

Program Complot
(Version 2021-1)

by

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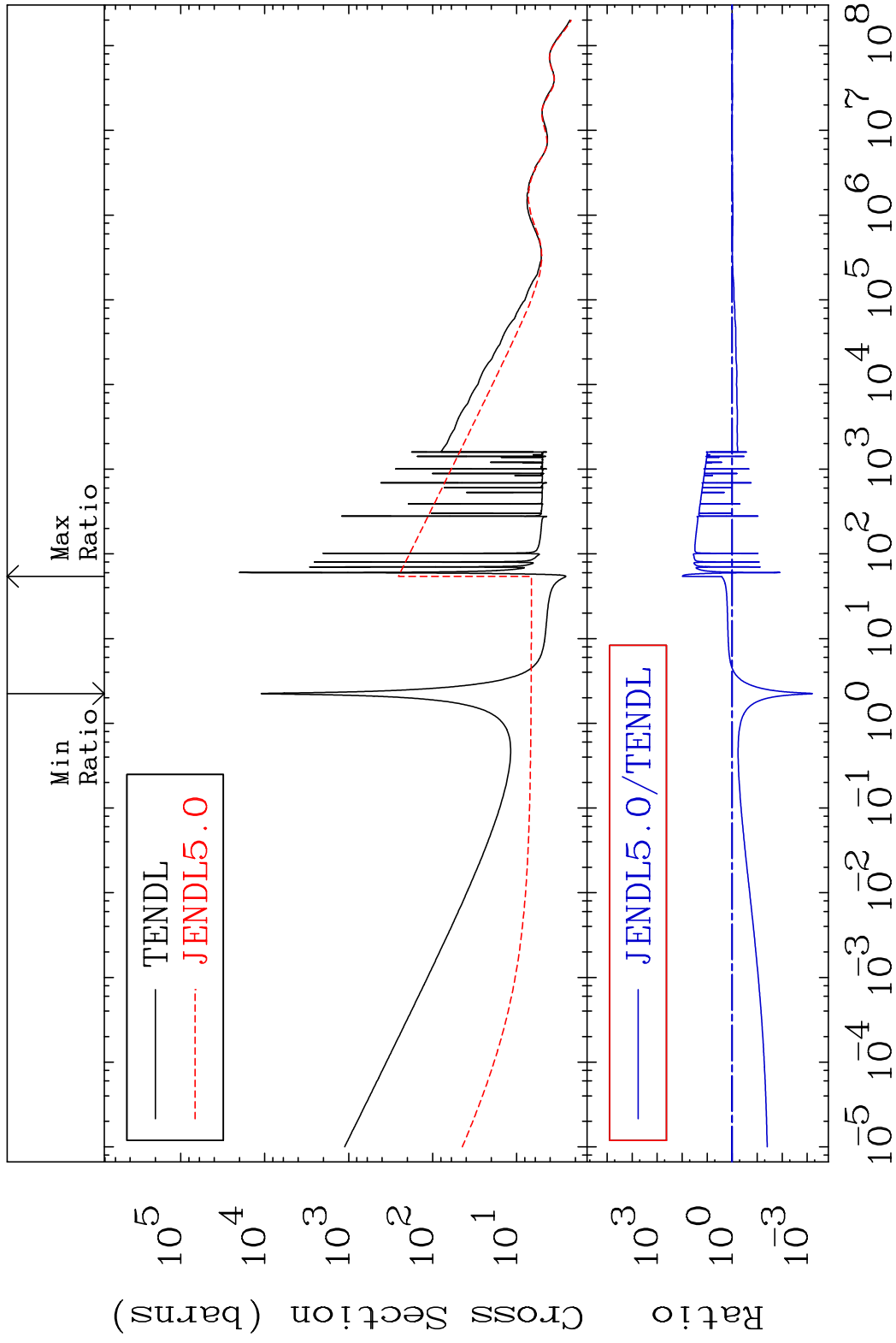
Press Mouse Button to Start

MAT 6407

Total

64-Gd-146

Cross Section -99.94 To 9734. %

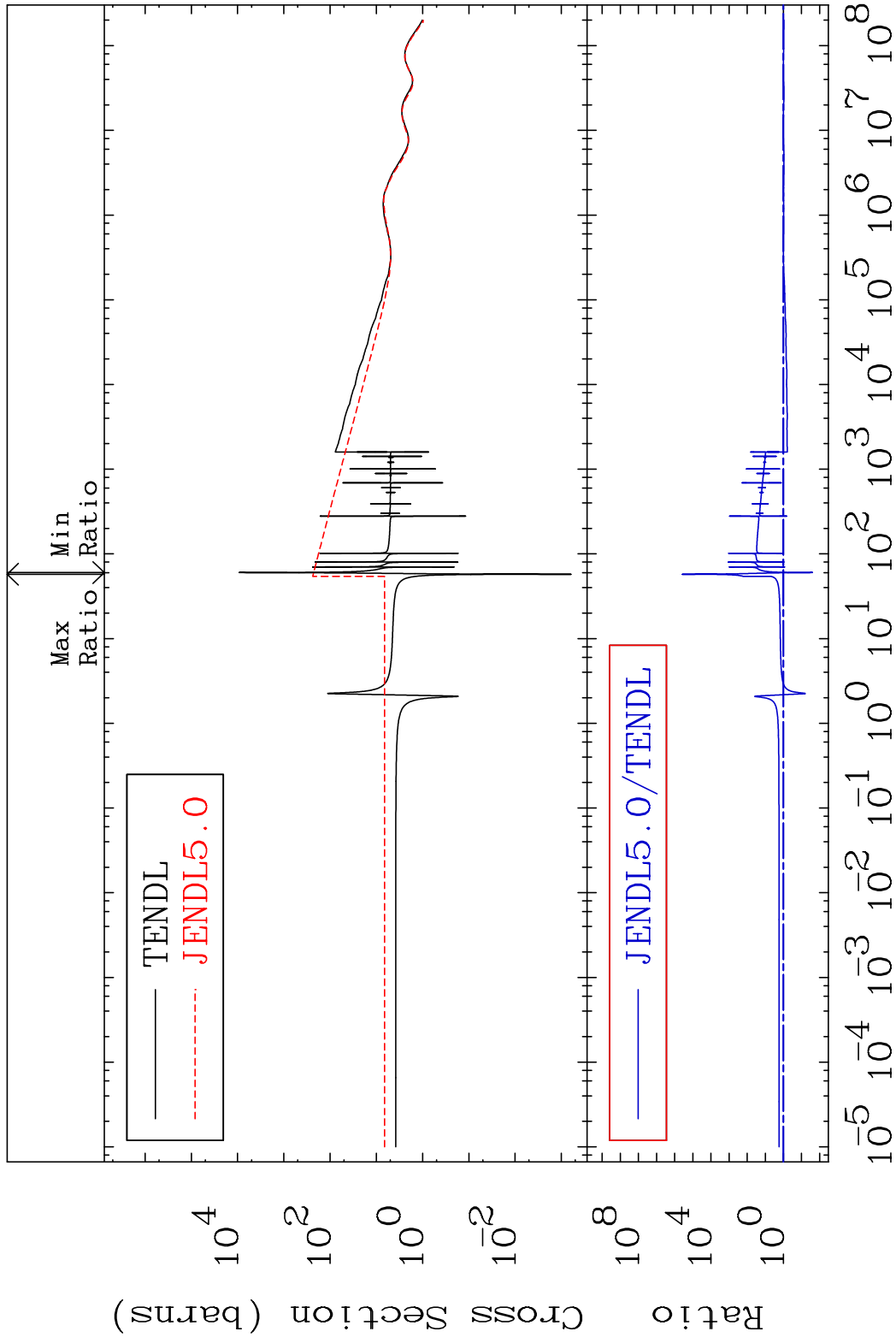


MAT 6407

Elastic

64-Gd-146

Cross Section -97.53 To 9999. %



2

Incident Energy (eV)

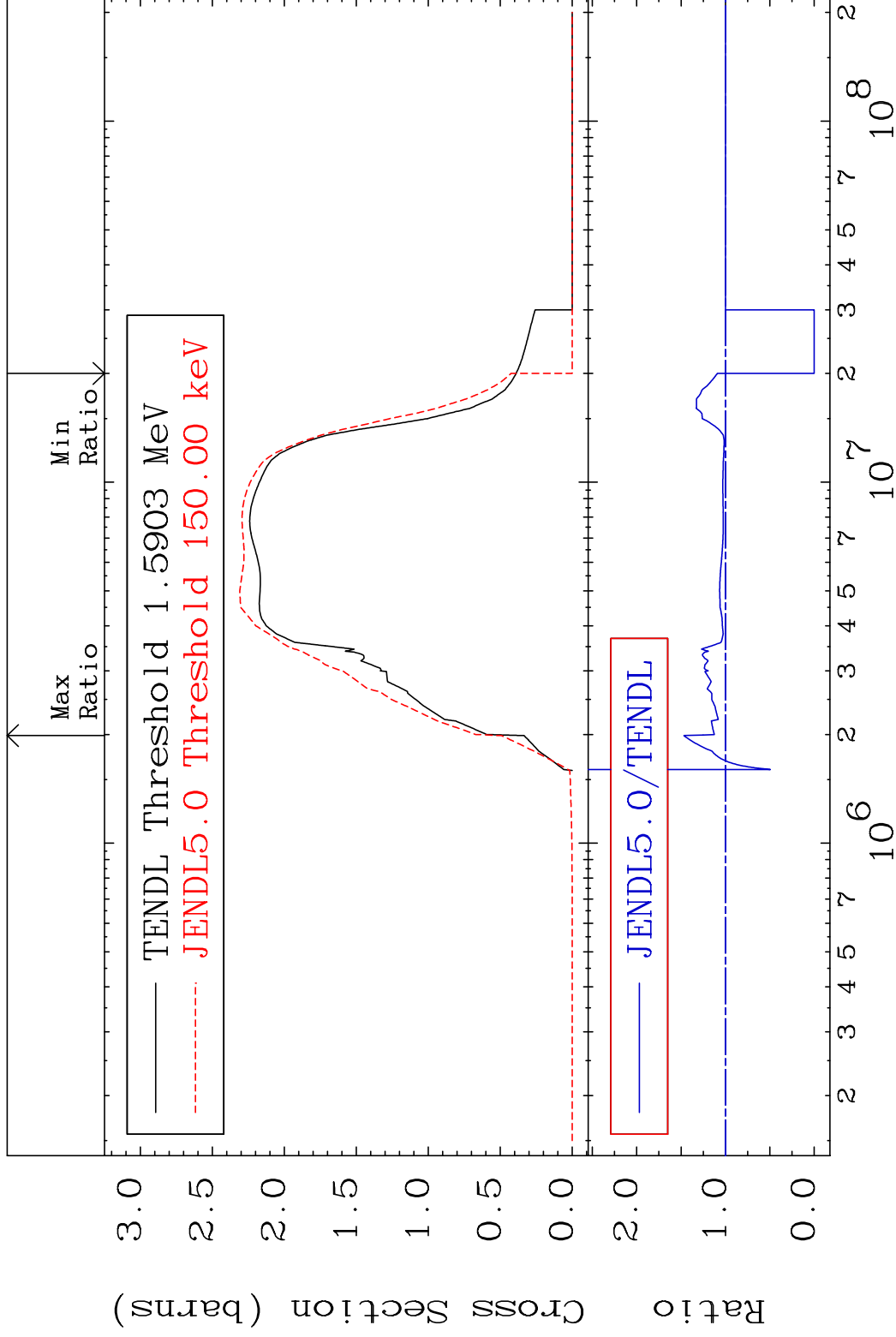
64-Gd-146

MAT 6407

Inelastic

64-Gd-146

Cross Section -100.0 To 47.08 %

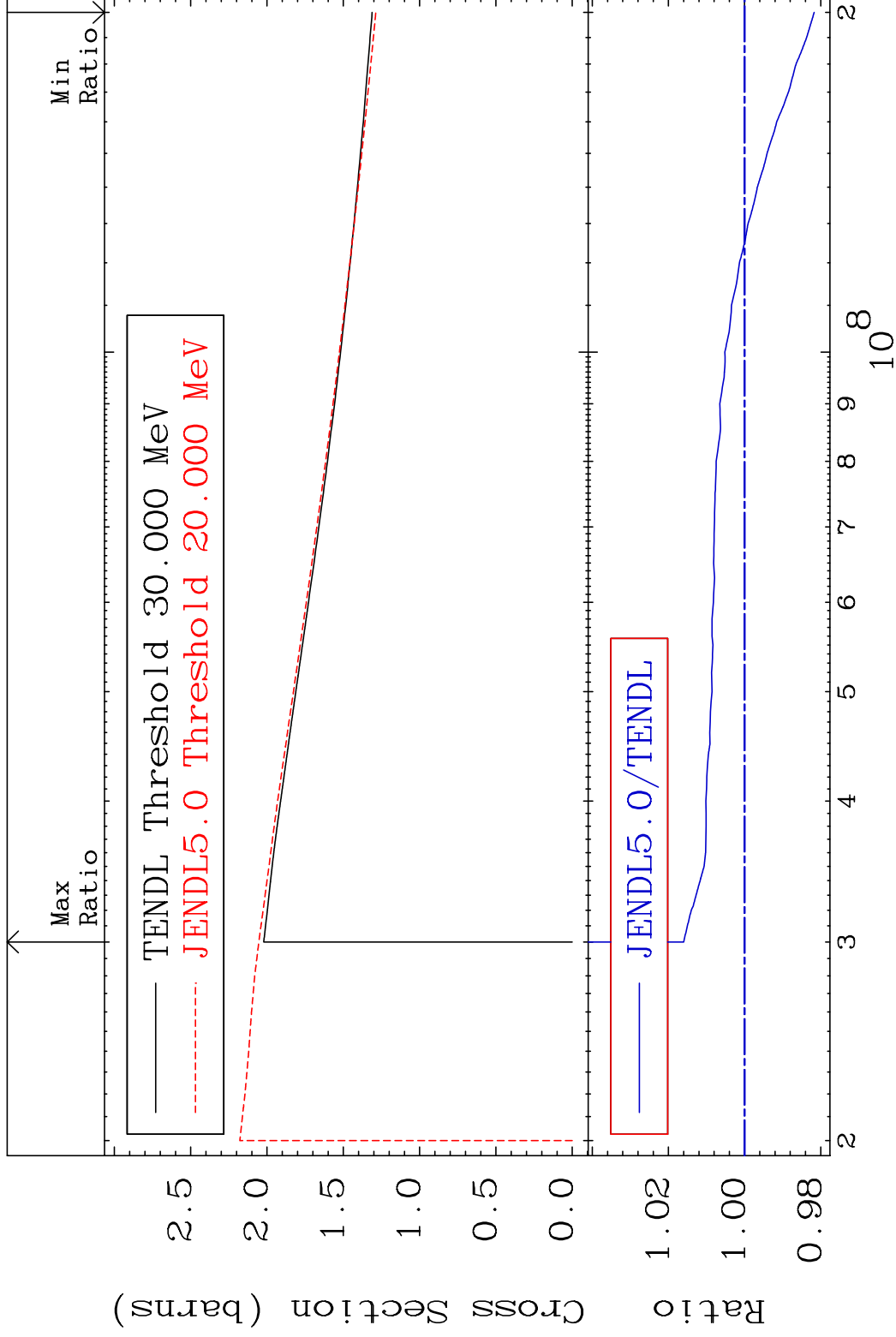


MAT 6407

(n, remainder)

64-Gd-146

Cross Section -1.826 To 1.600 %

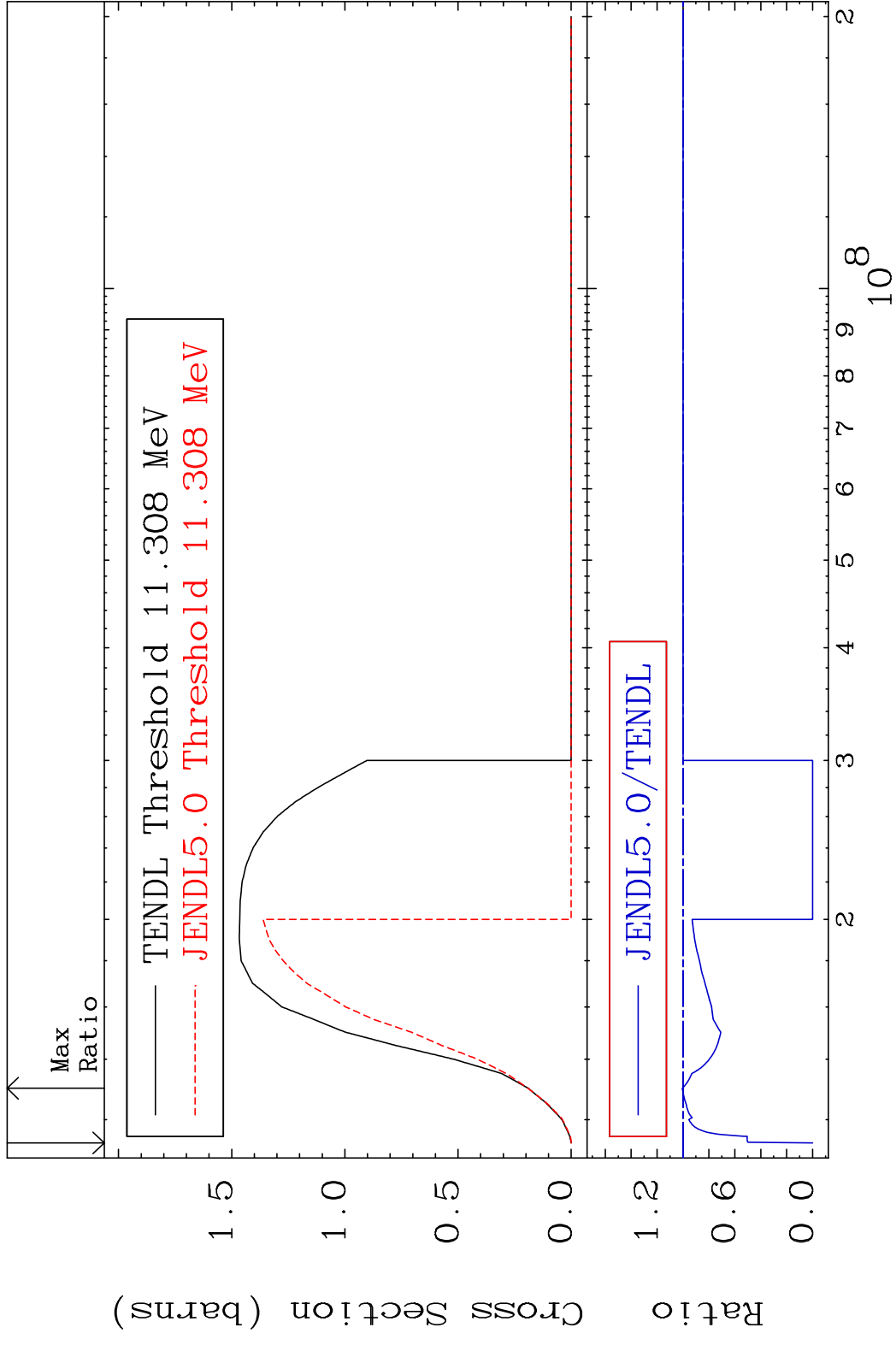


4

Incident Energy (eV)

64-Gd-146

MAT 6407 (n,2n) 64-Gd-146
 Cross Section -100.0 To 0.500 %

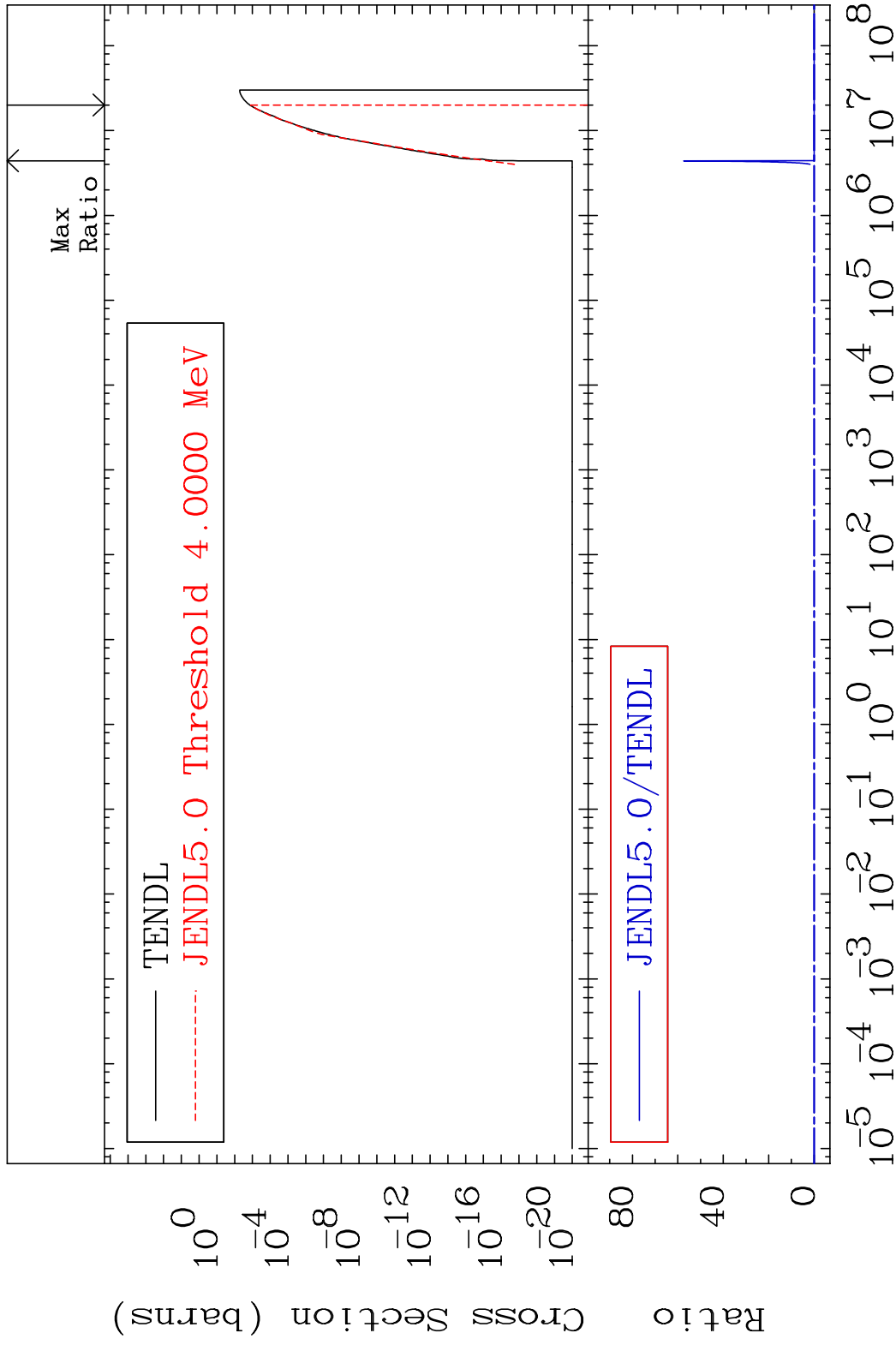


MAT 6407

(n, n') α

64-Gd-146

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

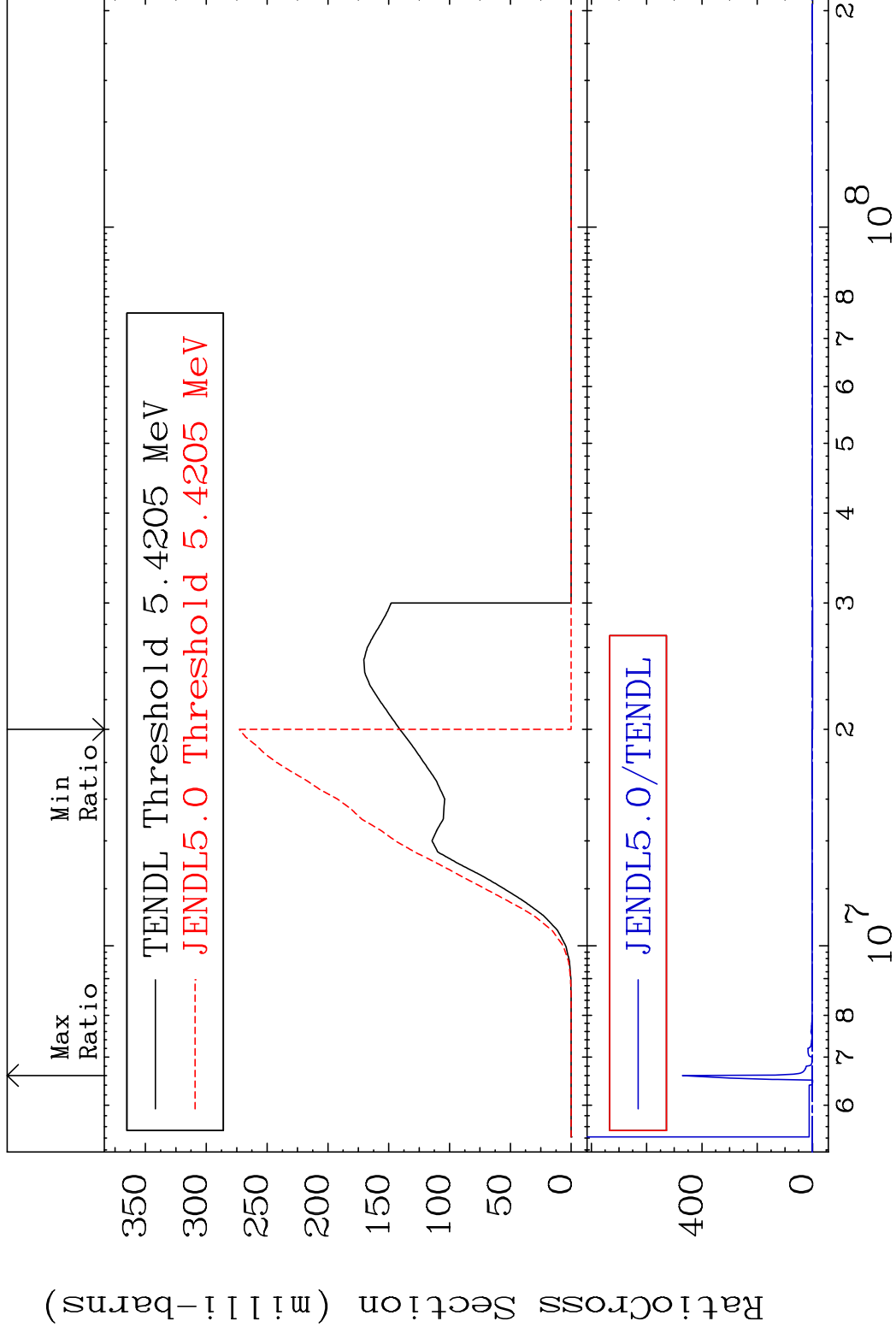
64-Gd-146

MAT 6407

(n, n') p

64-Gd-146

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

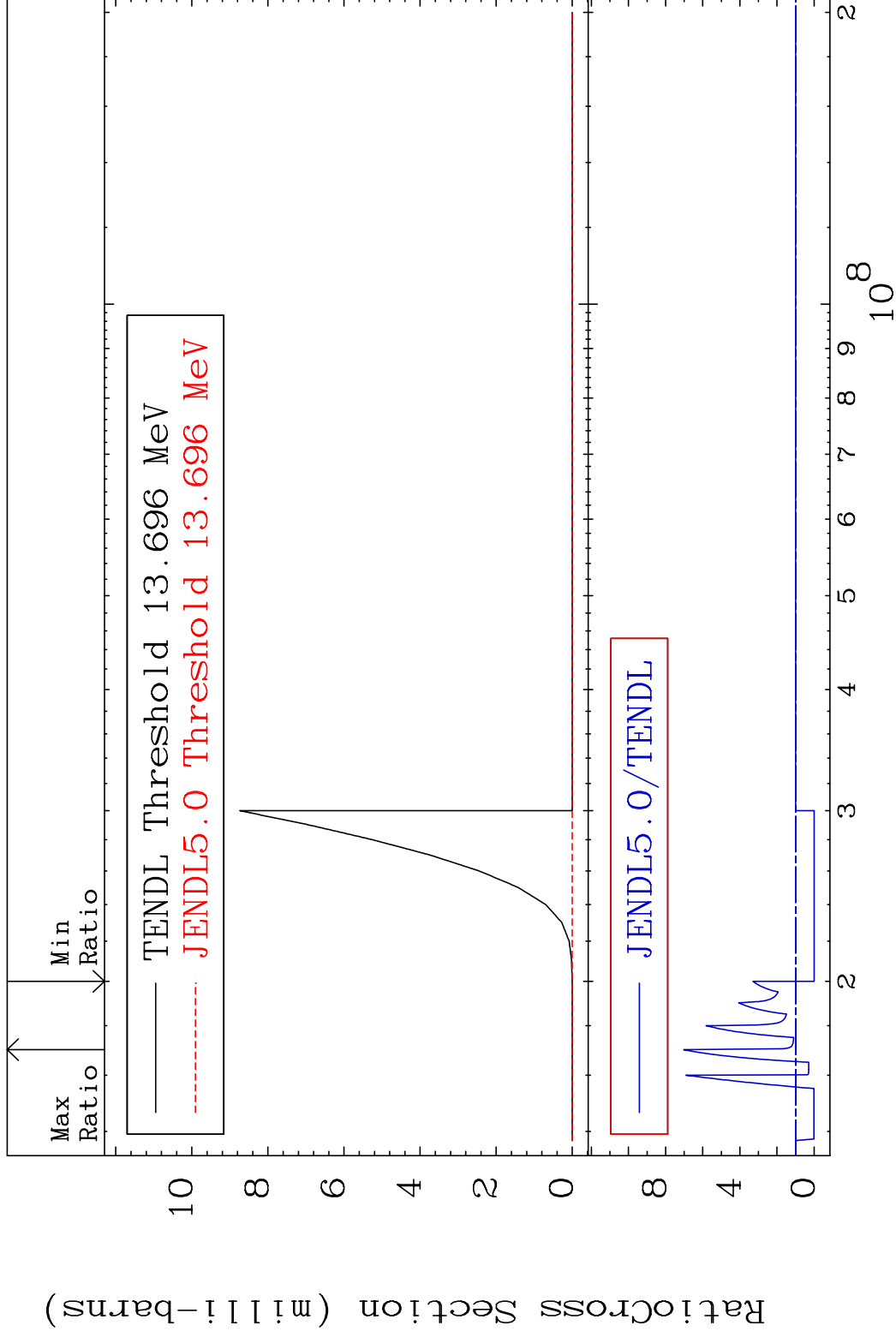
64-Gd-146

MAT 6407

(n, n') d

64-Gd-146

Cross Section -100.0 To 602.7 %



8

Incident Energy (eV)

