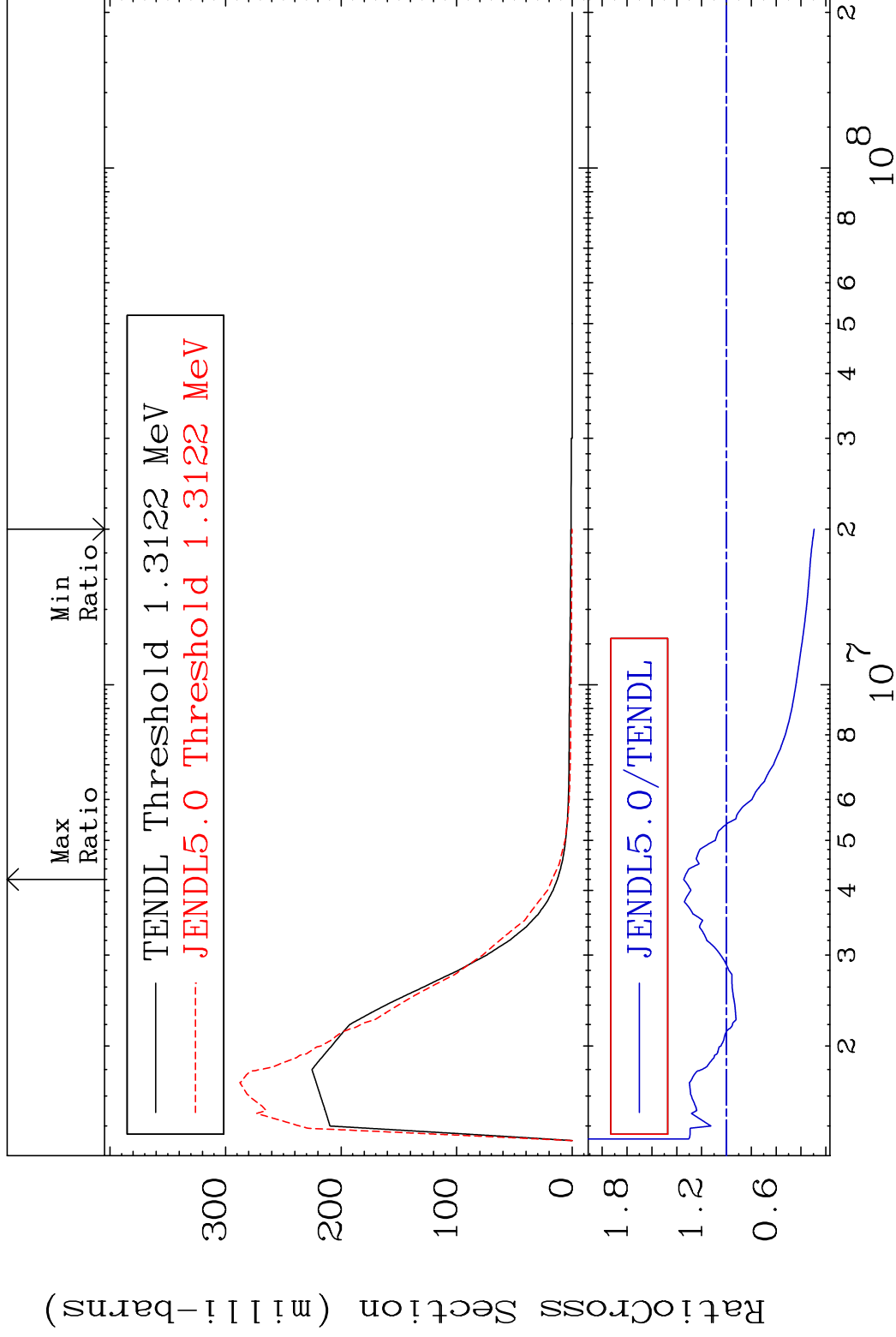


MAT 6037

MT= 55 (n, n') Level

60-Nd-146

Cross Section -70.56 To 34.44 %

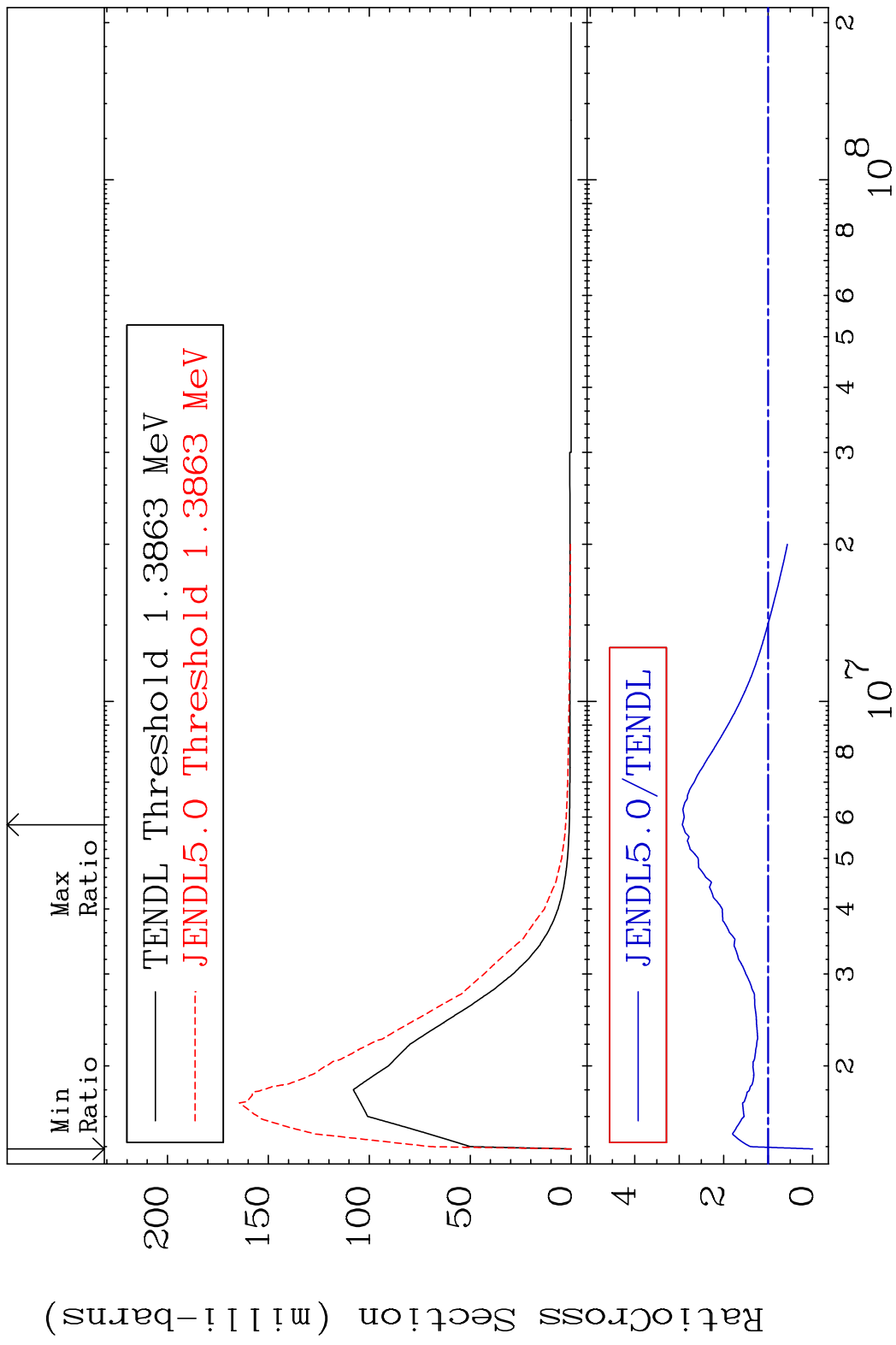


16

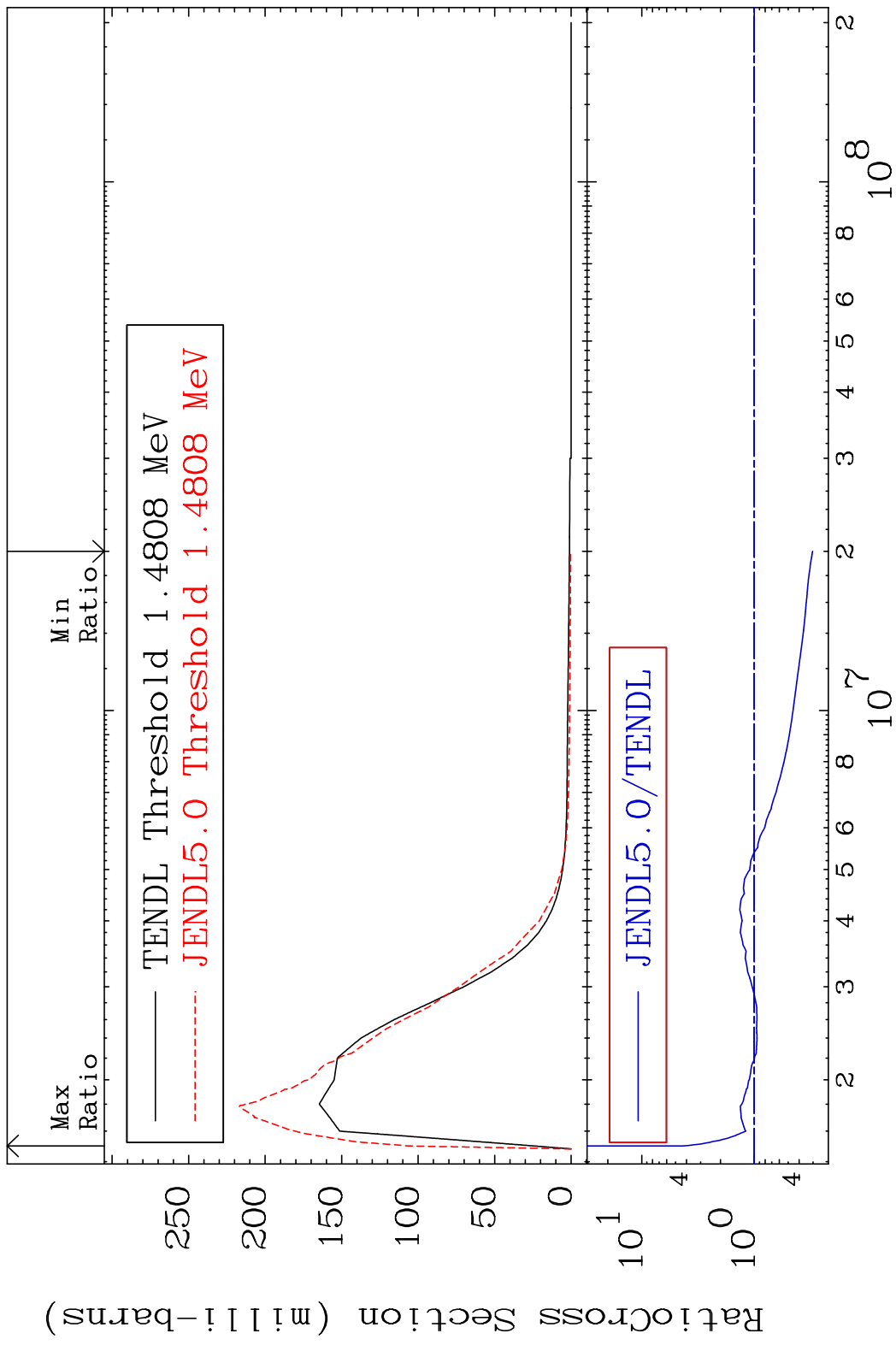
Incident Energy (eV)

60-Nd-146

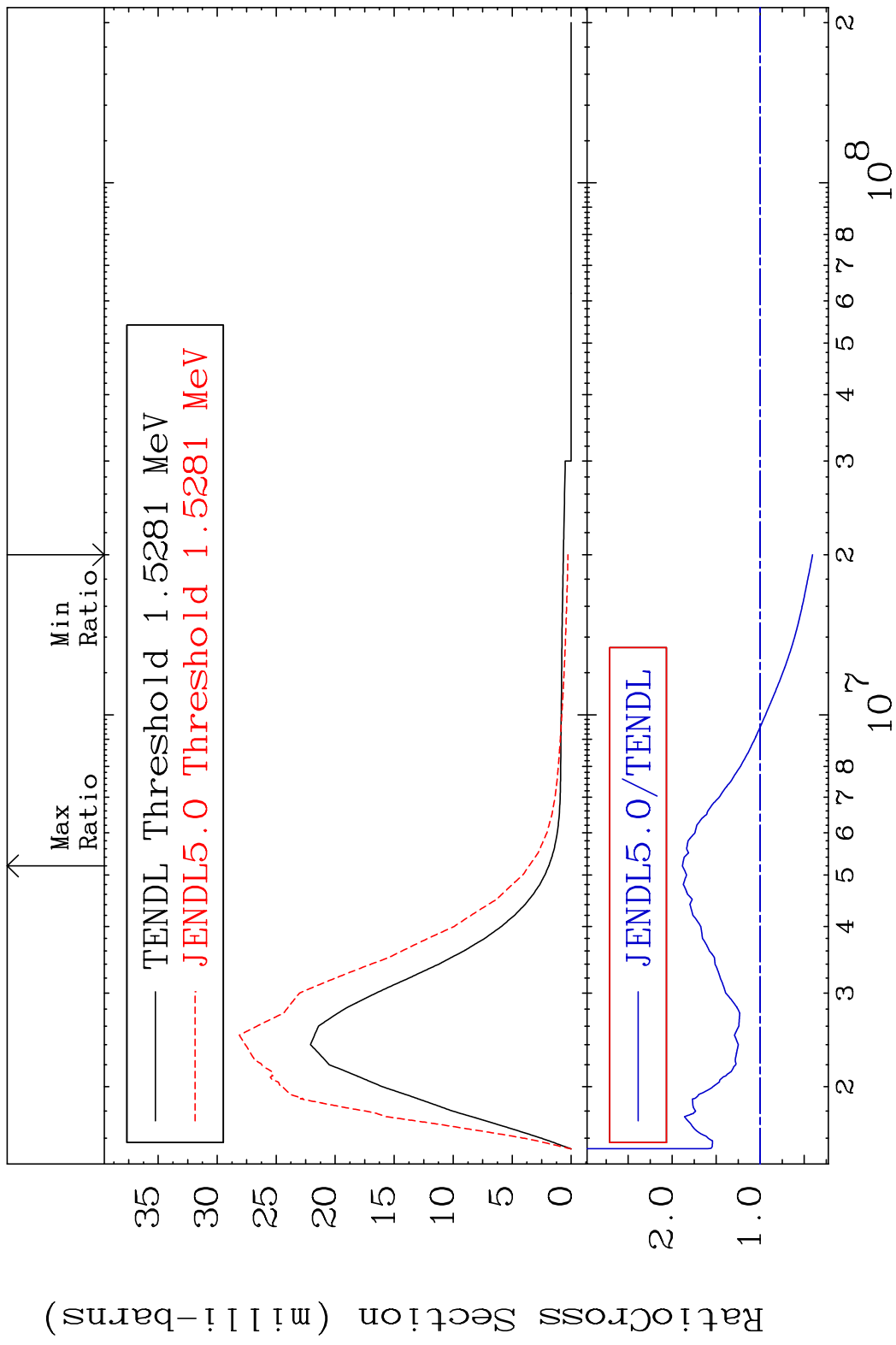
MAT 6037 MT= 56 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 192.7 %



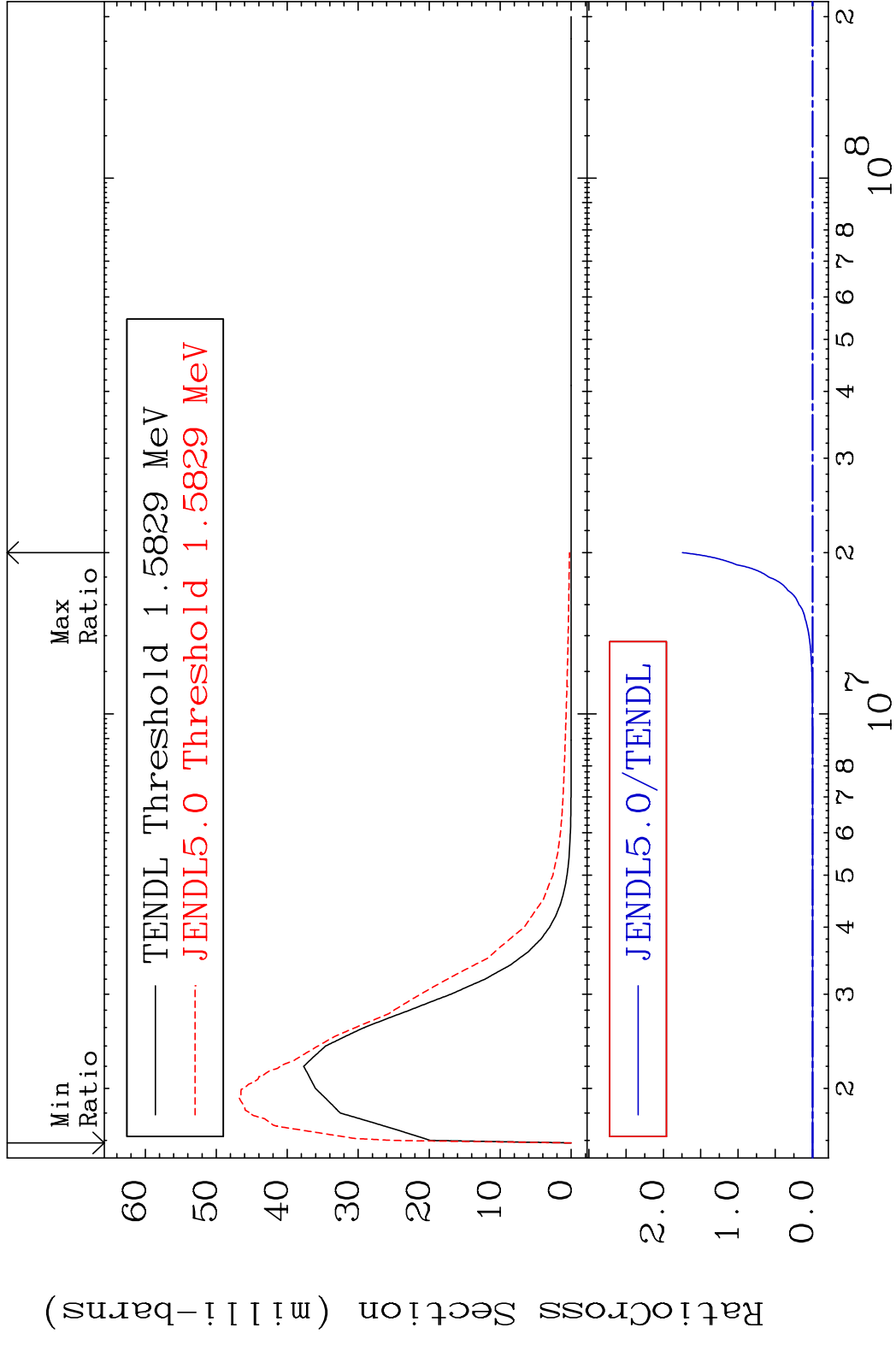
MAT 6037 MT= 57 (n,n') Level 60-Nd-146
 Cross Section -69.65 To 335.3 %



MAT 6037 MT= 58 (n,n') Level 60-Nd-146
 Cross Section -59.44 To 88.47 %

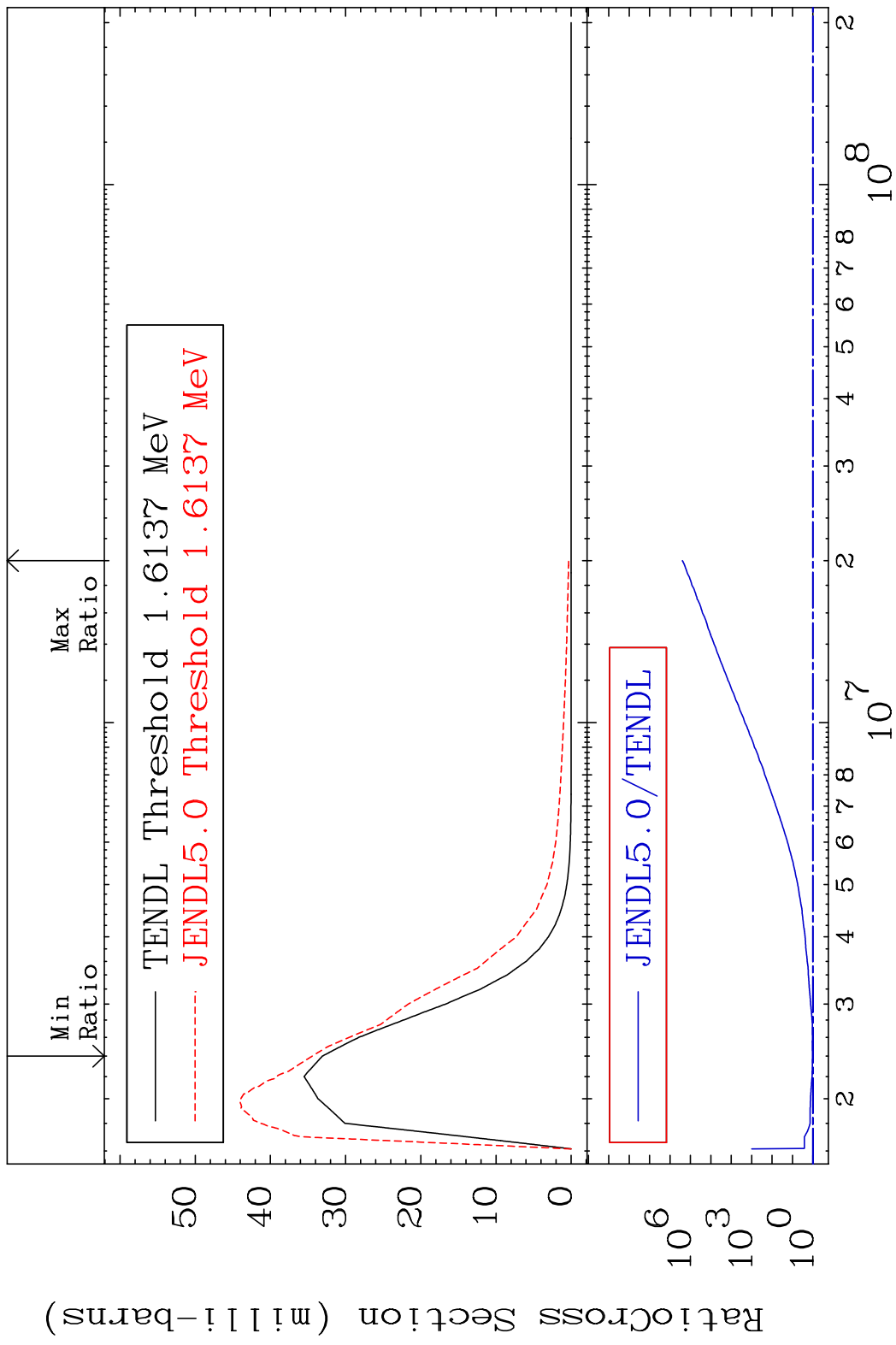


MAT 6037 MT= 59 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 9999. %

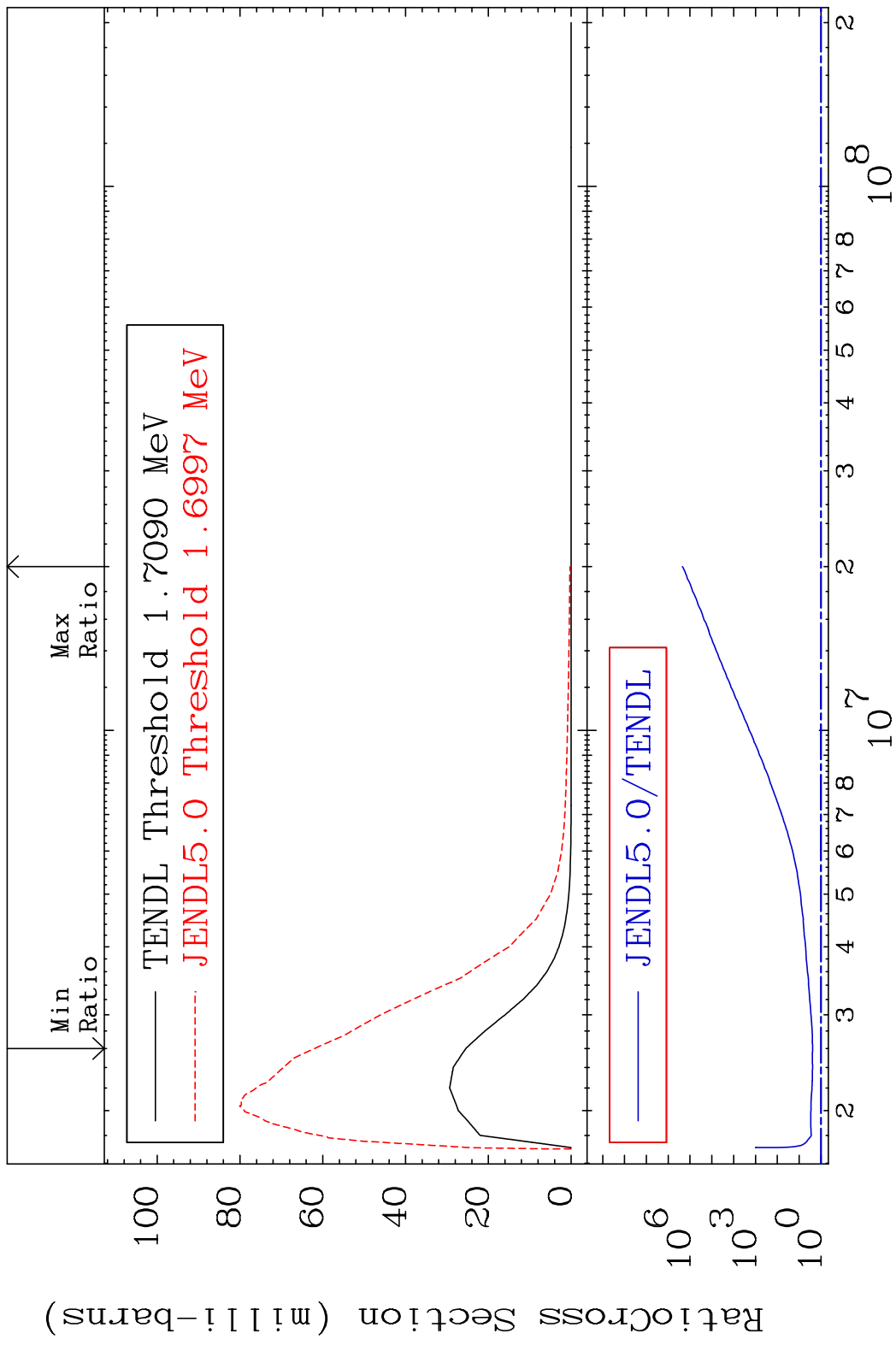


20 60-Nd-146

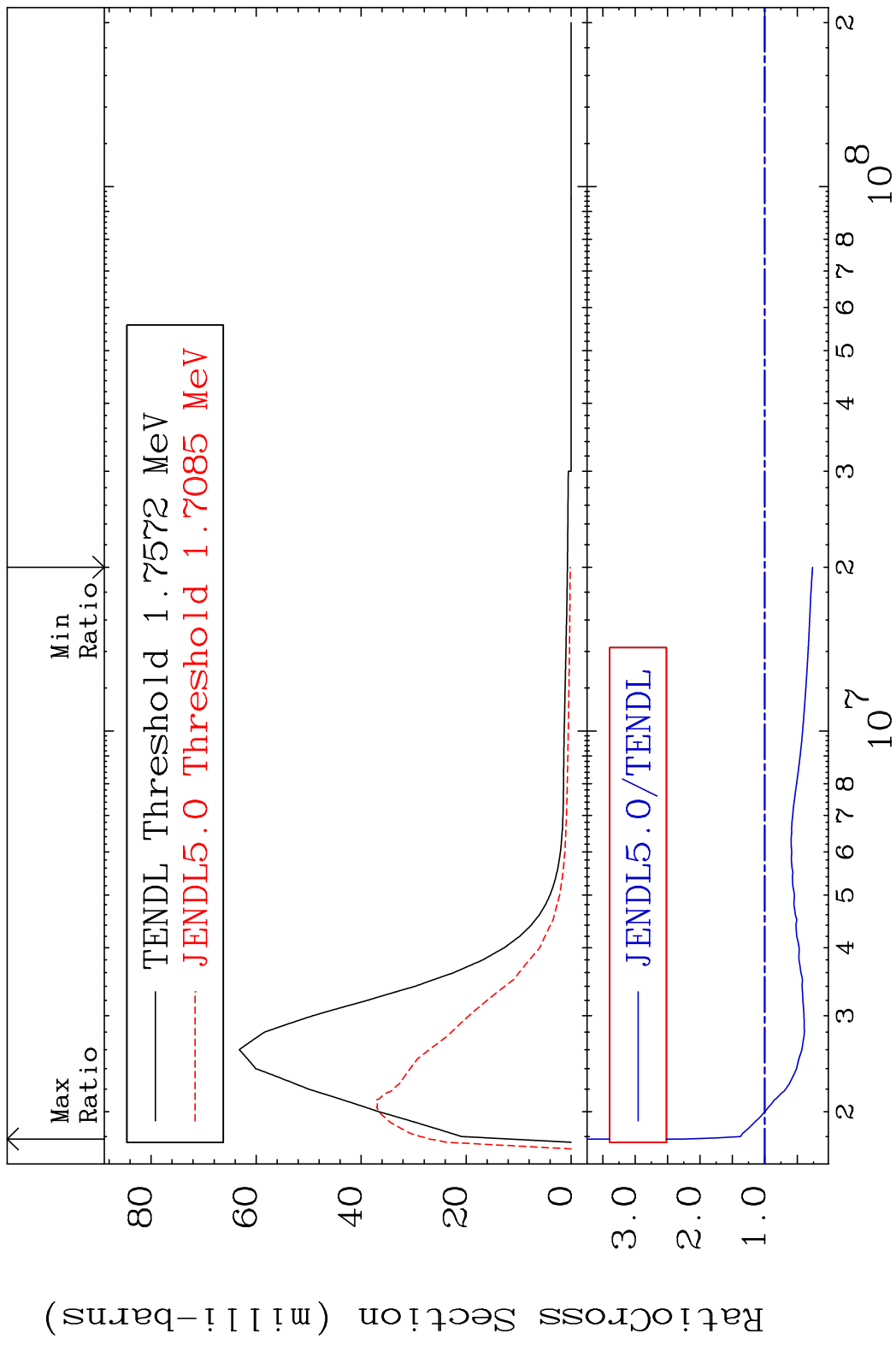
MAT 6037 MT= 60 (n, n') Level 60-Nd-146
 Cross Section 4.092 To 9999. %



