

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

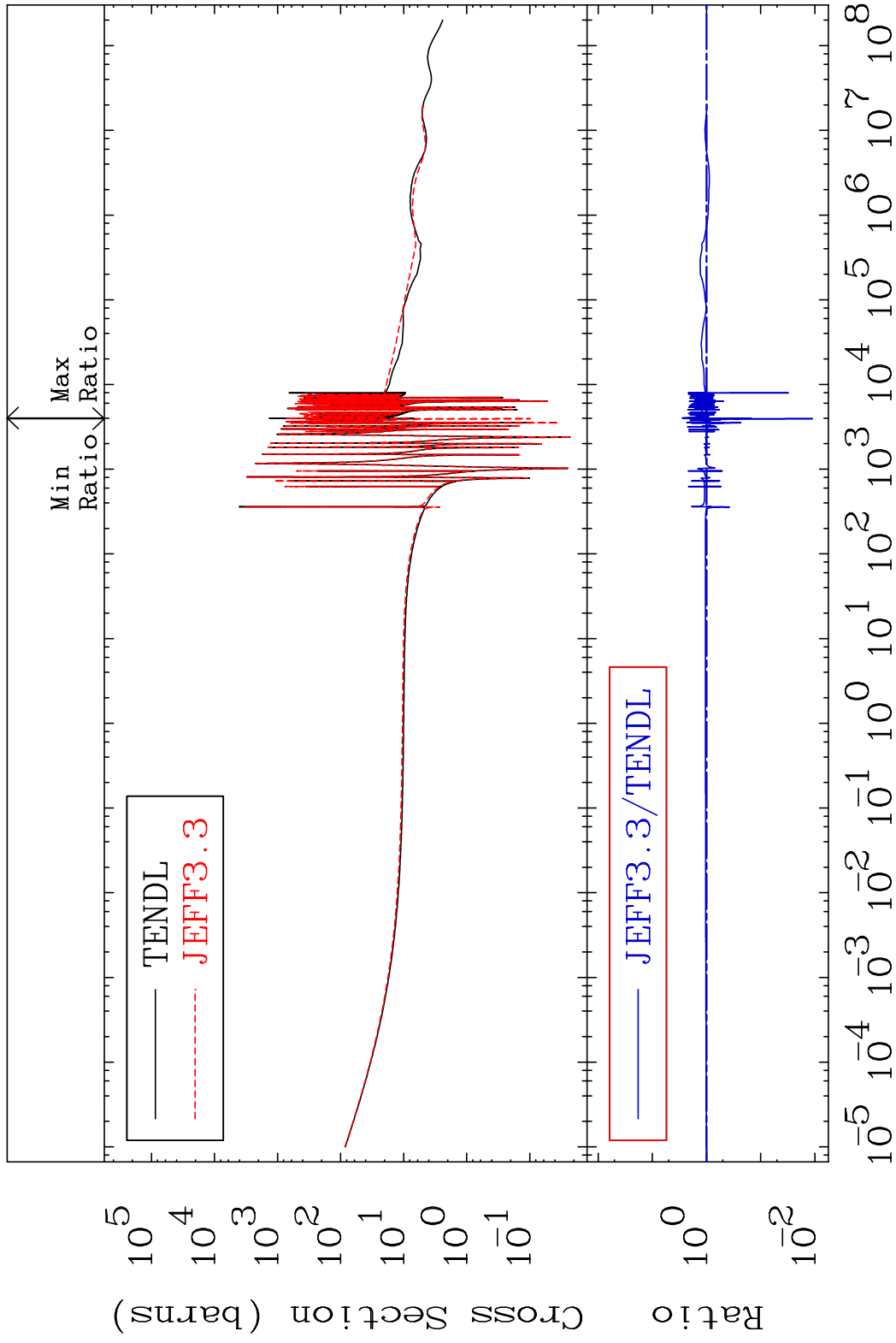
MAT 6037

Total

60-Nd-146

Cross Section

-98.90 To 179.2 %



1

Incident Energy (eV)

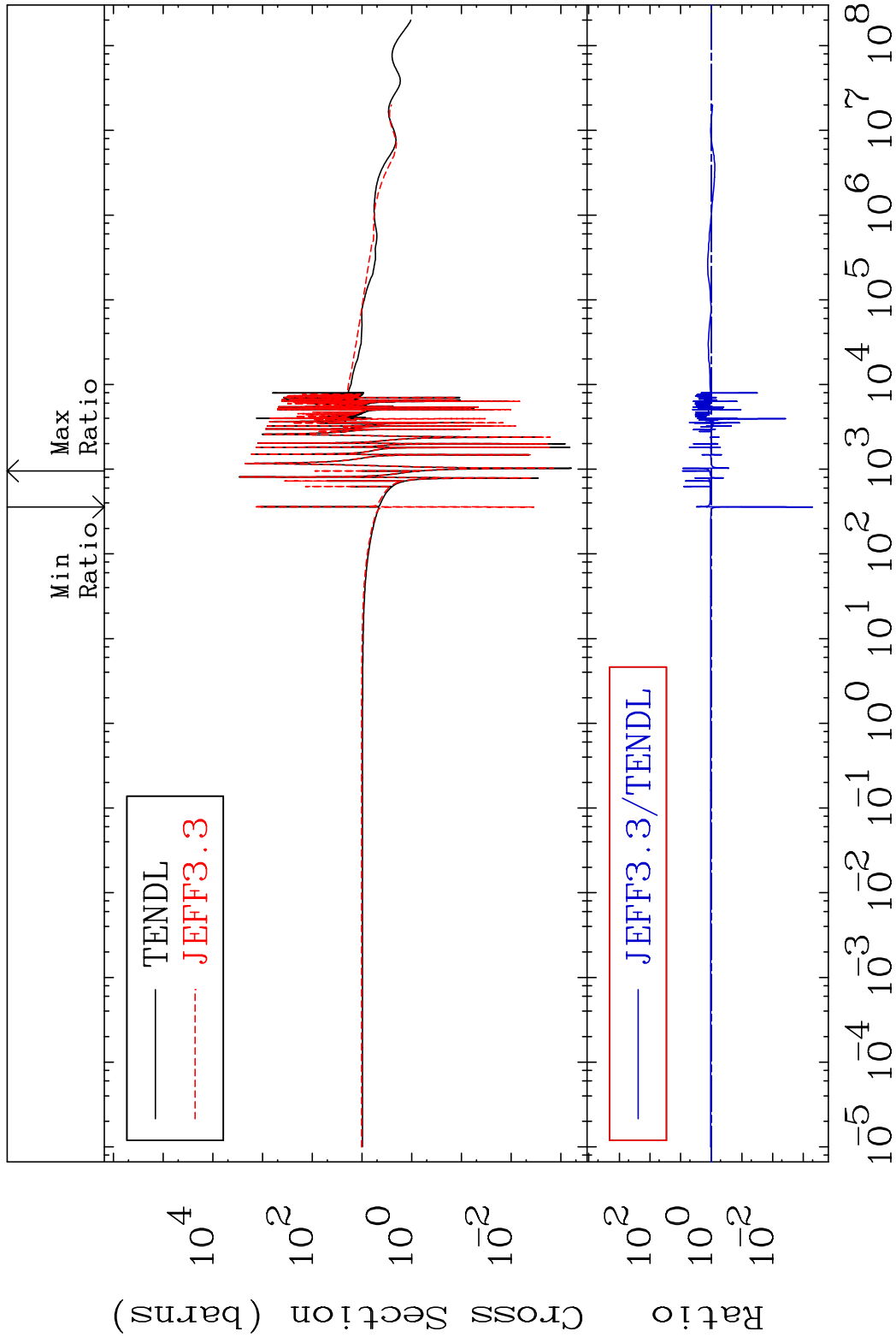
60-Nd-146

MAT 6037

Elastic

60-Nd-146

Cross Section -99.95 To 781.4 %



2

Incident Energy (eV)

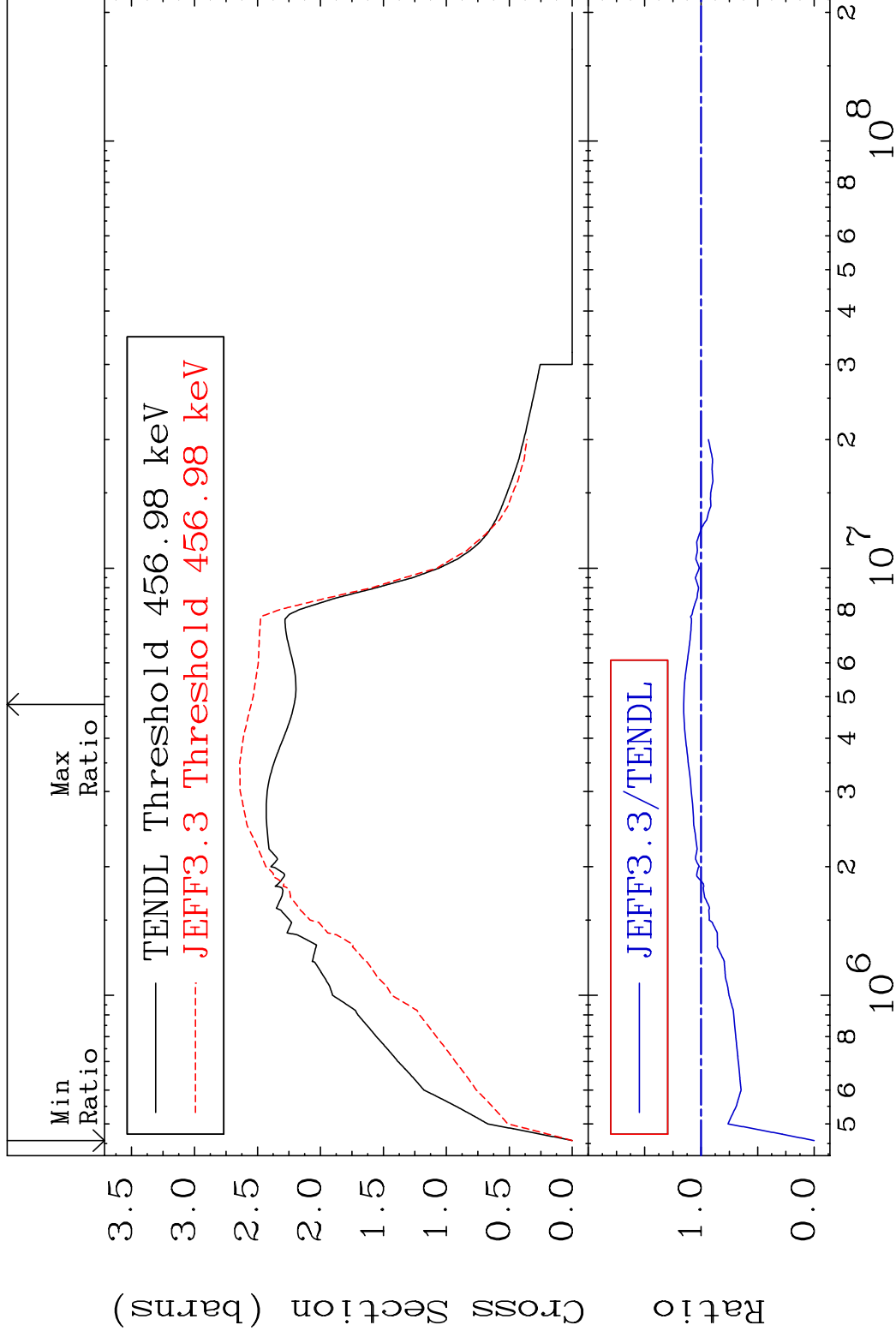
60-Nd-146

MAT 6037

Inelastic

60-Nd-146

Cross Section -100.0 To 15.49 %



3

Incident Energy (eV)

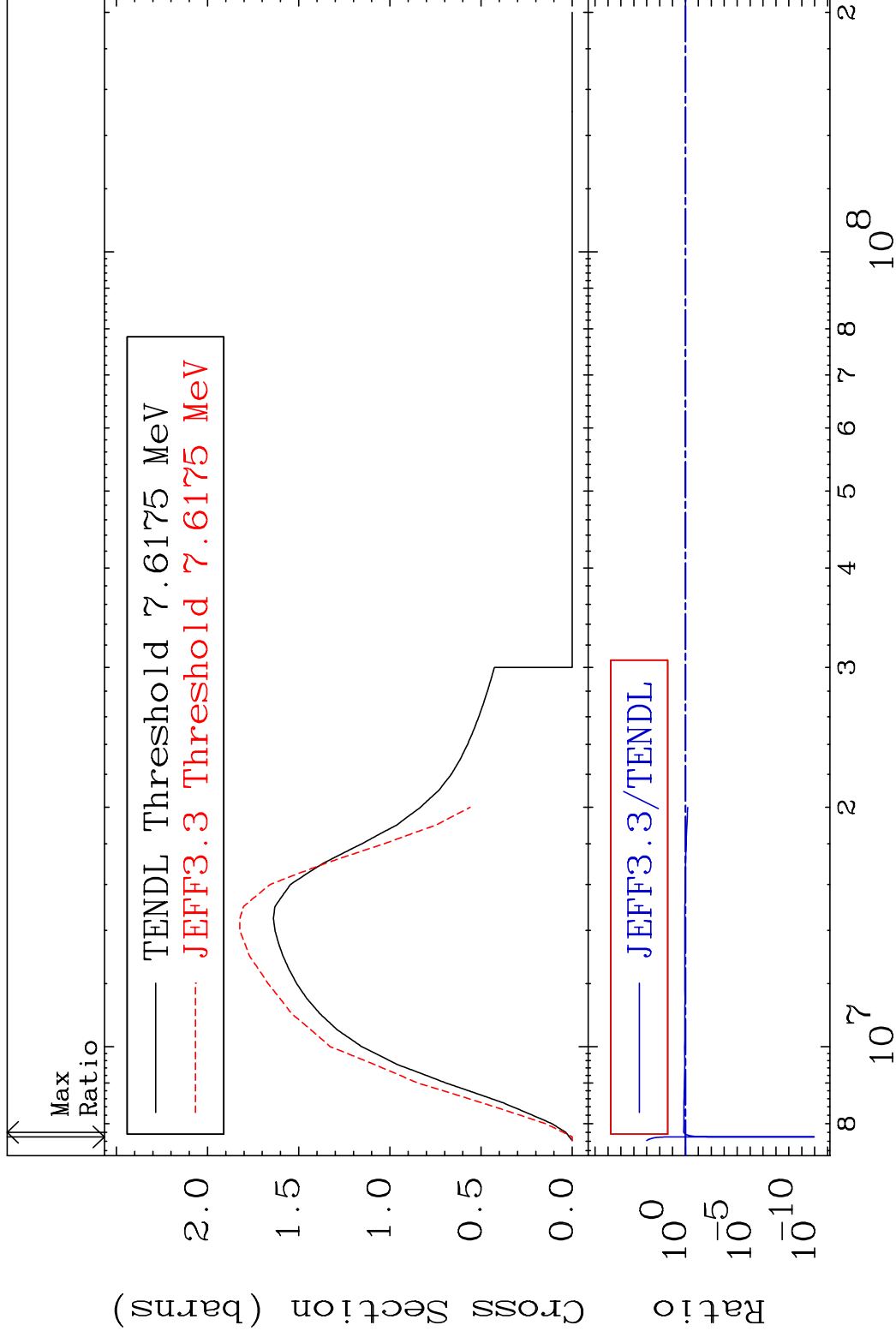
60-Nd-146

MAT 6037

(n,2n)

60-Nd-146

Cross Section -100.0 To 38.63 %



4

Incident Energy (eV)

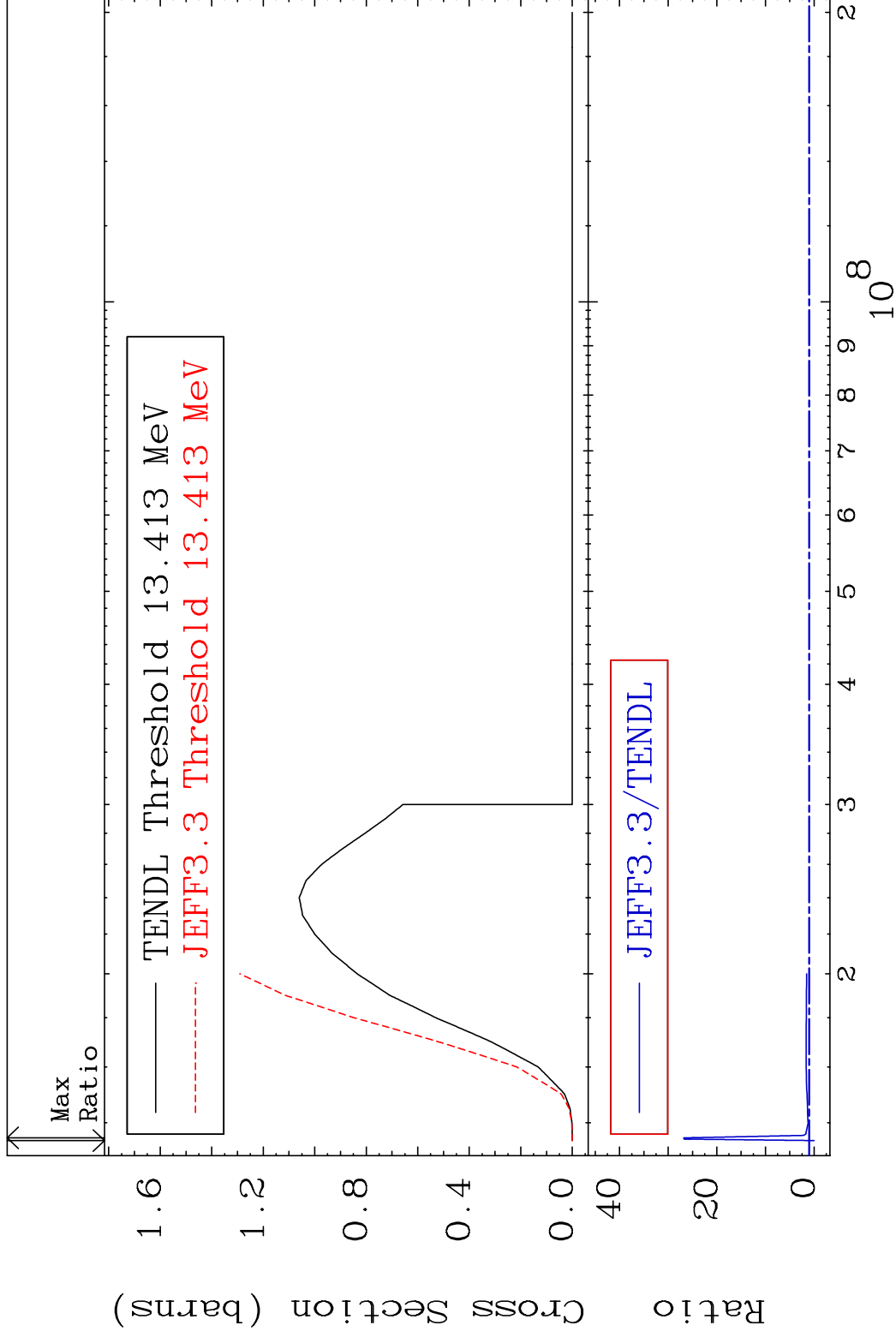
60-Nd-146

MAT 6037

(n,3n)

60-Nd-146

Cross Section -100.0 To 2582. %



5

Incident Energy (eV)

