

Program Complot
(Version 2021-1)

by

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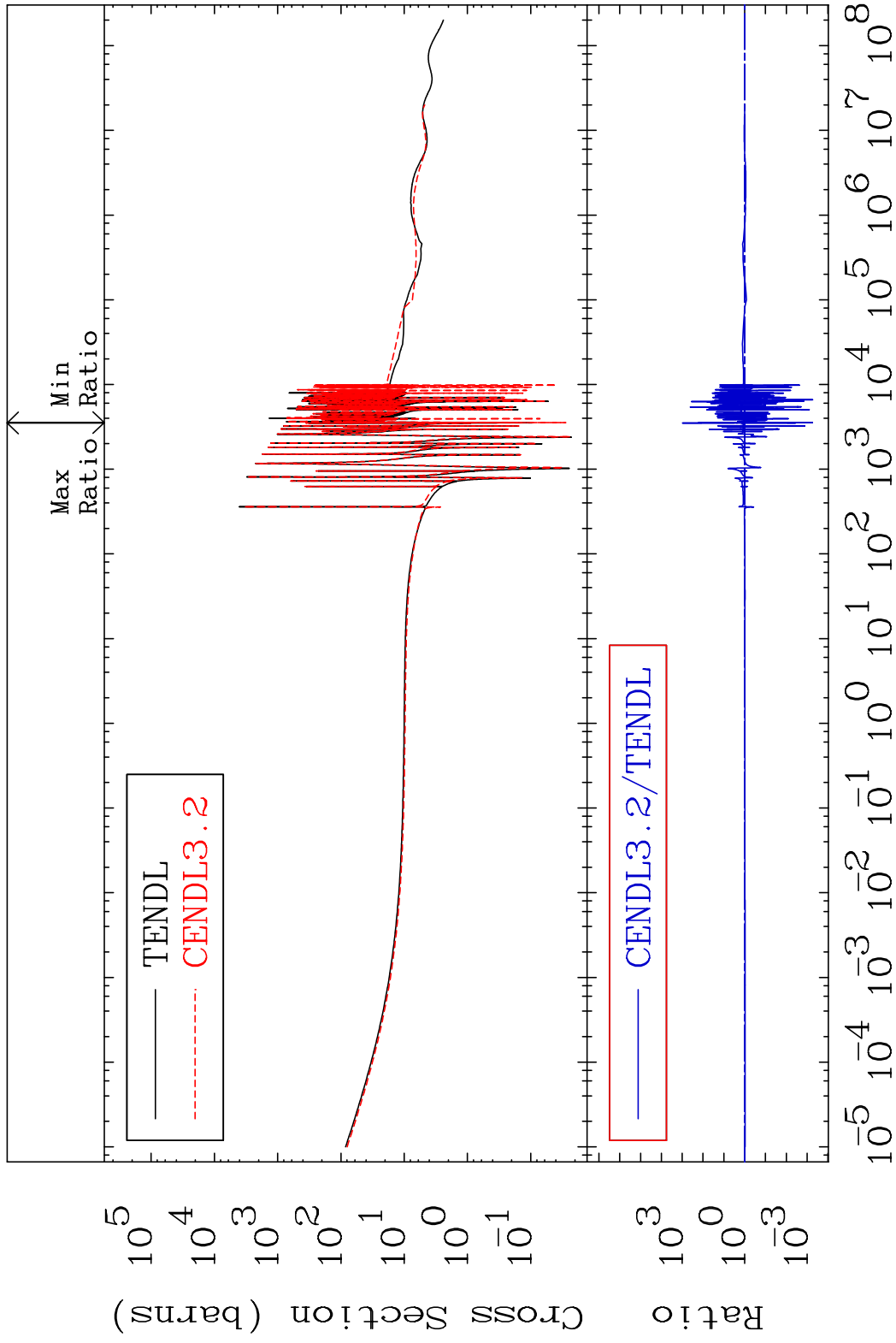
Press Mouse Button to Start

MAT 6037

Total

60-Nd-146

Cross Section -99.95 To 9999. %



1

Incident Energy (eV)

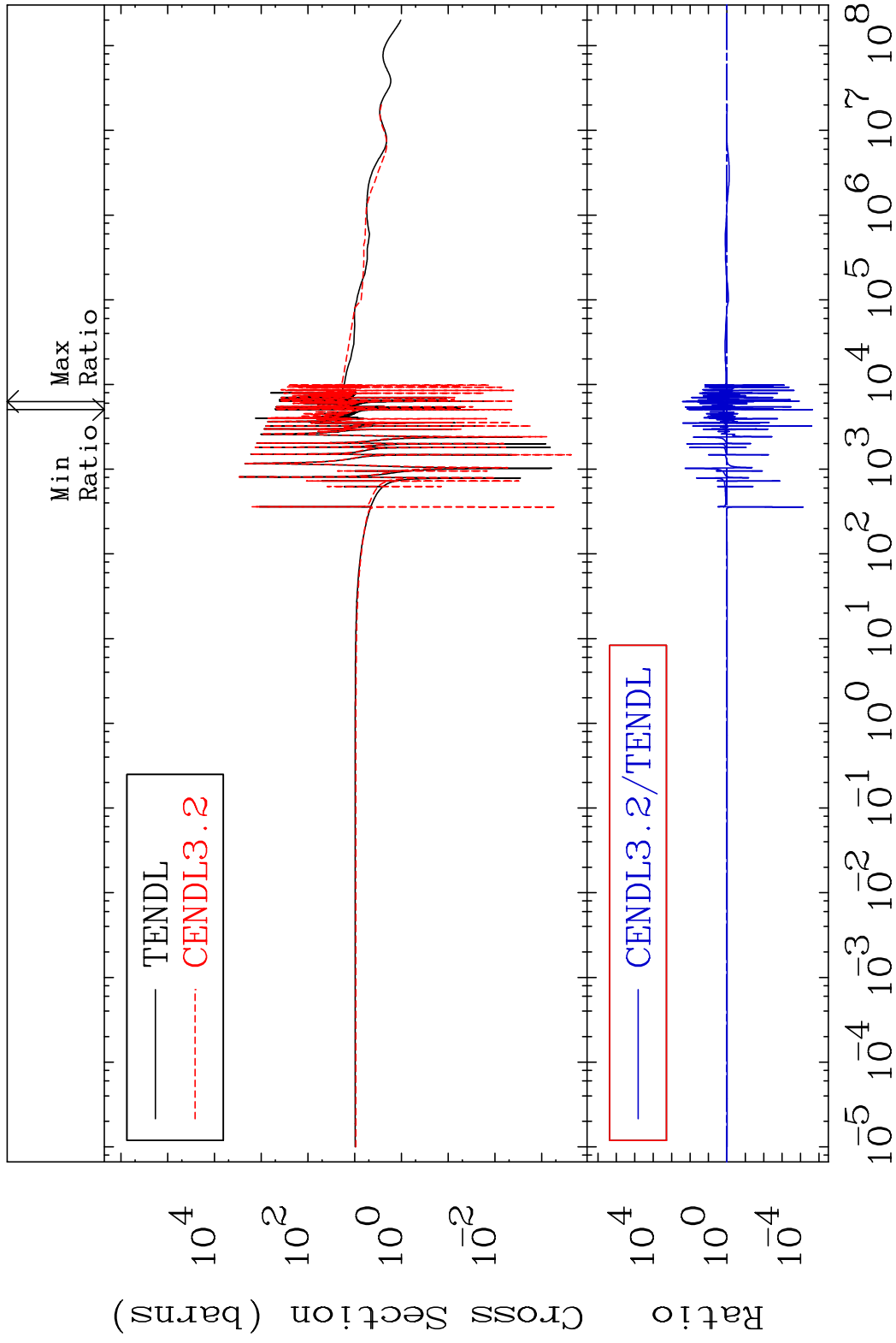
60-Nd-146

MAT 6037

Elastic

60-Nd-146

Cross Section -100.0 To 9999. %

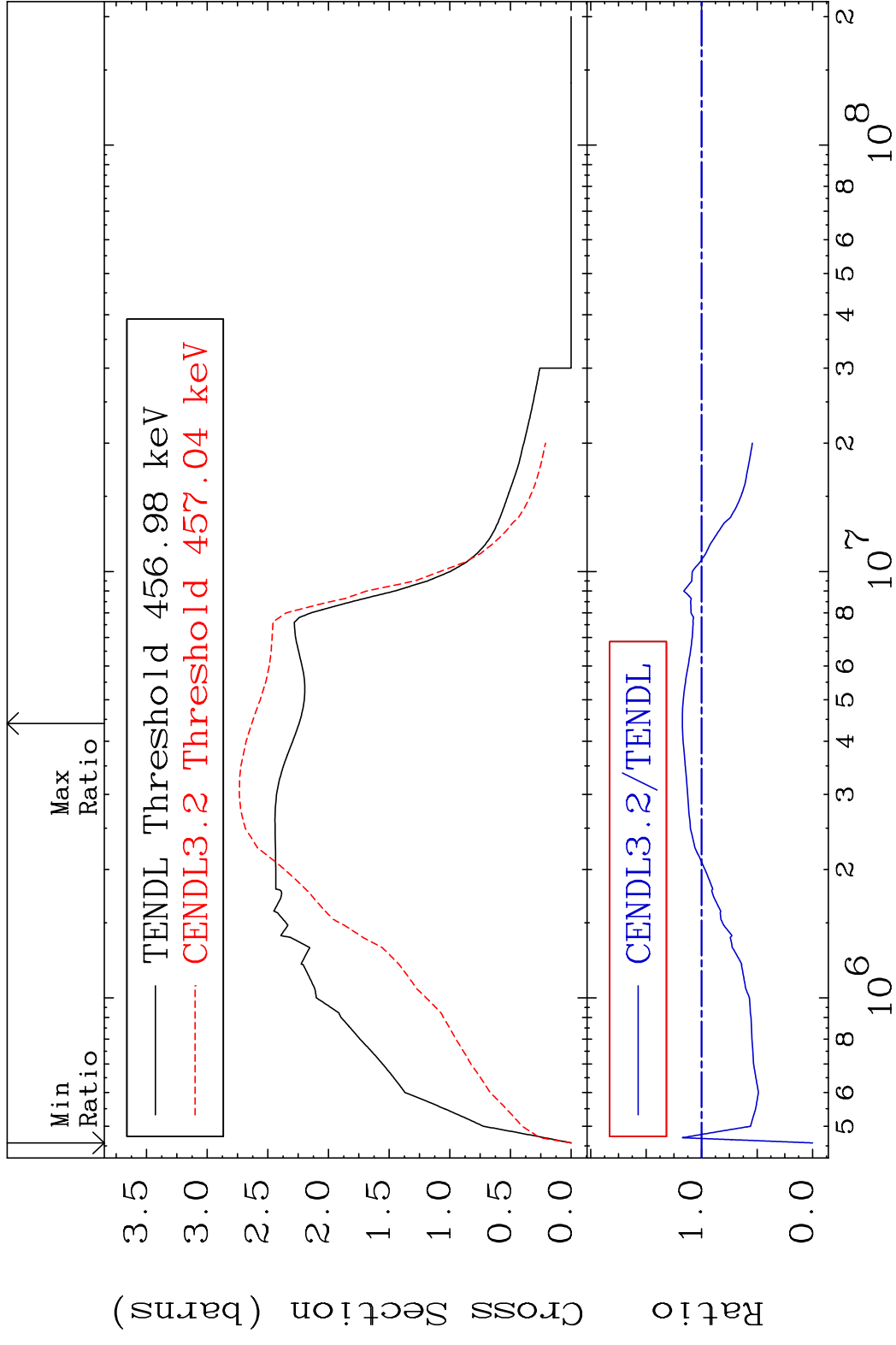


2

Incident Energy (eV)

60-Nd-146

MAT 6037 Inelastic 60-Nd-146
 Cross Section -100.0 To 17.38 %

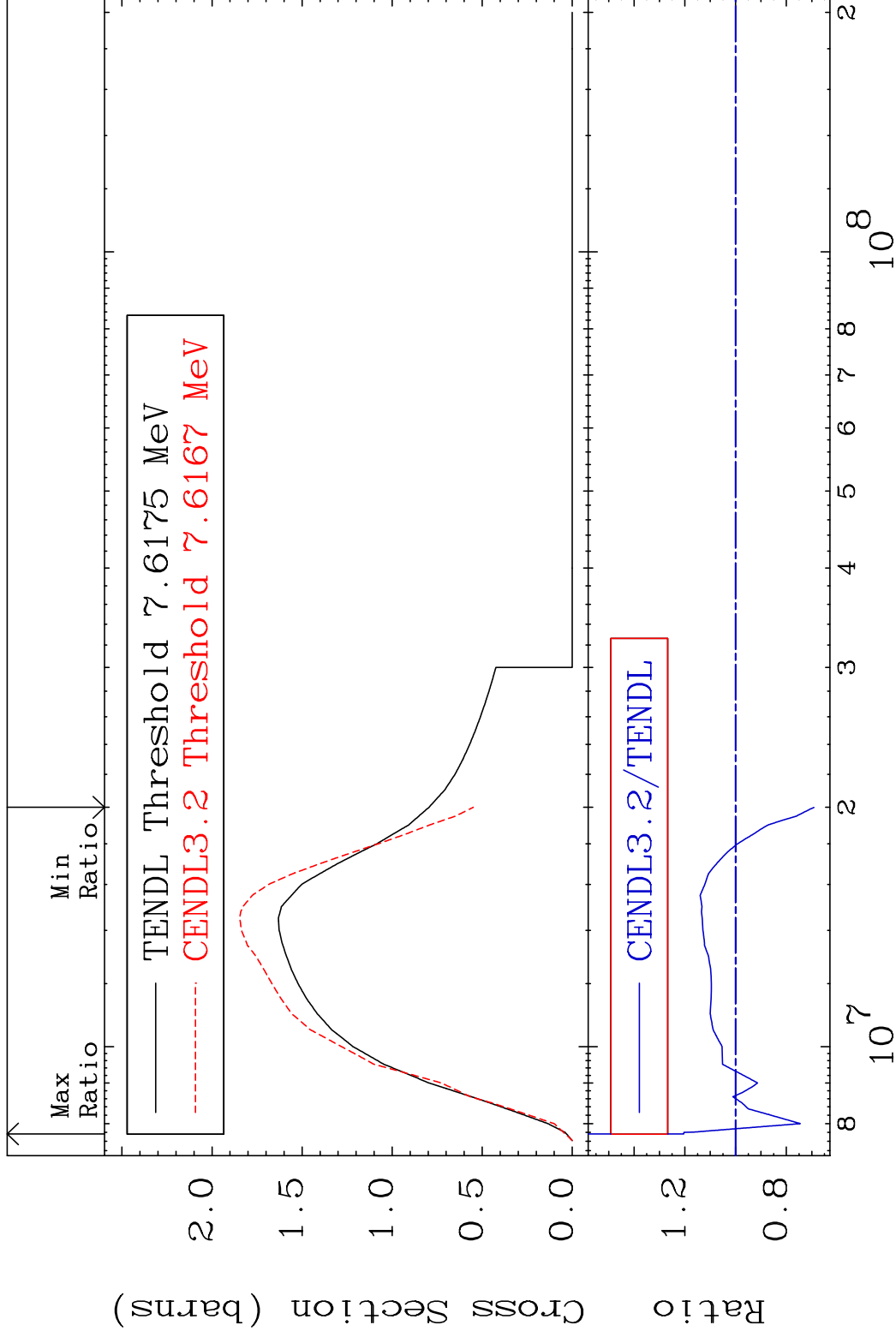


MAT 6037

(n,2n)

60-Nd-146

Cross Section -30.92 To 20.46 %



4

Incident Energy (eV)

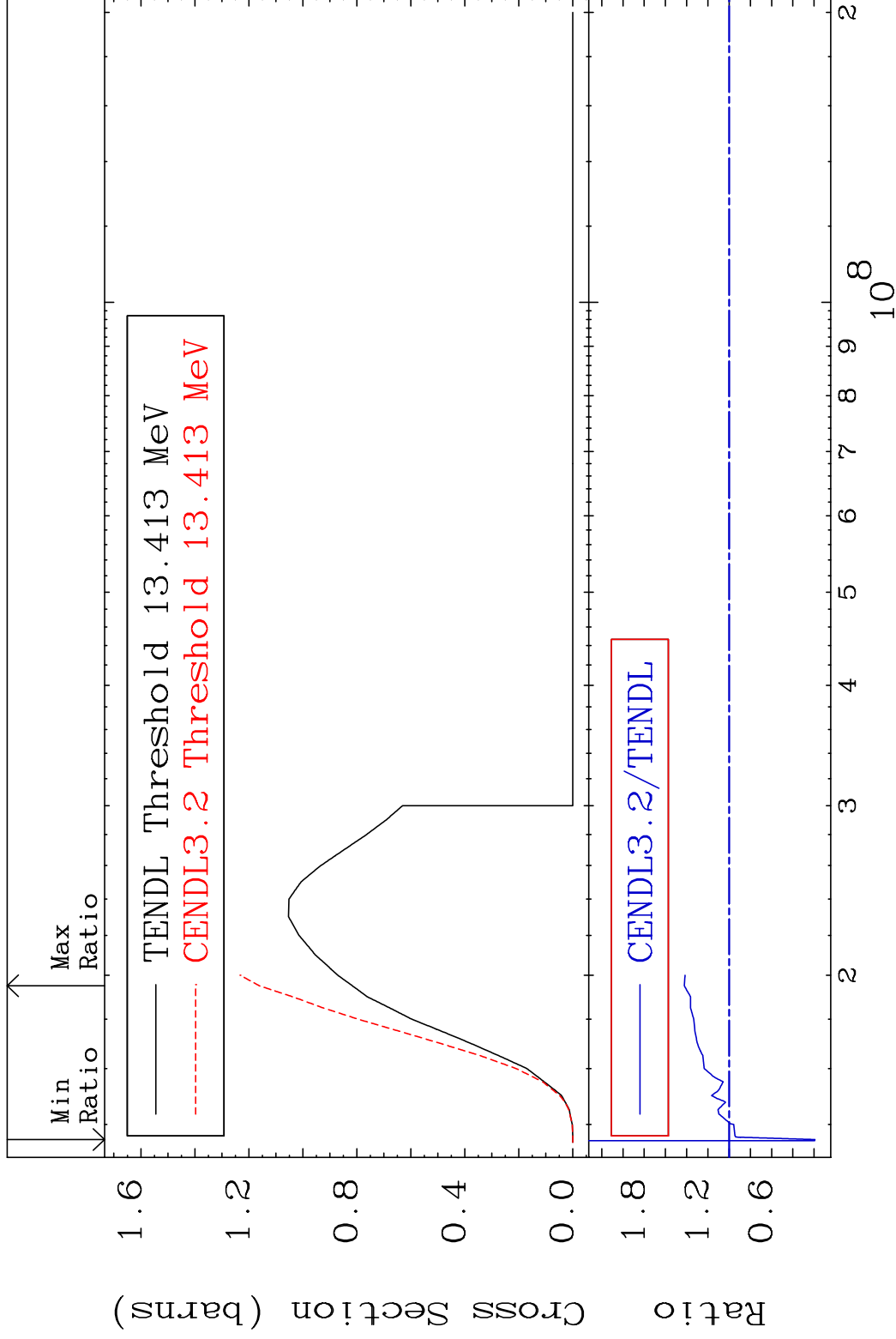
60-Nd-146

MAT 6037

(n,3n)

60-Nd-146

Cross Section -80.75 To 42.23 %



5

Incident Energy (eV)