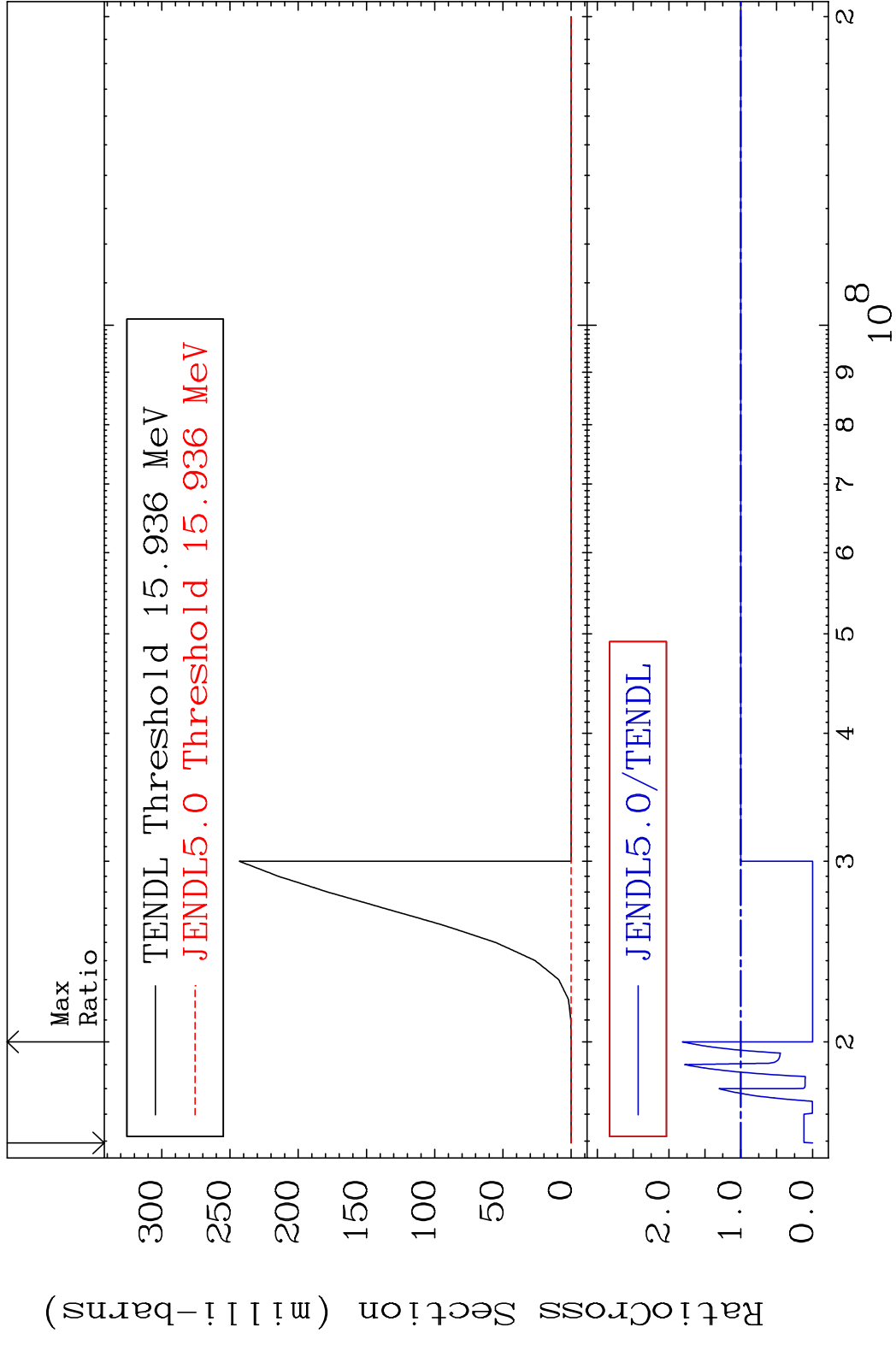
64-Gd-146

MAT 6407

(n,2n) p

64-Gd-146

Cross Section -100.0 To 81.43 %

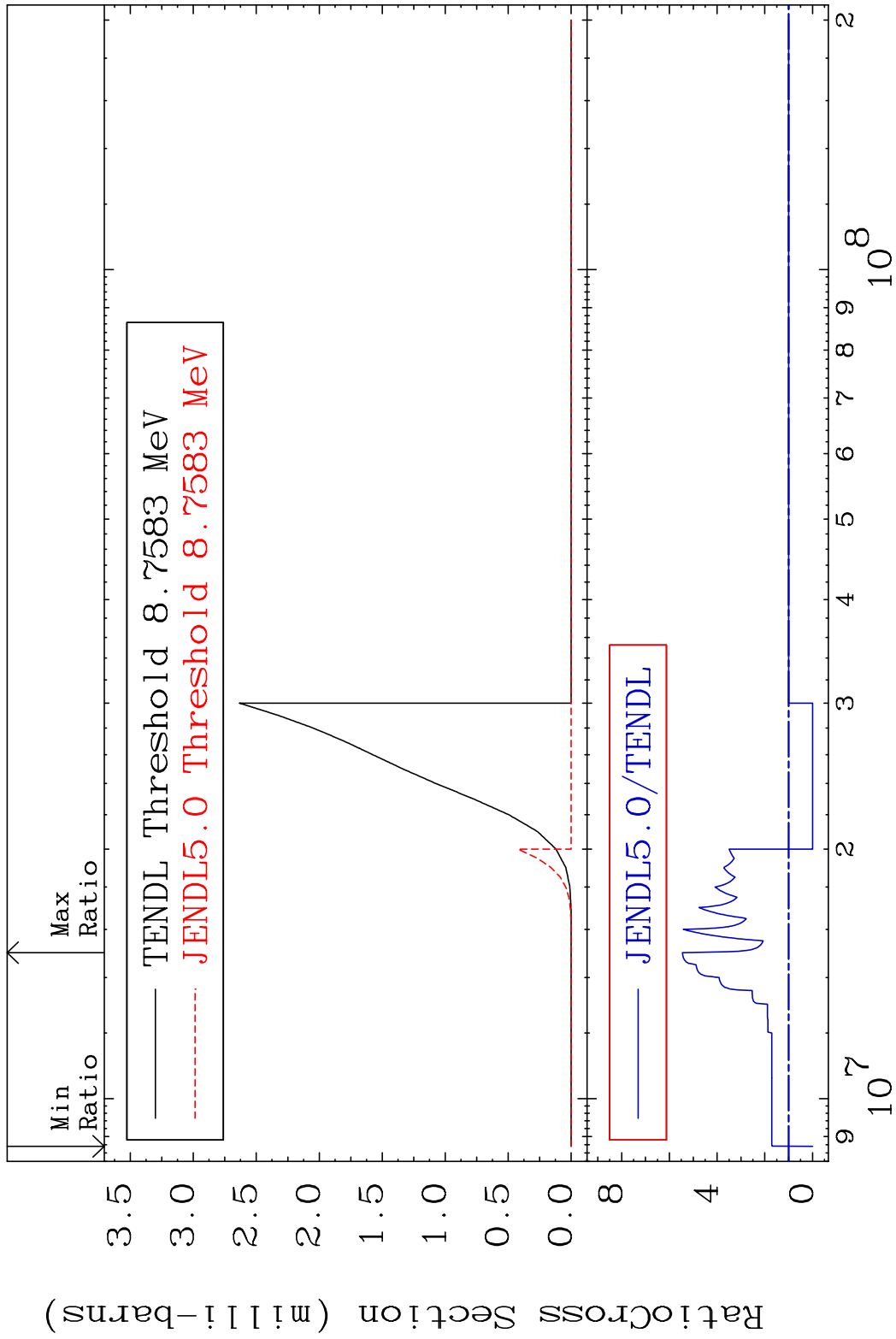


MAT 6407

(n,2n) p

64-Gd-146

Cross Section -100.0 To 445.6 %

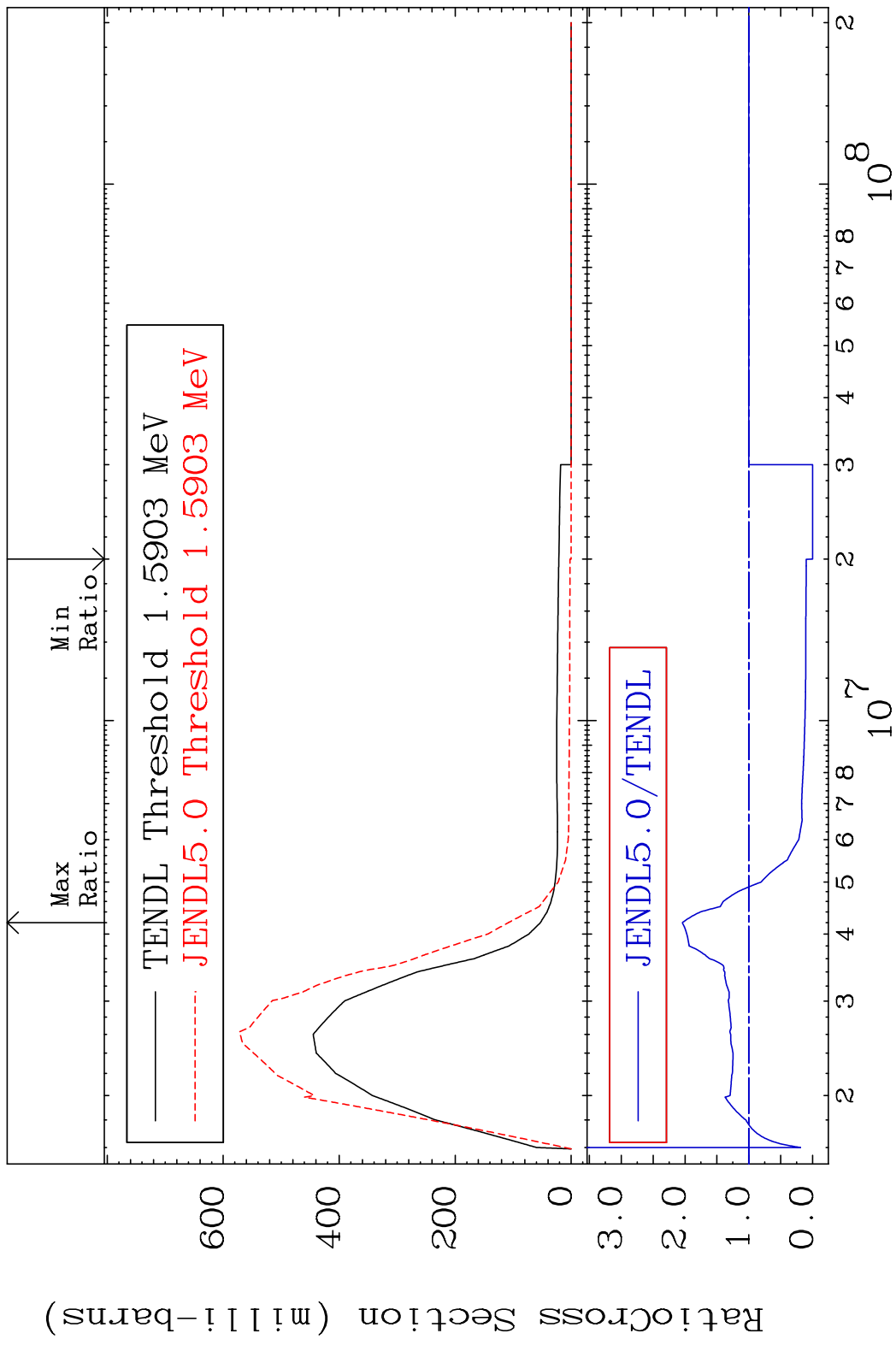


10

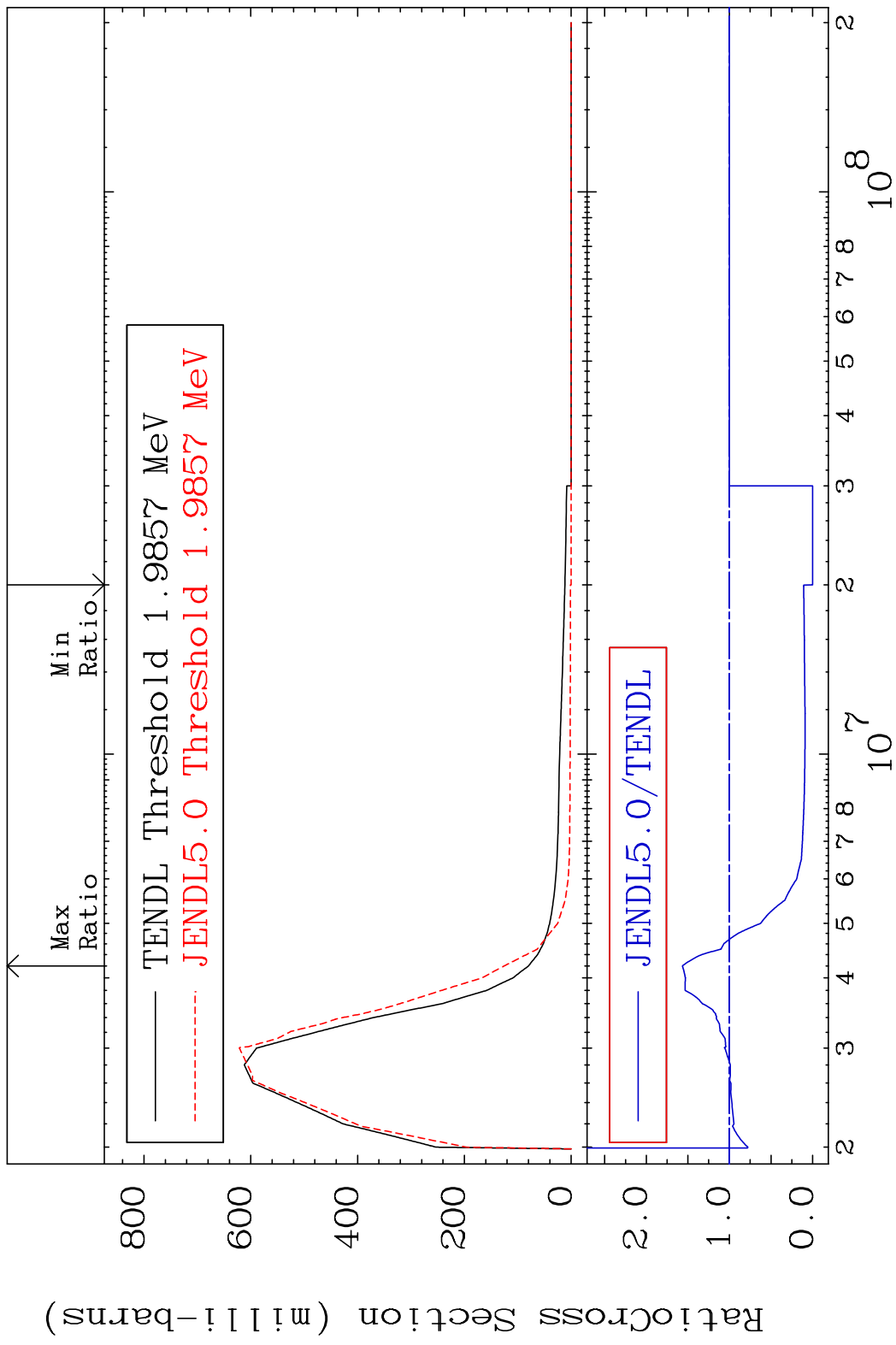
Incident Energy (eV)

64-Gd-146

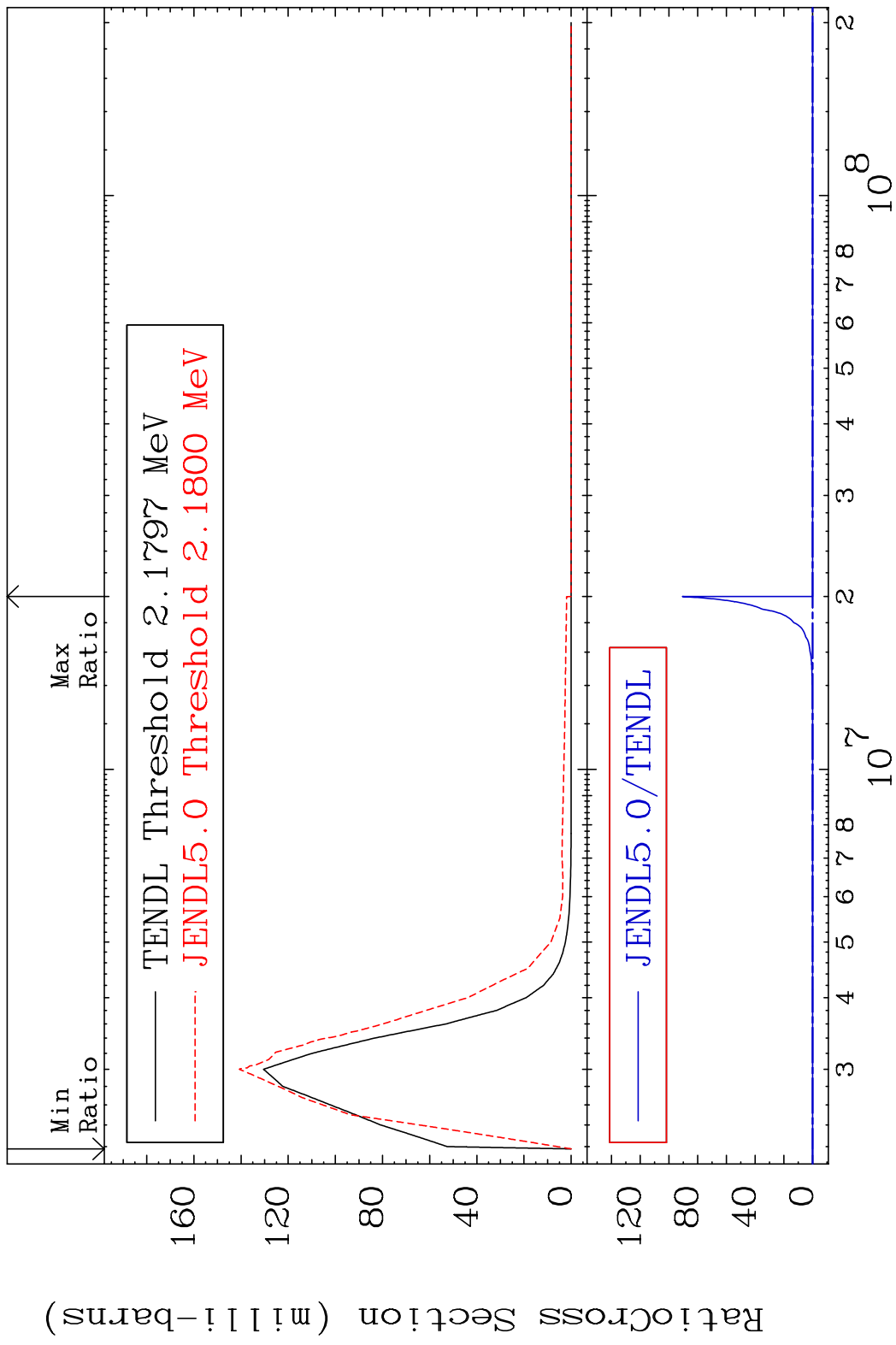
MAT 6407 MT= 51 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 104.2 %



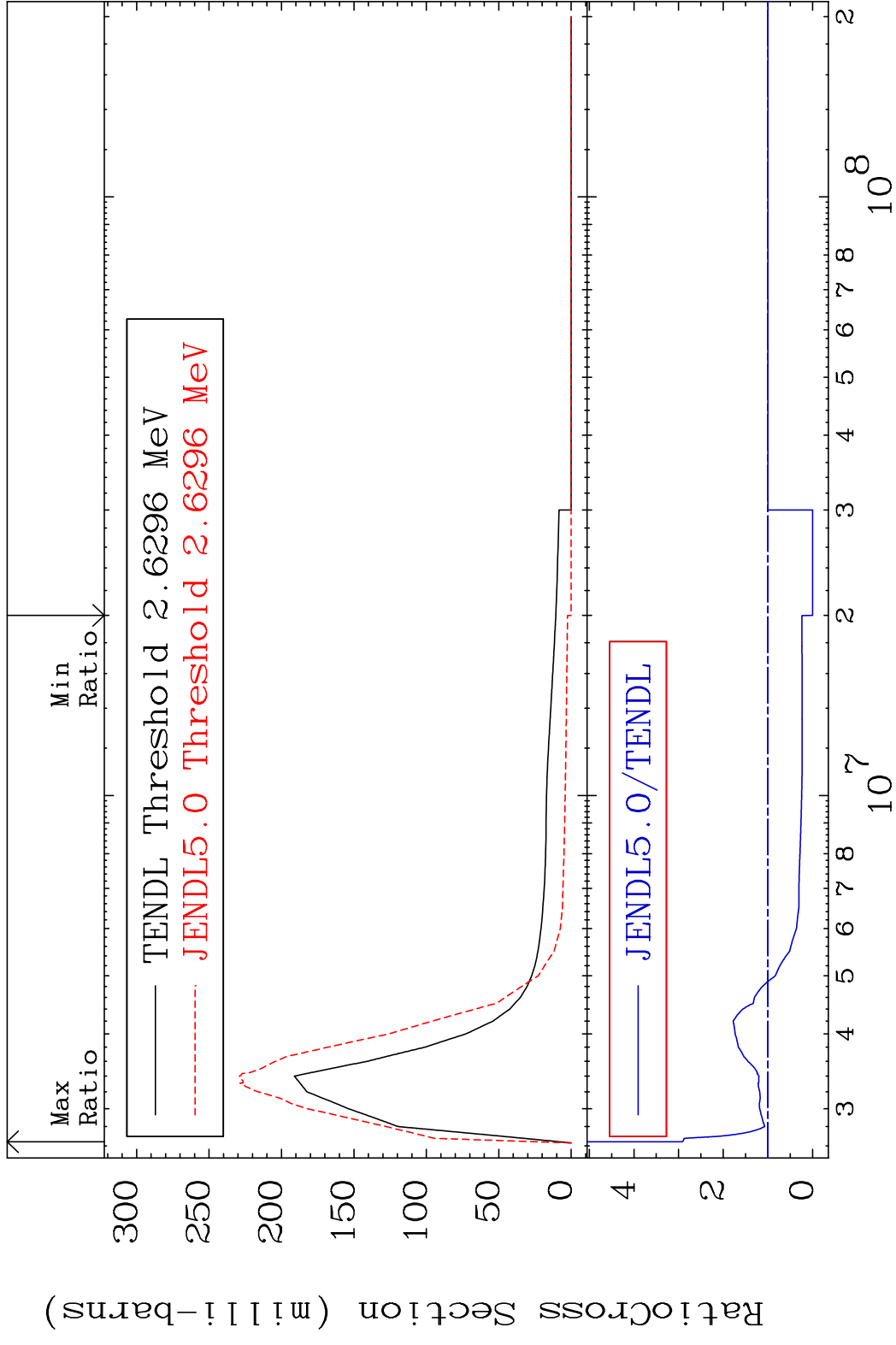
MAT 6407 MT= 52 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 56.63 %



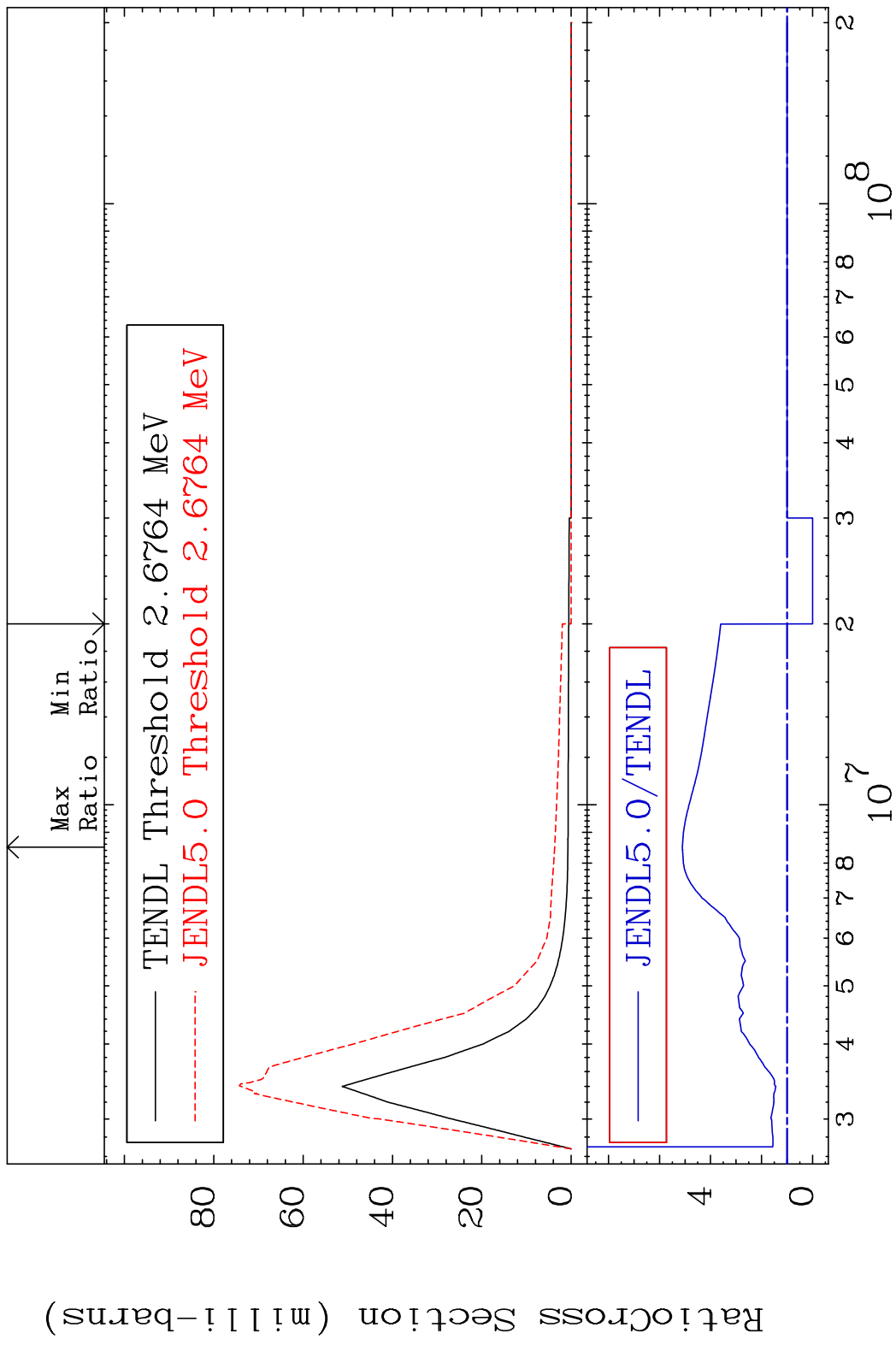
MAT 6407 MT= 53 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



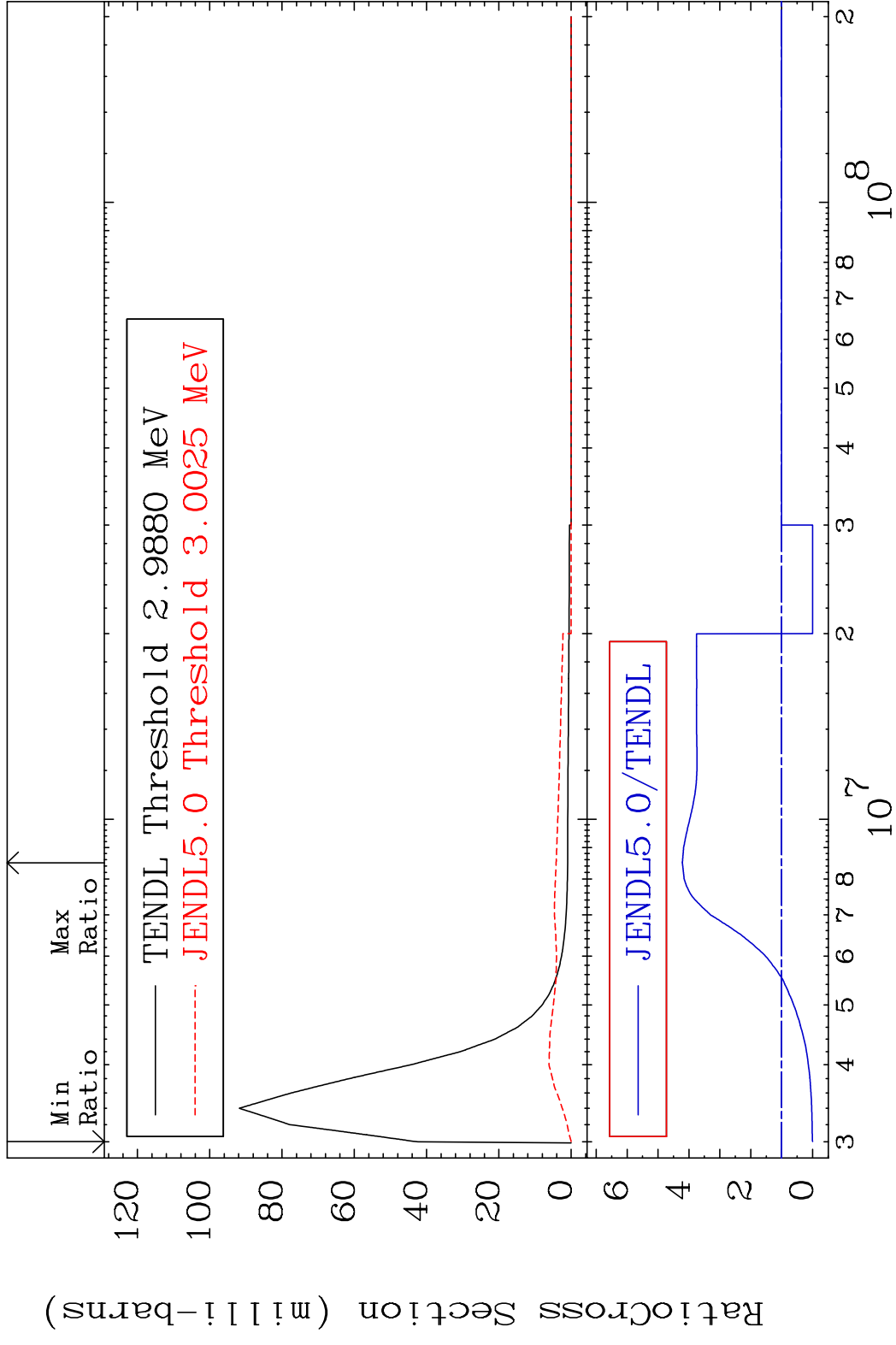
MAT 6407 MT= 54 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 191.6 %



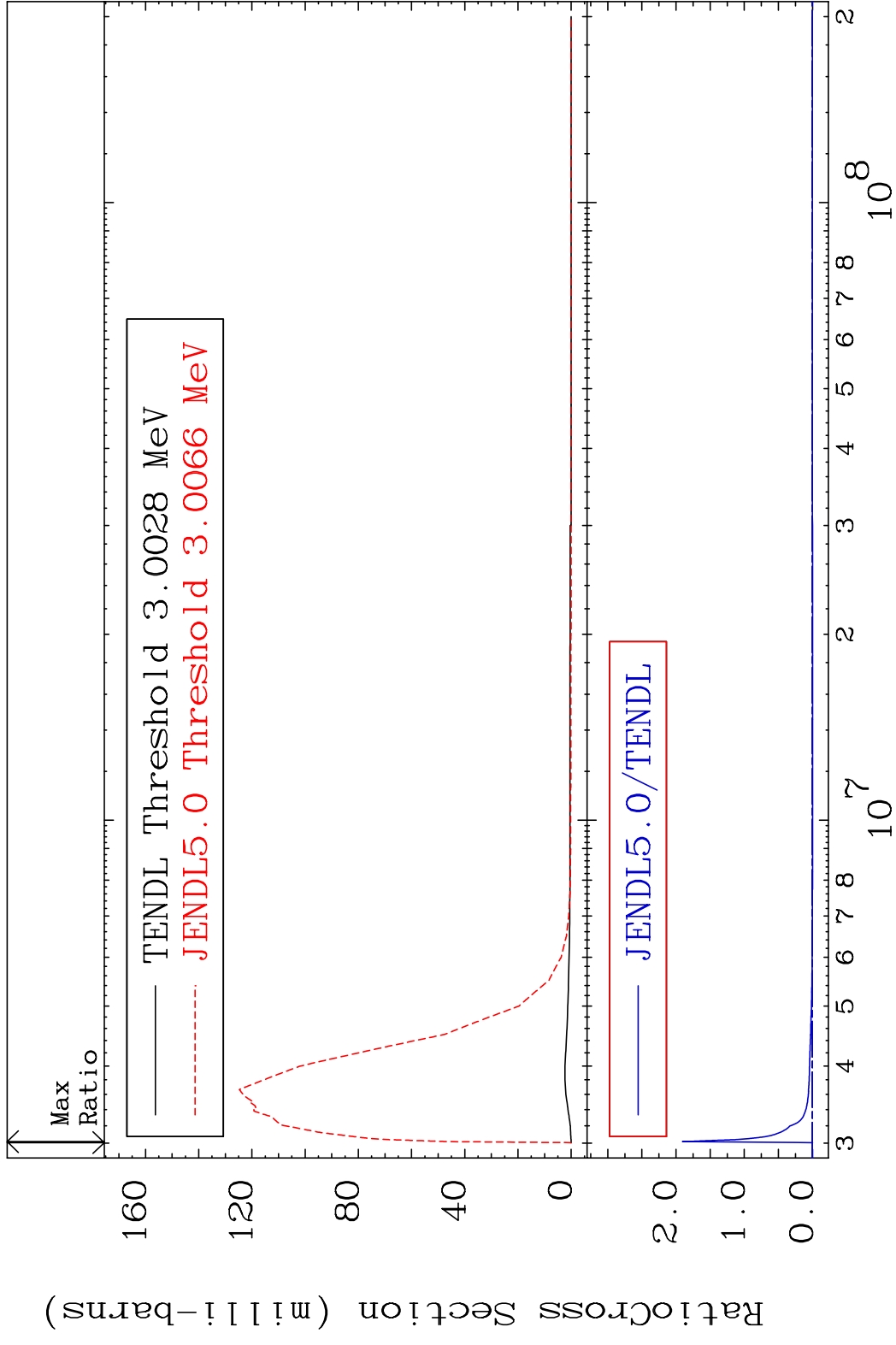
MAT 6407 MT= 55 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 410.5 %



