

Program Complot
(Version 2021-1)

by

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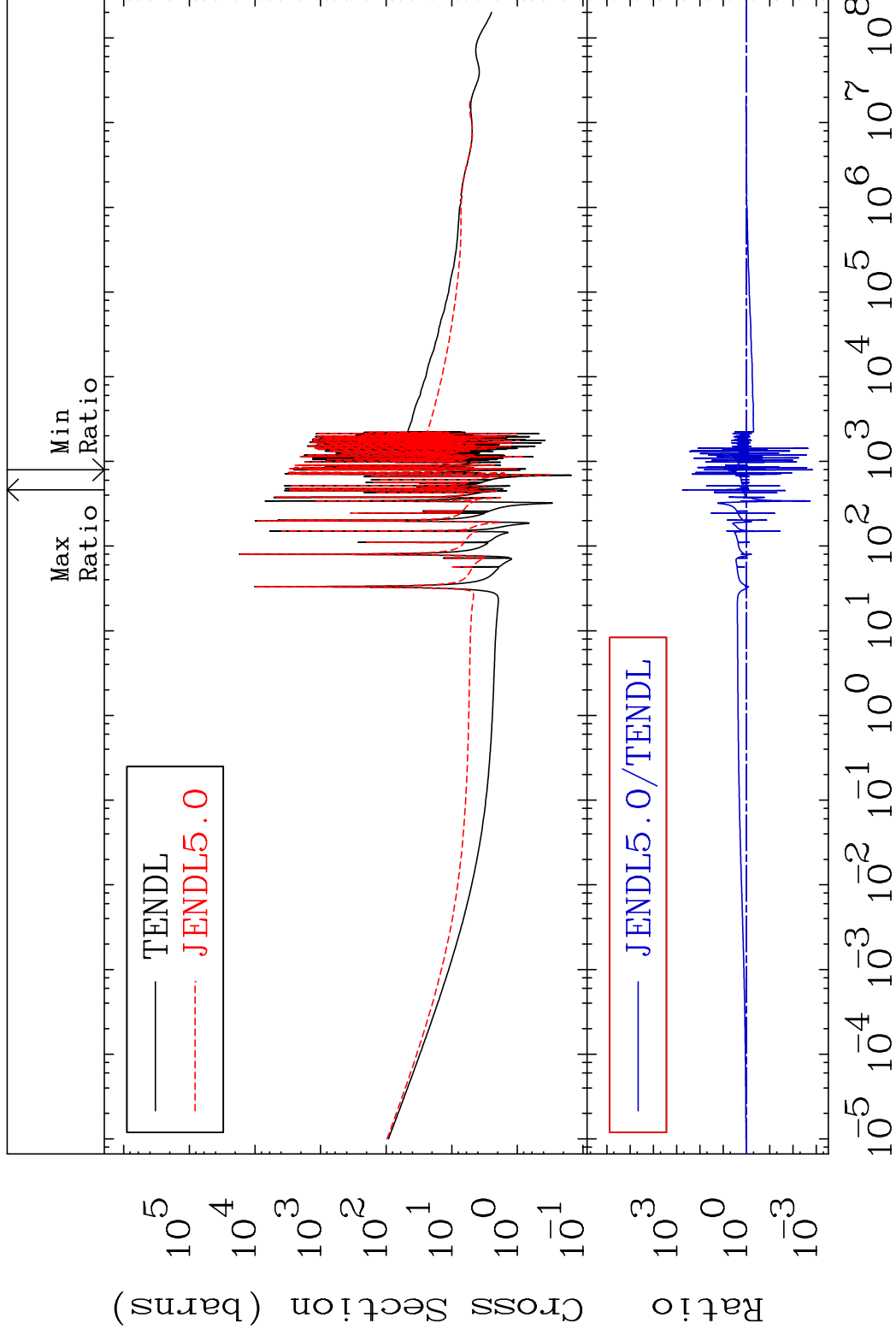
Press Mouse Button to Start

MAT 6437

Total

64-Gd-156

Cross Section -99.86 To 9999. %



1

Incident Energy (eV)

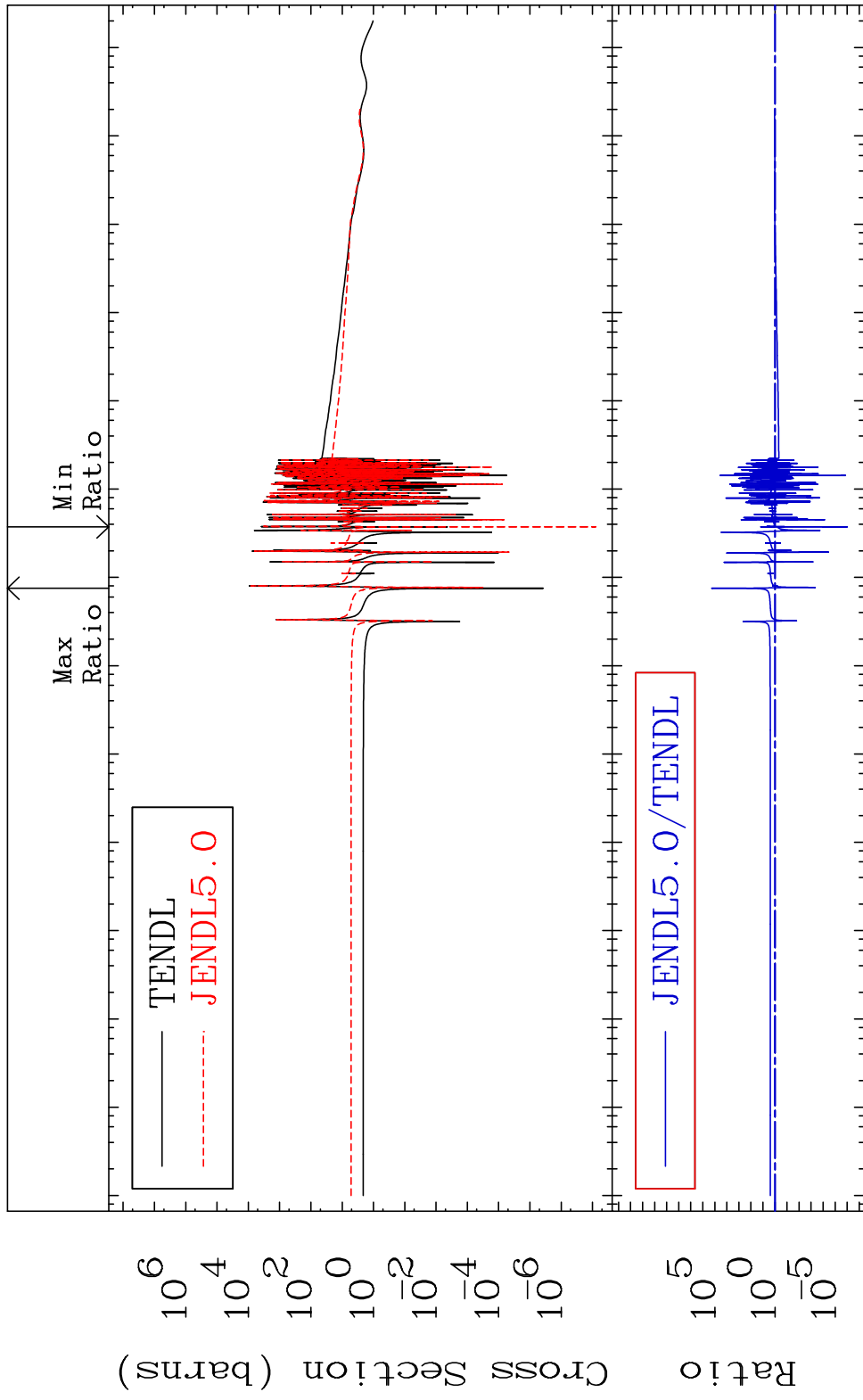
64-Gd-156

MAT 6437

Elastic

64-Gd-156

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

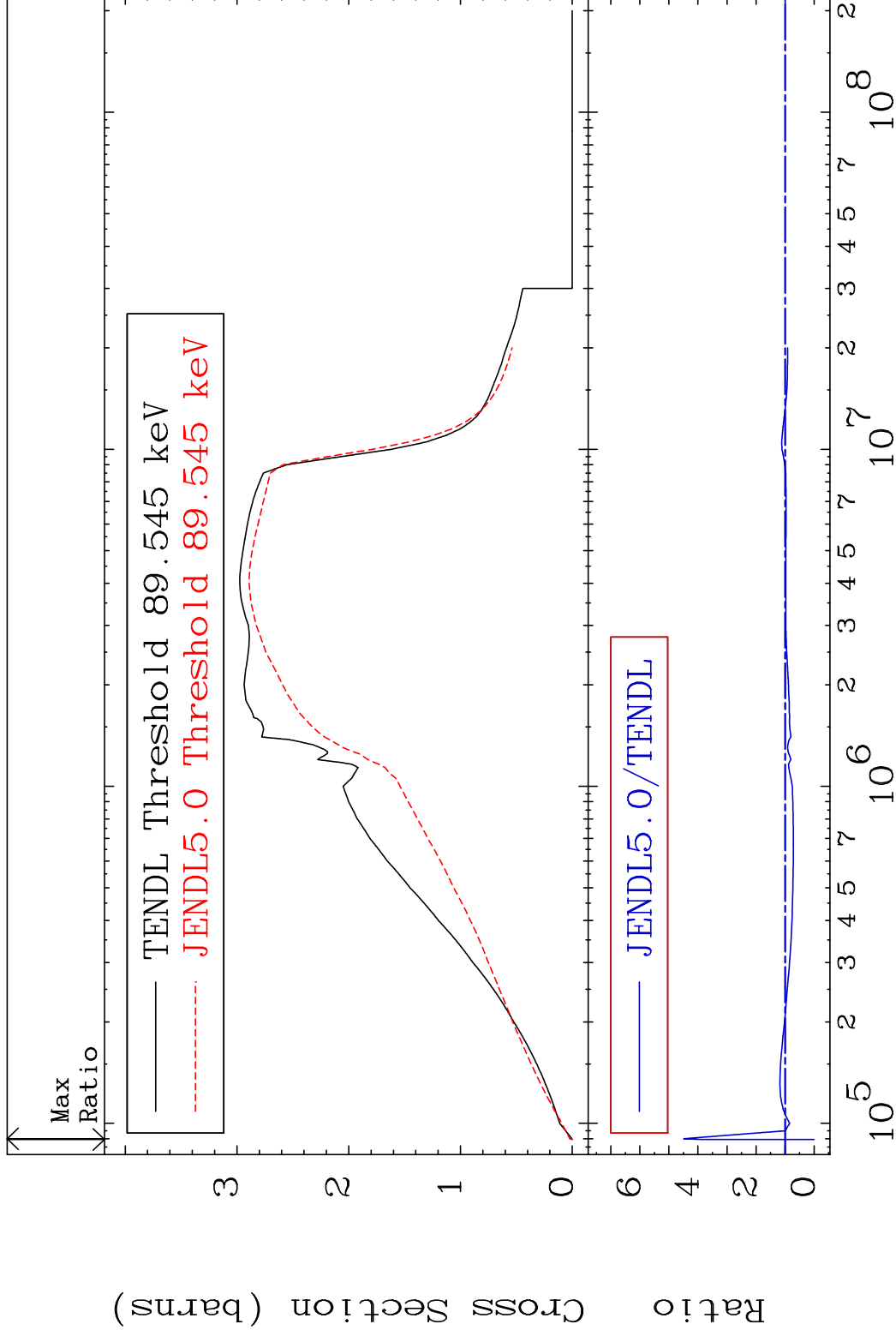
64-Gd-156

MAT 6437

Inelastic

64-Gd-156

Cross Section -100.0 To 349.3 %



3

Incident Energy (eV)

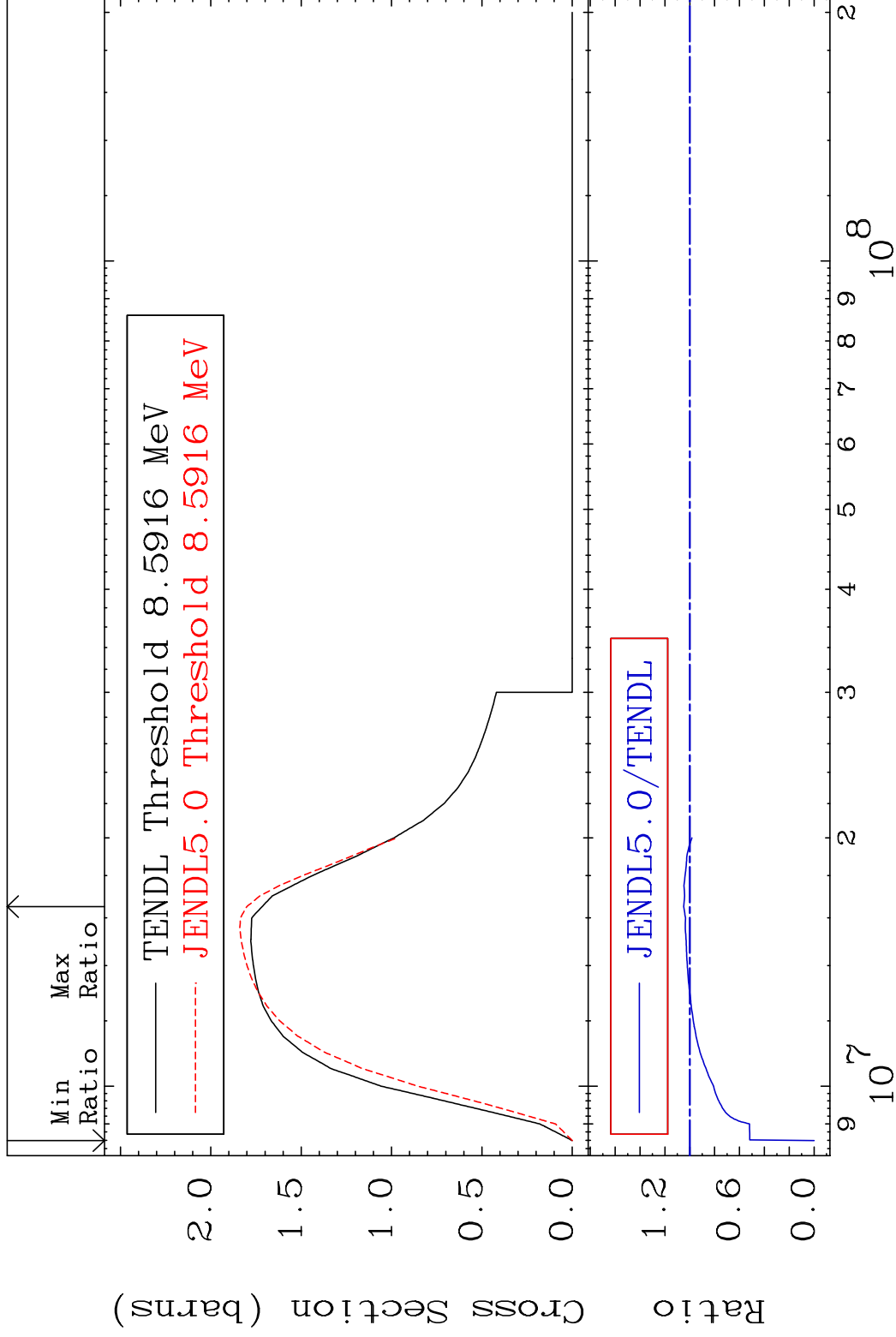
64-Gd-156

MAT 6437

(n,2n)

64-Gd-156

Cross Section -100.0 To 4.930 %



4

Incident Energy (eV)

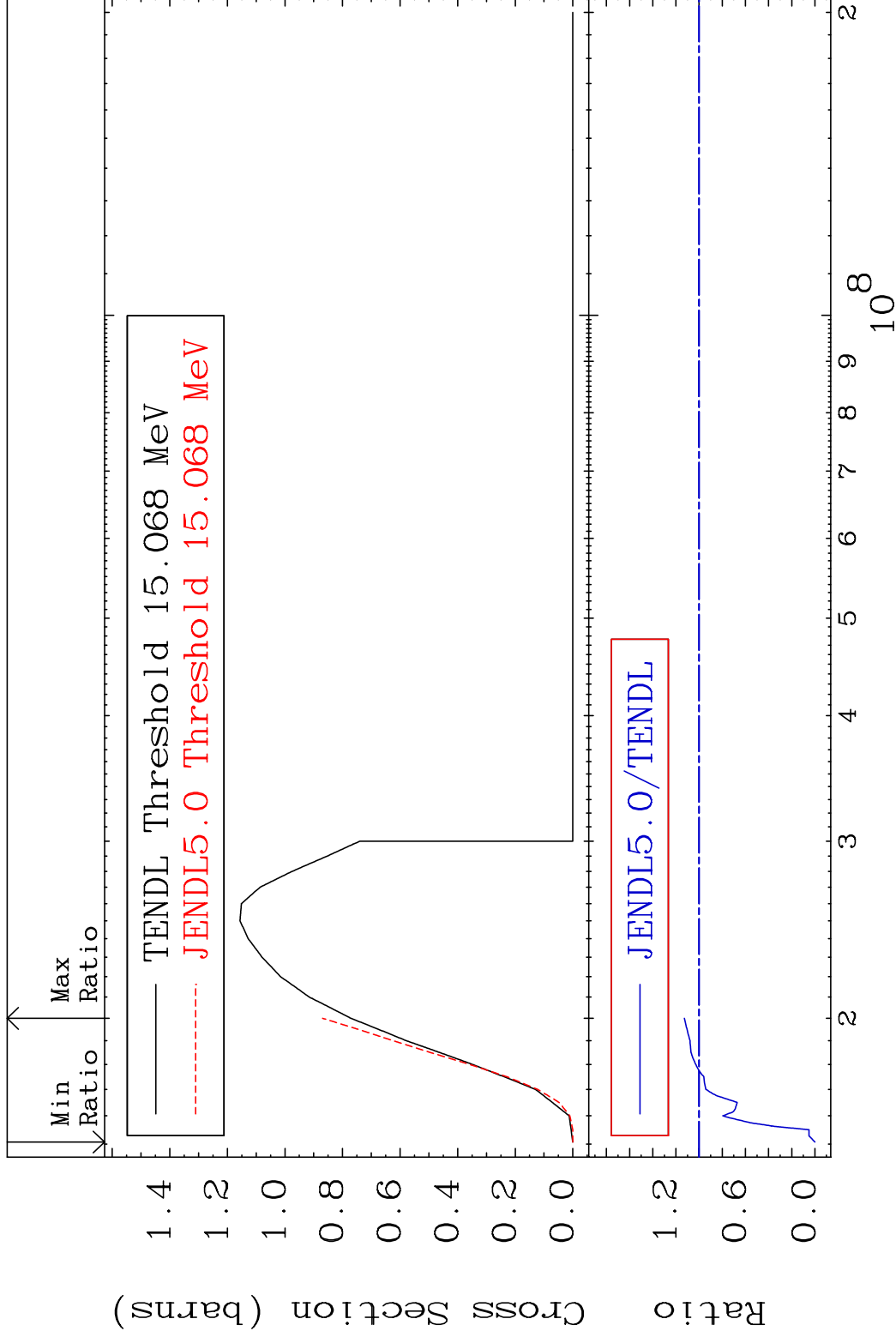
64-Gd-156

MAT 6437

(n,3n)

64-Gd-156

Cross Section -100.0 To 12.76 %



5

Incident Energy (eV)

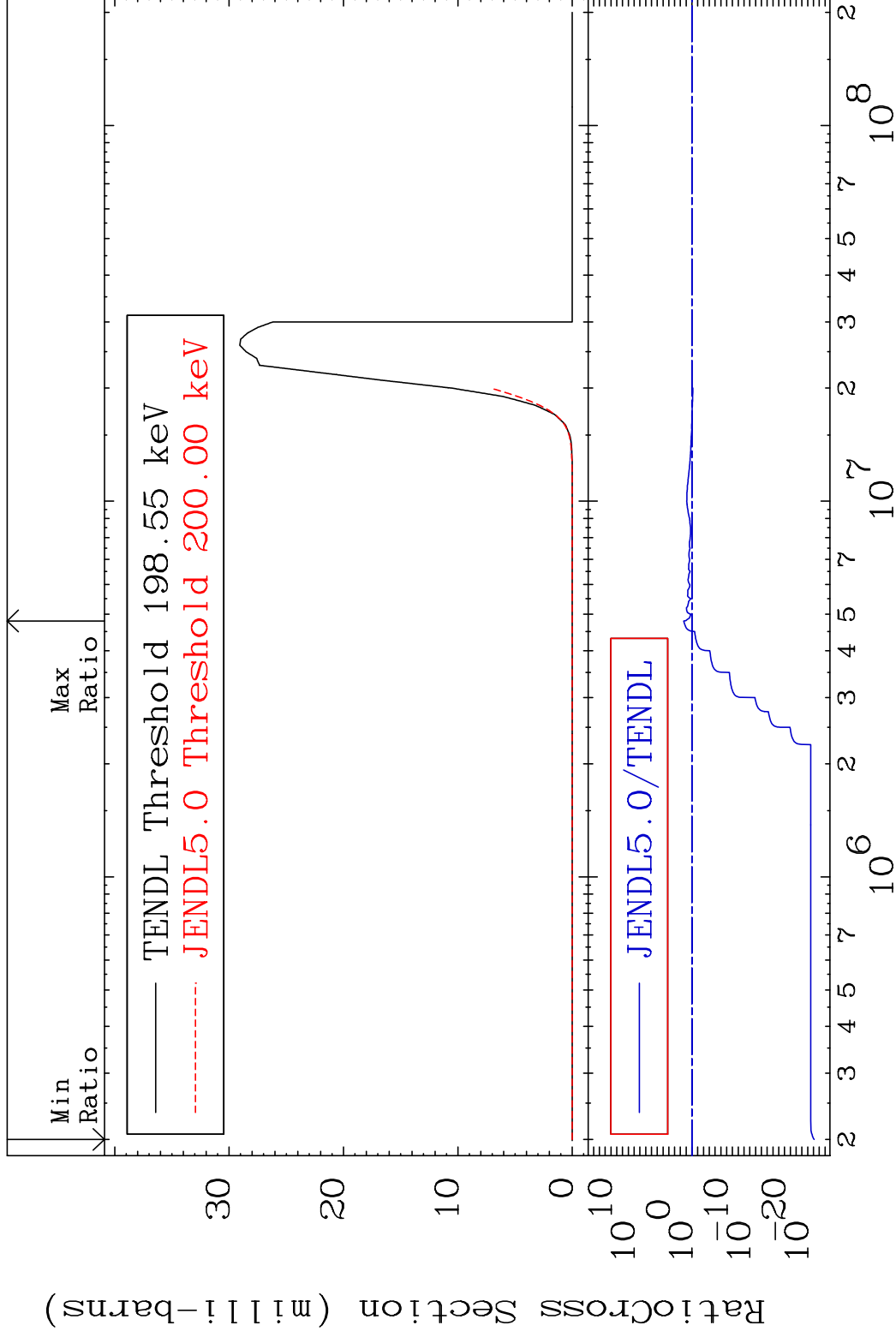
64-Gd-156

MAT 6437

(n, n') α

64-Gd-156

Cross Section -100.0 To 2613. %



6

Incident Energy (eV)

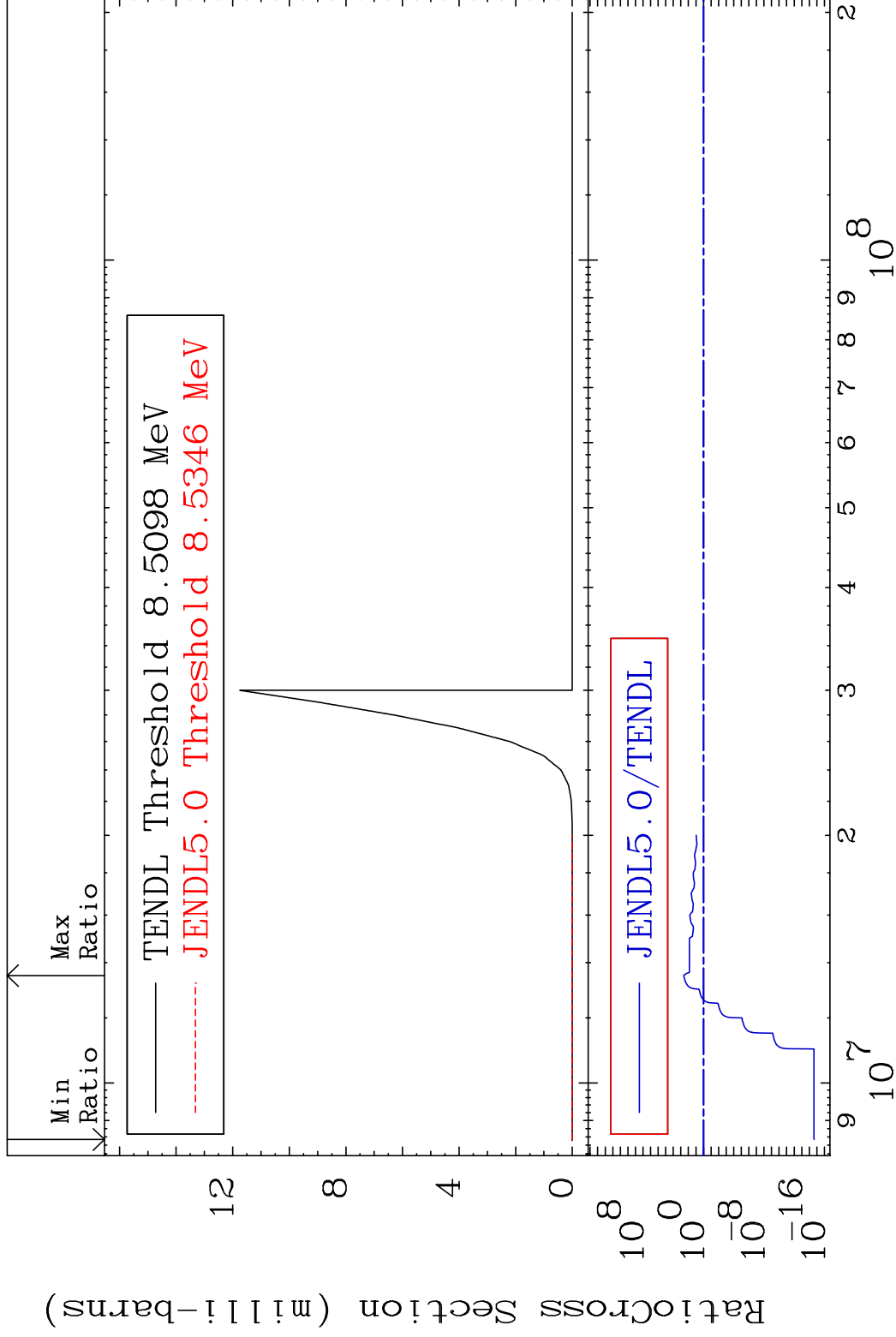
64-Gd-156

MAT 6437

(n,2n) α

64-Gd-156

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

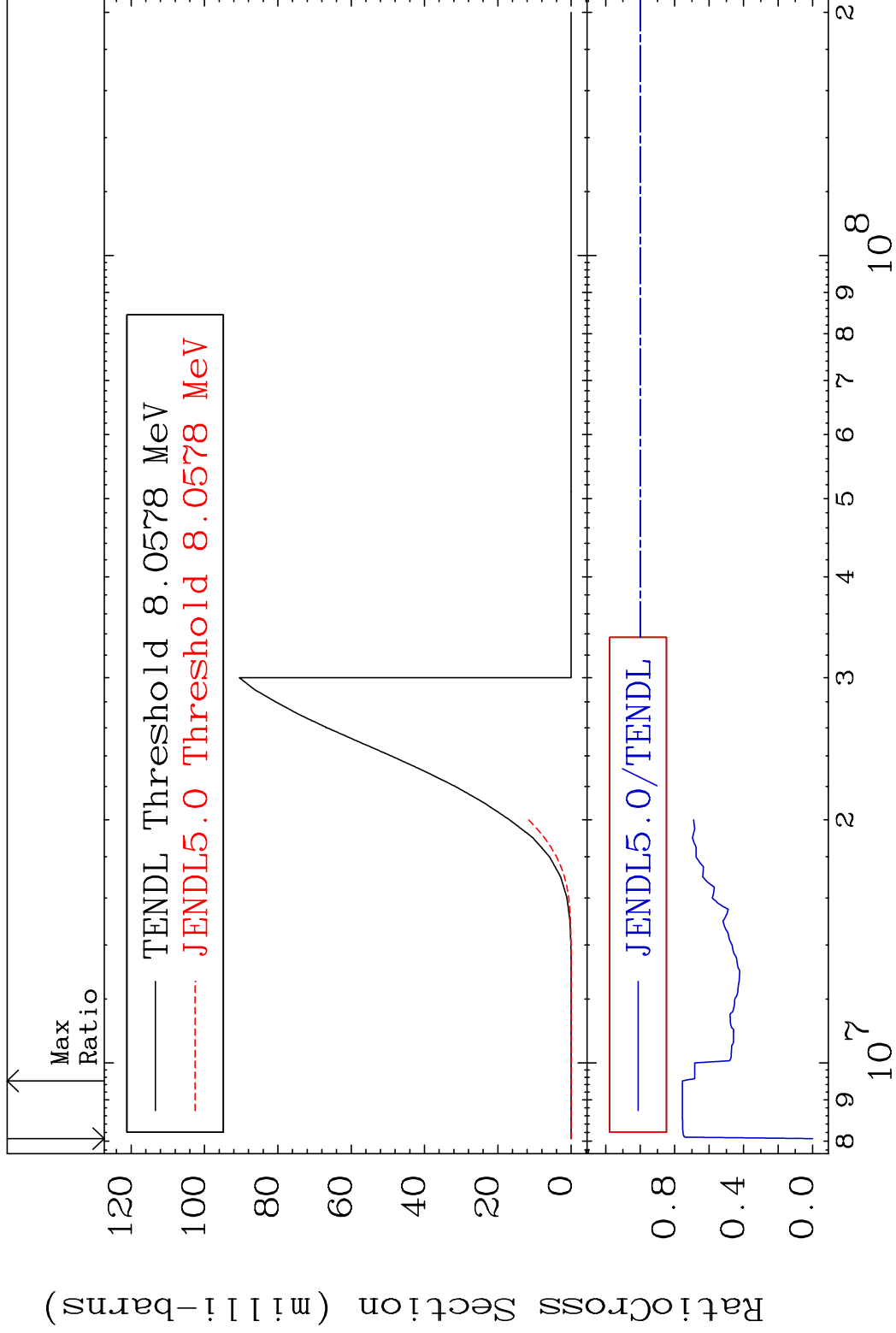
64-Gd-156

MAT 6437

(n, n') p

64-Gd-156

Cross Section -100.0 To -24.46%



8

Incident Energy (eV)