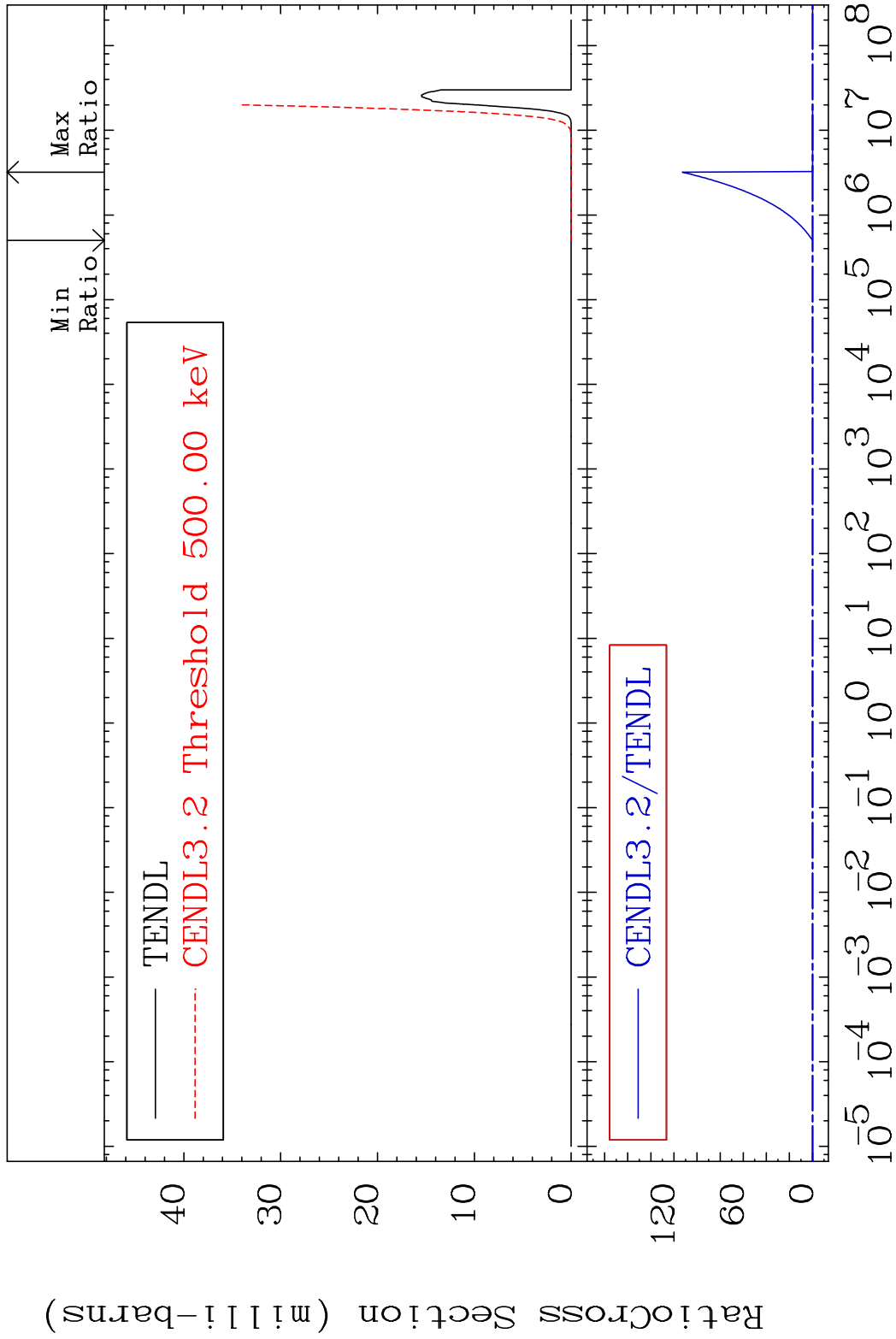
60-Nd-146

MAT 6037

(n, n') α

60-Nd-146

Cross Section -100.0 To 9999. %

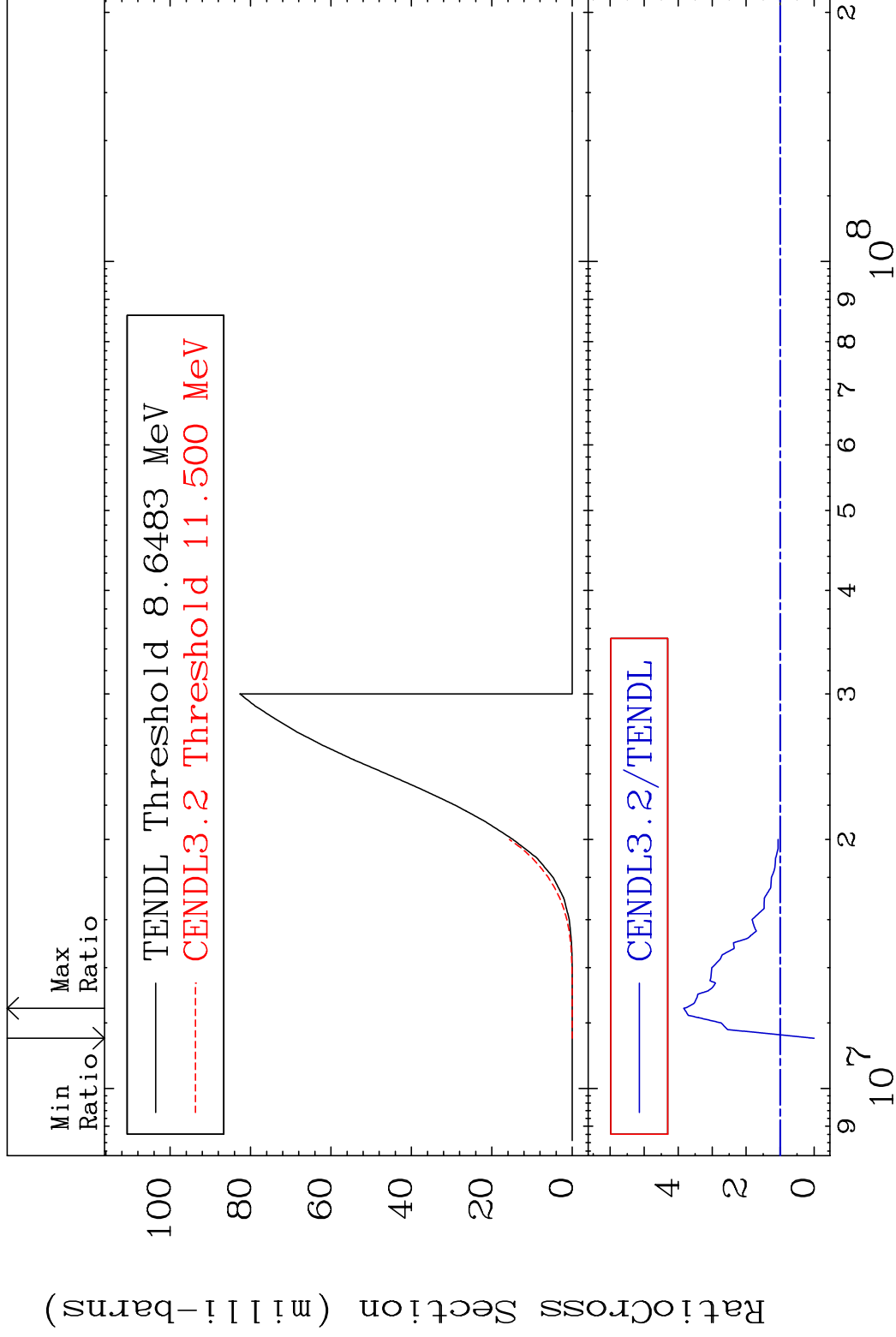


MAT 6037

(n, n') p

60-Nd-146

Cross Section -100.0 To 283.9 %

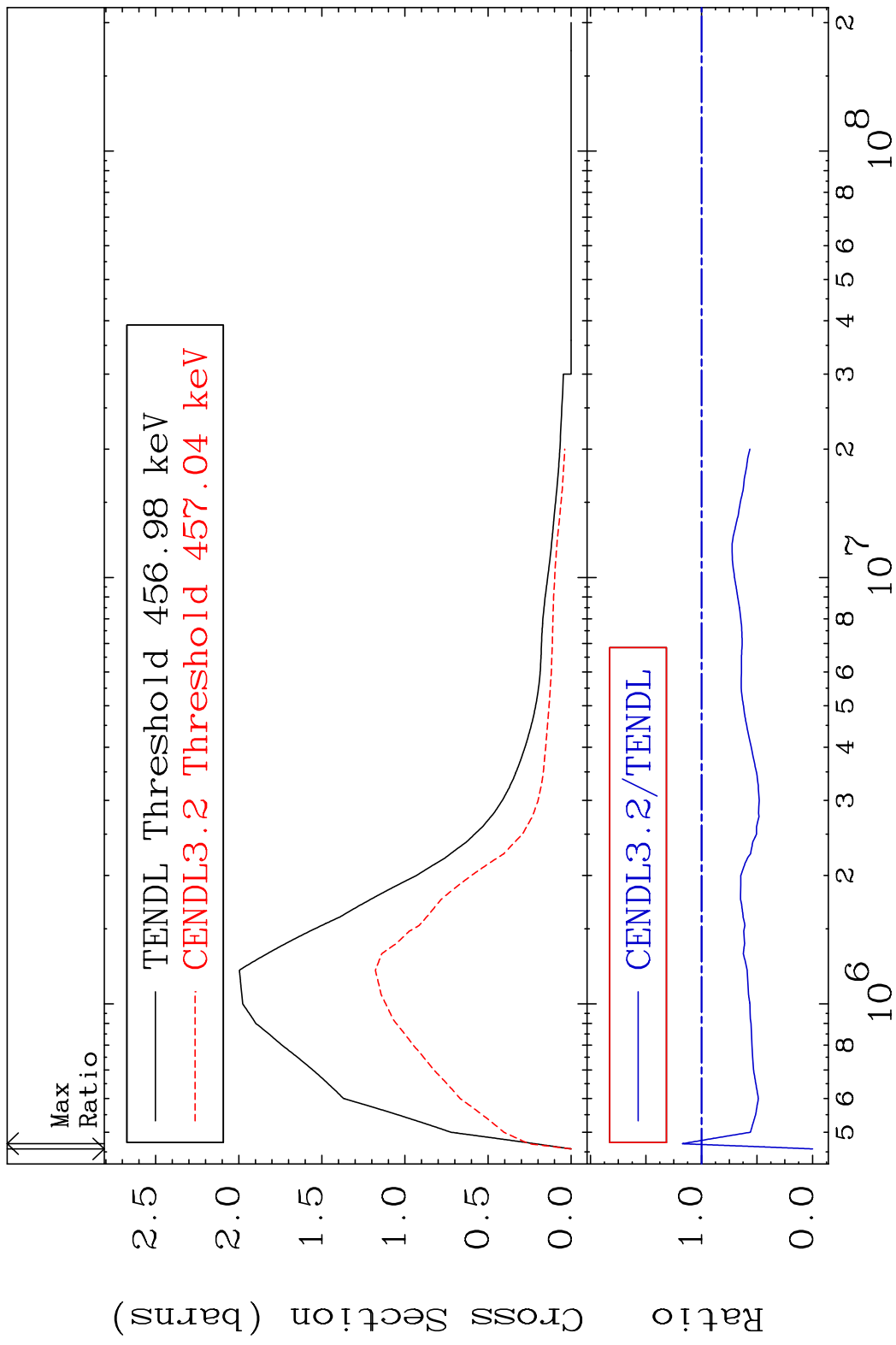


7

Incident Energy (eV)

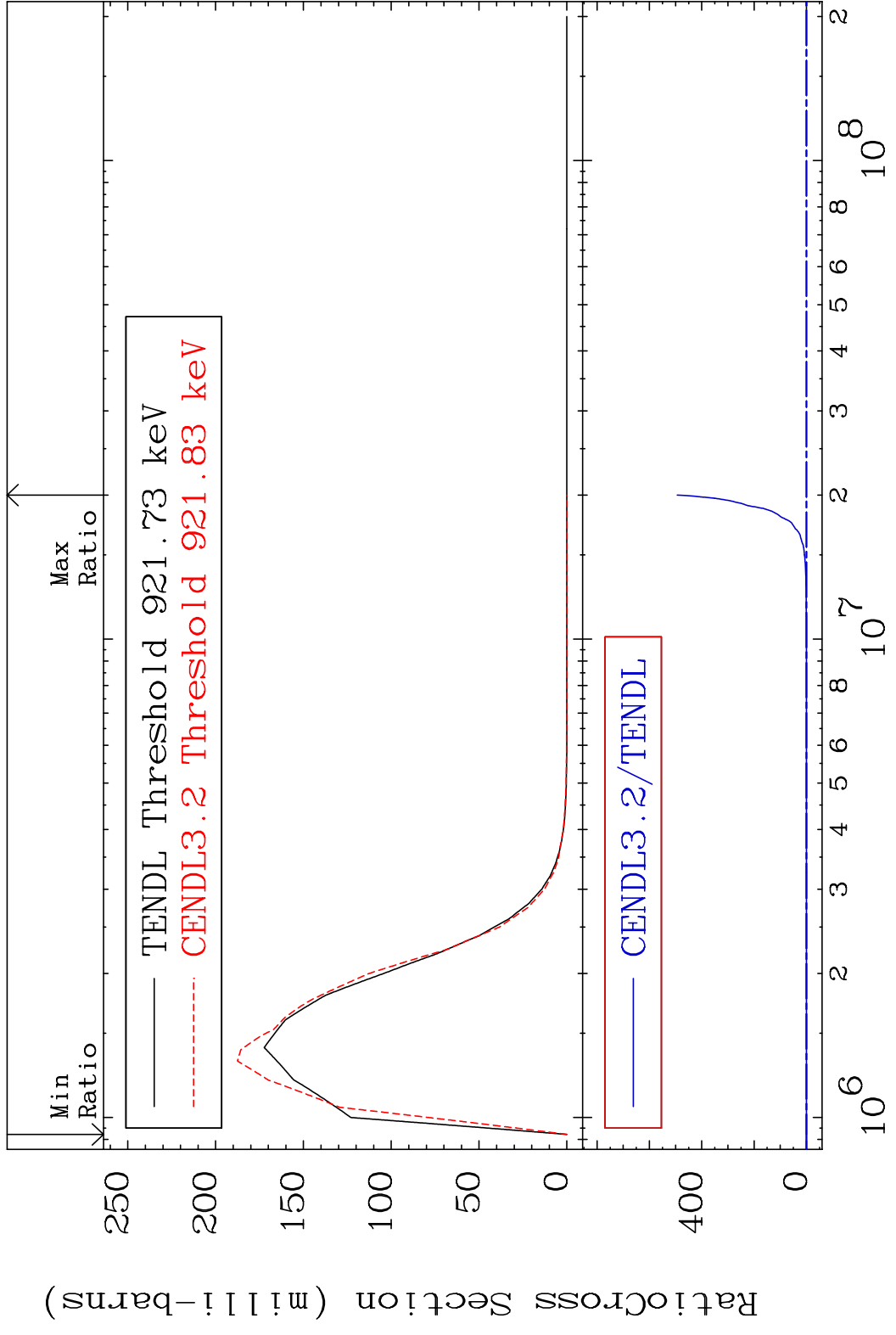
60-Nd-146

MAT 6037 MT= 51 (n,n') Level 60-Nd-146
 Cross Section -100.0 To 17.26 %



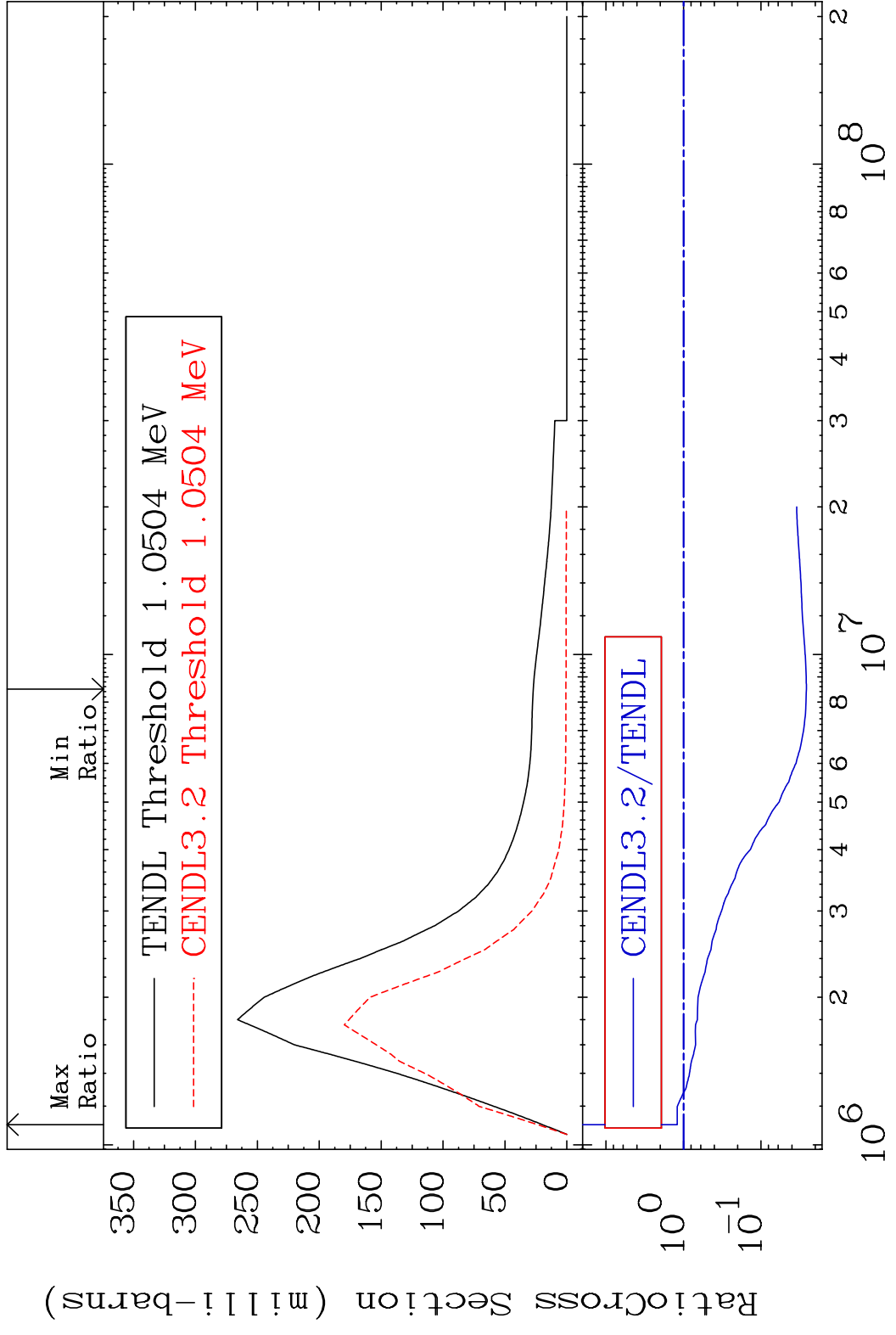
8 Incident Energy (eV) 60-Nd-146

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



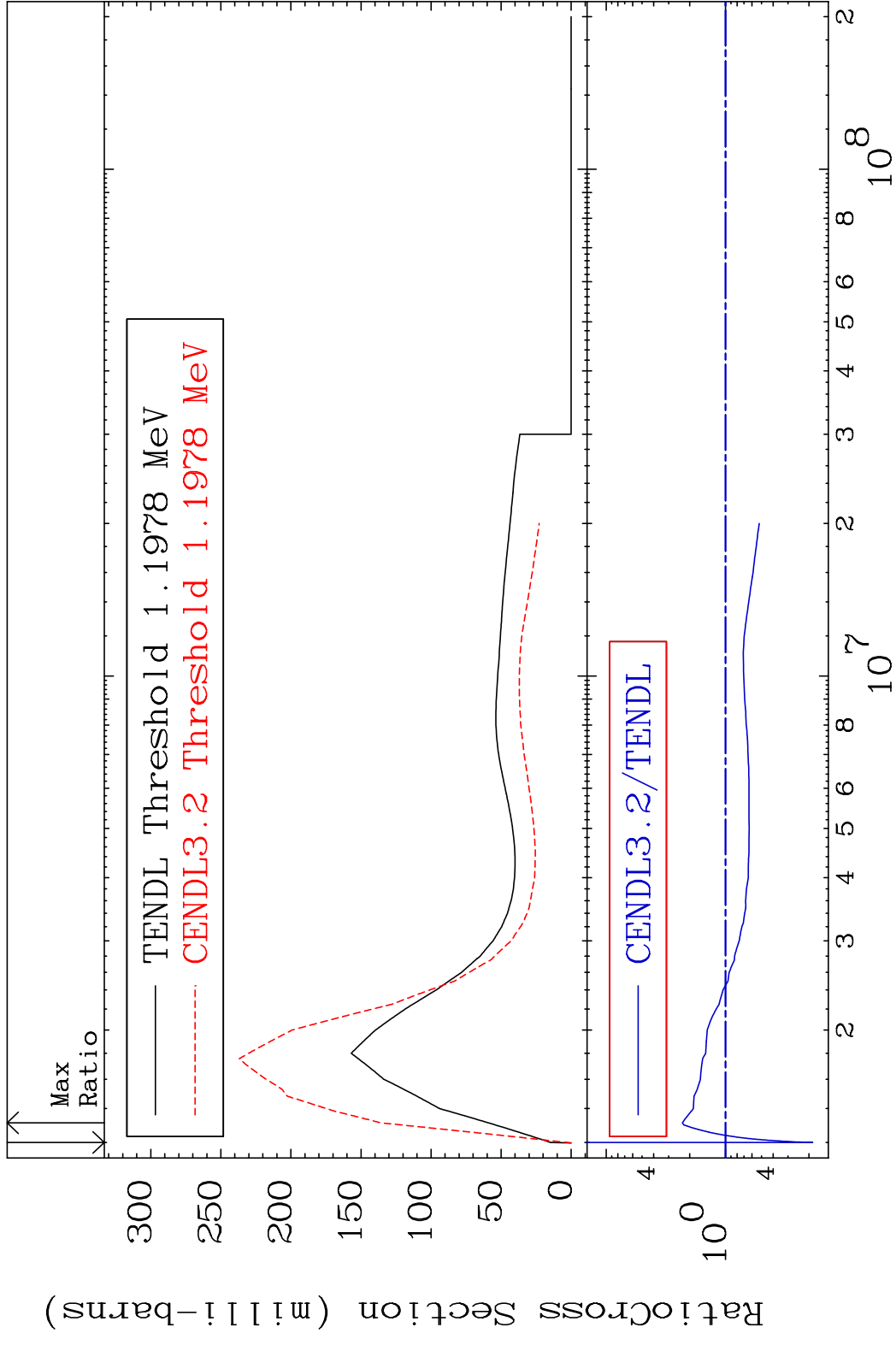
9 Incident Energy (eV) 60-Nd-146

MAT 6037 MT= 53 (n, n') Level 60-Nd-146
 Cross Section -97.40 To 20.63 %

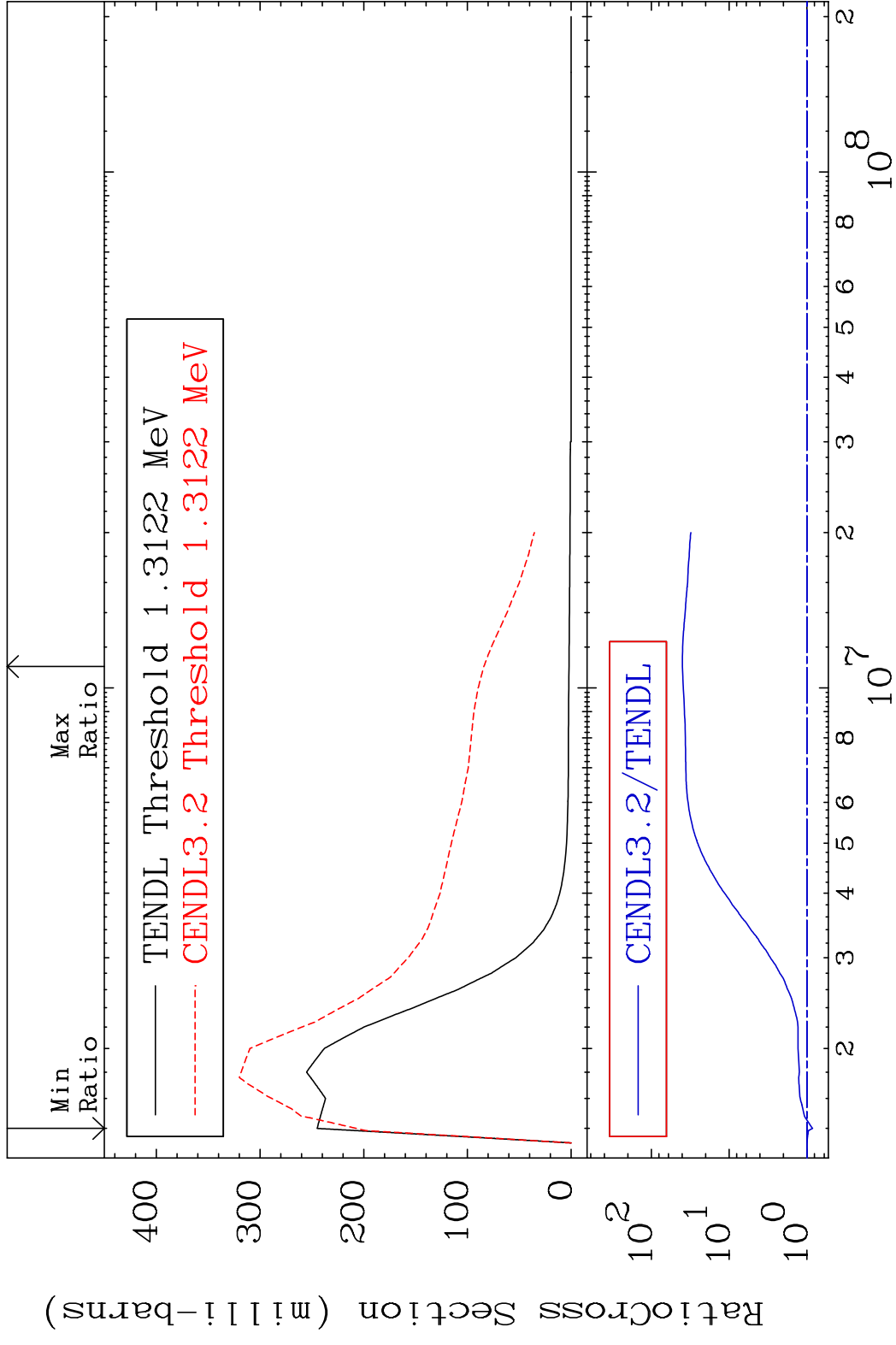


10 10 8 8 60-Nd-146

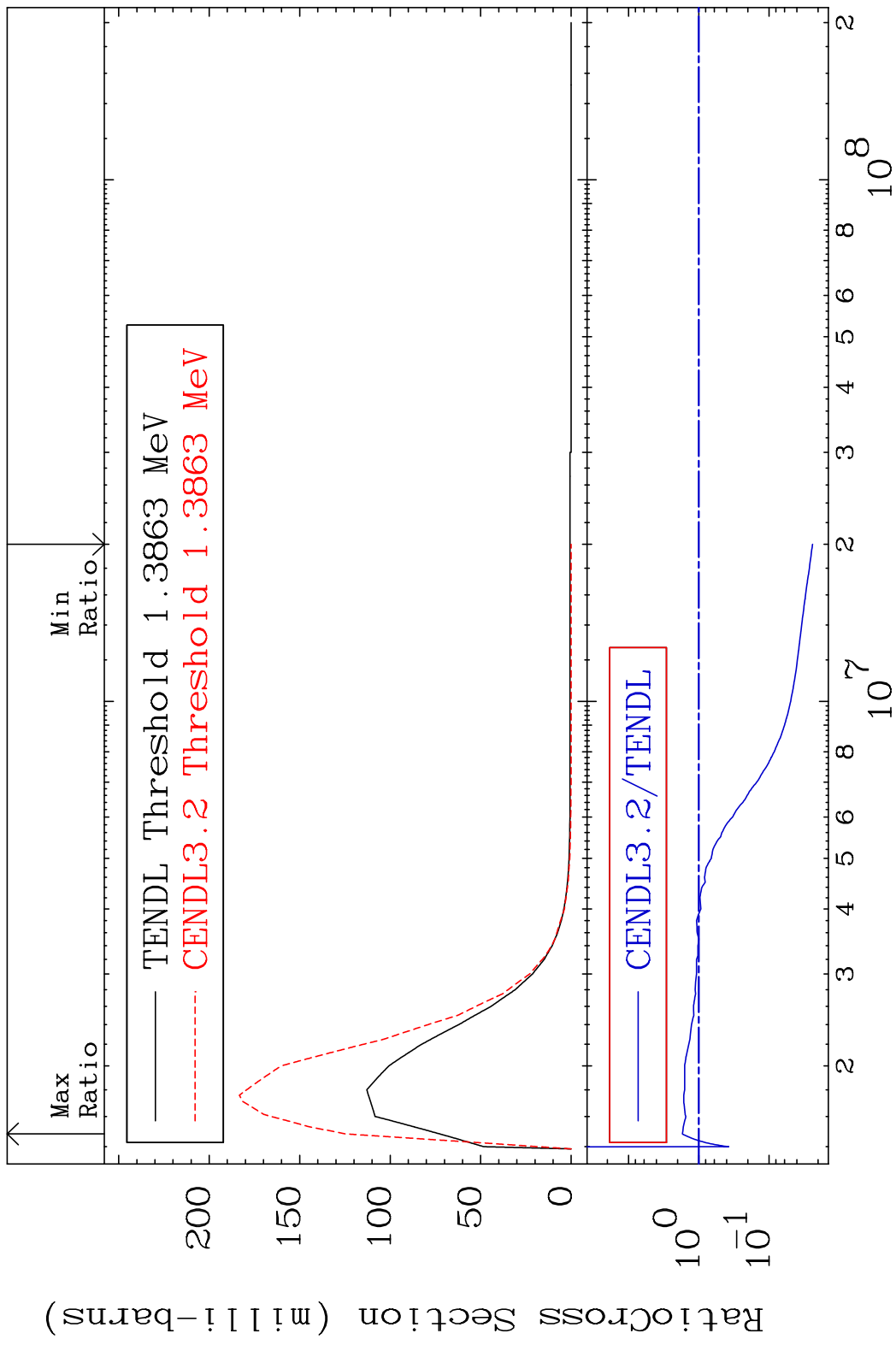
MAT 6037 MT= 54 (n,n') Level 60-Nd-146
 Cross Section -81.33 To 130.1 %



