

Program Complot  
(Version 2021-1)

by

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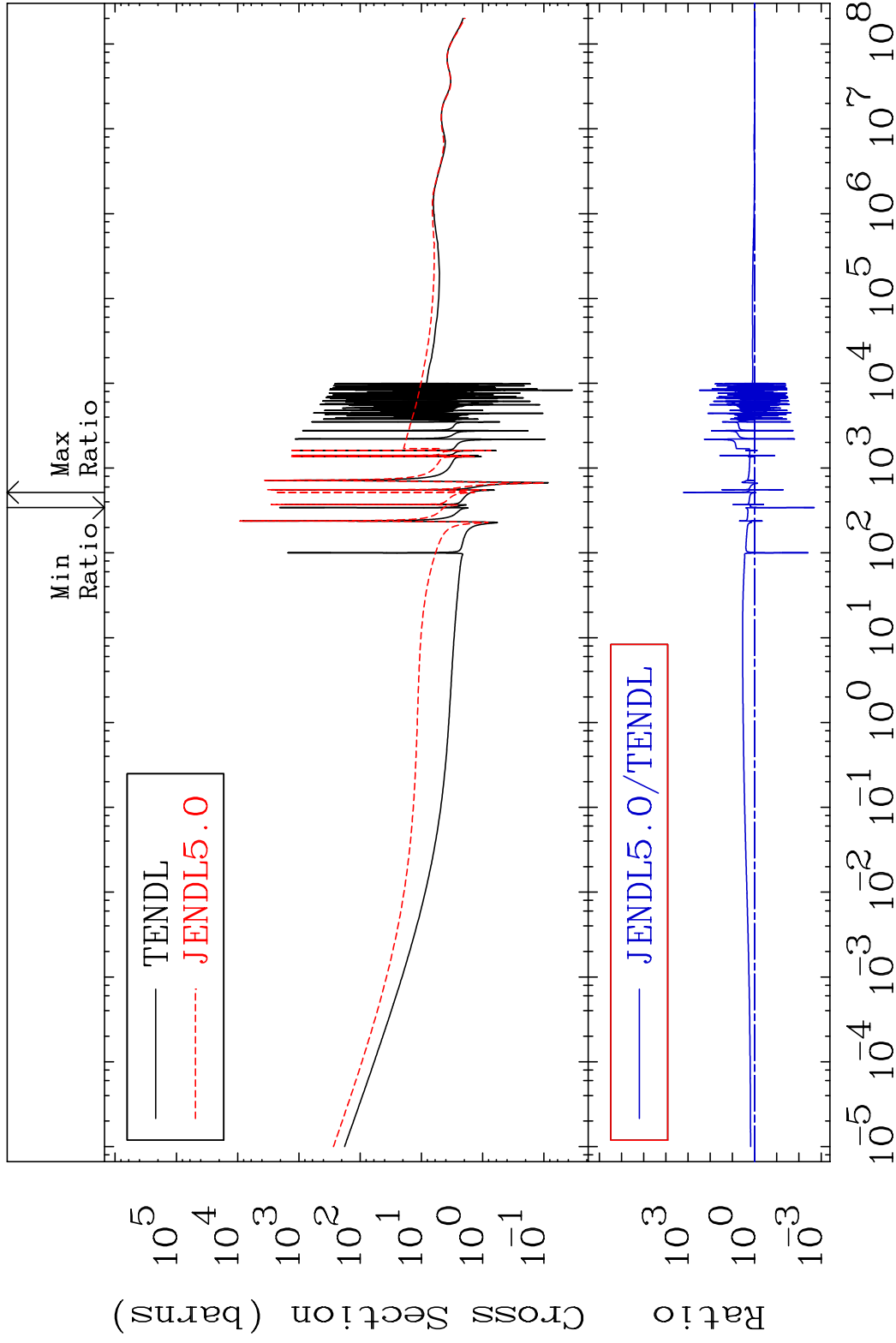
Press Mouse Button to Start

MAT 5437

Total

54-Xe-128

Cross Section -99.79 To 9999. %



1

Incident Energy (eV)

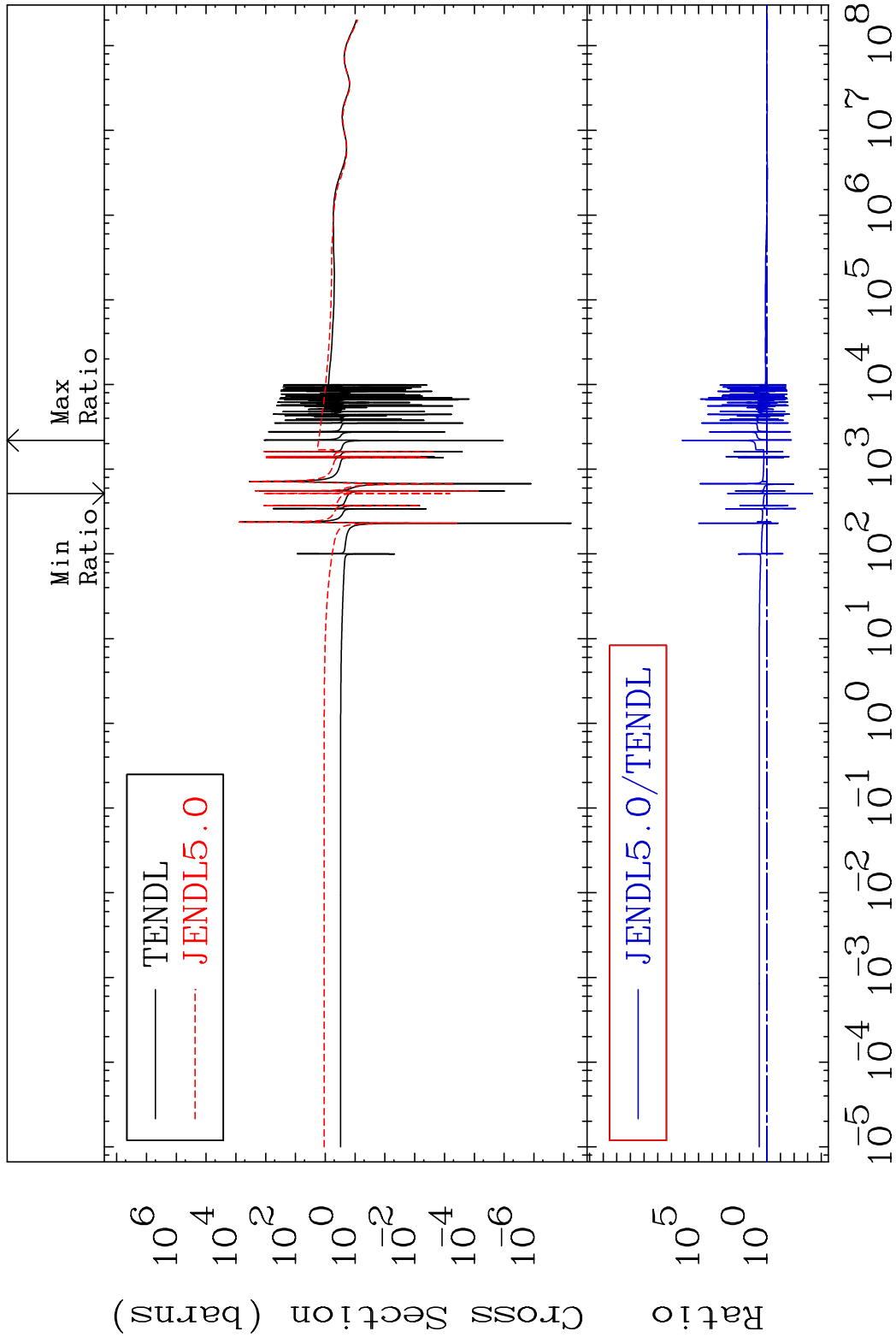
54-Xe-128

MAT 5437

Elastic

54-Xe-128

Cross Section -99.96 To 9999. %



2

Incident Energy (eV)

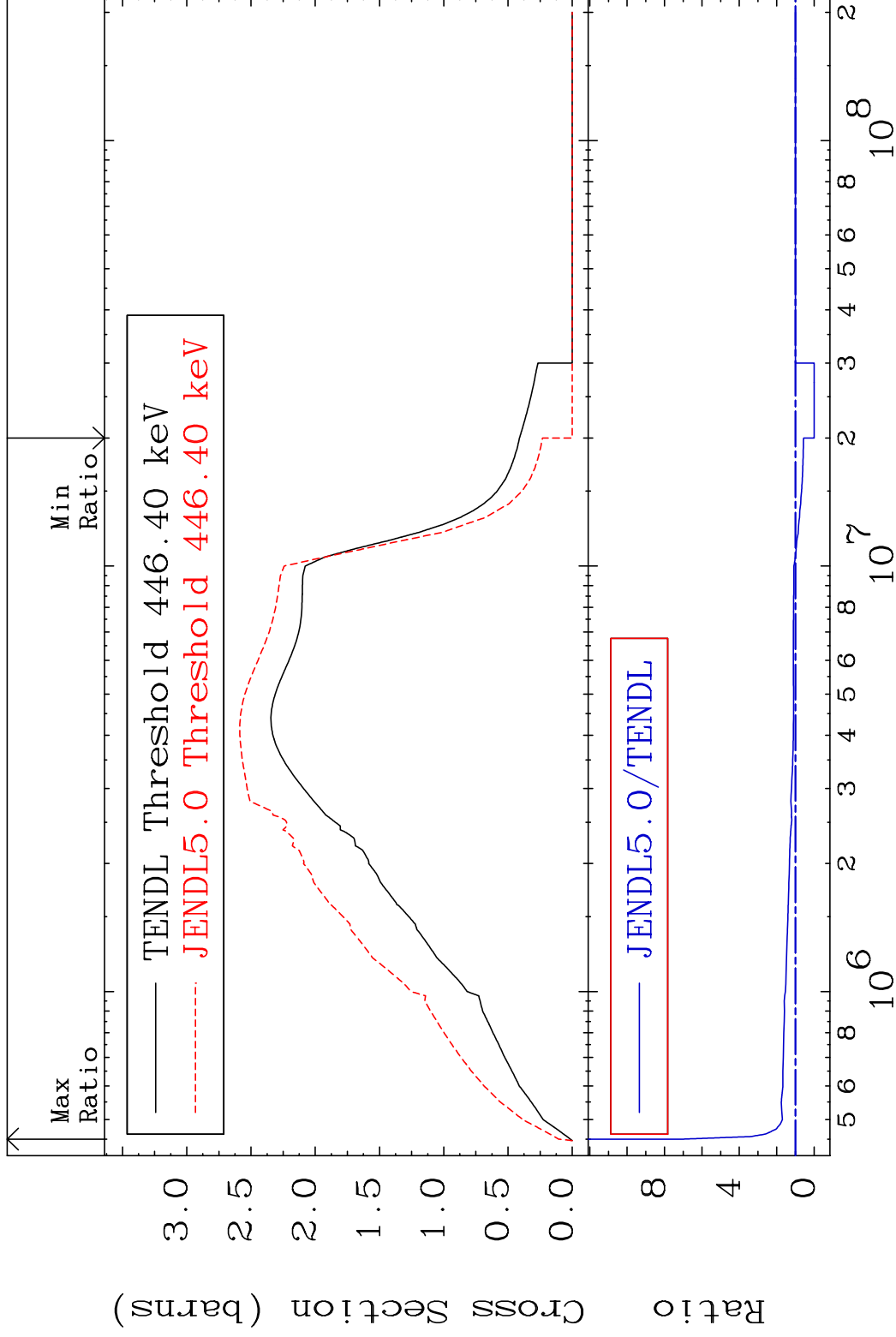
54-Xe-128

MAT 5437

Inelastic

54-Xe-128

Cross Section -100.0 To 597.7 %



3

Incident Energy (eV)

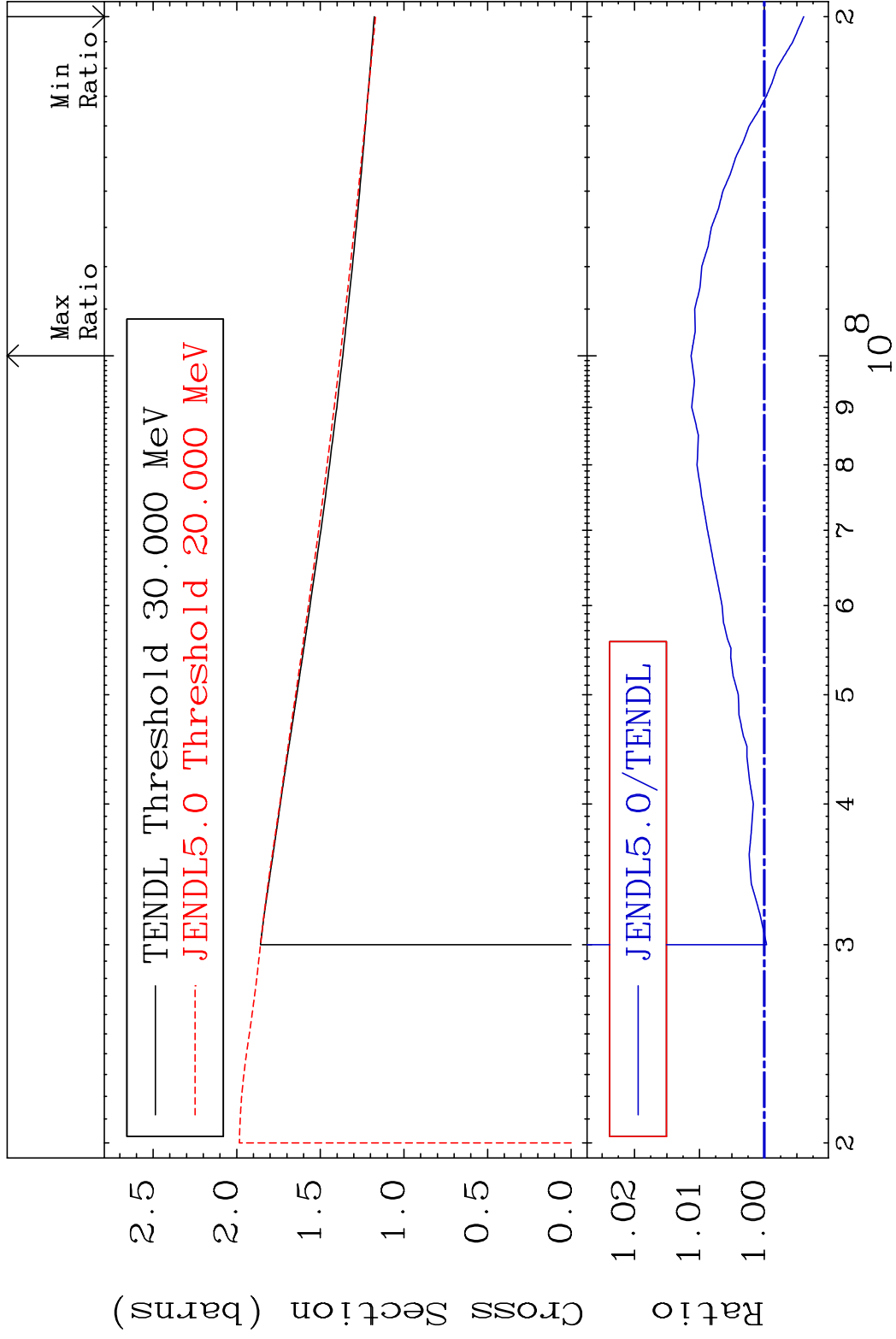
54-Xe-128

MAT 5437

(n, remainder)

54-Xe-128

Cross Section -0.607 To 1.127 %



4

Incident Energy (eV)

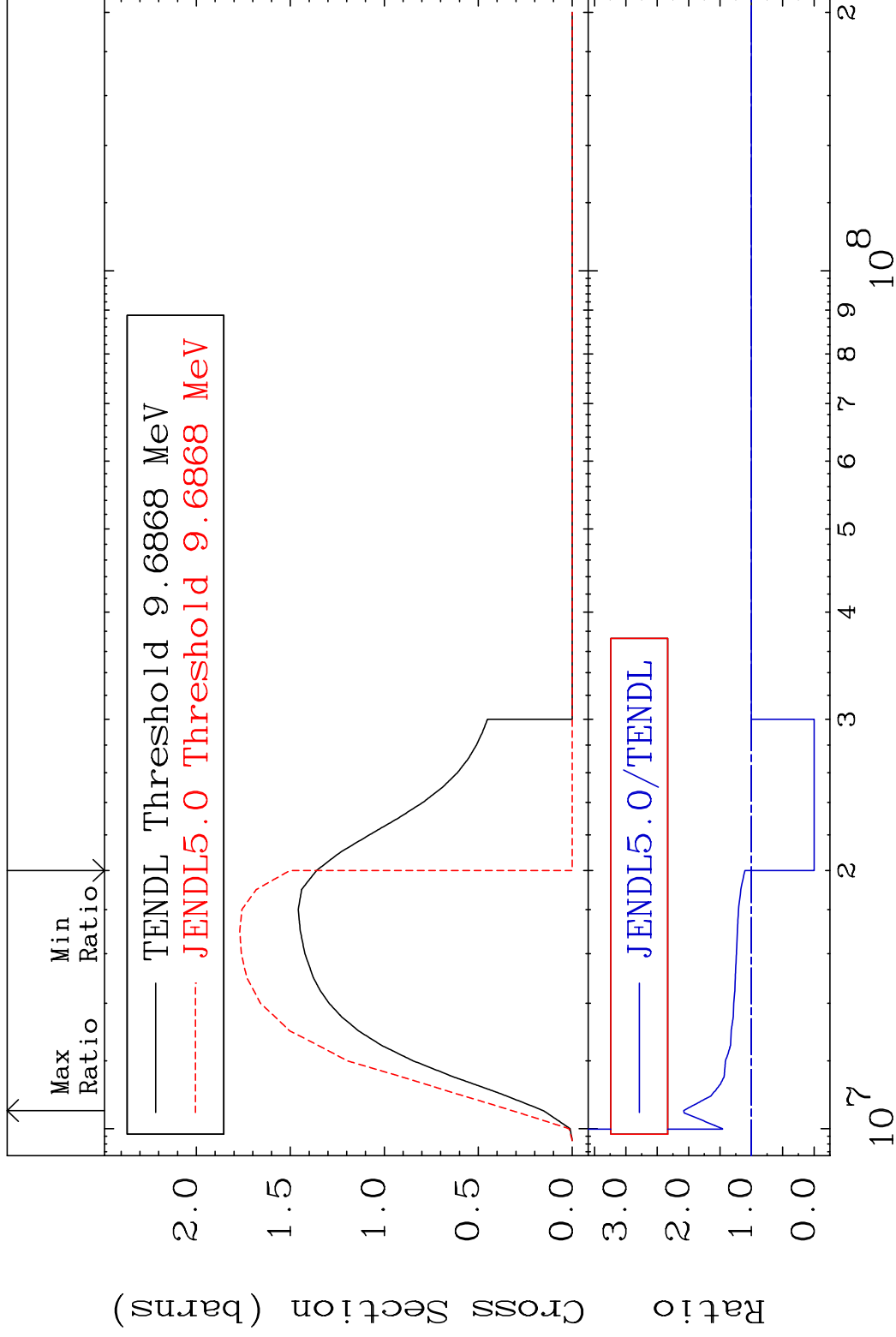
54-Xe-128

MAT 5437

(n,2n)

54-Xe-128

Cross Section -100.0 To 107.9 %



5

Incident Energy (eV)

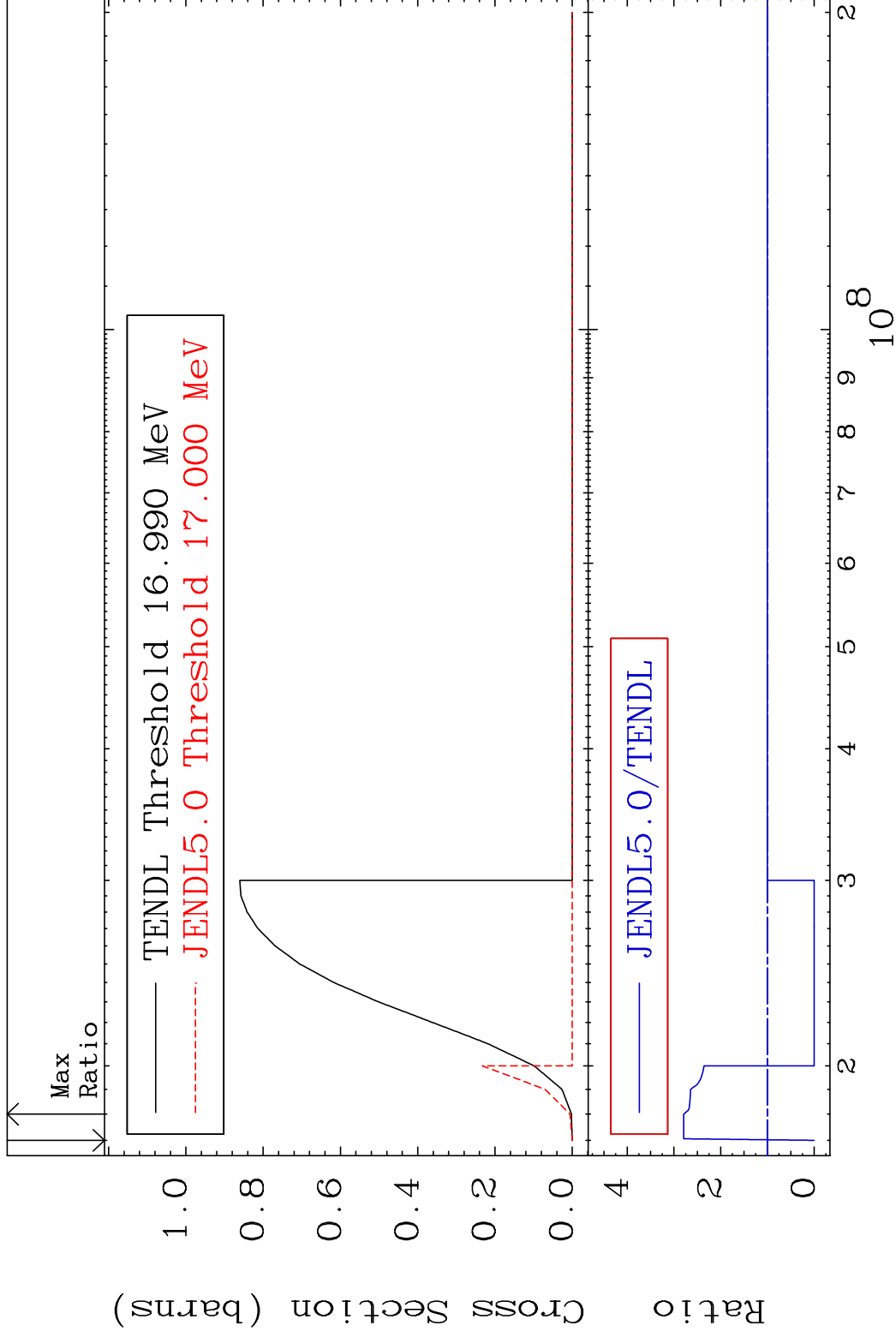
54-Xe-128

MAT 5437

(n,3n)

54-Xe-128

Cross Section -100.0 To 179.3 %



6

Incident Energy (eV)

