

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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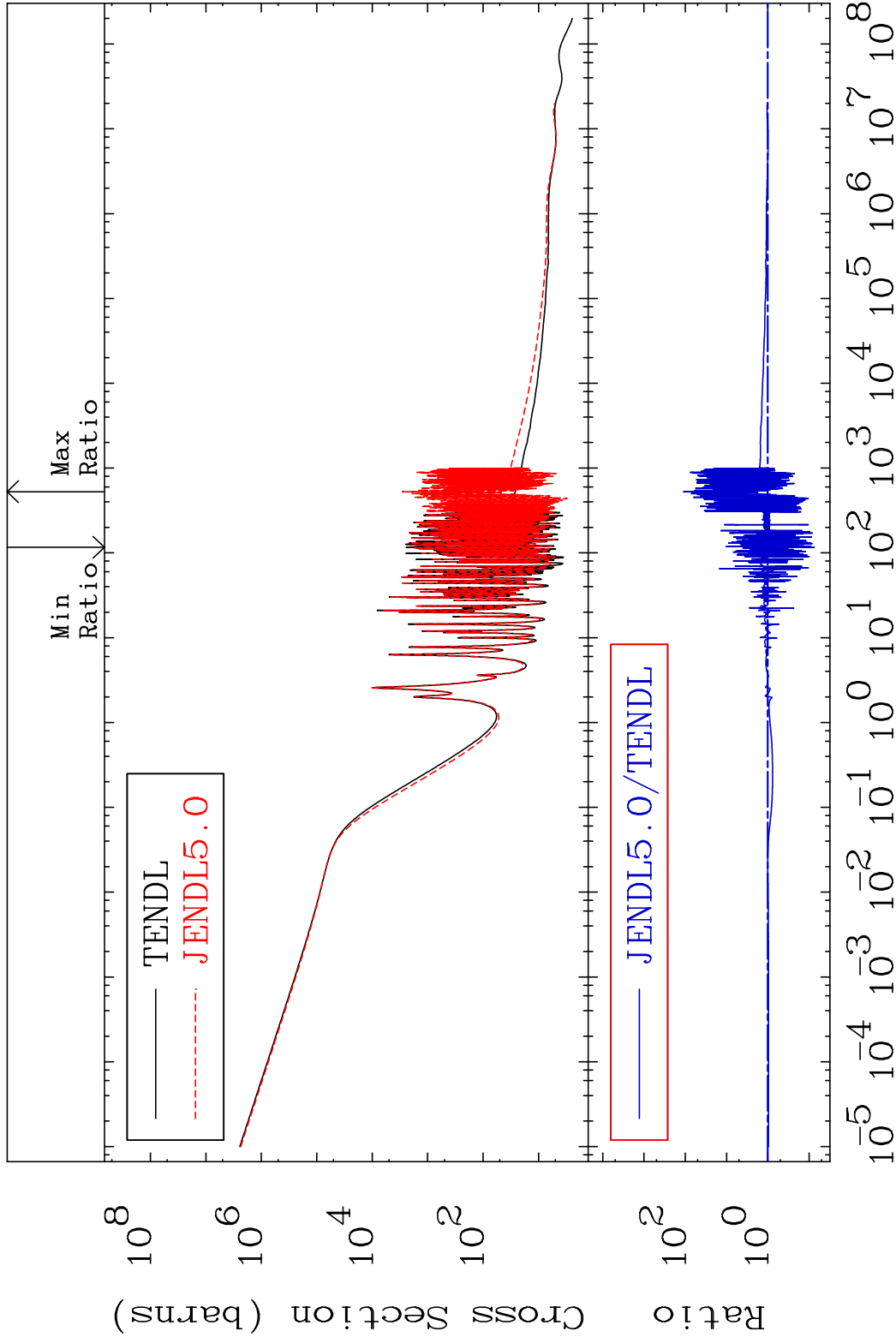
Press Mouse Button to Start

MAT 6434

Total

64-Gd-155

Cross Section -92.43 To 9999. %



1

Incident Energy (eV)

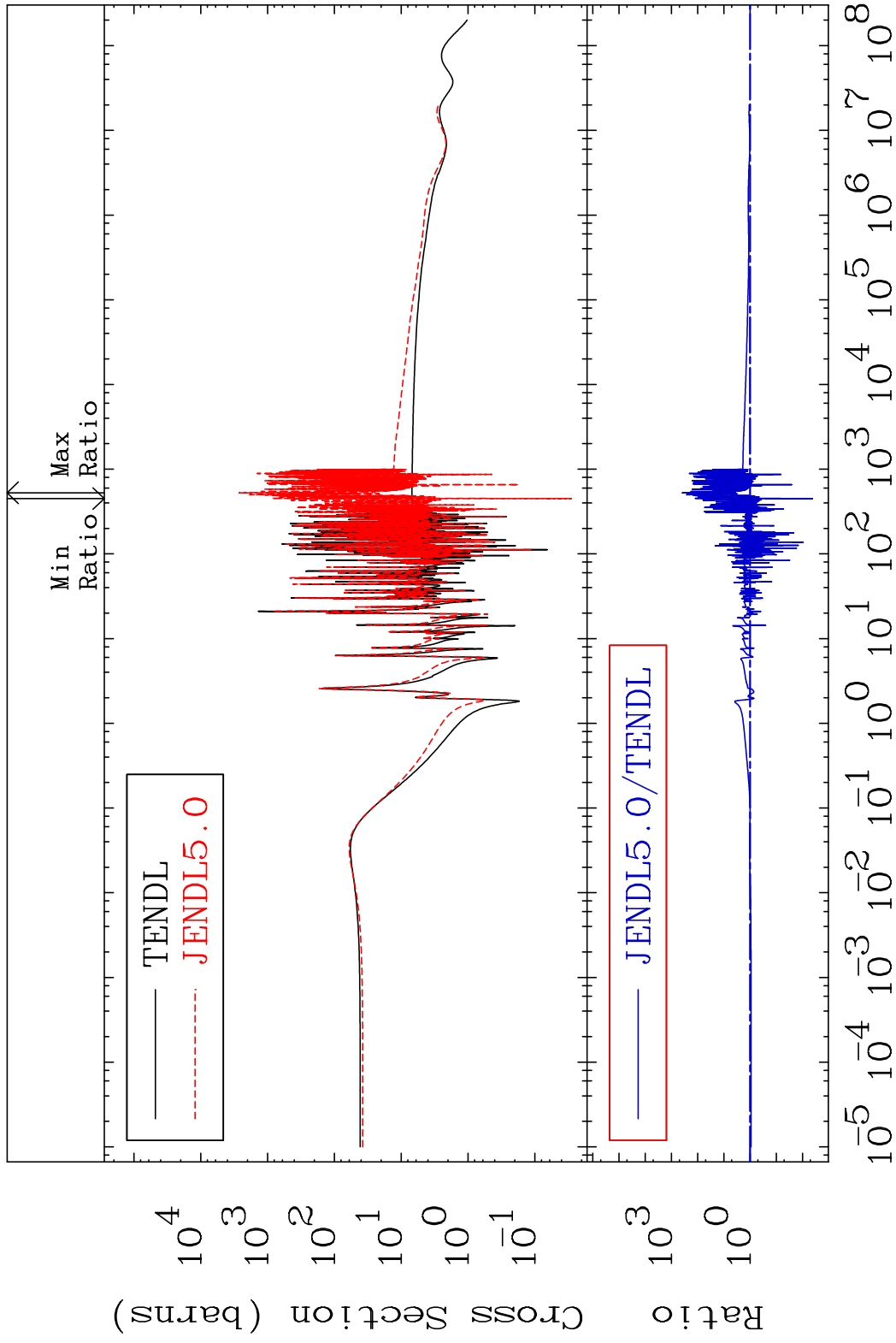
64-Gd-155

MAT 6434

Elastic

64-Gd-155

Cross Section -99.59 To 9999. %



2

Incident Energy (eV)

64-Gd-155

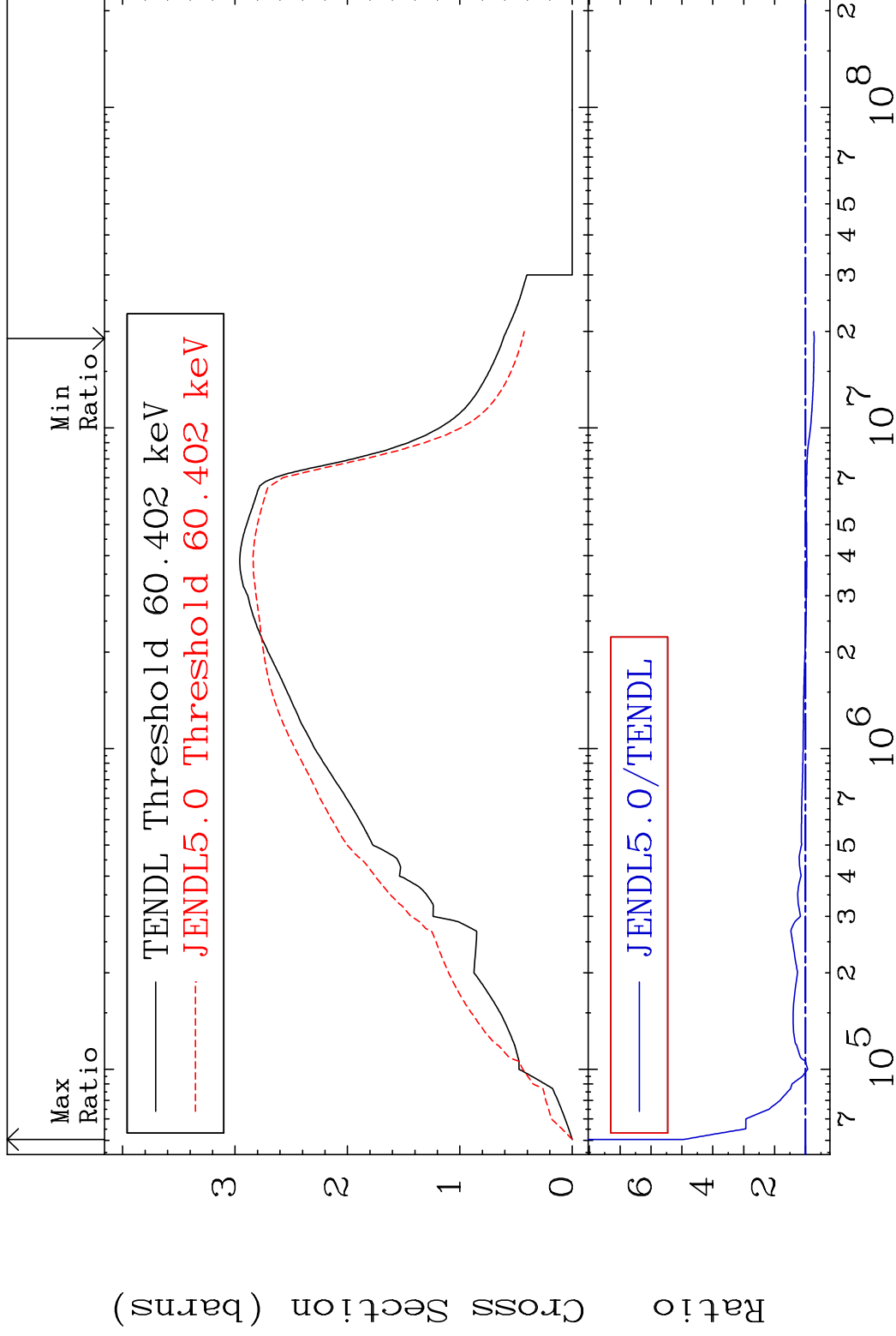
MAT 6434

Inelastic

64-Gd-155

Cross Section

-27.87 To 394.4 %



3

Incident Energy (eV)

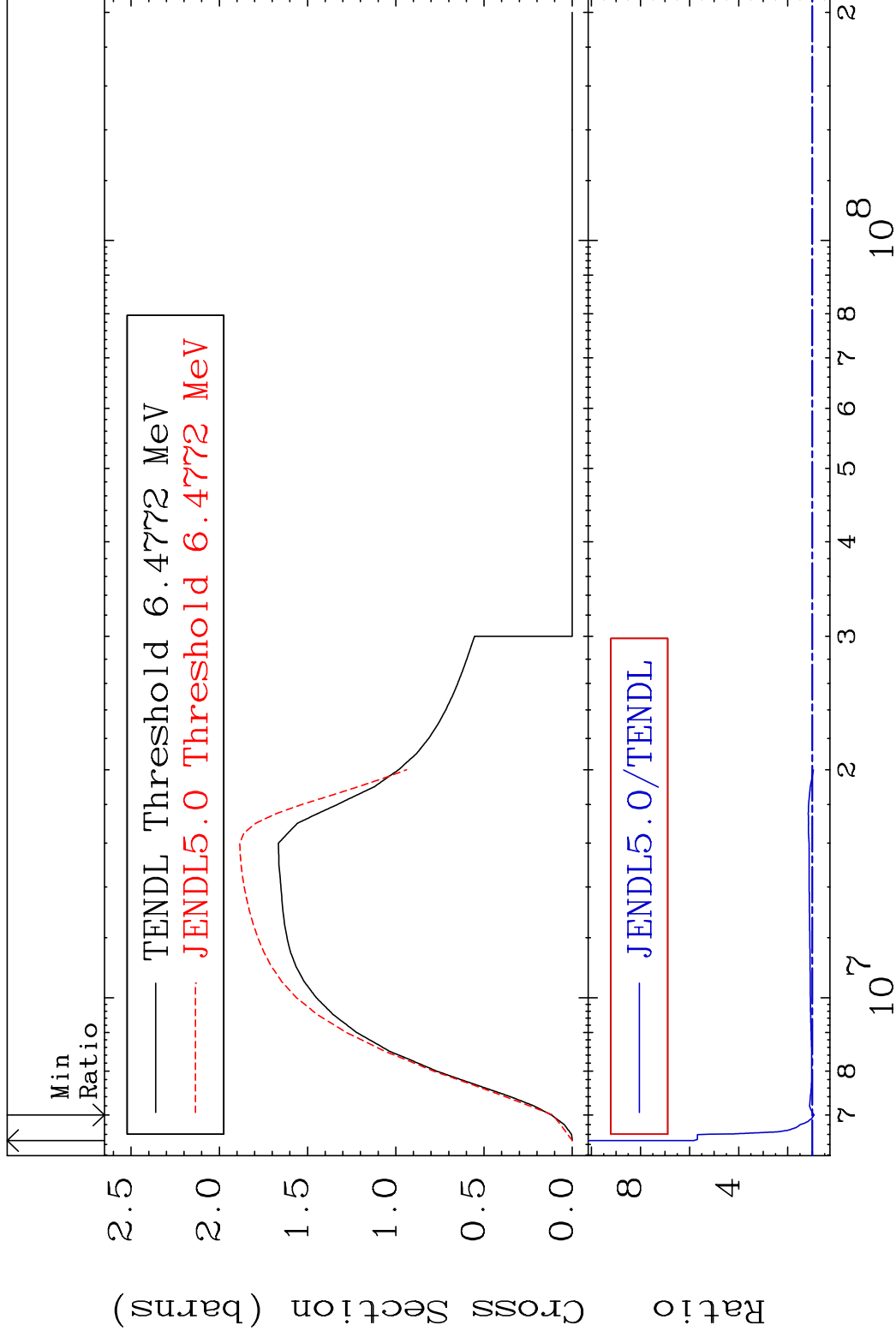
64-Gd-155

MAT 6434

(n,2n)

64-Gd-155

Cross Section -7.410 To 524.1 %



4

Incident Energy (eV)

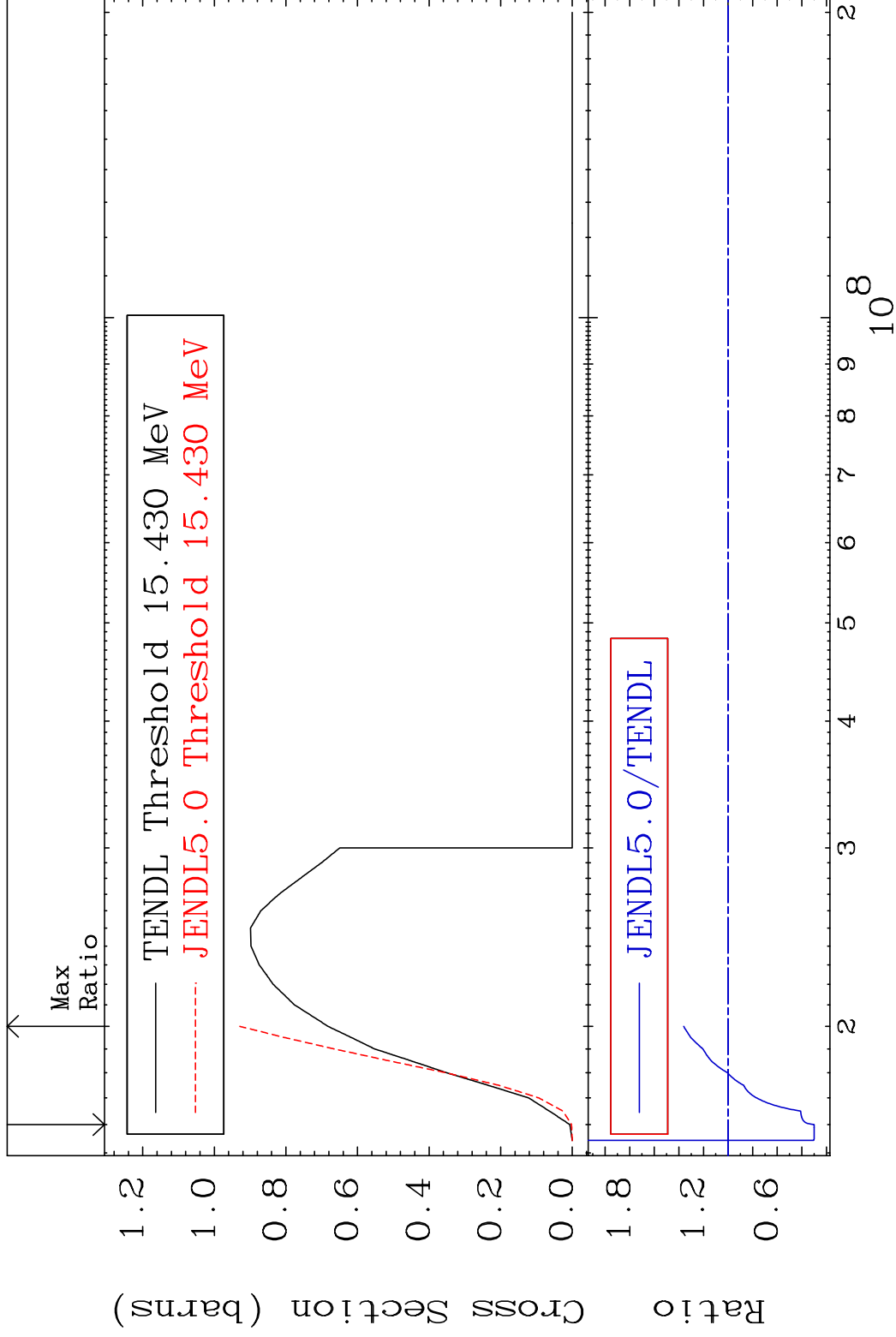
64-Gd-155

MAT 6434

(n,3n)

64-Gd-155

Cross Section -69.97 To 36.10 %



5

Incident Energy (eV)

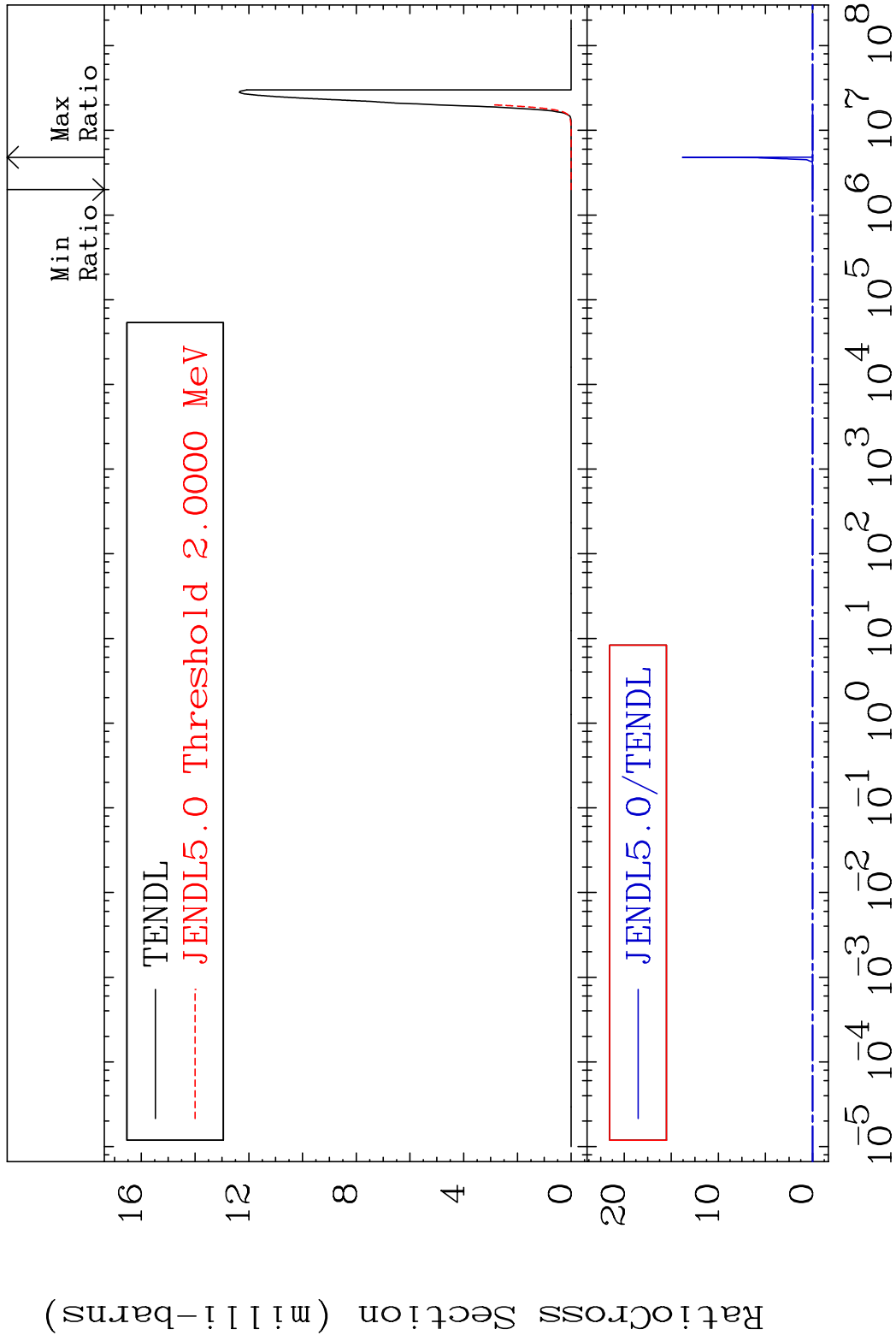
64-Gd-155

MAT 6434

(n, n') α

64-Gd-155

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

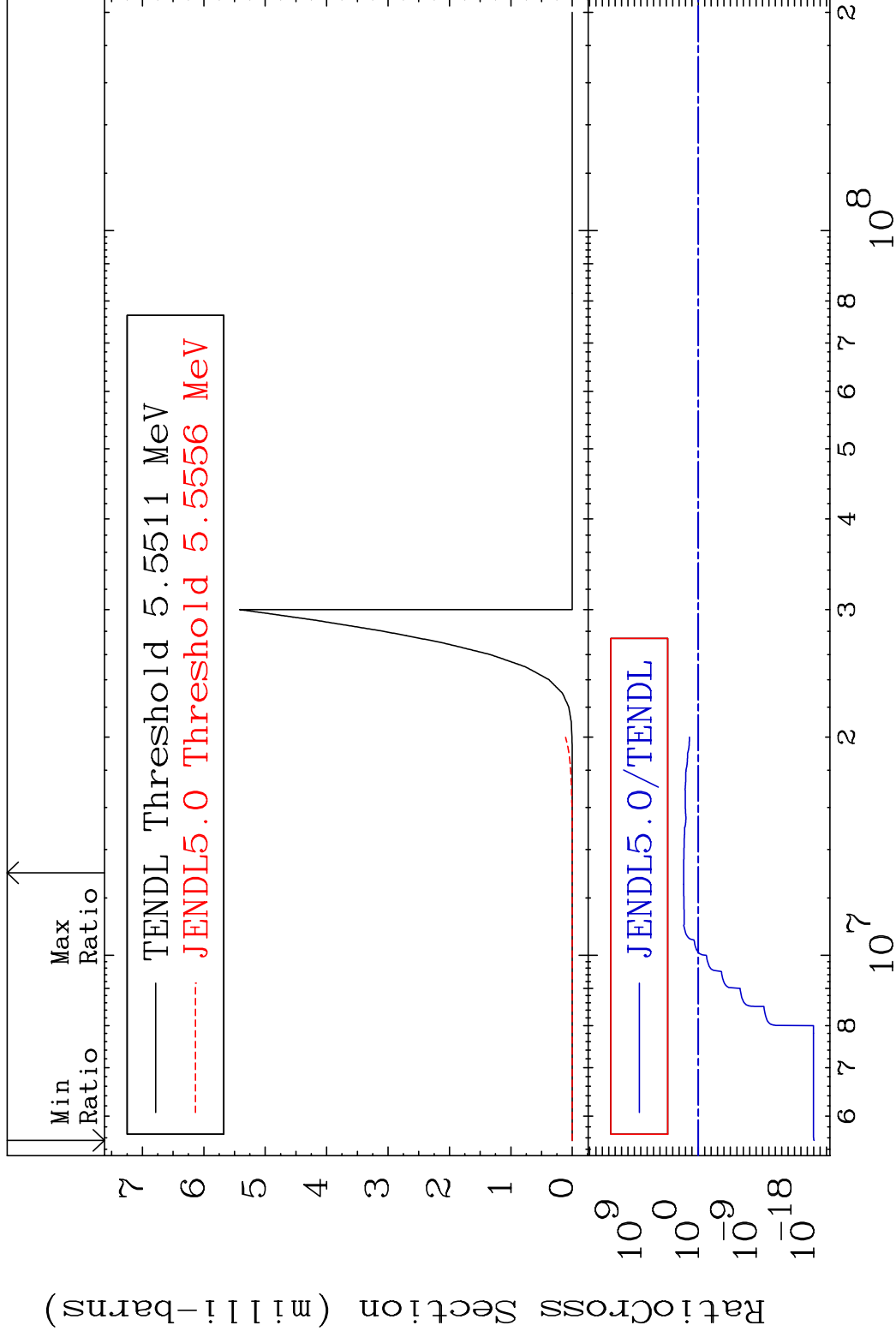
64-Gd-155

MAT 6434

(n,2n) α

64-Gd-155

Cross Section -100.0 To 9999. %



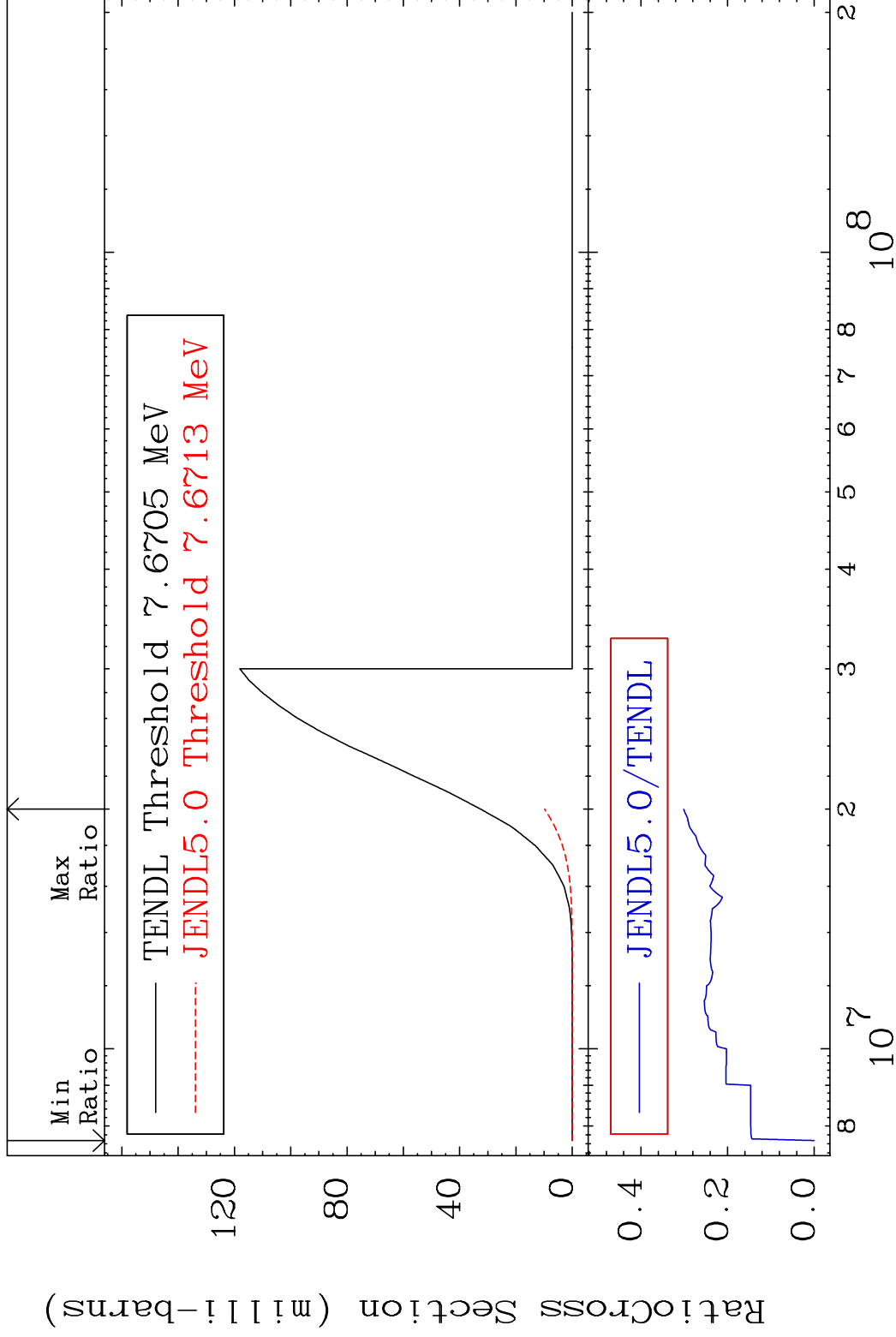
7

Incident Energy (eV)