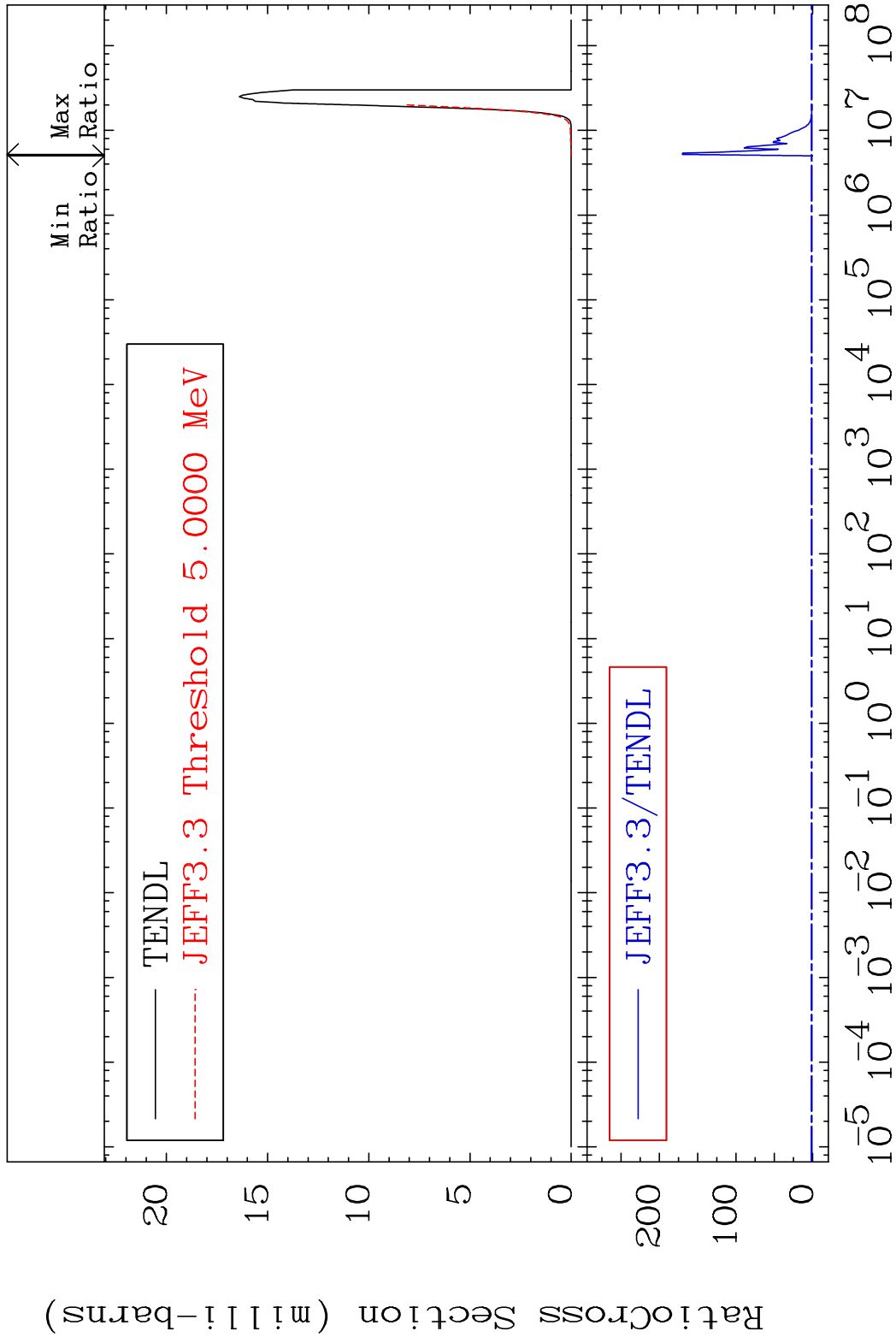
60-Nd-146

MAT 6037

(n, n') α

60-Nd-146

Cross Section -100.0 To 9999. %

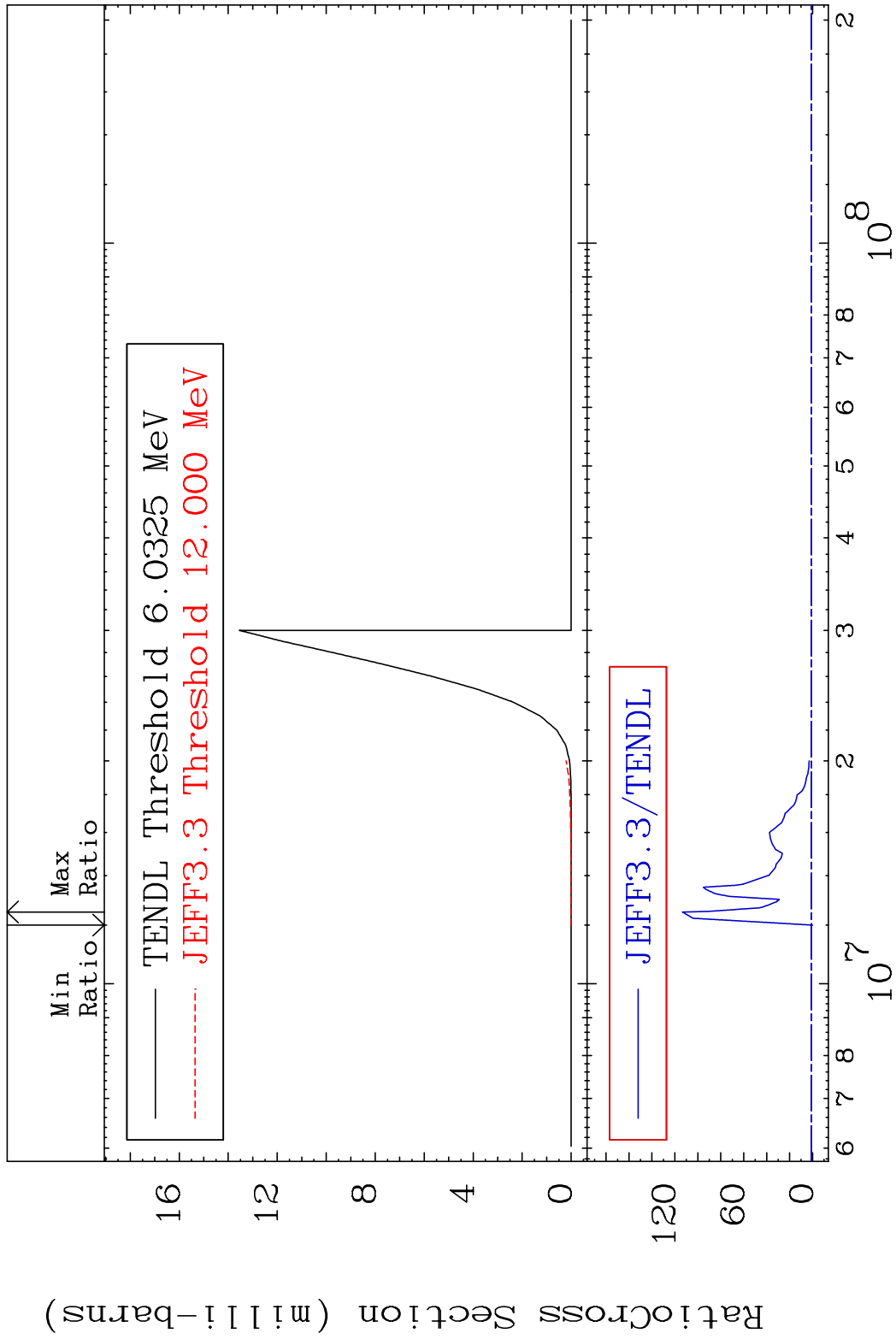


MAT 6037

(n,2n) α

60-Nd-146

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

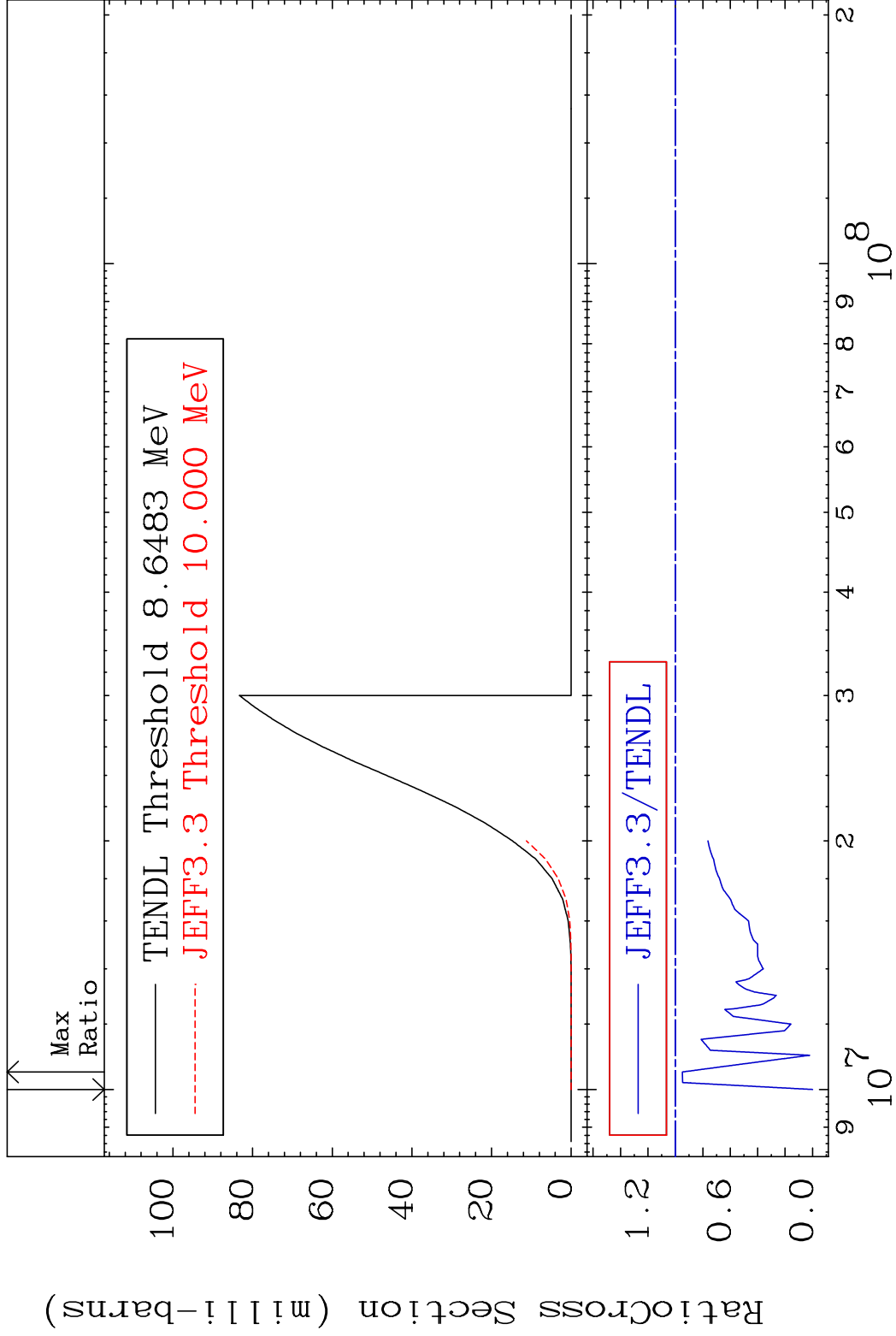
60-Nd-146

MAT 6037

(n, n') p

60-Nd-146

Cross Section -100.0 To -5.072%

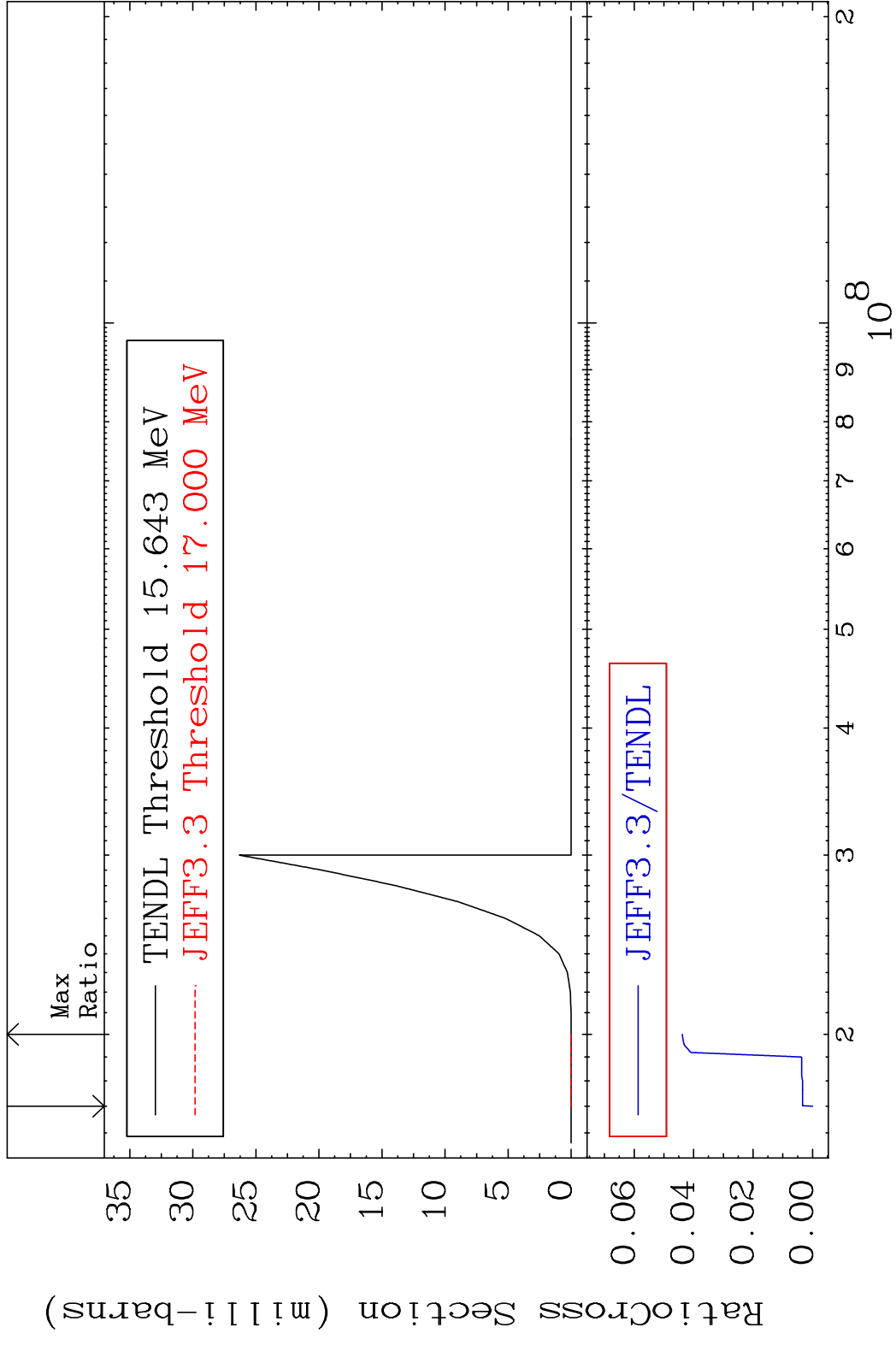


8

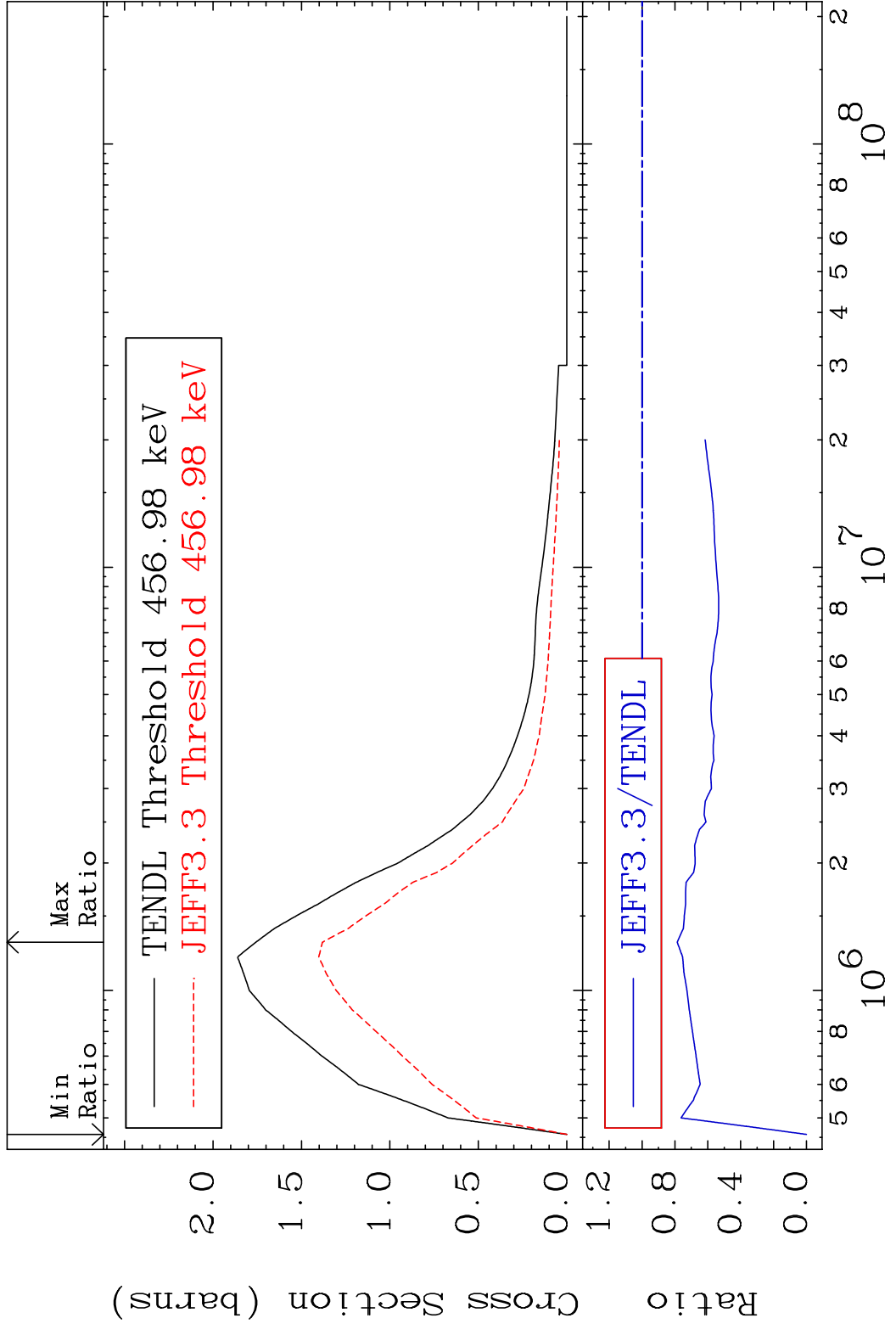
Incident Energy (eV)