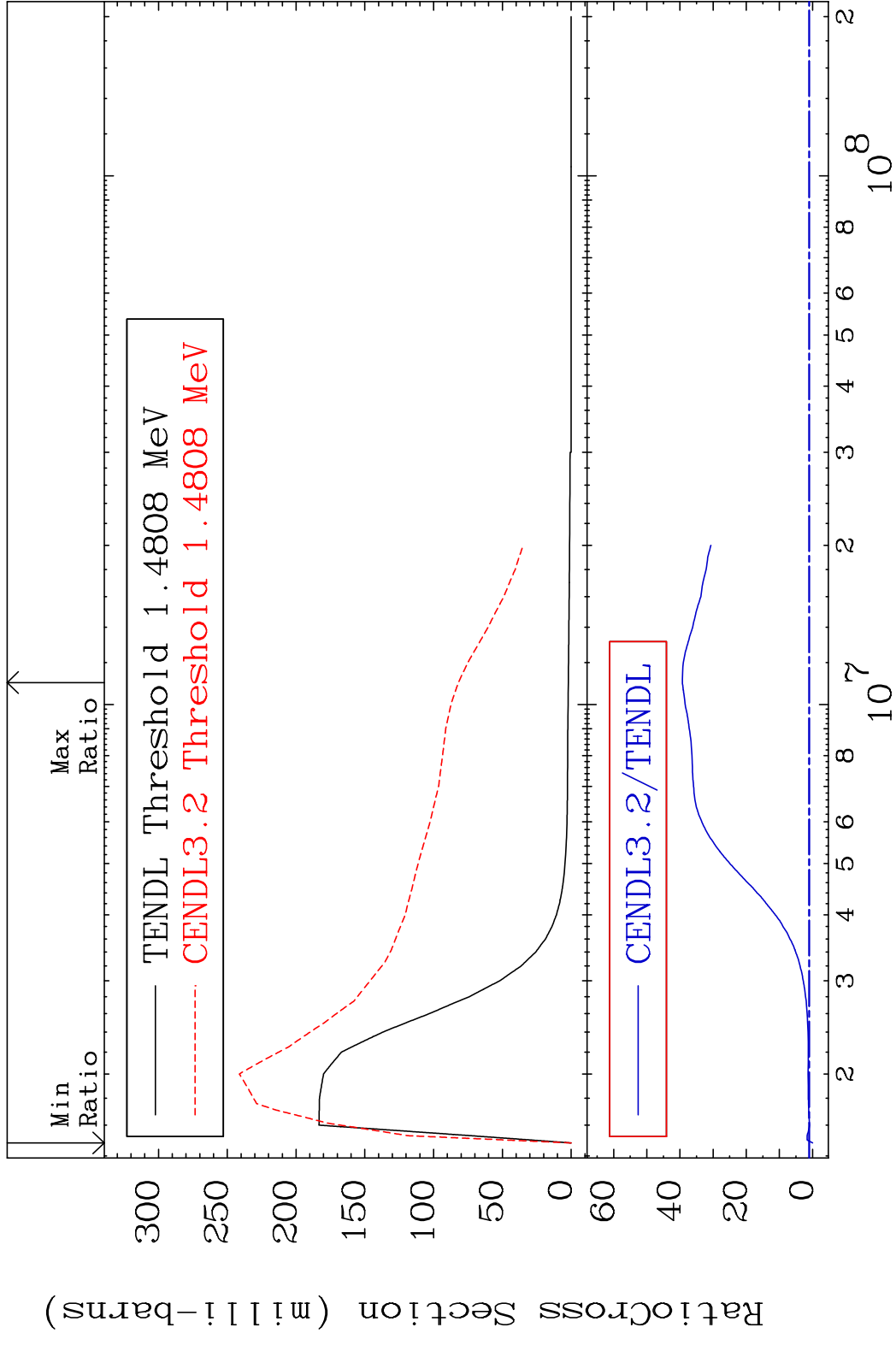
MAT 6037 MT= 55 (n, n') Level 60-Nd-146
 Cross Section -15.47 To 3885. %



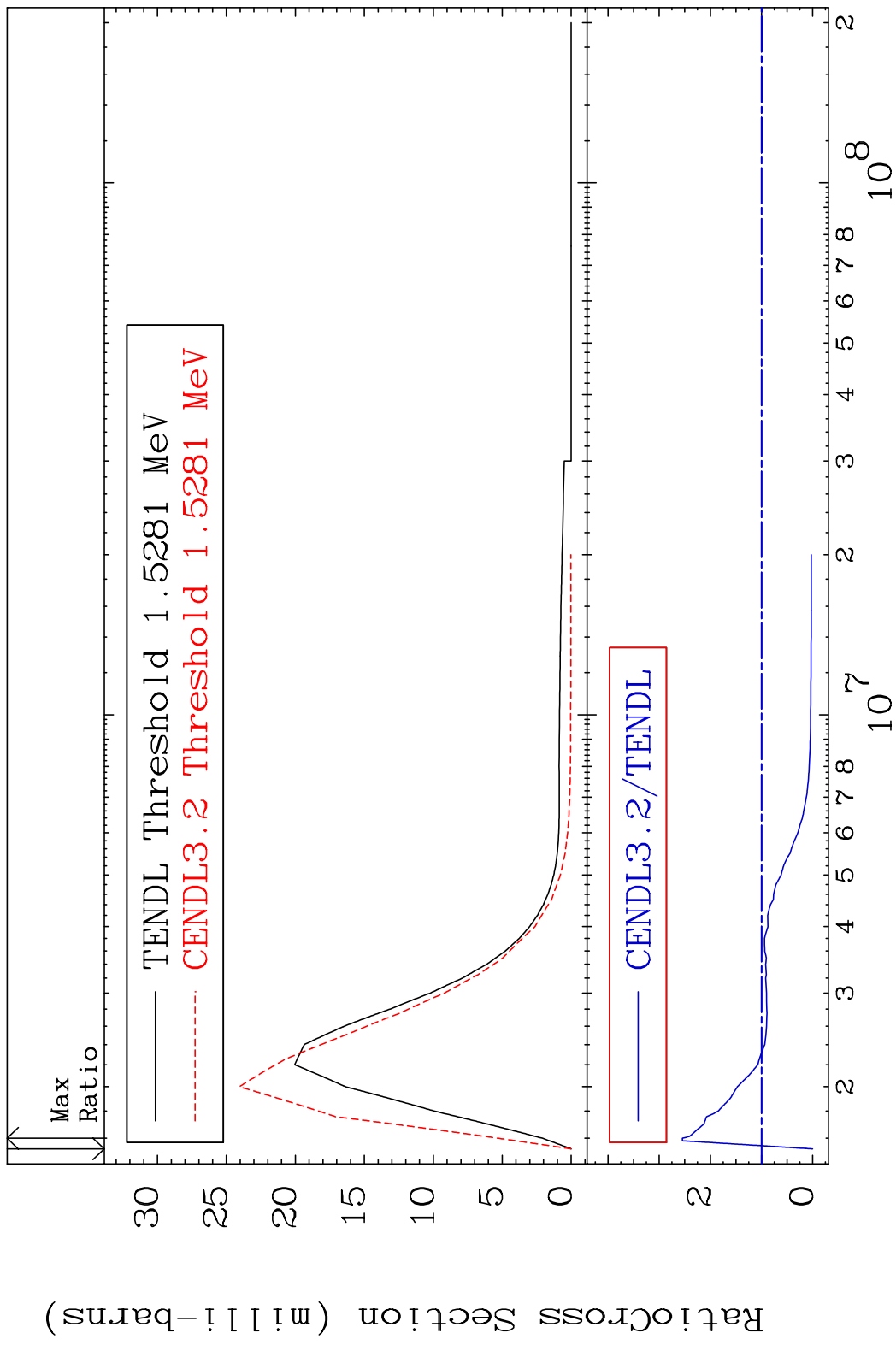
MAT 6037 MT= 56 (n, n') Level 60-Nd-146
 Cross Section -97.60 To 71.30 %