64-Gd-155

MAT 6434

(n, n') p 64-Gd-155
Cross Section -100.0 To -69.86%



8

Incident Energy (eV)

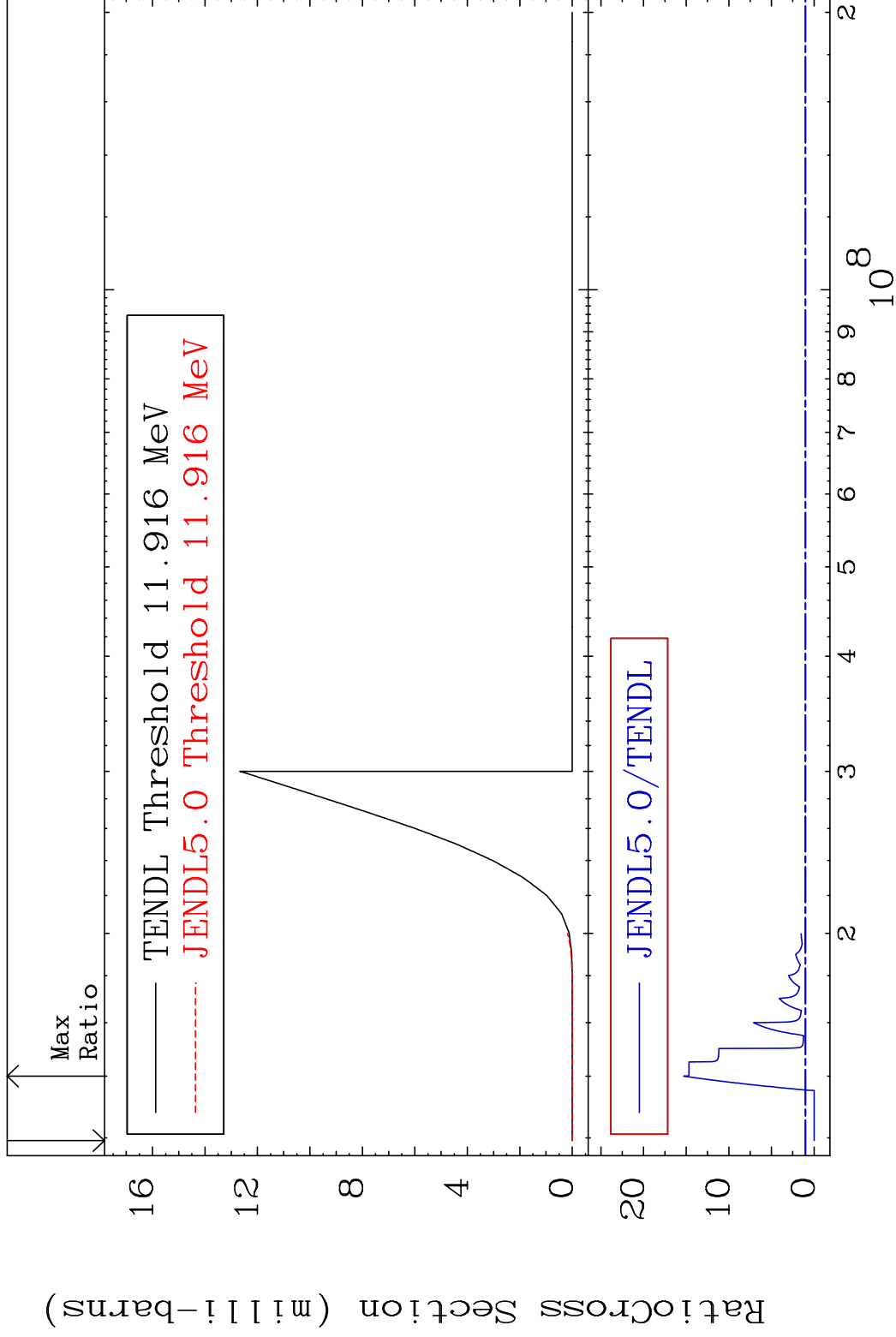
64-Gd-155

MAT 6434

(n, n') d

64-Gd-155

Cross Section -100.0 To 1430. %



9

Incident Energy (eV)

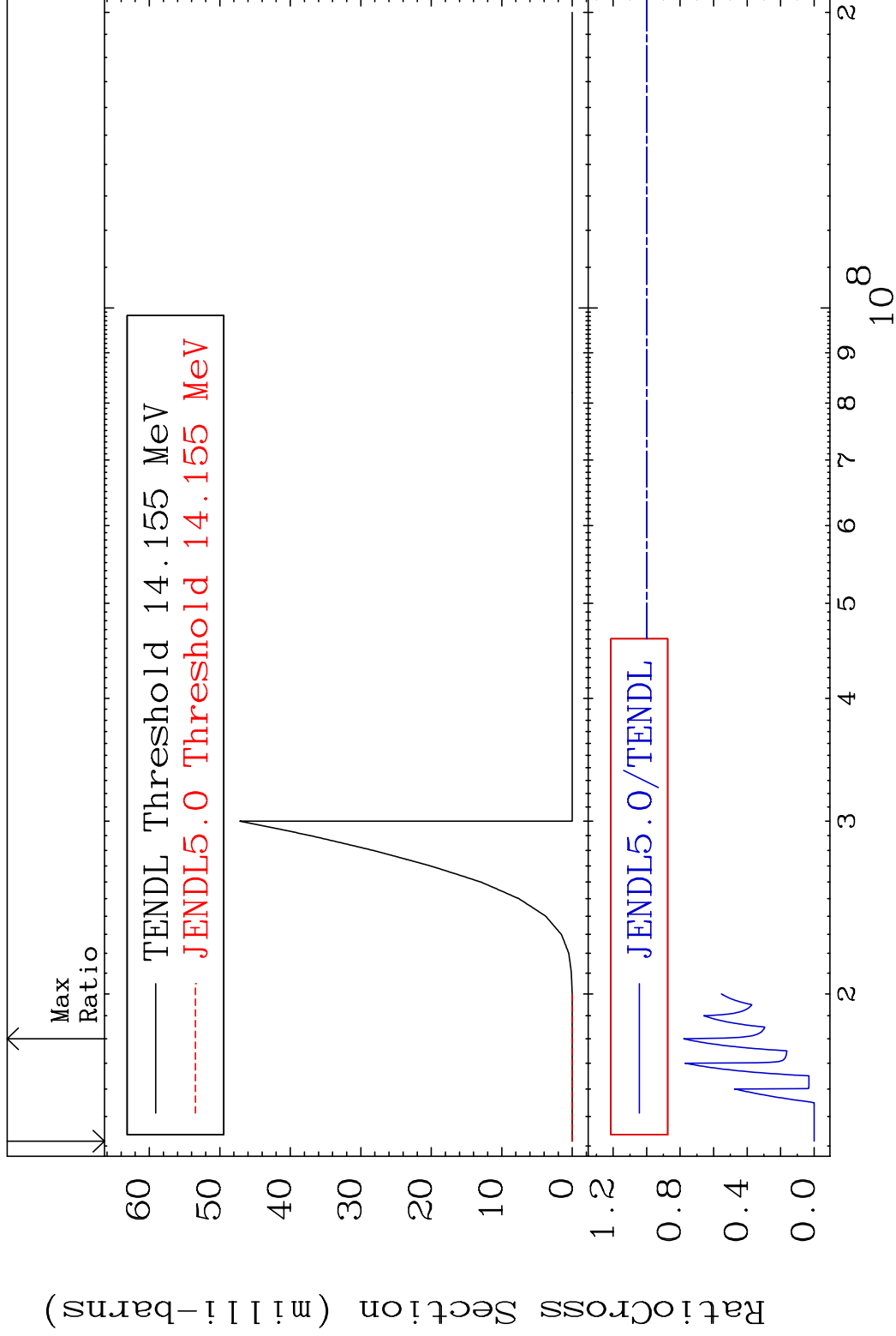
64-Gd-155

MAT 6434

(n,2n) p

64-Gd-155

Cross Section -100.0 To -22.10%

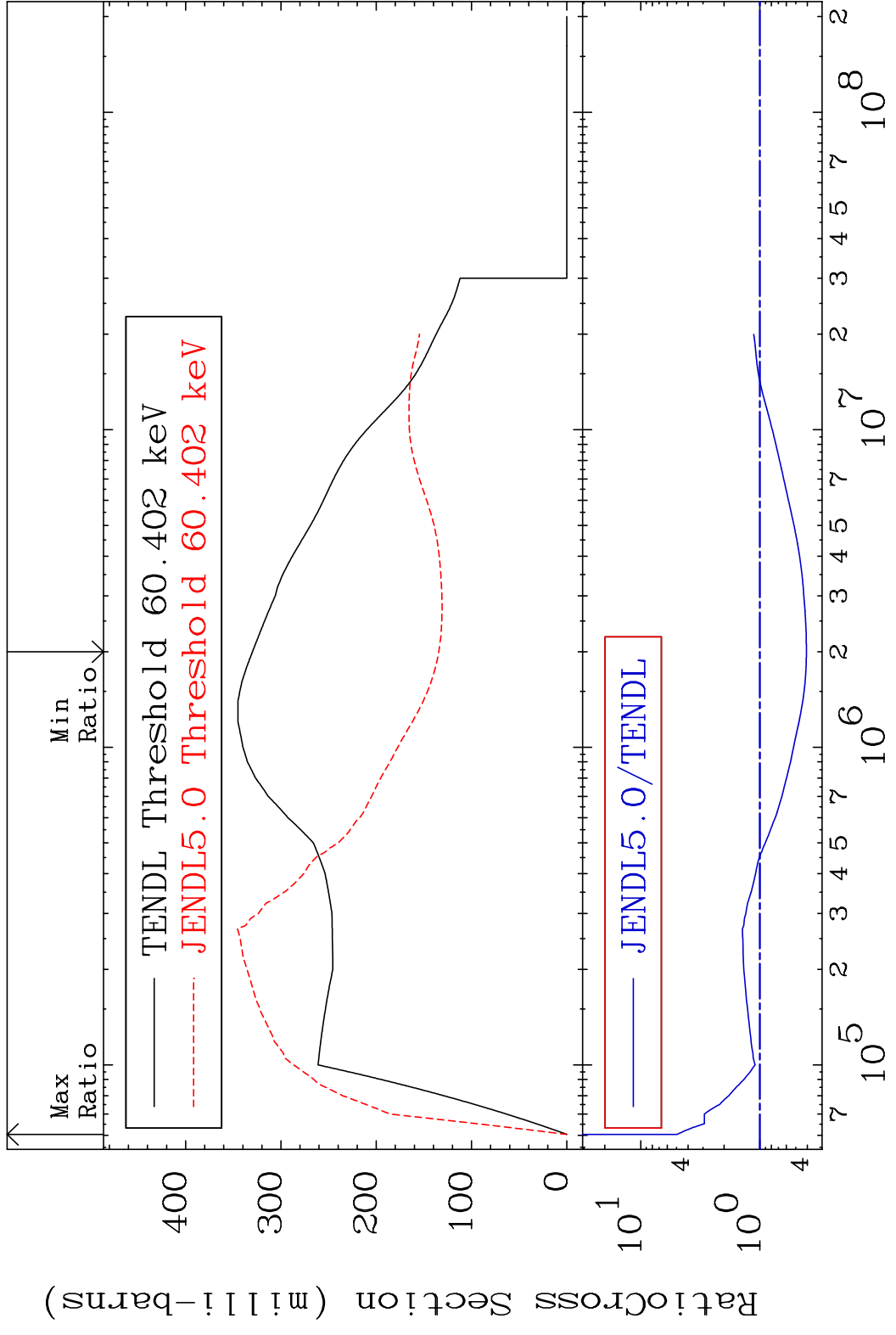


10

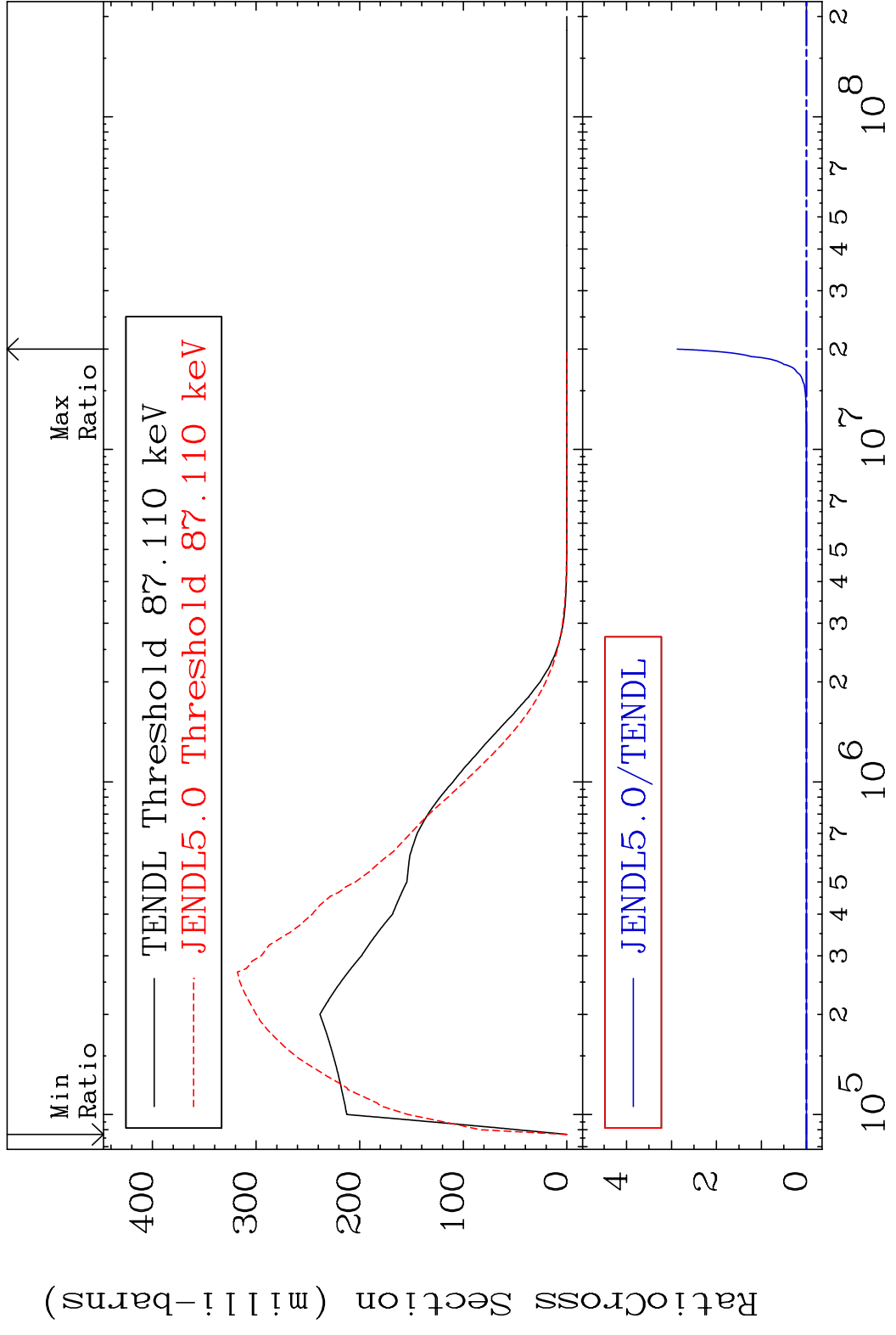
Incident Energy (eV)

64-Gd-155

MAT 6434 MT= 51 (n,n') Level 64-Gd-155
 Cross Section -59.25 To 394.4 %

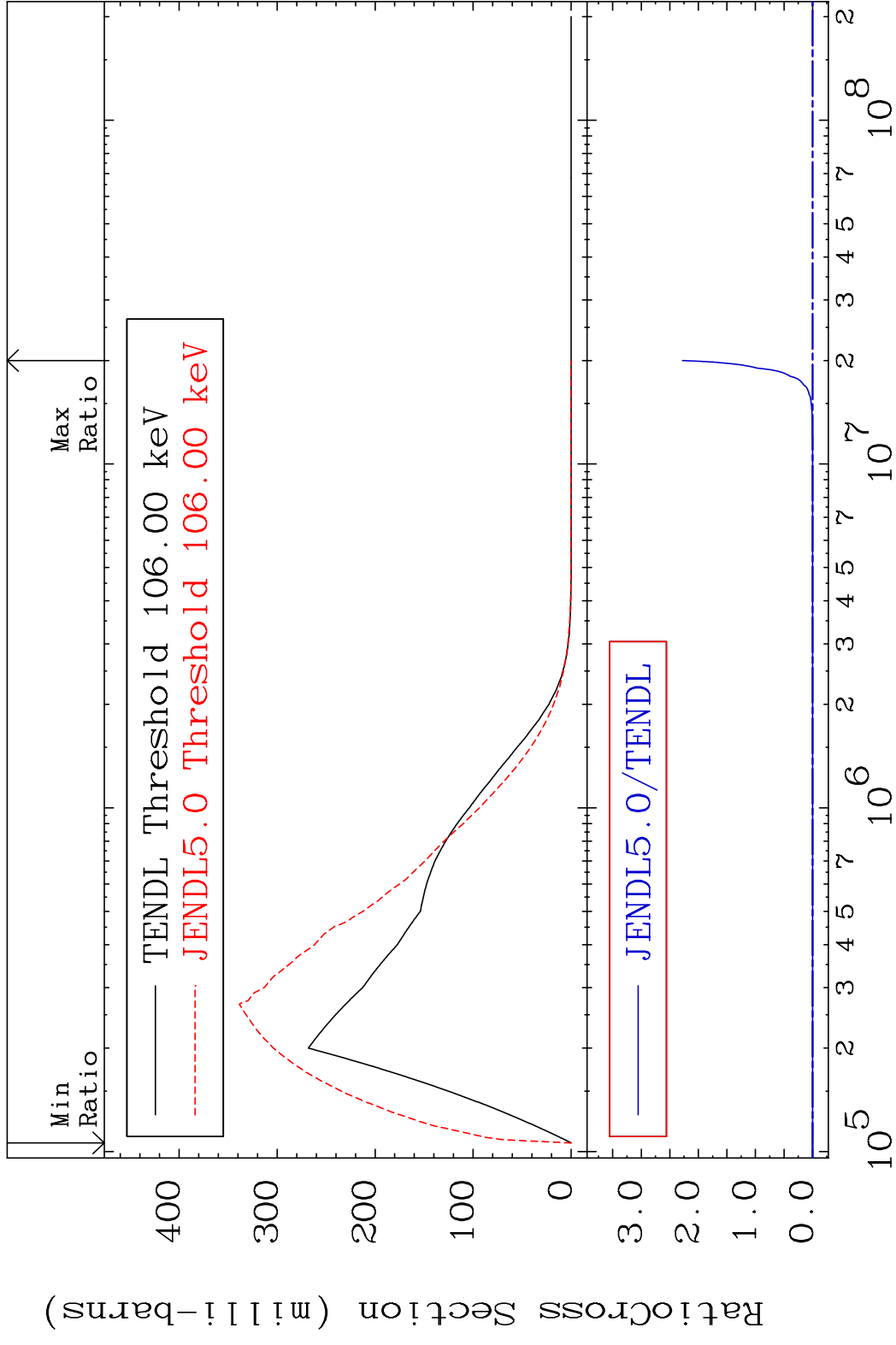


MAT 6434 MT= 52 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %



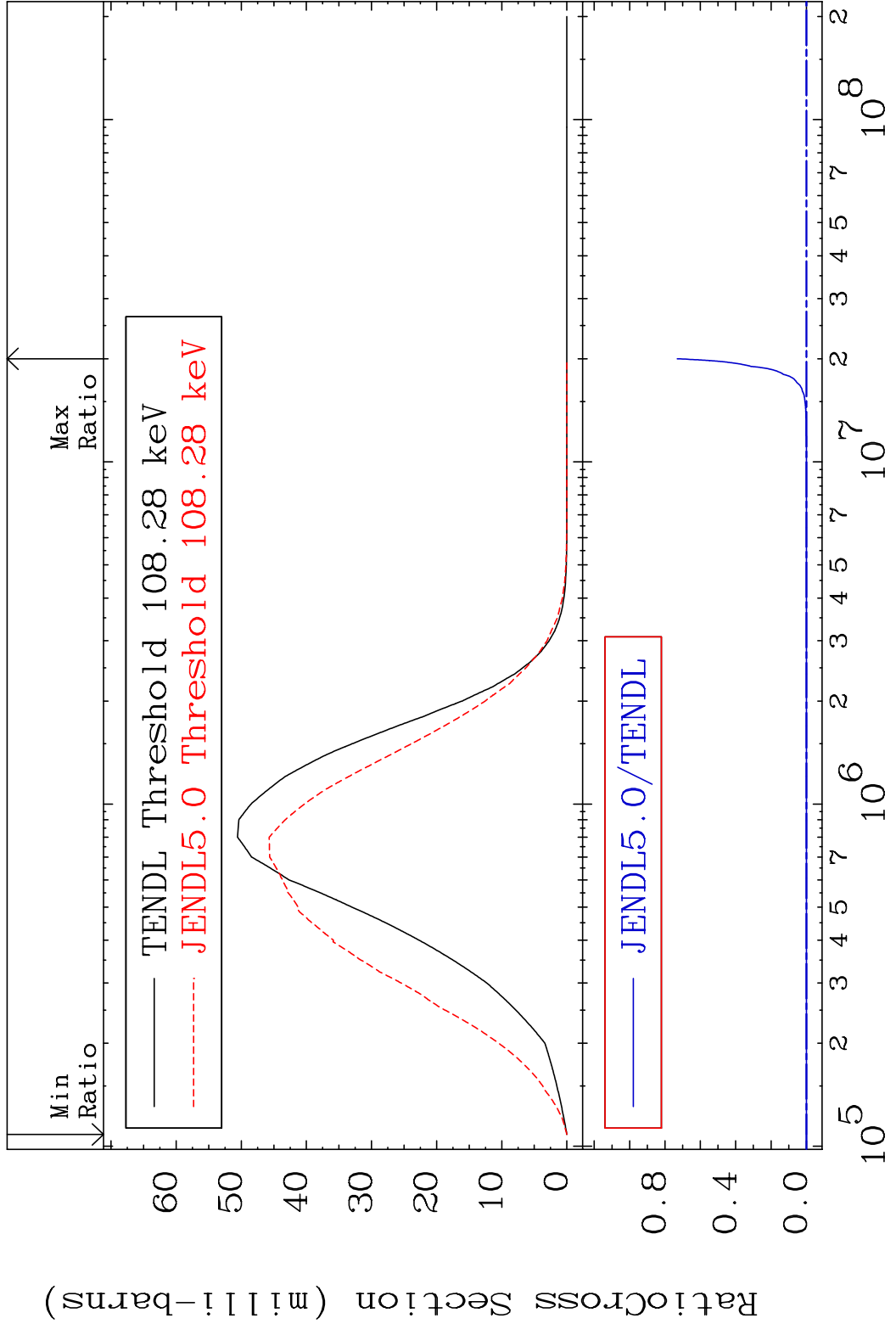
12 Incident Energy (eV) 64-Gd-155

MAT 6434 MT= 53 (n, n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %

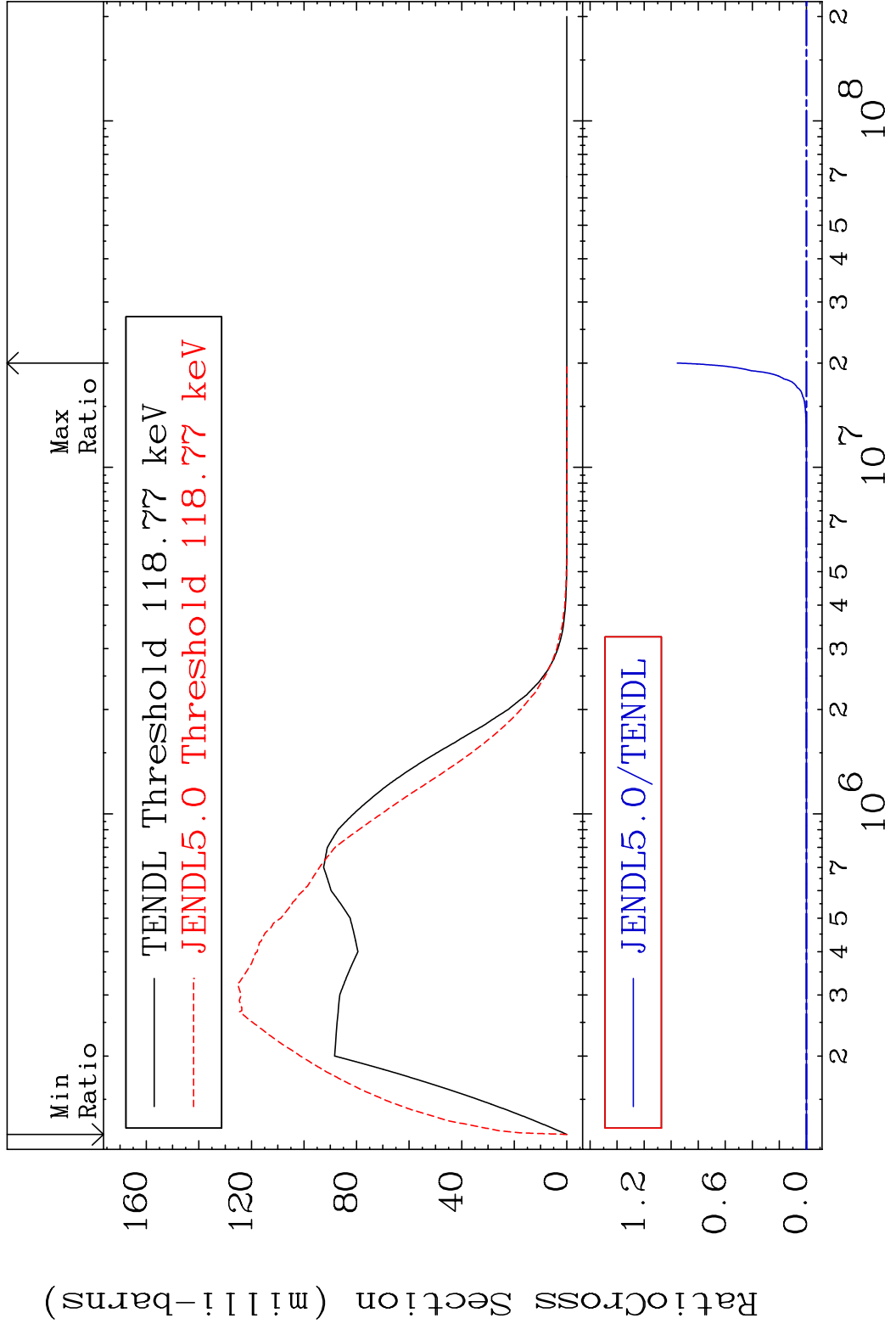


13 Incident Energy (eV) 64-Gd-155

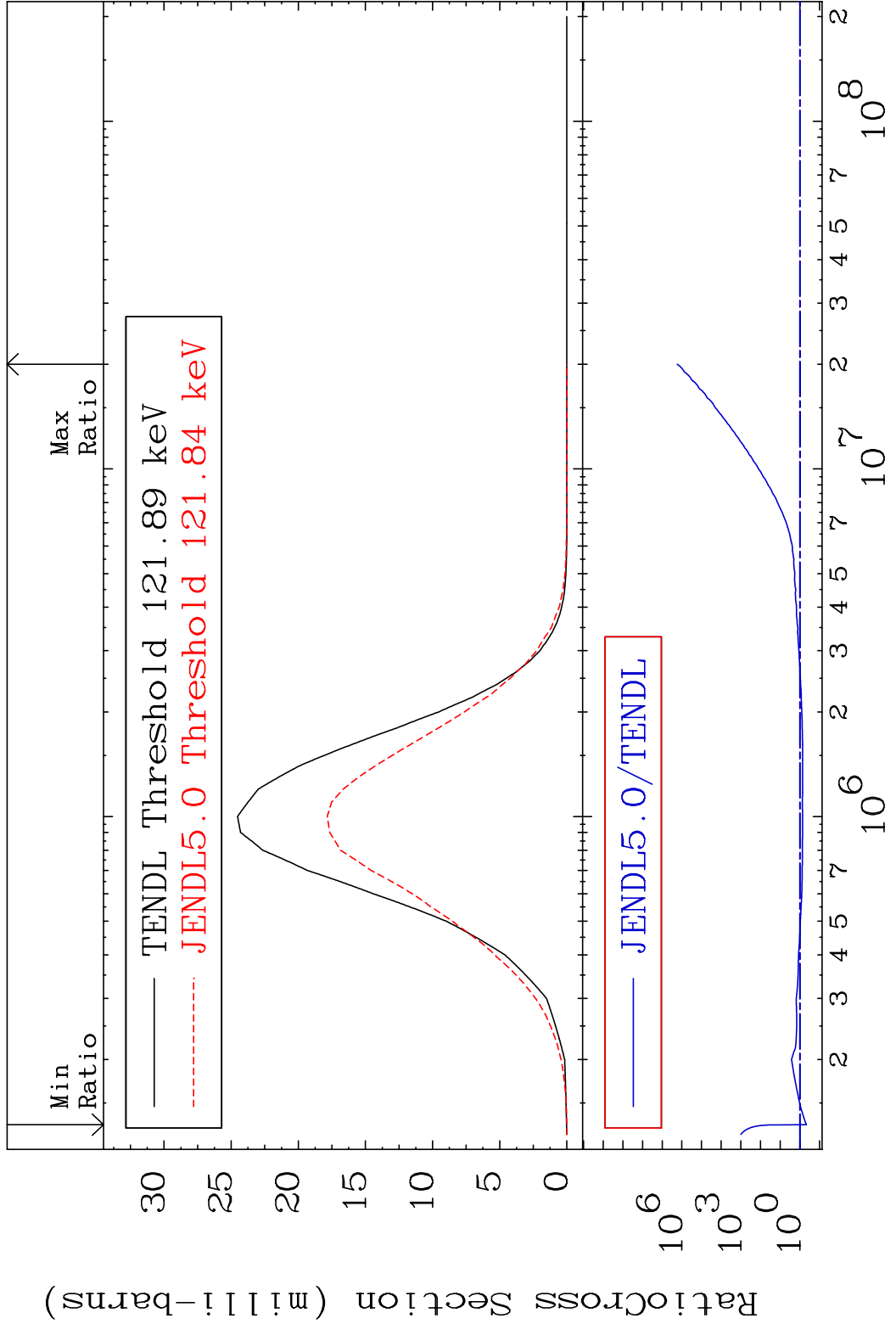
MAT 6434 MT= 54 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %



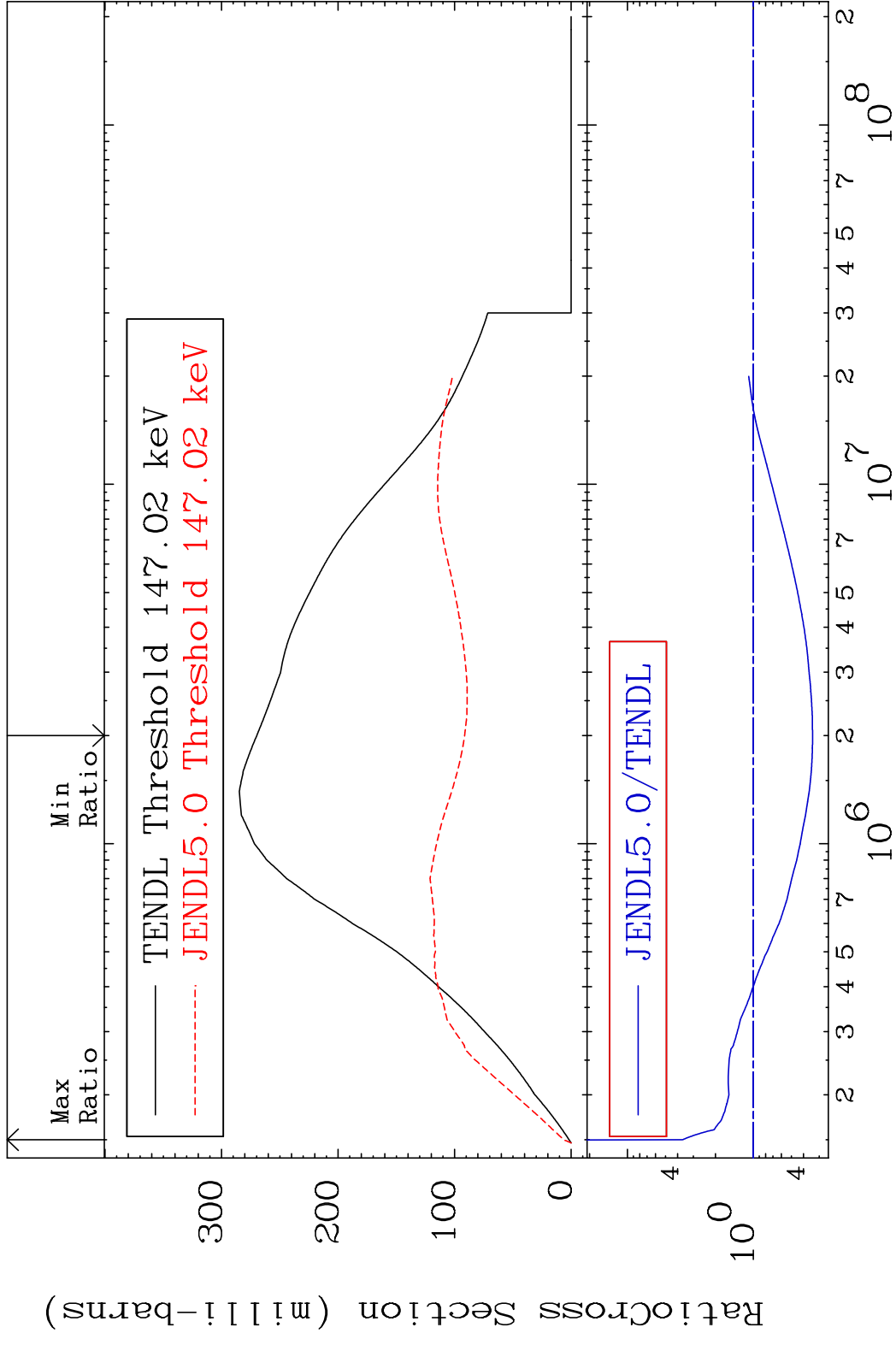
MAT 6434 MT= 55 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %



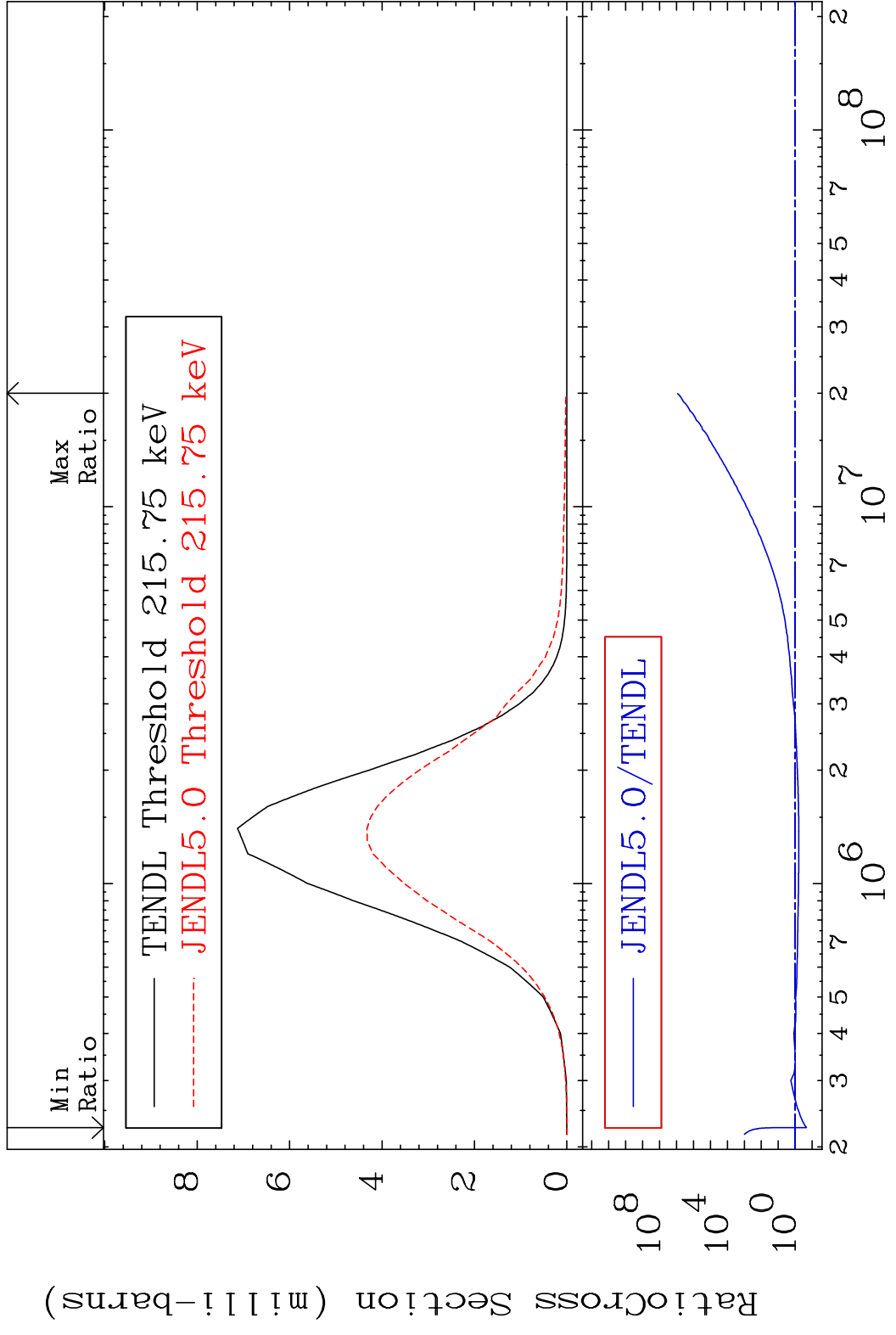
MAT 6434 MT= 56 (n,n') Level 64-Gd-155
 Cross Section -53.69 To 9999. %



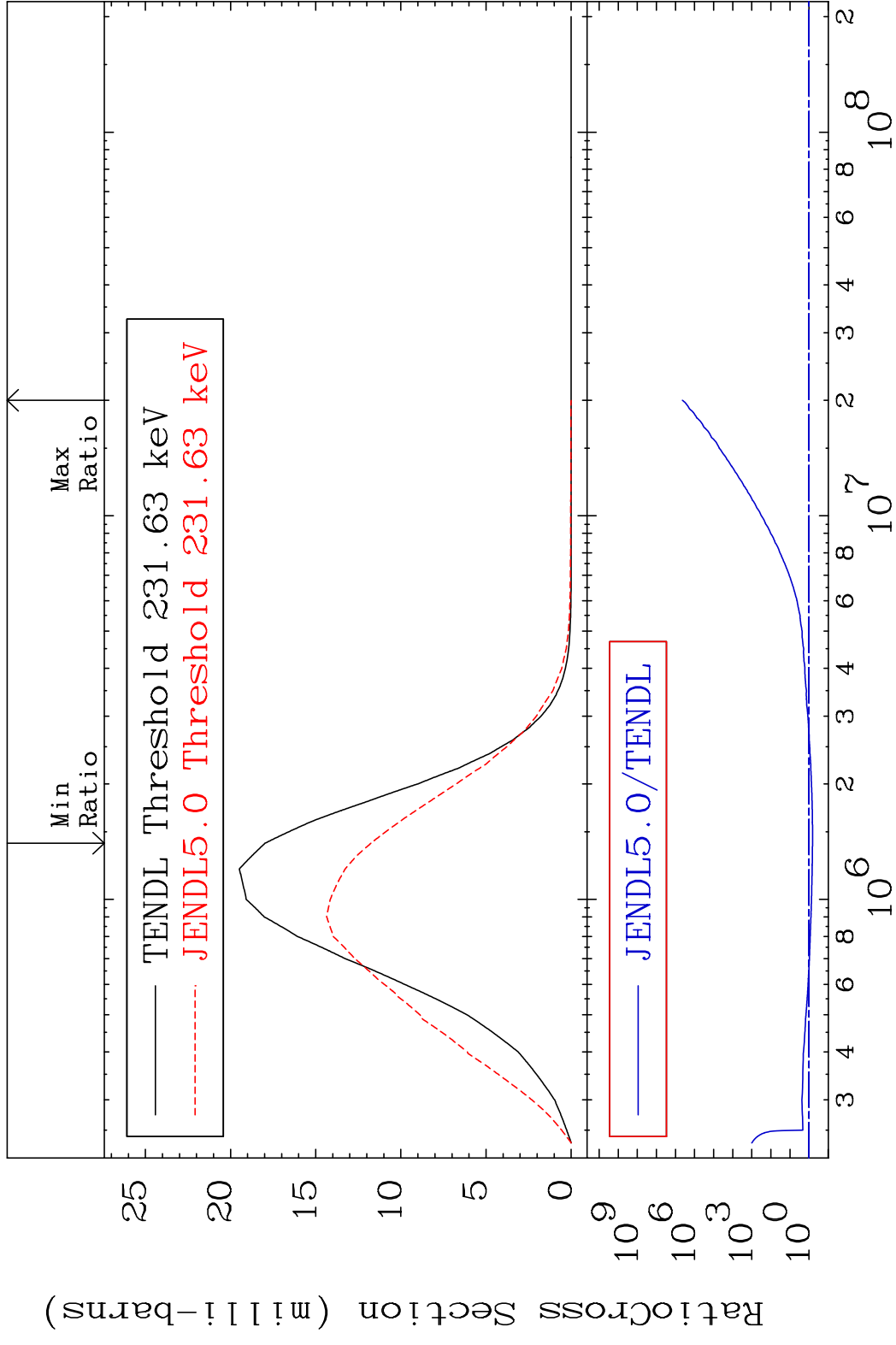
MAT 6434 MT= 57 (n, n') Level 64-Gd-155
 Cross Section -66.10 To 266.8 %



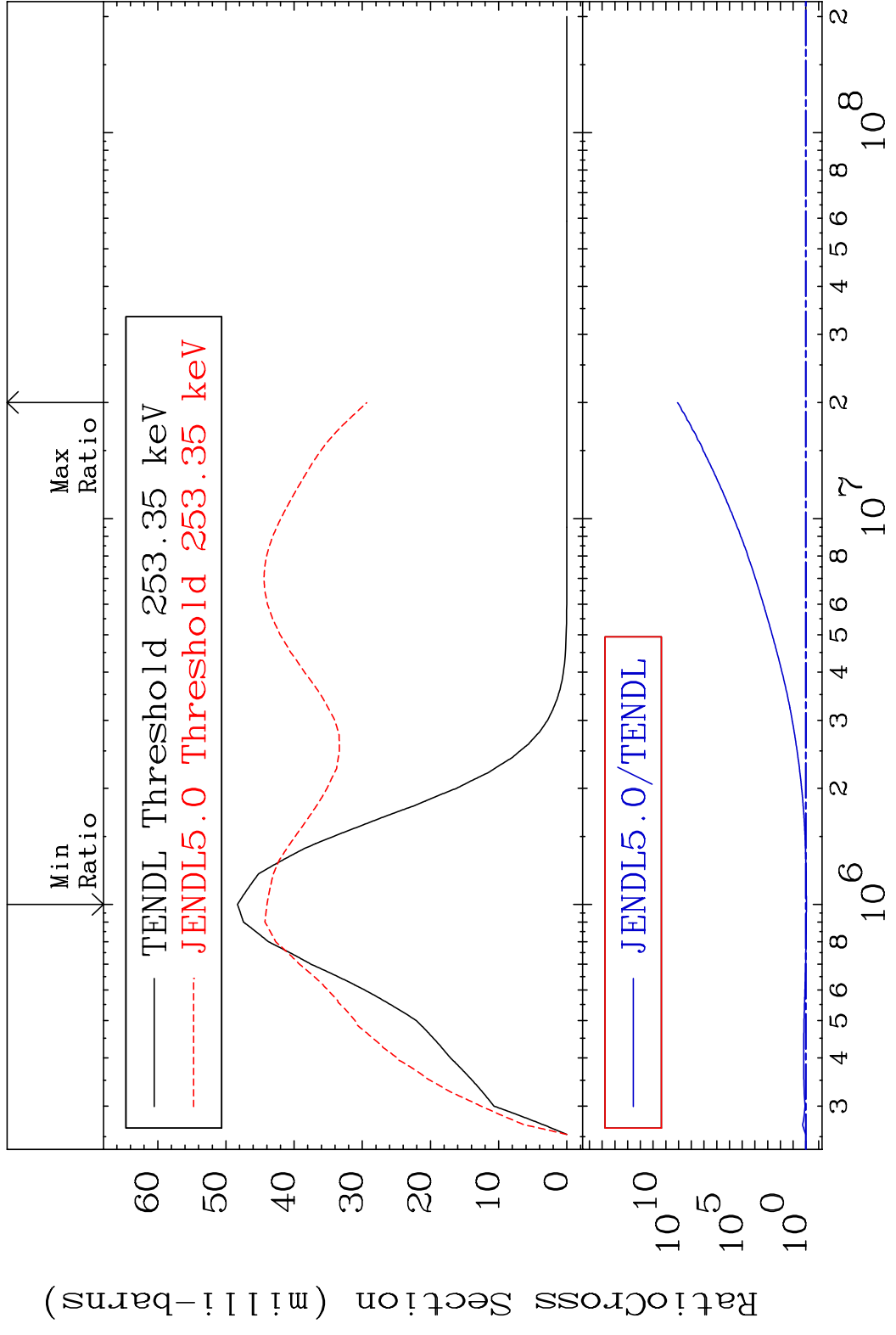
MAT 6434 MT= 58 (n,n') Level 64-Gd-155
 Cross Section -78.22 To 9999. %



MAT 6434 MT= 59 (n, n') Level 64-Gd-155
 Cross Section -34.62 To 9999. %

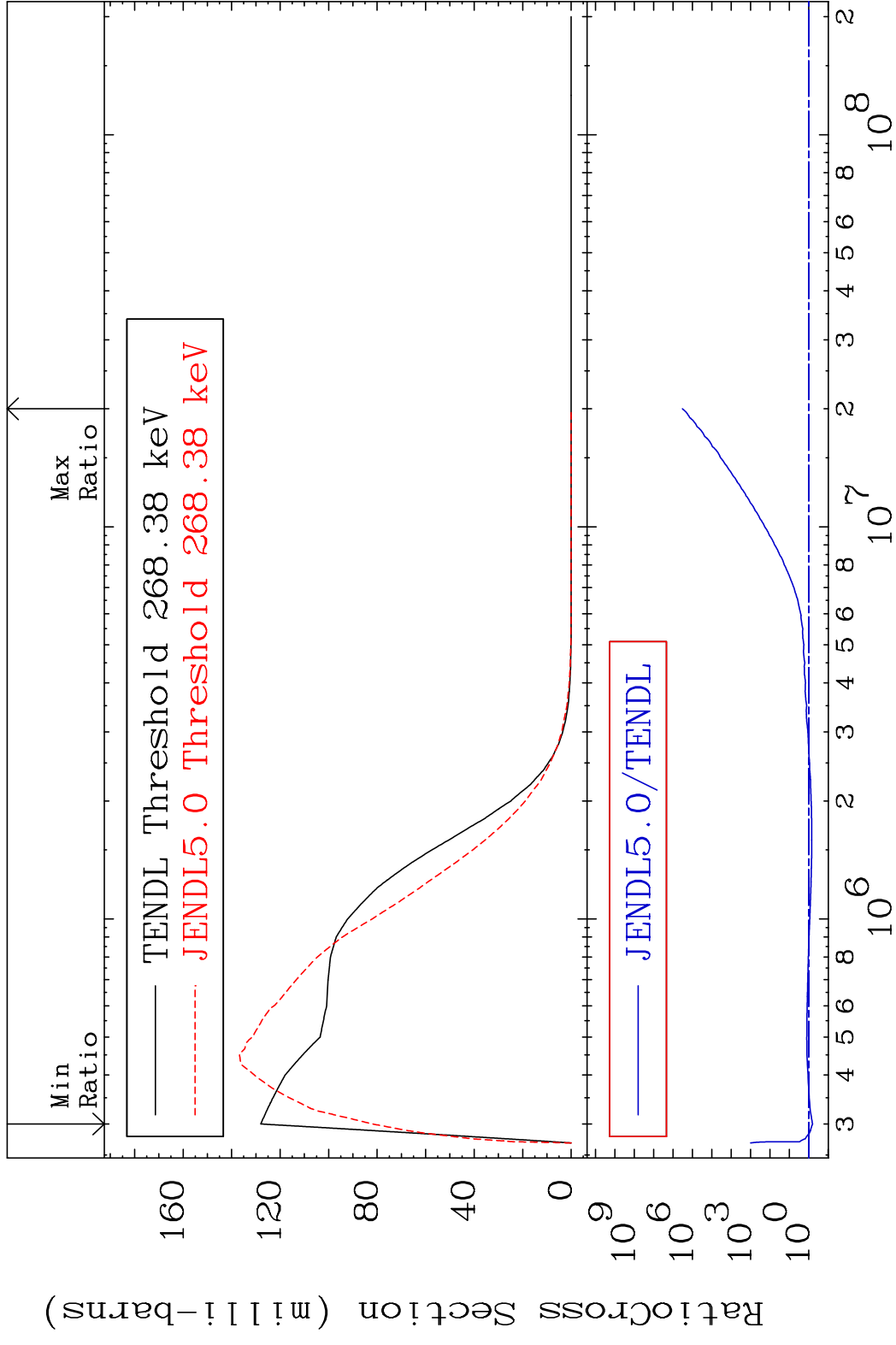


MAT 6434 MT= 60 (n,n') Level 64-Gd-155
 Cross Section -8.939 To 9999. %

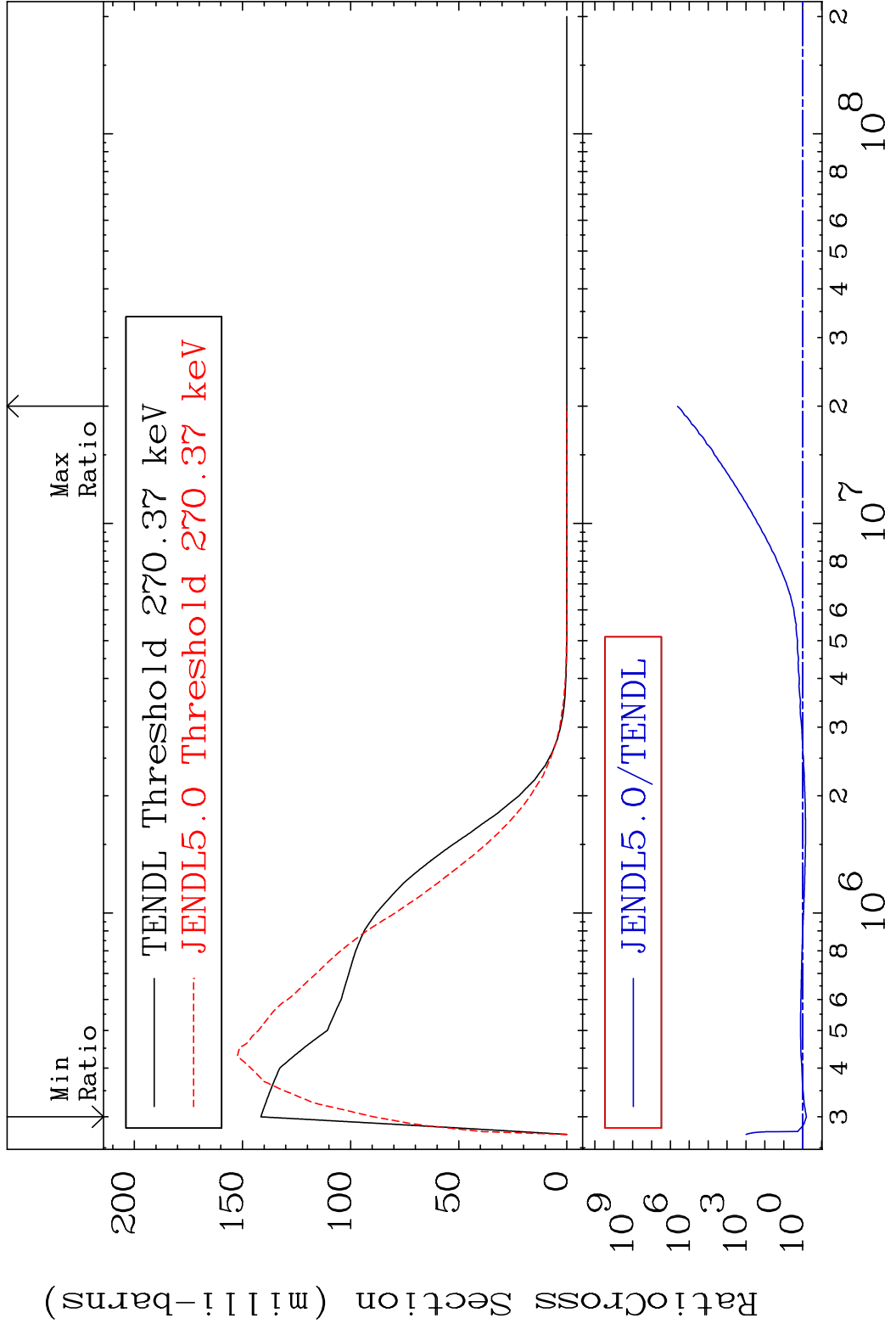


20 Incident Energy (eV) 64-Gd-155

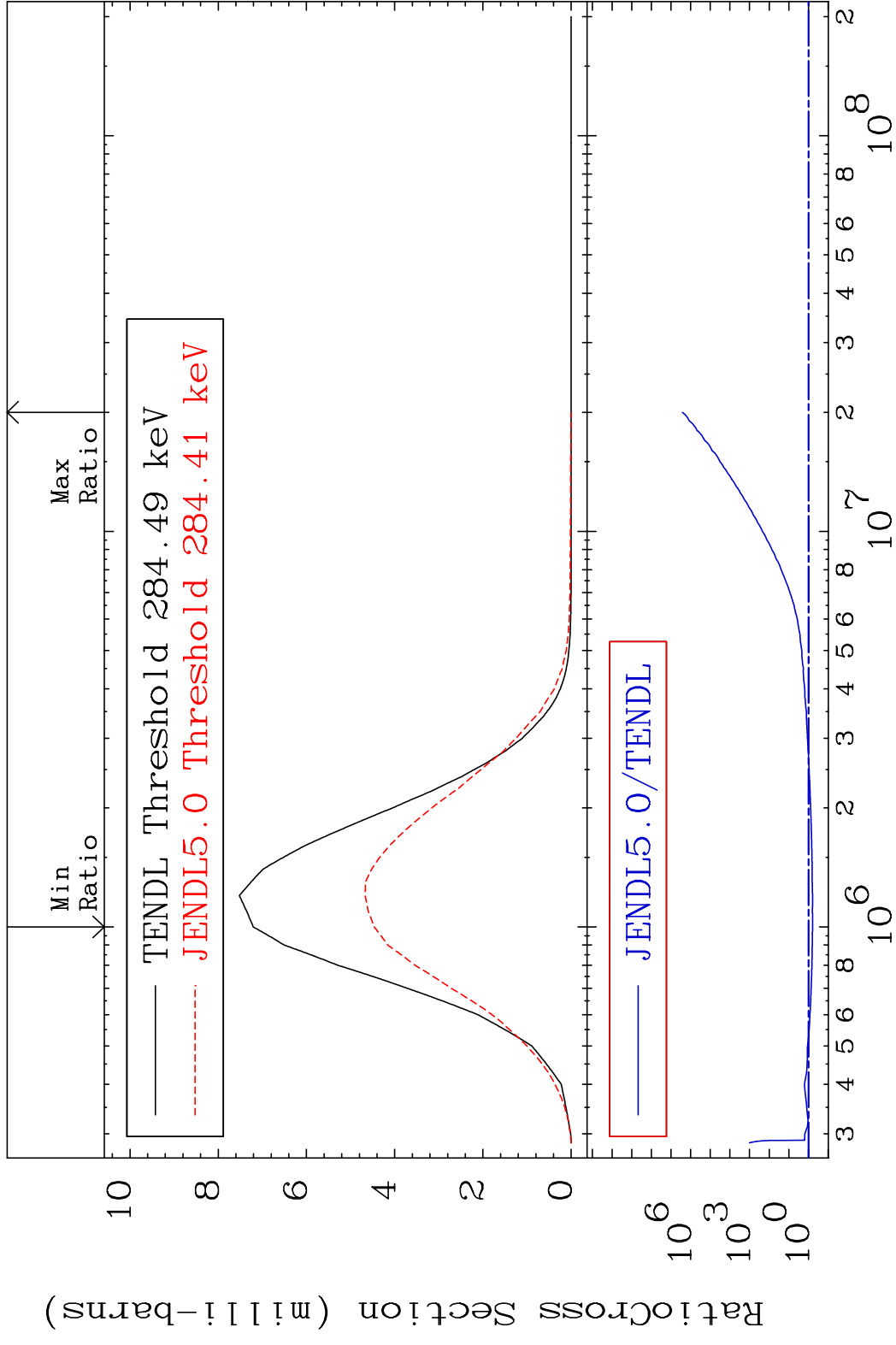
MAT 6434 MT= 61 (n,n') Level 64-Gd-155
 Cross Section -35.98 To 9999. %



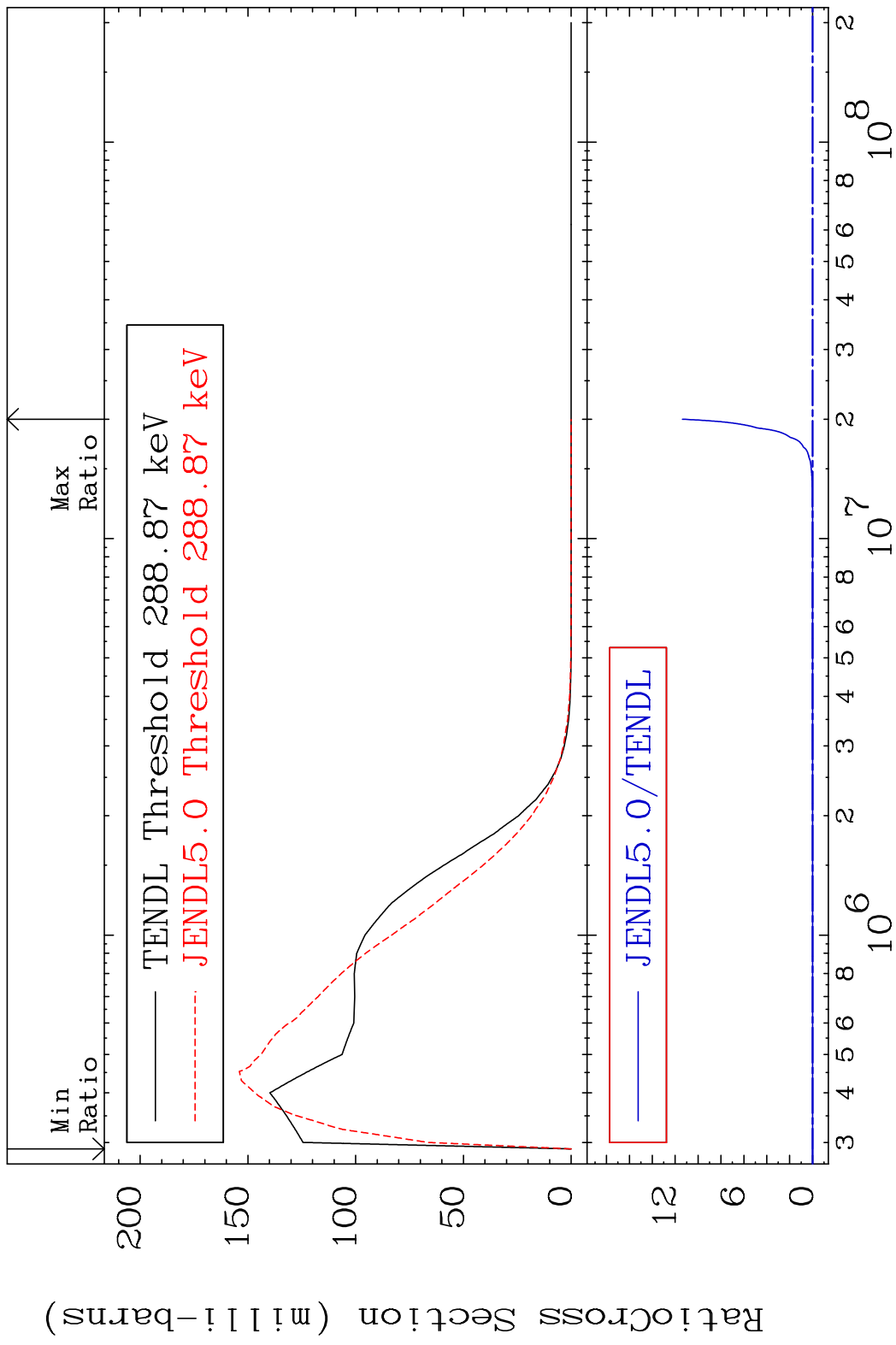
MAT 6434 MT= 62 (n,n') Level 64-Gd-155
 Cross Section -36.80 To 9999. %