60-Nd-146

MAT 6037 (n,2n) p 60-Nd-146
 Cross Section -100.0 To -95.62%

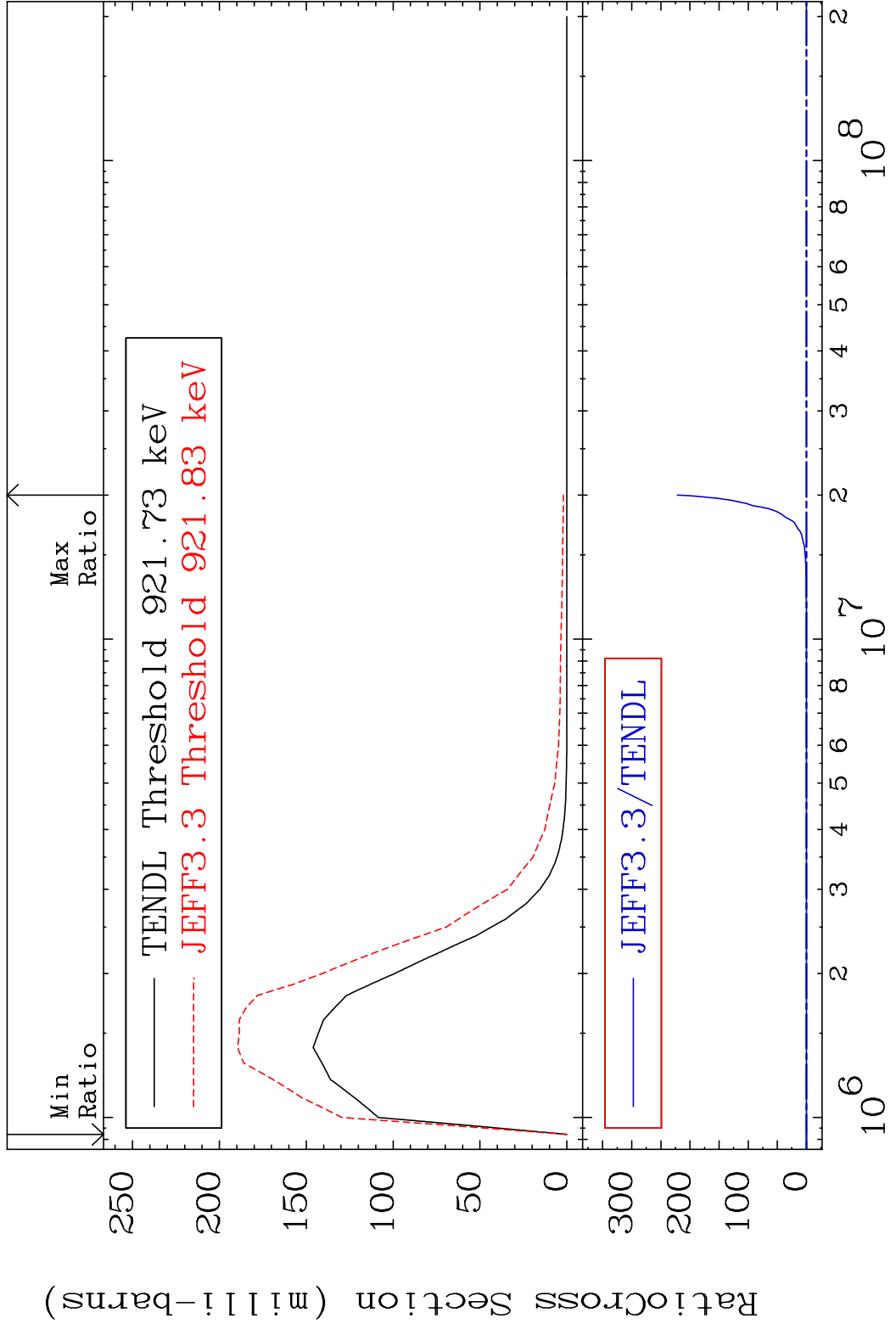


MAT 6037 MT= 51 (n, n') Level 60-Nd-146
 Cross Section -100.0 To -21.38%



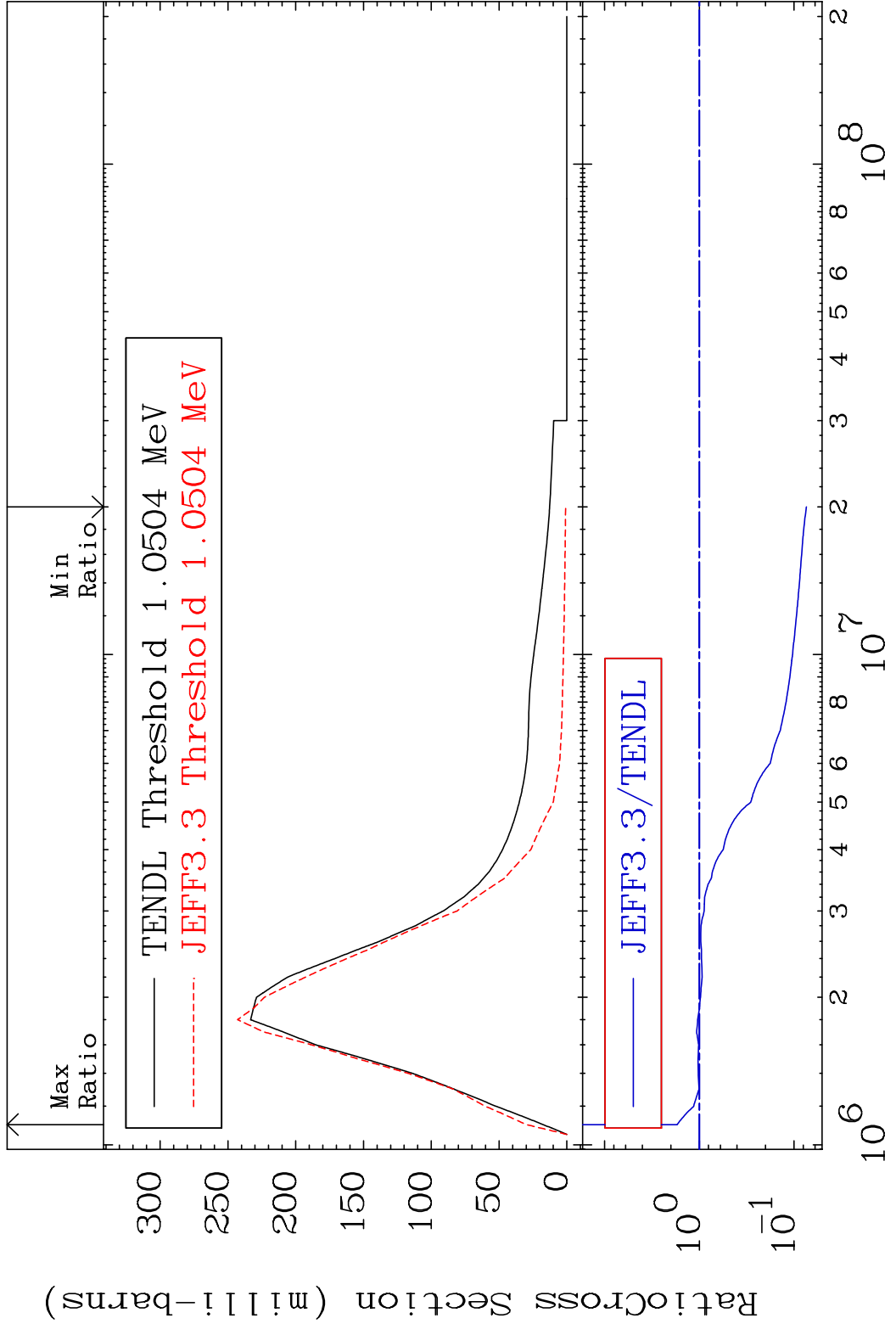
10 Incident Energy (eV) 60-Nd-146

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



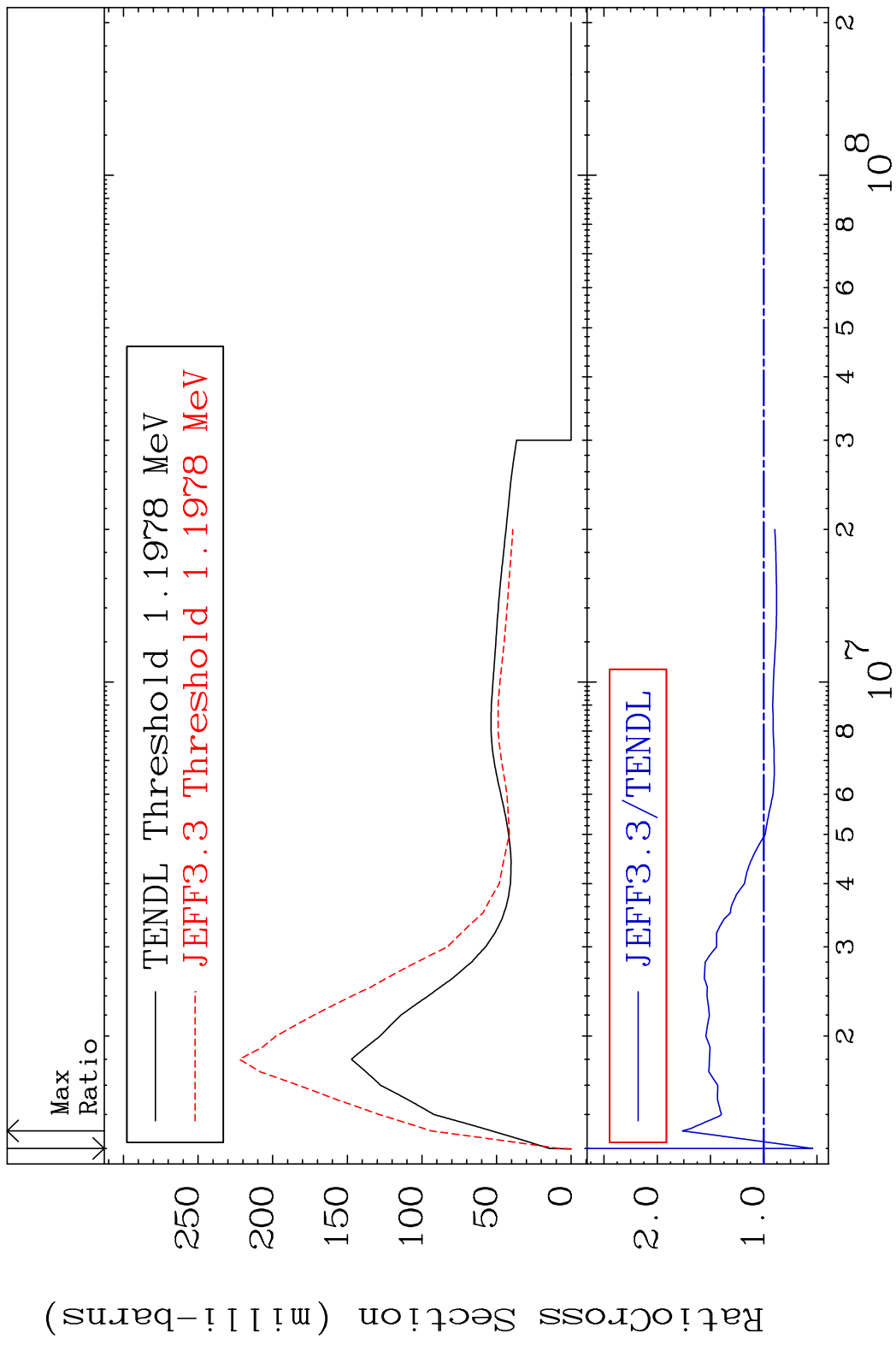
11 Incident Energy (eV) 60-Nd-146

MAT 6037 MT= 53 (n, n') Level 60-Nd-146
 Cross Section -92.59 To 71.39 %

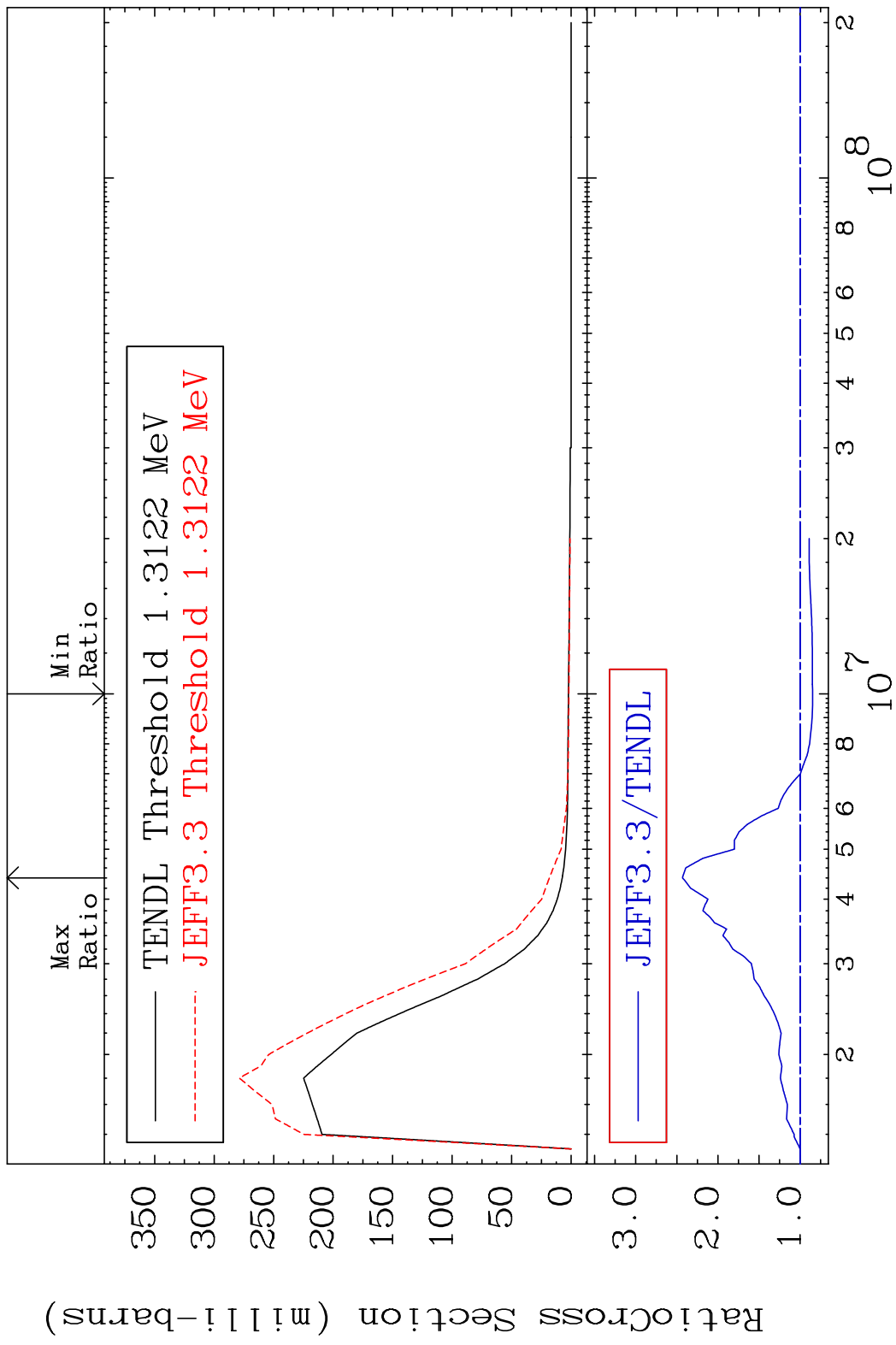


12 Incident Energy (eV) 60-Nd-146

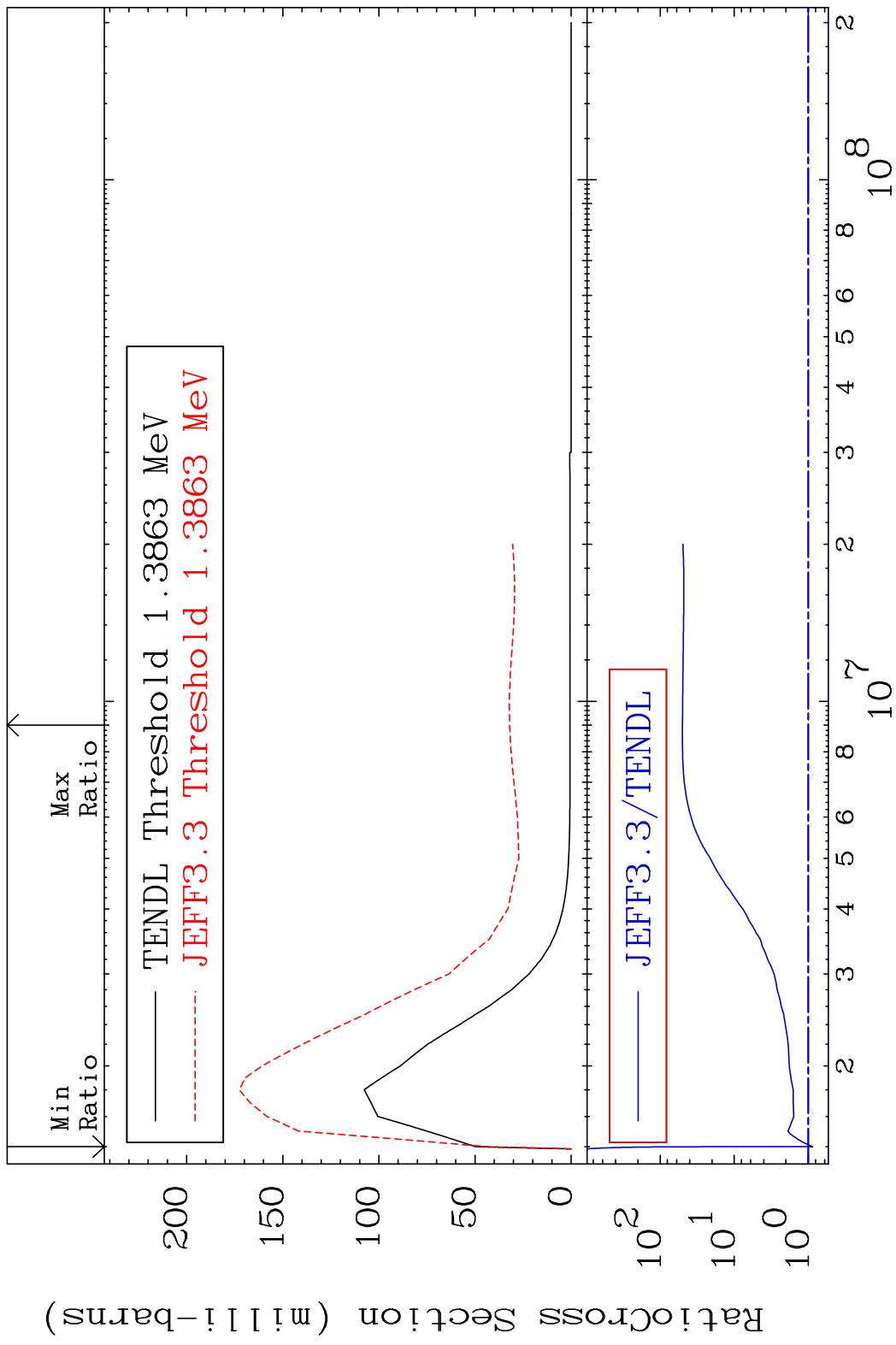
MAT 6037 MT= 54 (n, n') Level 60-Nd-146
 Cross Section -45.78 To 76.41 %



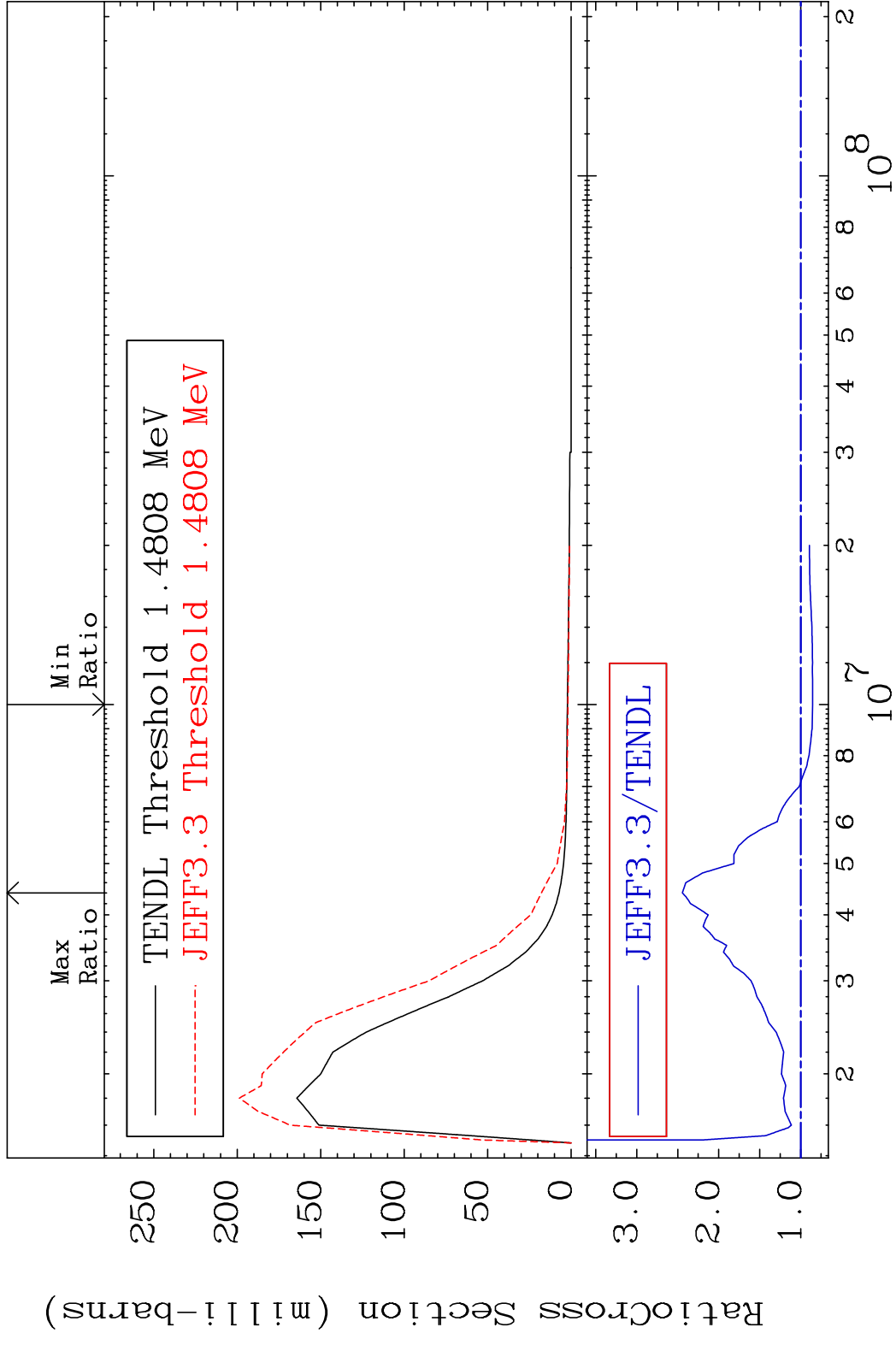
MAT 6037 MT= 55 (n,n') Level 60-Nd-146
 Cross Section -15.13 To 143.3 %



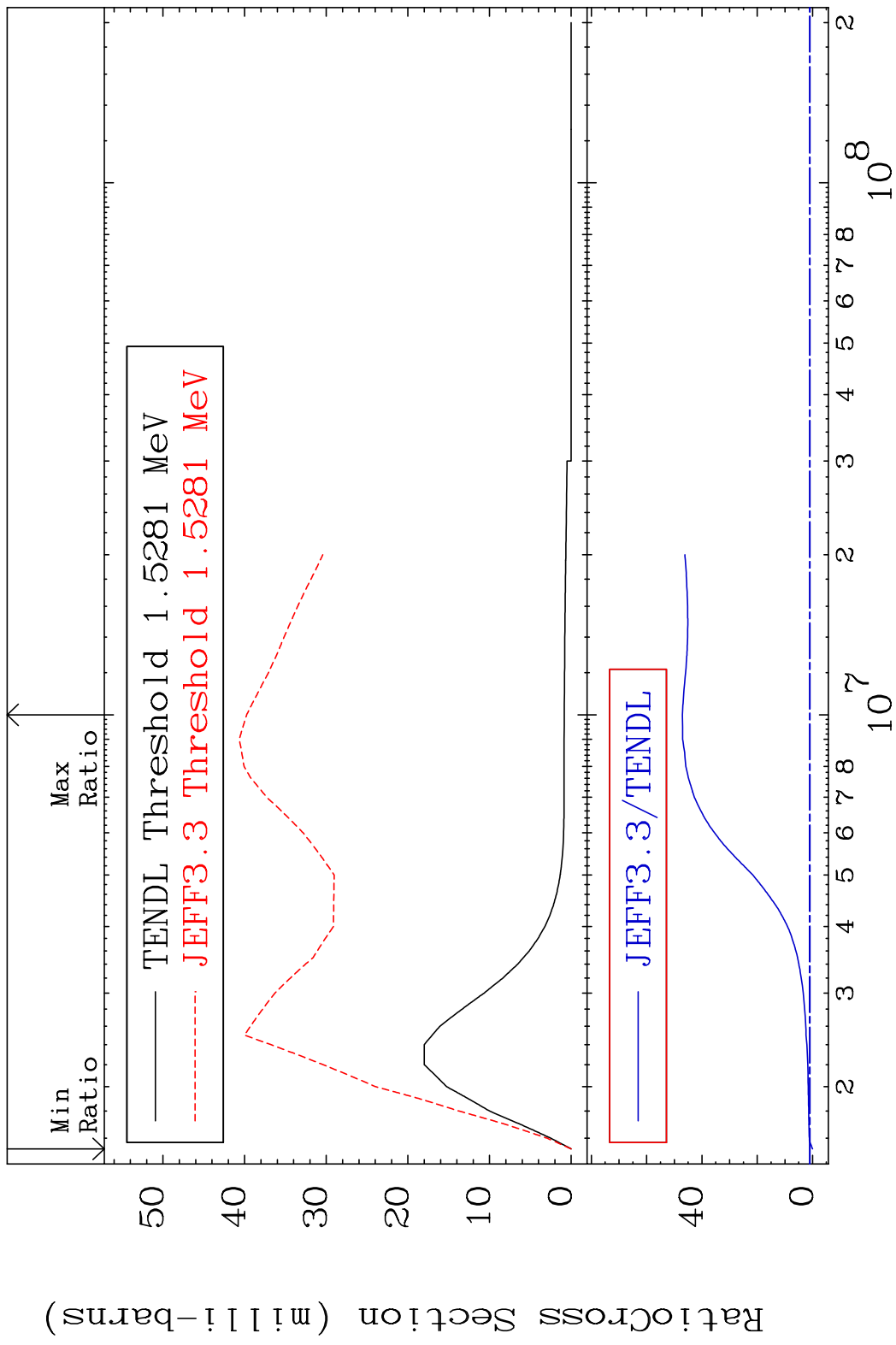
MAT 6037 MT= 56 (n,n') Level 60-Nd-146
 Cross Section -12.32 To 4917. %



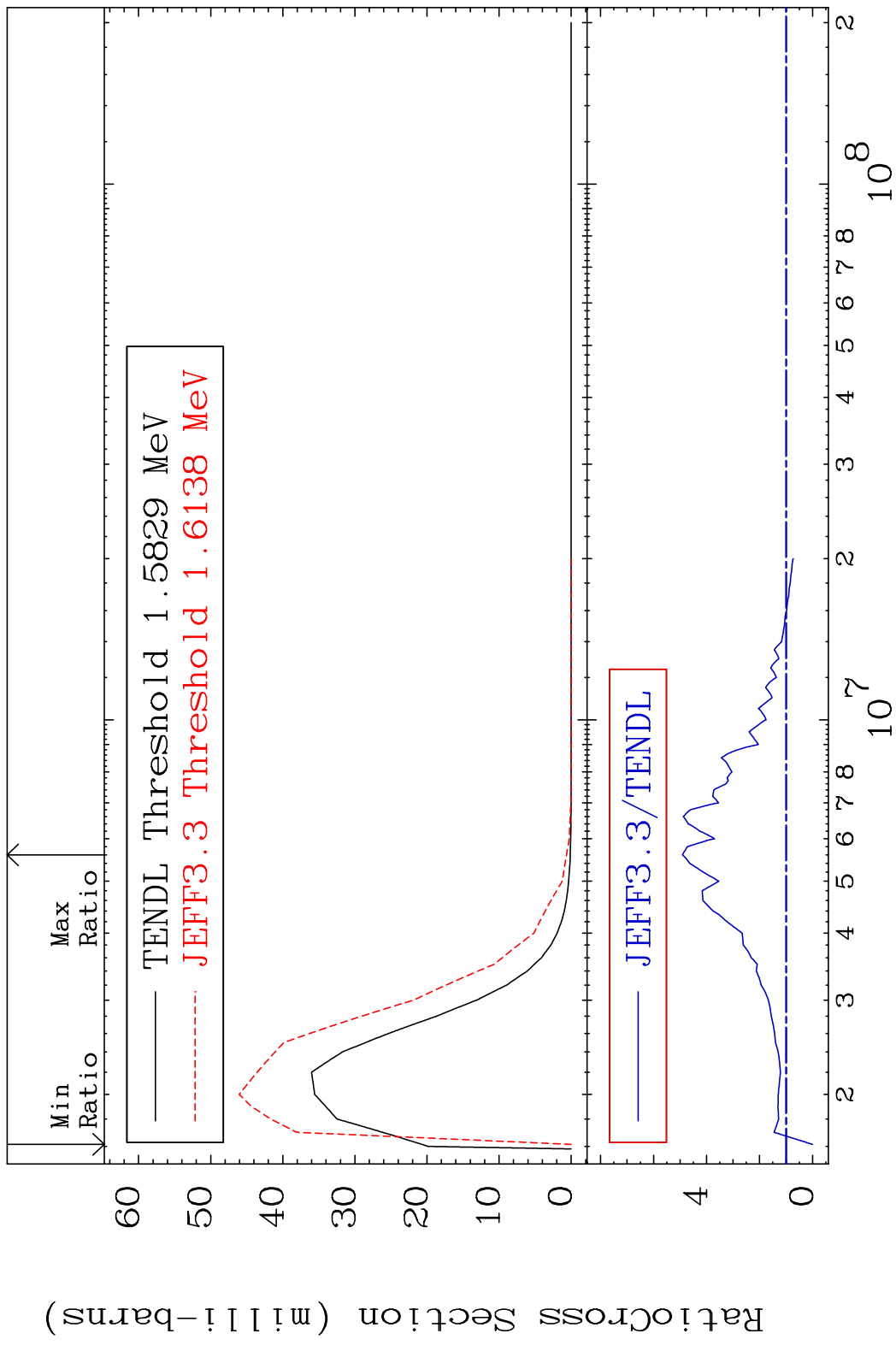
MAT 6037 MT= 57 (n,n') Level 60-Nd-146
 Cross Section -14.52 To 144.4 %