MAT 6037 MT= 57 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 3828. %

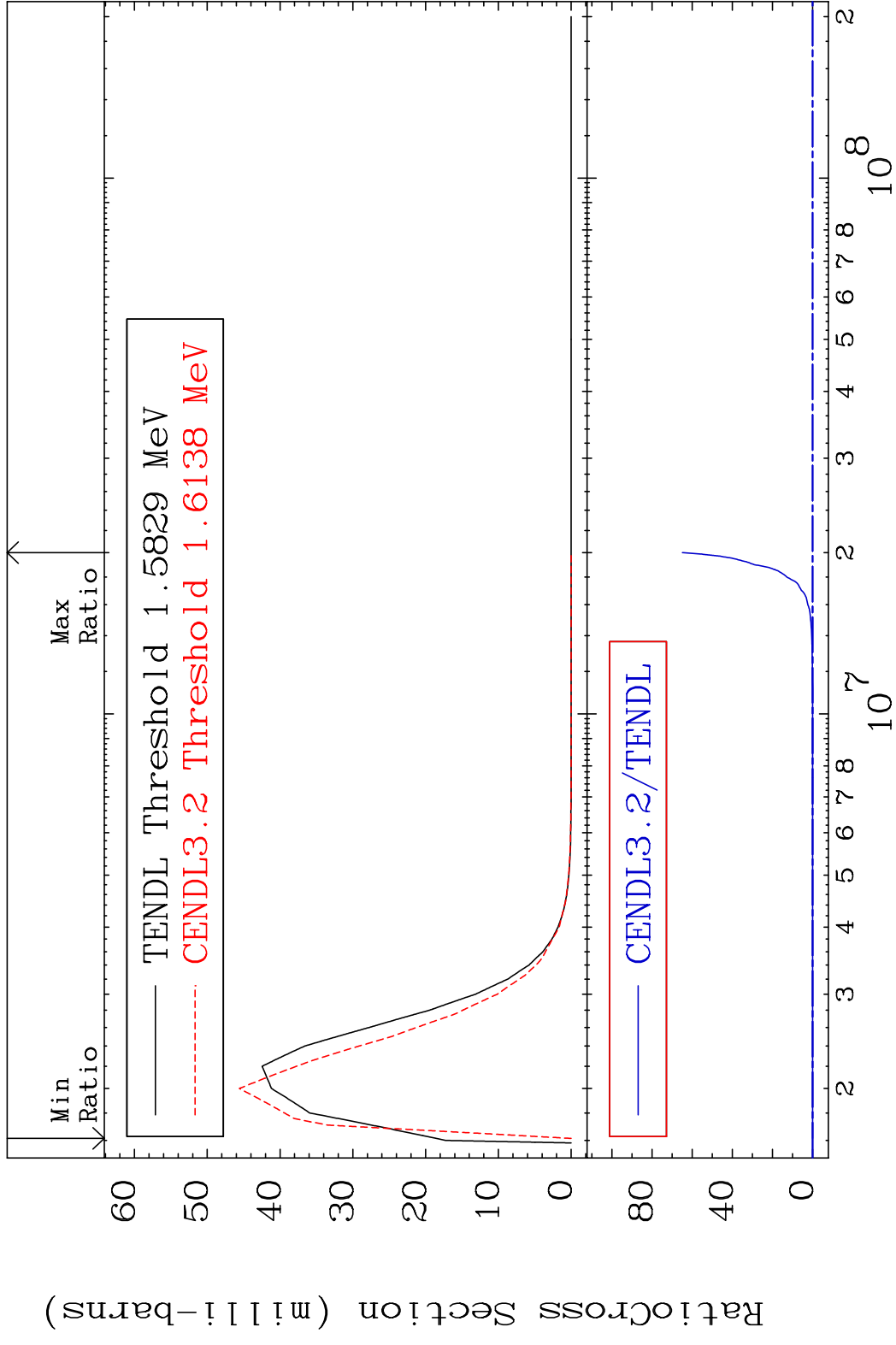


MAT 6037 MT= 58 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 154.7 %

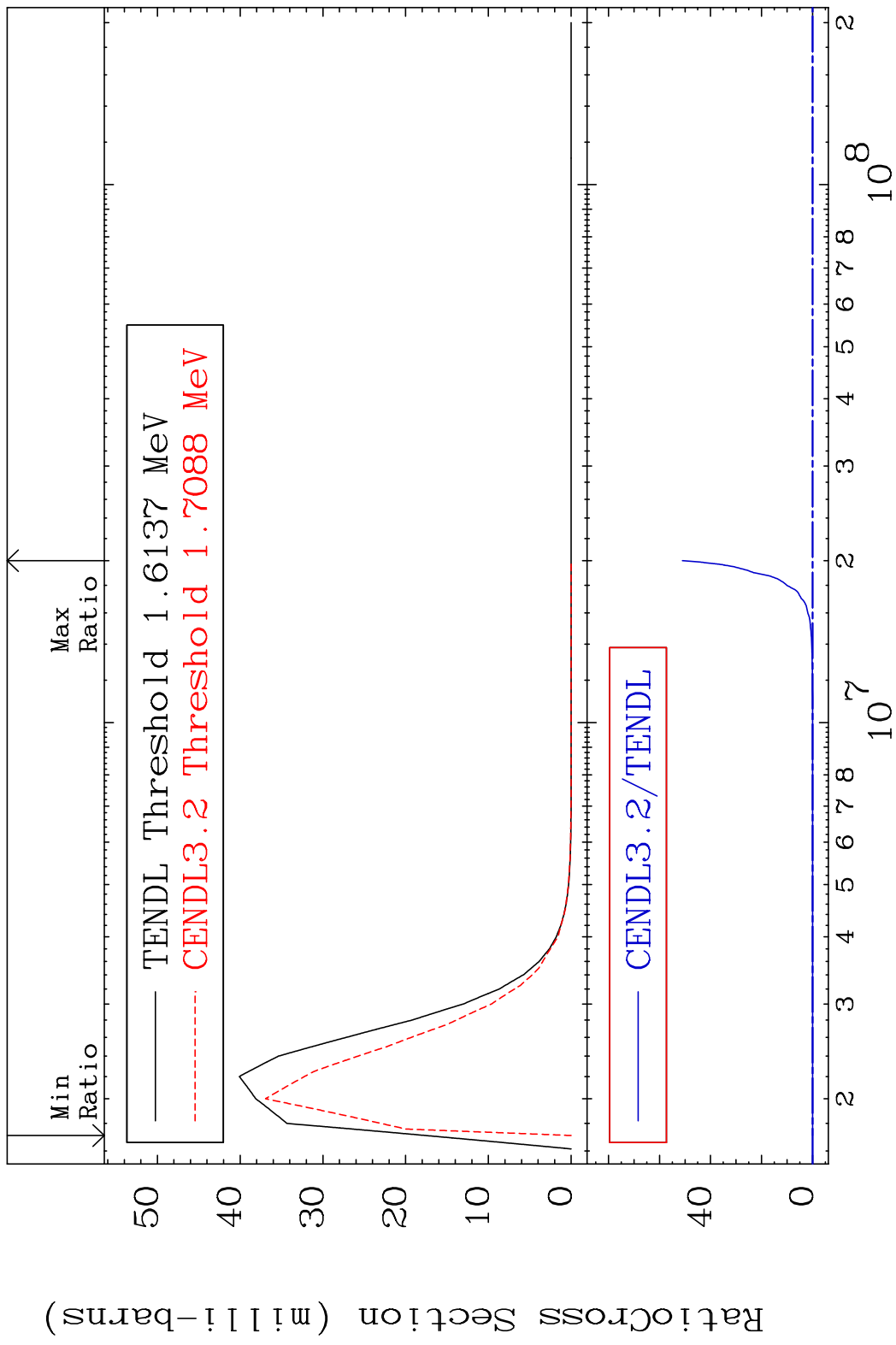


15 154.7 % 60-Nd-146

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

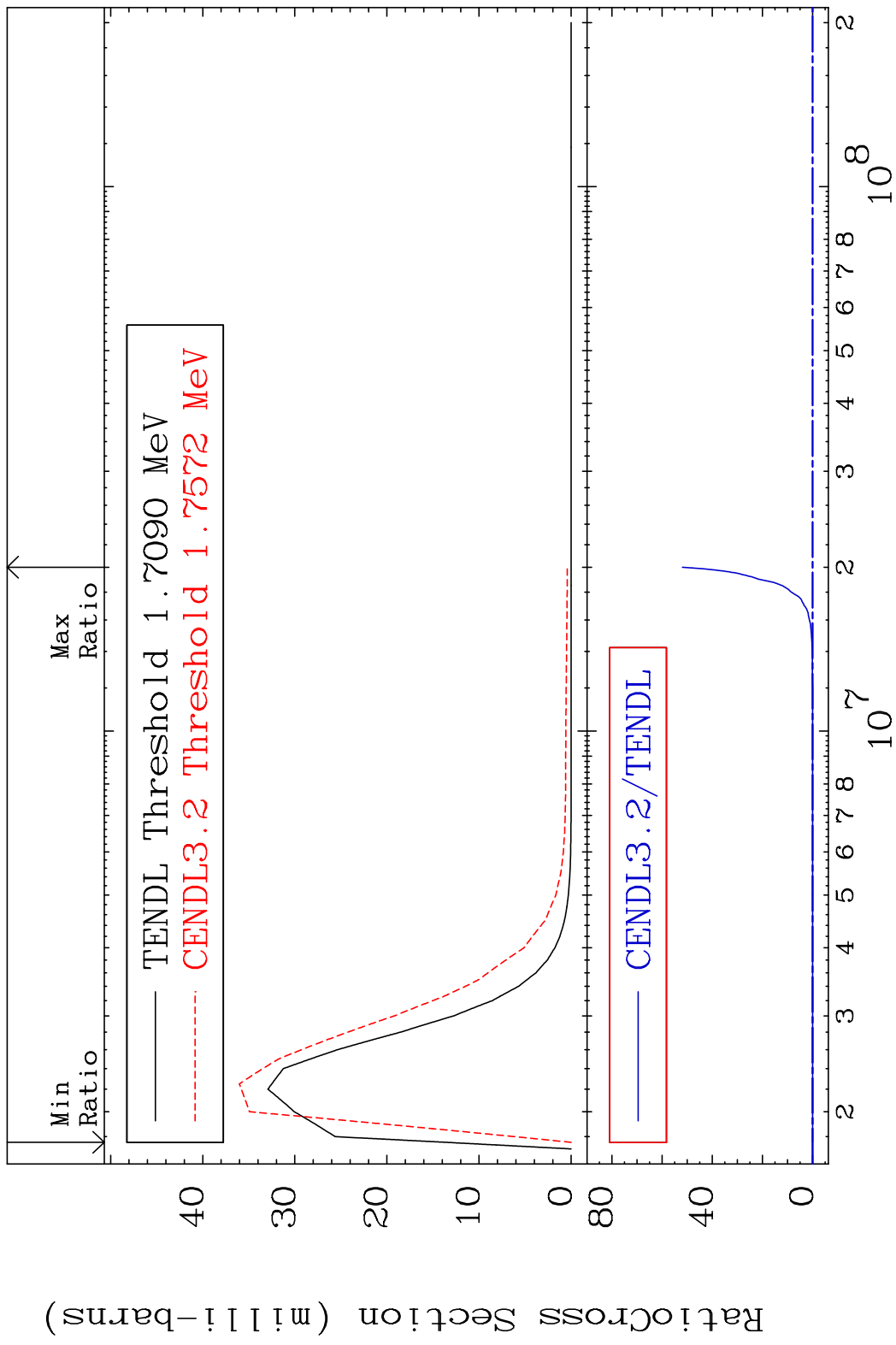


MAT 6037 MT= 60 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 9999. %



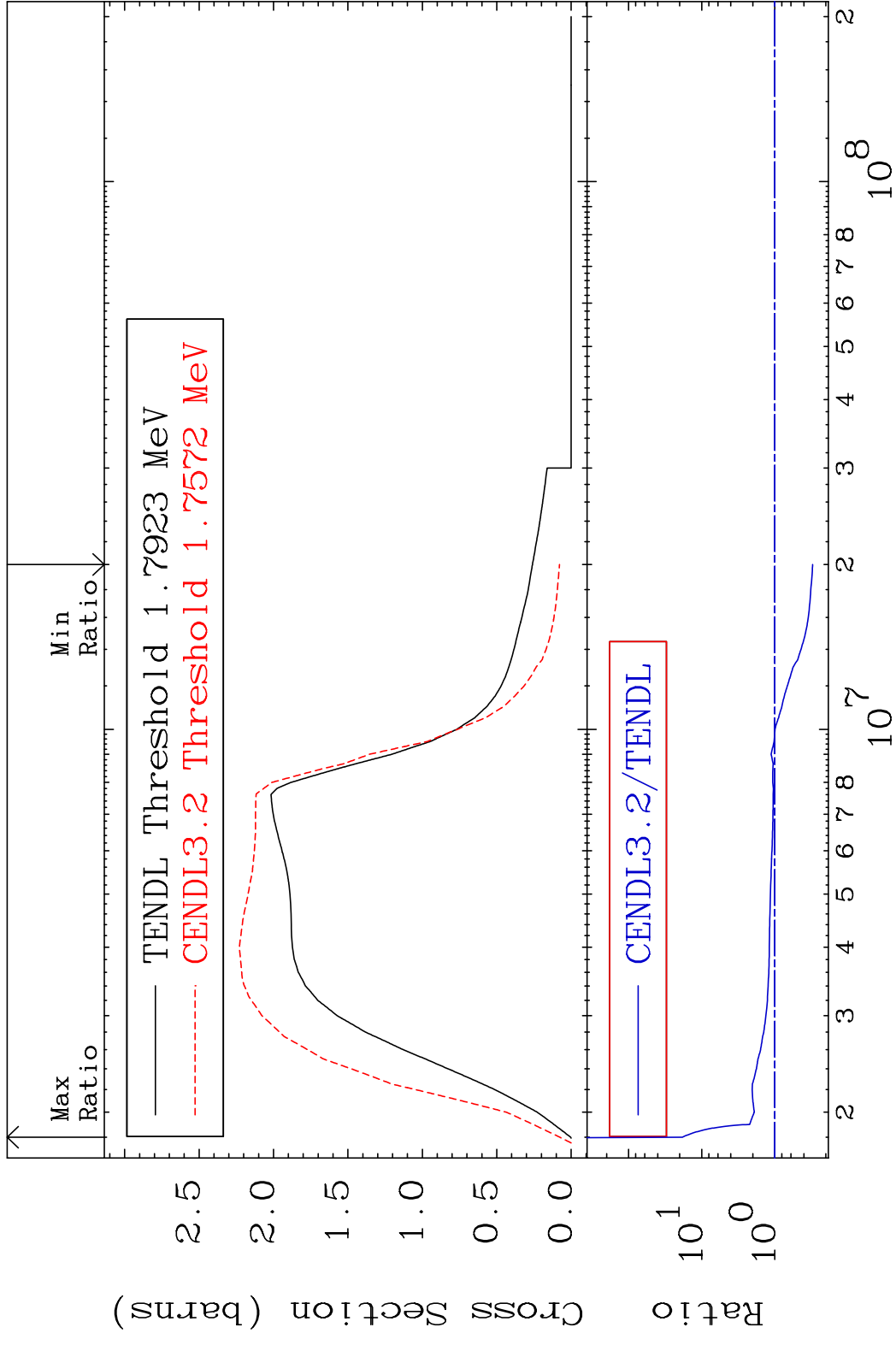
17 Incident Energy (eV) 60-Nd-146

MAT 6037 MT= 61 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 9999. %



18 Incident Energy (eV) 60-Nd-146

MAT 6037 (n,n') Continuum 60-Nd-146
 Cross Section -69.56 To 1740. %

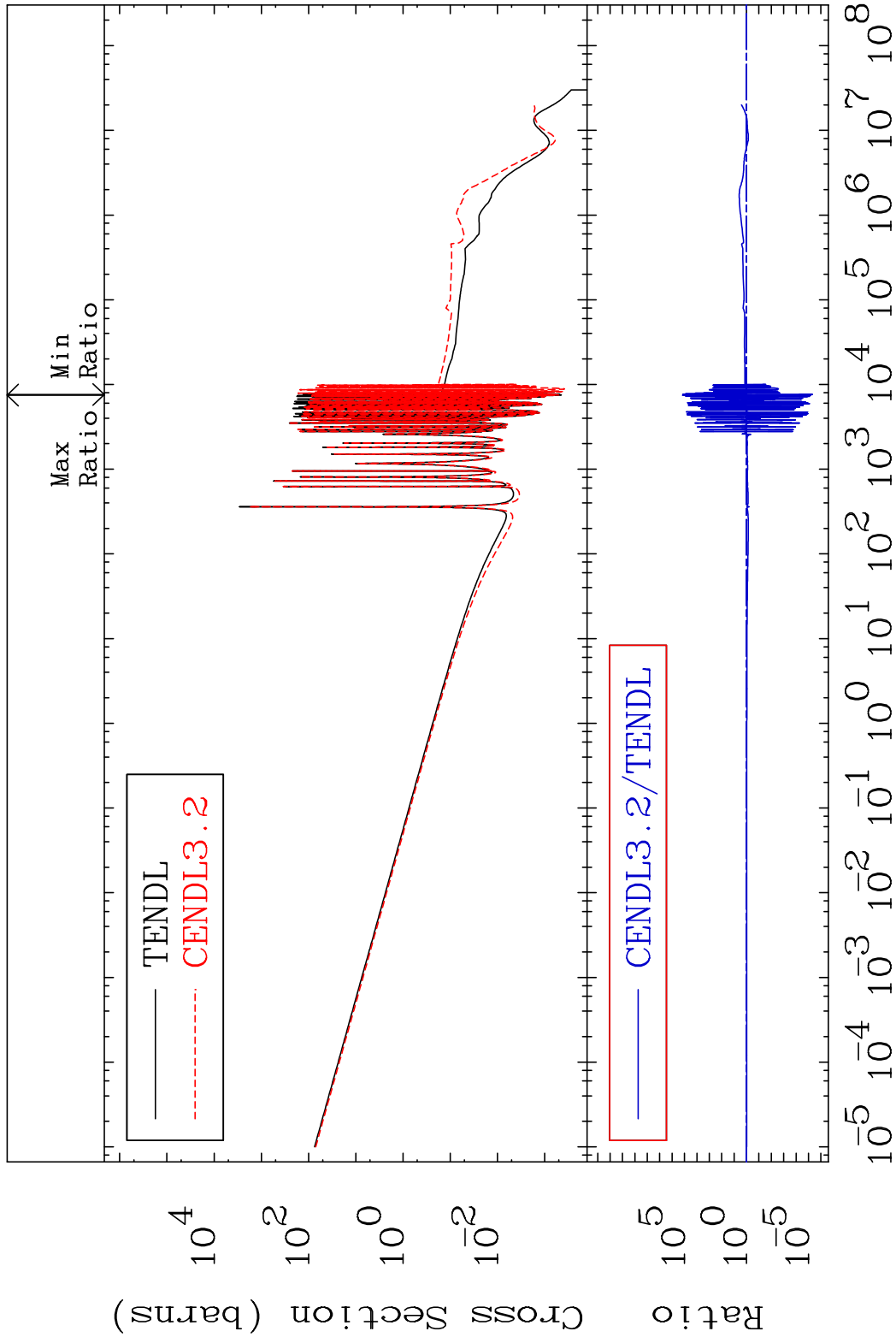


MAT 6037

(n, γ)

60-Nd-146

Cross Section -100.0 To 9999. %

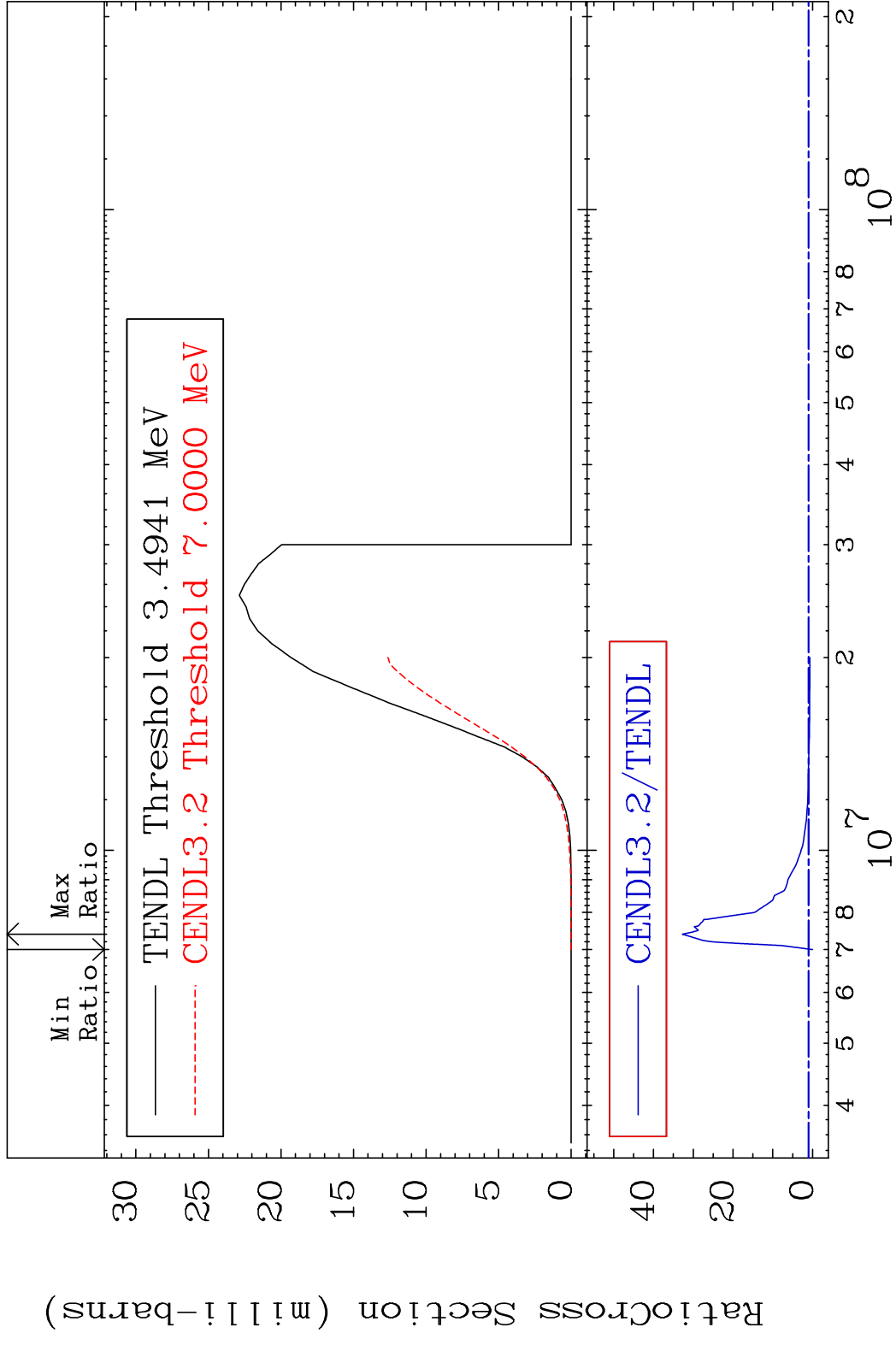


20

Incident Energy (eV)

60-Nd-146

MAT 6037 (n,p) 60-Nd-146
 Cross Section -100.0 To 3174. %

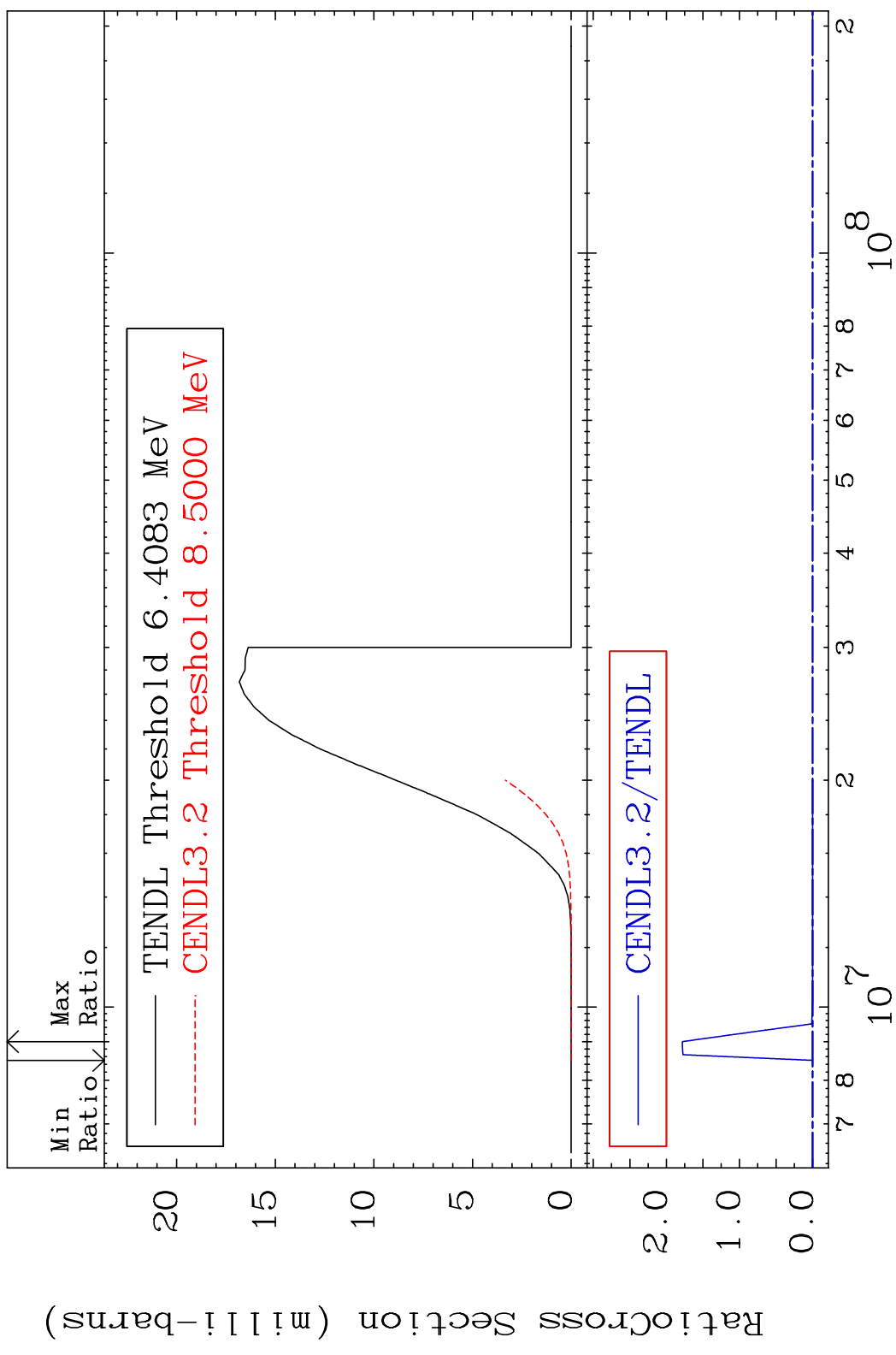


MAT 6037

(n,d)

60-Nd-146

Cross Section -100.0 To 9999. %

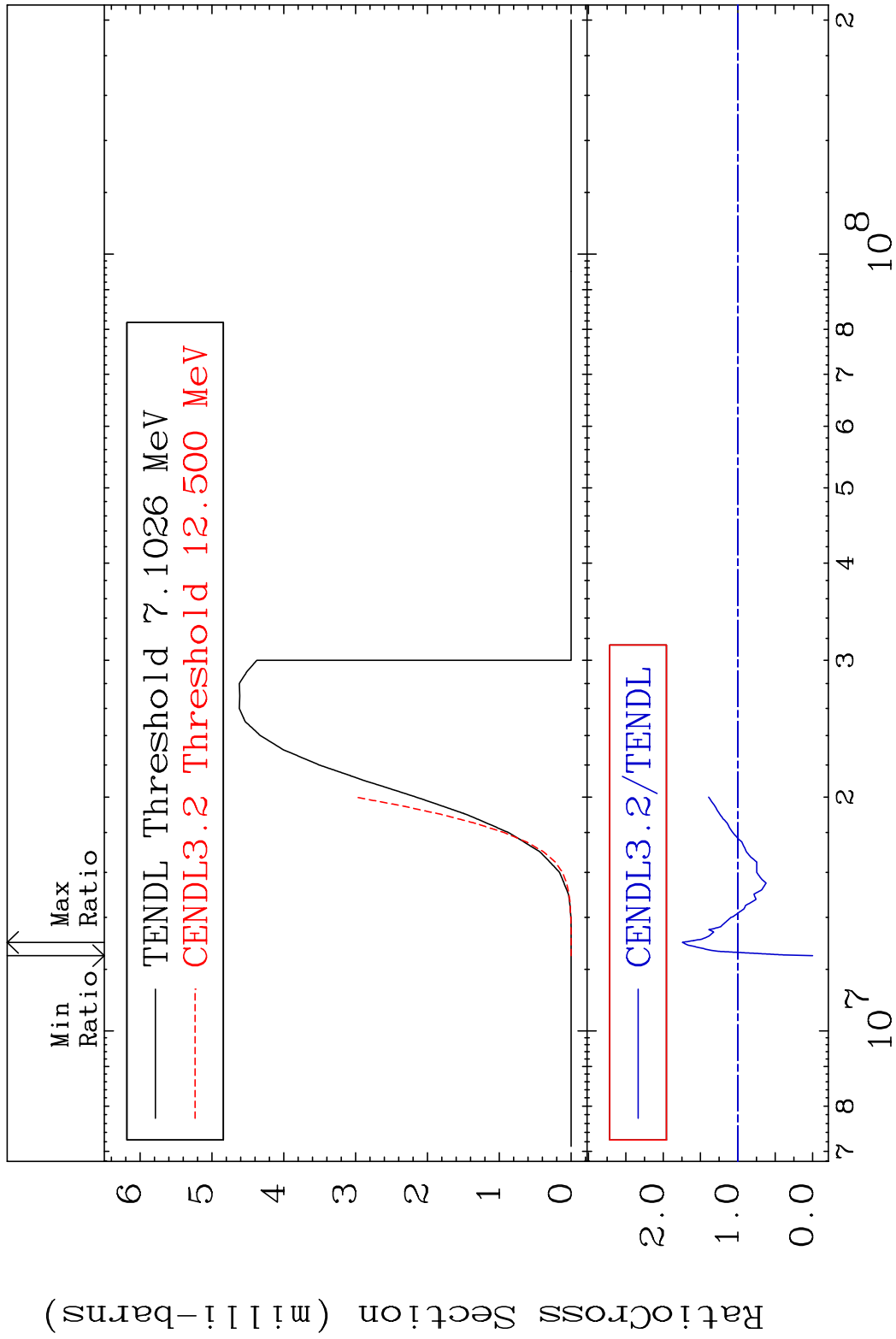


MAT 6037

(n, t)

60-Nd-146

Cross Section -100.0 To 74.31 %



23

Incident Energy (eV)

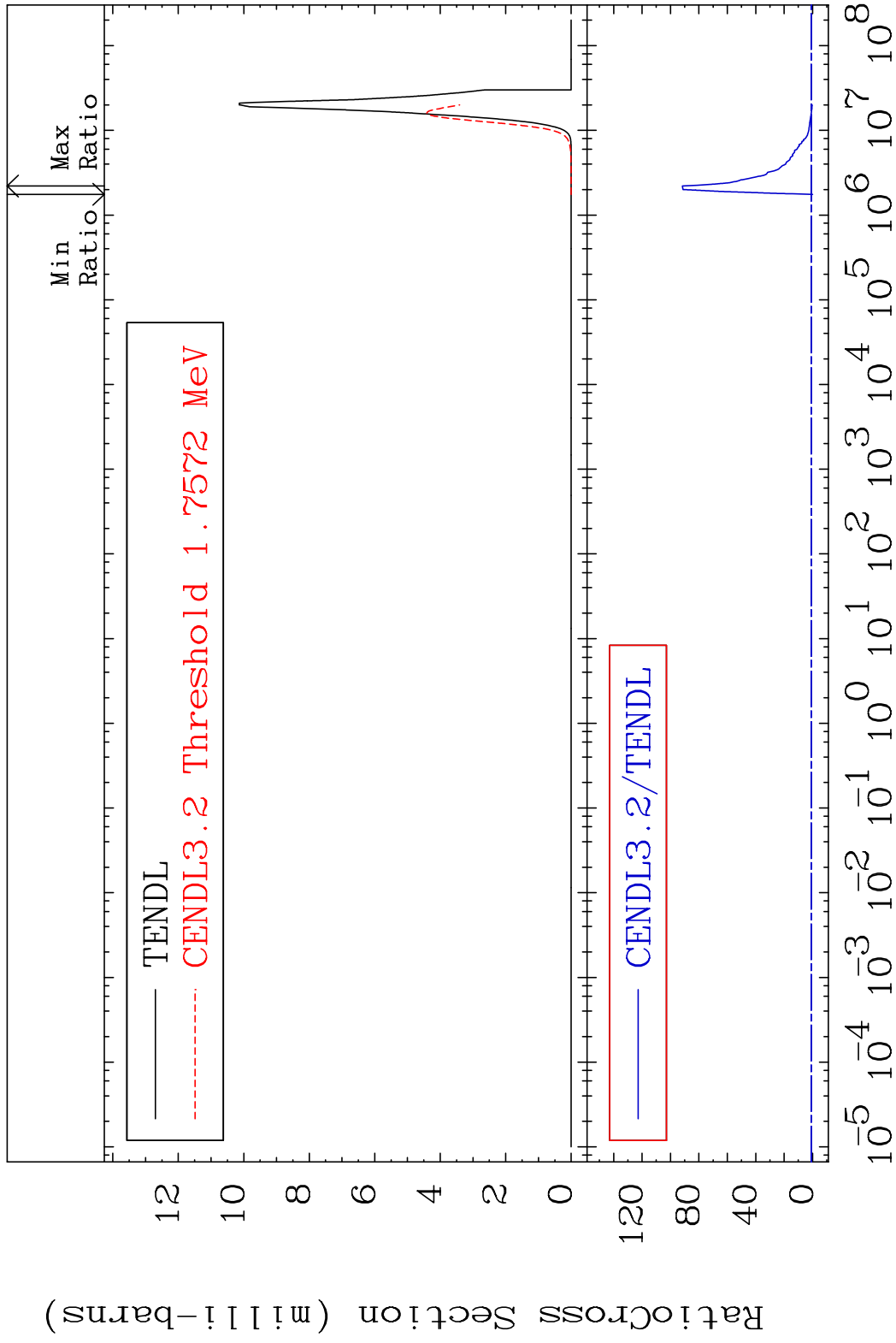
60-Nd-146

MAT 6037

(n, α)

60-Nd-146

Cross Section -100.0 To 9064. %



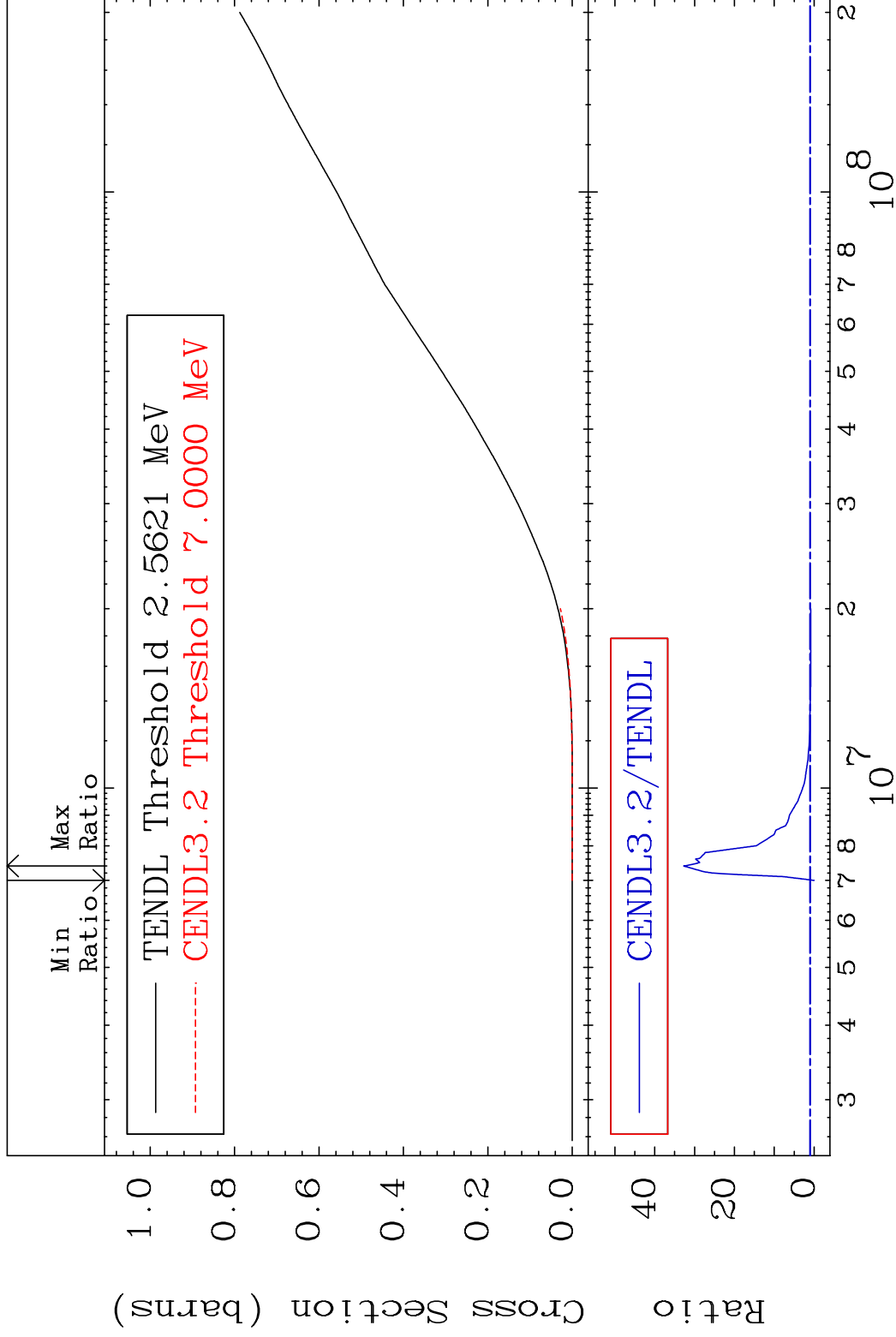
24

Incident Energy (eV)

60-Nd-146

MAT 6037

Hydrogen Production 60-Nd-146
Cross Section -100.0 To 3174. %



25

Incident Energy (eV)