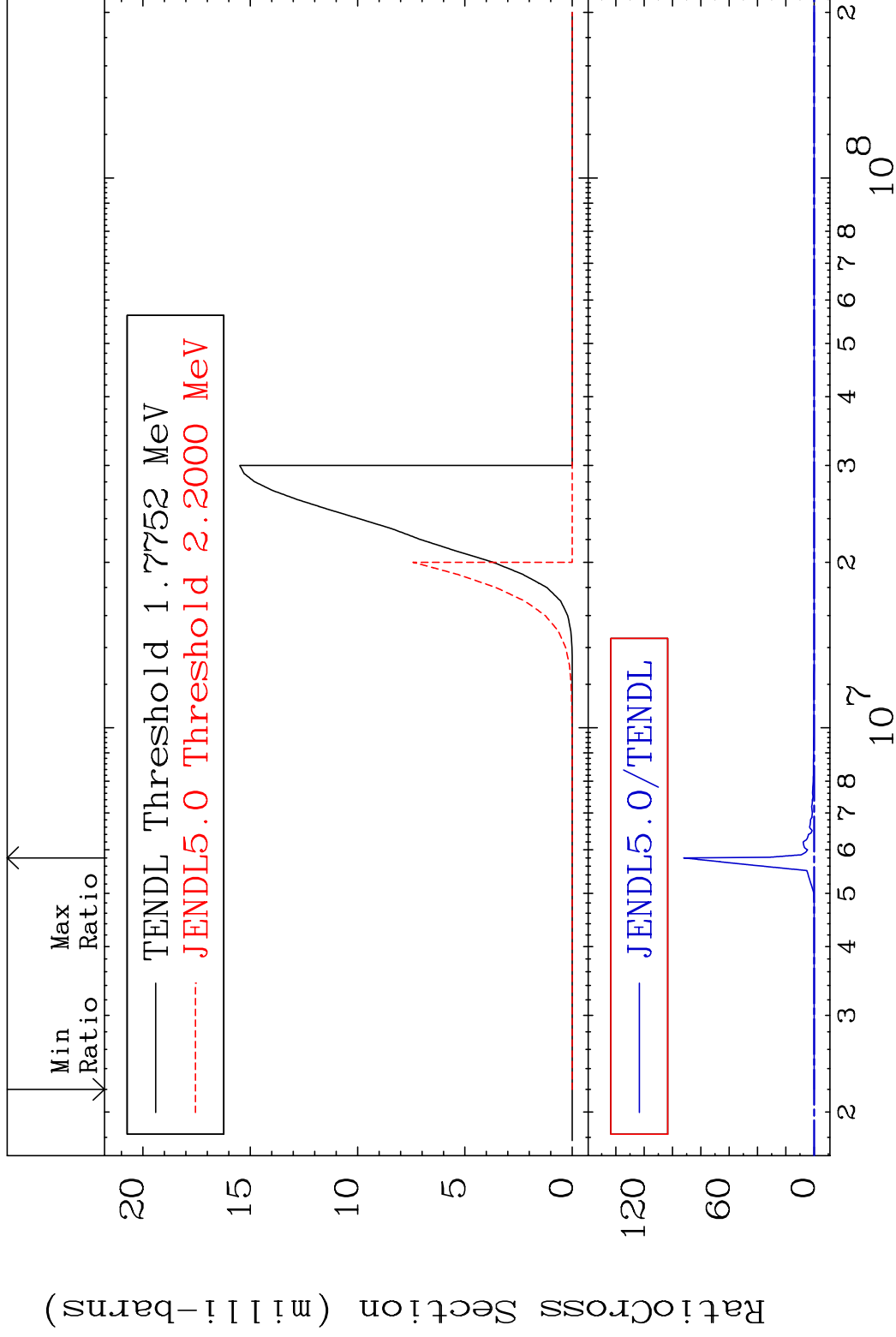
54-Xe-128

MAT 5437

(n, n')  $\alpha$

54-Xe-128

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

54-Xe-128

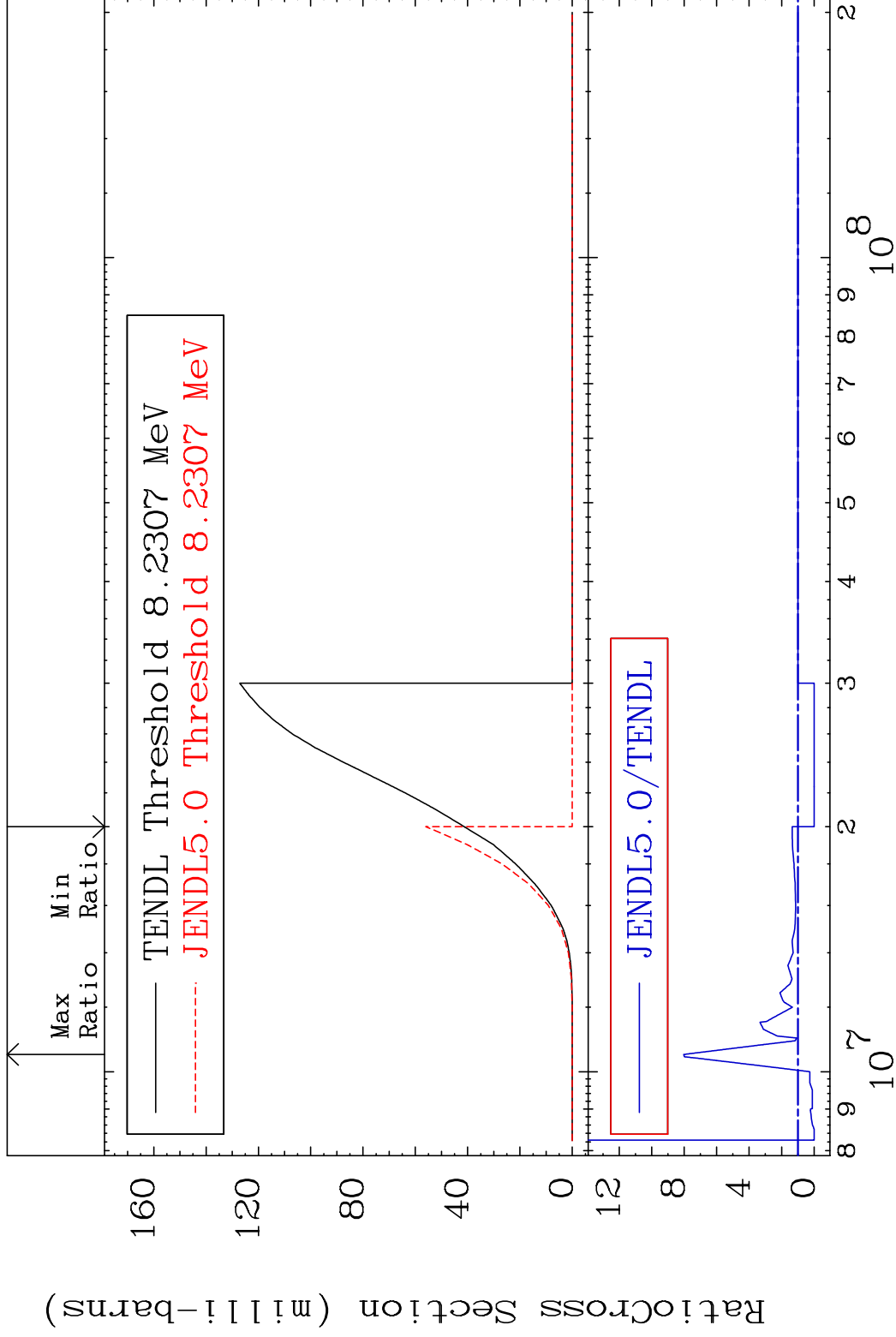


MAT 5437

(n, n') p

54-Xe-128

Cross Section -100.0 To 703.1 %

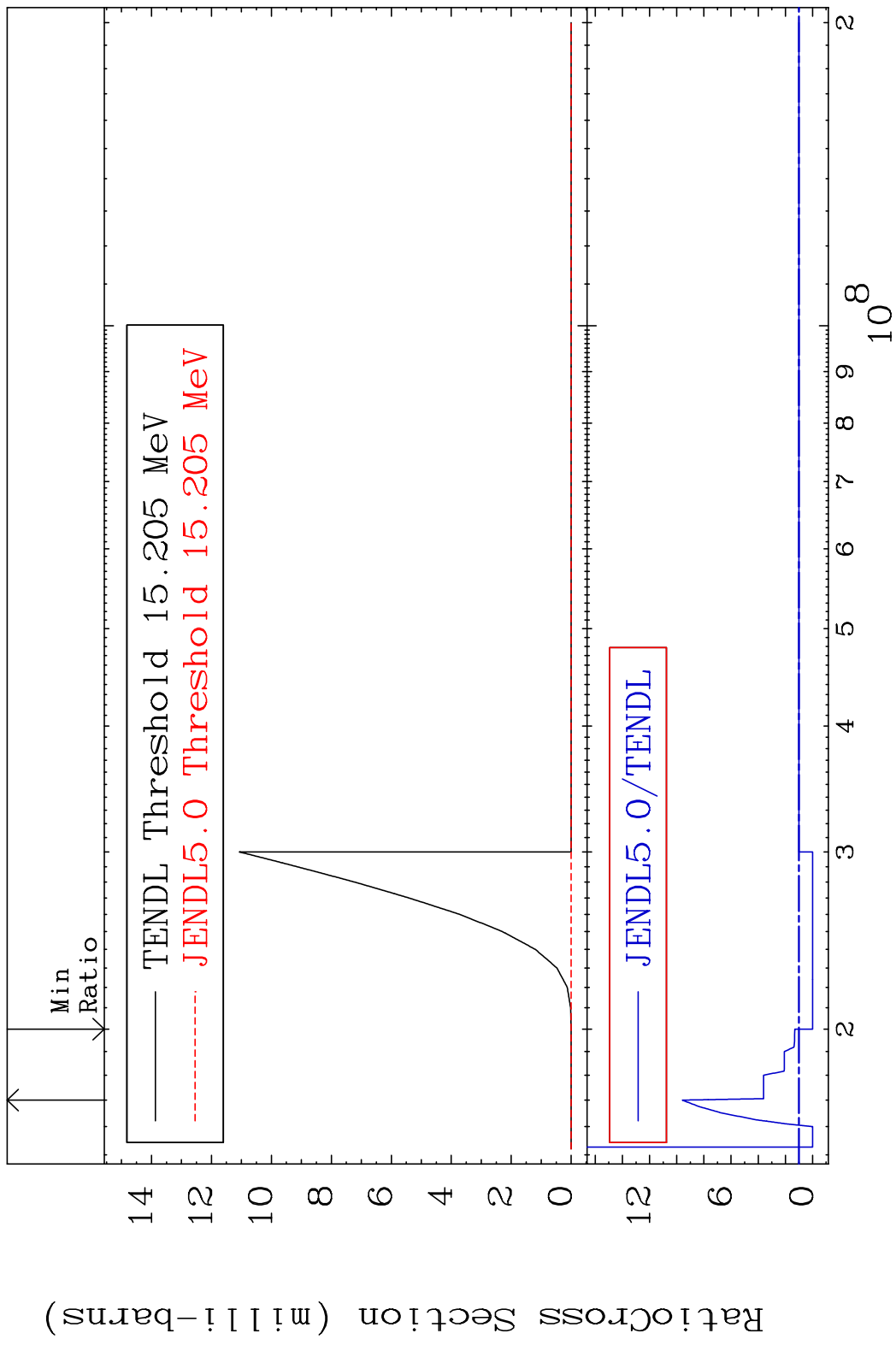


8

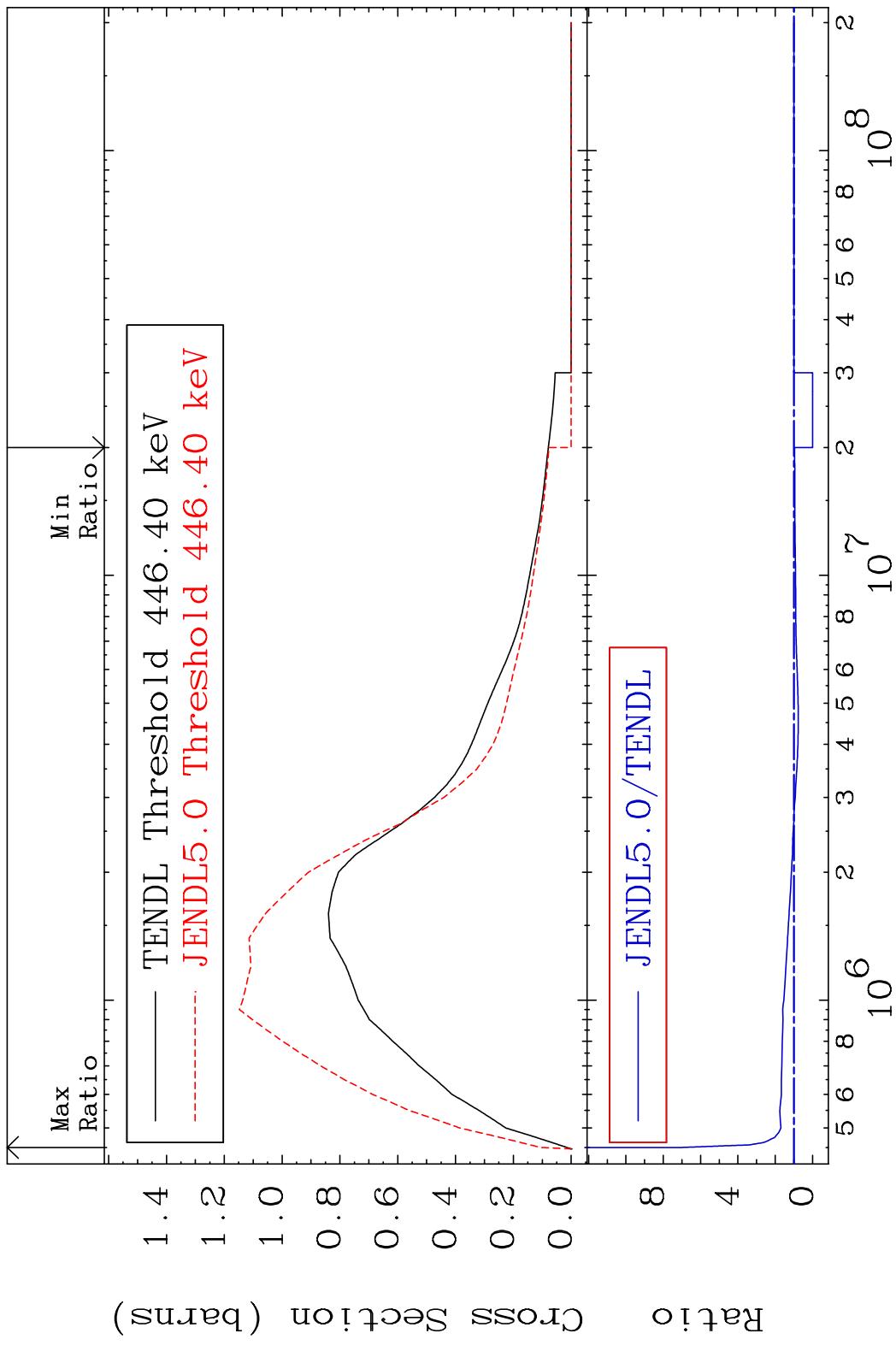
Incident Energy (eV)

54-Xe-128

MAT 5437 (n, n') d 54-Xe-128  
 Cross Section -100.0 To 858.7 %

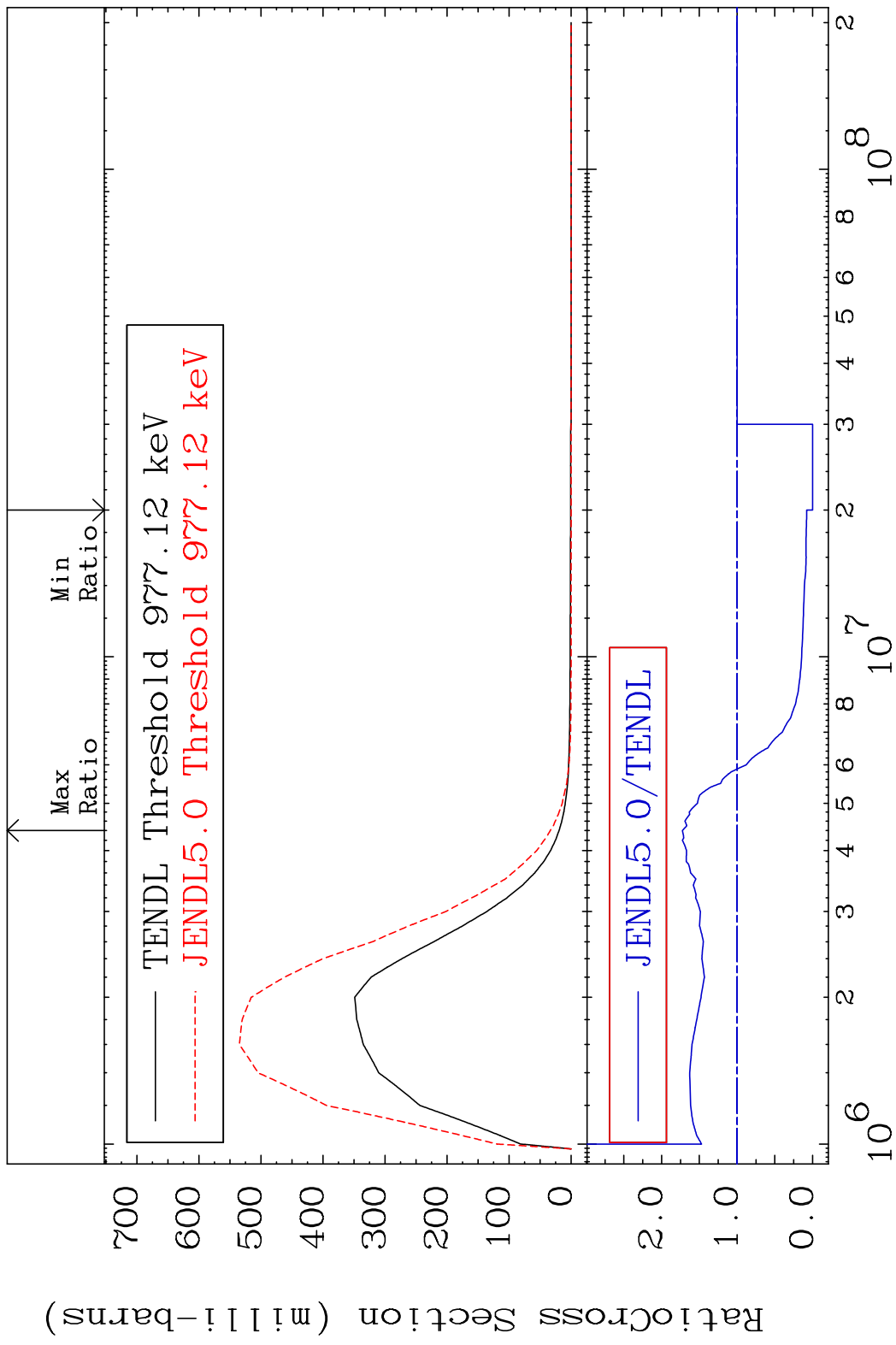


MAT 5437 MT= 51 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 597.7 %



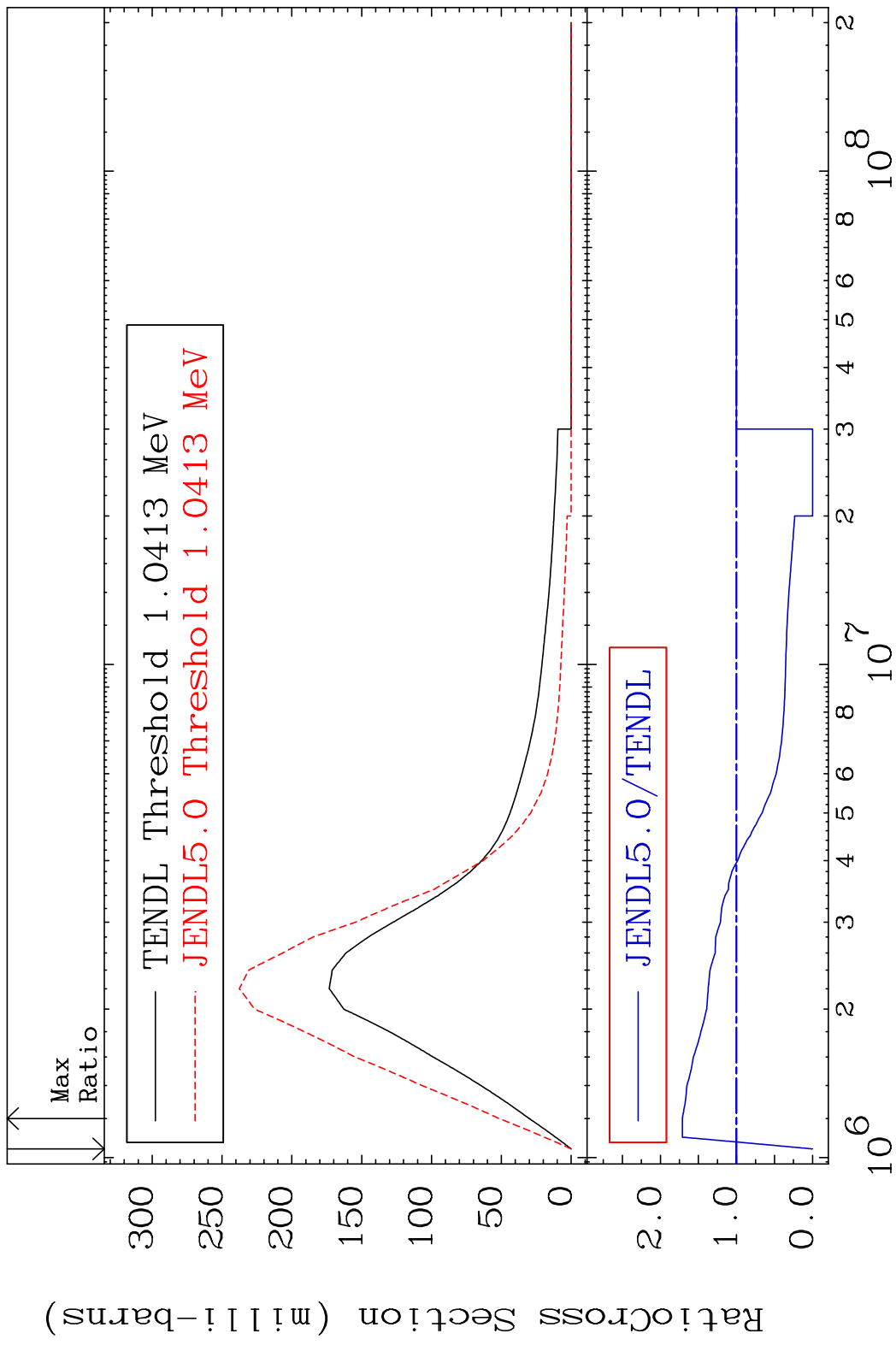
10 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 52 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 72.49 %



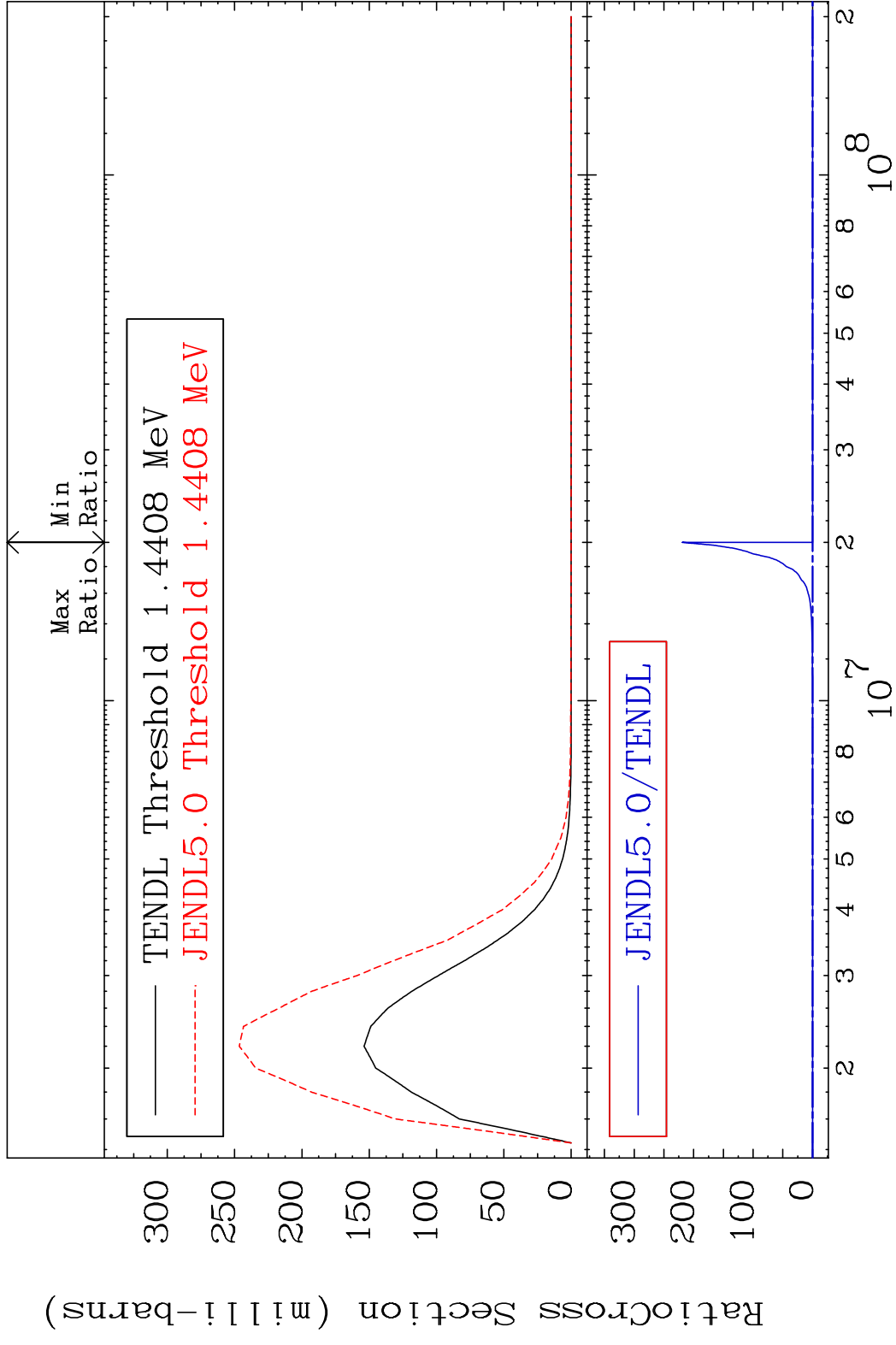
11 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 53 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 71.16 %