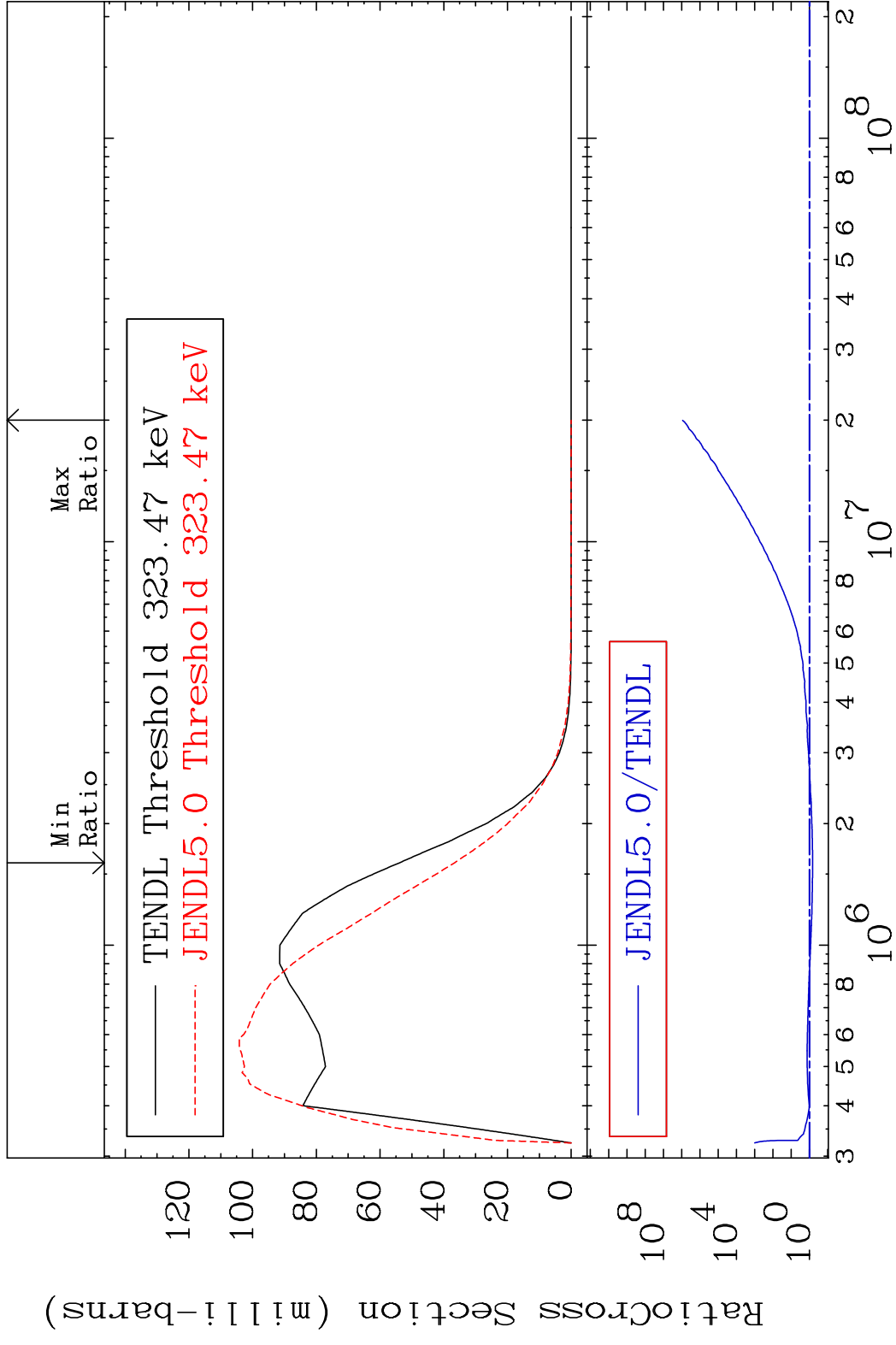
MAT 6434 MT= 63 (n, n') Level 64-Gd-155
 Cross Section -38.03 To 9999. %



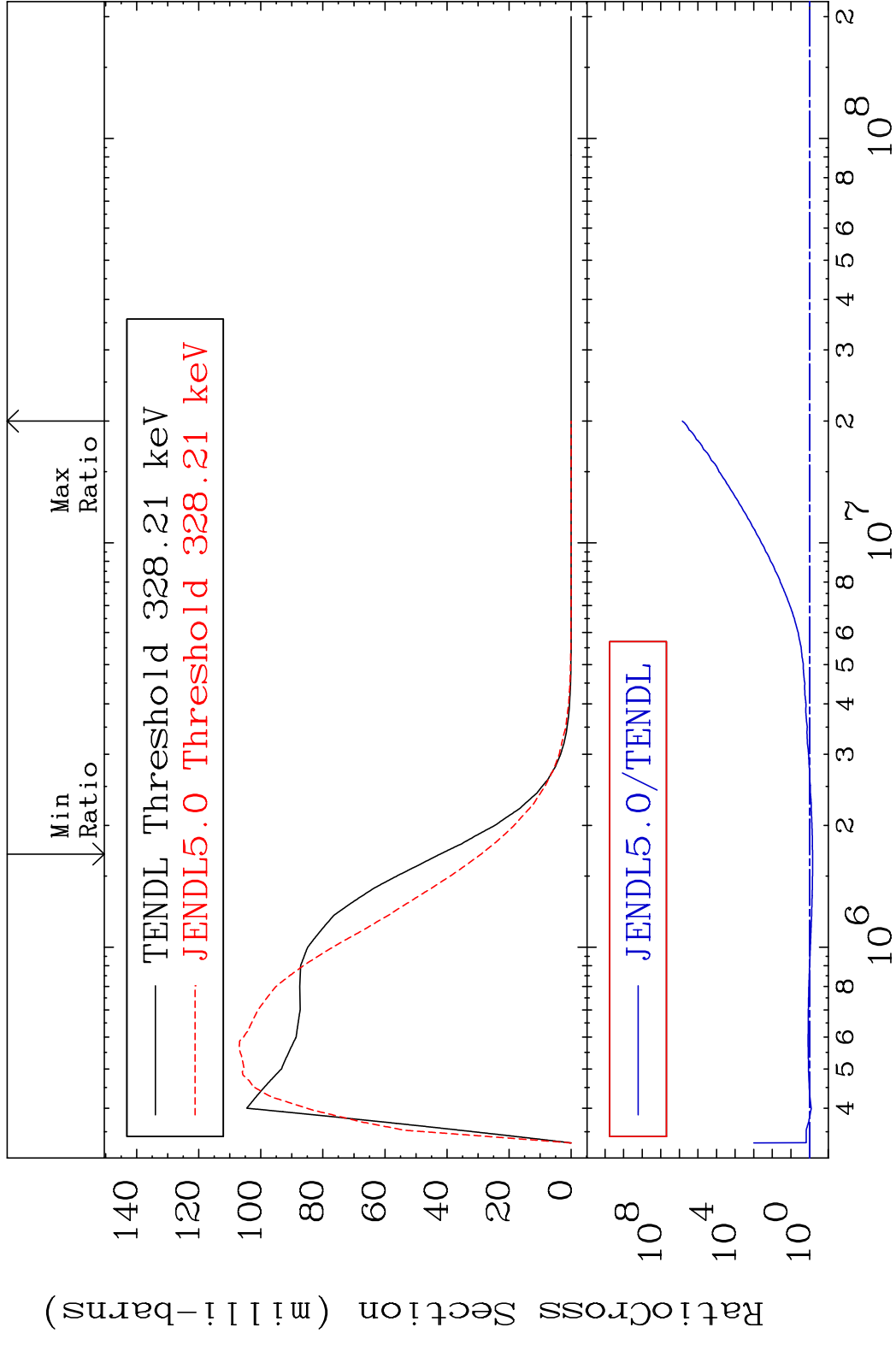
MAT 6434 MT= 64 (n, n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %



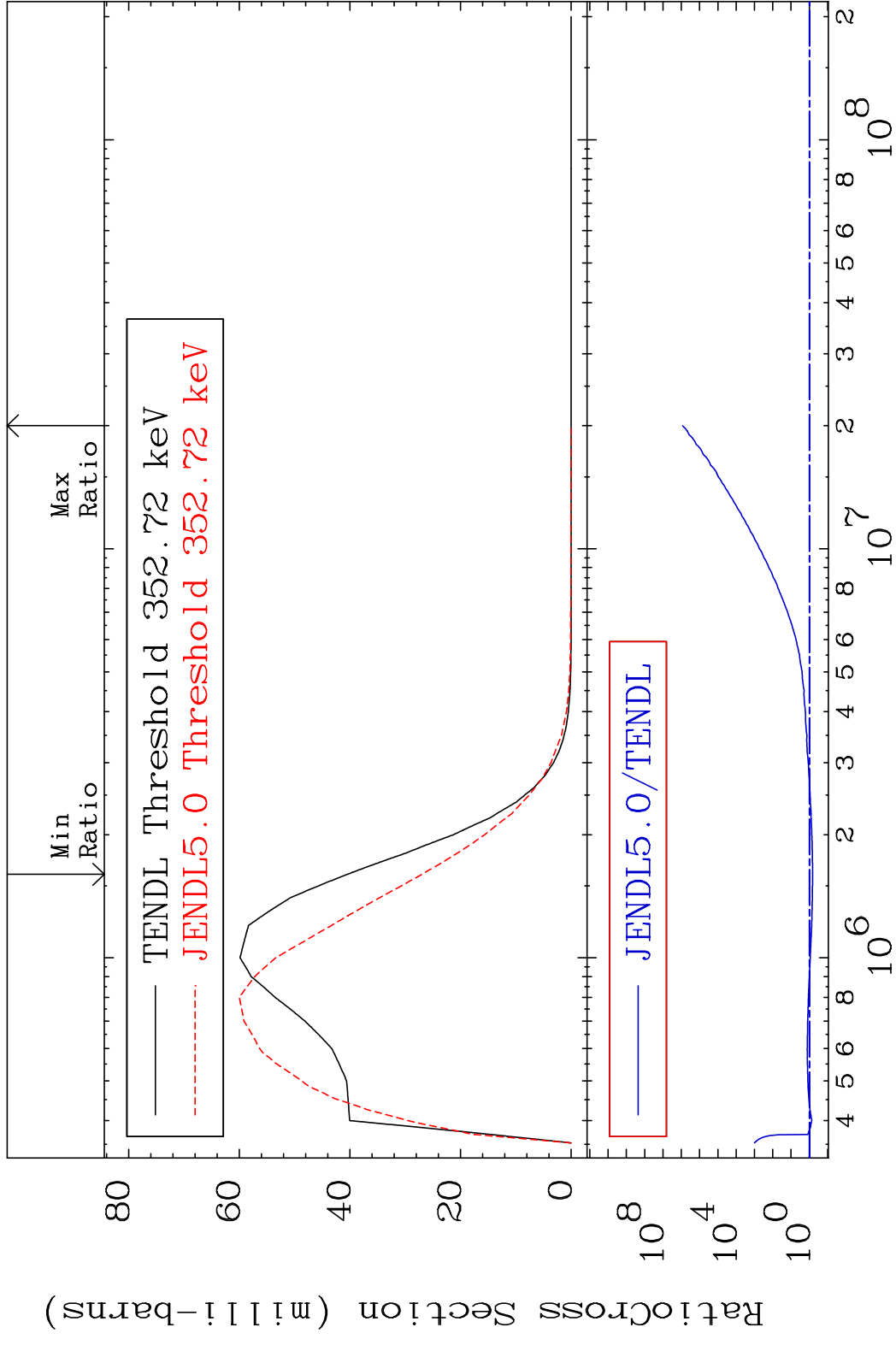
MAT 6434 MT= 65 (n,n') Level 64-Gd-155
 Cross Section -32.02 To 9999. %



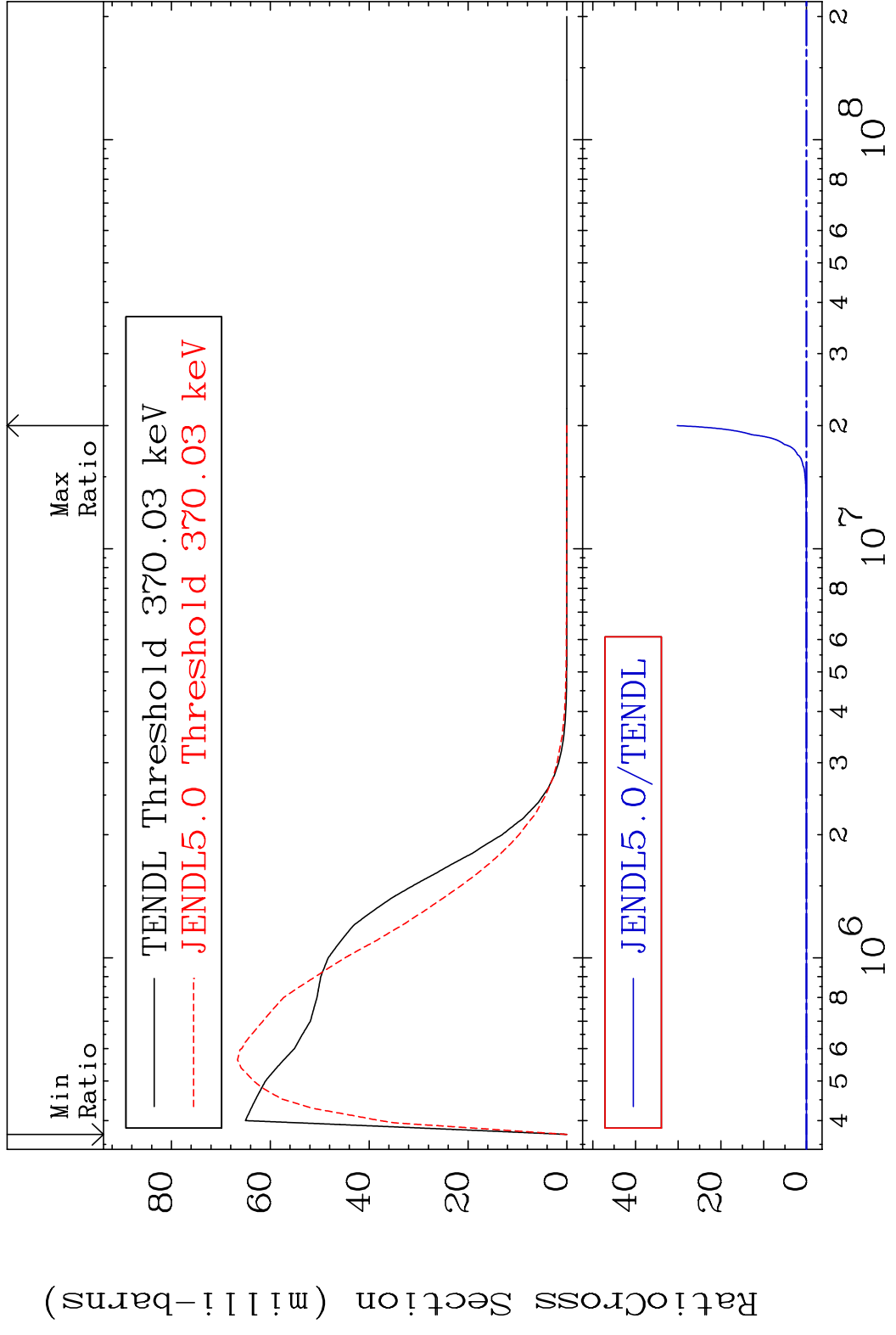
MAT 6434 MT= 66 (n, n') Level 64-Gd-155
 Cross Section -31.23 To 9999. %



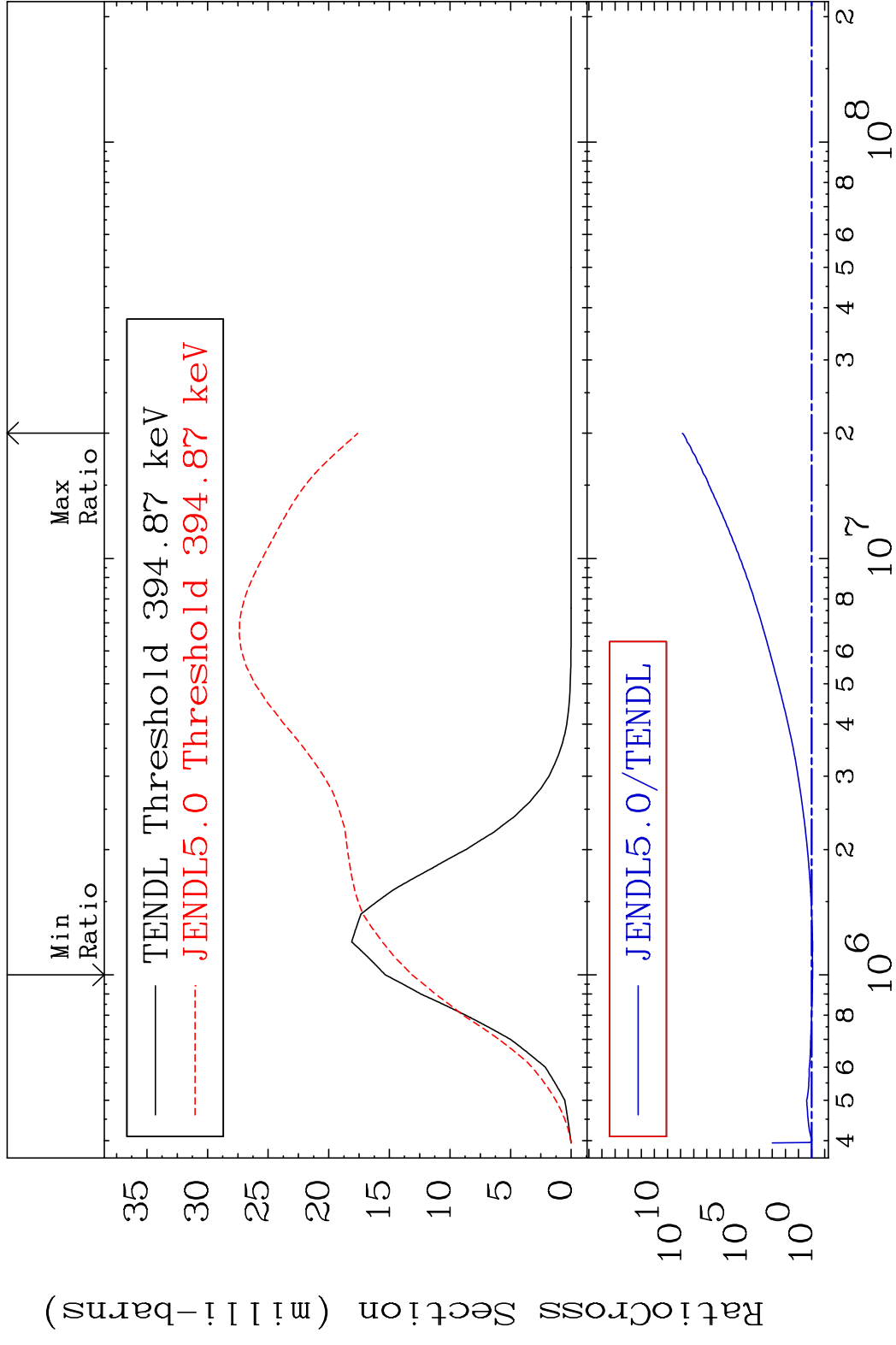
MAT 6434 MT= 67 (n,n') Level 64-Gd-155
 Cross Section -33.34 To 9999. %



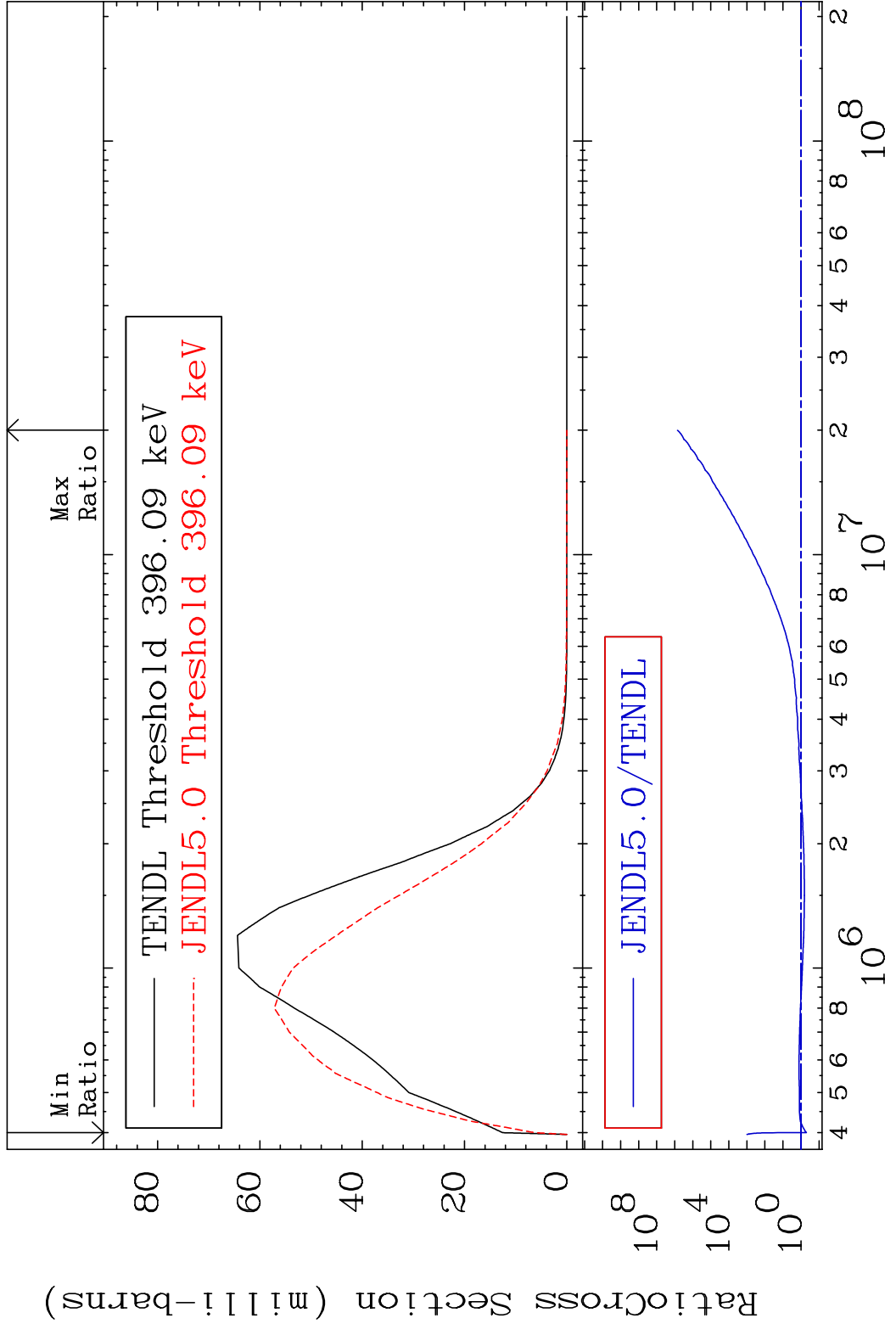
MAT 6434 MT= 68 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %



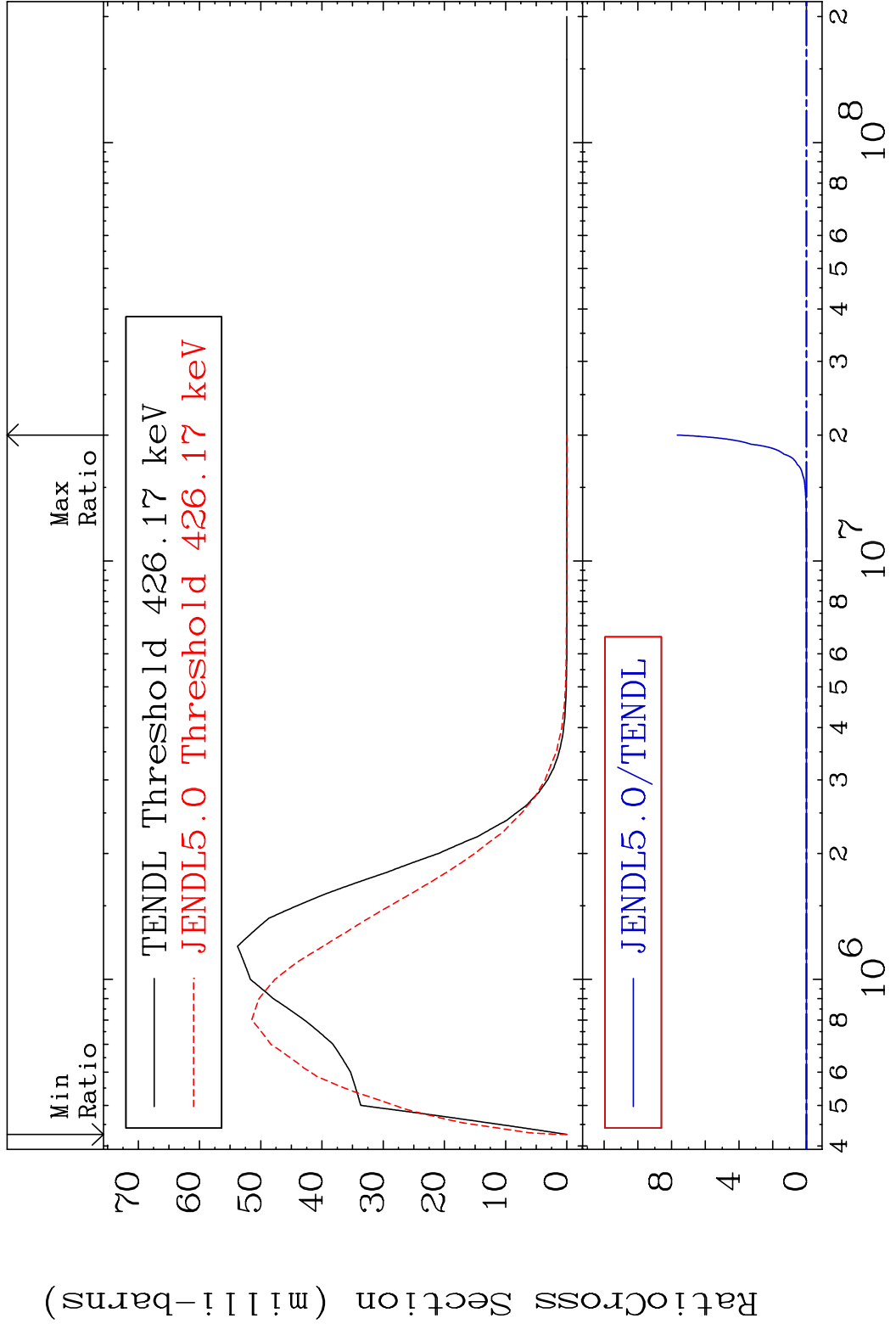
MAT 6434 MT= 69 (n,n') Level 64-Gd-155
 Cross Section -14.40 To 9999. %



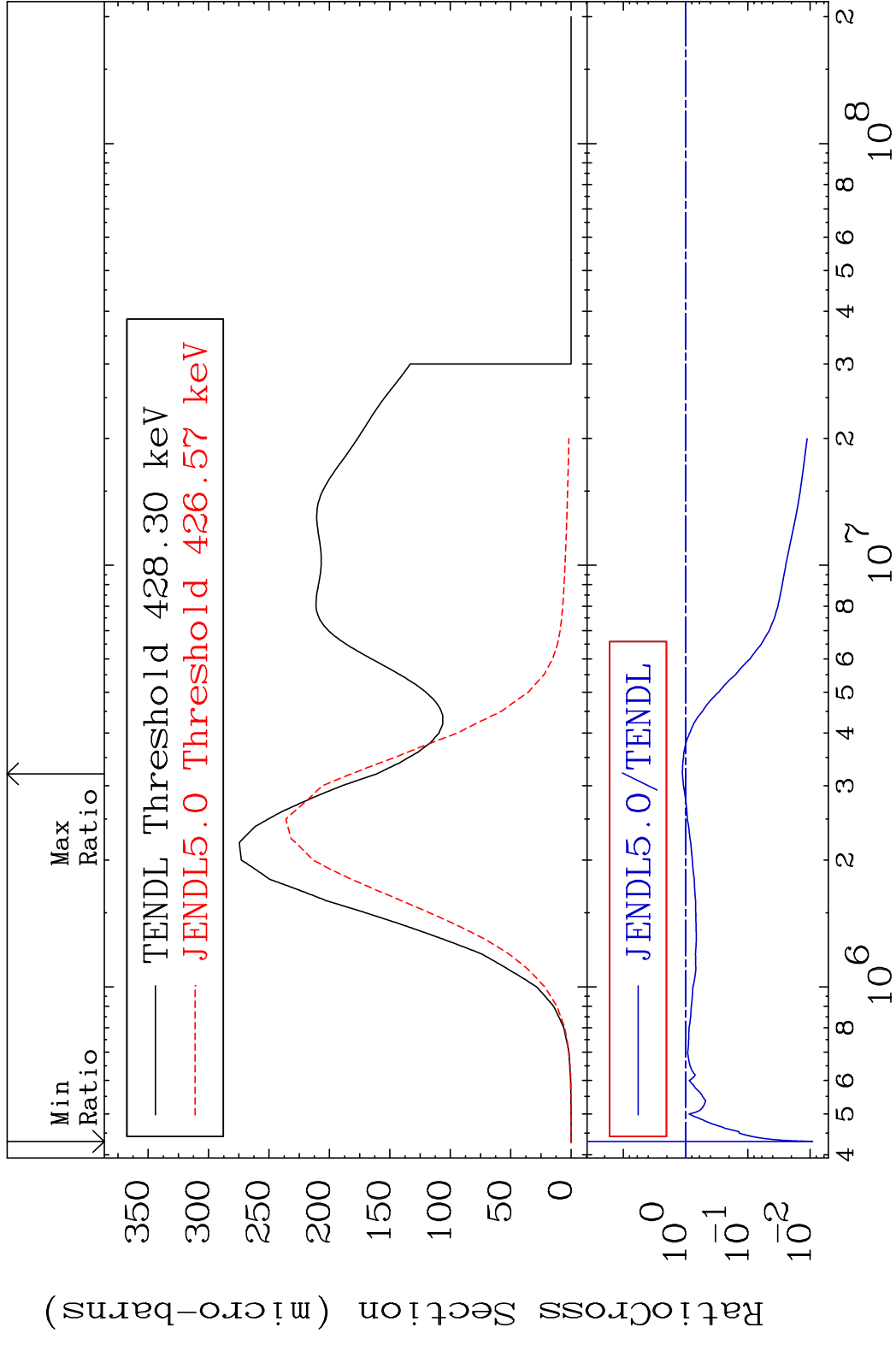
MAT 6434 MT= 70 (n,n') Level 64-Gd-155
 Cross Section -49.96 To 9999. %