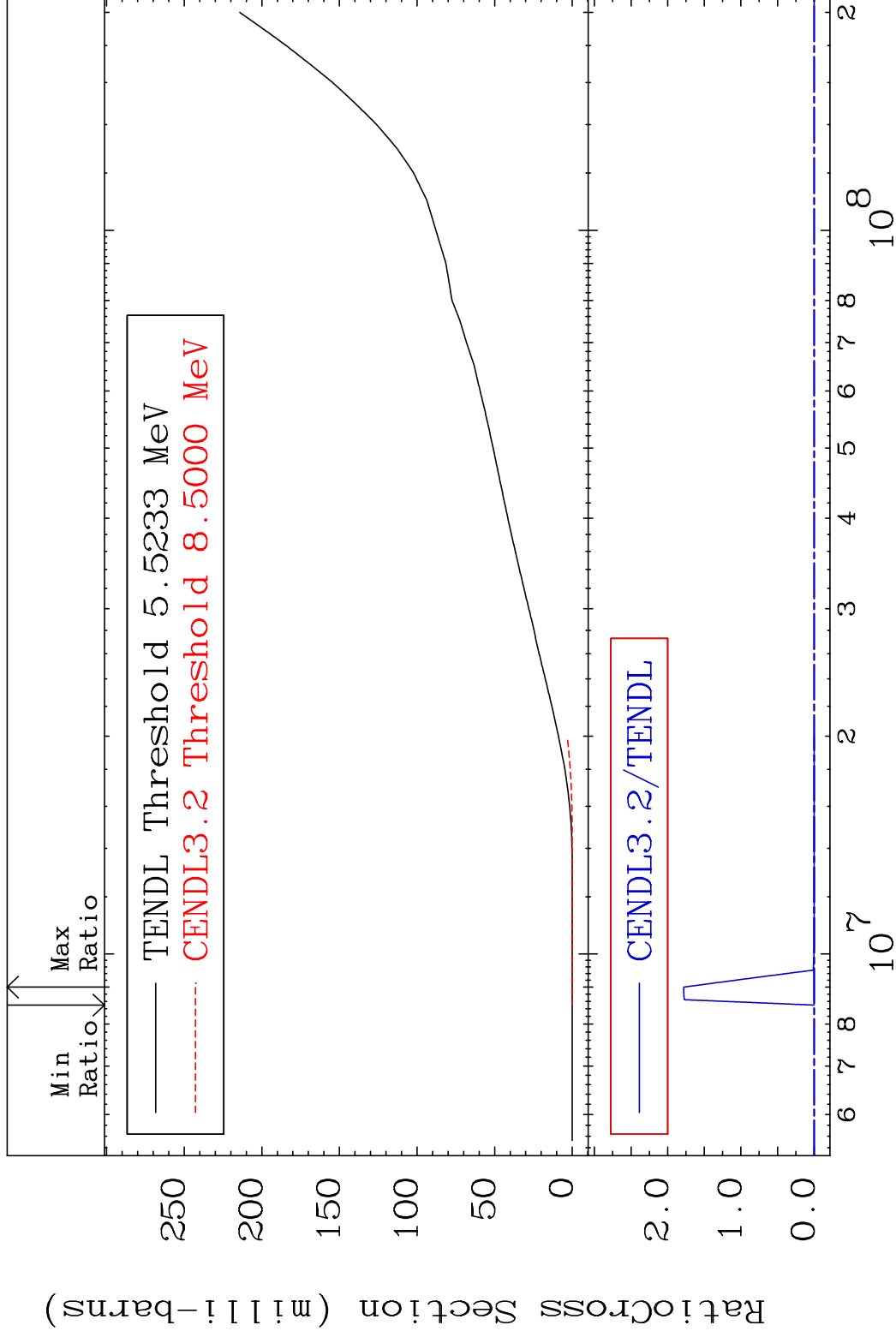
60-Nd-146

MAT 6037

Deuterium Production

60-Nd-146

Cross Section -100.0 To 9999. %



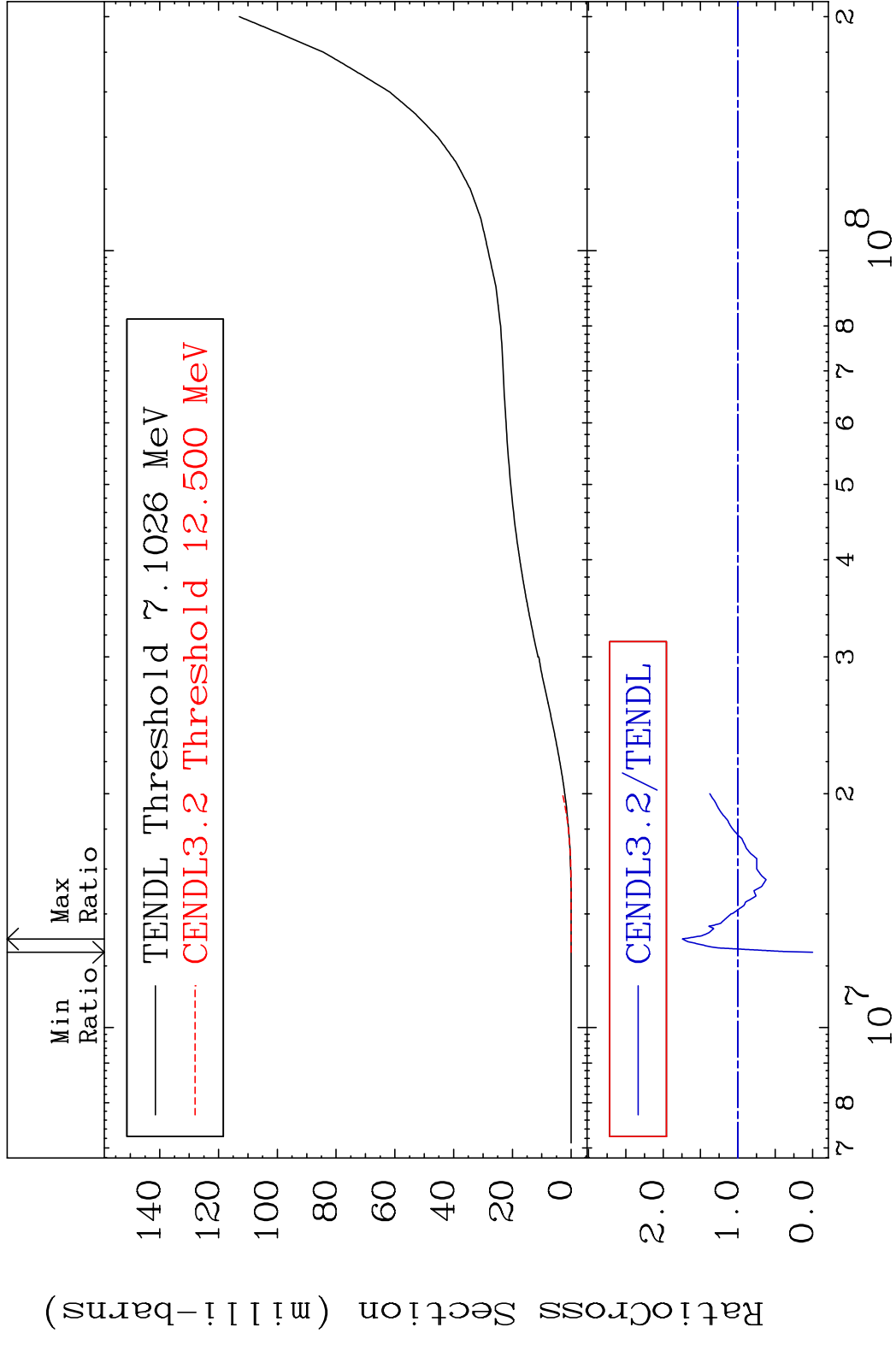
26

Incident Energy (eV)

60-Nd-146

MAT 6037

Tritium Production 60-Nd-146
Cross Section -100.0 To 74.31 %

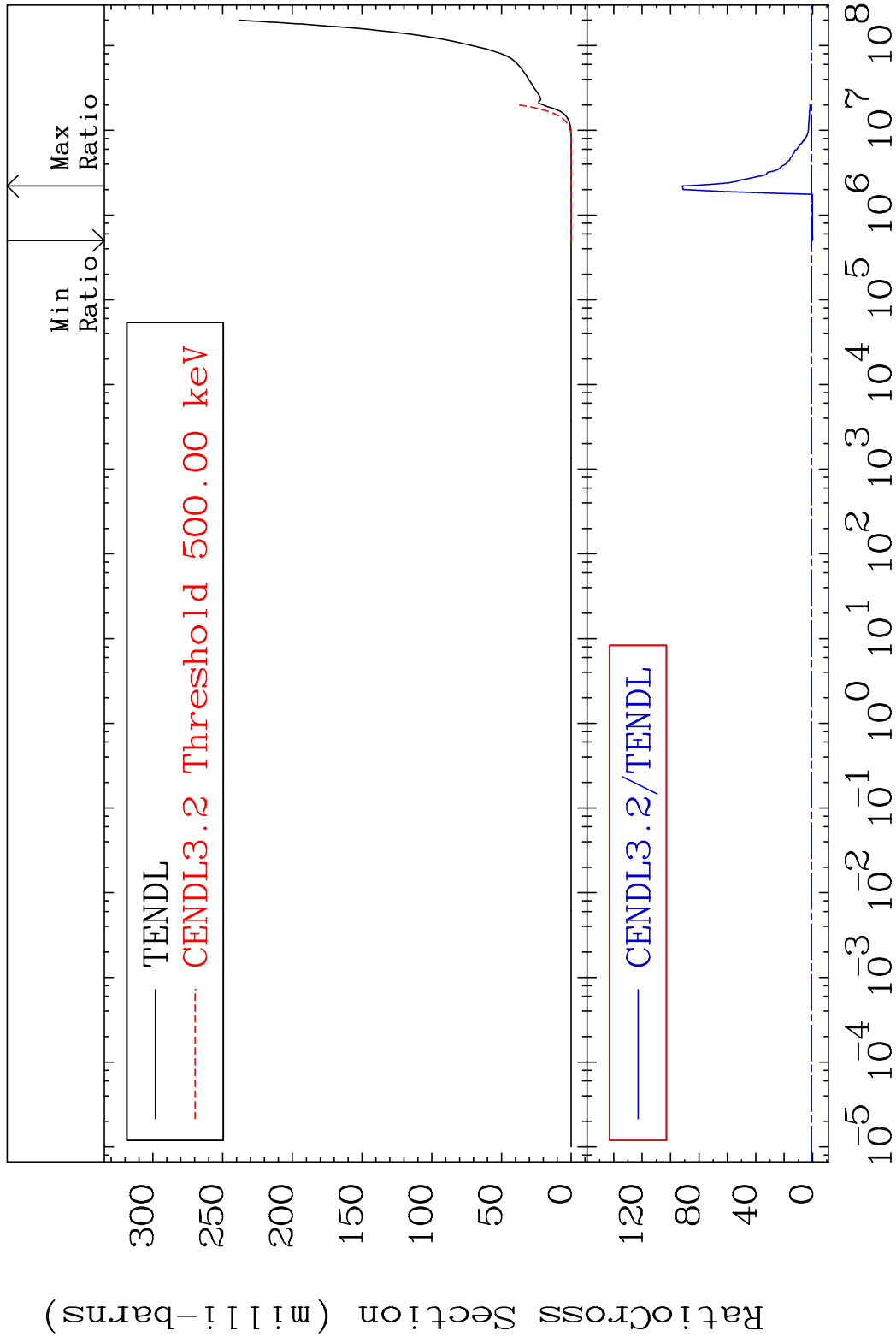


MAT 6037

He-4 Production

60-Nd-146

Cross Section -100.0 To 9067. %



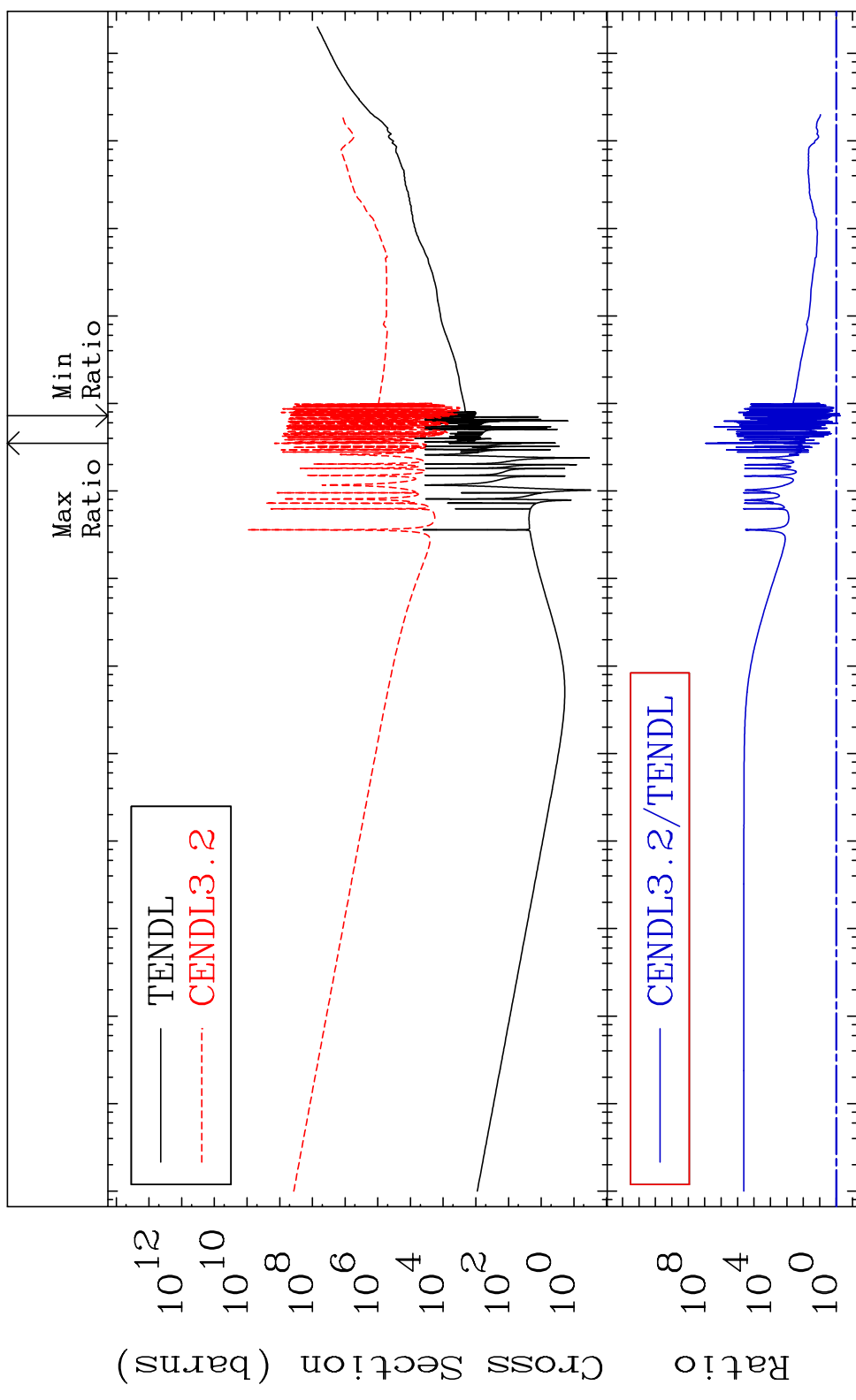
28

Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma total (eV-barns) 60-Nd-146
Cross Section -44.90 To 9999. %

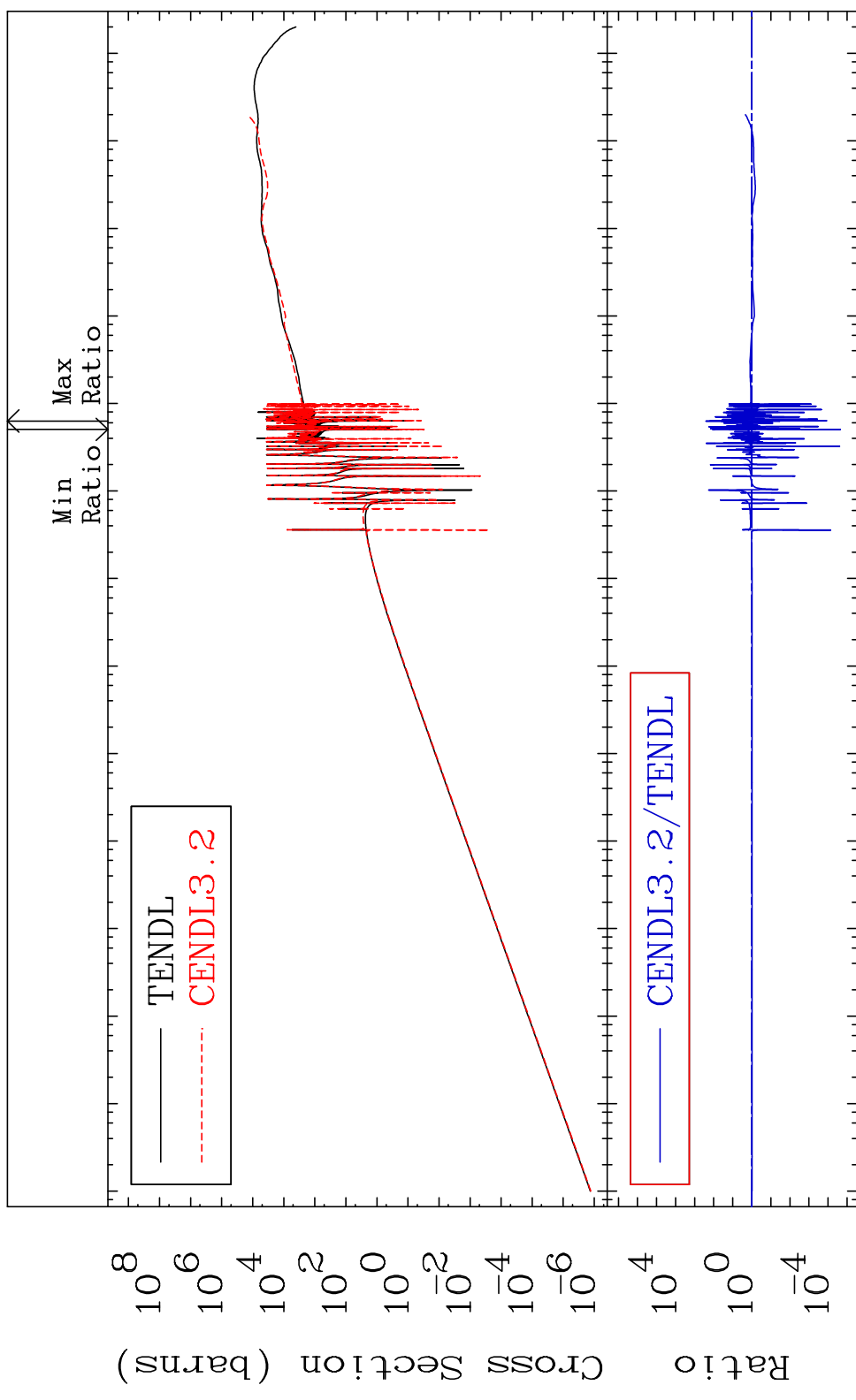


29

Incident Energy (eV) 60-Nd-146

MAT 6037

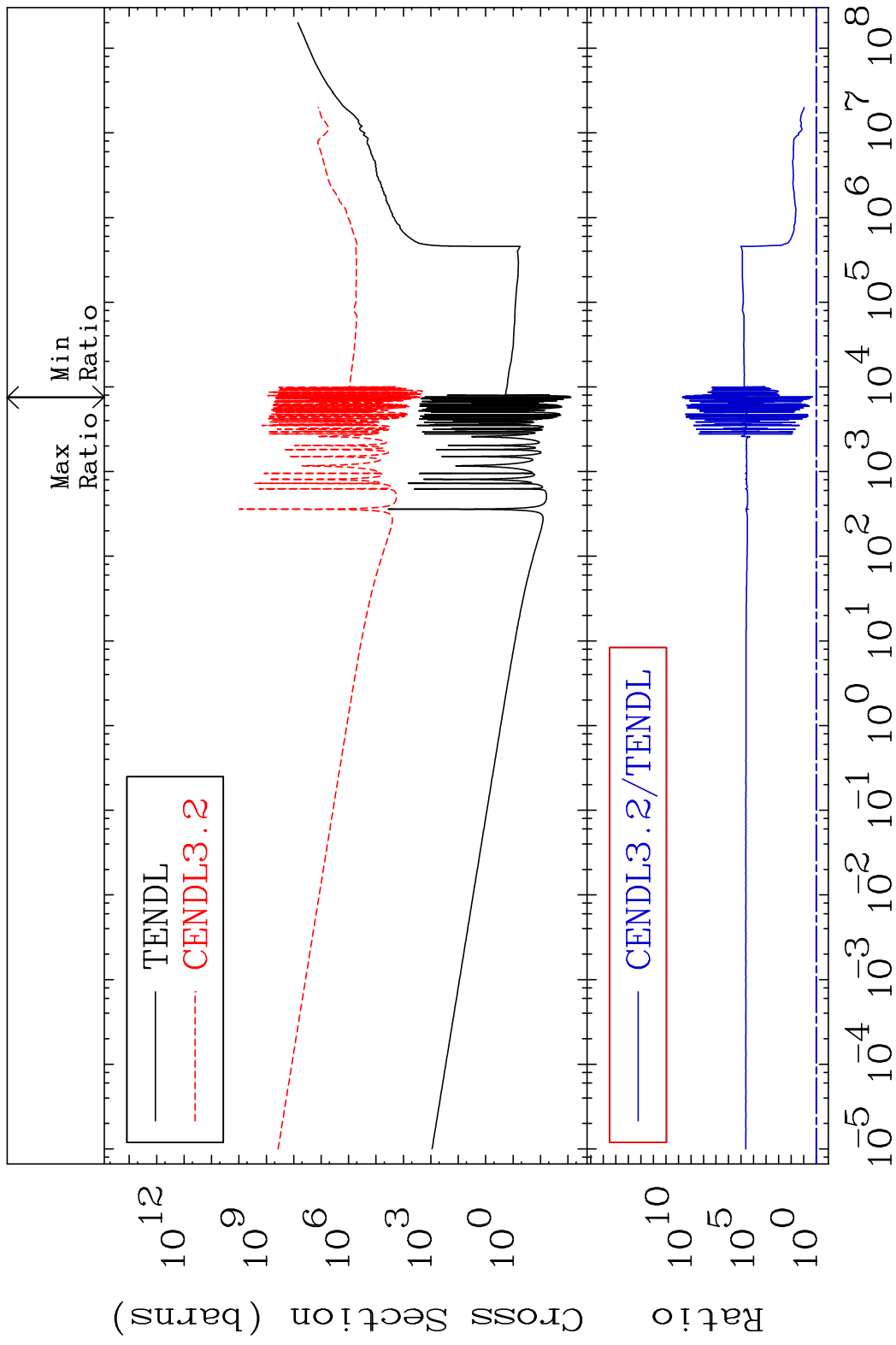
Kerma elastic
Cross Section -100.0 To 9999. %
60-Nd-146