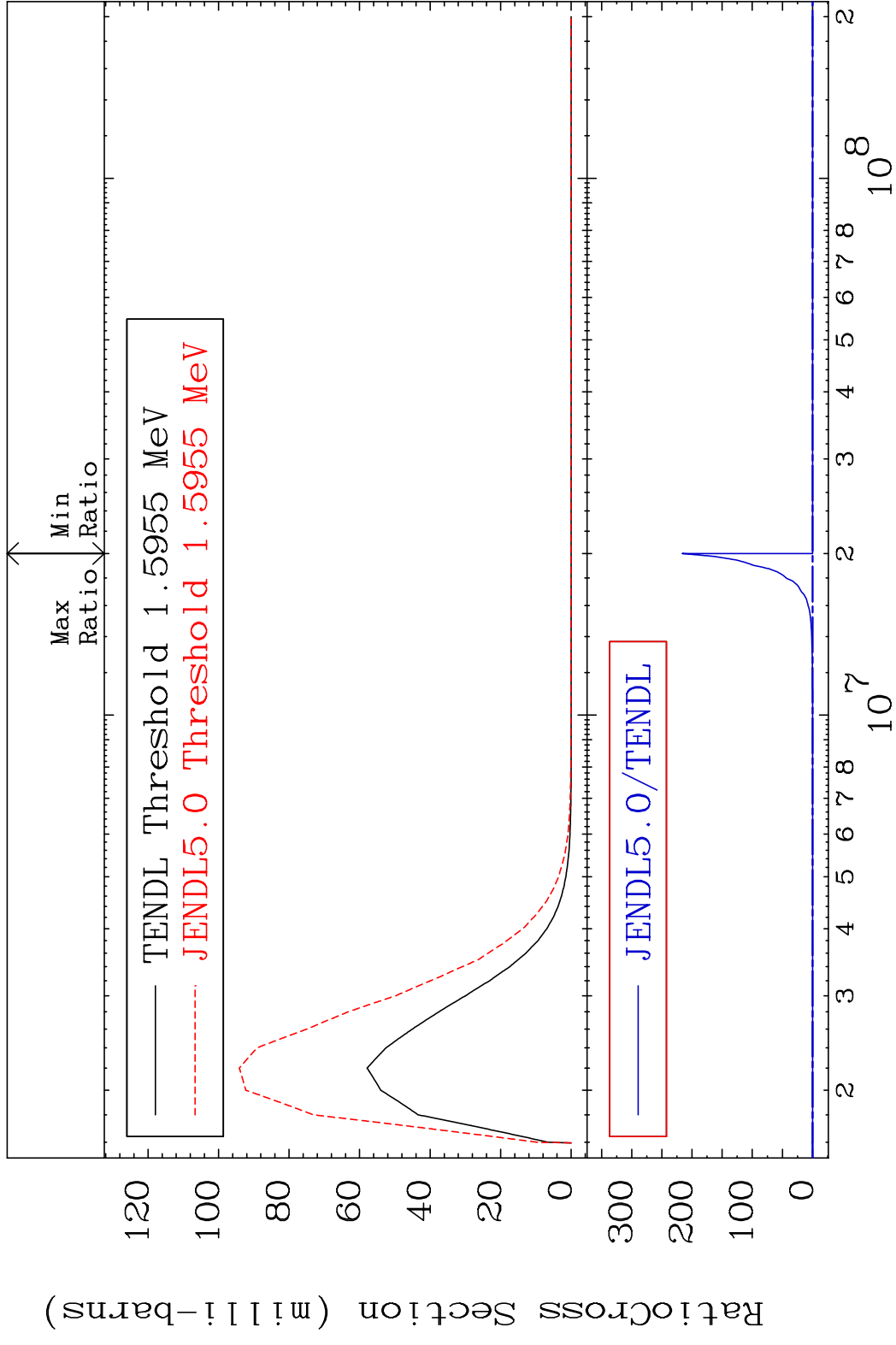


12 Incident Energy (eV) 54-Xe-128

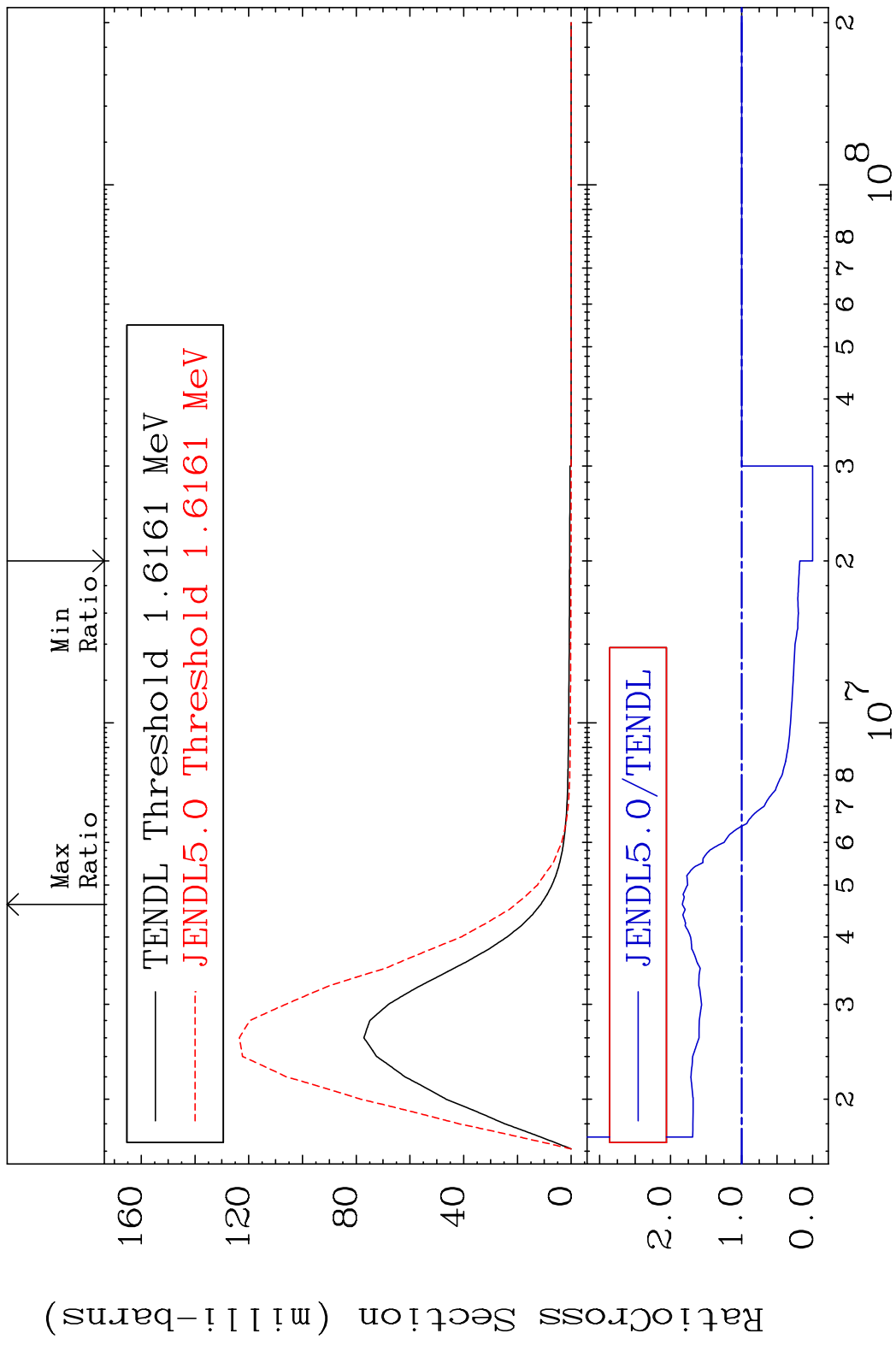
MAT 5437 MT= 54 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 MT= 55 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



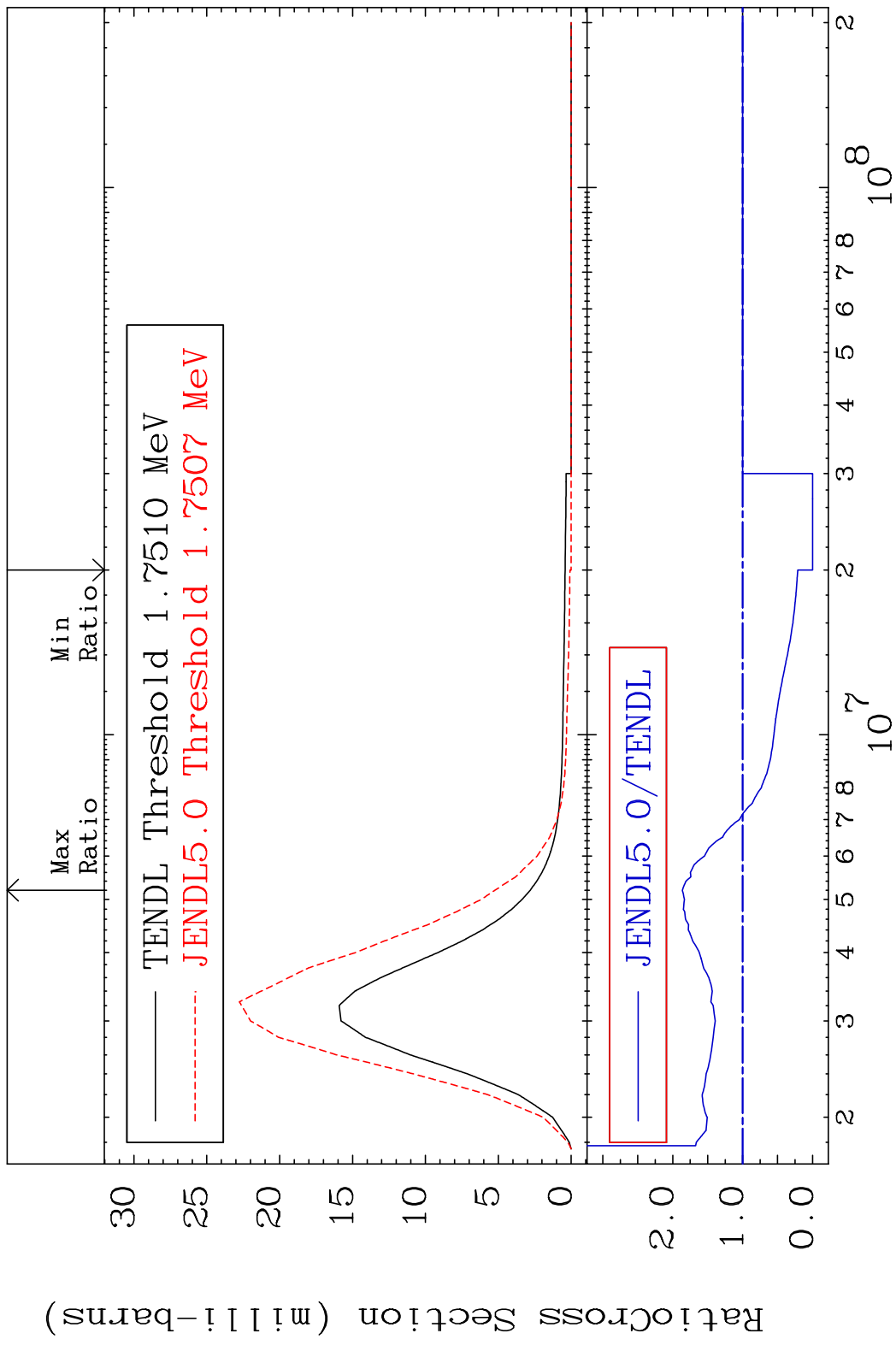
MAT 5437 MT= 56 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 83.44 %



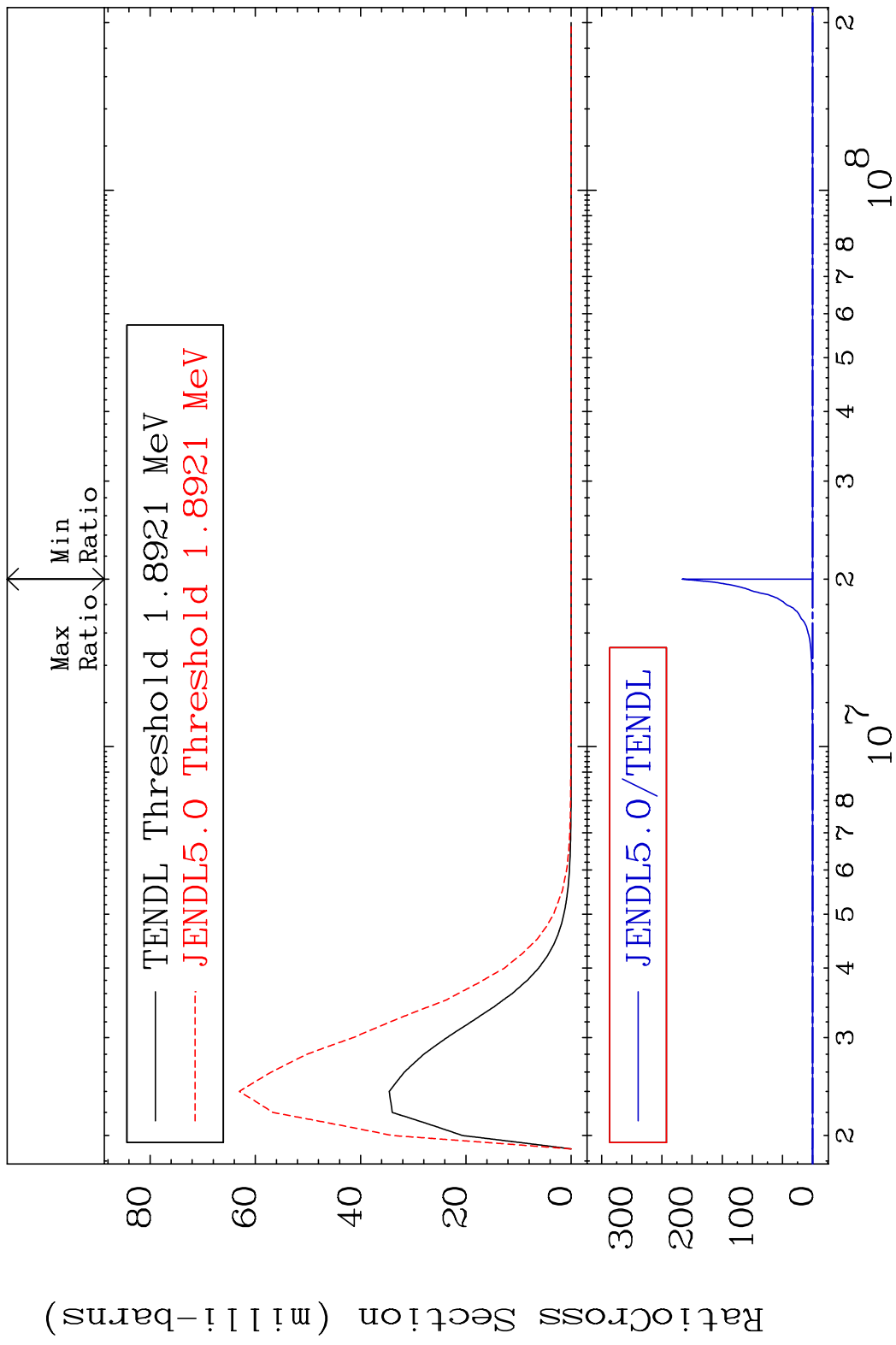
15 Incident Energy (eV) 54-Xe-128



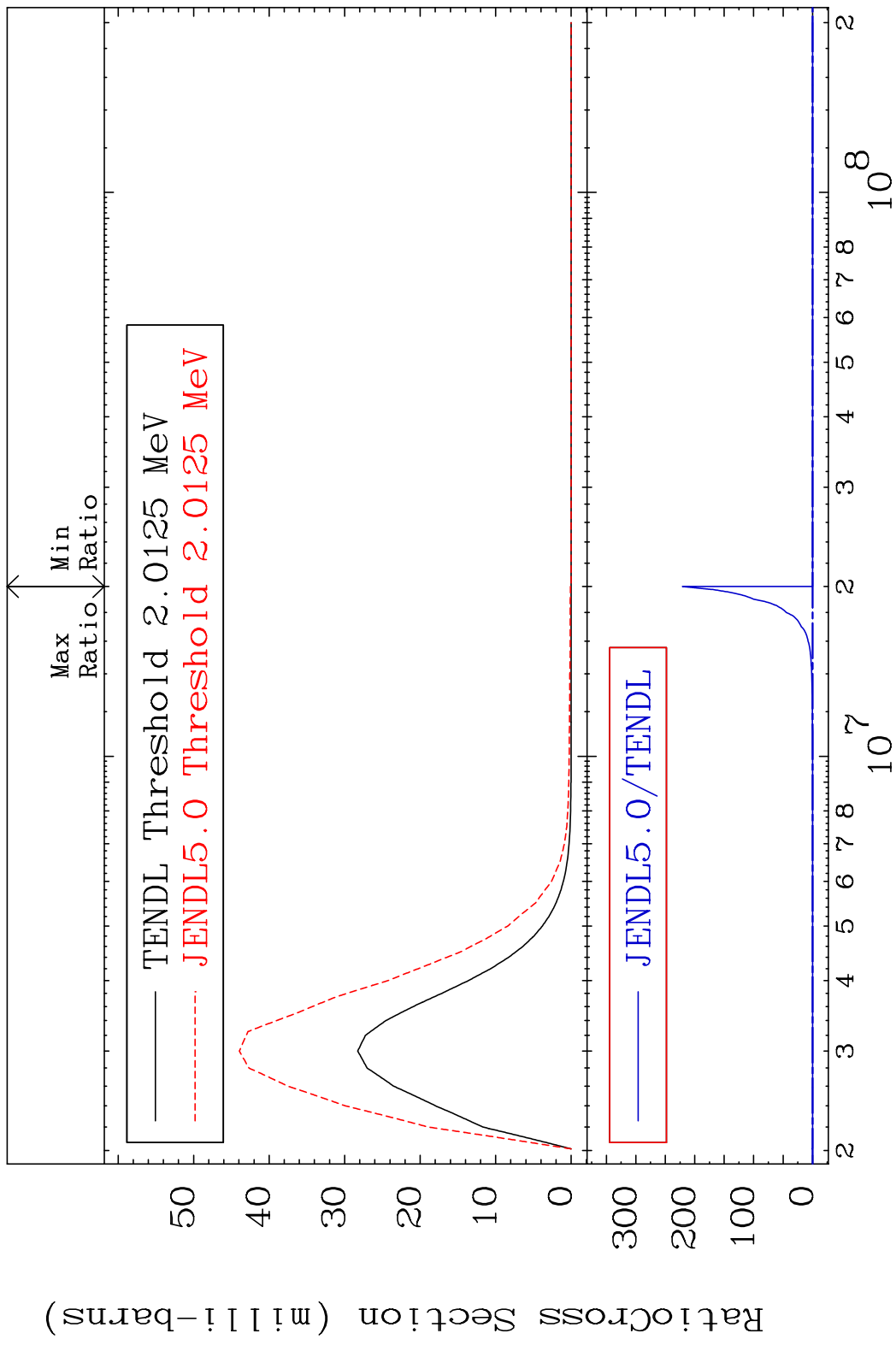
MAT 5437 MT= 57 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 86.21 %



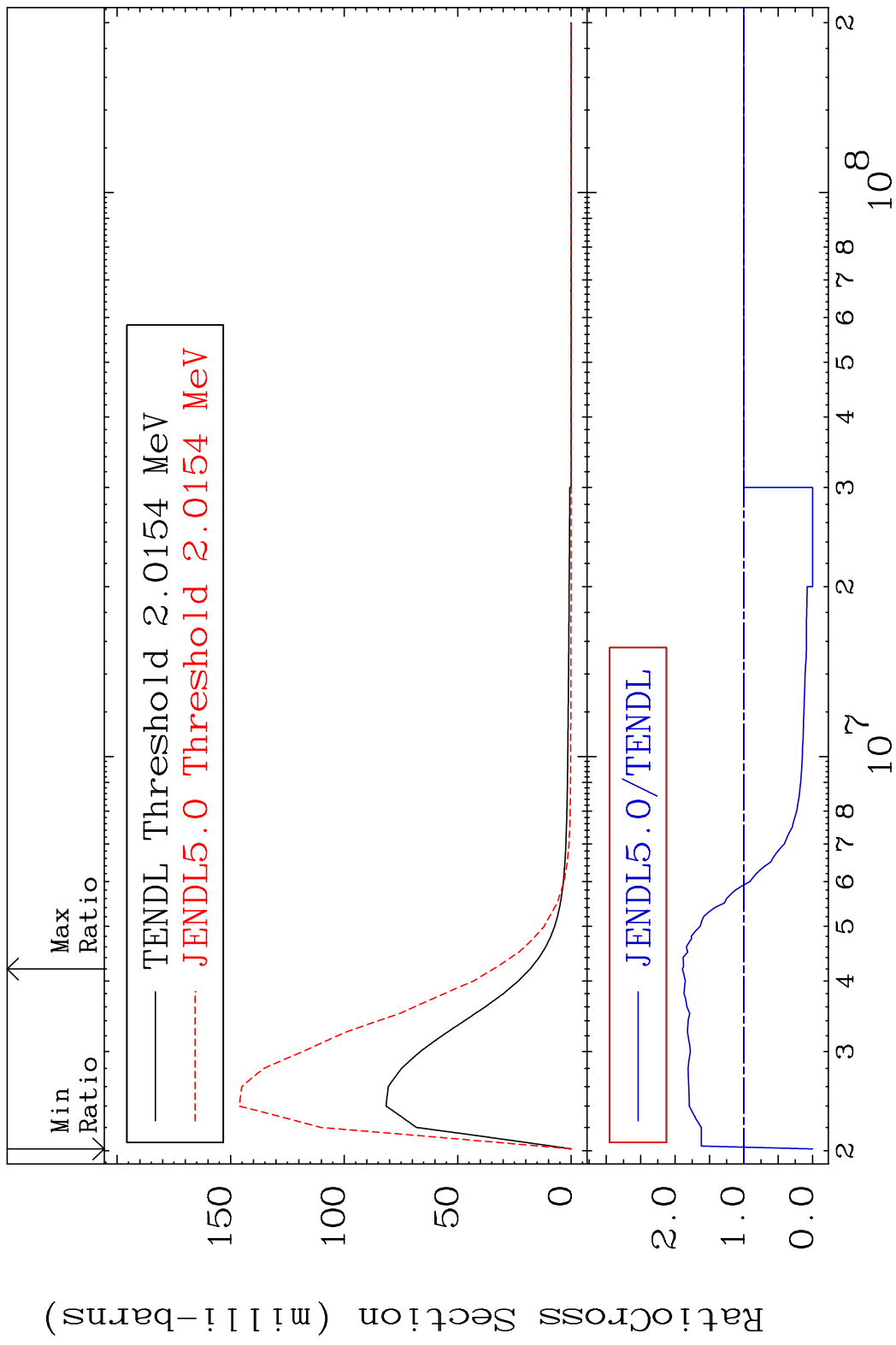
MAT 5437 MT= 58 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 MT= 59 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 MT= 60 (n,n') Level 54-Xe-128  
 Cross Section -100.0 To 89.38 %