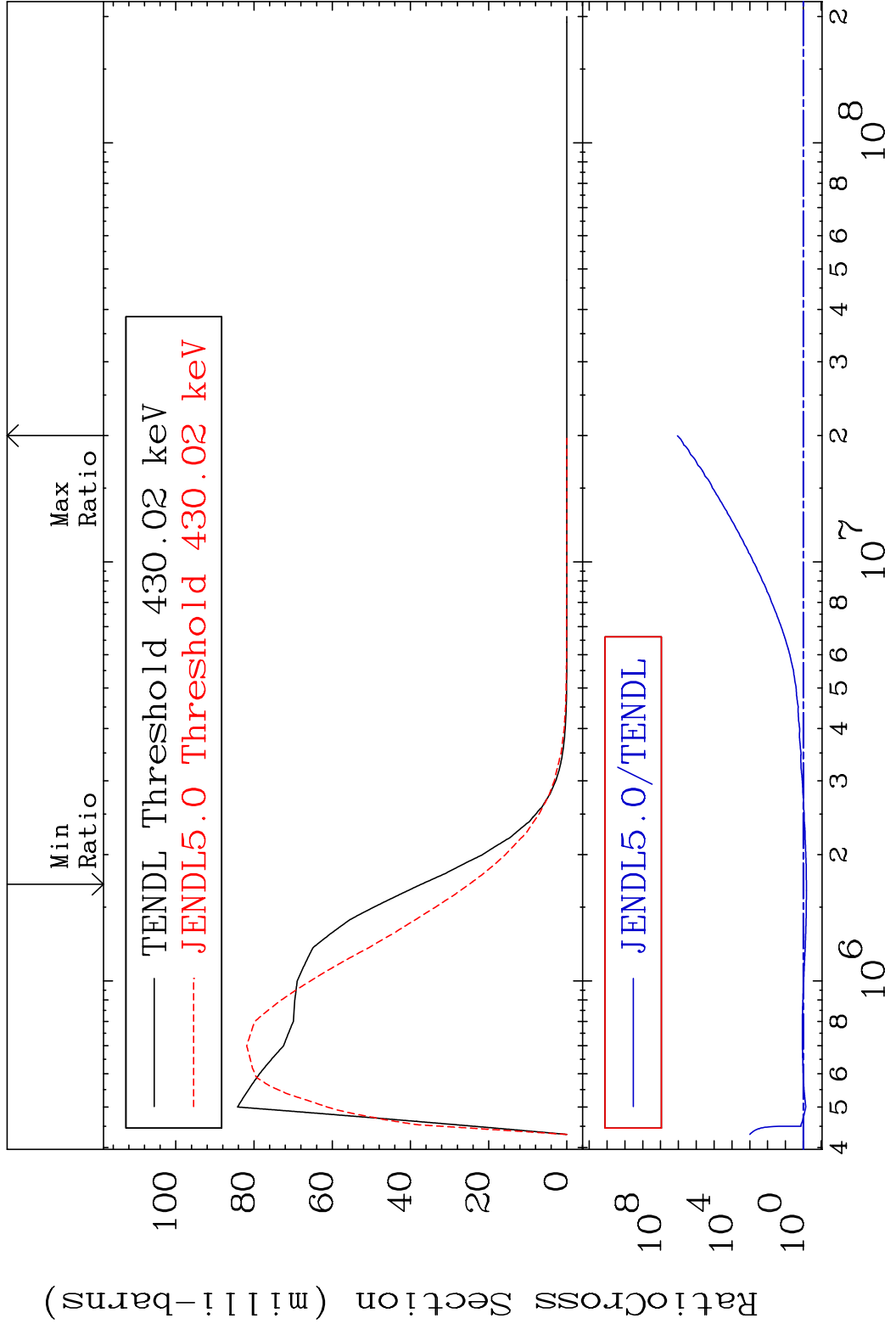
MAT 6434 MT= 71 (n, n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %



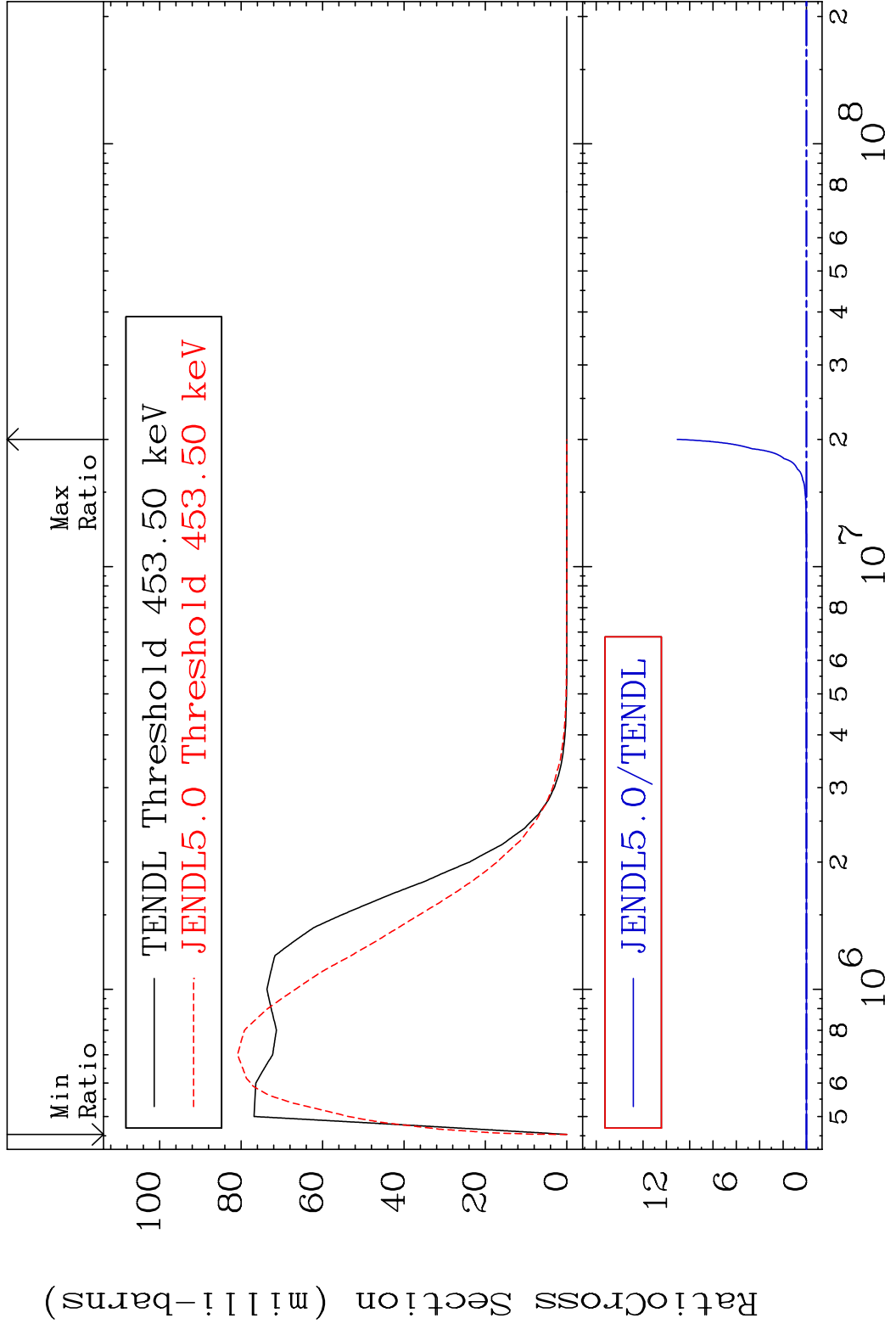
MAT 6434 MT= 72 (n, n') Level 64-Gd-155
 Cross Section -99.08 To 13.07 %



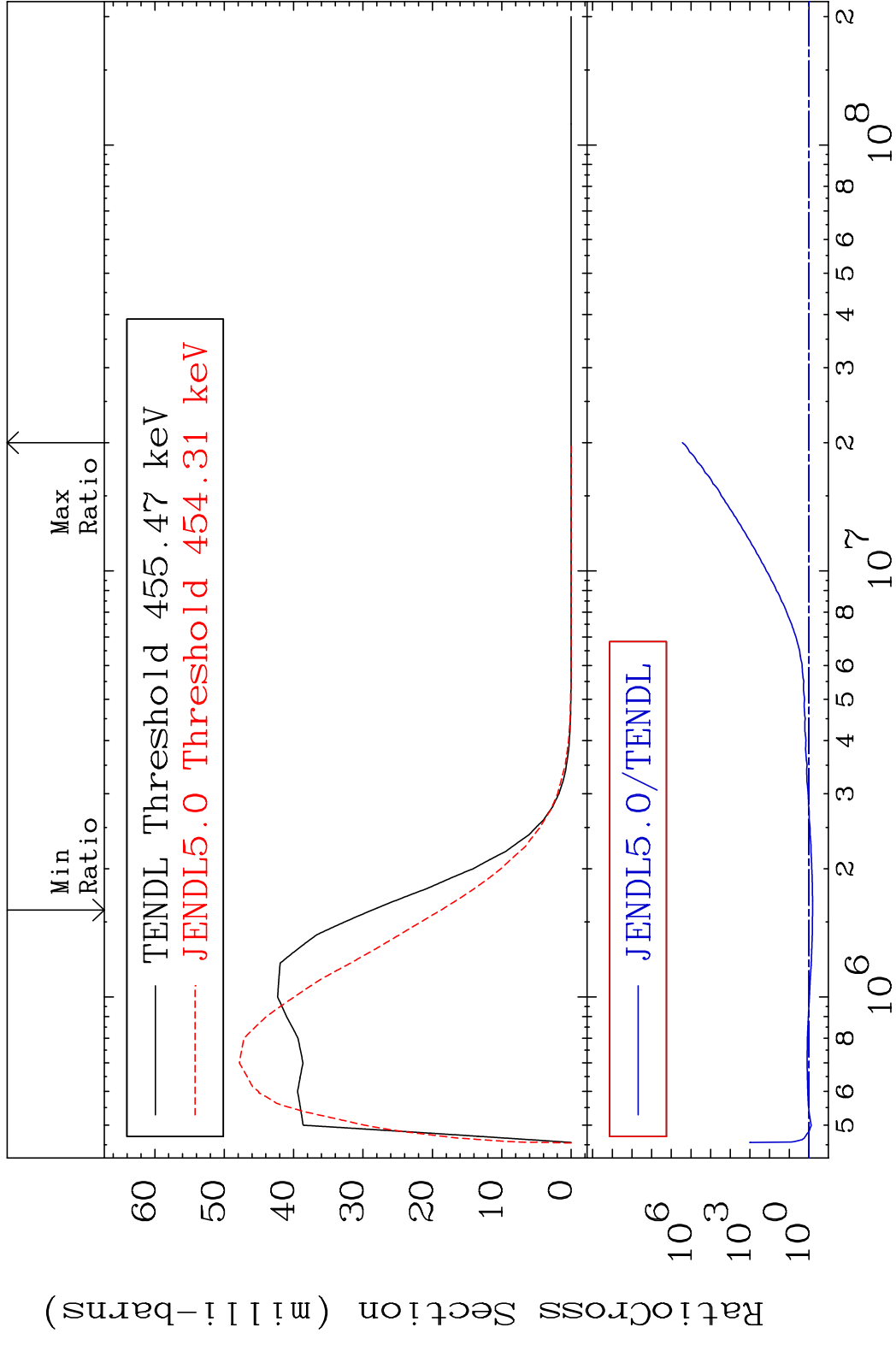
MAT 6434 MT= 73 (n, n') Level 64-Gd-155
 Cross Section -33.00 To 9999. %



MAT 6434 MT= 74 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %

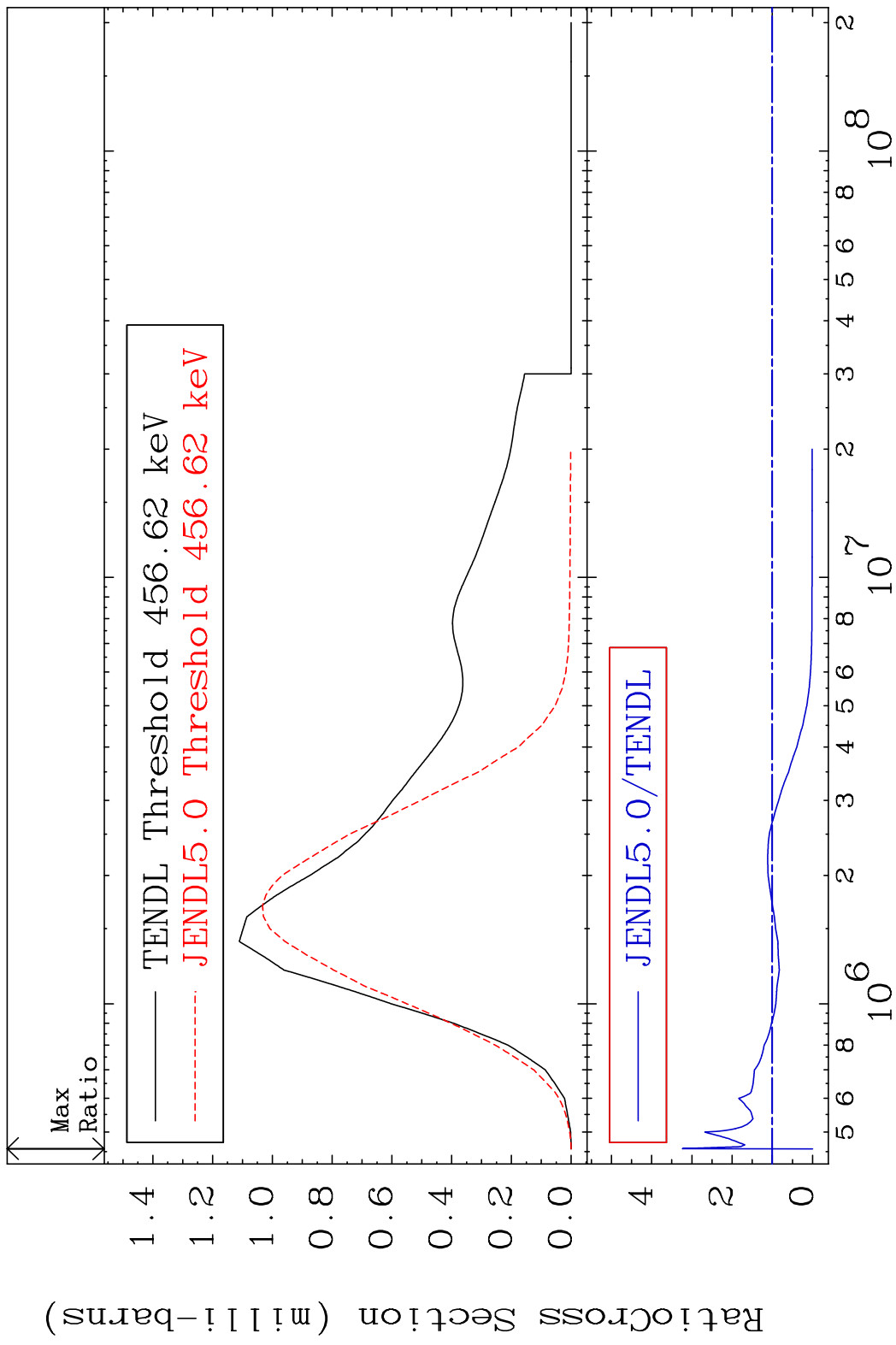


MAT 6434 MT= 75 (n, n') Level 64-Gd-155
 Cross Section -34.58 To 9999. %

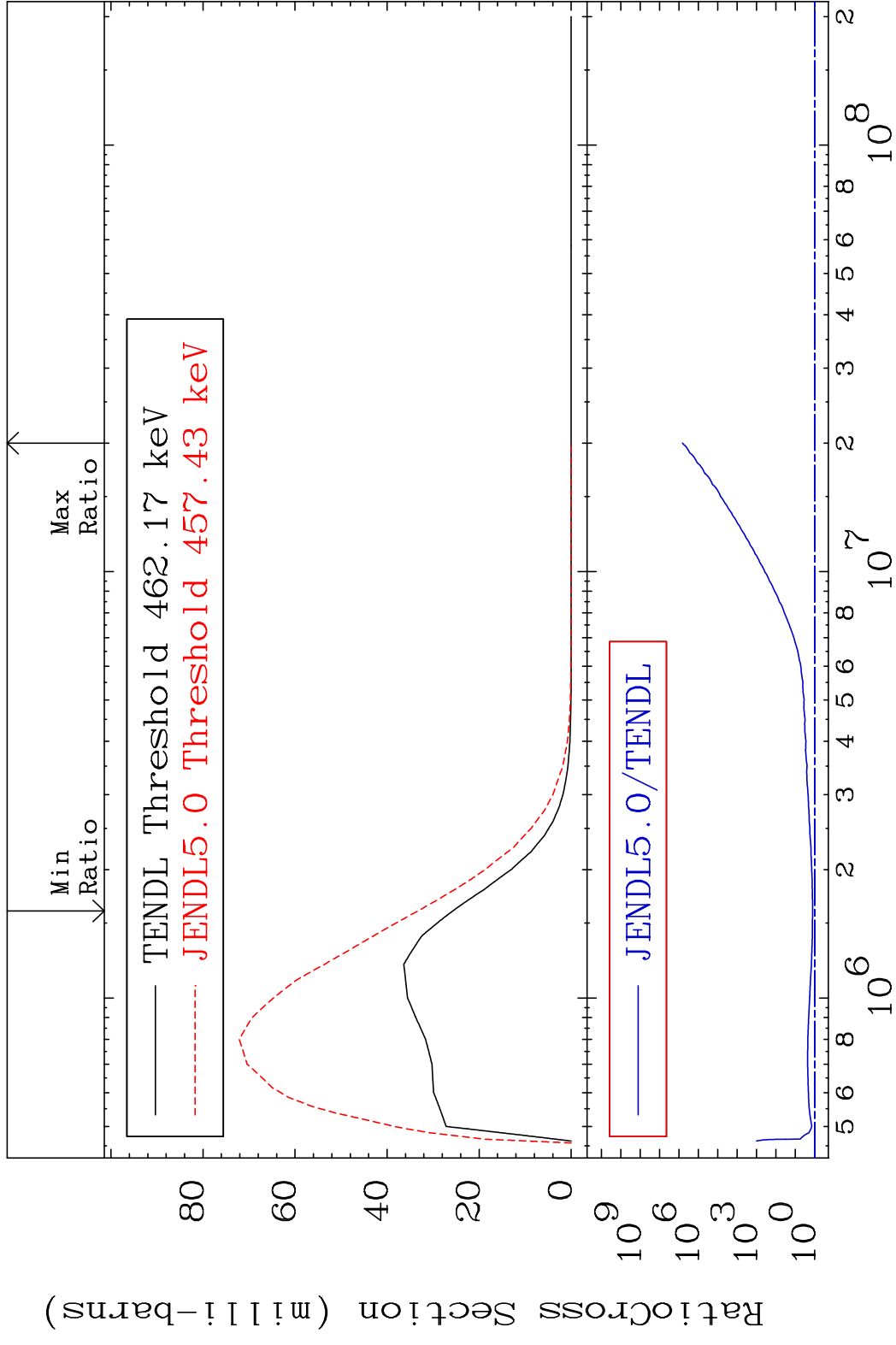


35 Incident Energy (eV) 64-Gd-155

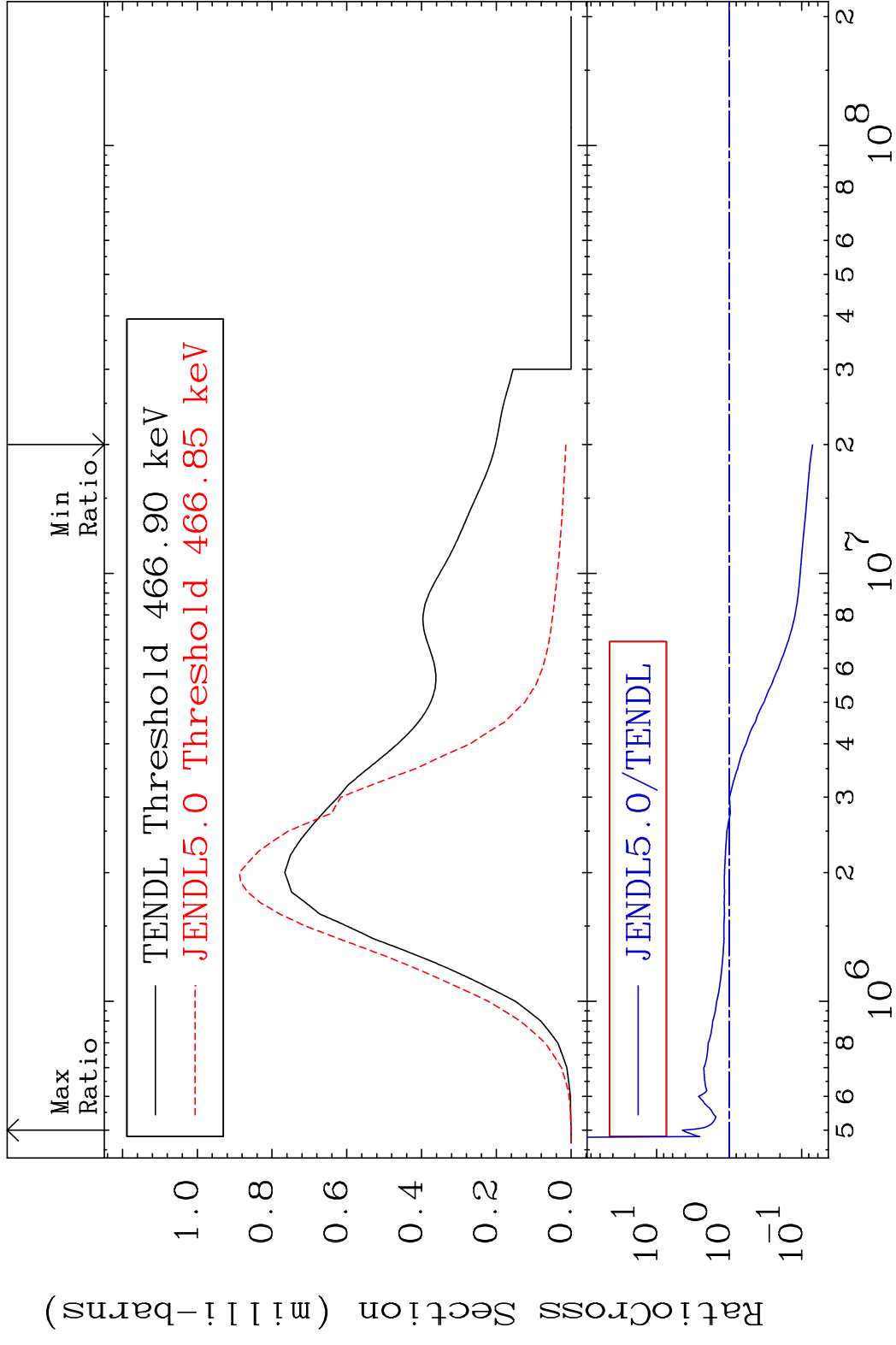
MAT 6434 MT= 76 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 223.7 %



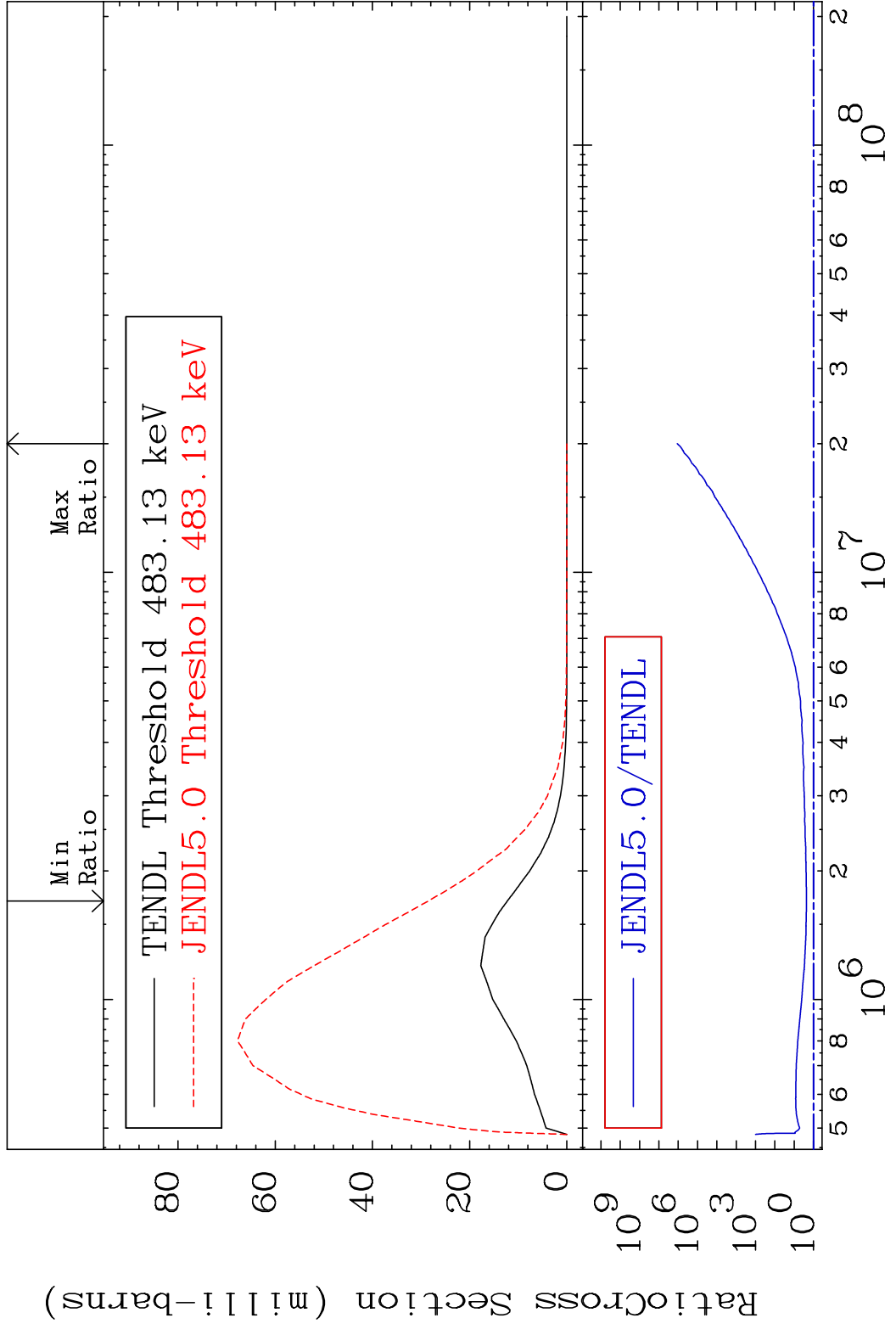
MAT 6434 MT= 77 (n, n') Level 64-Gd-155
 Cross Section 29.30 To 9999. %



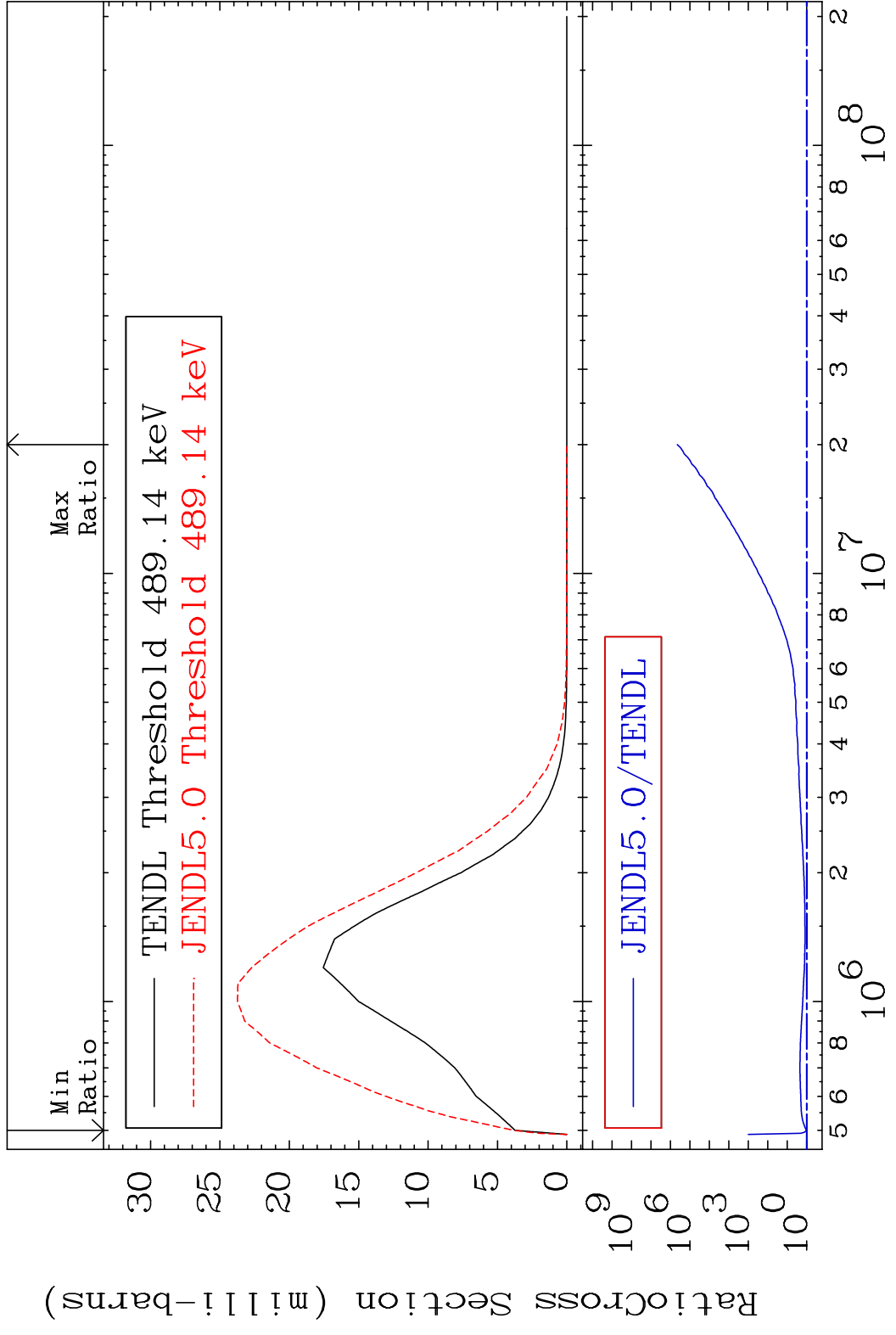
MAT 6434 MT= 78 (n, n') Level 64-Gd-155
 Cross Section -92.90 To 341.1 %