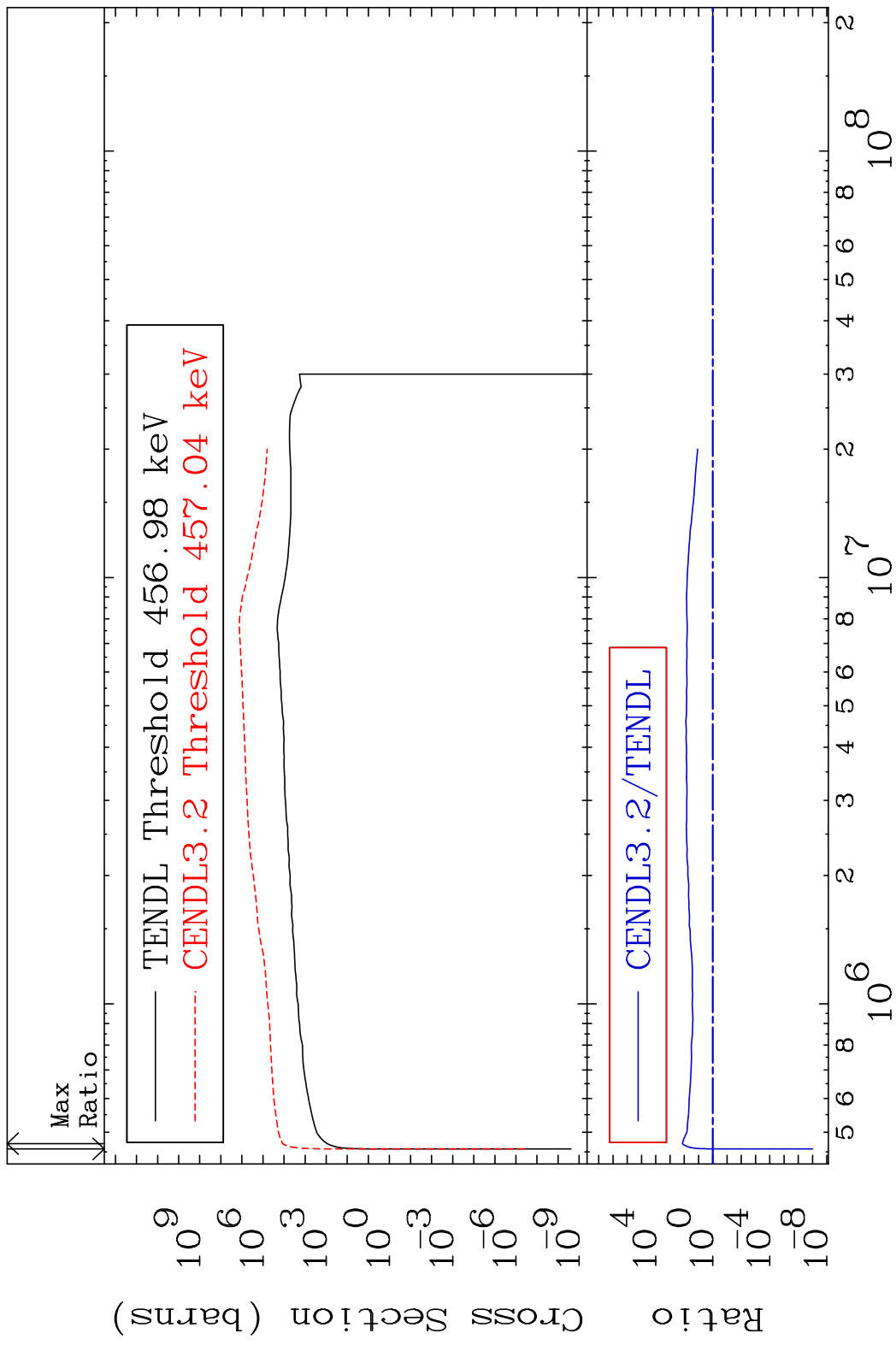
30

Incident Energy (eV) 60-Nd-146

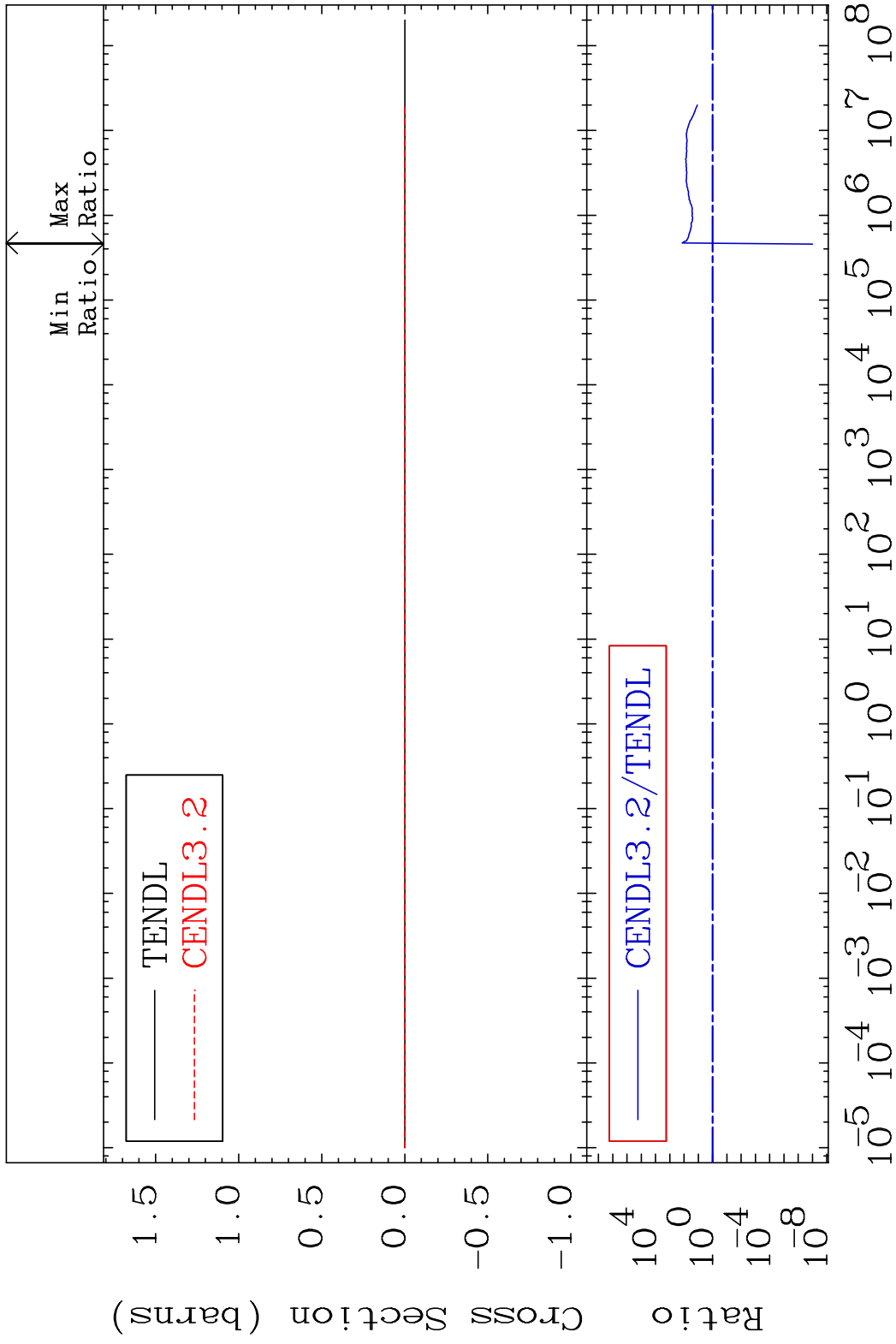
MAT 6037 Kerma non-elastic (all but mt2) 60-Nd-146
 Cross Section 98.07 To 9999. %



MAT 6037 Kerma inelastic (mt51-91) 60-Nd-146
 Cross Section -100.0 To 9999. %

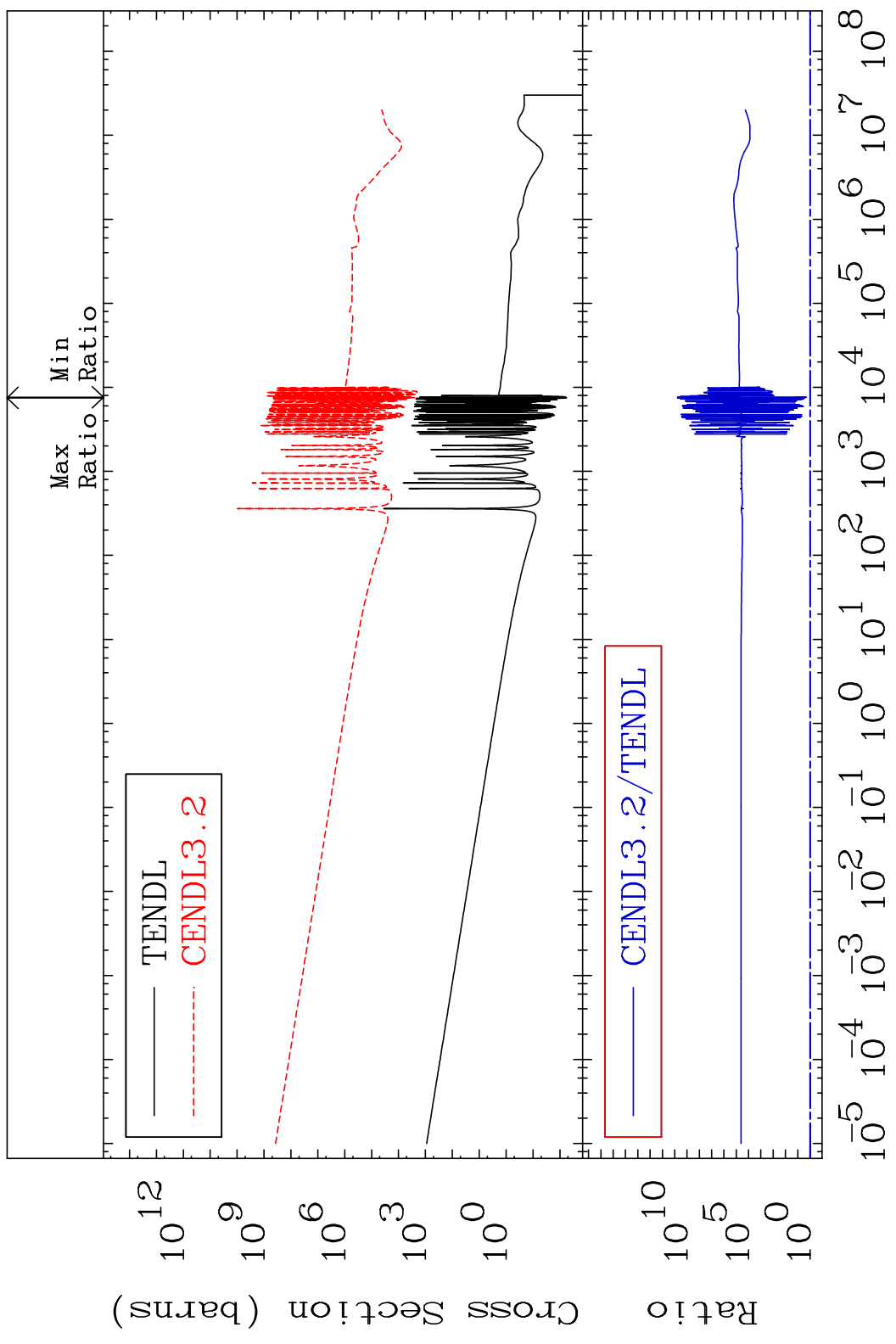


MAT 6037 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-146
 Cross Section -100.0 To 9999. %

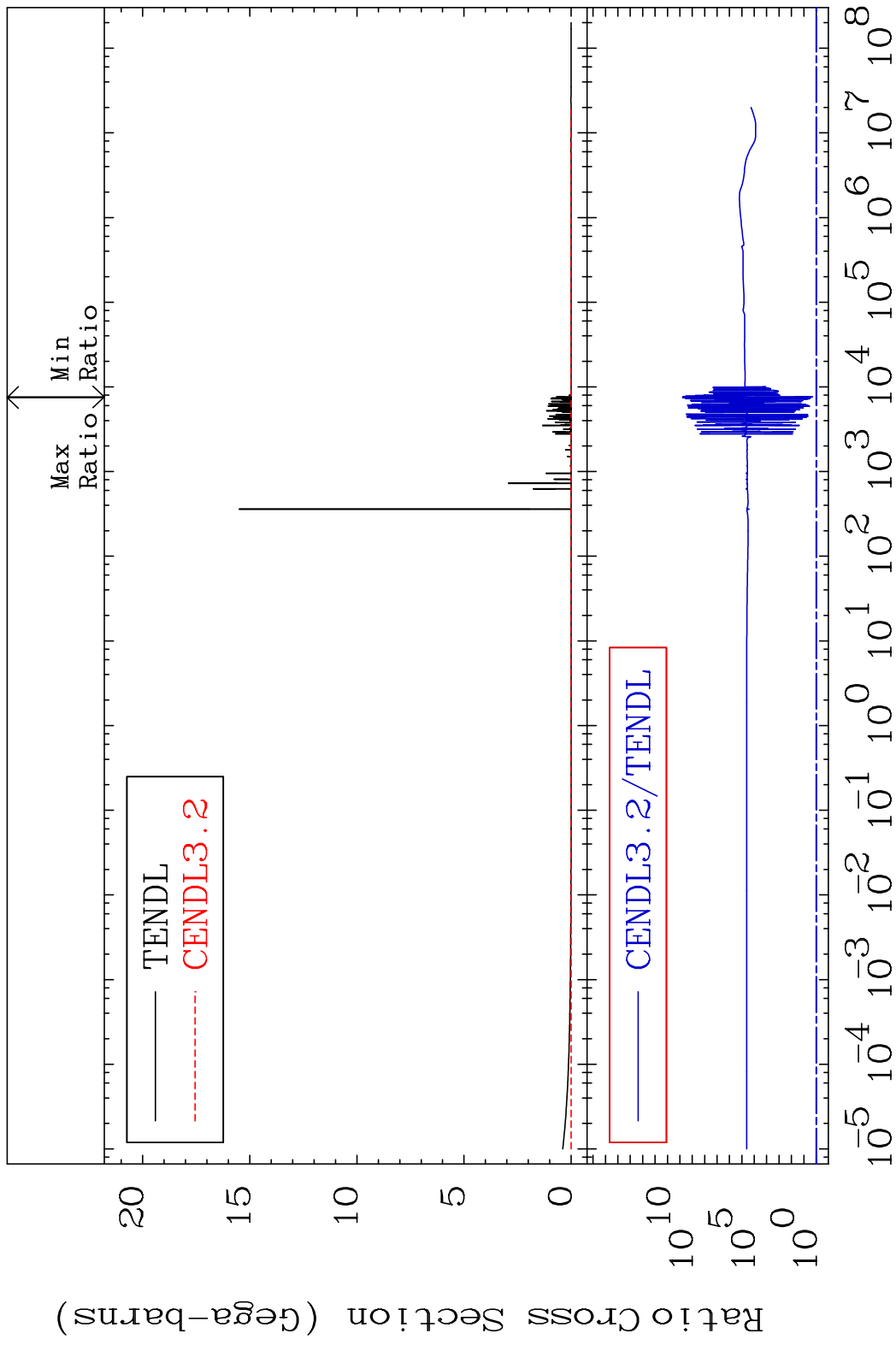


MAT 6037

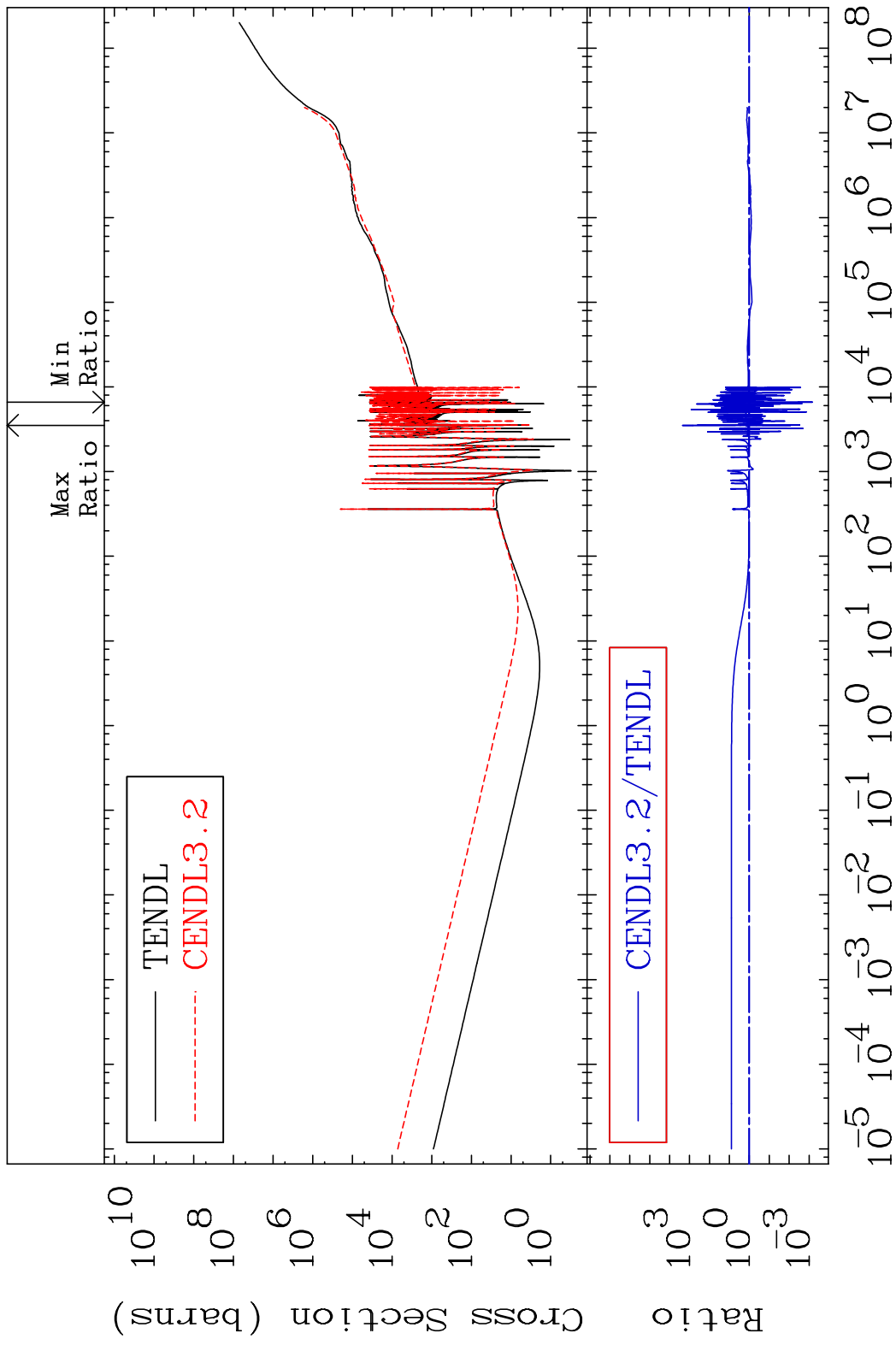
Kerma capture (mt102) 60-Nd-146
Cross Section 98.07 To 9999. %



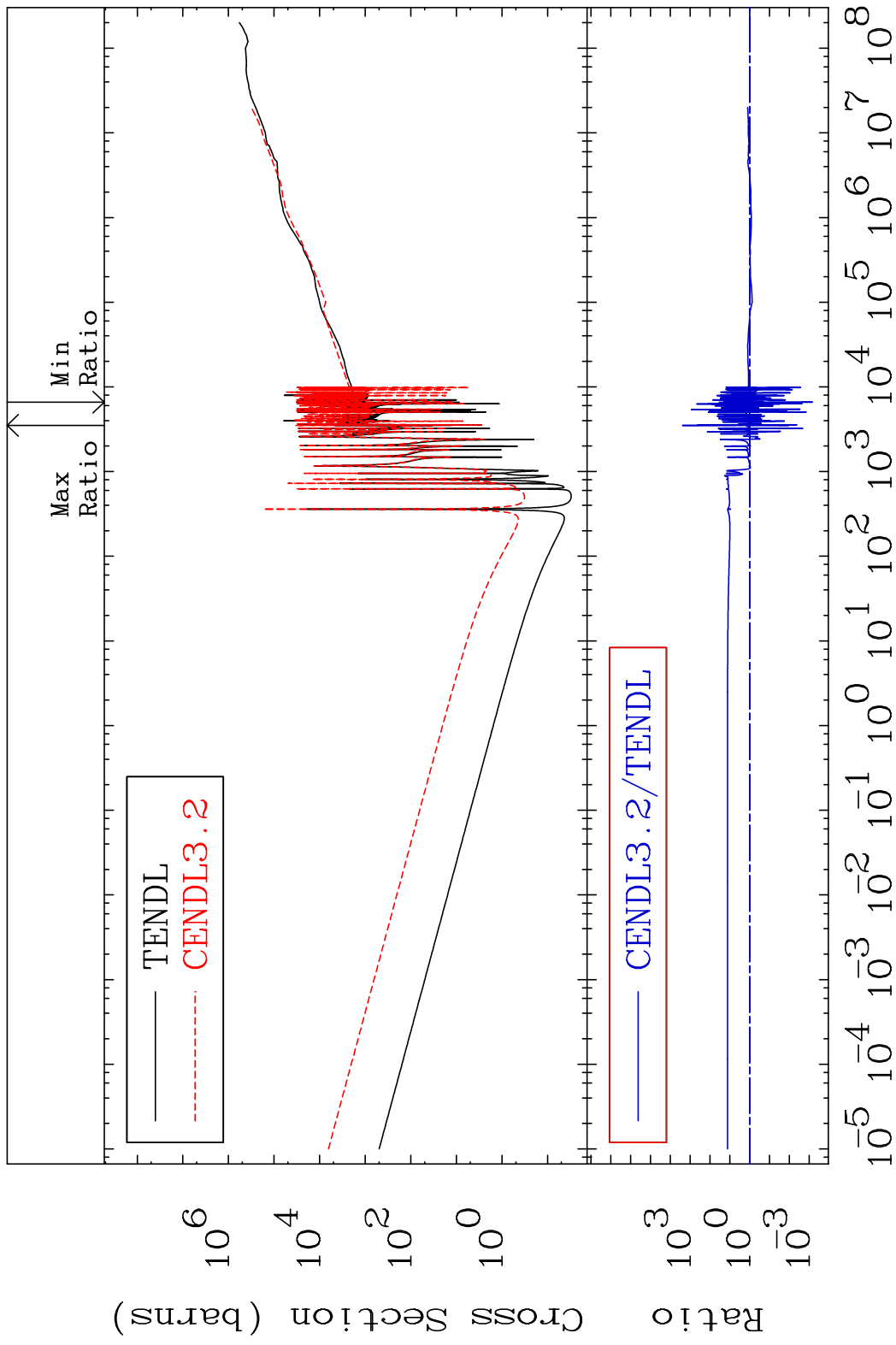
MAT 6037 Total photon (eV-barns) 60-Nd-146
 Cross Section 98.07 To 9999. %



MAT 6037 Total kinematic kerma (high limit) 60-Nd-146
 Cross Section -99.93 To 9999. %