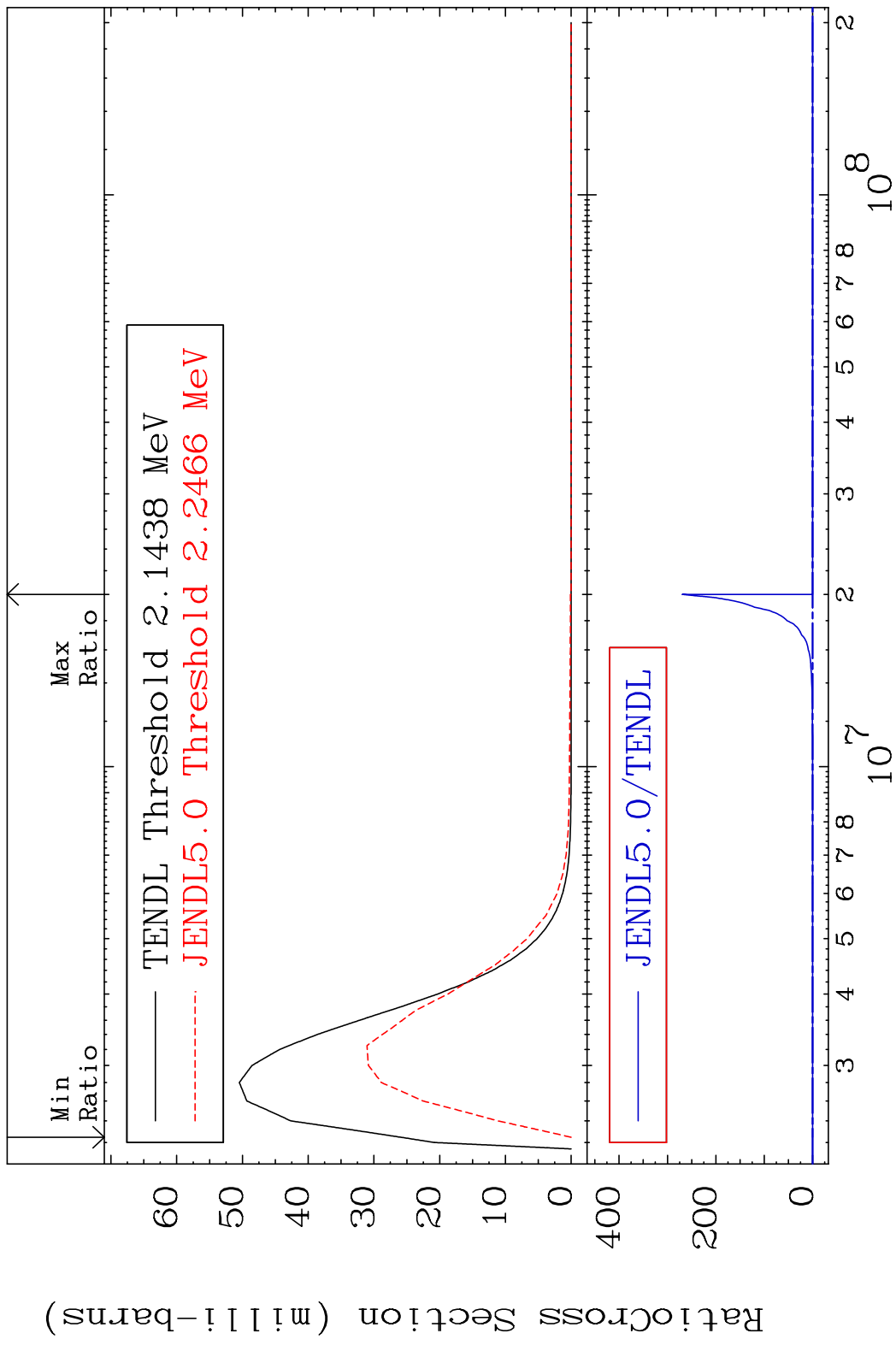


MAT 5437 MT= 61 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 253.8 %

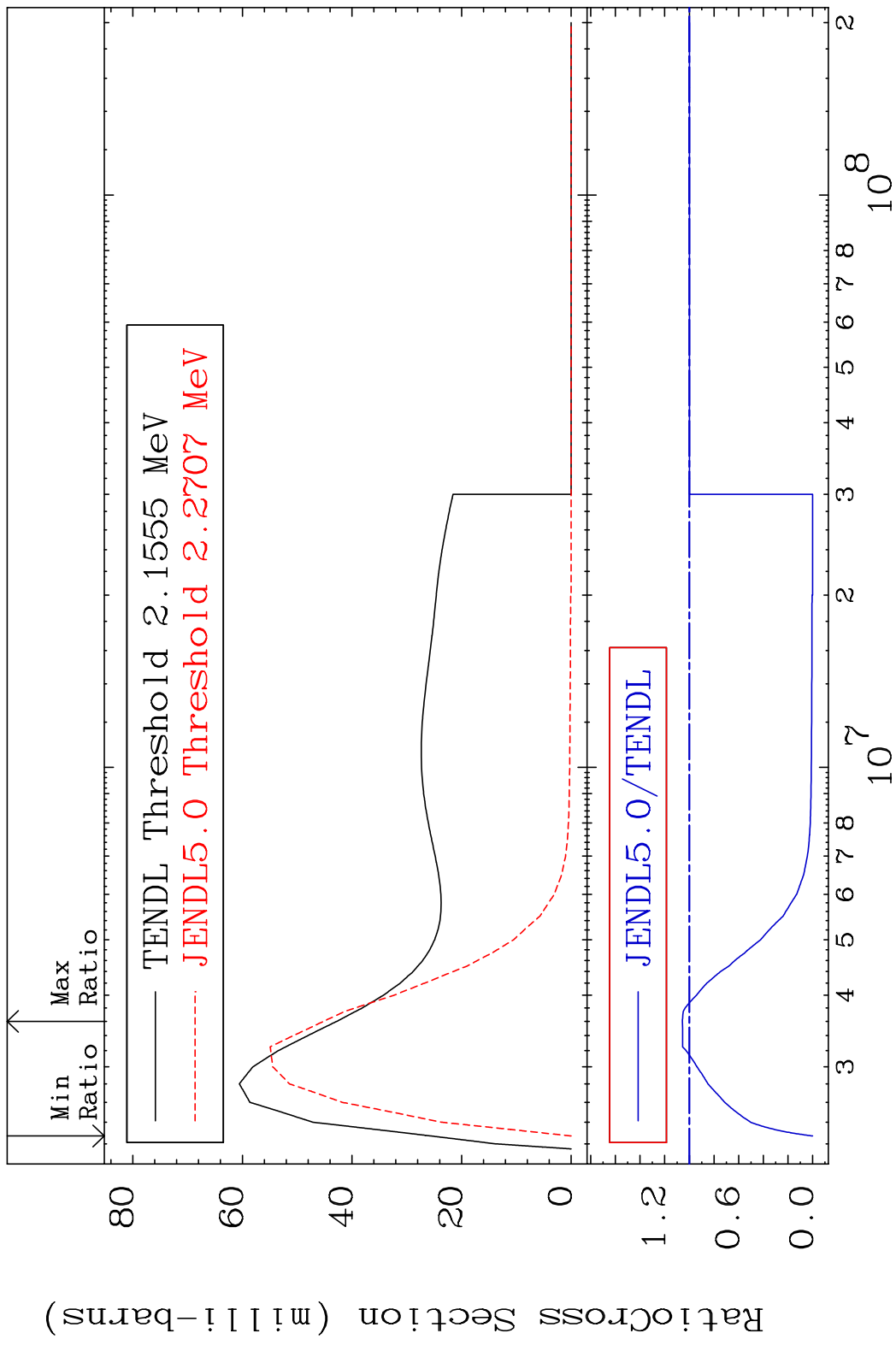


20 54-Xe-128

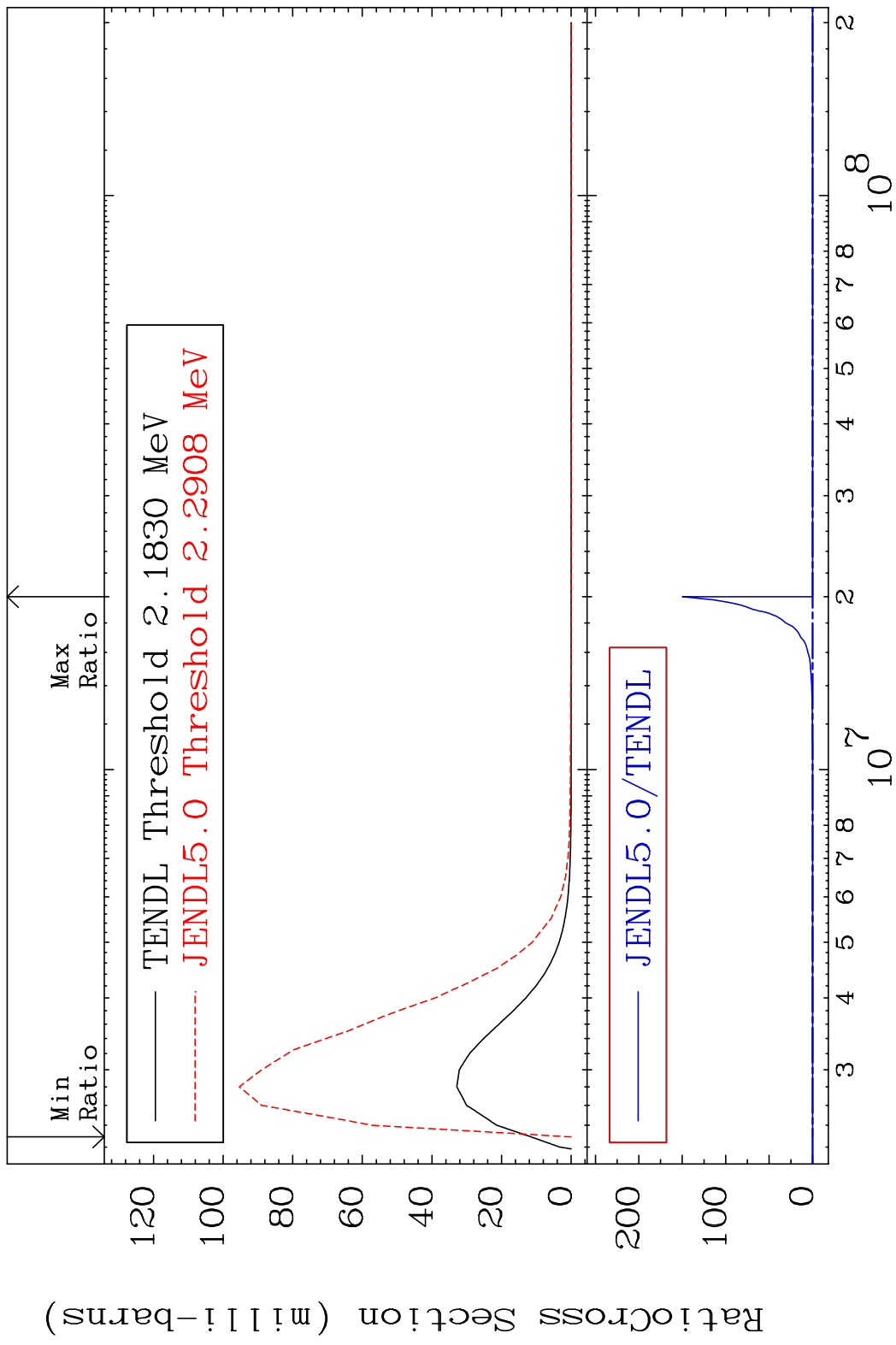
MAT 5437 MT= 62 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 MT= 63 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 5.682 %



MAT 5437 MT= 64 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



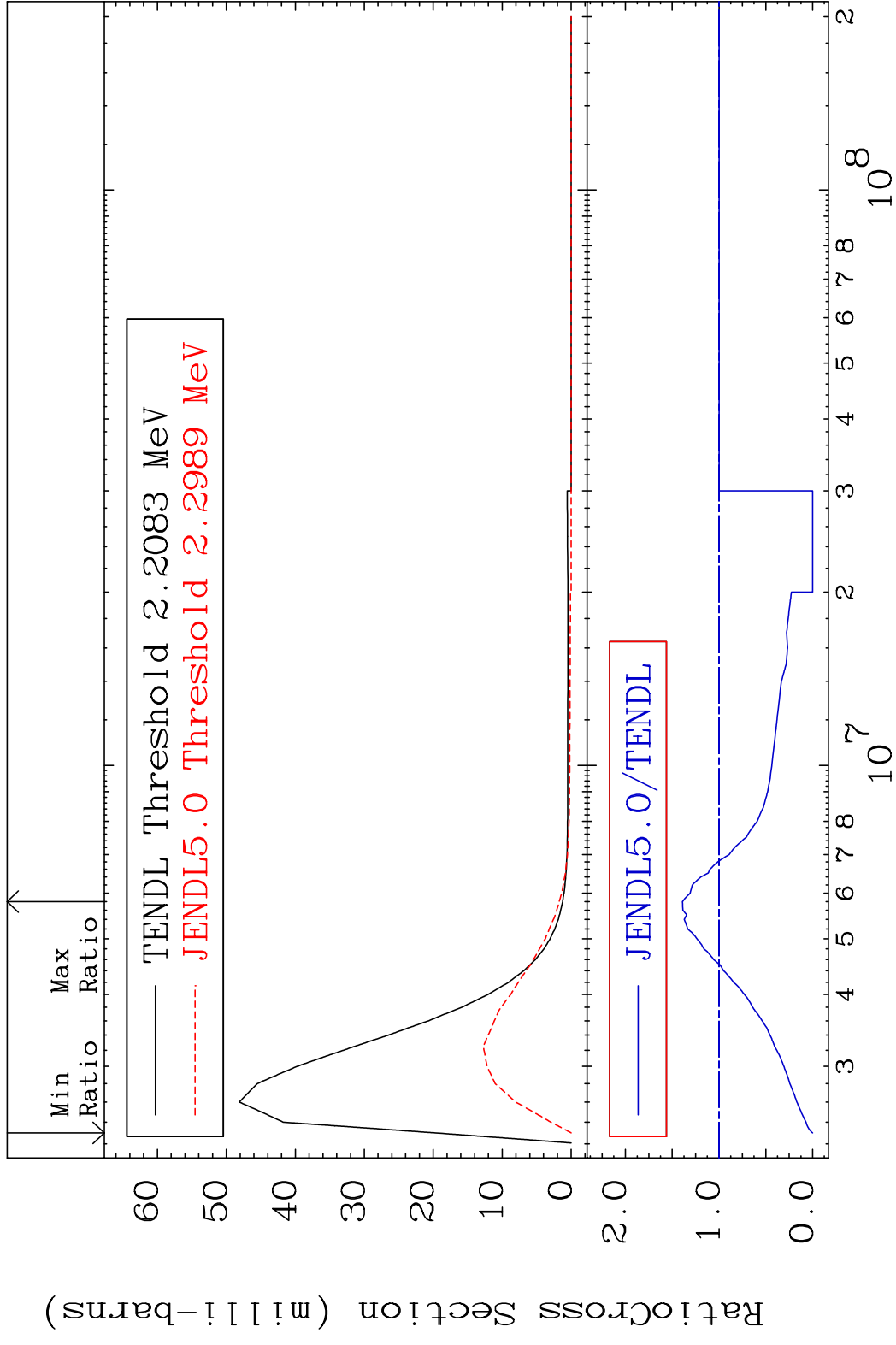


MAT 5437

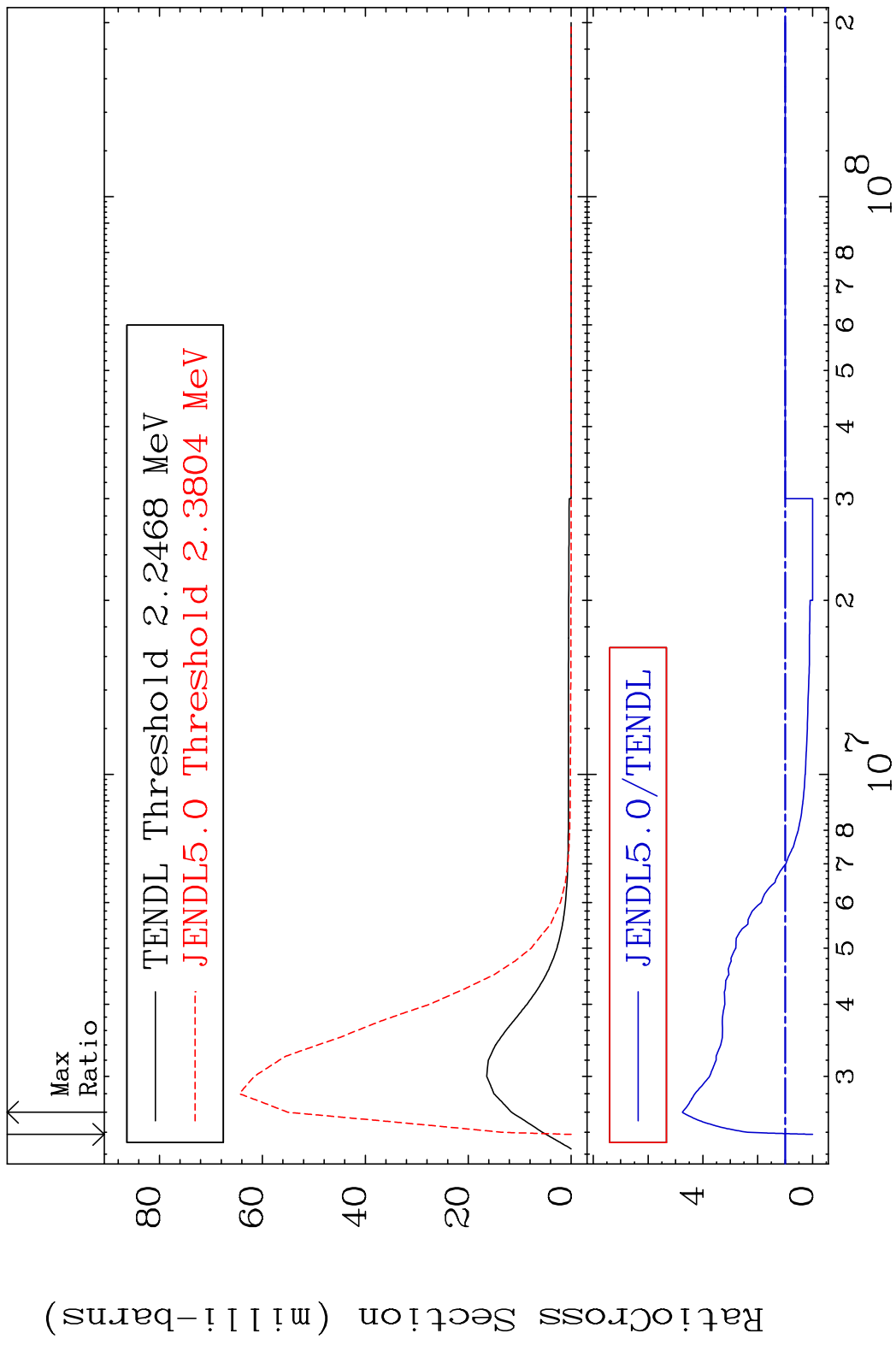
MT= 65 (n,n') Level

54-Xe-128

Cross Section -100.0 To 39.17 %

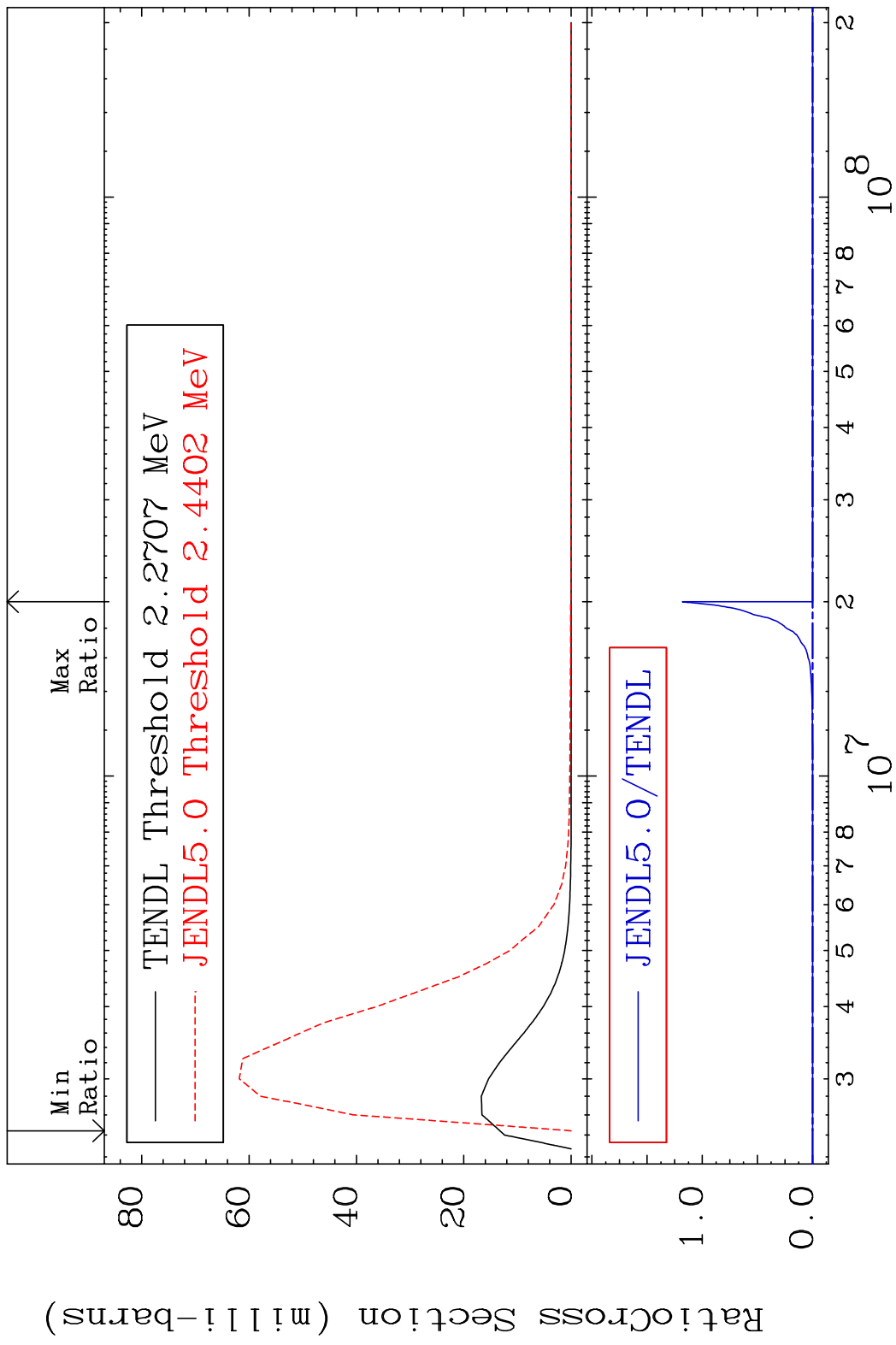


MAT 5437 MT= 66 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 375.0 %

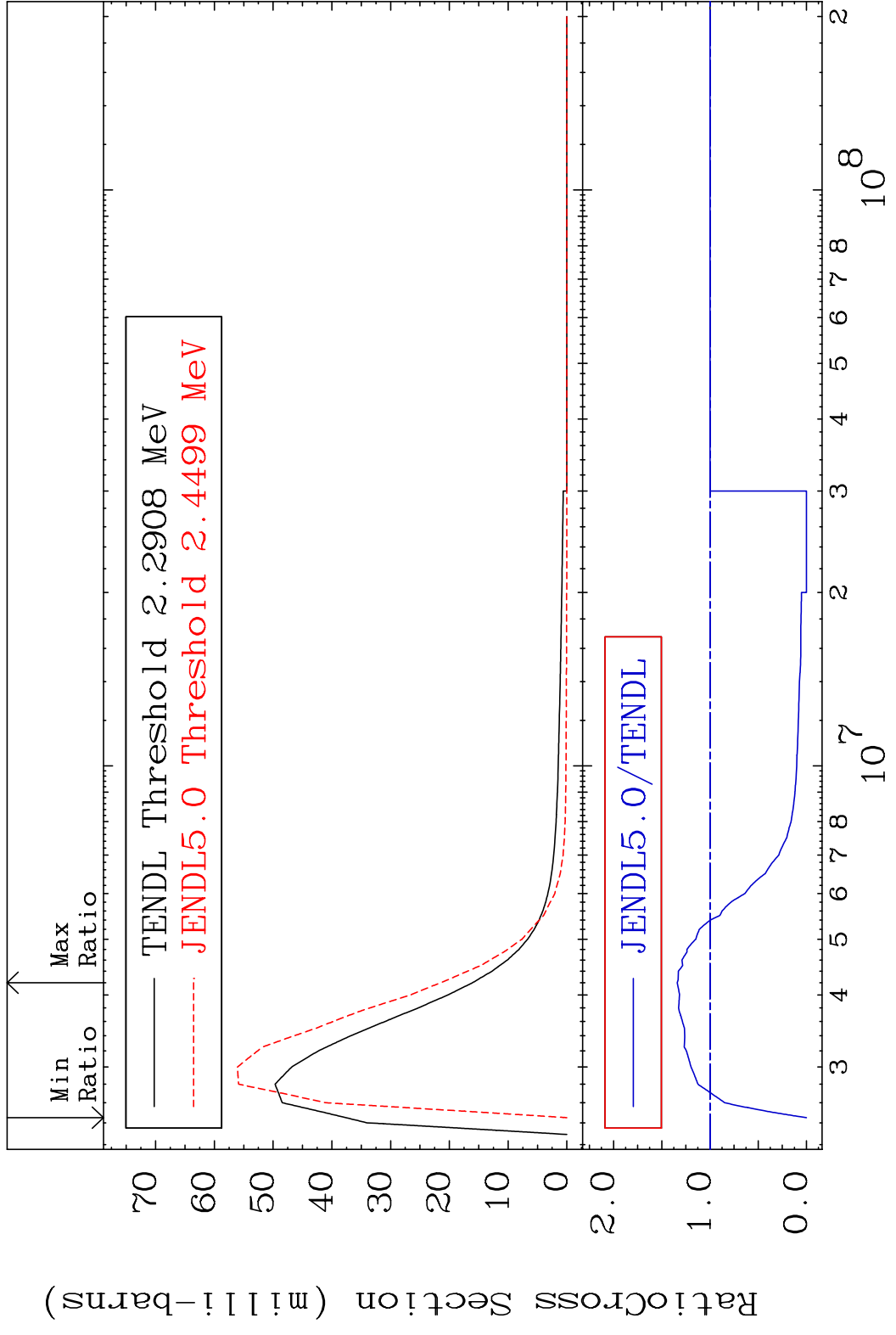


25 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 67 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 MT= 68 (n,n') Level 54-Xe-128  
 Cross Section -100.0 To 33.99 %