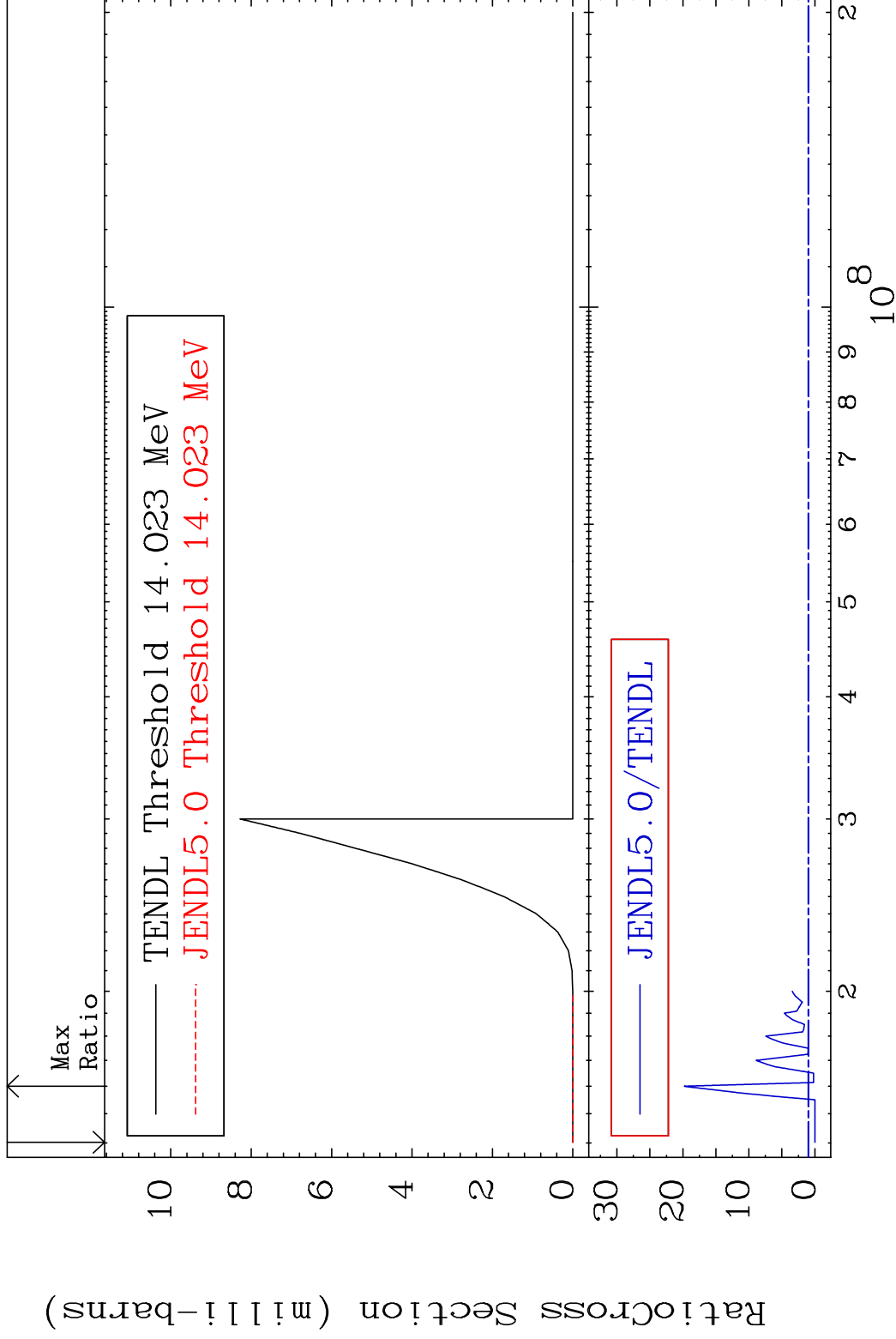
64-Gd-156

MAT 6437

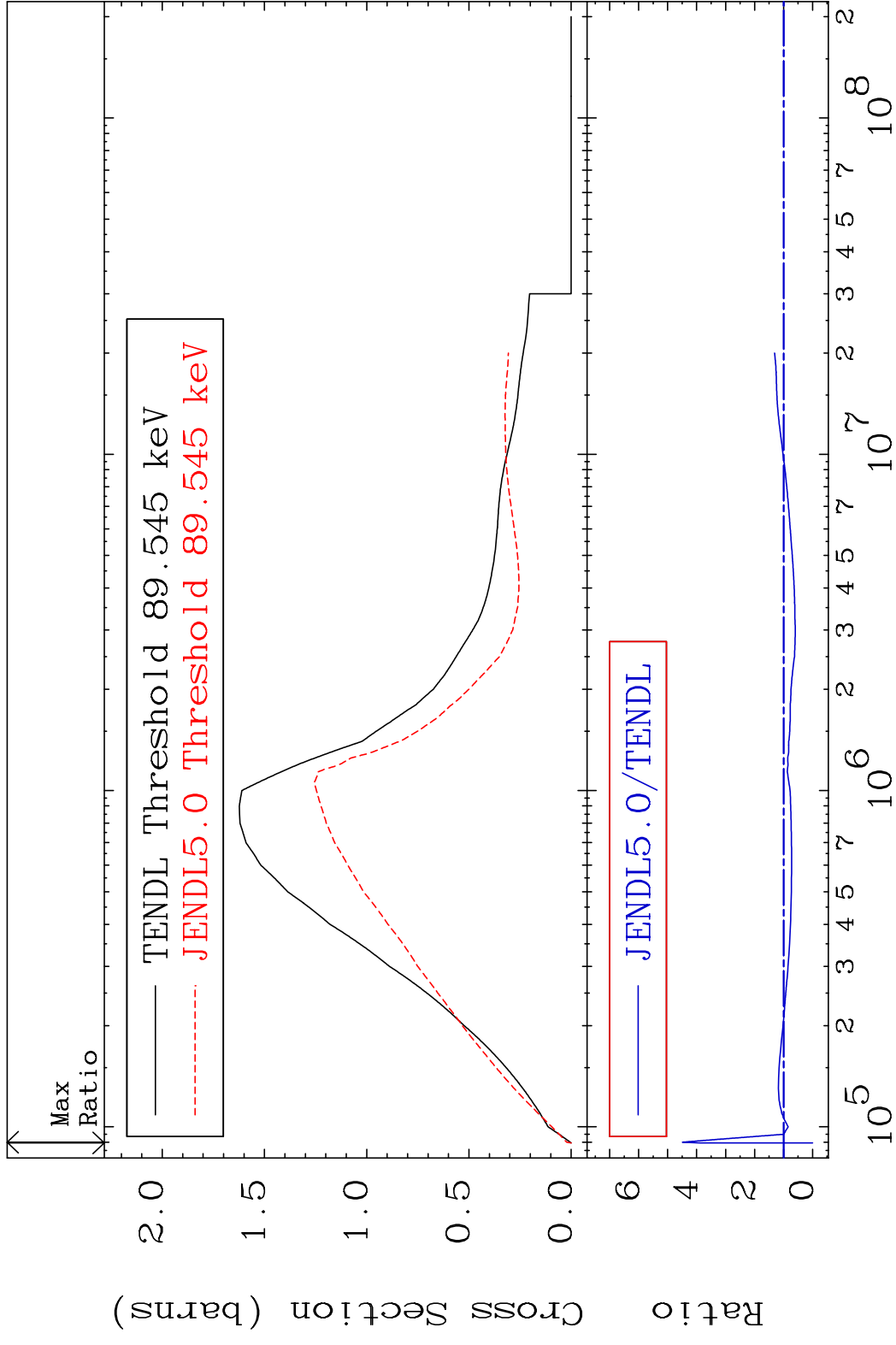
(n, n') d

64-Gd-156

Cross Section -100.0 To 1879. %

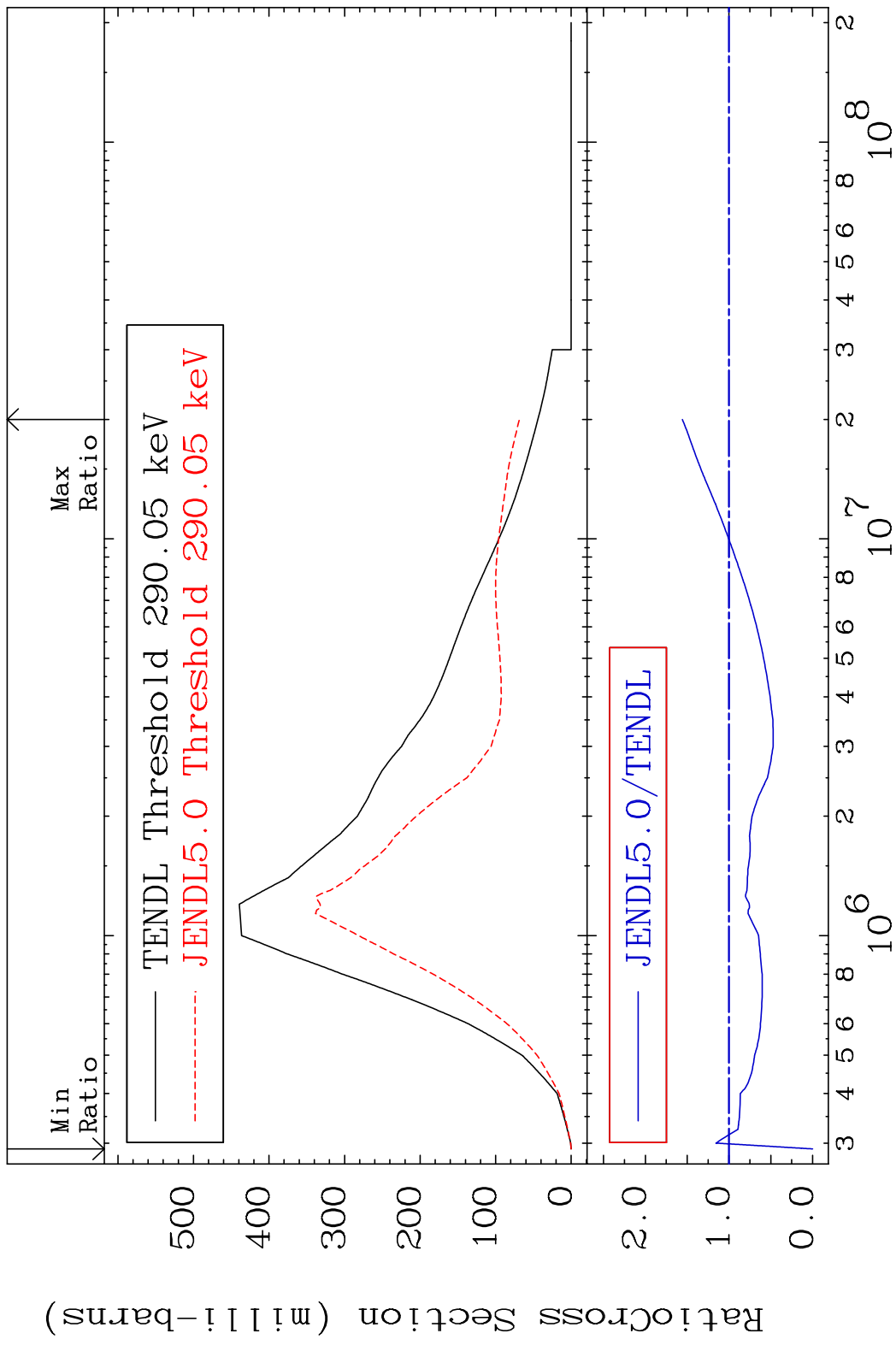


MAT 6437 MT= 51 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 349.3 %

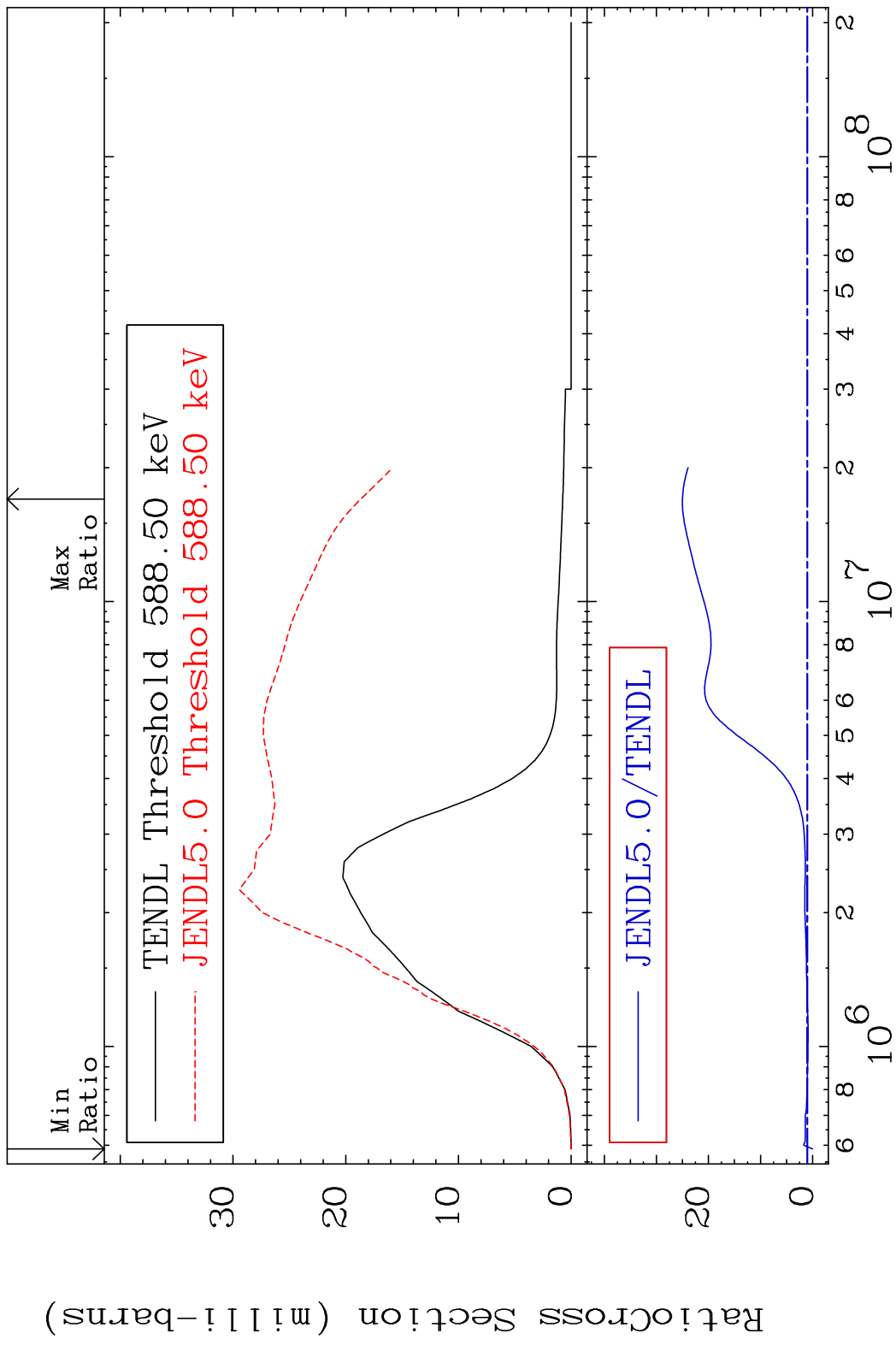


10 Incident Energy (eV) 64-Gd-156

MAT 6437 MT= 52 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 55.77 %

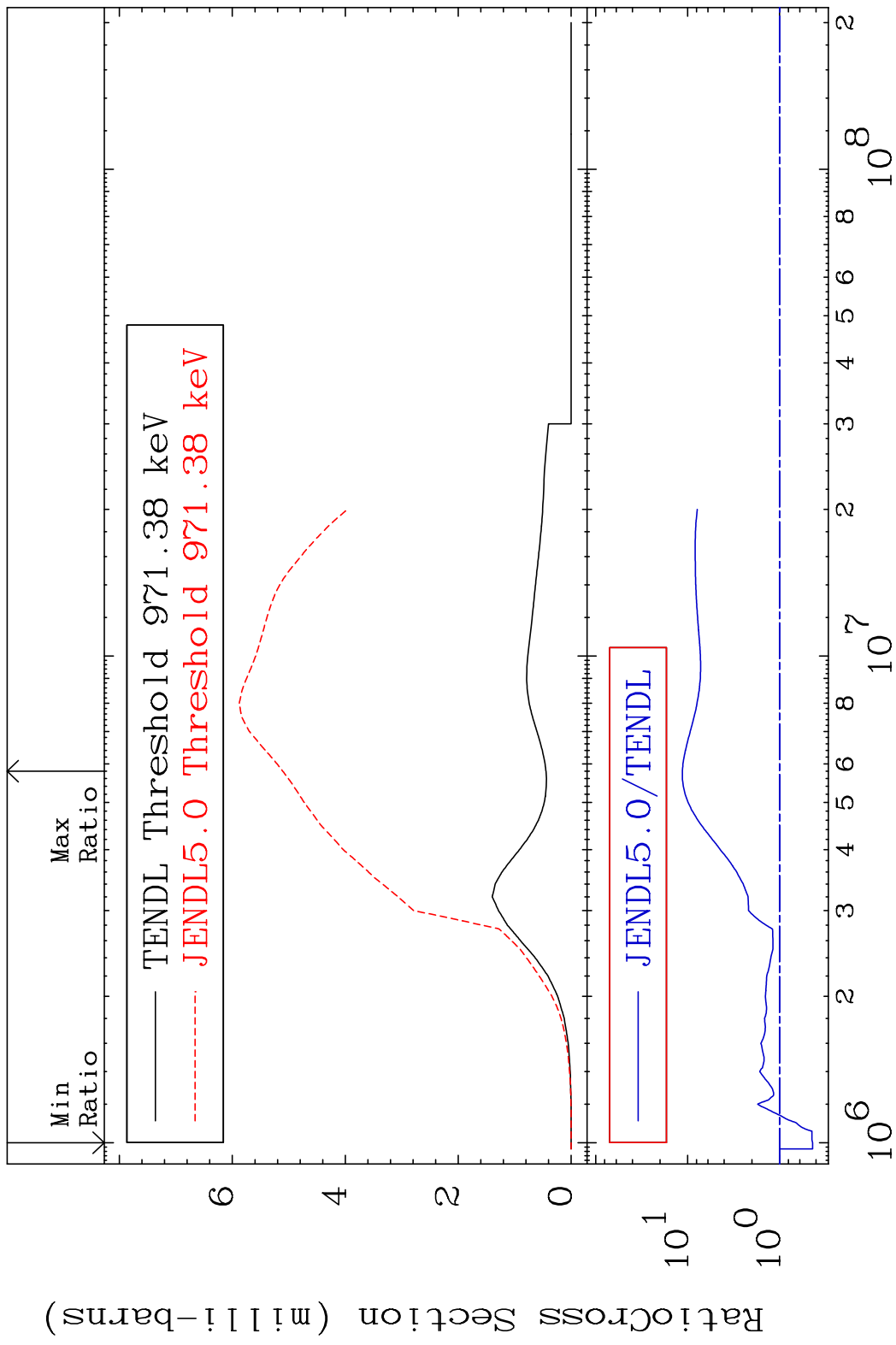


MAT 6437 MT= 53 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 2402. %



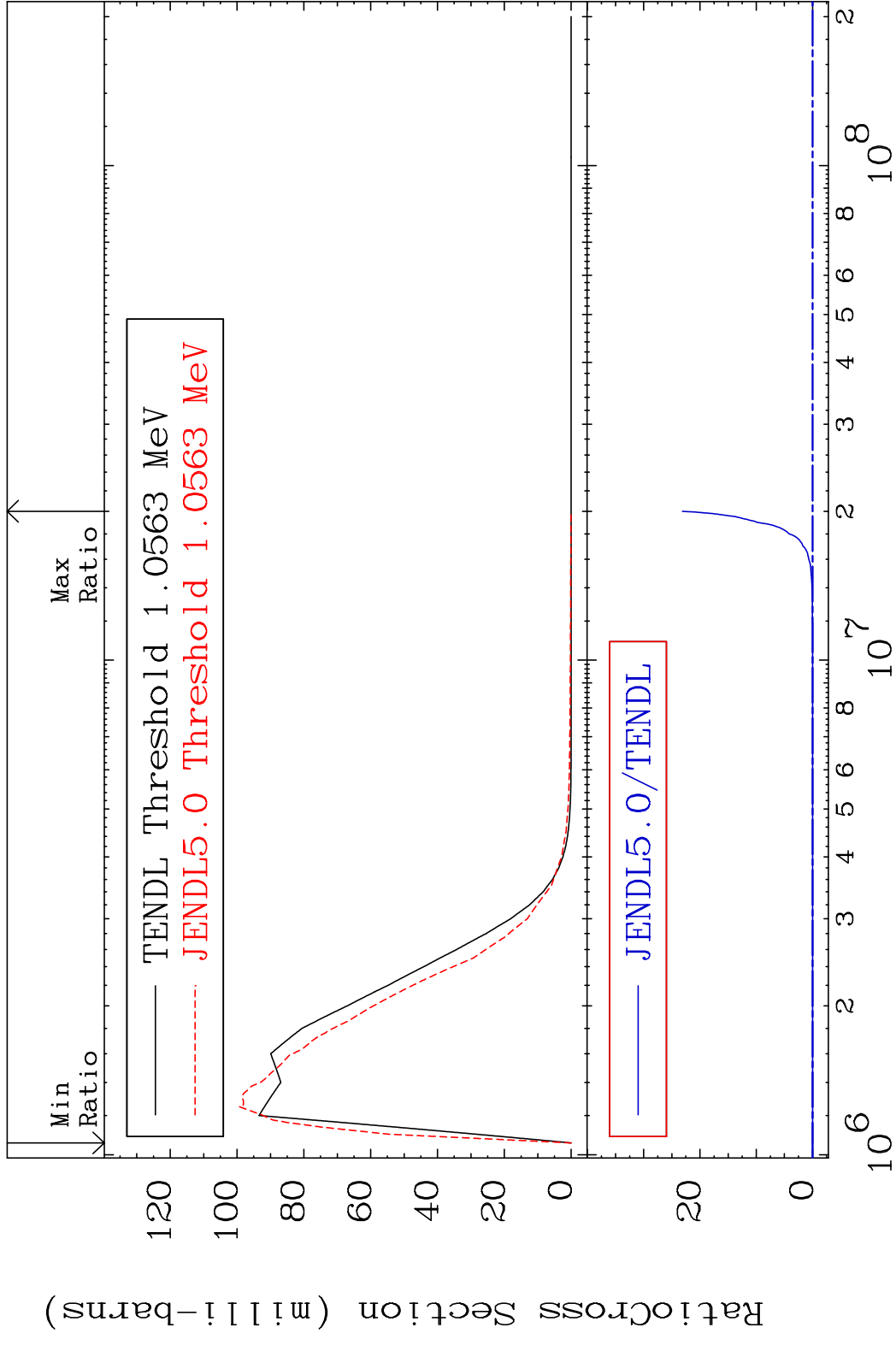
12 Incident Energy (eV) 64-Gd-156

MAT 6437 MT= 54 (n,n') Level 64-Gd-156
 Cross Section -56.37 To 1042. %



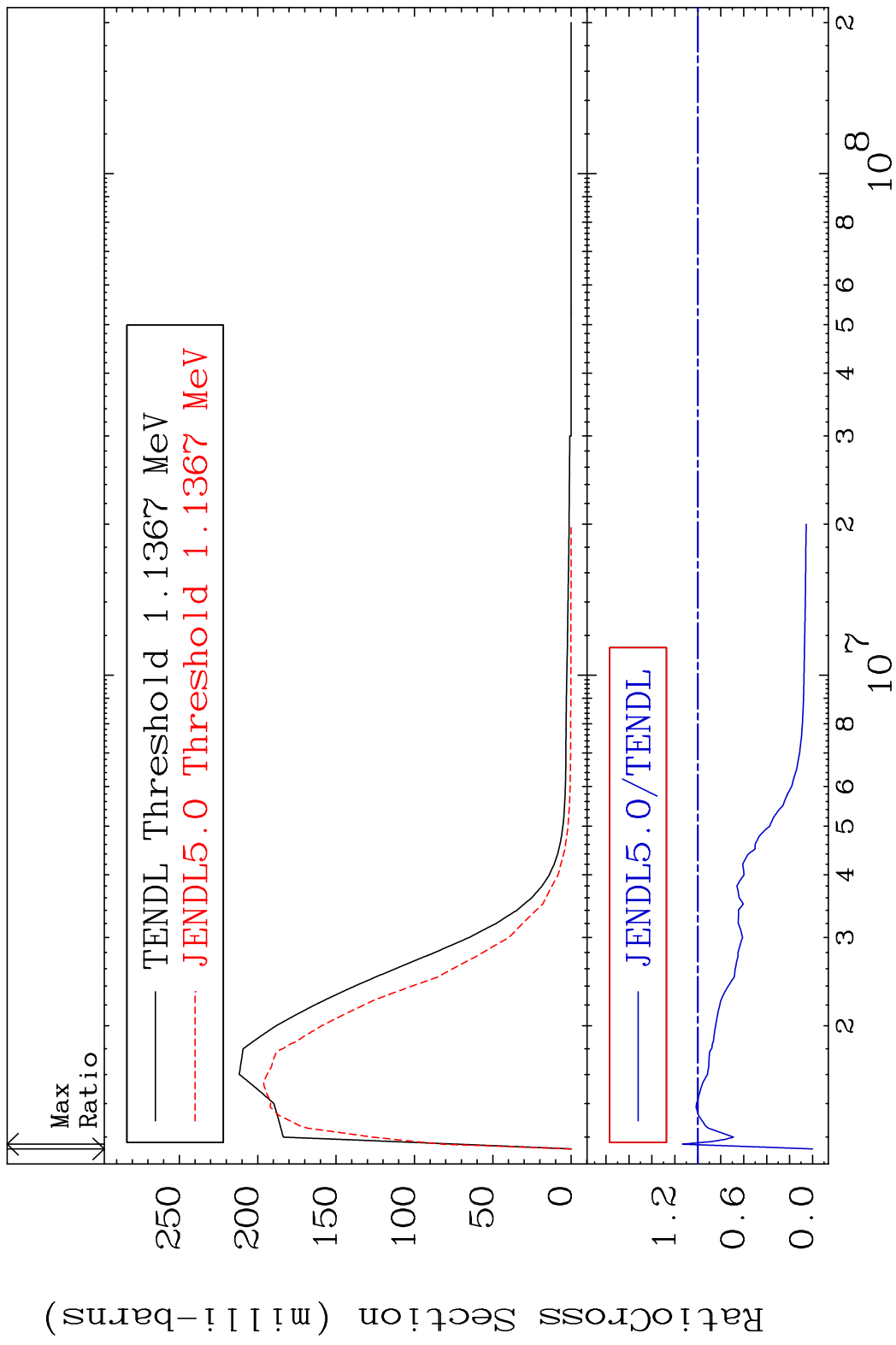
13 Incident Energy (eV) 64-Gd-156

MAT 6437 MT= 55 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 9999. %

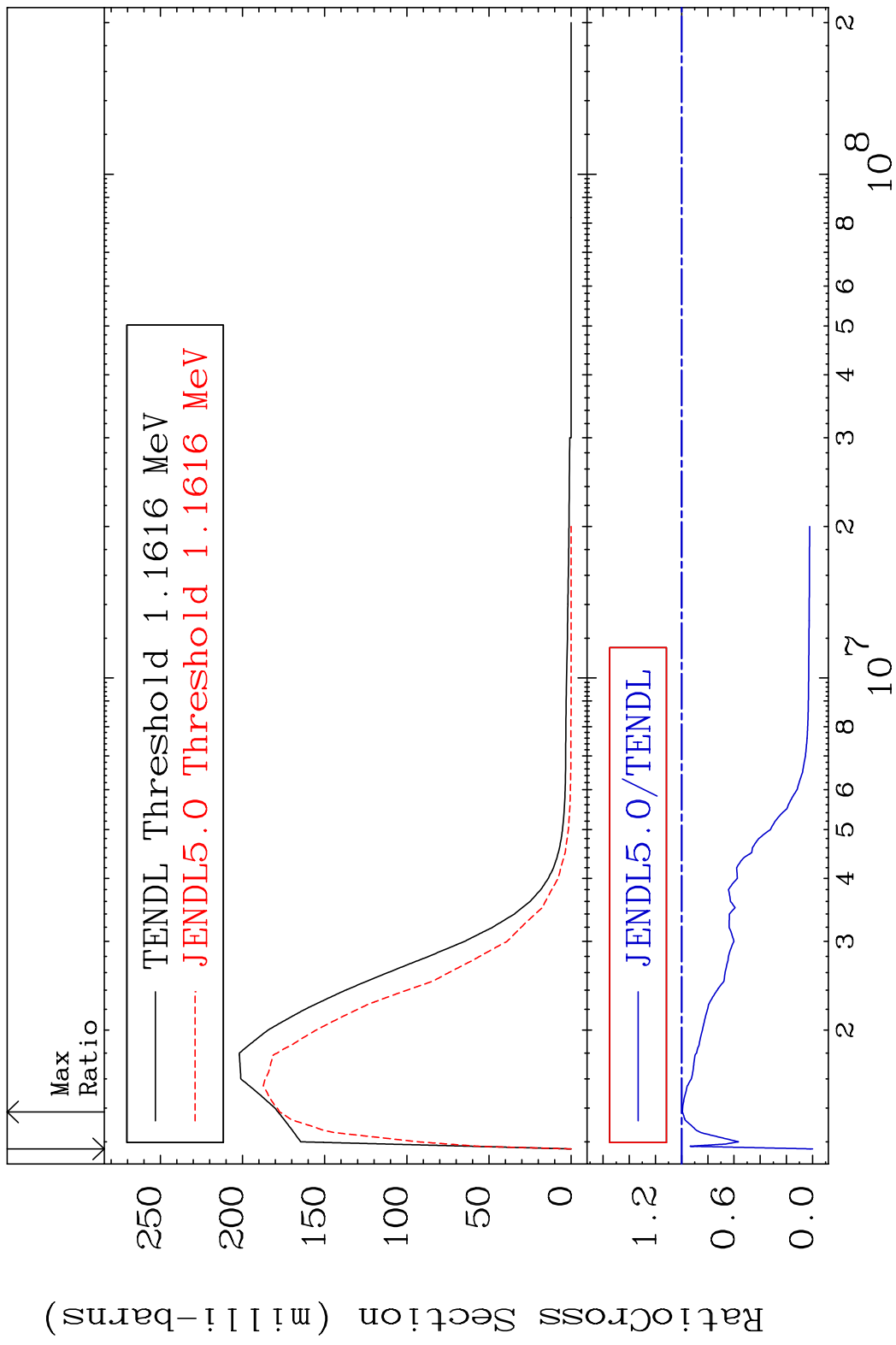