MAT 6037 Dpa total (eV-barns) 60-Nd-146
 Cross Section -99.93 To 9999. %

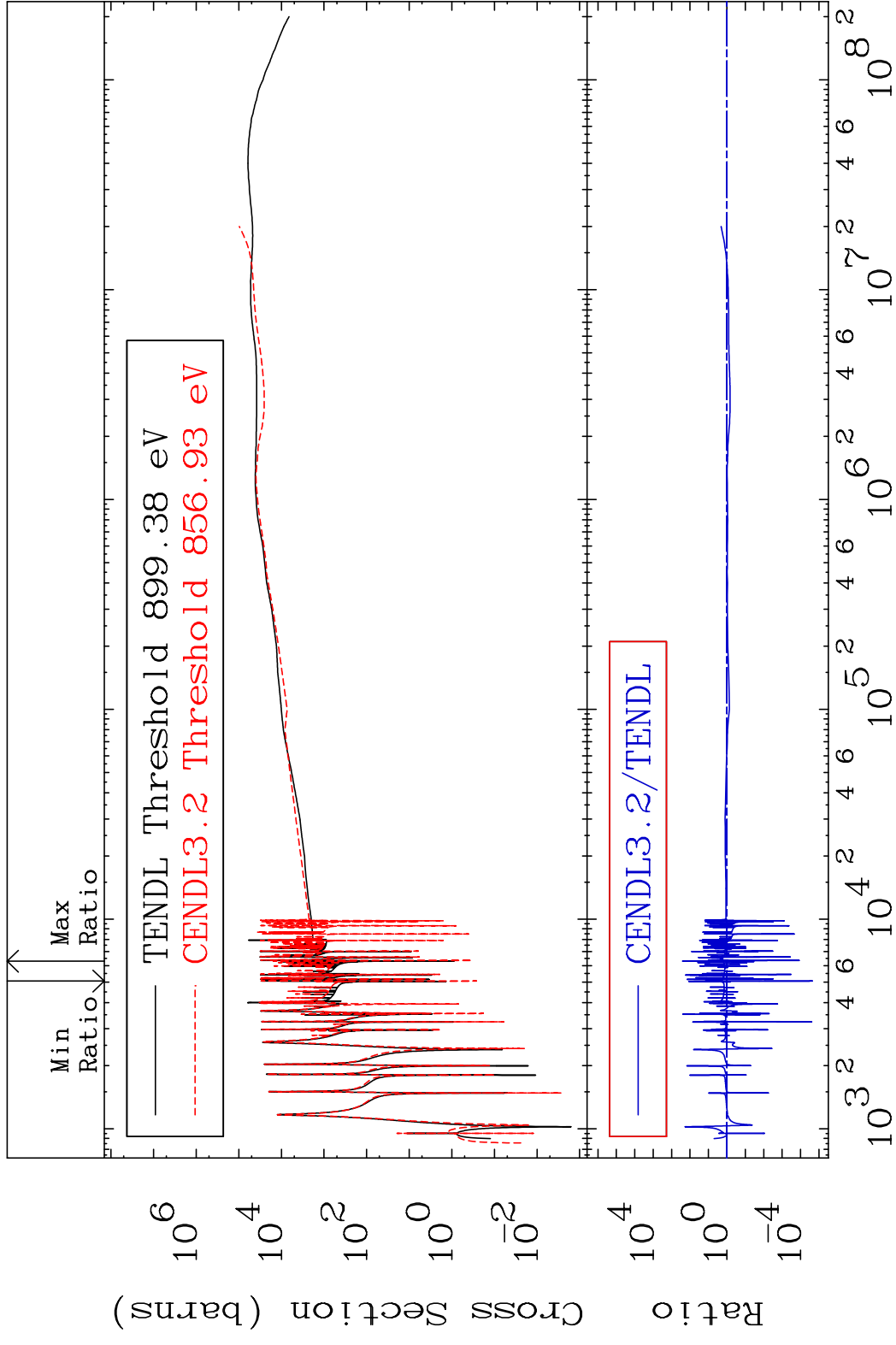


MAT 6037

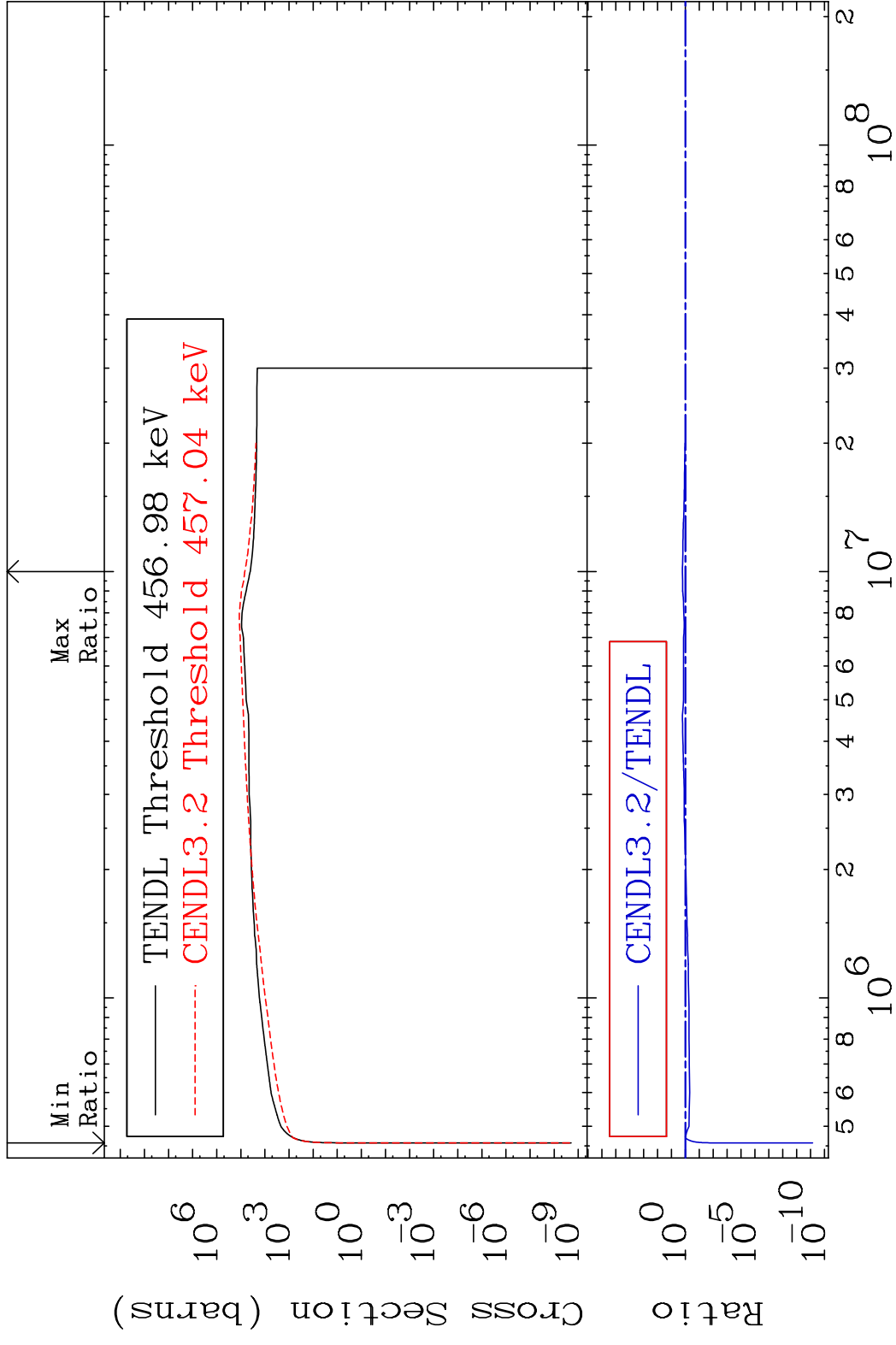
Dpa elastic (mt2)

60-Nd-146

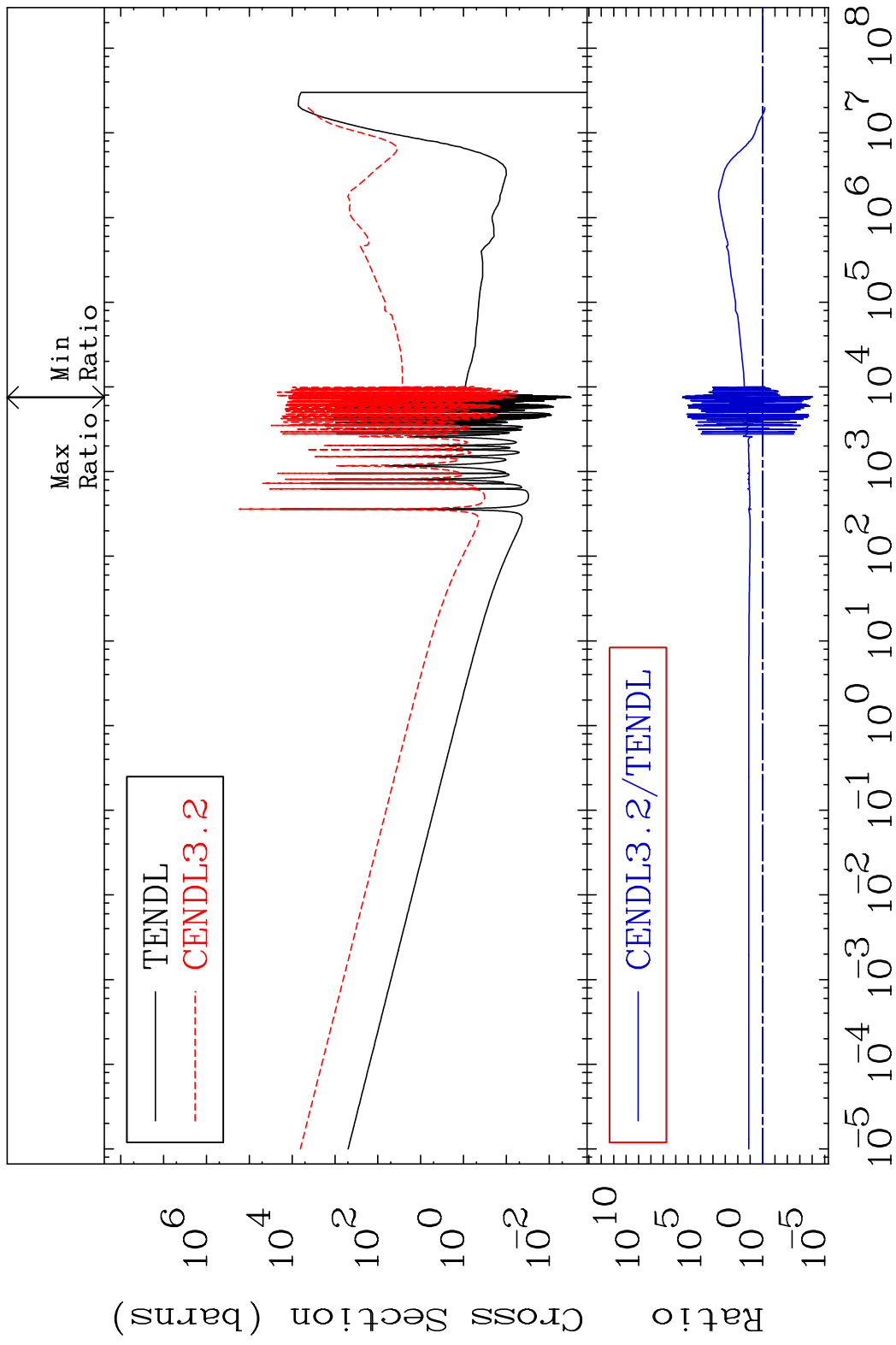
Cross Section -100.0 To 9999. %



MAT 6037 Dpa inelastic (mt51-91) 60-Nd-146
 Cross Section -100.0 To 66.43 %

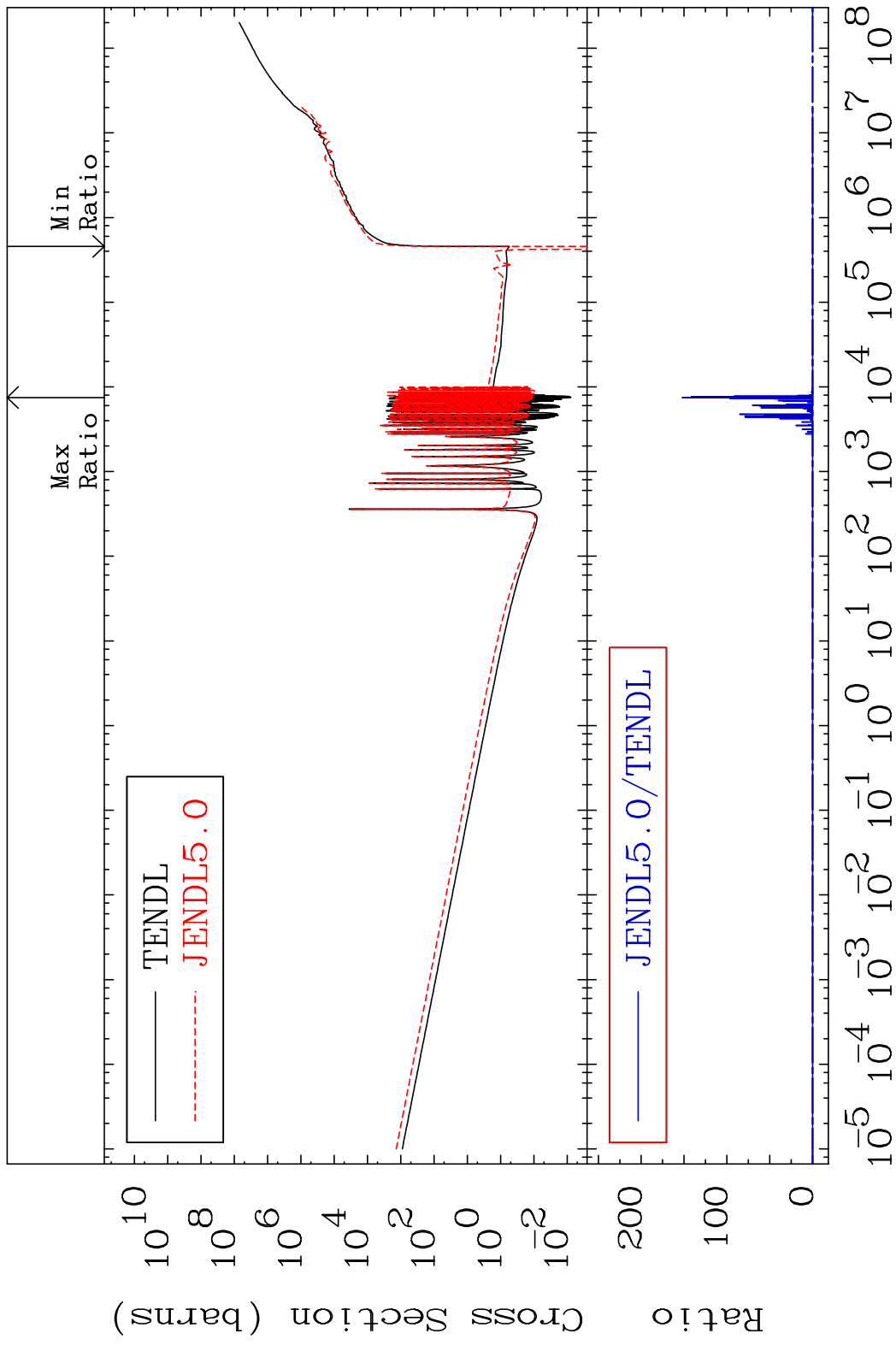


MAT 6037 Dpa disappearance (mt102 -120) 60-Nd-146
 Cross Section -99.99 To 9999. %



40 Incident Energy (eV) 60-Nd-146

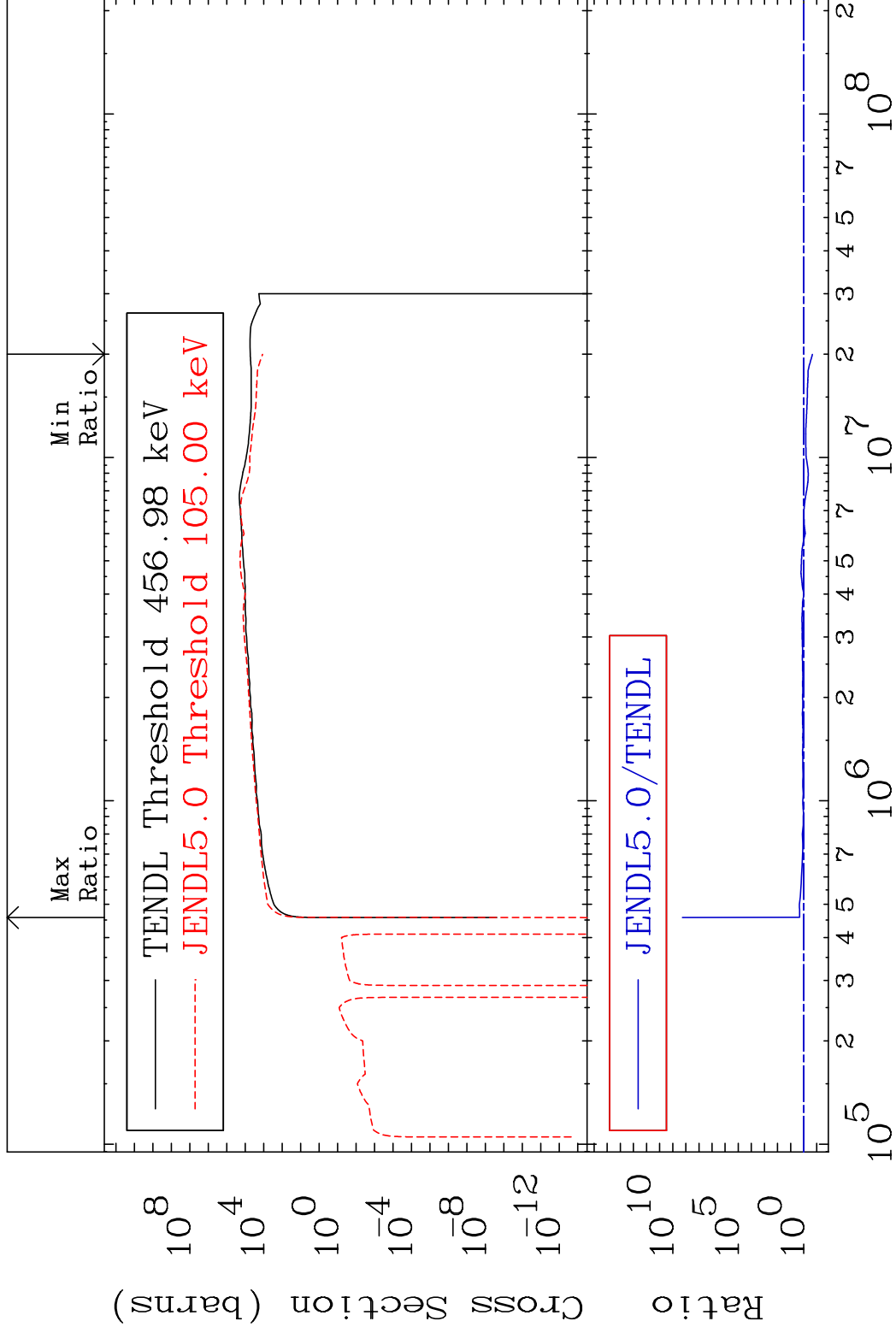
MAT 6037 Kerma non-elastic (all but mt2) 60-Nd-146
 Cross Section -840.3 To 9999. %



MAT 6037

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

Cross Section -78.86 To 9999. %

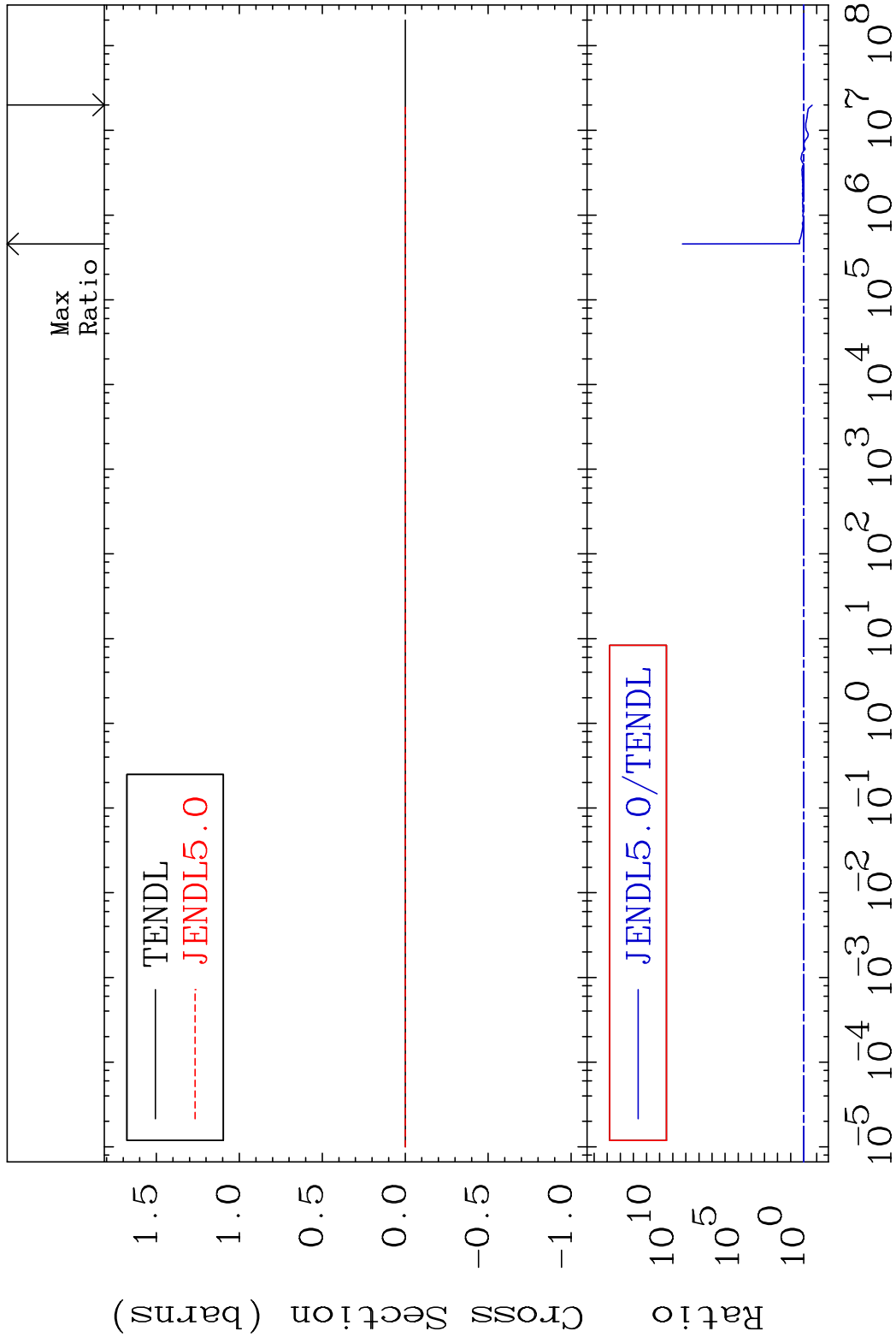


42

Incident Energy (eV)

60-Nd-146

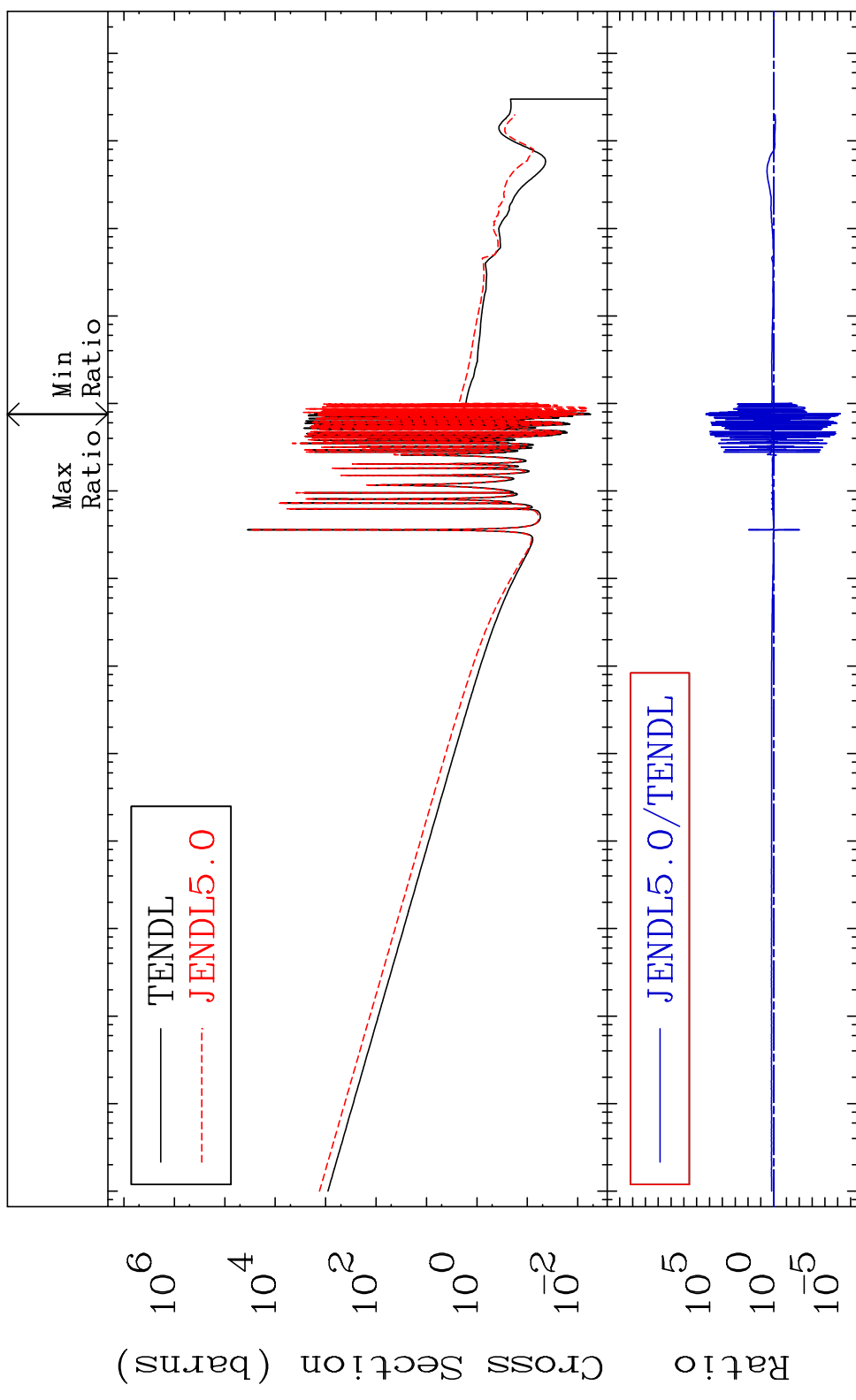
MAT 6037 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-146
 Cross Section -78.86 To 9999. %