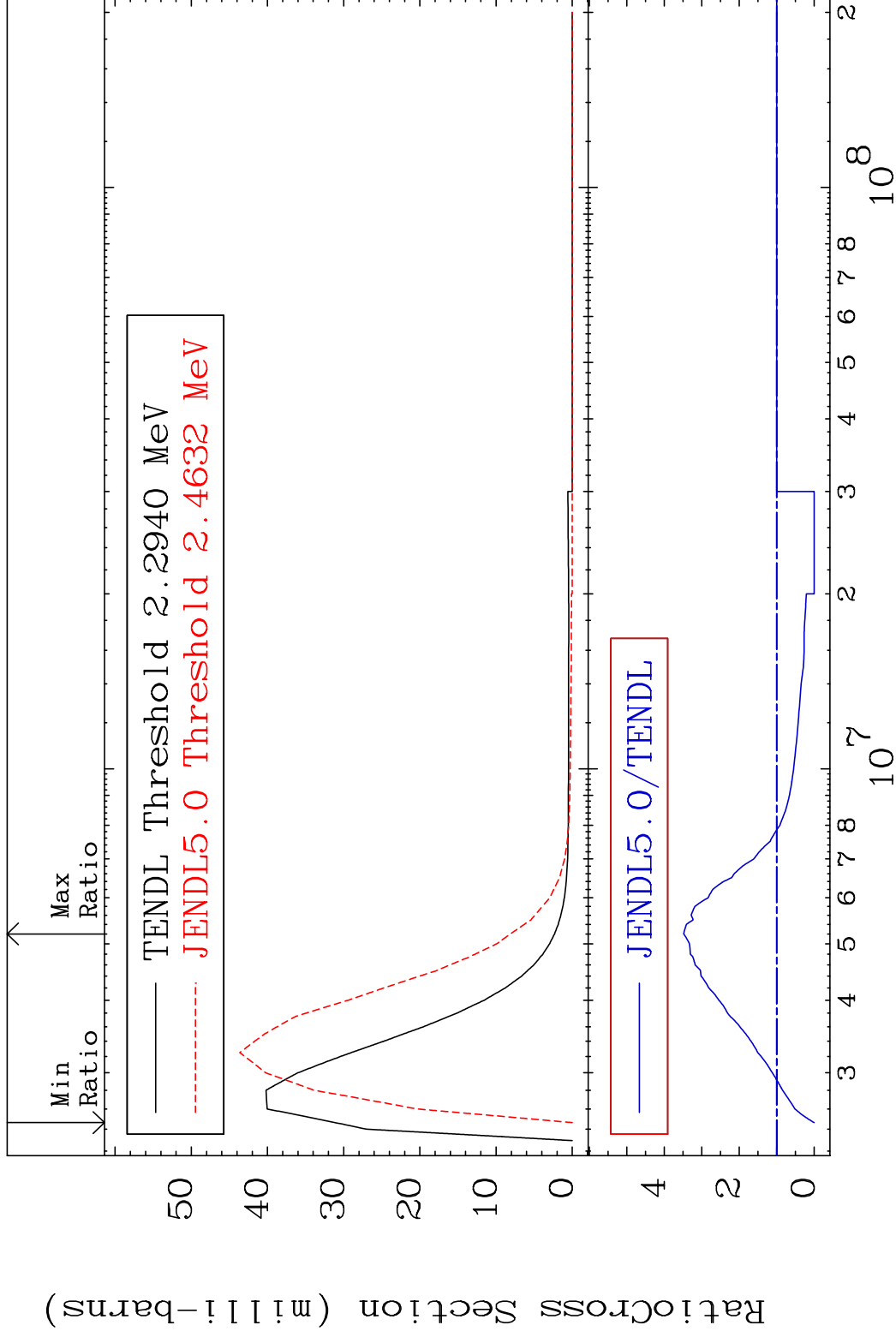


MAT 5437

MT= 69 (n, n') Level

54-Xe-128

Cross Section -100.0 To 248.3 %

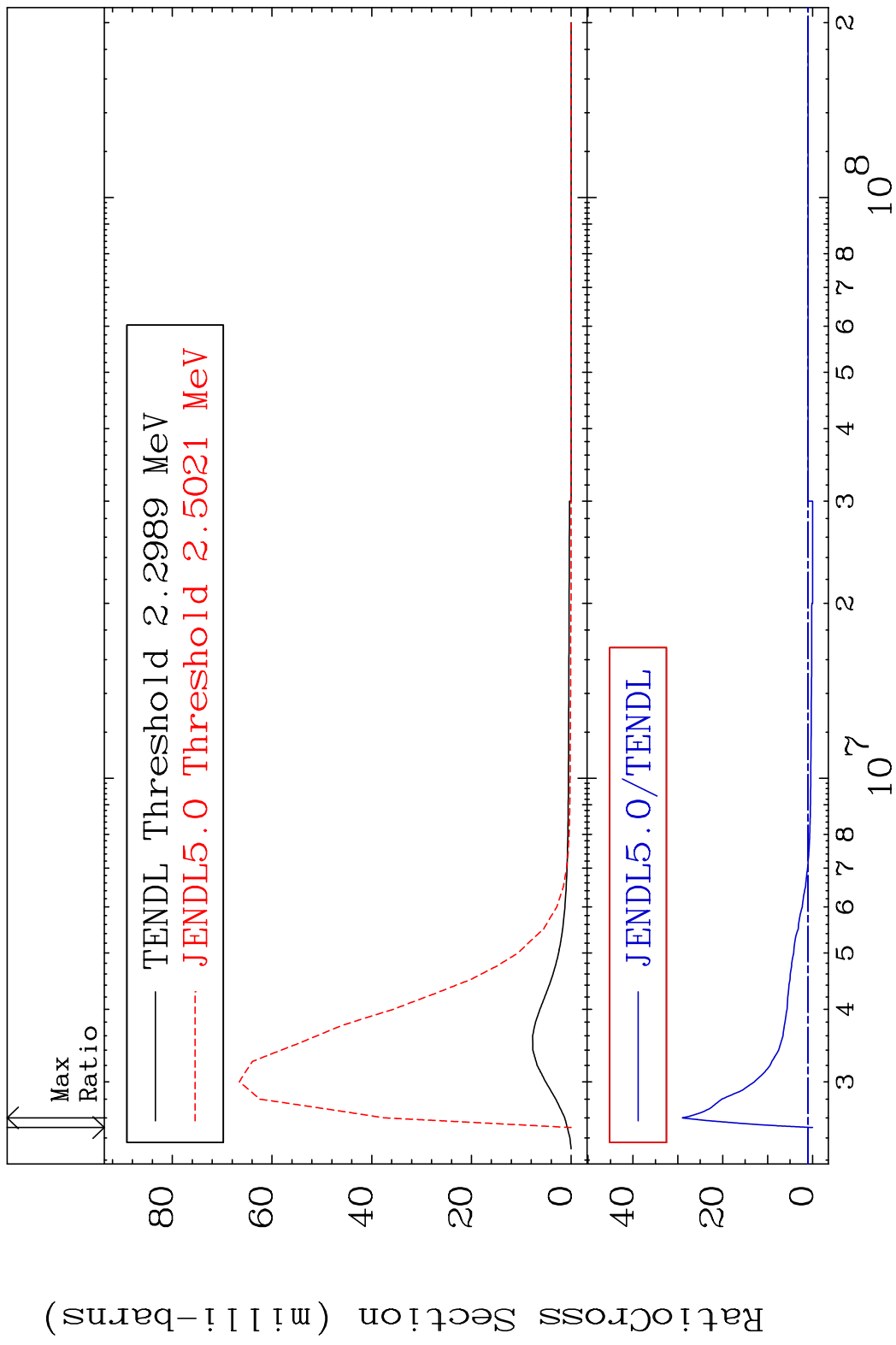


28

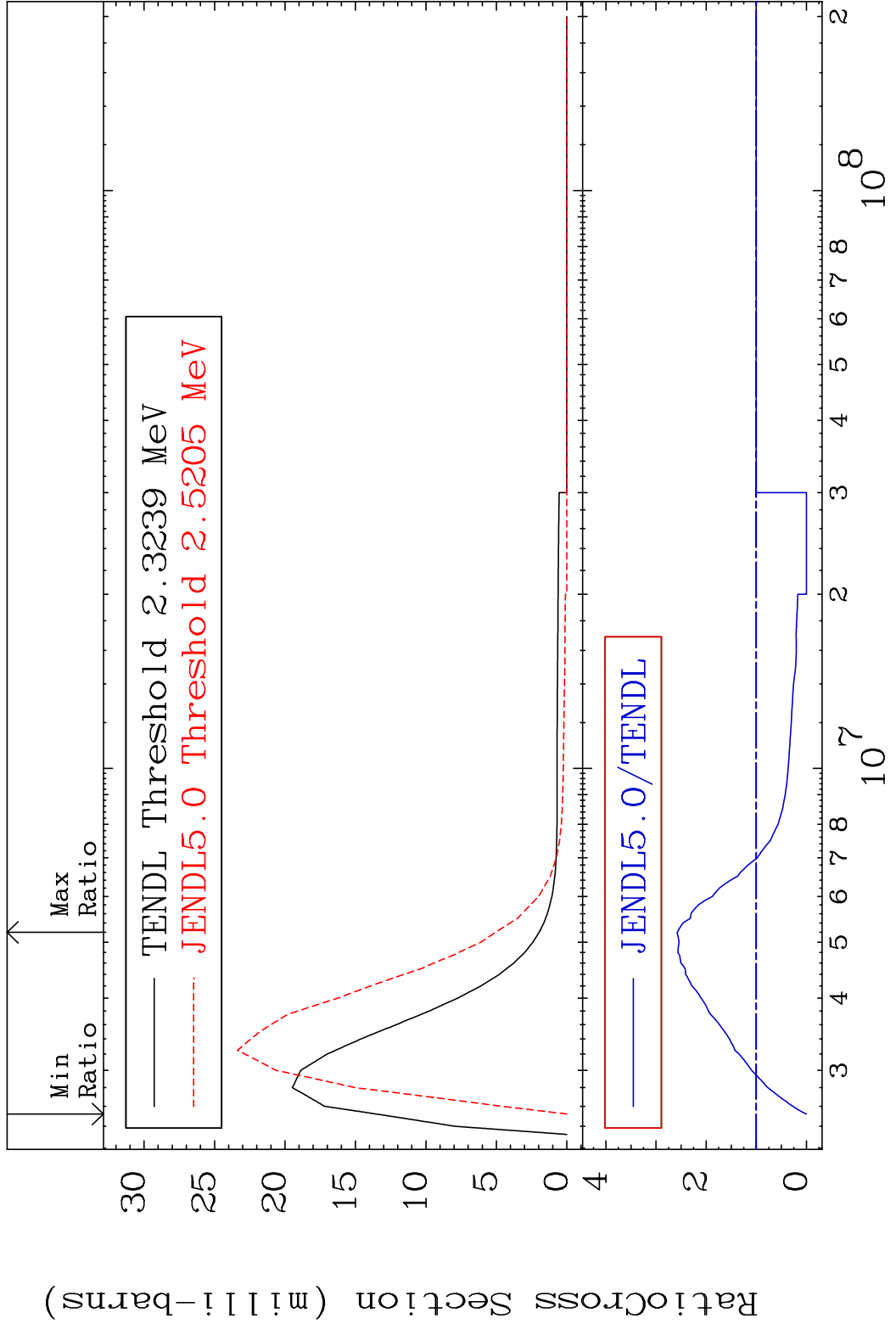
Incident Energy (eV)

54-Xe-128

MAT 5437 MT= 70 (n,n') Level 54-Xe-128  
 Cross Section -100.0 To 2799. %

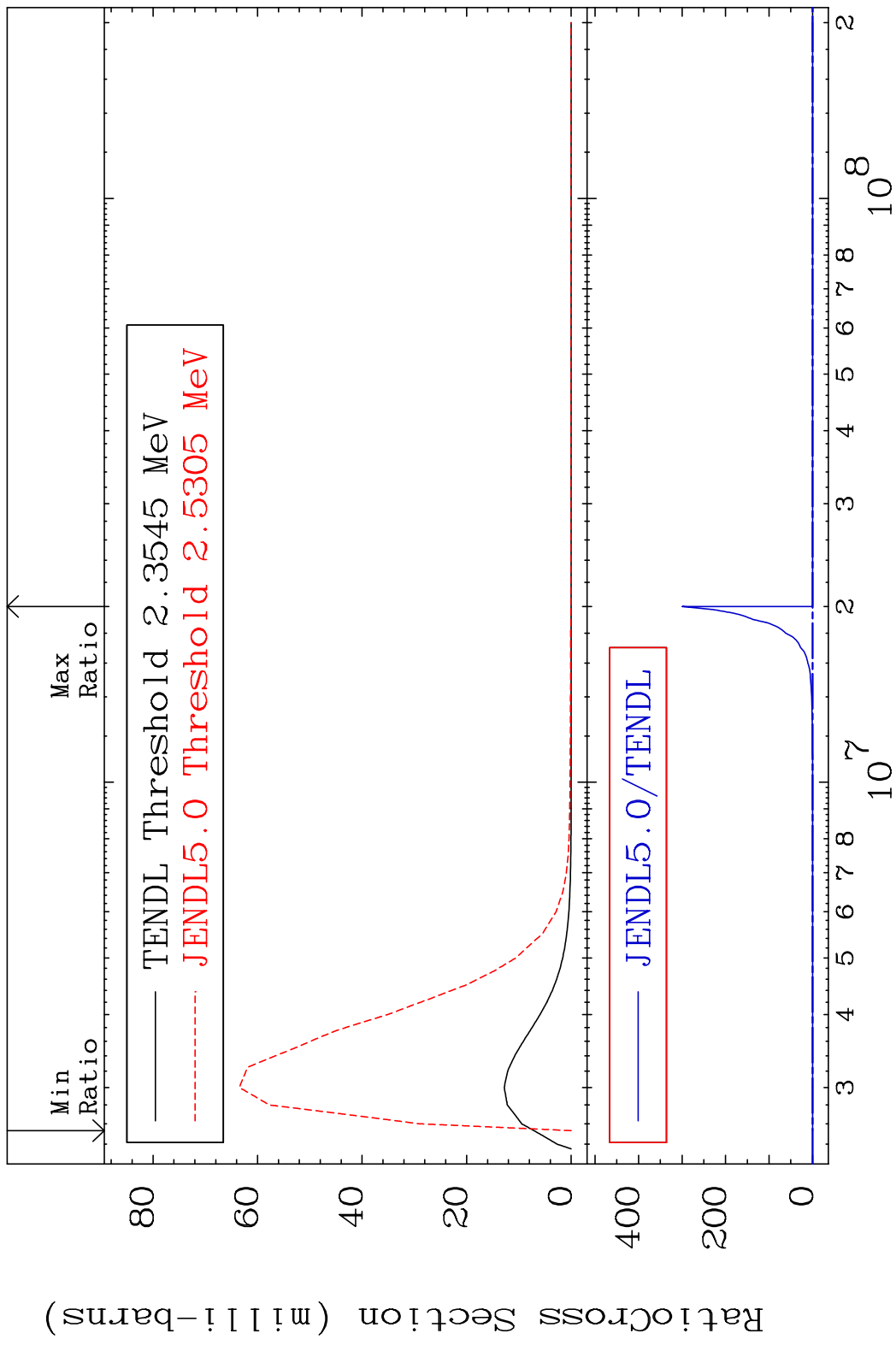


MAT 5437 MT= 71 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 157.8 %



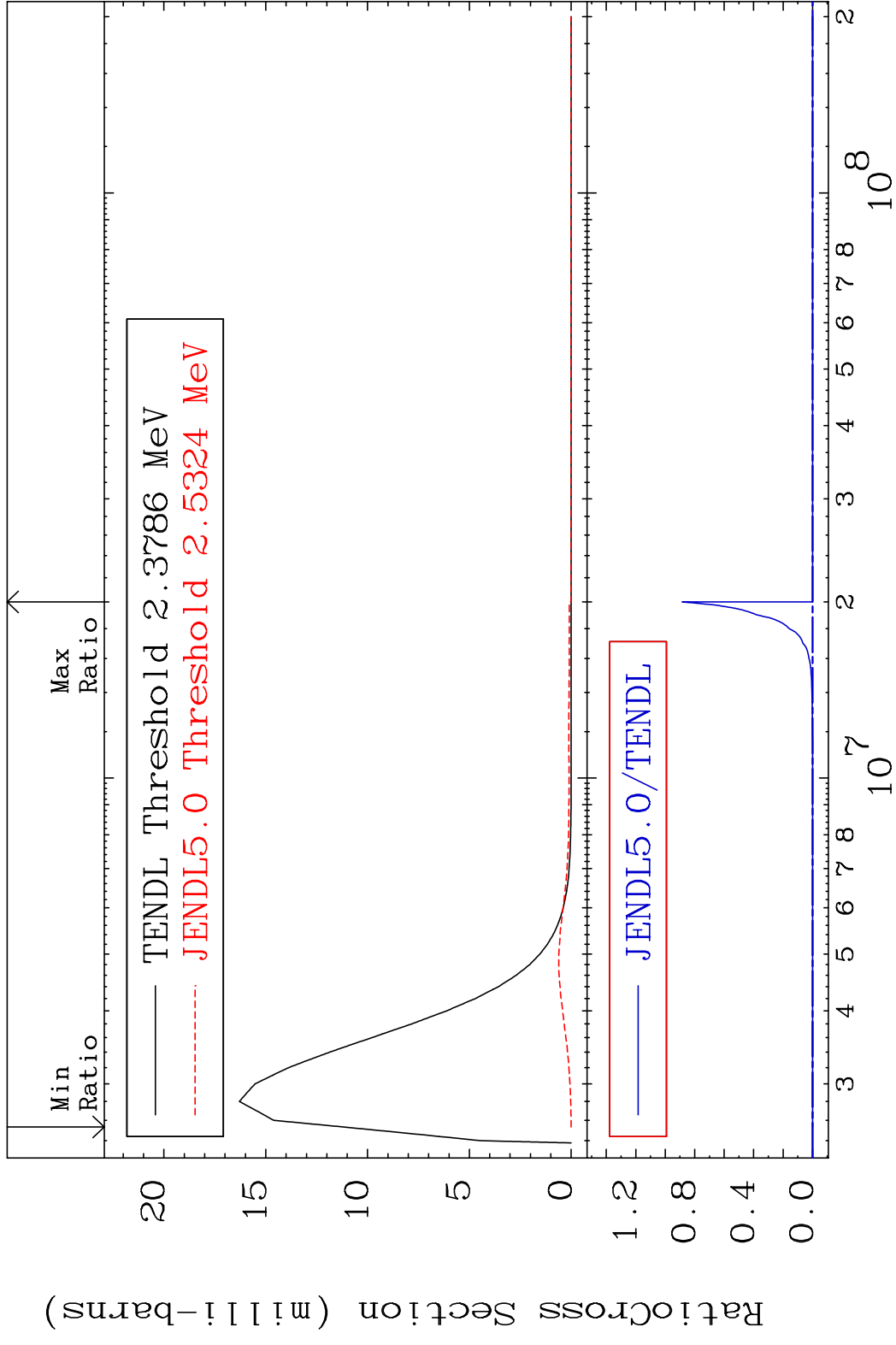
30 Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 72 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %

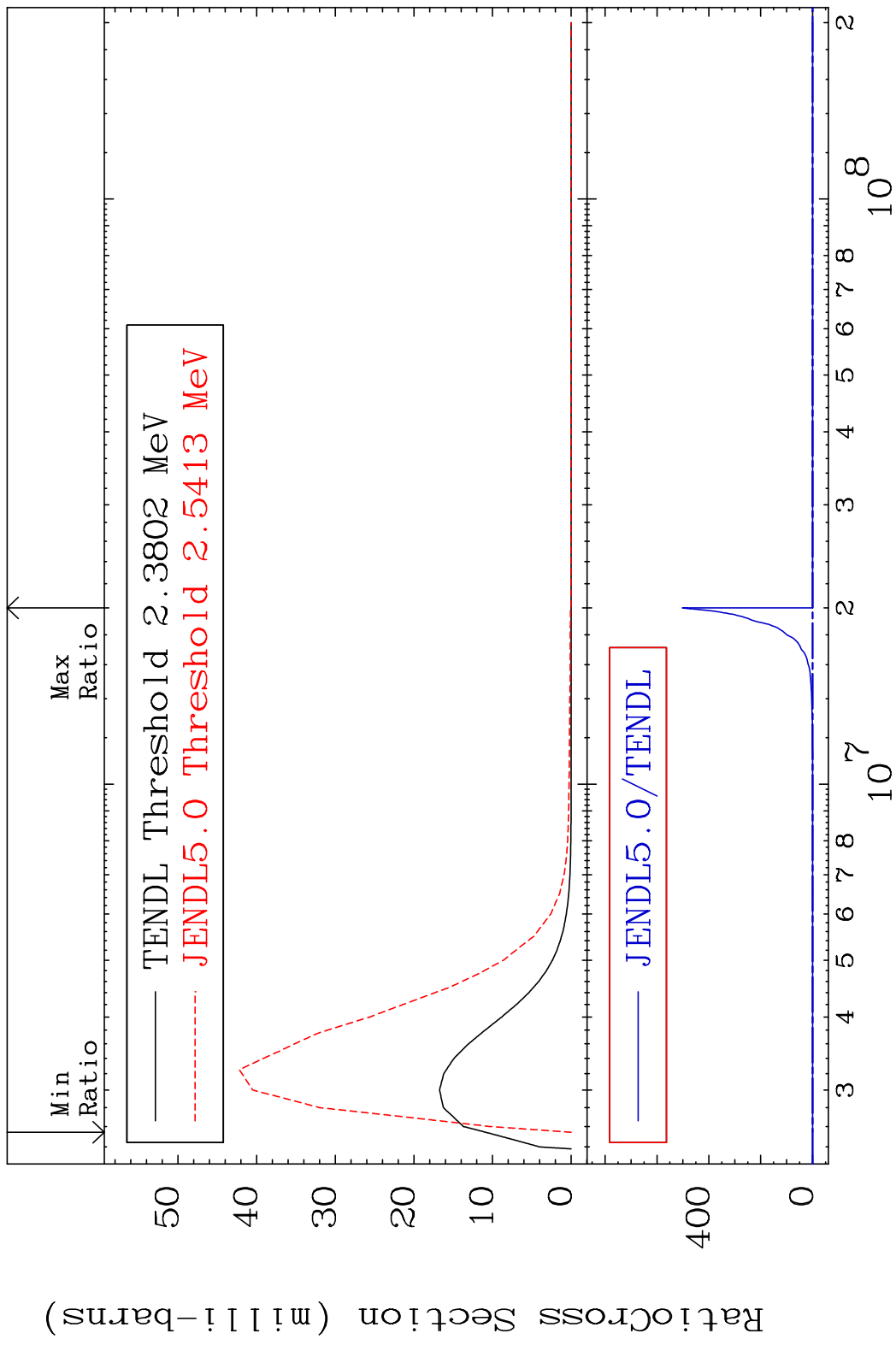




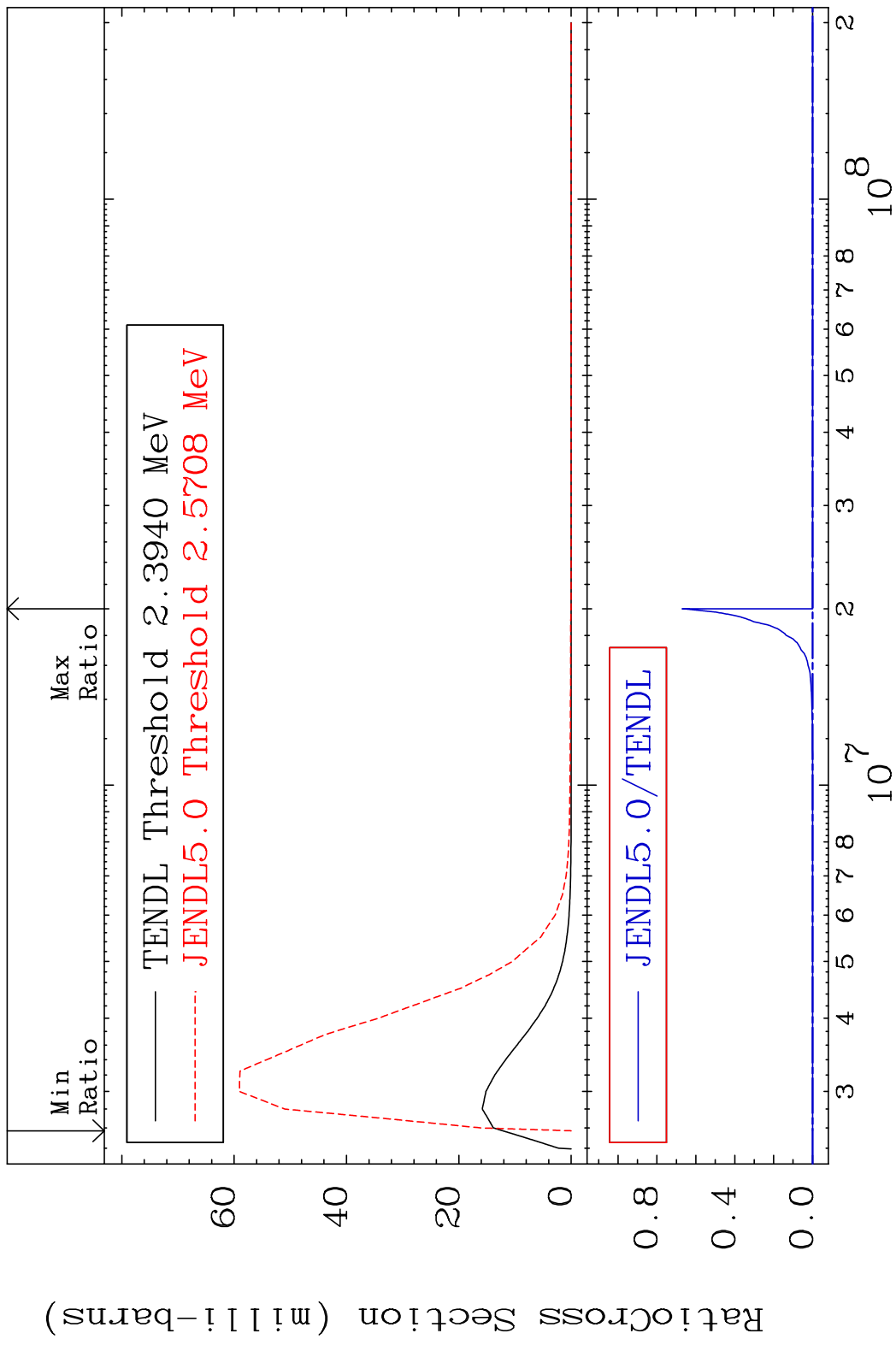
MAT 5437 MT= 73 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