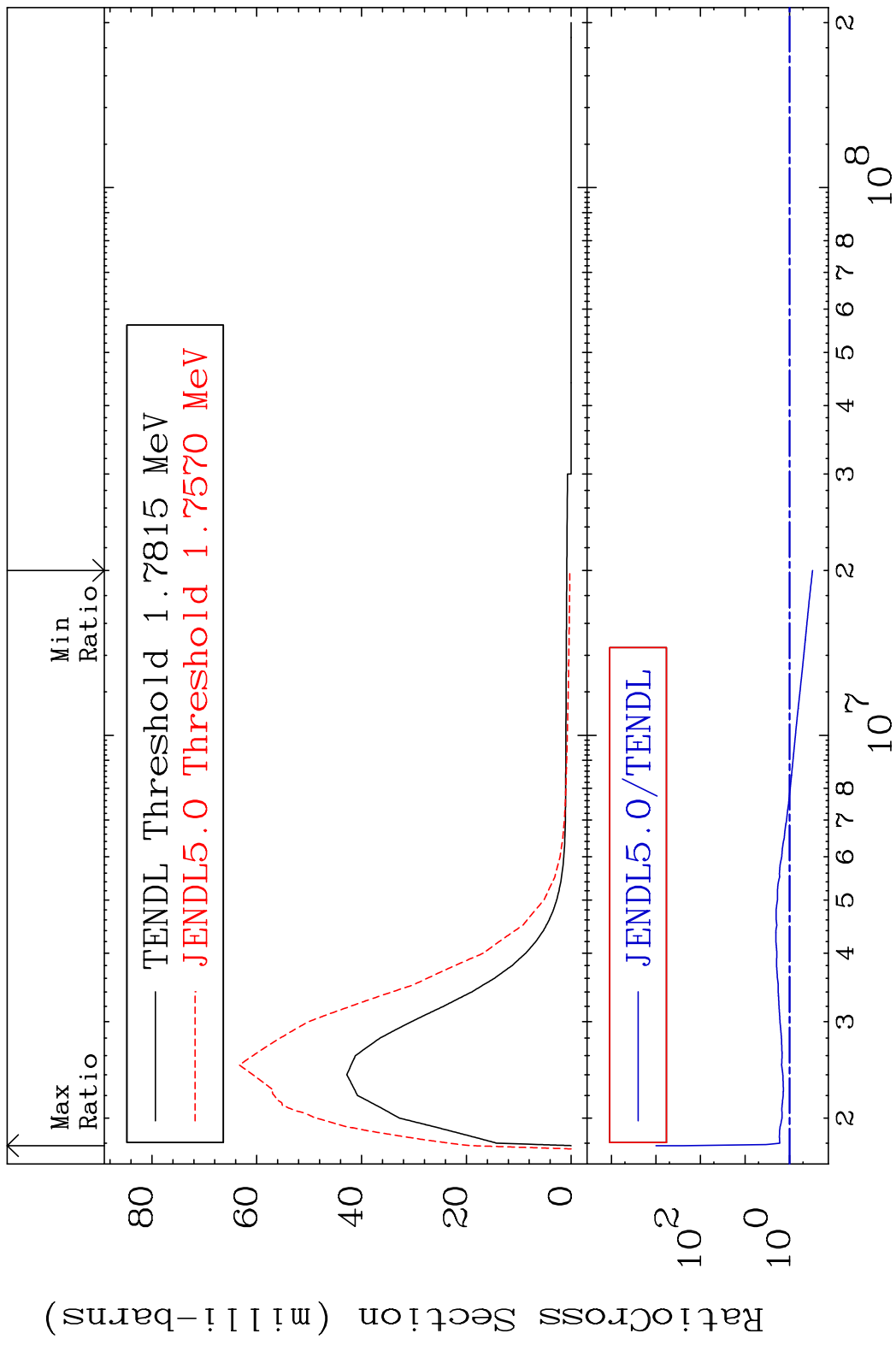
MAT 6037 MT= 61 (n, n') Level 60-Nd-146
 Cross Section 143.7 To 9999. %



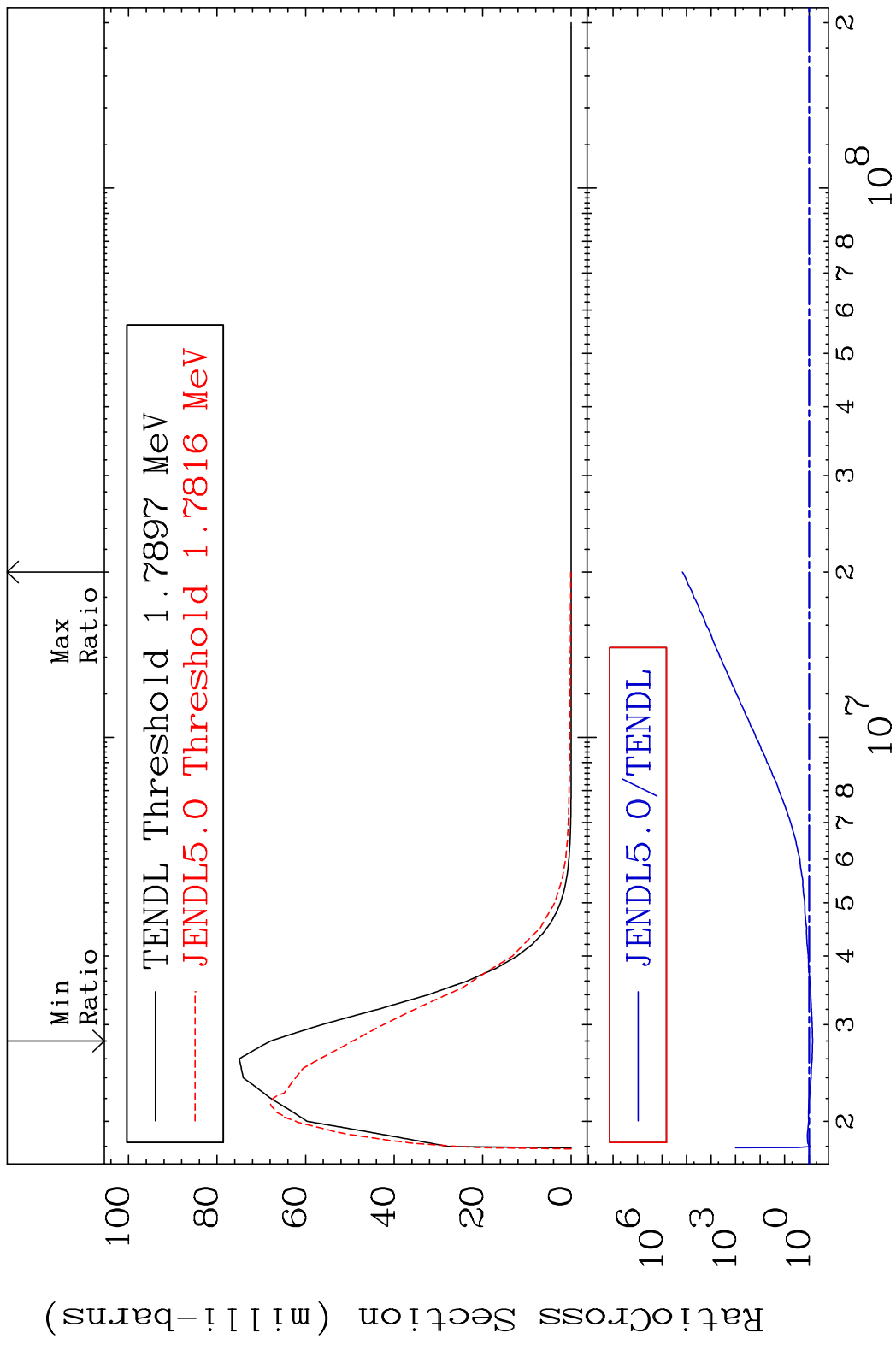
MAT 6037 MT= 62 (n, n') Level 60-Nd-146
 Cross Section -73.66 To 127.2 %



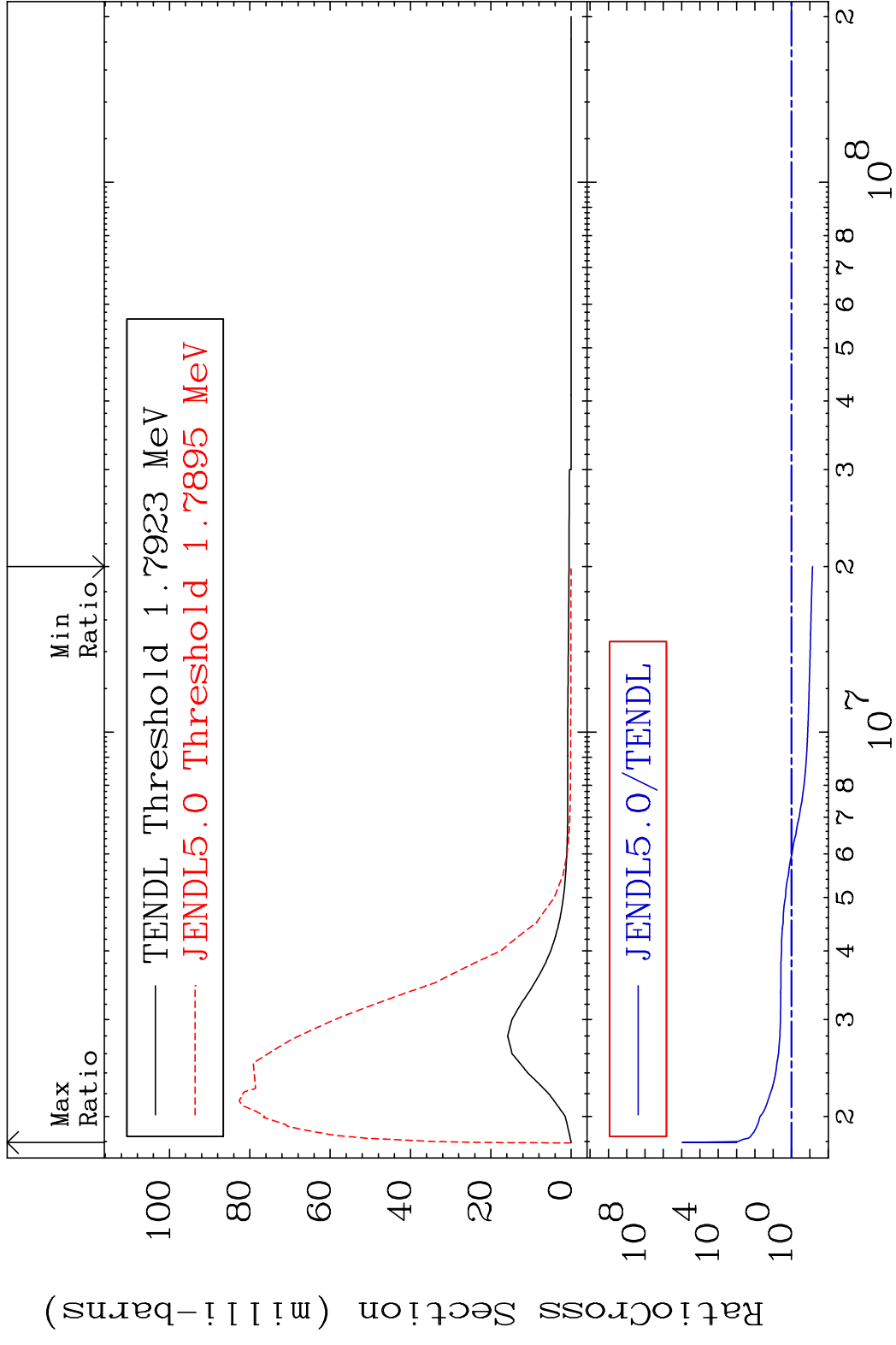
MAT 6037 MT= 63 (n, n') Level 60-Nd-146
 Cross Section -69.48 To 9999. %



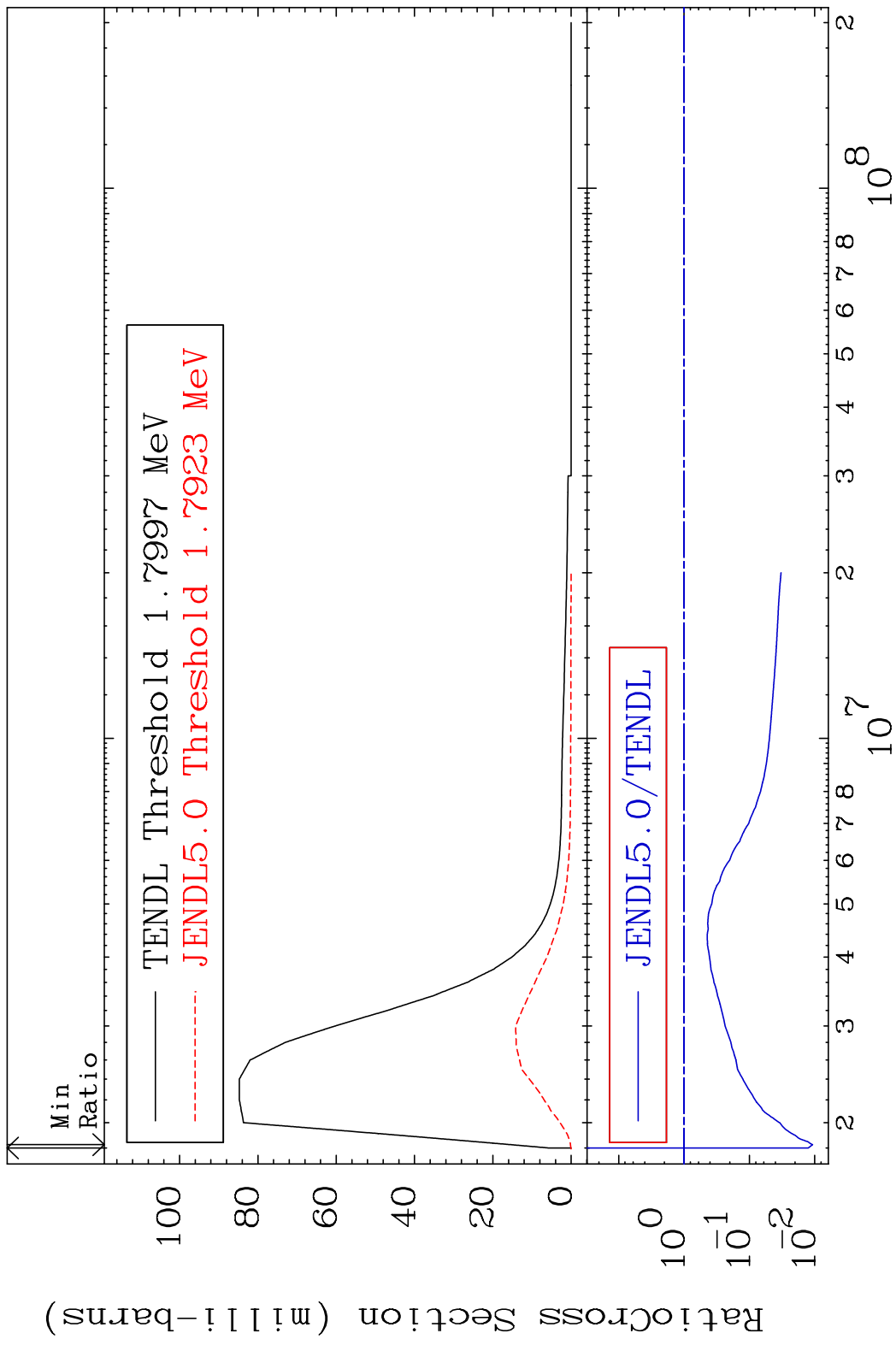
MAT 6037 MT= 64 (n, n') Level 60-Nd-146
 Cross Section -27.37 To 9999. %



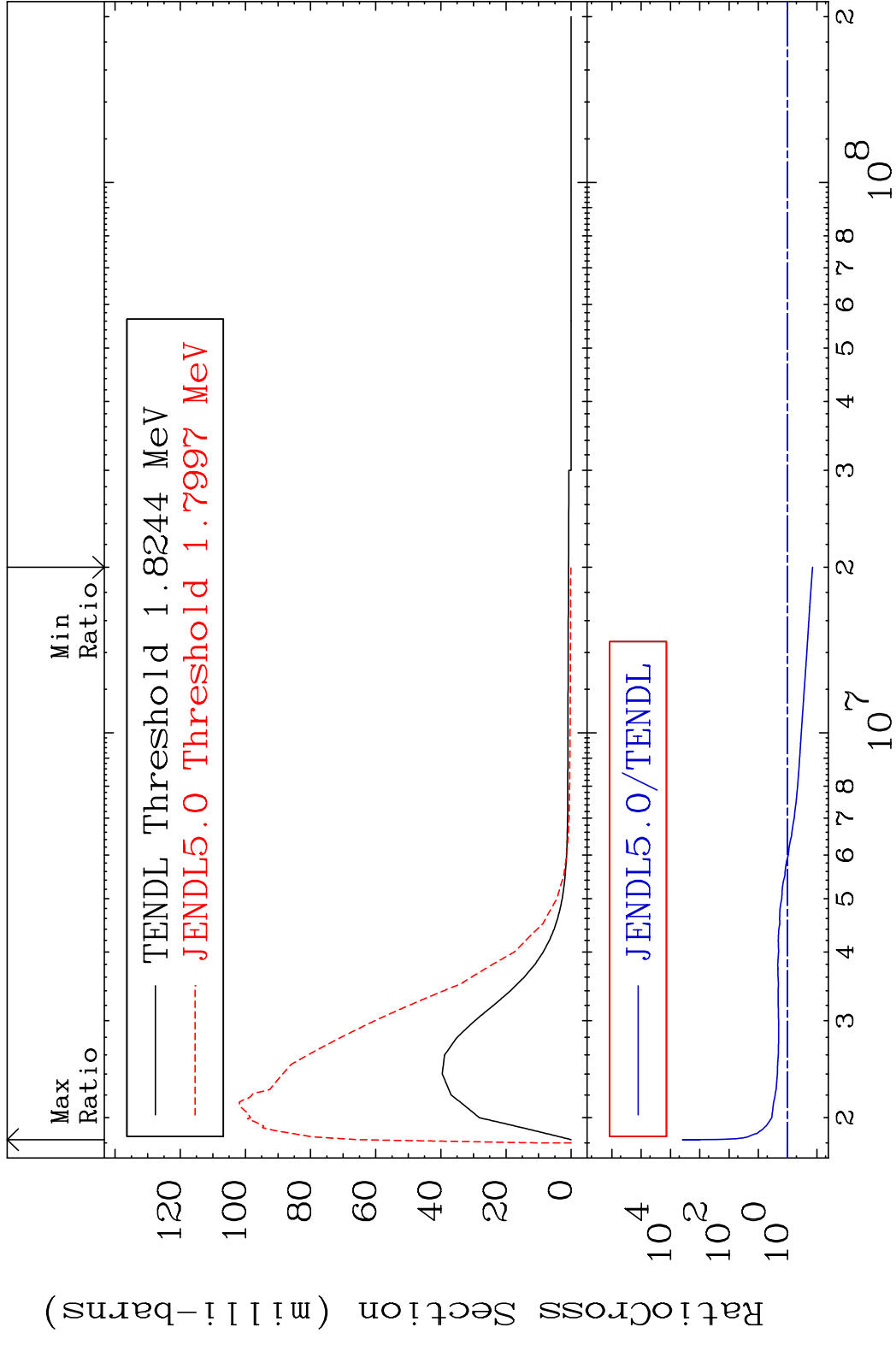
MAT 6037 MT= 65 (n, n') Level 60-Nd-146
 Cross Section -92.96 To 9999. %



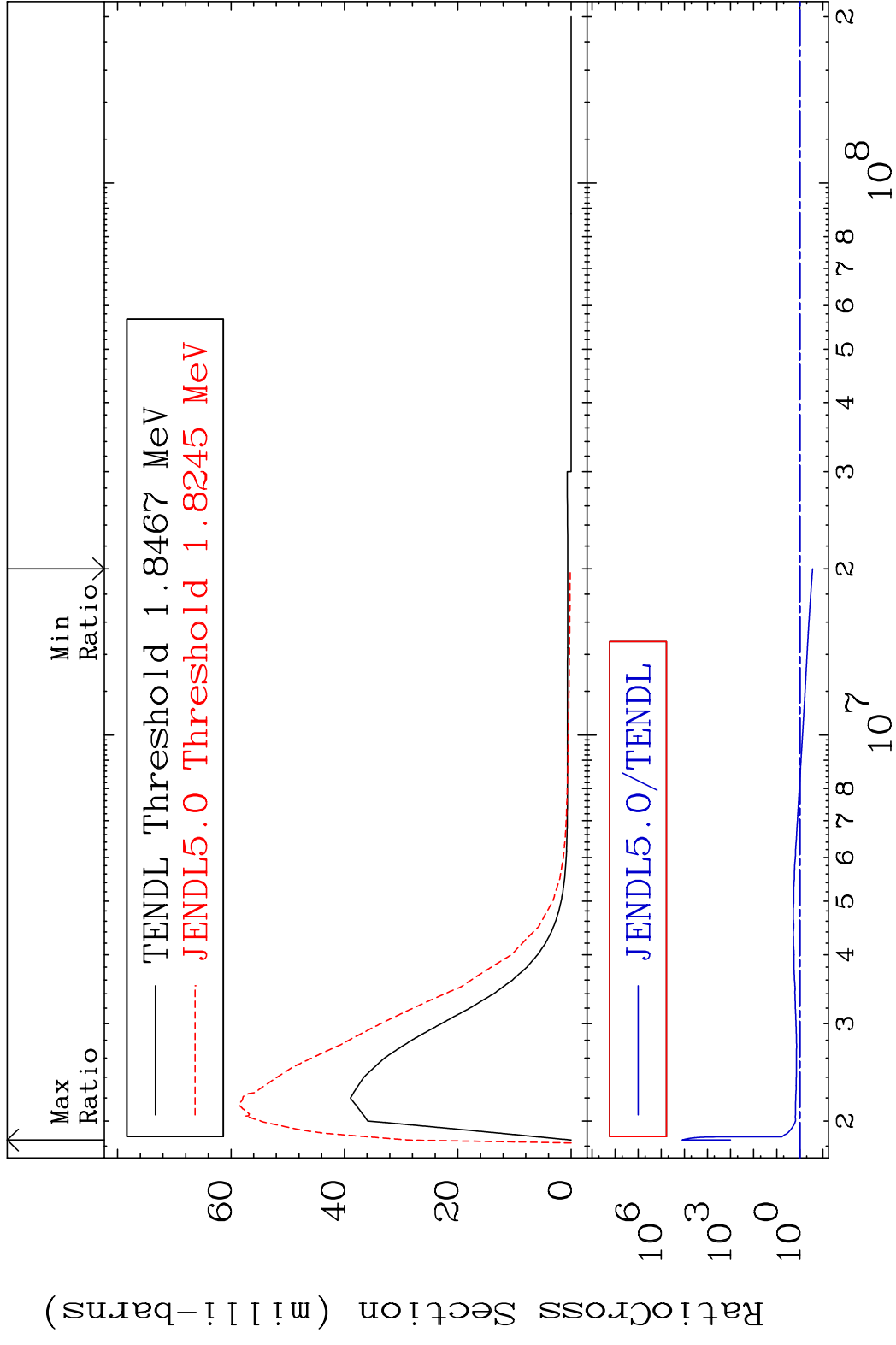
MAT 6037 MT= 66 (n,n') Level 60-Nd-146
 Cross Section -98.92 To 6.129 %



MAT 6037 MT= 67 (n, n') Level 60-Nd-146
 Cross Section -85.94 To 9999. %

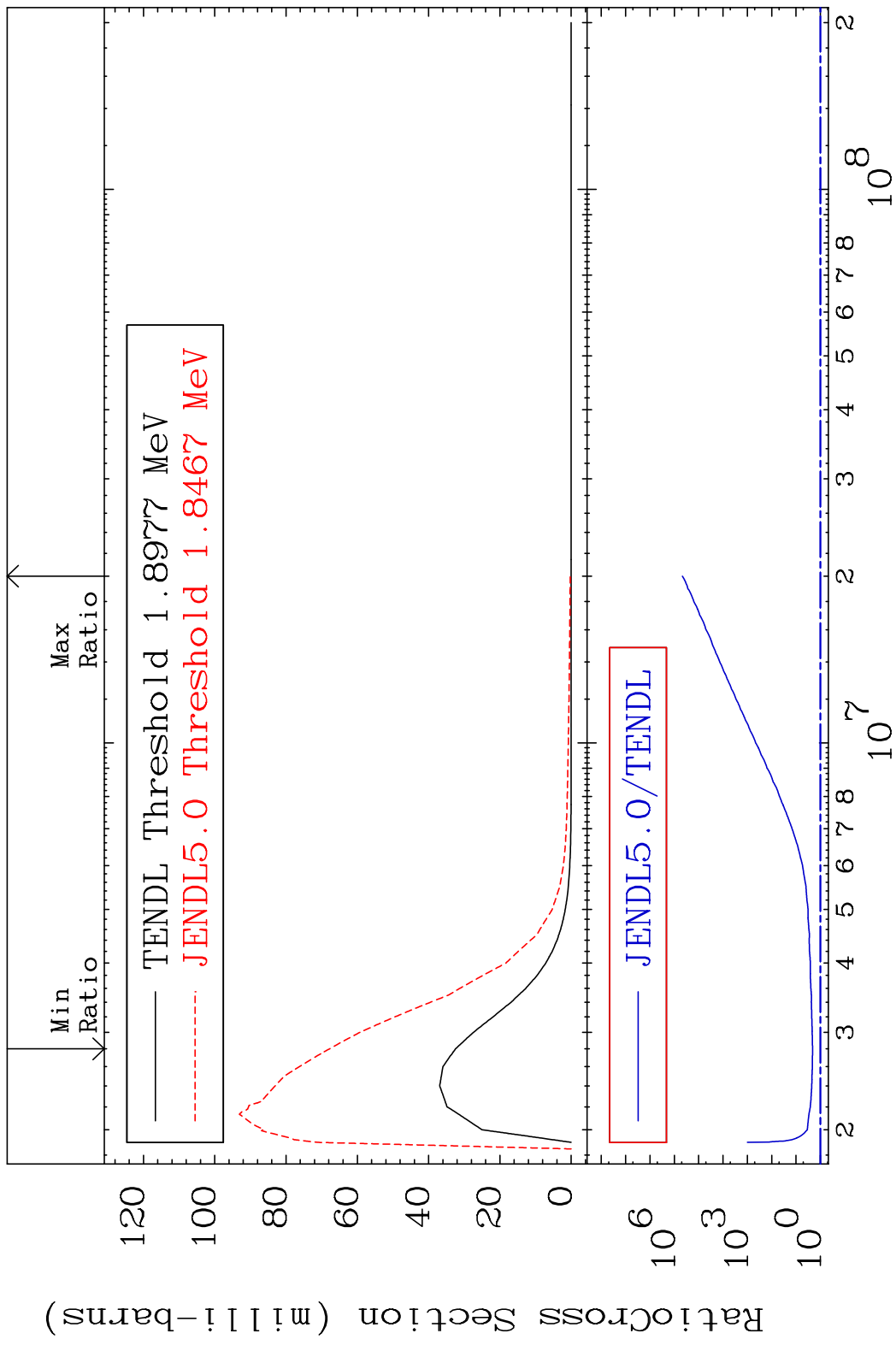


MAT 6037 MT= 68 (n,n') Level 60-Nd-146
 Cross Section -71.98 To 9999. %

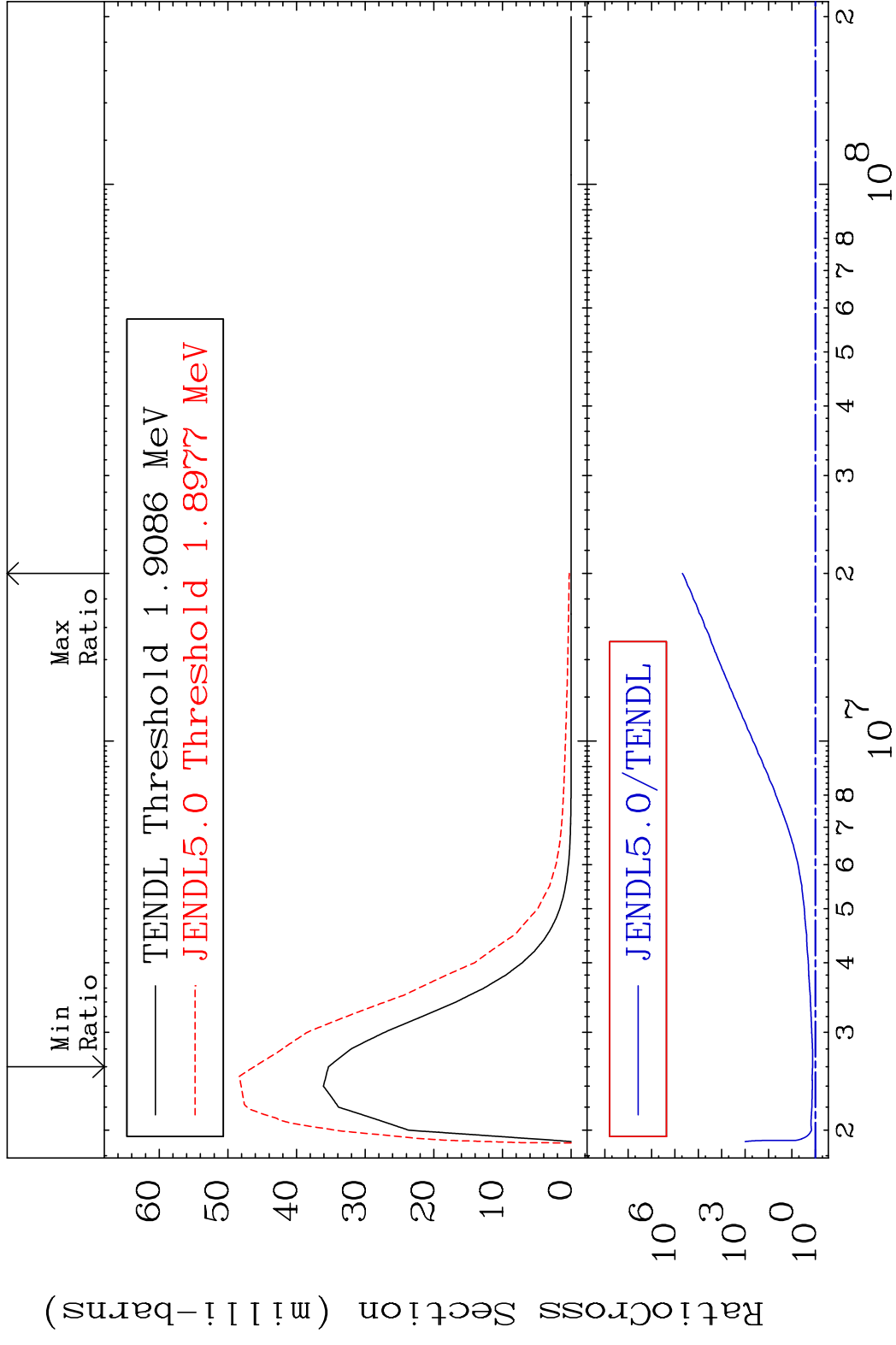


29 Incident Energy (eV) 60-Nd-146

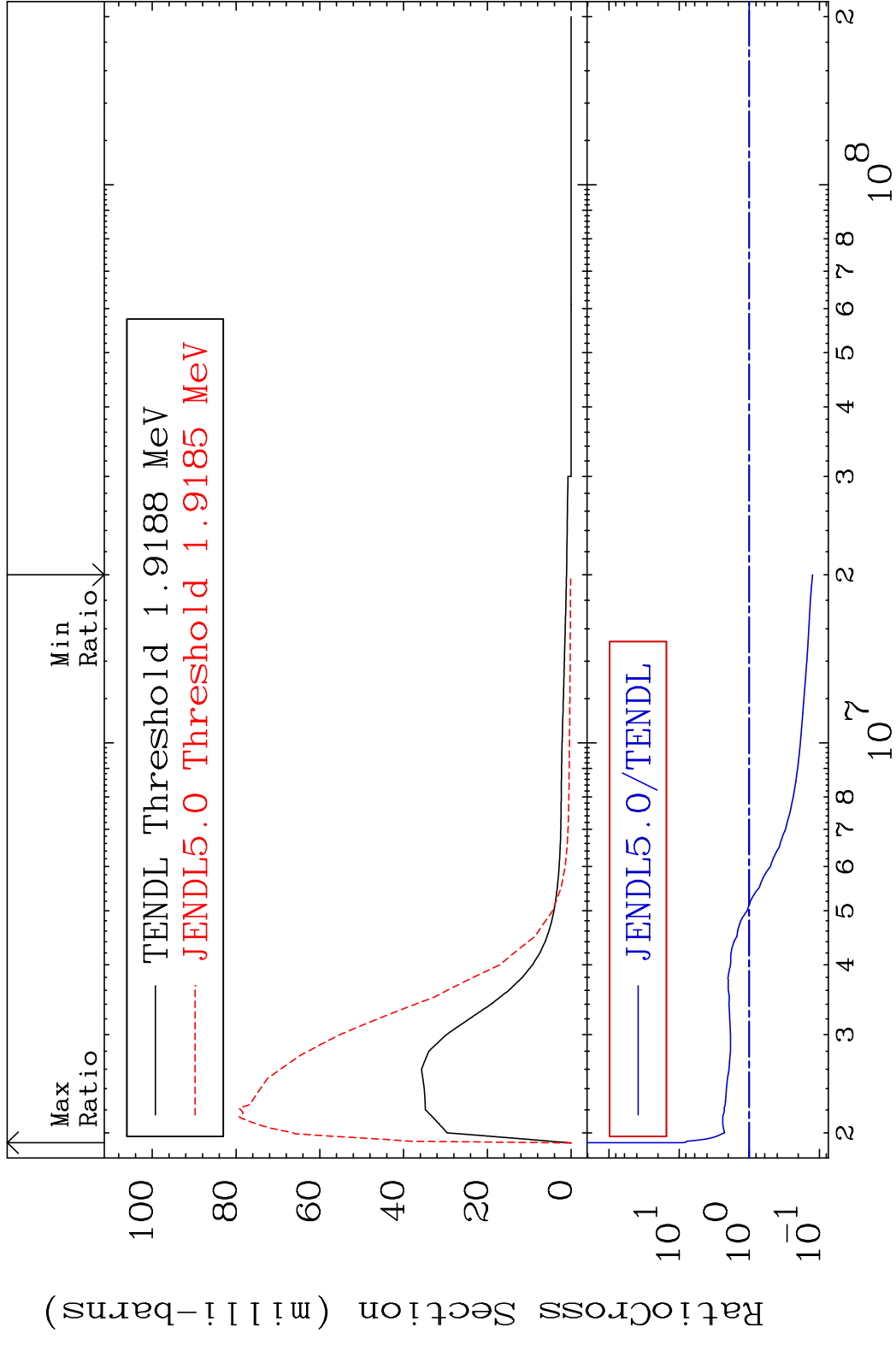
MAT 6037 MT= 69 (n, n') Level 60-Nd-146
 Cross Section 109.0 To 9999. %