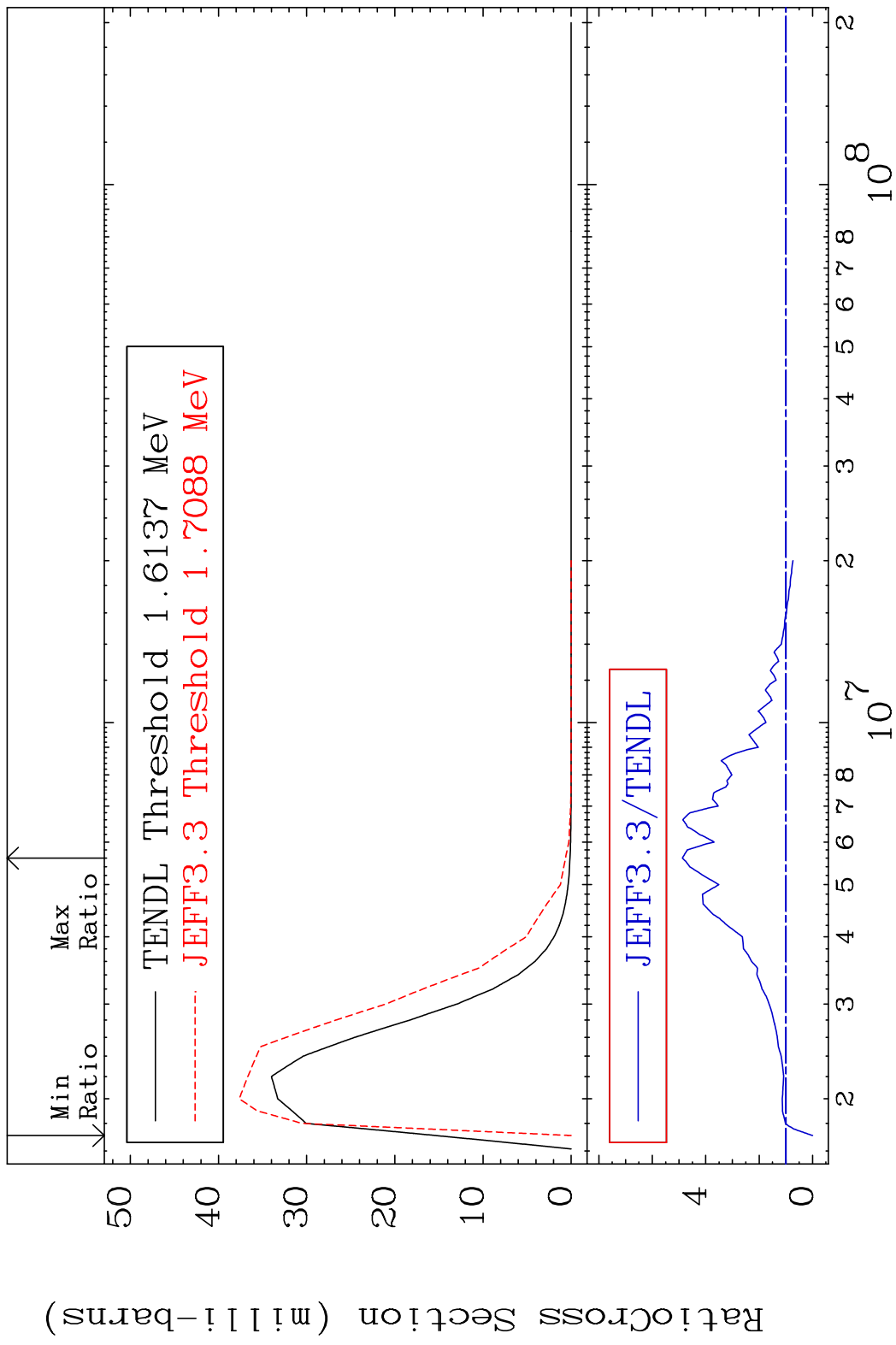
MAT 6037 MT= 58 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 4609. %



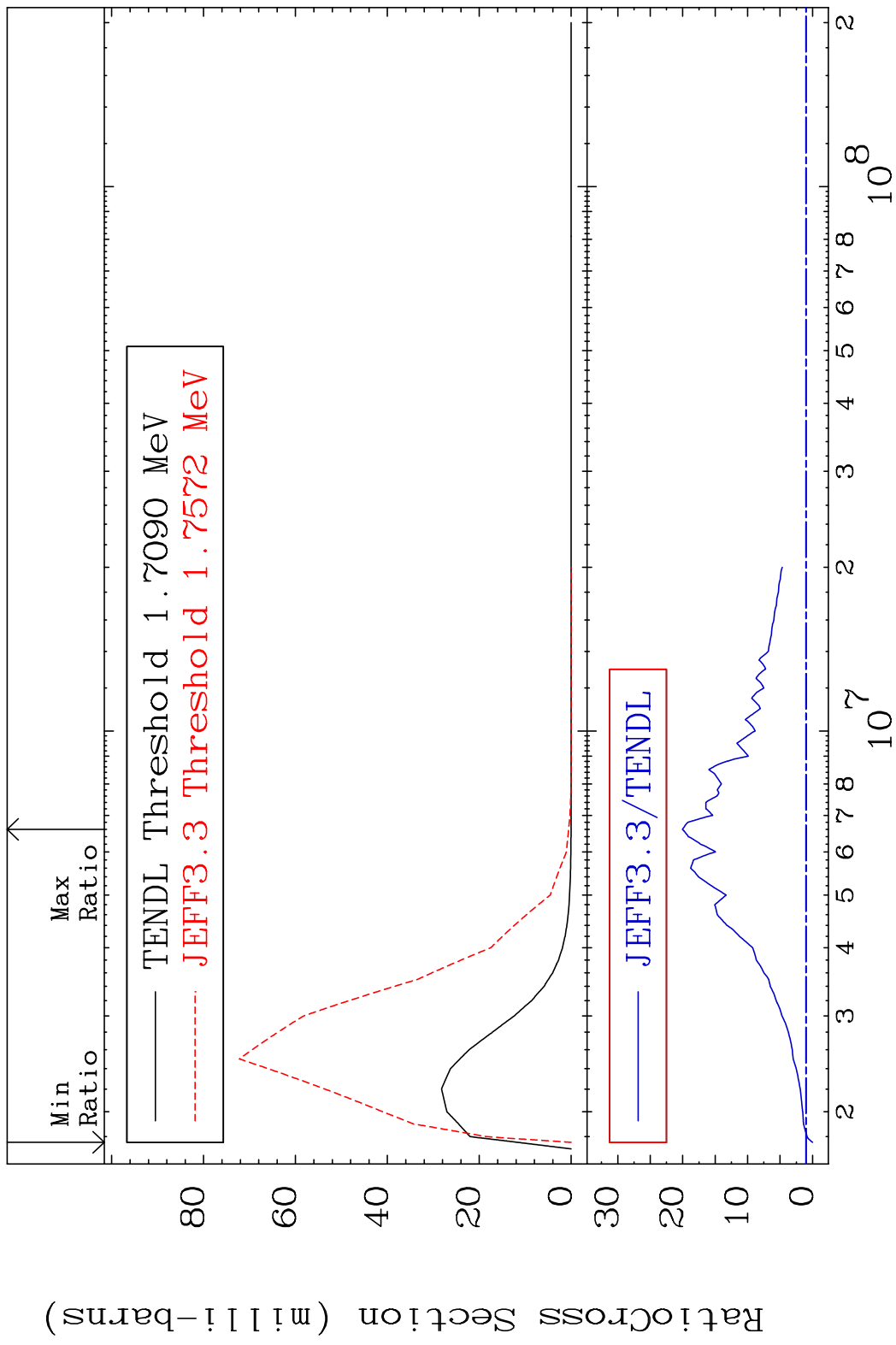
MAT 6037 MT= 59 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 391.4 %



MAT 6037 MT= 60 (n,n') Level 60-Nd-146
 Cross Section -100.0 To 387.4 %

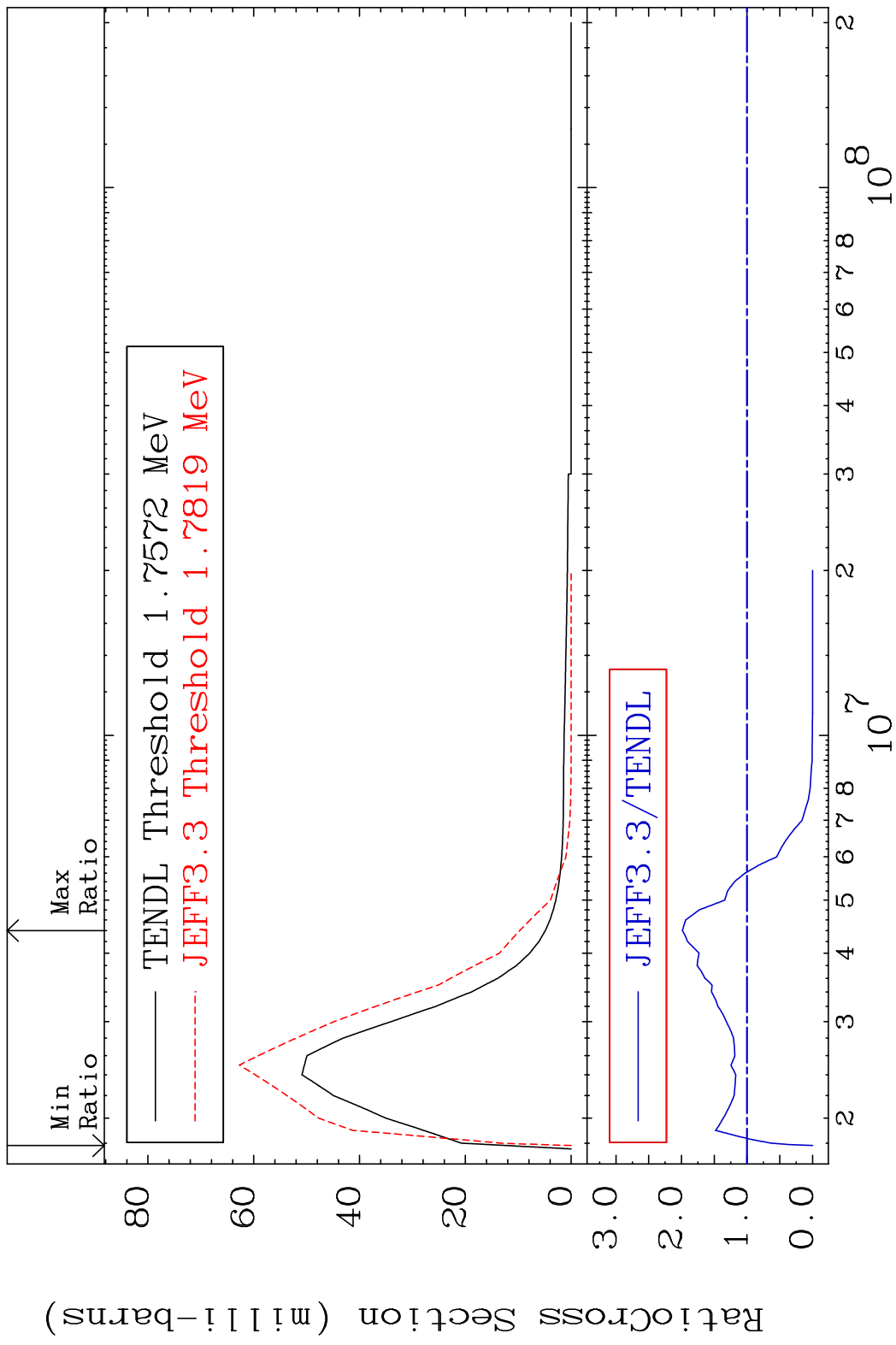


MAT 6037 MT= 61 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 1905. %

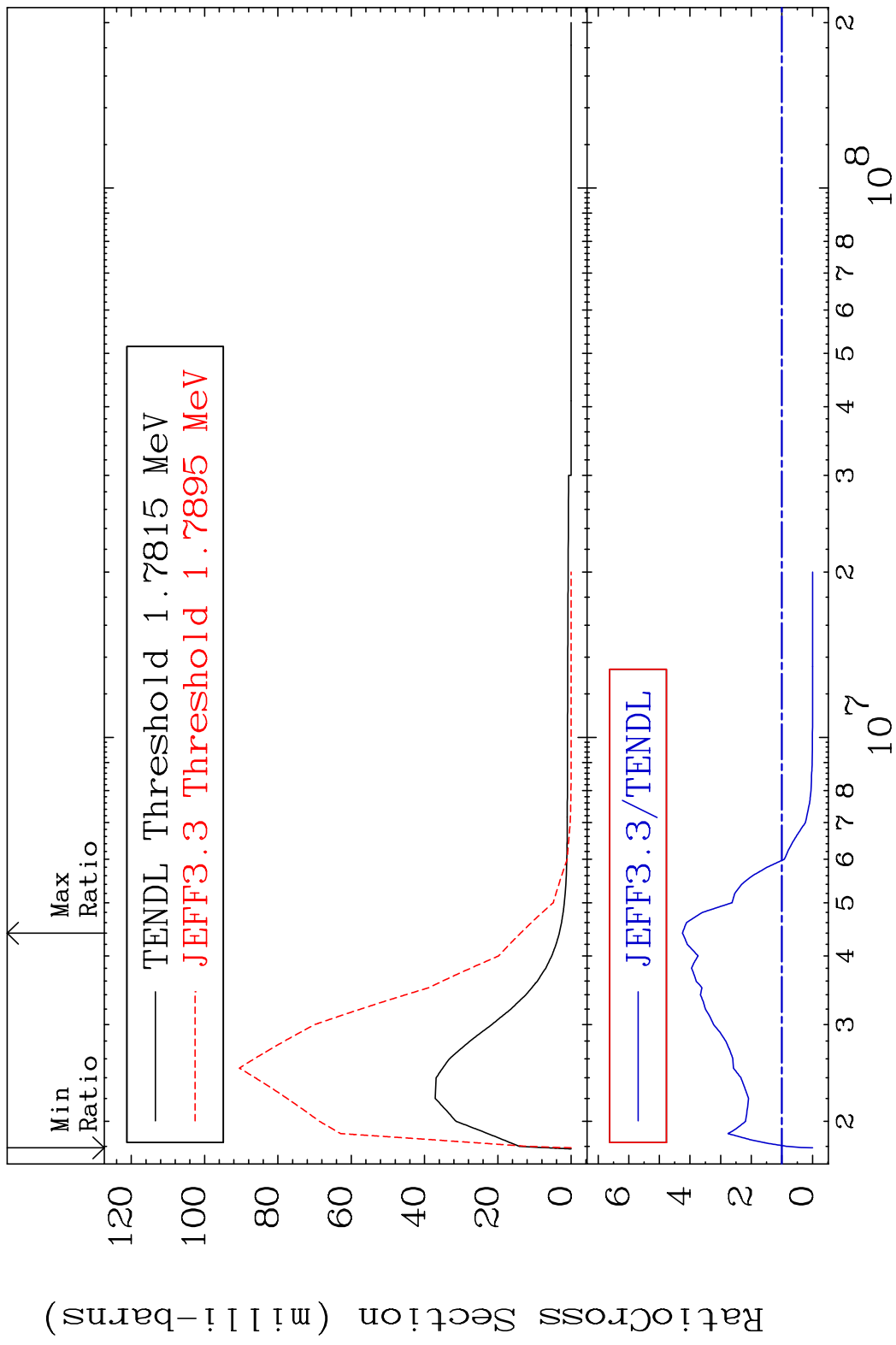


20 Incident Energy (eV) 60-Nd-146

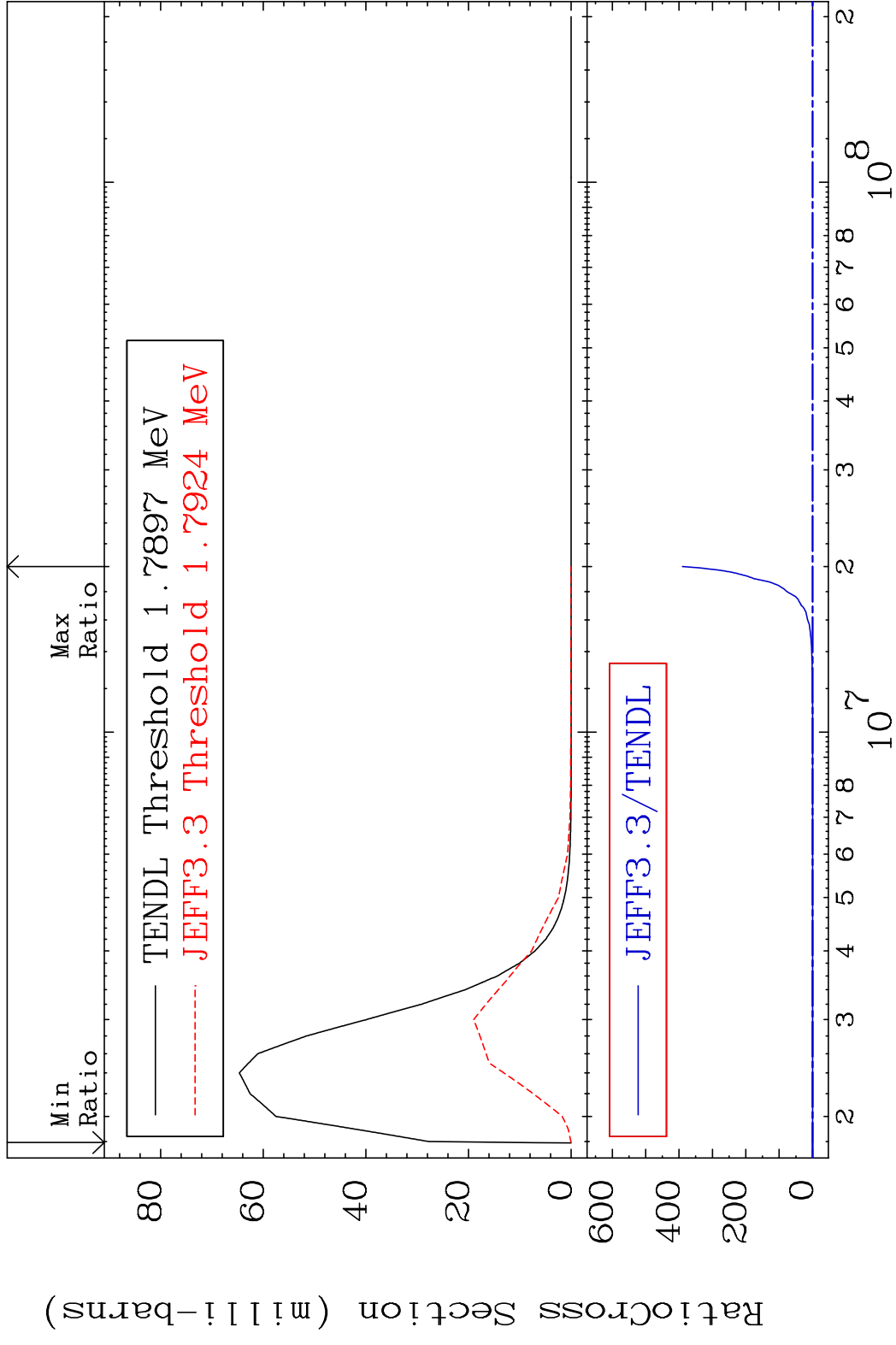
MAT 6037 MT= 62 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 98.68 %



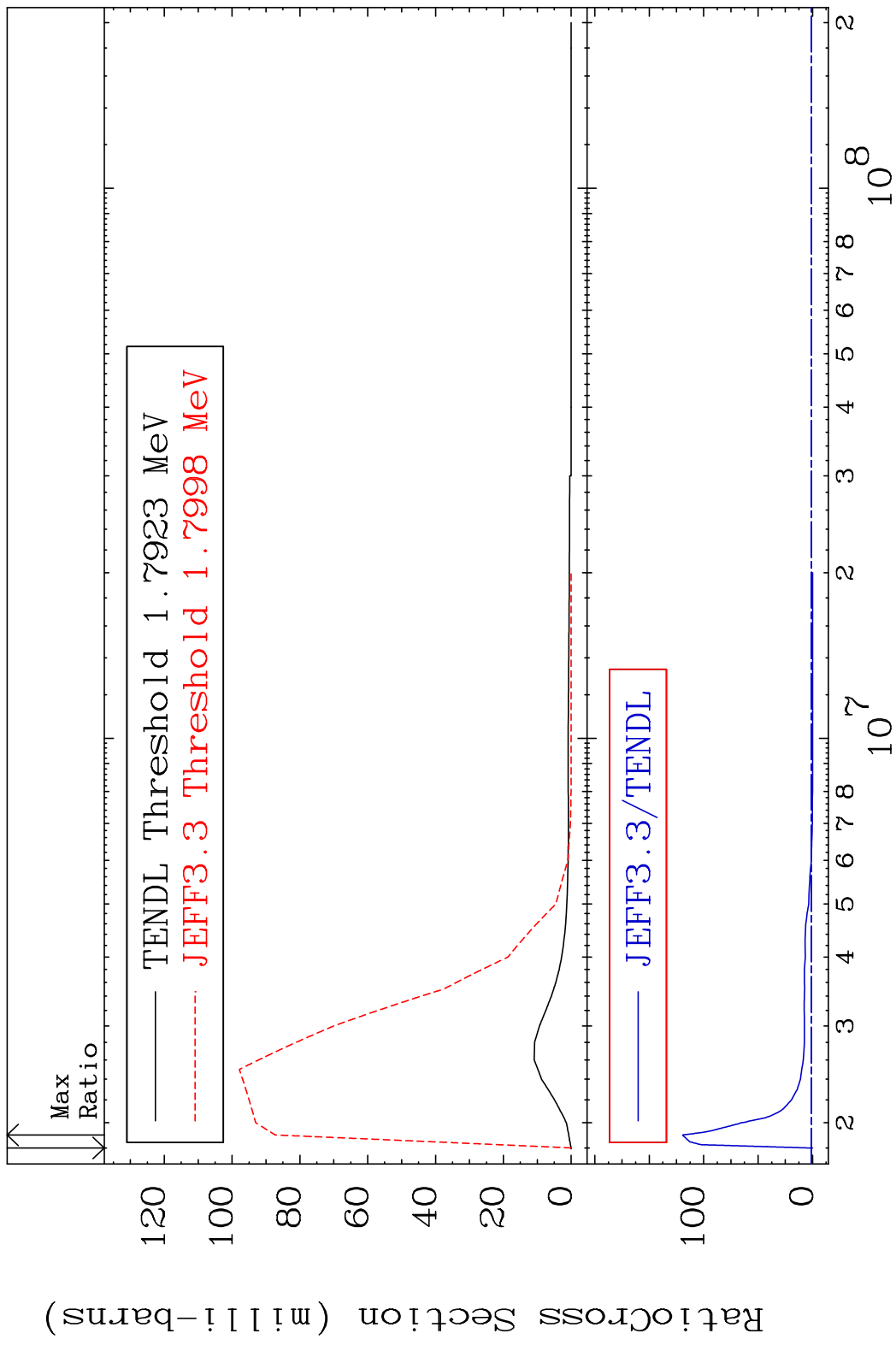
MAT 6037 MT= 63 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 325.0 %