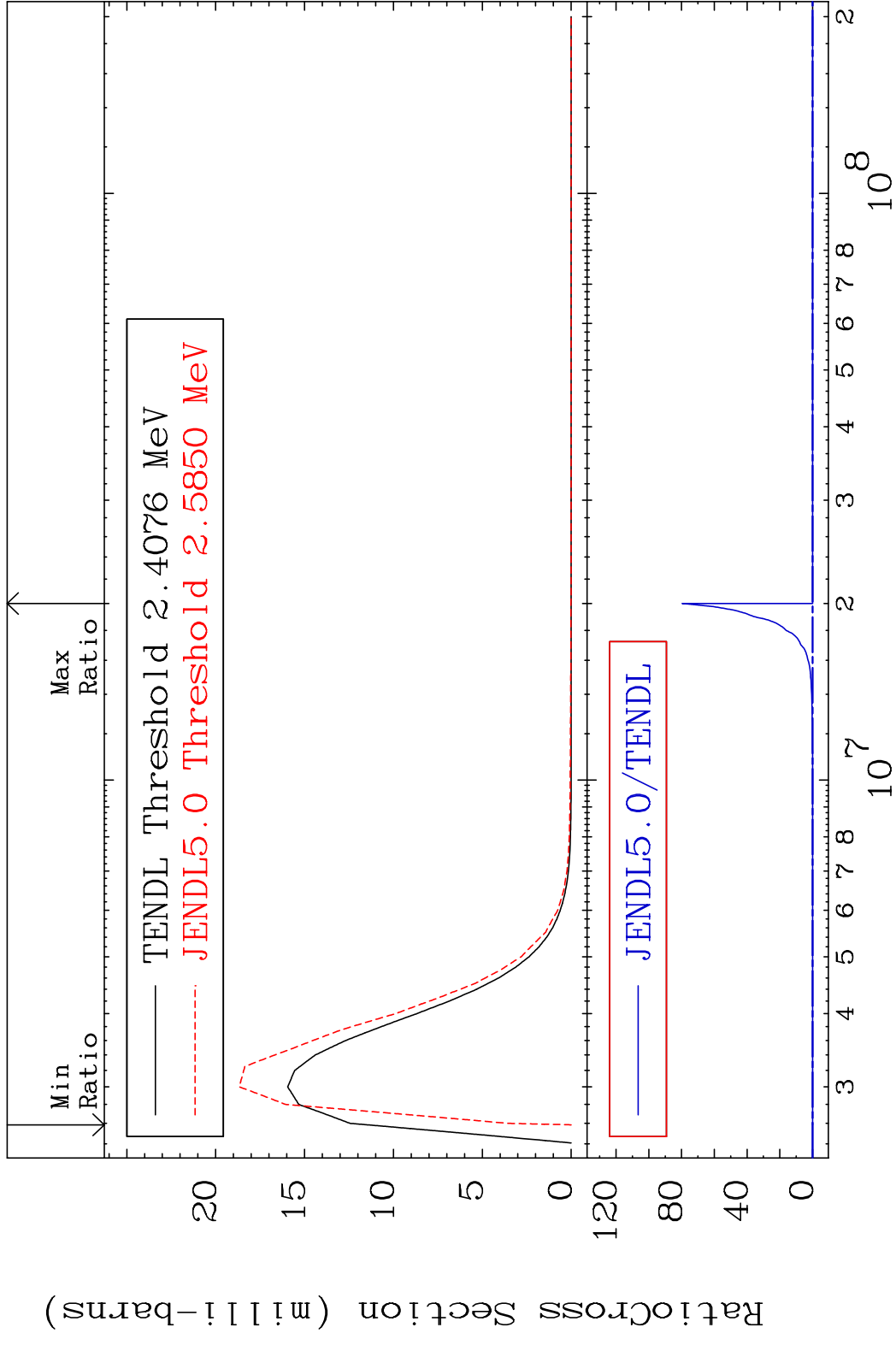
MAT 5437 MT= 74 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 MT= 75 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %

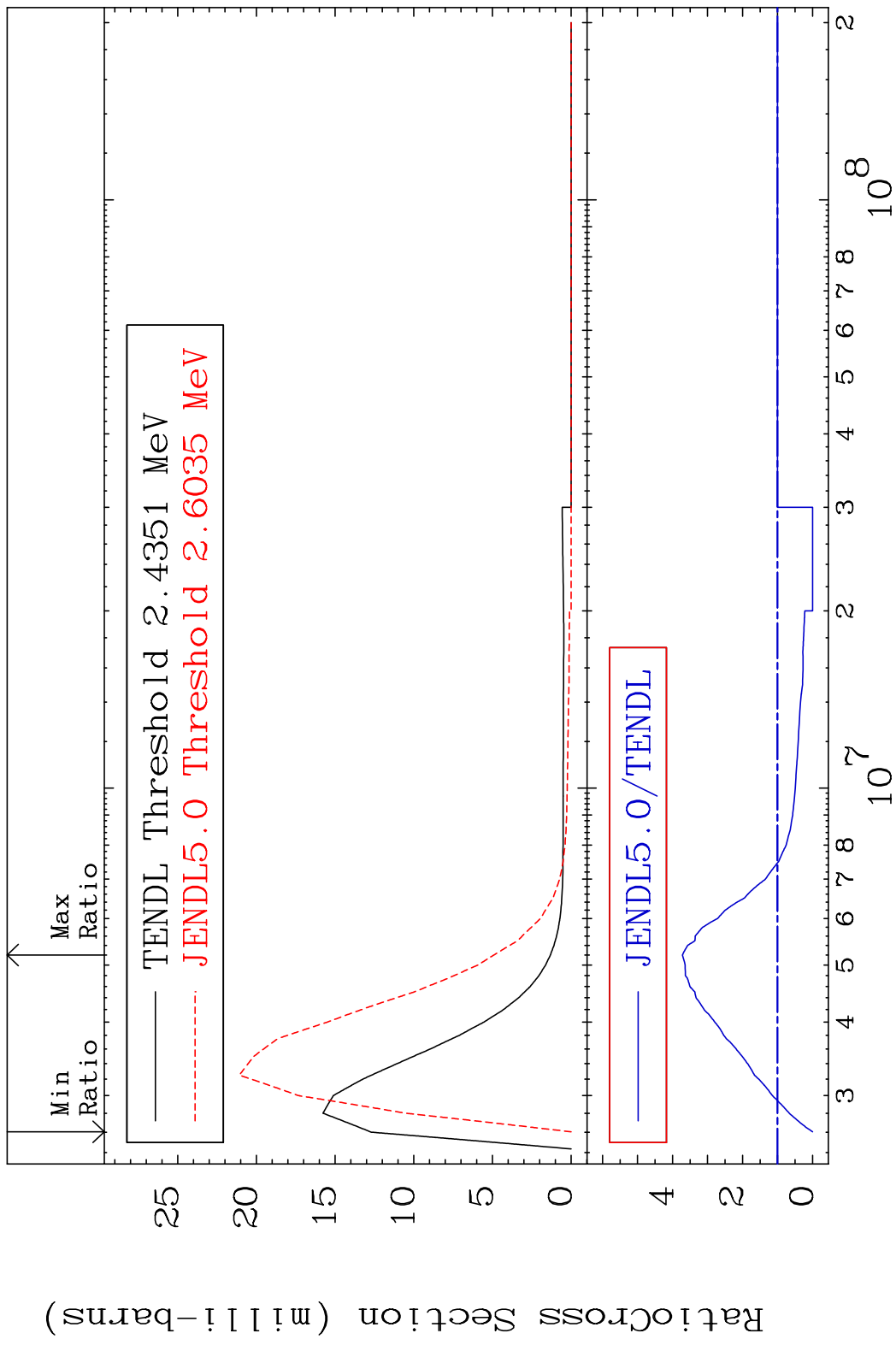


MAT 5437 MT= 76 (n,n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %

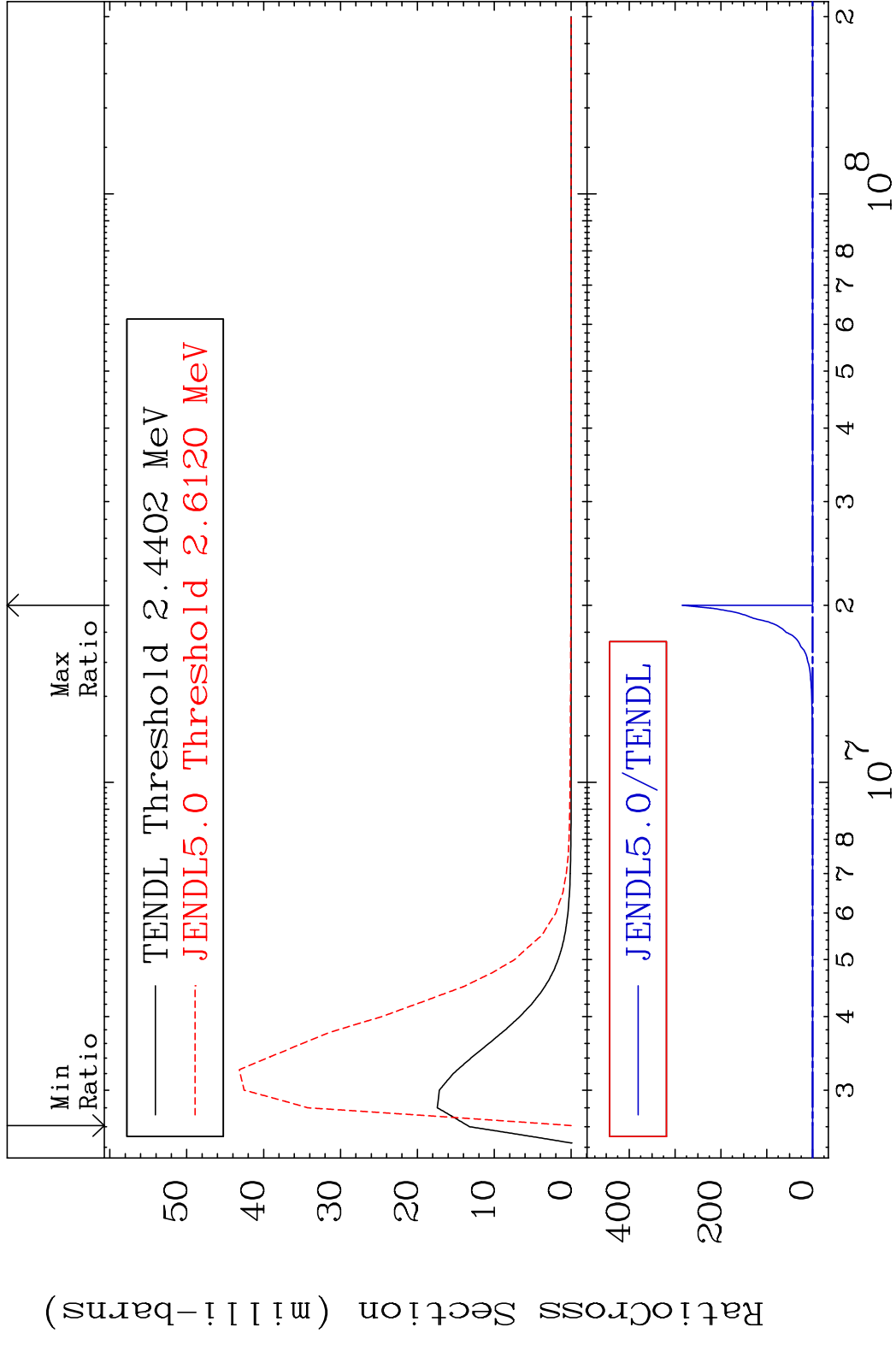


35 Incident Energy (eV) 54-Xe-128

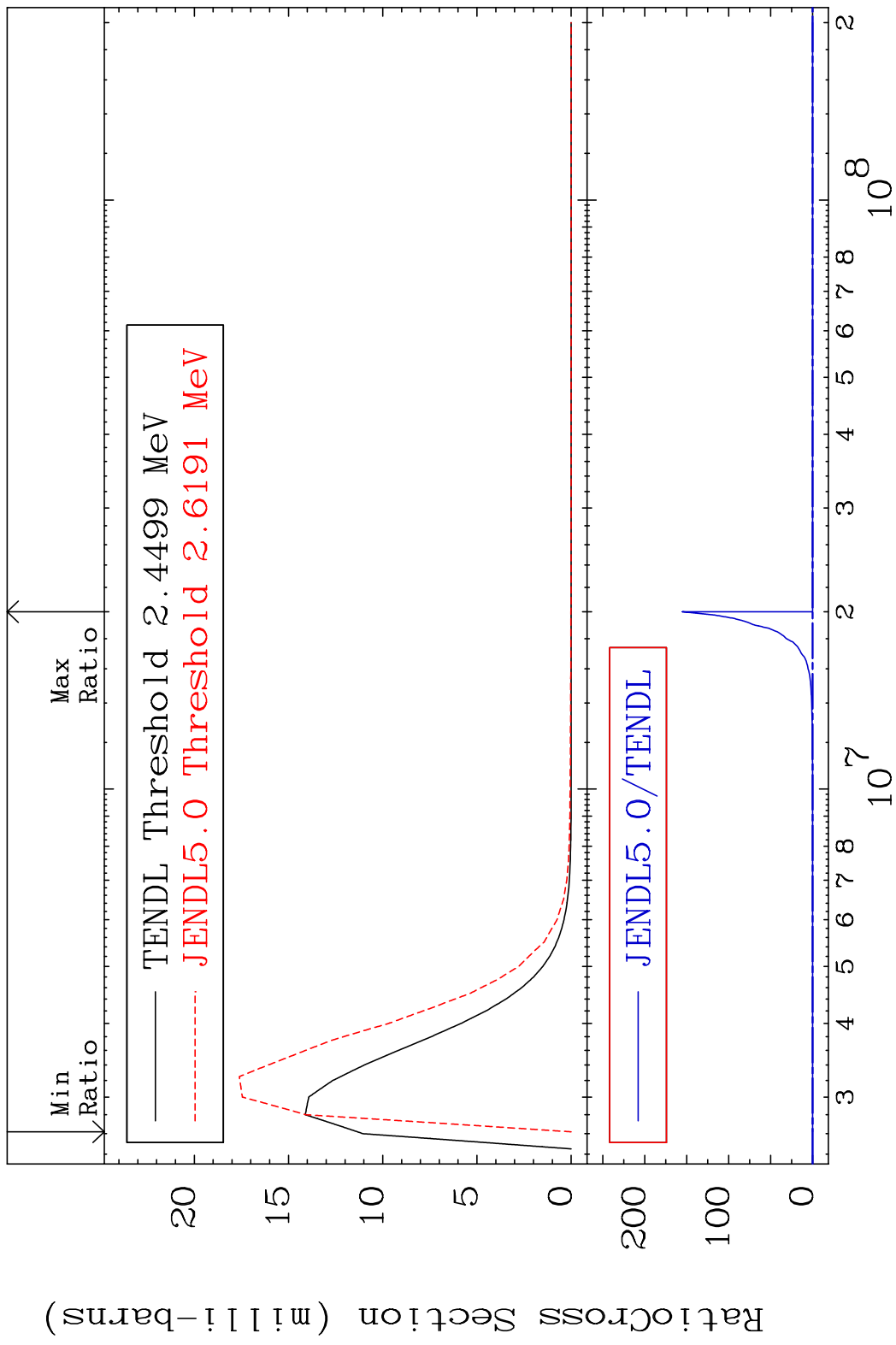
MAT 5437 MT= 77 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 272.0 %



MAT 5437 MT= 78 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 MT= 79 (n, n') Level 54-Xe-128  
 Cross Section -100.0 To 9999. %

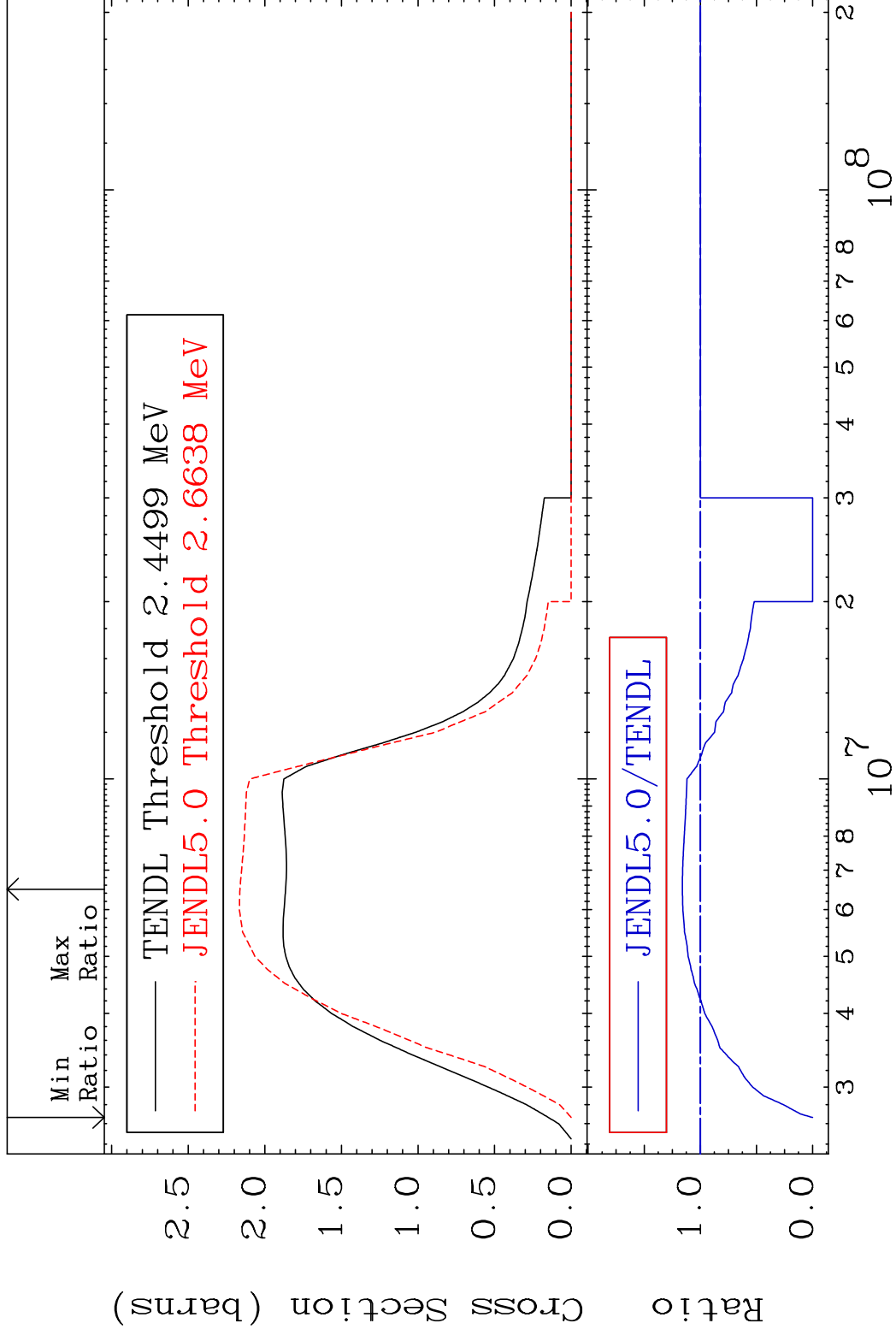


MAT 5437

(n,n') Continuum

54-Xe-128

Cross Section -100.0 To 16.00 %



39

Incident Energy (eV)

54-Xe-128

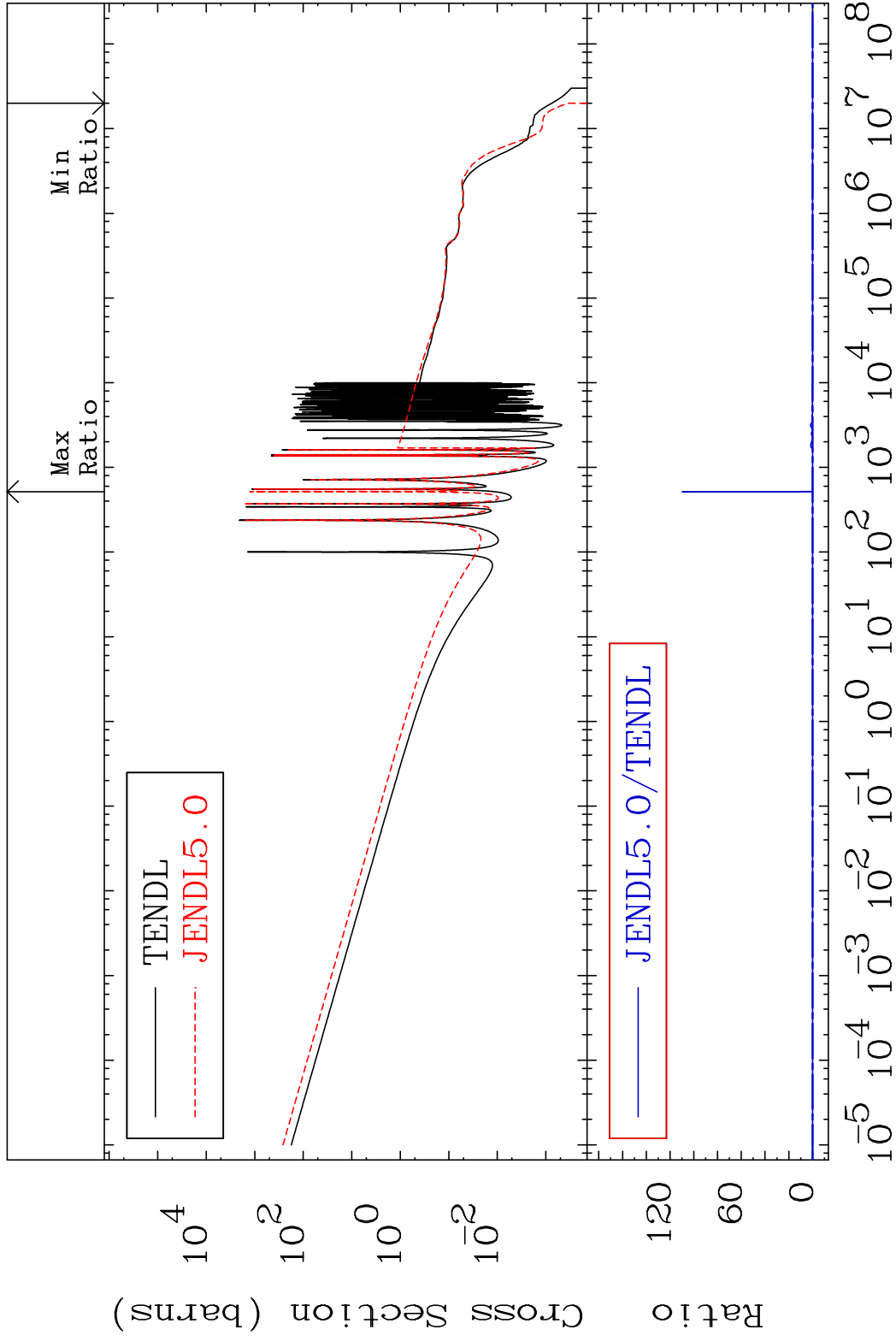


MAT 5437

(n,  $\gamma$ )