14 Incident Energy (eV) 64-Gd-156

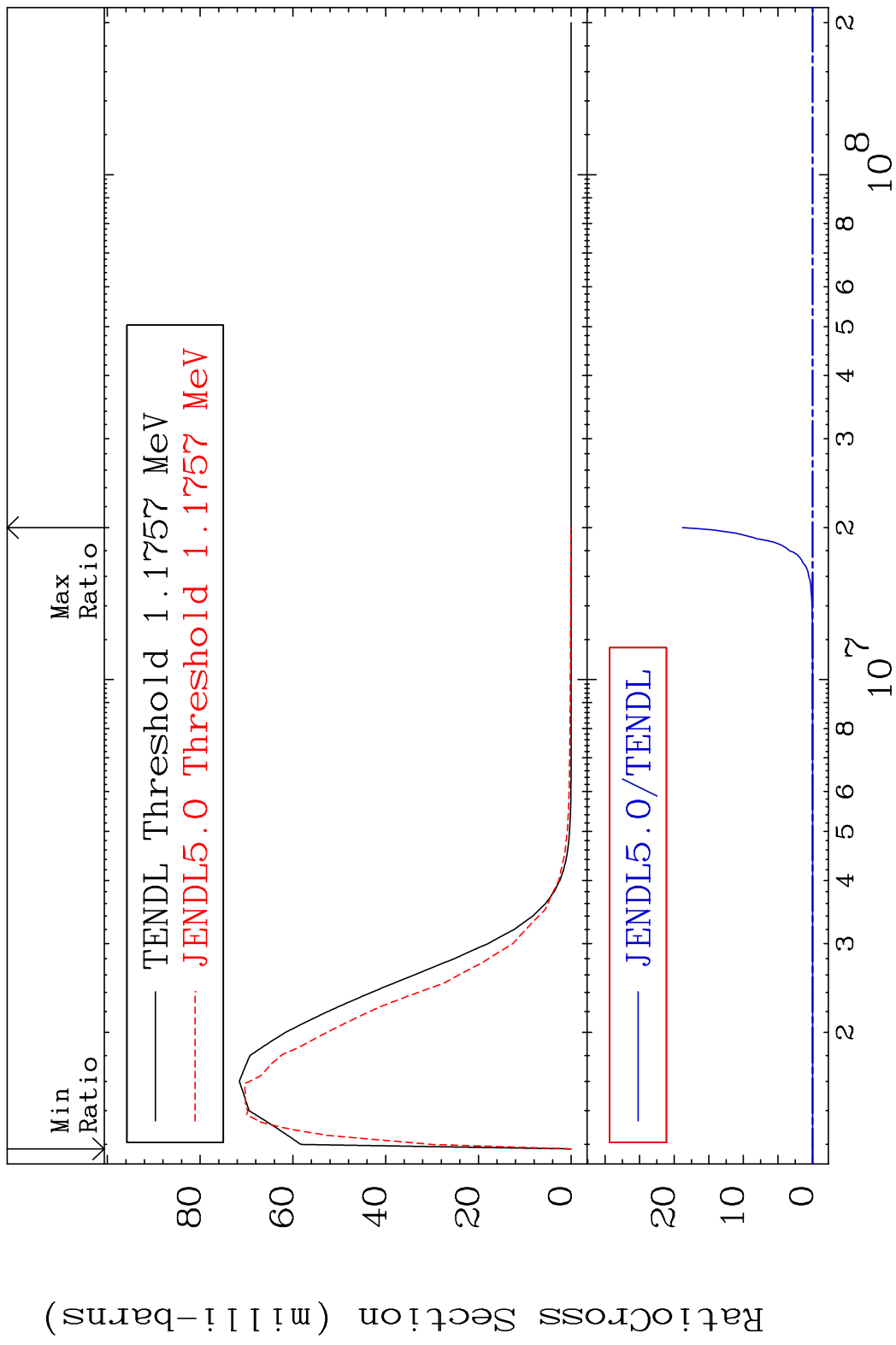
MAT 6437 MT= 56 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 13.49 %



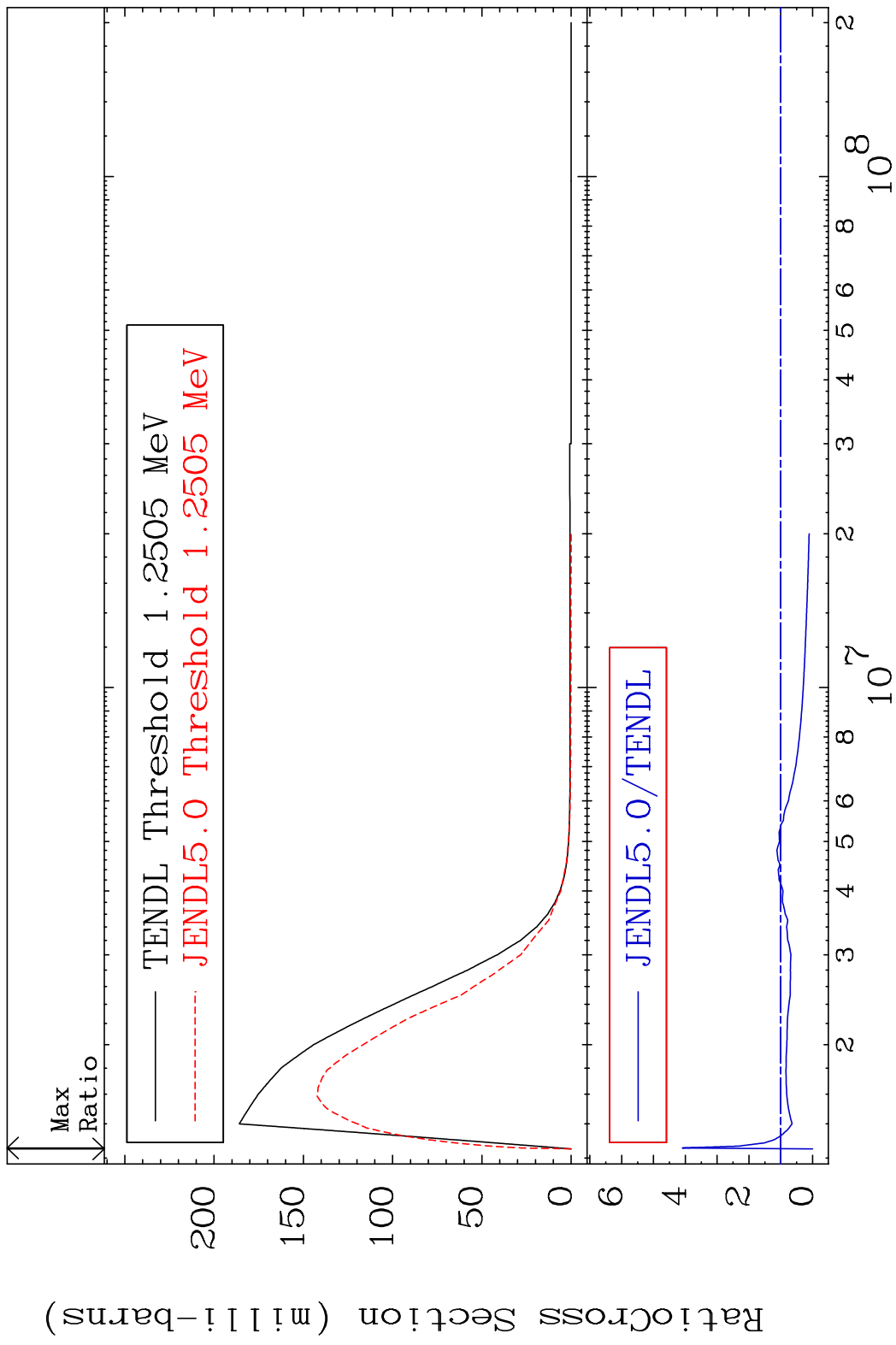
MAT 6437 MT= 57 (n,n') Level 64-Gd-156
 Cross Section -100.0 To -0.545%



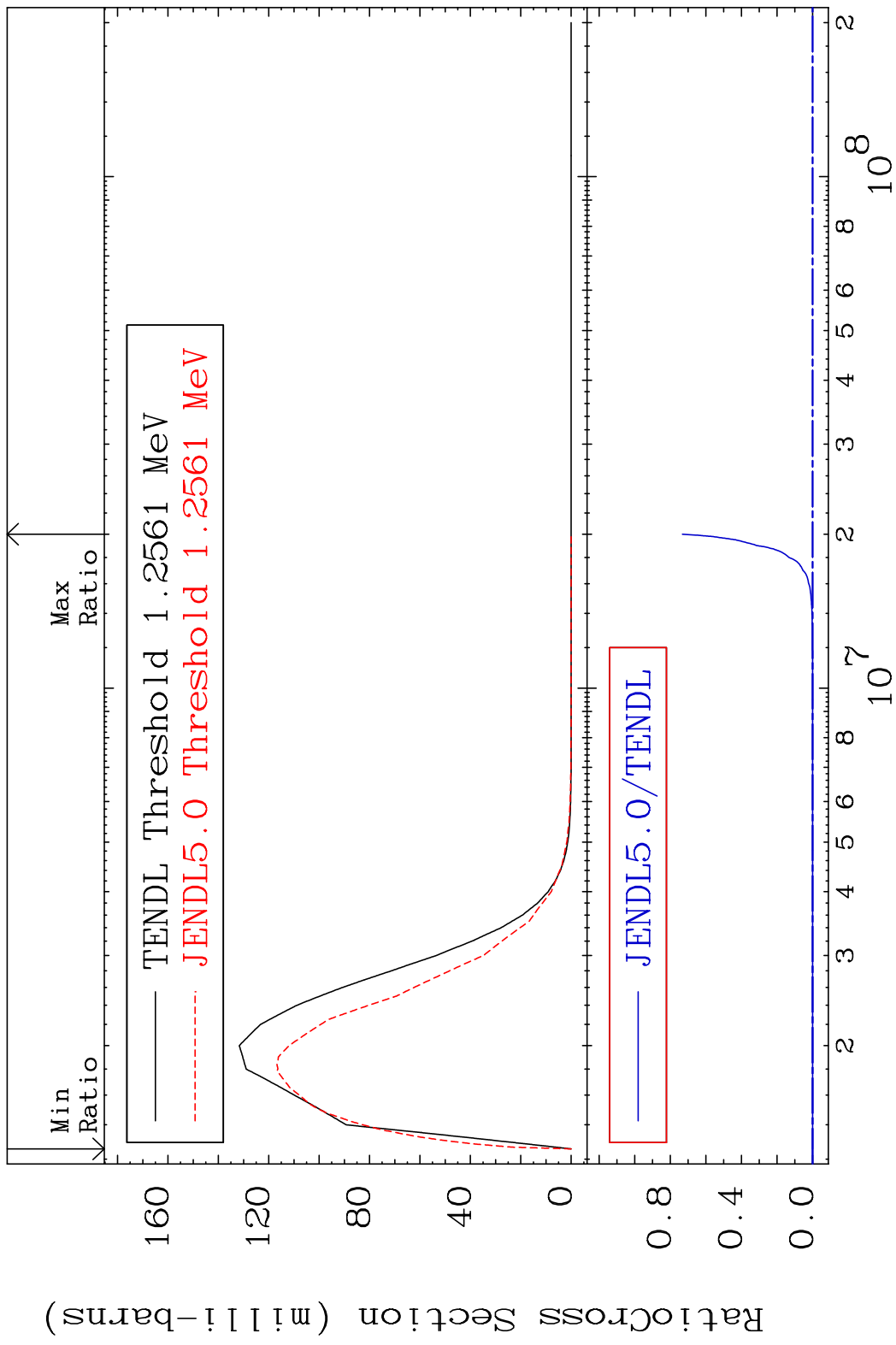
MAT 6437 MT= 58 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 9999. %



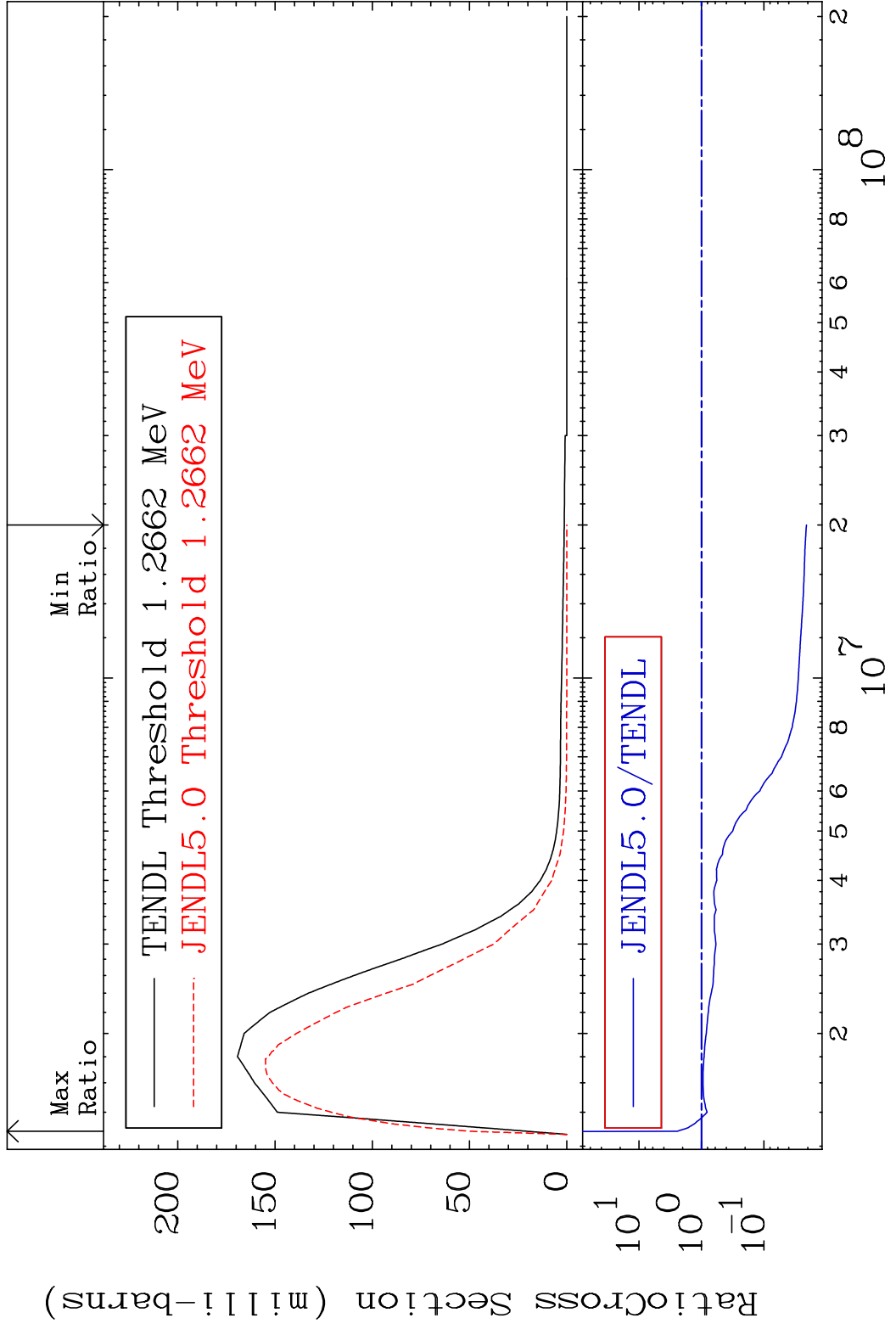
MAT 6437 MT= 59 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 309.3 %



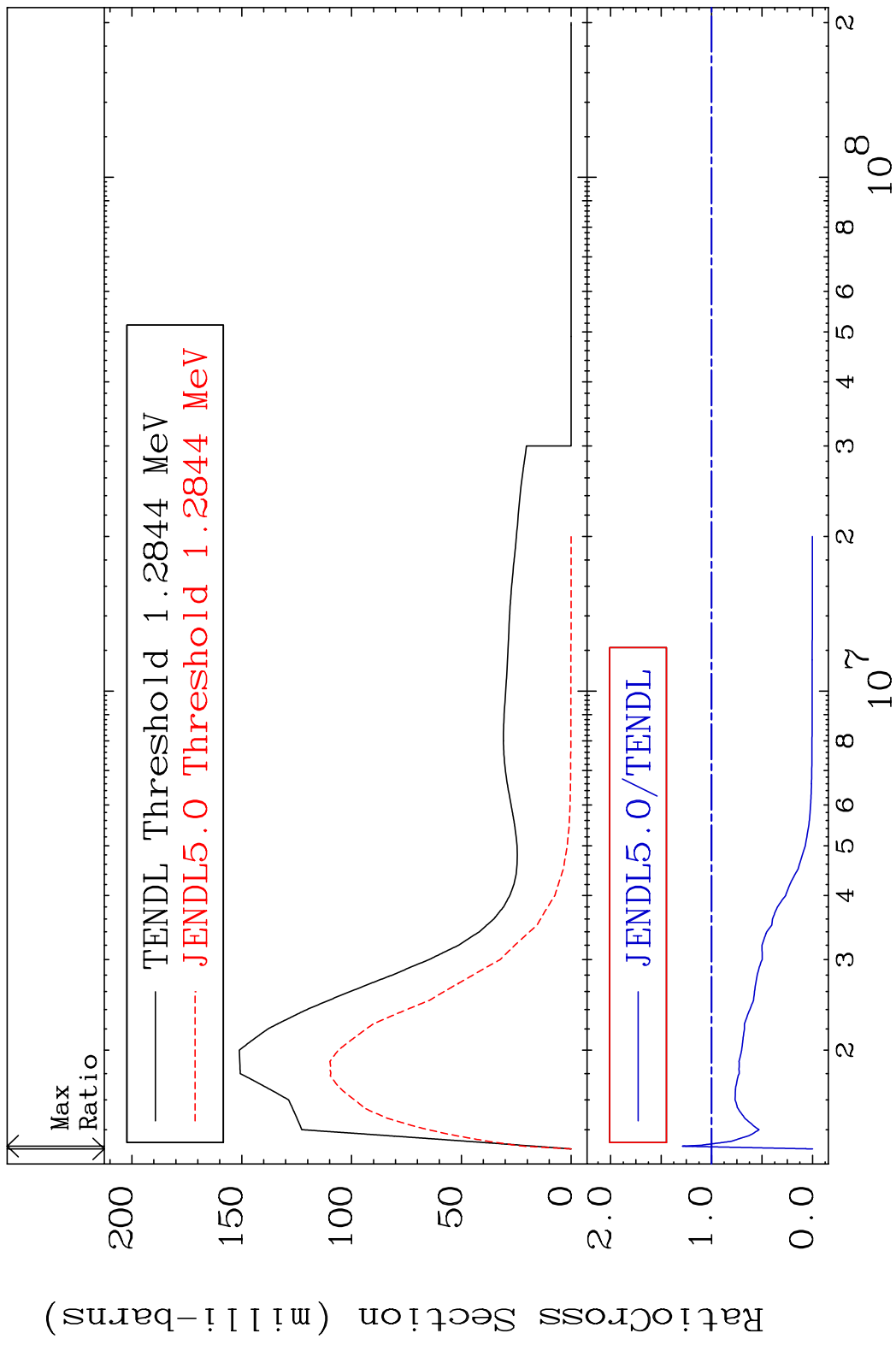
MAT 6437 MT= 60 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 9999. %



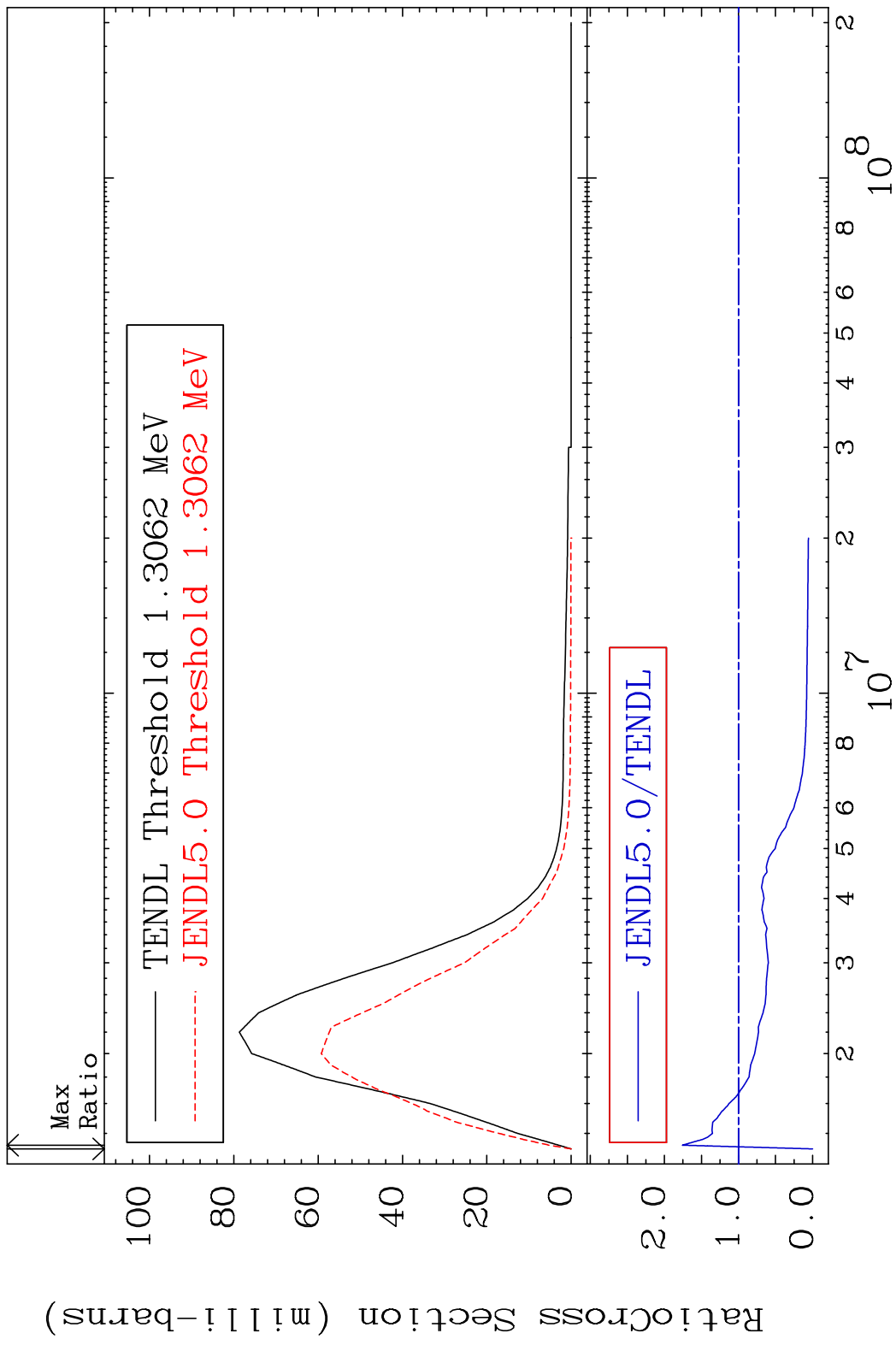
MAT 6437 MT= 61 (n, n') Level 64-Gd-156
 Cross Section -97.90 To 144.6 %



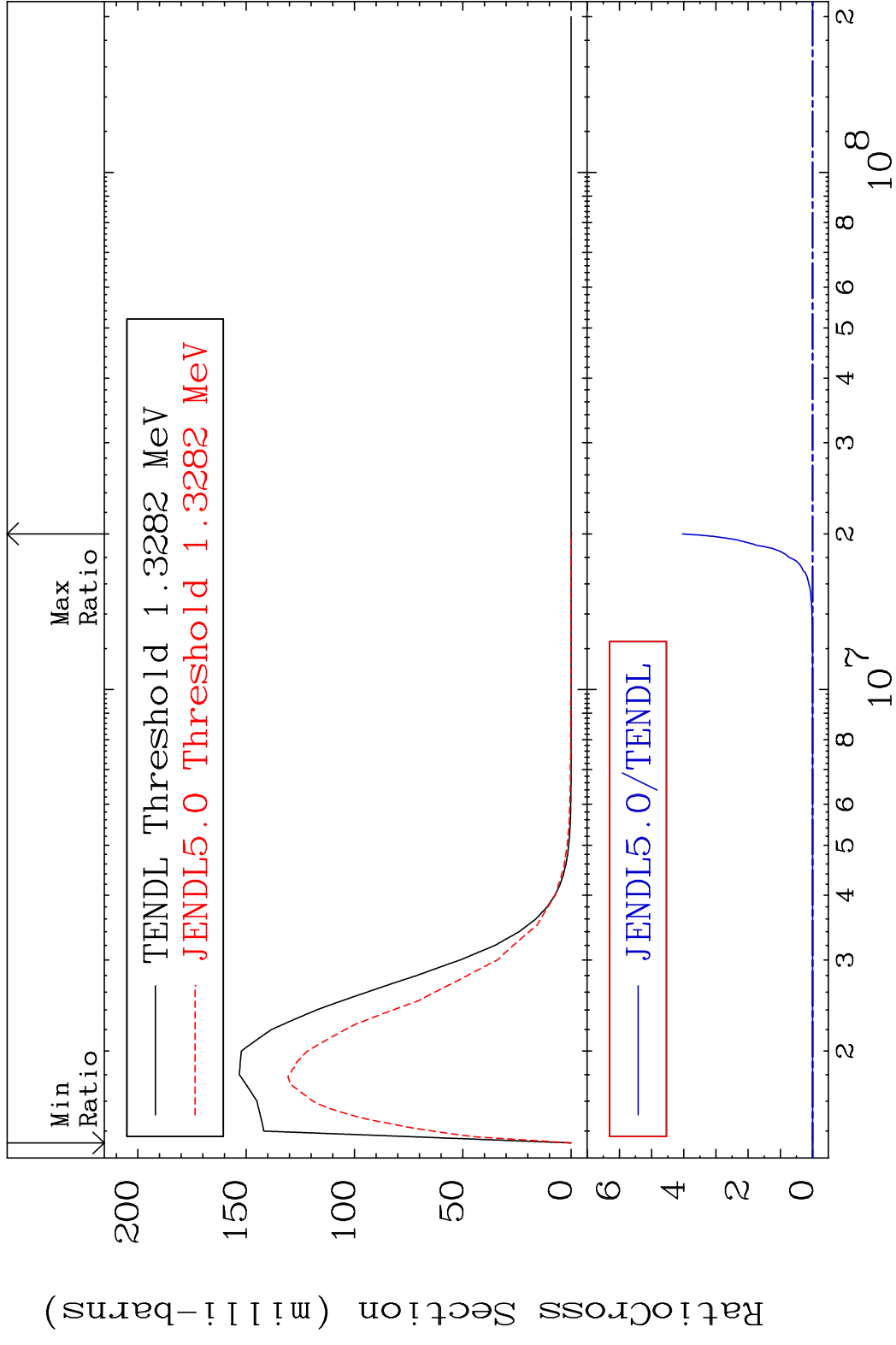
MAT 6437 MT= 62 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 28.98 %