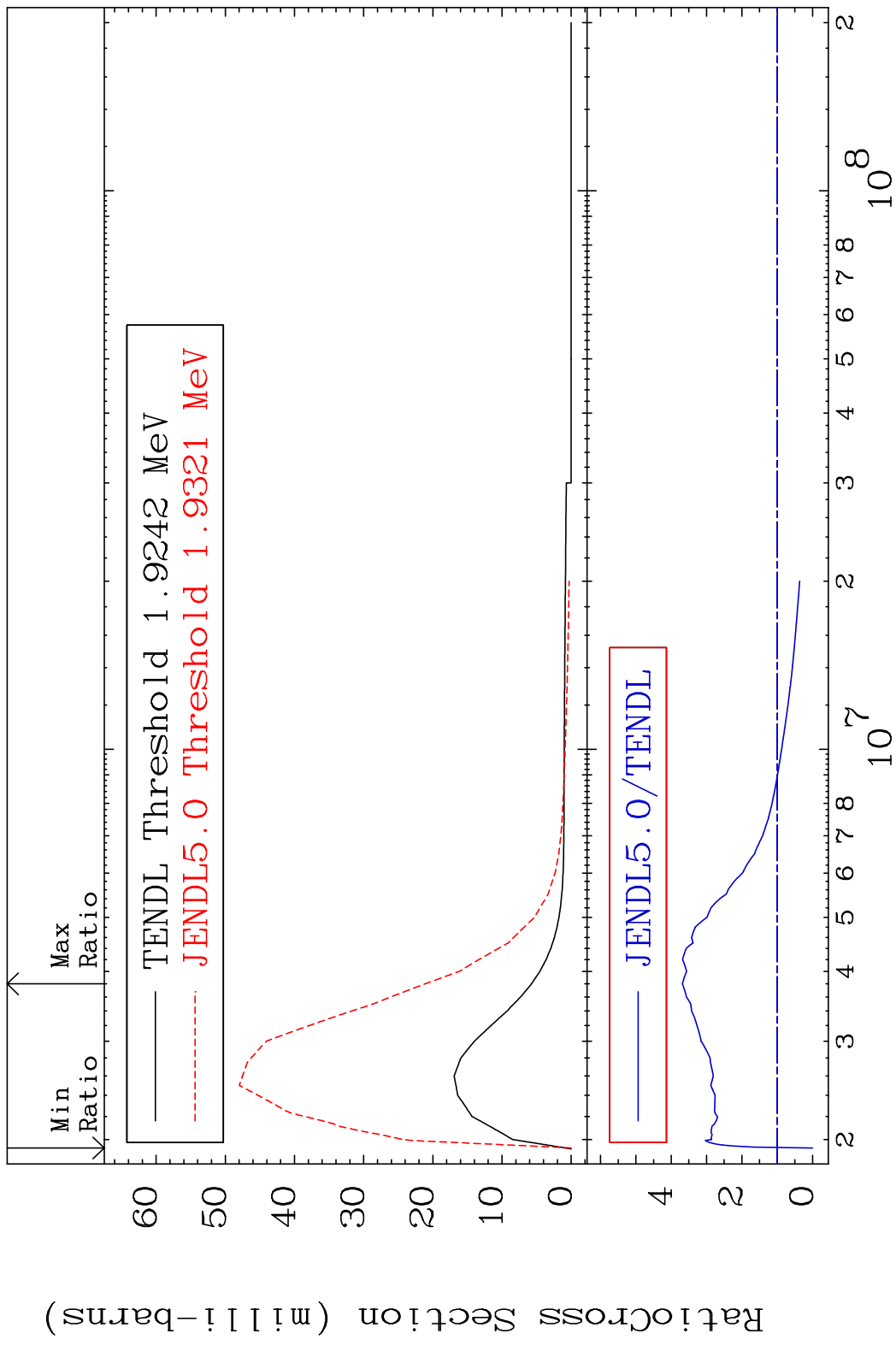
MAT 6037 MT= 70 (n, n') Level 60-Nd-146
 Cross Section 30.63 To 9999. %



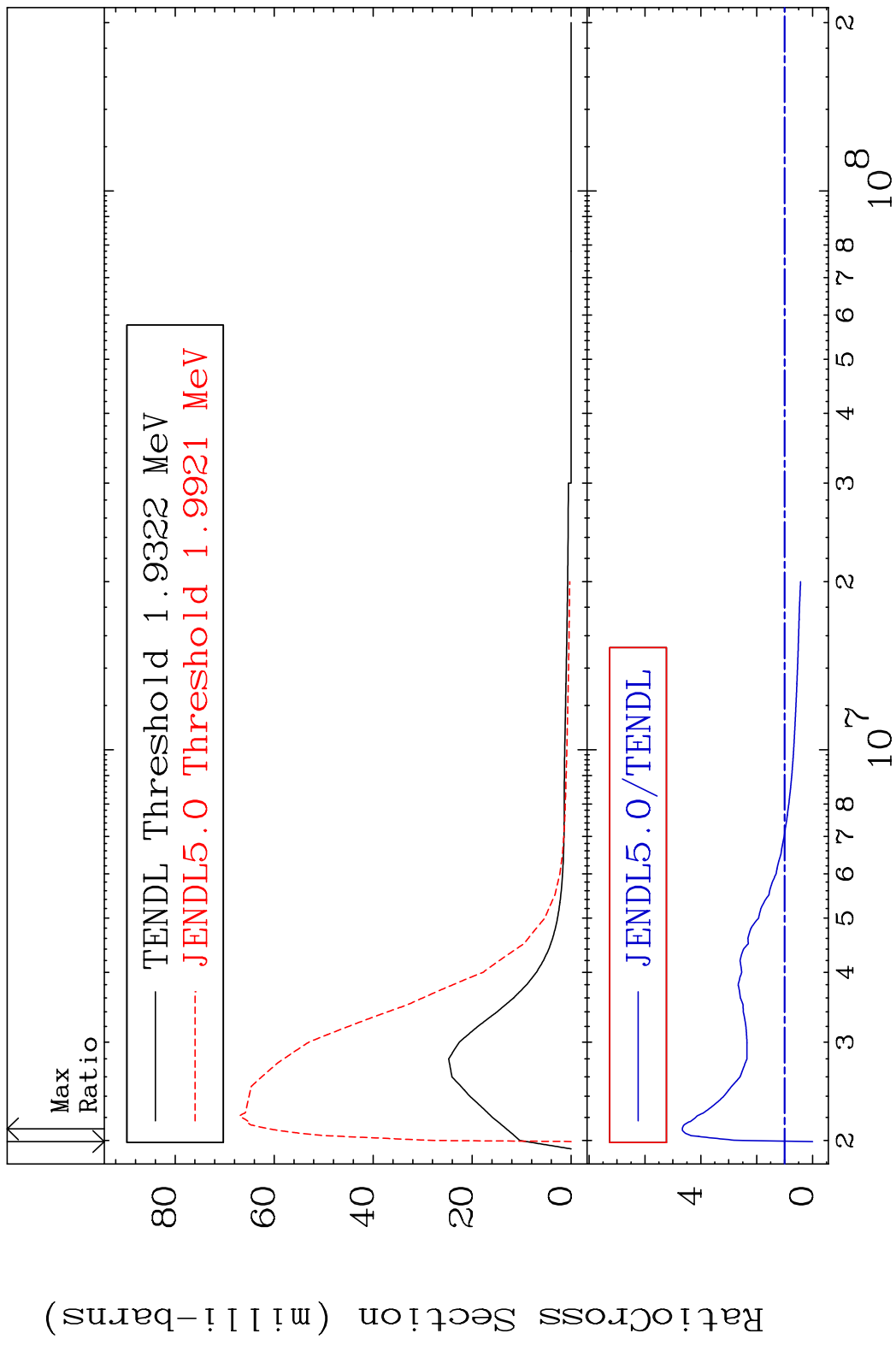
MAT 6037 MT= 71 (n, n') Level 60-Nd-146
 Cross Section -87.48 To 799.2 %



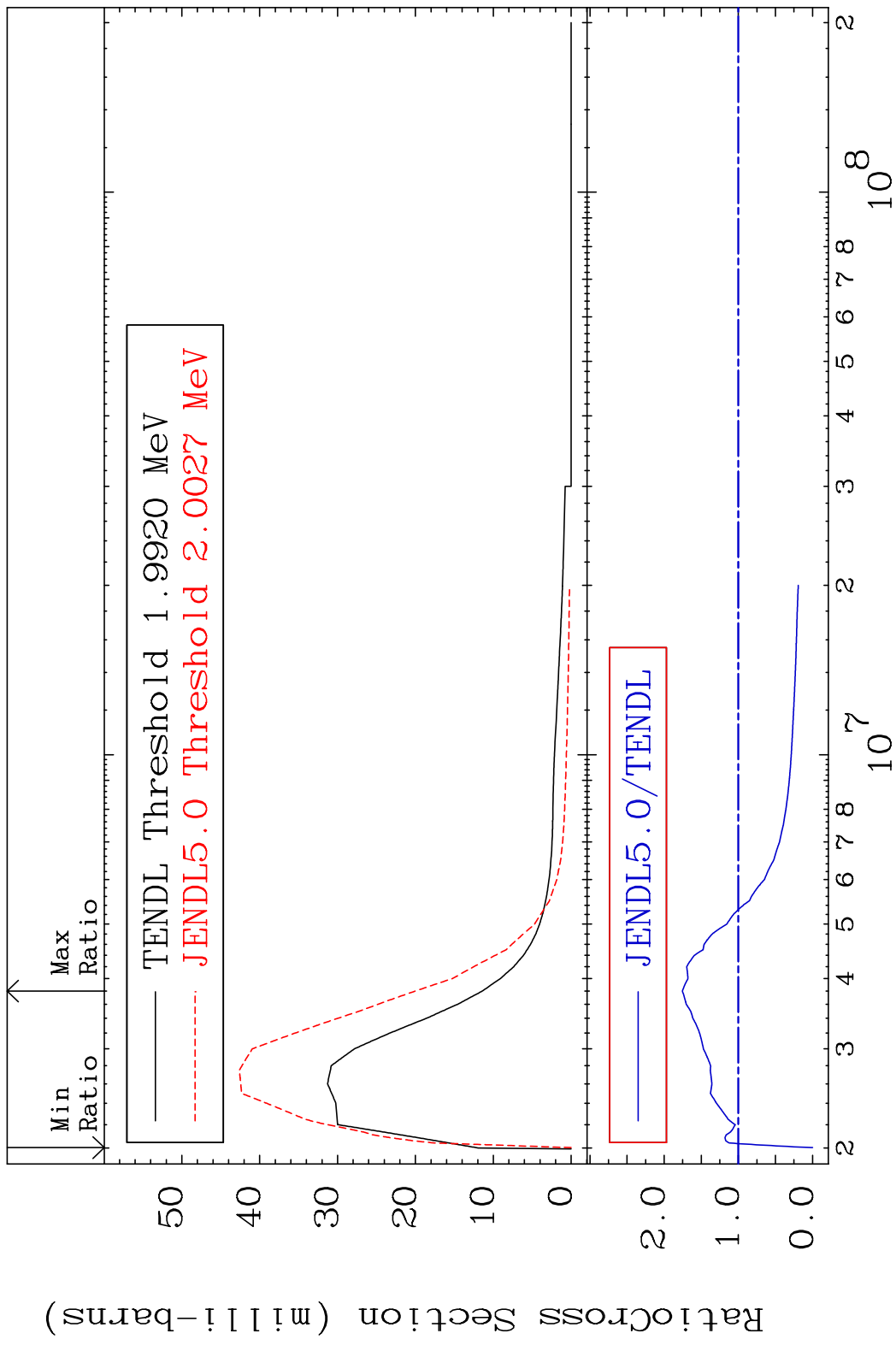
MAT 6037 MT= 72 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 268.5 %



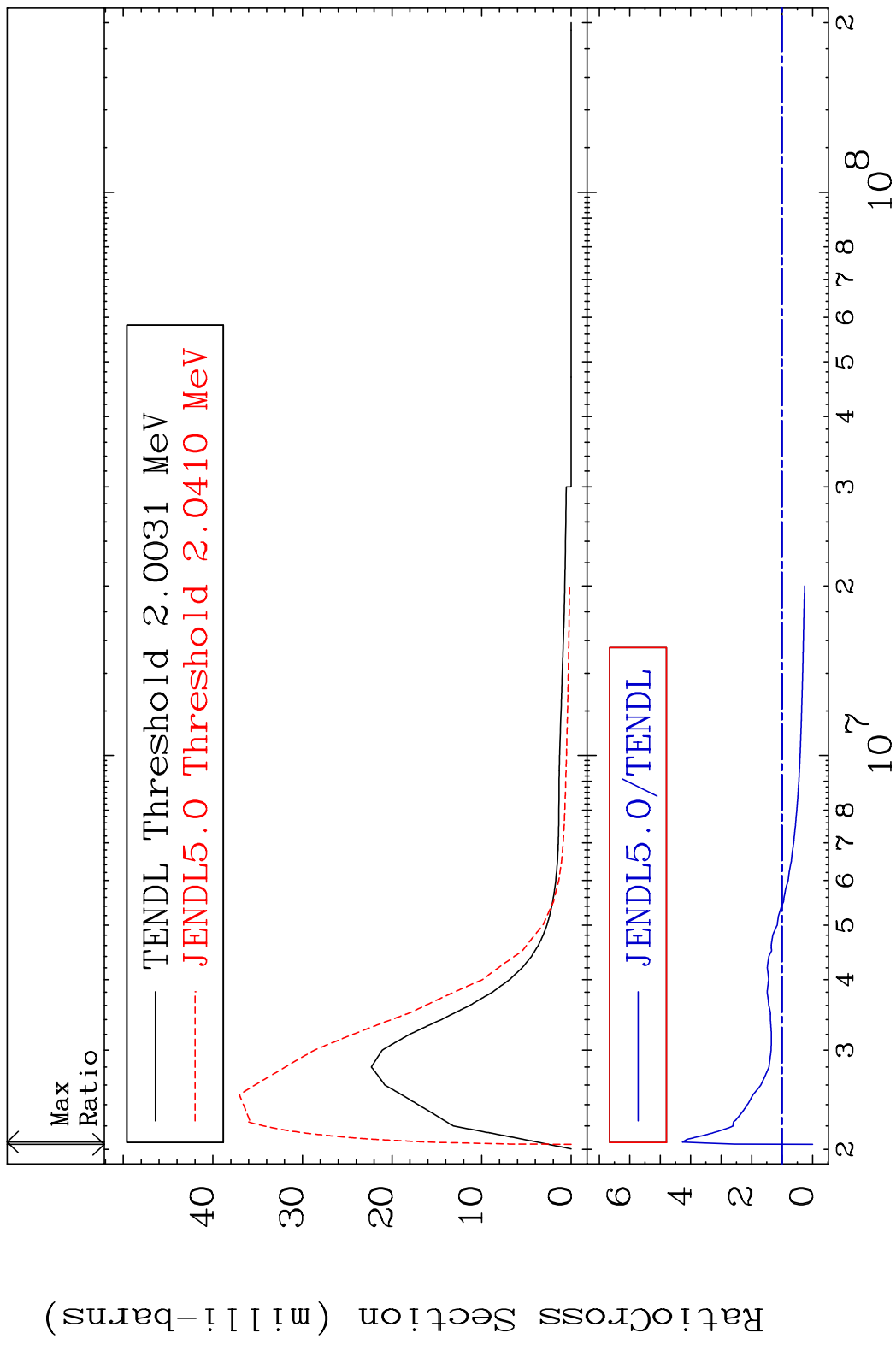
MAT 6037 MT= 73 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 366.2 %



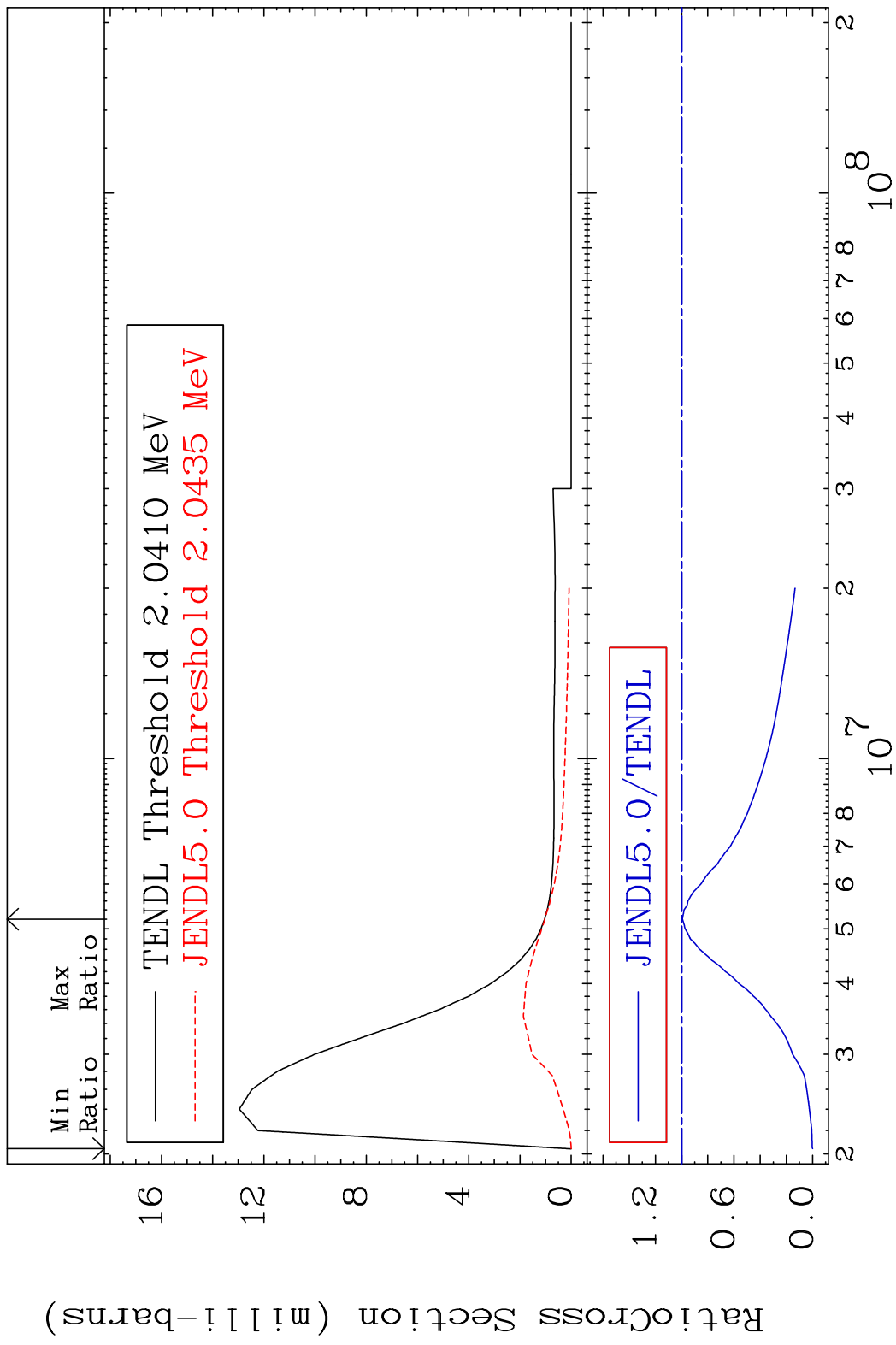
MAT 6037 MT= 74 (n,n') Level 60-Nd-146
 Cross Section -100.0 To 75.45 %



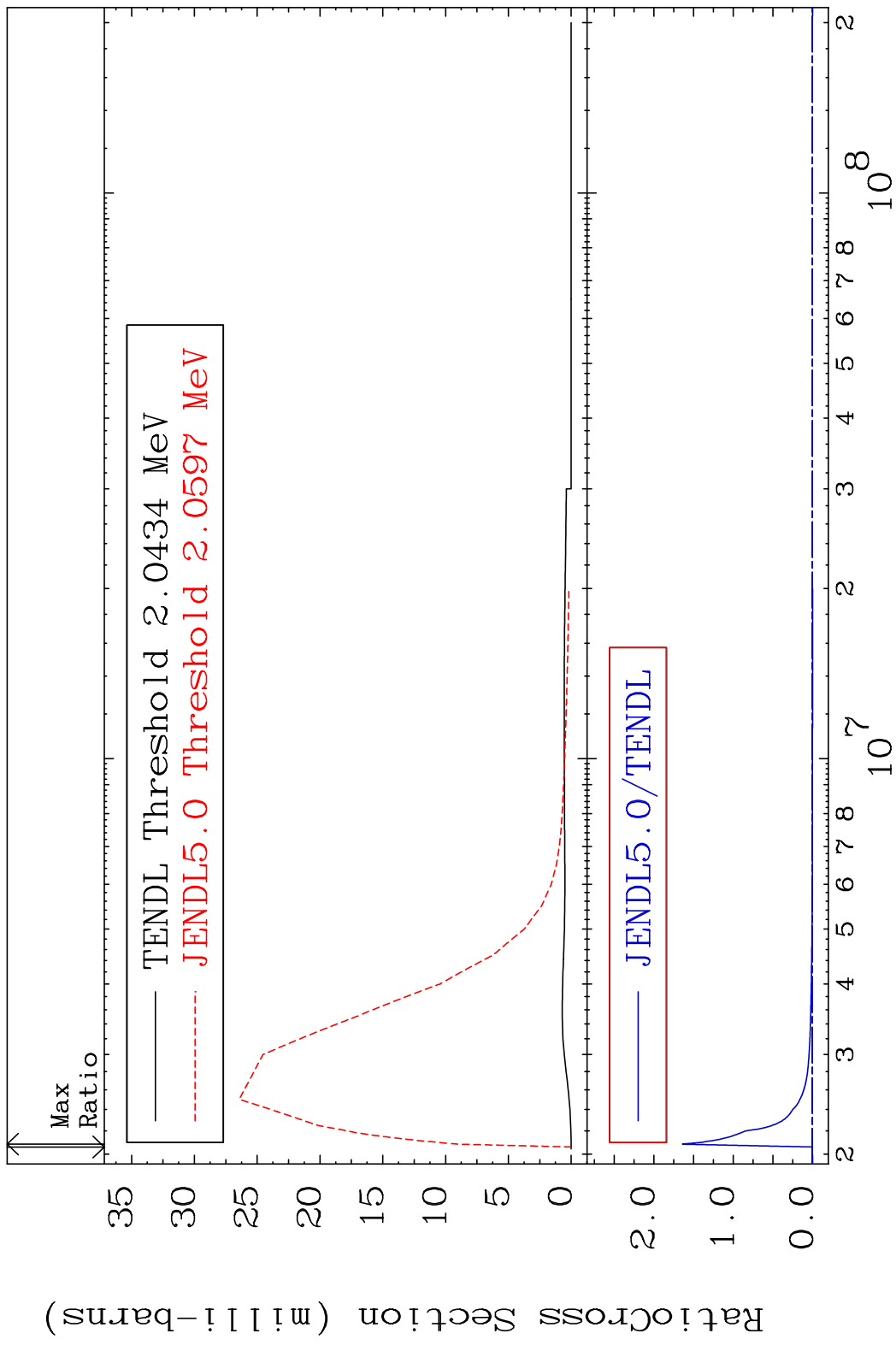
MAT 6037 MT= 75 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 327.4 %



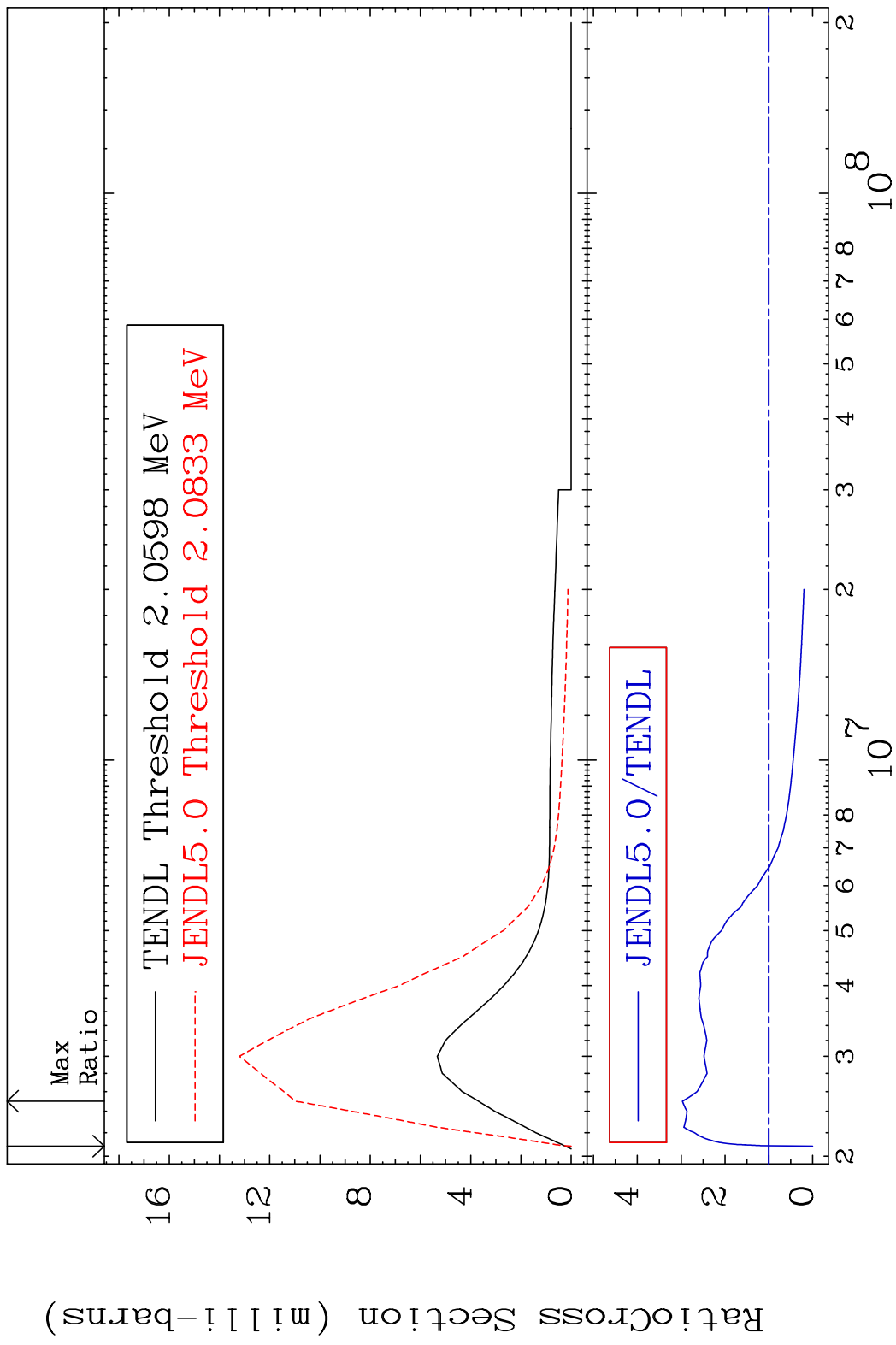
MAT 6037 MT= 76 (n,n') Level 60-Nd-146
 Cross Section -100.0 To -0.570%