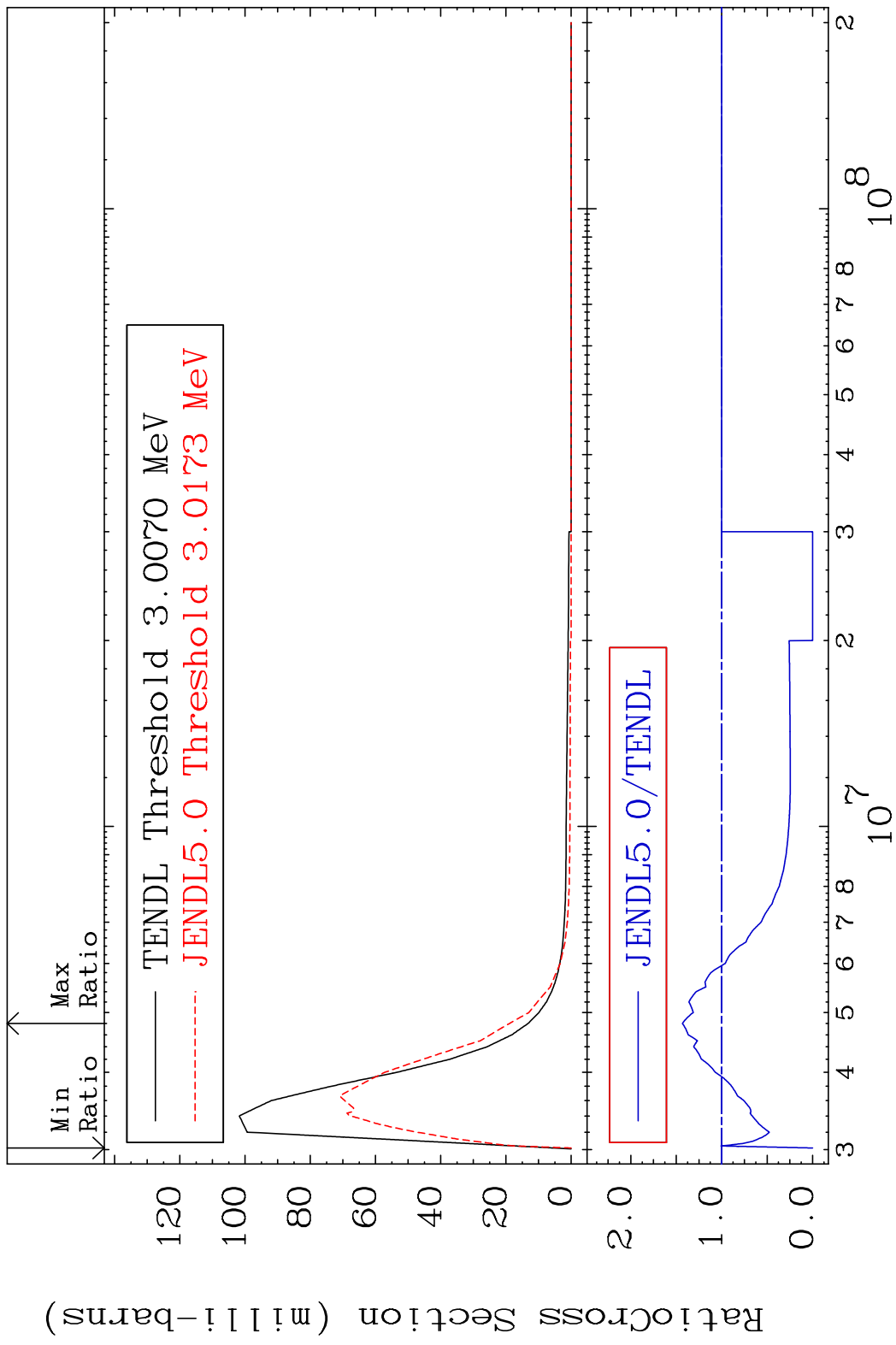
MAT 6407 MT= 56 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 321.3 %



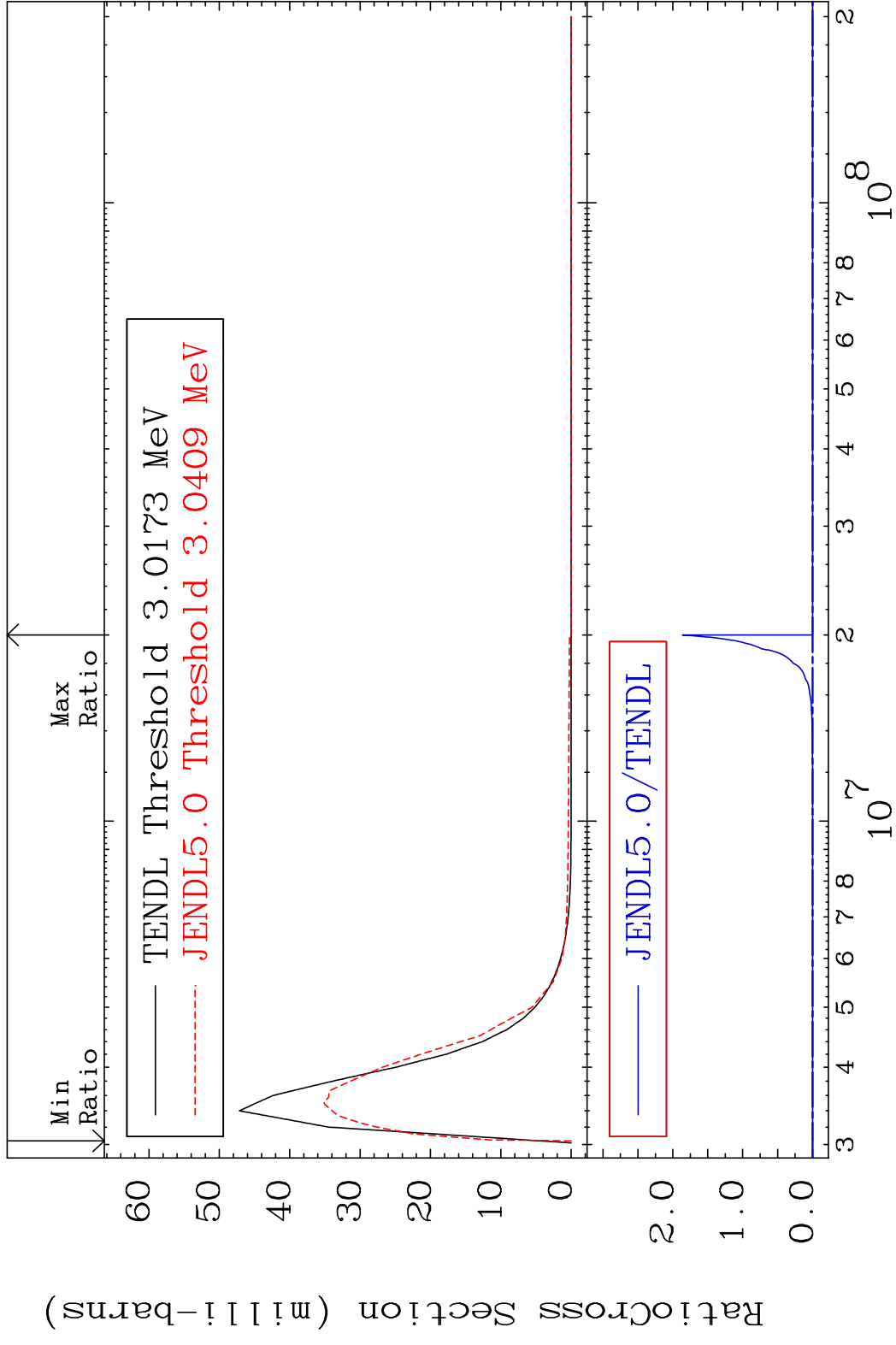
MAT 6407 MT= 57 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



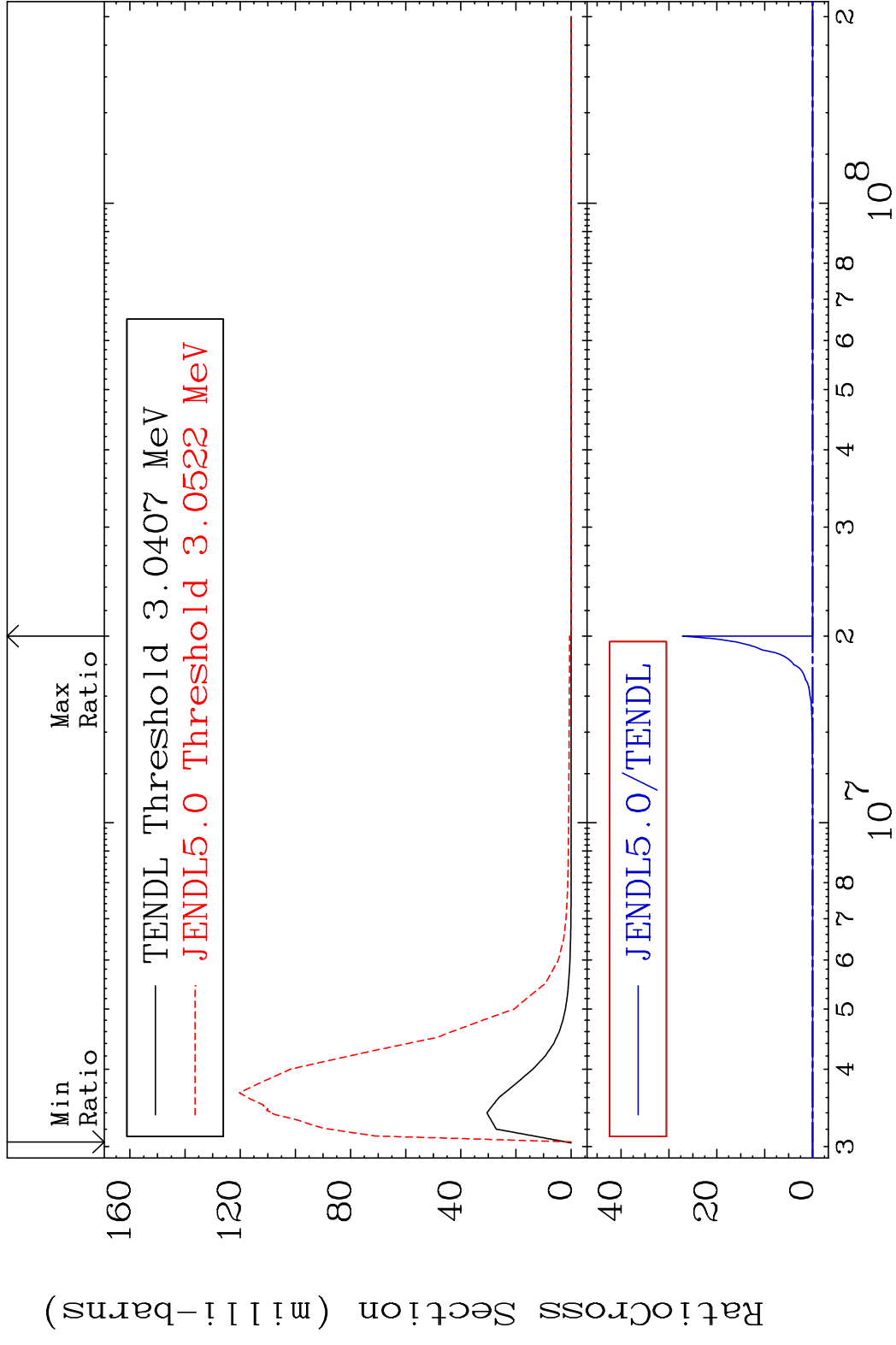
MAT 6407 MT= 58 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 43.28 %



MAT 6407 MT= 59 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %

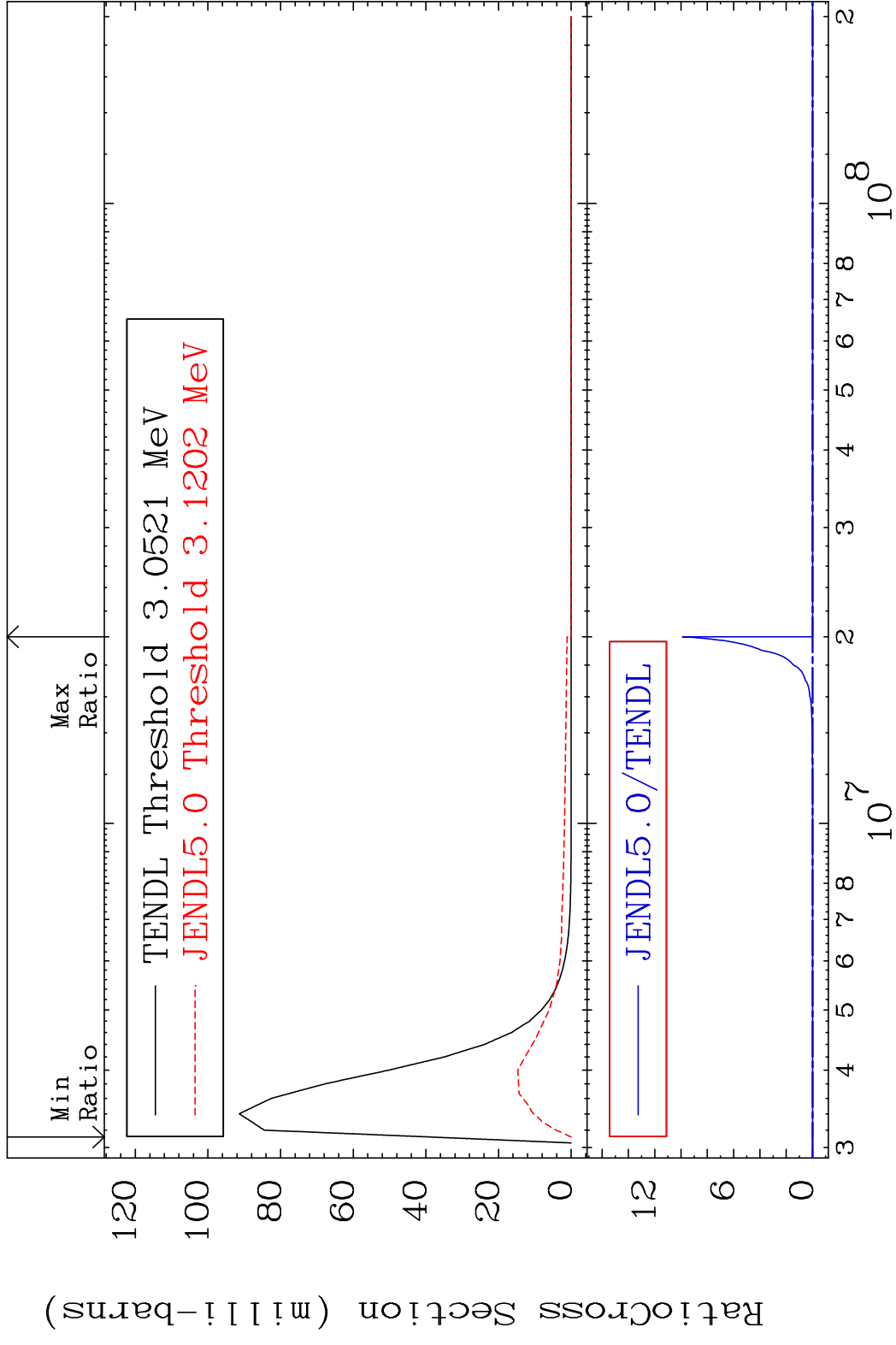


MAT 6407 MT= 60 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %

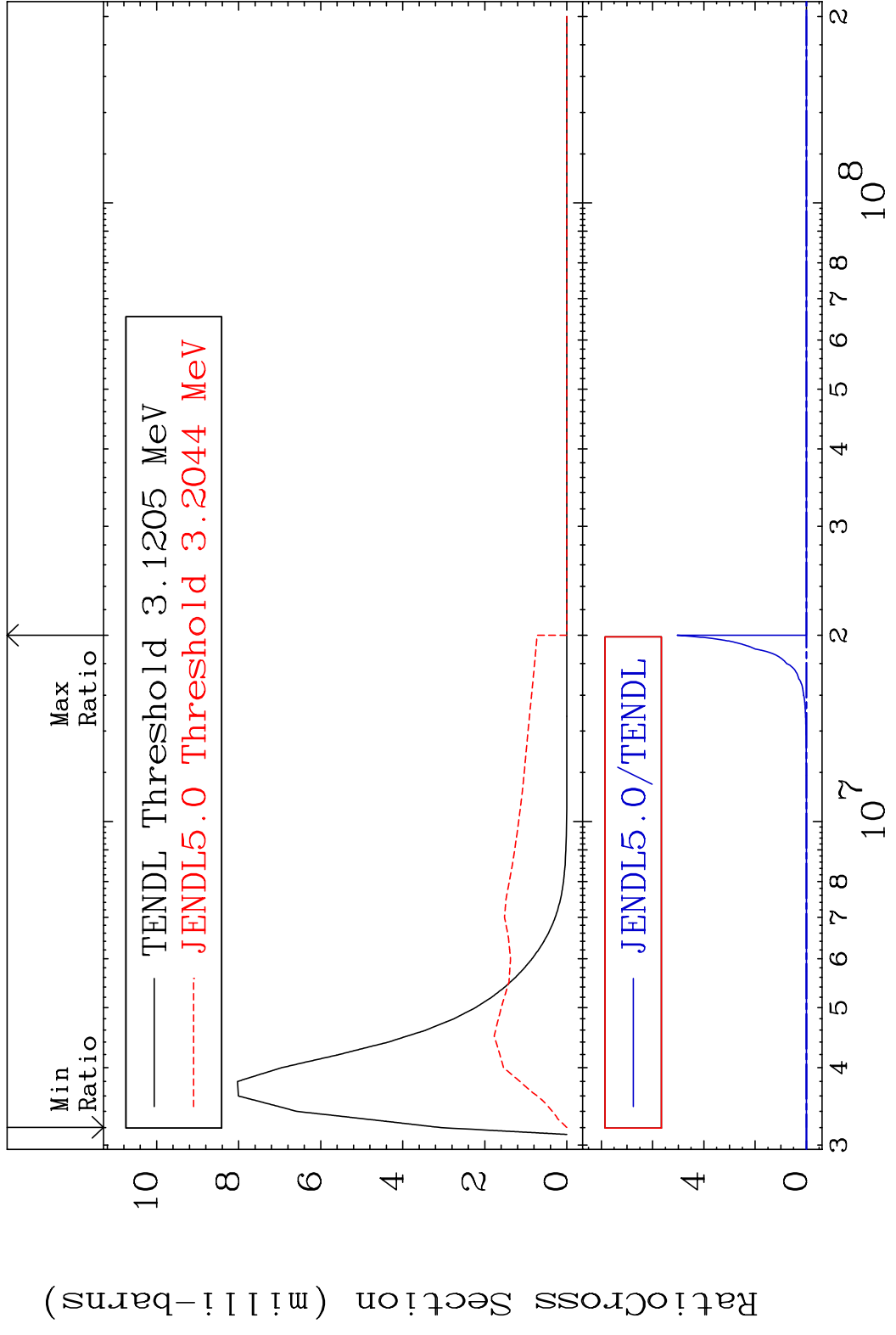


20 Incident Energy (eV) 64-Gd-146

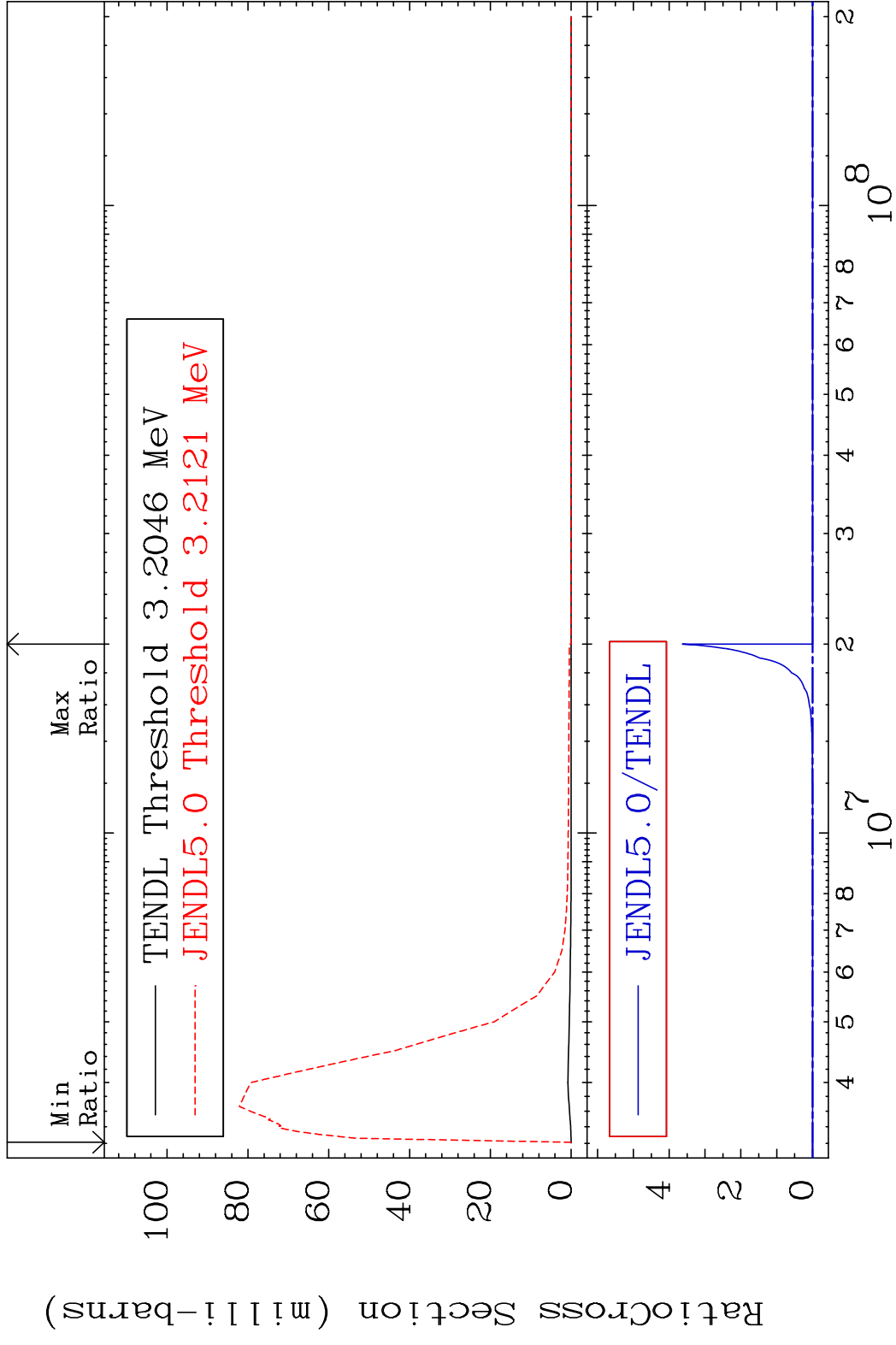
MAT 6407 MT= 61 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



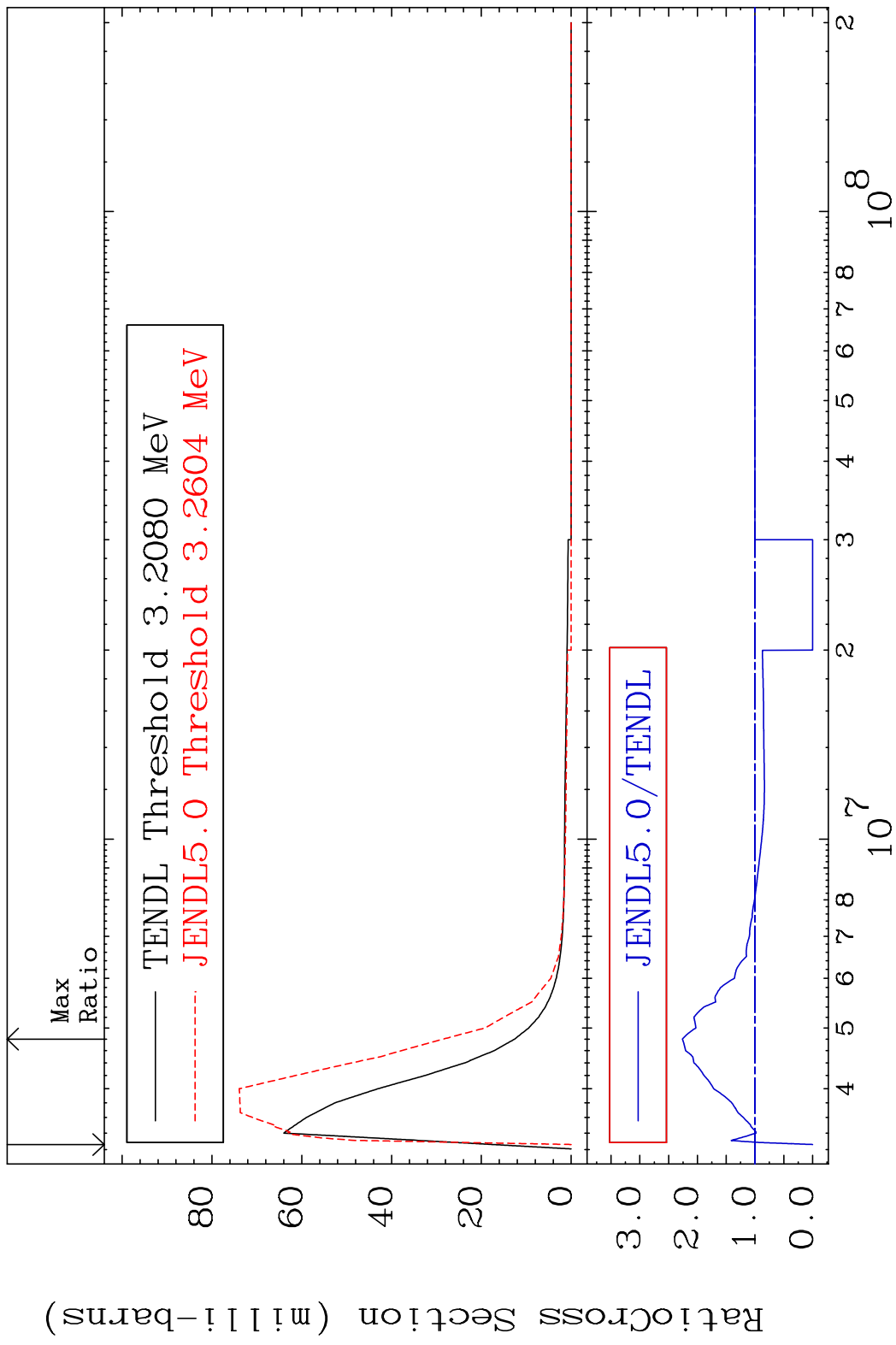
MAT 6407 MT= 62 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



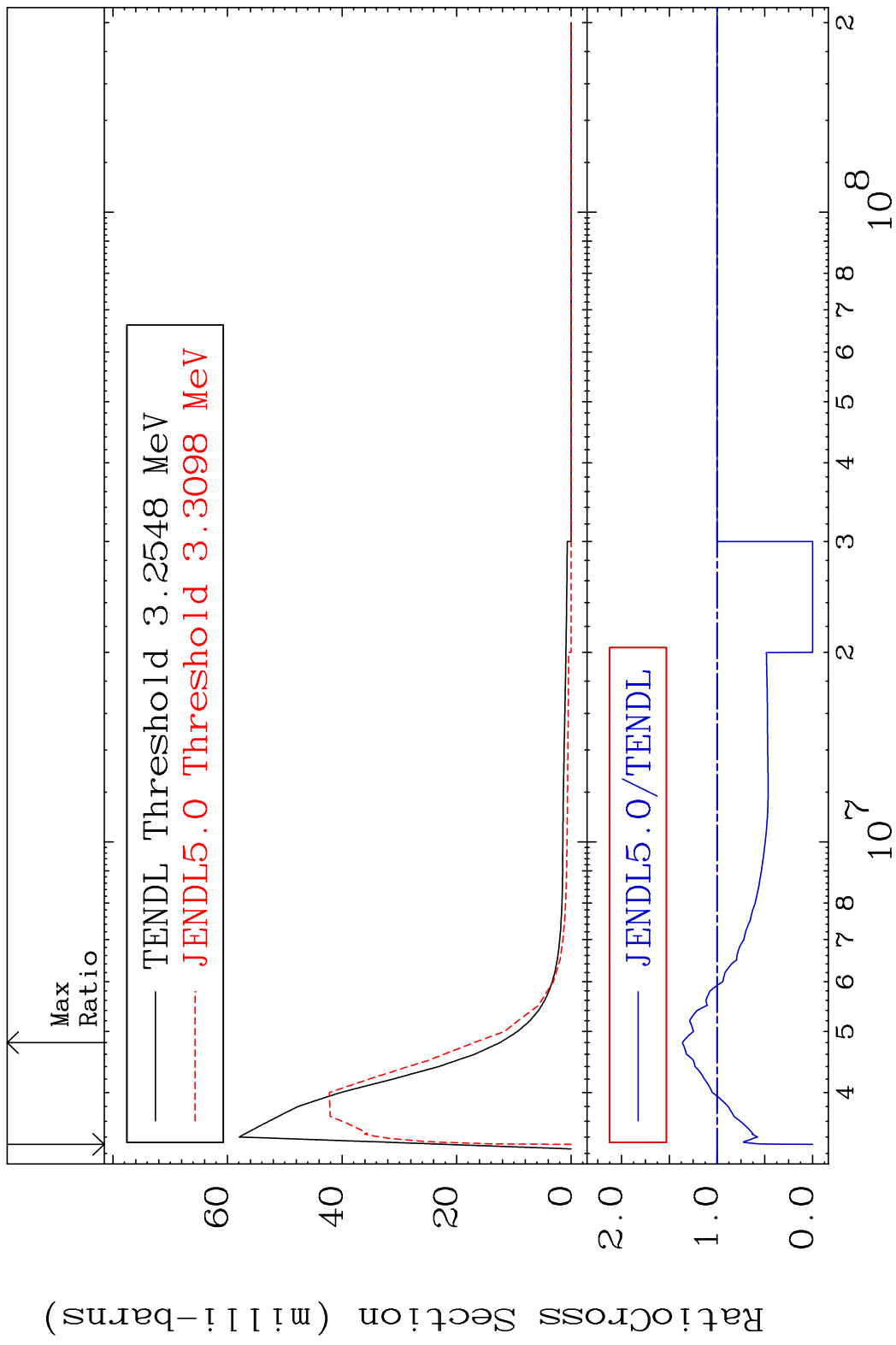
MAT 6407 MT= 63 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



