

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

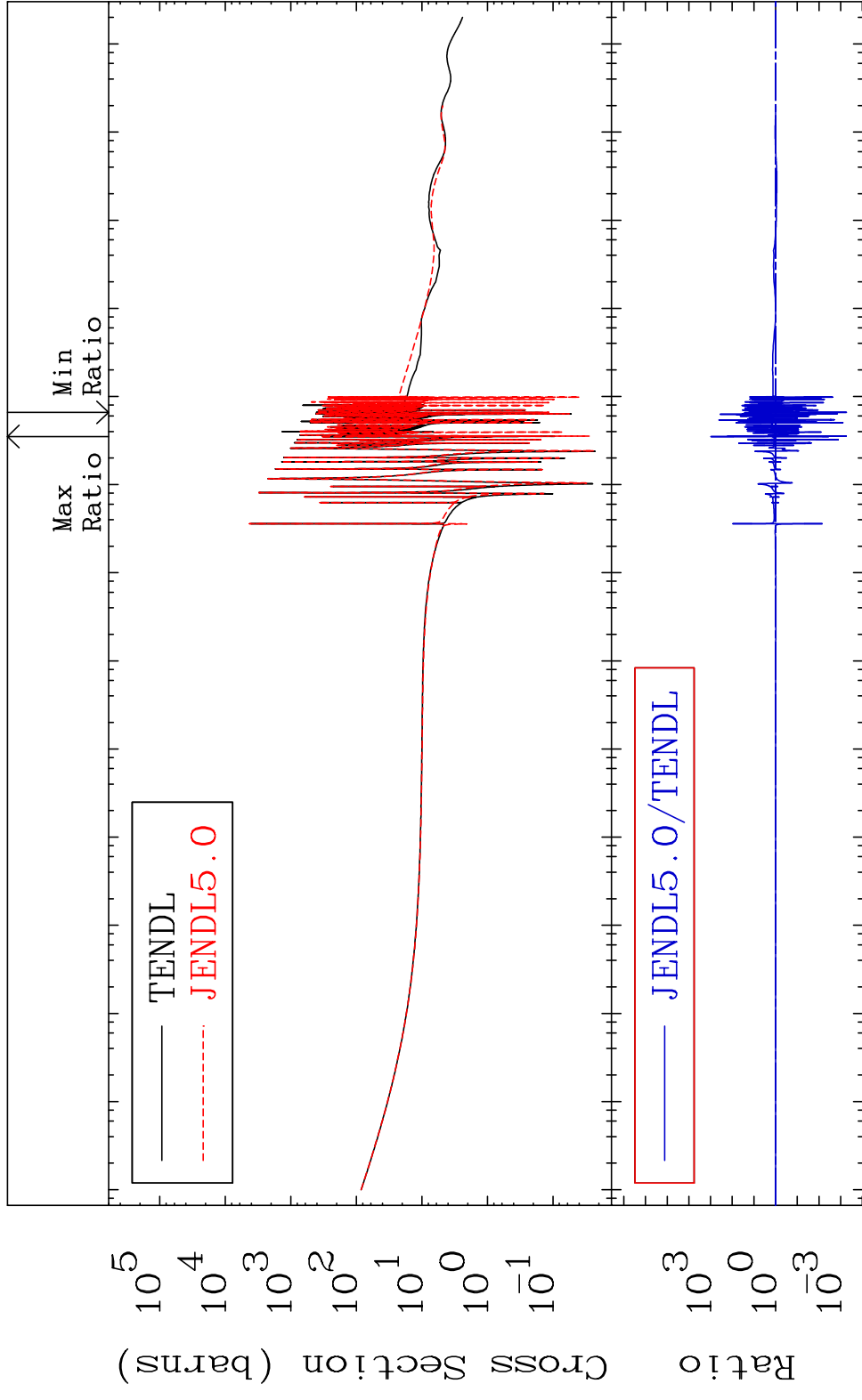
MAT 6037

Total

60-Nd-146

Cross Section

-99.95 To 9999. %



1

Incident Energy (eV)

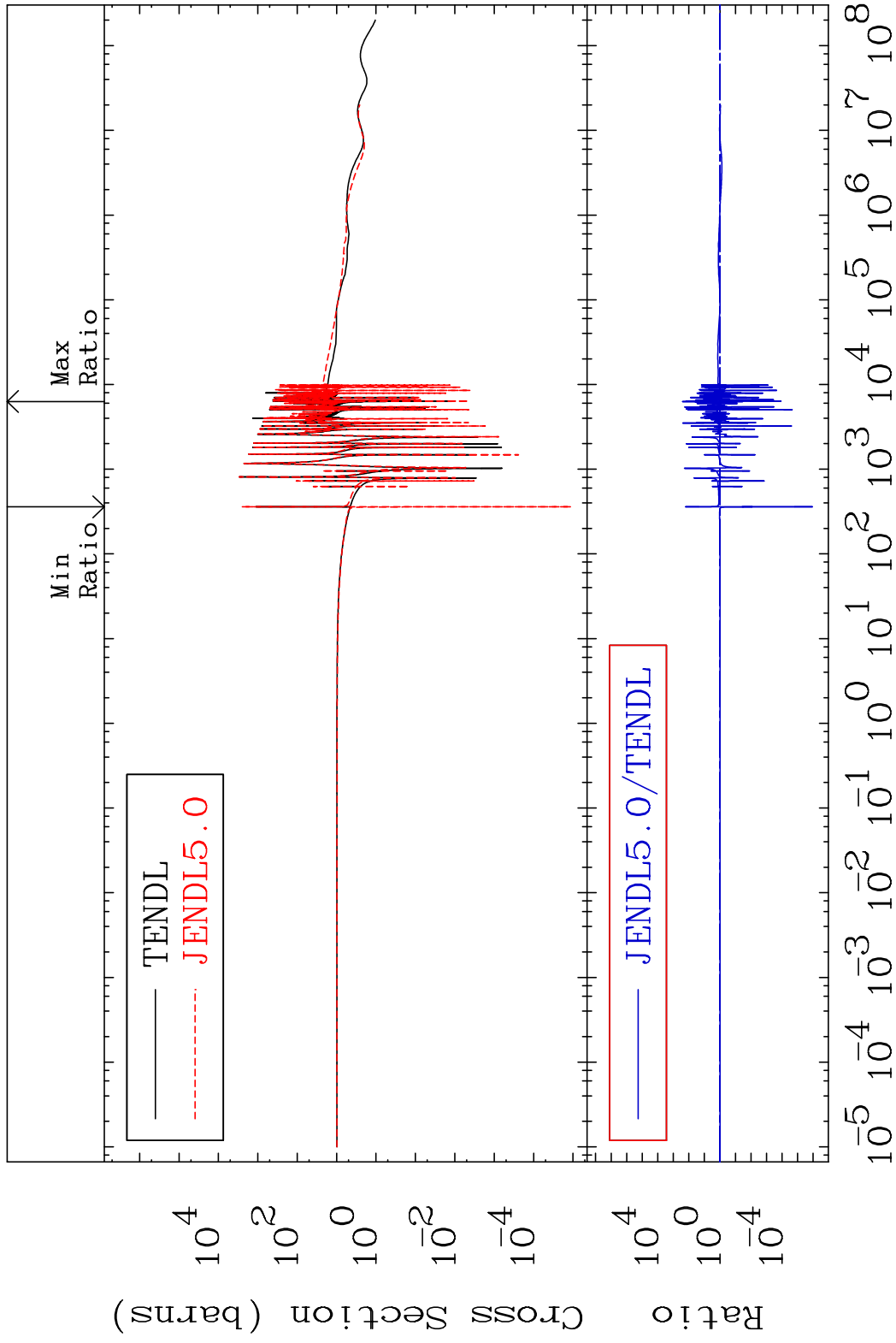
60-Nd-146

MAT 6037

Elastic

60-Nd-146

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

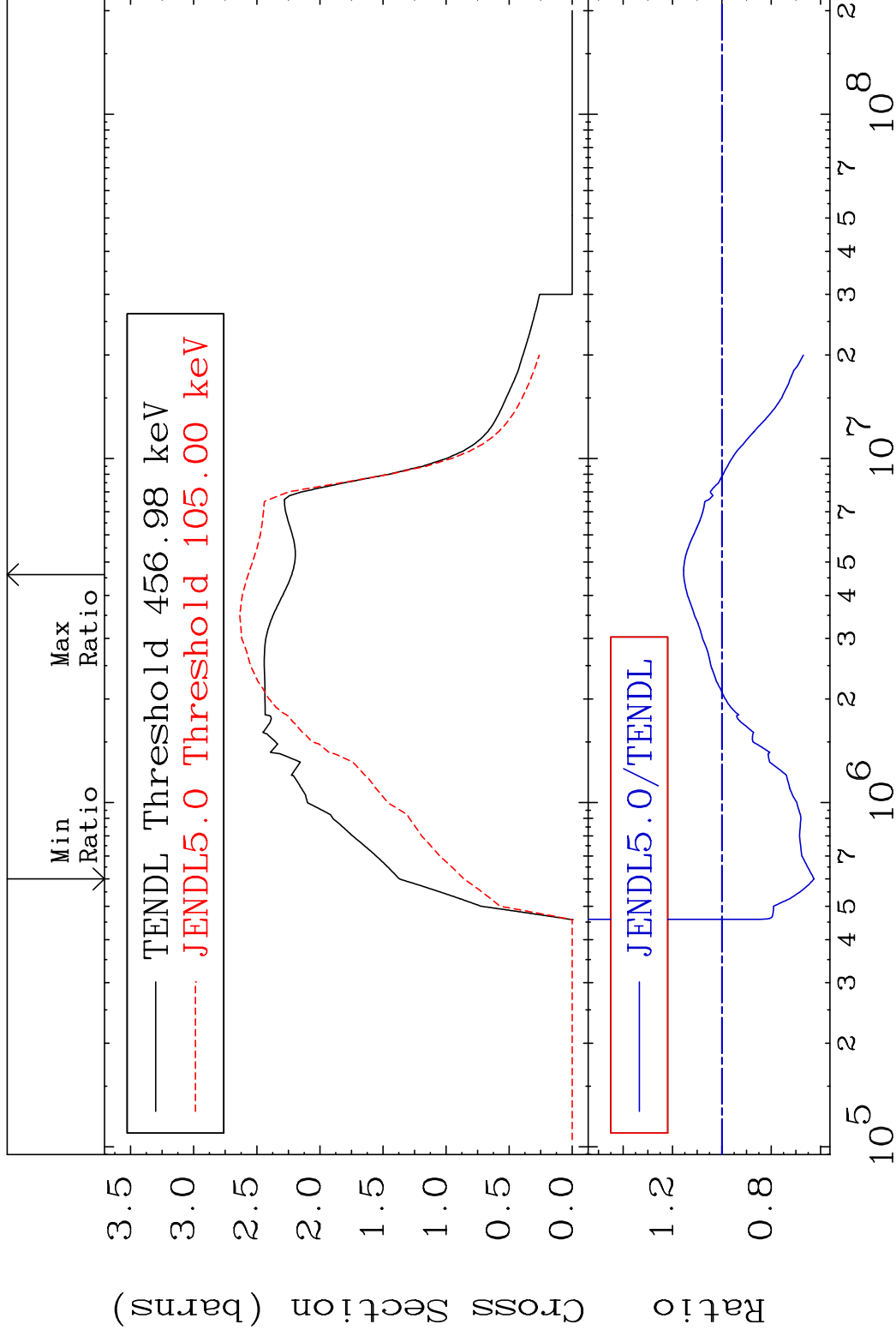
60-Nd-146

MAT 6037

Inelastic

60-Nd-146

Cross Section -37.34 To 15.52 %



3

Incident Energy (eV)

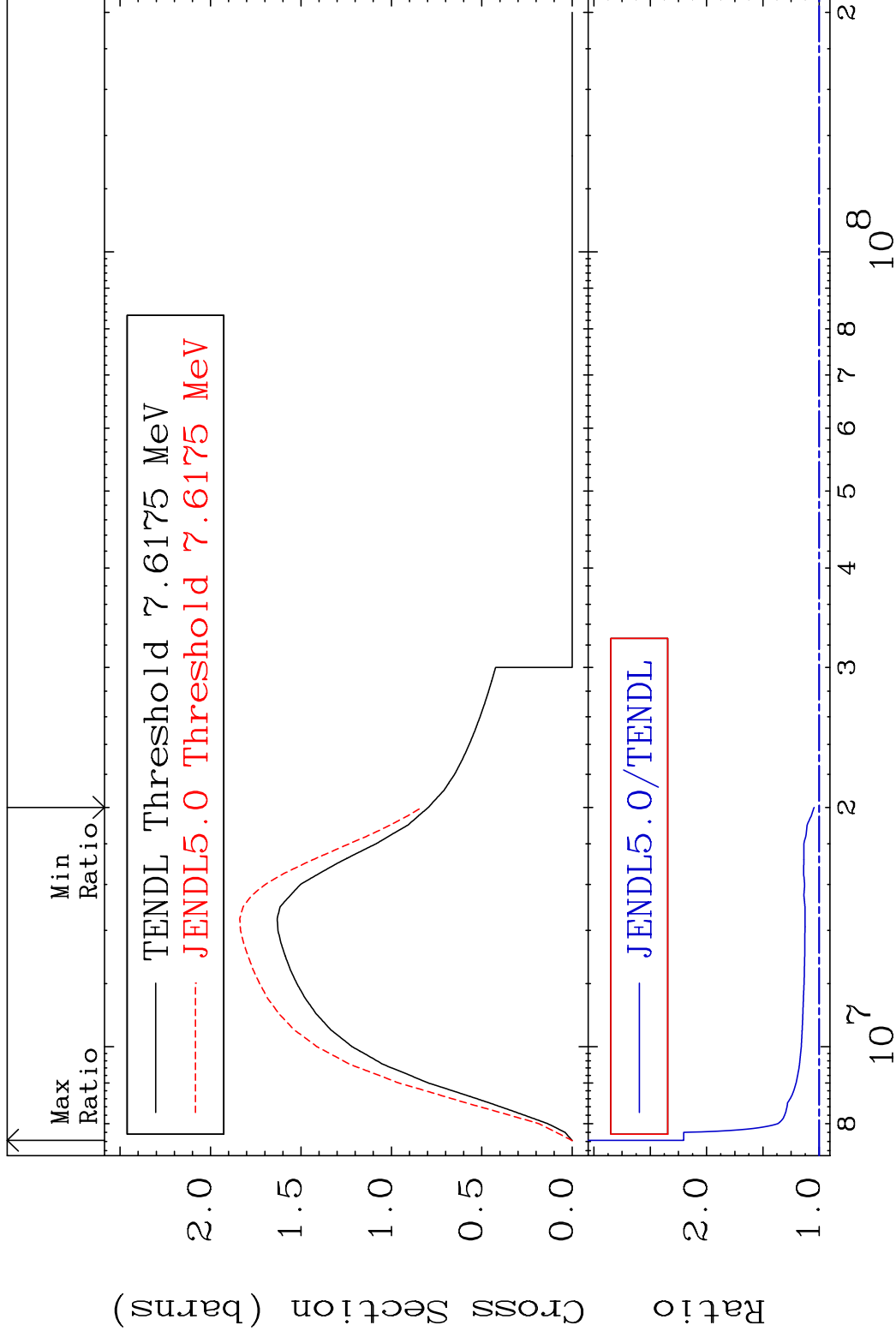
60-Nd-146

MAT 6037

(n,2n)

60-Nd-146

Cross Section 4.578 To 120.4 %



4

Incident Energy (eV)

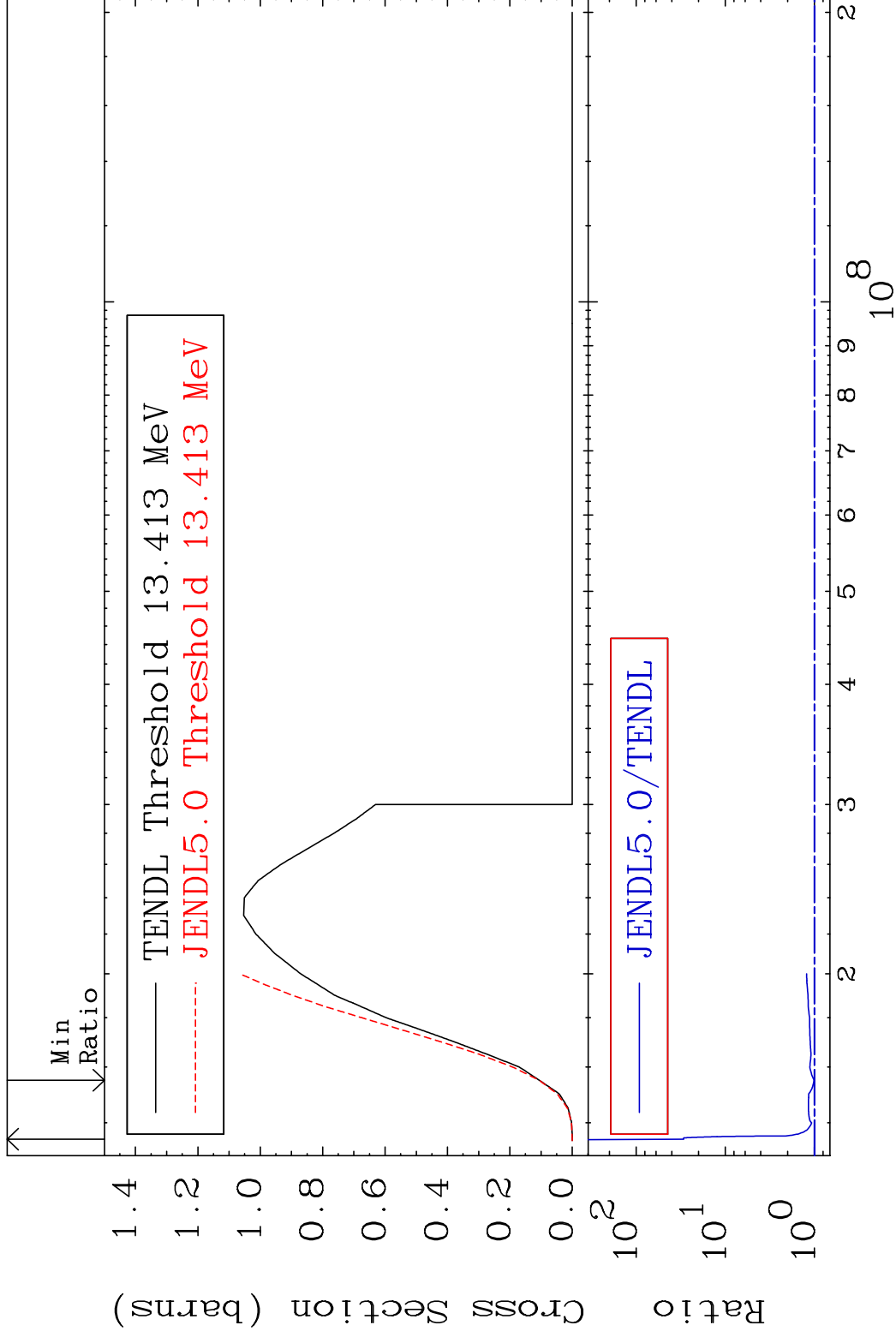
60-Nd-146

MAT 6037

(n,3n)

60-Nd-146

Cross Section 0.629 To 2836. %



5

Incident Energy (eV)