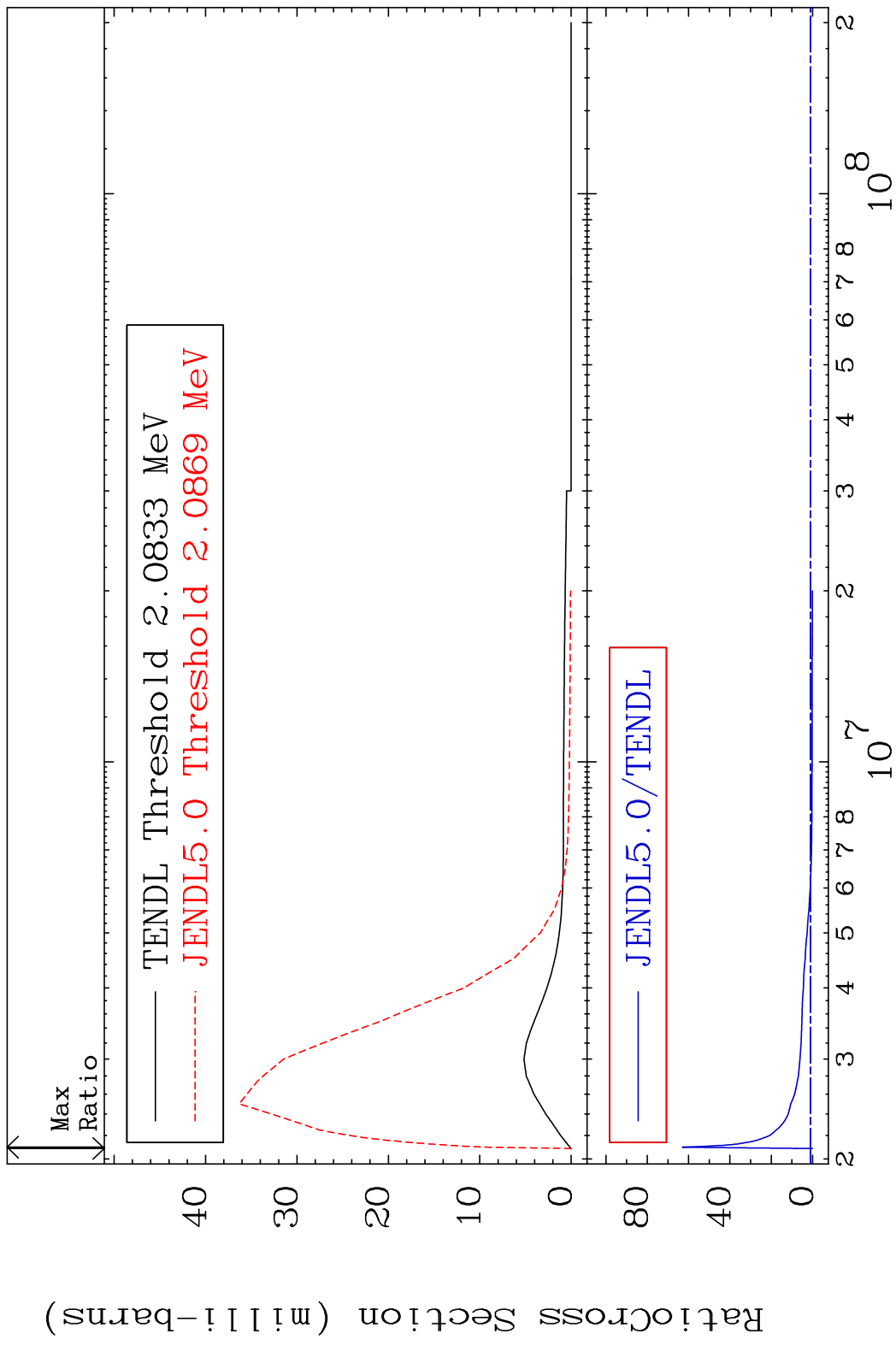
MAT 6037 MT= 77 (n,n') Level 60-Nd-146
 Cross Section -100.0 To 9999. %



MAT 6037 MT= 78 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 197.3 %

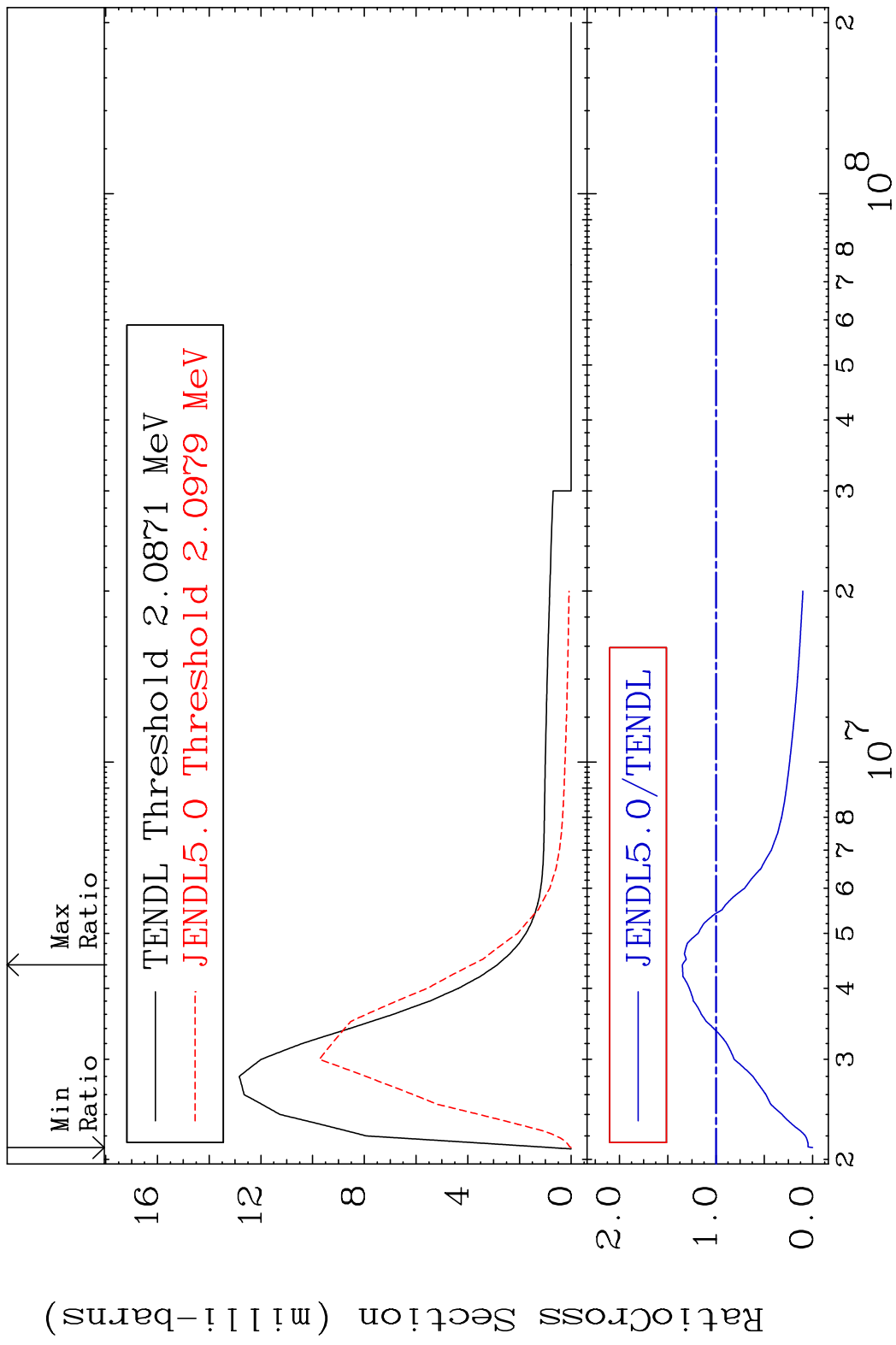


MAT 6037 MT= 79 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 6202. %



40 Incident Energy (eV) 60-Nd-146

MAT 6037 MT= 80 (n,n') Level 60-Nd-146
 Cross Section -100.0 To 34.88 %

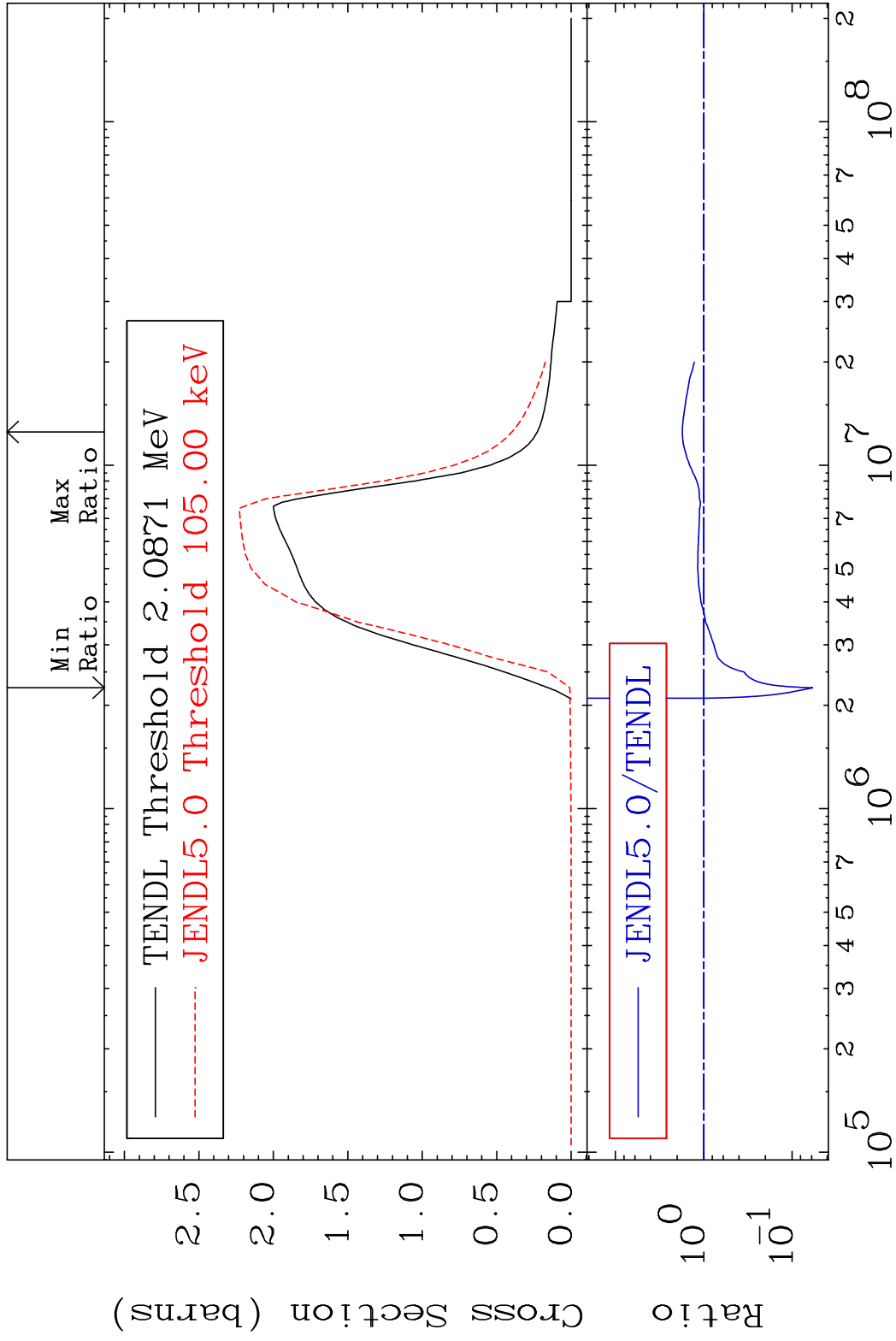


MAT 6037

(n, n') Continuum

60-Nd-146

Cross Section -94.14 To 74.54 %



42

Incident Energy (eV)

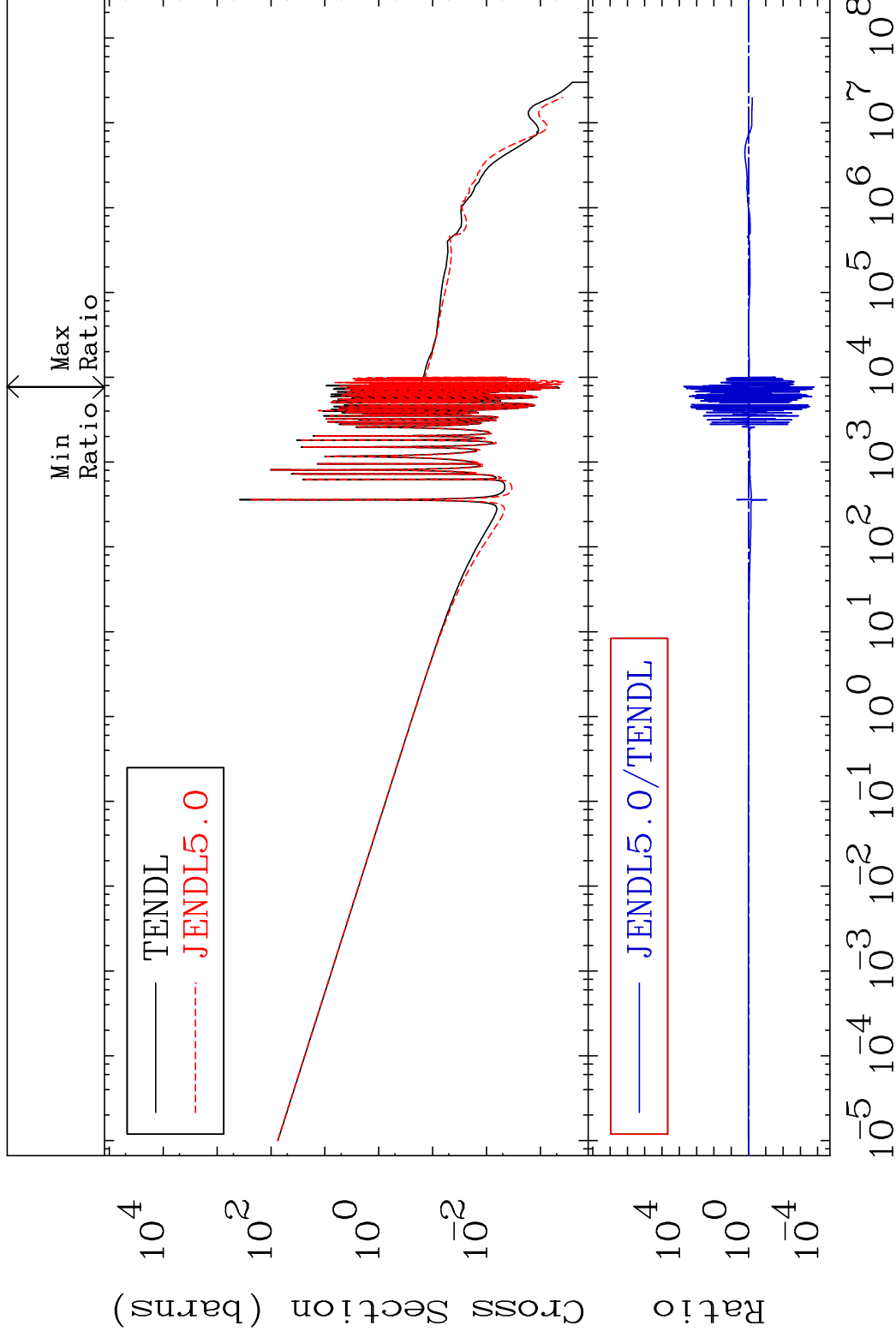
60-Nd-146

MAT 6037

(n, γ)

60-Nd-146

Cross Section -99.98 To 9999. %



43

Incident Energy (eV)

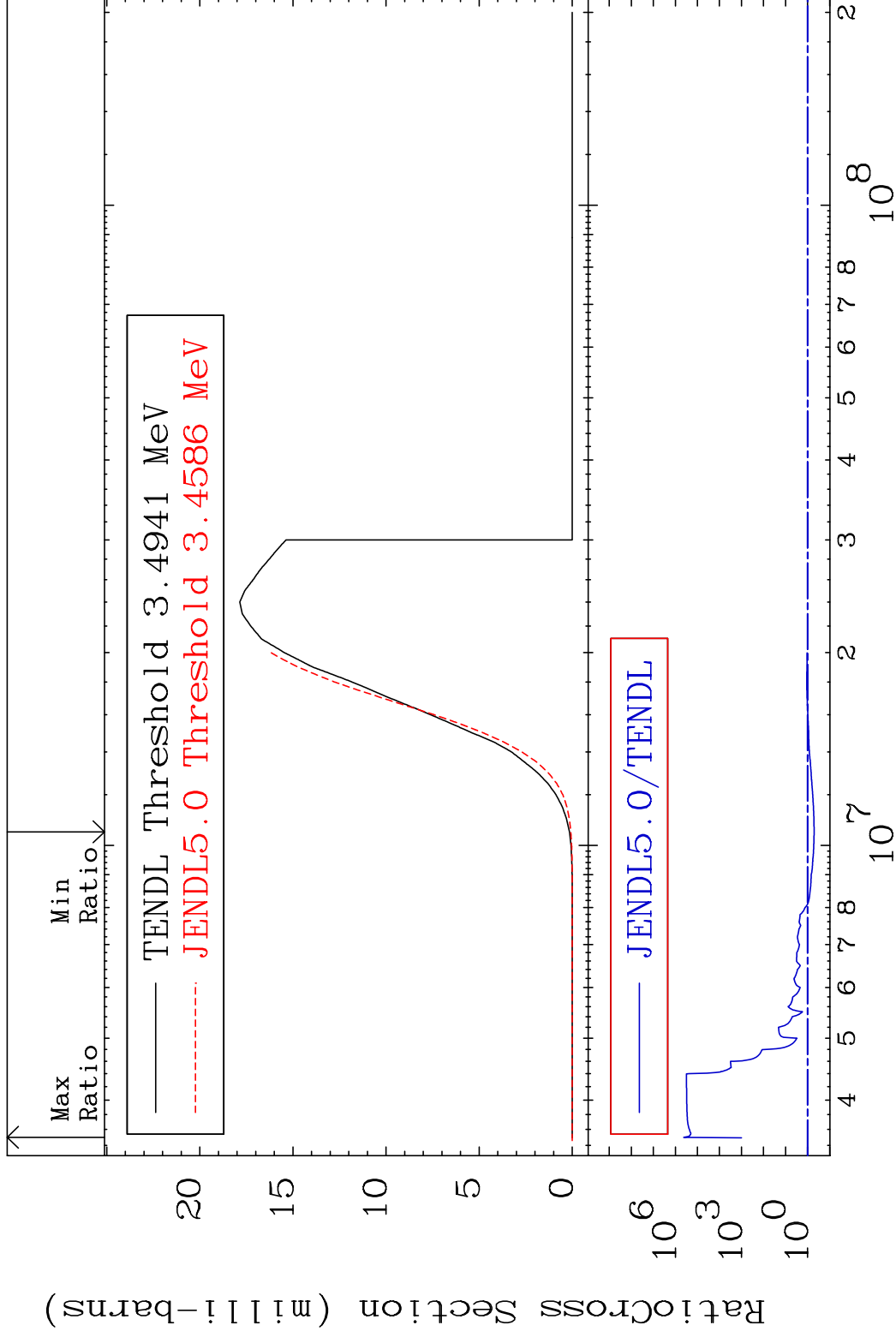
60-Nd-146

MAT 6037

(n,p)

60-Nd-146

Cross Section -49.52 To 9999. %



44

Incident Energy (eV)

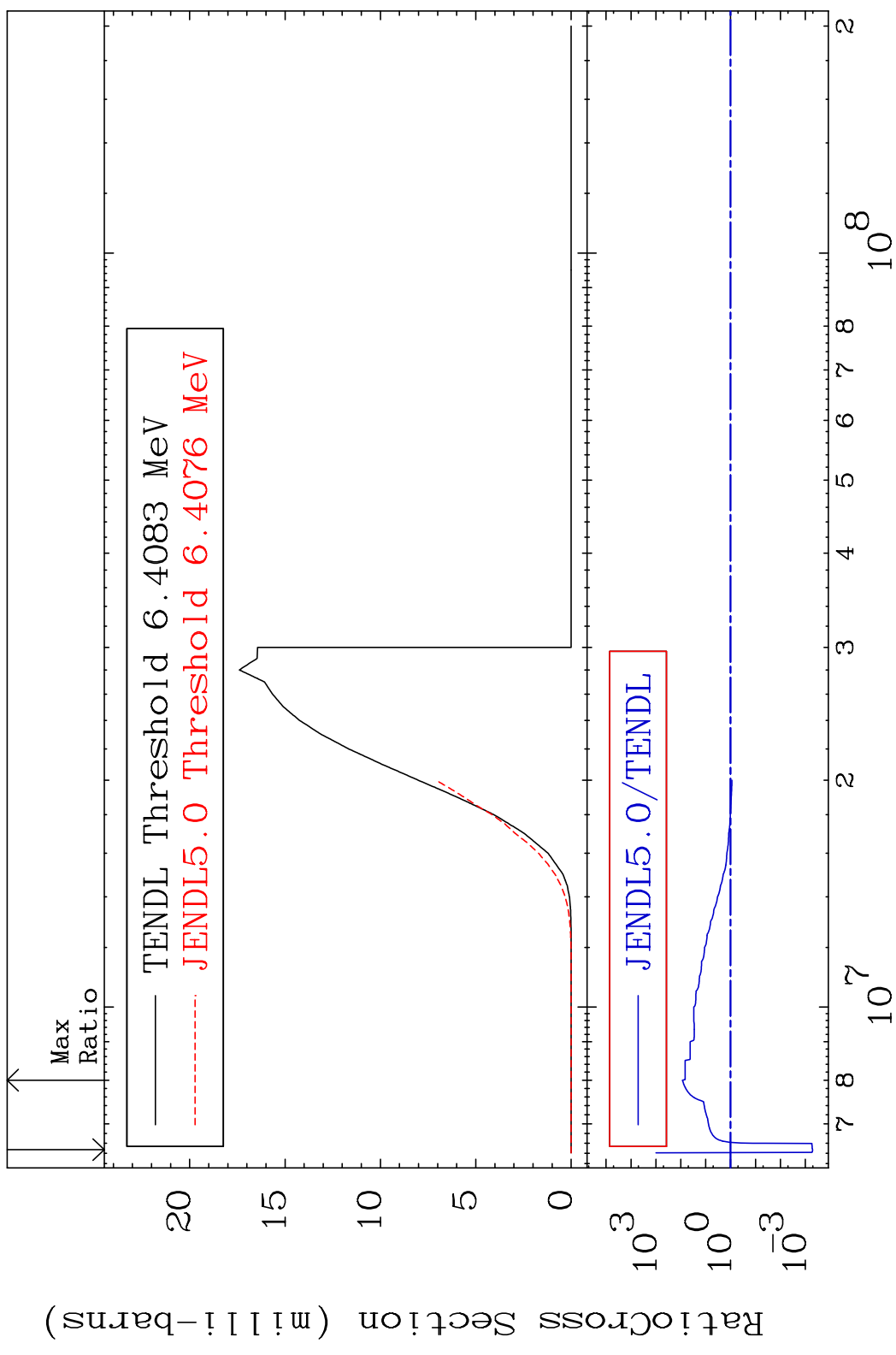
60-Nd-146

MAT 6037

(n, d)

60-Nd-146

Cross Section -99.95 To 8555. %



45

Incident Energy (eV)

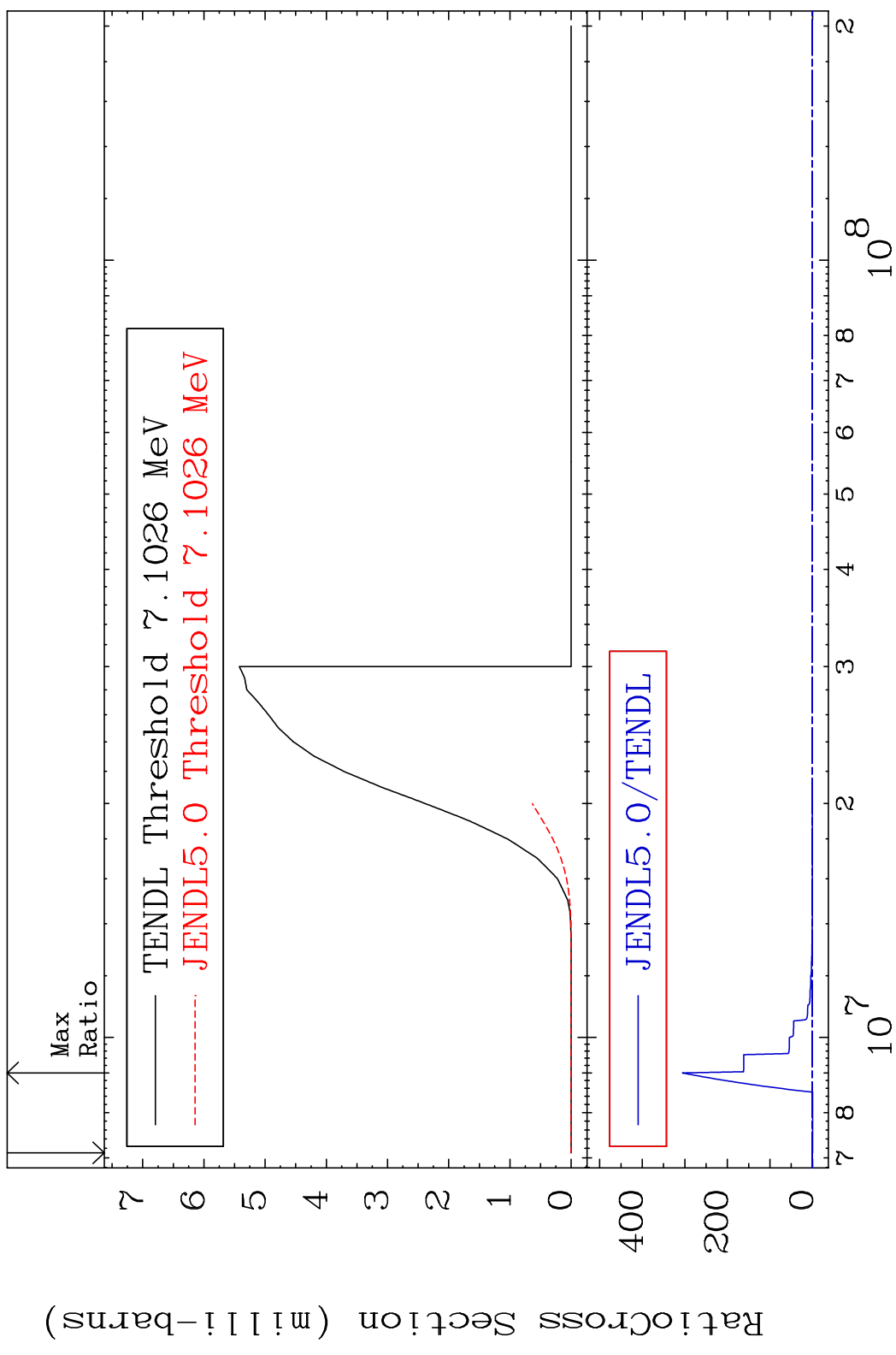
60-Nd-146

MAT 6037

(n, t)

60-Nd-146

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

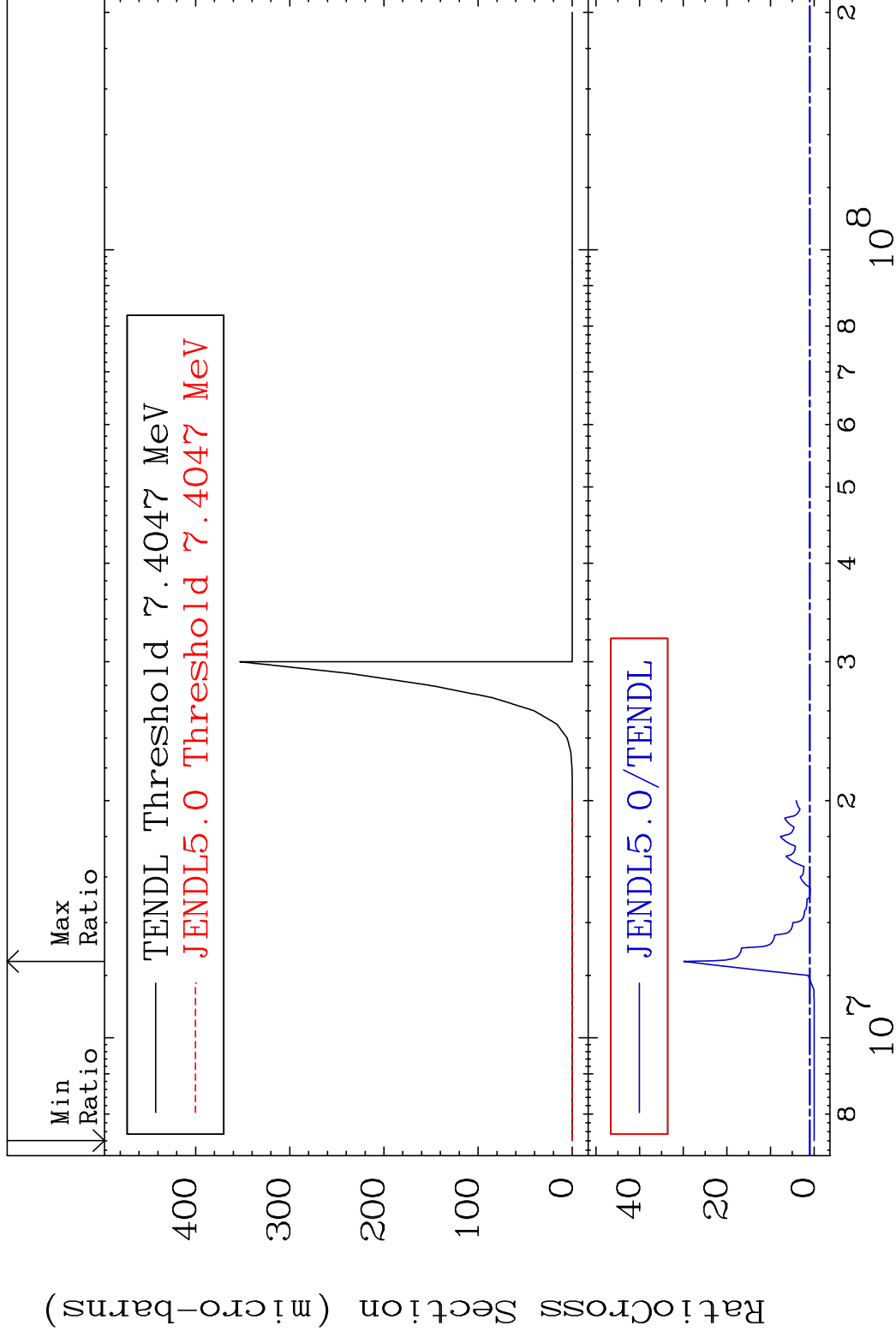
60-Nd-146

MAT 6037

(n, He-3)

60-Nd-146

Cross Section -100.0 To 2891. %



47

Incident Energy (eV)