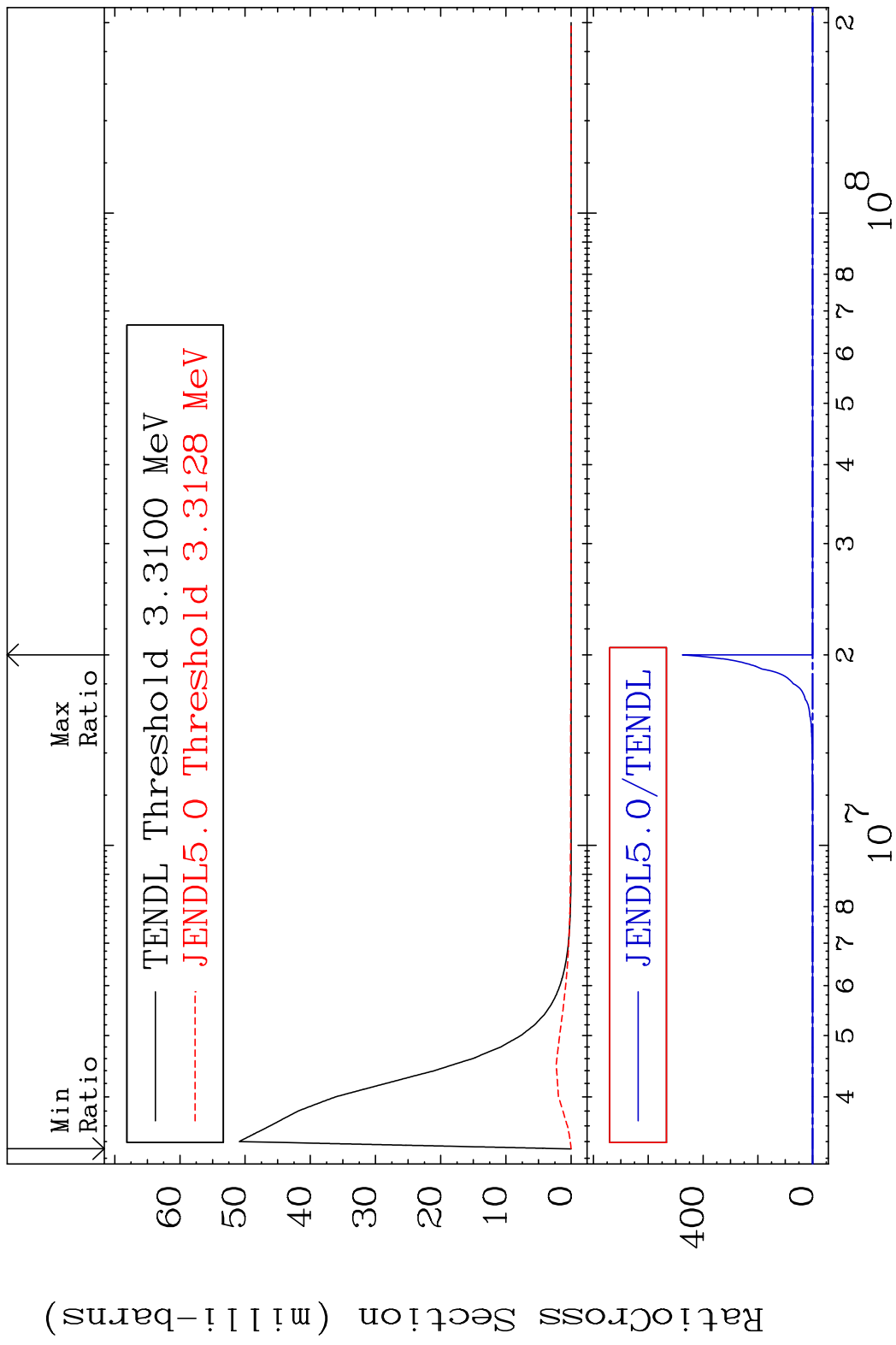
MAT 6407 MT= 64 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 126.2 %



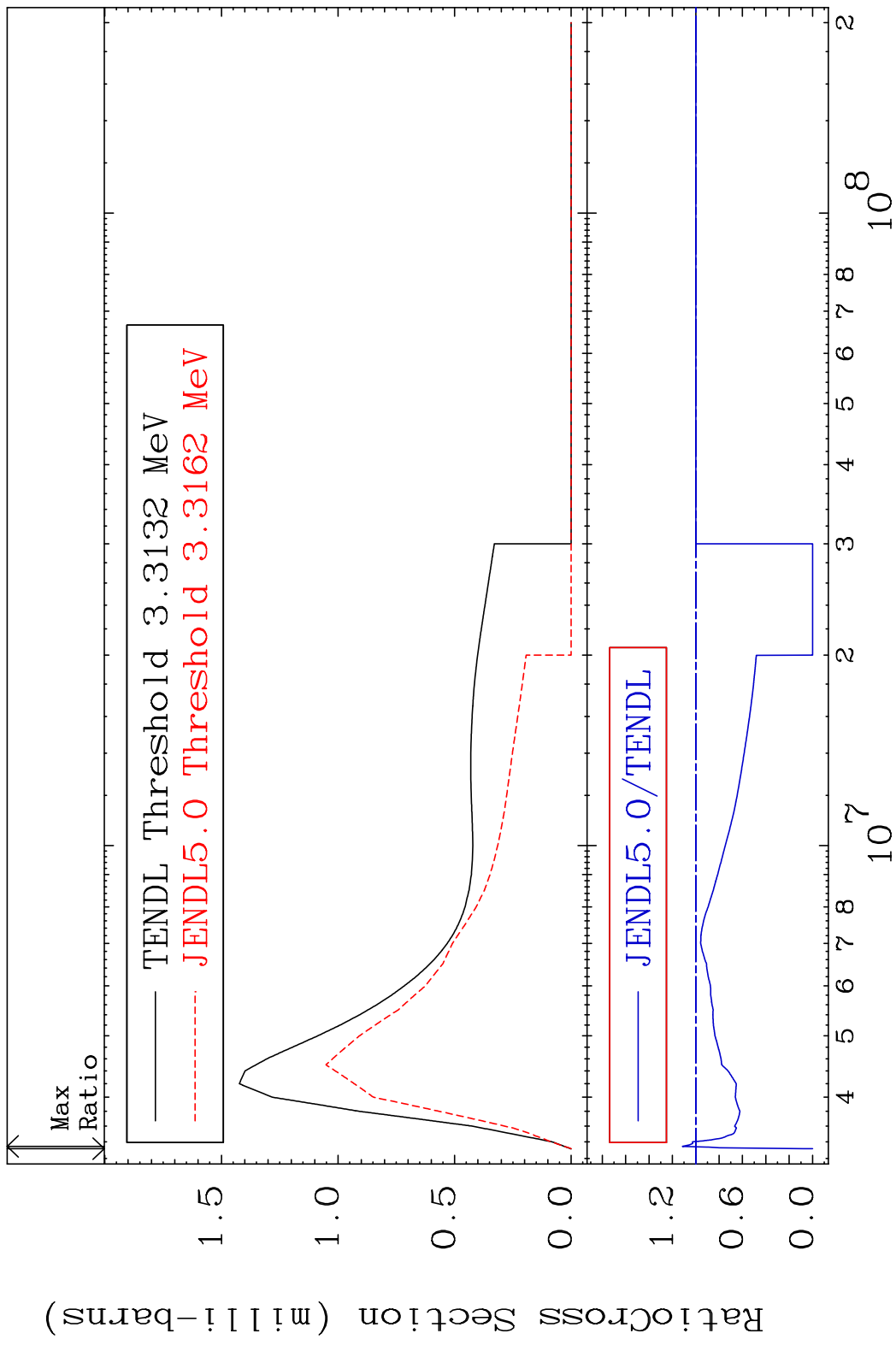
MAT 6407 MT= 65 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 36.34 %



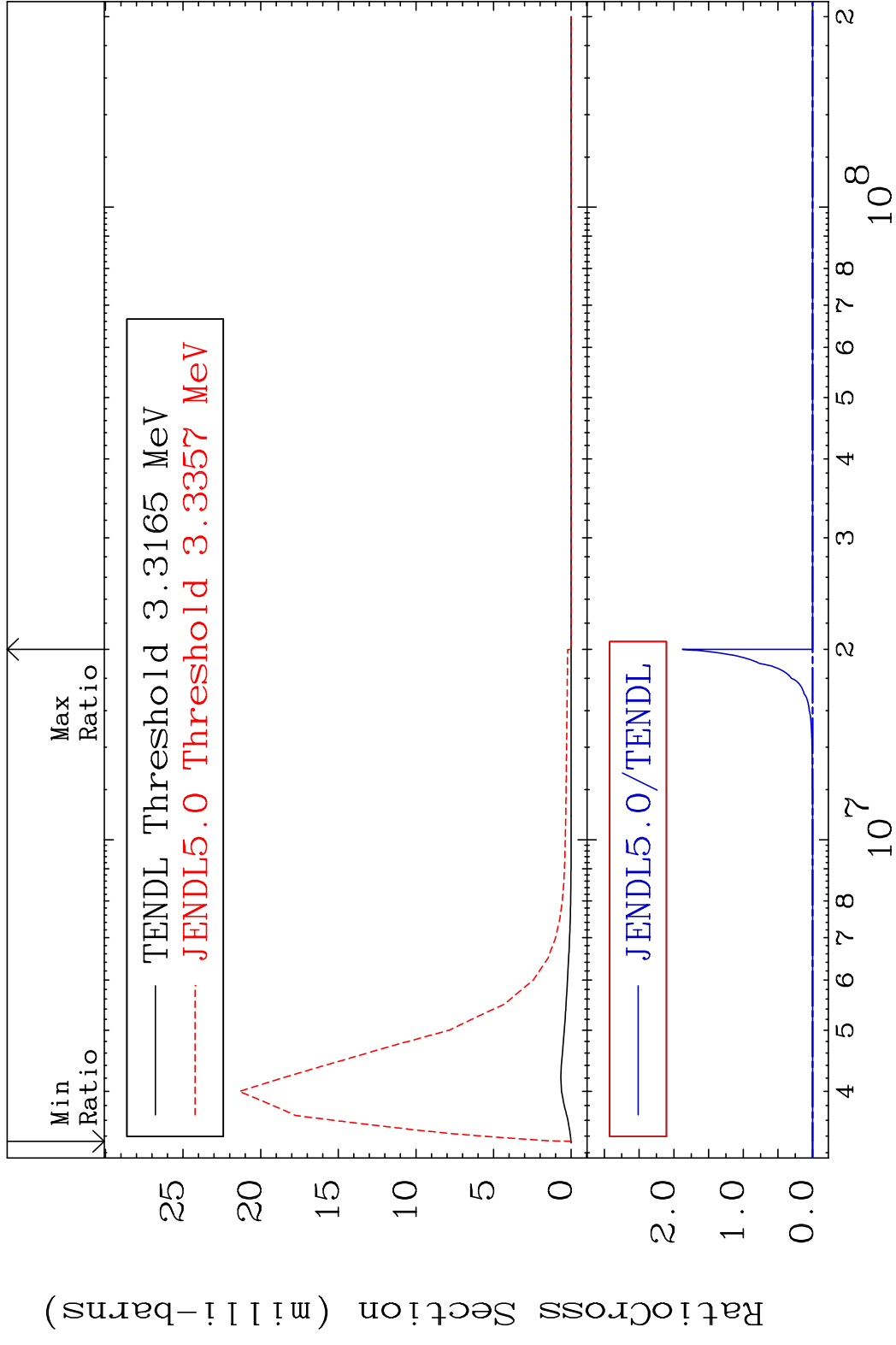
MAT 6407 MT= 66 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



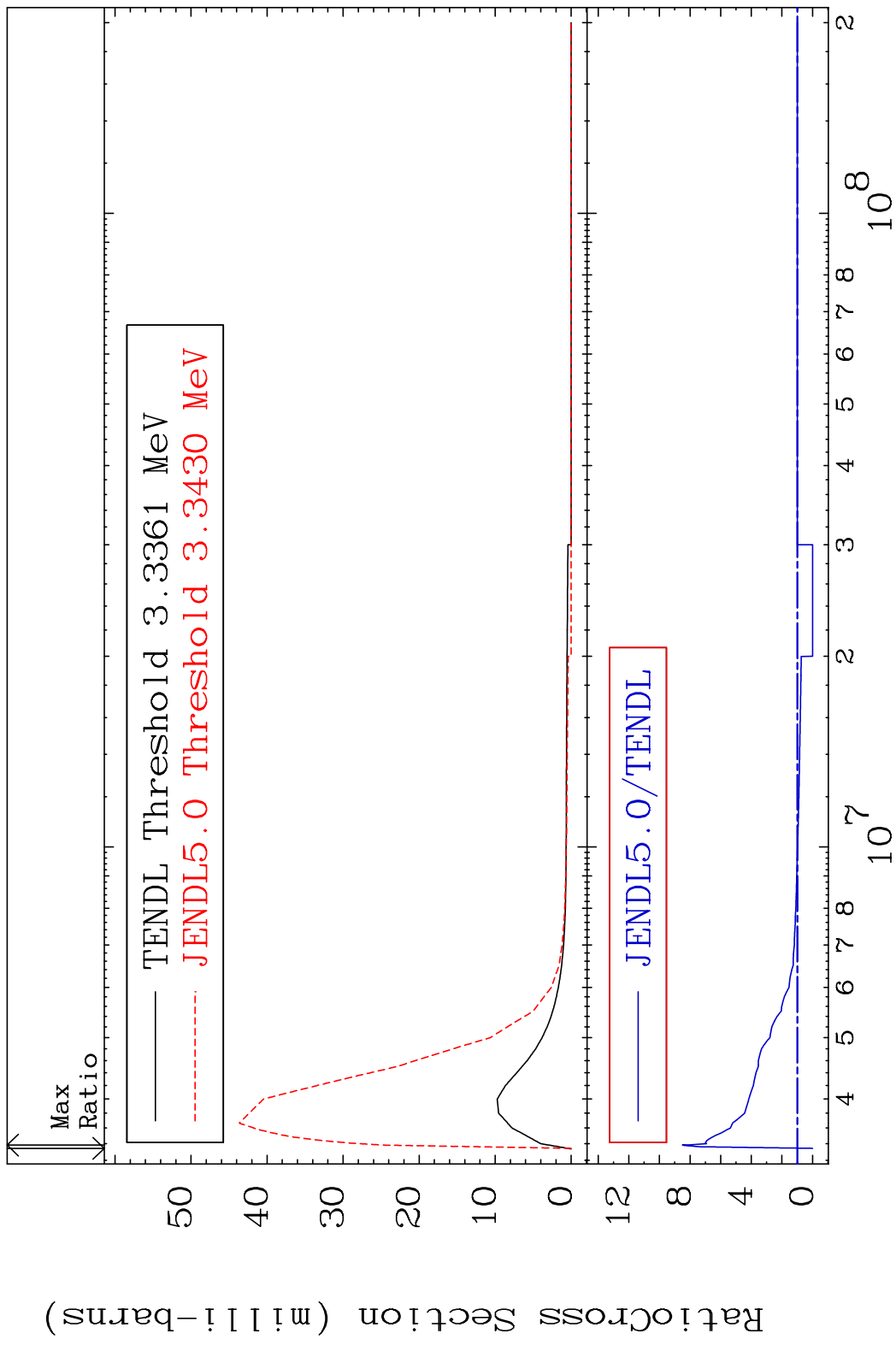
MAT 6407 MT= 67 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 11.47 %



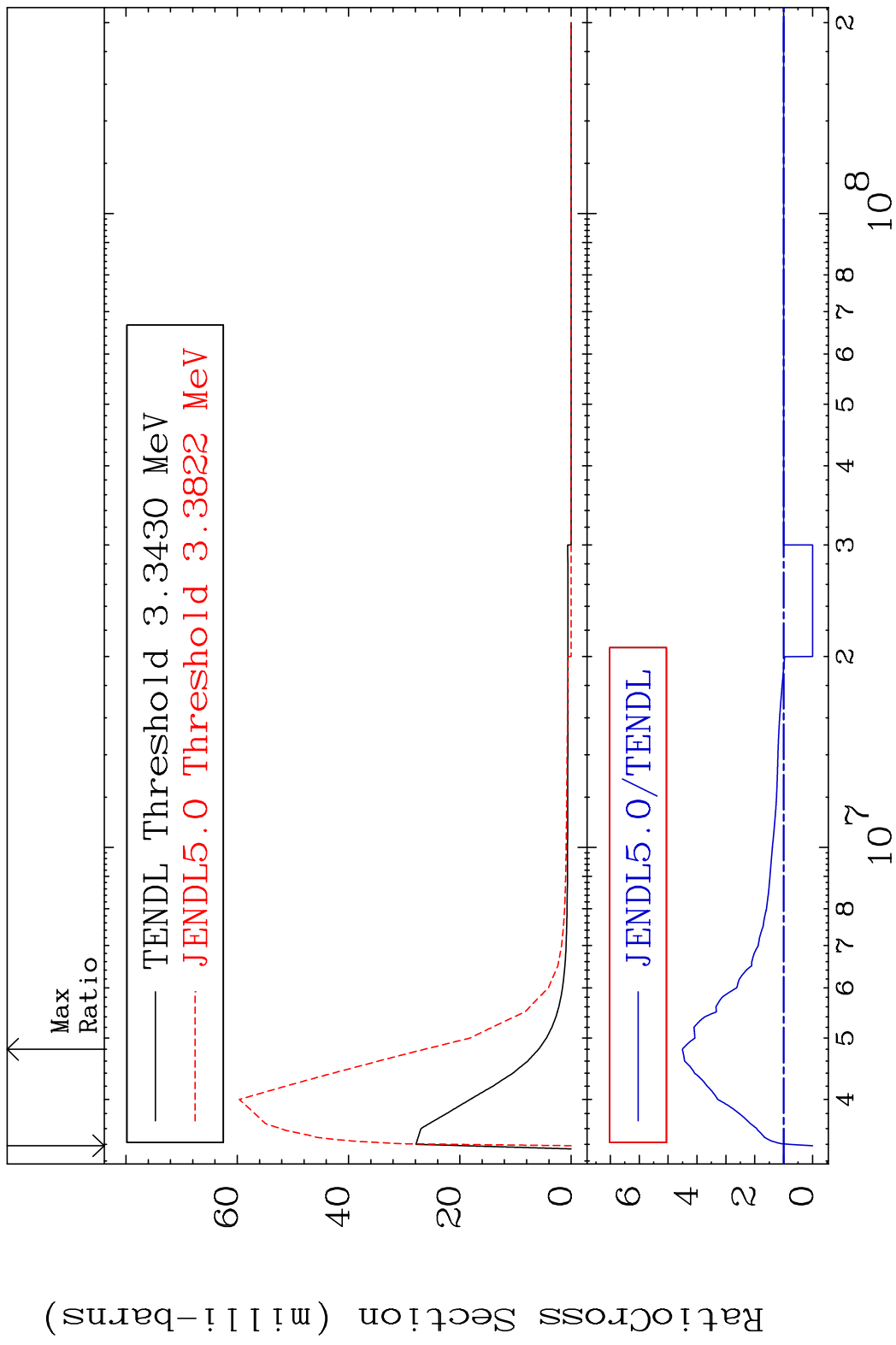
MAT 6407 MT= 68 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



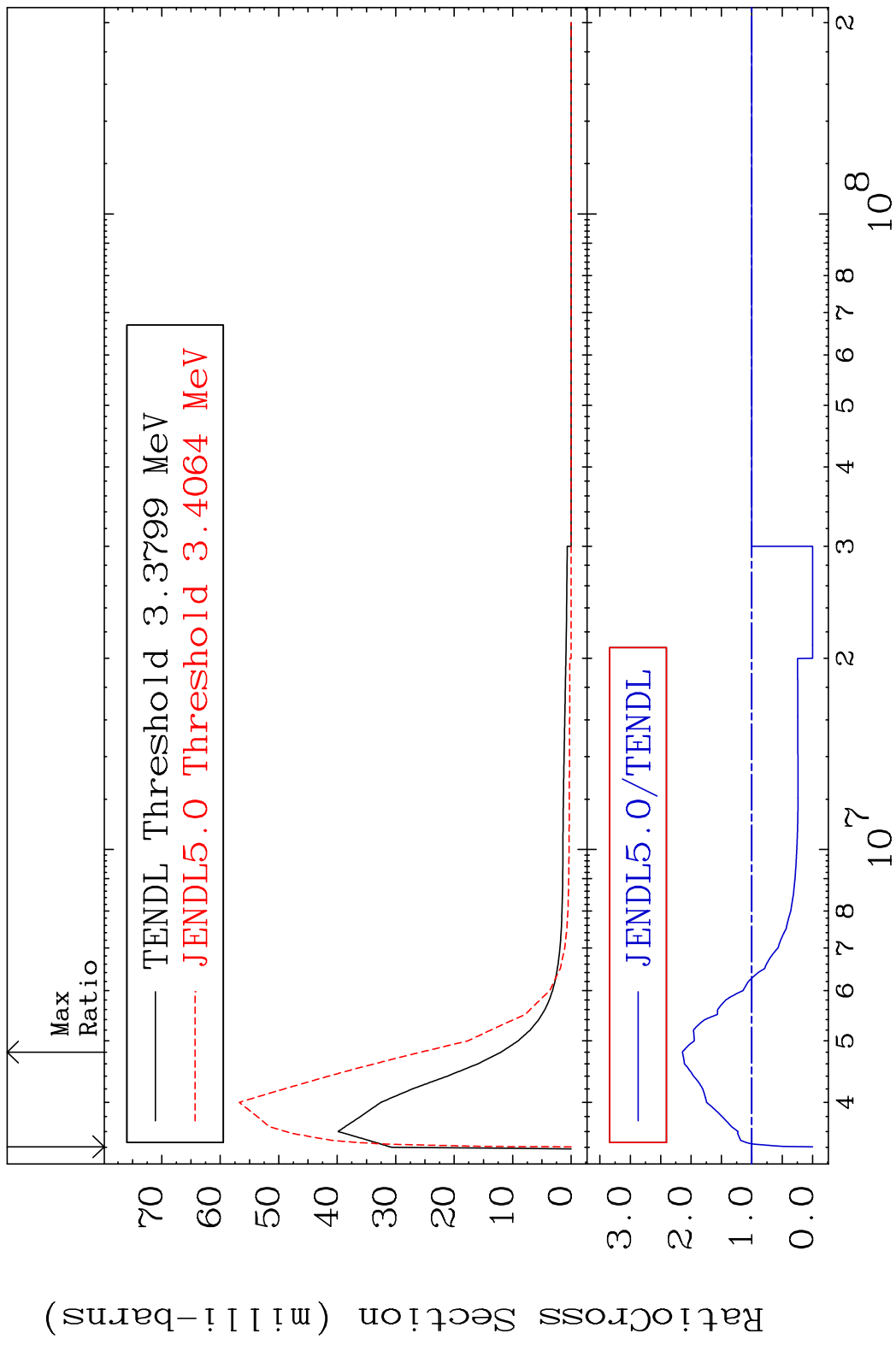
MAT 6407 MT= 69 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 750.3 %



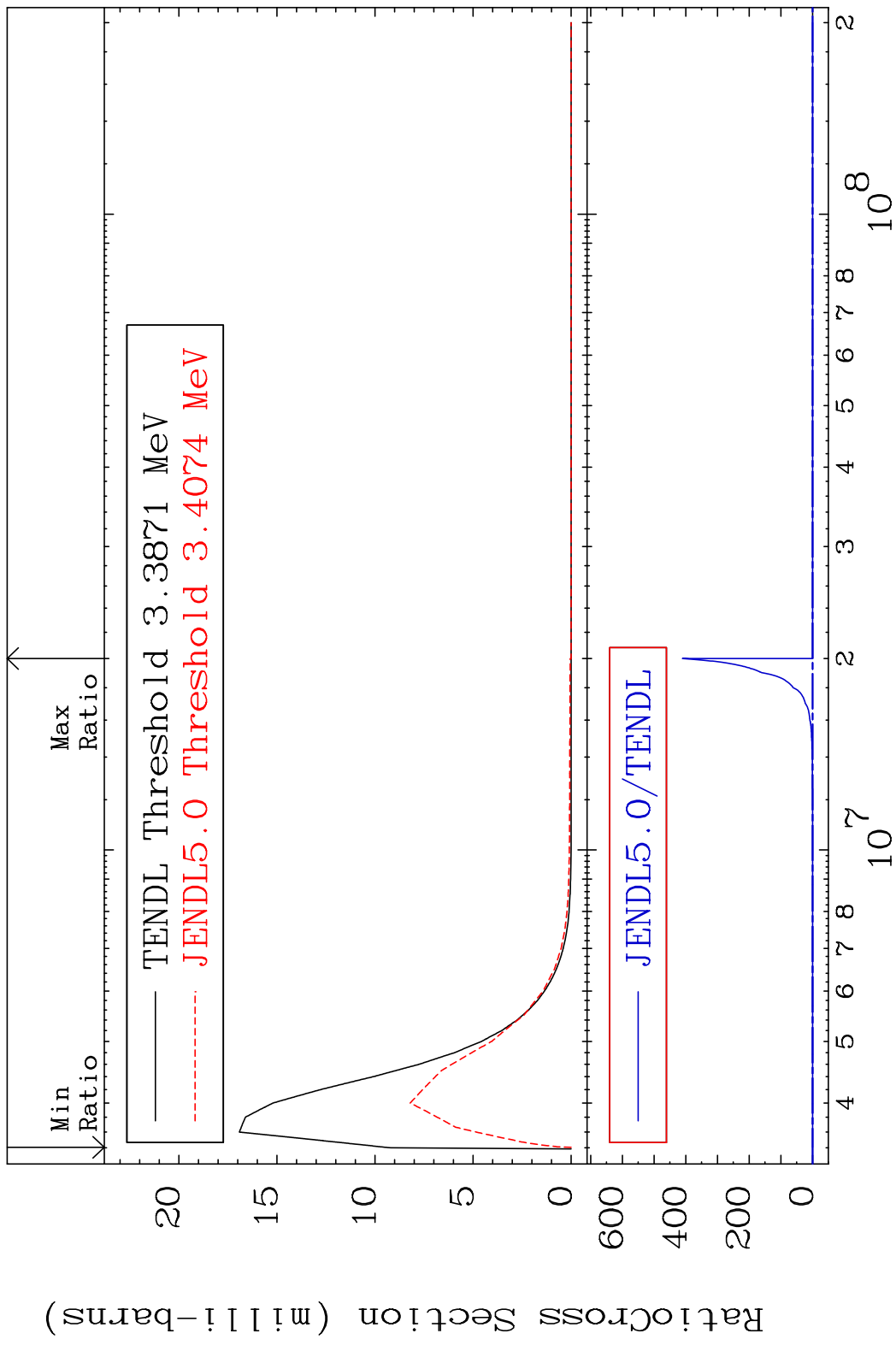
MAT 6407 MT= 70 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 350.8 %



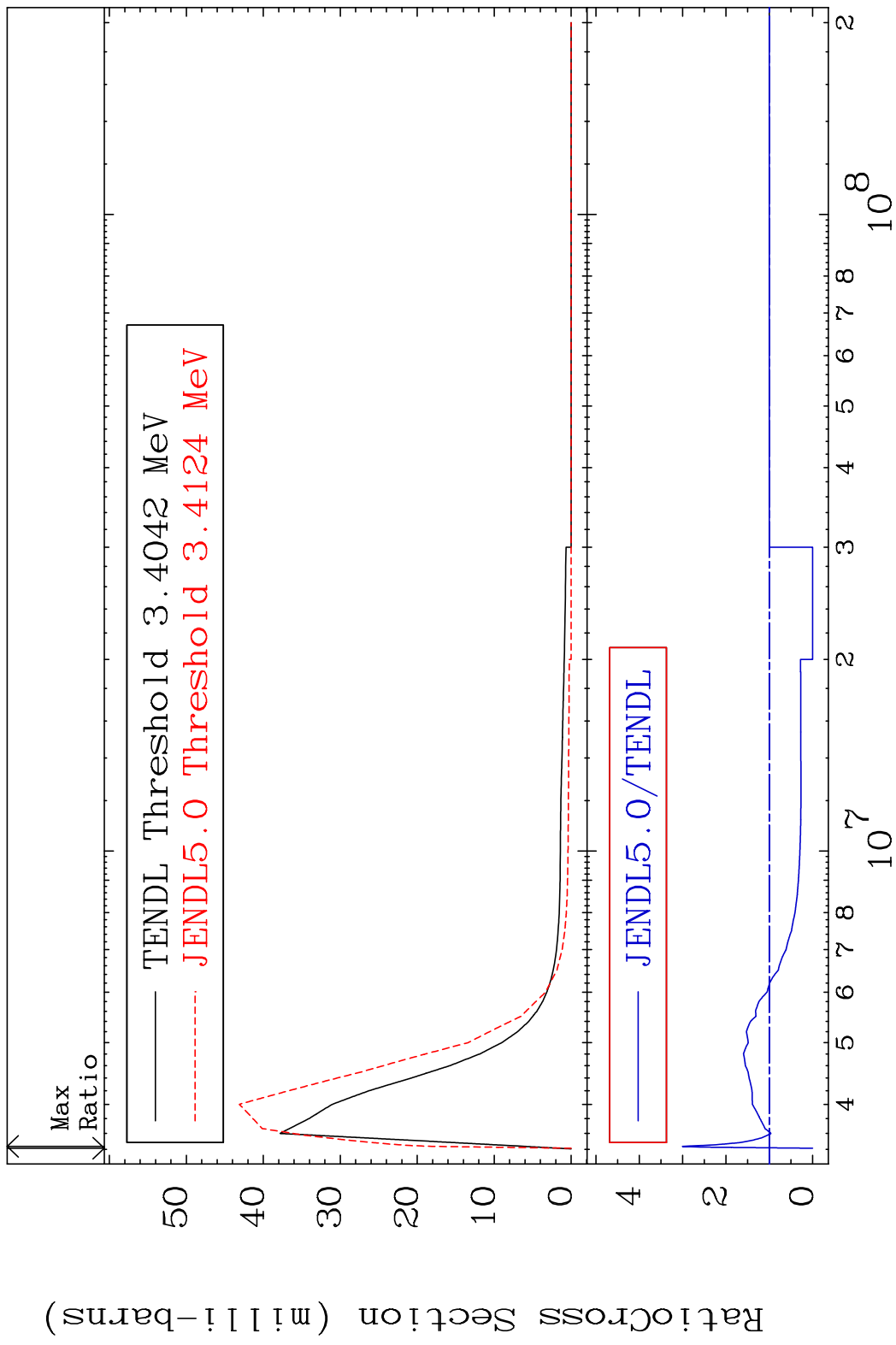
MAT 6407 MT= 71 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 114.3 %