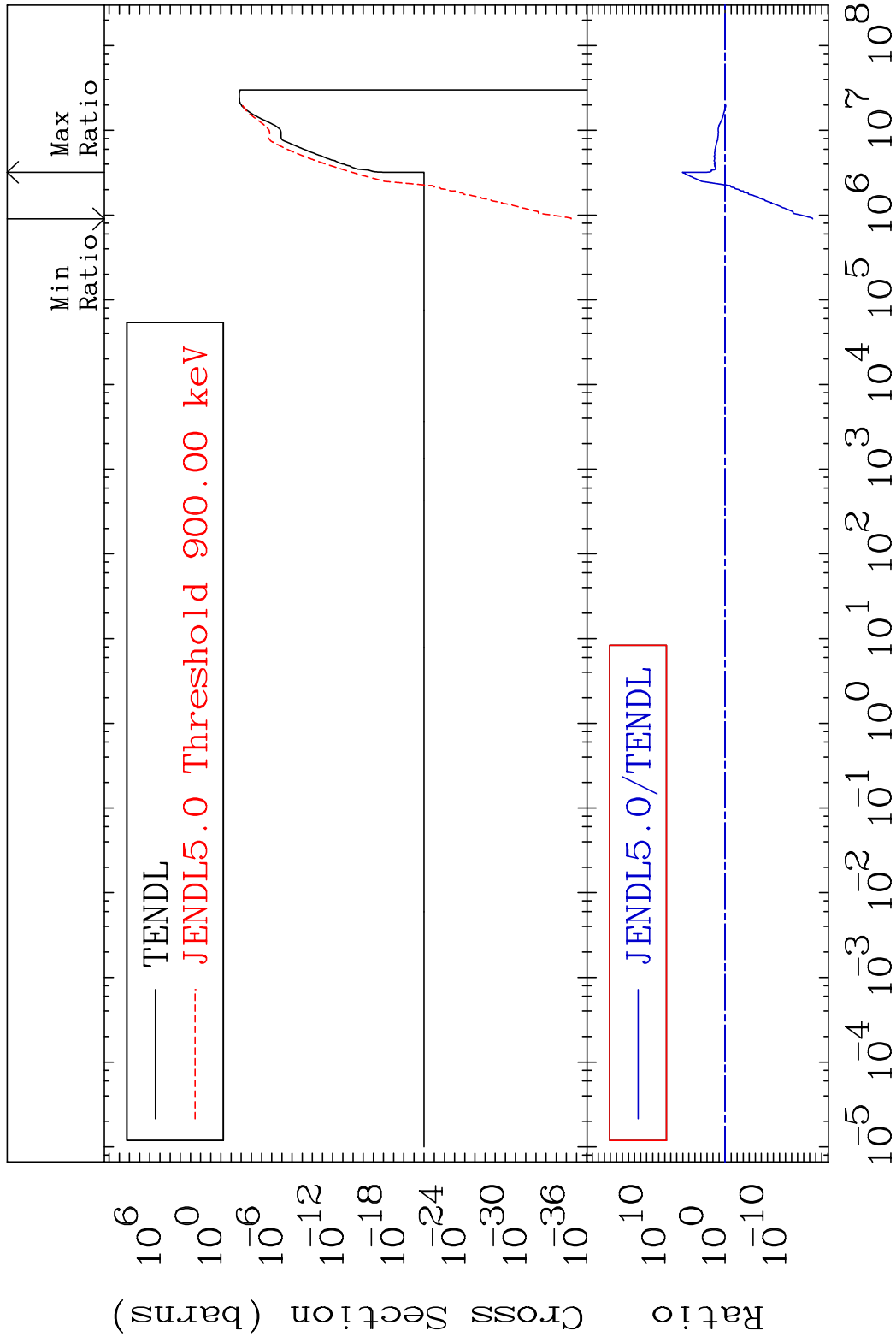
60-Nd-146

MAT 6037

(n, n') α

60-Nd-146

Cross Section -100.0 To 9999. %

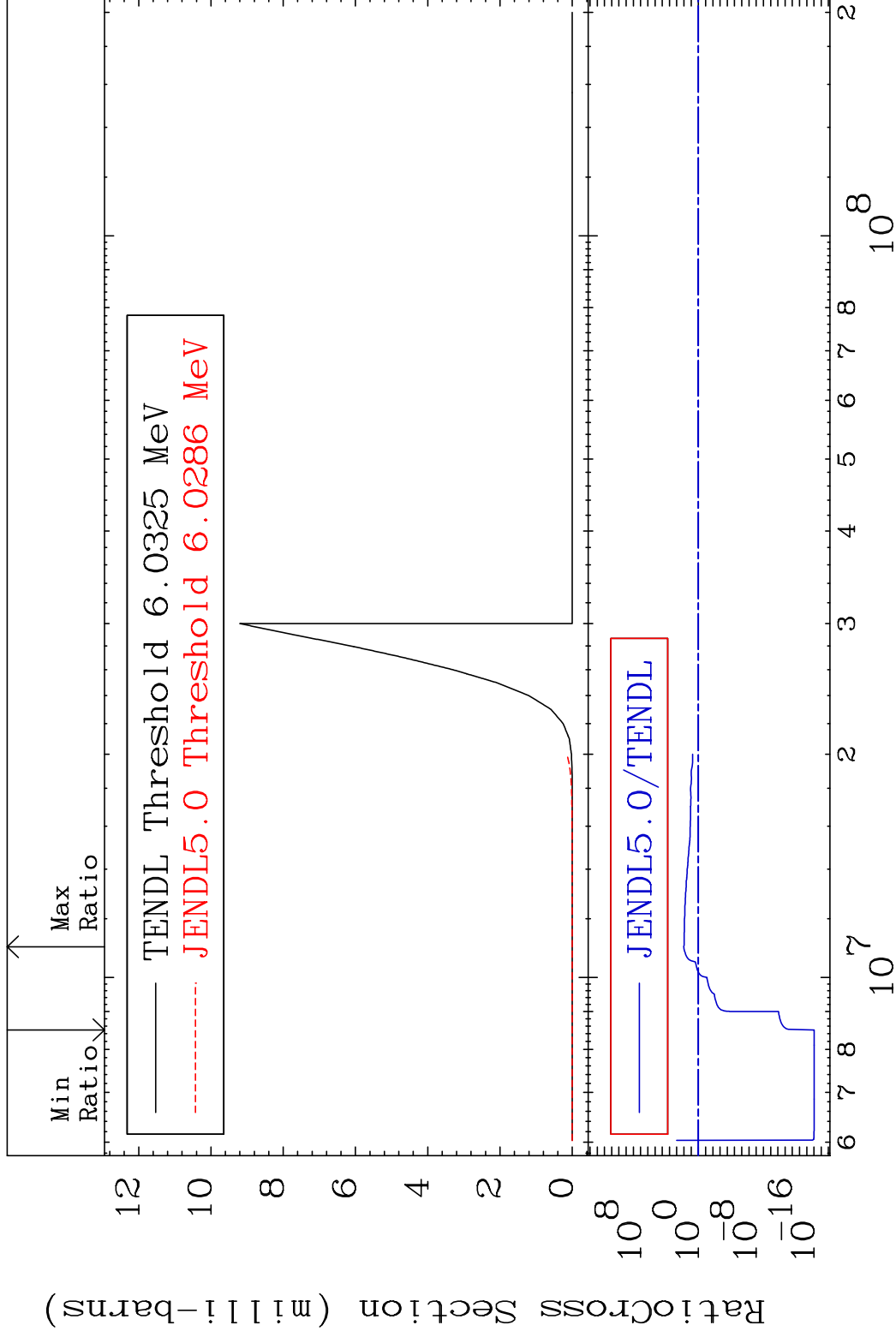


MAT 6037

(n,2n) α

60-Nd-146

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

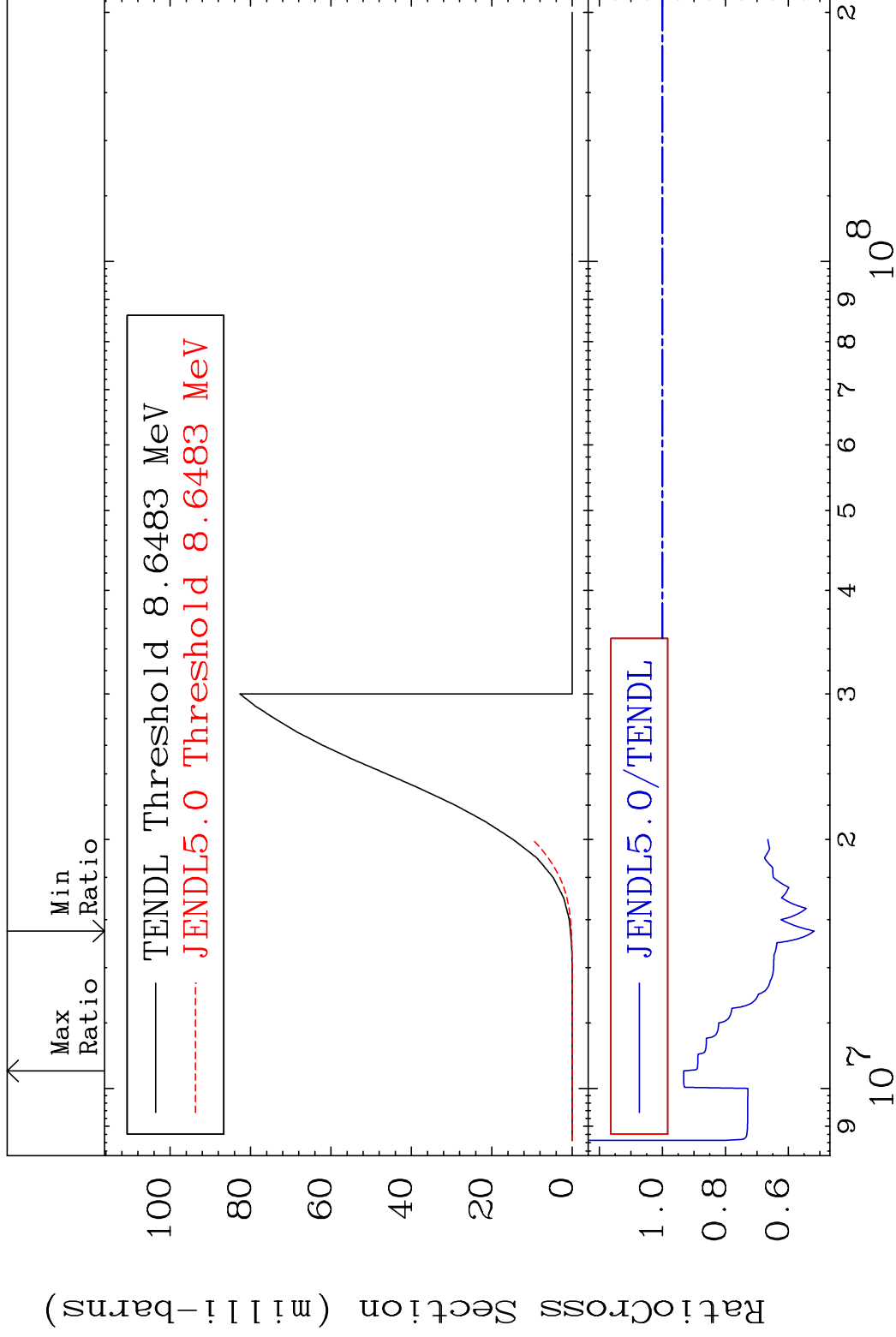
60-Nd-146

MAT 6037

(n, n') p

60-Nd-146

Cross Section -48.14 To -6.745%



8

Incident Energy (eV)

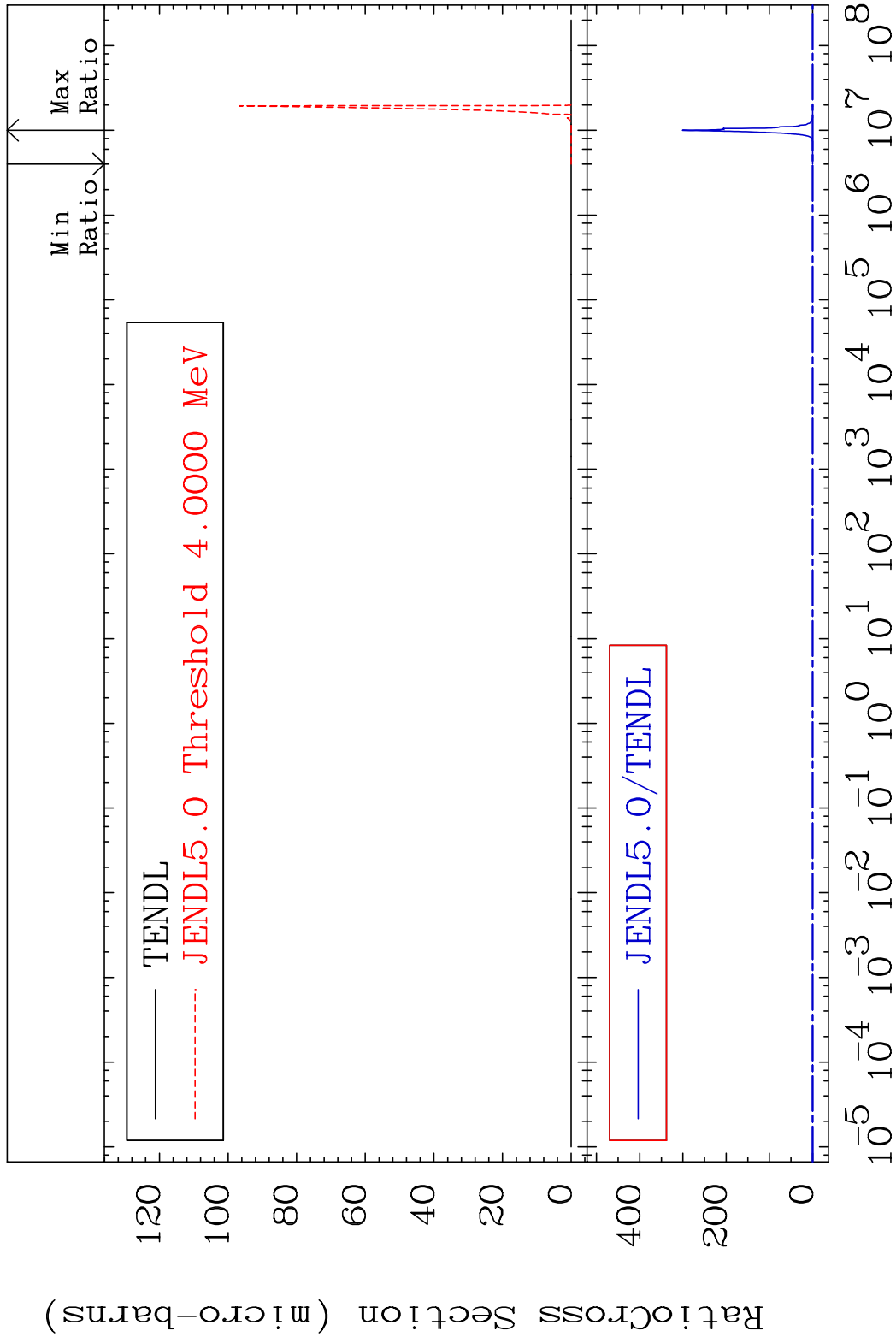
60-Nd-146

MAT 6037

(n, n') 2α

60-Nd-146

Cross Section -100.0 To 9999. %

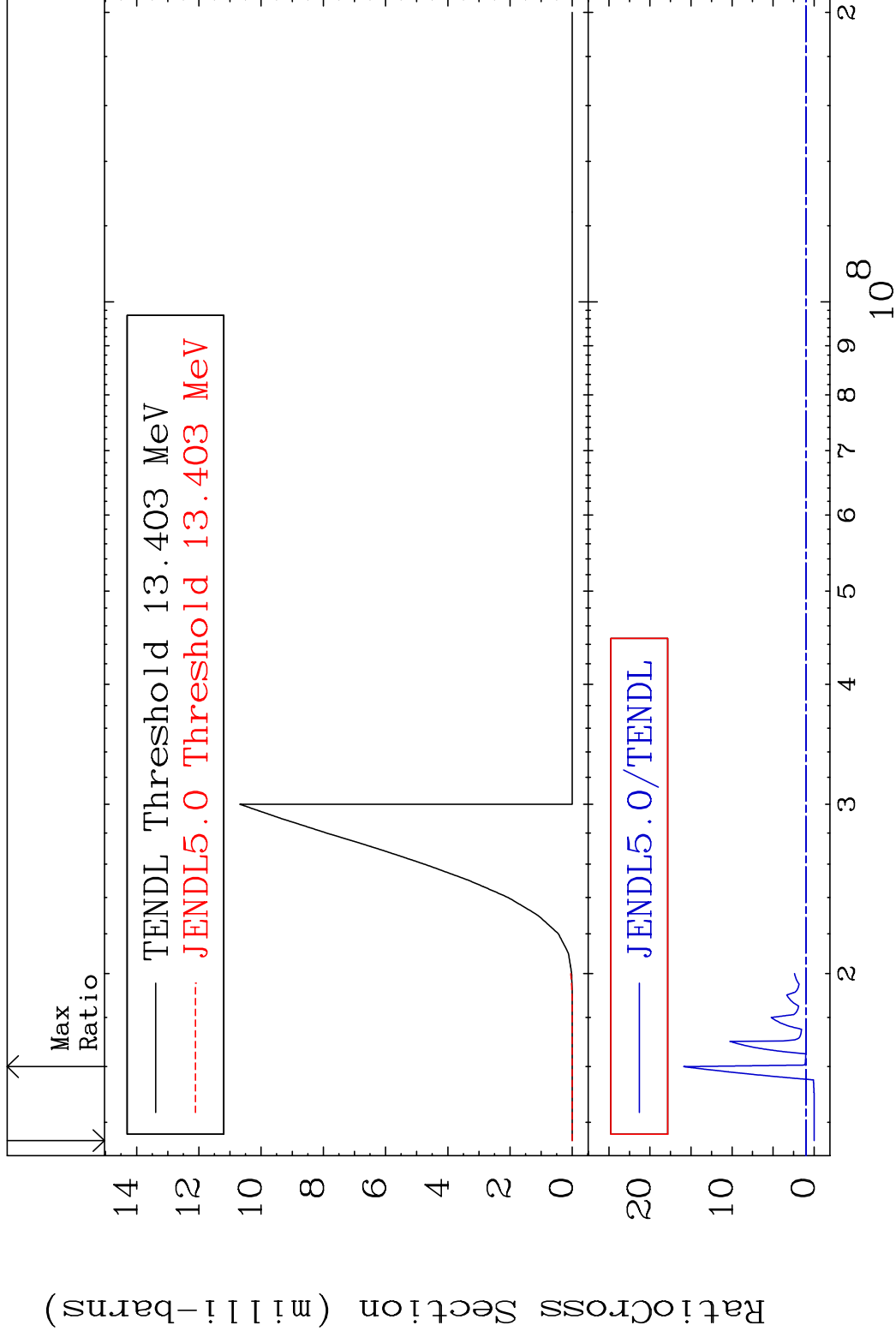


MAT 6037

(n, n') d

60-Nd-146

Cross Section -100.0 To 1490. %



10

Incident Energy (eV)