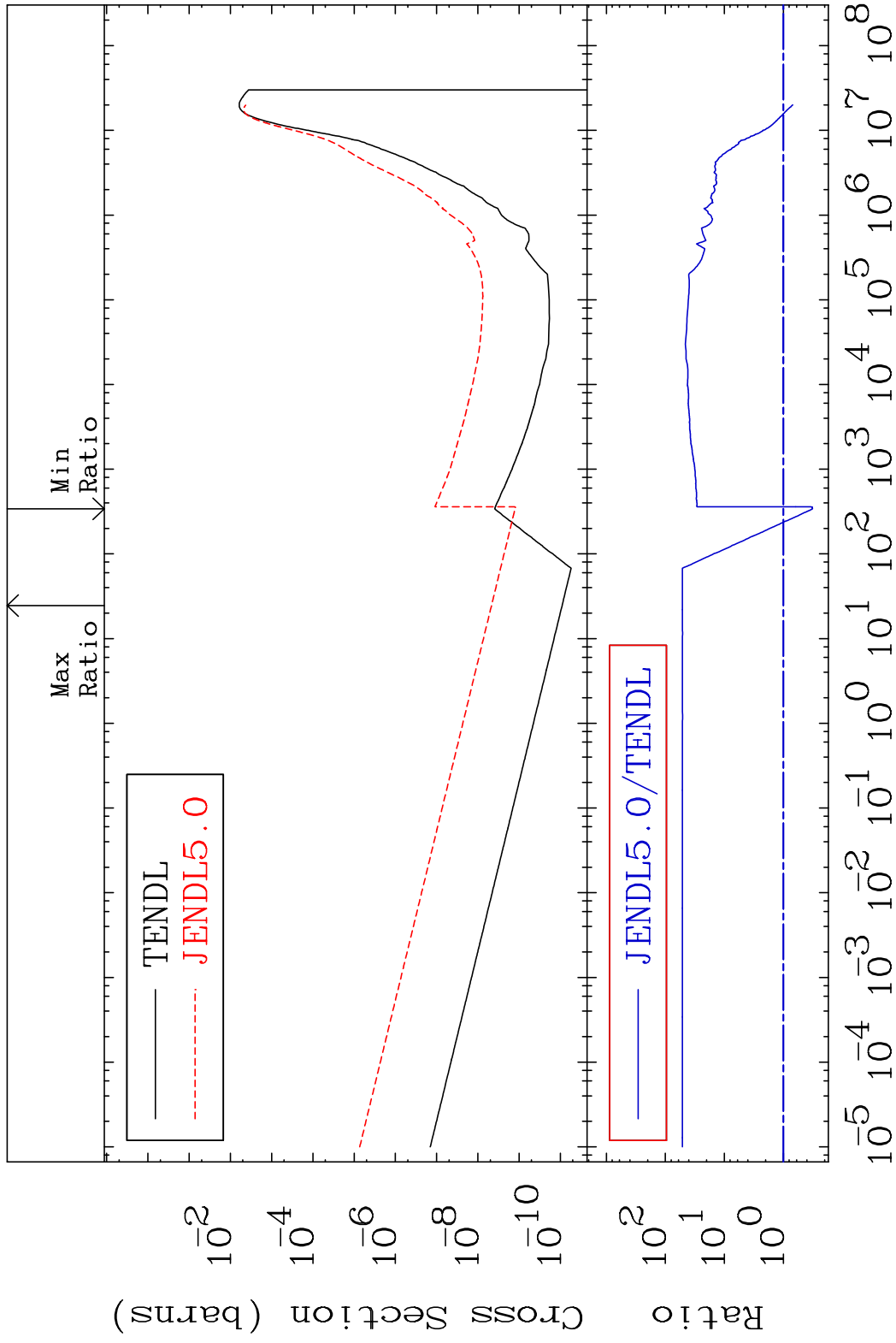
60-Nd-146

MAT 6037

(n, α)

60-Nd-146

Cross Section -67.85 To 5059. %



48

Incident Energy (eV)

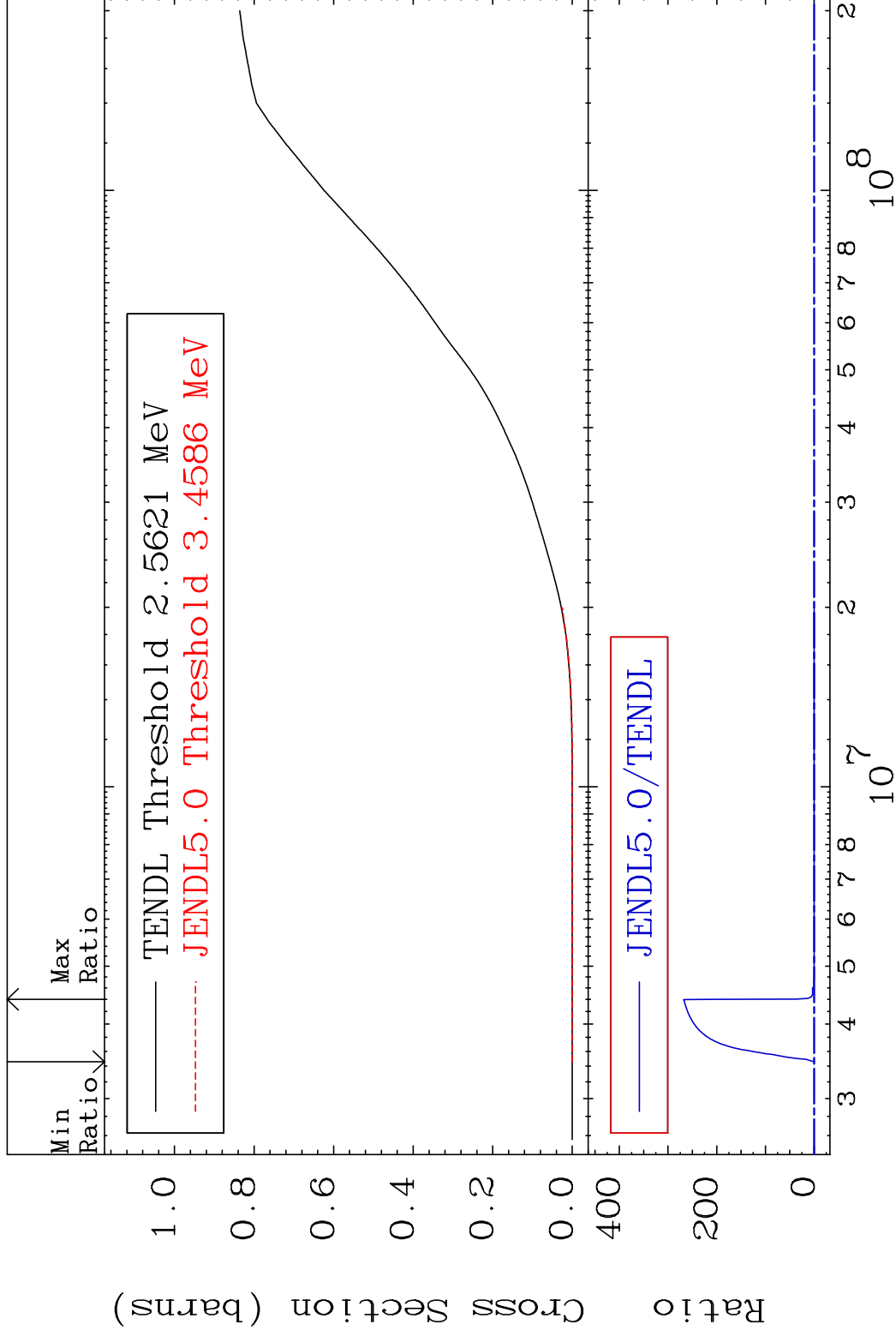
60-Nd-146

MAT 6037

Hydrogen Production

60-Nd-146

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

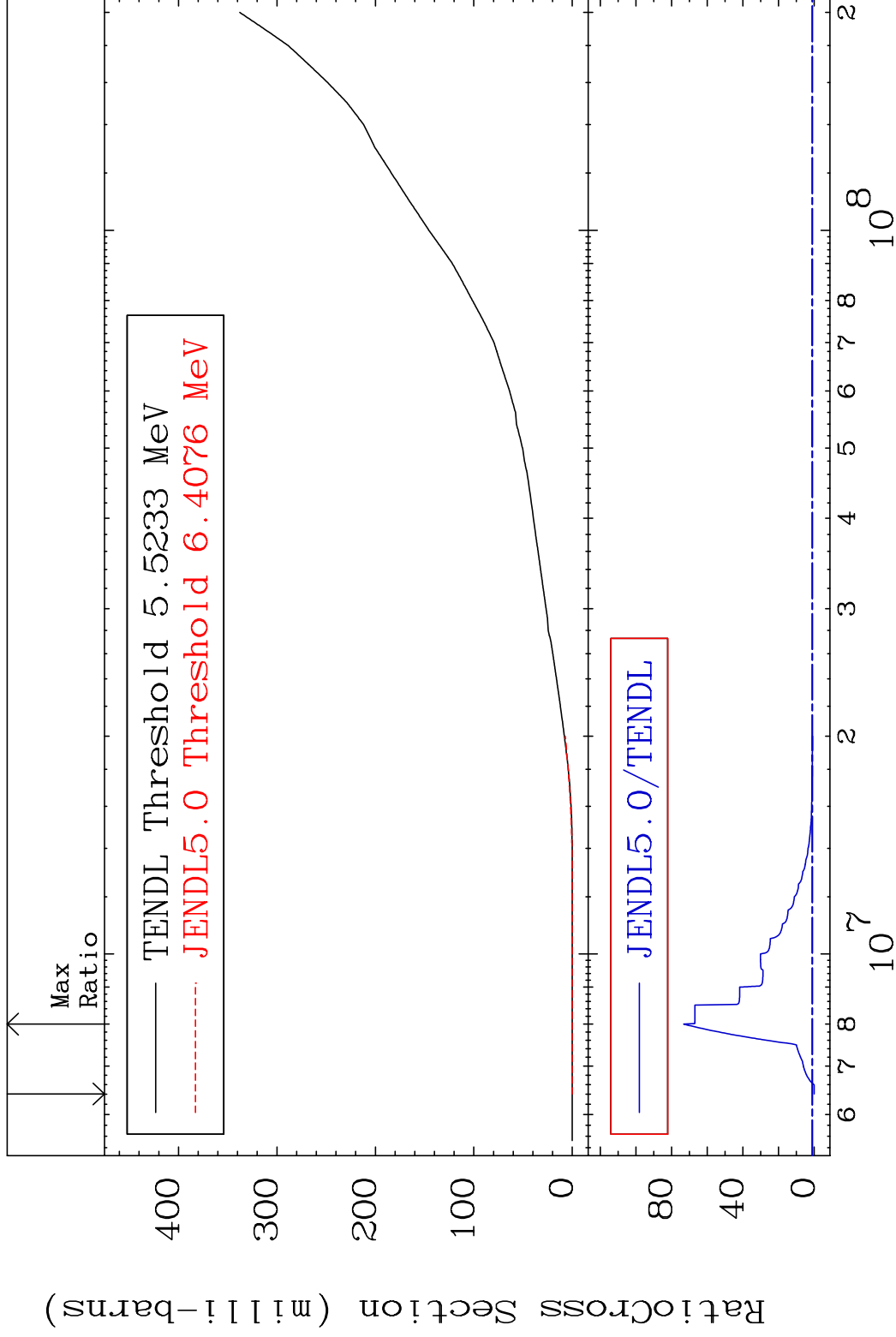
60-Nd-146

MAT 6037

Deuterium Production

60-Nd-146

Cross Section -100.0 To 7224. %

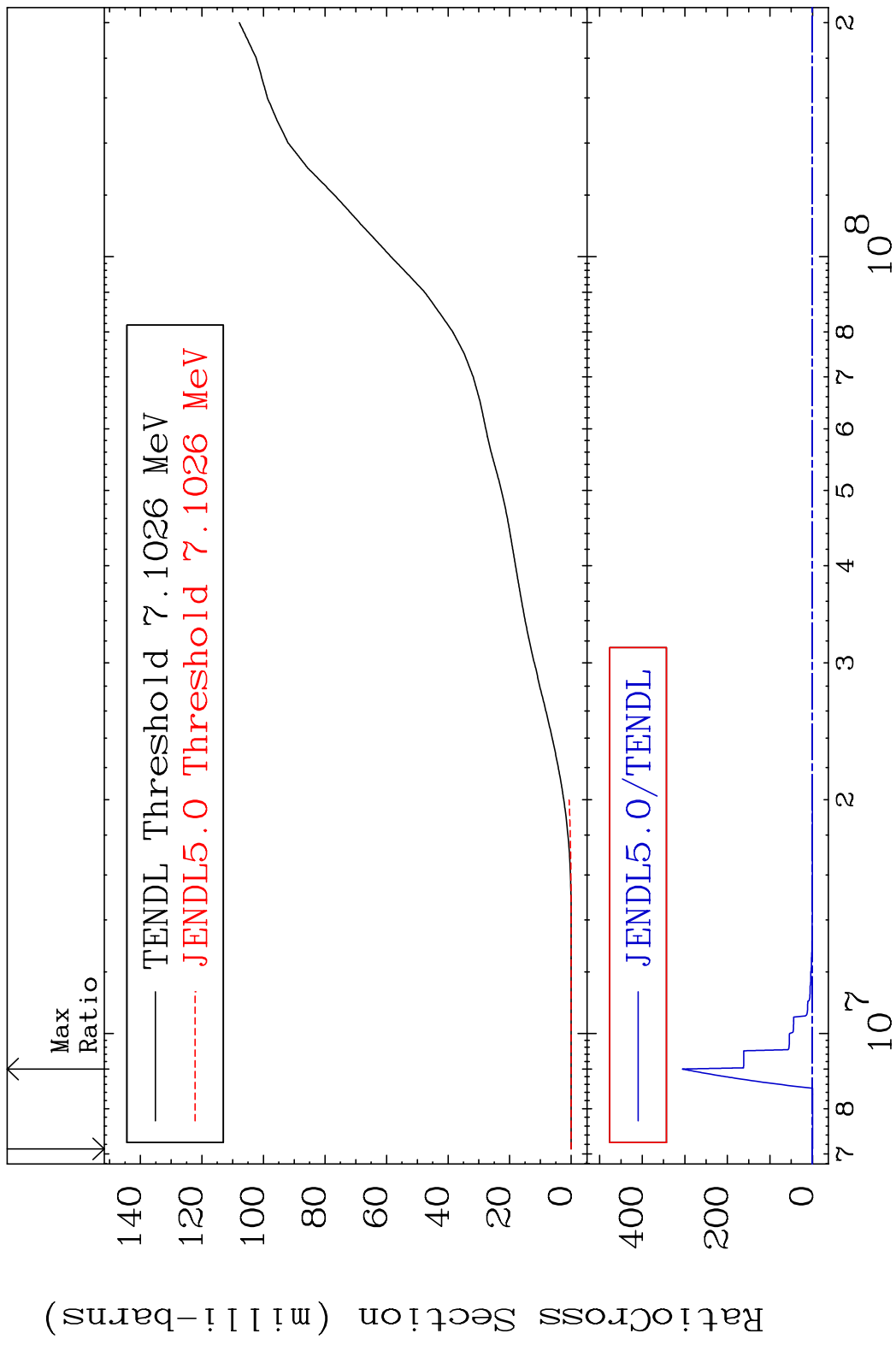


50

Incident Energy (eV)

60-Nd-146

MAT 6037 Tritium Production 60-Nd-146
 Cross Section -100.0 To 9999. %

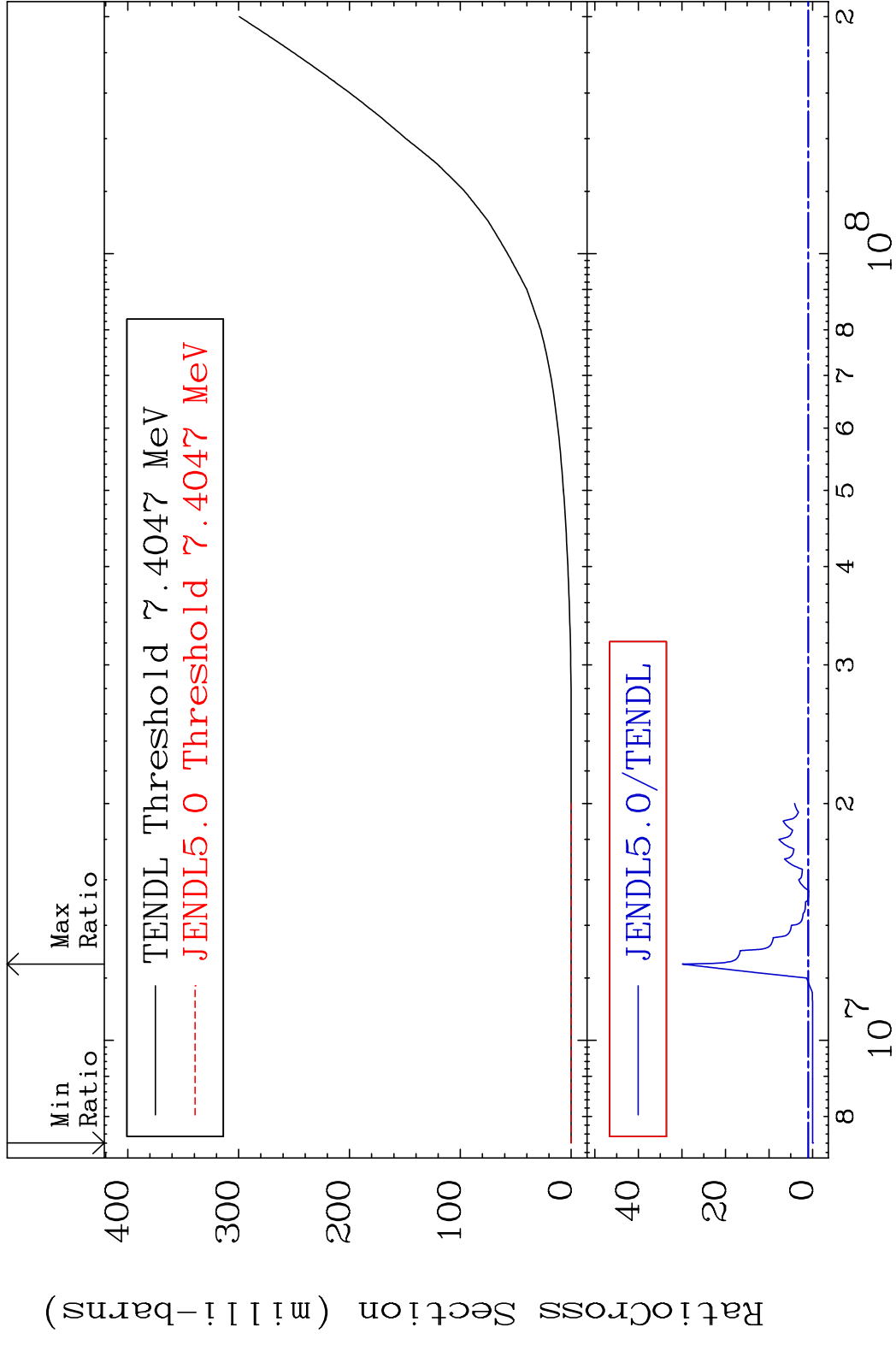


MAT 6037

He-3 Production

60-Nd-146

Cross Section -100.0 To 2891. %

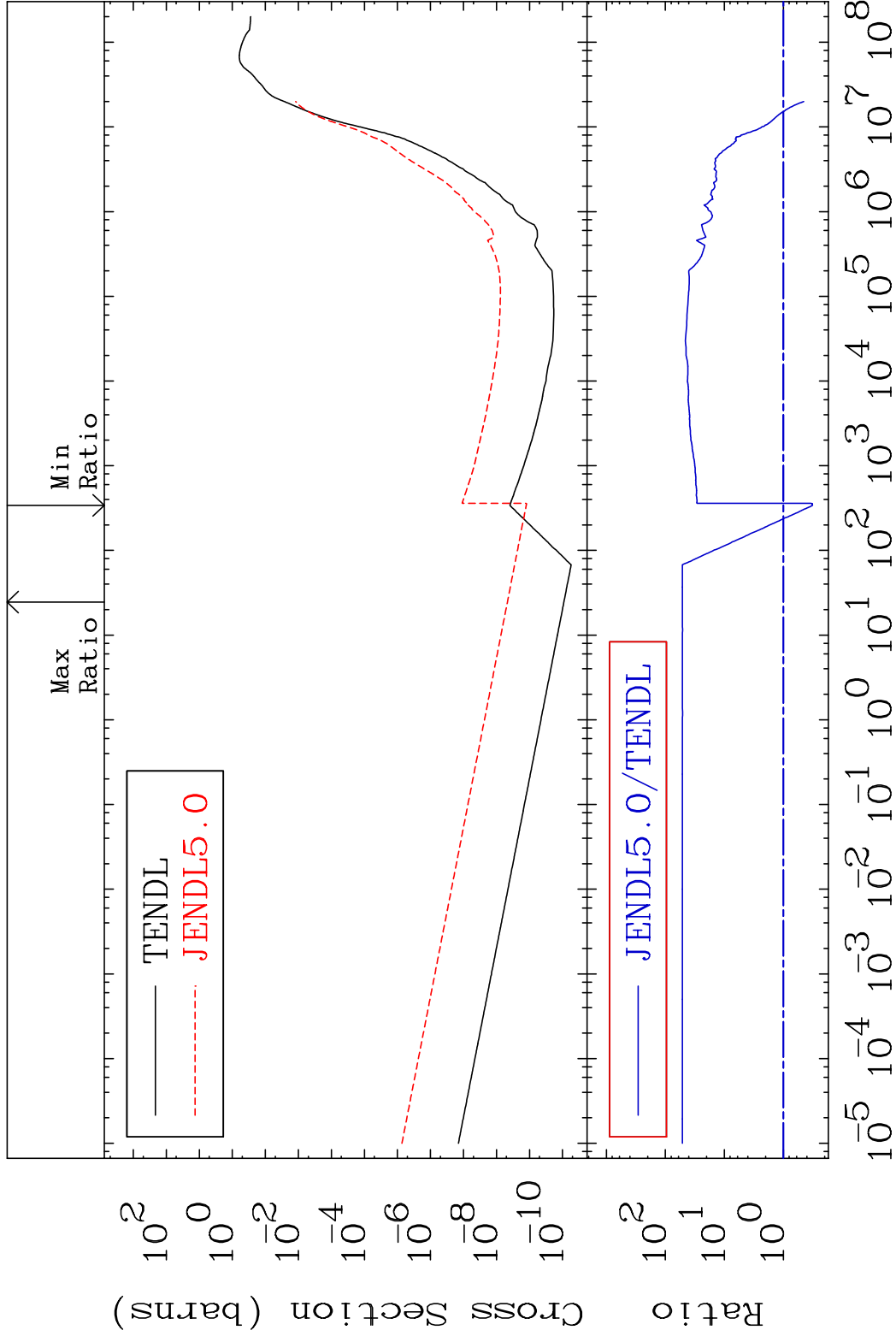


MAT 6037

He-4 Production

60-Nd-146

Cross Section -67.85 To 5059. %

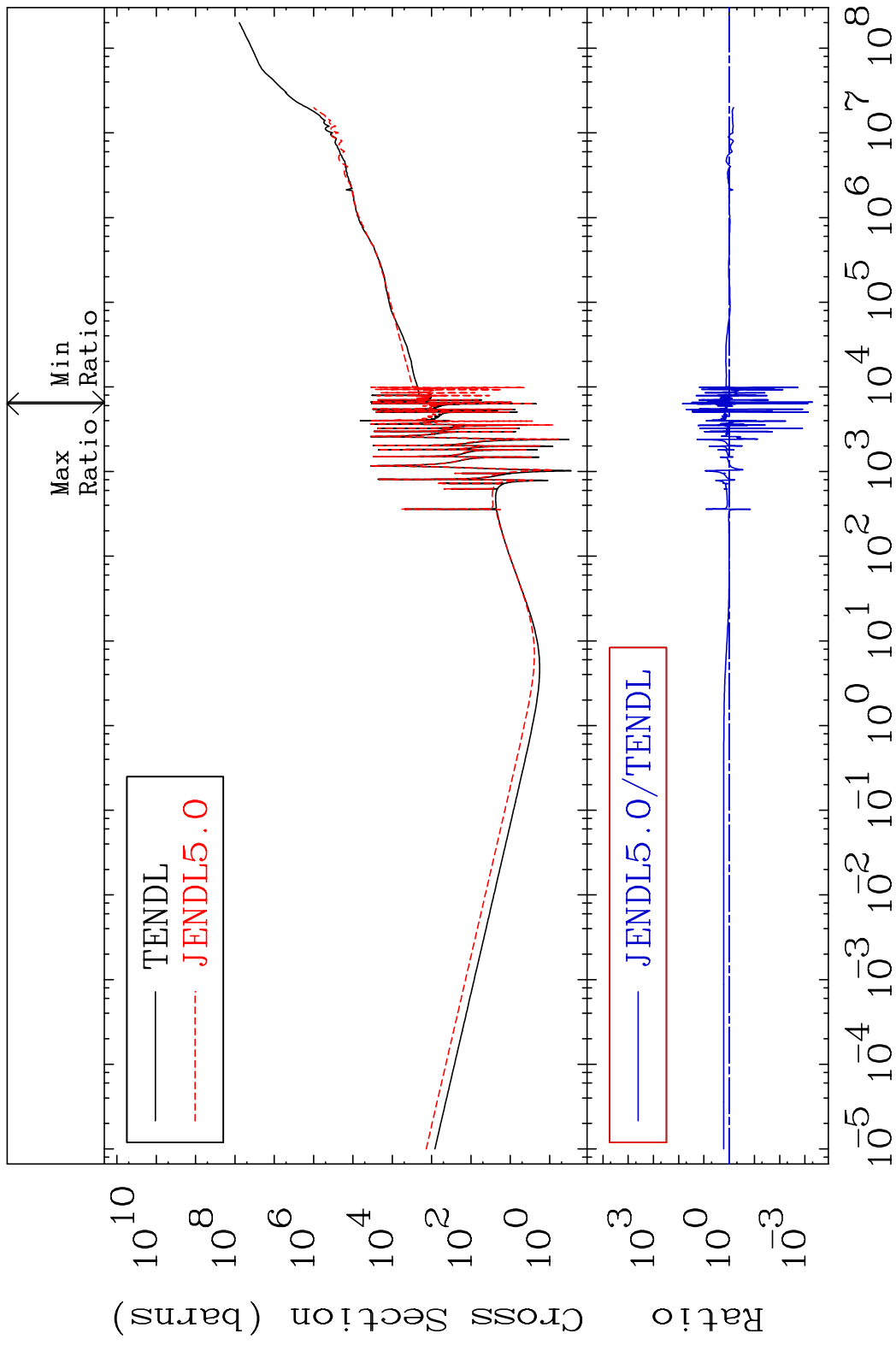


53

Incident Energy (eV)

60-Nd-146

MAT 6037 Kerma total (eV-barns) 60-Nd-146
 Cross Section -99.95 To 7057. %

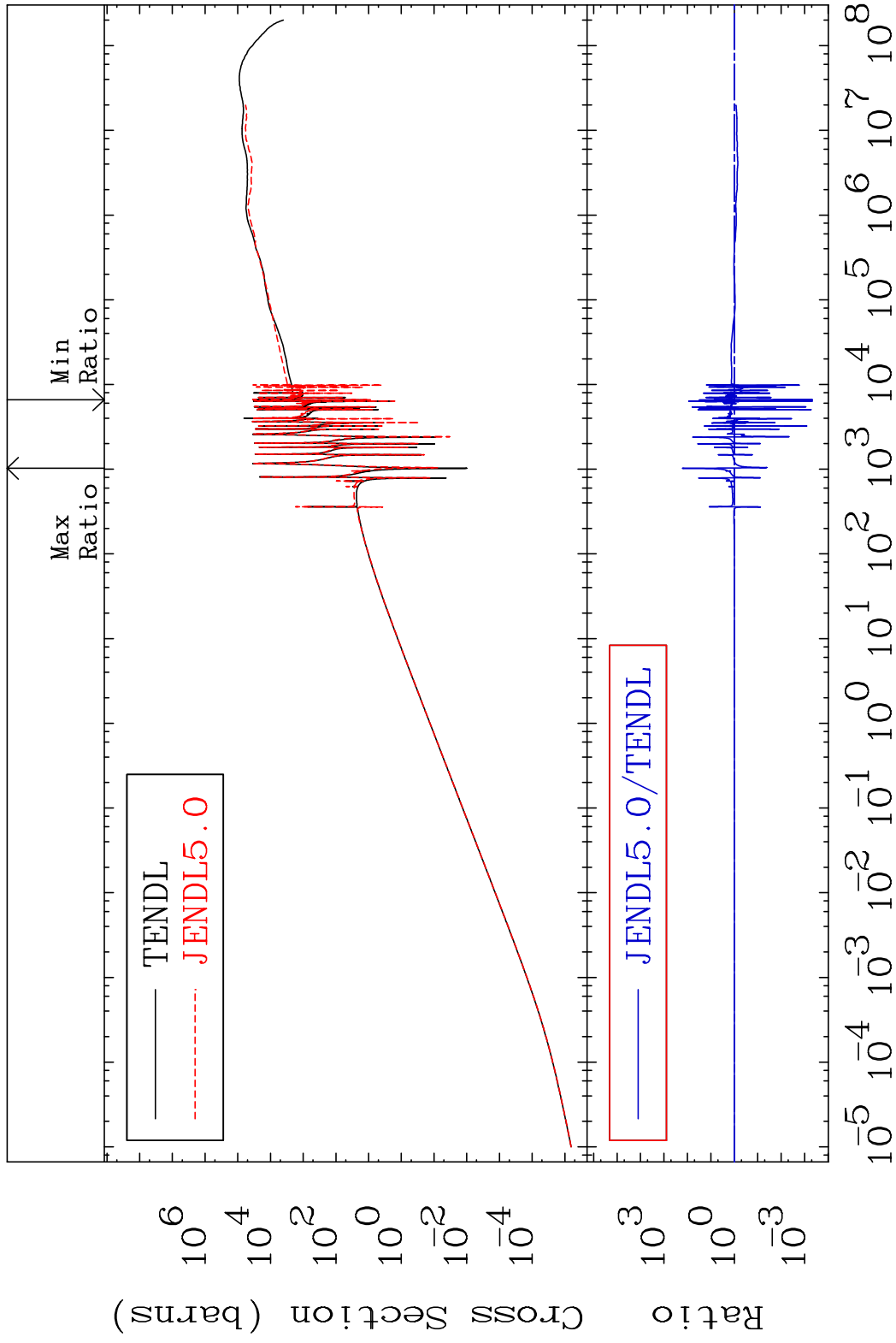


MAT 6037

Kerma elastic
Cross Section

60-Nd-146

-99.95 To 9999. %

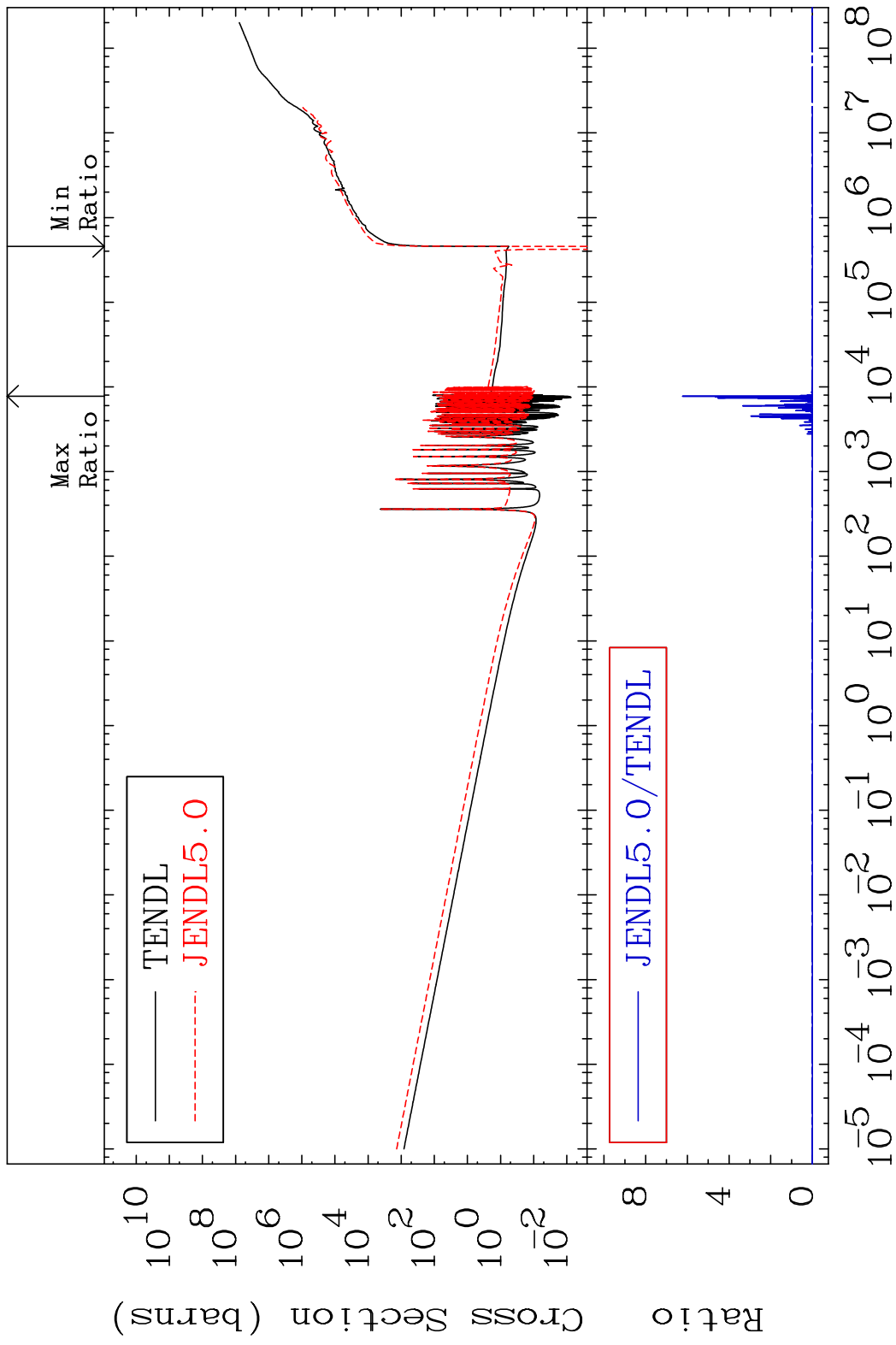


55

Incident Energy (eV)