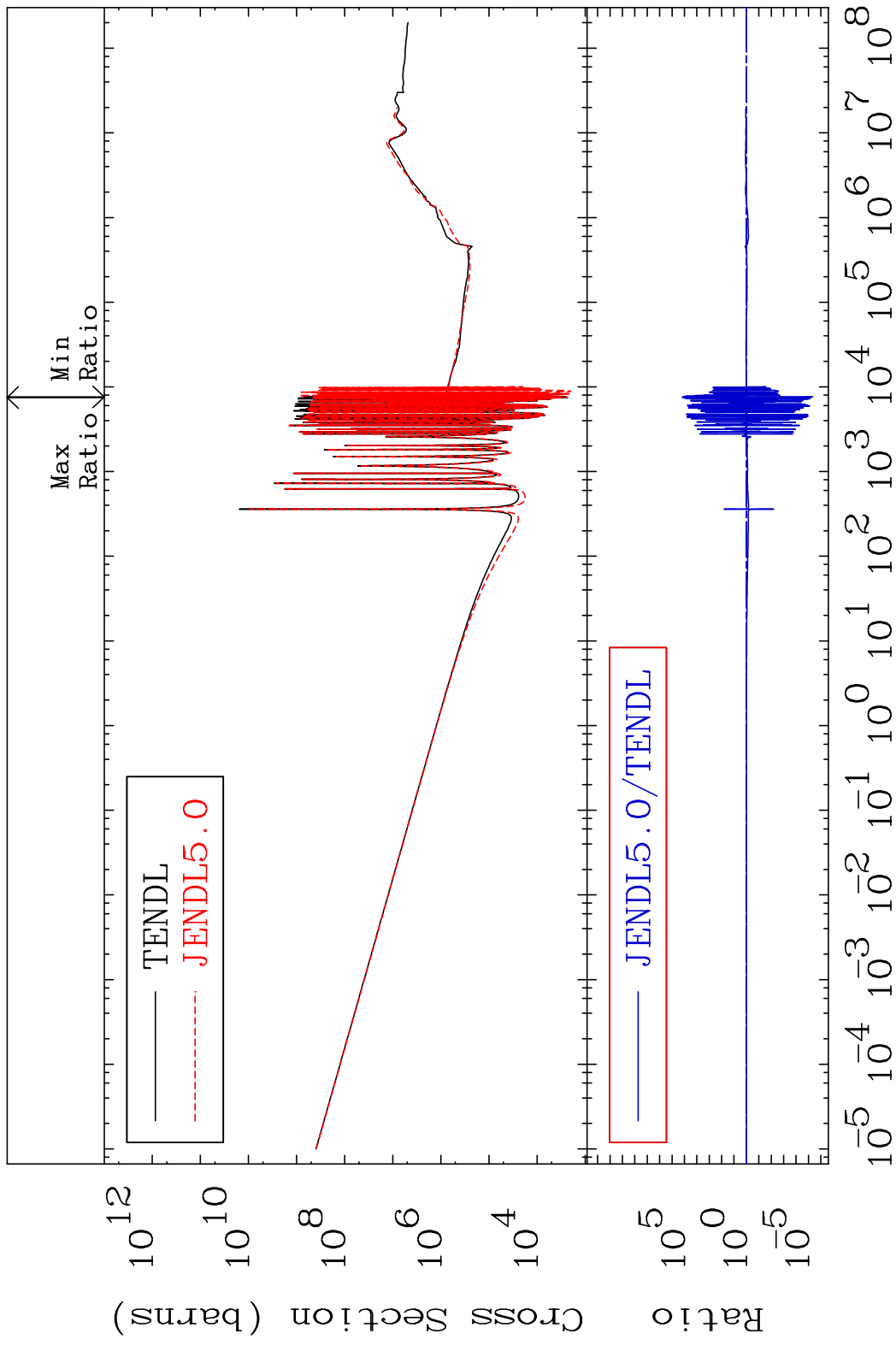
MAT 6037

Kerma capture (mt102) 60-Nd-146

Cross Section -100.0 To 9999. %

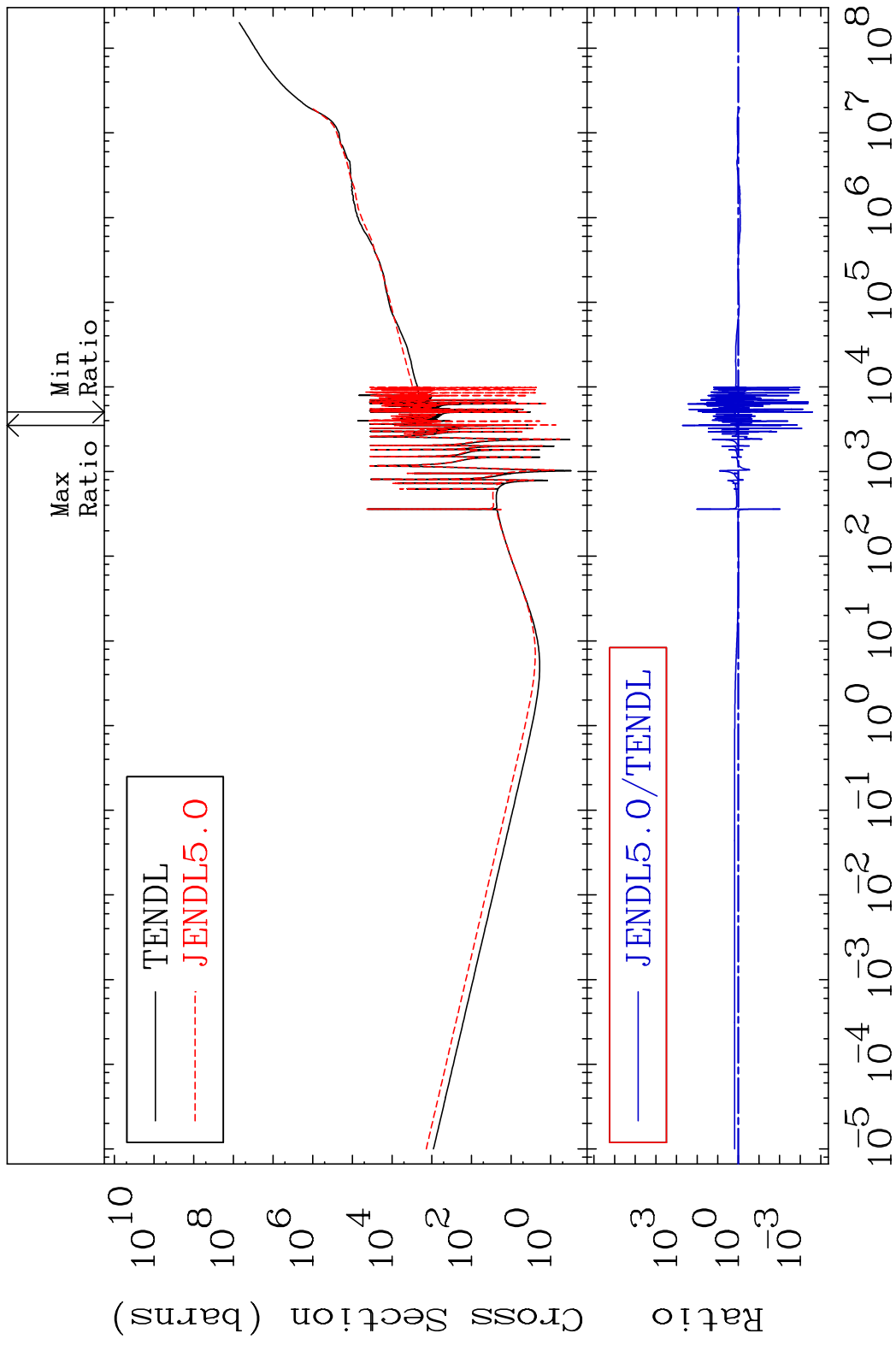


MAT 6037 Total photon (eV-barns) 60-Nd-146
Cross Section -100.0 To 9999. %

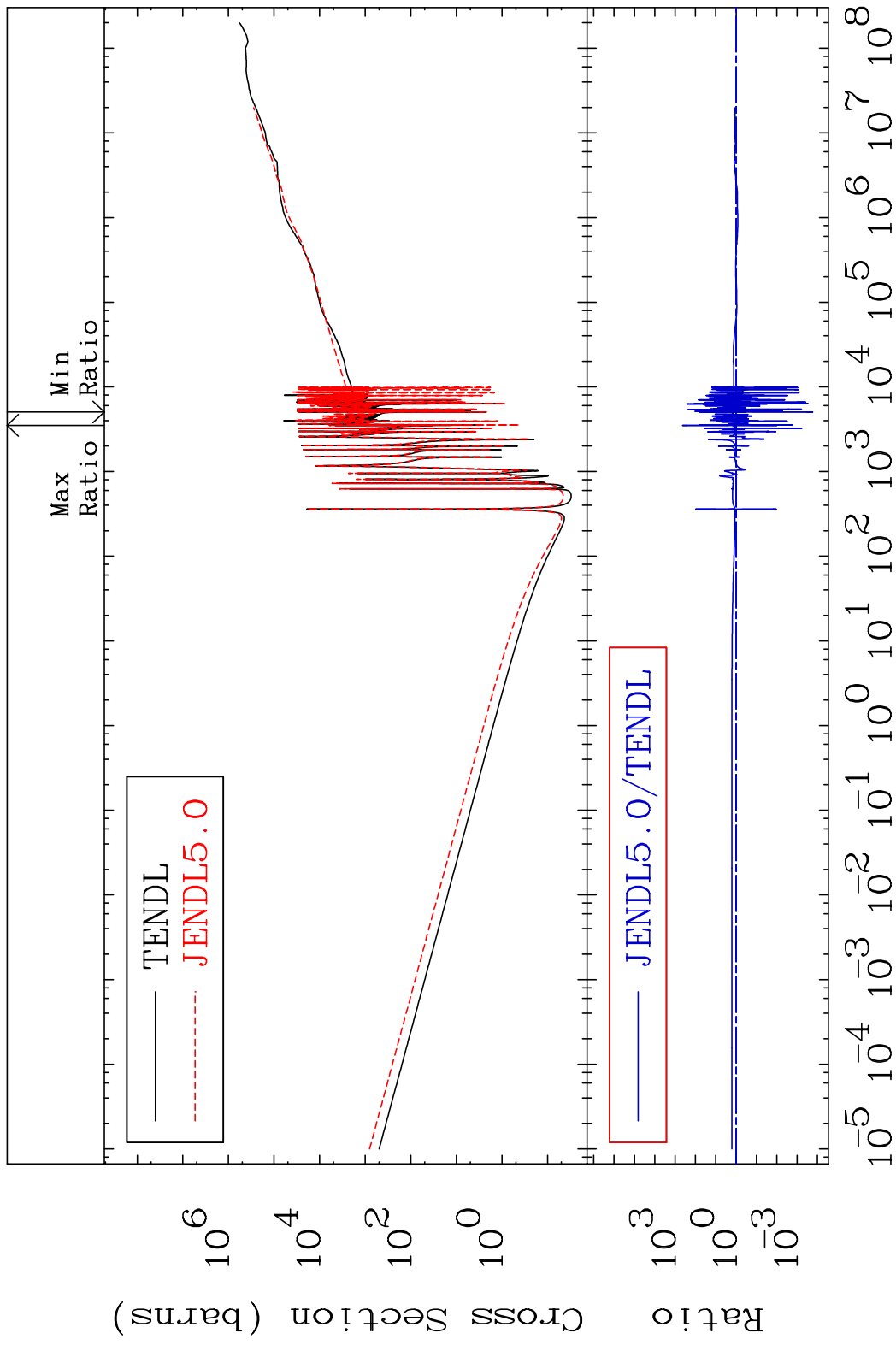


45 Incident Energy (eV) 60-Nd-146

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. %



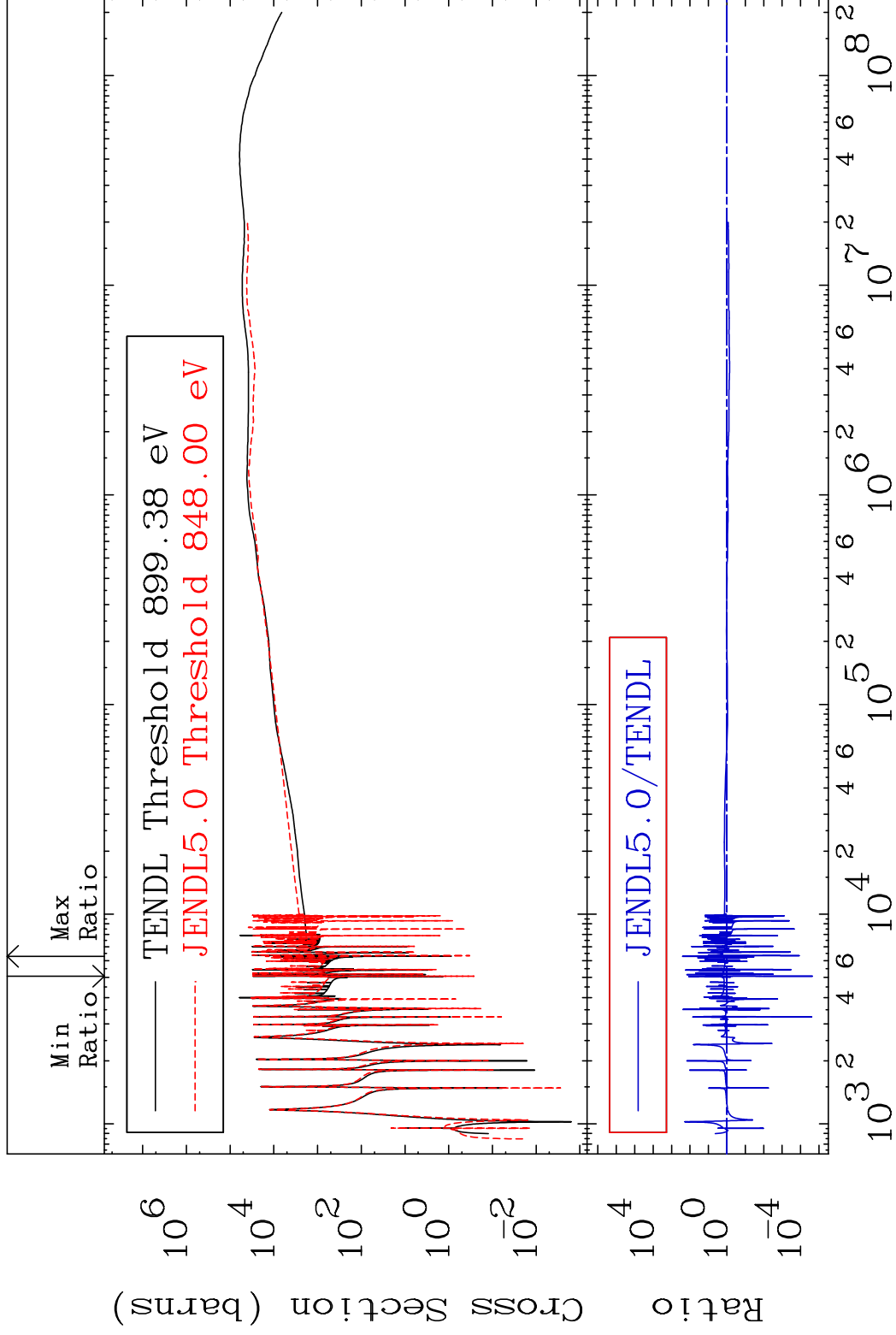
47 Incident Energy (eV) 60-Nd-146

MAT 6037

Dpa elastic (mt2)

60-Nd-146

Cross Section -100.0 To 9999. %

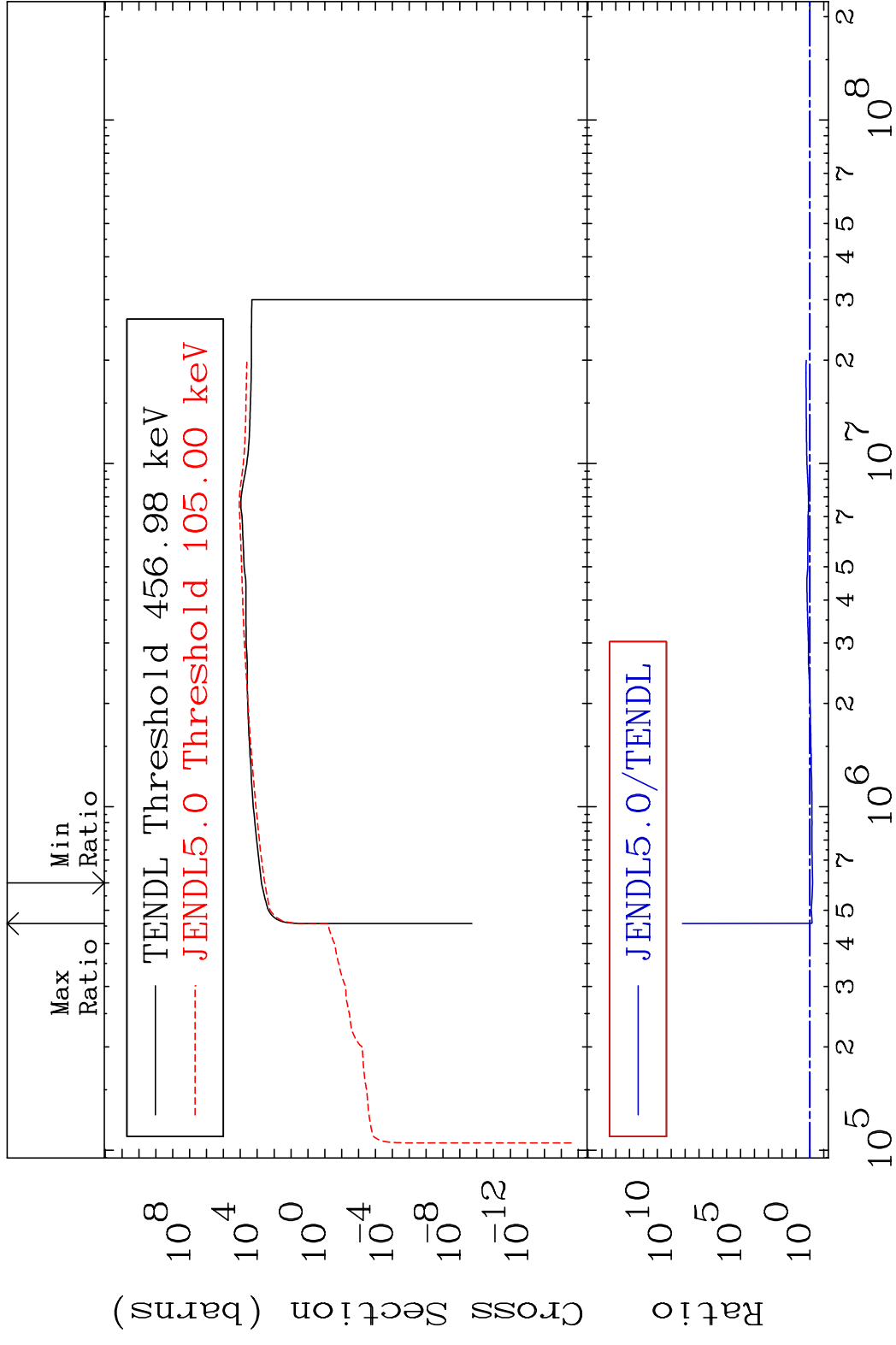


48

Incident Energy (eV)

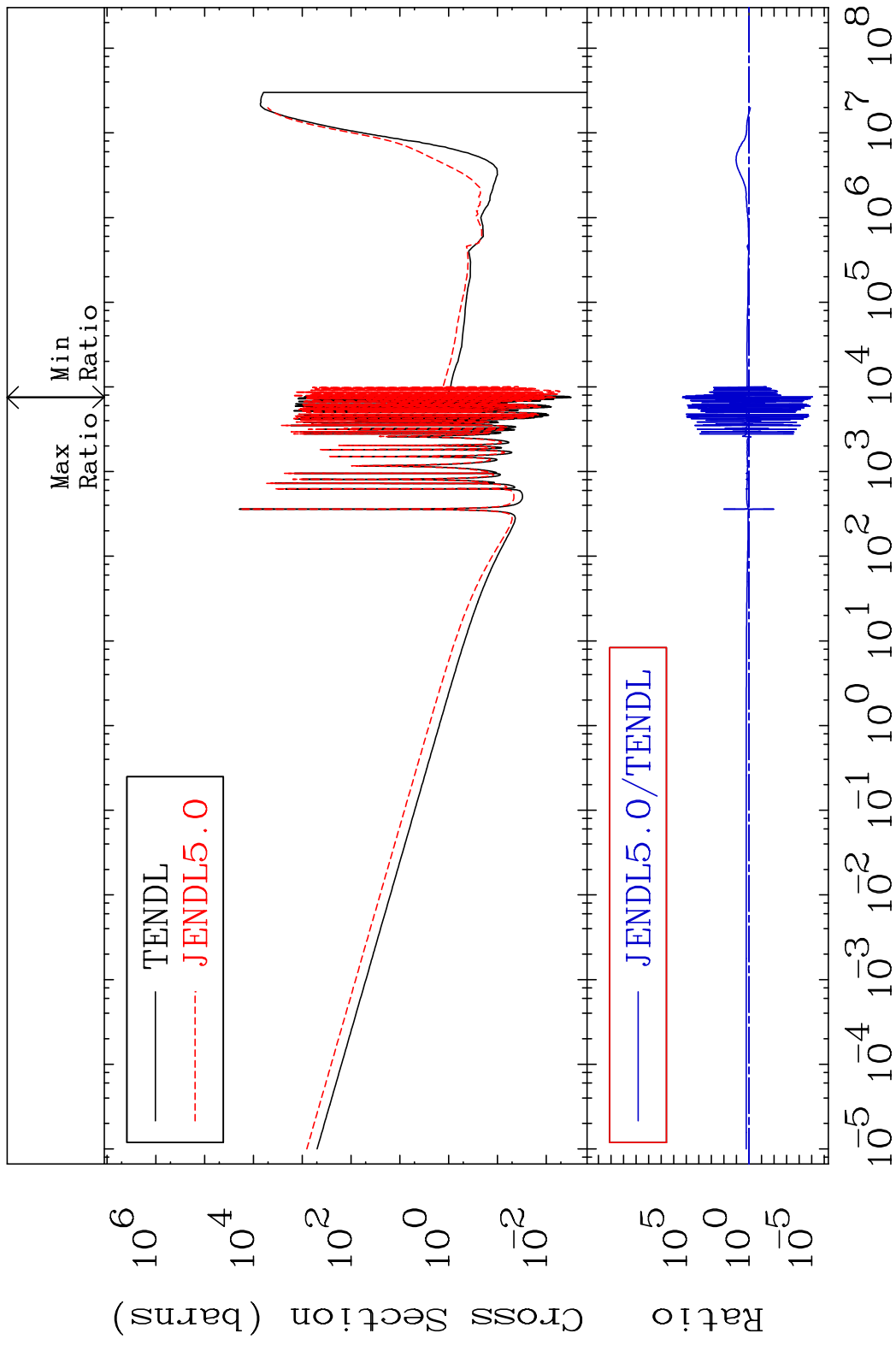
60-Nd-146

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