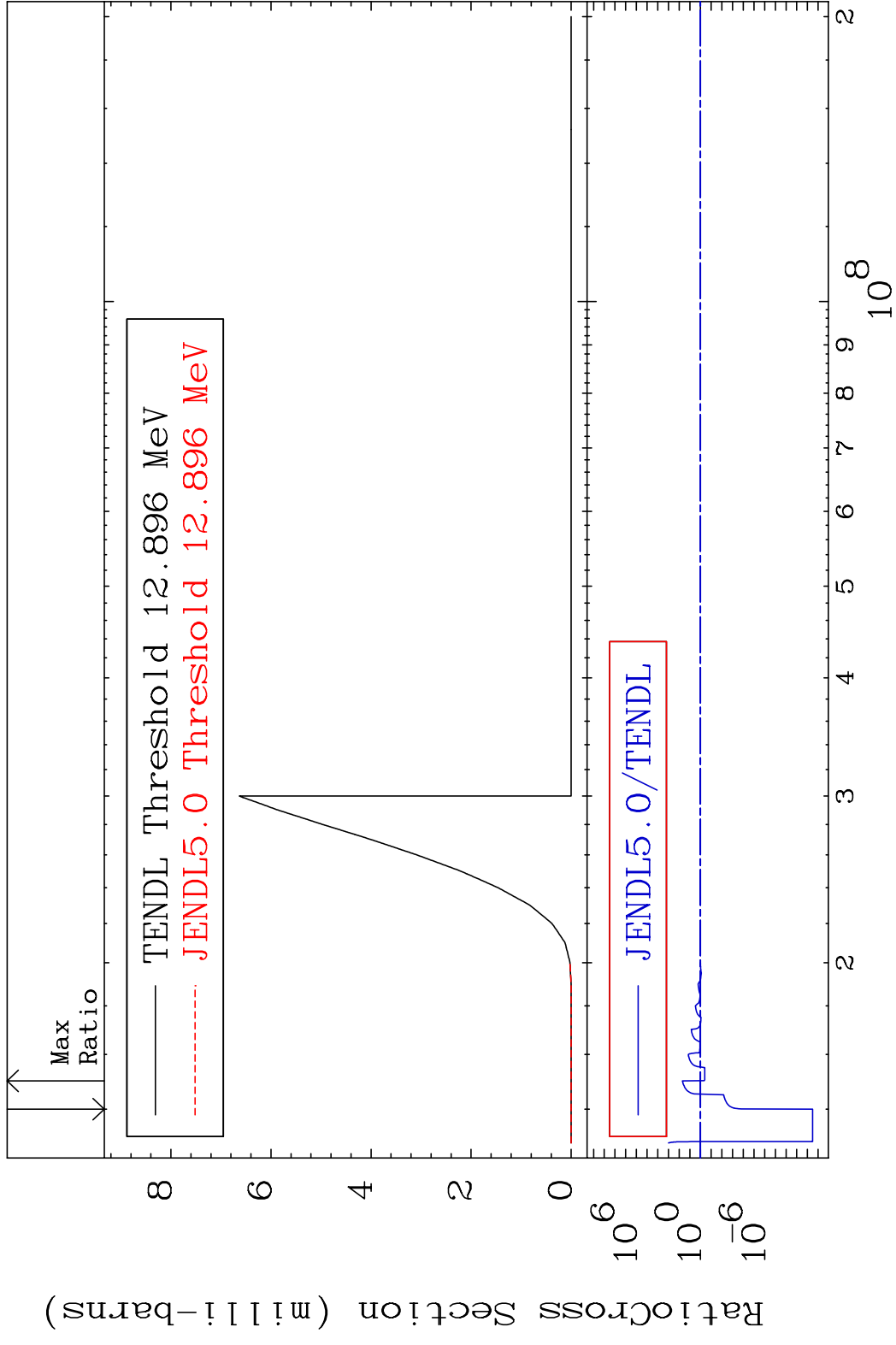
60-Nd-146

MAT 6037

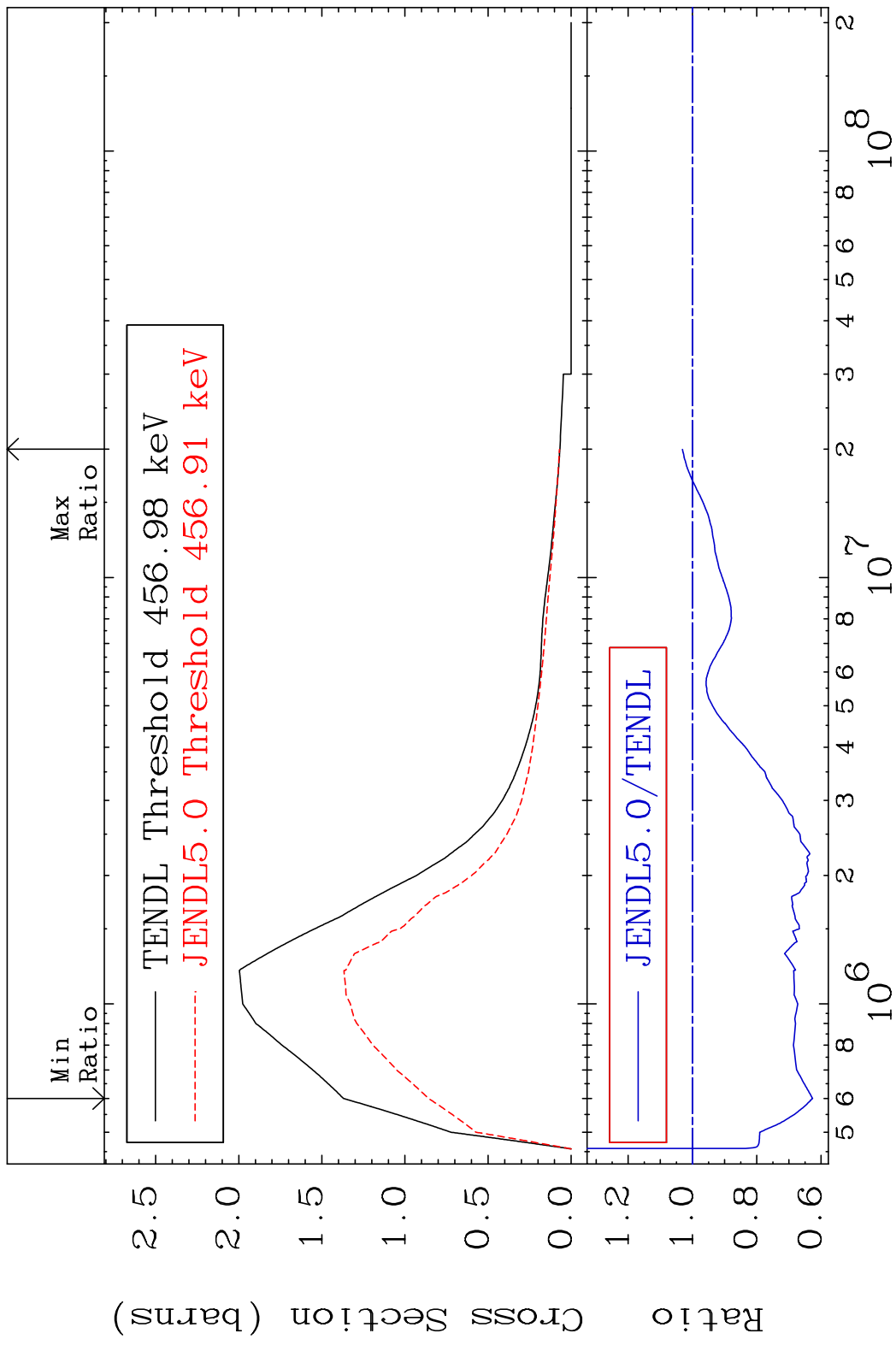
(n, n') t

60-Nd-146

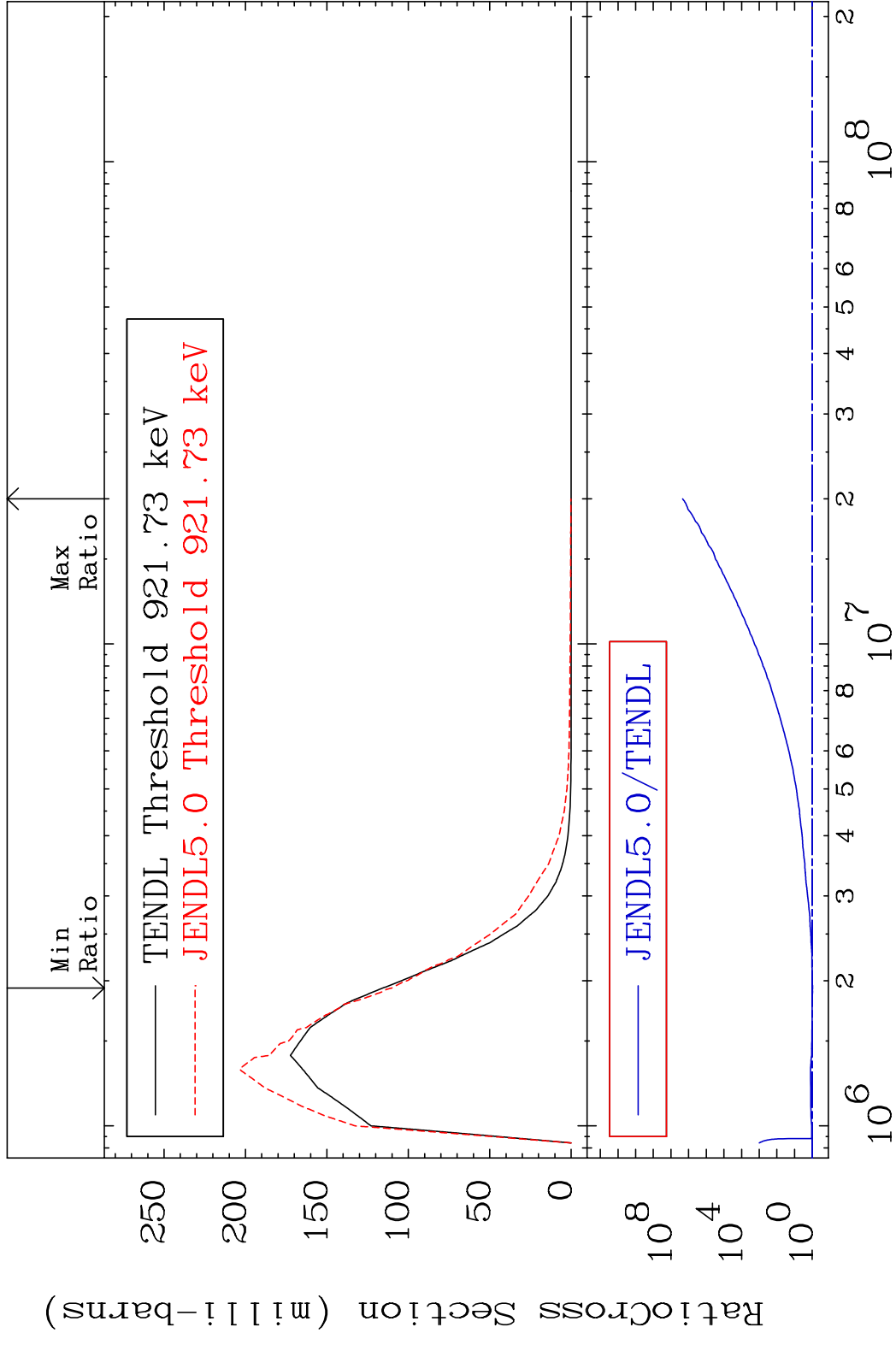
Cross Section -100.0 To 4877. %



MAT 6037 MT= 51 (n, n') Level 60-Nd-146
 Cross Section -37.36 To 3.156 %

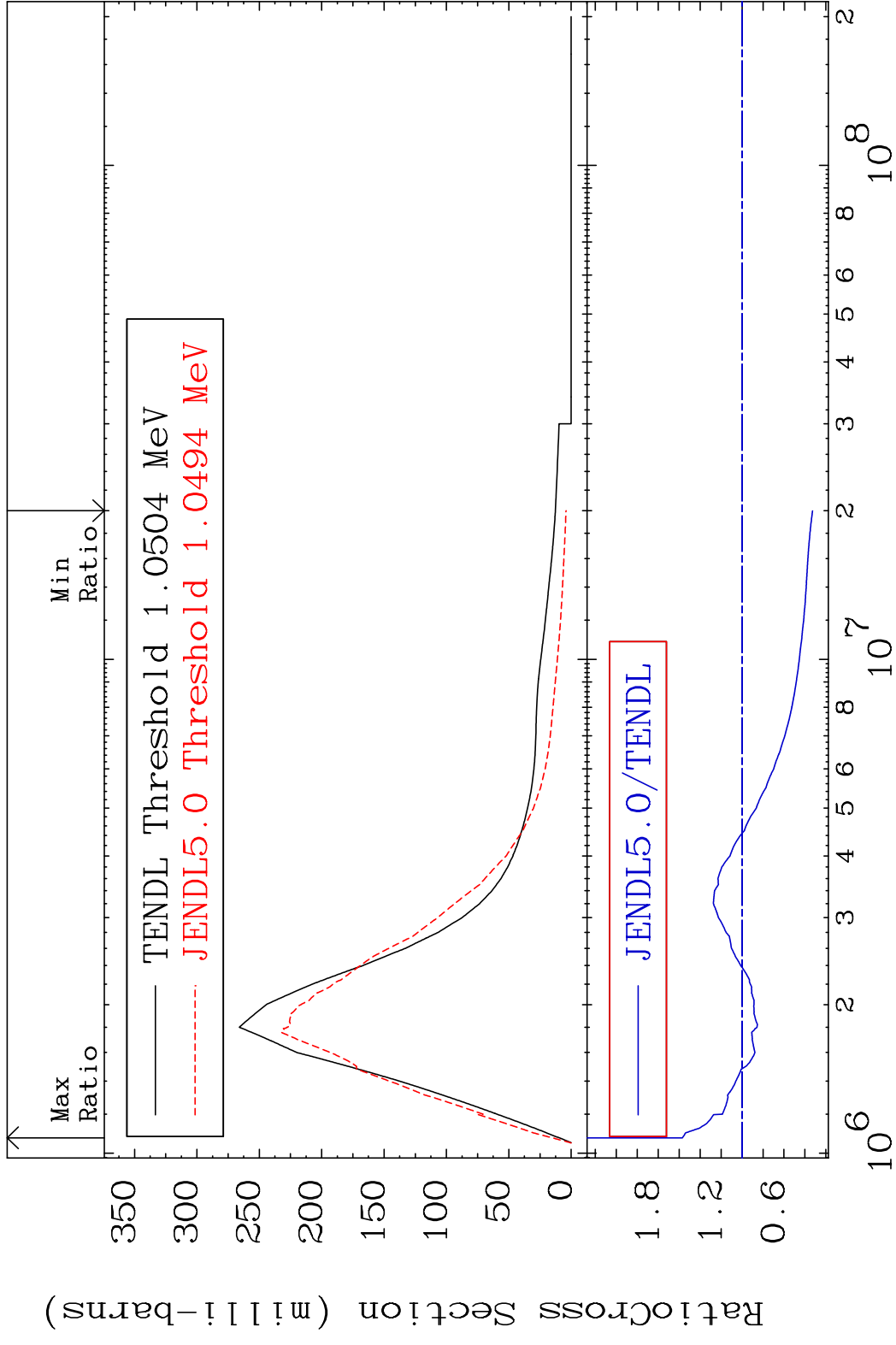


MAT 6037 MT= 52 (n, n') Level 60-Nd-146
 Cross Section -4.593 To 9999. %



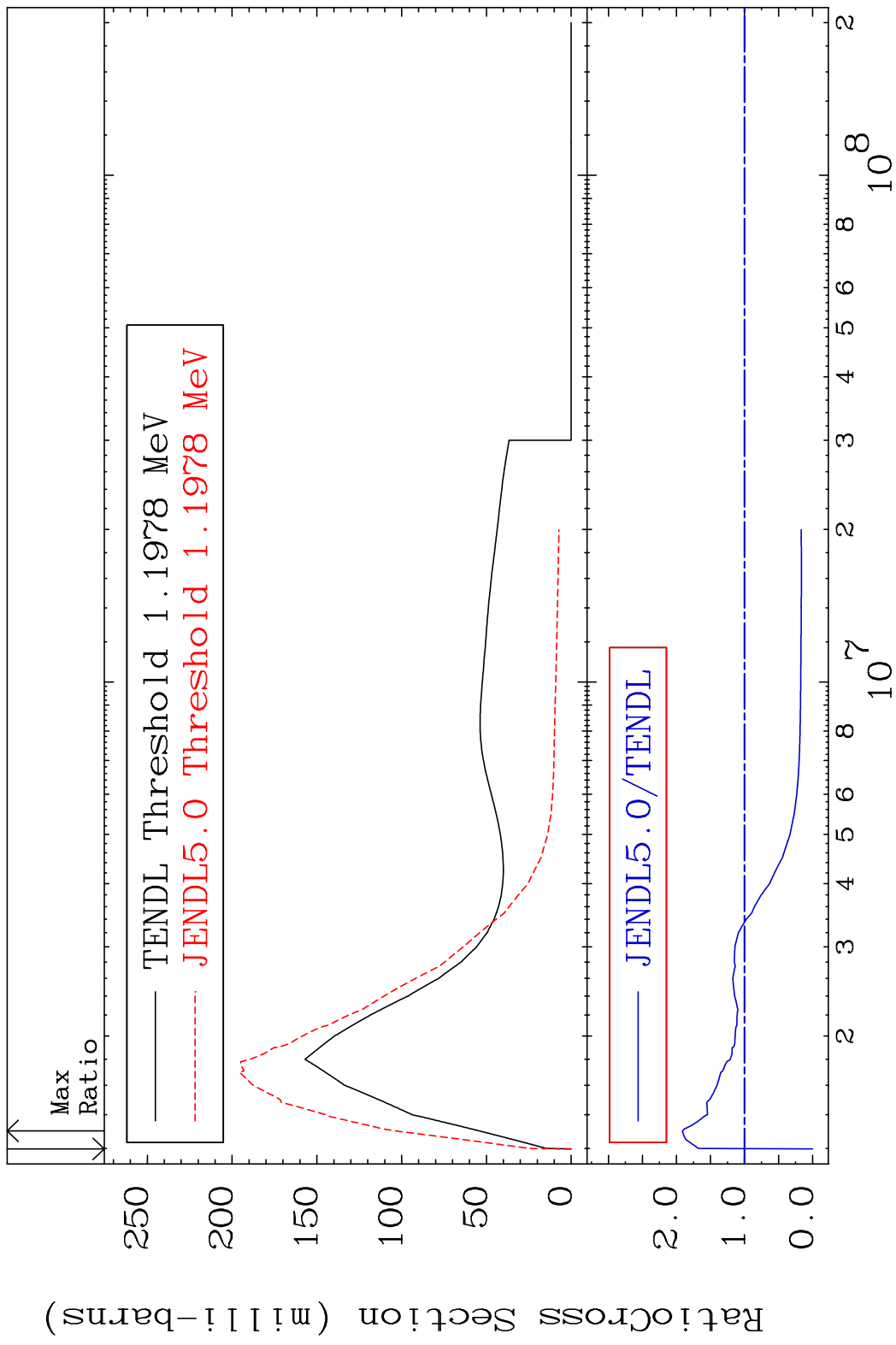
13 Incident Energy (eV) 60-Nd-146

MAT 6037 MT= 53 (n, n') Level 60-Nd-146
 Cross Section -67.27 To 56.94 %

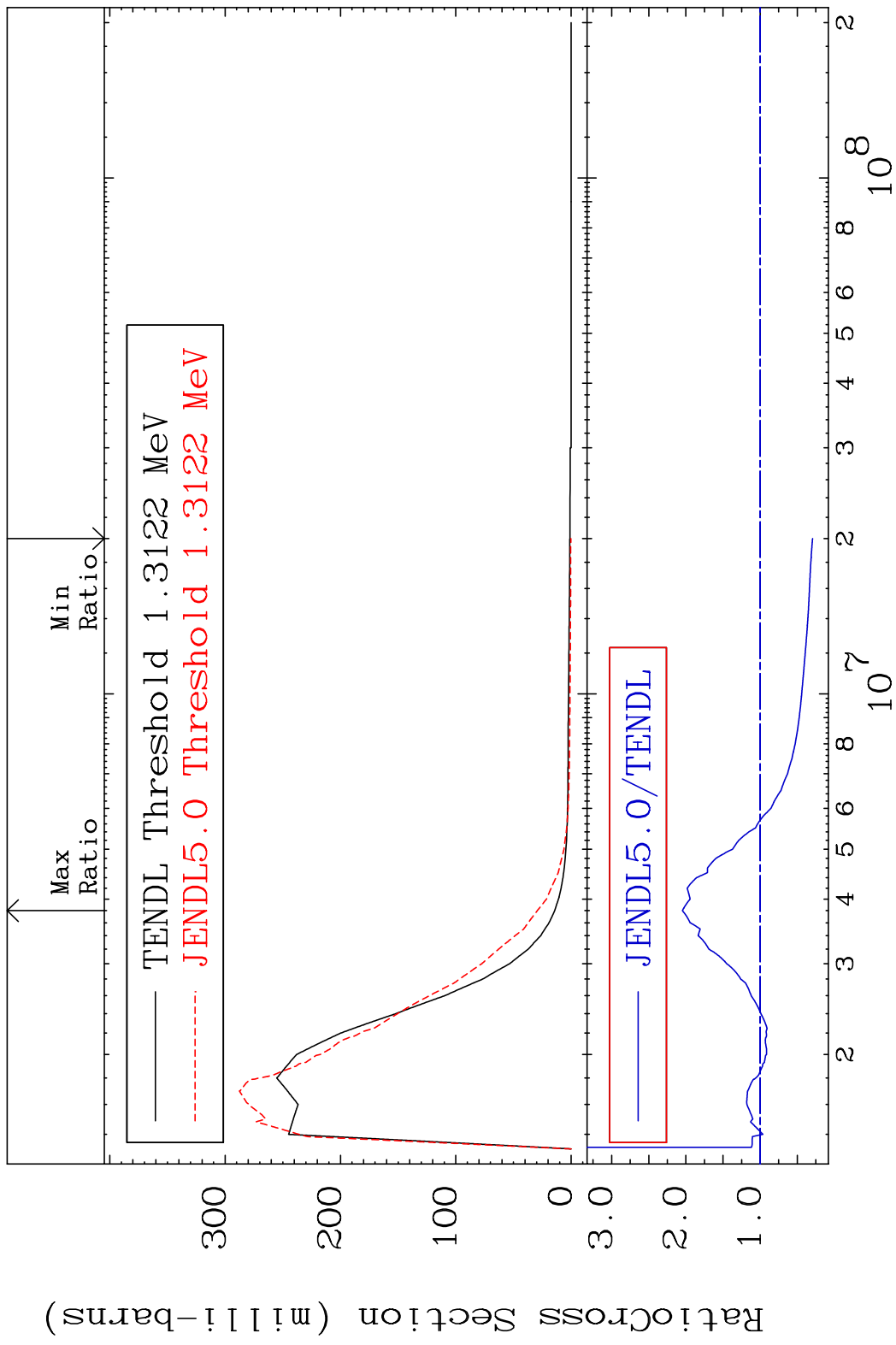


14 Incident Energy (eV) 60-Nd-146

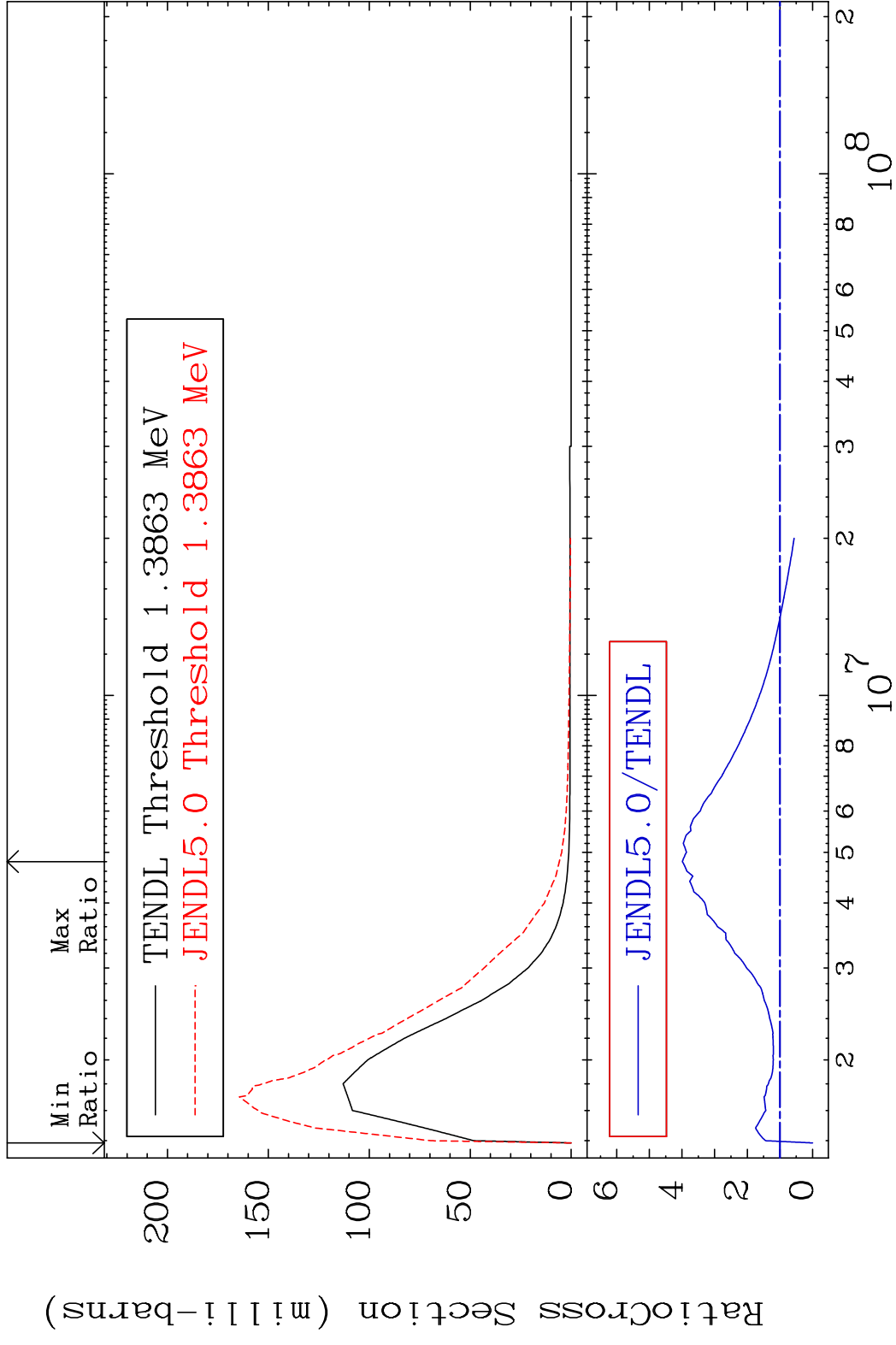
MAT 6037 MT= 54 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 91.35 %



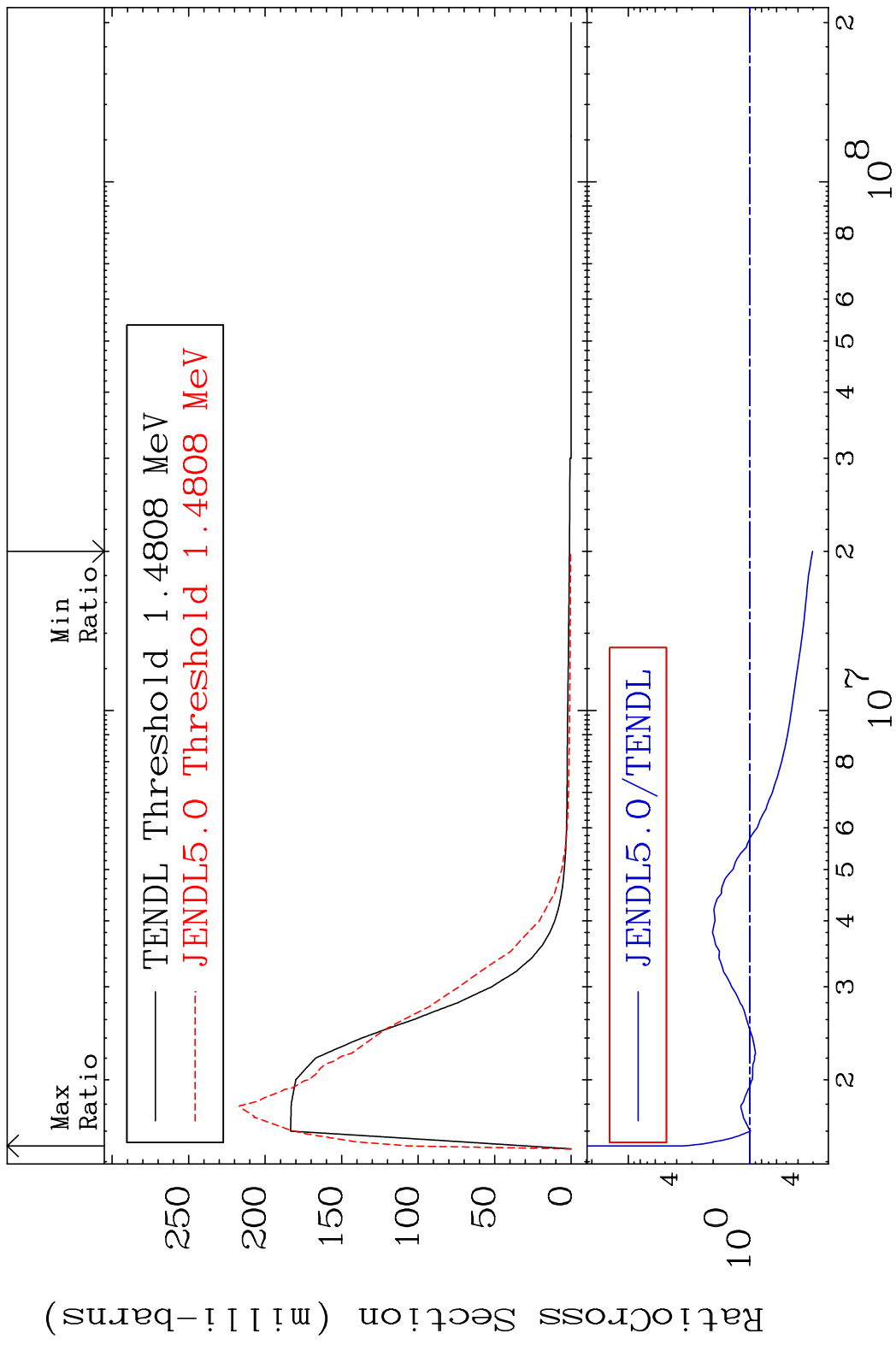
MAT 6037 MT= 55 (n, n') Level 60-Nd-146
 Cross Section -70.56 To 104.8 %