60-Nd-146

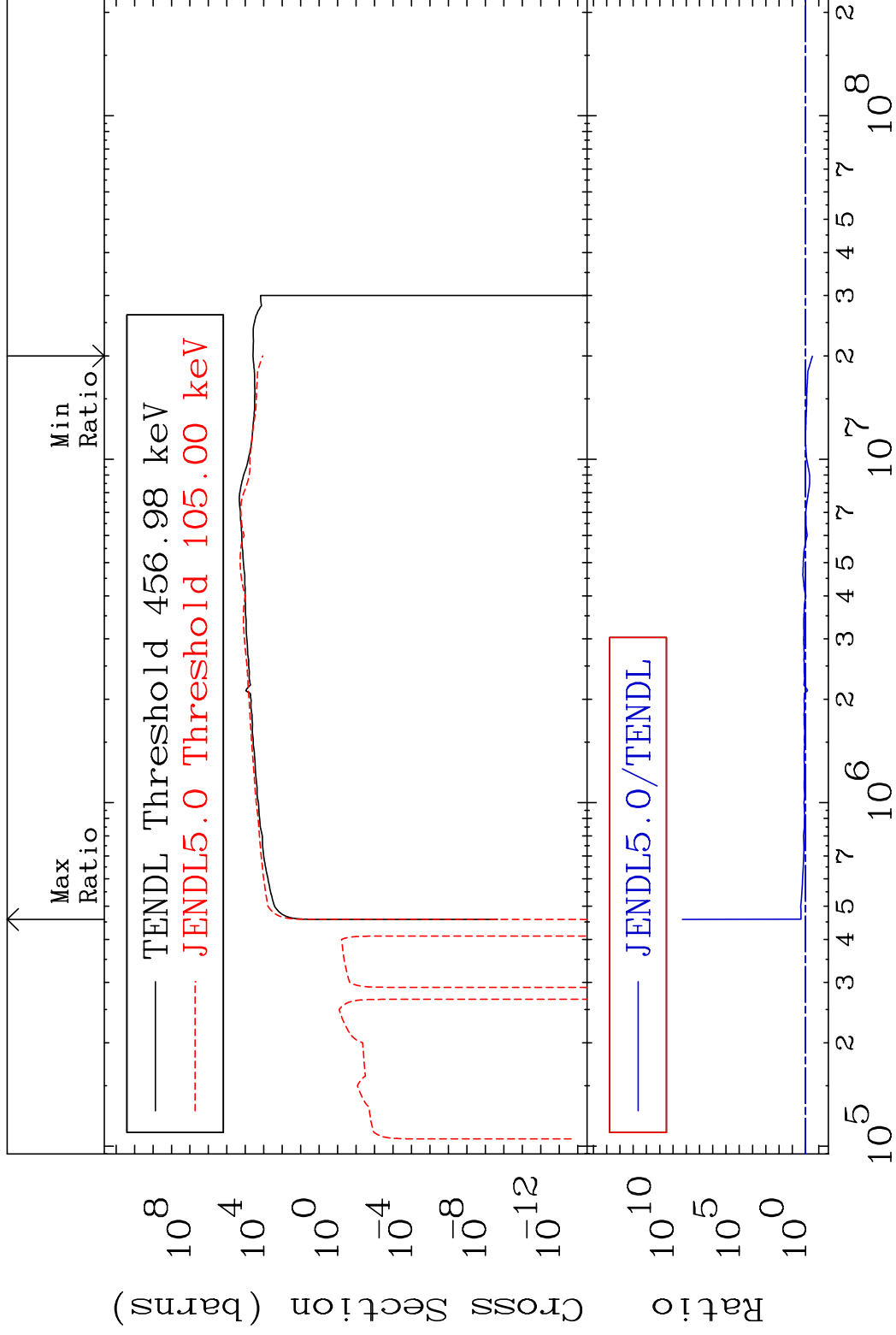
MAT 6037 Kerma non-elastic (all but mt2) 60-Nd-146
 Cross Section -820.5 To 9999. %



MAT 6037

Kerma inelastic (mt51-91) 60-Nd-146

Cross Section -70.23 To 9999. %

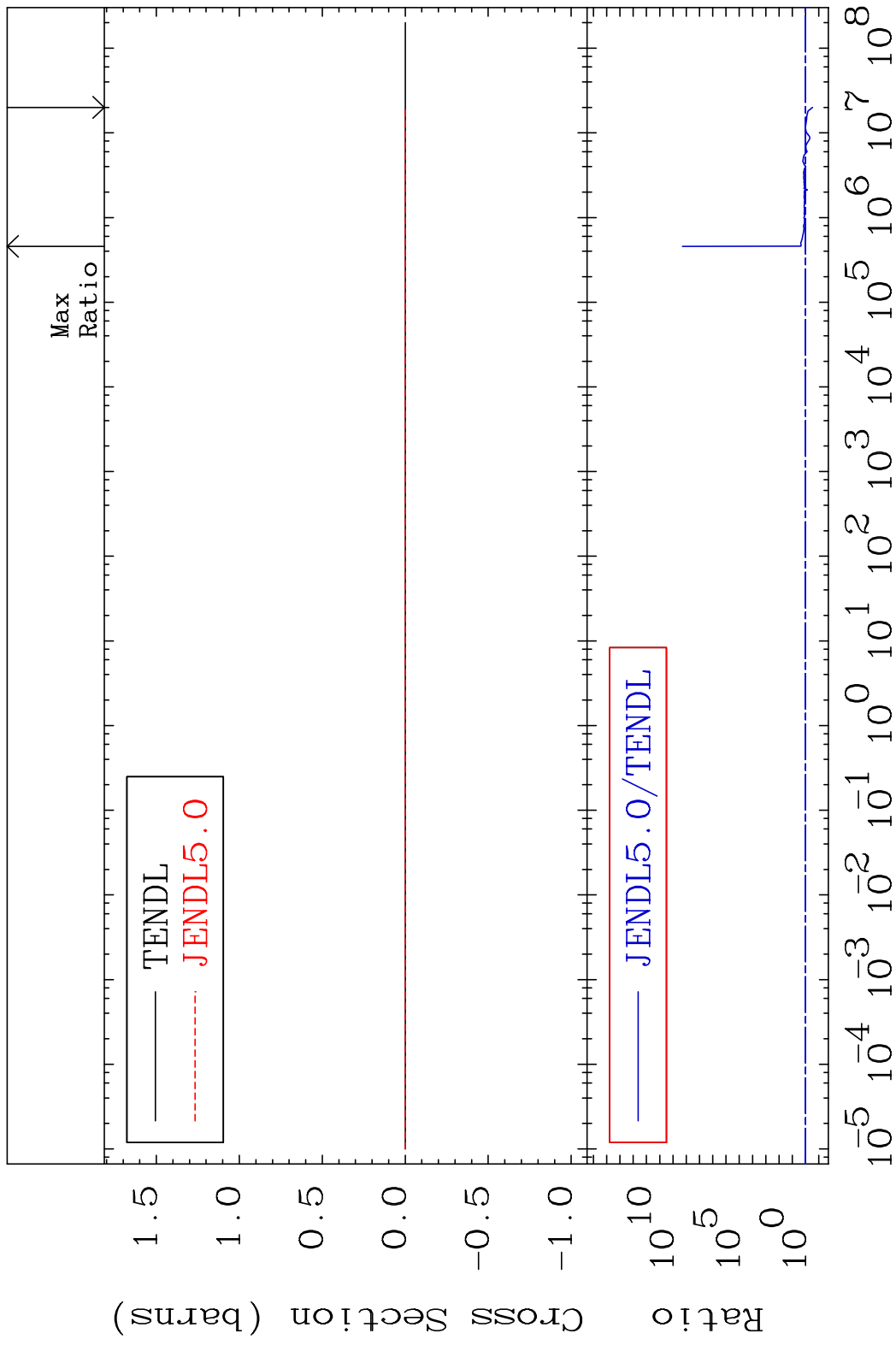


57

Incident Energy (eV)

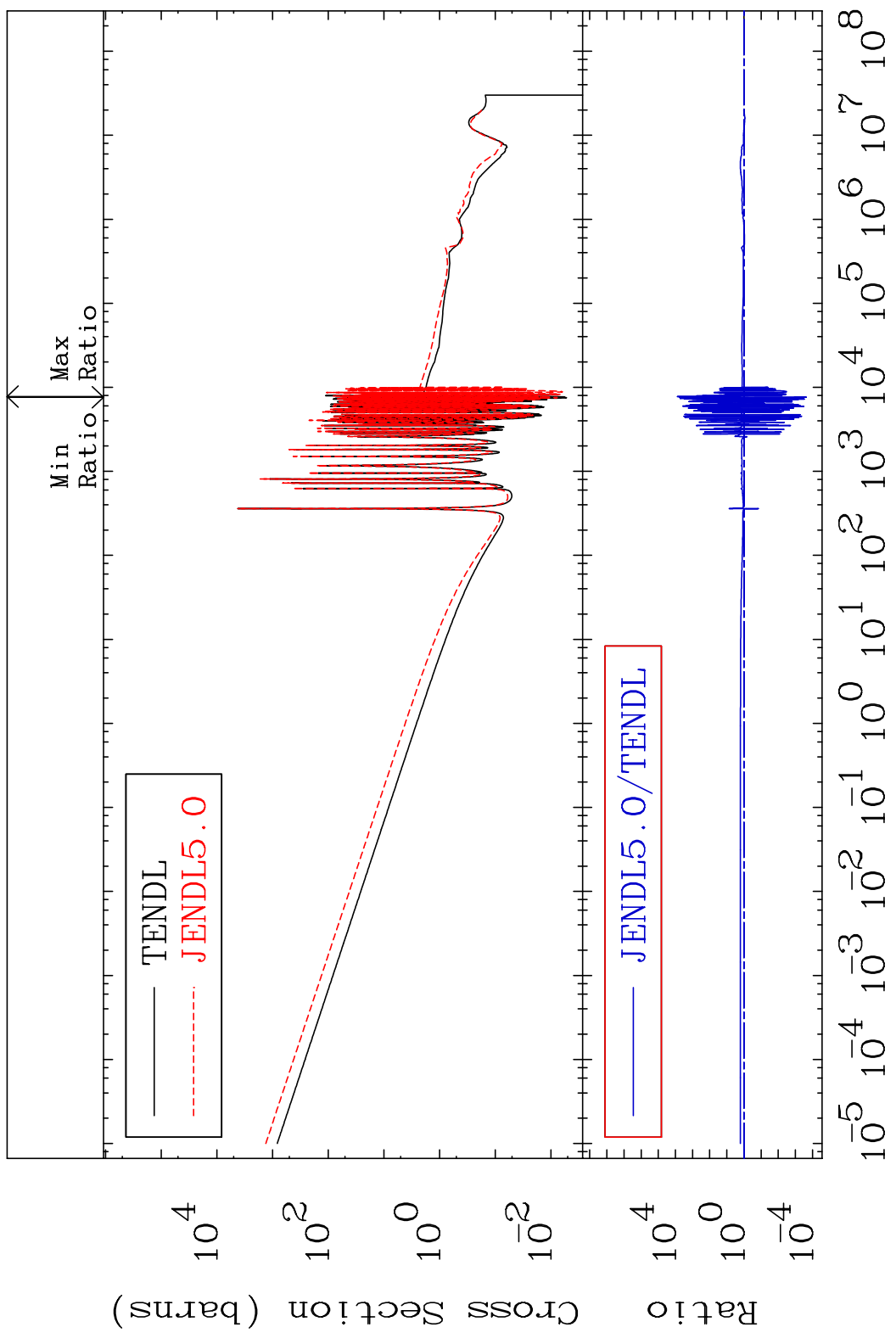
60-Nd-146

MAT 6037 Kerma fission (mt18 or mt19-20-21-38) ^{60}Nd -146
 Cross Section -70.23 To 9999. %



MAT 6037

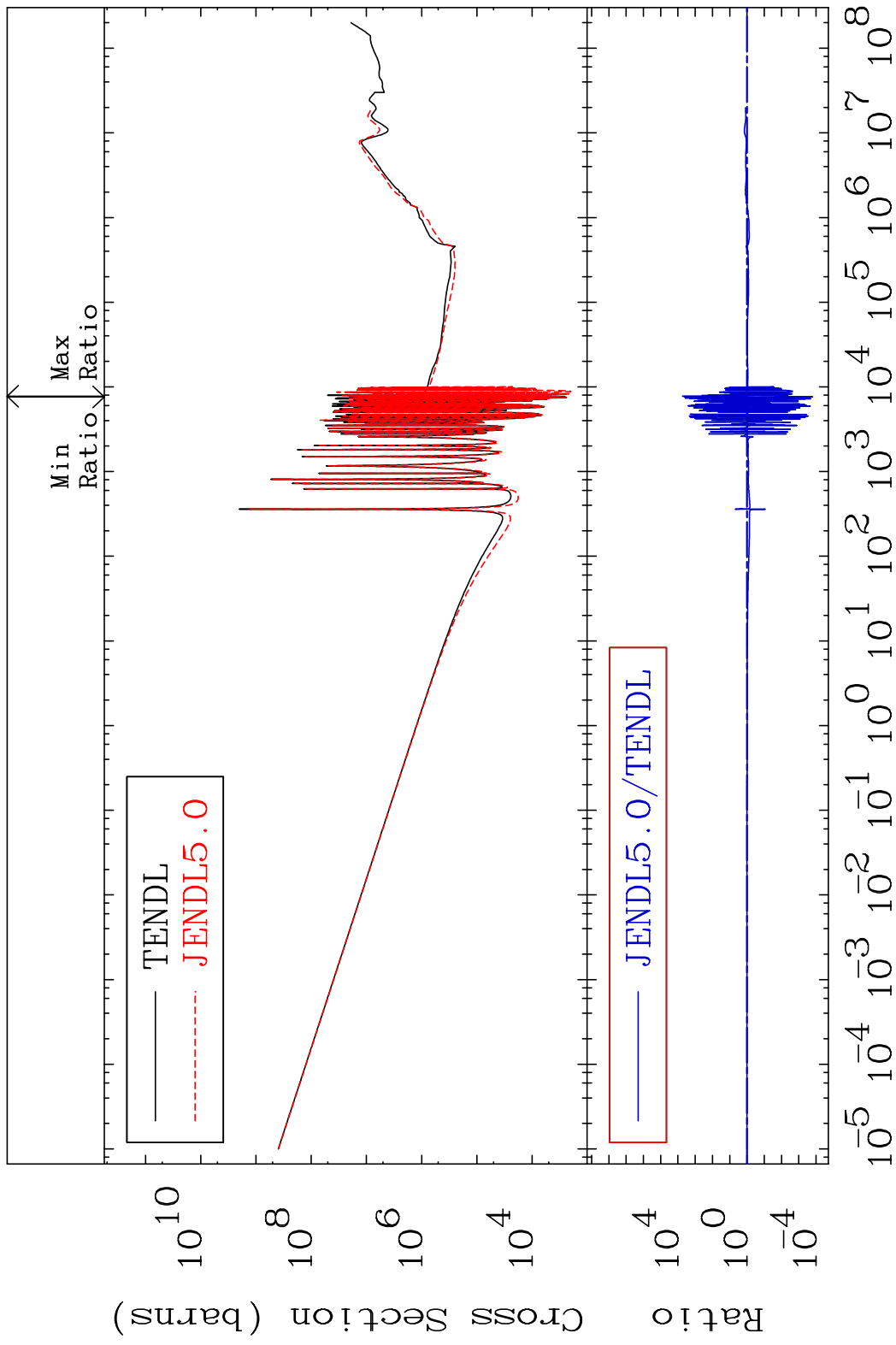
Kerma capture (mt102) 60-Nd-146
Cross Section -99.98 To 9999. %



59

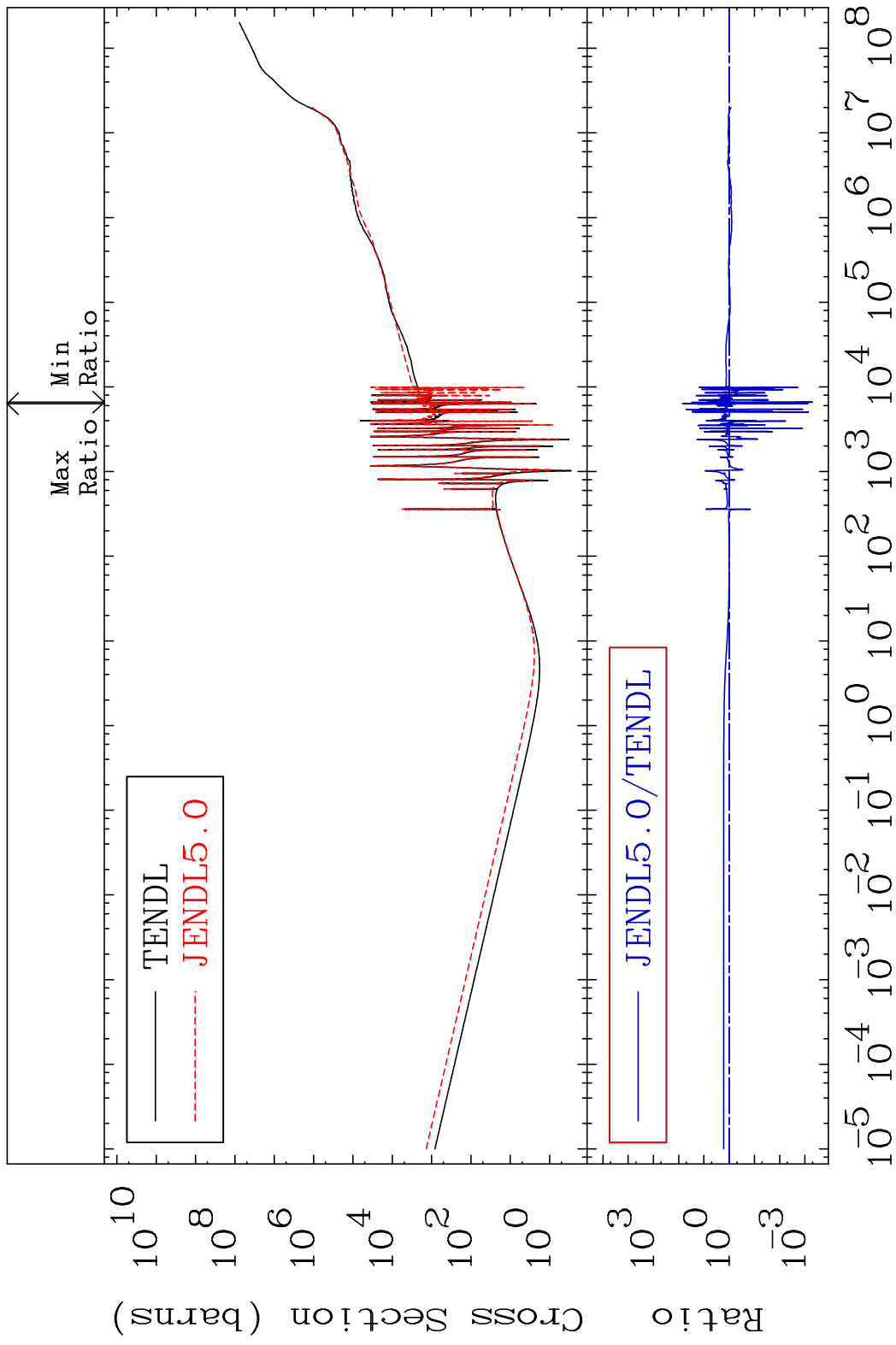
Incident Energy (eV) 60-Nd-146

MAT 6037 Total photon (eV-barns) 60-Nd-146
Cross Section -99.98 To 9999. %

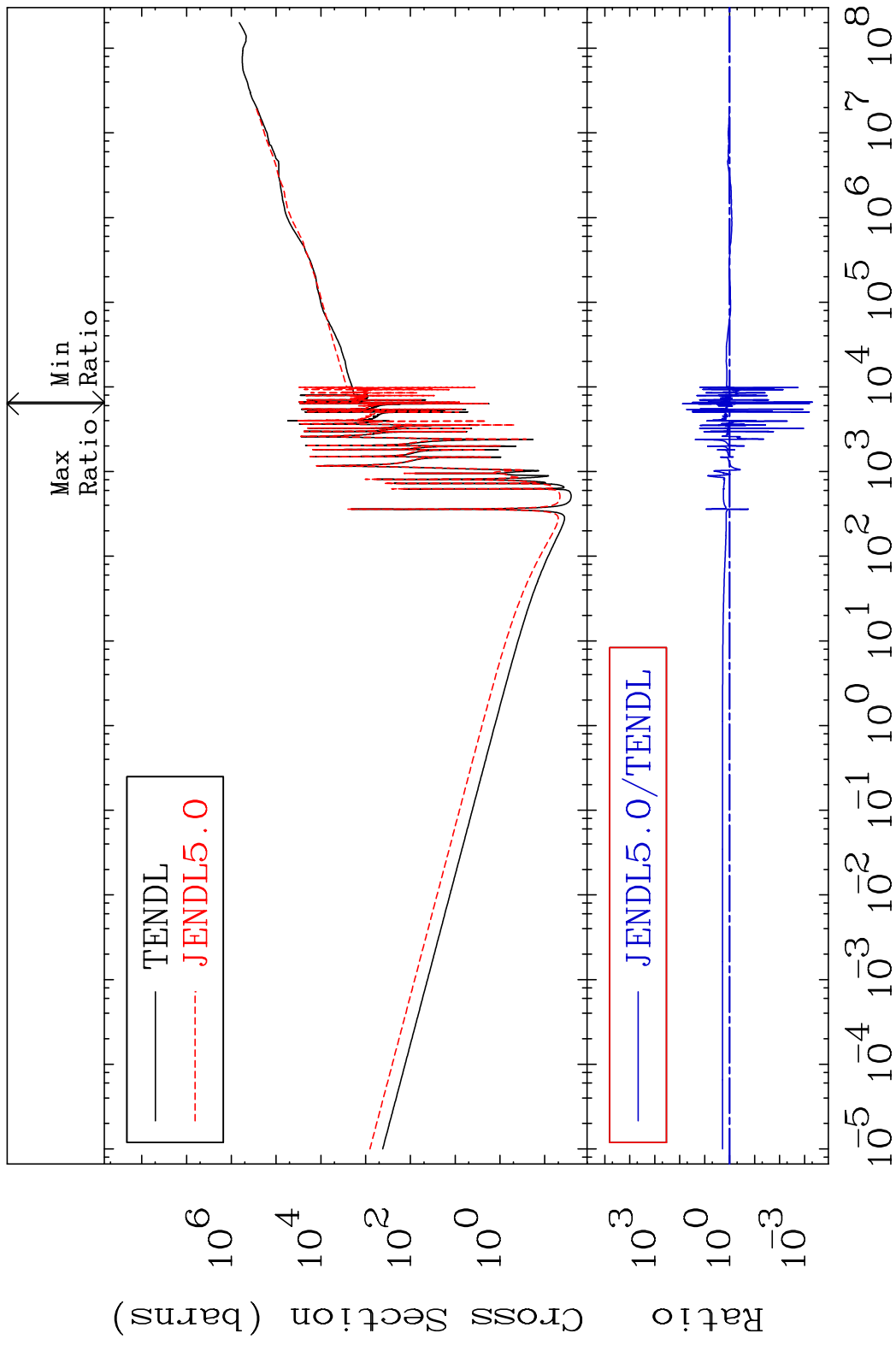


60 Incident Energy (eV) 60-Nd-146

MAT 6037 Total kinematic kerma (high limit) 60-Nd-146
 Cross Section -99.95 To 7057. %



MAT 6037 Dpa total (eV-barns) 60-Nd-146
 Cross Section -99.95 To 7734. %

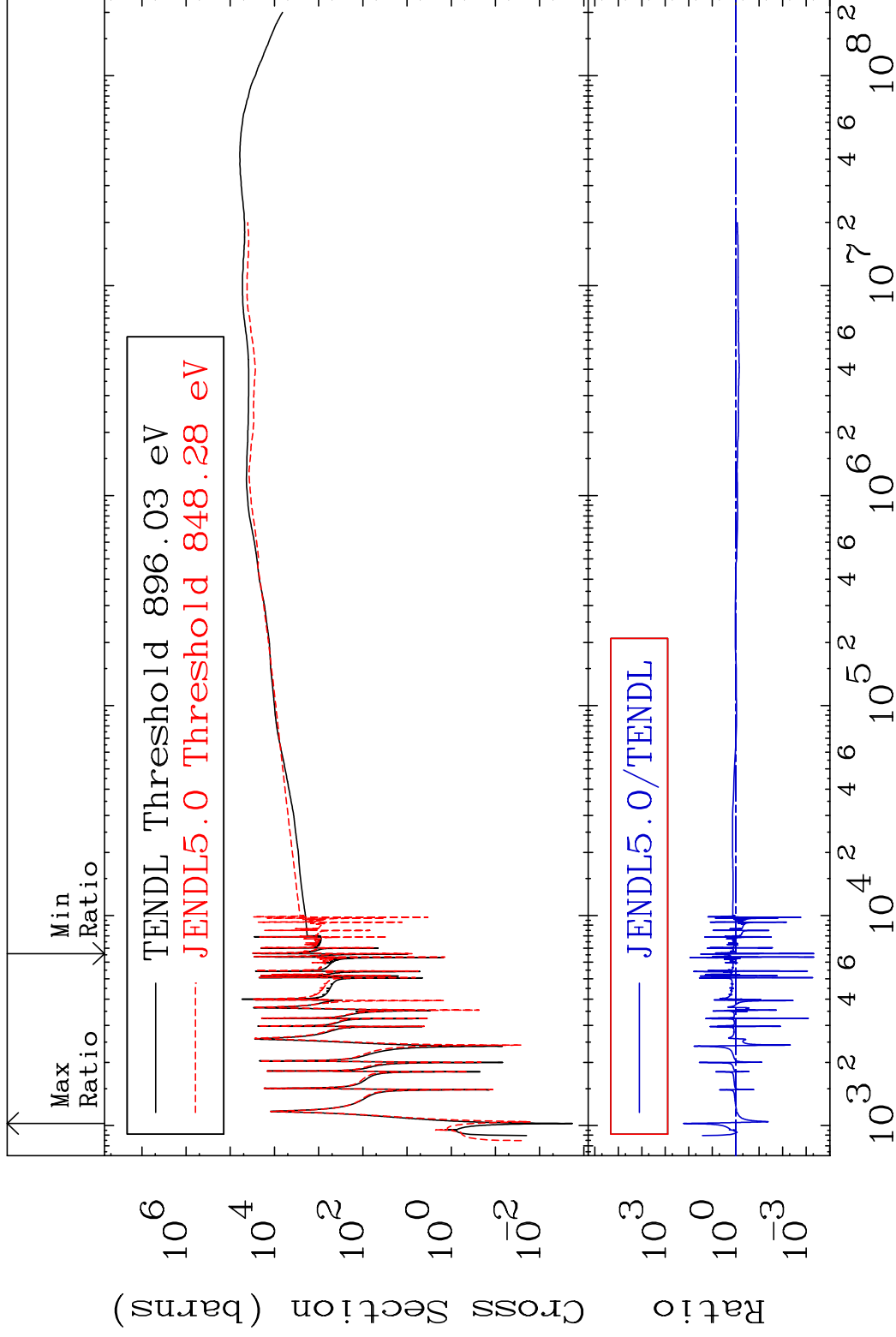


MAT 6037

Dpa elastic (mt2)