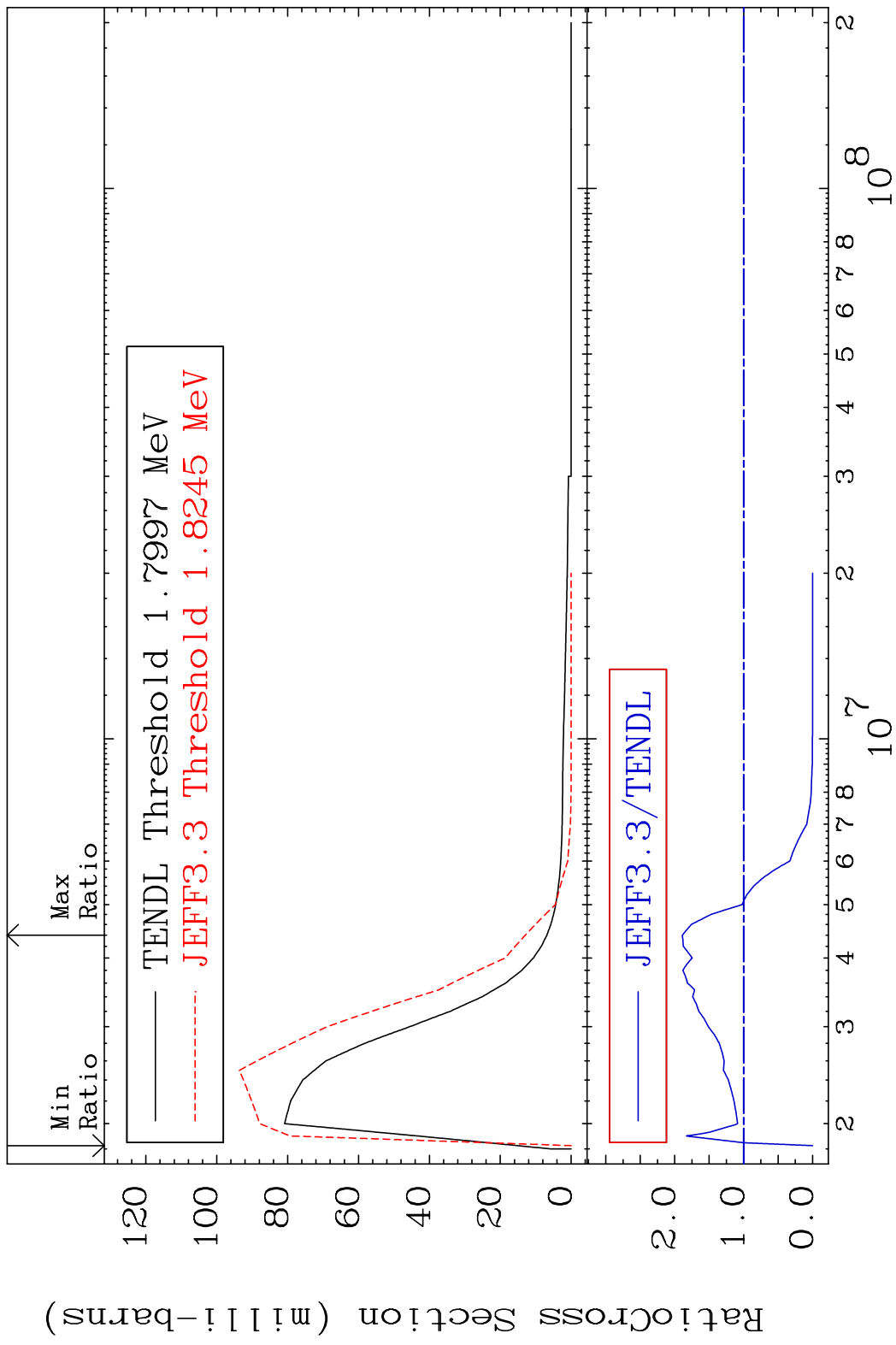
MAT 6037 MT= 64 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 9999. %



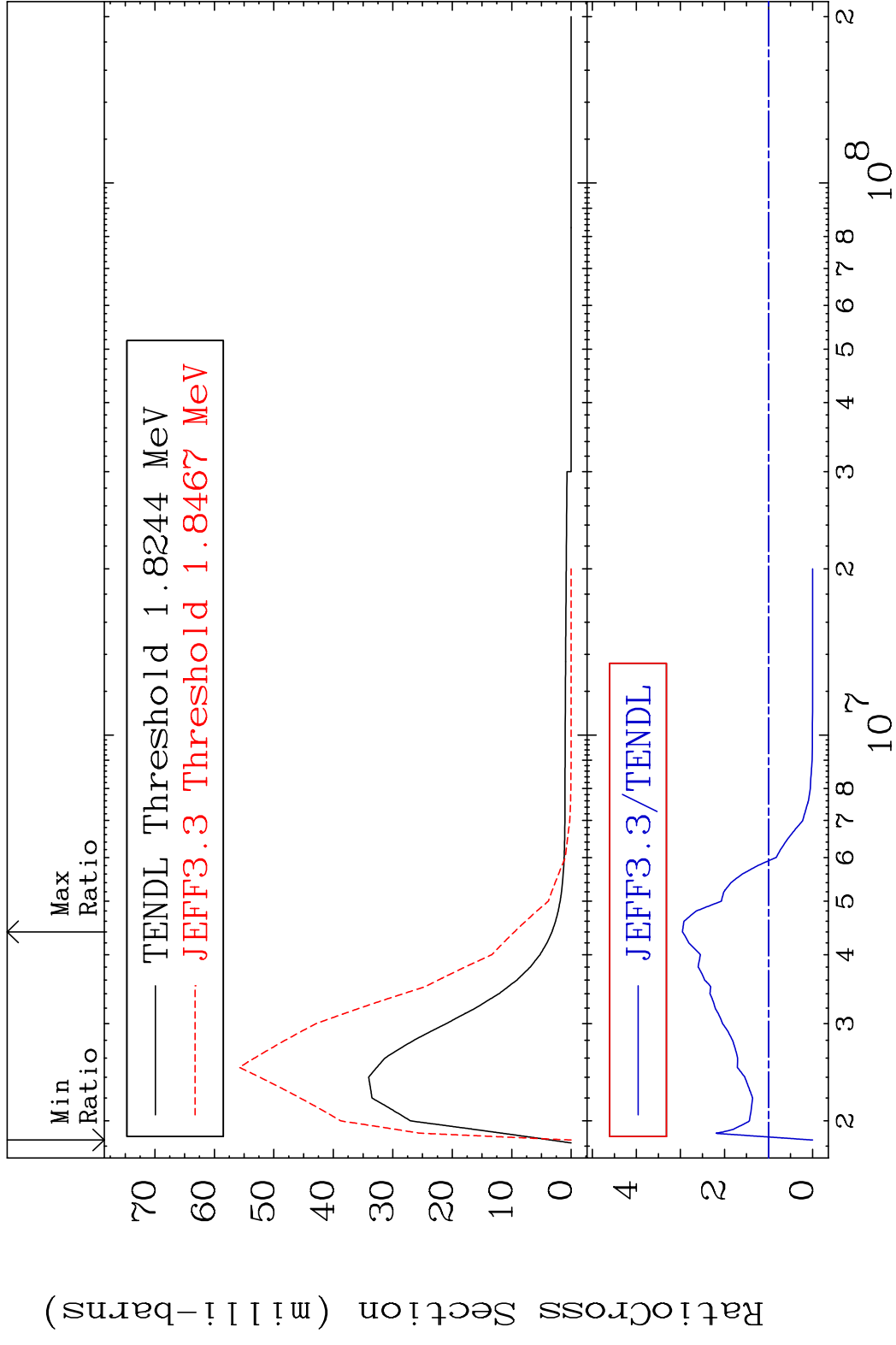
MAT 6037 MT= 65 (n,n') Level 60-Nd-146
 Cross Section -100.0 To 9999. %



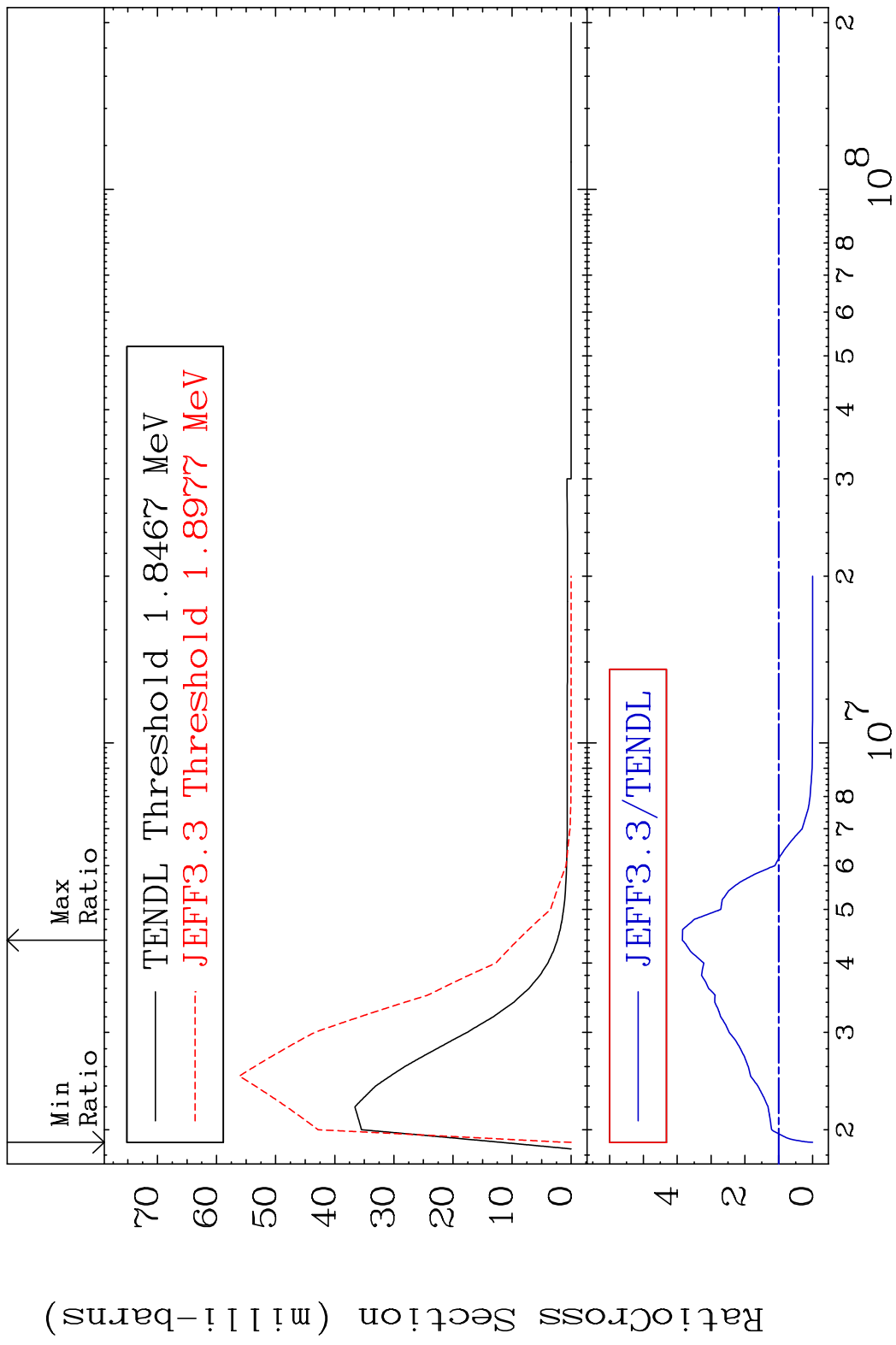
MAT 6037 MT= 66 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 88.89 %



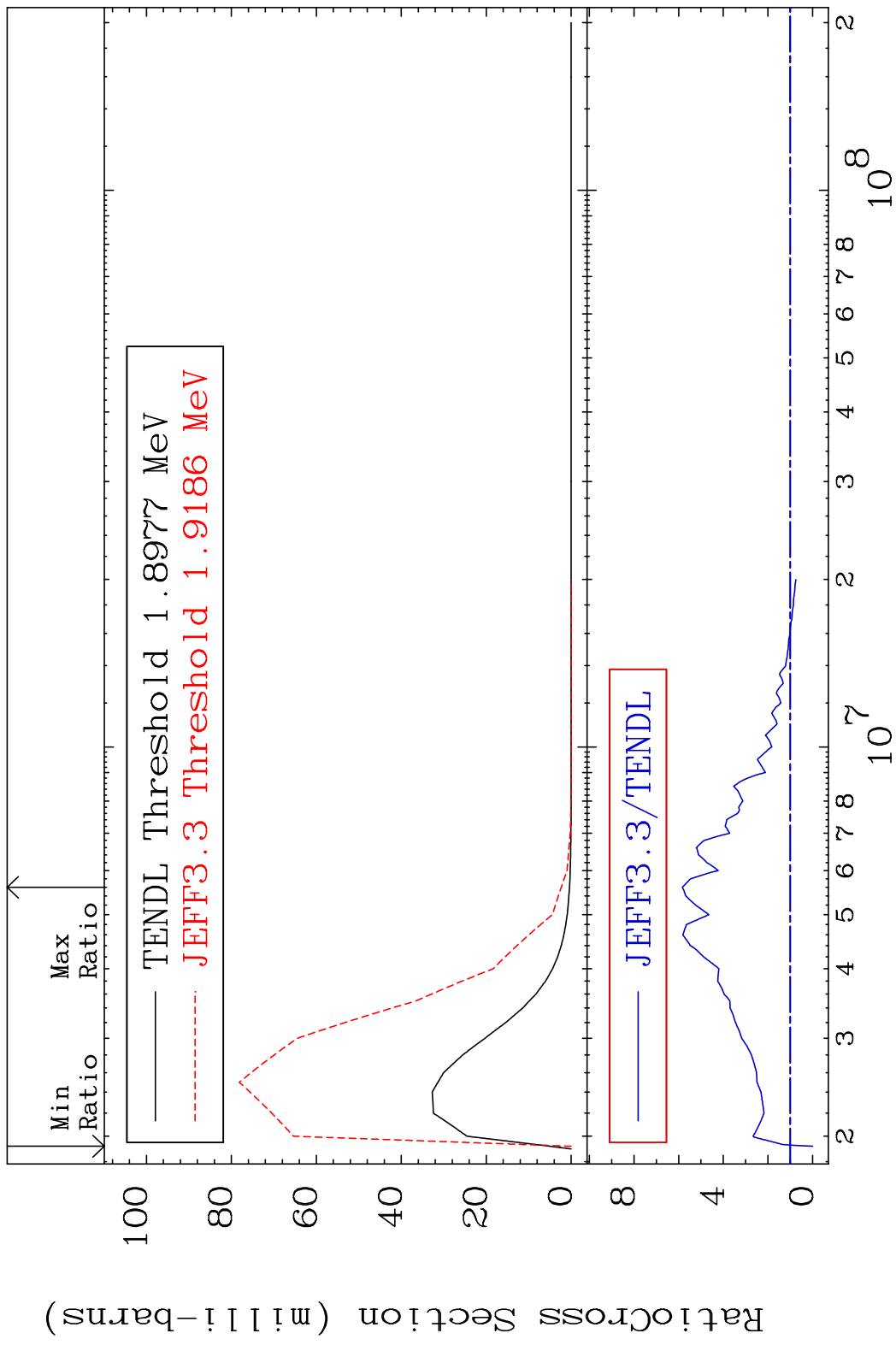
MAT 6037 MT= 67 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 195.7 %



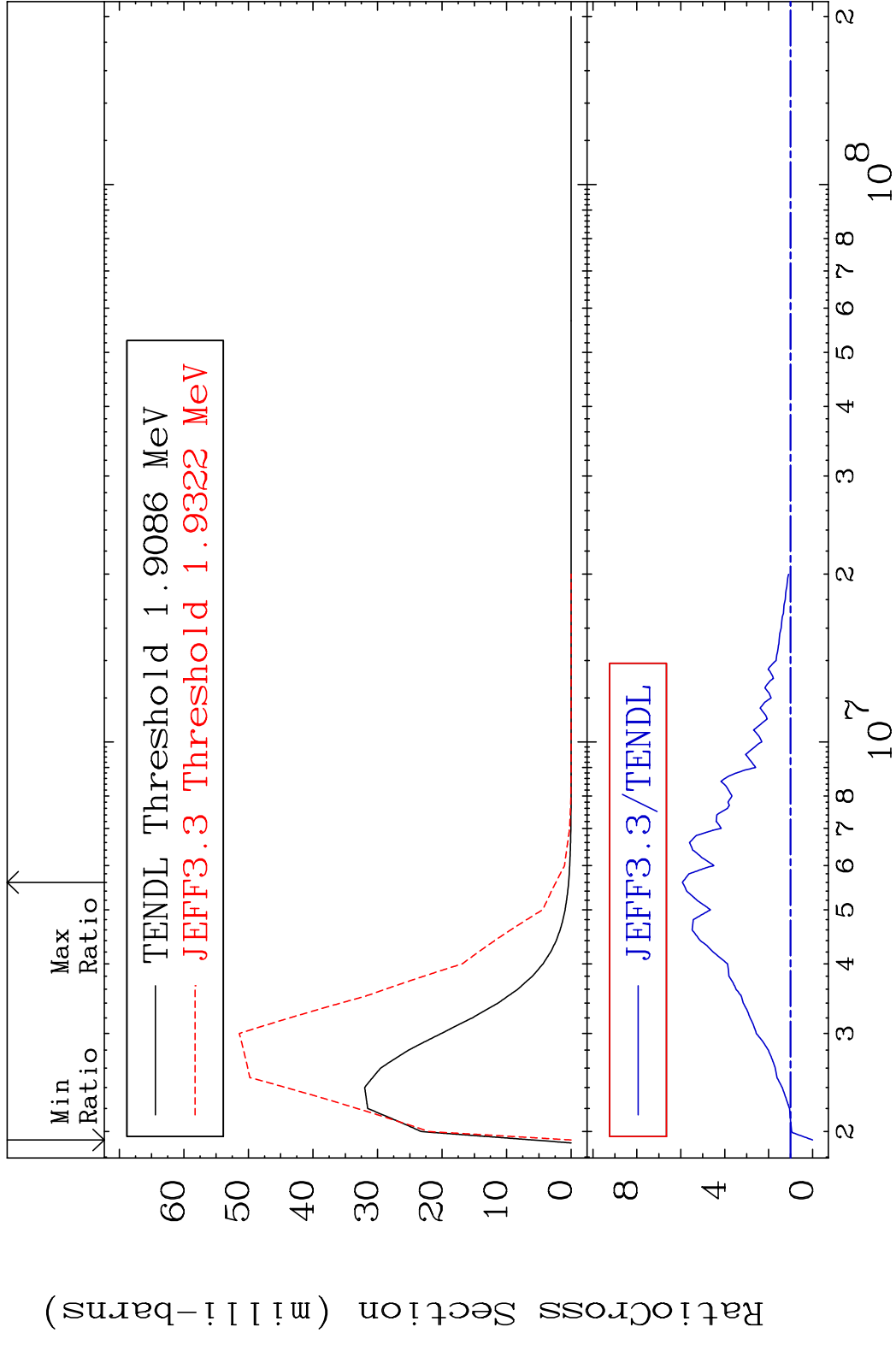
MAT 6037 MT= 68 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 284.9 %



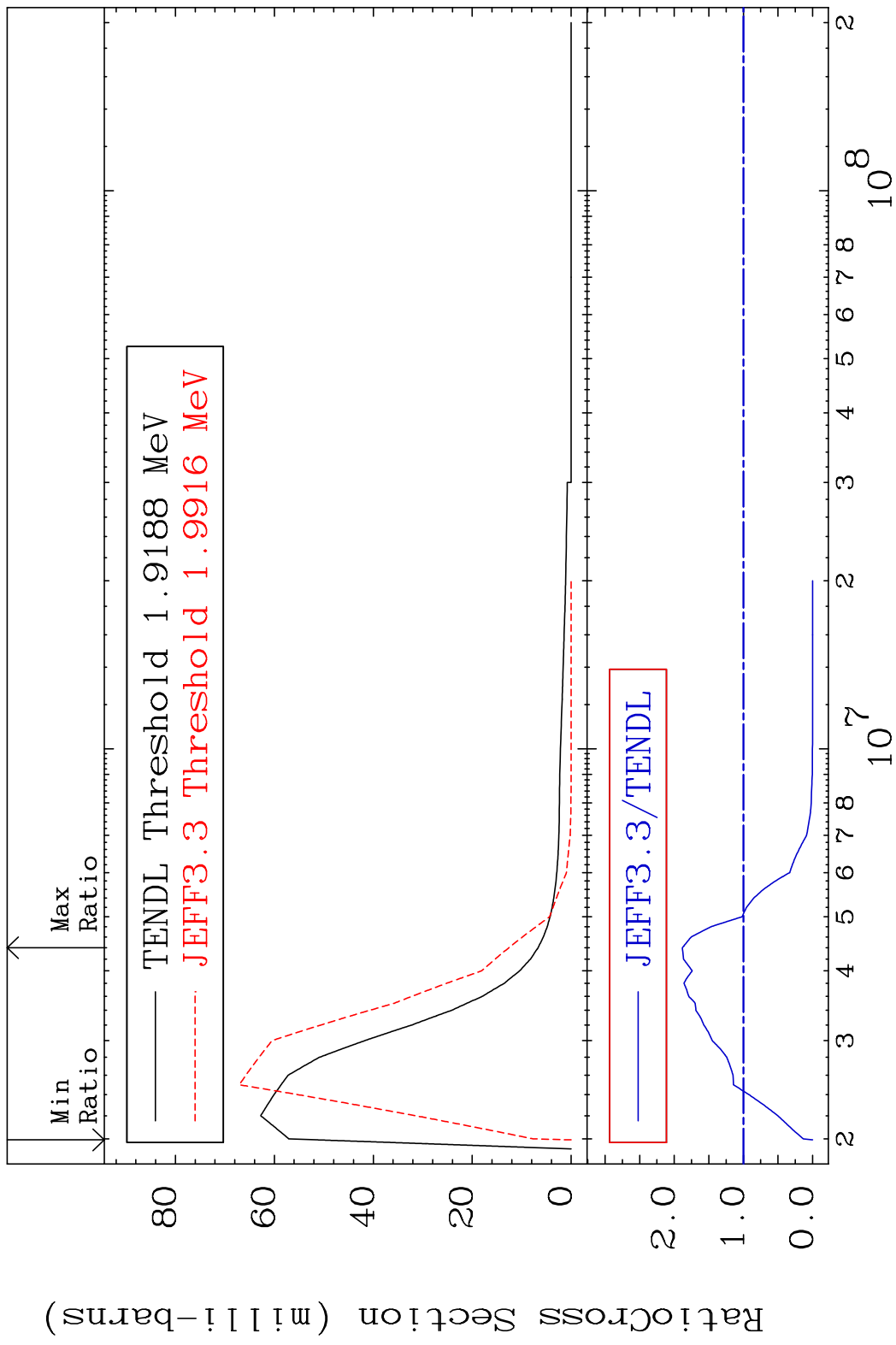
MAT 6037 MT= 69 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 483.4 %