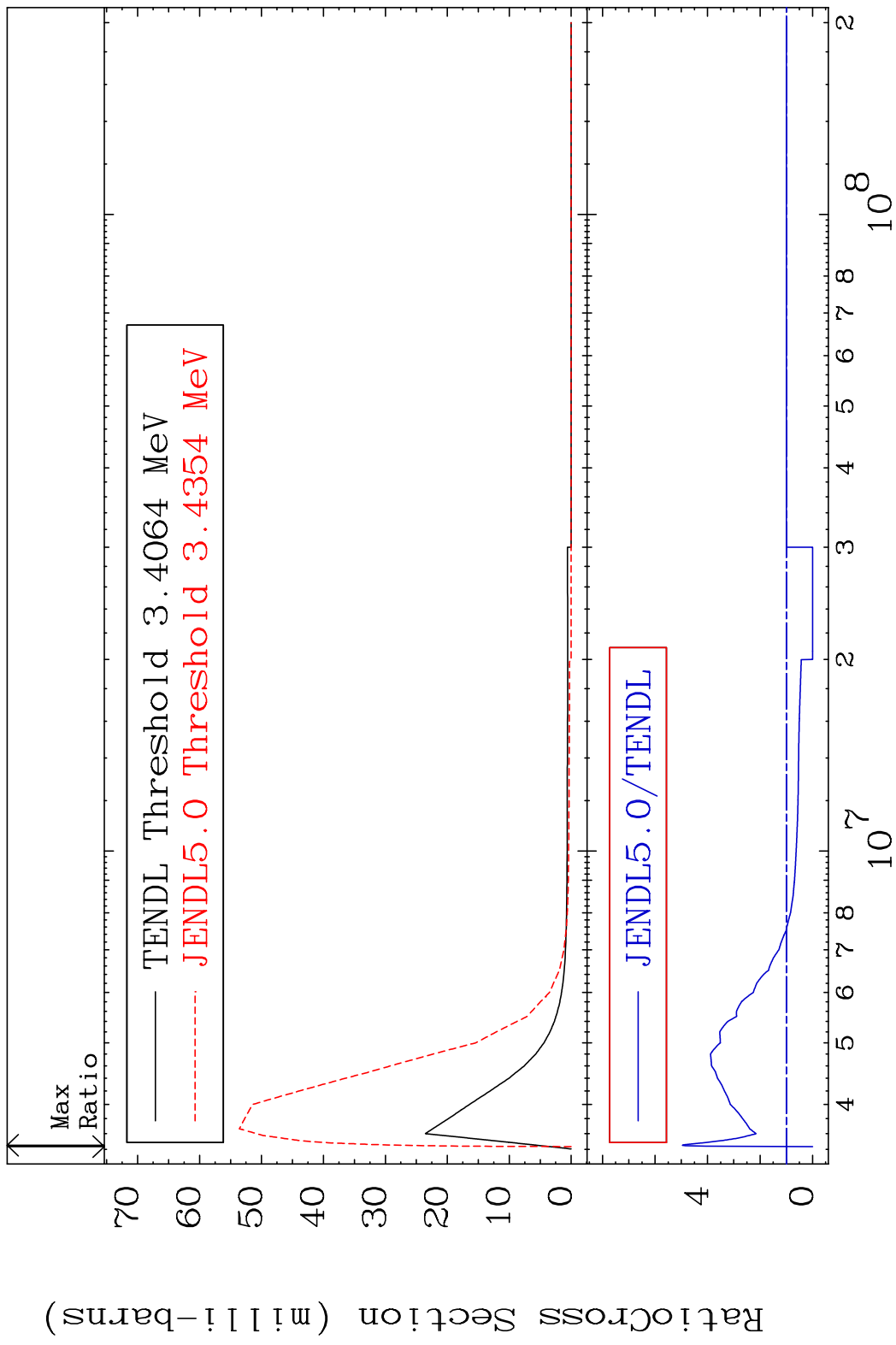
MAT 6407 MT= 72 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



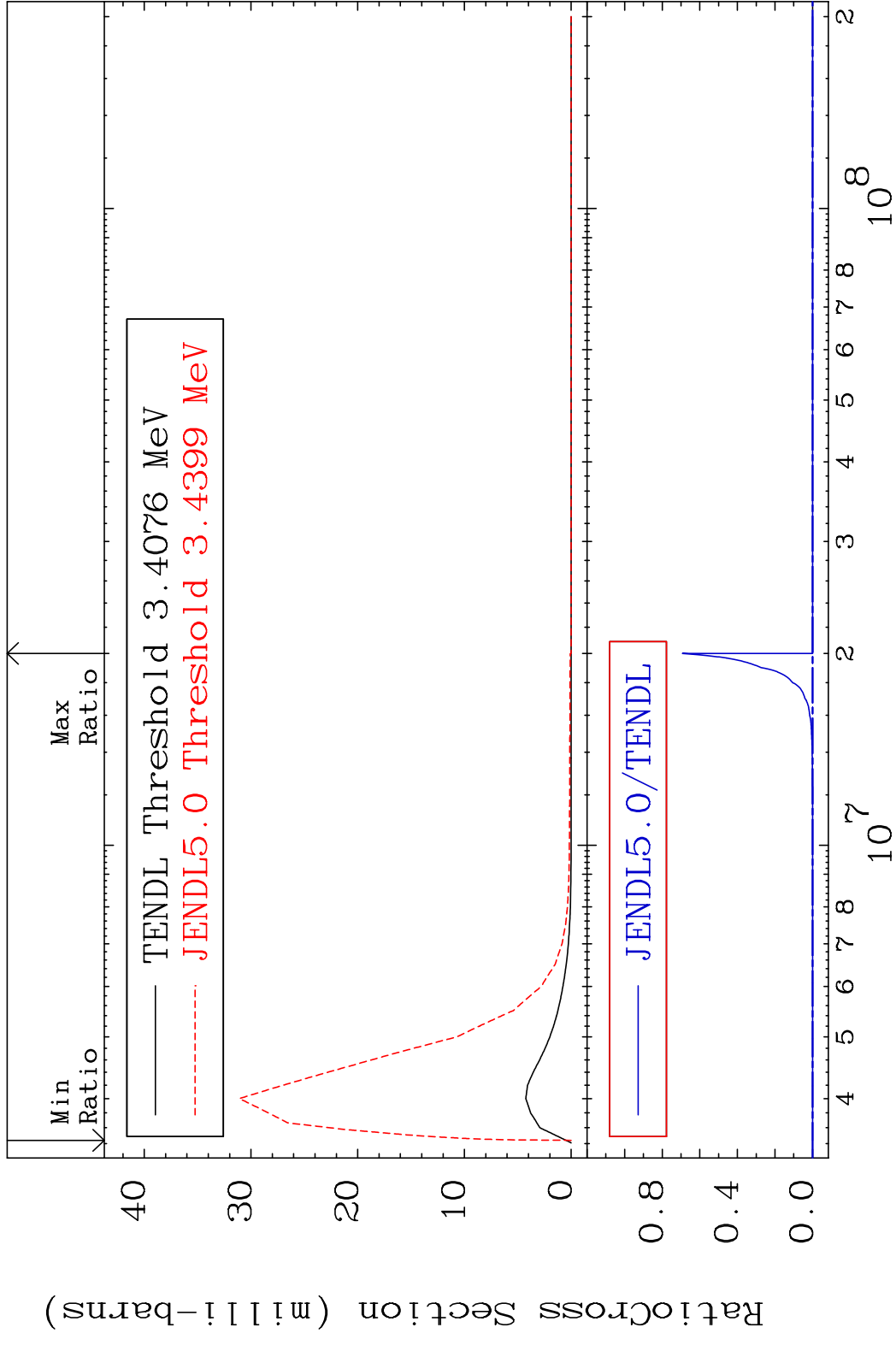
MAT 6407 MT= 73 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 200.5 %



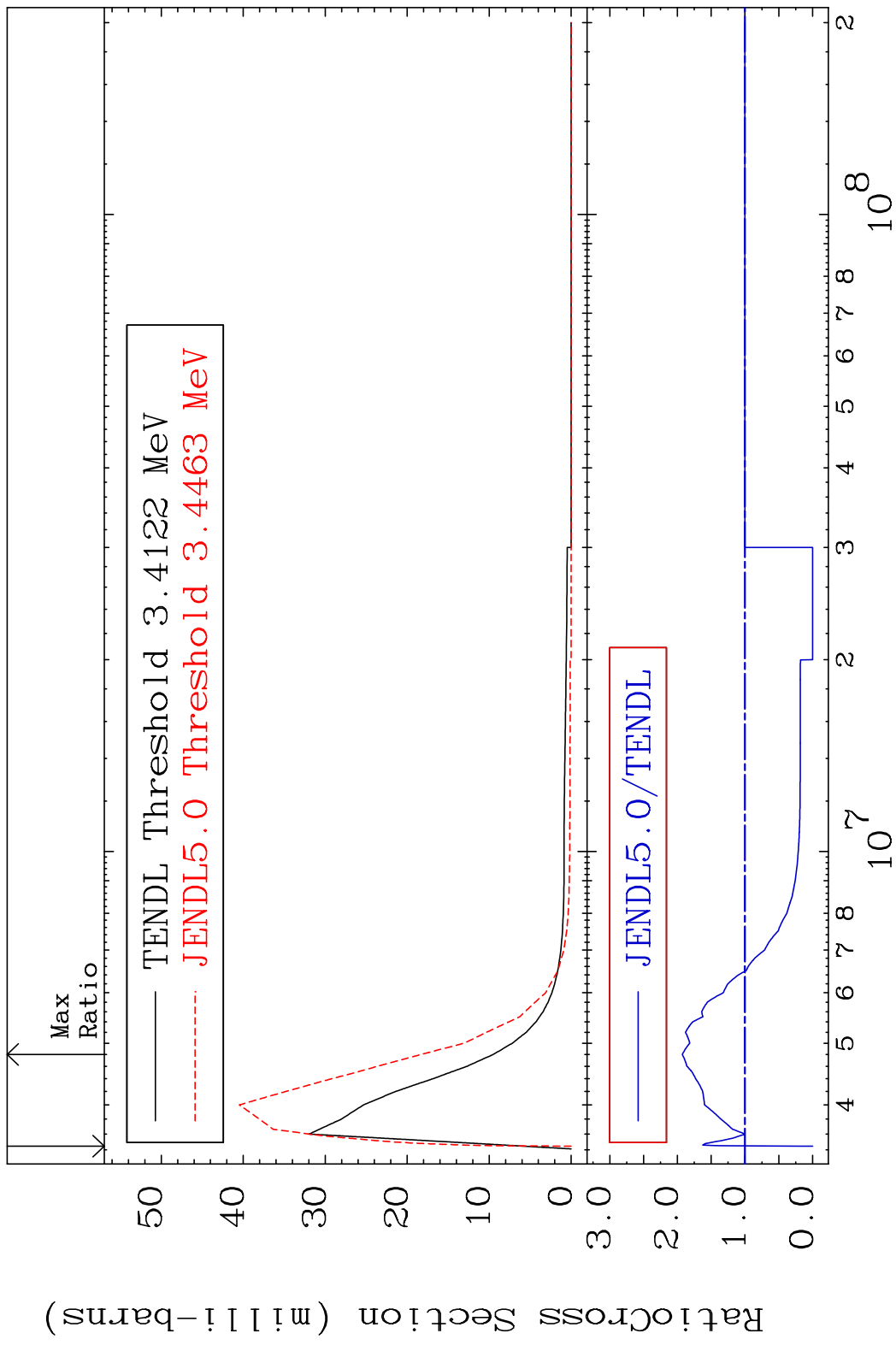
MAT 6407 MT= 74 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 396.0 %



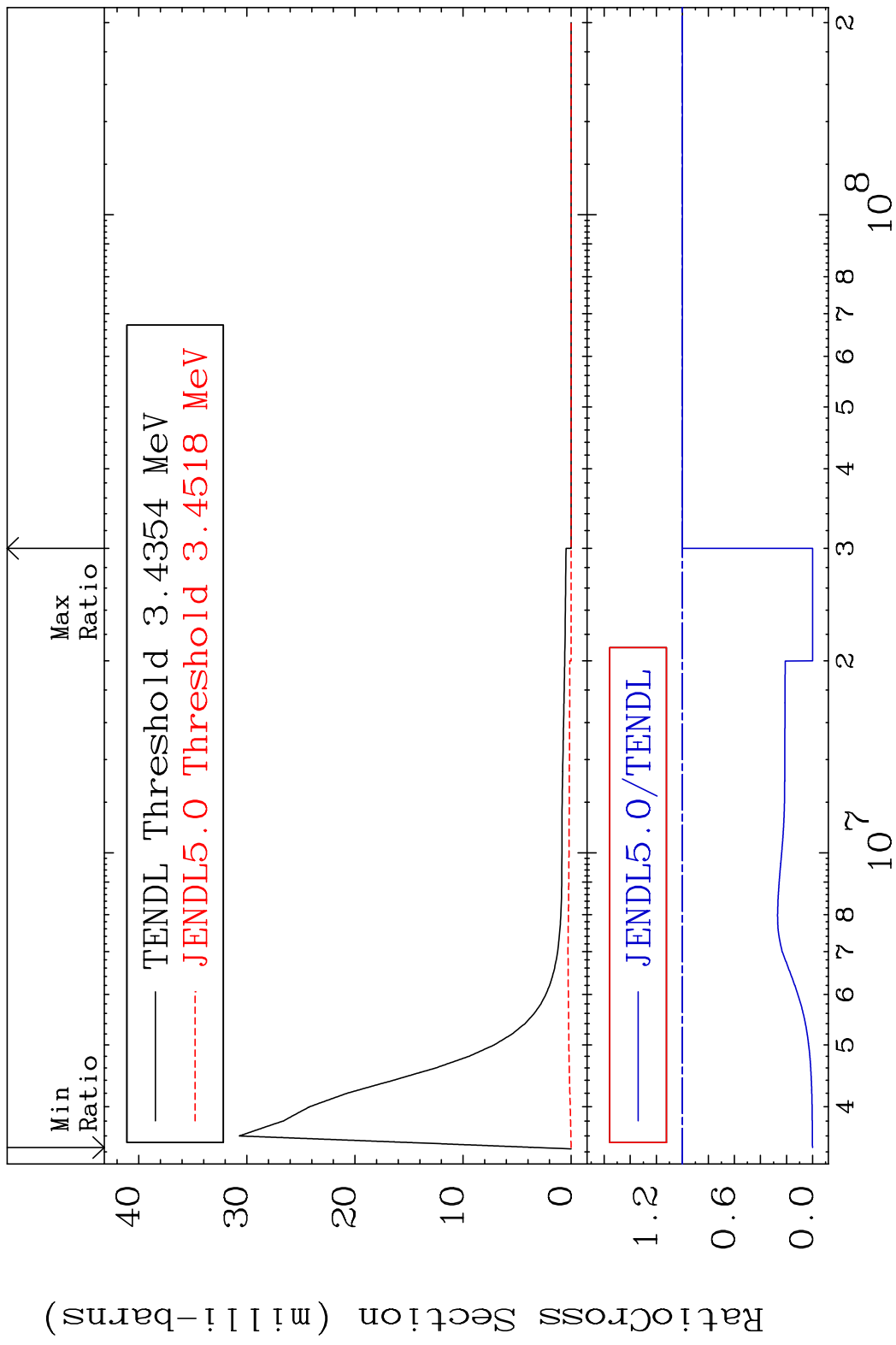
MAT 6407 MT= 75 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 9999. %



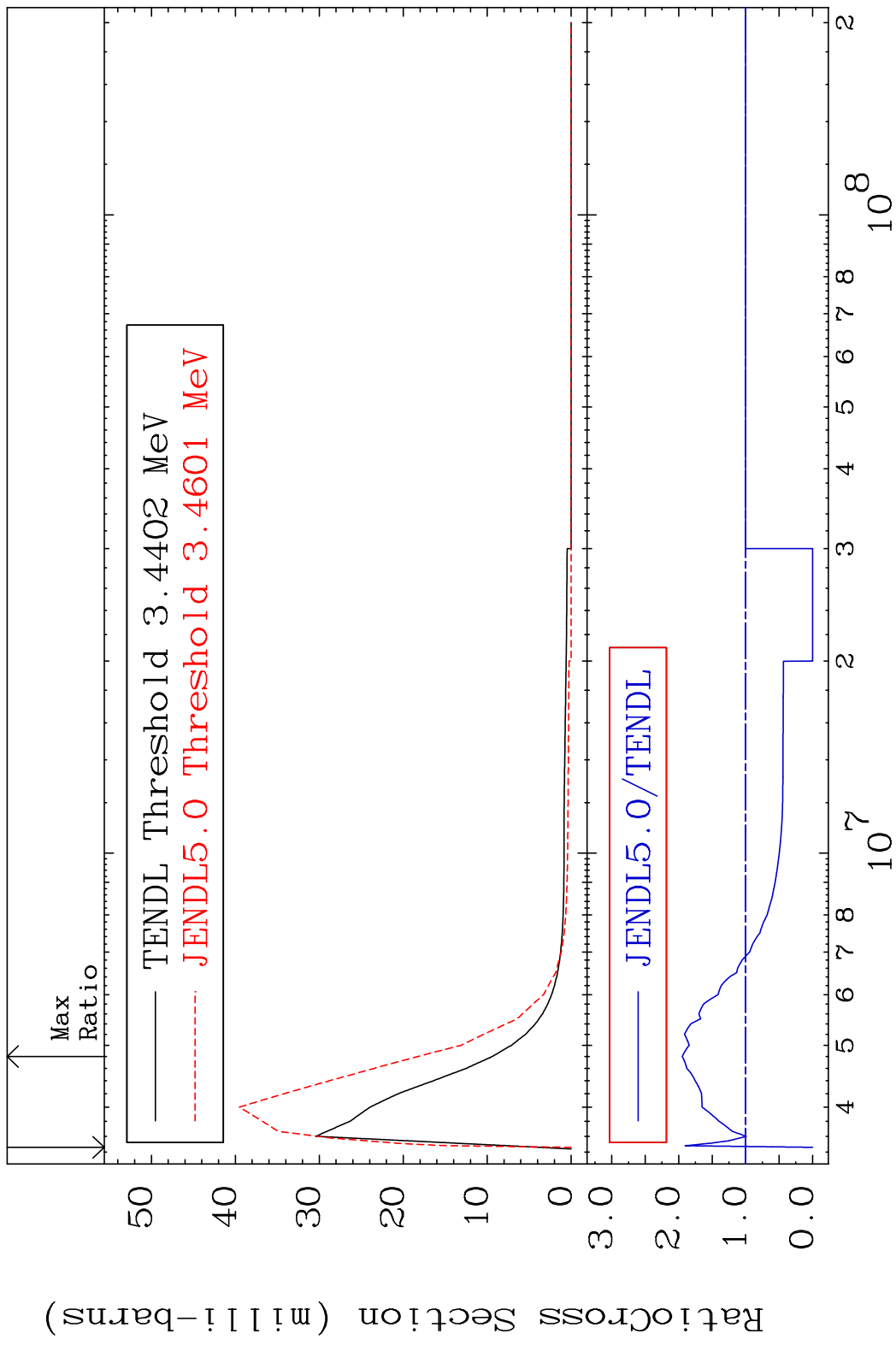
MAT 6407 MT= 76 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 92.69 %



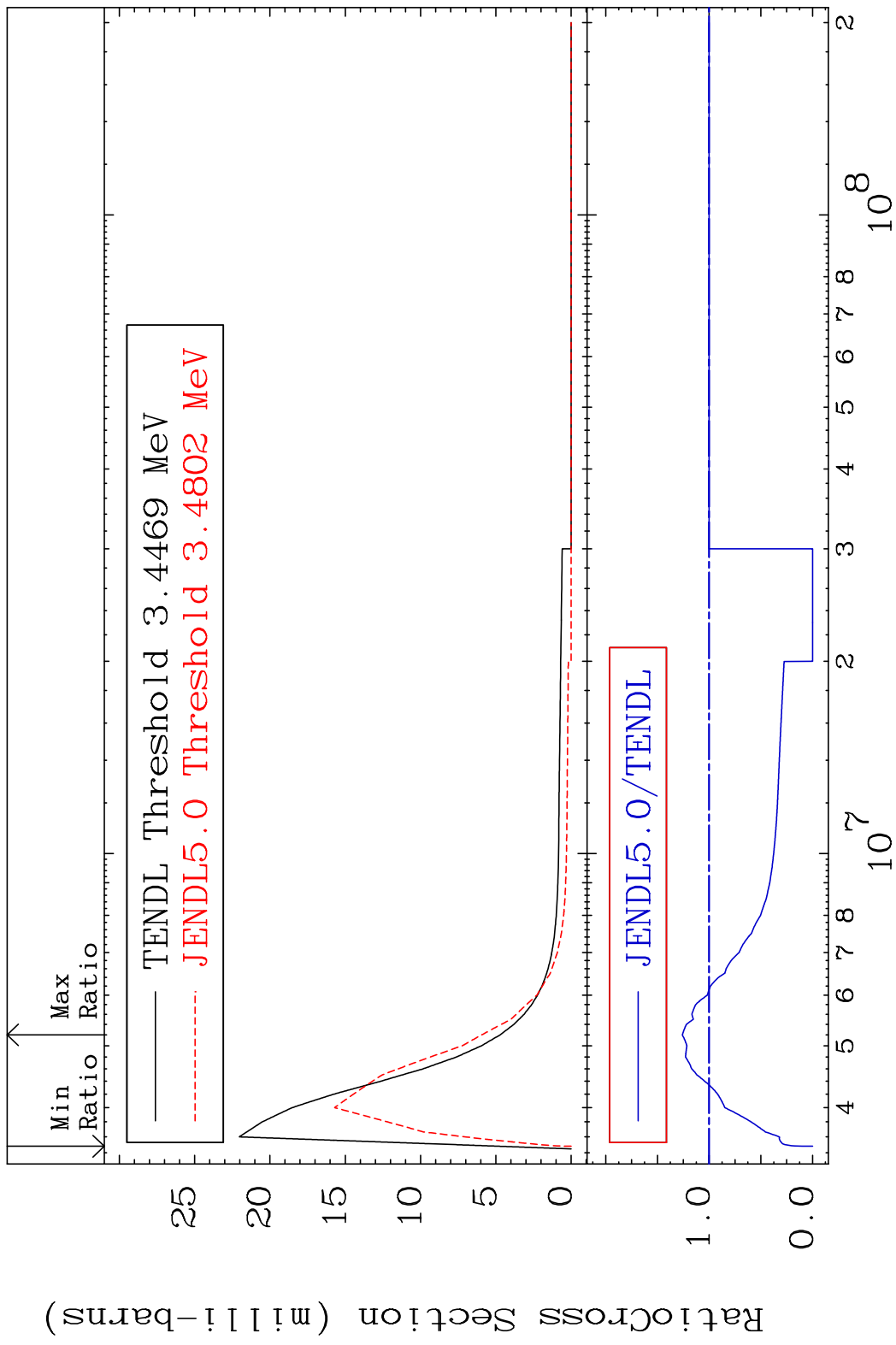
MAT 6407 MT= 77 (n, n') Level 64-Gd-146
 Cross Section -100.0 To 0.000 %



MAT 6407 MT= 78 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 94.53 %



MAT 6407 MT= 79 (n,n') Level 64-Gd-146
 Cross Section -100.0 To 25.92 %

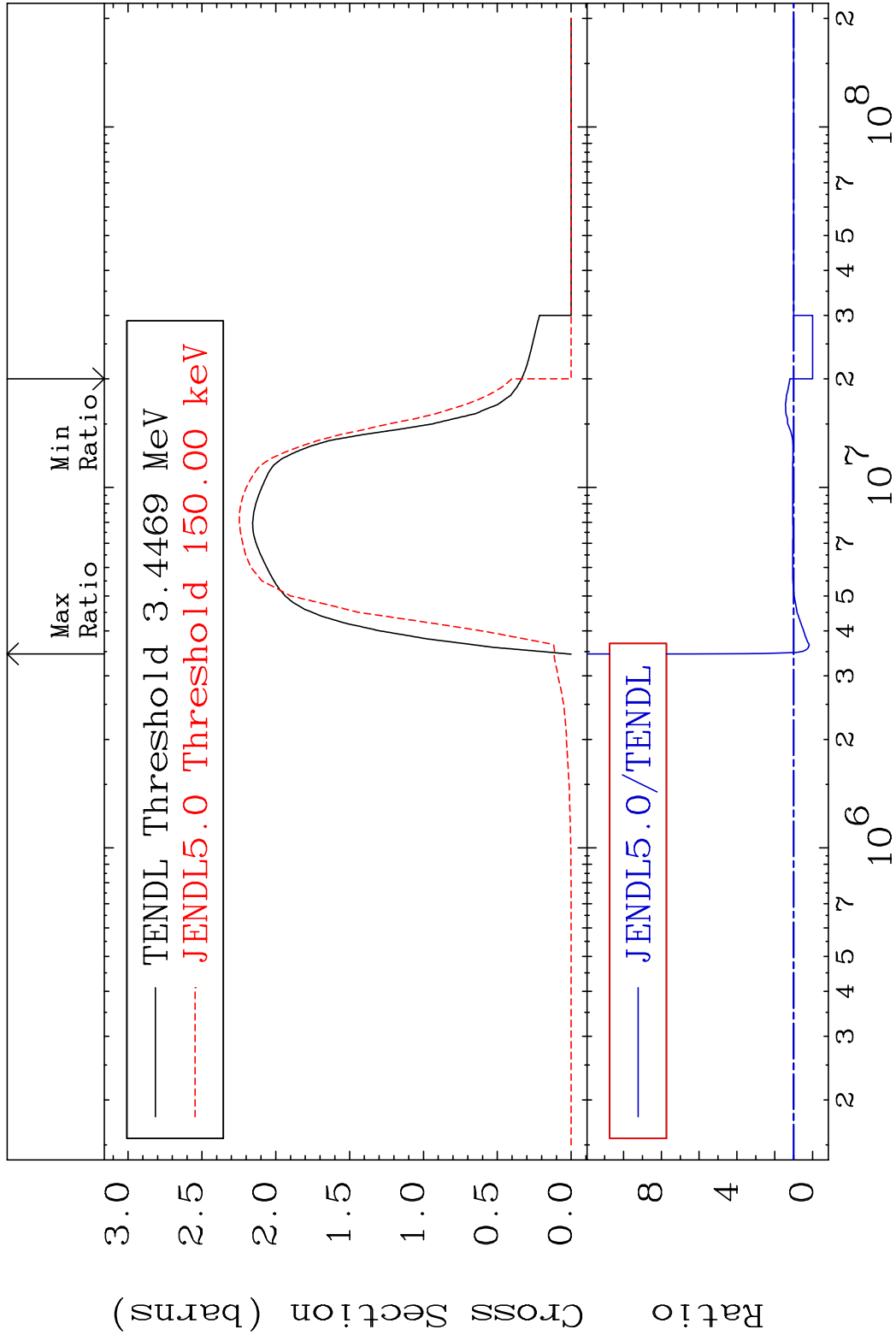


MAT 6407

(n, n') Continuum

64-Gd-146

Cross Section -100.0 To 588.9 %



40

Incident Energy (eV)

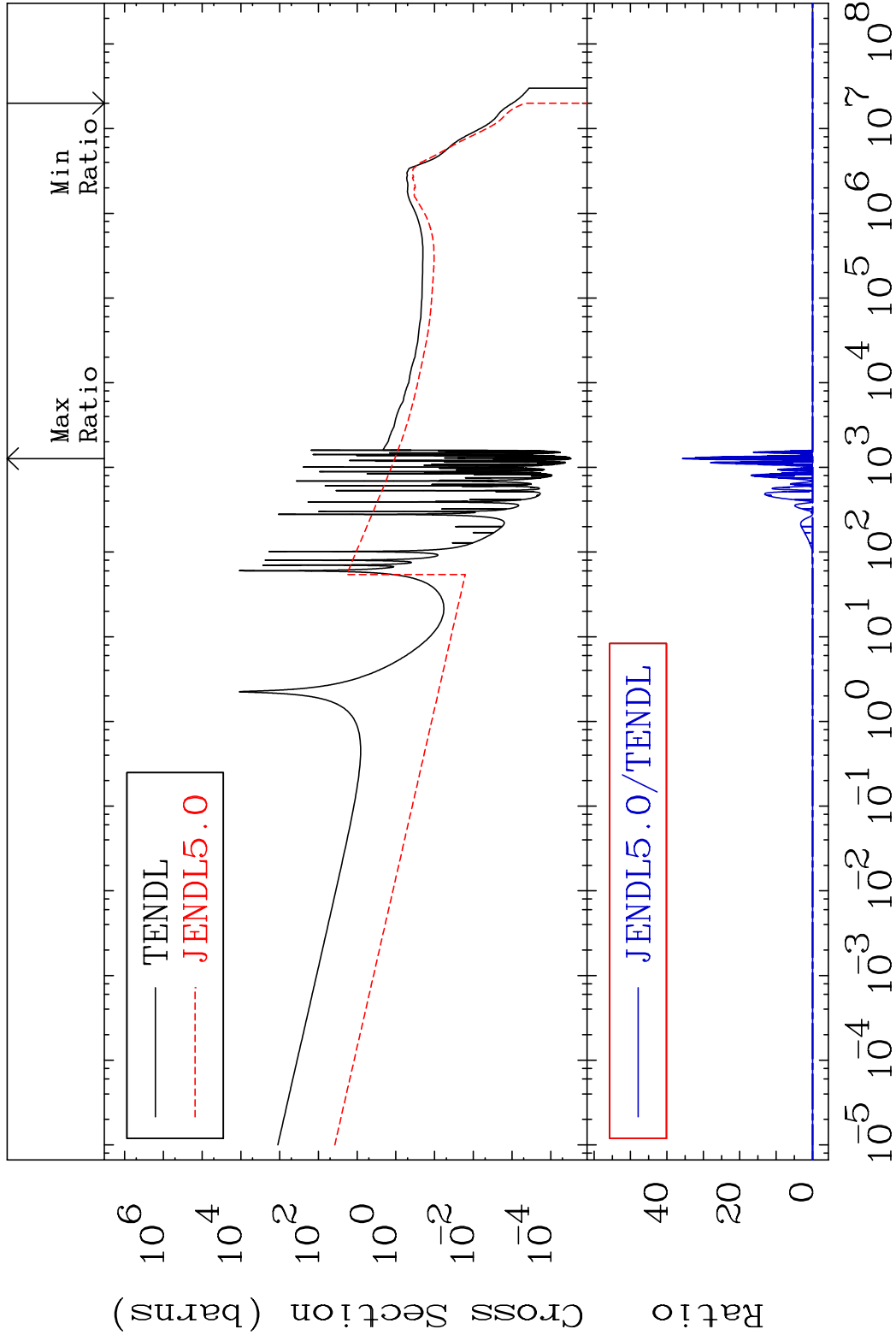
64-Gd-146

MAT 6407

(n, γ)