60-Nd-146

Cross Section -99.95 To 9999. %

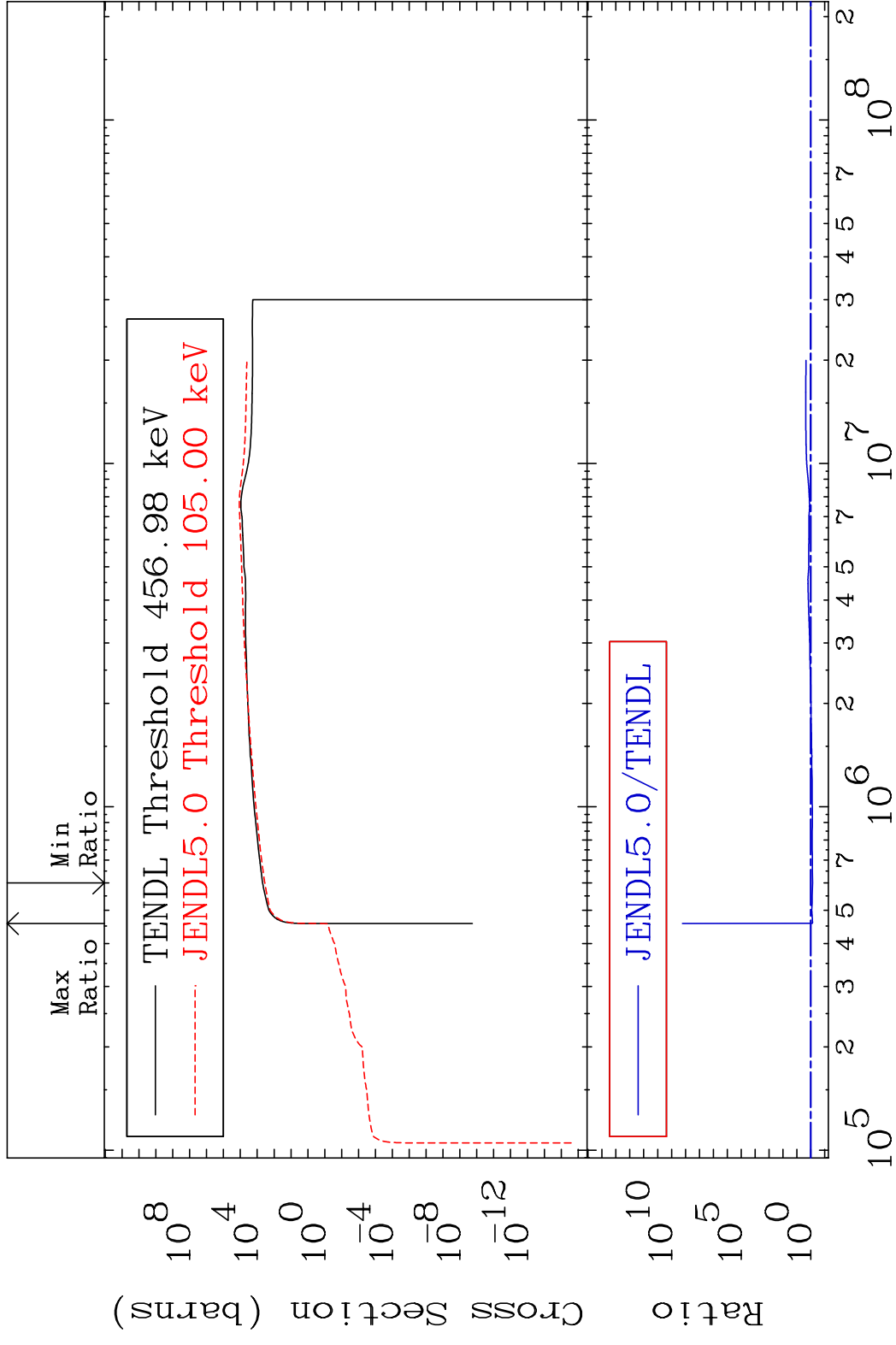


63

Incident Energy (eV)

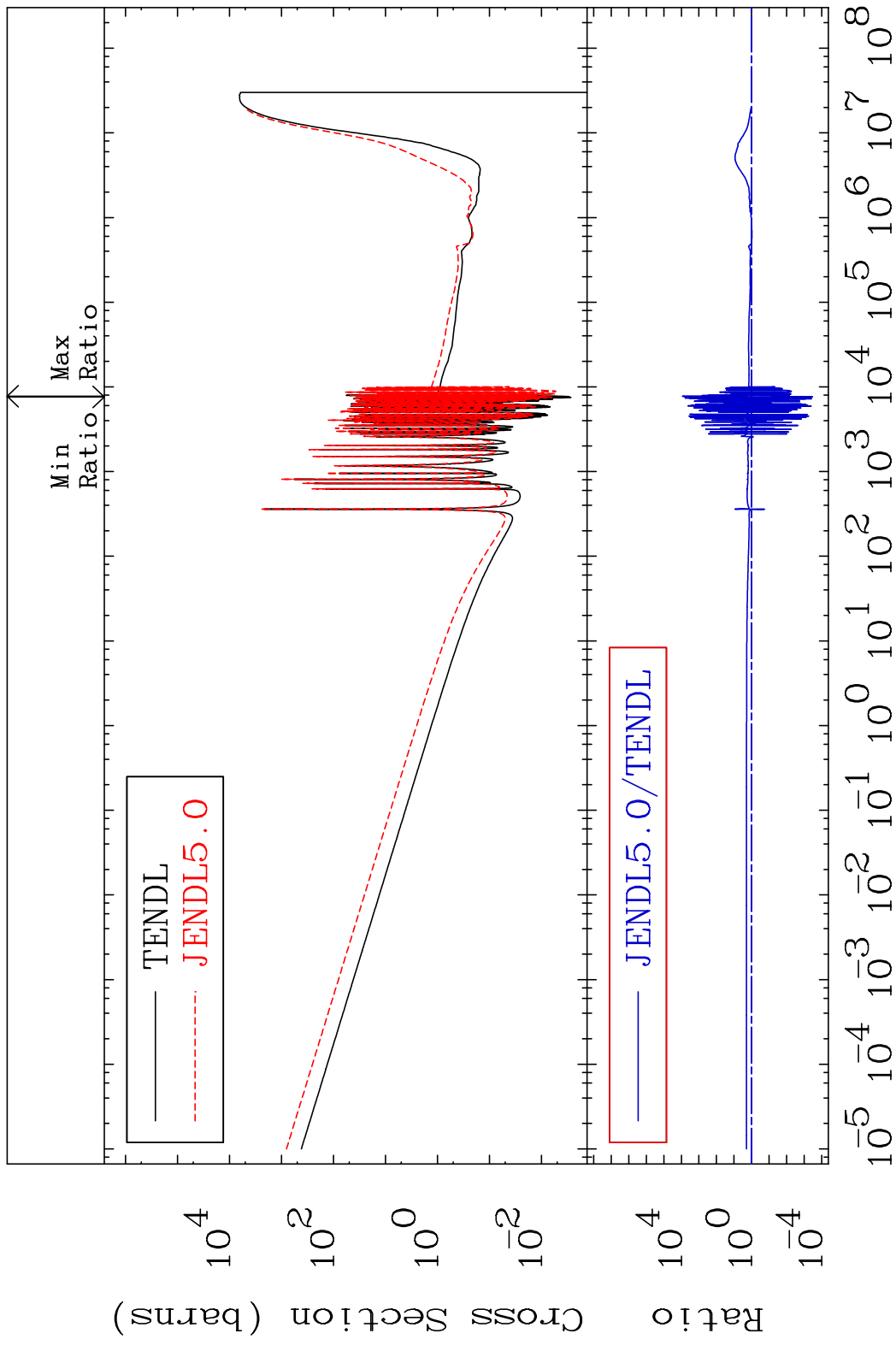
60-Nd-146

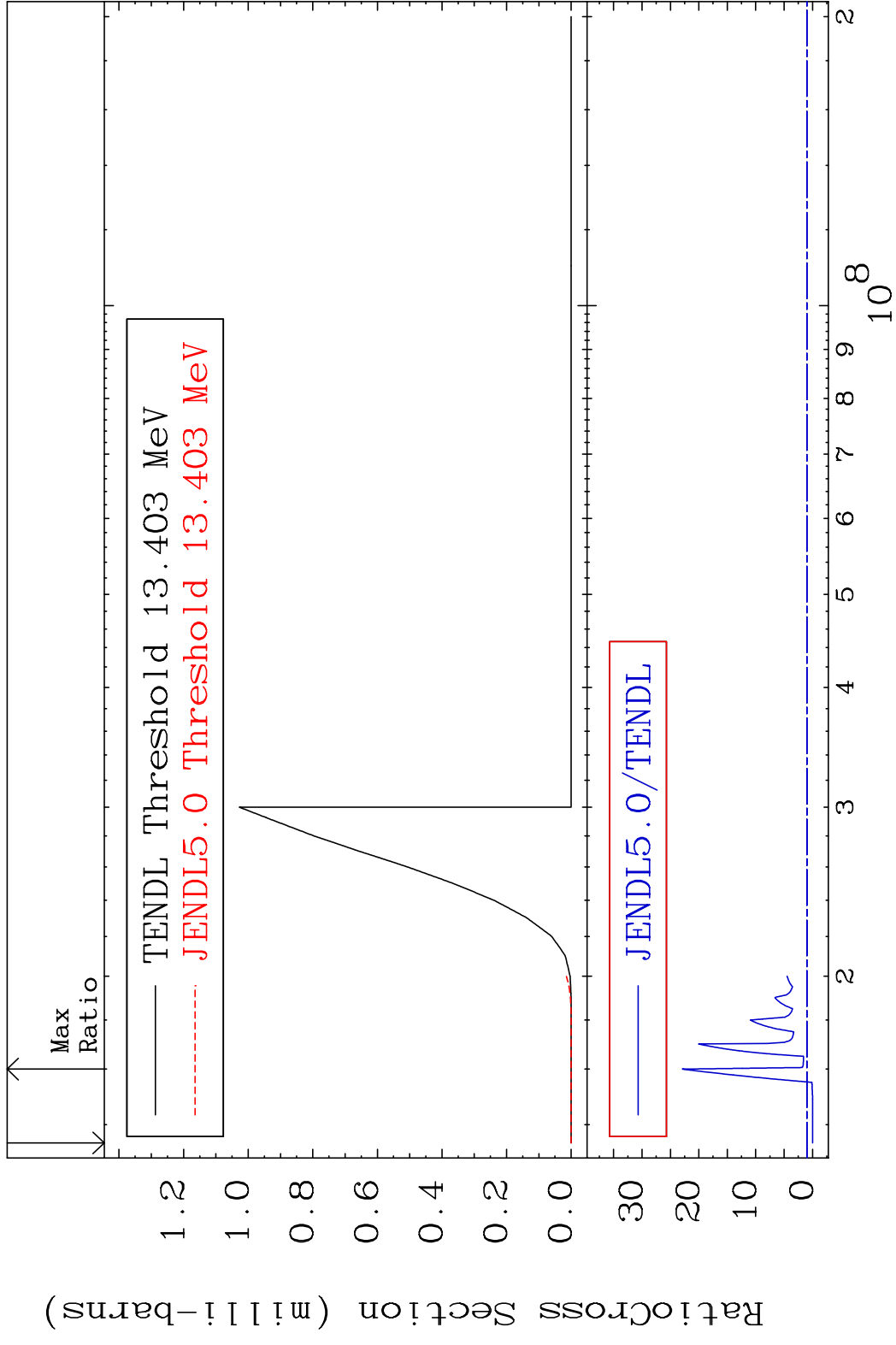
MAT 6037 Dpa inelastic (mt51-91) 60-Nd-146
 Cross Section -25.52 To 9999. %

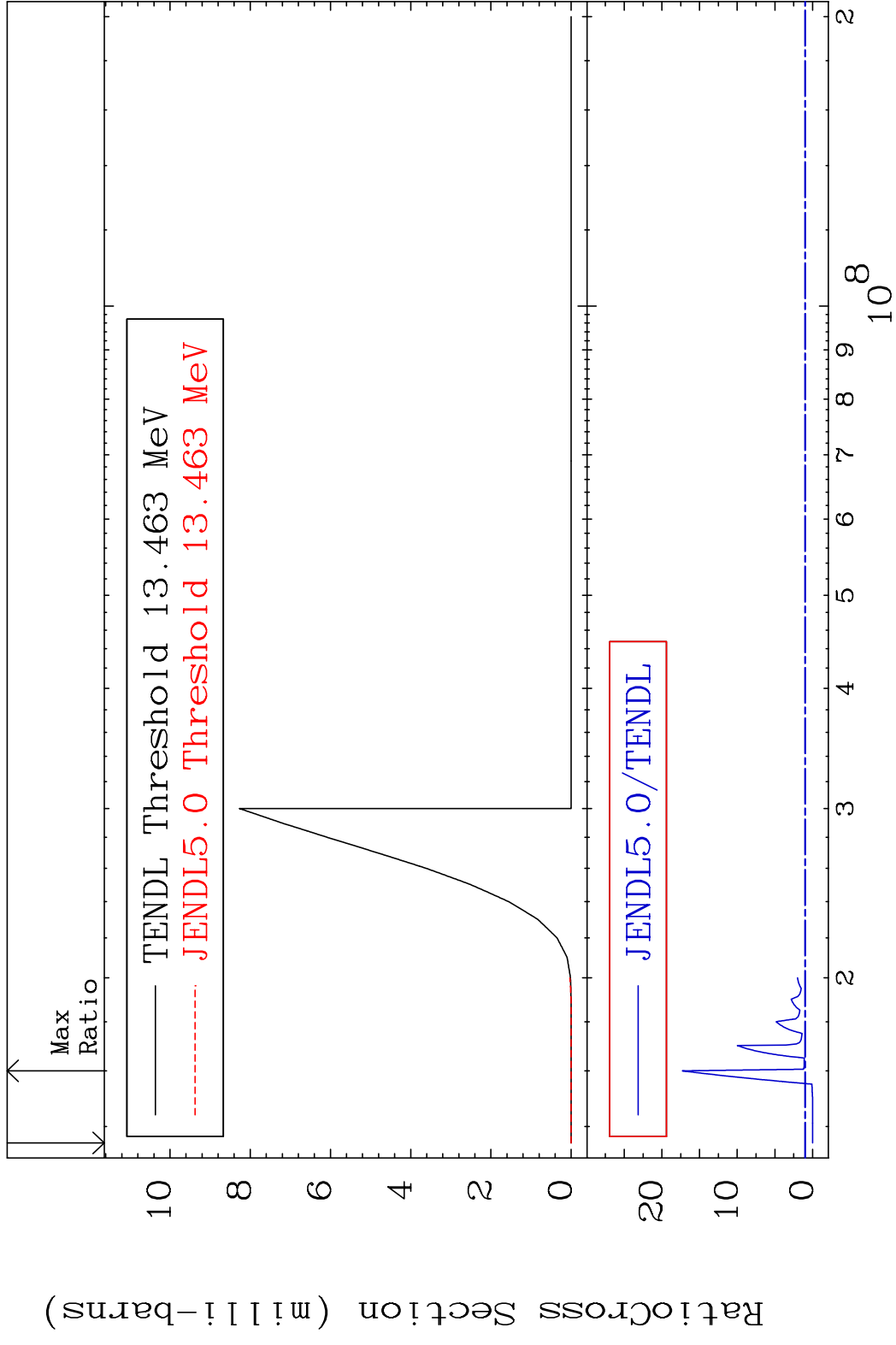


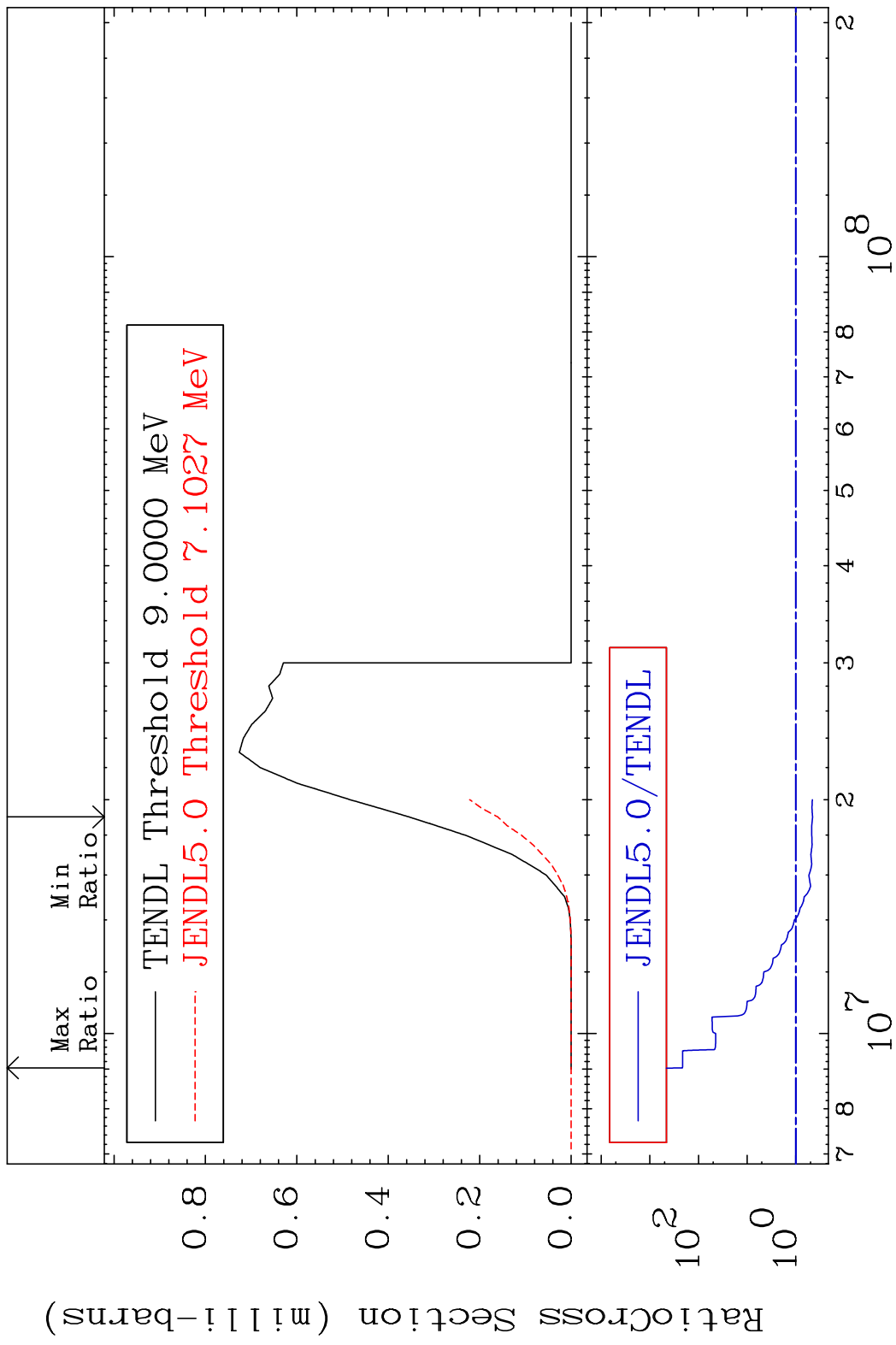
64 Incident Energy (eV) 60-Nd-146

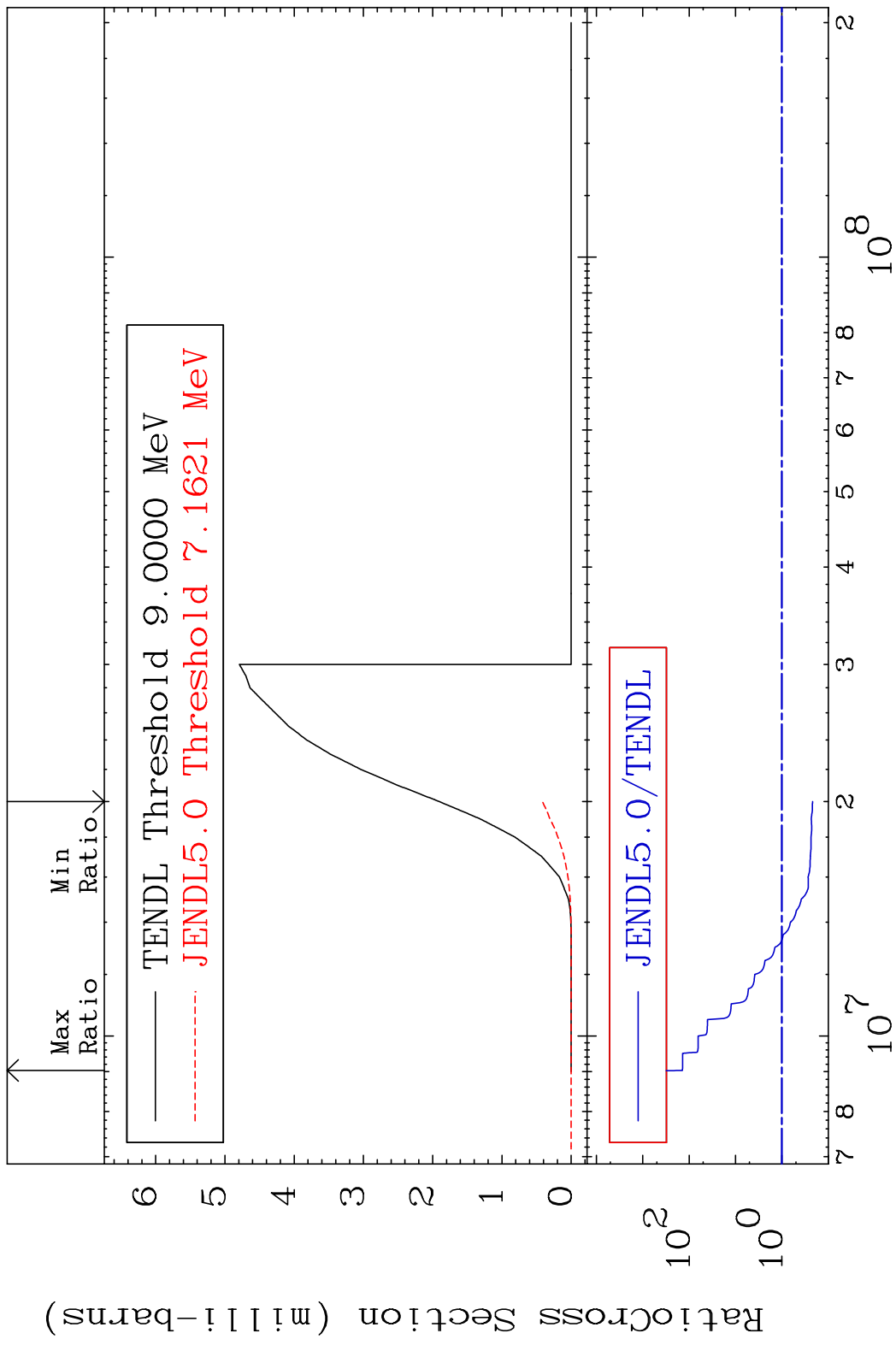
MAT 6037 Dpa disappearance (mt102 -120) 60-Nd-146
Cross Section -99.97 To 9999. %



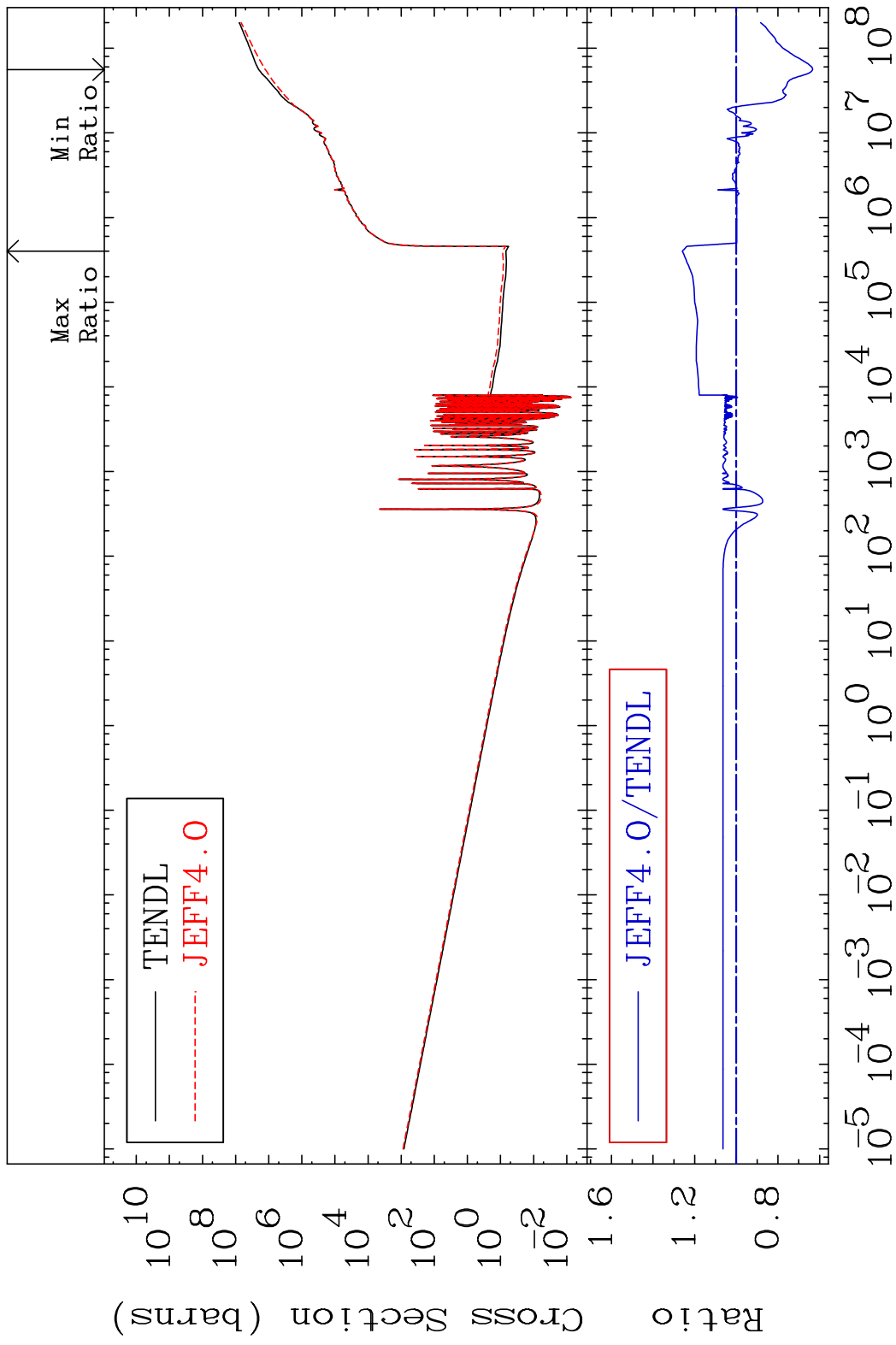






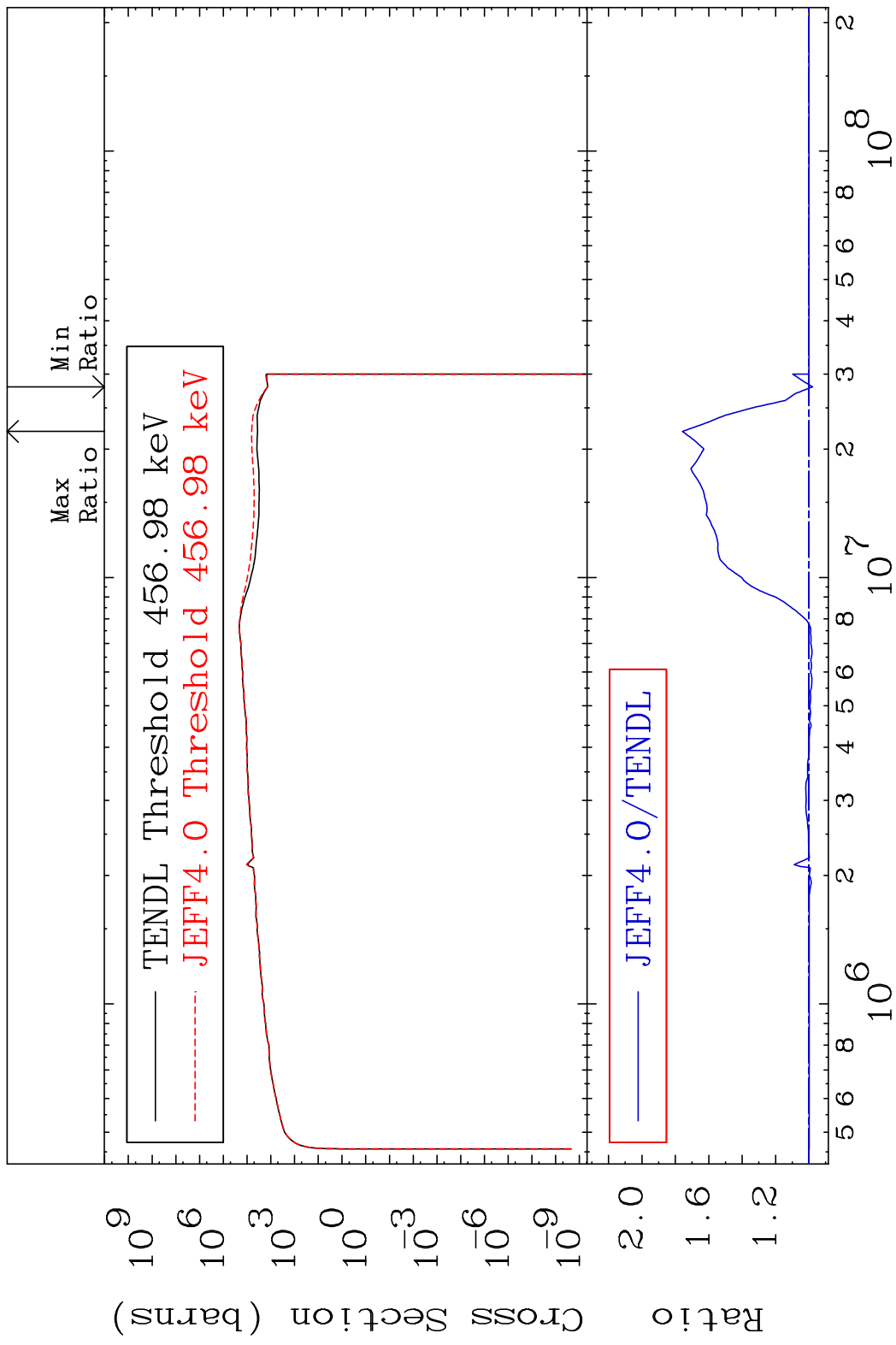


MAT 6037 Kerma non-elastic (all but mt2) 60-Nd-146
 Cross Section -36.62 To 25.92 %