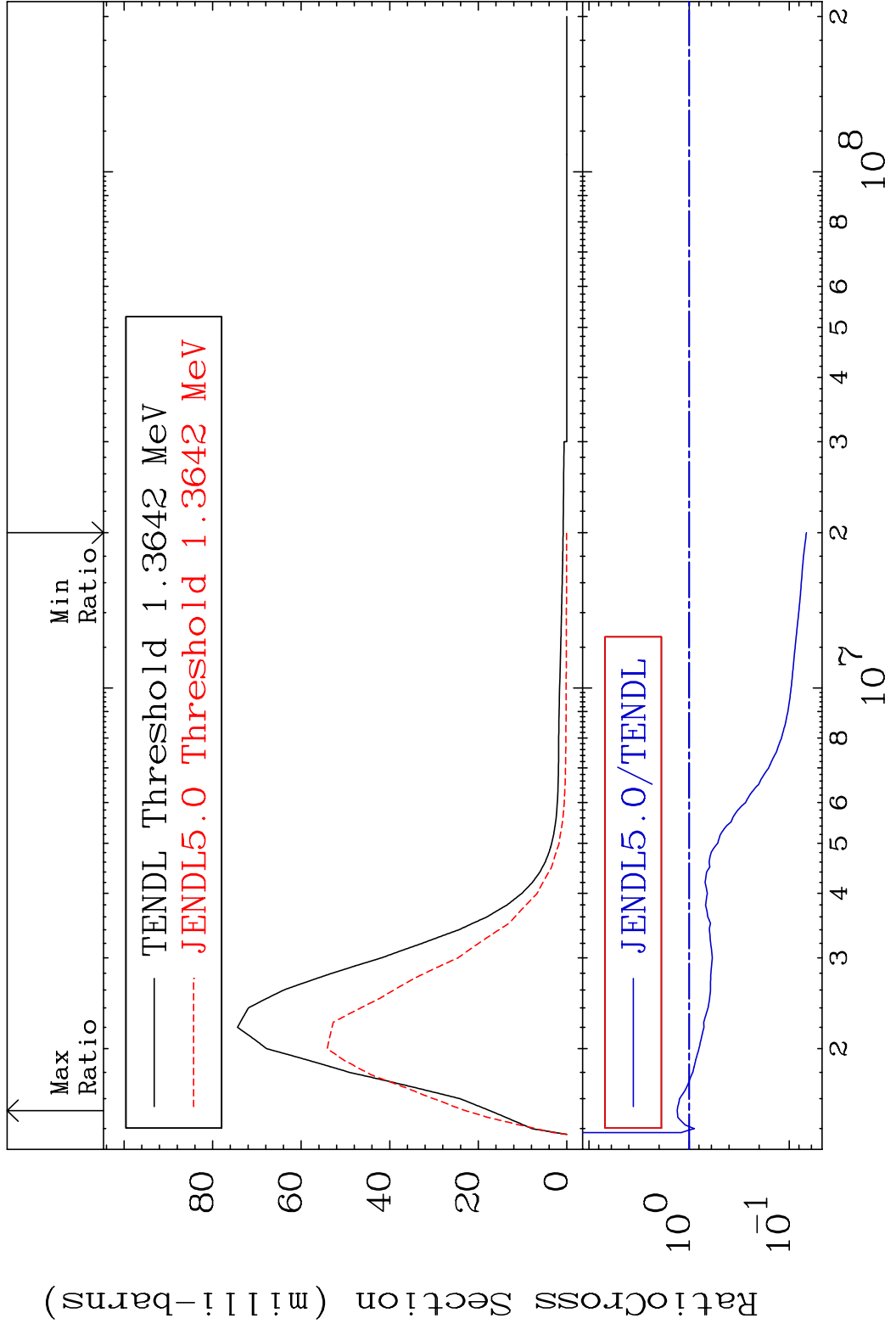
MAT 6437 MT= 63 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 75.78 %



MAT 6437 MT= 64 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 9999. %



MAT 6437 MT= 65 (n, n') Level 64-Gd-156
 Cross Section -93.26 To 31.64 %

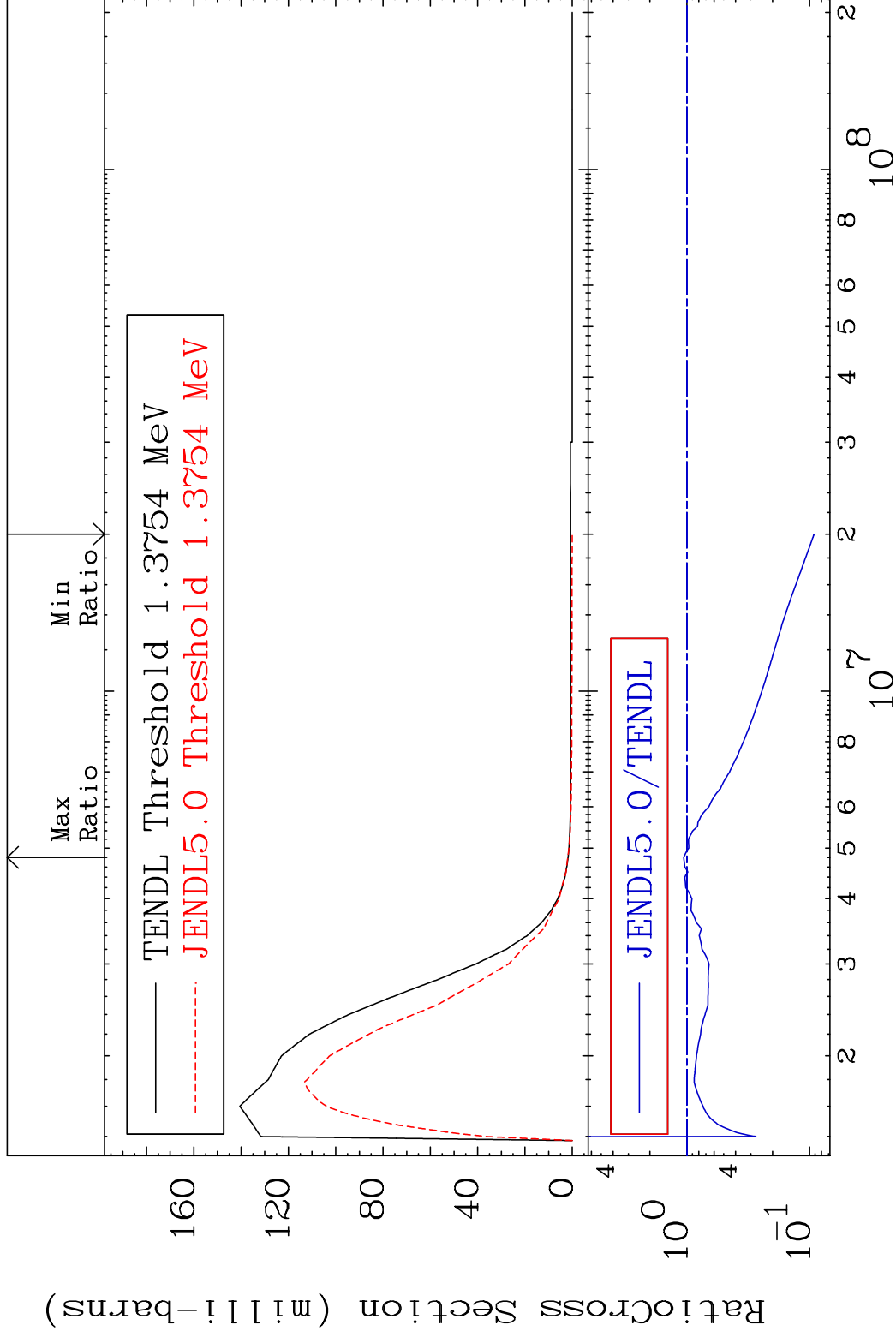


MAT 6437

MT= 66 (n, n') Level

64-Gd-156

Cross Section -90.83 To 6.229 %

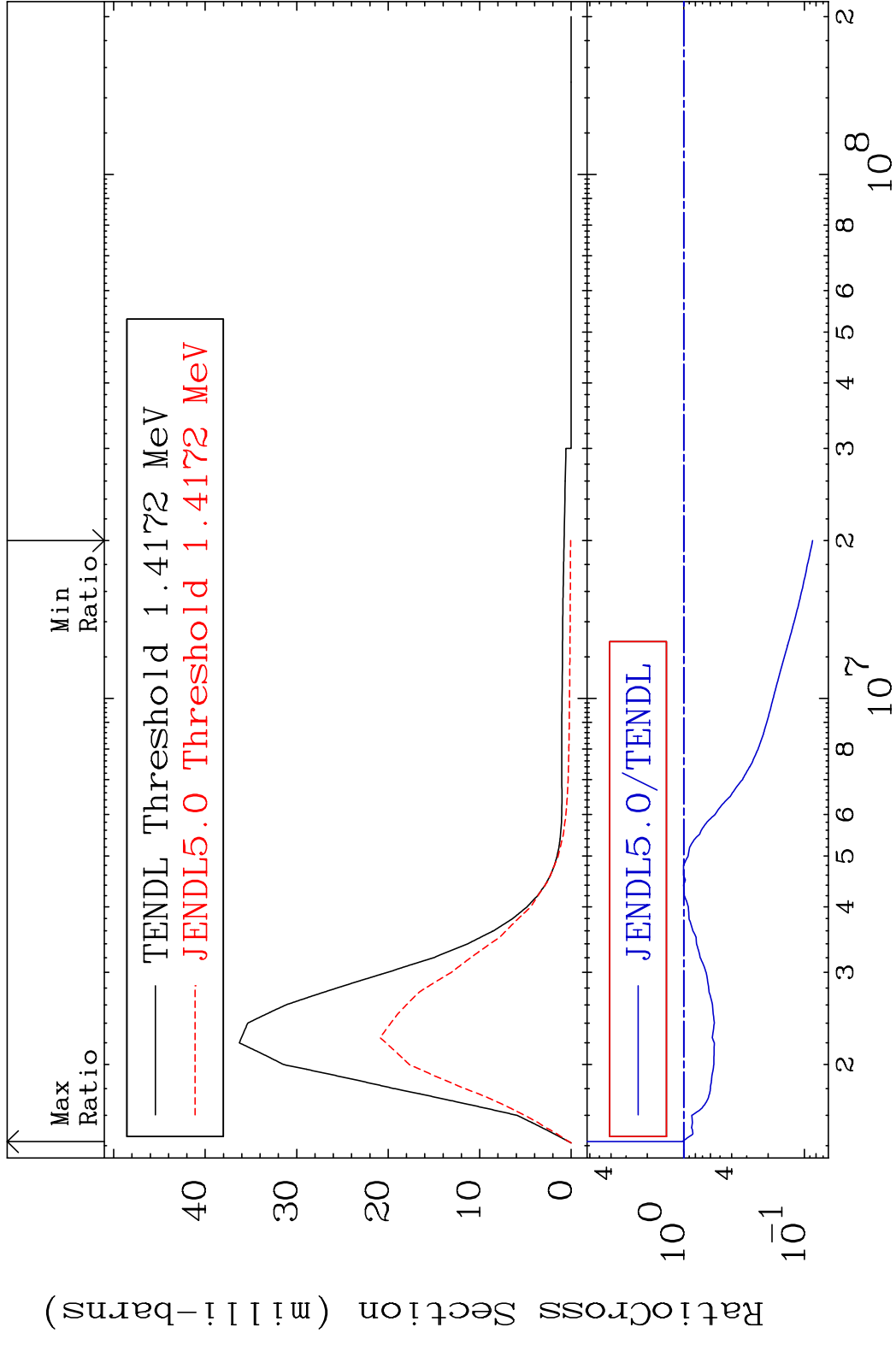


25

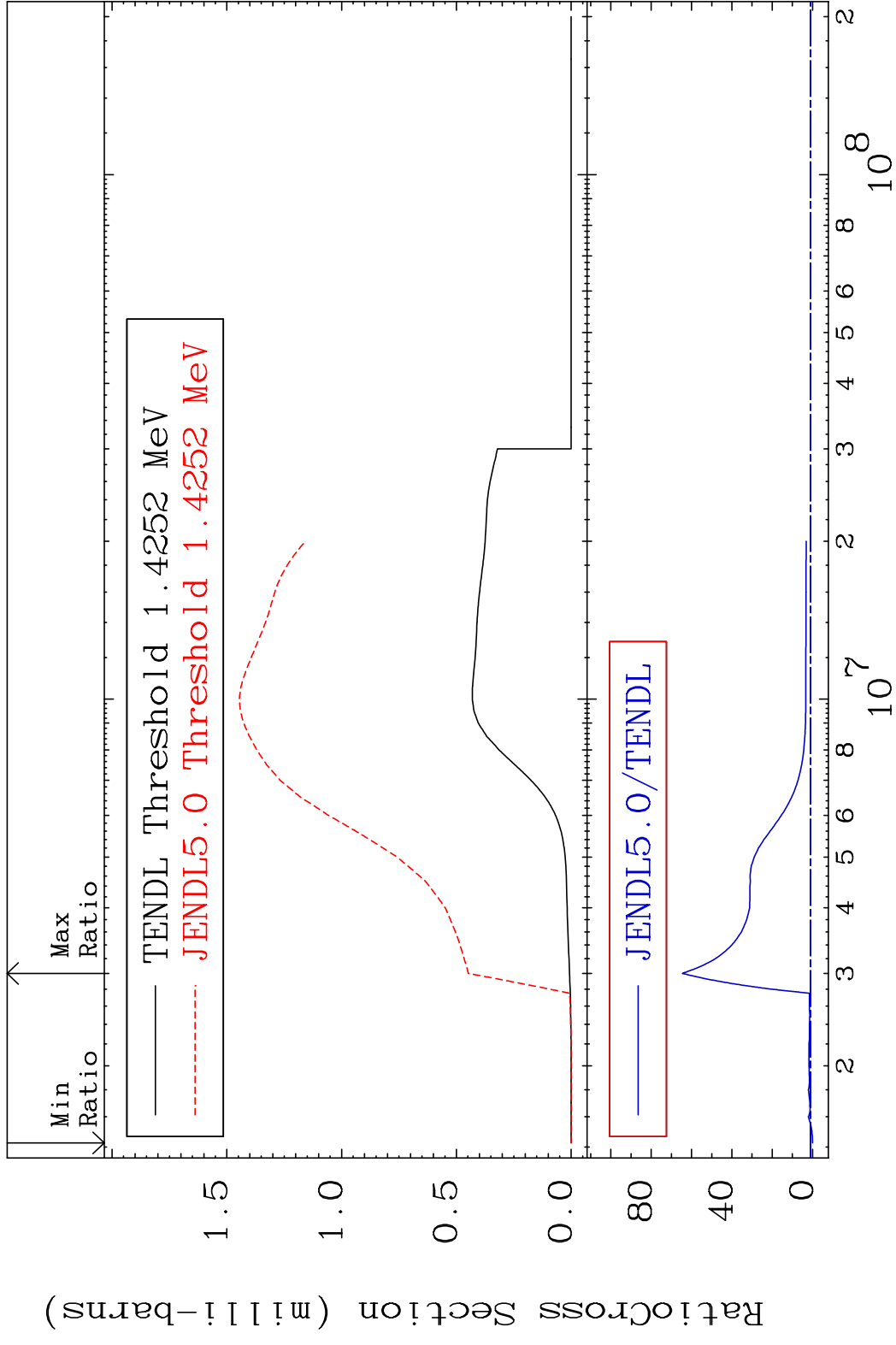
Incident Energy (eV)

64-Gd-156

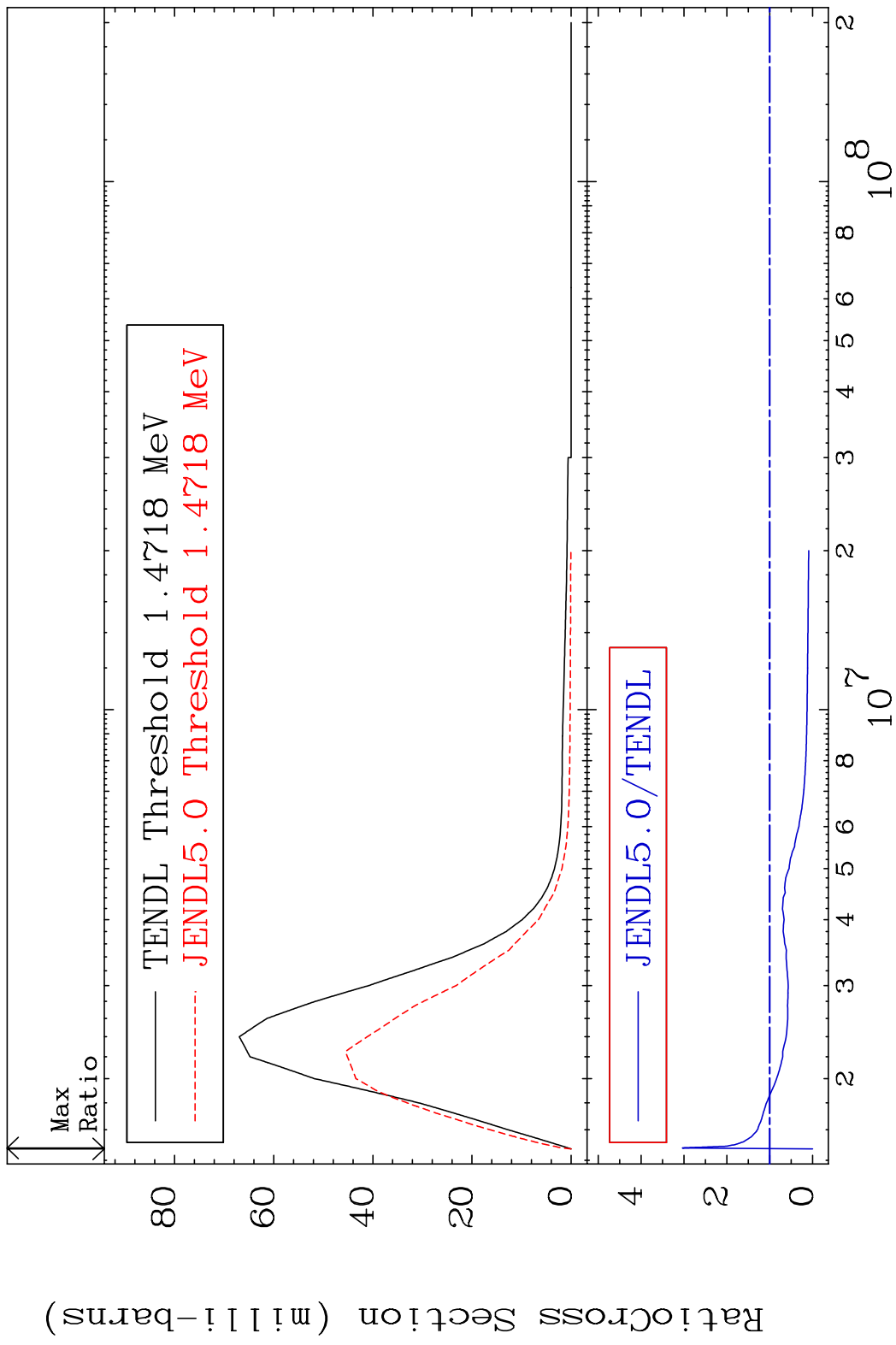
MAT 6437 MT= 67 (n,n') Level 64-Gd-156
 Cross Section -91.44 To 2.602 %



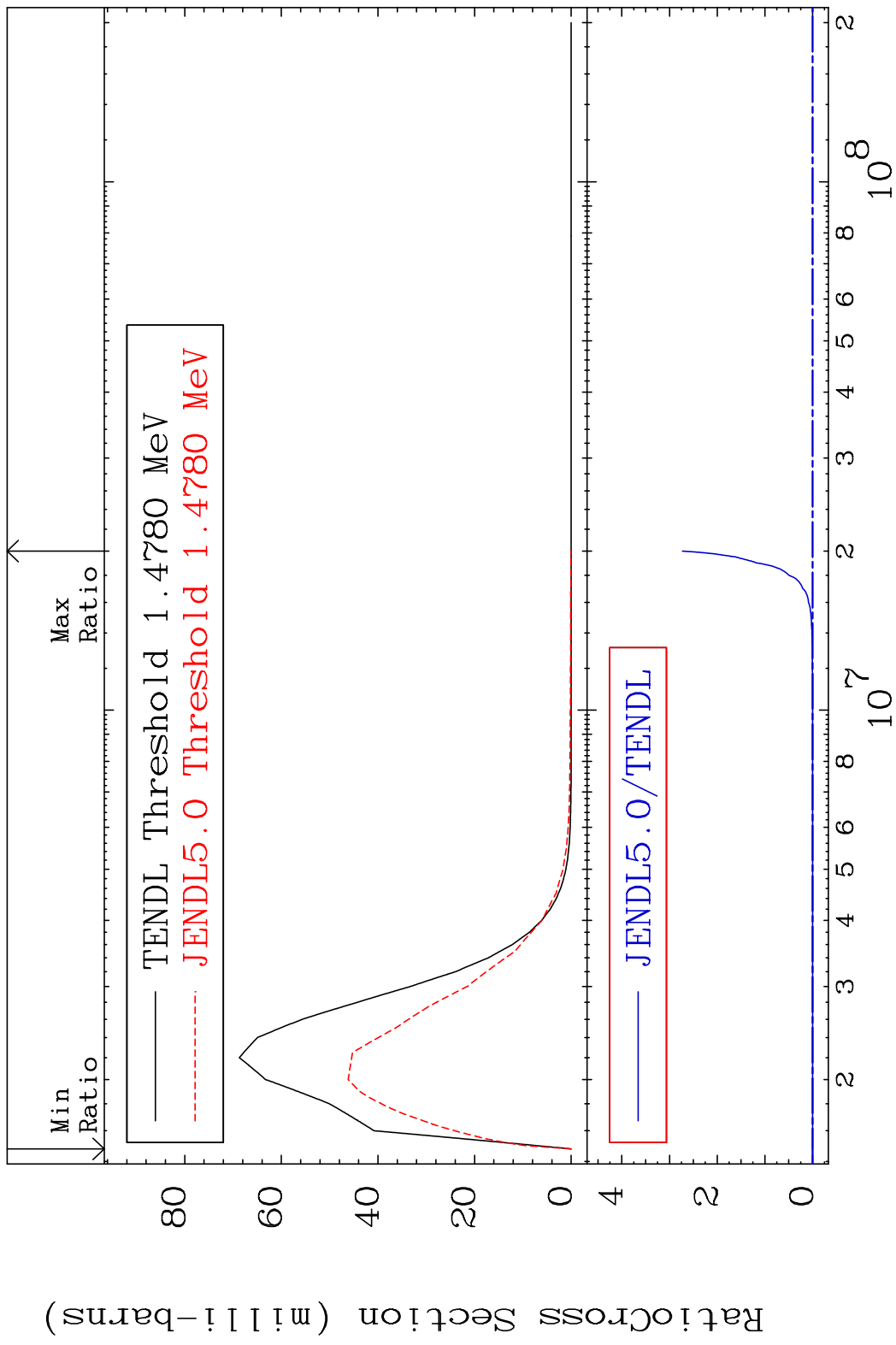
MAT 6437 MT= 68 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 6355. %



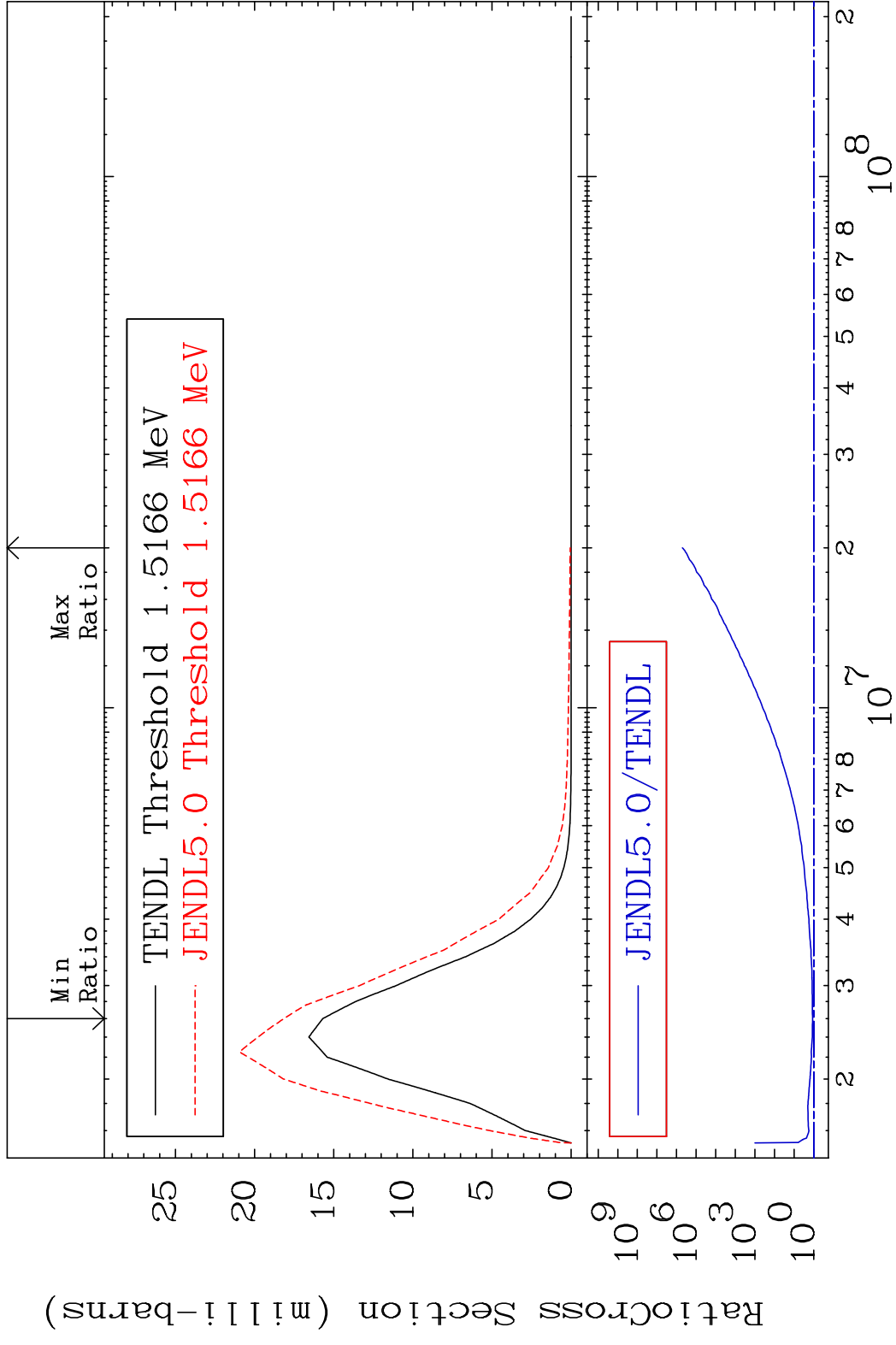
MAT 6437 MT= 69 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 203.8 %