MAT 6037 MT= 56 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 299.0 %

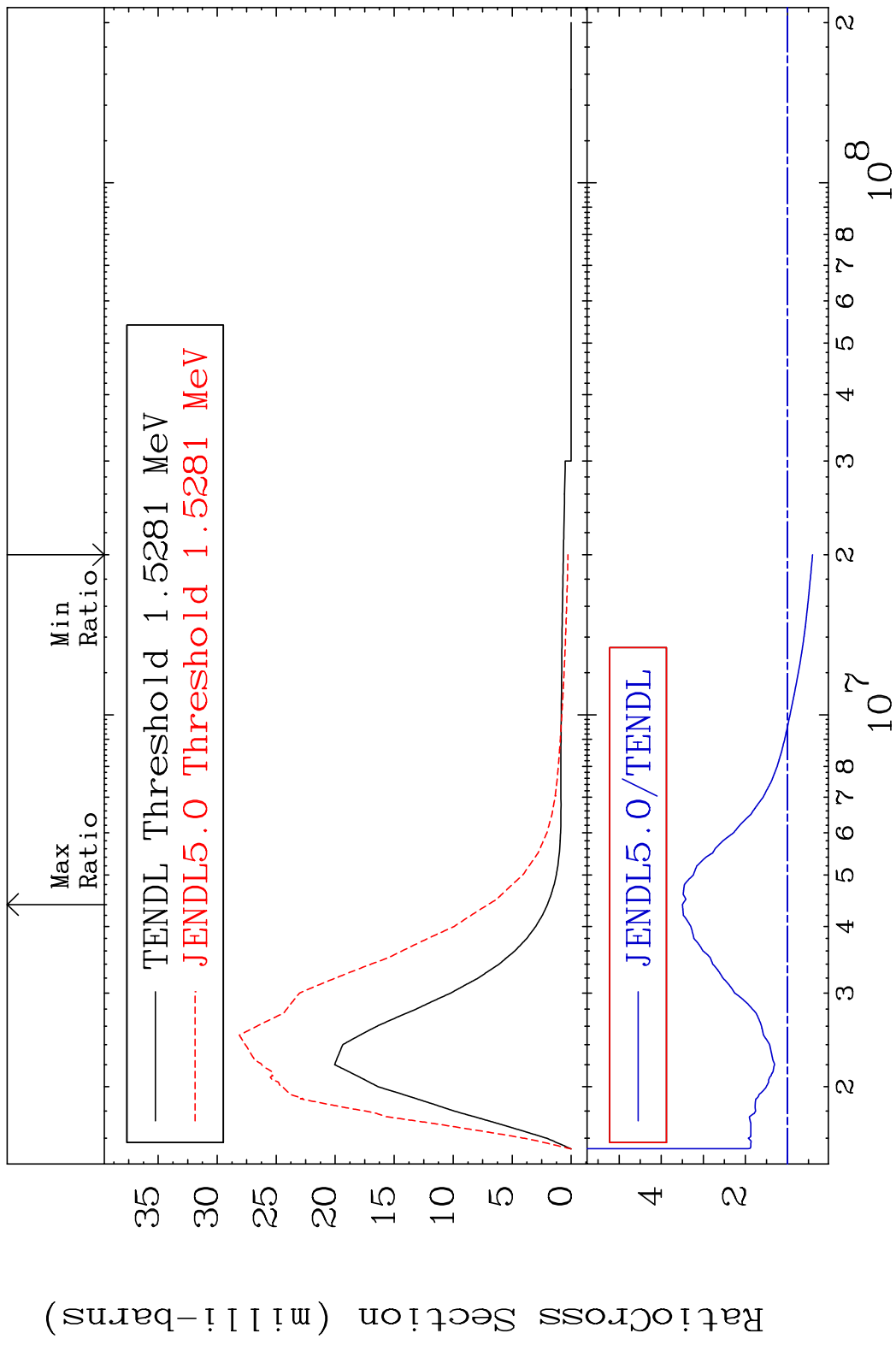


MAT 6037 MT= 57 (n, n') Level 60-Nd-146
 Cross Section -69.65 To 259.3 %

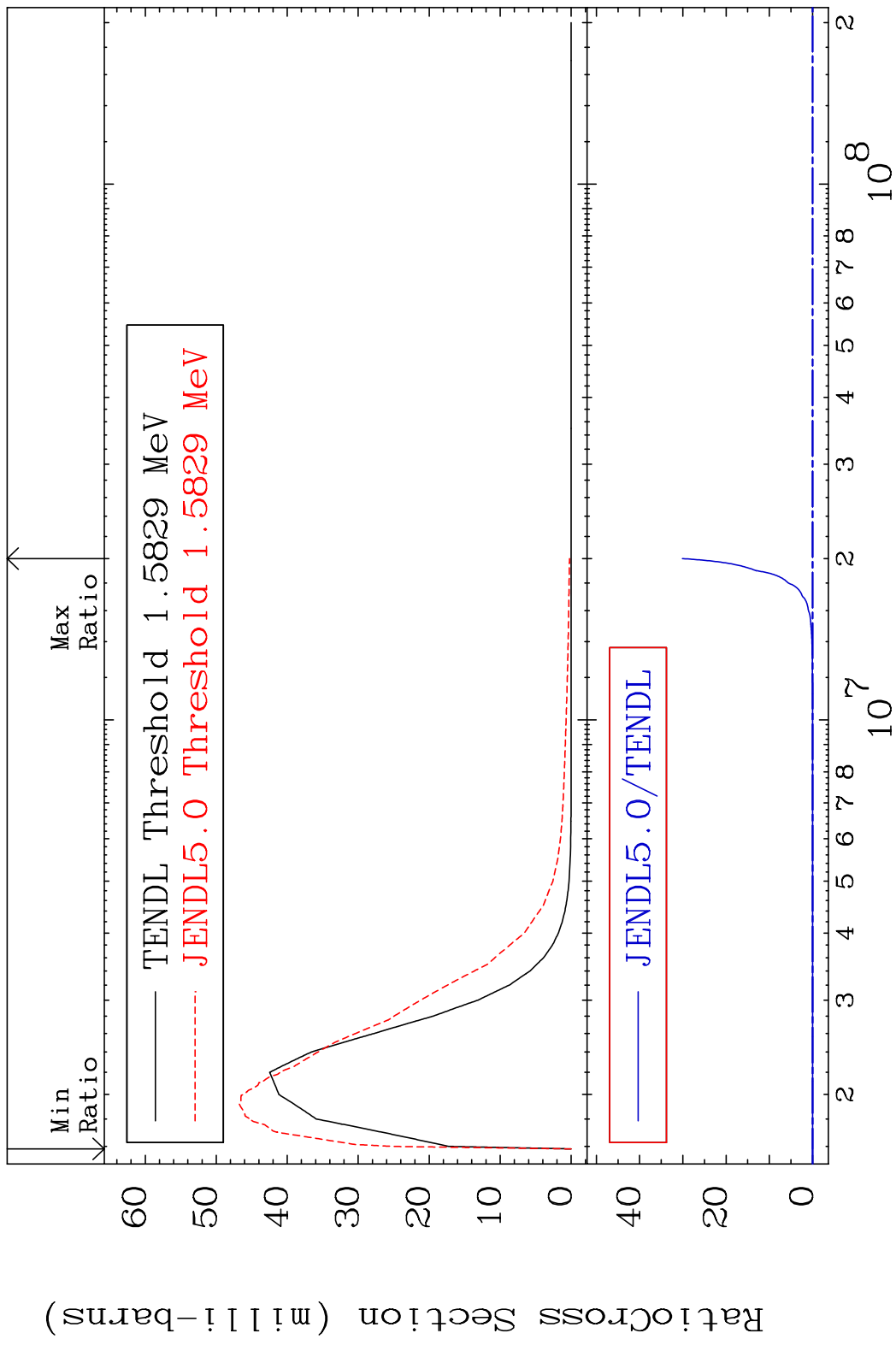


18 Incident Energy (eV) 60-Nd-146

MAT 6037 MT= 58 (n,n') Level 60-Nd-146
 Cross Section -59.44 To 249.8 %

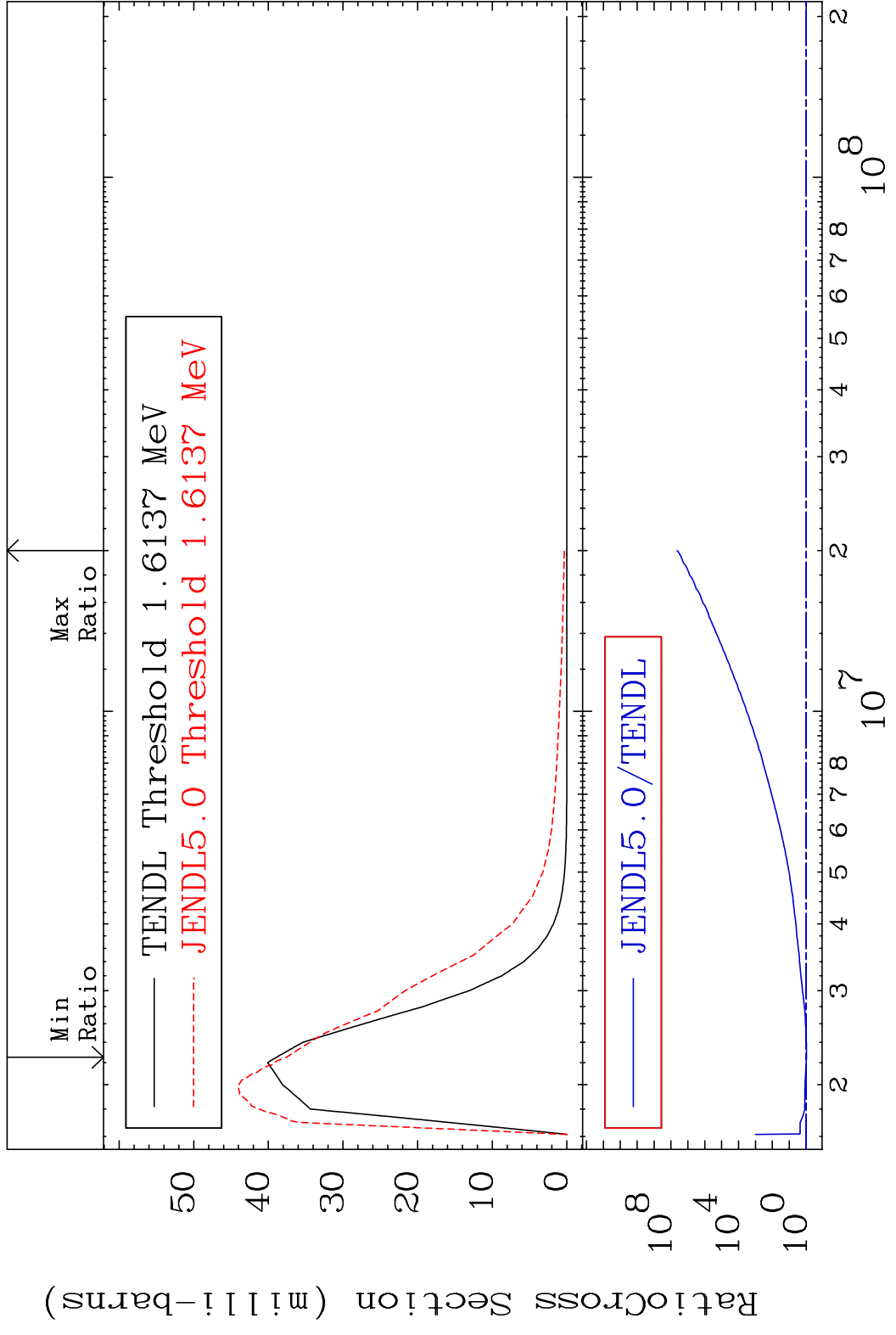


MAT 6037 MT= 59 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 9999. %

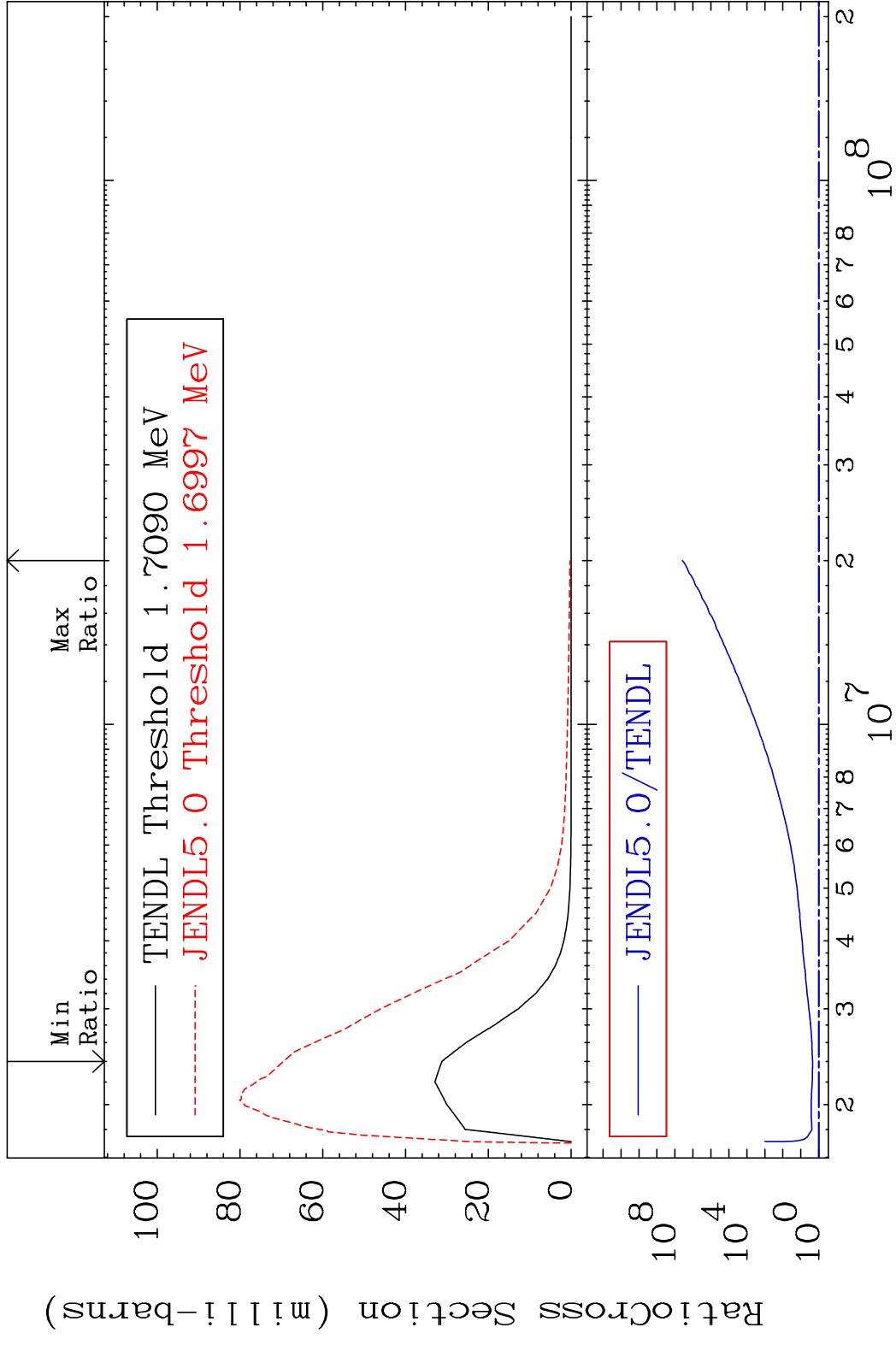


20 Incident Energy (eV) 60-Nd-146

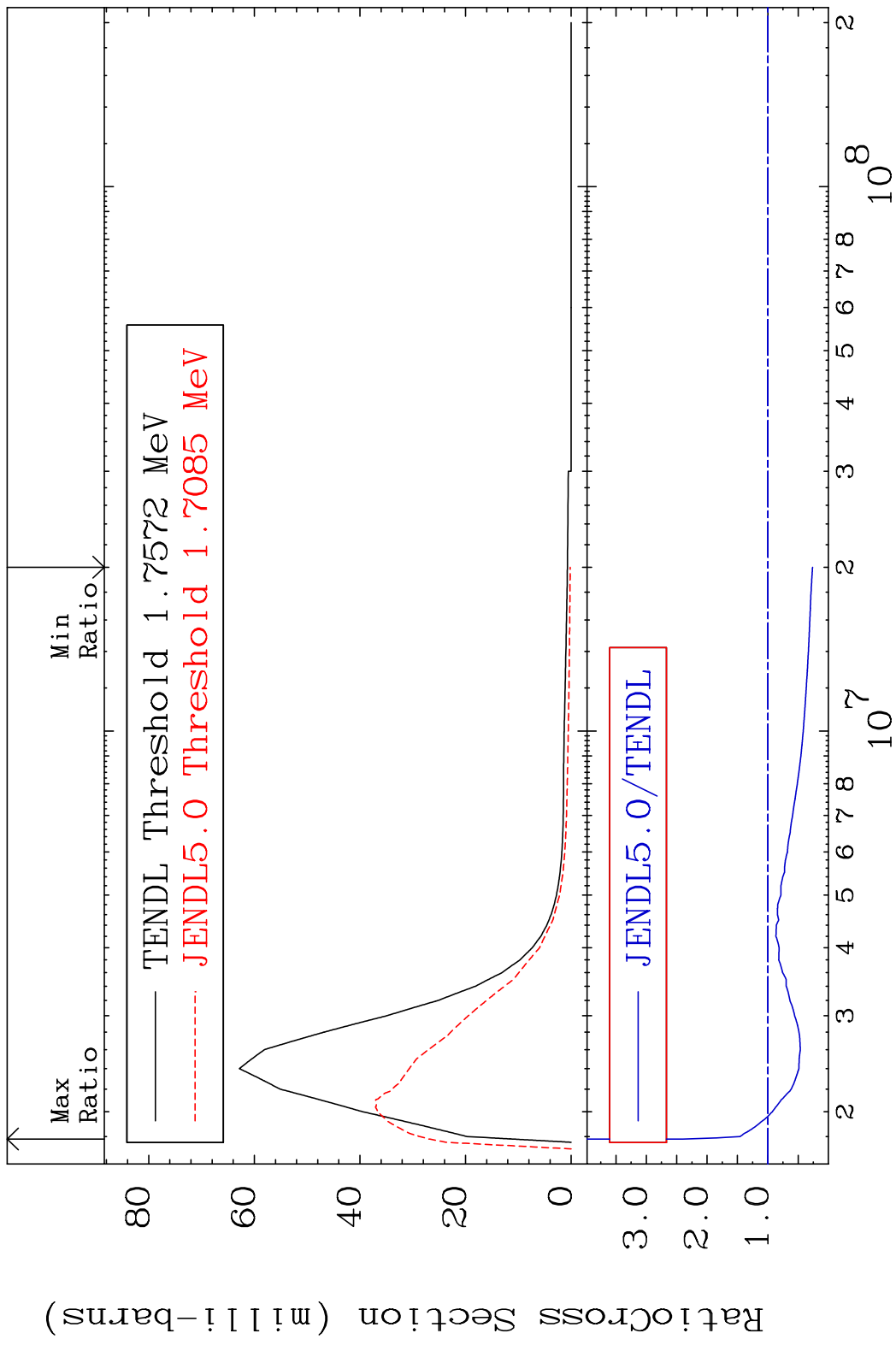
MAT 6037 MT= 60 (n, n') Level 60-Nd-146
 Cross Section -3.435 To 9999. %



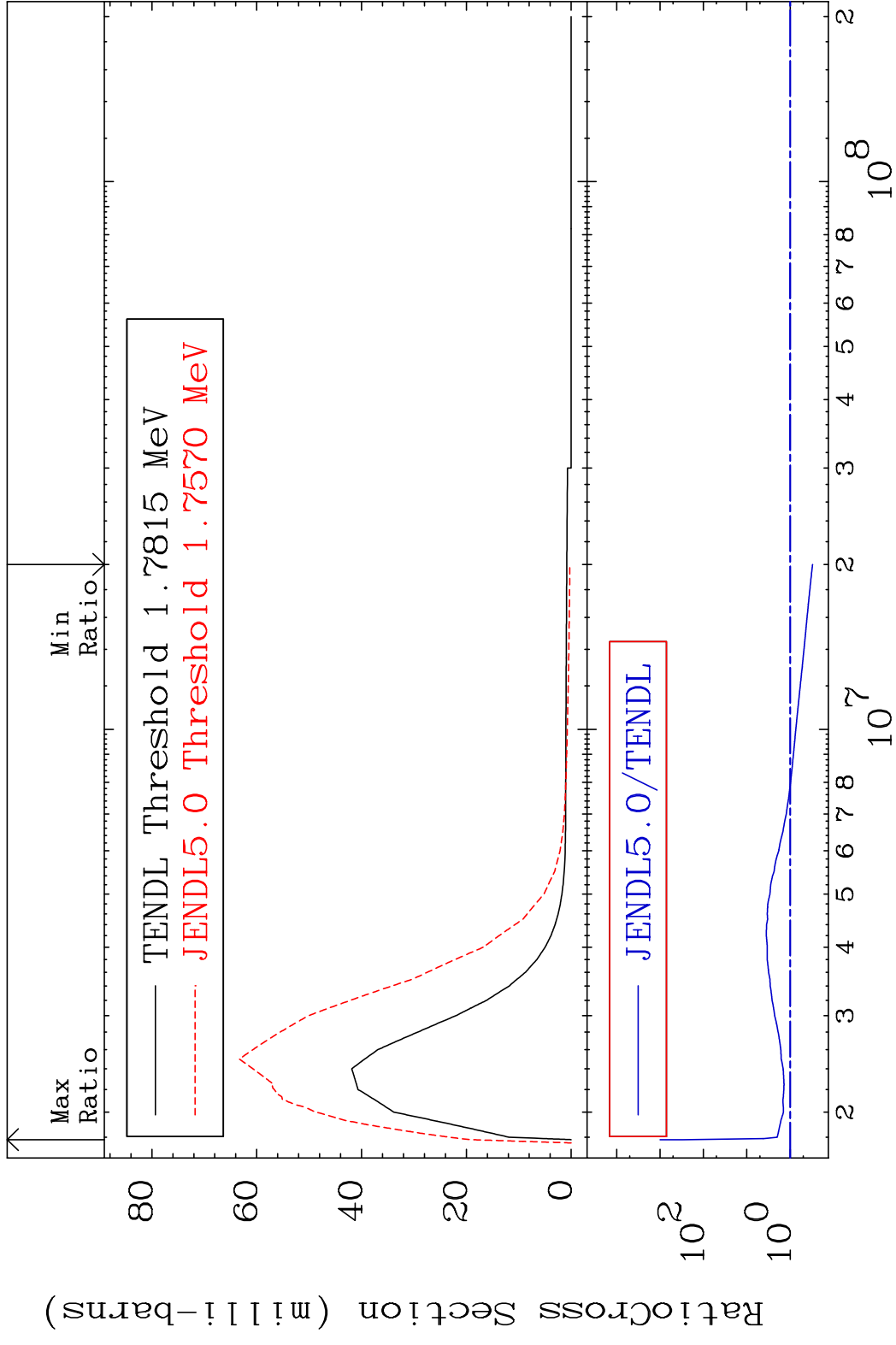
MAT 6037 MT= 61 (n, n') Level 60-Nd-146
 Cross Section 122.5 To 9999. %



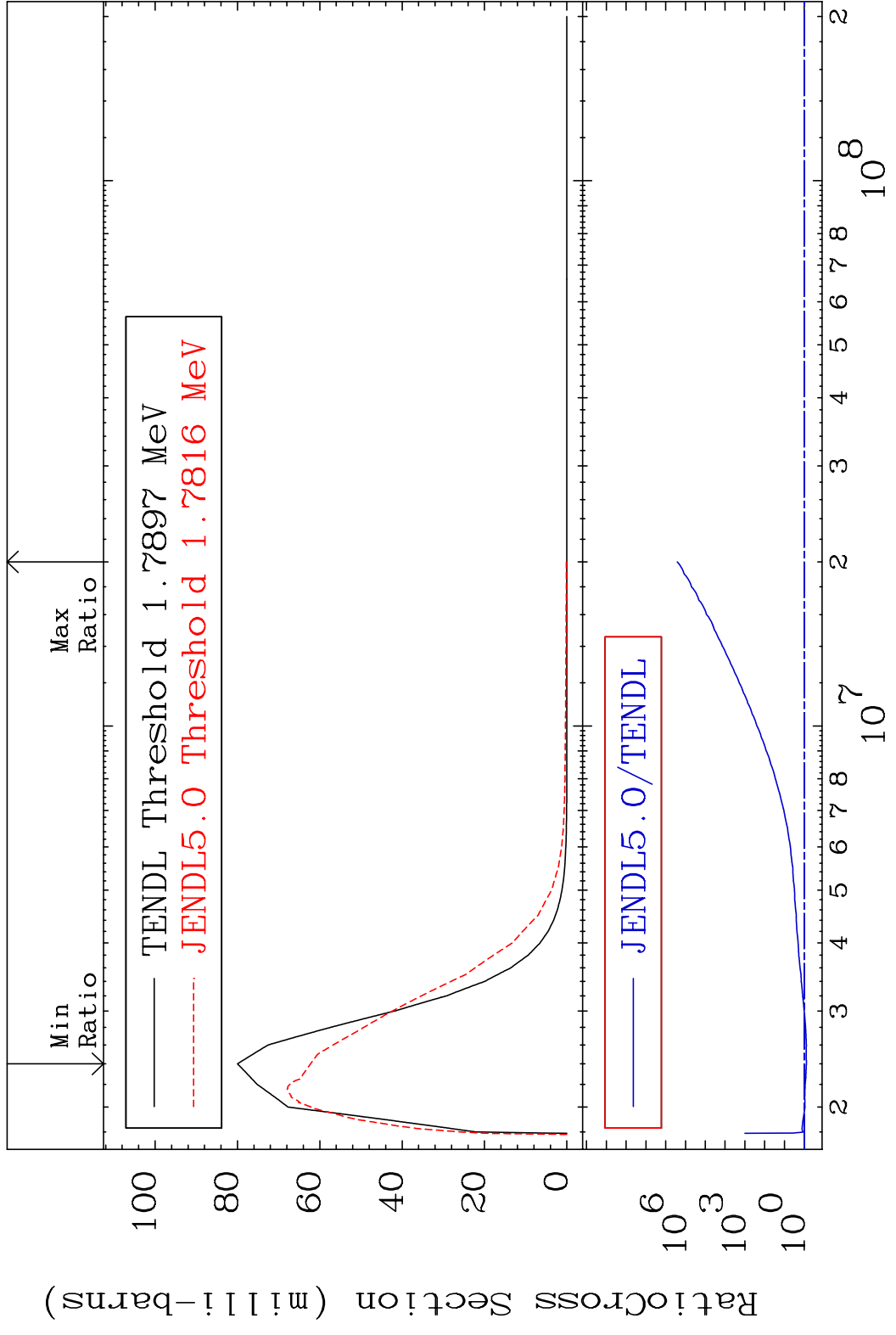
MAT 6037 MT= 62 (n, n') Level 60-Nd-146
 Cross Section -73.66 To 140.7 %