MAT 6434 MT= 79 (n, n') Level 64-Gd-155
 Cross Section 132.7 To 9999. %



MAT 6434 MT= 80 (n, n') Level 64-Gd-155
 Cross Section 2.883 To 9999. %



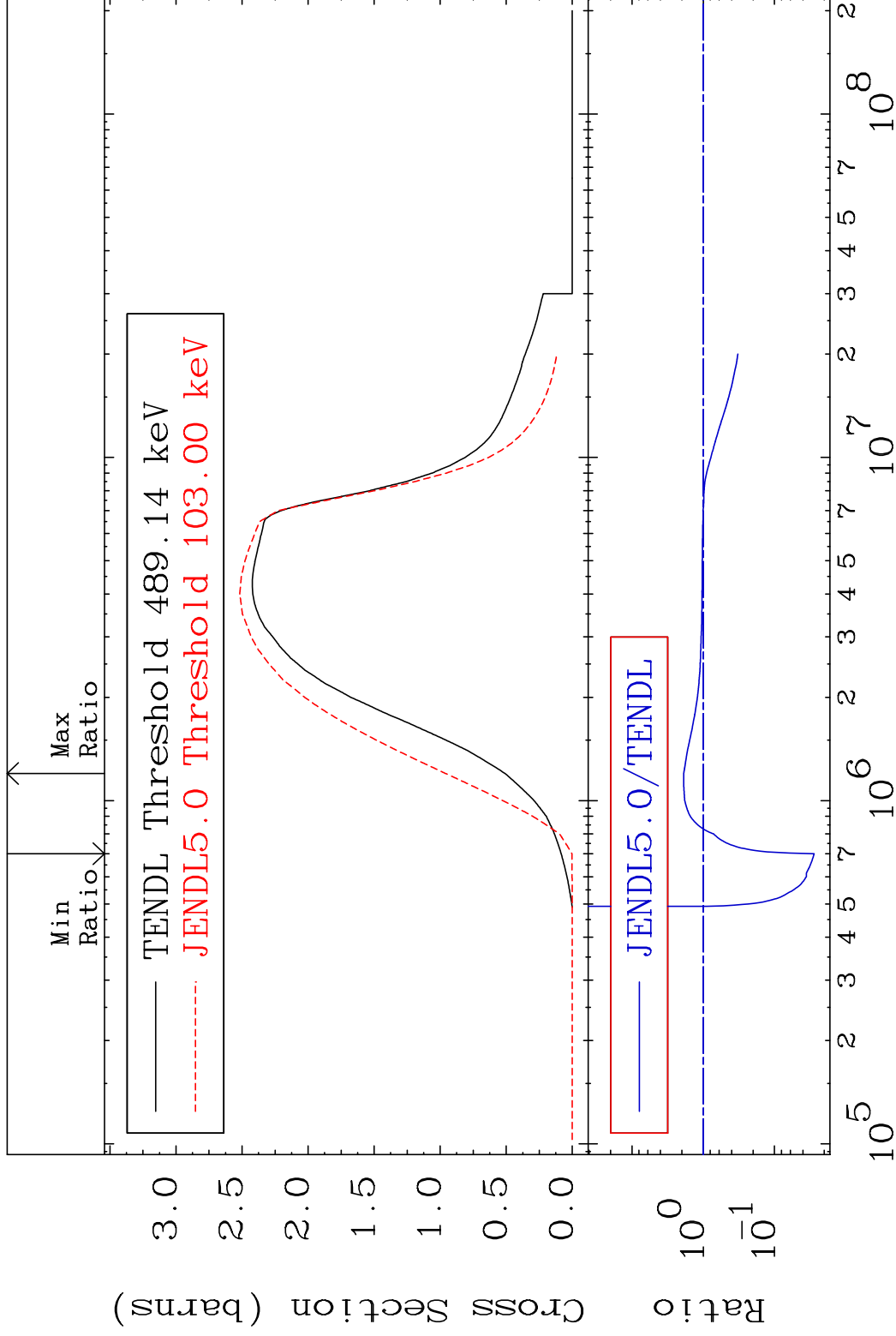
40 Incident Energy (eV) 64-Gd-155

MAT 6434

(n, n') Continuum

64-Gd-155

Cross Section -97.22 To 88.48 %



41

Incident Energy (eV)

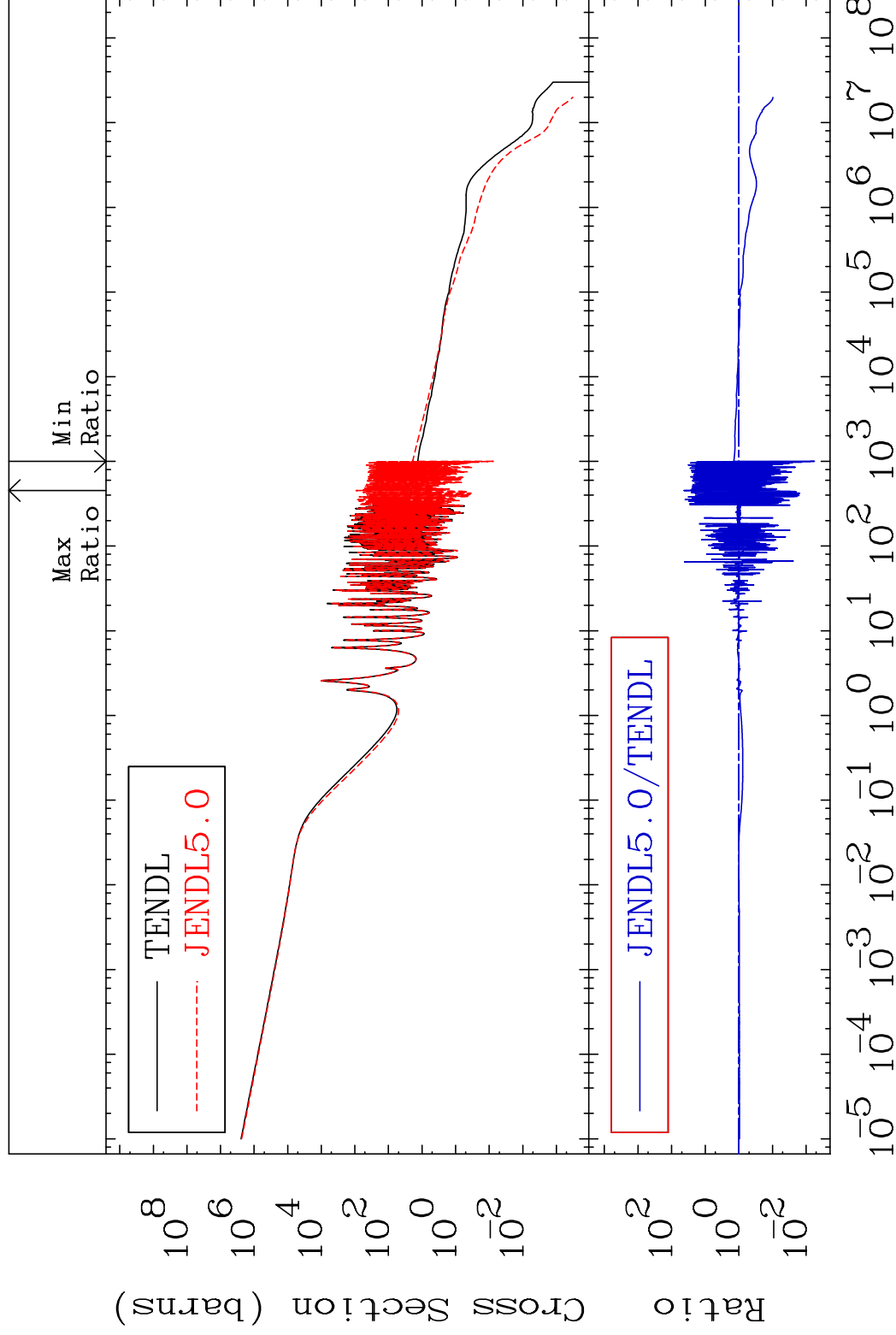
64-Gd-155

MAT 6434

(n, γ)

64-Gd-155

Cross Section -99.43 To 4164. %



42

Incident Energy (eV)

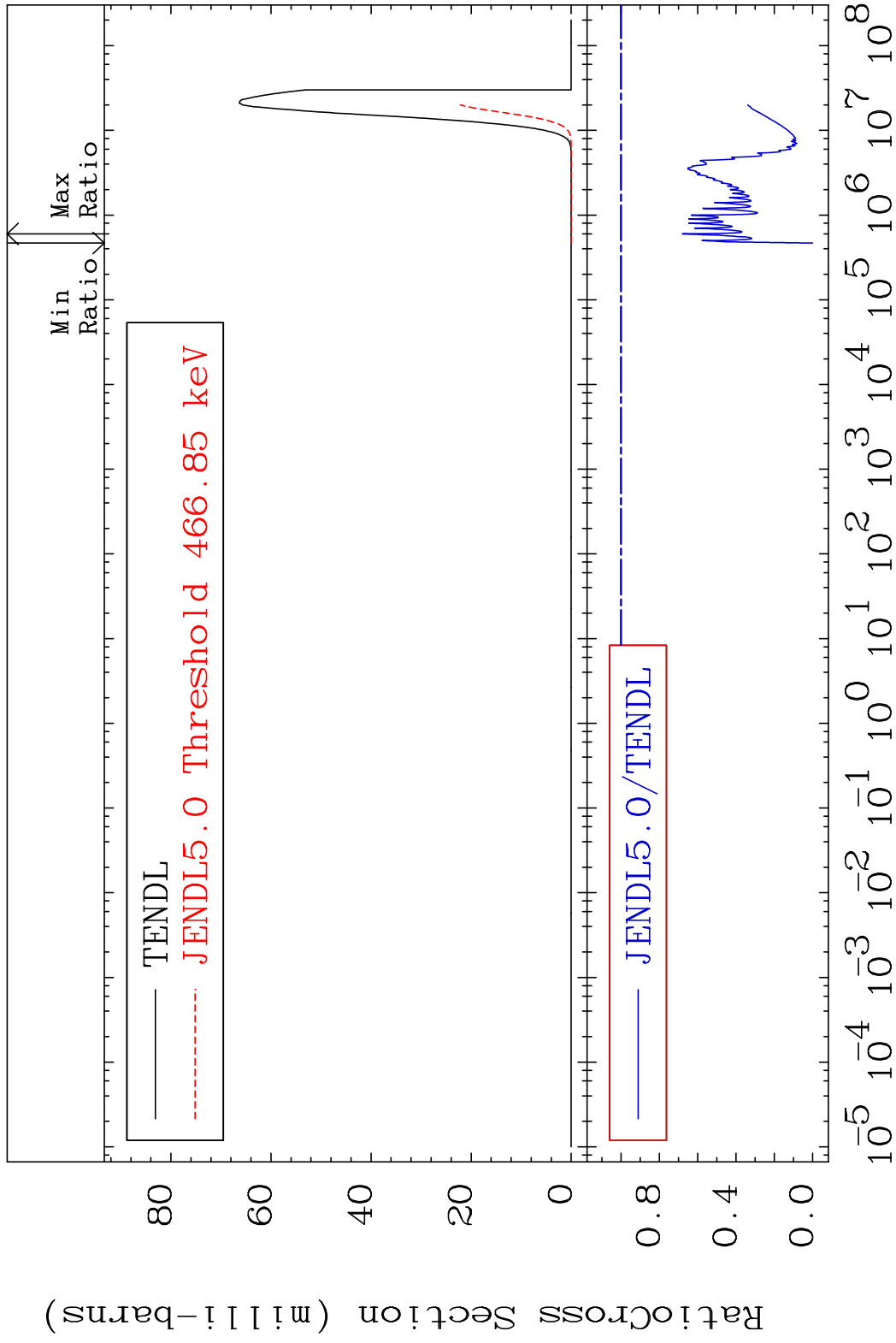
64-Gd-155

MAT 6434

(n, p)

64-Gd-155

Cross Section -100.0 To -32.03%



43

Incident Energy (eV)

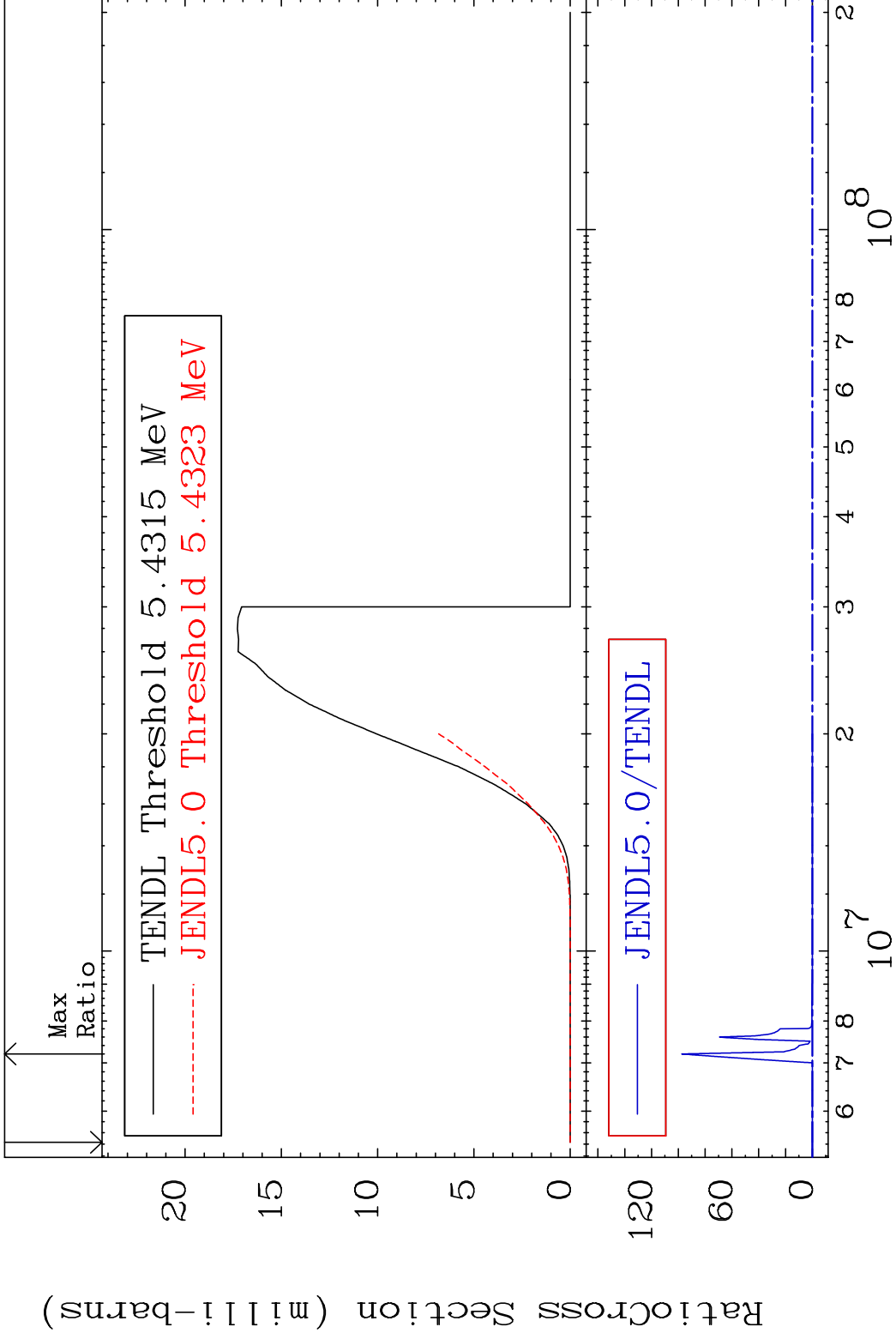
64-Gd-155

MAT 6434

(n,d)

64-Gd-155

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

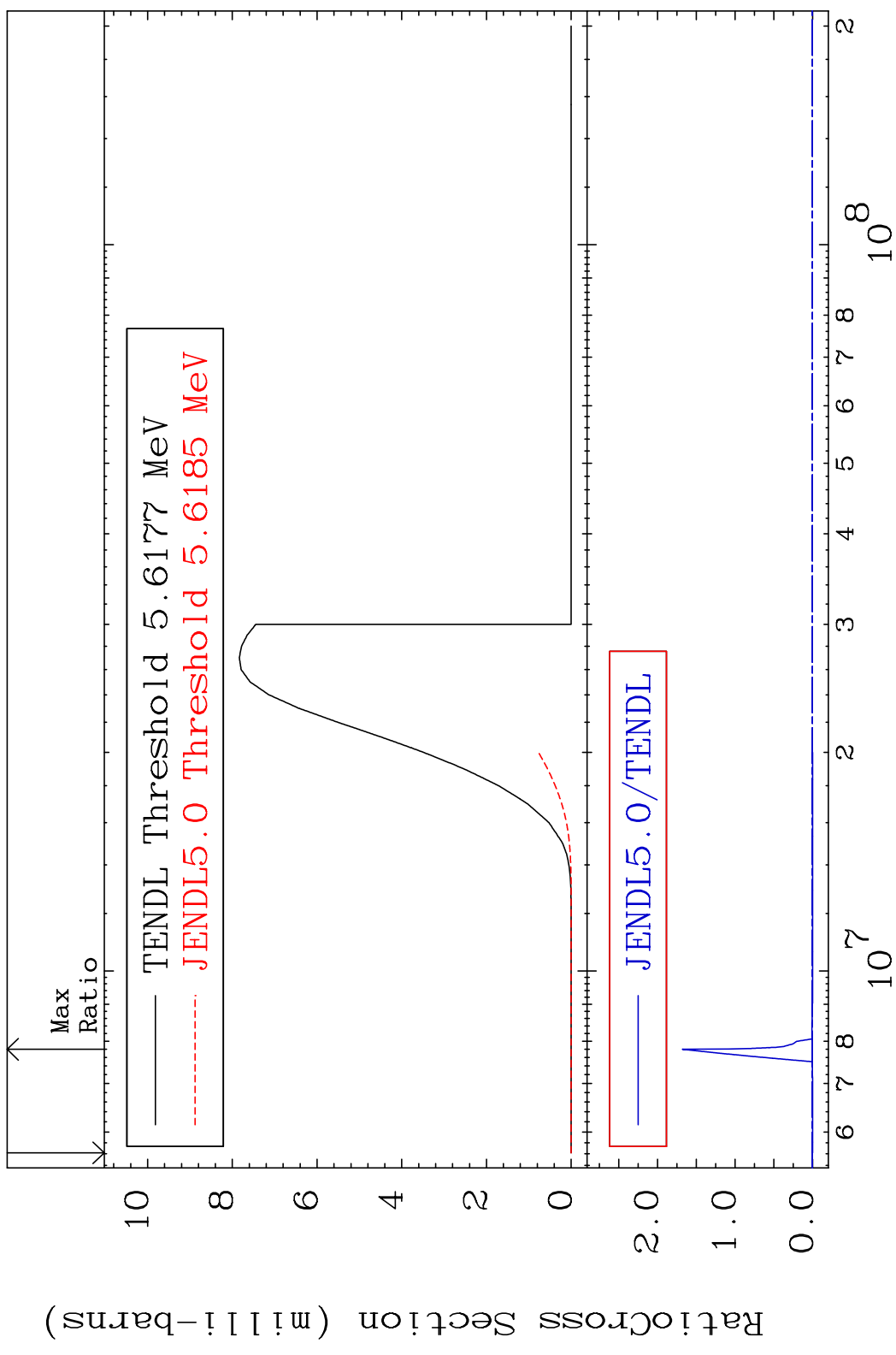
64-Gd-155

MAT 6434

(n, t)

64-Gd-155

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

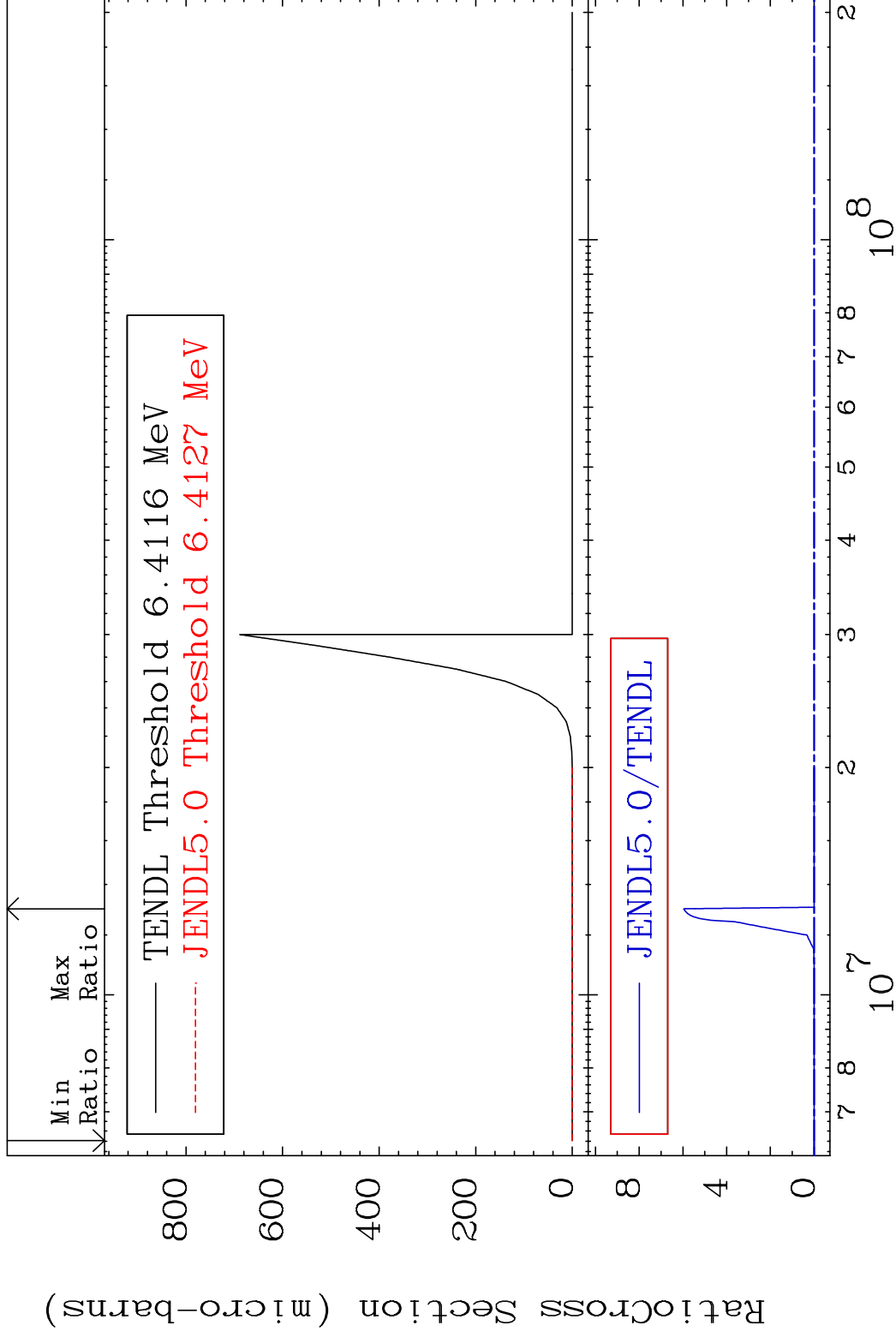
64-Gd-155

MAT 6434

(n, He-3)

64-Gd-155

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

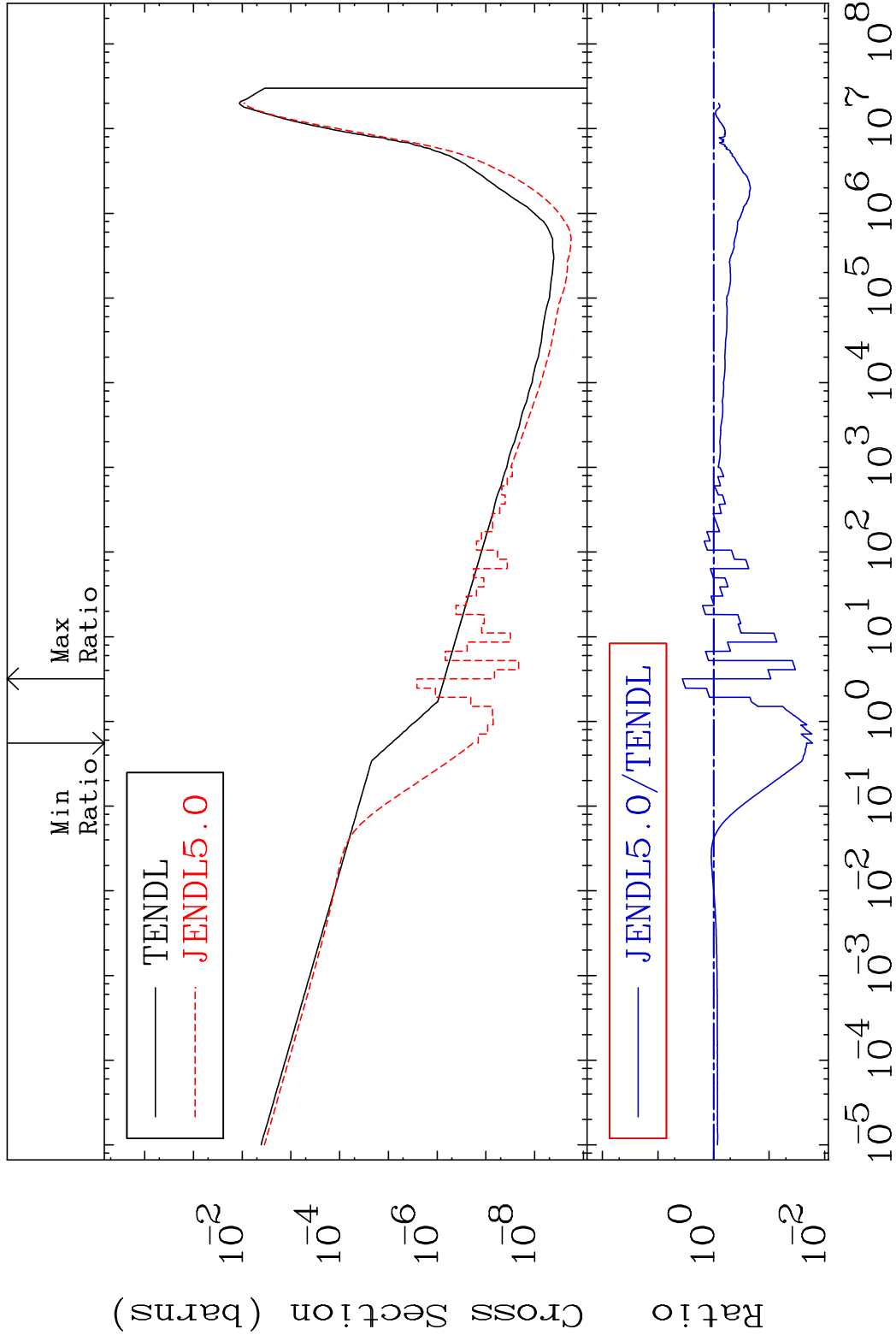
64-Gd-155

MAT 6434

(n, α)

64-Gd-155

Cross Section -98.34 To 264.3 %



47

Incident Energy (eV)