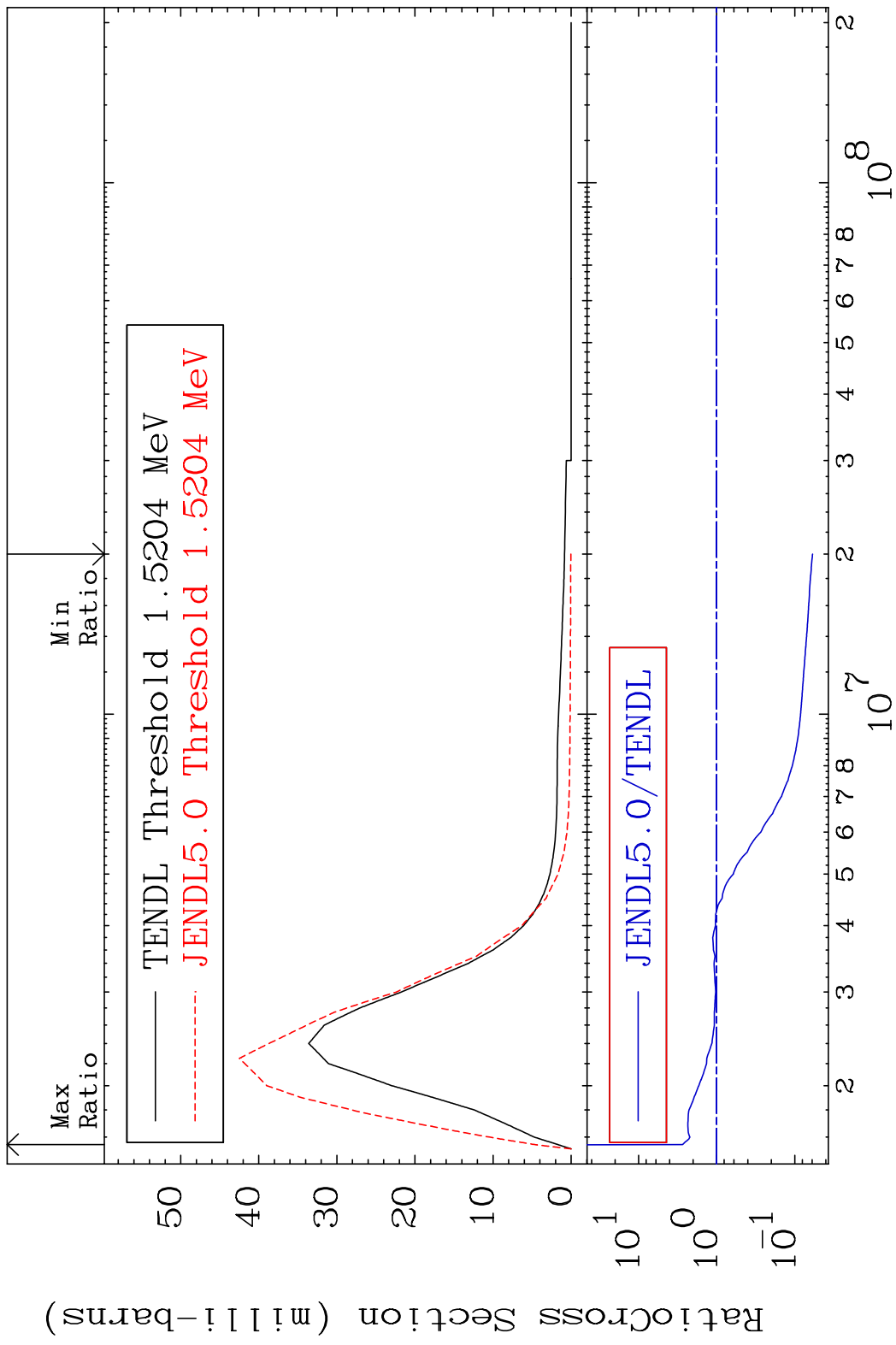
MAT 6437 MT= 70 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 9999. %



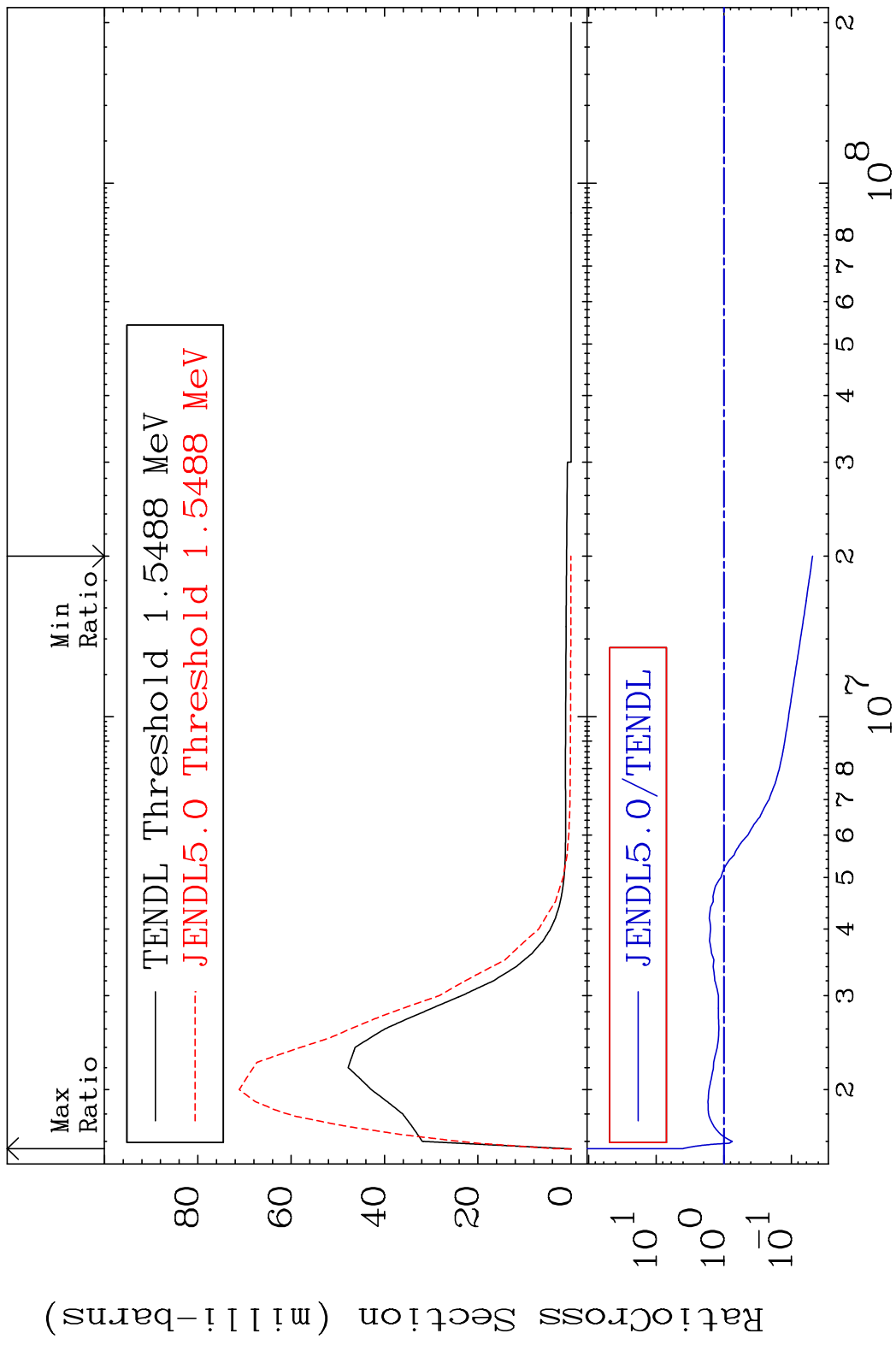
MAT 6437 MT= 71 (n, n') Level 64-Gd-156
 Cross Section 15.60 To 9999. %



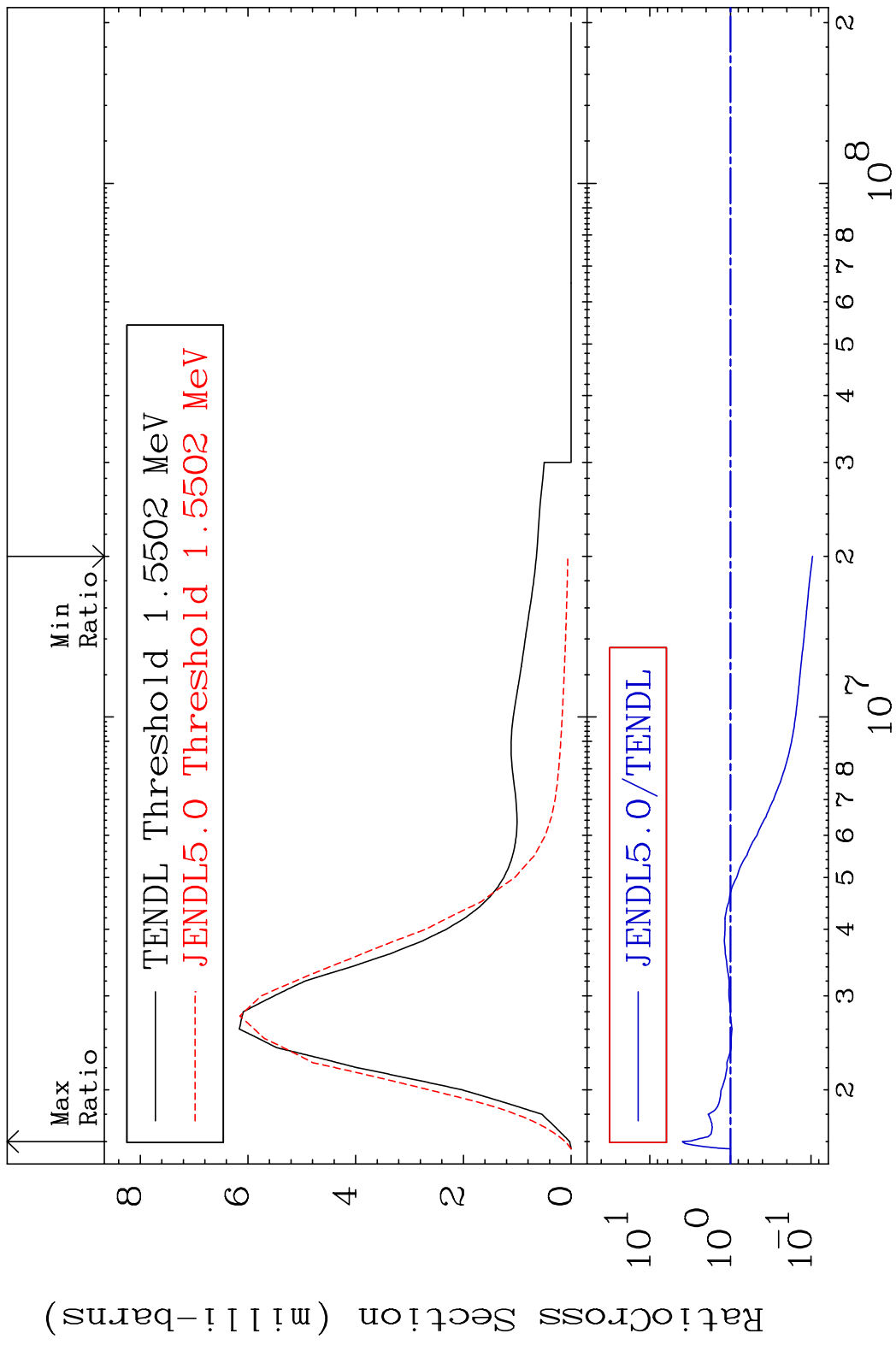
MAT 6437 MT= 72 (n,n') Level 64-Gd-156
 Cross Section -94.08 To 174.9 %



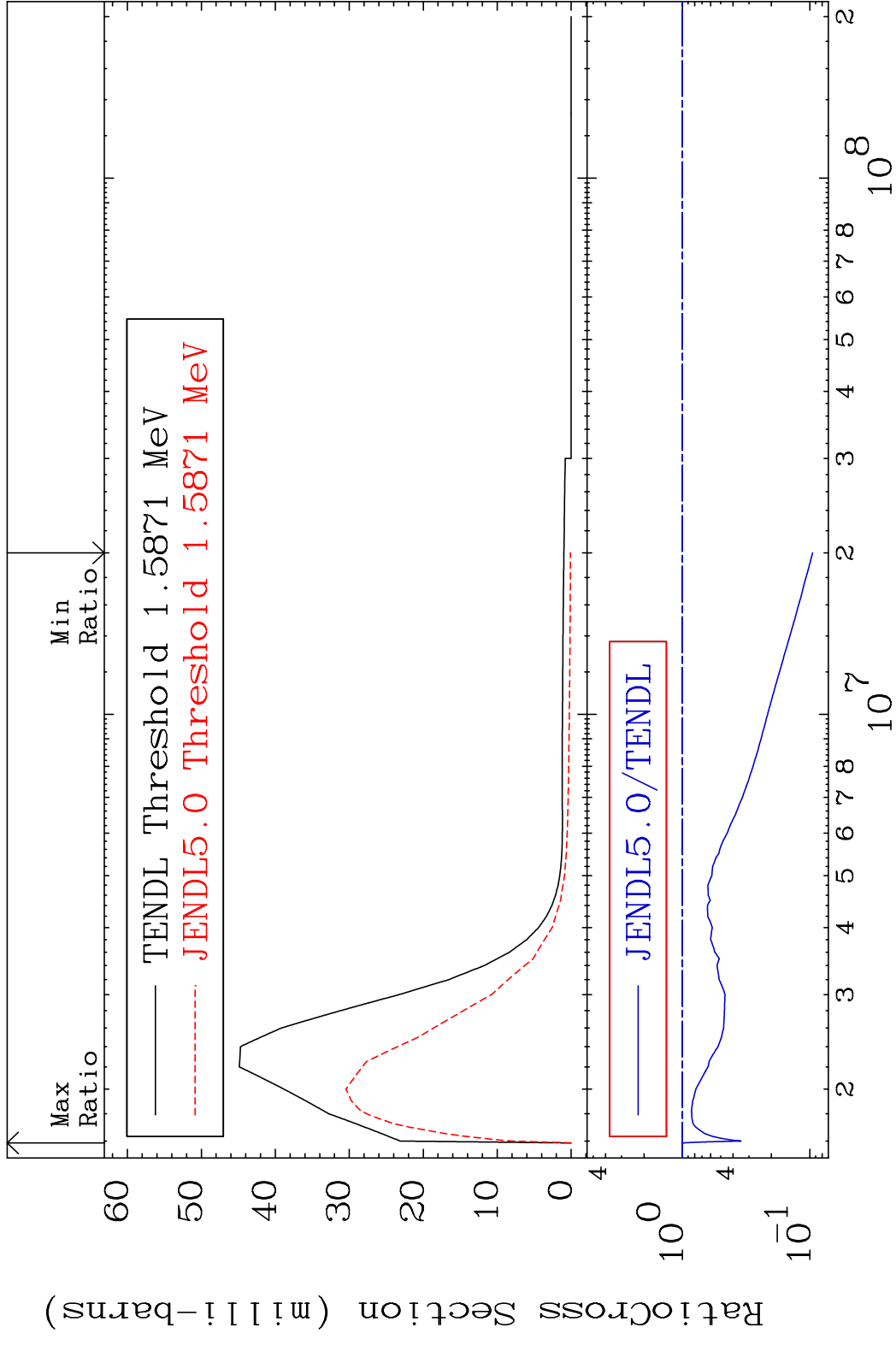
MAT 6437 MT= 73 (n, n') Level 64-Gd-156
 Cross Section -95.12 To 311.3 %



MAT 6437 MT= 74 (n,n') Level 64-Gd-156
 Cross Section -90.42 To 294.5 %

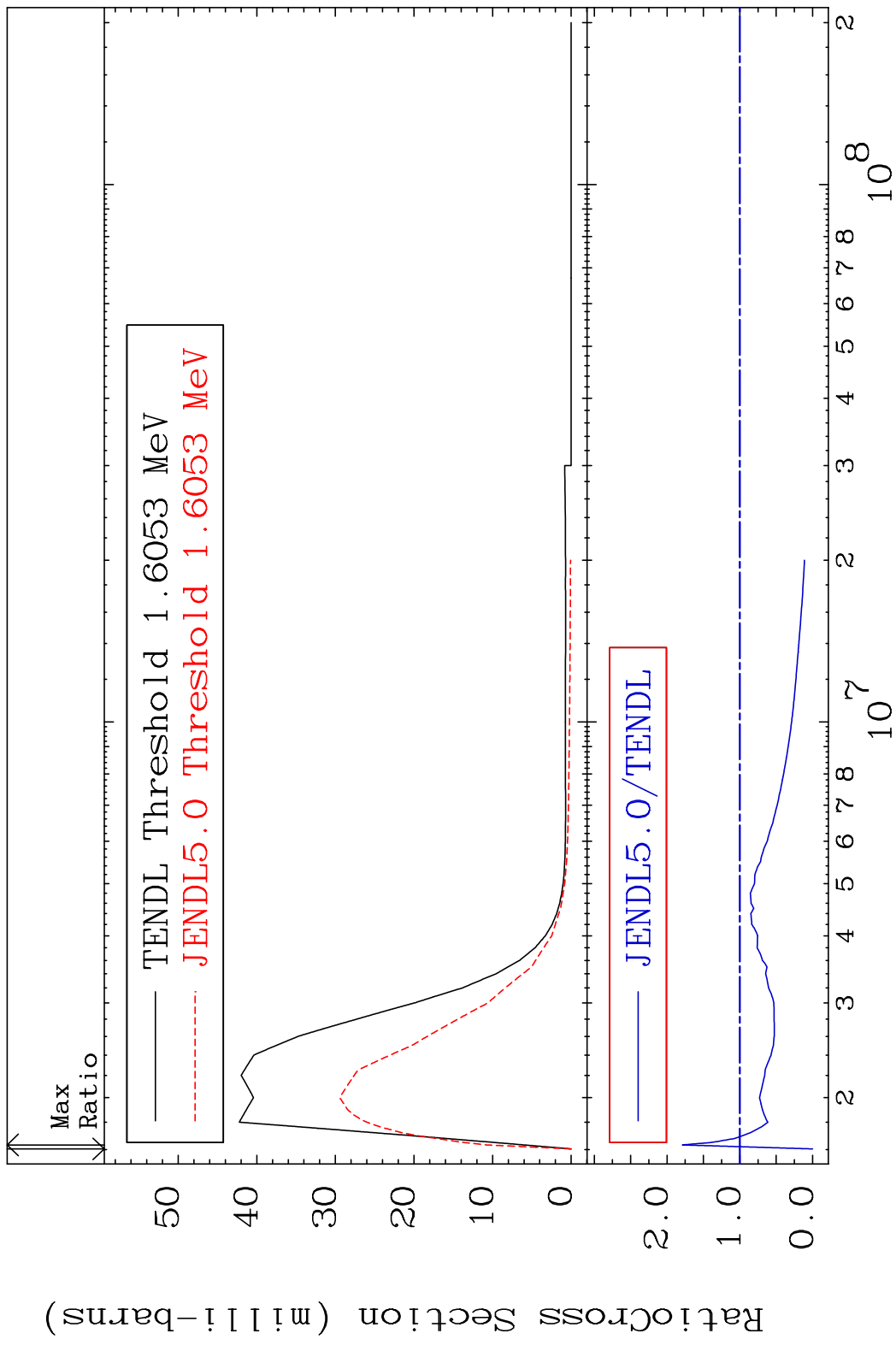


MAT 6437 MT= 75 (n,n') Level 64-Gd-156
 Cross Section -90.49 To 0.000 %

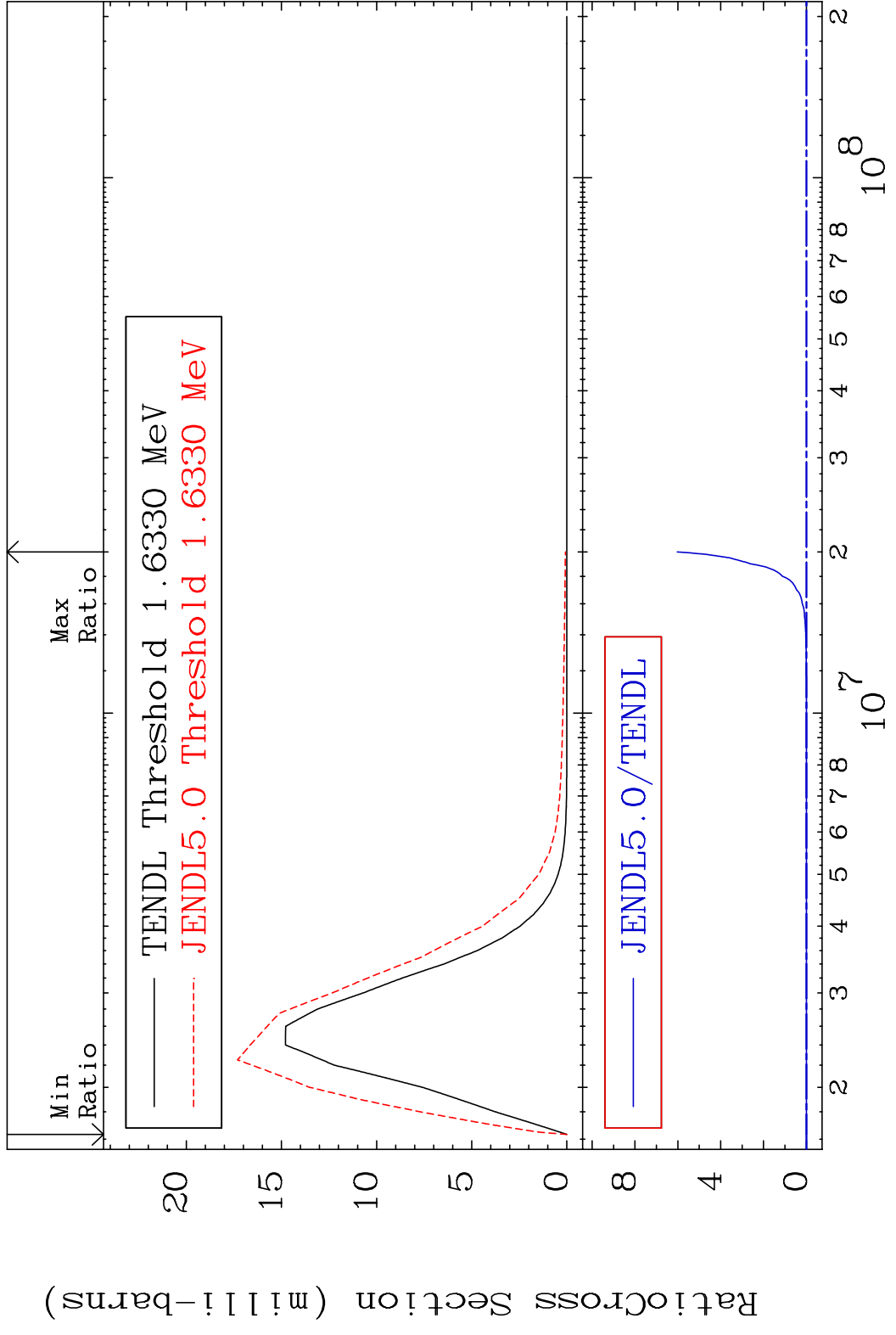


34 Incident Energy (eV) 64-Gd-156

MAT 6437 MT= 76 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 78.96 %



MAT 6437 MT= 77 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 9999. %

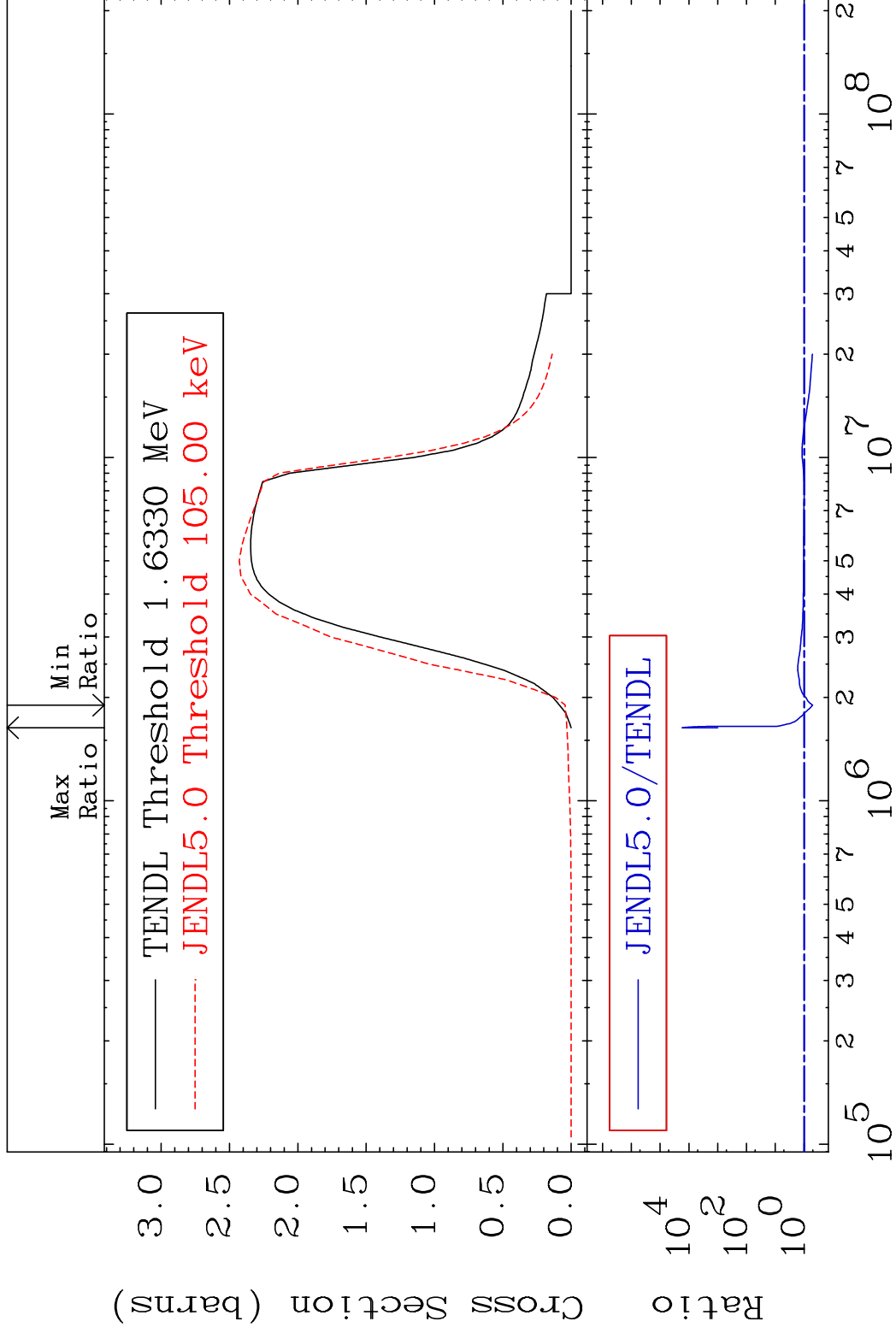


MAT 6437

(n, n') Continuum

64-Gd-156

Cross Section -49.27 To 9999. %



37

Incident Energy (eV)

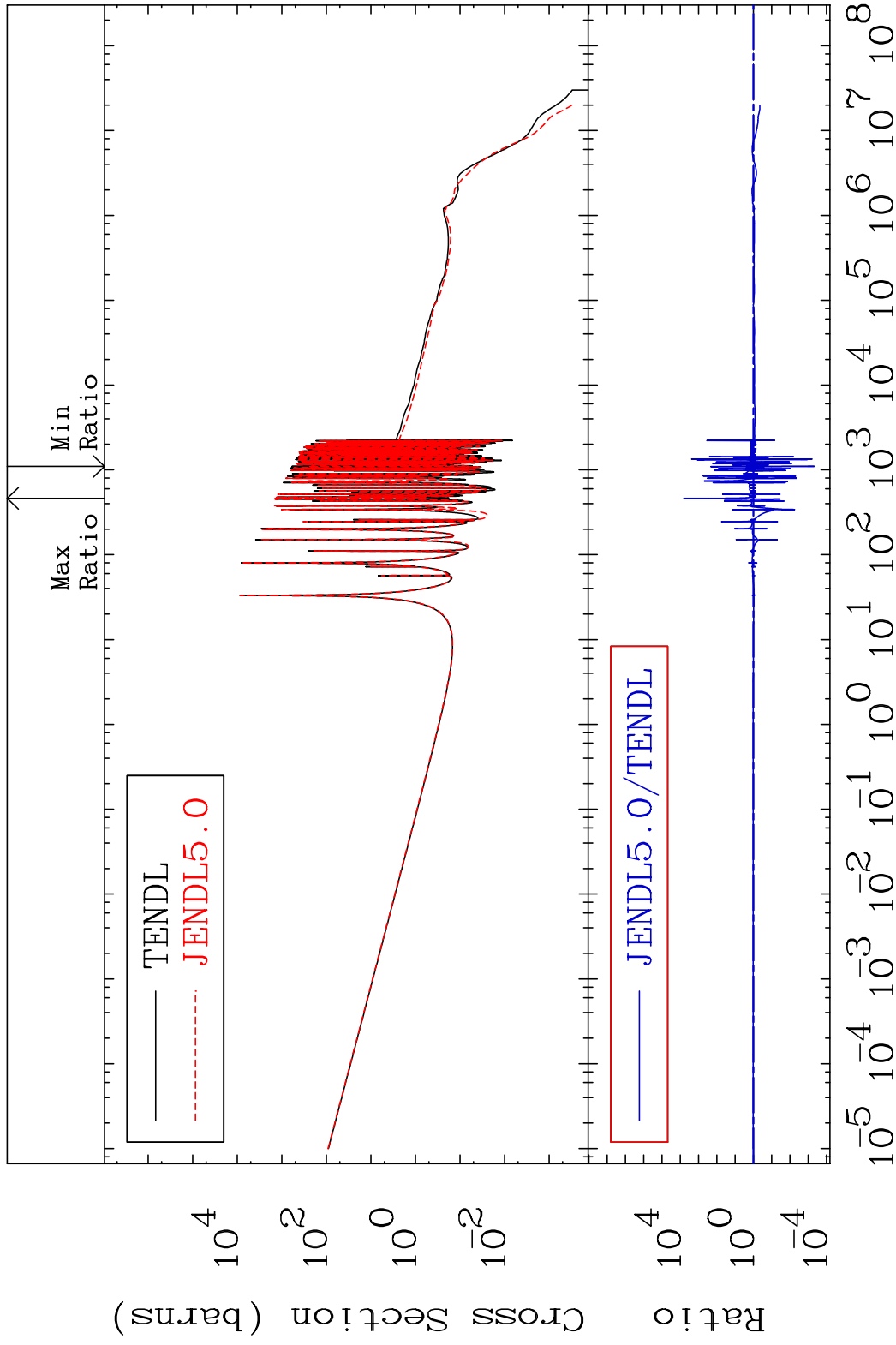
64-Gd-156

MAT 6437

(n, γ)