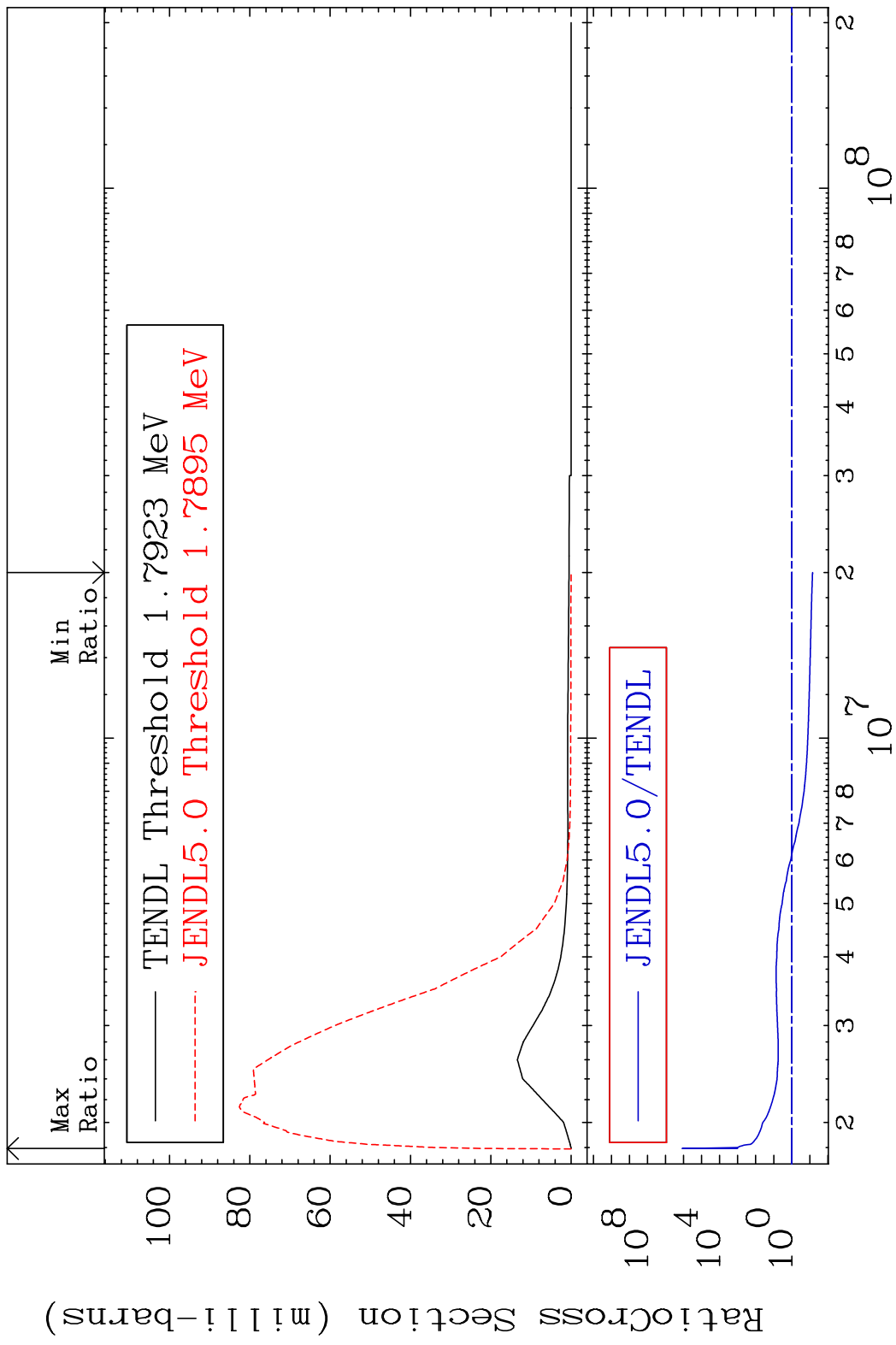
MAT 6037 MT= 63 (n, n') Level 60-Nd-146
 Cross Section -69.48 To 9999. %



MAT 6037 MT= 64 (n, n') Level 60-Nd-146
 Cross Section -22.17 To 9999. %



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

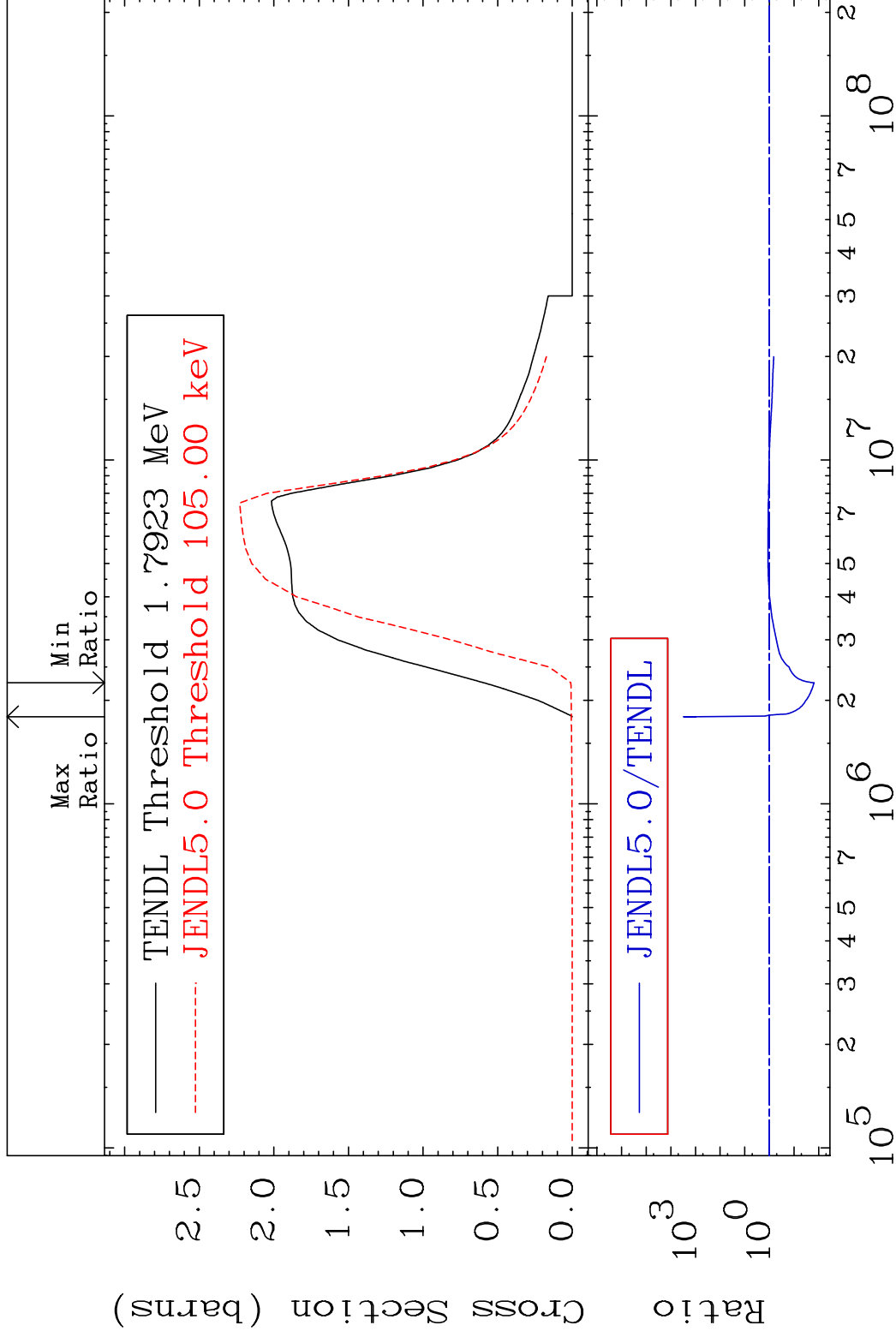


MAT 6037

(n, n') Continuum

60-Nd-146

Cross Section -98.47 To 9999. %



27

Incident Energy (eV)

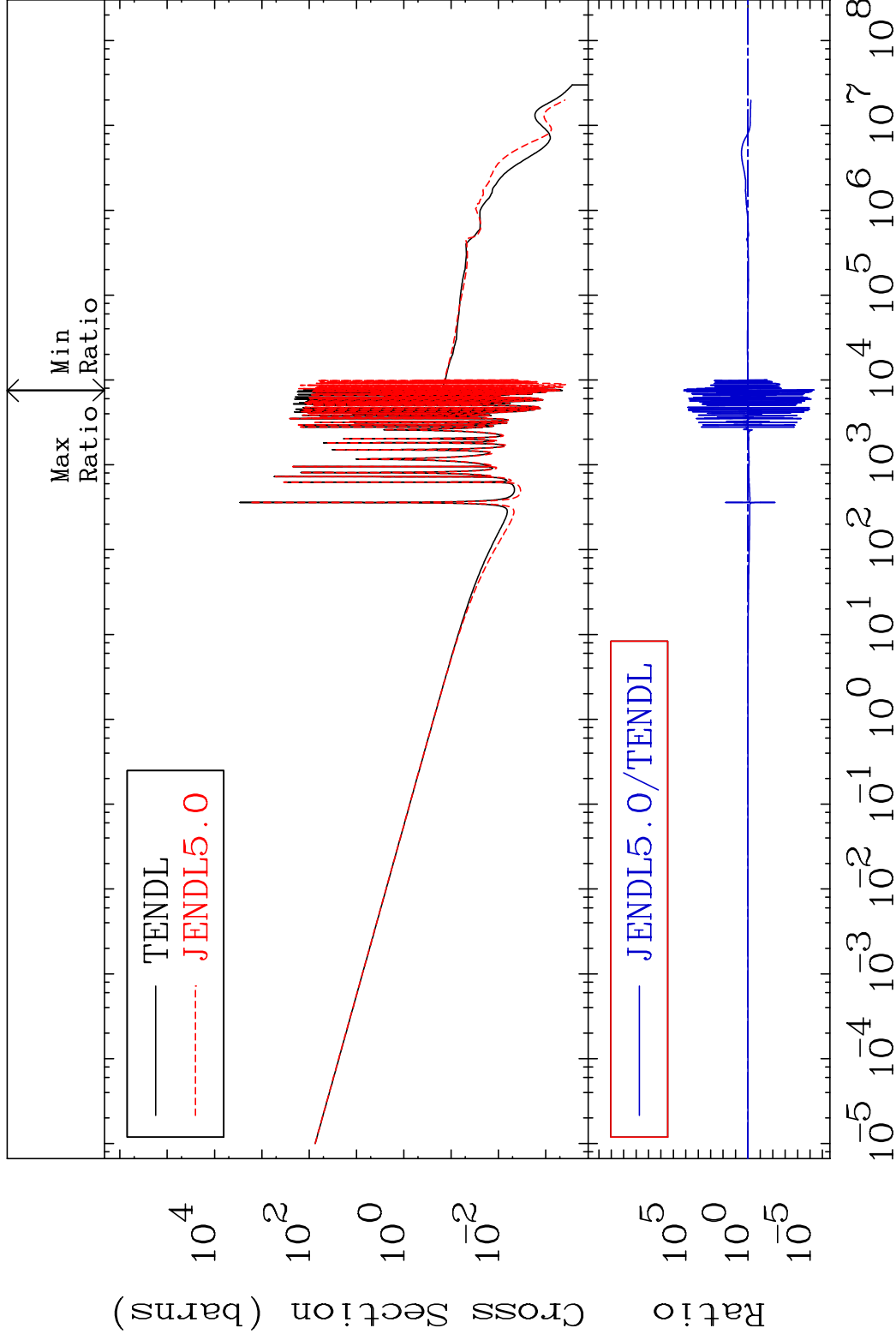
60-Nd-146

MAT 6037

(n, γ)

60-Nd-146

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

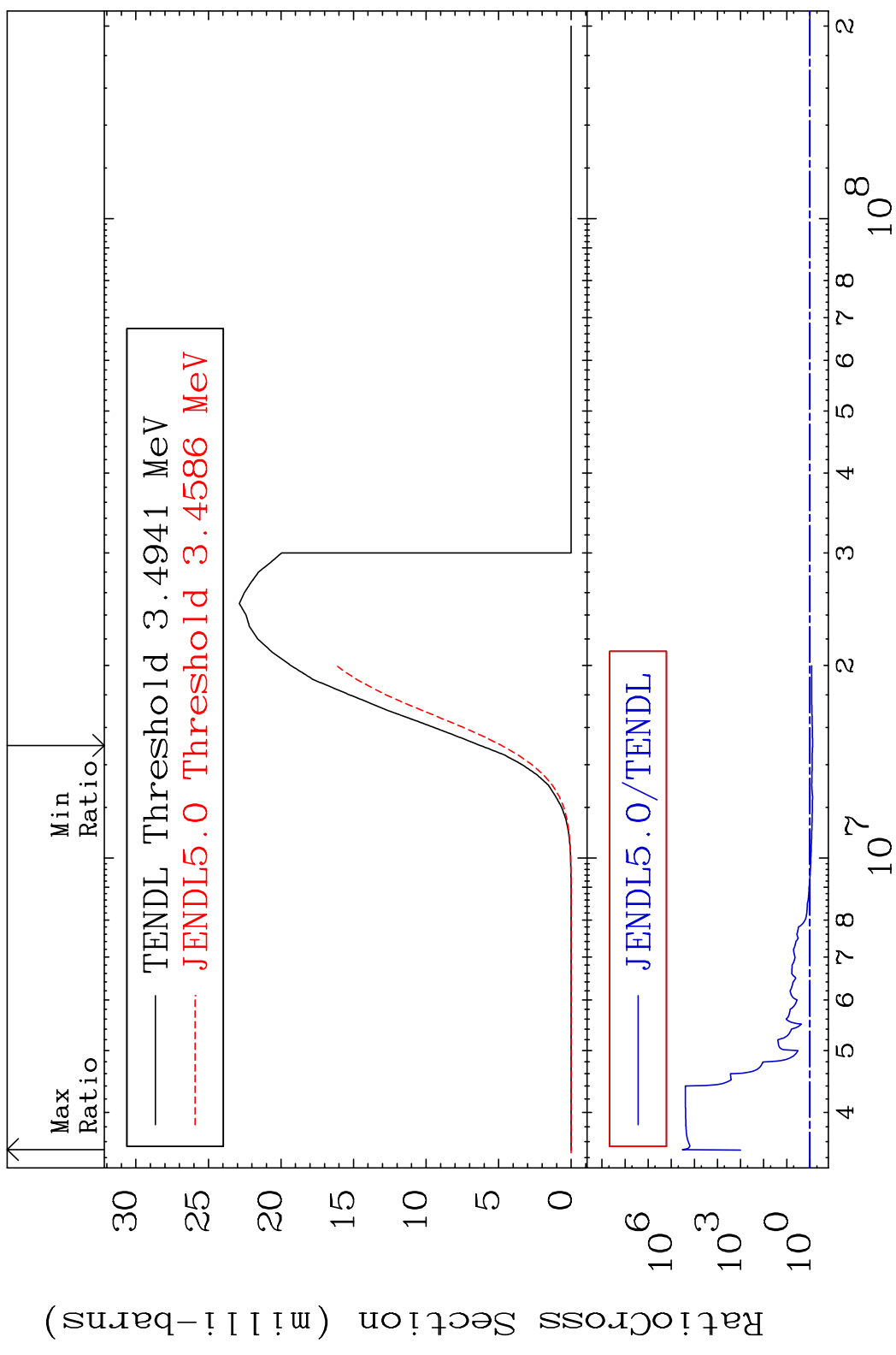
60-Nd-146

MAT 6037

(n,p)

60-Nd-146

Cross Section -23.47 To 9999. %

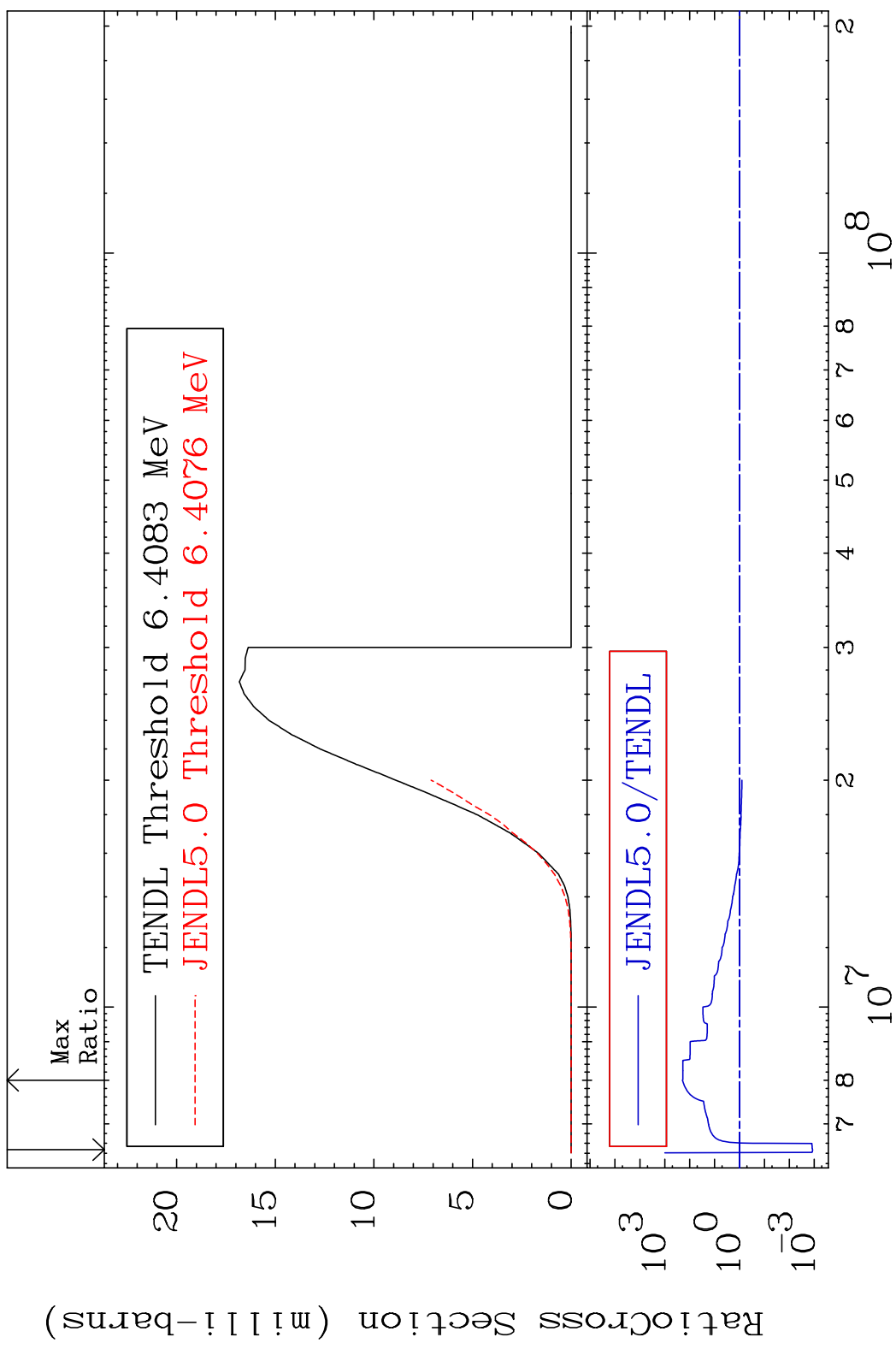


MAT 6037

(n,d)

60-Nd-146

Cross Section -99.88 To 9999. %

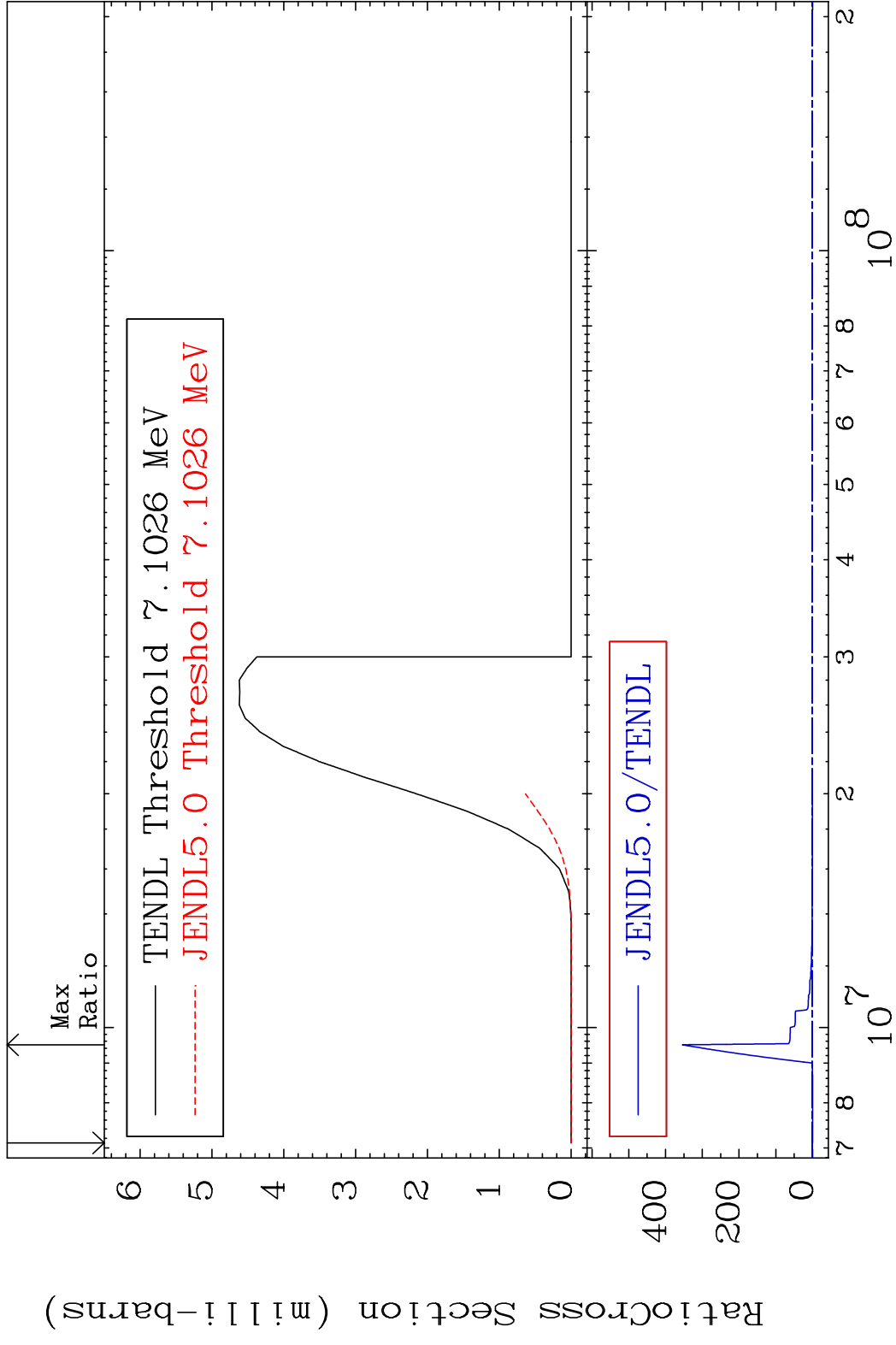


30

Incident Energy (eV)