64-Gd-146

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

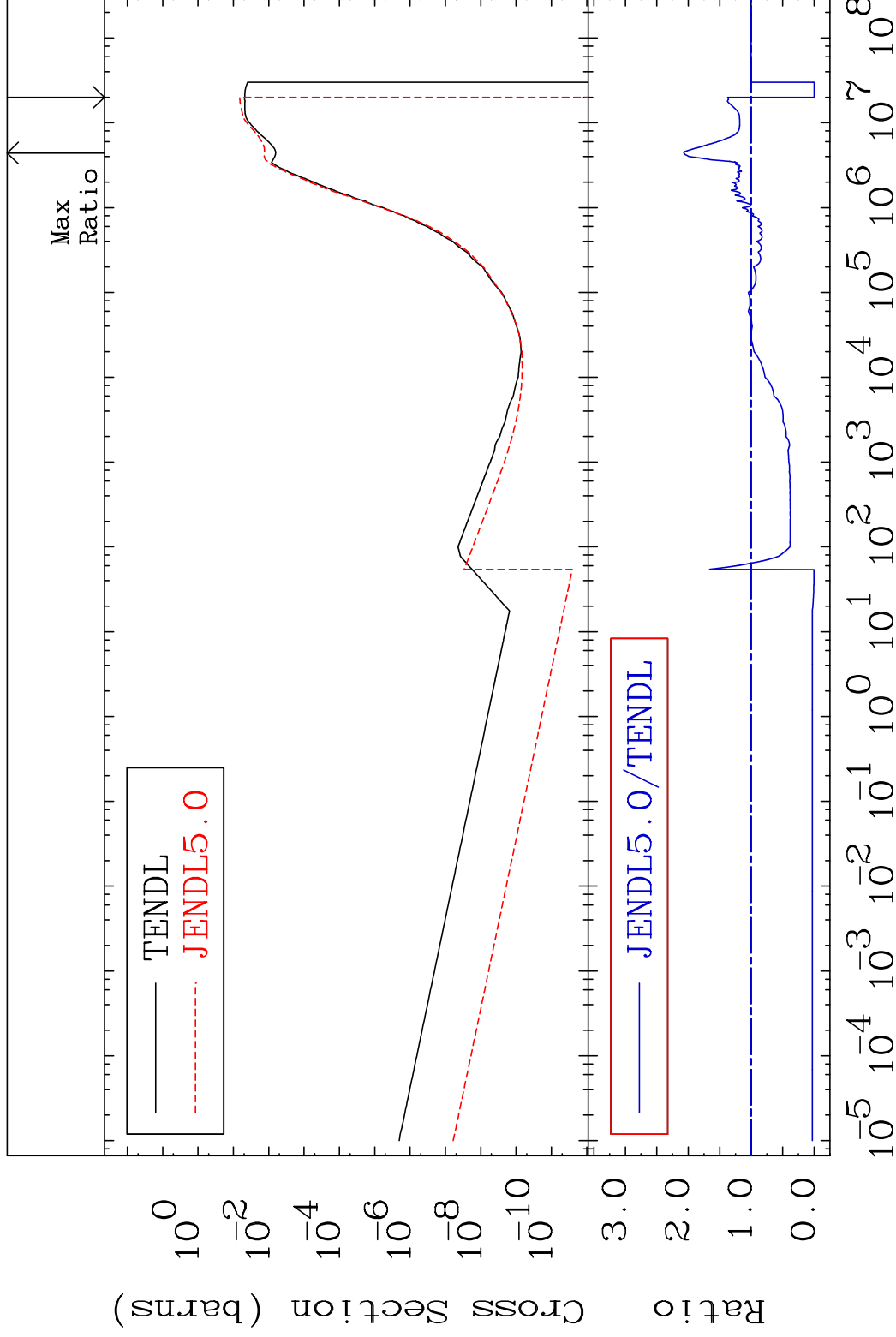
64-Gd-146

MAT 6407

(n, p)

64-Gd-146

Cross Section -100.0 To 107.3 %

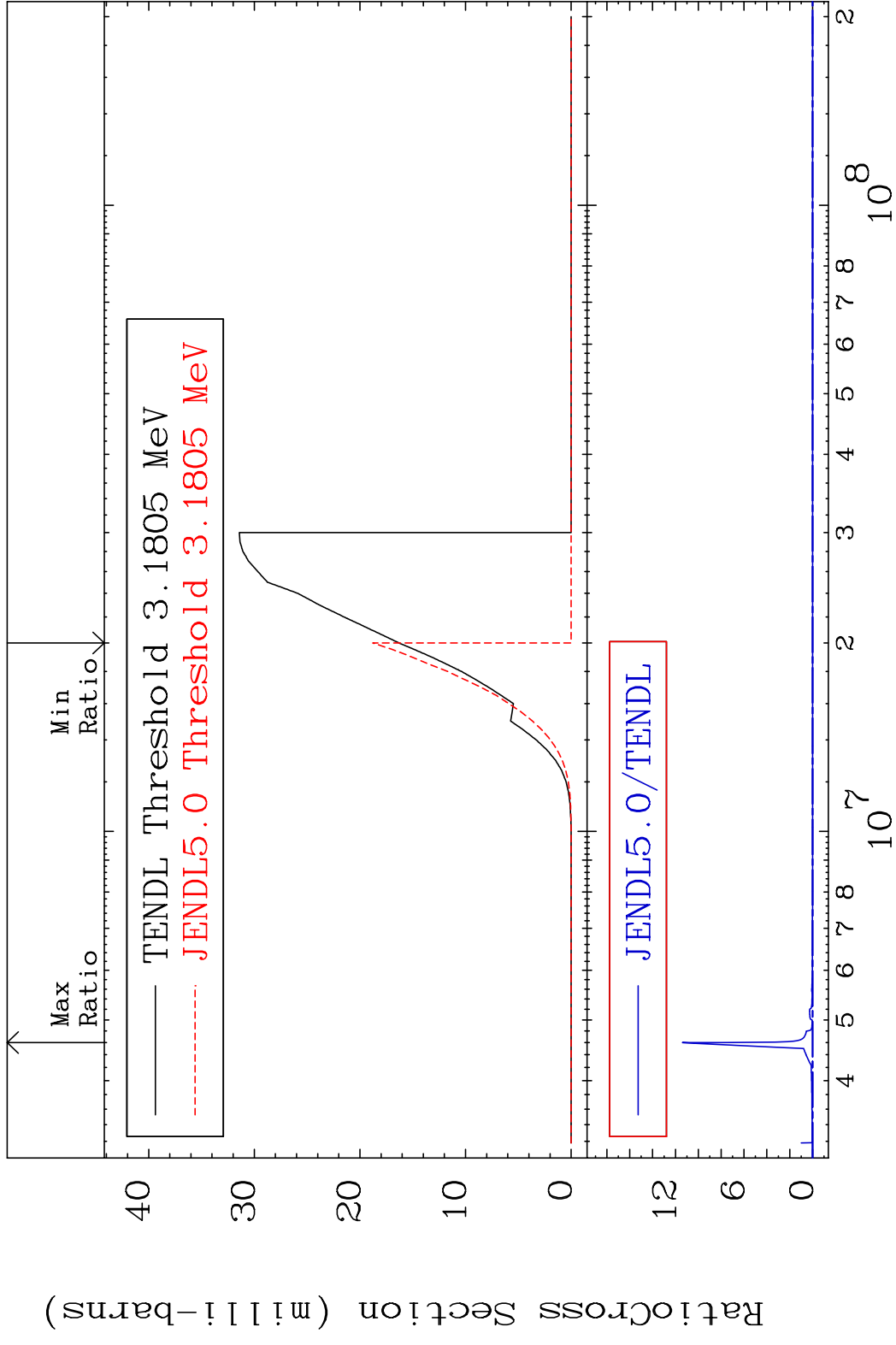


42

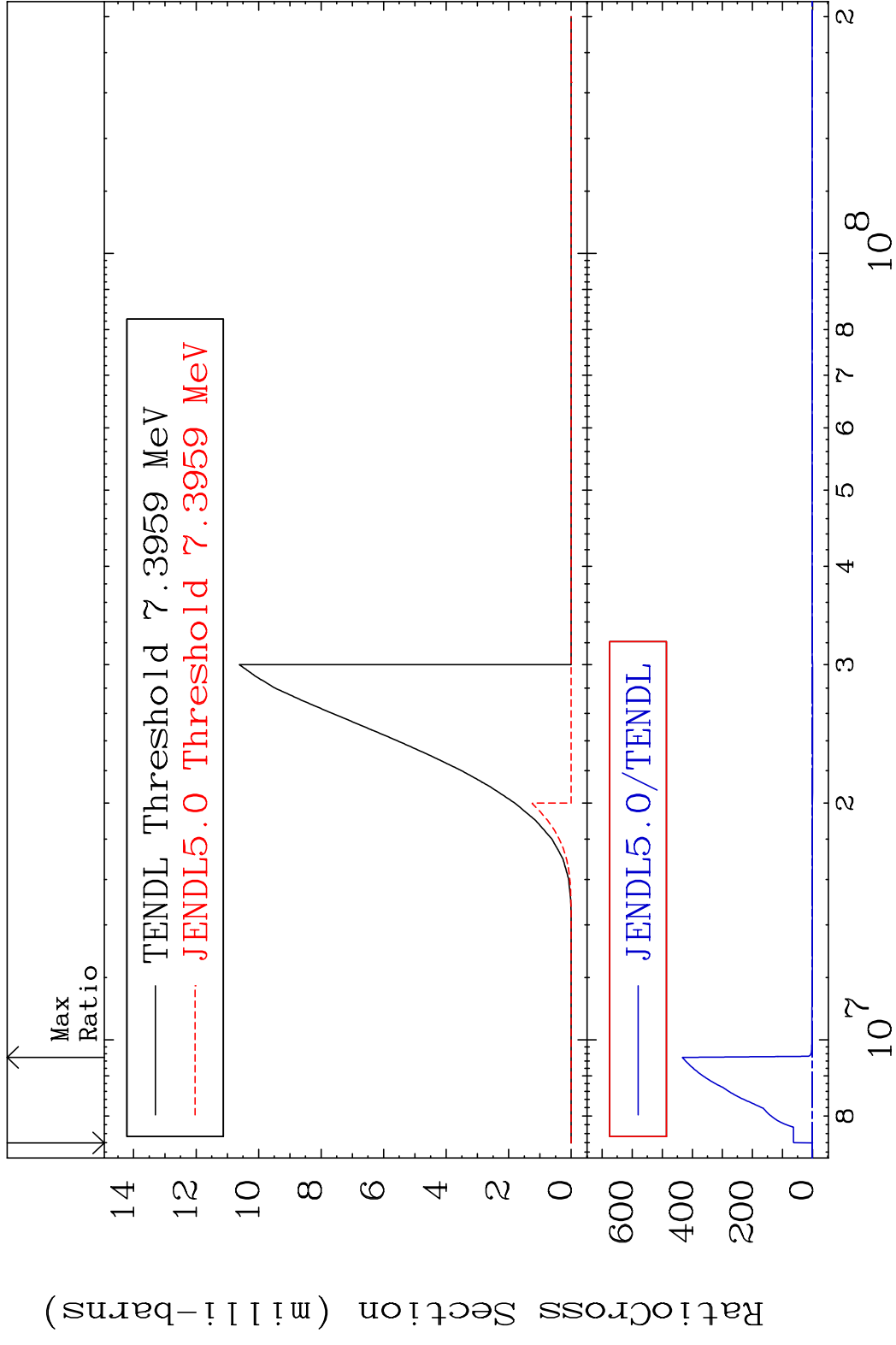
Incident Energy (eV)

64-Gd-146

MAT 6407 (n,d) 64-Gd-146
 Cross Section -100.0 To 9999. %



MAT 6407 (n, t) 64-Gd-146
 Cross Section -100.0 To 9999. %

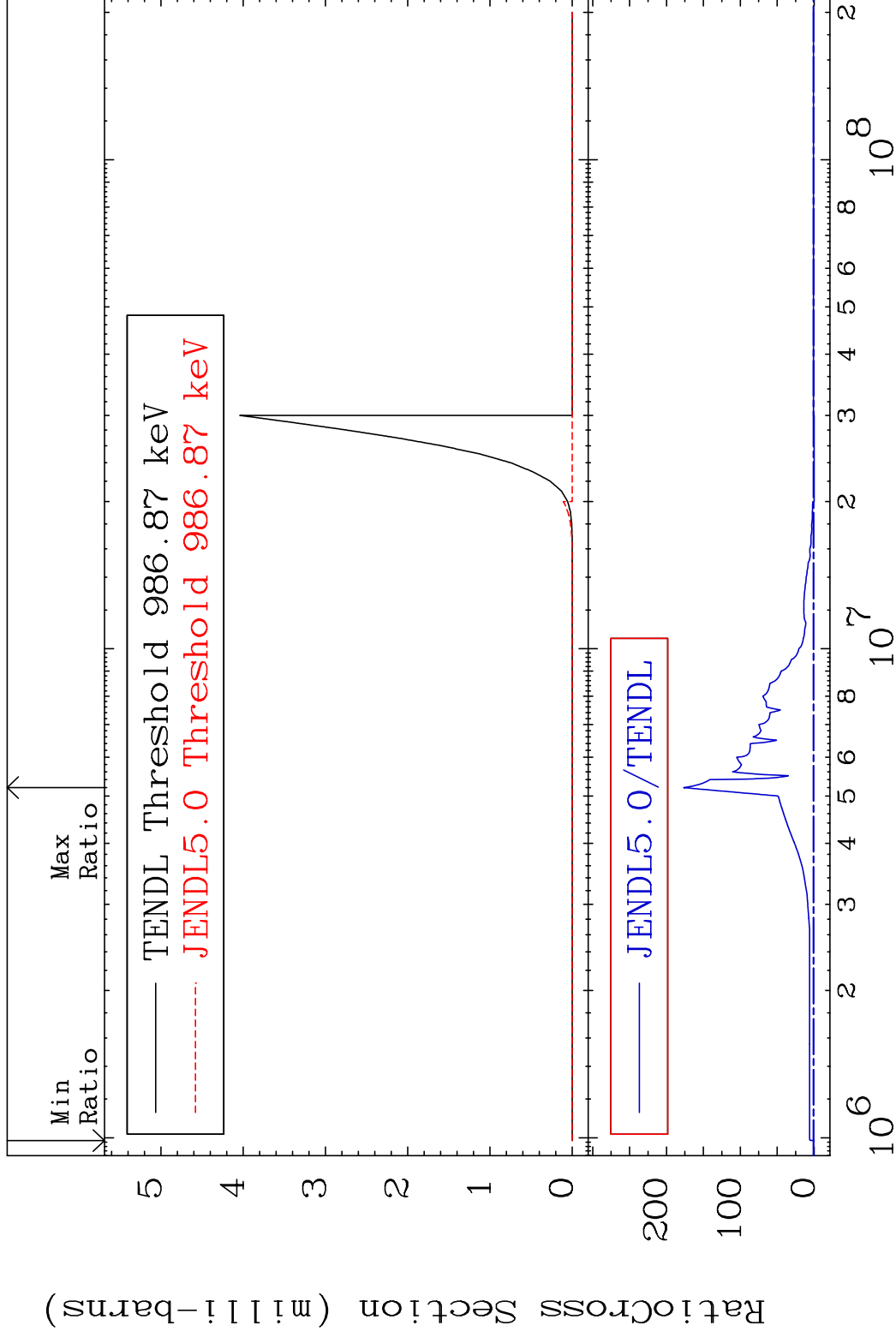


MAT 6407

(n, He-3)

64-Gd-146

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

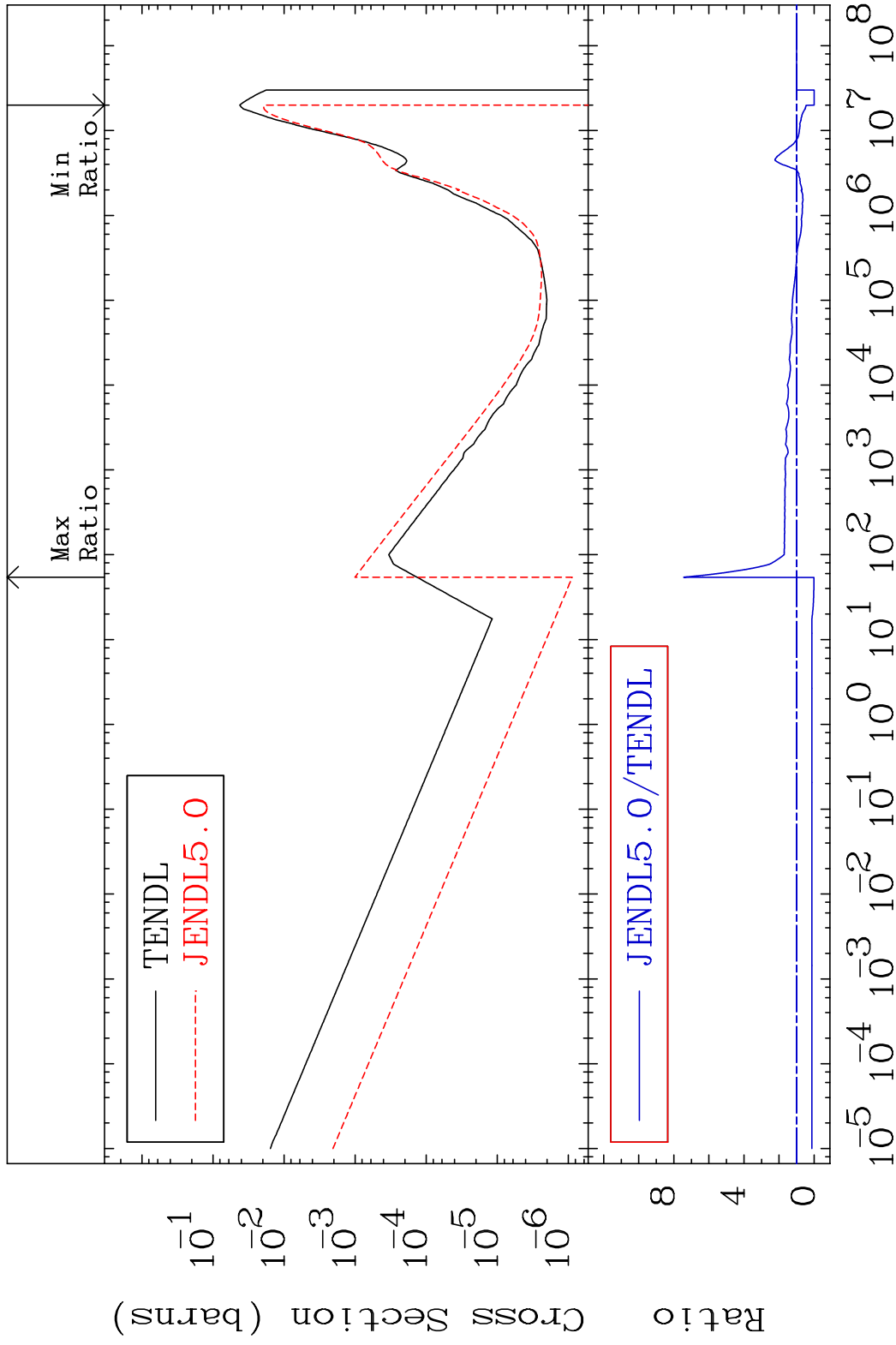
64-Gd-146

MAT 6407

64-Gd-146

(n, α)

Cross Section -100.0 To 644.0 %



46

Incident Energy (eV)

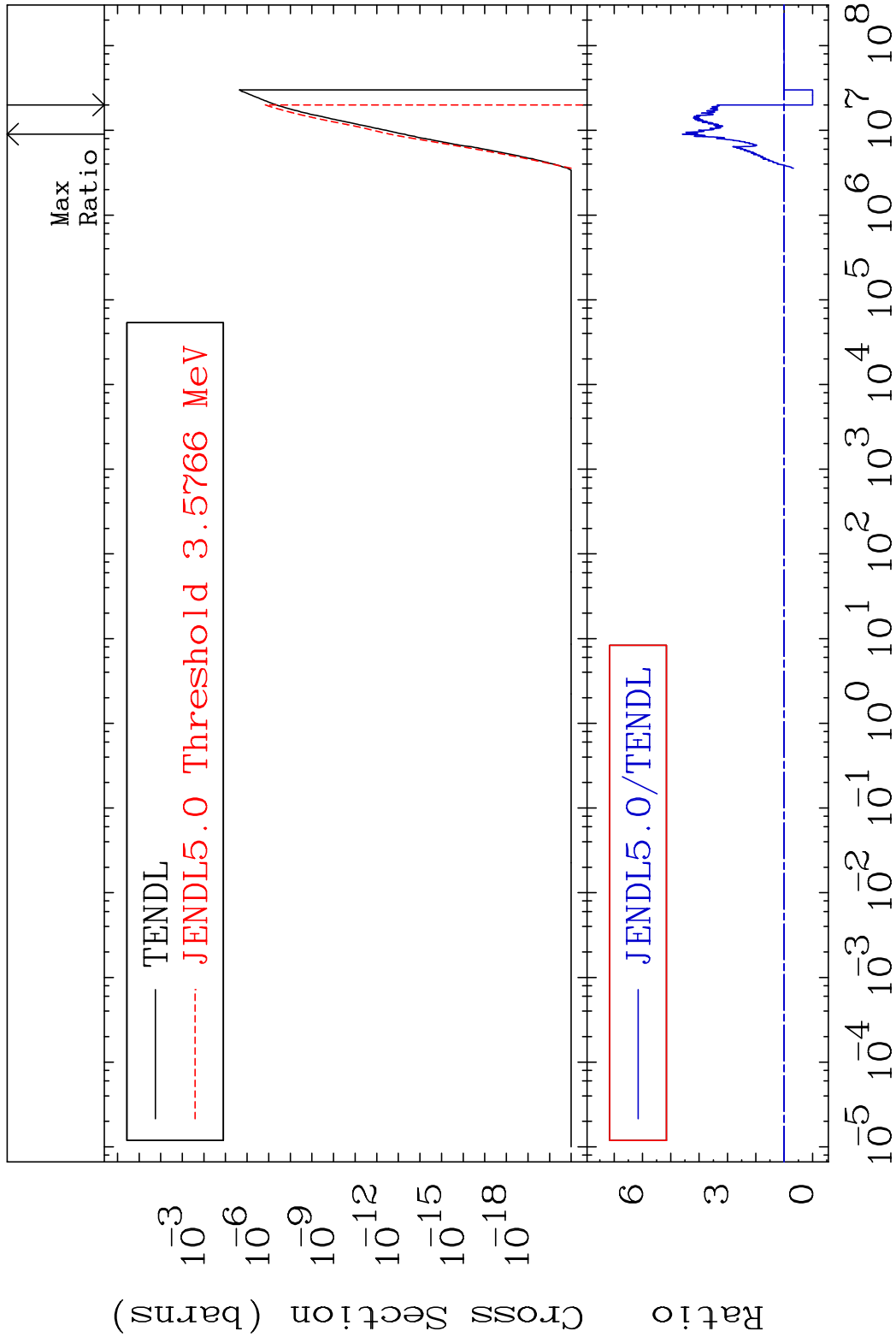
64-Gd-146

MAT 6407

(n, 2α)

64-Gd-146

Cross Section -100.0 To 359.2 %



47

Incident Energy (eV)

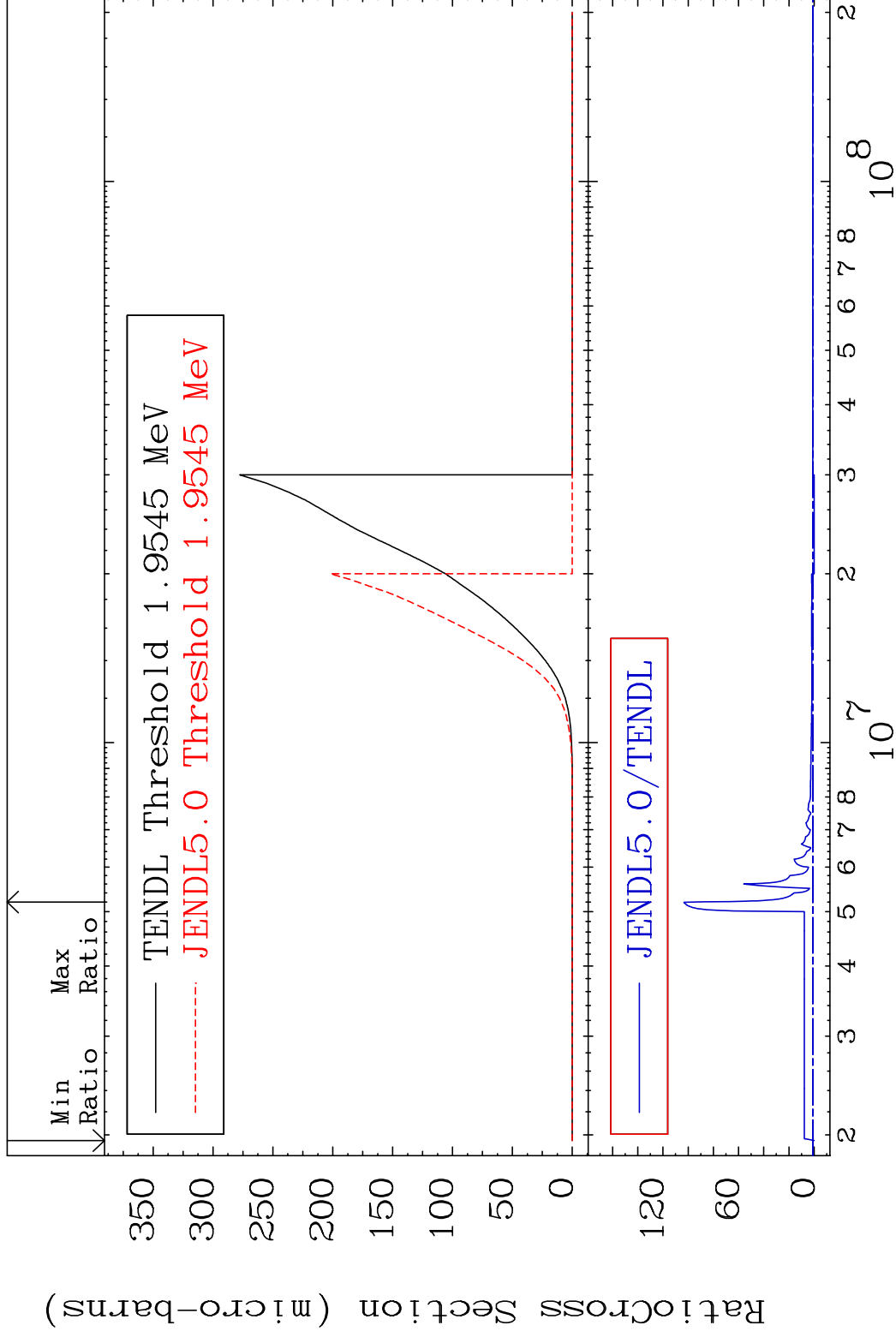
64-Gd-146

MAT 6407

(n,2p)

64-Gd-146

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

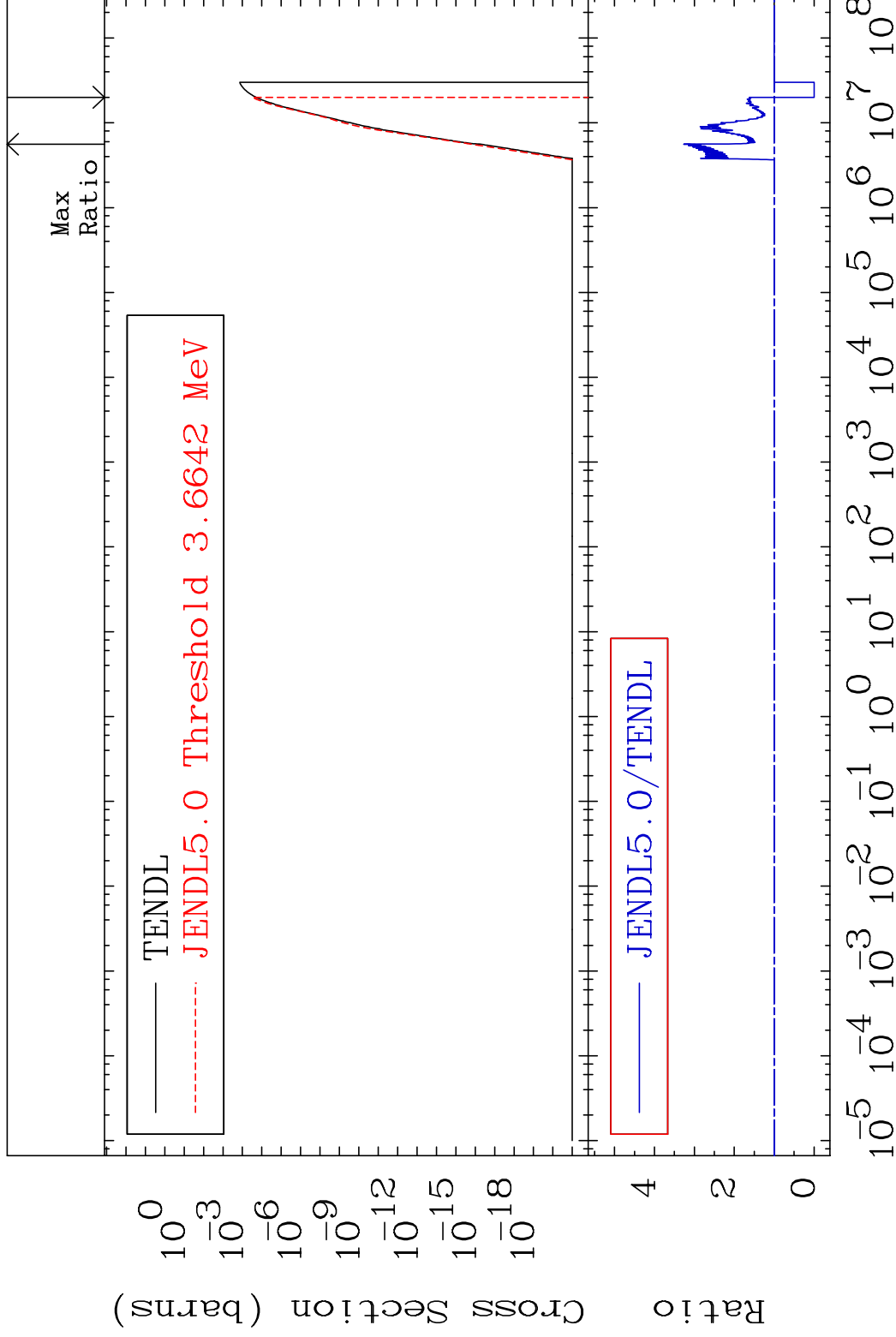
64-Gd-146

MAT 6407

(n,p) α

64-Gd-146

Cross Section -100.0 To 226.8 %

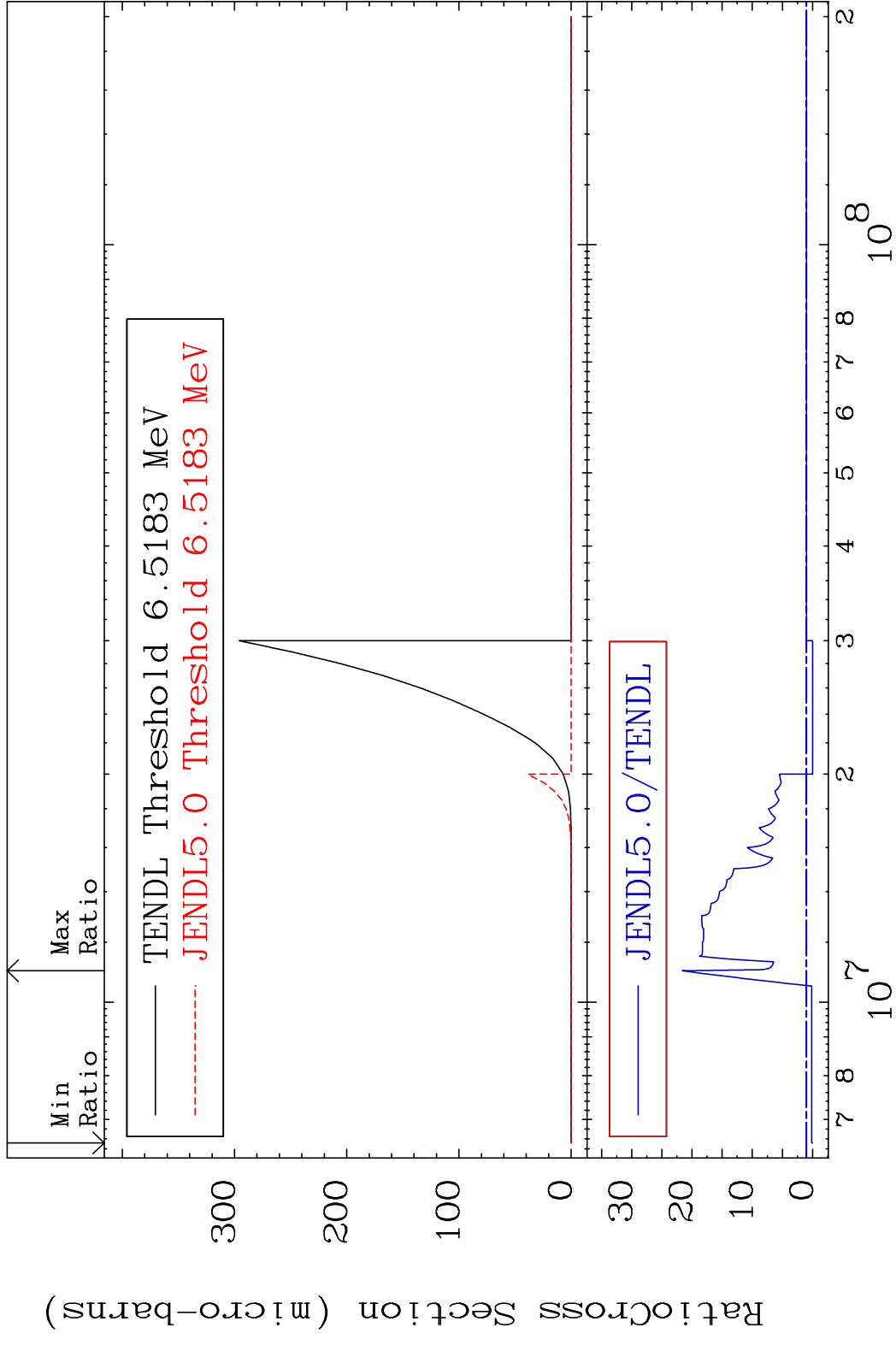


49

Incident Energy (eV)