64-Gd-156

Cross Section -99.95 To 9999. %



38

Incident Energy (eV)

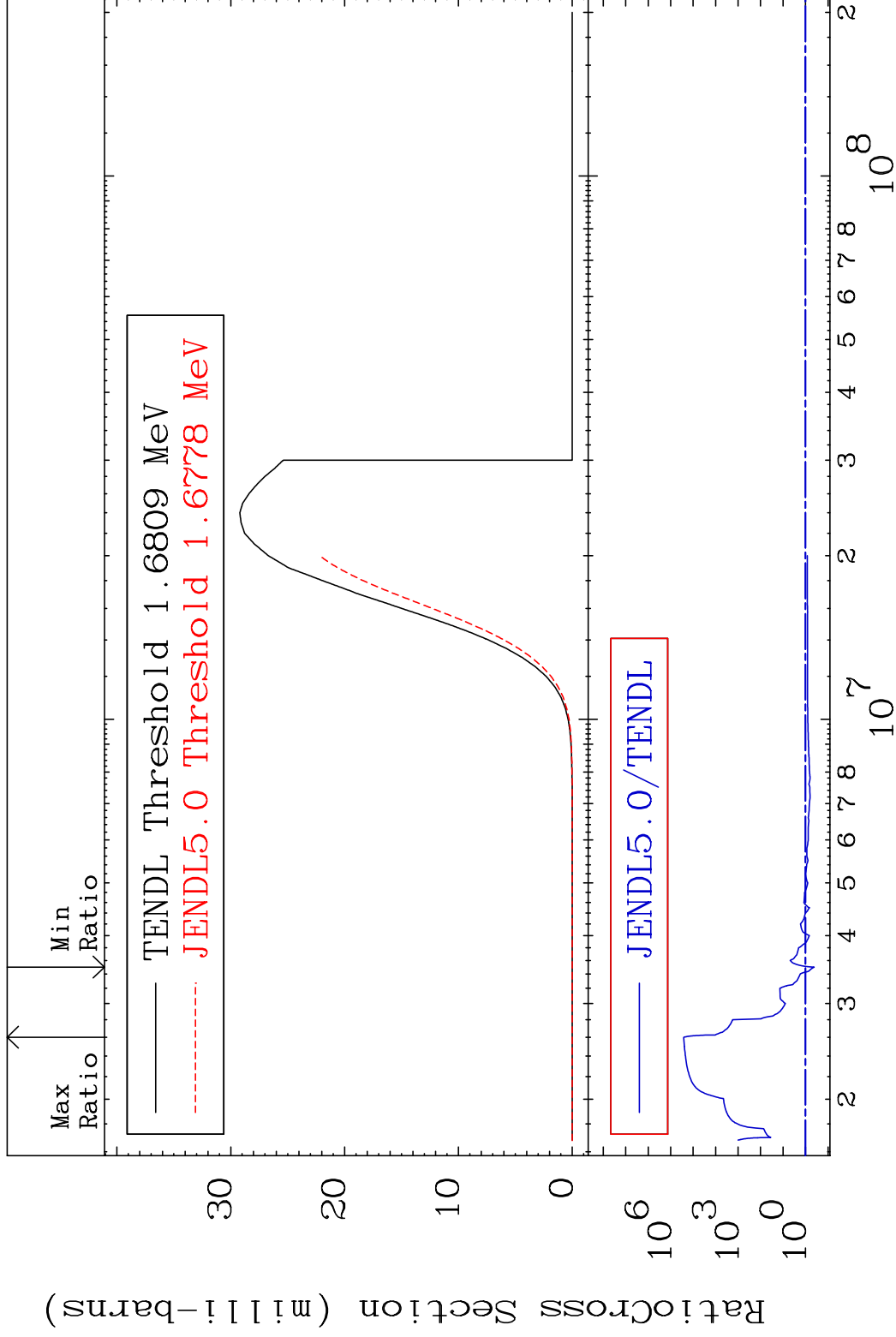
64-Gd-156

MAT 6437

(n,p)

64-Gd-156

Cross Section -58.53 To 9999. %



39

Incident Energy (eV)

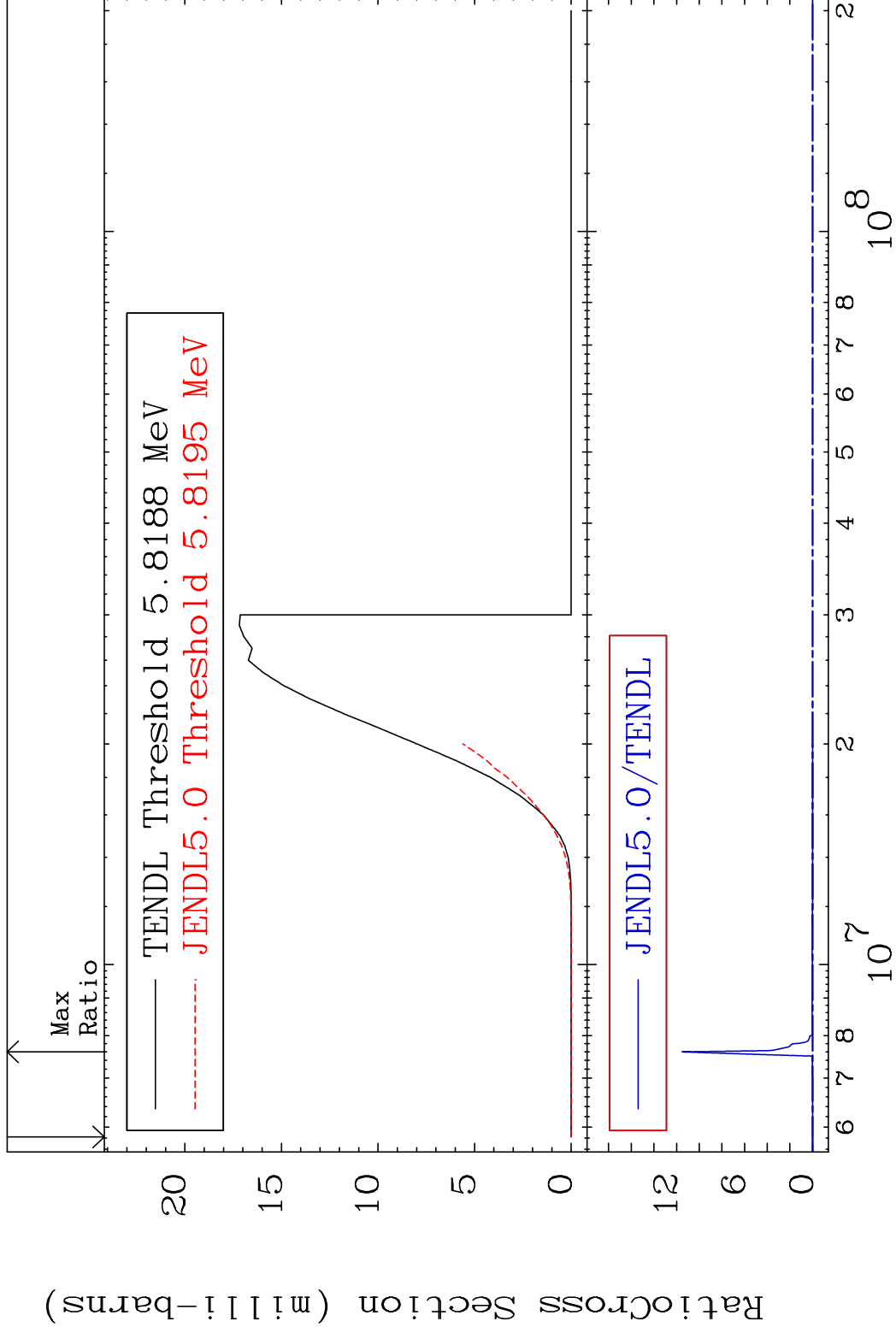
64-Gd-156

MAT 6437

(n,d)

64-Gd-156

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

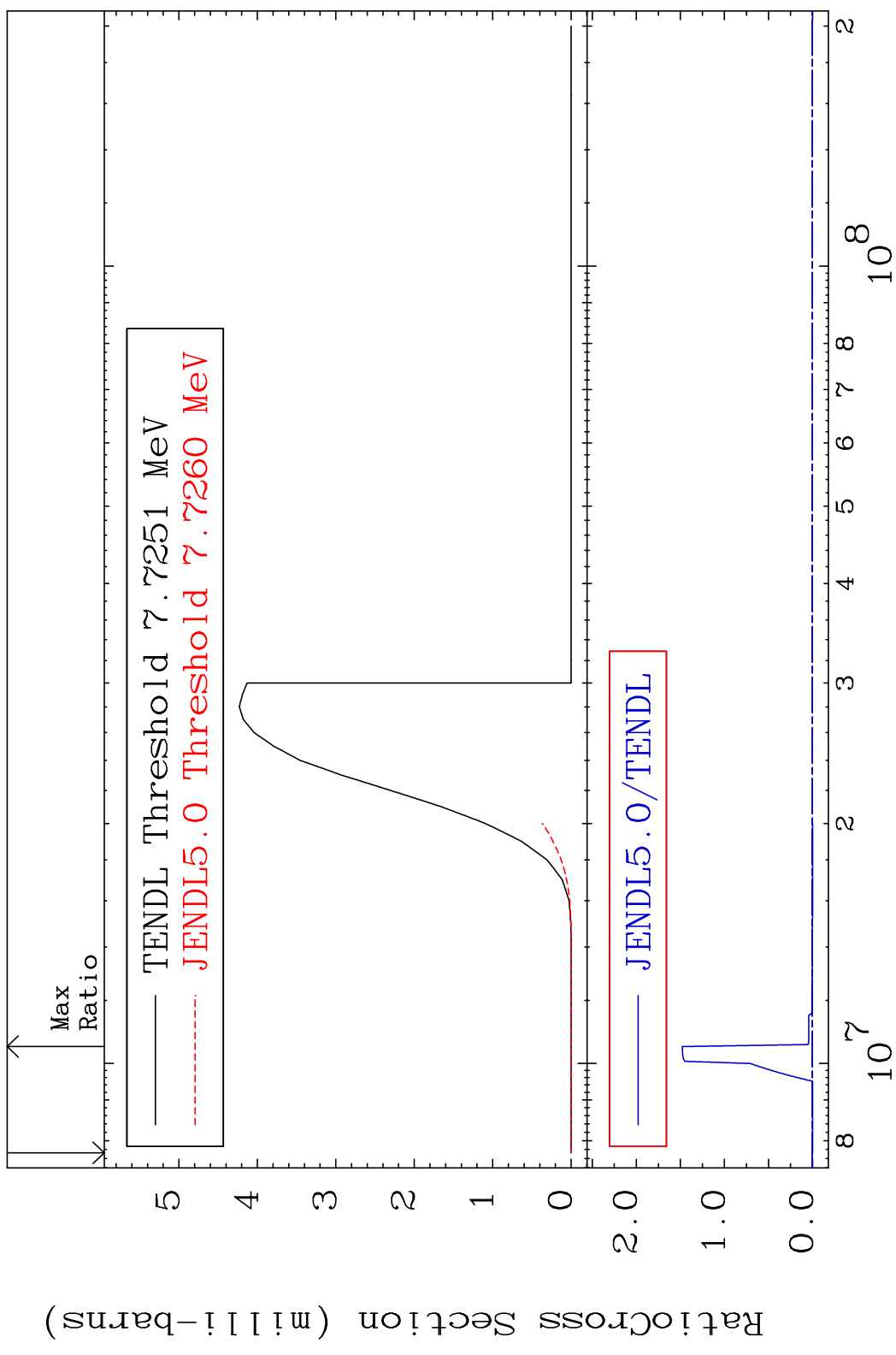
64-Gd-156

MAT 6437

(n, t)

64-Gd-156

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

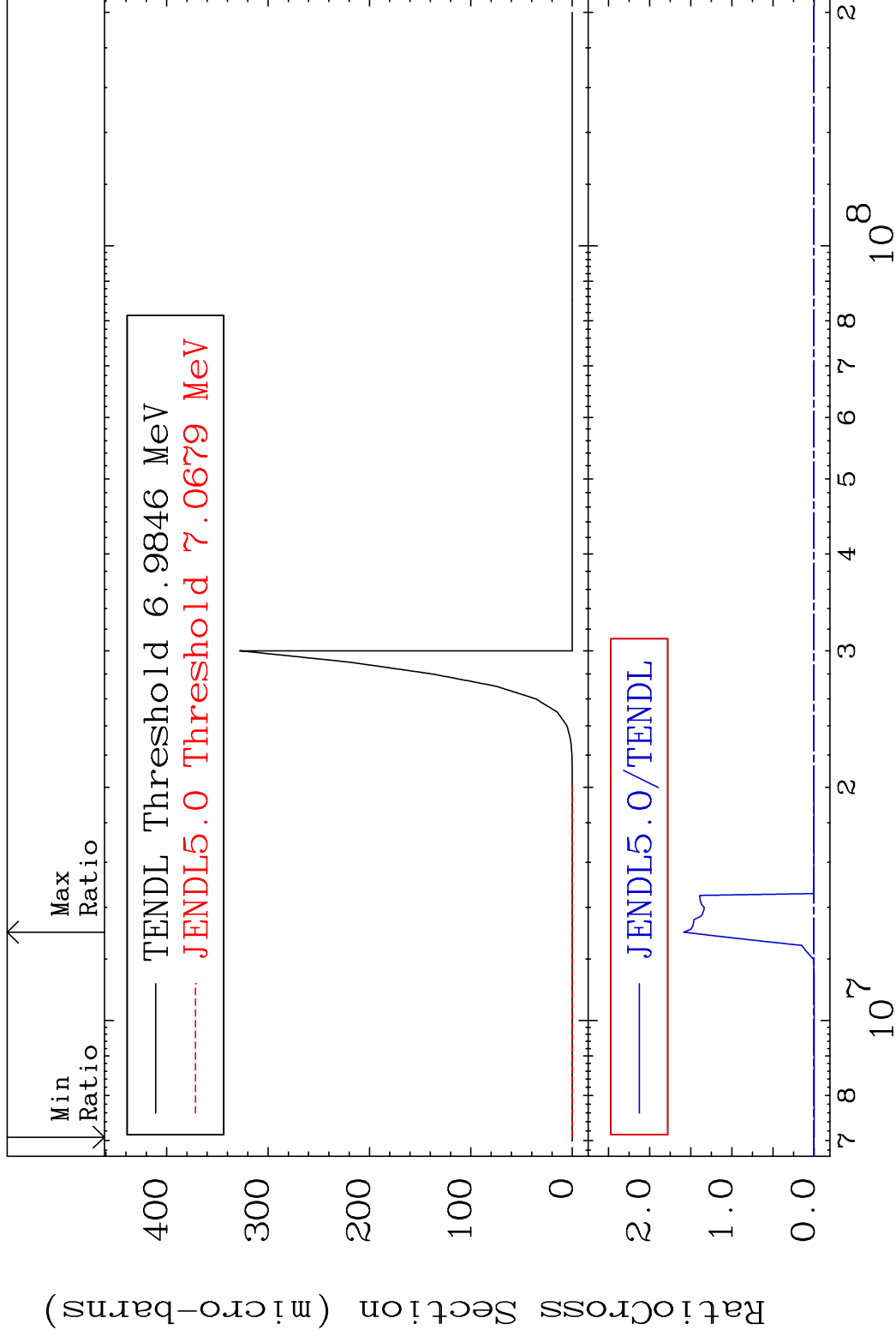
64-Gd-156

MAT 6437

(n, He-3)

64-Gd-156

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

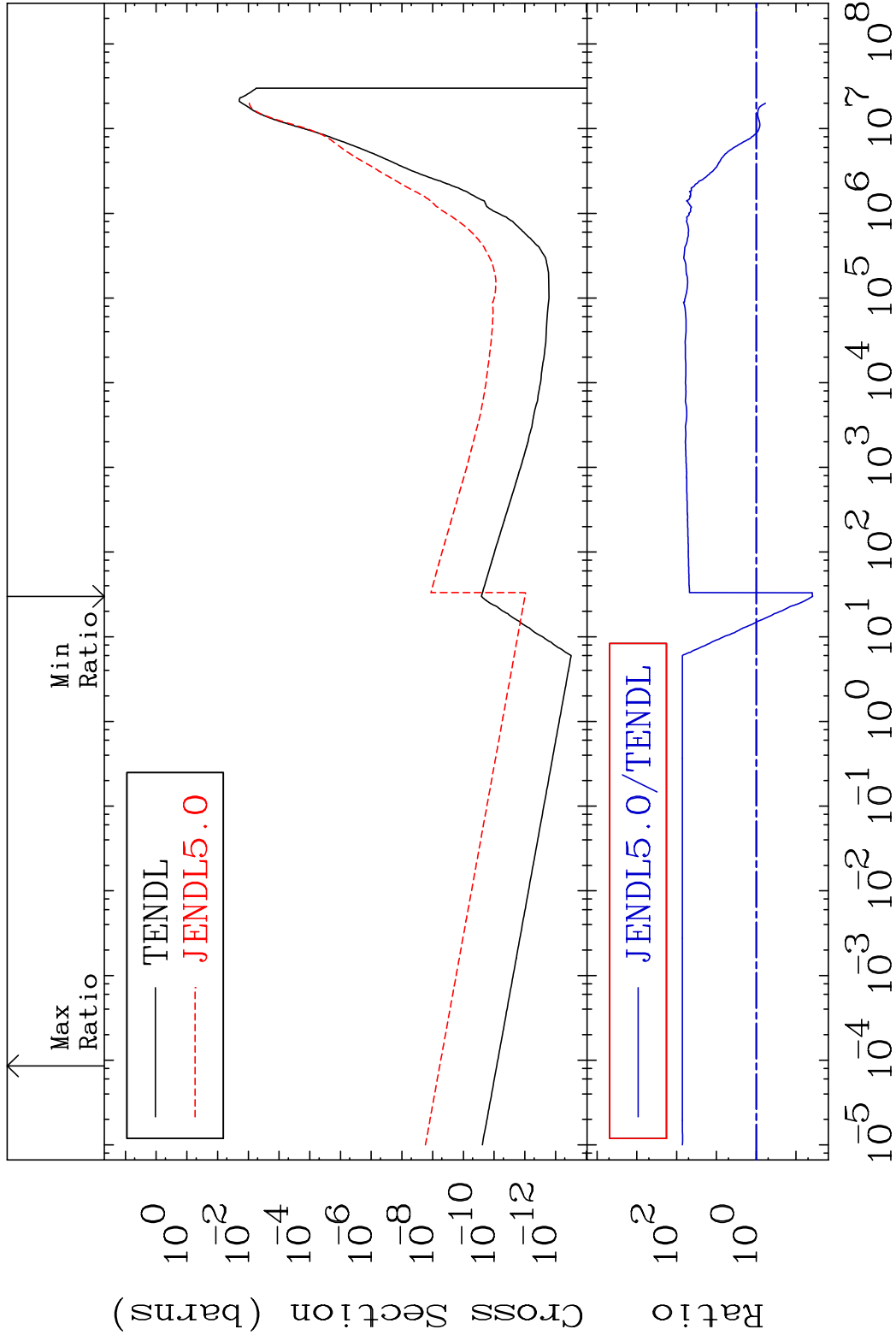
64-Gd-156

MAT 6437

(n, α)

64-Gd-156

Cross Section -96.17 To 7071. %



43

Incident Energy (eV)

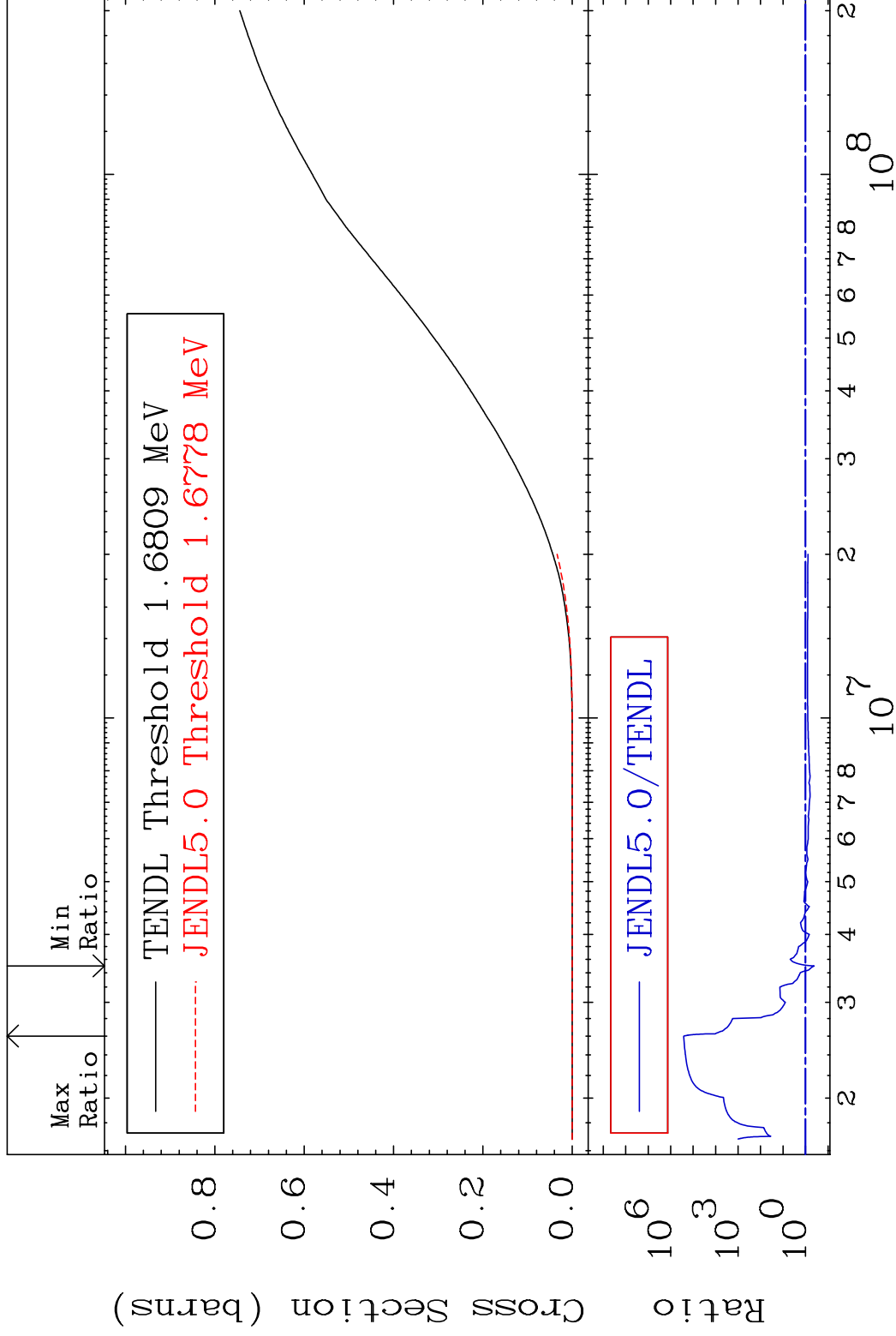
64-Gd-156

MAT 6437

Hydrogen Production

64-Gd-156

Cross Section -58.53 To 9999. %



44

Incident Energy (eV)

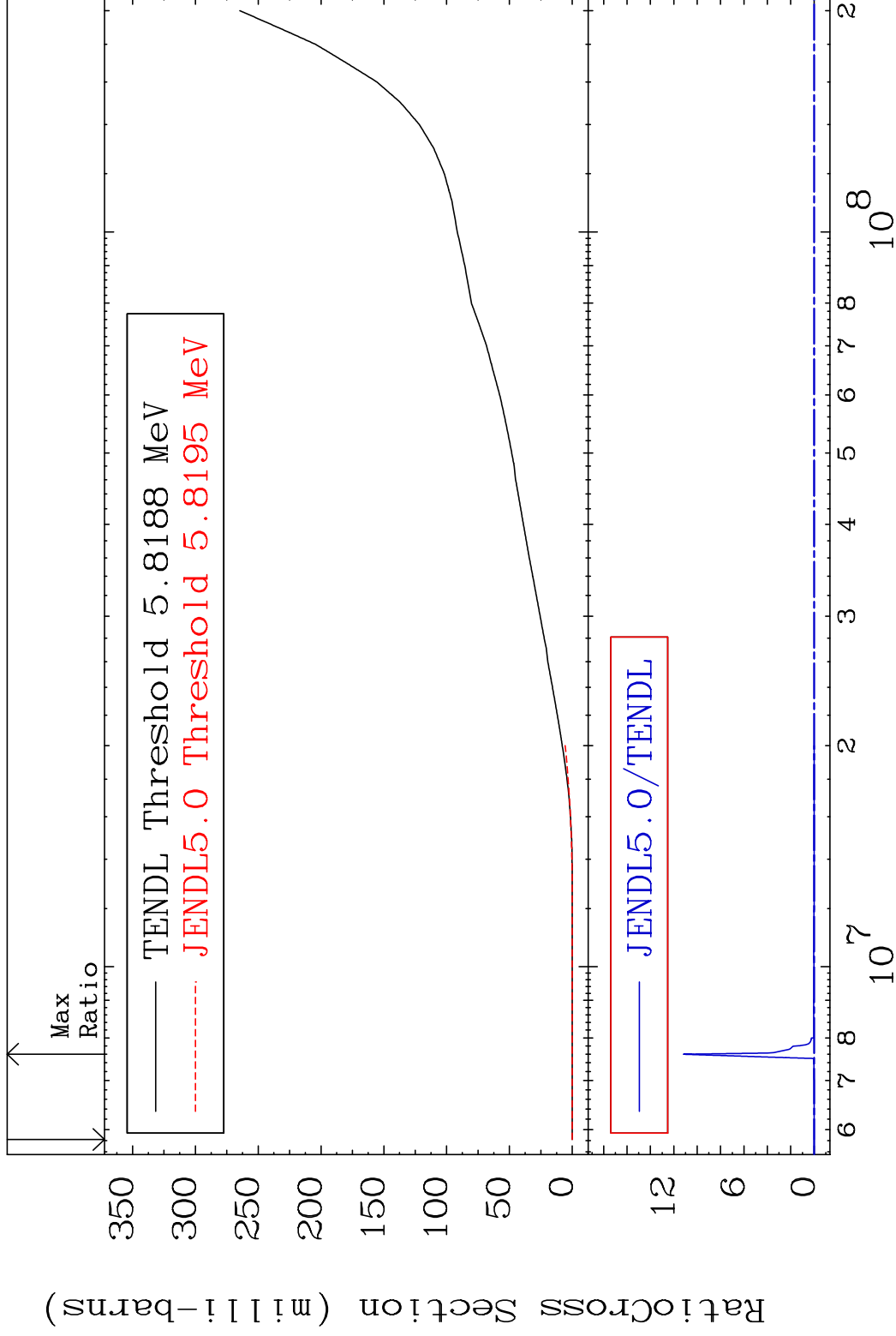
64-Gd-156

MAT 6437

Deuterium Production

64-Gd-156

Cross Section -100.0 To 9999. %

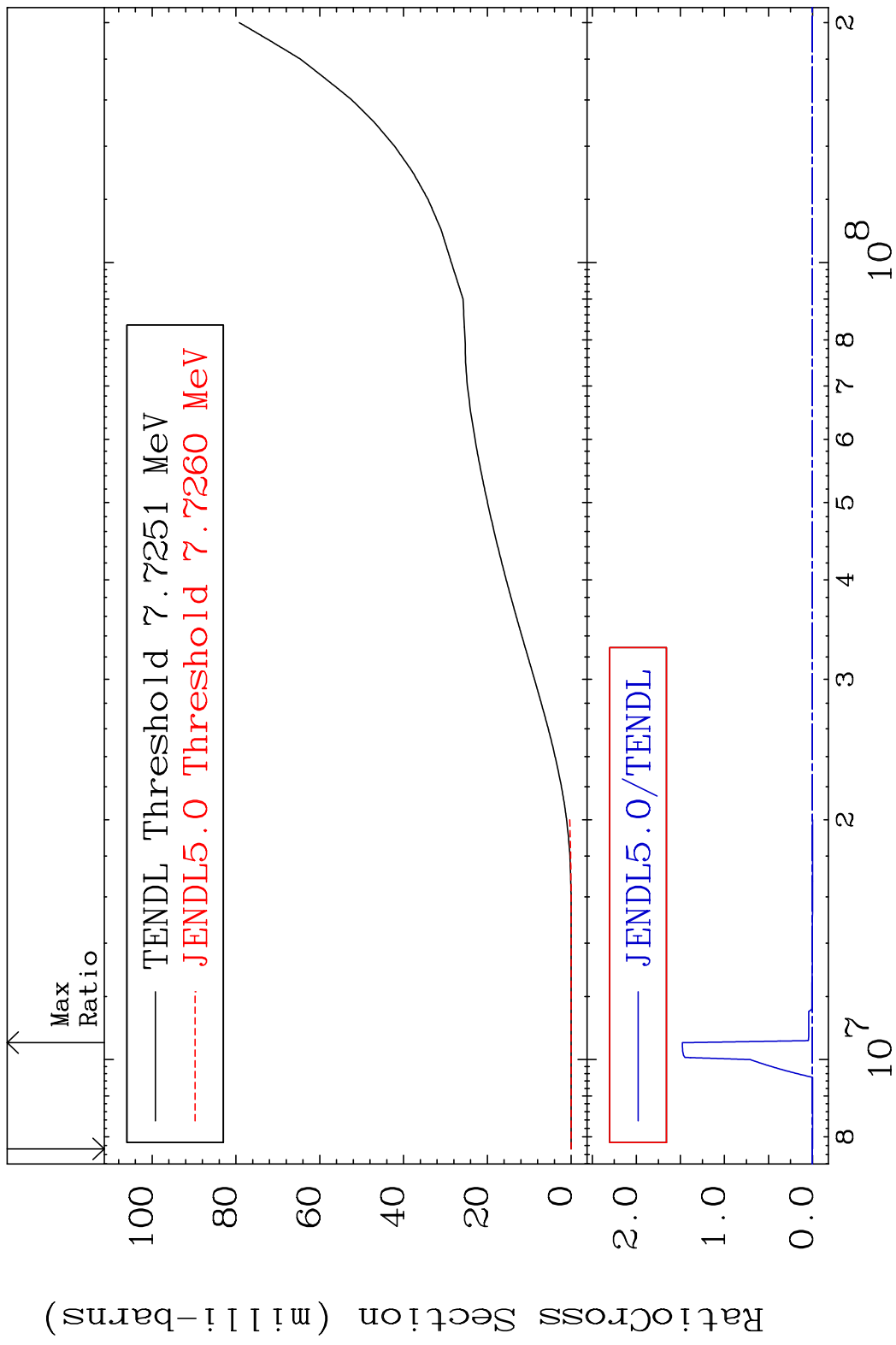


45

Incident Energy (eV)