60-Nd-146

MAT 6037 (n, t) 60-Nd-146
 Cross Section -100.0 To 9999. %

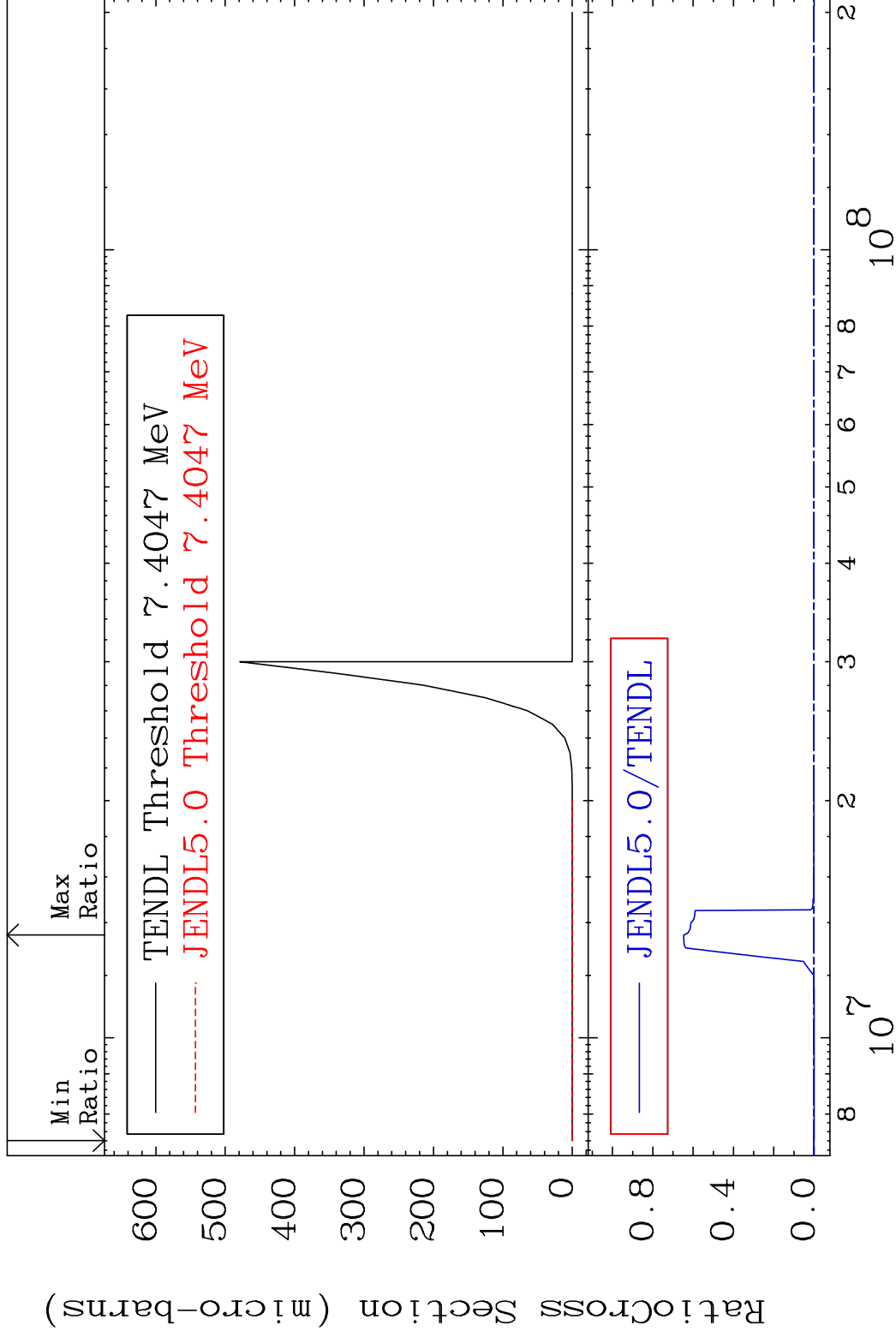


MAT 6037

(n, He-3)

60-Nd-146

Cross Section -100.0 To 9999. %



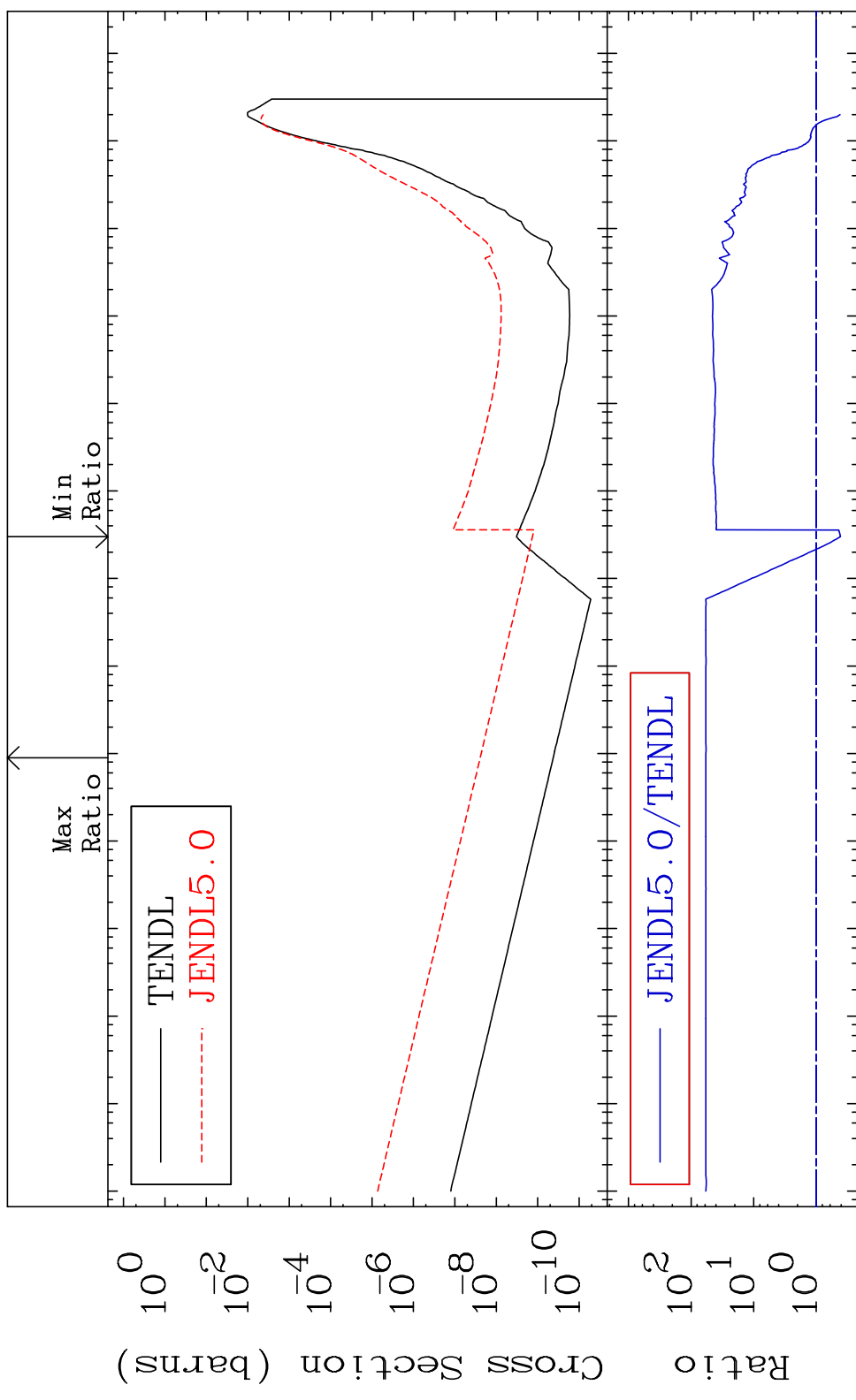
32

Incident Energy (eV)

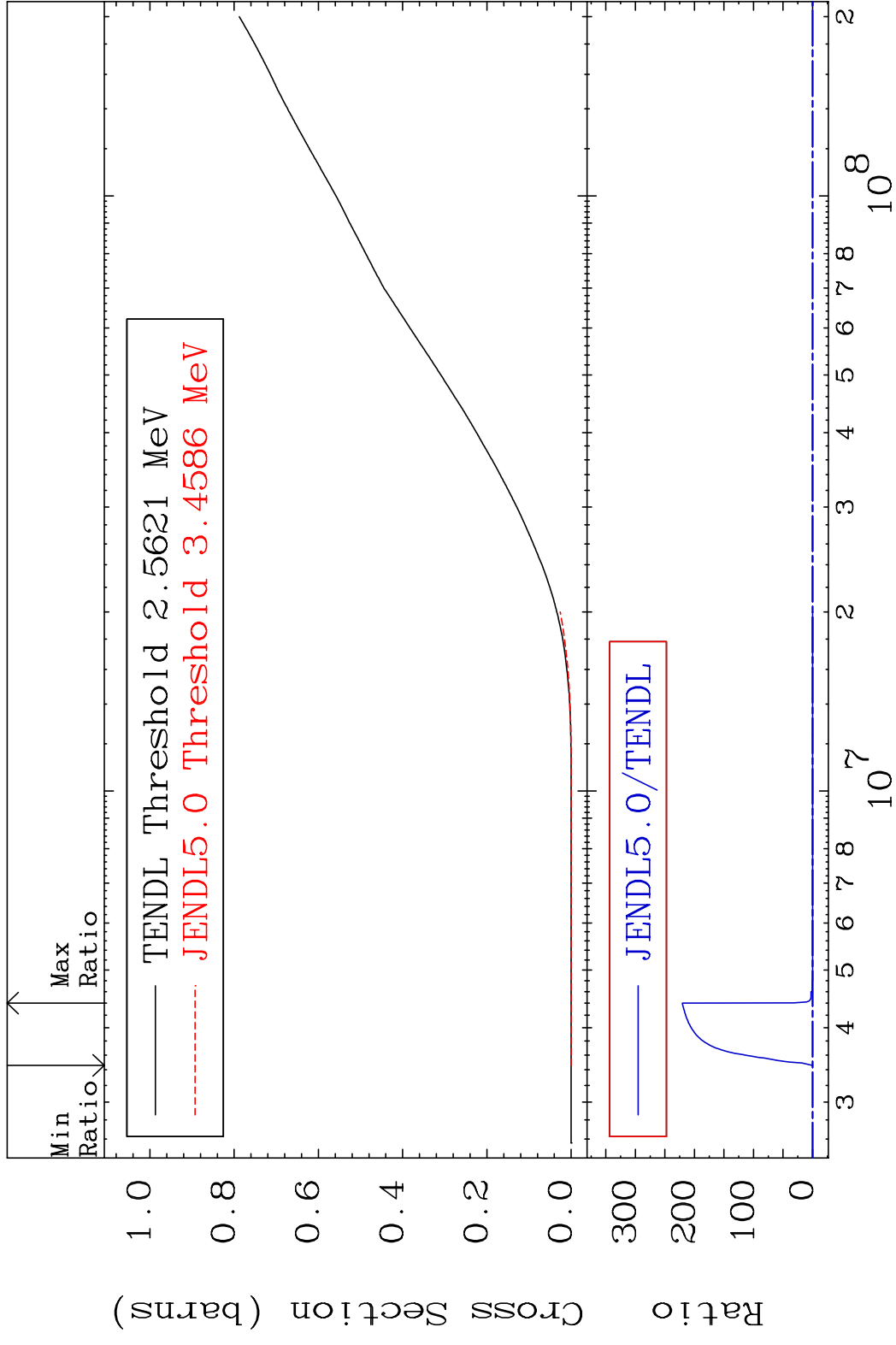
60-Nd-146

MAT 6037

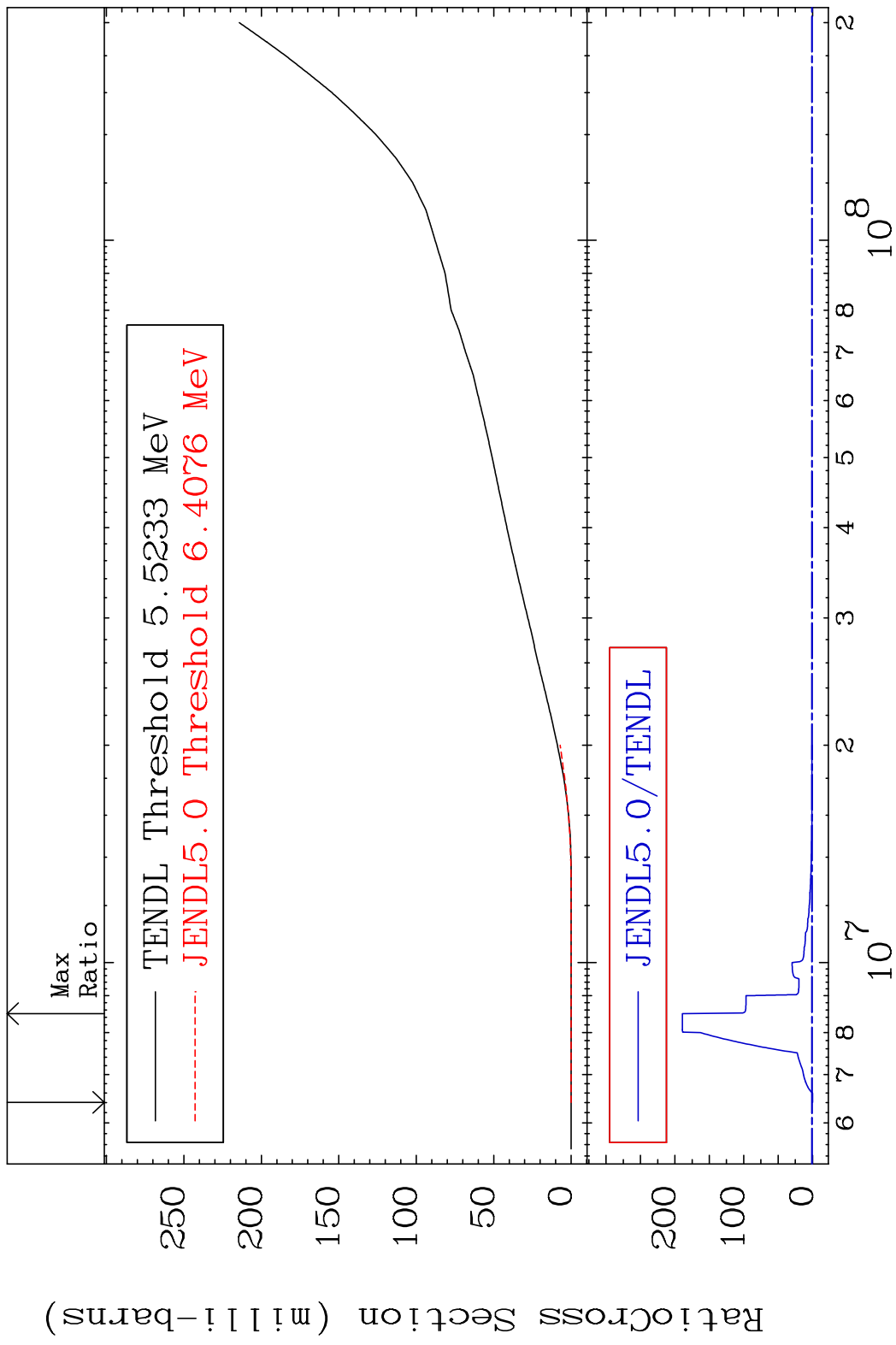
(n, α)
Cross Section -58.85 To 5733. %
60-Nd-146



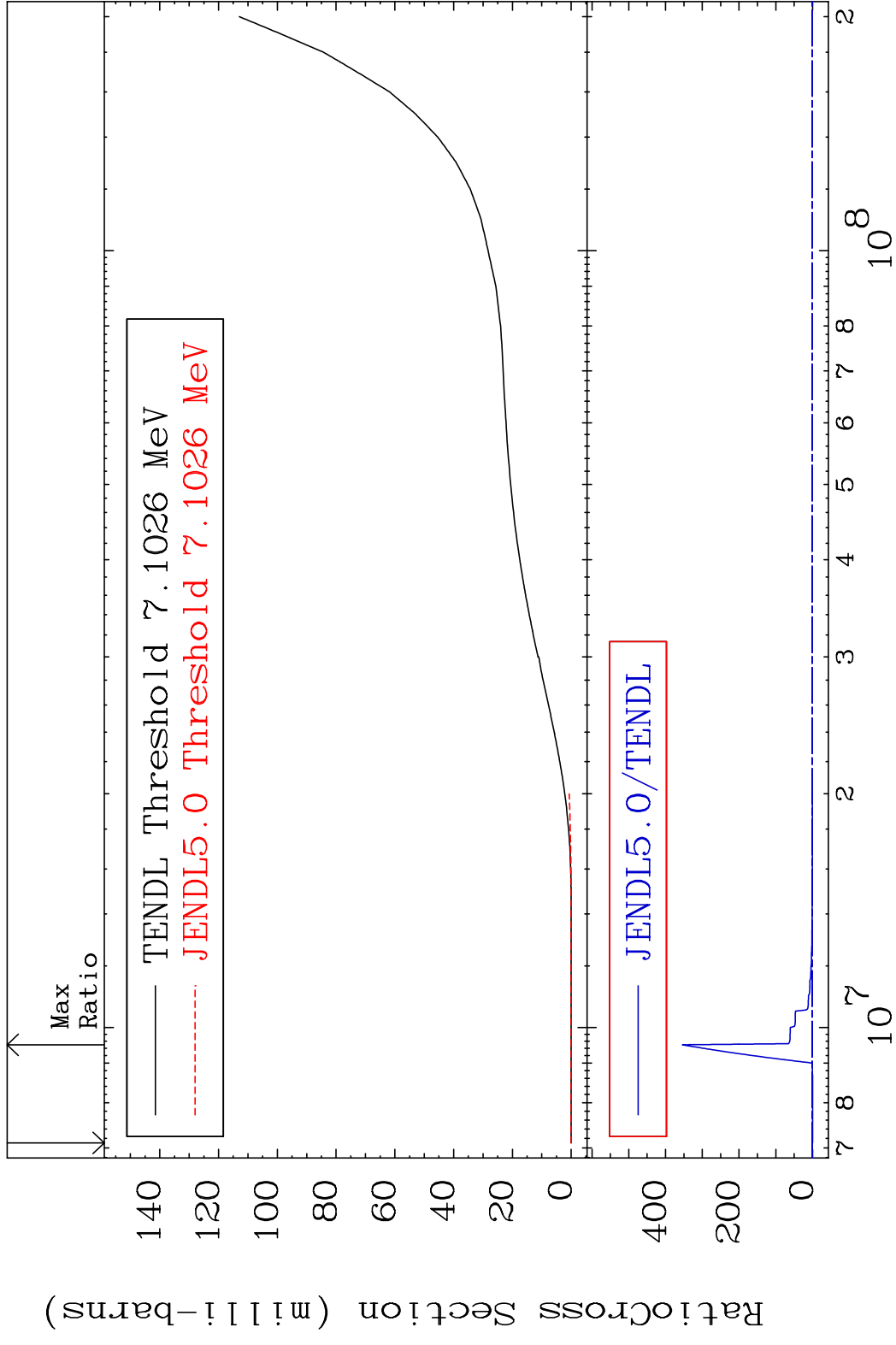
MAT 6037 Hydrogen Production 60-Nd-146
 Cross Section -100.0 To 9999. %