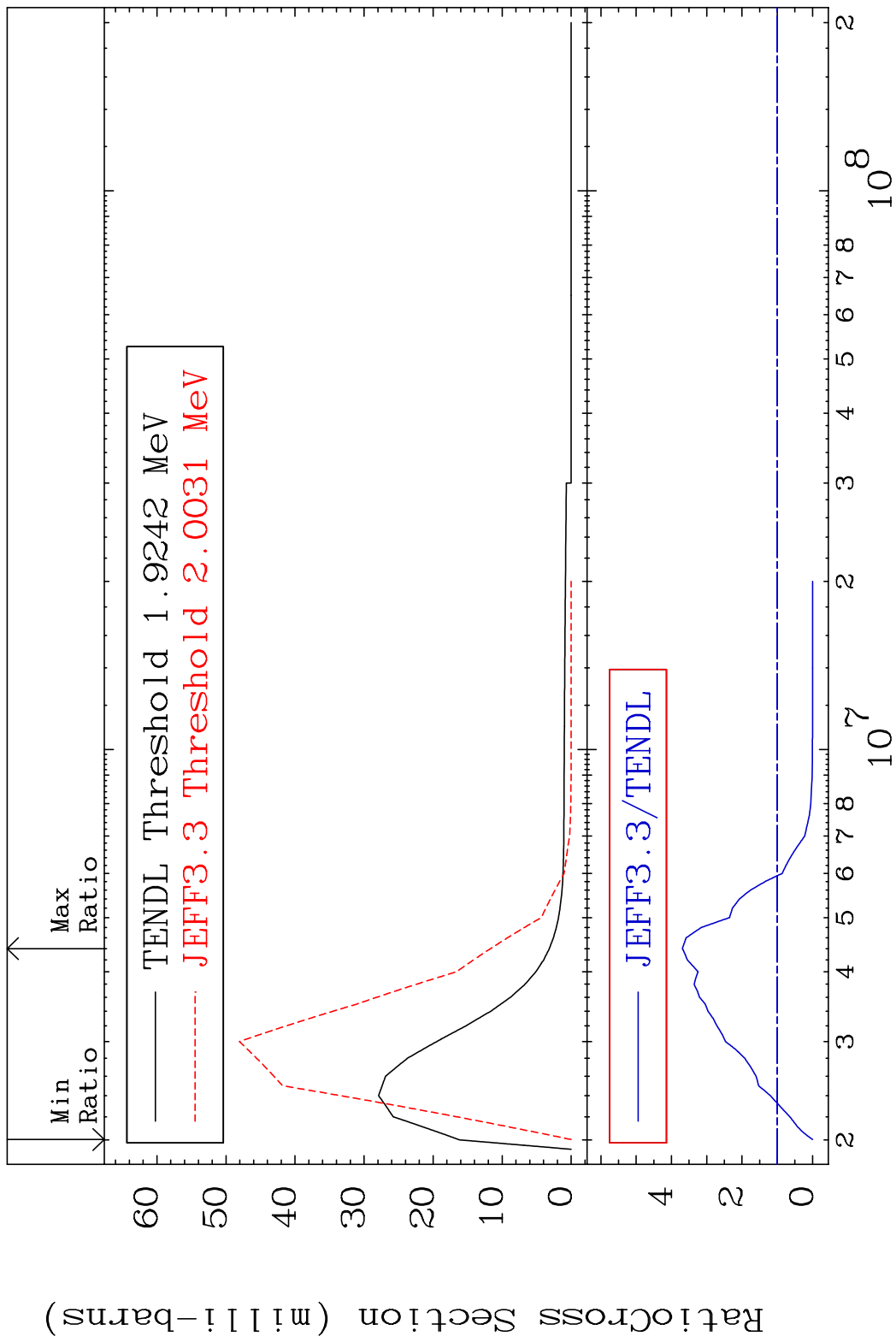
MAT 6037 MT= 70 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 492.8 %



MAT 6037 MT= 71 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 88.26 %



MAT 6037 MT= 72 (n, n') Level 60-Nd-146
 Cross Section -100.0 To 269.1 %

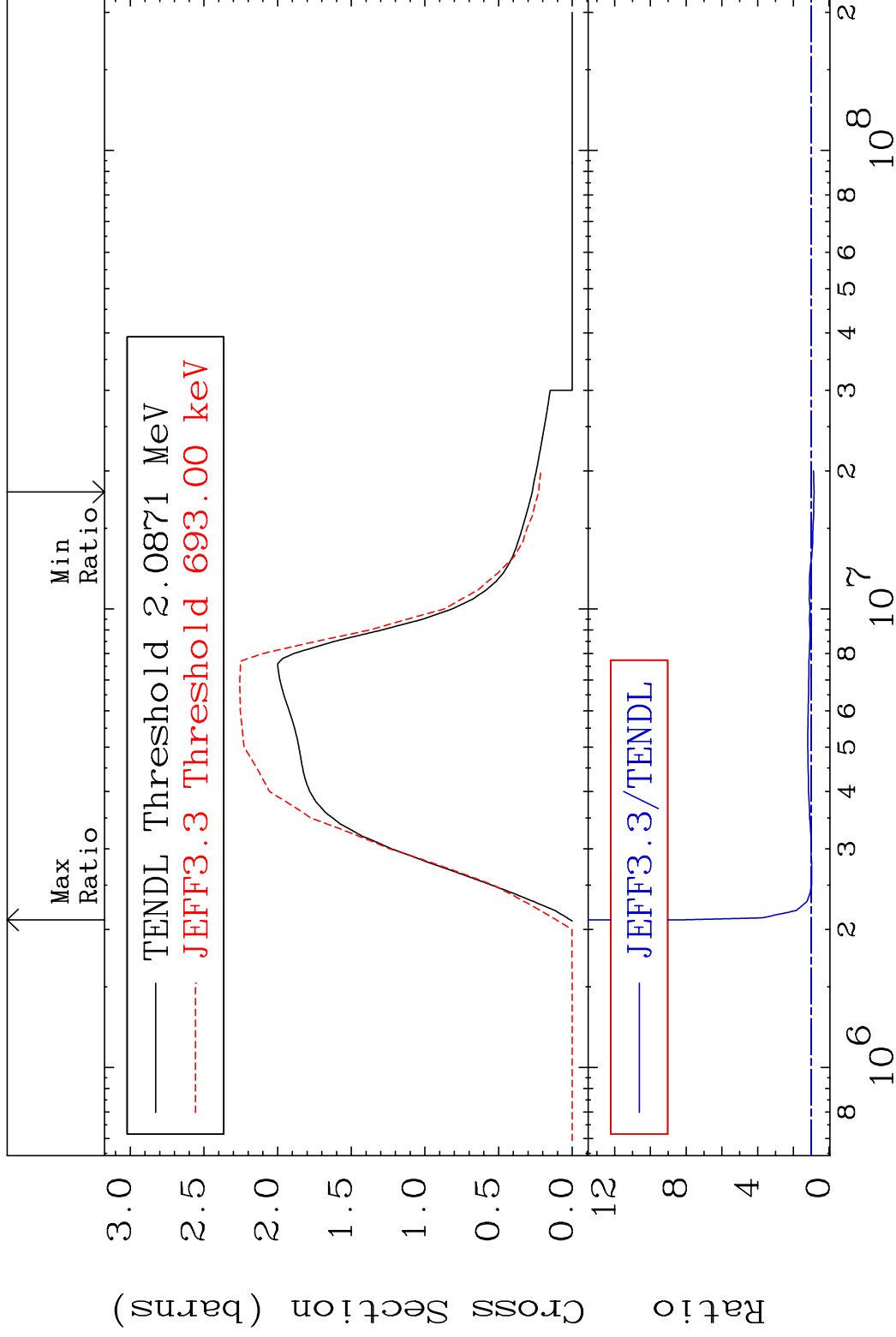


MAT 6037

(n, n') Continuum

60-Nd-146

Cross Section -16.02 To 713.9 %



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Incident Energy (eV)

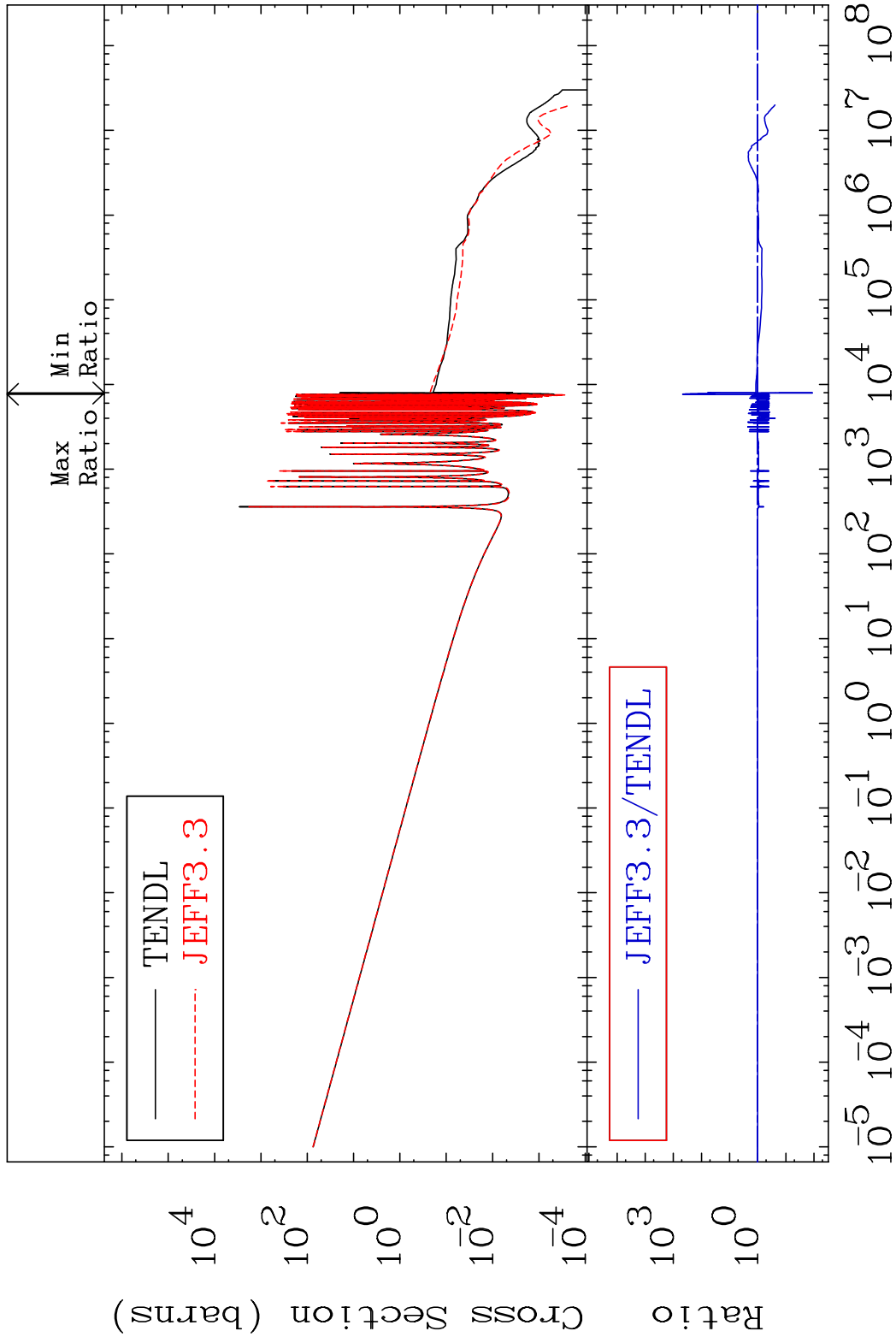
60-Nd-146

MAT 6037

(n, γ)

60-Nd-146

Cross Section -98.88 To 9999. %



33

Incident Energy (eV)

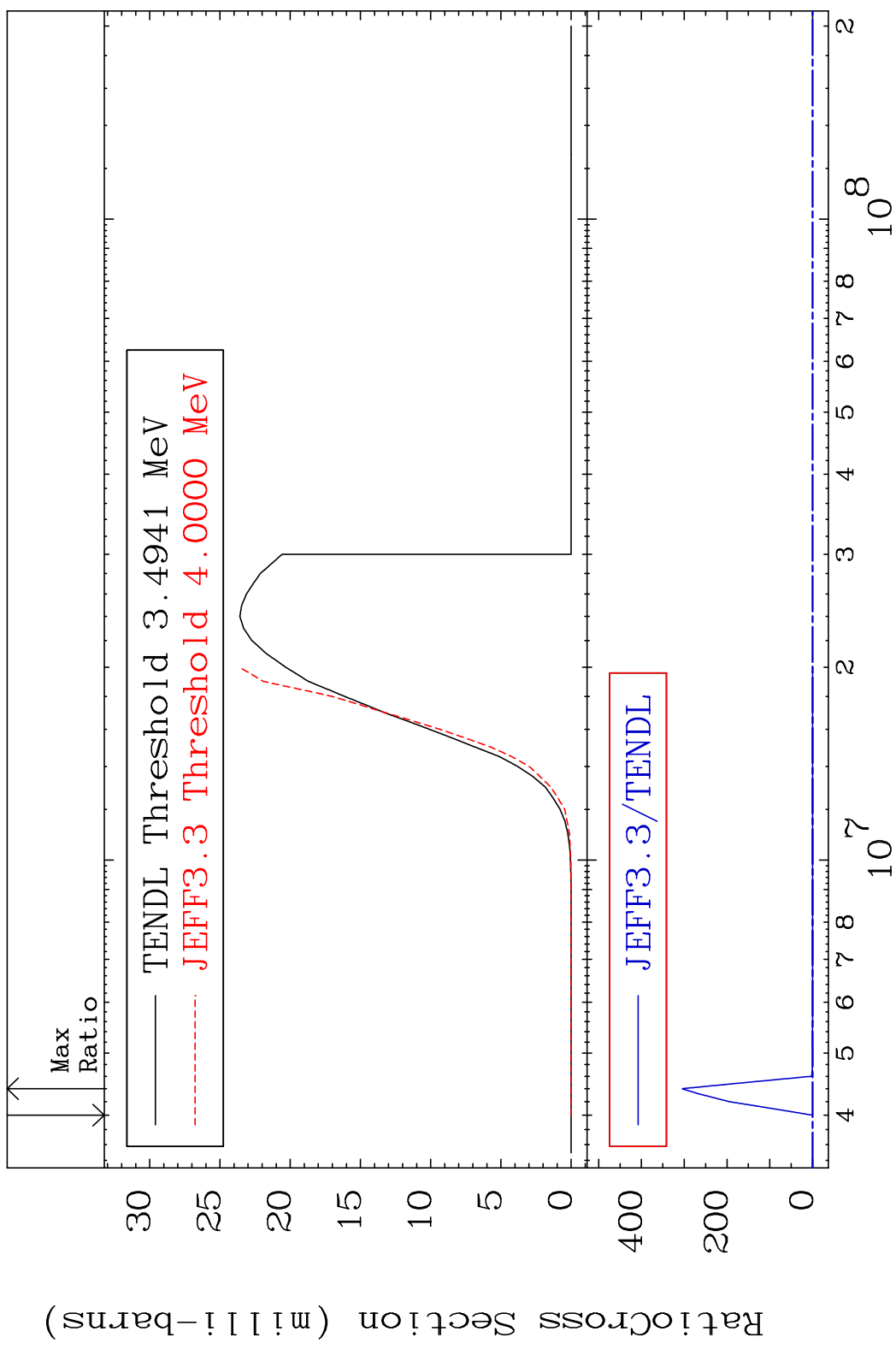
60-Nd-146

MAT 6037

(n,p)

60-Nd-146

Cross Section -100.0 To 9999. %

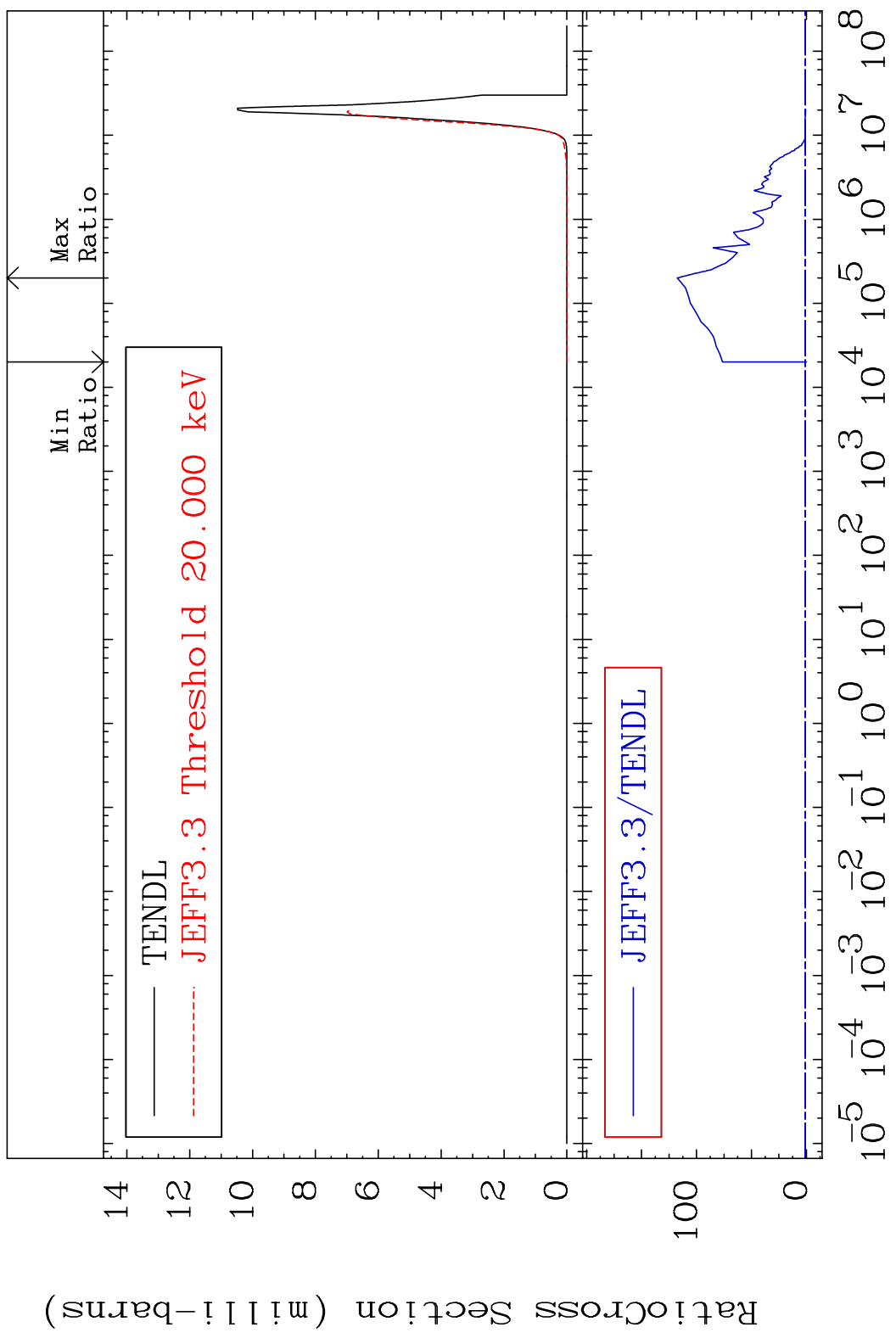


MAT 6037

(n, α)