64-Gd-156

MAT 6437 Tritium Production 64-Gd-156
Cross Section -100.0 To 9999. %

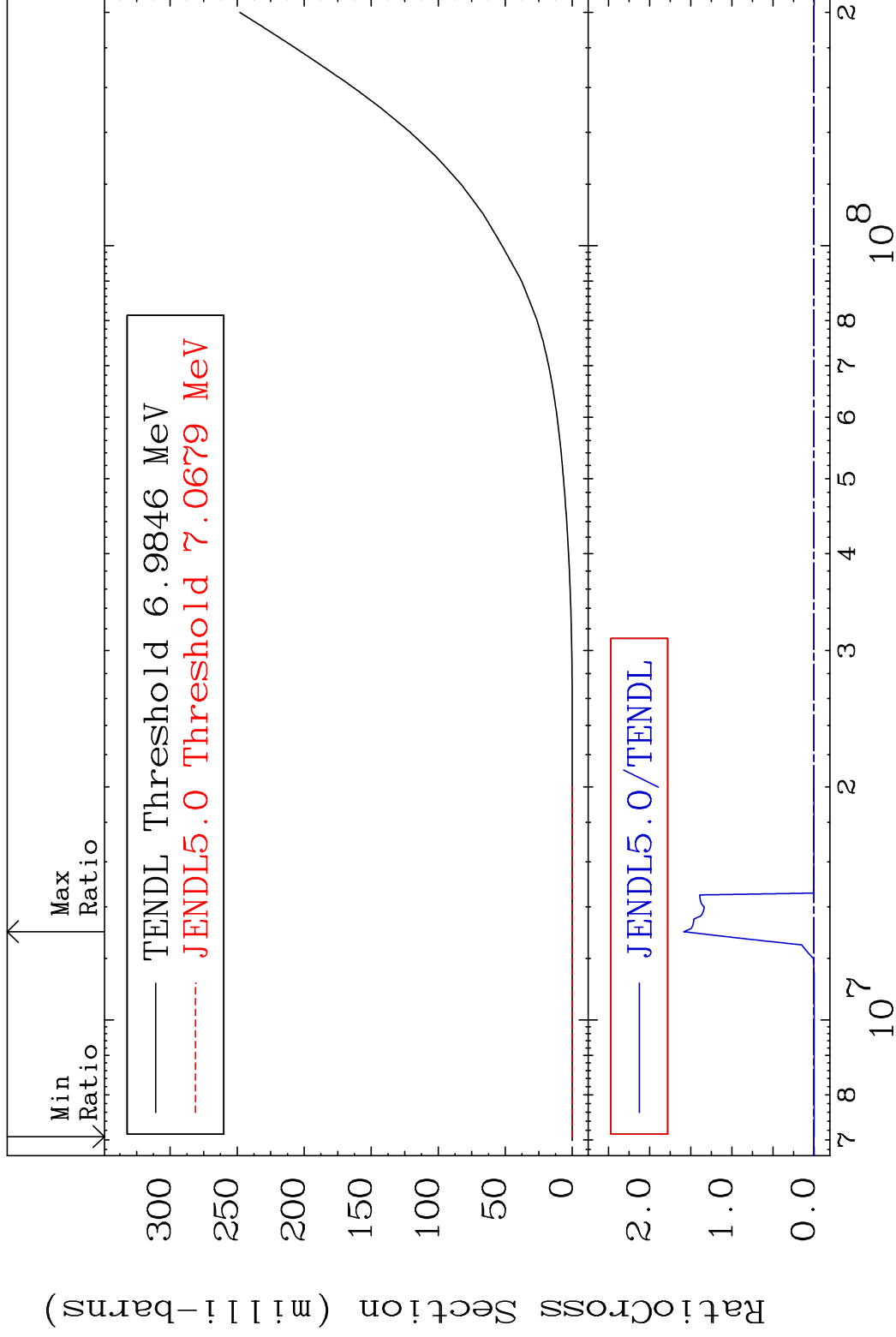


MAT 6437

He-3 Production

64-Gd-156

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

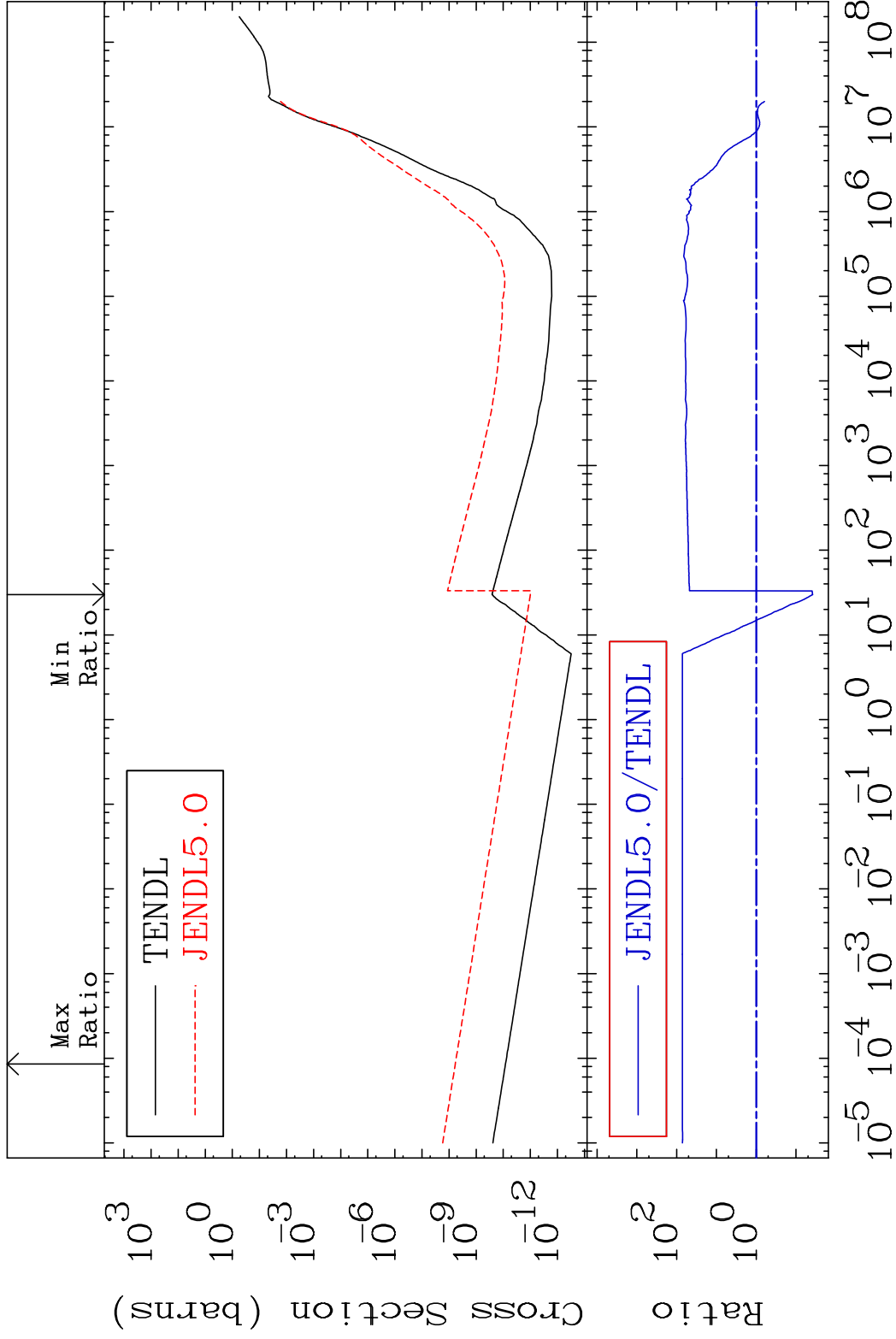
64-Gd-156

MAT 6437

He-4 Production

64-Gd-156

Cross Section -96.17 To 7071. %

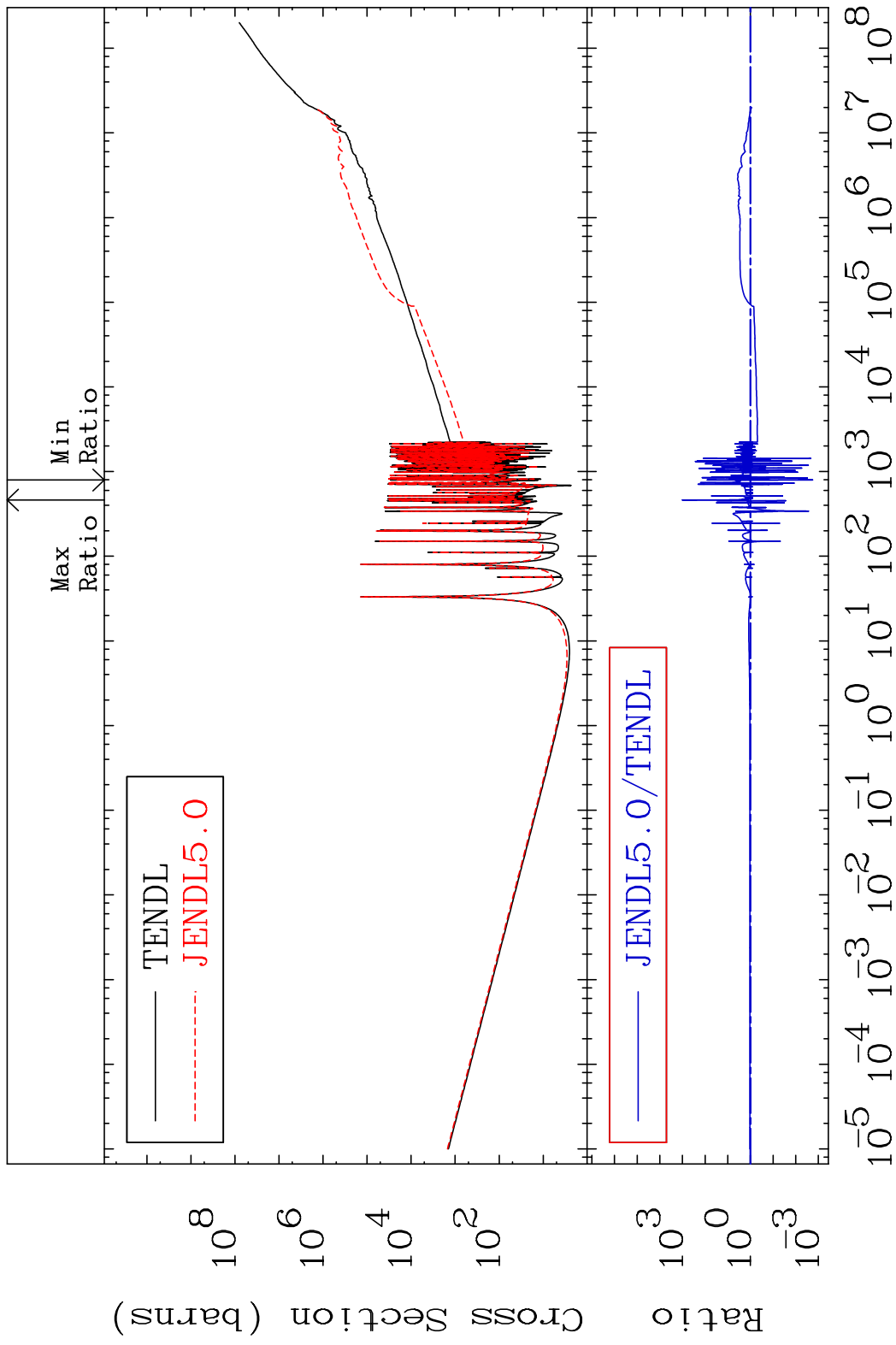


48

Incident Energy (eV)

64-Gd-156

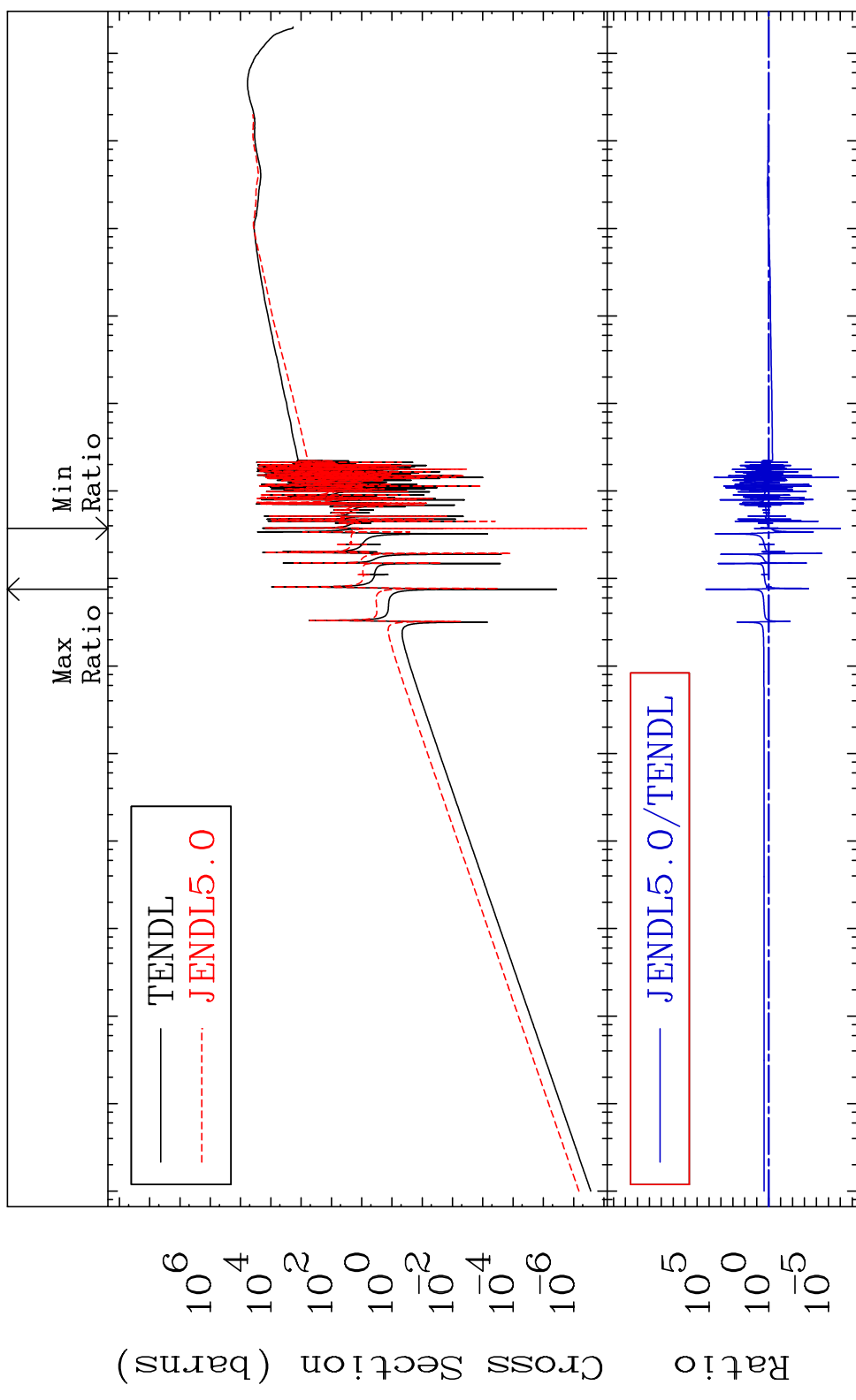
MAT 6437 Kerma total (eV-barns) 64-Gd-156
Cross Section -99.82 To 9999. %



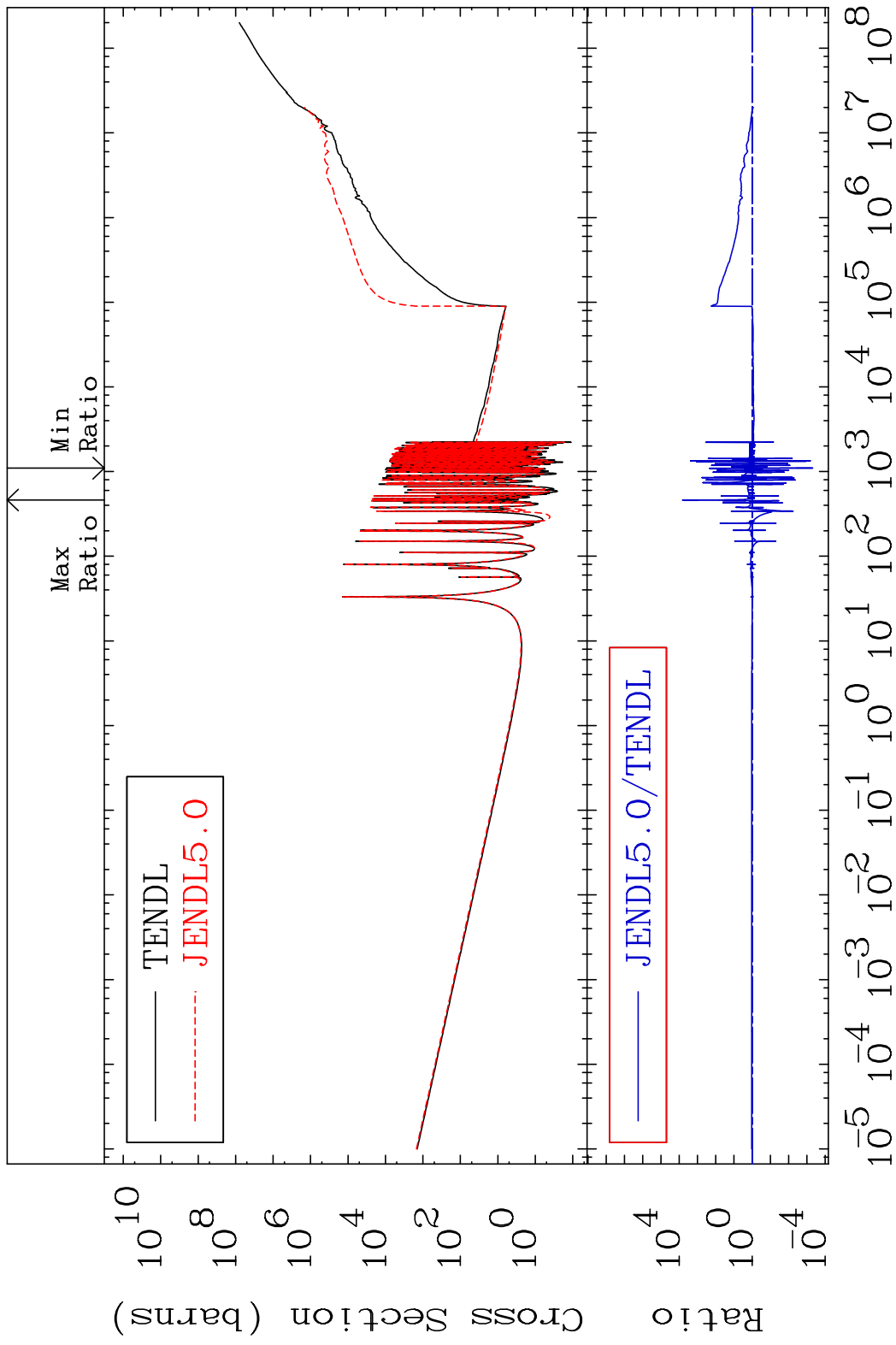
49 Incident Energy (eV) 64-Gd-156

MAT 6437

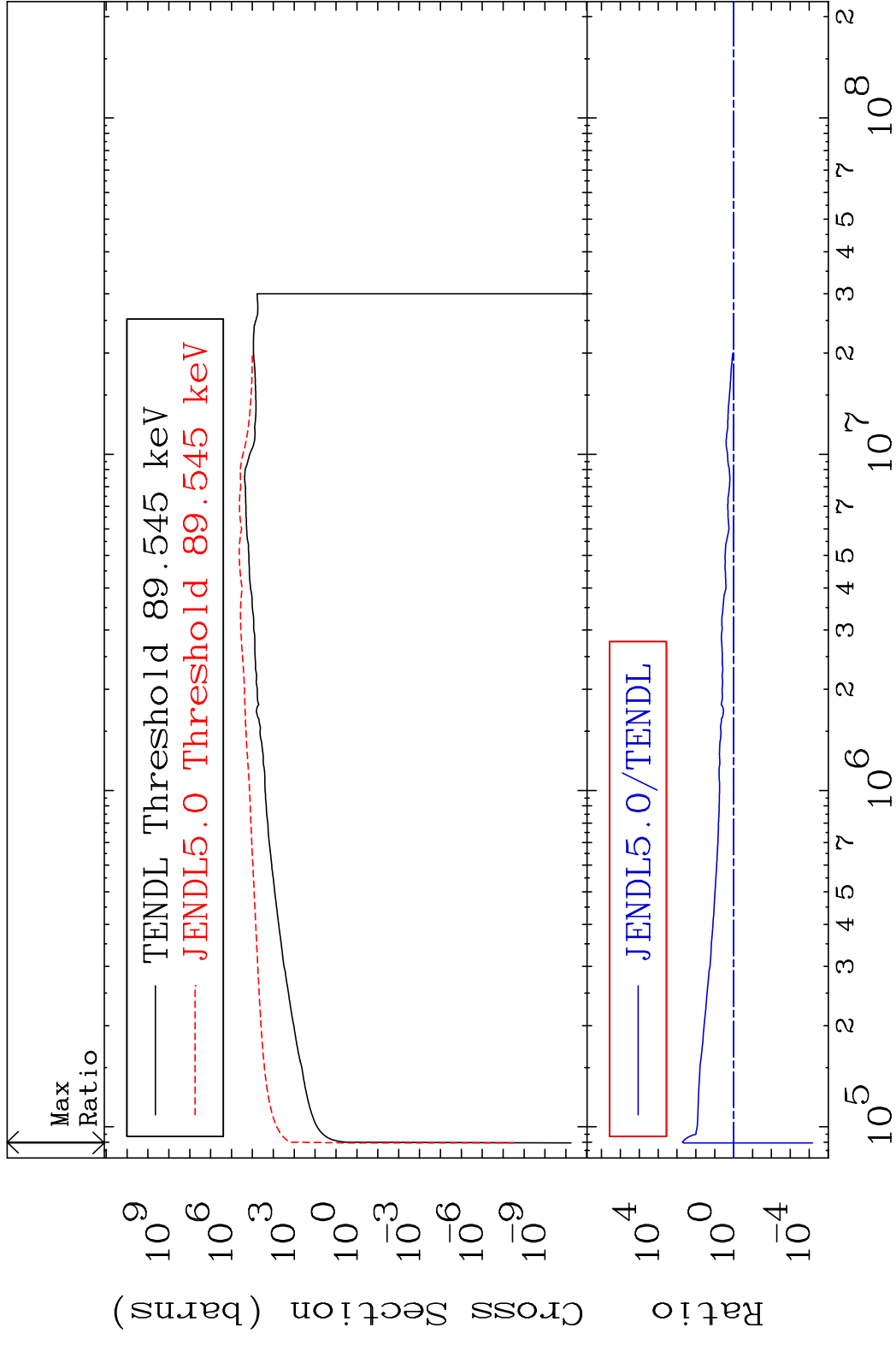
Kerma elastic
Cross Section -100.0 To 9999. %
64-Gd-156



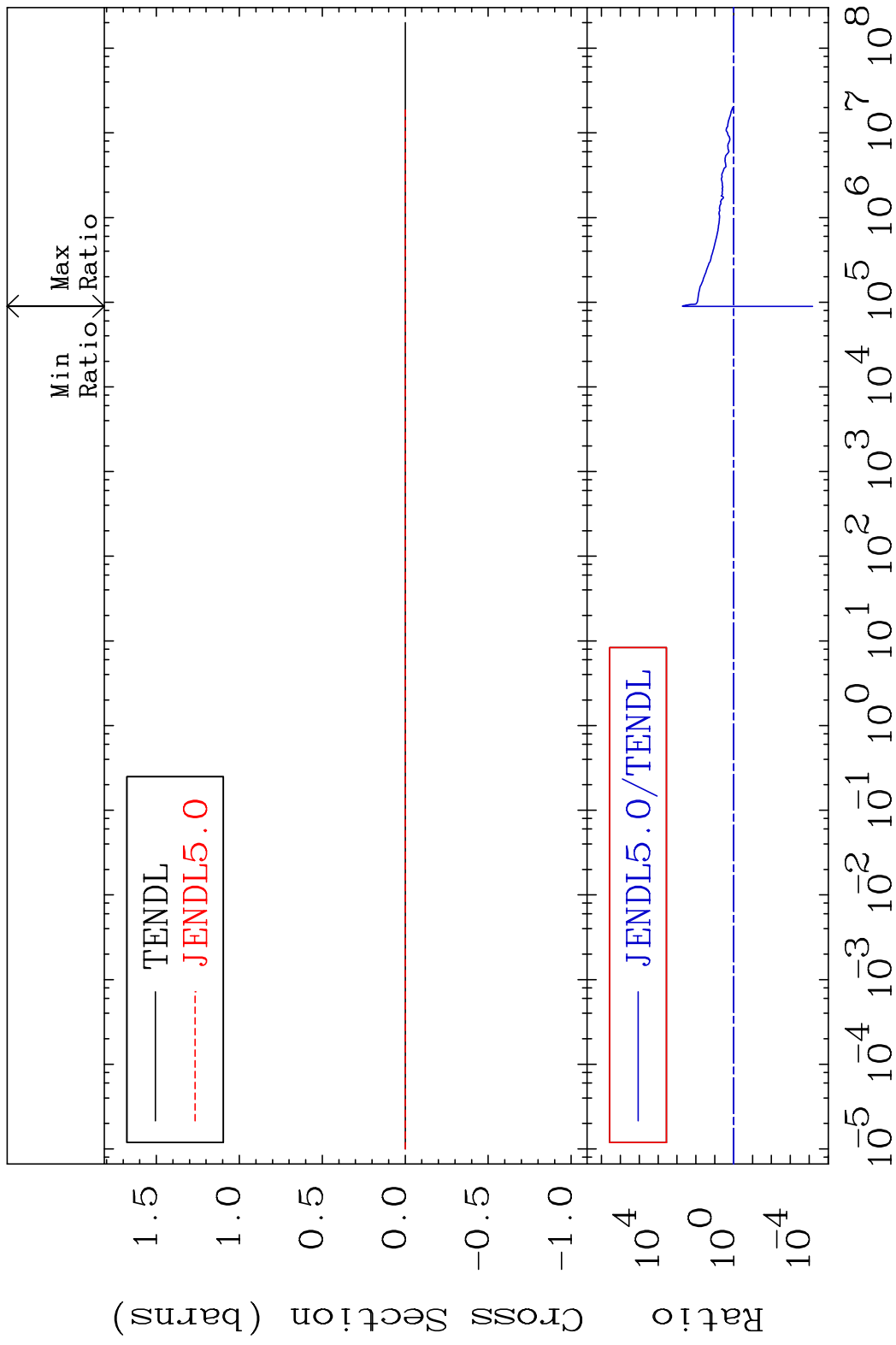
MAT 6437 Kerma non-elastic (all but mt2) 64-Gd-156
 Cross Section -99.95 To 9999. %