54-Xe-128

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

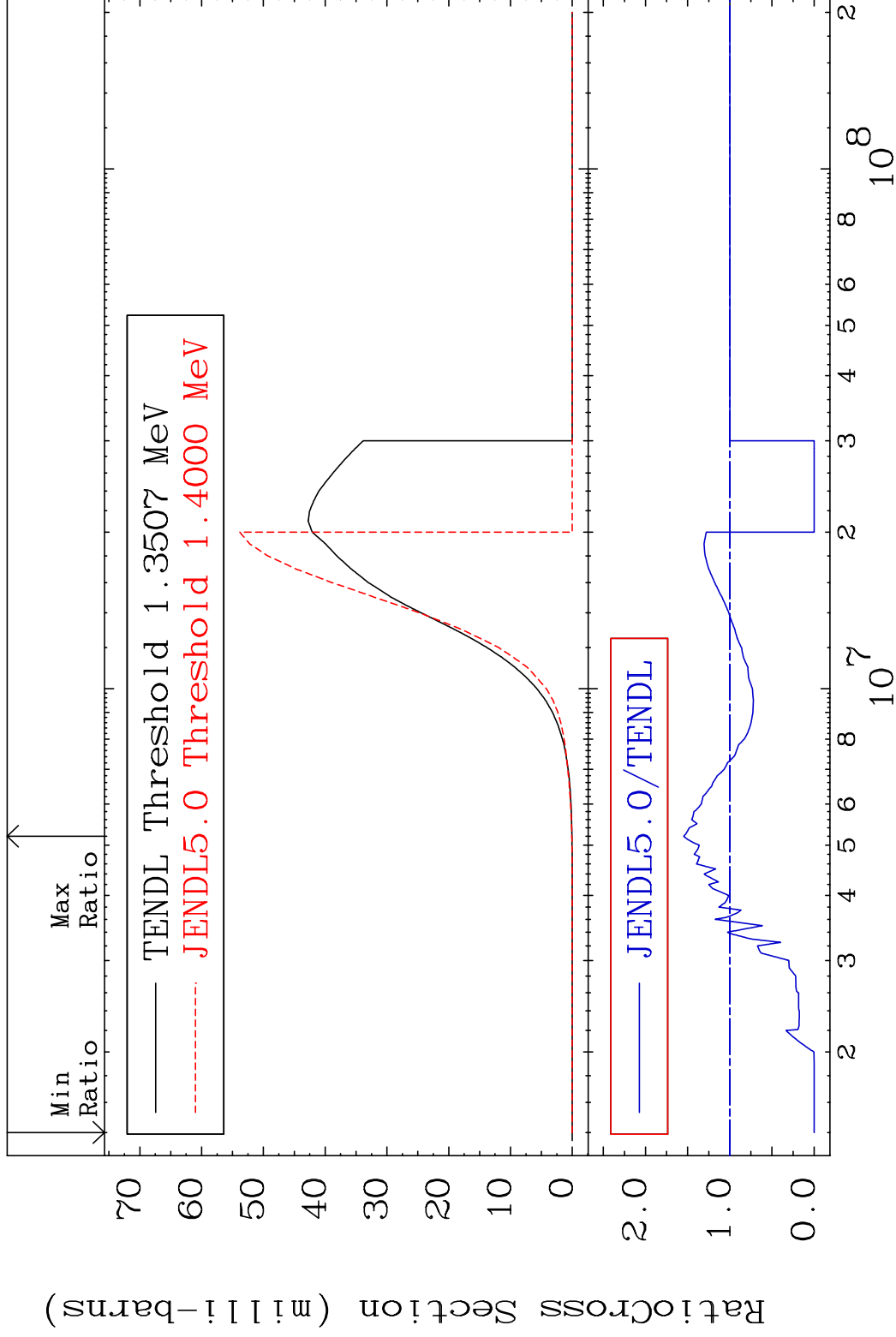
54-Xe-128

MAT 5437

(n, p)

54-Xe-128

Cross Section -100.0 To 54.74 %

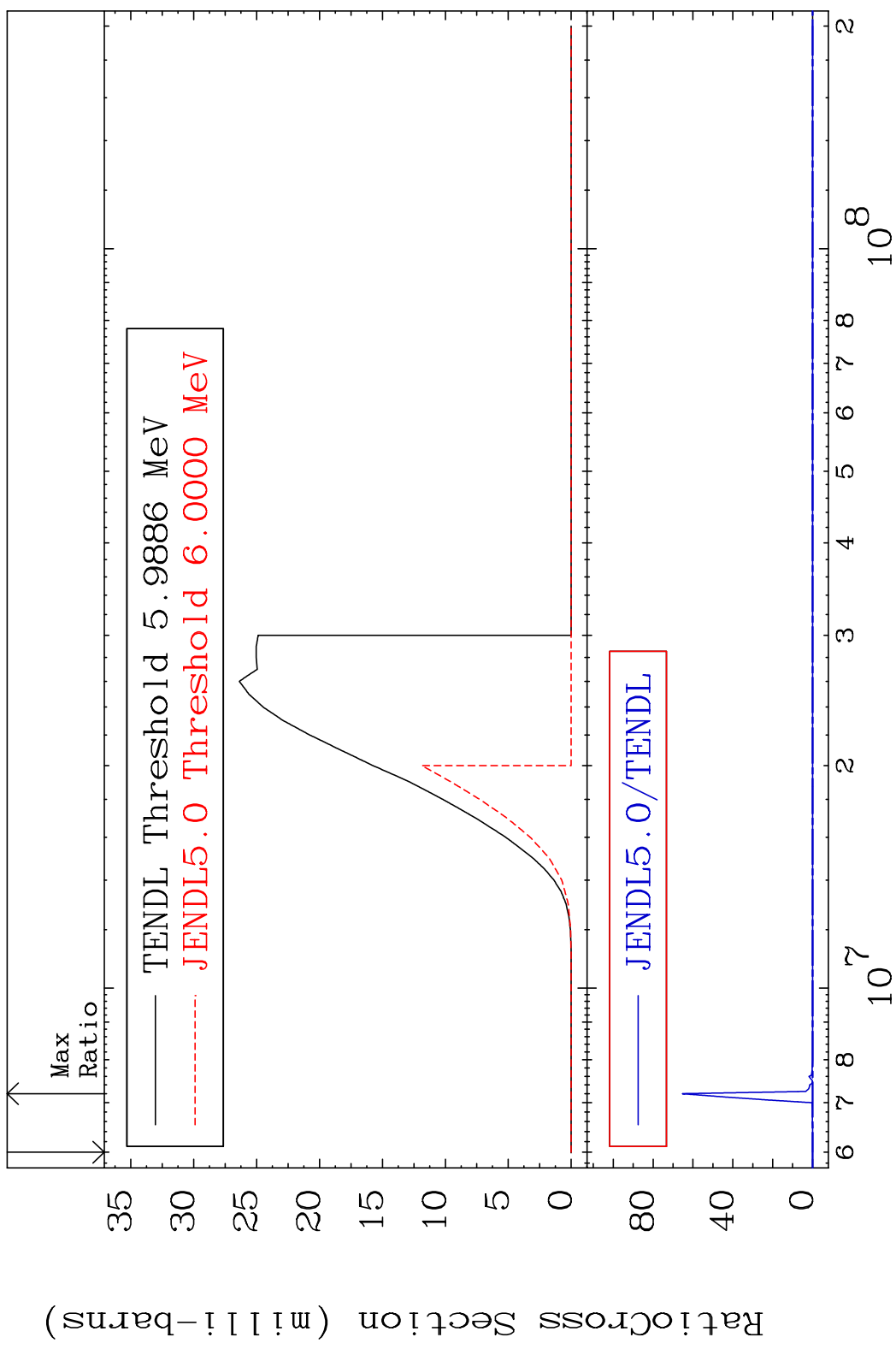


MAT 5437

(n,d)

54-Xe-128

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

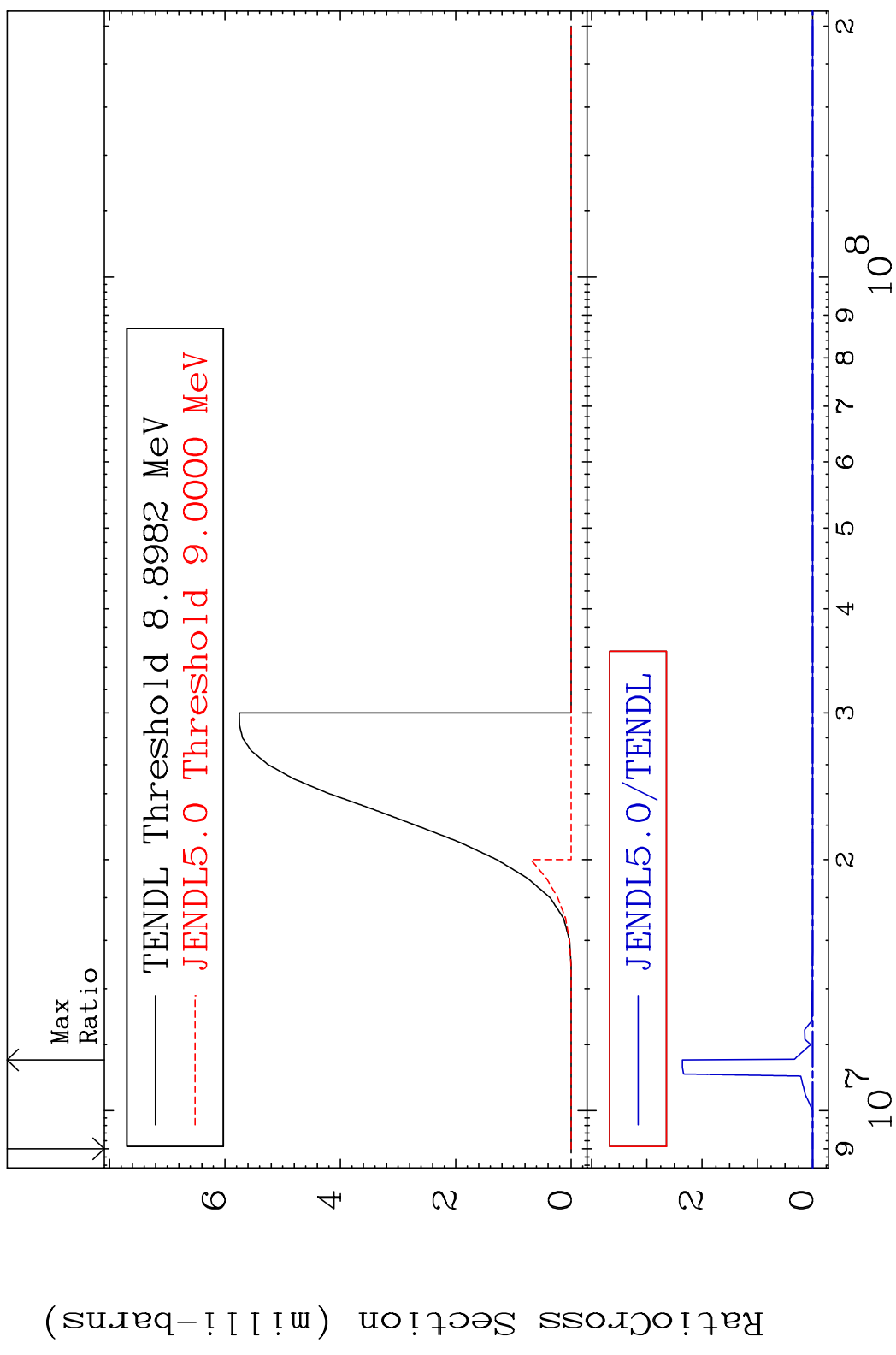
54-Xe-128

MAT 5437

(n, t)

54-Xe-128

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

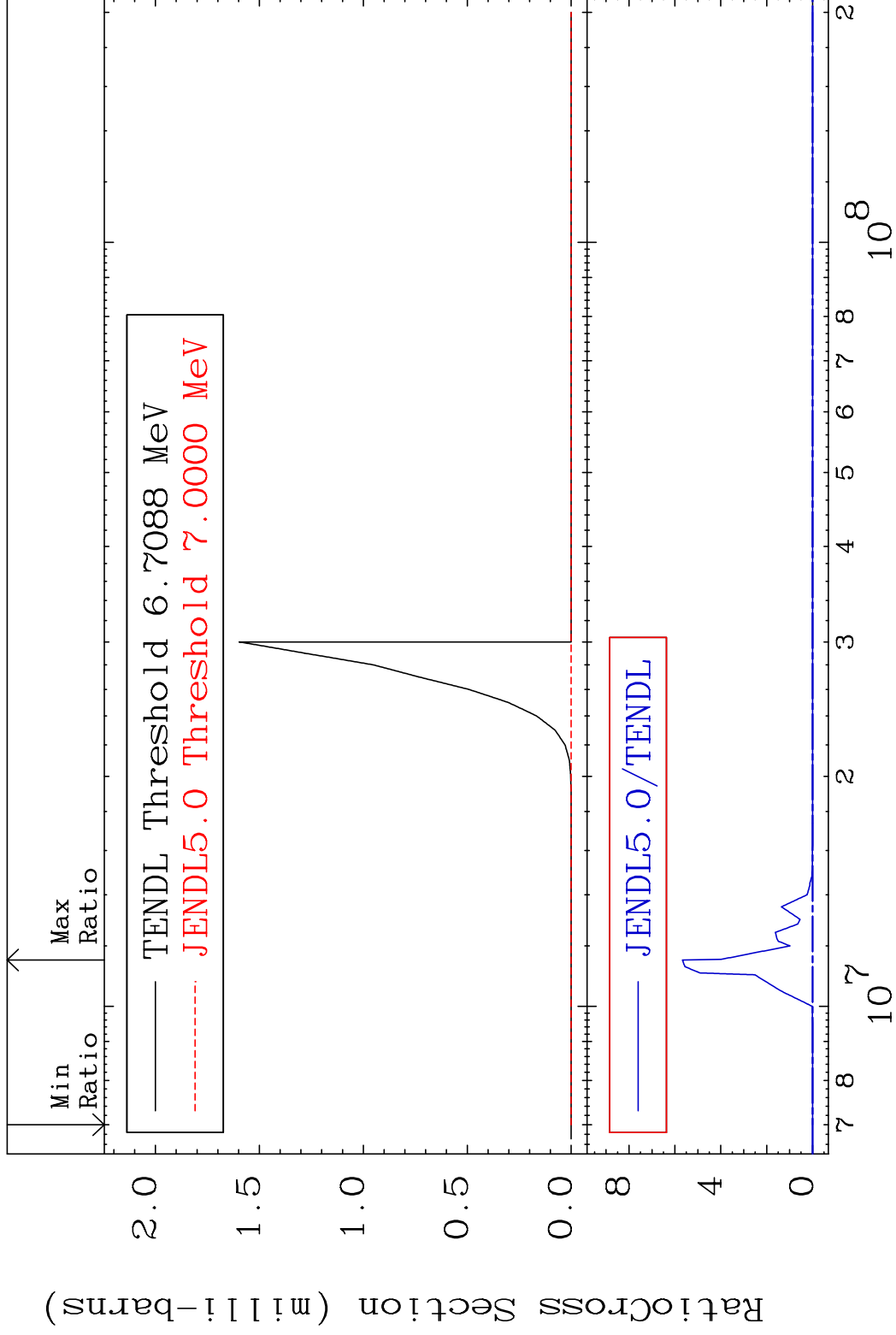
54-Xe-128

MAT 5437

(n, He-3)

54-Xe-128

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

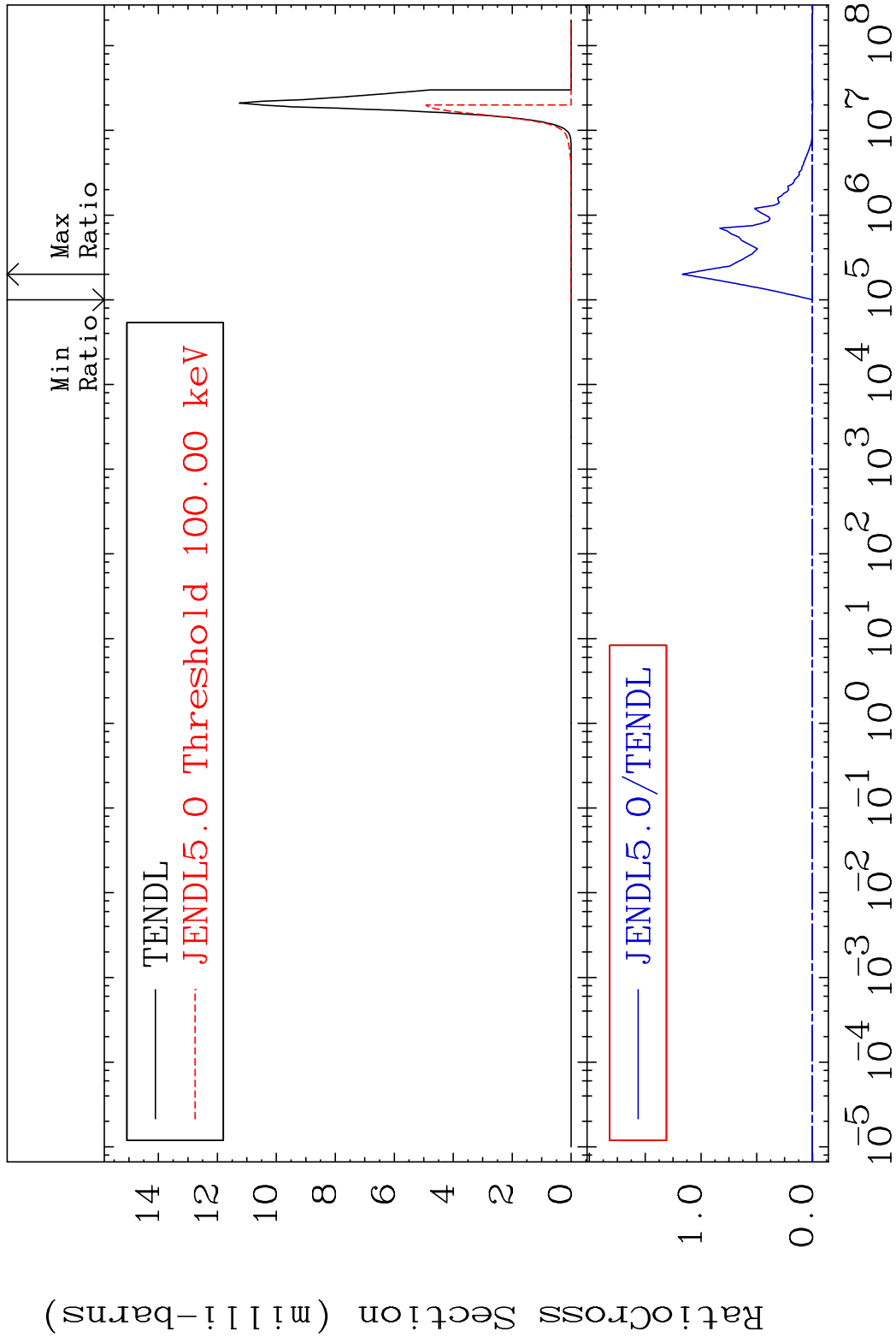
54-Xe-128

MAT 5437

(n,  $\alpha$ )

54-Xe-128

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

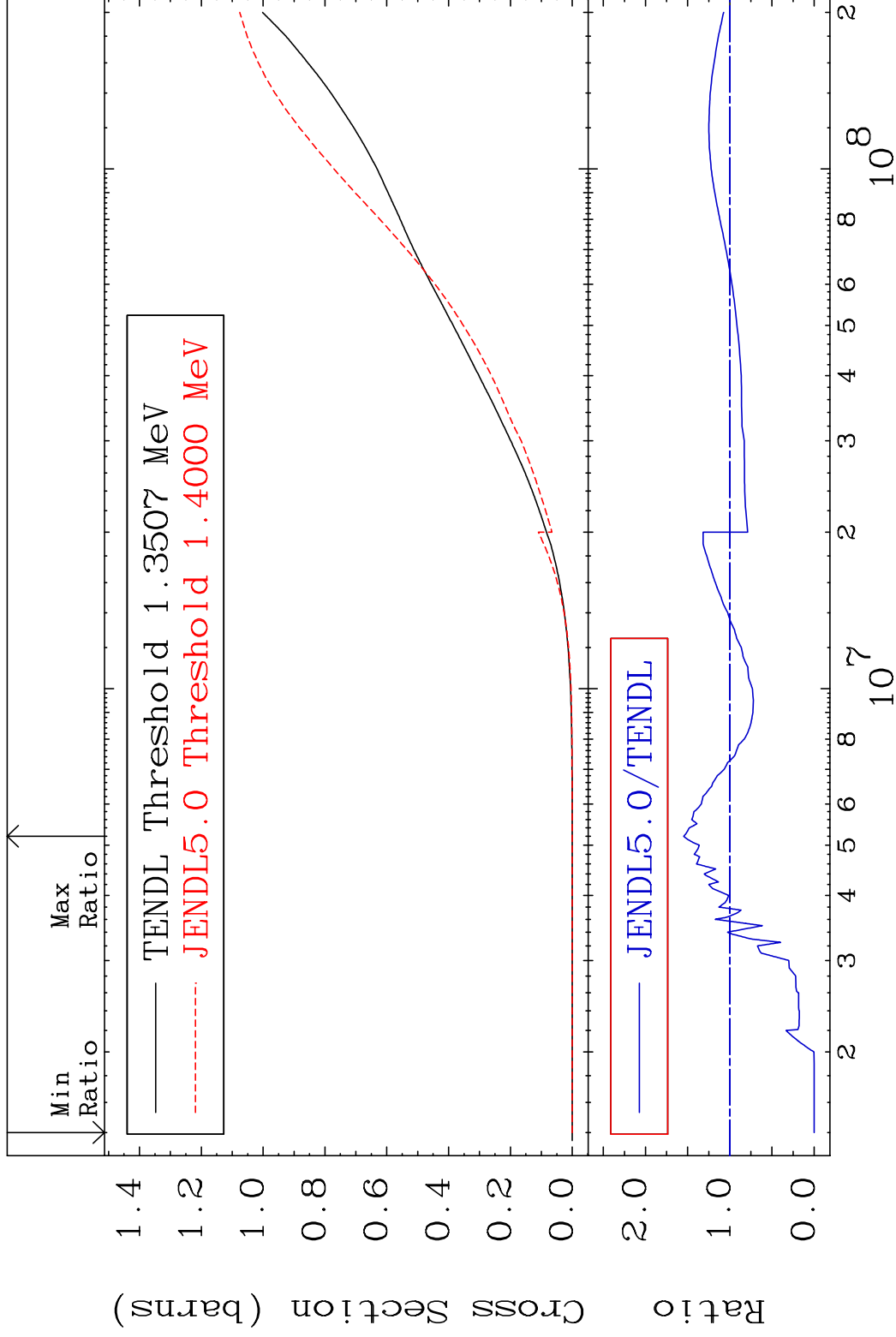
54-Xe-128

MAT 5437

Hydrogen Production

54-Xe-128

Cross Section -100.0 To 54.74 %



46

Incident Energy (eV)