64-Gd-146

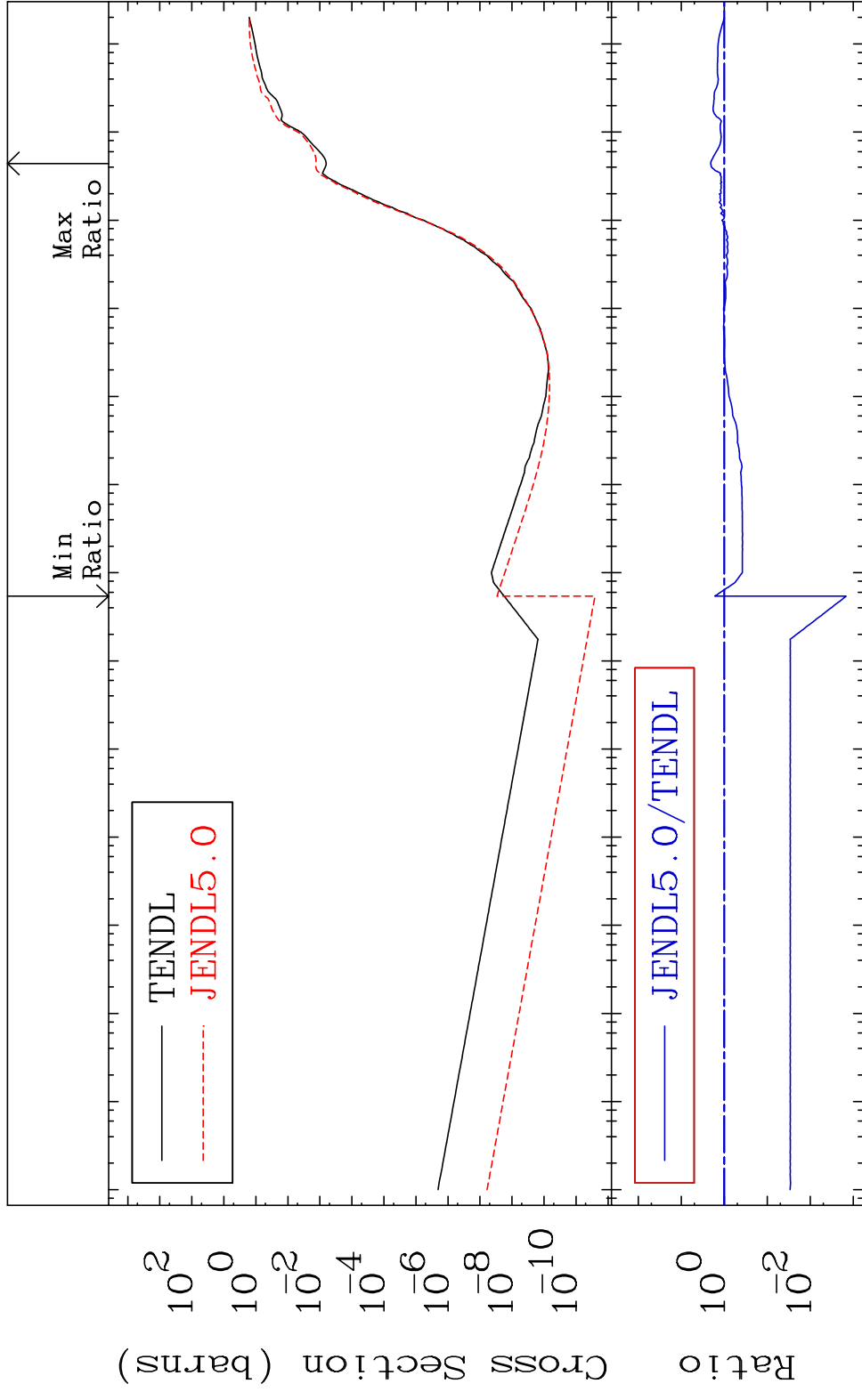
MAT 6407 (n,p) d 64-Gd-146
 Cross Section -100.0 To 2060. %



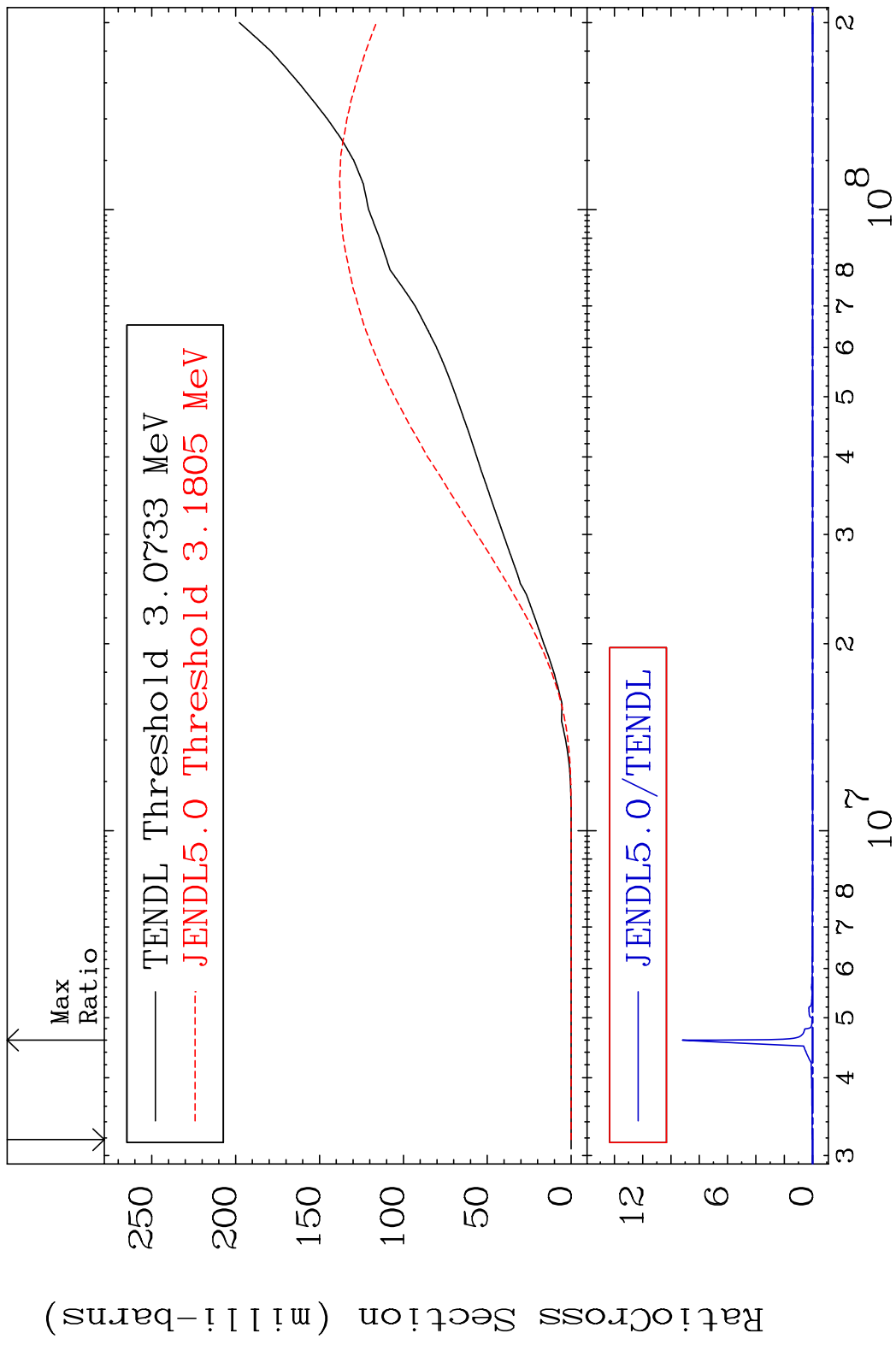
MAT 6407

Hydrogen Production
Cross Section -99.85 To 107.3 %

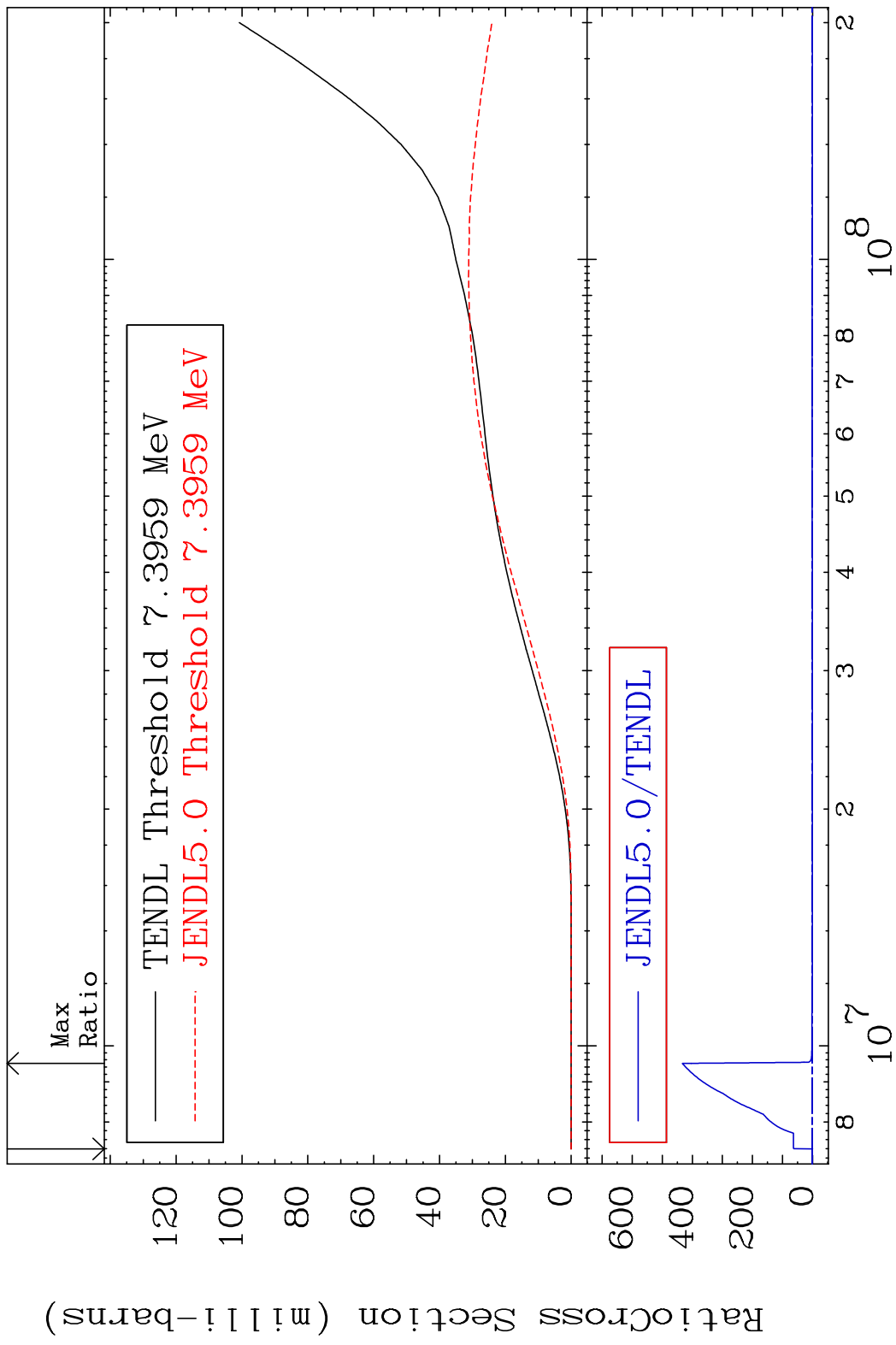
64-Gd-146



MAT 6407 Deuterium Production 64-Gd-146
 Cross Section -100.0 To 9999. %



MAT 6407 Tritium Production 64-Gd-146
 Cross Section -100.0 To 9999. %

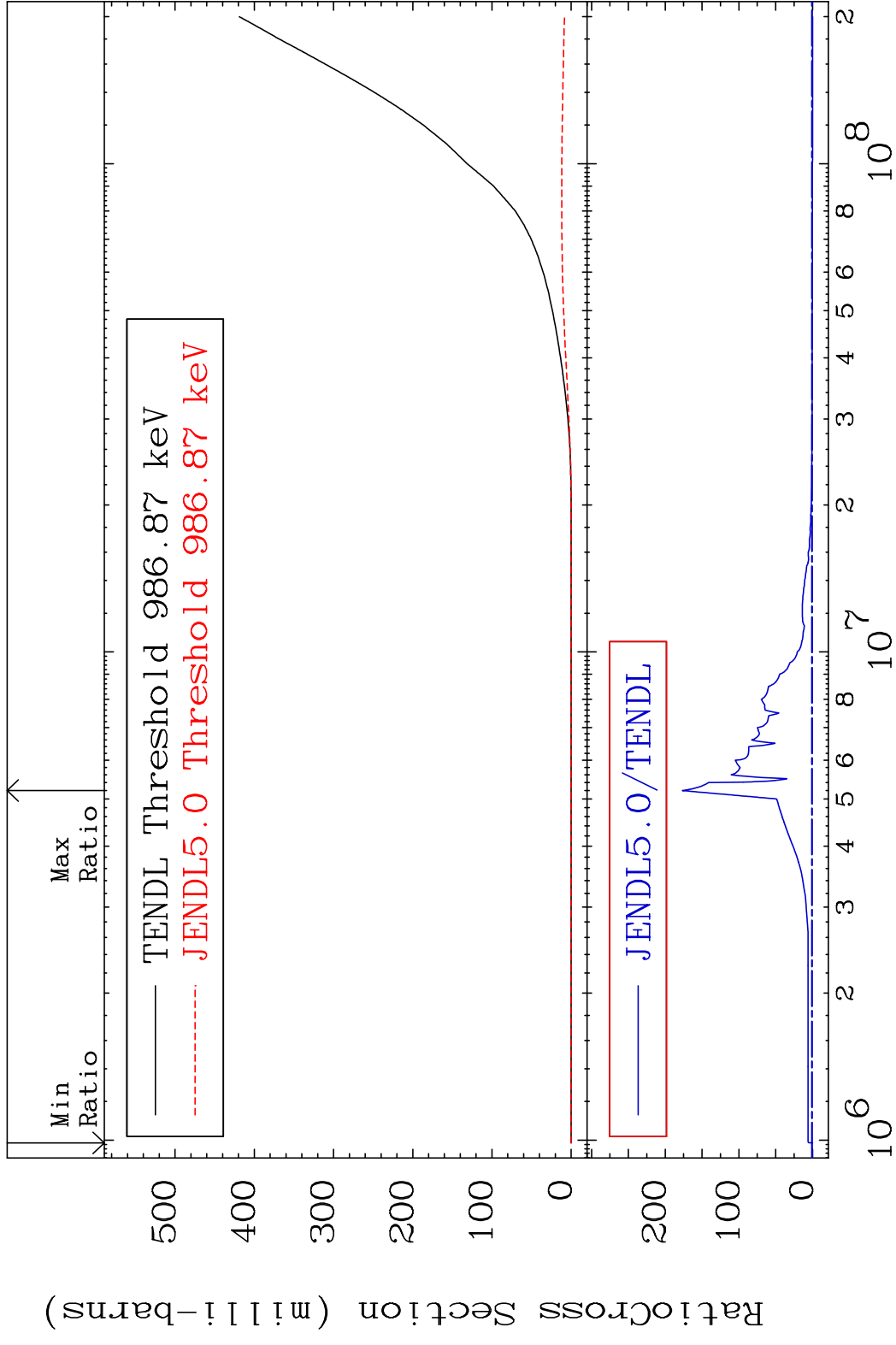


MAT 6407

He-3 Production

64-Gd-146

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

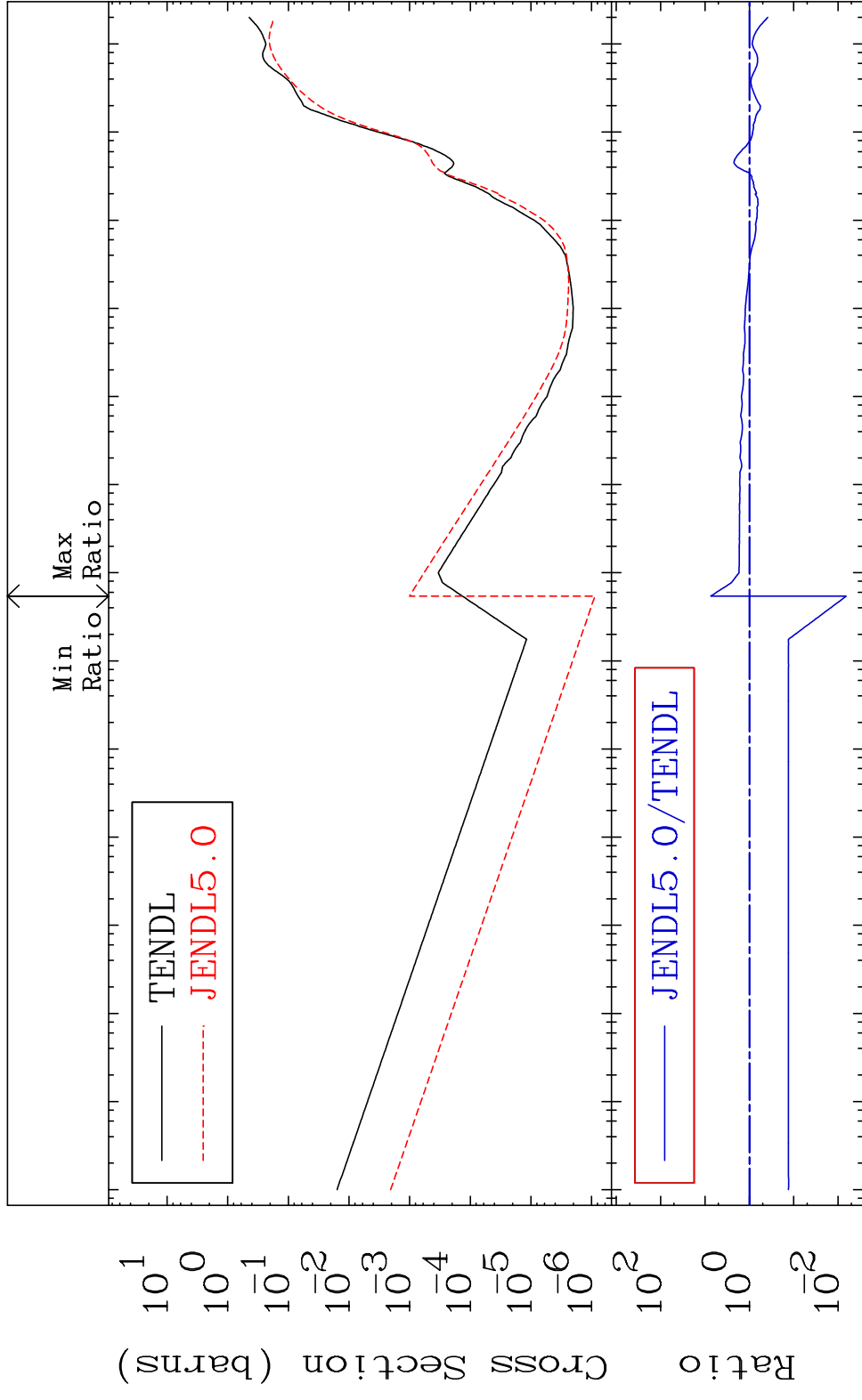
64-Gd-146

MAT 6407

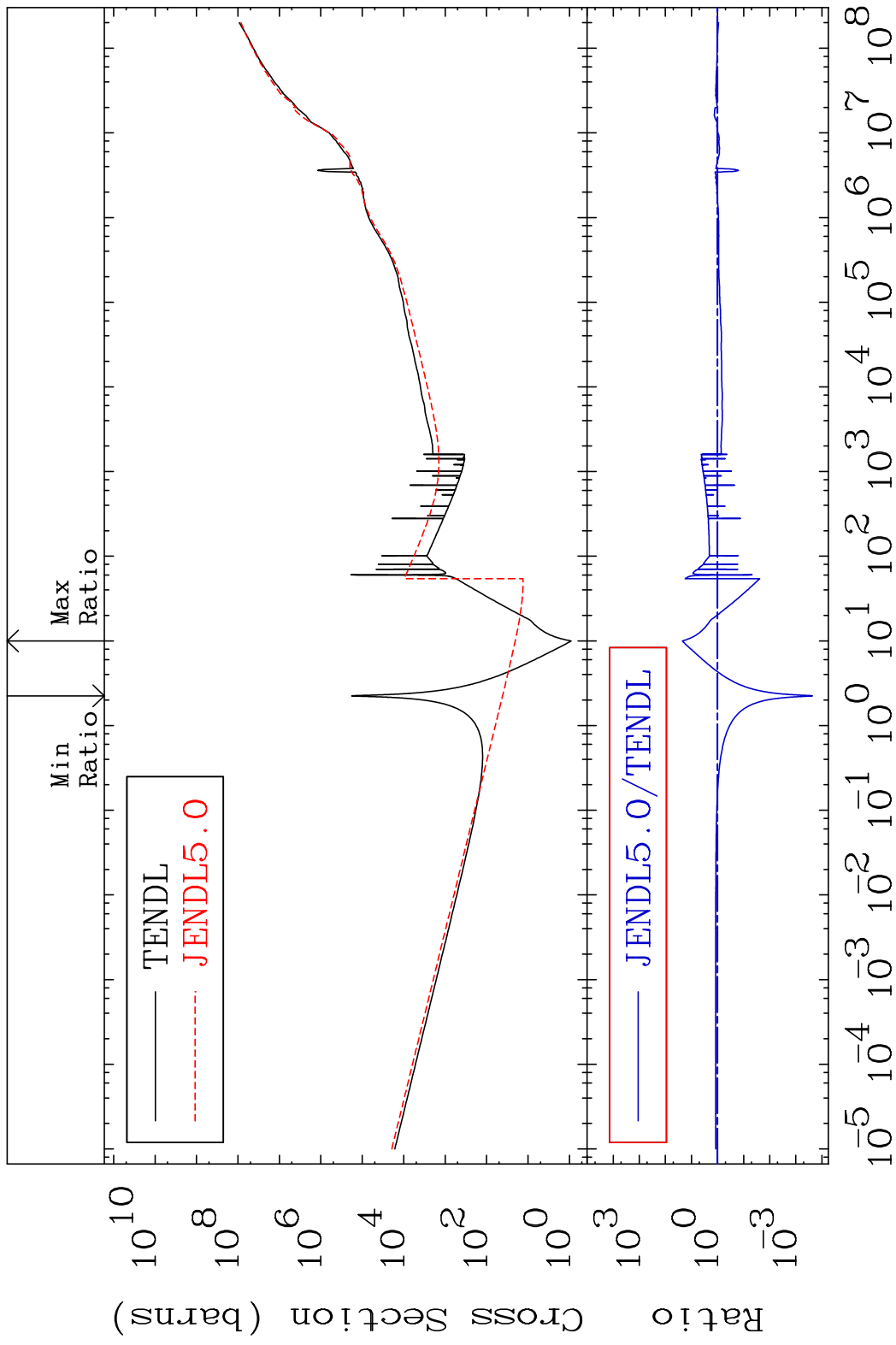
He-4 Production

64-Gd-146

Cross Section -99.35 To 644.0 %



MAT 6407 Kerma total (eV-barns) 64-Gd-146
 Cross Section -99.98 To 2136. %

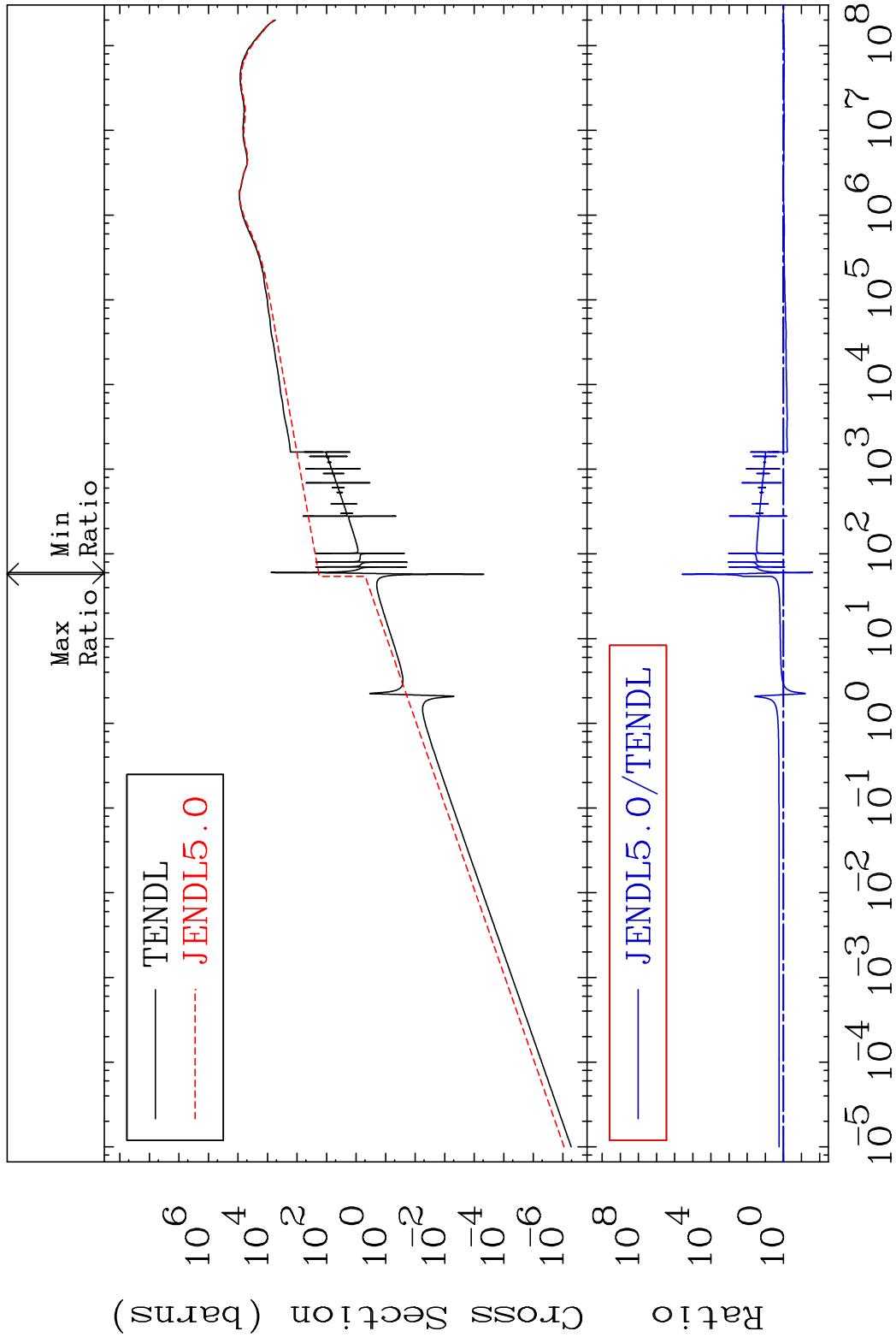


MAT 6407

Kerma elastic

64-Gd-146

Cross Section -97.53 To 9999. %

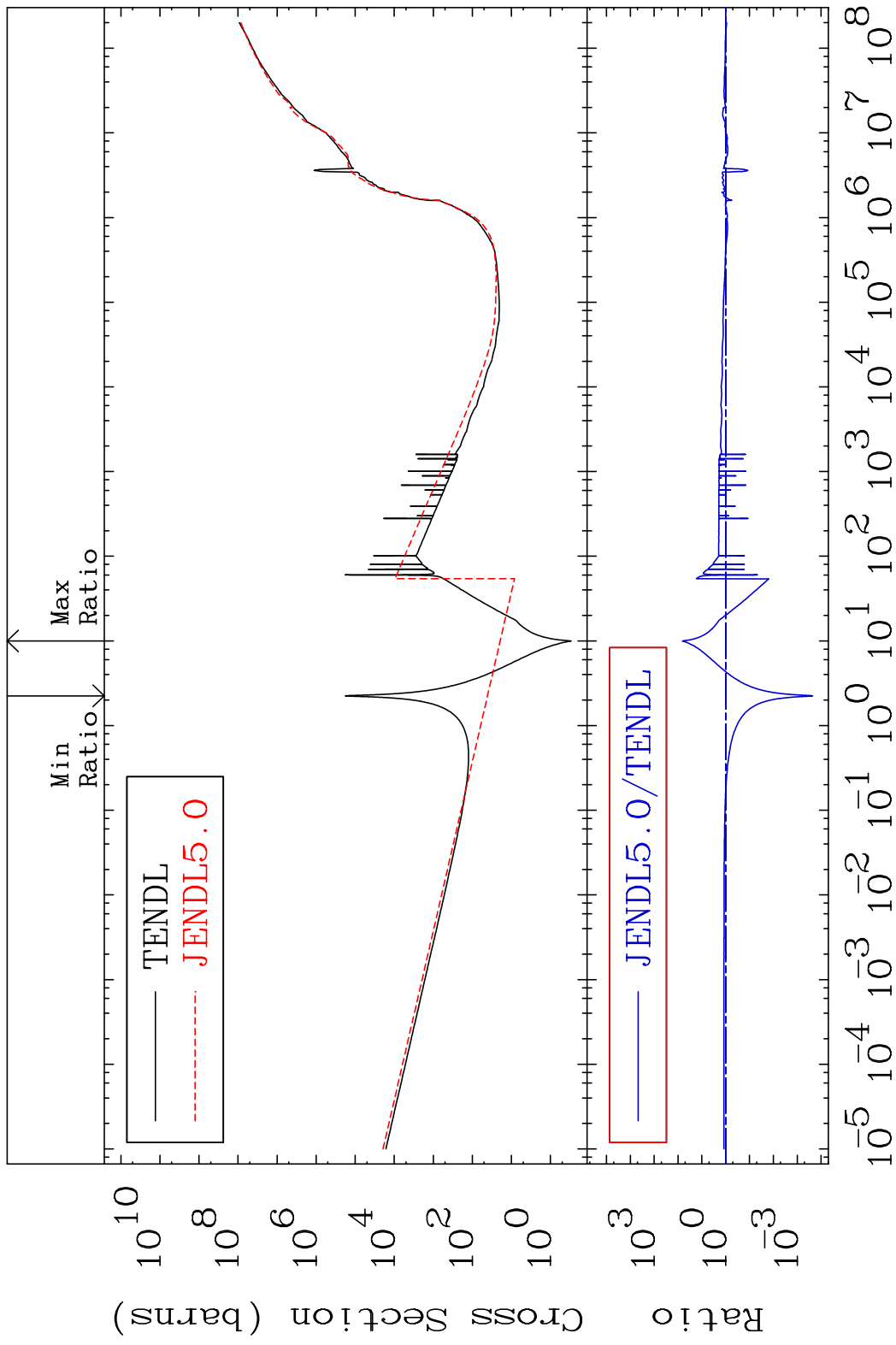


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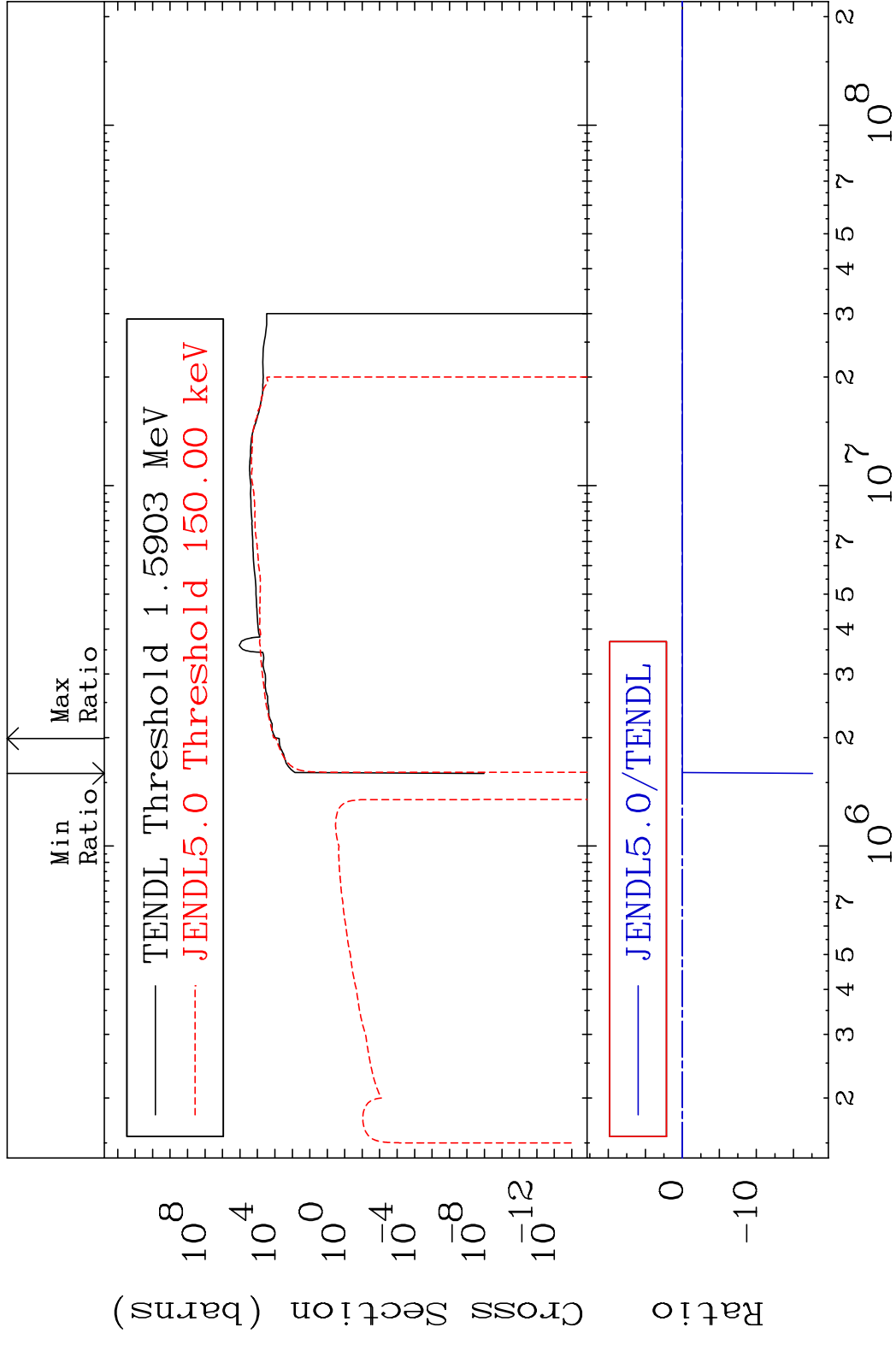
Incident Energy (eV)