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



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

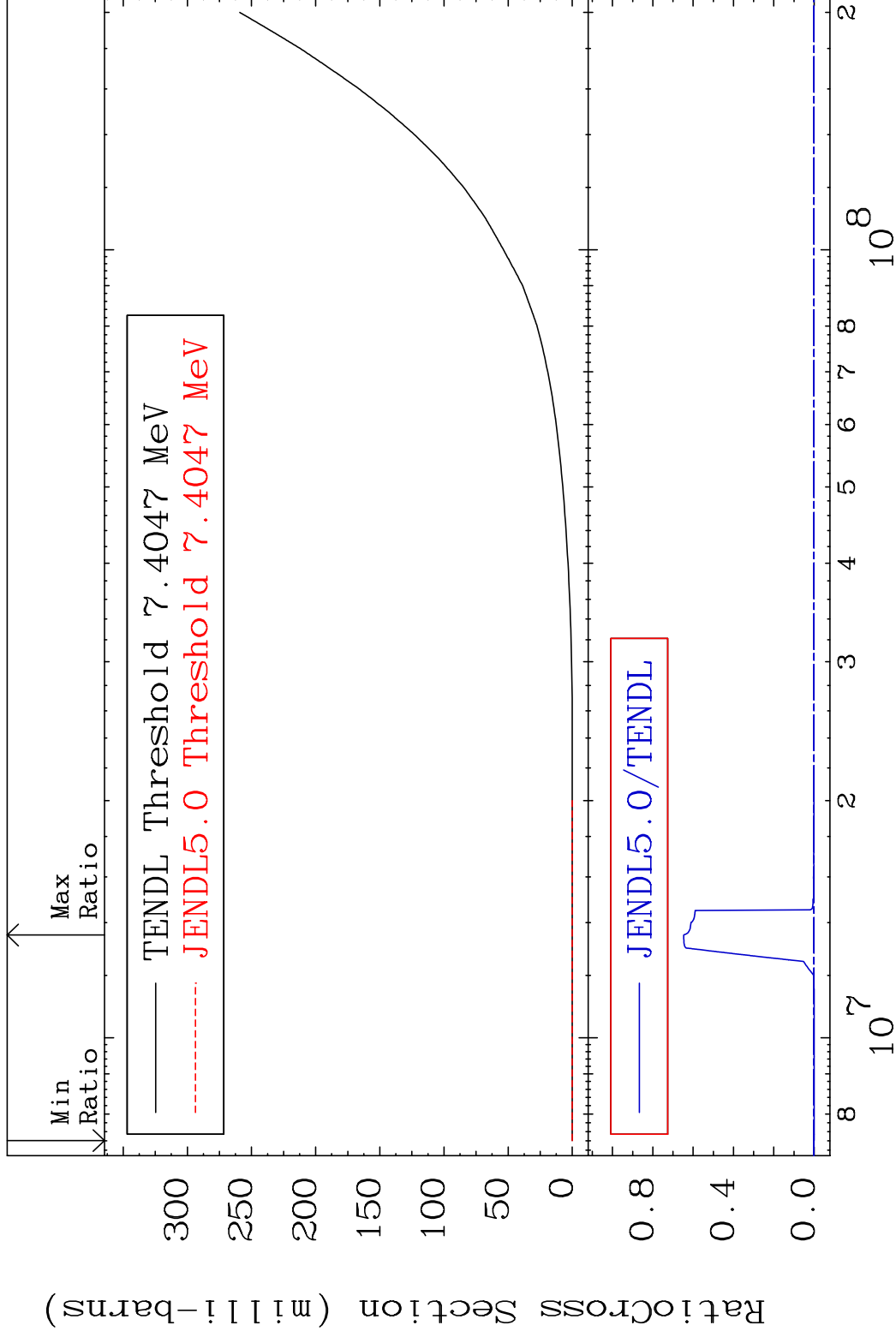


MAT 6037

He-3 Production

60-Nd-146

Cross Section -100.0 To 9999. %

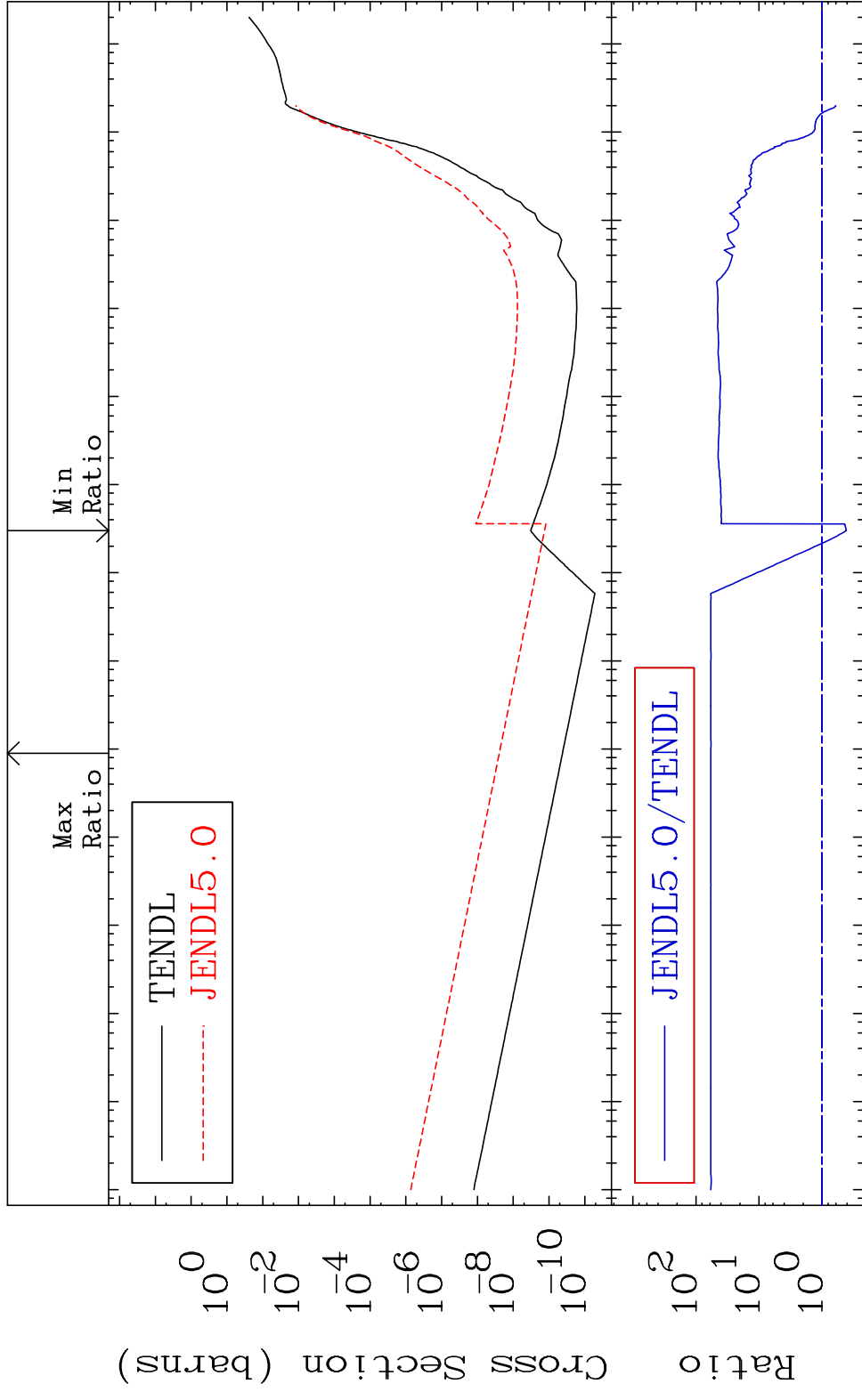


37

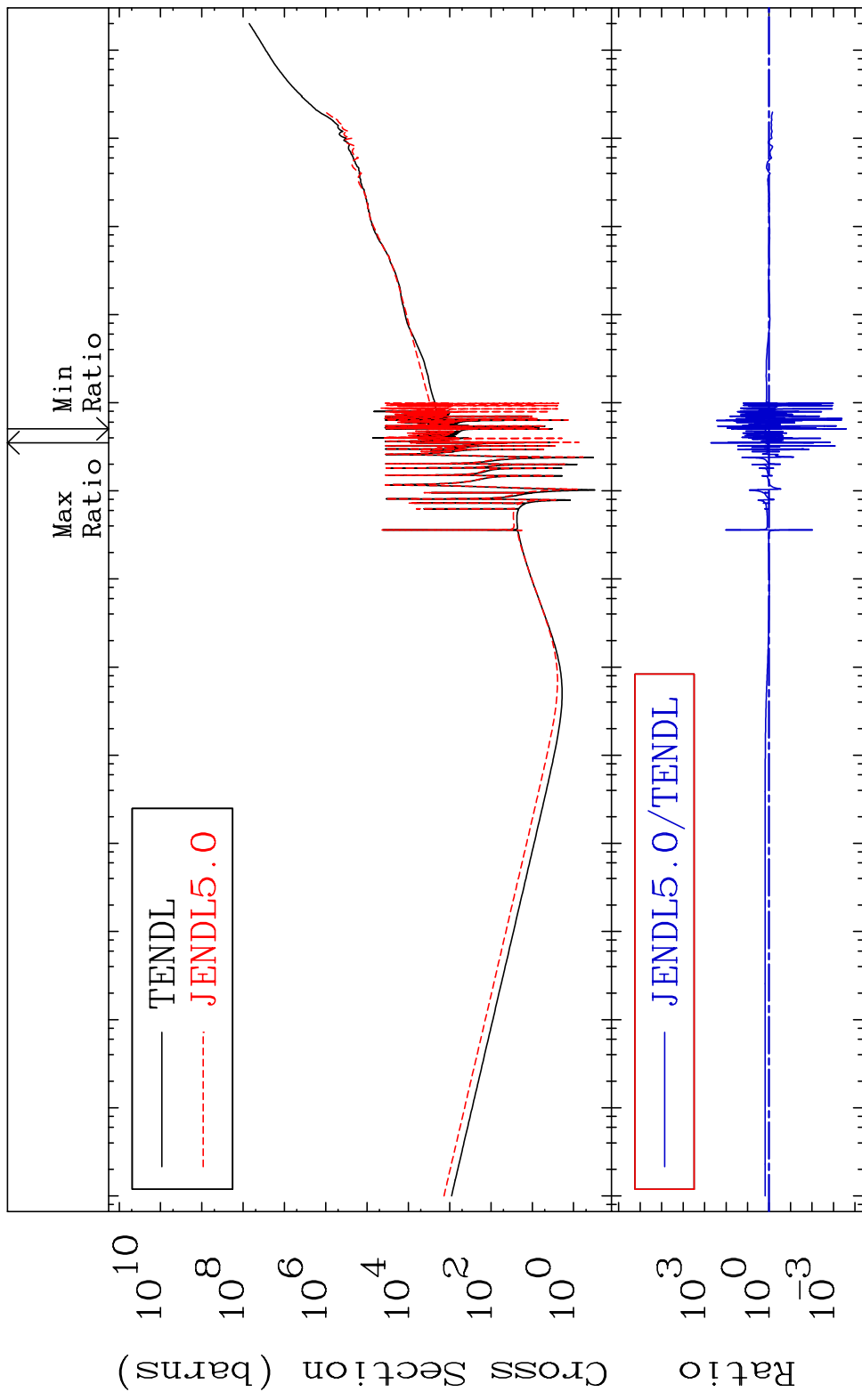
Incident Energy (eV)

60-Nd-146

MAT 6037 He-4 Production 60-Nd-146
 Cross Section -58.85 To 5733. %



MAT 6037 Kerma total (eV-barns) 60-Nd-146
 Cross Section -99.97 To 9999. %

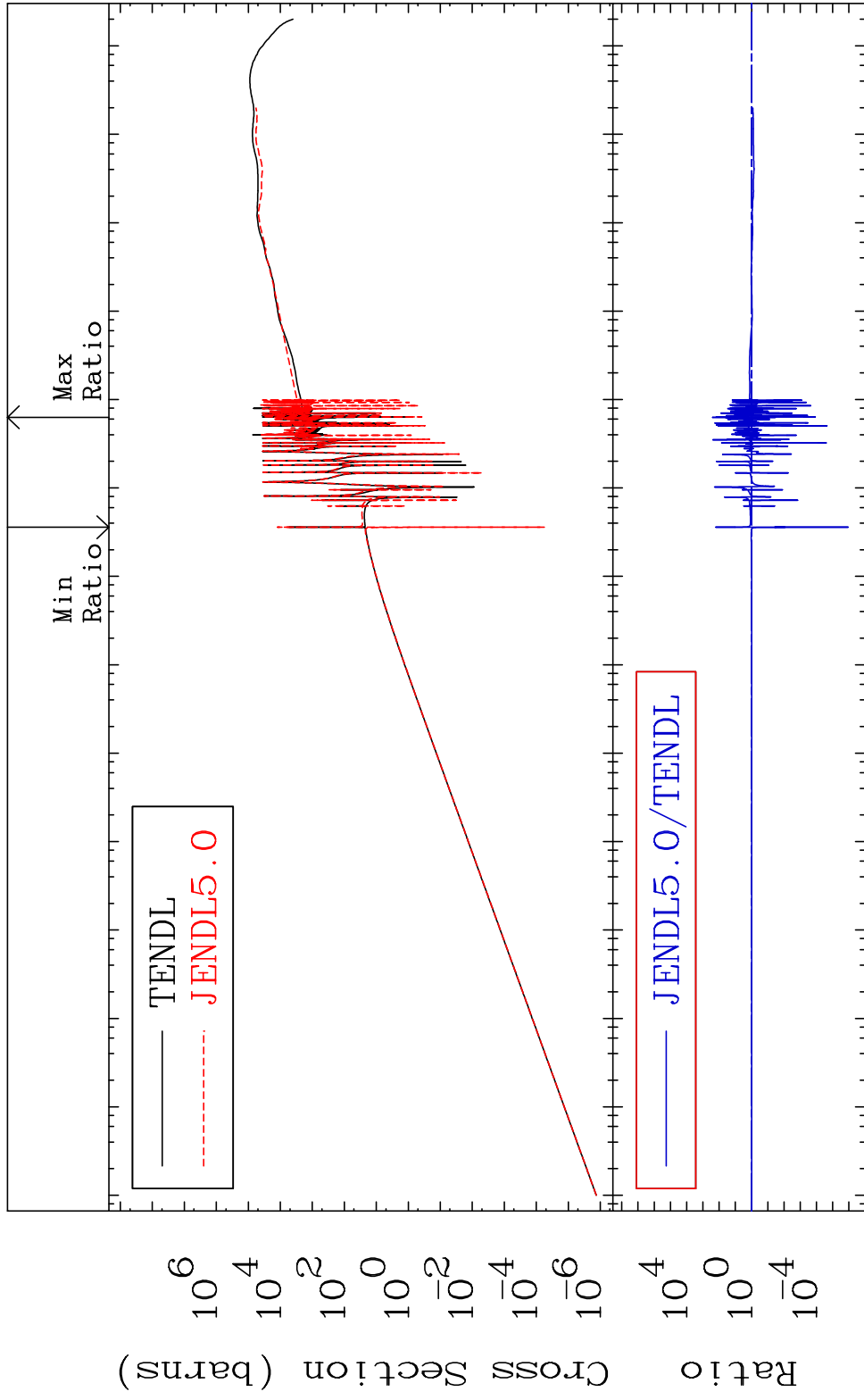


MAT 6037

Kerma elastic

60-Nd-146

Cross Section -100.0 To 9999. %



Cross Section (barns)

Ratio

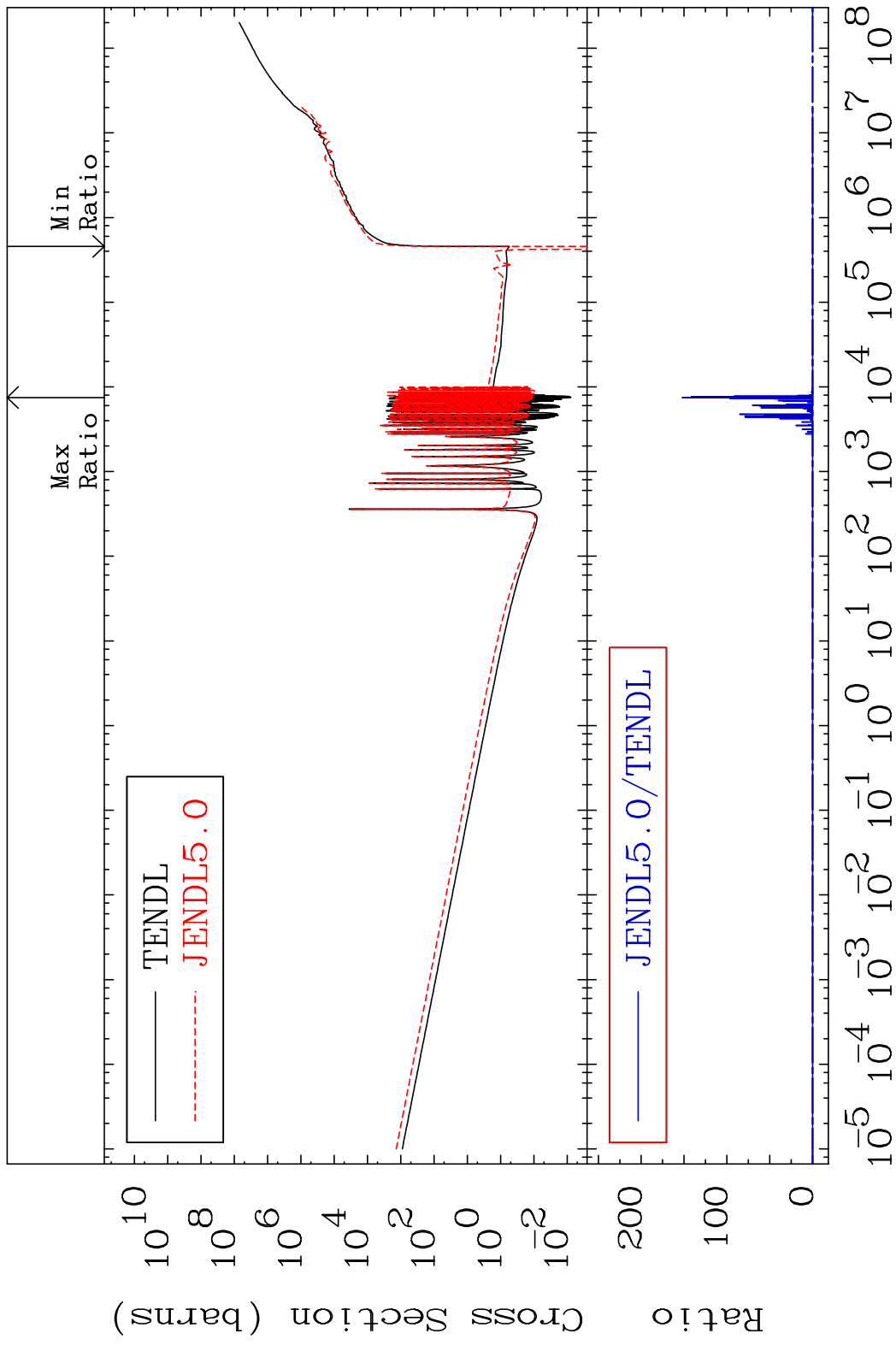
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

40

Incident Energy (eV)

60-Nd-146

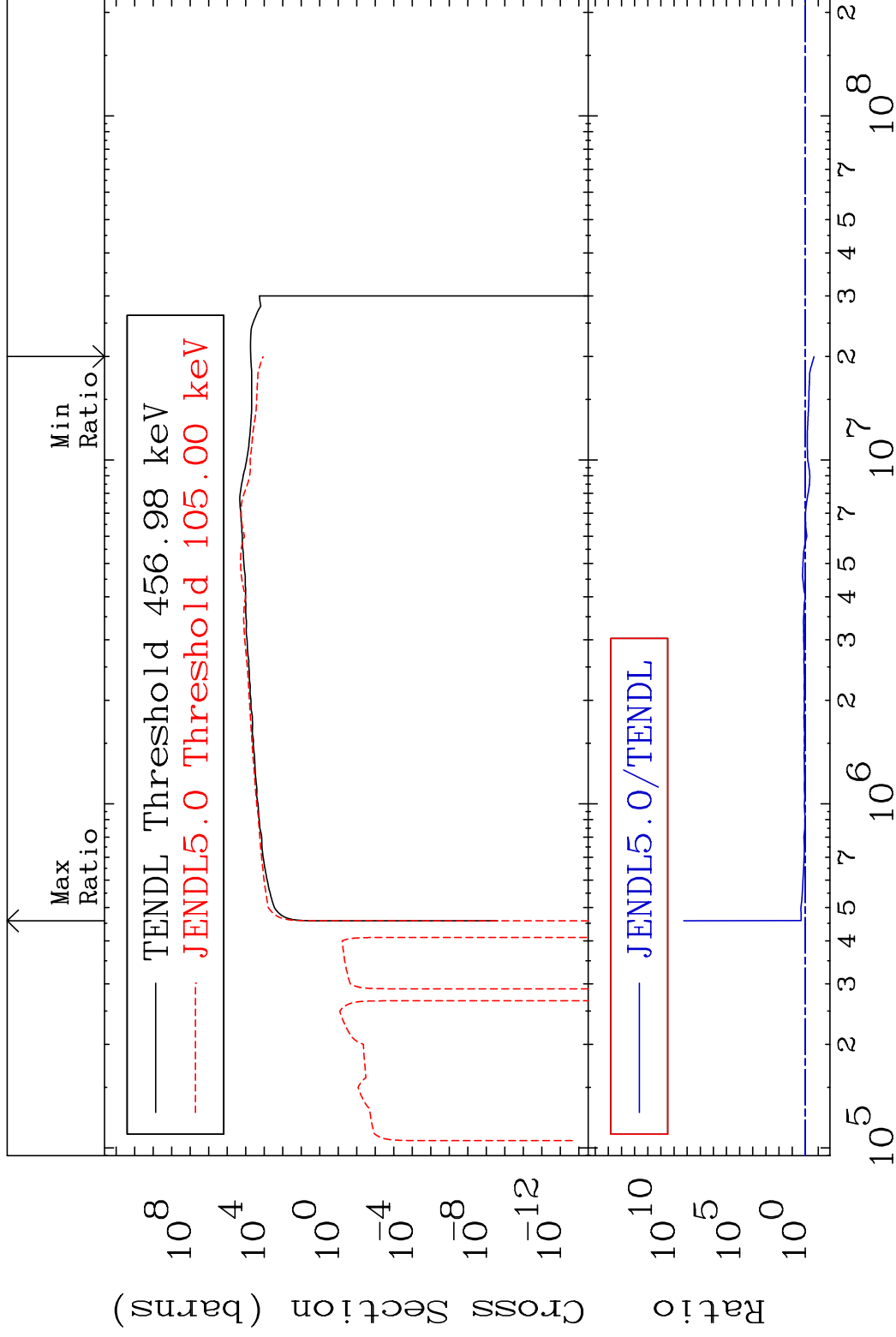
MAT 6037 Kerma non-elastic (all but mt2) 60-Nd-146
 Cross Section -840.3 To 9999. %



MAT 6037

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

Cross Section -78.86 To 9999. %

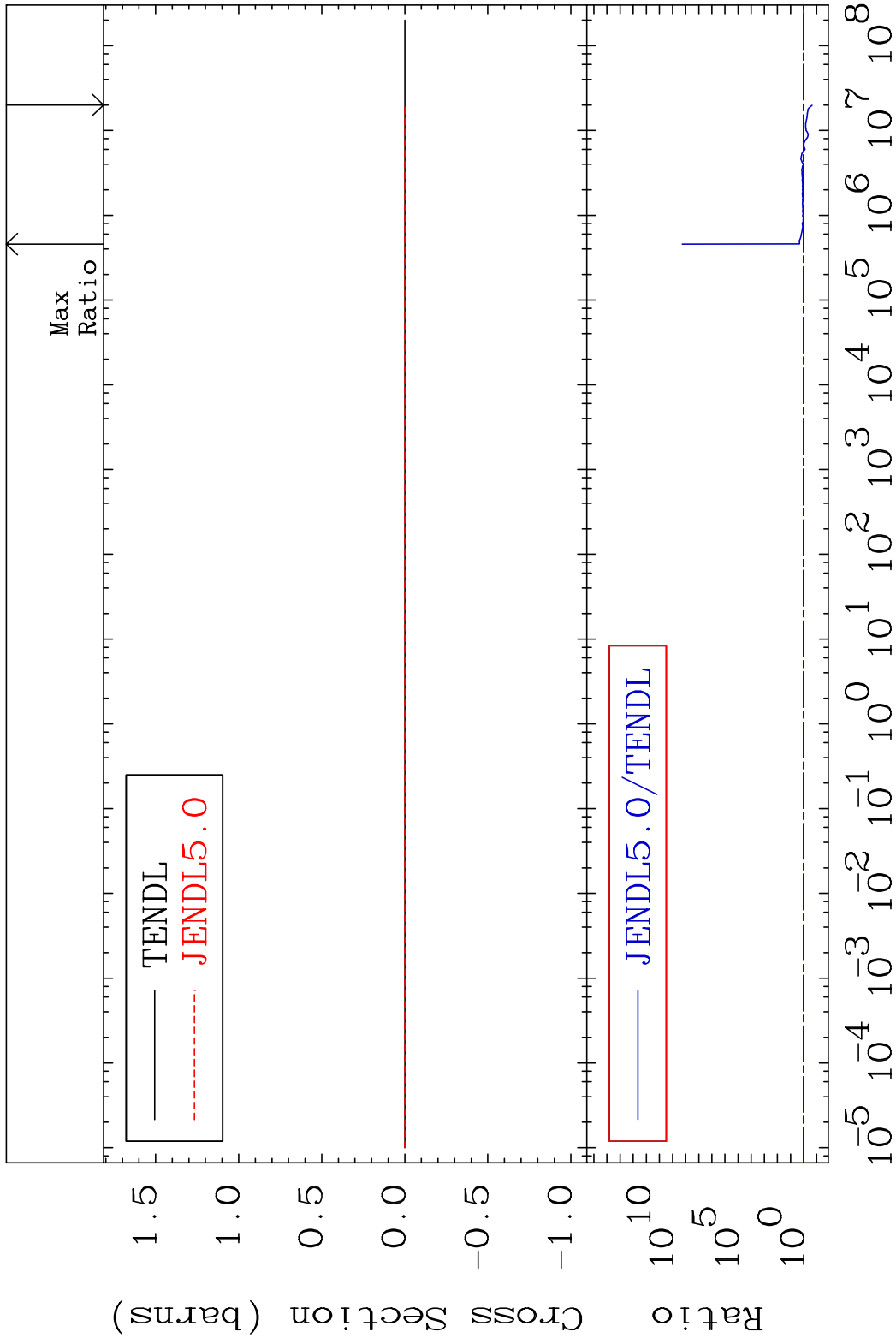


42

Incident Energy (eV)

60-Nd-146

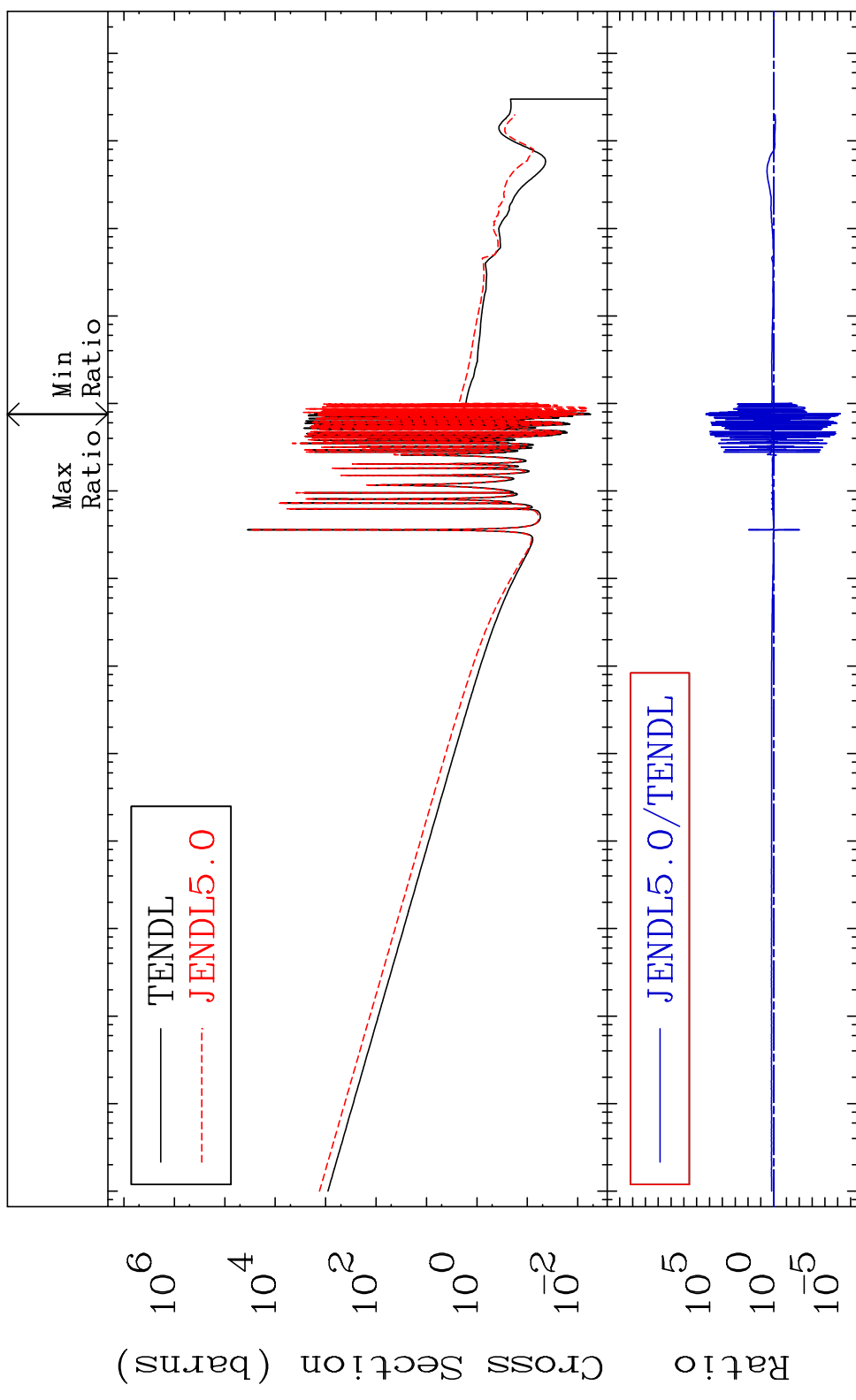
MAT 6037 Kerma fission (mt18 or mt19-20-21-38) ^{60}Nd -146
 Cross Section -78.86 To 9999. %