60-Nd-146

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

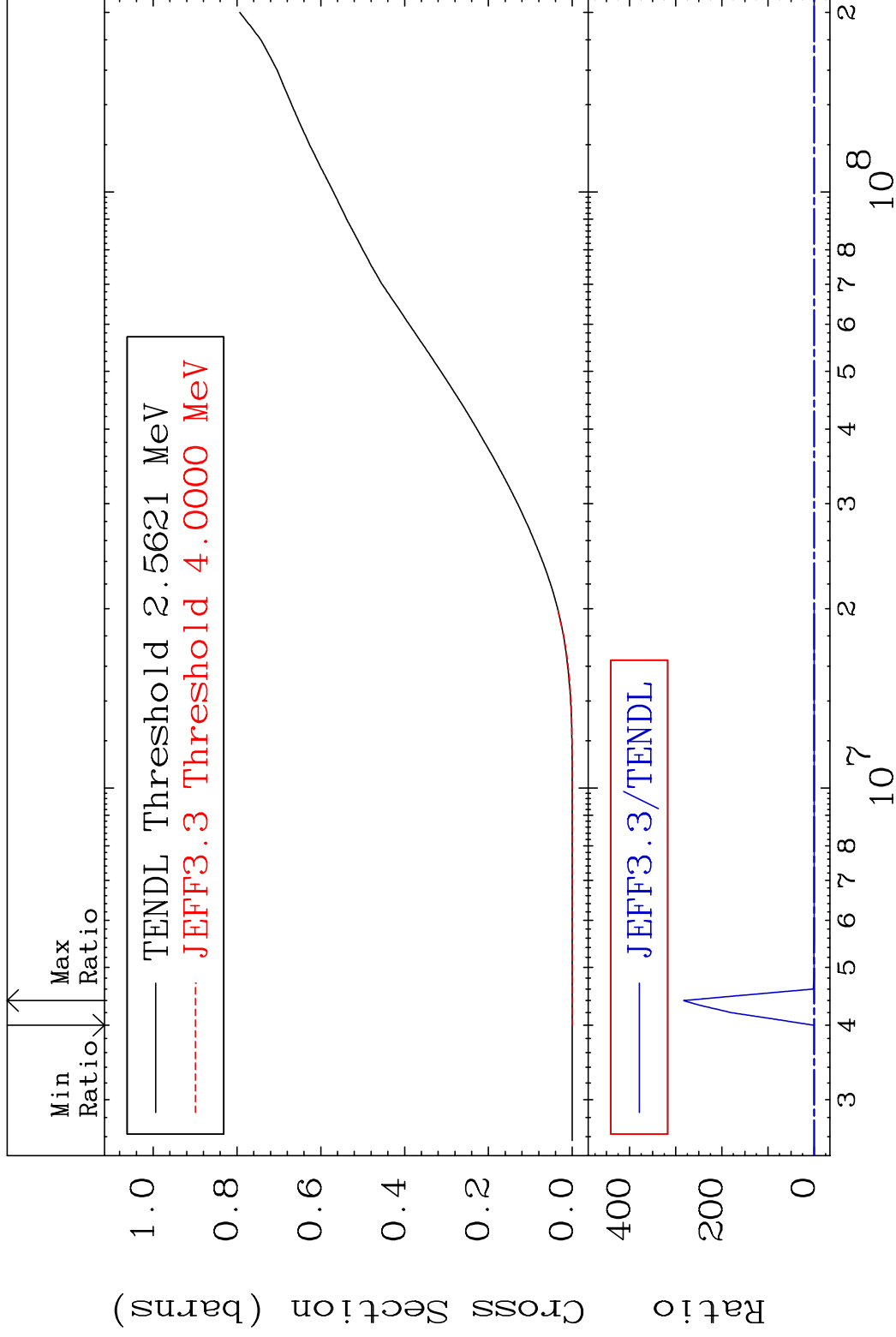
60-Nd-146

MAT 6037

Hydrogen Production

60-Nd-146

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

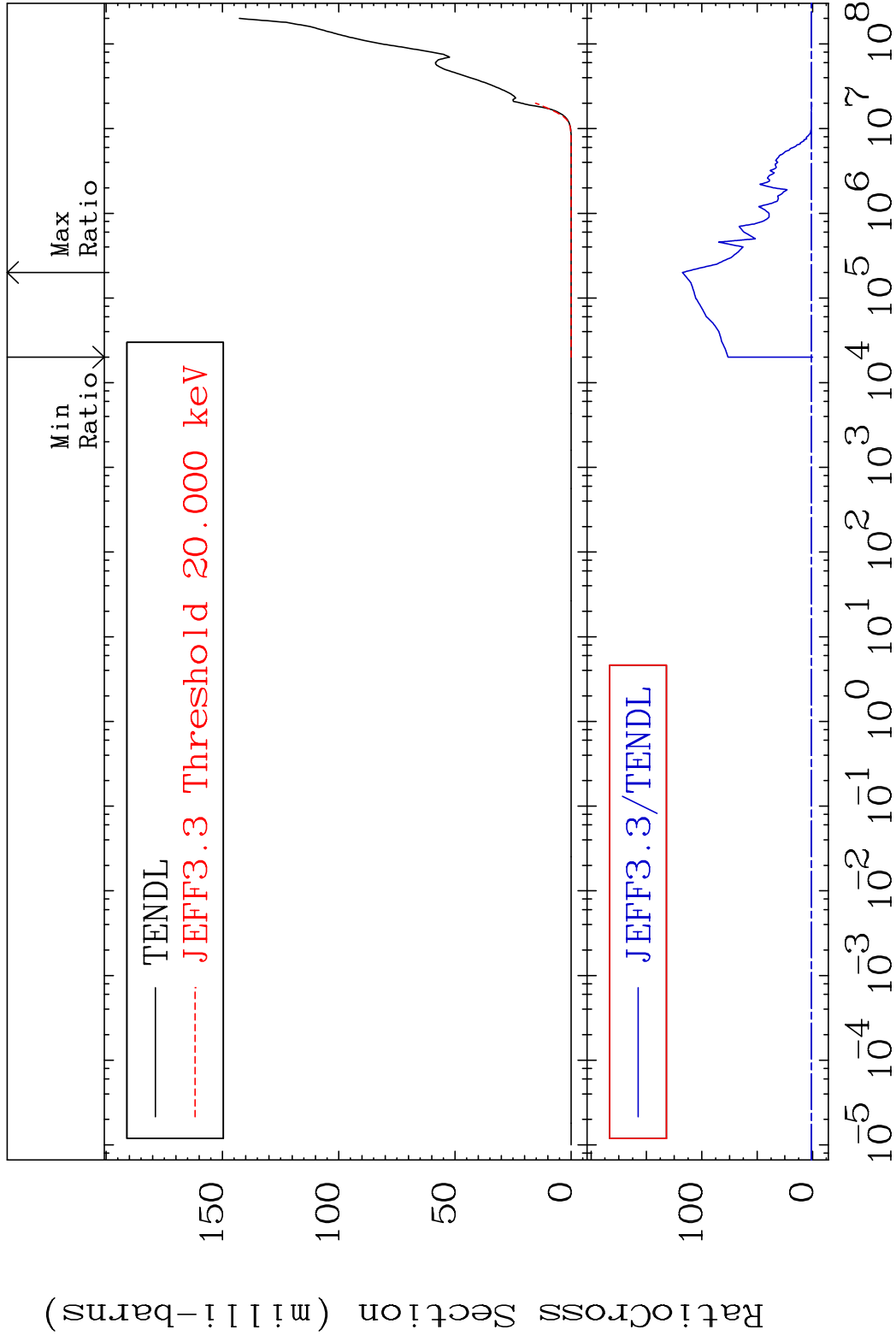
60-Nd-146

MAT 6037

He-4 Production

60-Nd-146

Cross Section -100.0 To 9999. %

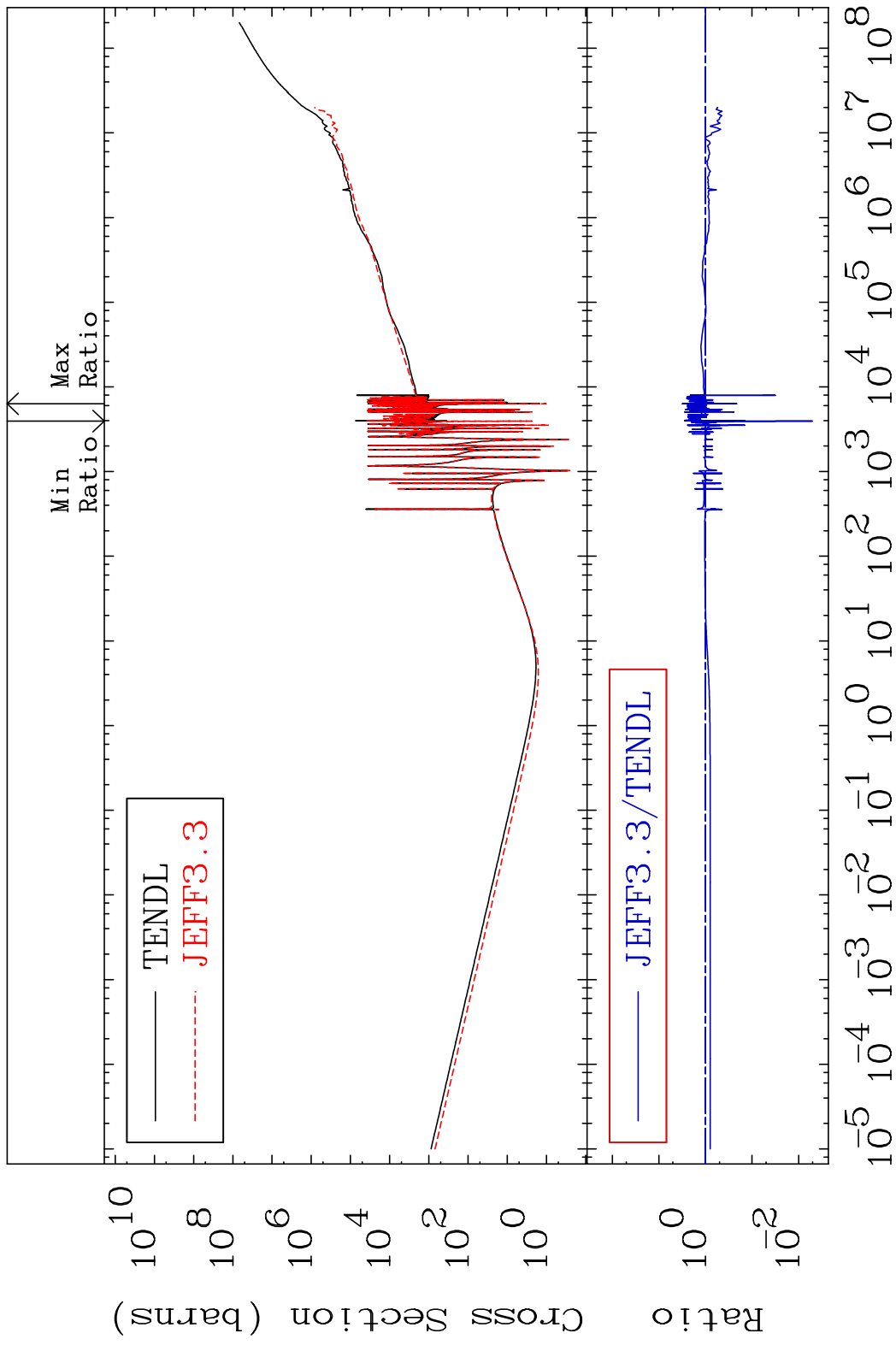


37

Incident Energy (eV)

60-Nd-146

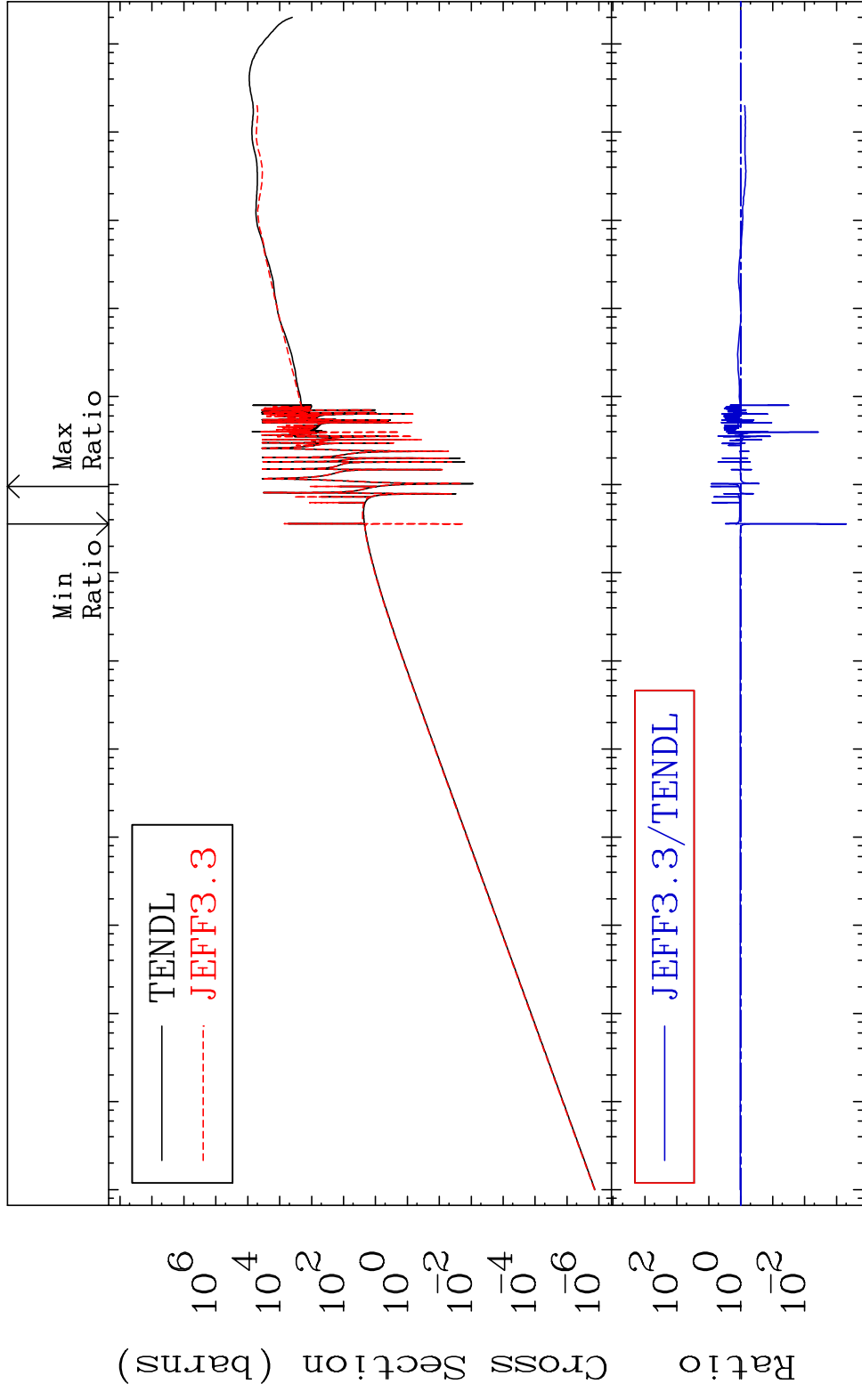
MAT 6037 Kerma total (eV-barns) 60-Nd-146
 Cross Section -99.50 To 213.0 %



MAT 6037

Kerma elastic
Cross Section -99.95 To 770.9 %

60-Nd-146



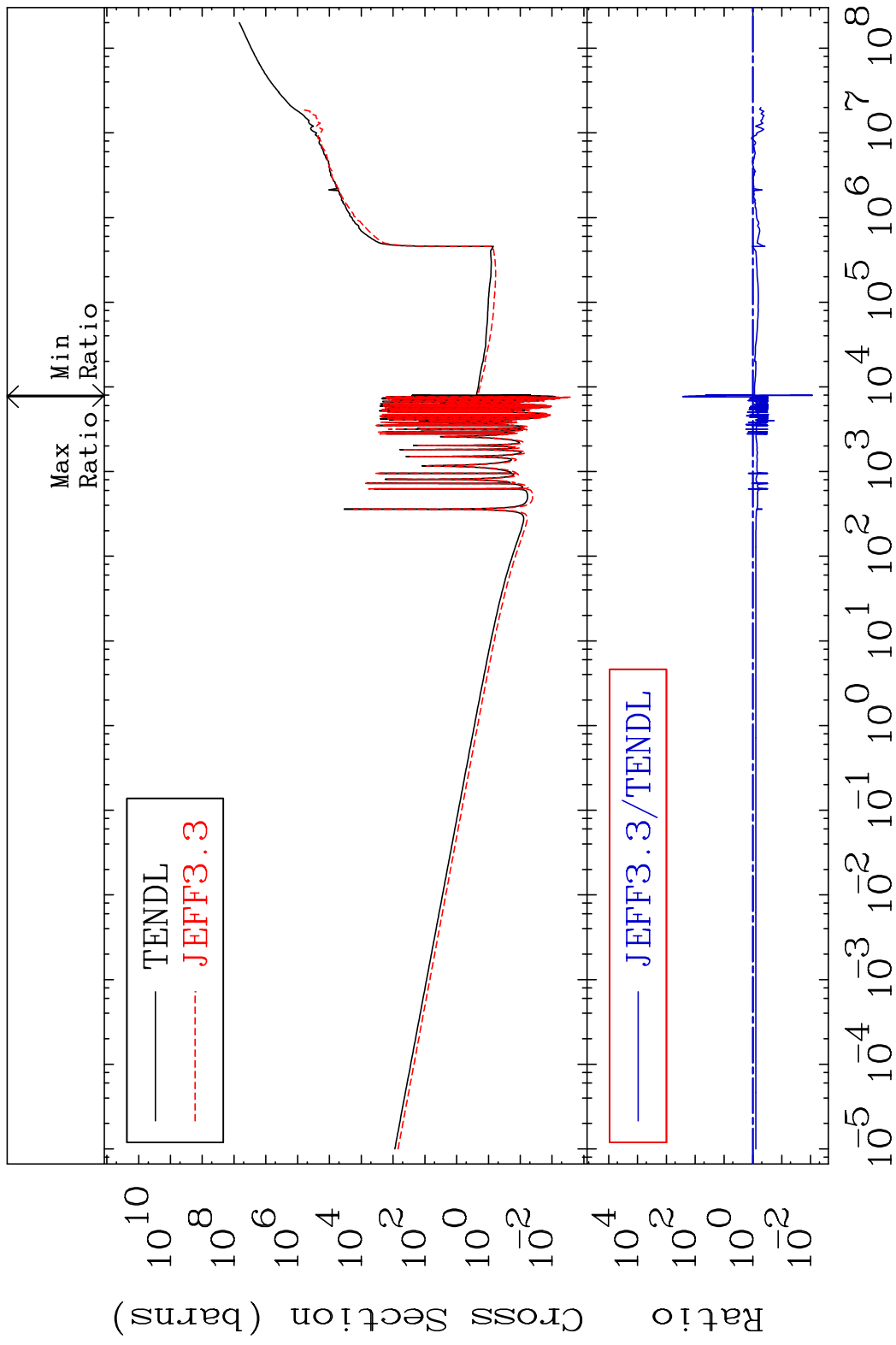
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

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Incident Energy (eV)

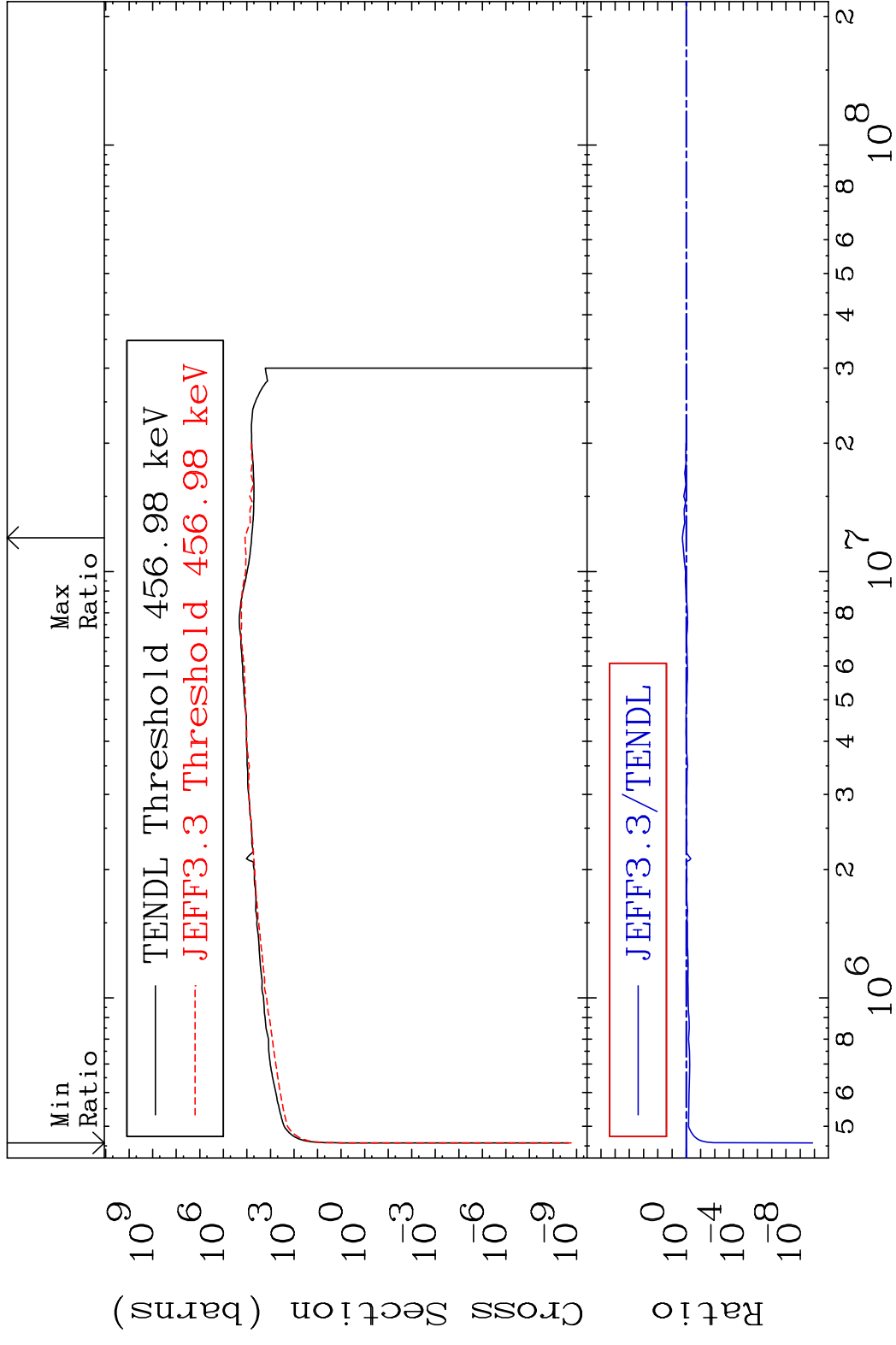
60-Nd-146

MAT 6037 Kerma non-elastic (all but mt2) 60-Nd-146
 Cross Section -99.14 To 9999. %

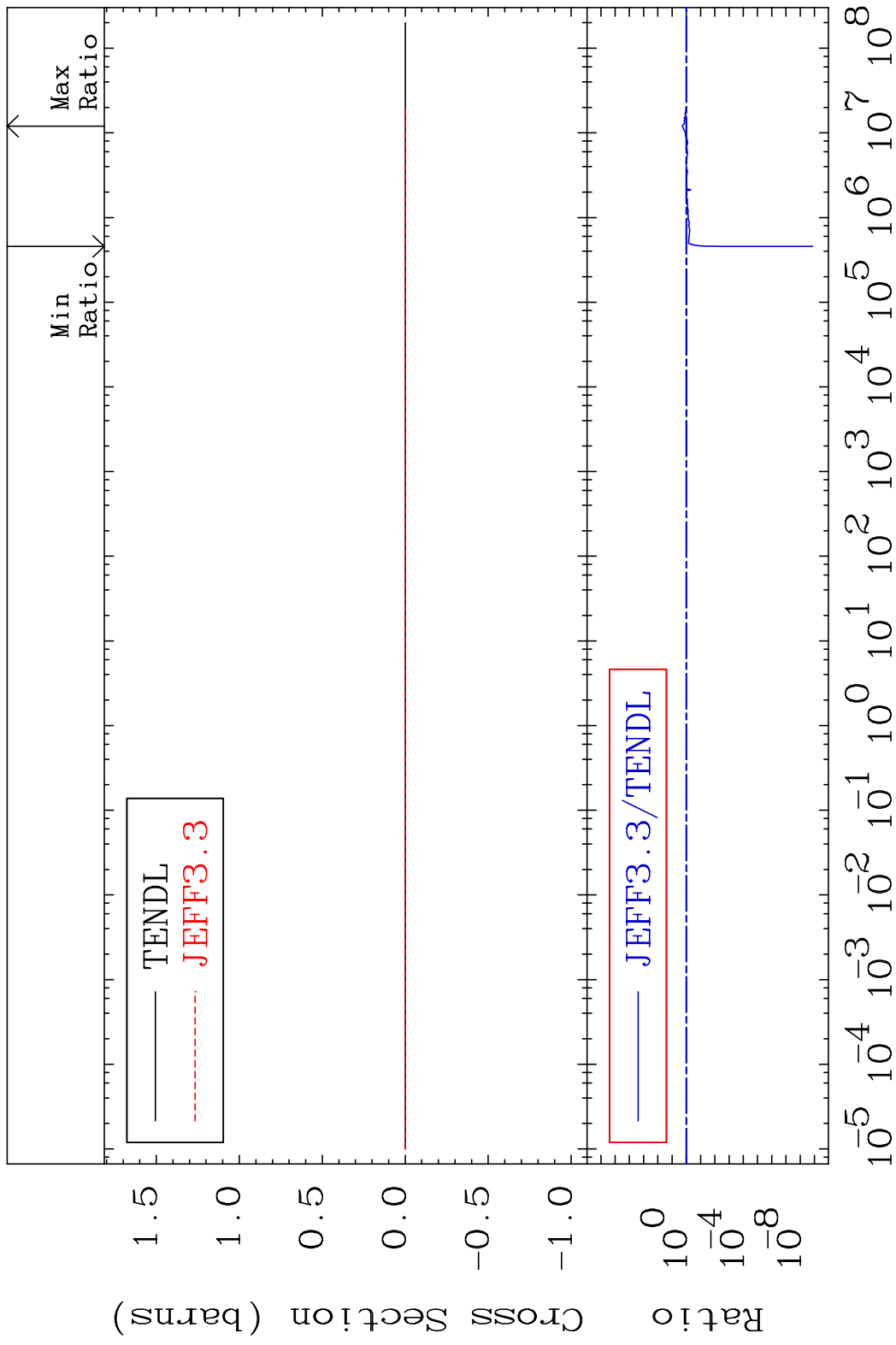


40 60-Nd-146

MAT 6037 Kerma inelastic (mt51-91) 60-Nd-146
 Cross Section -100.0 To 89.69 %

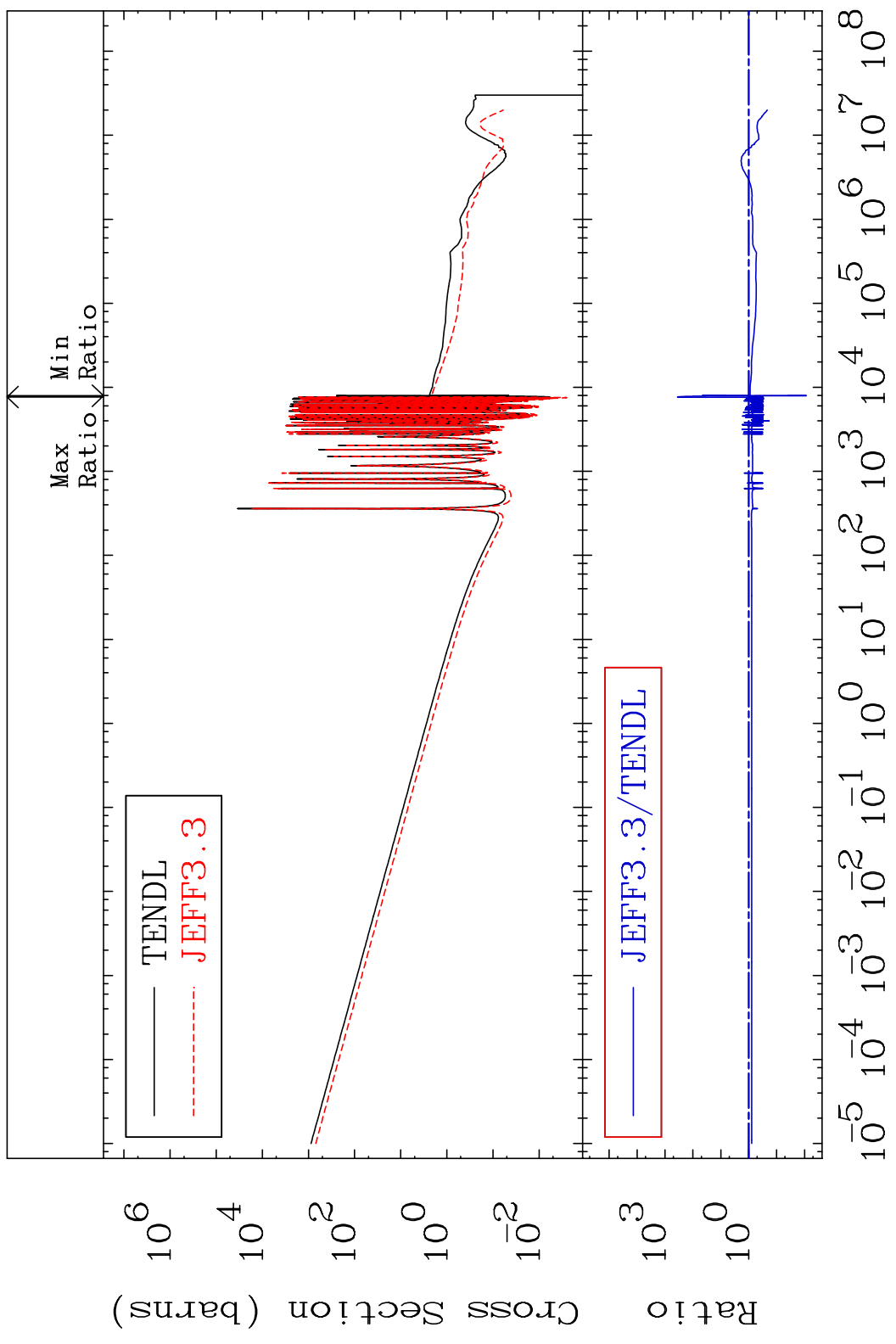


MAT 6037 Kerma fission (mt18 or mt19-20-21-38) ^{60}Nd -146
 Cross Section -100.0 To 89.69 %