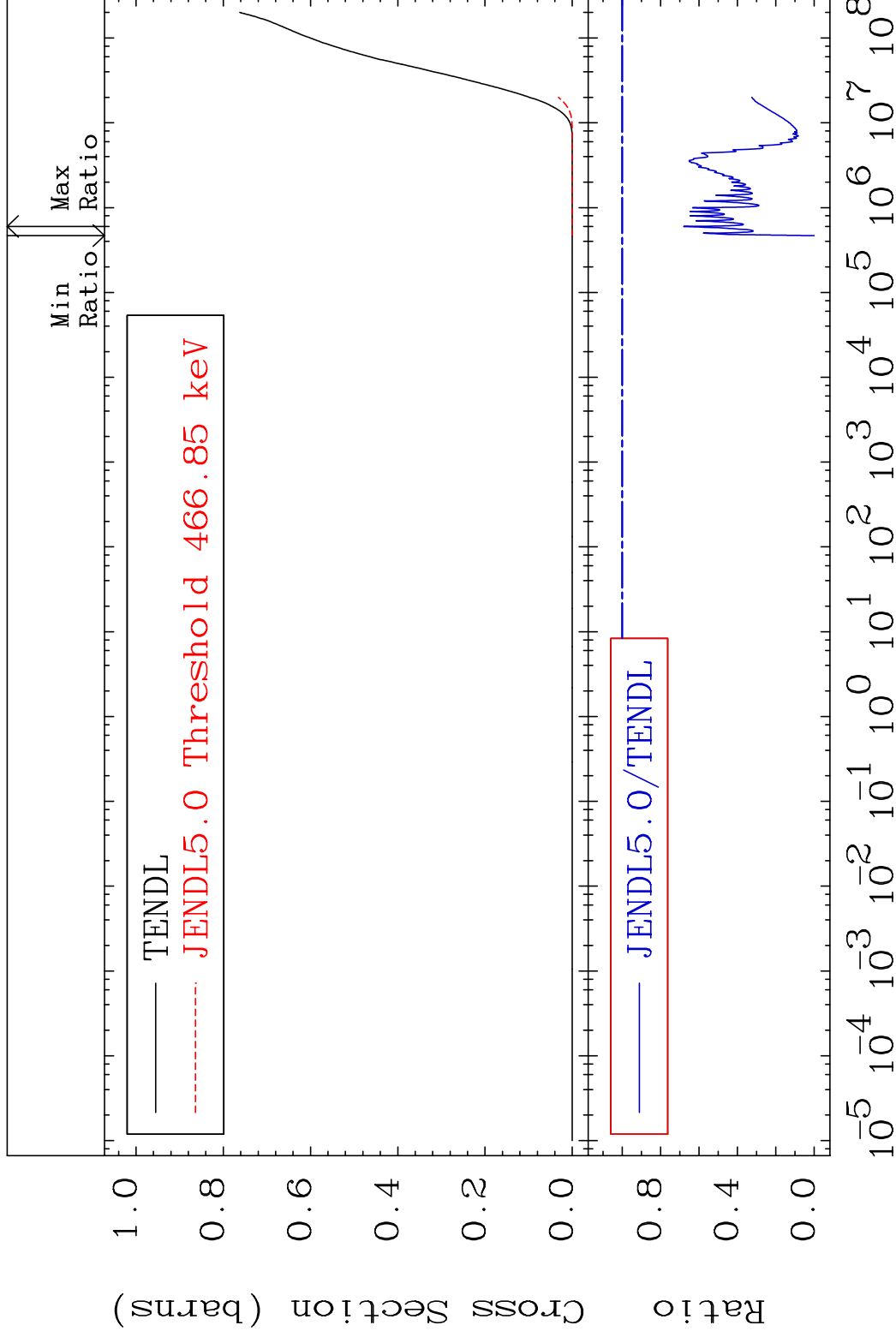
64-Gd-155

MAT 6434

Hydrogen Production

64-Gd-155

Cross Section -100.0 To -32.03%

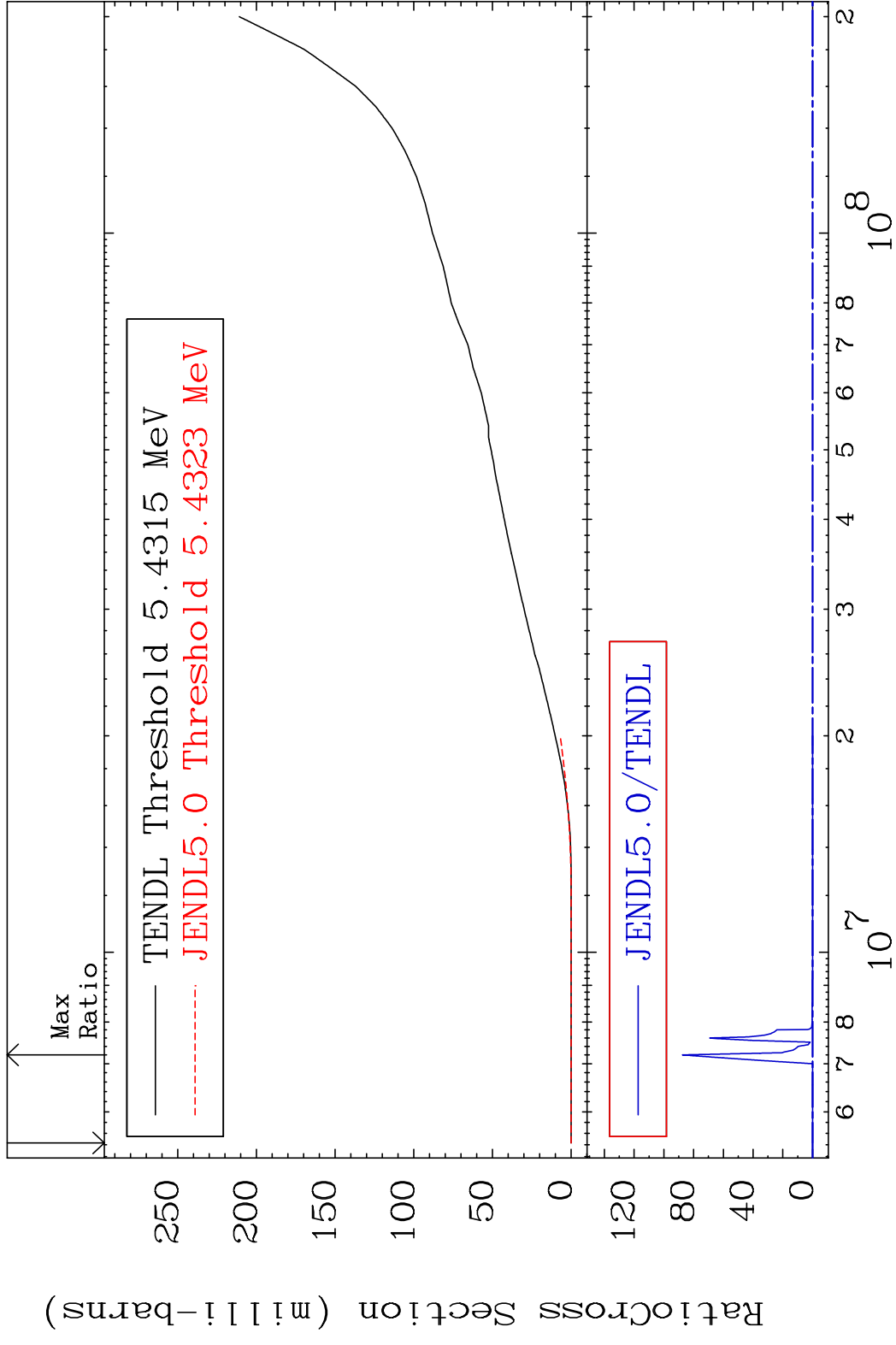


48

Incident Energy (eV)

64-Gd-155

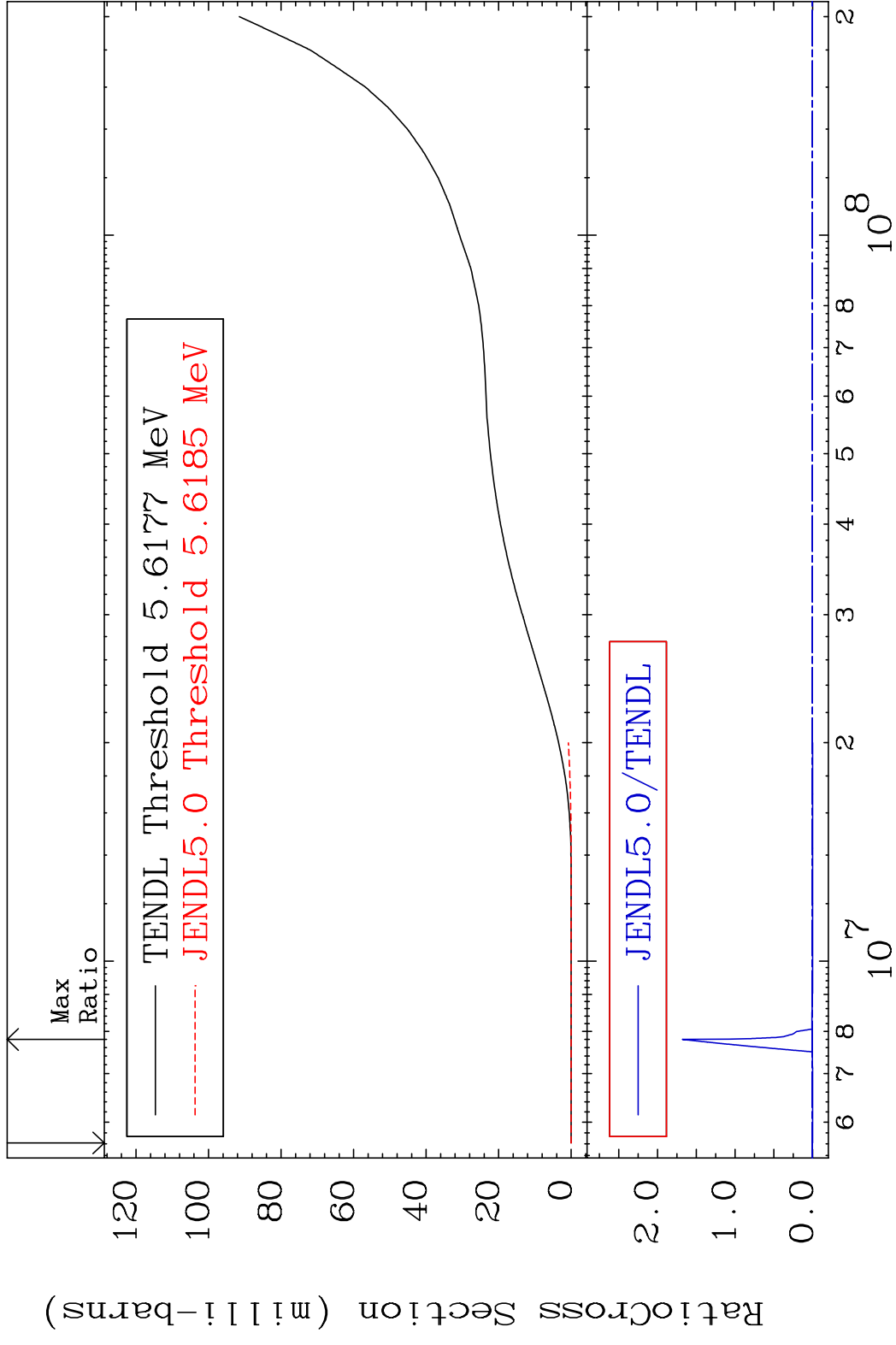
MAT 6434 Deuterium Production 64-Gd-155
 Cross Section -100.0 To 9999. %



49 Incident Energy (eV) 64-Gd-155

MAT 6434

Tritium Production 64-Gd-155
Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

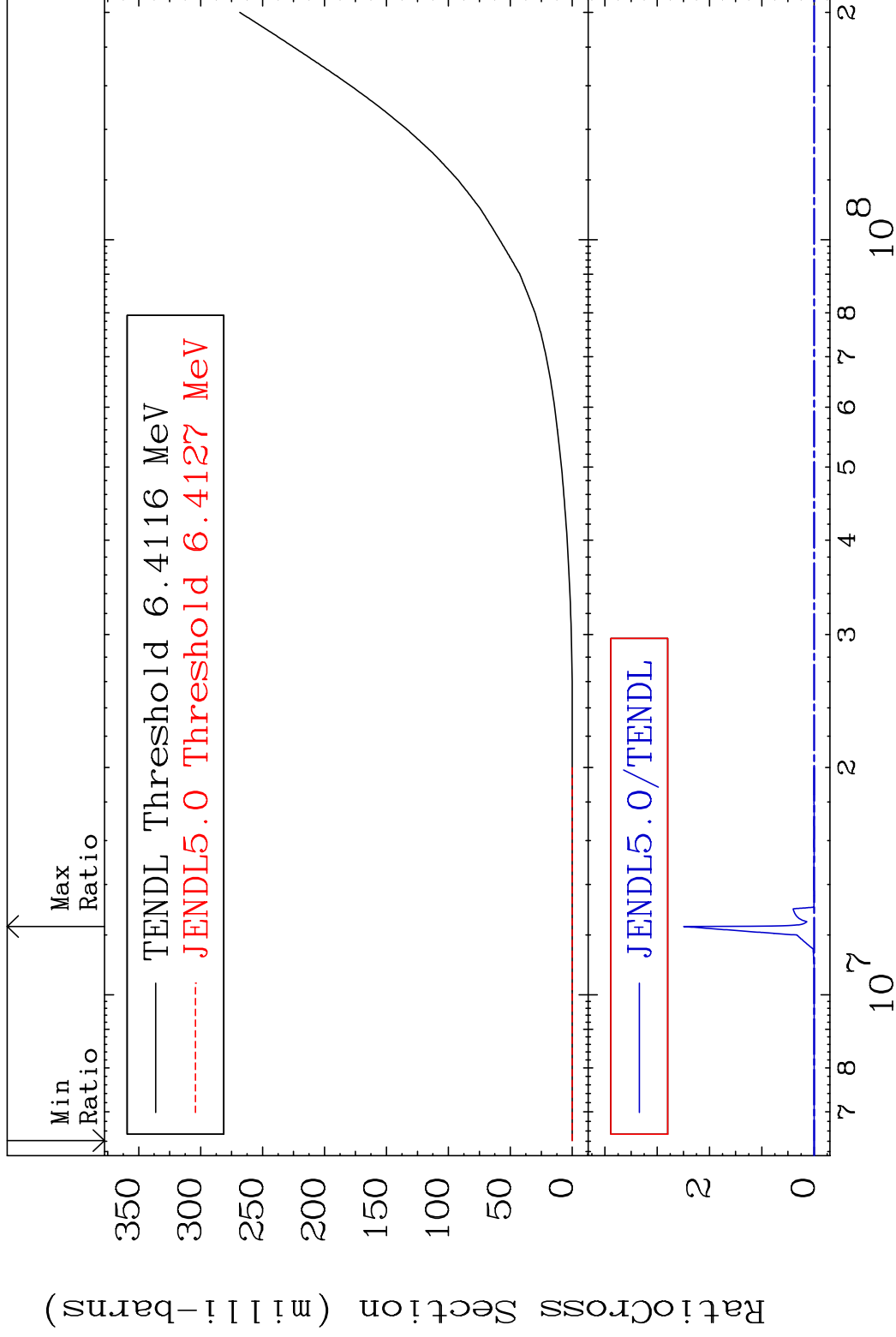
64-Gd-155

MAT 6434

He-3 Production

64-Gd-155

Cross Section -100.0 To 9999. %



51

Incident Energy (eV)

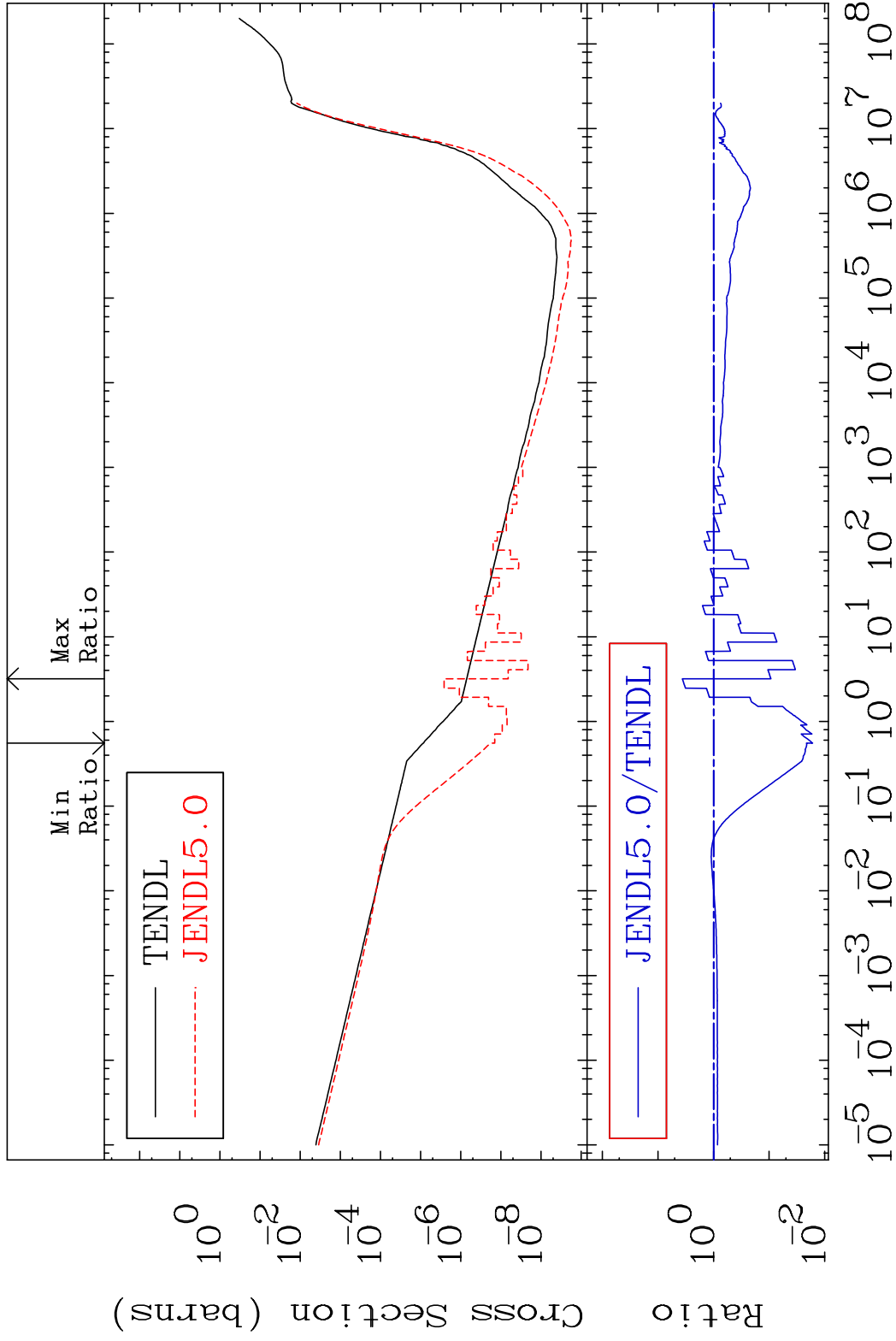
64-Gd-155

MAT 6434

He-4 Production

64-Gd-155

Cross Section -98.34 To 264.3 %

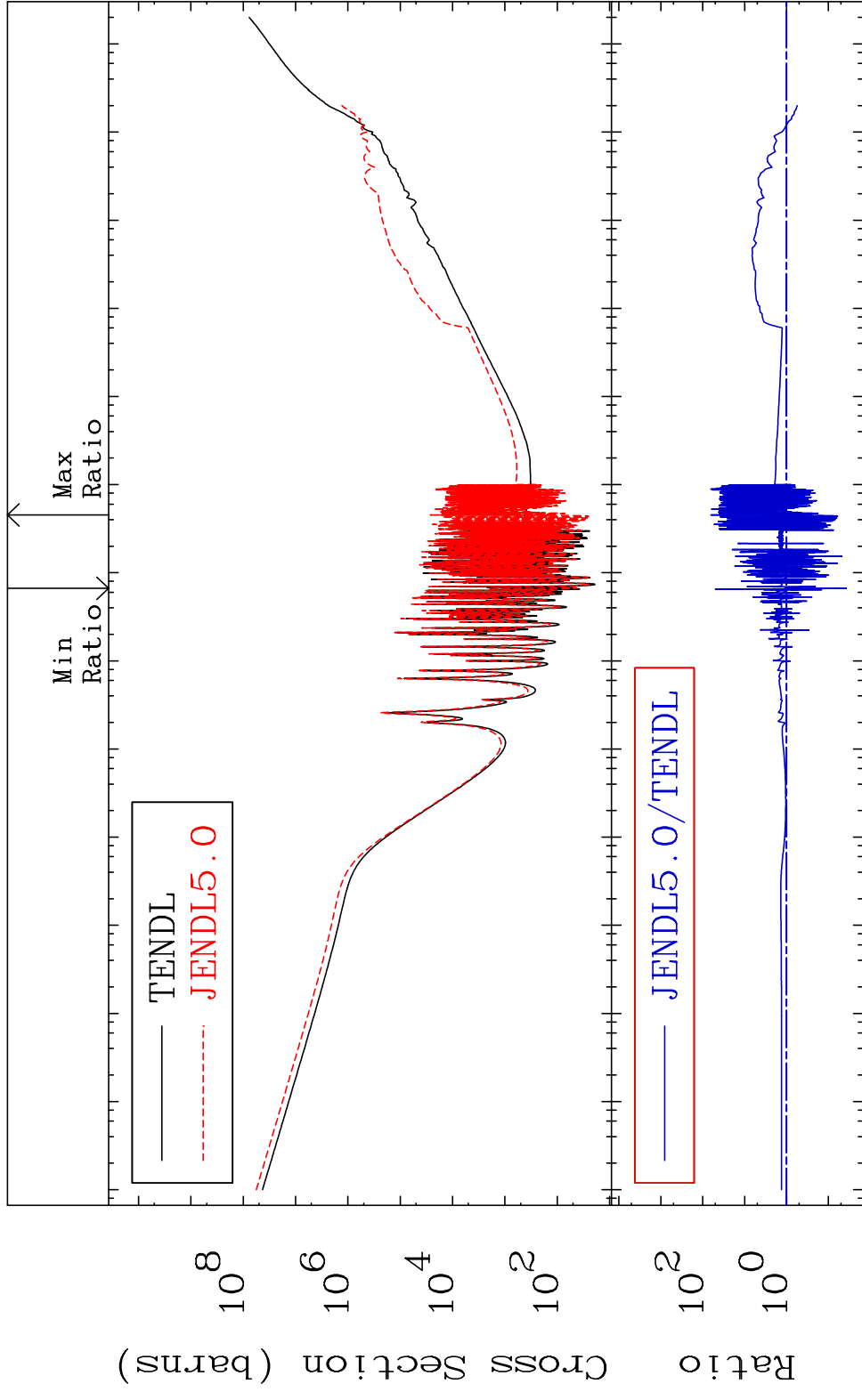


52

Incident Energy (eV)

64-Gd-155

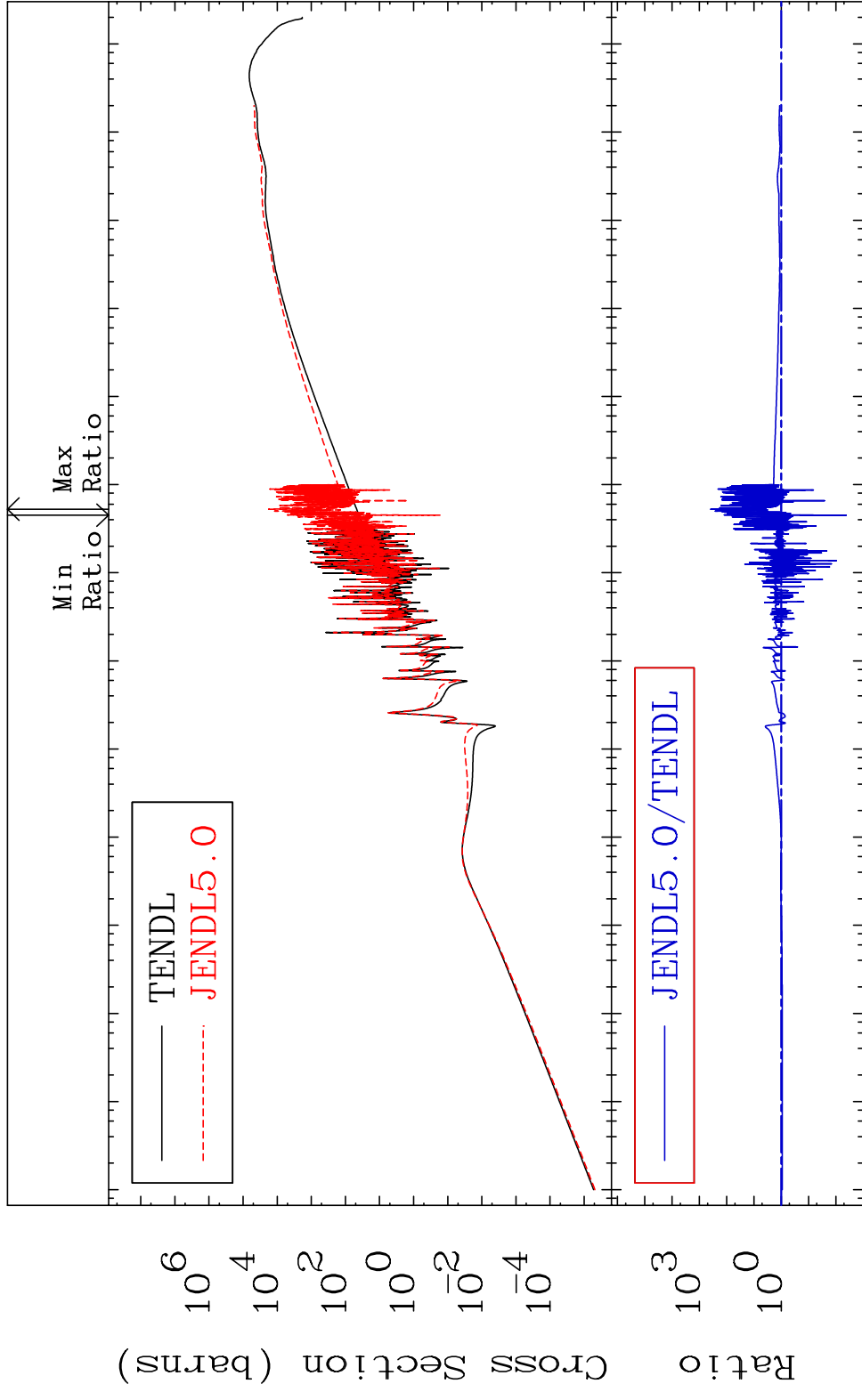
MAT 6434 Kerma total (eV-barns) 64-Gd-155
 Cross Section -96.26 To 6343. %