64-Gd-146

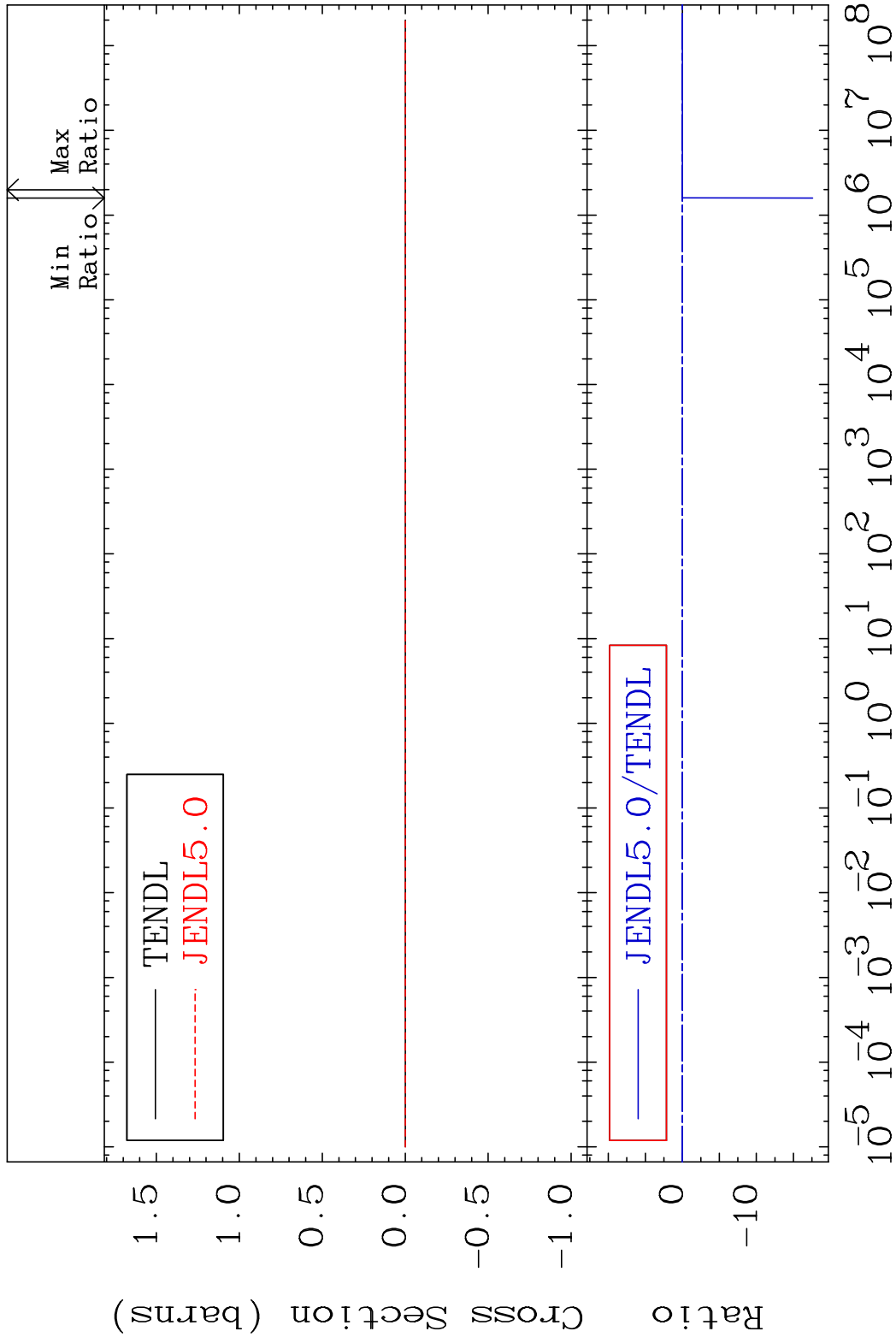
MAT 6407 Kerma non-elastic (all but mt2) 64-Gd-146
 Cross Section -99.98 To 6492. %



MAT 6407 Kerma inelastic (mt51-91) 64-Gd-146
 Cross Section -9999. To 53.95 %

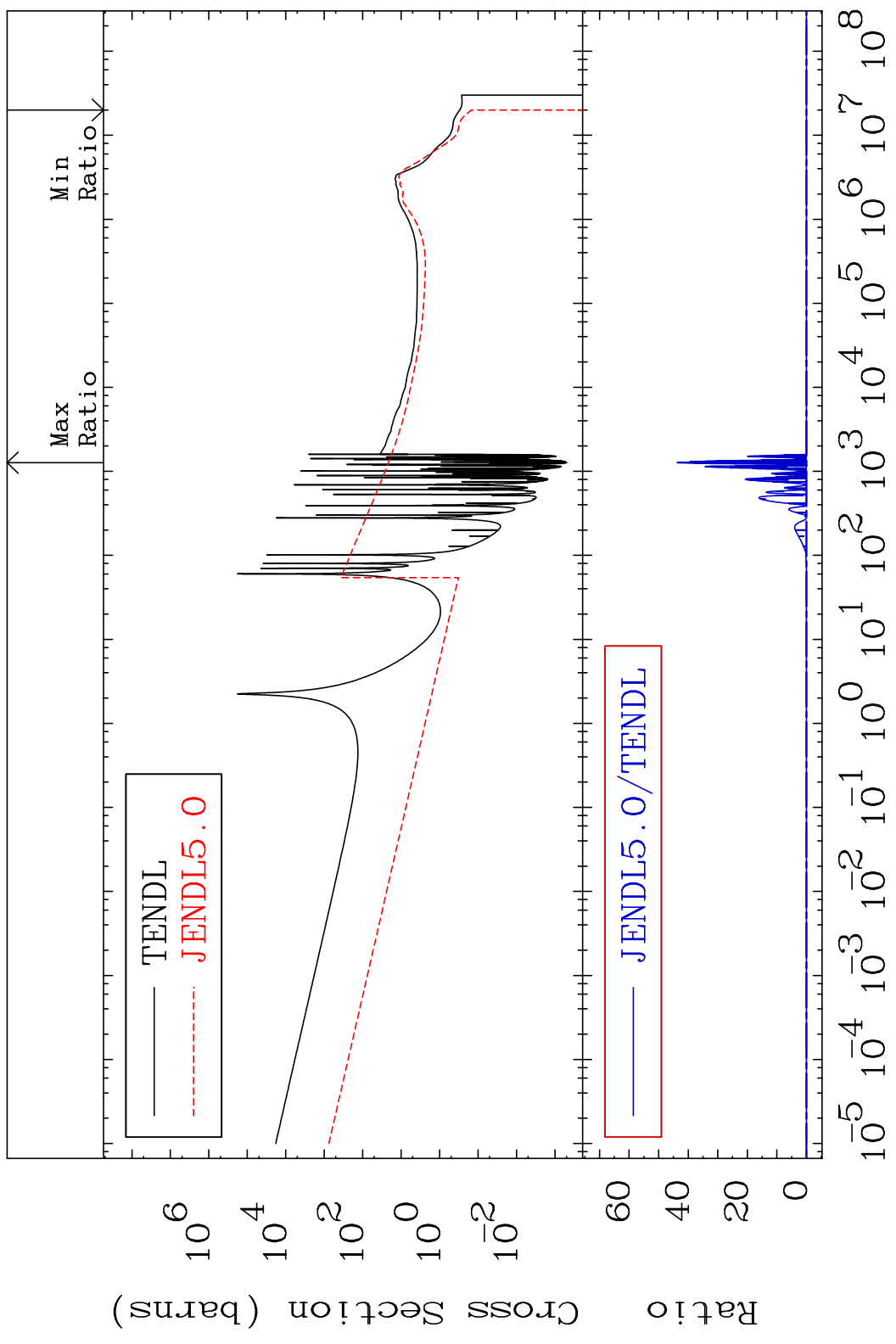


MAT 6407 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-146
 Cross Section -9999. To 53.95 %



MAT 6407

Kerma capture (mt102) 64-Gd-146
Cross Section -100.0 To 9999. %



61

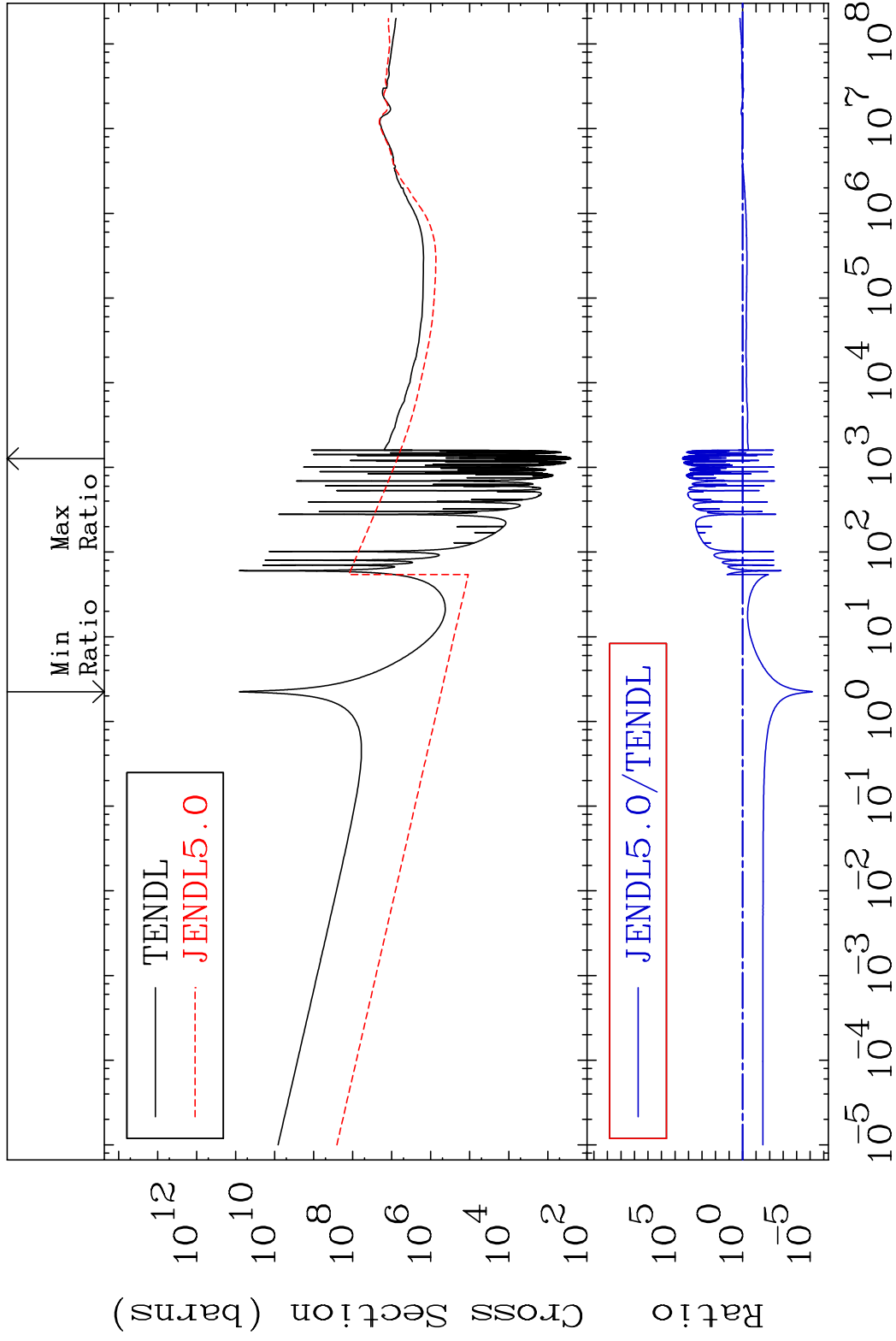
Incident Energy (eV) 64-Gd-146

MAT 6407

Total photon (eV-barns)

64-Gd-146

Cross Section -100.0 To 9999. %

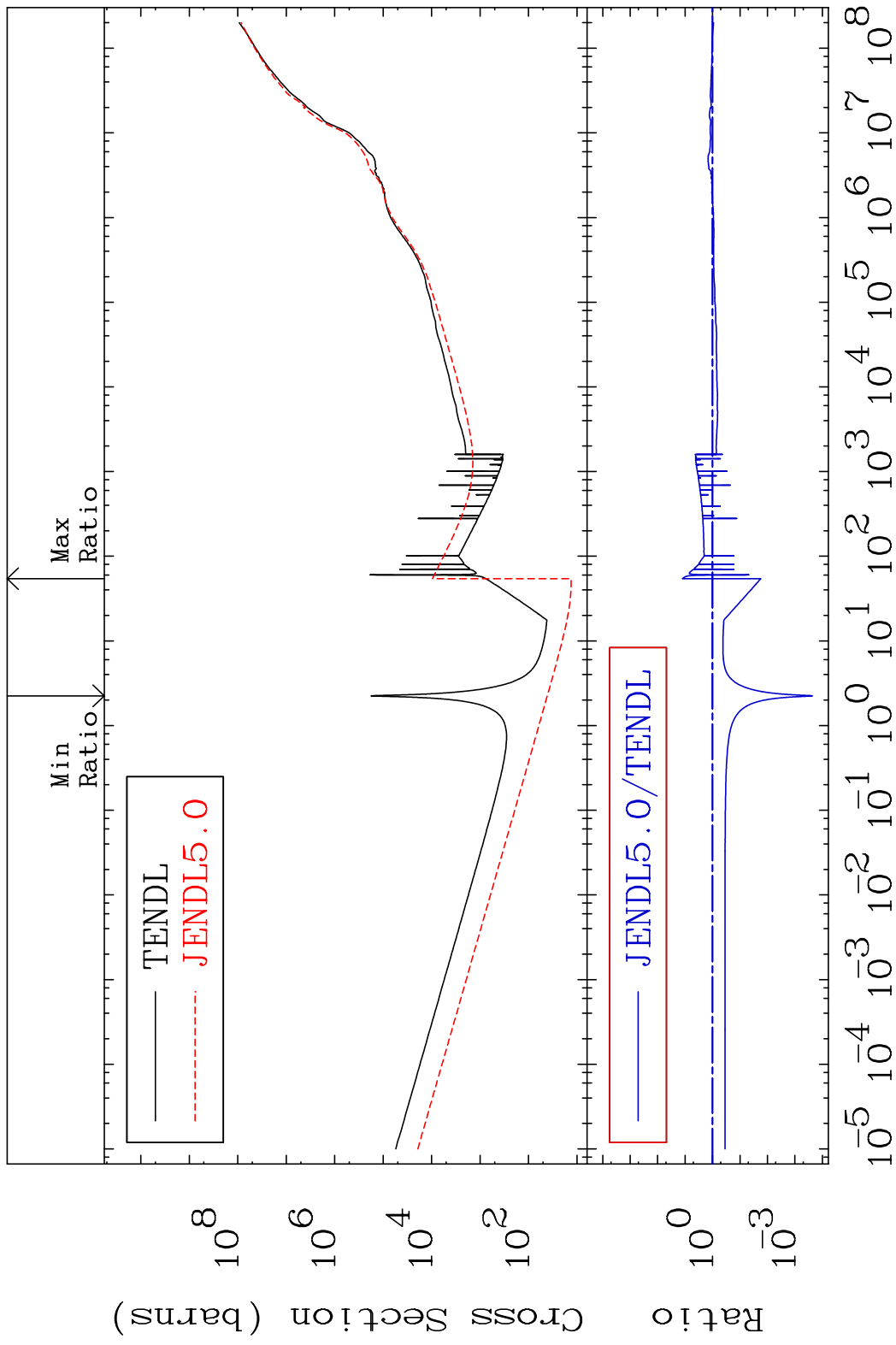


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Incident Energy (eV)

64-Gd-146

MAT 6407 Total kinematic kerma (high limit) 64-Gd-146
 Cross Section -99.98 To 1156. %

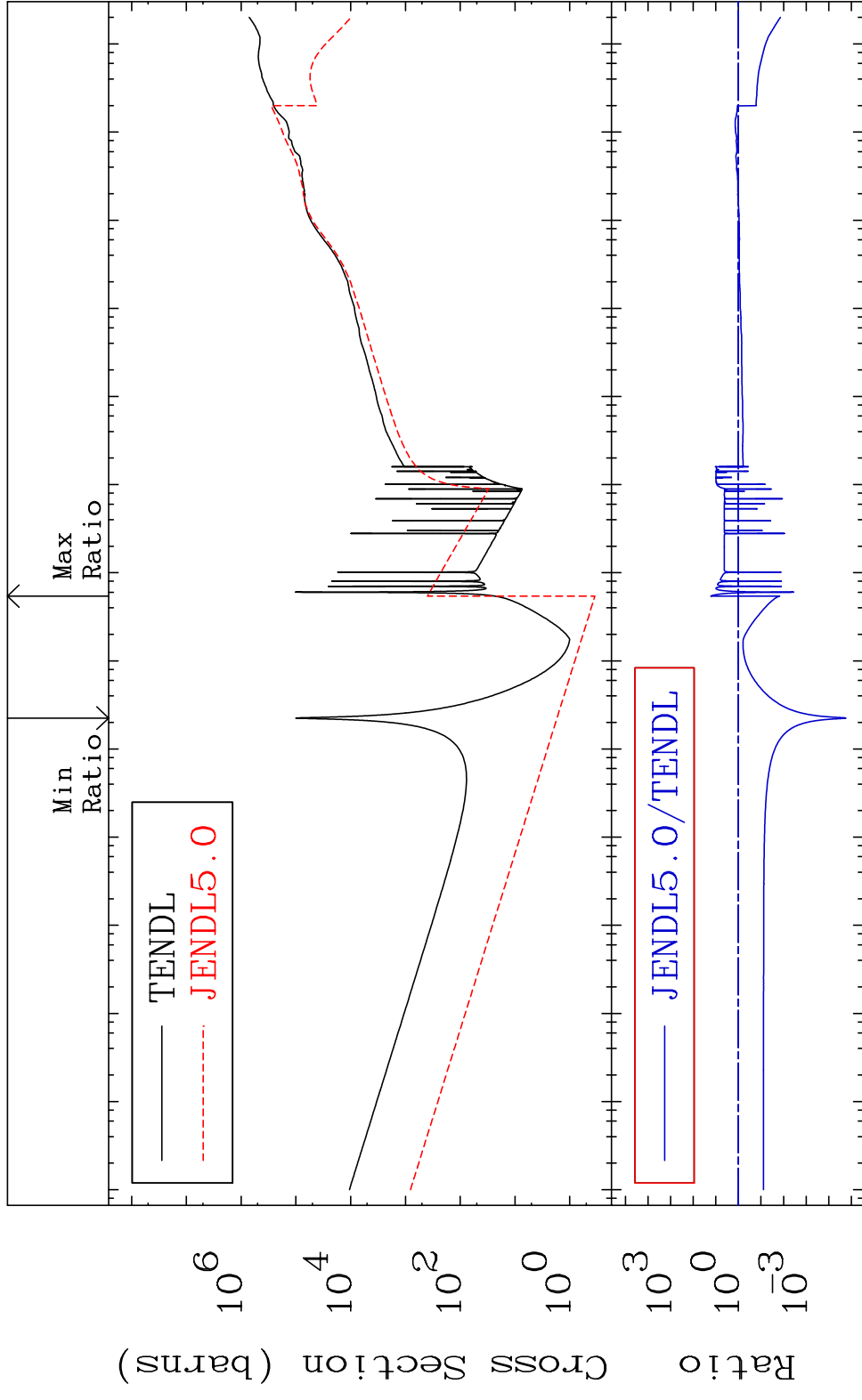


MAT 6407

Dpa total (eV-barns)

64-Gd-146

Cross Section -100.0 To 1573. %



64

Incident Energy (eV)

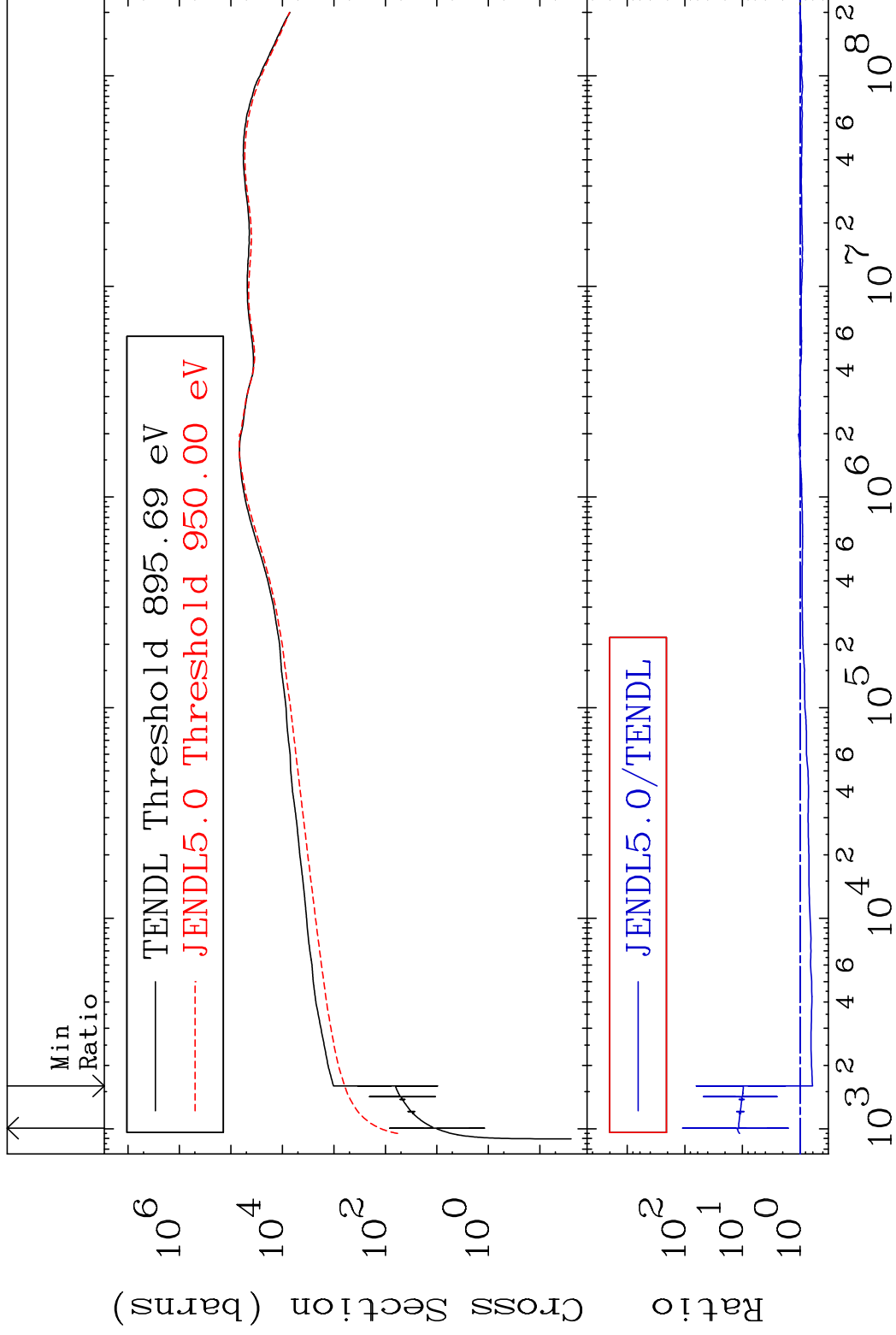
64-Gd-146

MAT 6407

Dpa elastic (mt2)

64-Gd-146

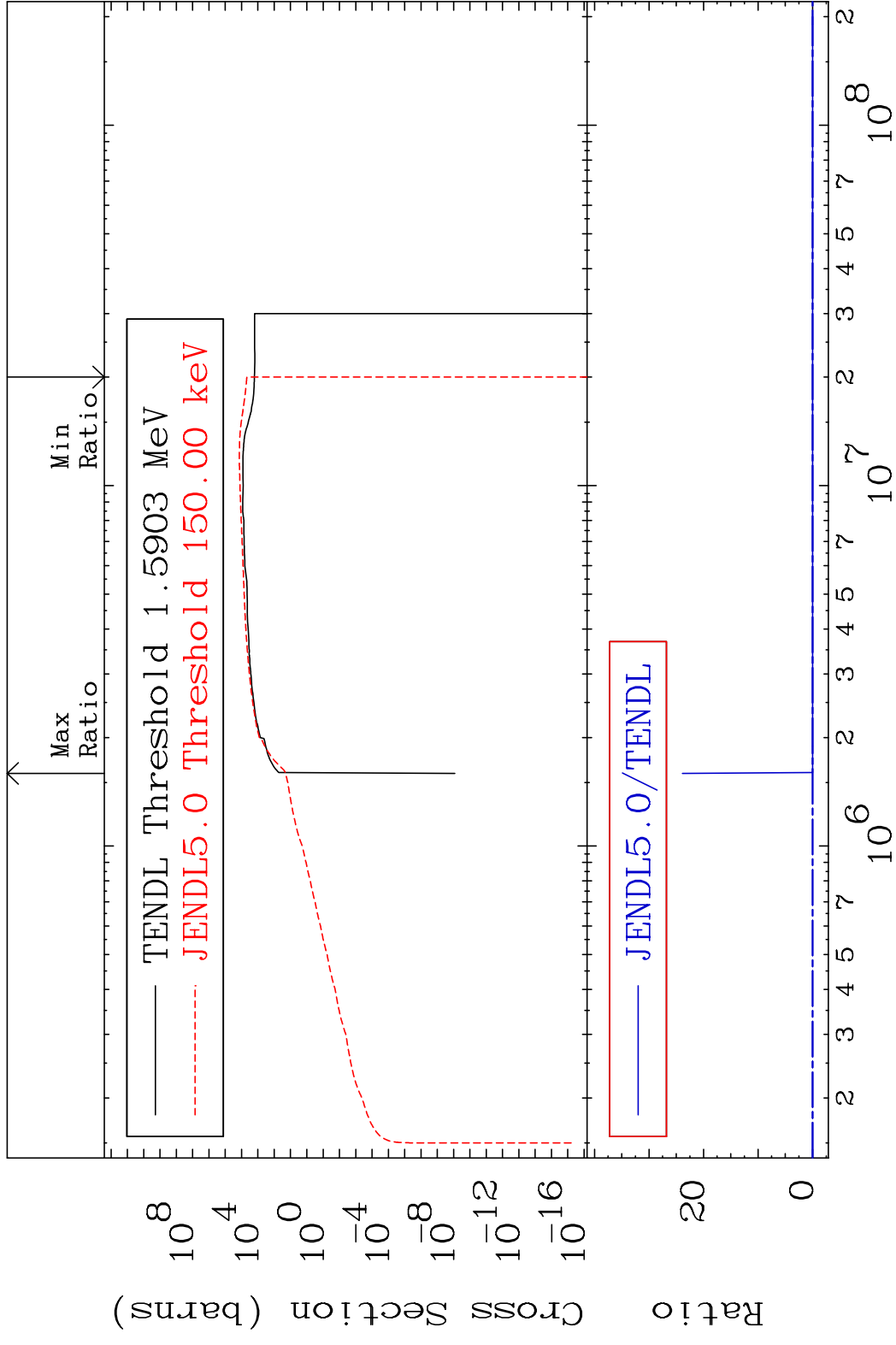
Cross Section -39.58 To 9999. %



65

Incident Energy (eV)

64-Gd-146



MAT 6407 Dpa disappearance (mt102 -120) 64-Gd-146
 Cross Section -100.0 To 1573. %