MAT 6037

Kerma capture (mt102) 60-Nd-146
Cross Section -99.14 To 9999. %



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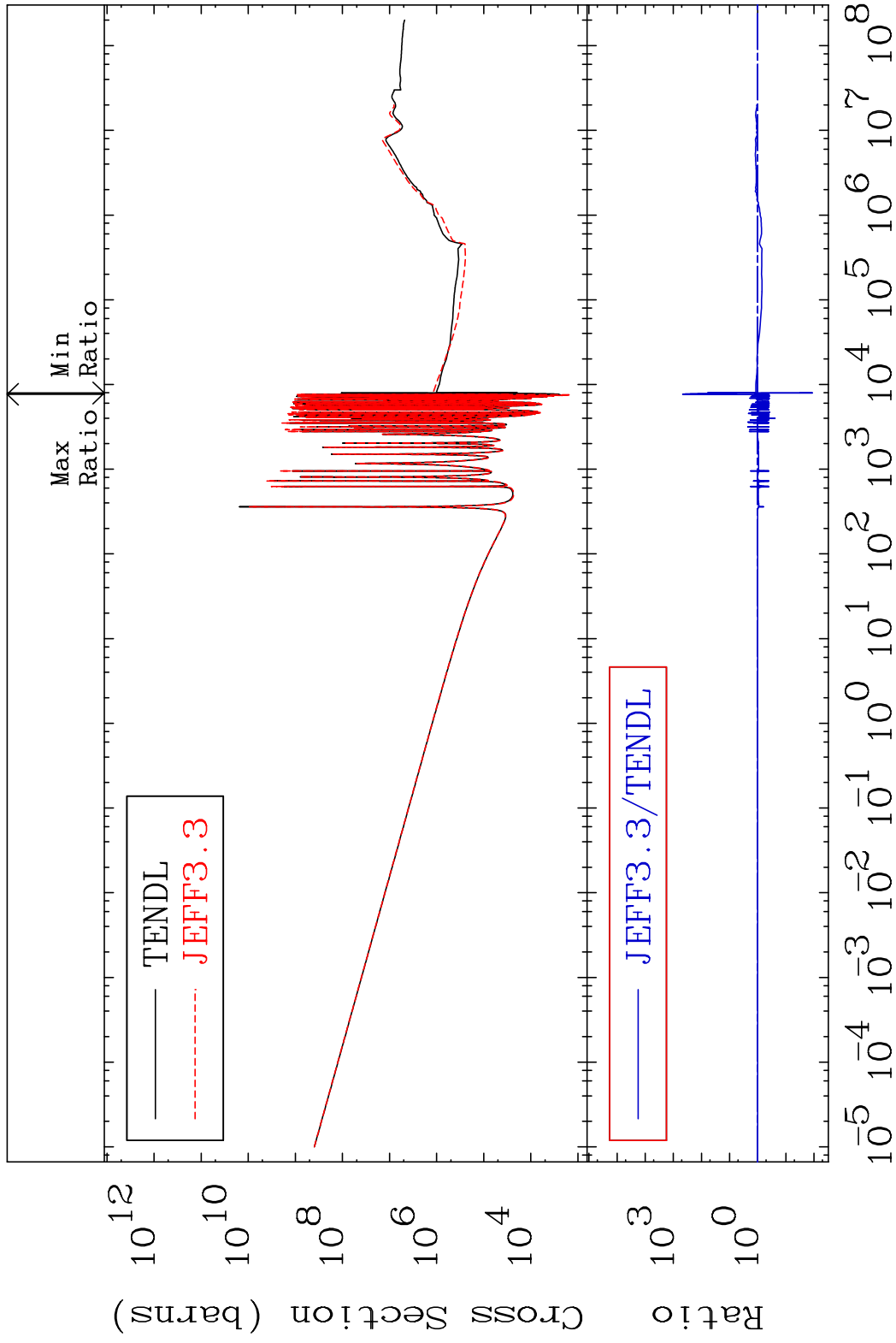
Incident Energy (eV)

60-Nd-146

MAT 6037

Total photon (eV-barns) 60-Nd-146

Cross Section -98.88 To 9999. %

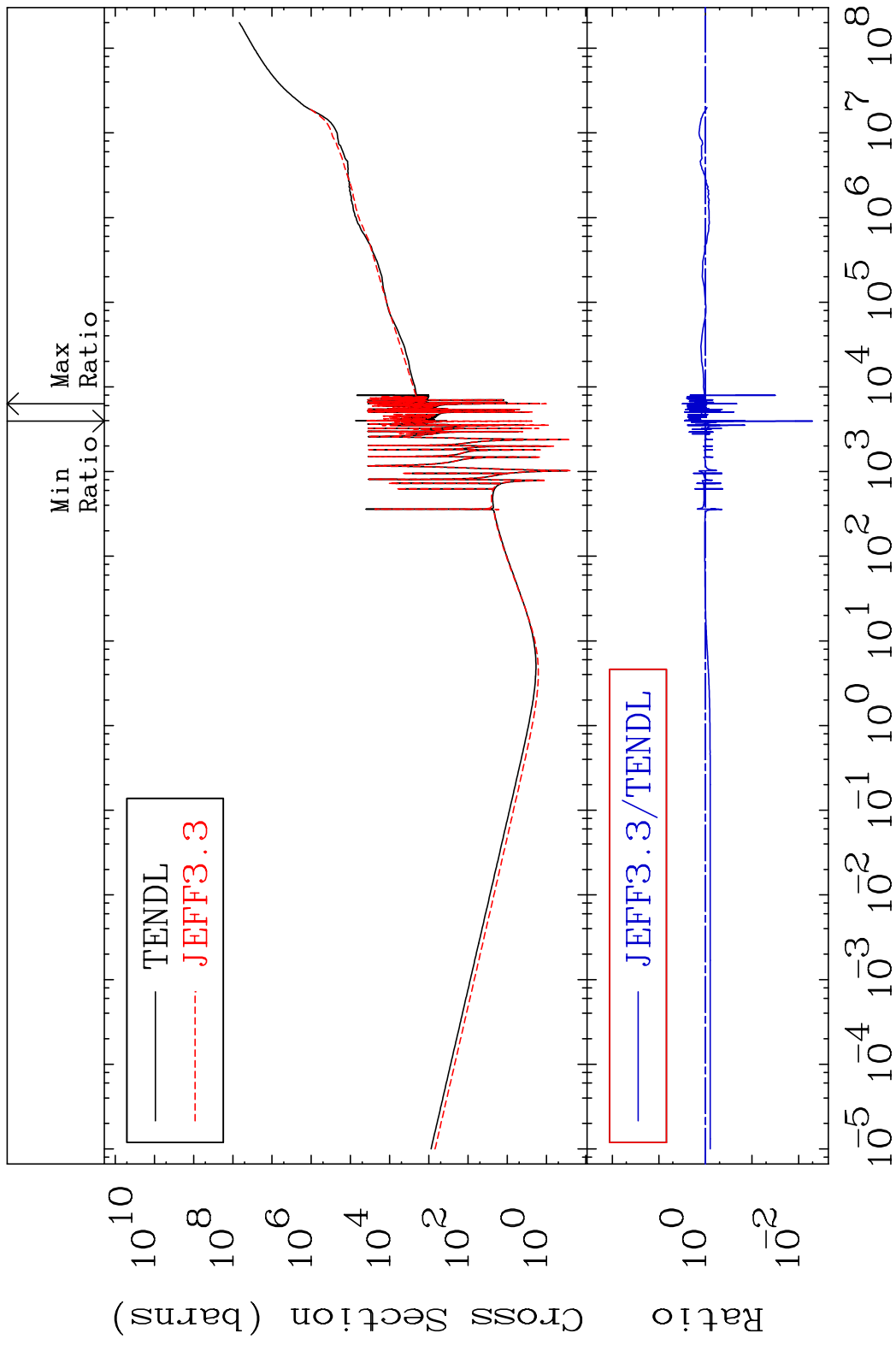


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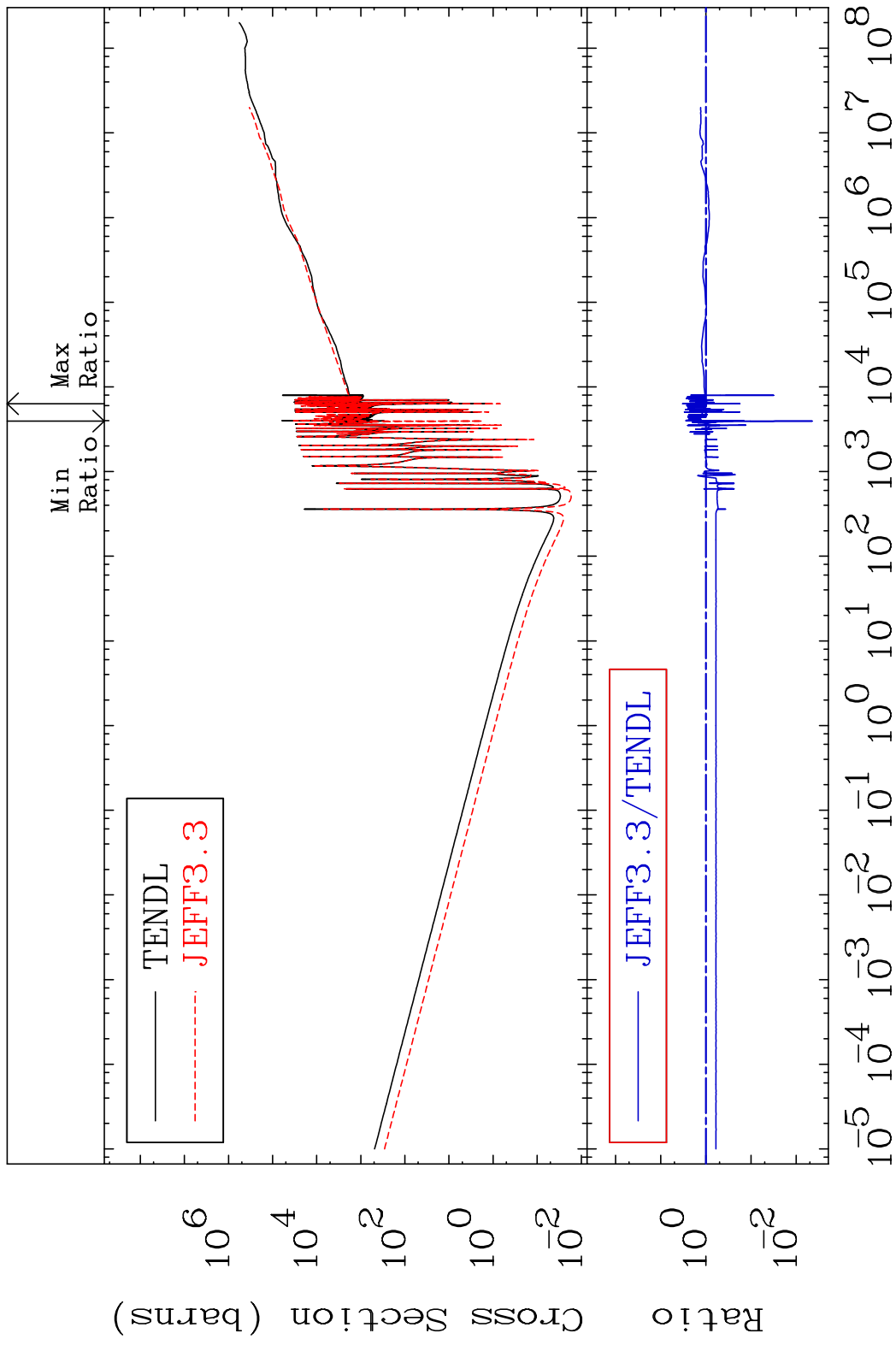
Incident Energy (eV)

60-Nd-146

MAT 6037 Total kinematic kerma (high limit) 60-Nd-146
Cross Section -99.50 To 213.0 %



MAT 6037 Dpa total (eV-barns) 60-Nd-146
 Cross Section -99.56 To 231.8 %

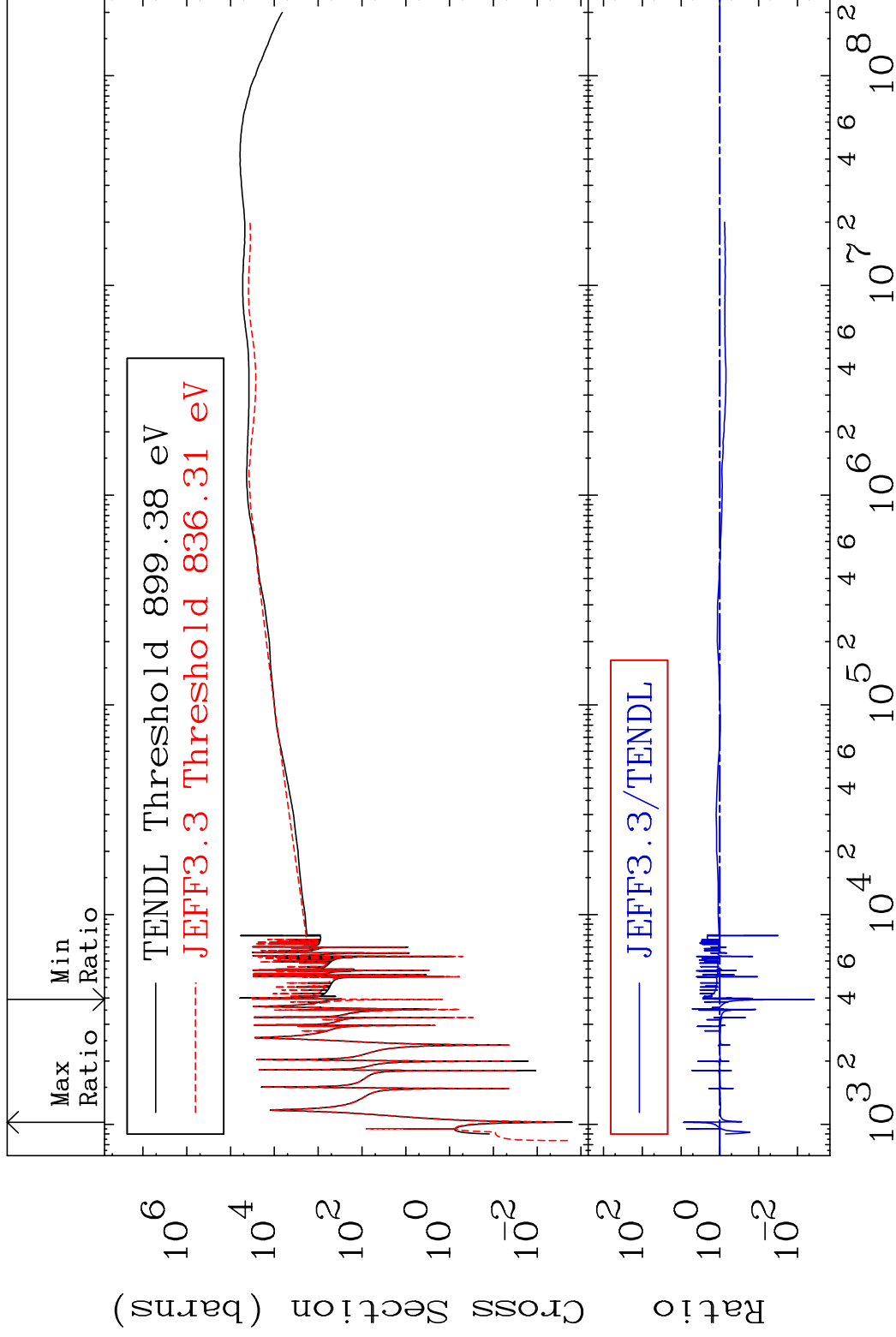


MAT 6037

Dpa elastic (mt2)

60-Nd-146

Cross Section -99.63 To 758.9 %

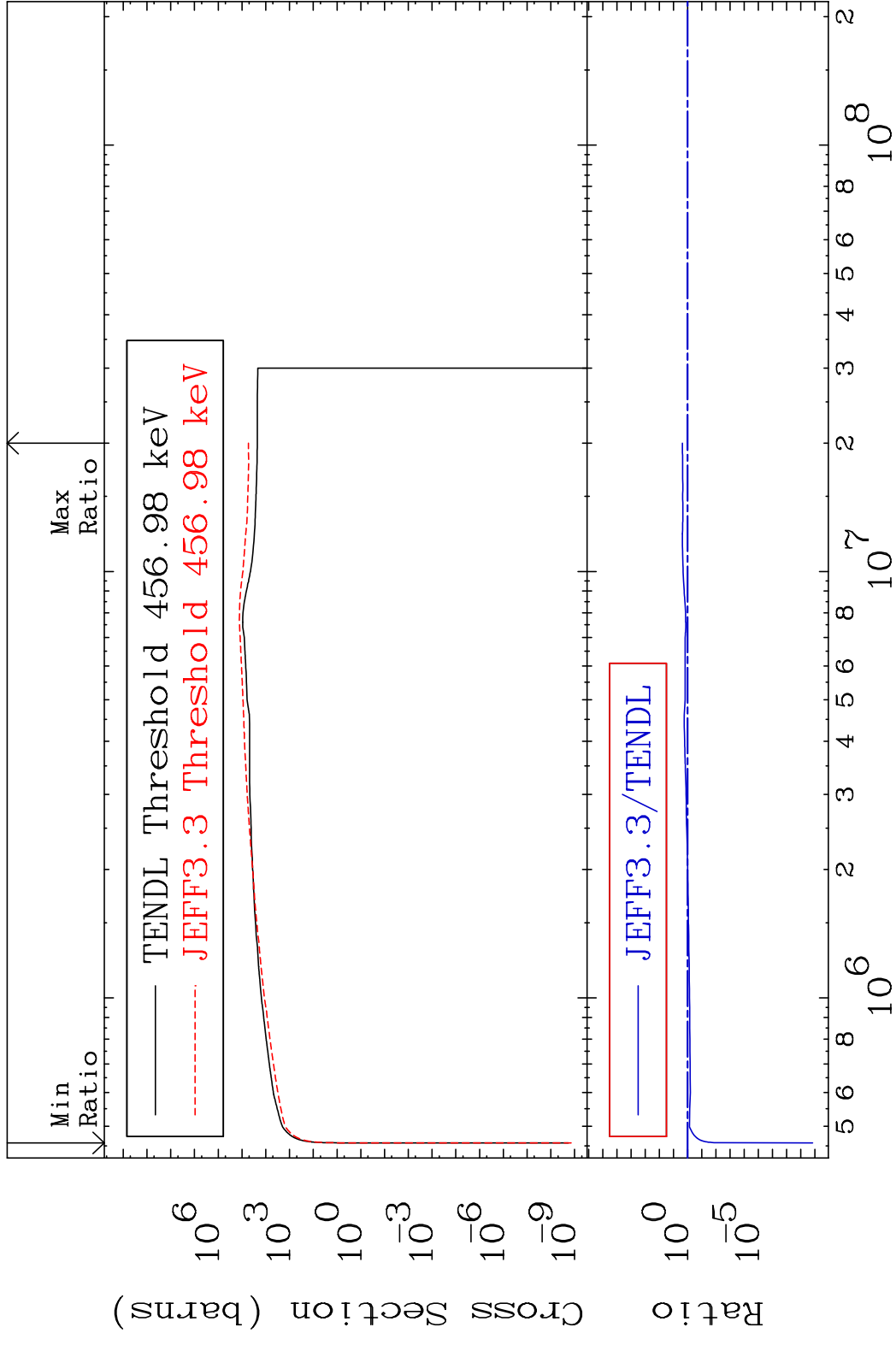


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Incident Energy (eV)

60-Nd-146

MAT 6037 Dpa inelastic (mt51-91) 60-Nd-146
 Cross Section -100.0 To 136.6 %



MAT 6037 Dpa disappearance (mt102 -120) 60-Nd-146
 Cross Section -99.34 To 9999. %