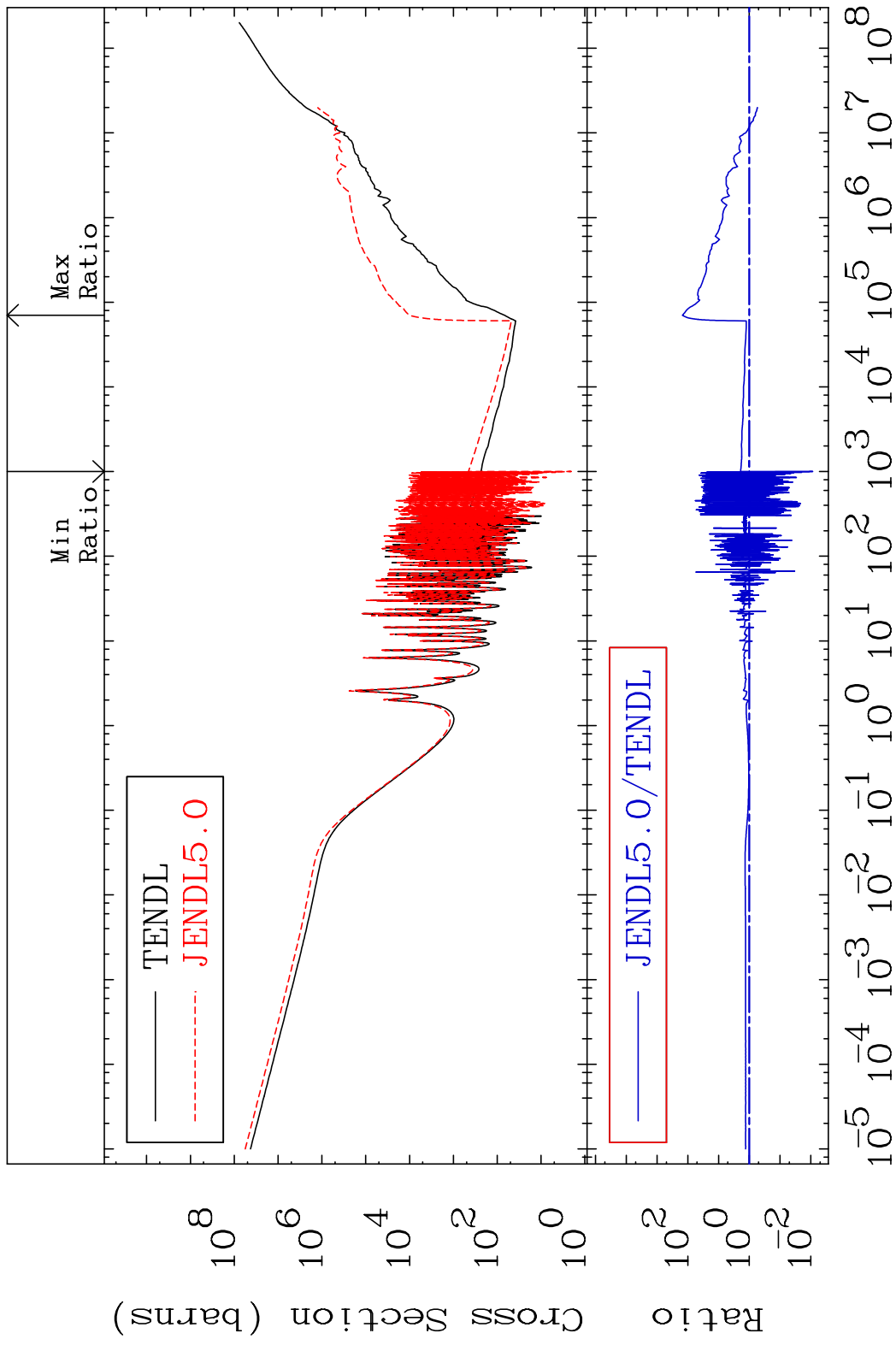
MAT 6434

Kerma elastic
Cross Section -99.59 To 9999. %

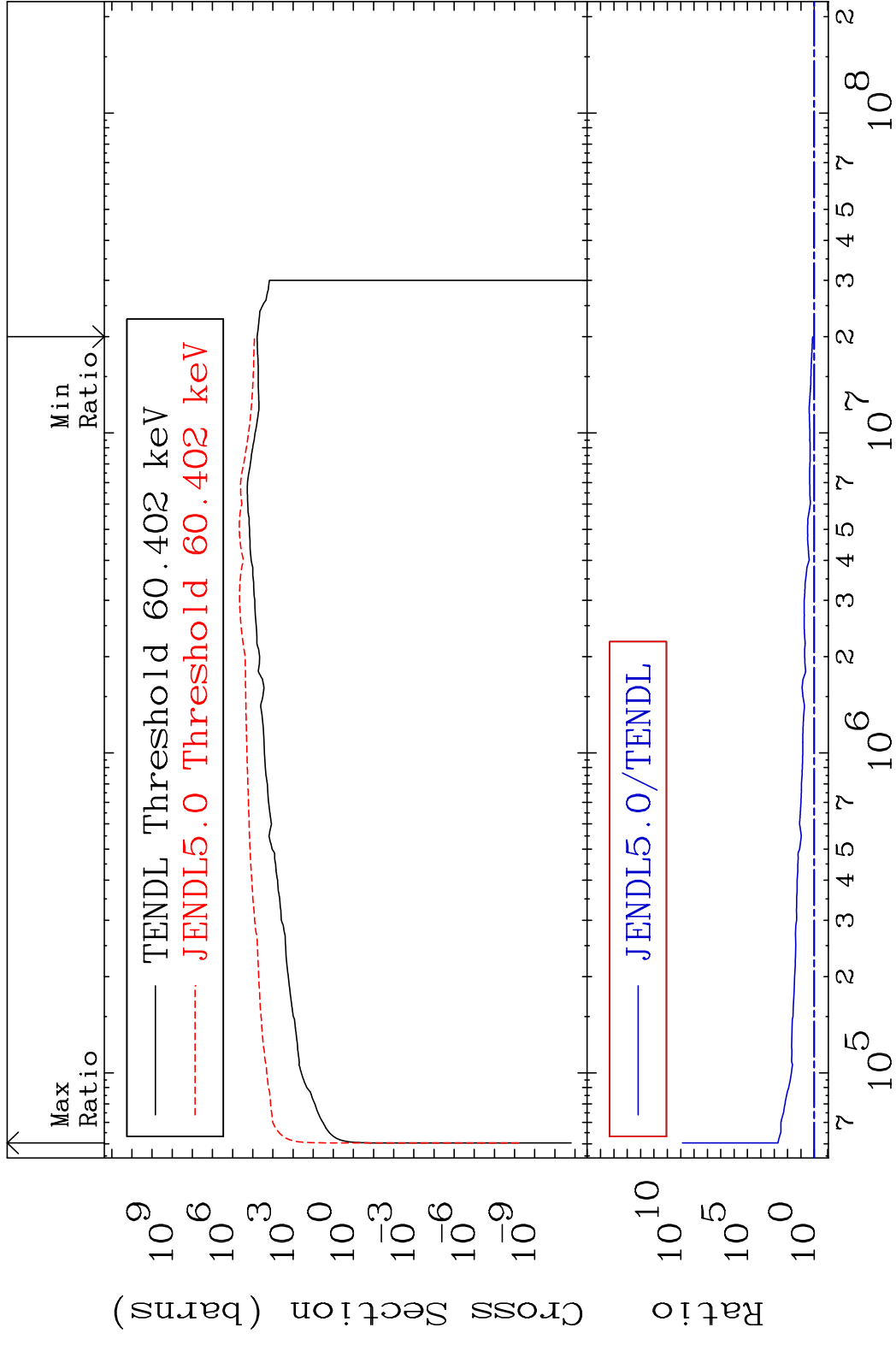
64-Gd-155



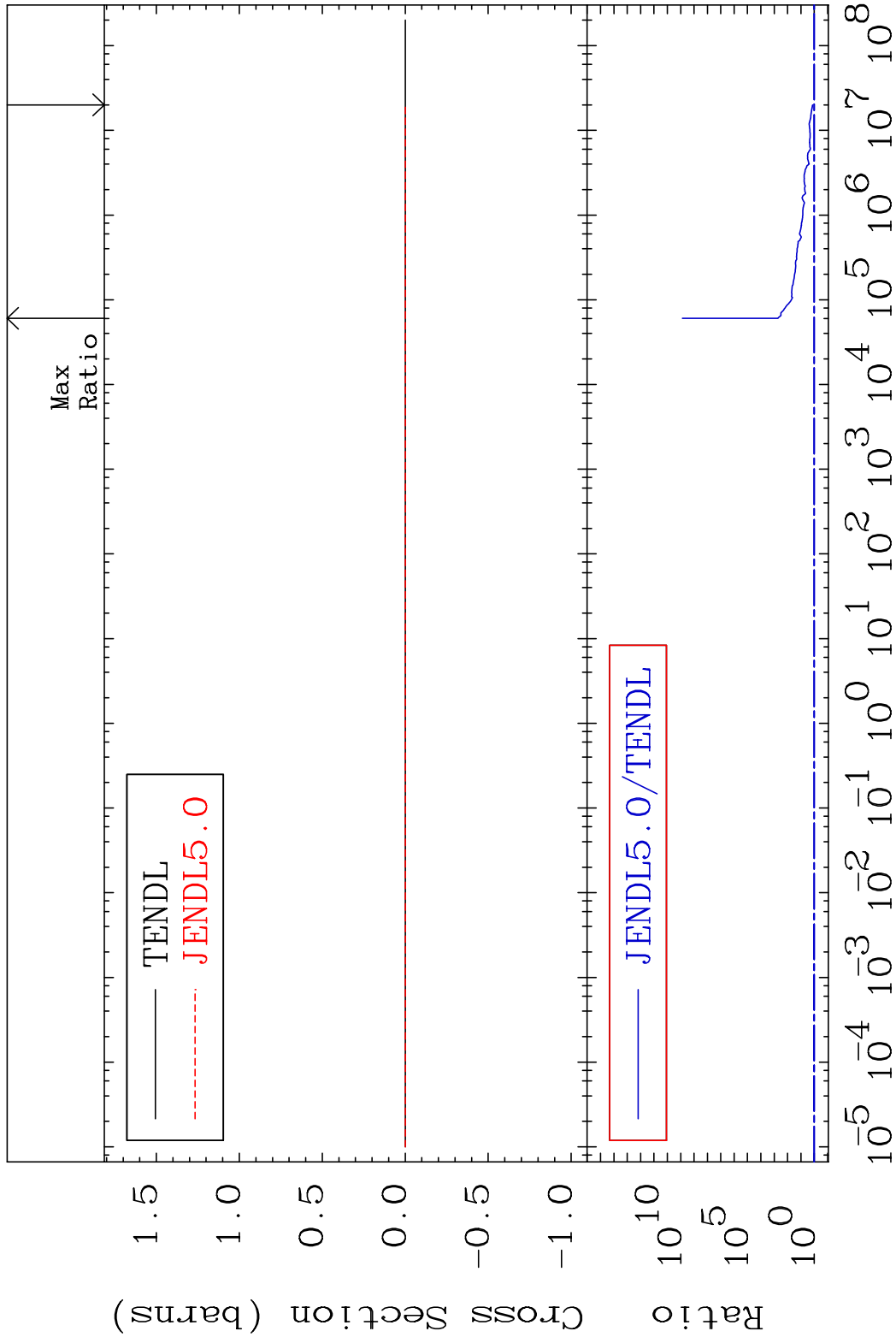
MAT 6434 Kerma non-elastic (all but mt2) 64-Gd-155
 Cross Section -99.12 To 9999. %



MAT 6434 Kerma inelastic (mt51-91) 64-Gd-155
 Cross Section 34.92 To 9999. %

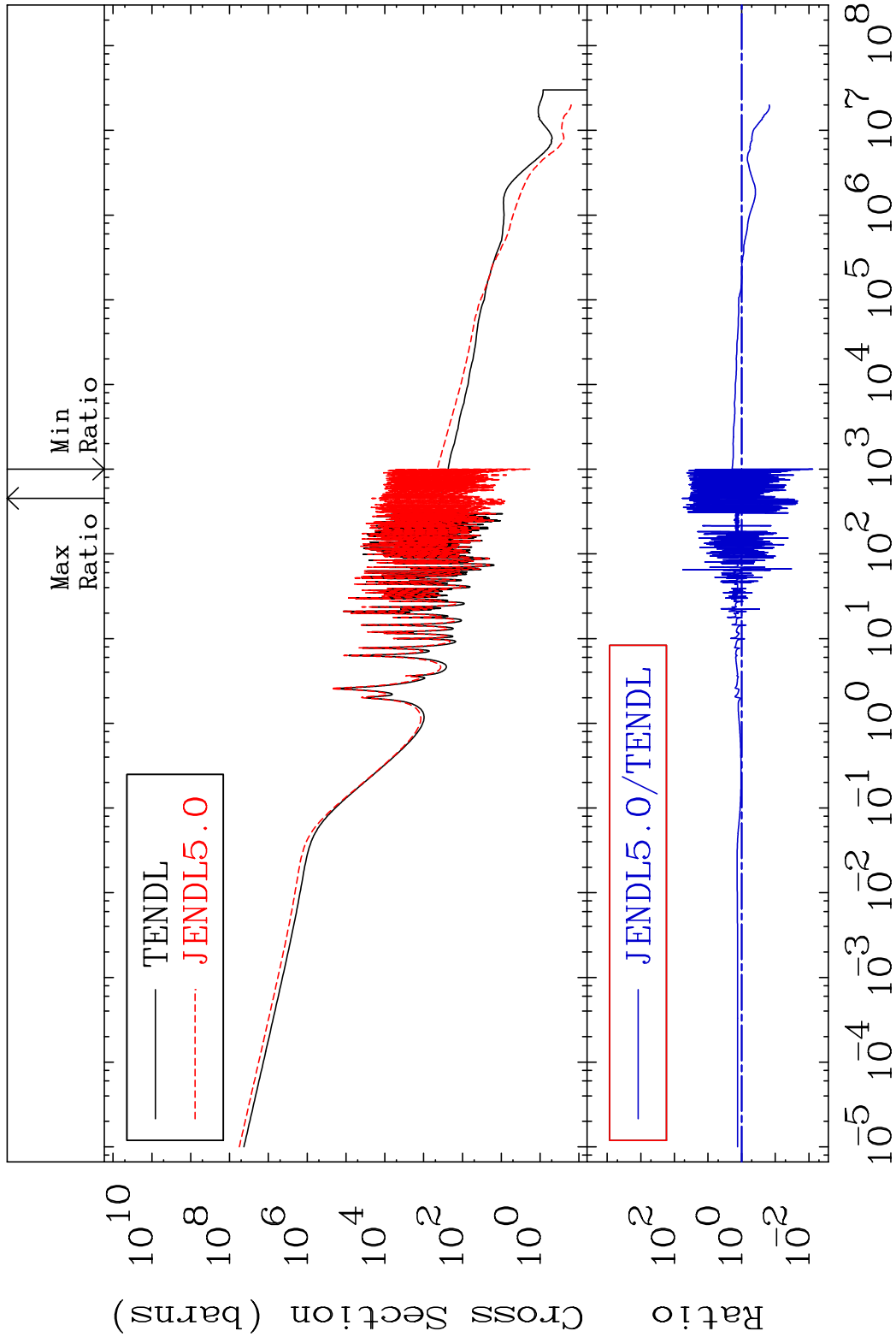


MAT 6434 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-155
 Cross Section 34.92 To 9999. %



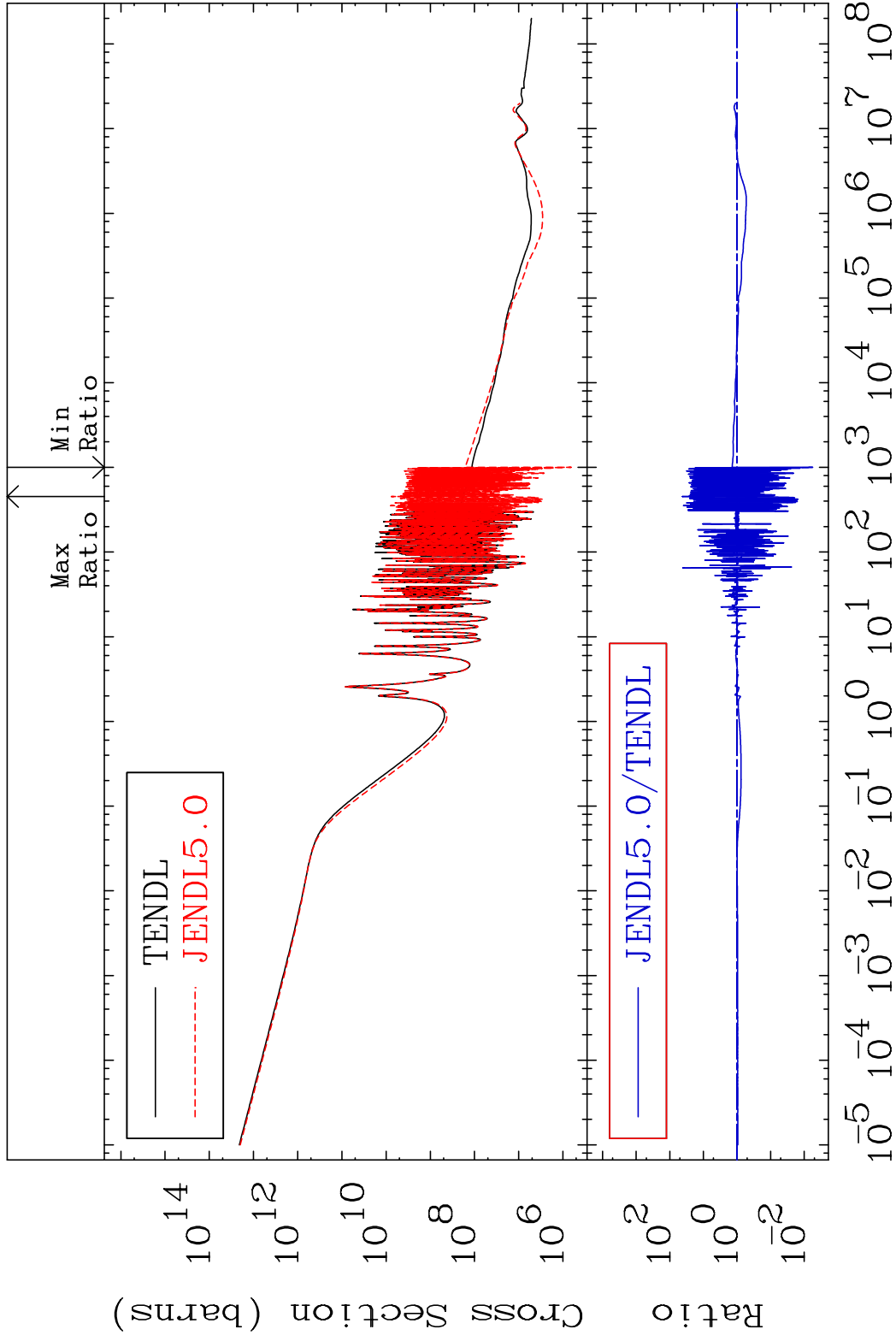
MAT 6434

Kerma capture (mt102) 64-Gd-155
Cross Section -99.22 To 5702. %



MAT 6434

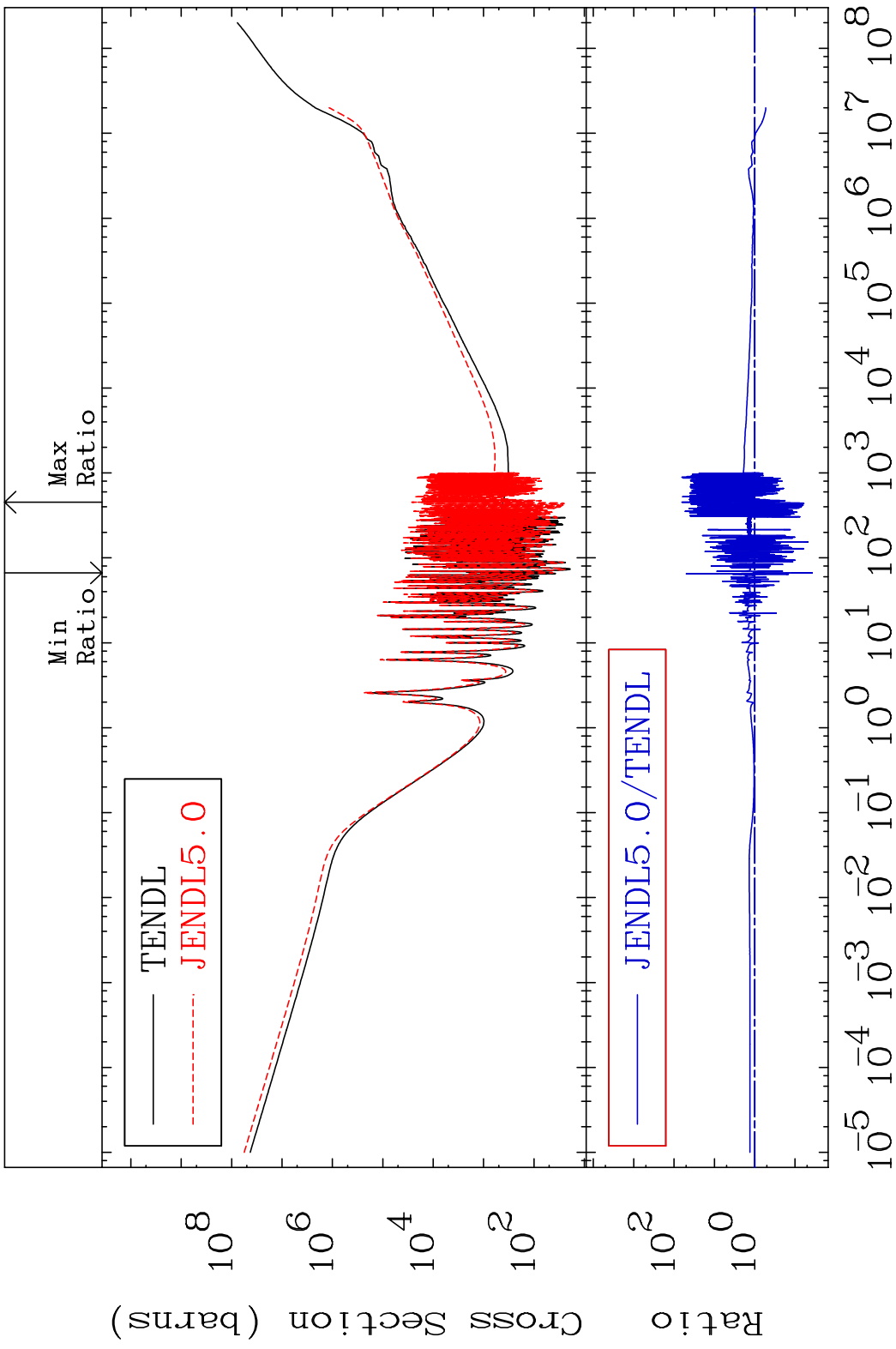
Total photon (eV-barns) 64-Gd-155
Cross Section -99.43 To 4121. %



59

Incident Energy (eV) 64-Gd-155

MAT 6434 Total kinematic kerma (high limit) 64-Gd-155
Cross Section -96.26 To 6343. %

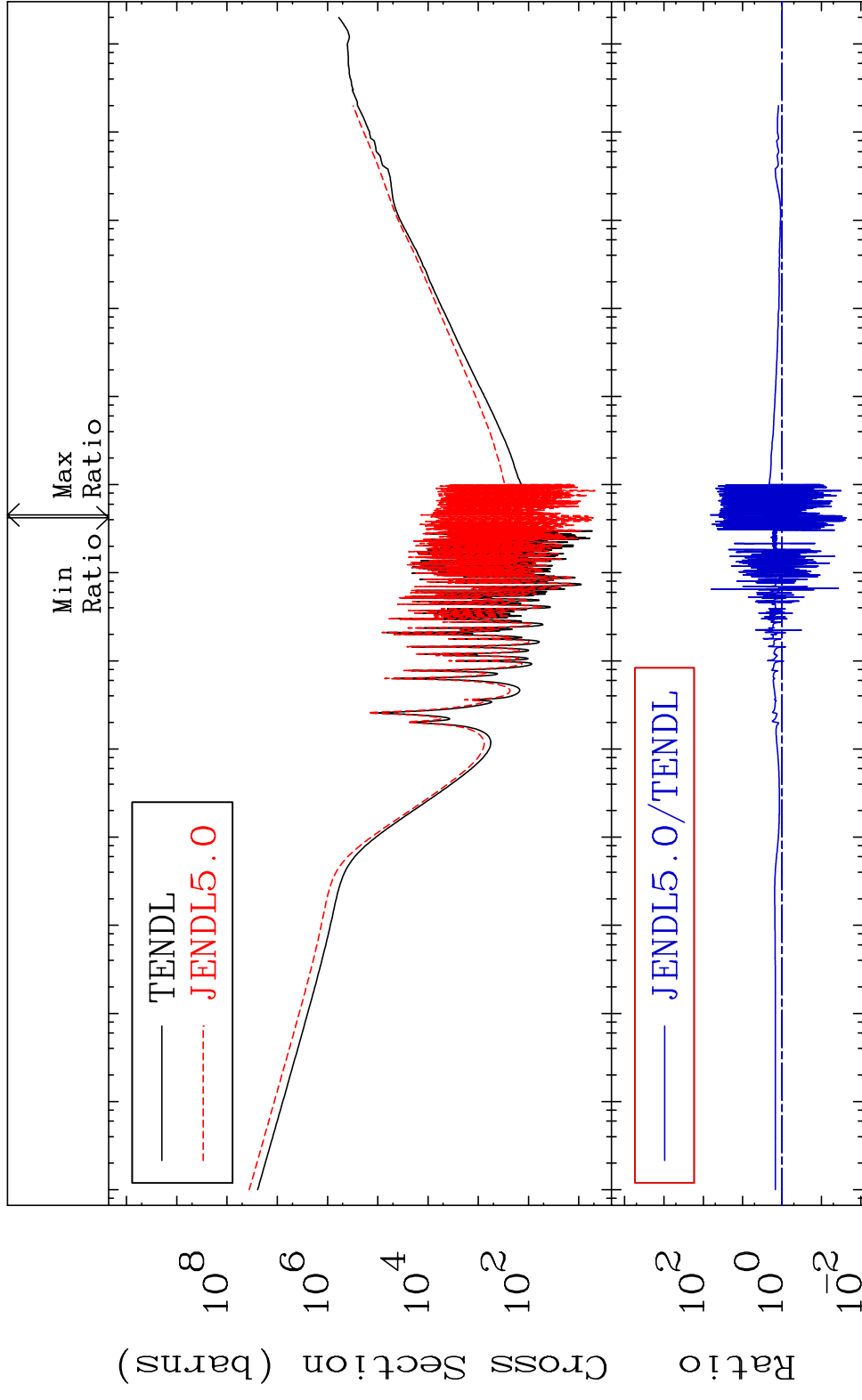


MAT 6434

Dpa total (eV-barns)

64-Gd-155

Cross Section -97.67 To 6391. %



61

Incident Energy (eV)

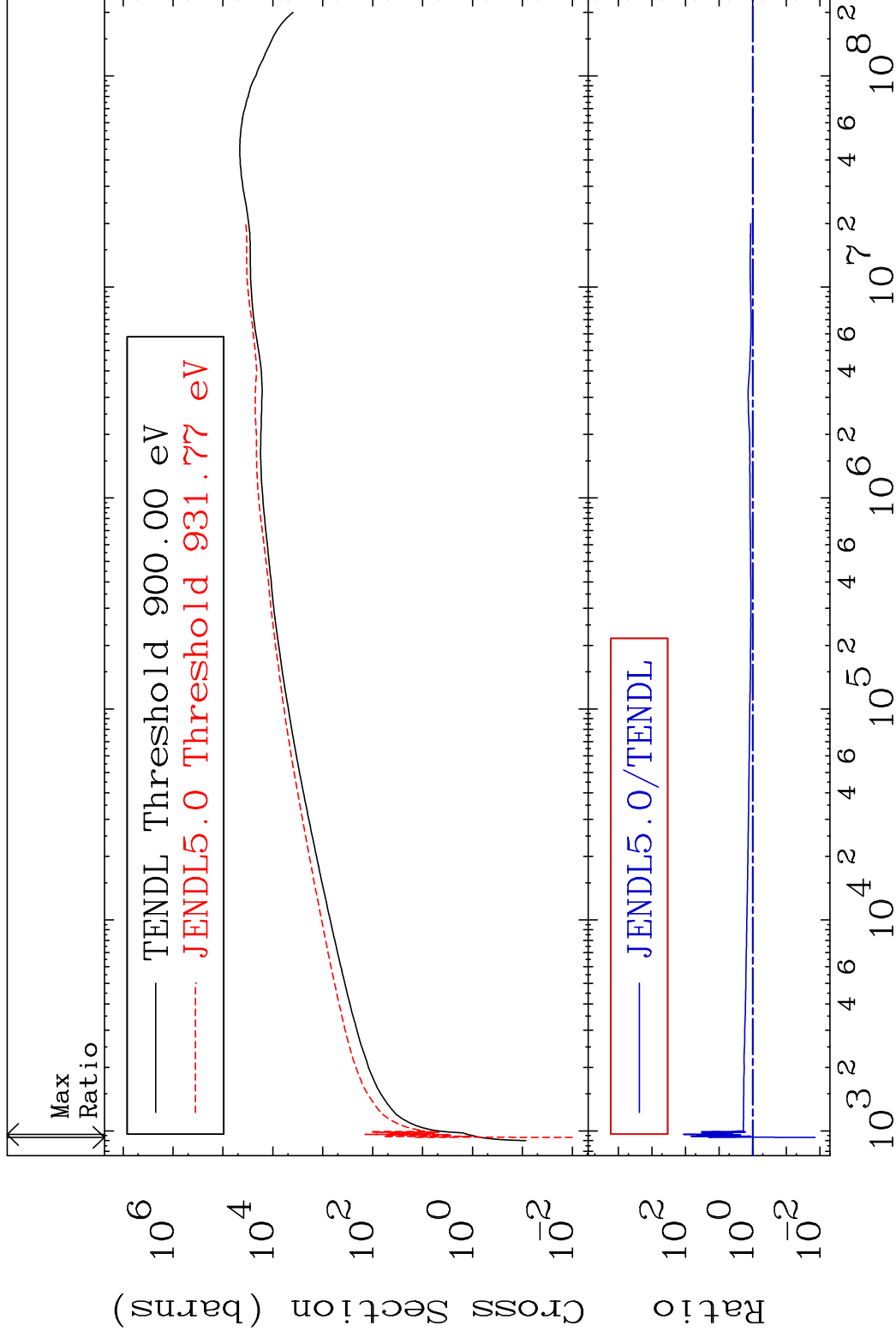
64-Gd-155

MAT 6434

Dpa elastic (mt2)

64-Gd-155

Cross Section -98.52 To 9999. %

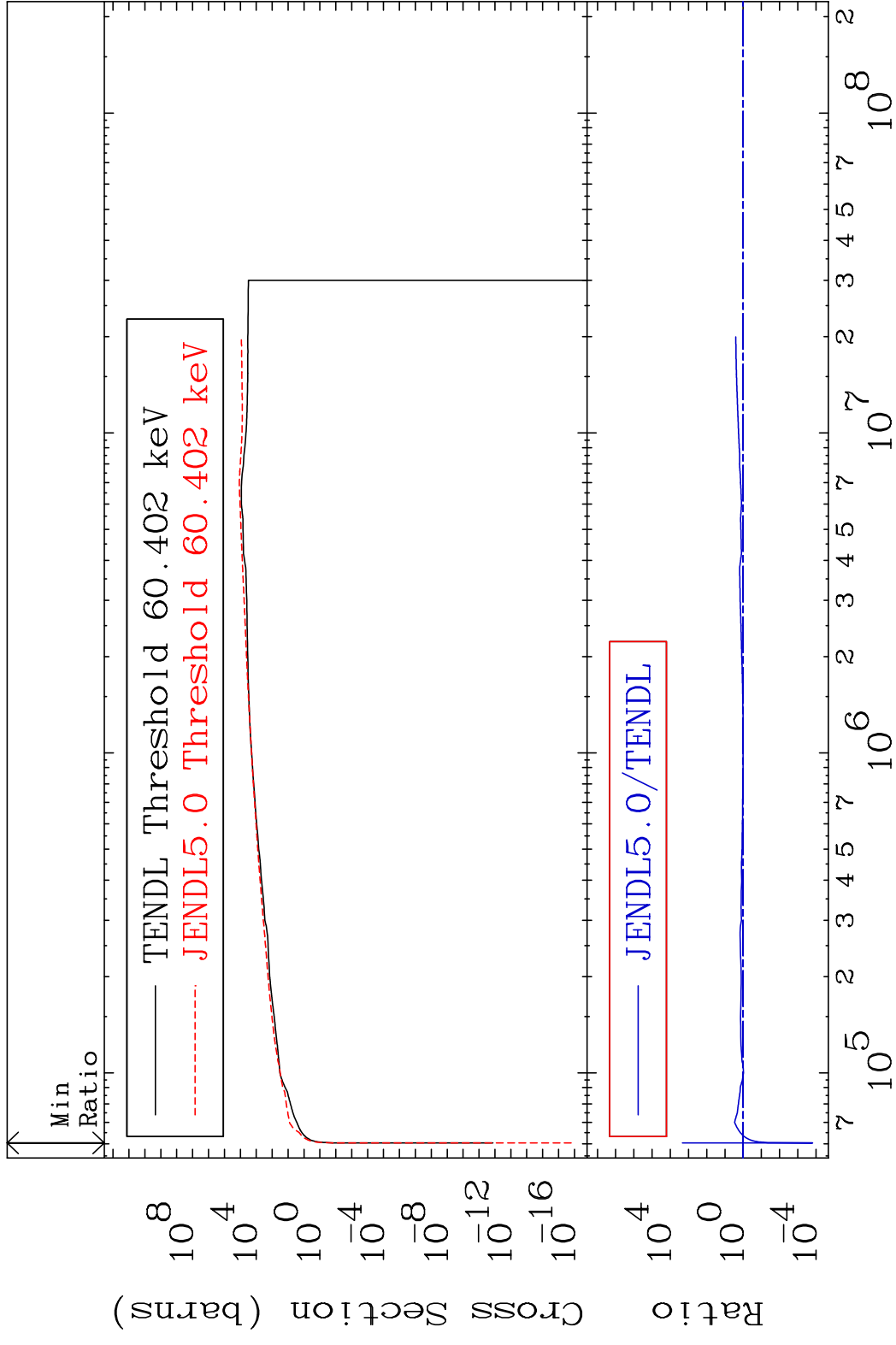


62

Incident Energy (eV)

64-Gd-155

MAT 6434 Dpa inelastic (mt51-91) 64-Gd-155
 Cross Section -99.98 To 9999. %



MAT 6434 Dpa disappearance (mt102 -120) 64-Gd-155
 Cross Section -99.13 To 6391. %