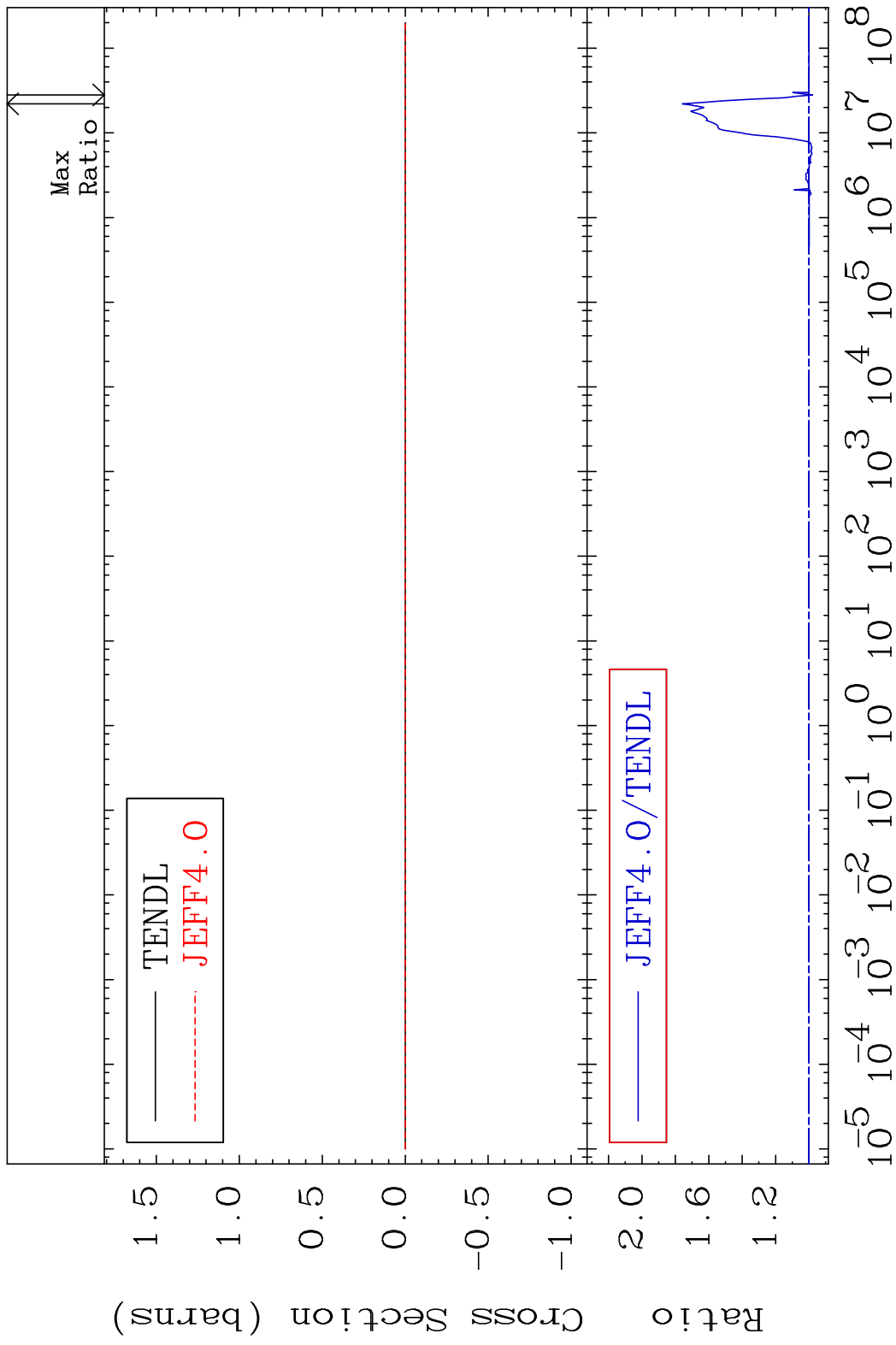


70 Incident Energy (eV) 60-Nd-146

MAT 6037 Kerma inelastic (mt51-91) 60-Nd-146
 Cross Section -2.155 To 75.80 %



MAT 6037 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-146
 Cross Section -2.155 To 75.80 %

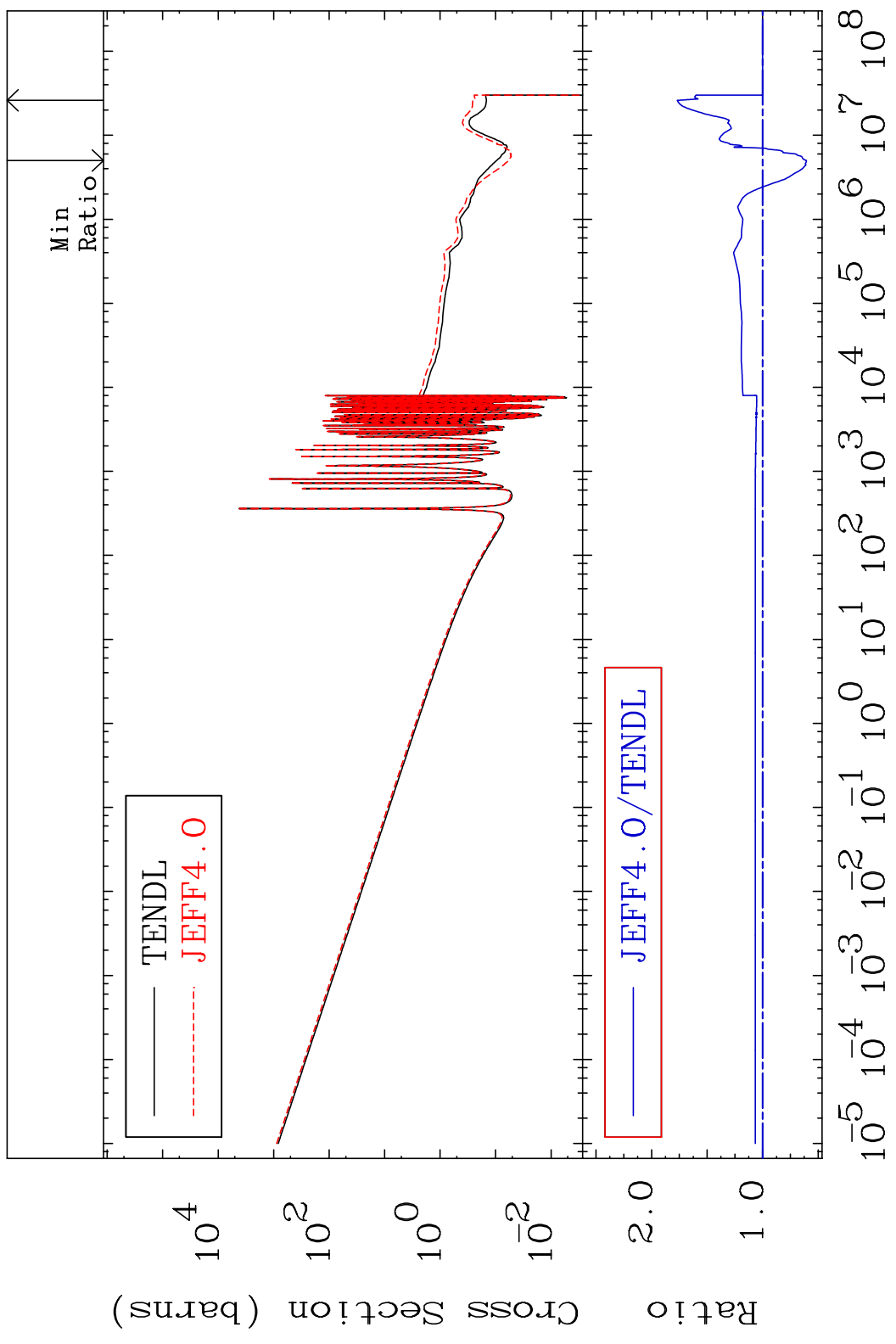


MAT 6037

Kerma capture (mt102)

60-Nd-146

Cross Section -39.40 To 76.91 %



73

Incident Energy (eV)

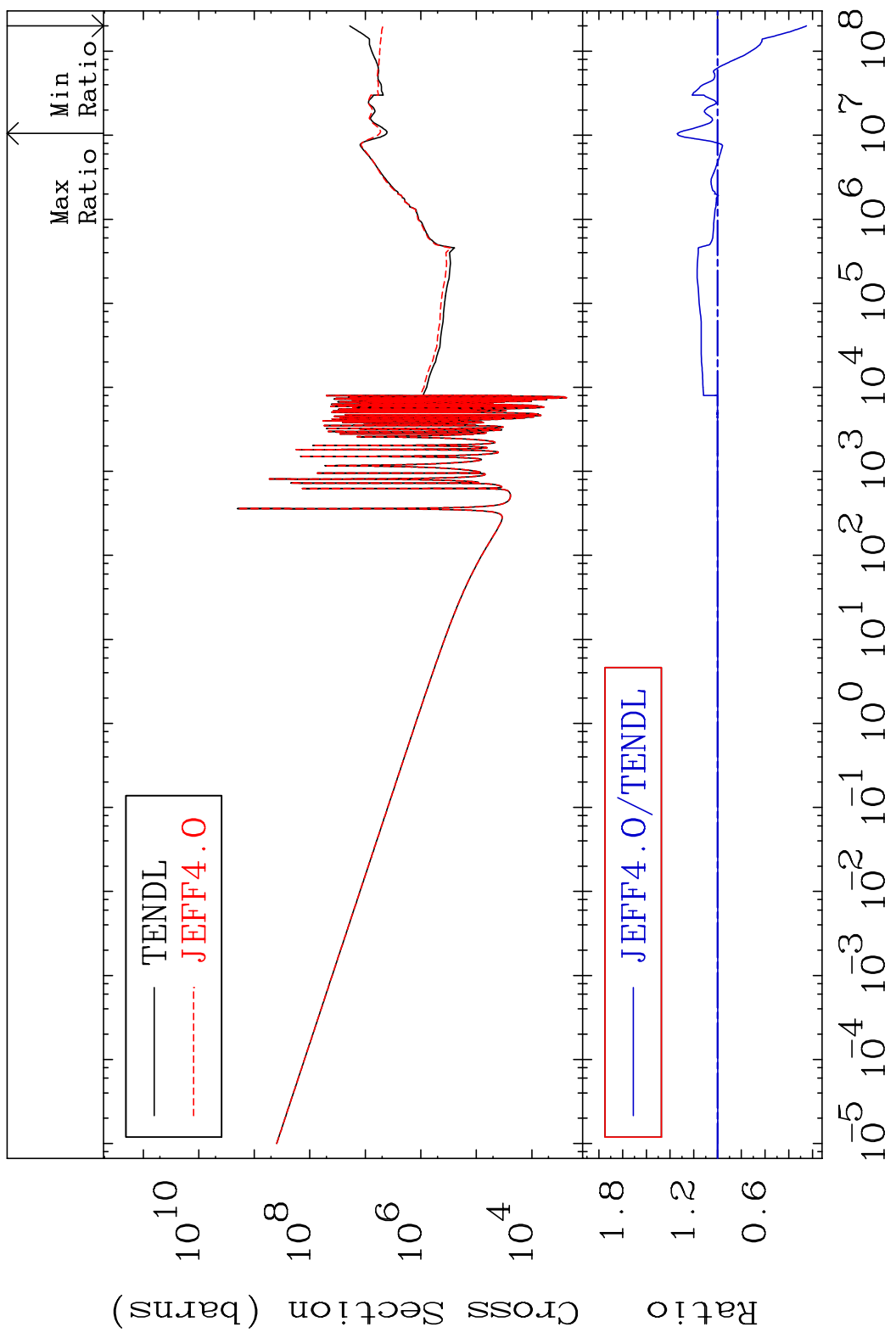
60-Nd-146

MAT 6037

Total photon (eV-barns)

60-Nd-146

Cross Section -74.84 To 34.02 %

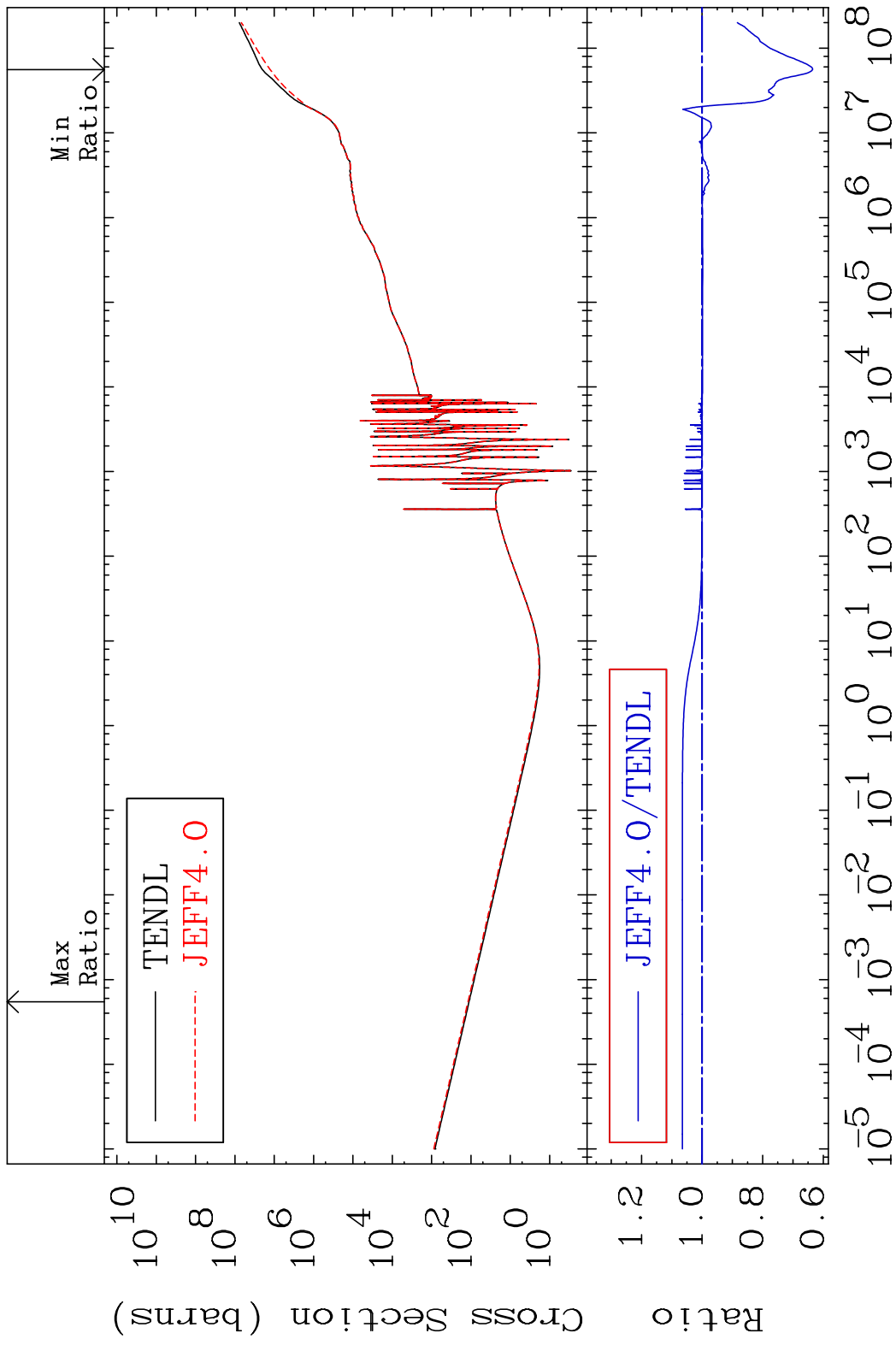


74

Incident Energy (eV)

60-Nd-146

MAT 6037 Total kinematic kerma (high limit) 60-Nd-146
 Cross Section -36.47 To 6.516 %

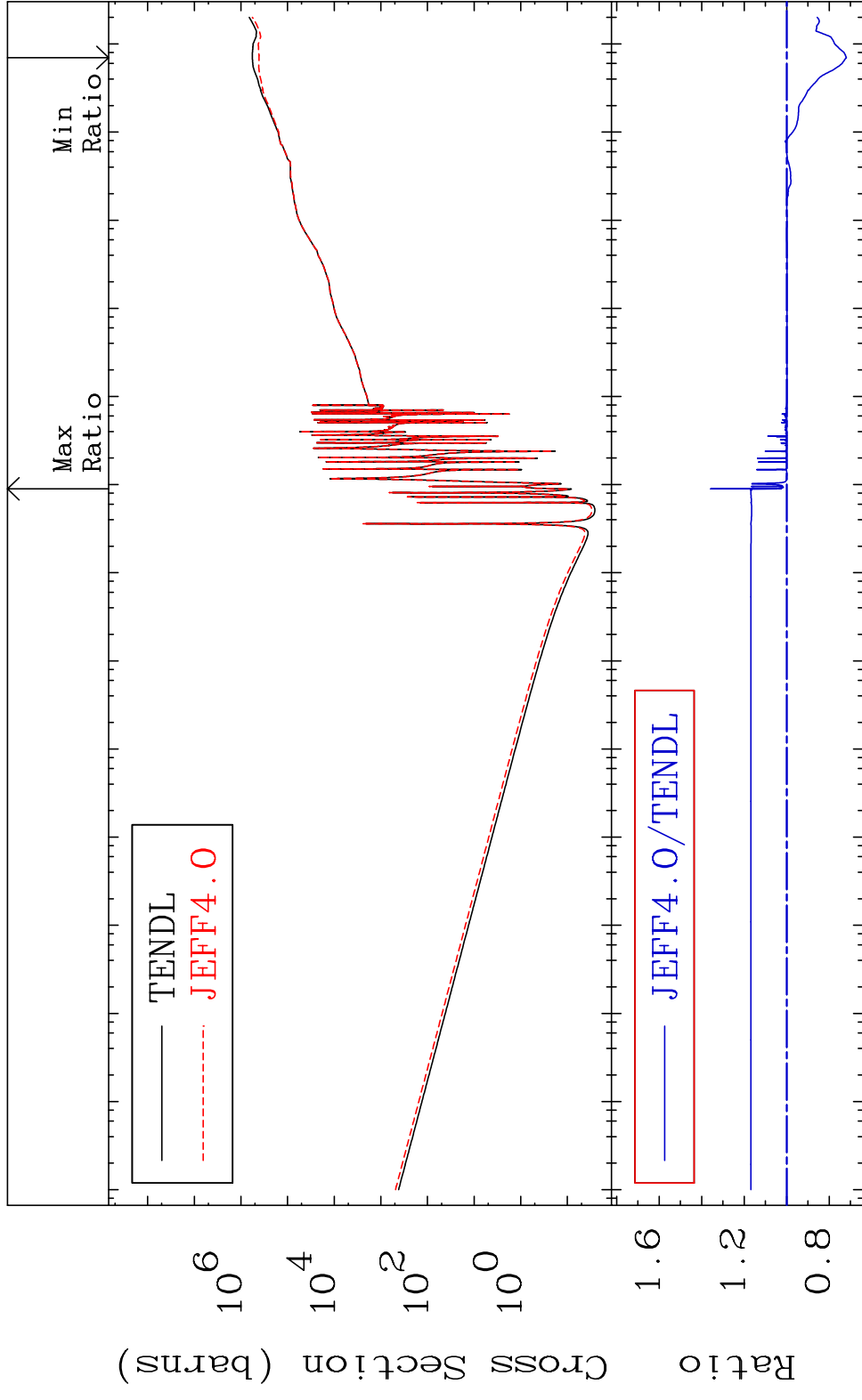


MAT 6037

Dpa total (eV-barns)

60-Nd-146

Cross Section -28.04 To 35.73 %



76

Incident Energy (eV)

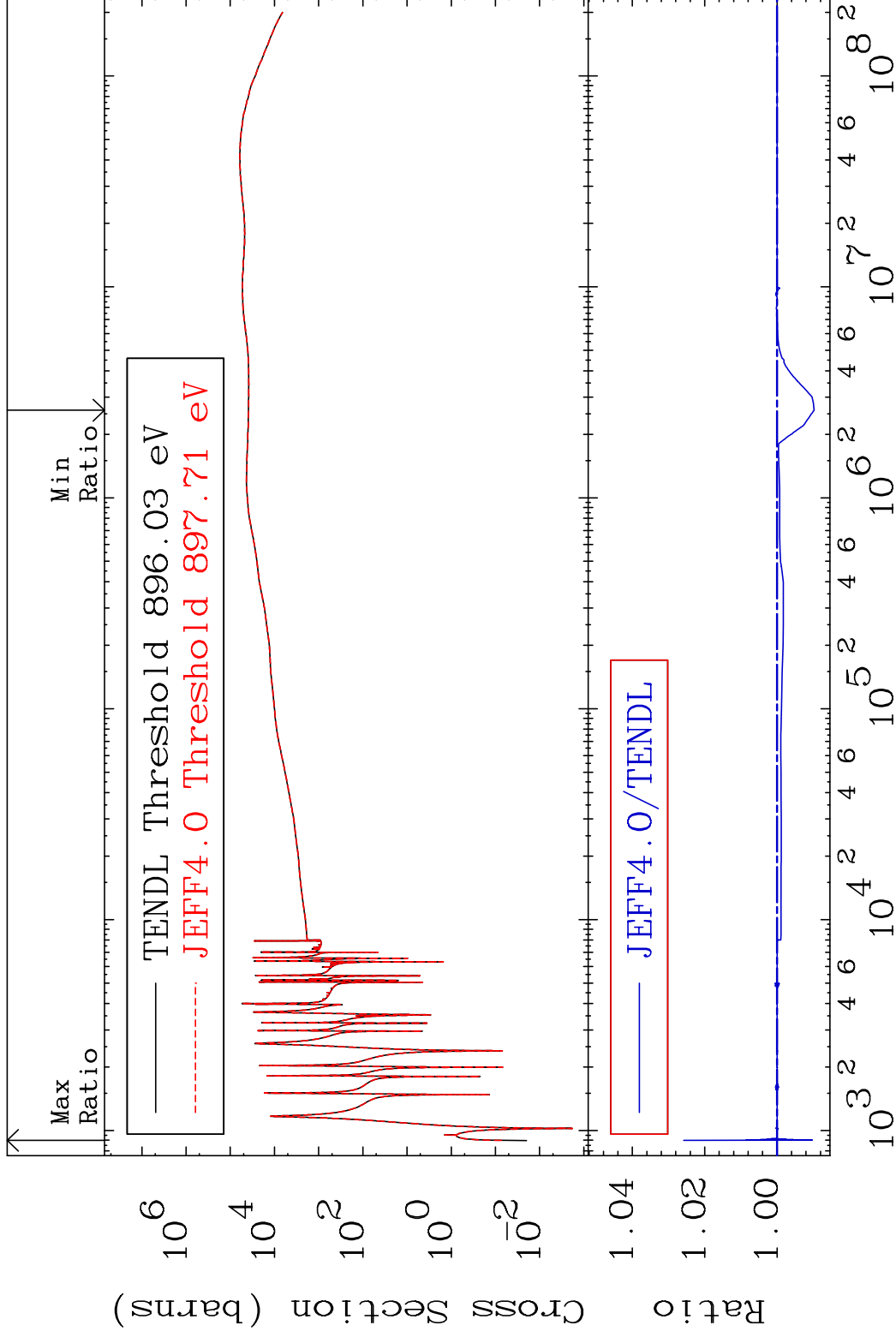
60-Nd-146

MAT 6037

Dpa elastic (mt2)

60-Nd-146

Cross Section -1.024 To 2.582 %

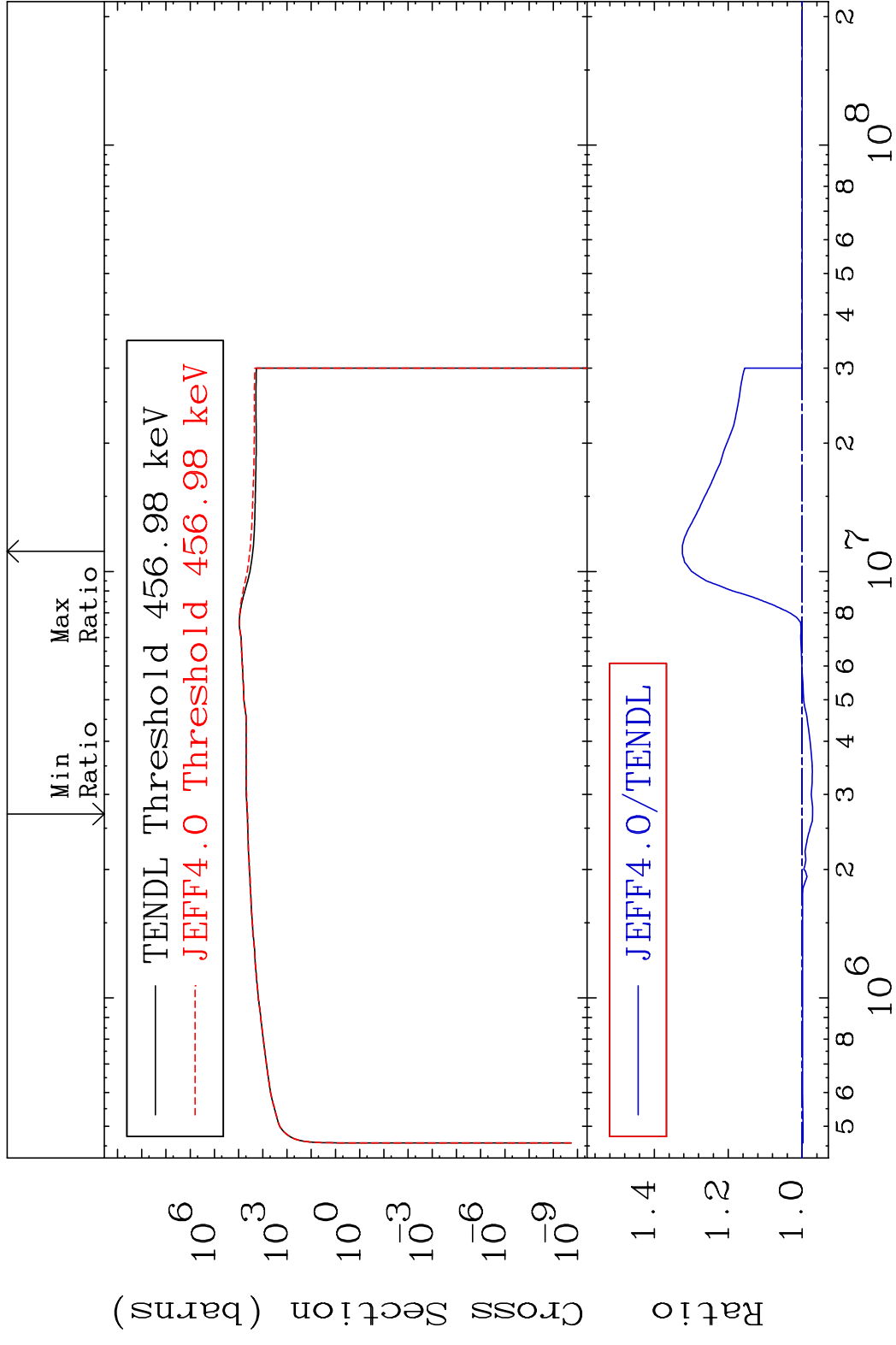


77

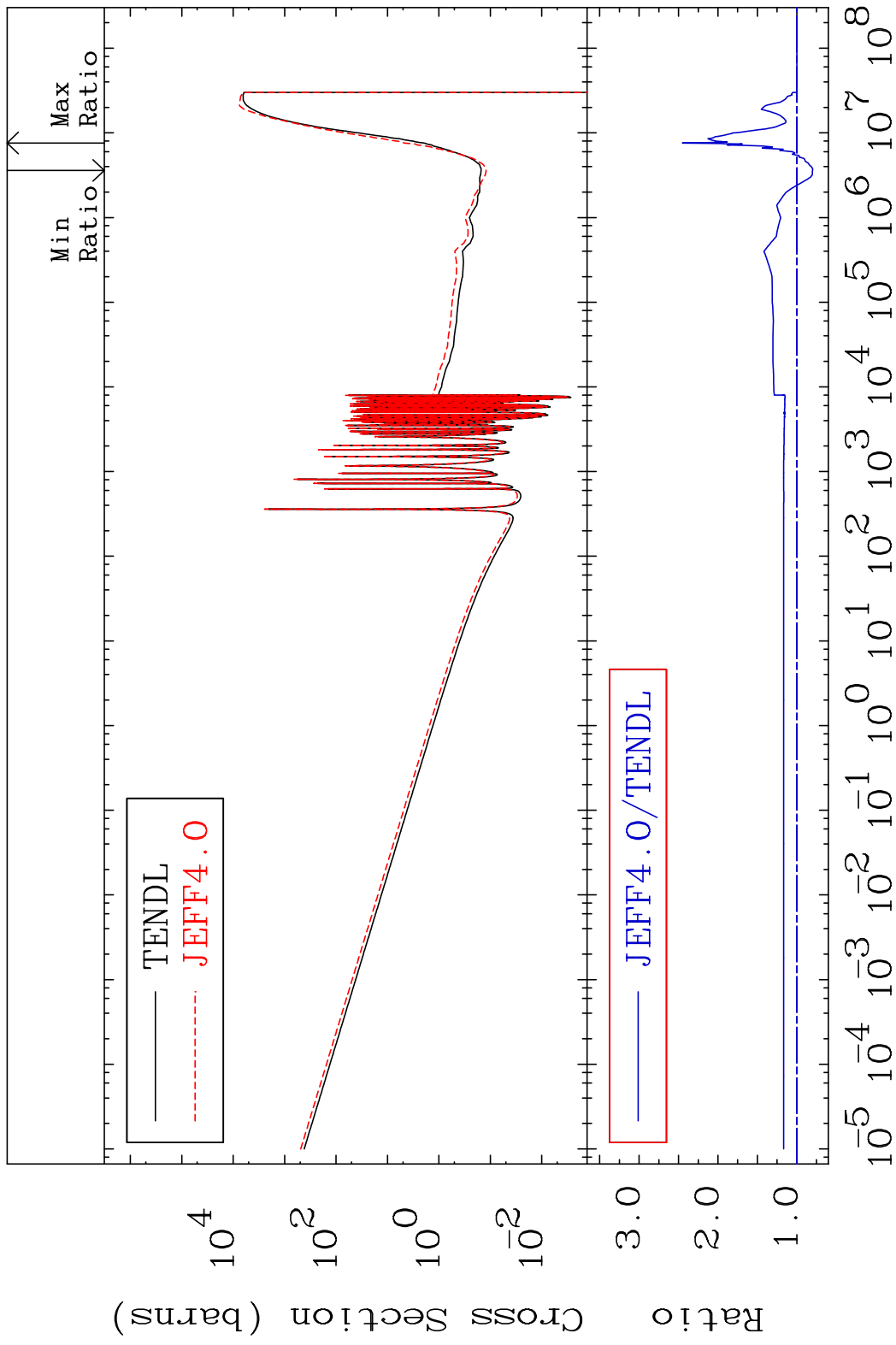
Incident Energy (eV)

60-Nd-146

MAT 6037 Dpa inelastic (mt51-91) 60-Nd-146
 Cross Section -2.818 To 32.41 %



MAT 6037 Dpa disappearance (mt102 -120) 60-Nd-146
 Cross Section -19.96 To 145.2 %



79 Incident Energy (eV) 60-Nd-146

MAT 6037 (n, n') d:59-Pr-144g 60-Nd-146
 Radionuclide Production Cross Section 116.9 %