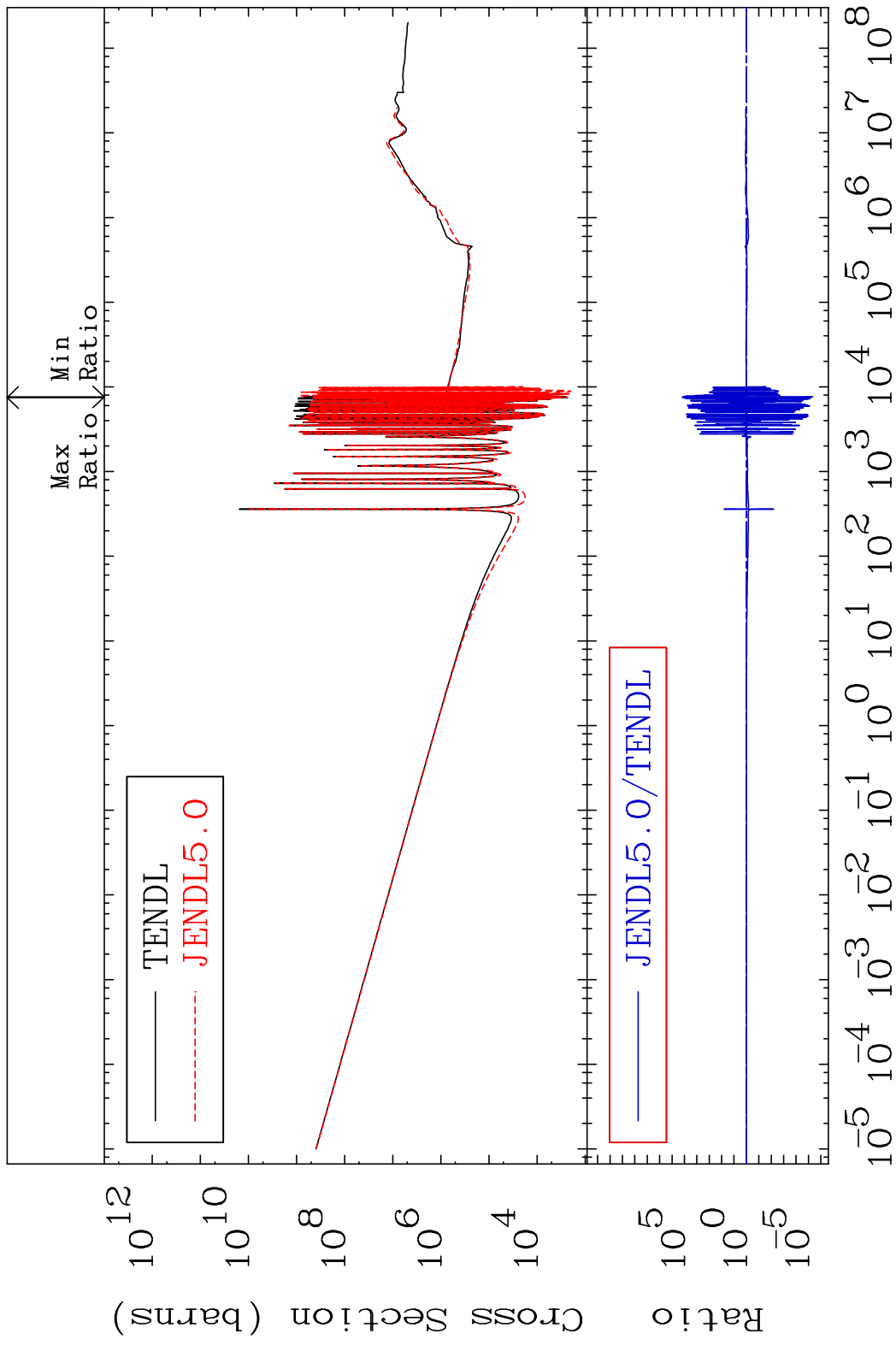
MAT 6037

Kerma capture (mt102) 60-Nd-146

Cross Section -100.0 To 9999. %

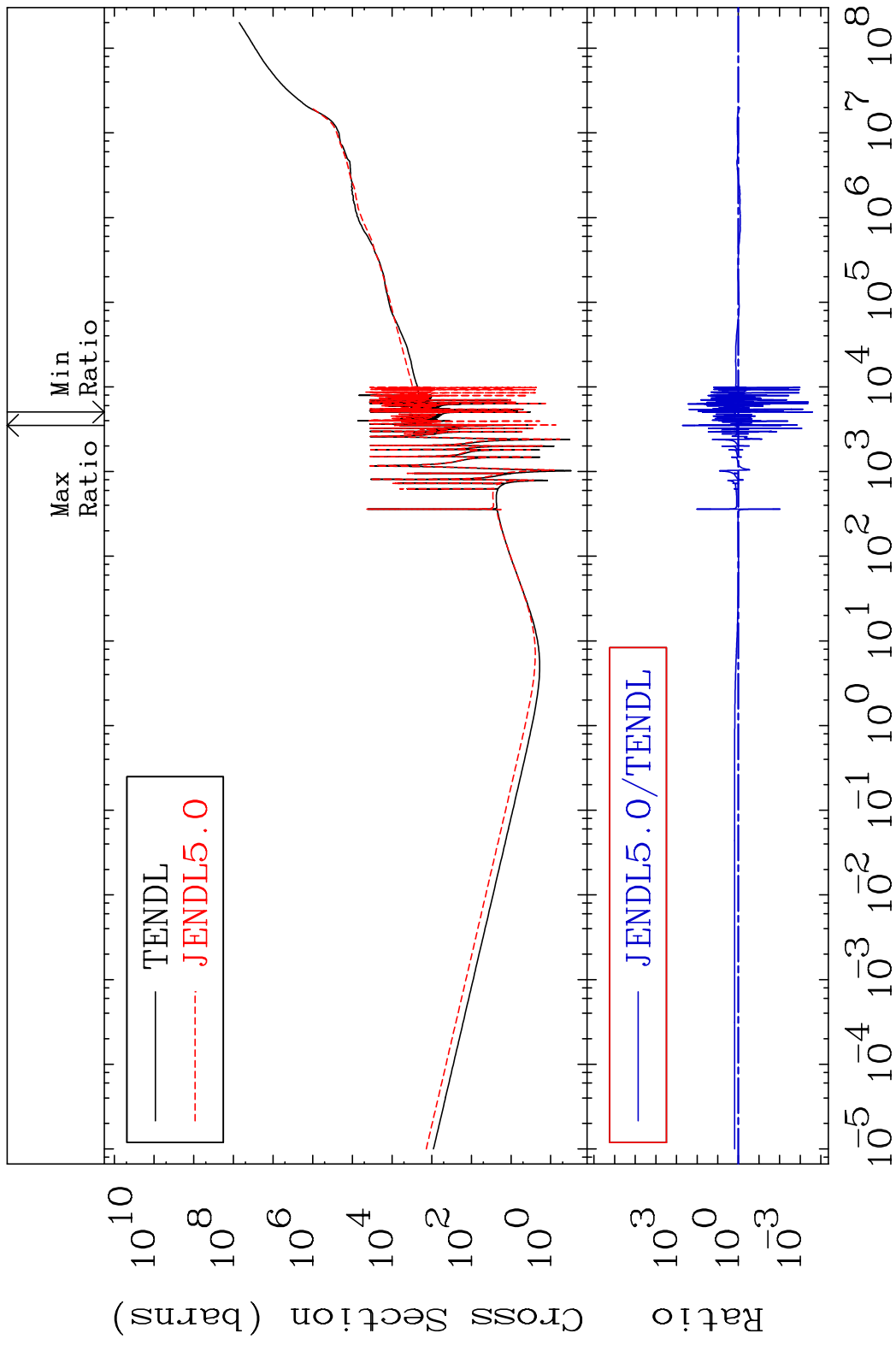


MAT 6037 Total photon (eV-barns) 60-Nd-146
Cross Section -100.0 To 9999. %

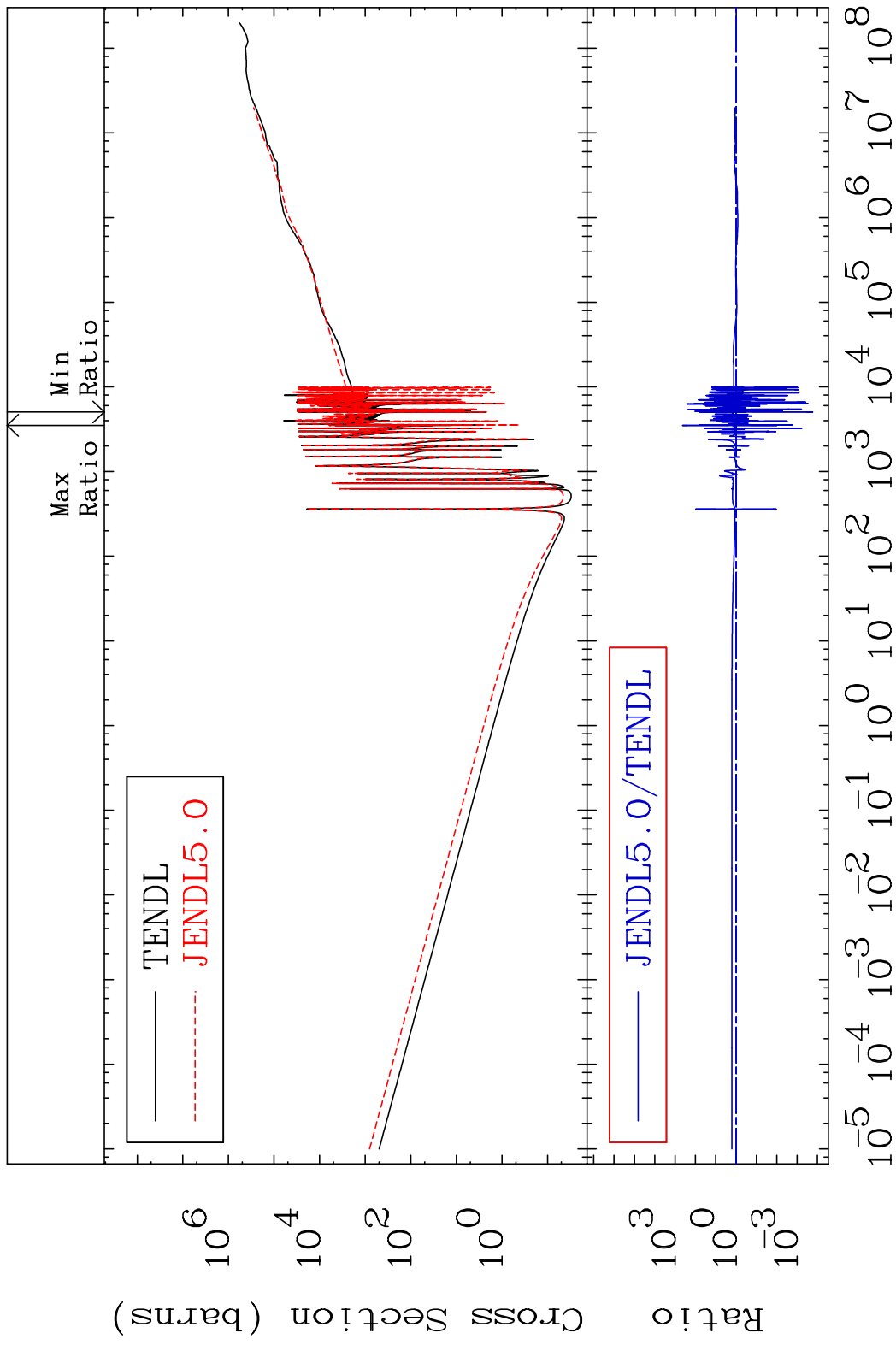


45 Incident Energy (eV) 60-Nd-146

MAT 6037 Total kinematic kerma (high limit) 60-Nd-146
 Cross Section -99.97 To 9999. %



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

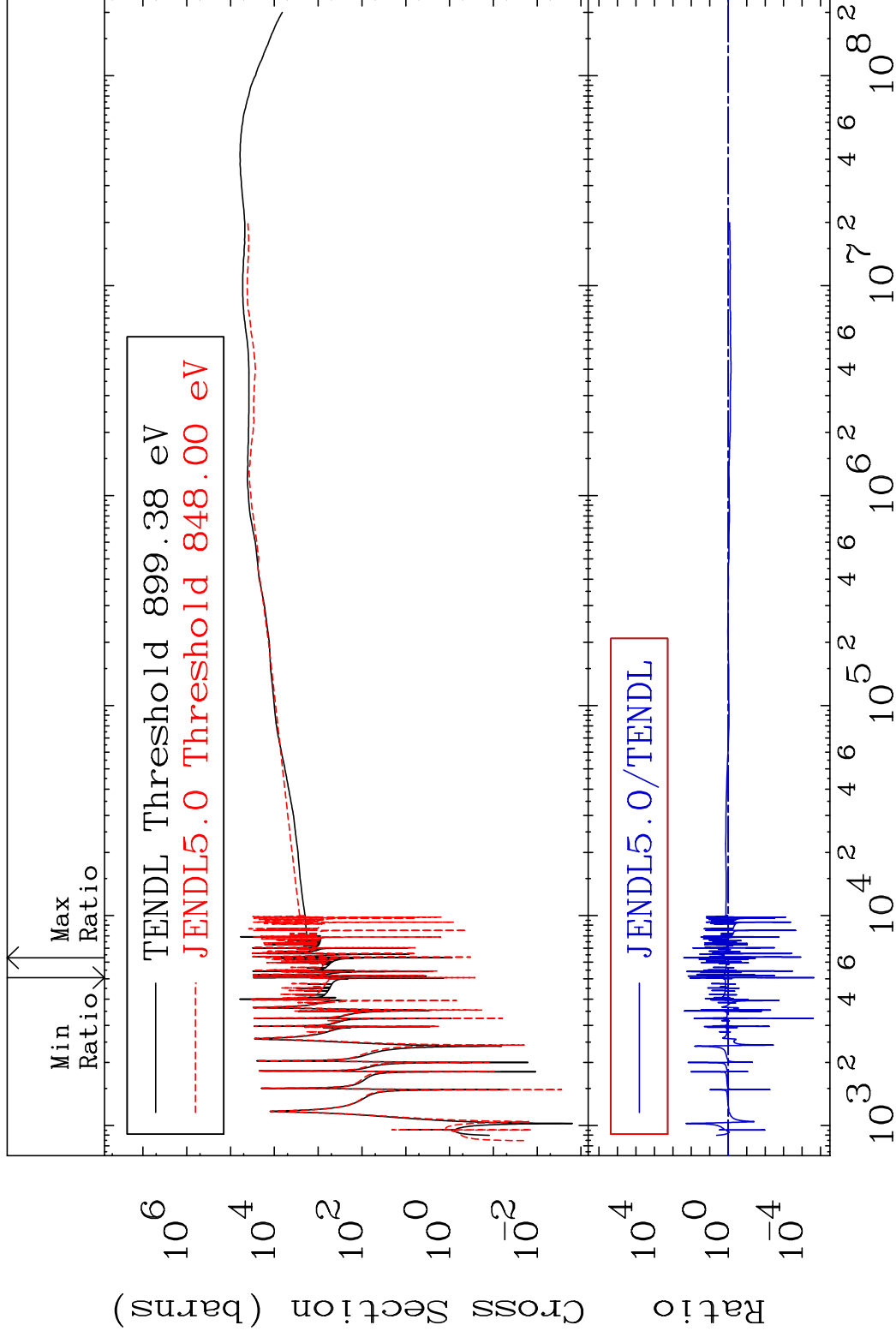


MAT 6037

Dpa elastic (mt2)

60-Nd-146

Cross Section -100.0 To 9999. %

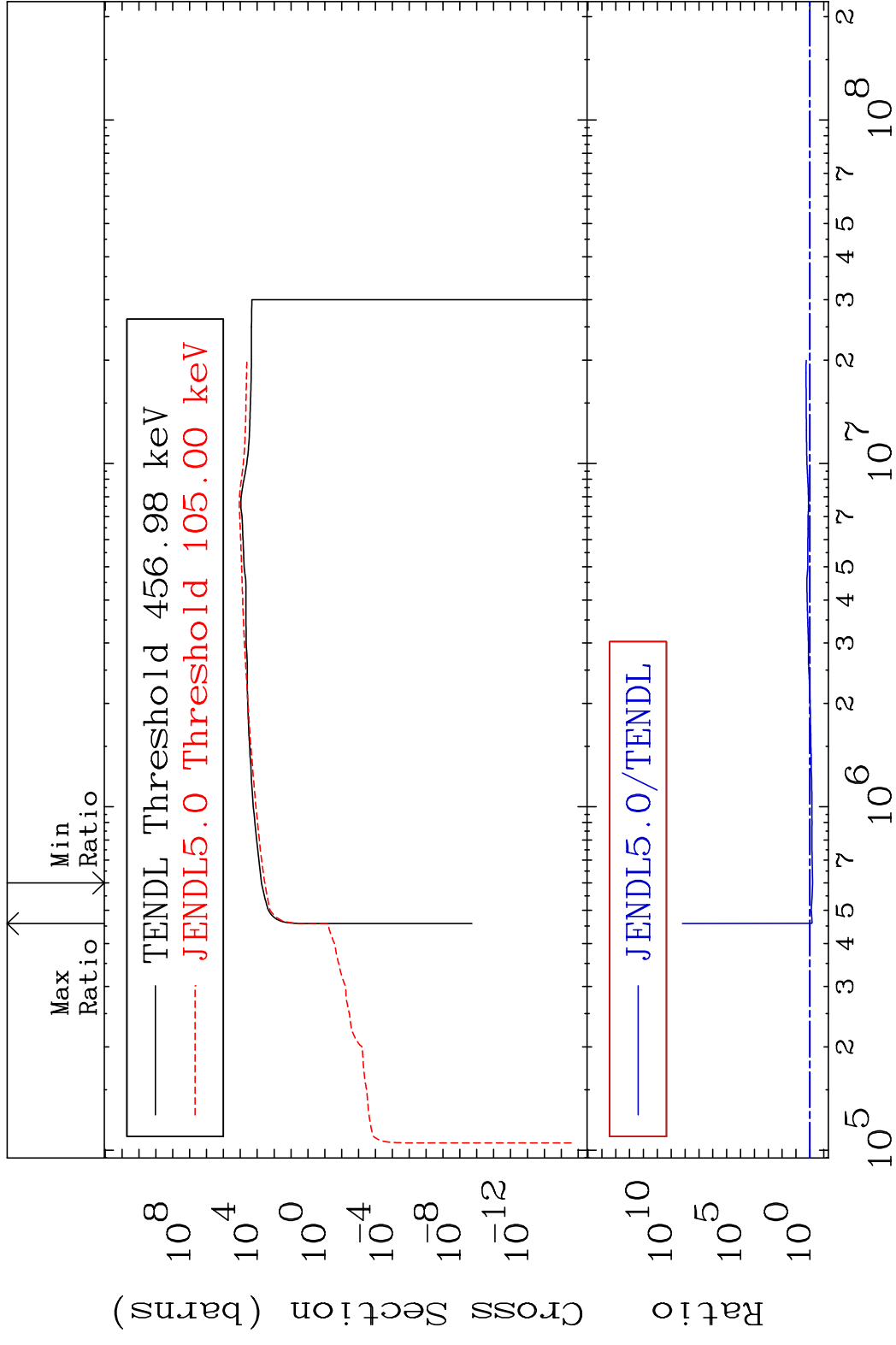


48

Incident Energy (eV)

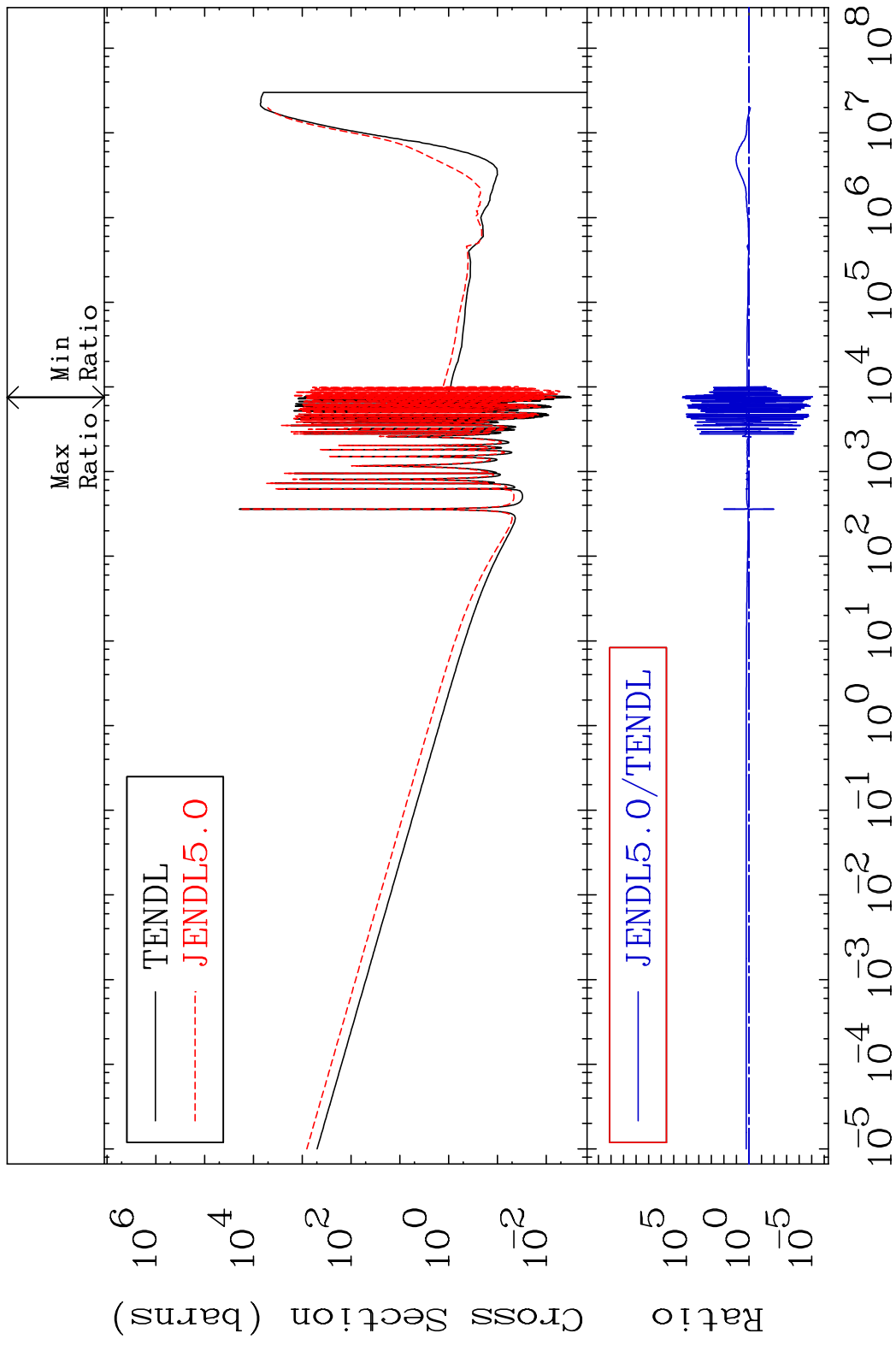
60-Nd-146

MAT 6037 Dpa inelastic (mt51-91) 60-Nd-146
 Cross Section -35.92 To 9999. %



49 Incident Energy (eV) 60-Nd-146

MAT 6037 Dpa disappearance (mt102 -120) 60-Nd-146
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 60-Nd-146