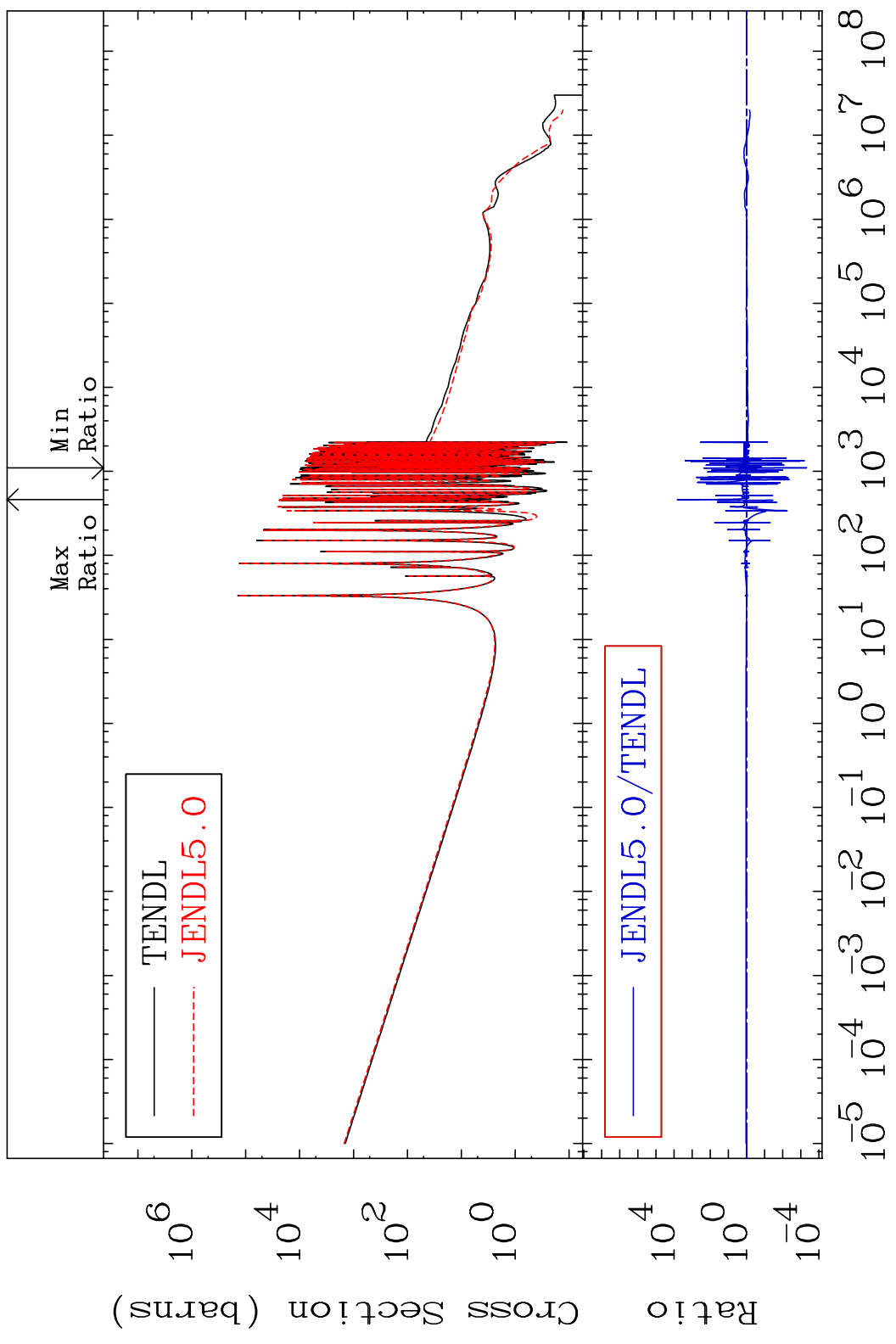


MAT 6437 Kerma inelastic (mt51-91) 64-Gd-156
 Cross Section -99.99 To 9999. %



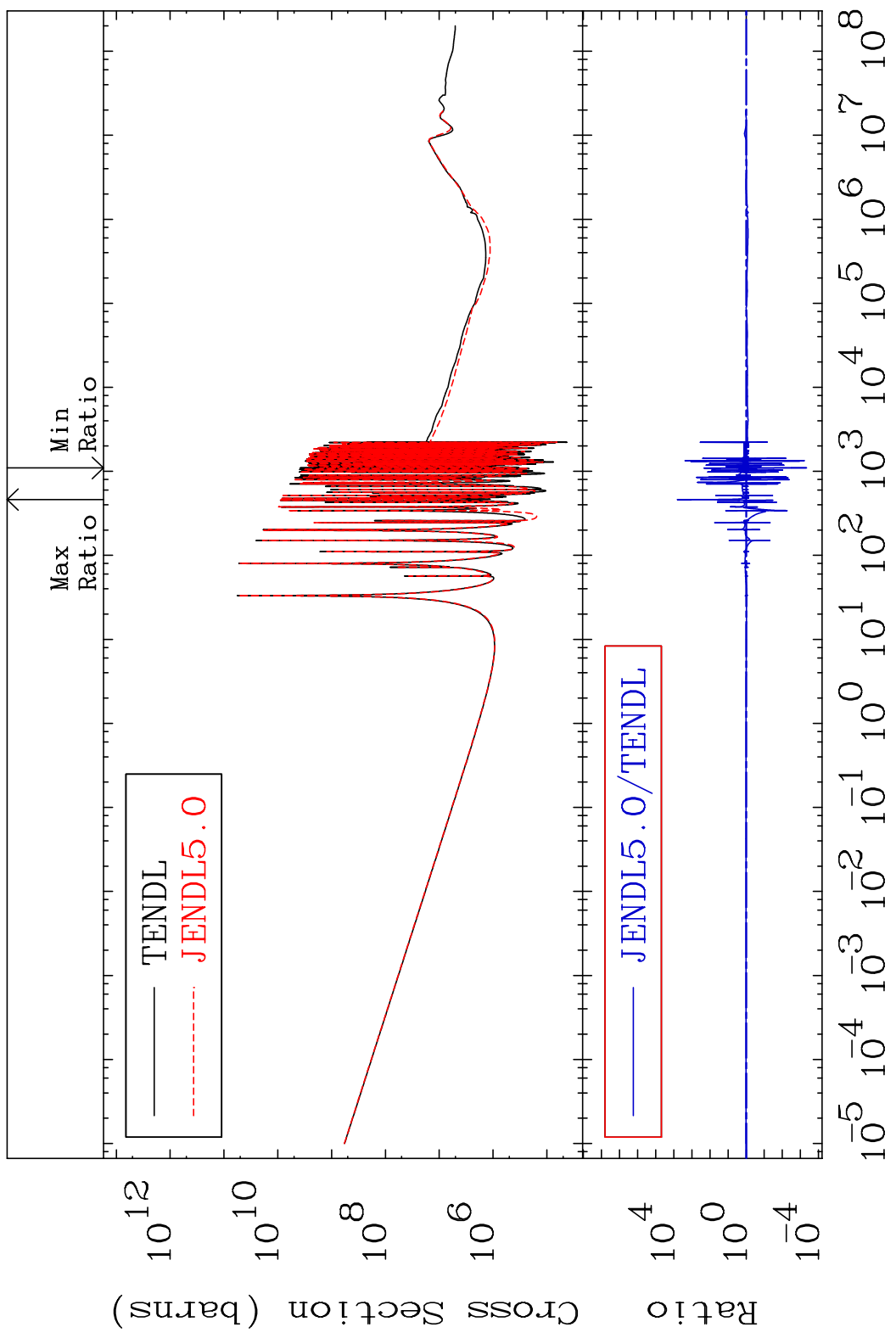
MAT 6437 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-156
 Cross Section -99.99 To 9999. %



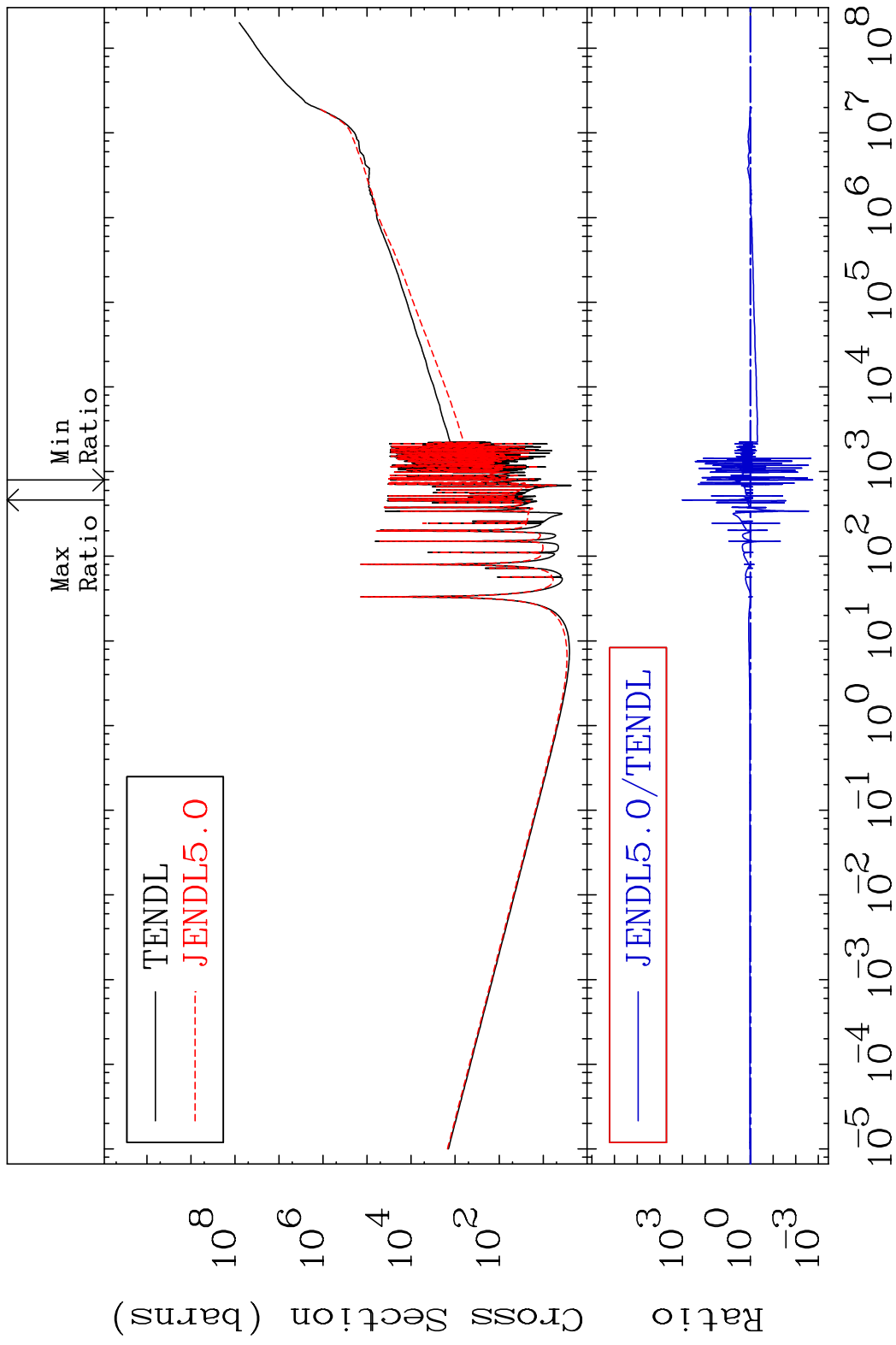


MAT 6437

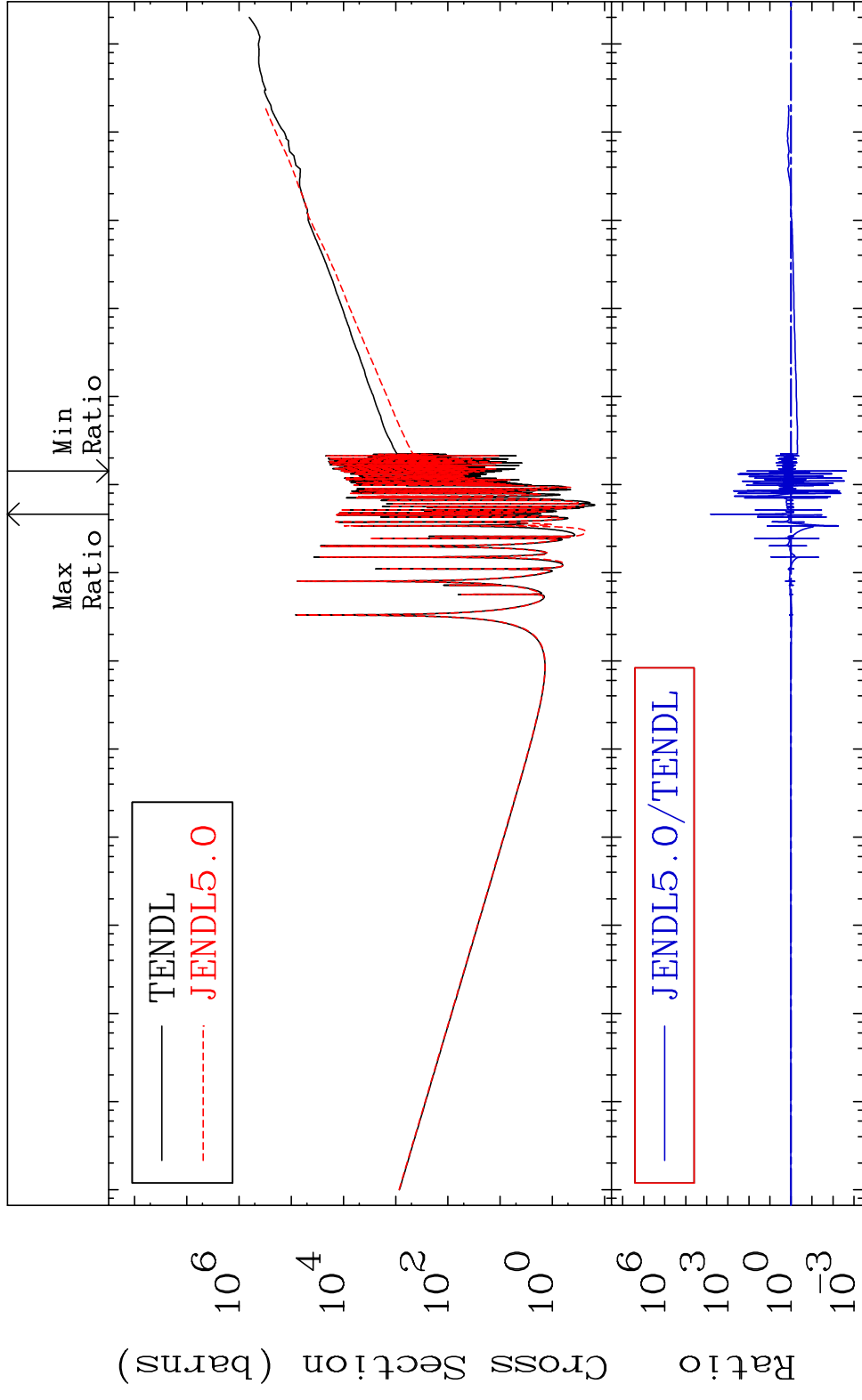
Total photon (eV-barns) 64-Gd-156
Cross Section -99.95 To 9999. %



MAT 6437 Total kinematic kerma (high limit) 64-Gd-156
 Cross Section -99.82 To 9999. %



Cross Section -99.777 To 9999. %

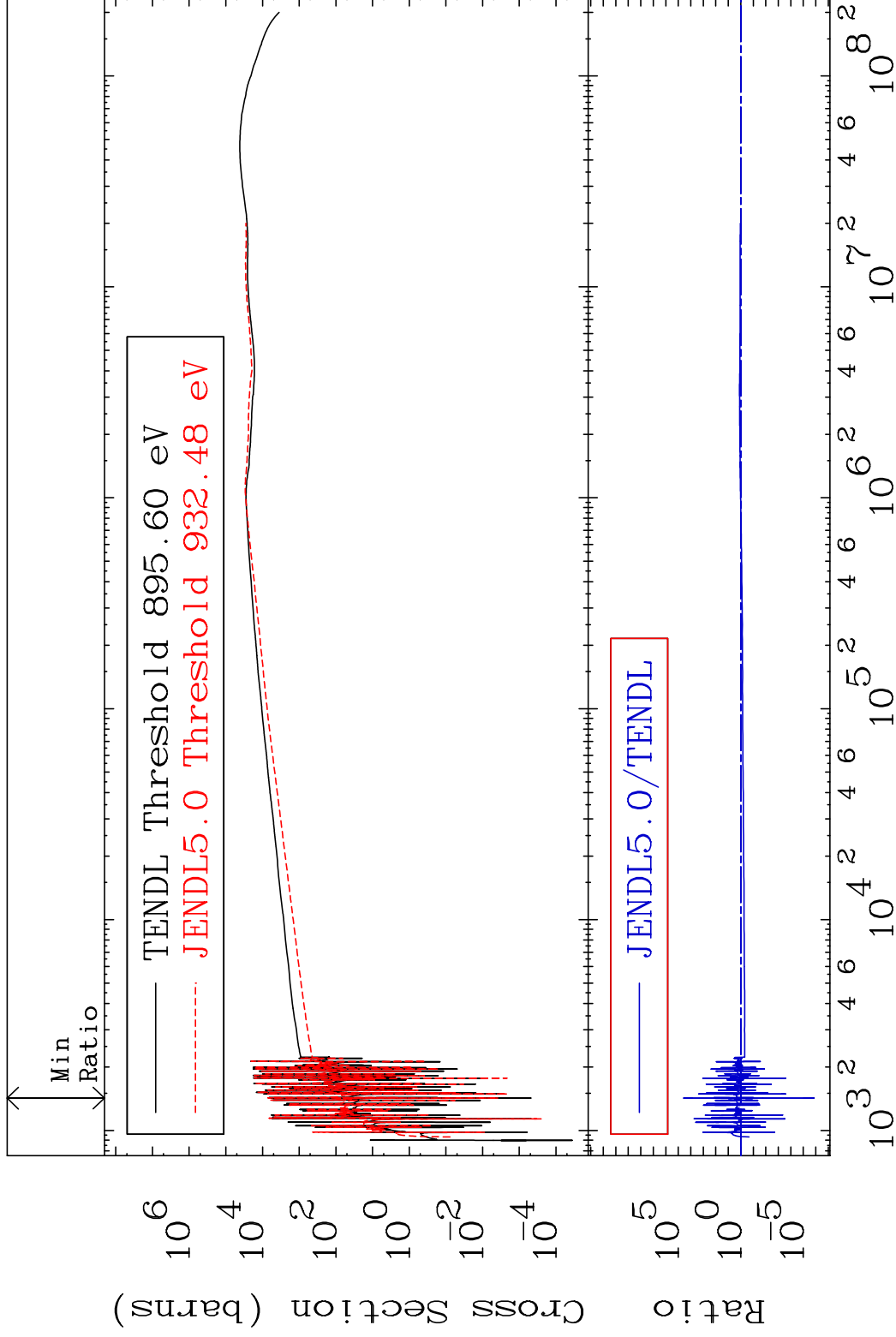


MAT 6437

Dpa elastic (mt2)

64-Gd-156

Cross Section -100.0 To 9999. %

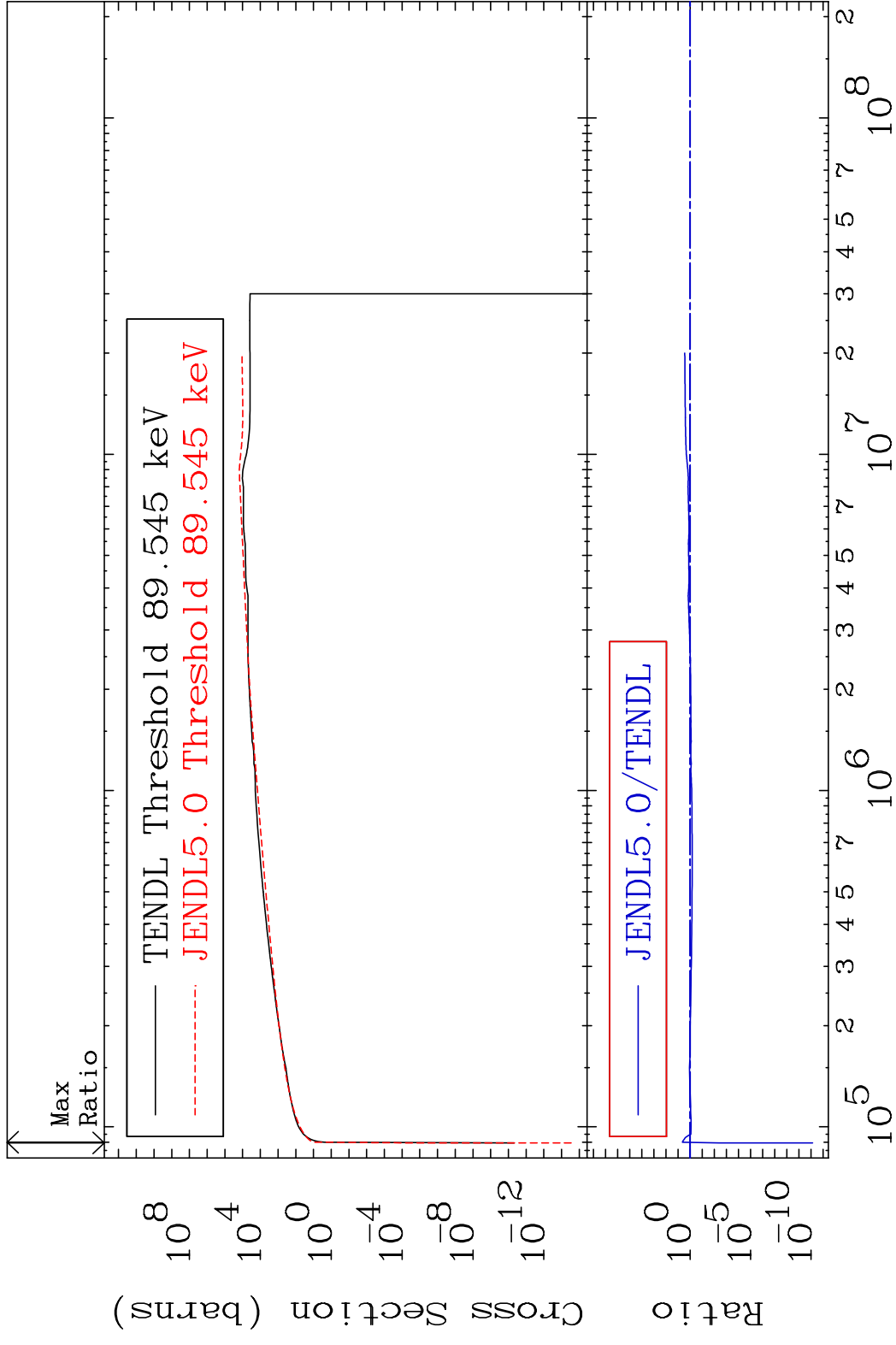


58

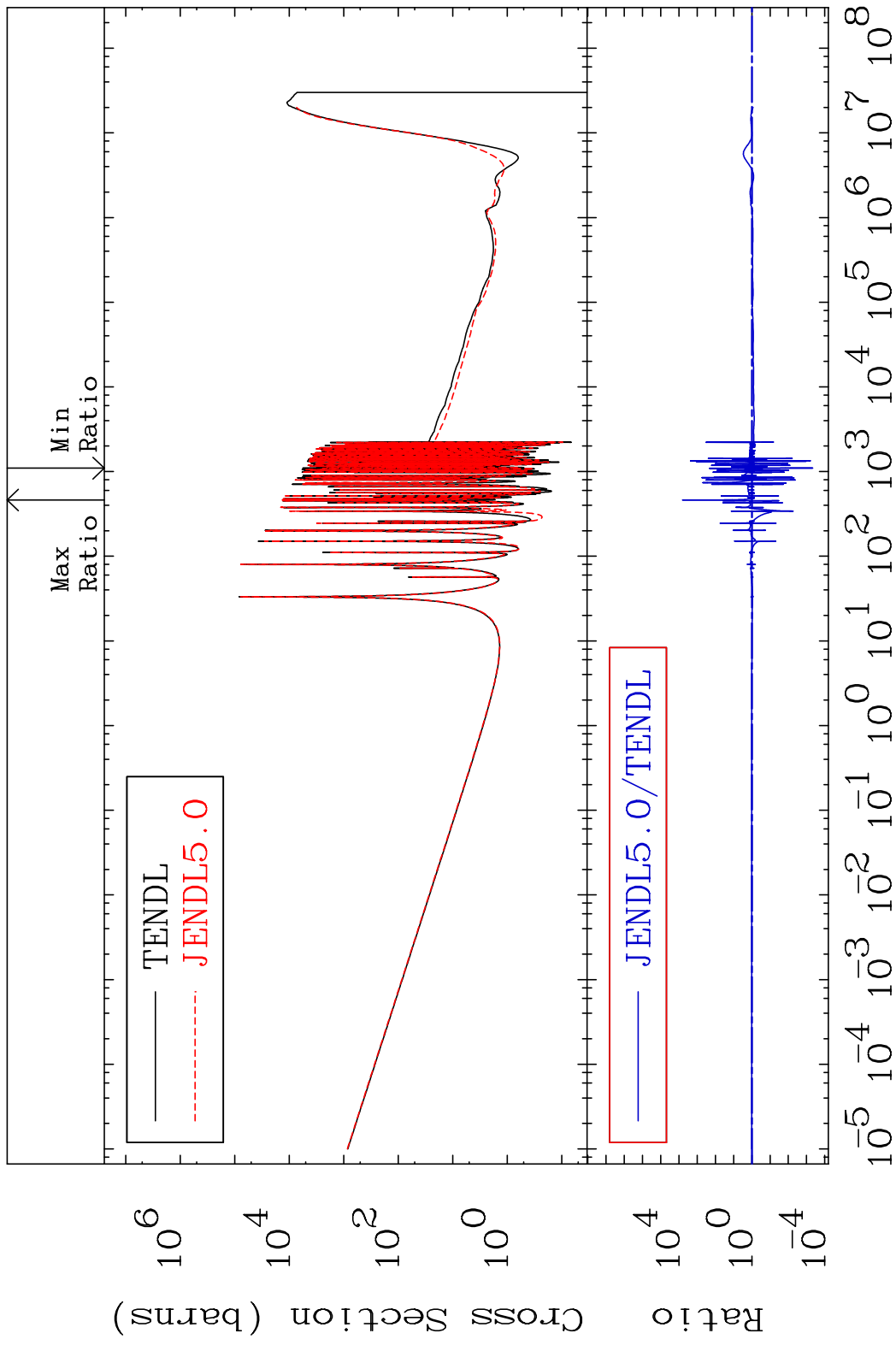
Incident Energy (eV)

64-Gd-156

MAT 6437 Dpa inelastic (mt51-91) 64-Gd-156
 Cross Section -100.0 To 349.6 %



MAT 6437 Dpa disappearance (mt102 -120) 64-Gd-156
Cross Section -99.95 To 9999. %



60 Incident Energy (eV) 64-Gd-156