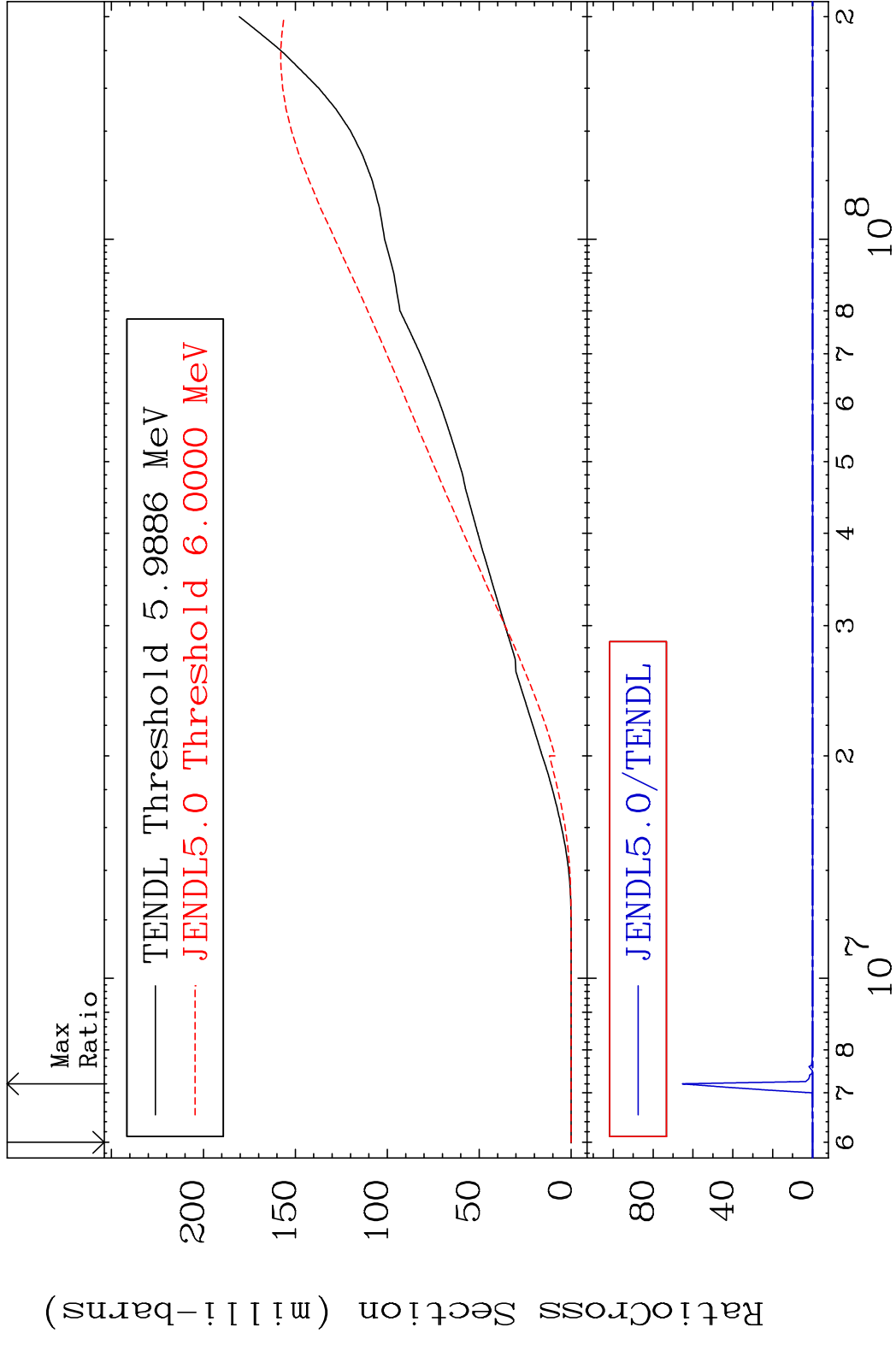
54-Xe-128

MAT 5437

Deuterium Production

54-Xe-128

Cross Section -100.0 To 9999. %



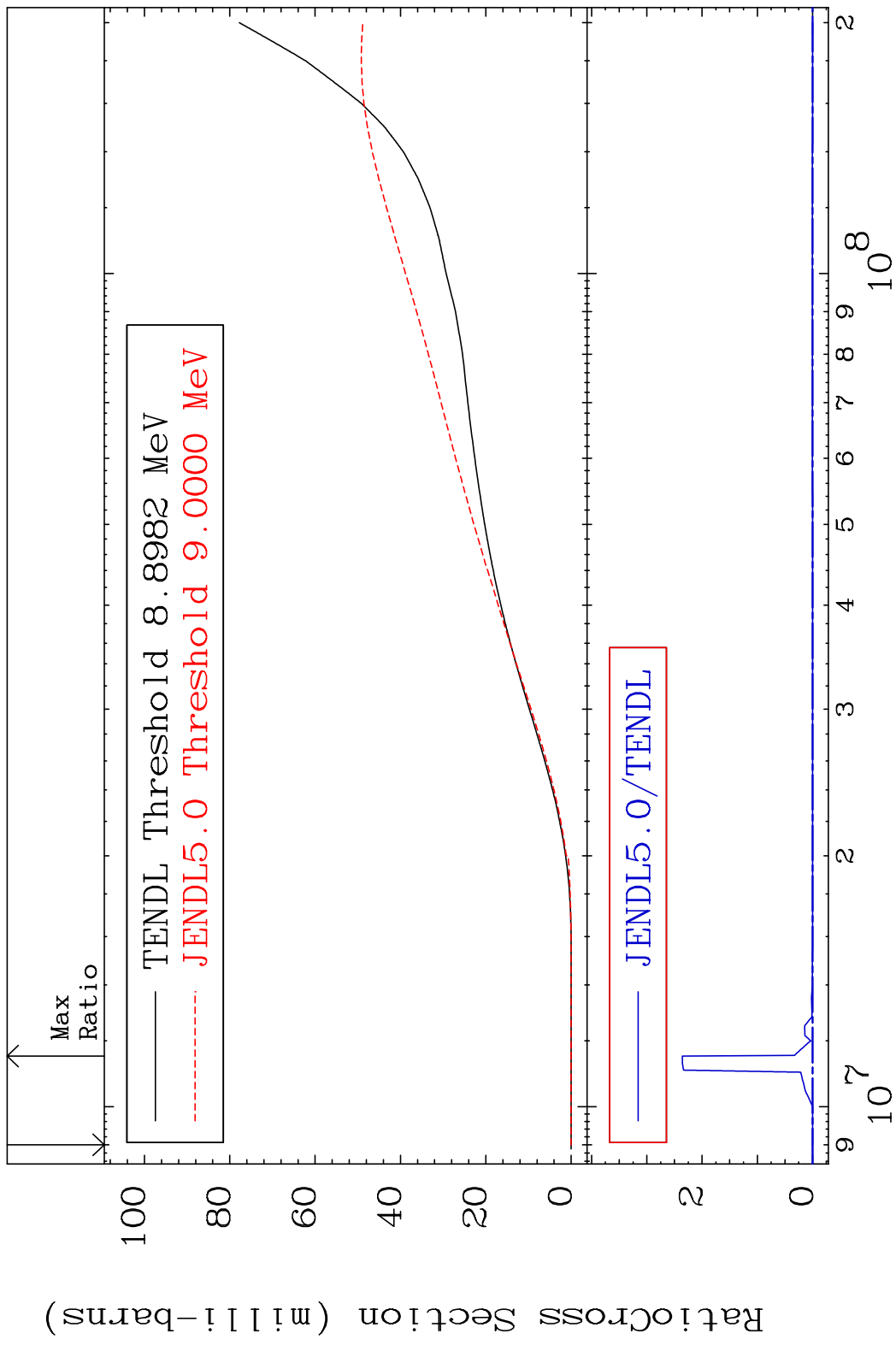
47

Incident Energy (eV)

54-Xe-128



MAT 5437 Tritium Production 54-Xe-128  
Cross Section -100.0 To 9999. %



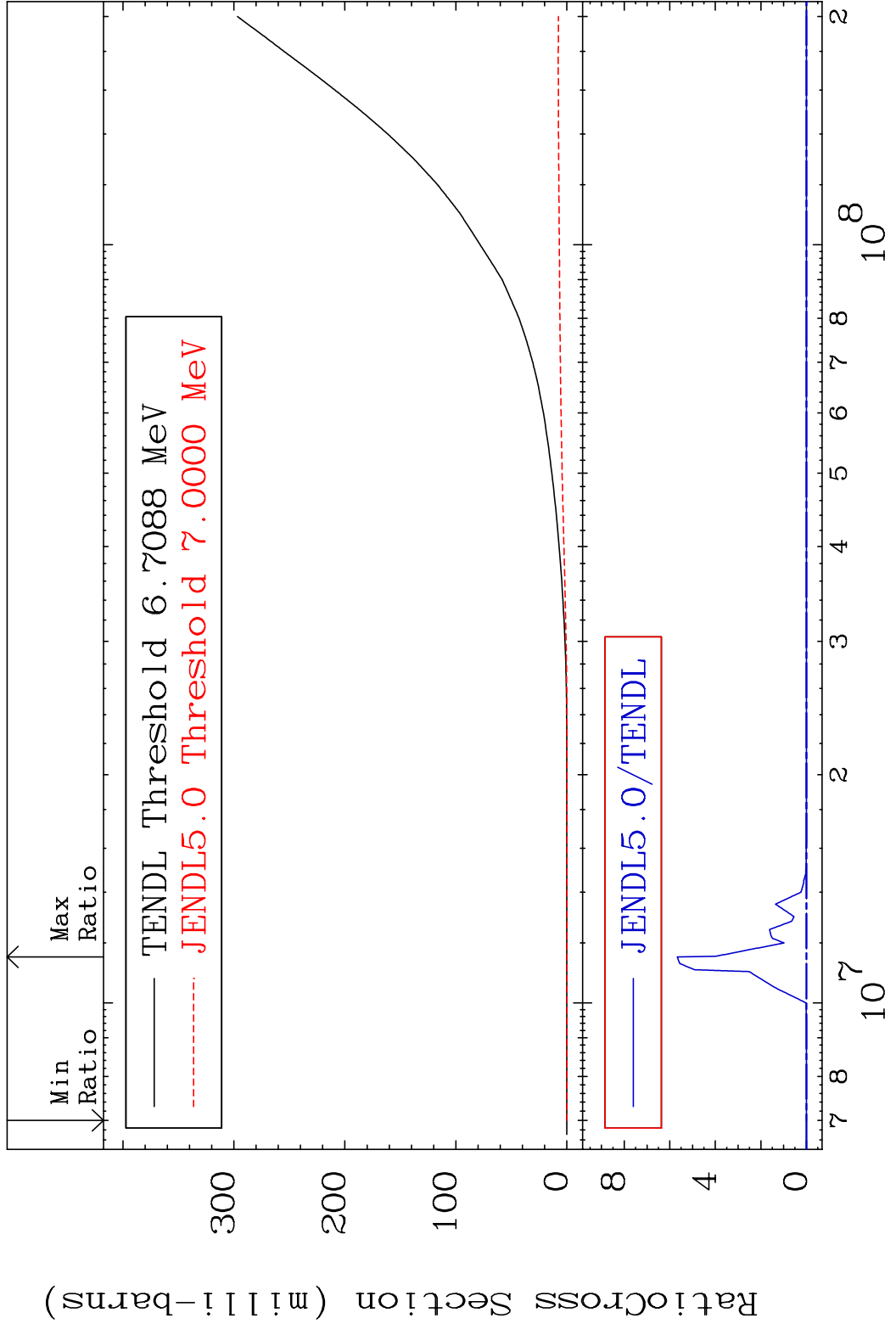
48 54-Xe-128

MAT 5437

He-3 Production

54-Xe-128

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

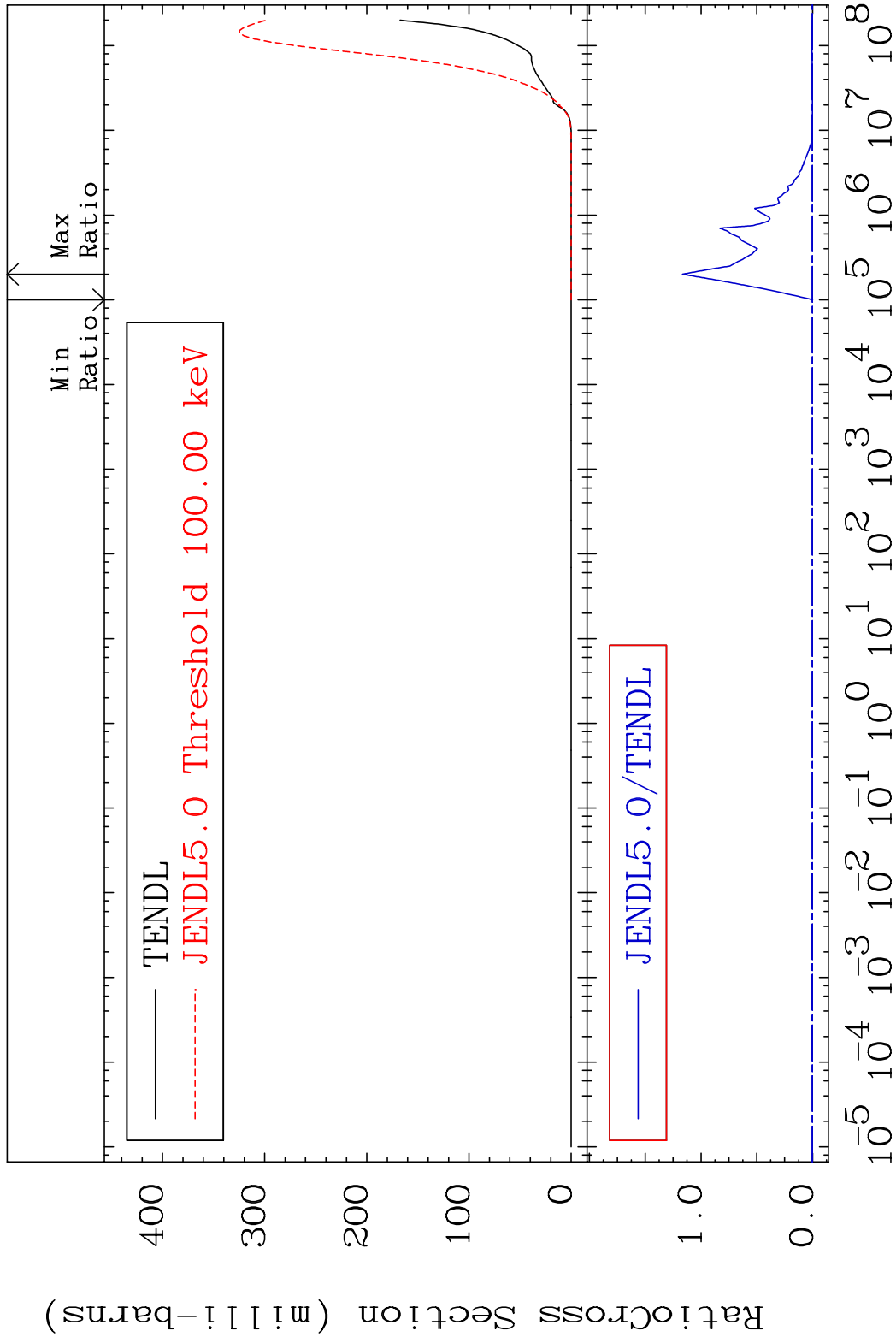
54-Xe-128

MAT 5437

He-4 Production

54-Xe-128

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

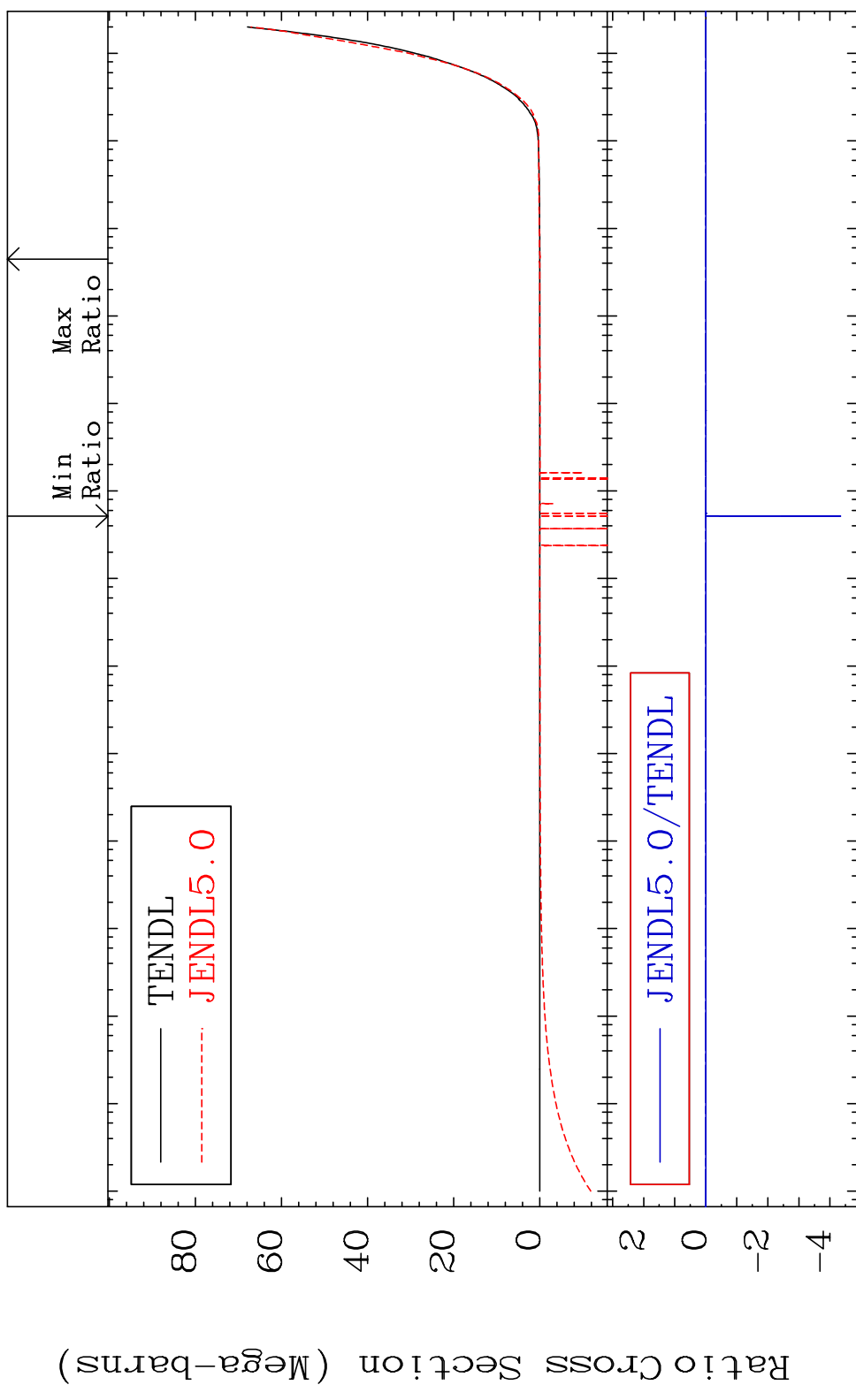
54-Xe-128

MAT 5437

Kerma total (eV-barns)

54-Xe-128

Cross Section -9999. To 1469. %



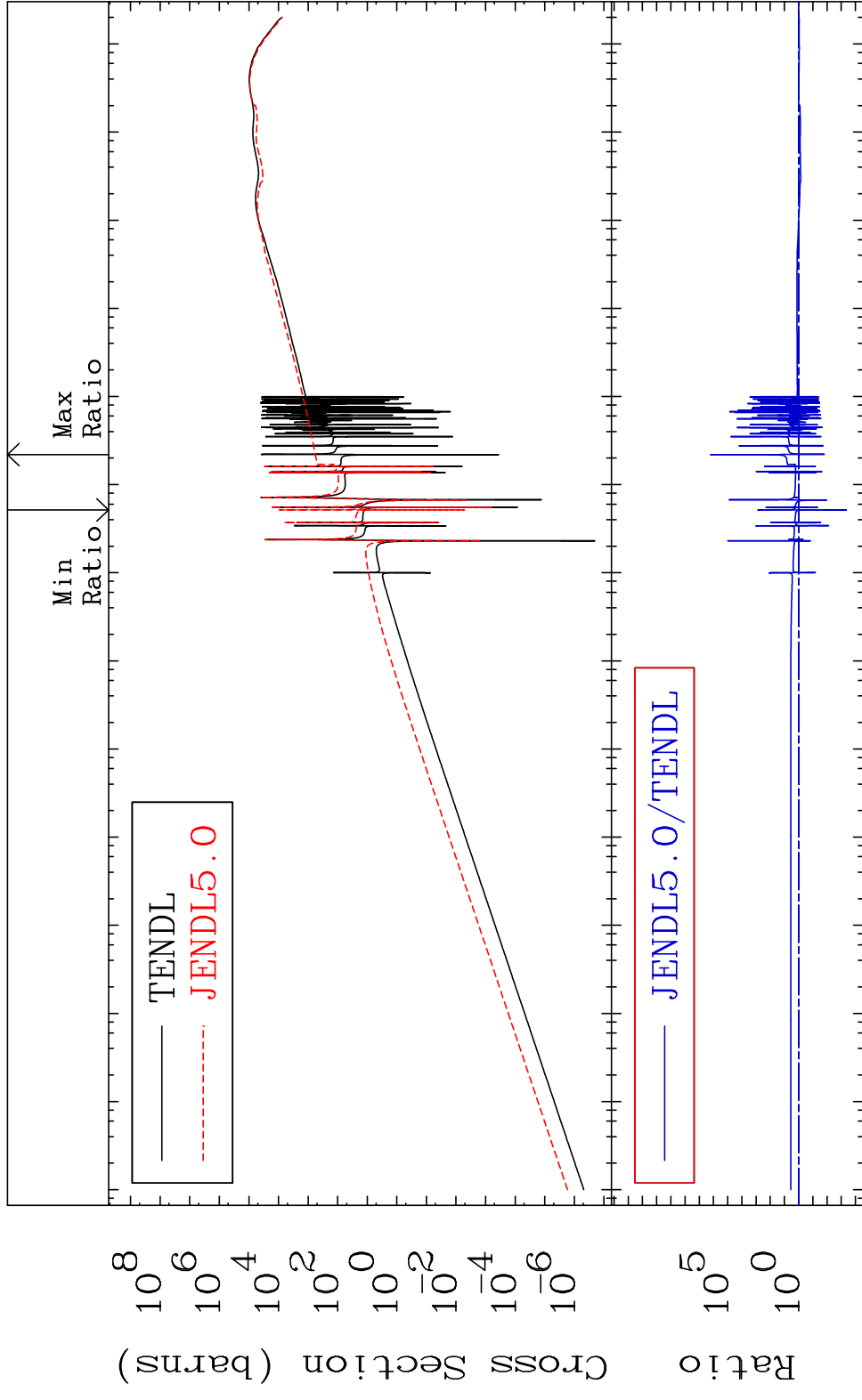
MAT 5437

Kerma elastic

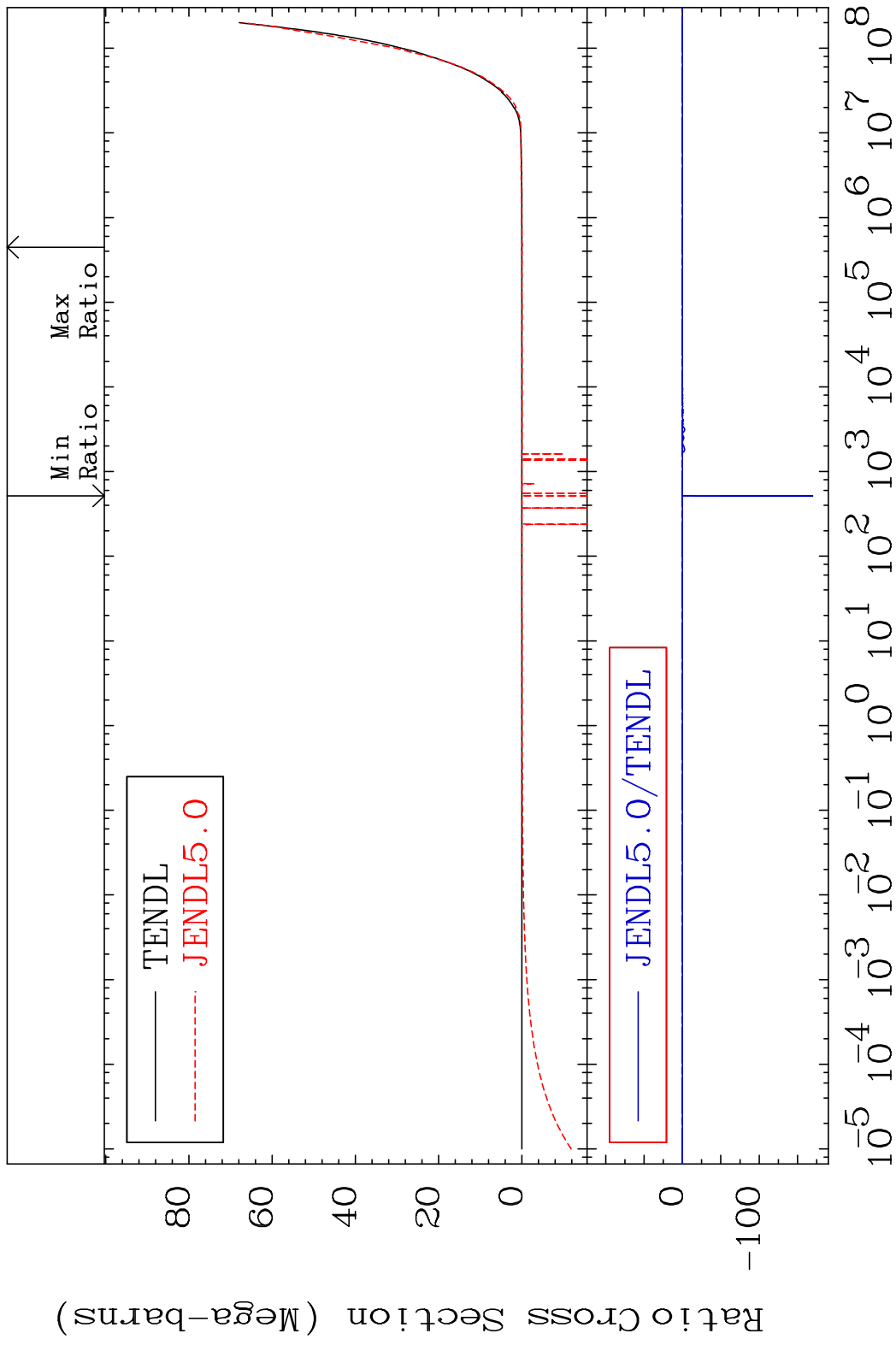
54-Xe-128

Cross Section

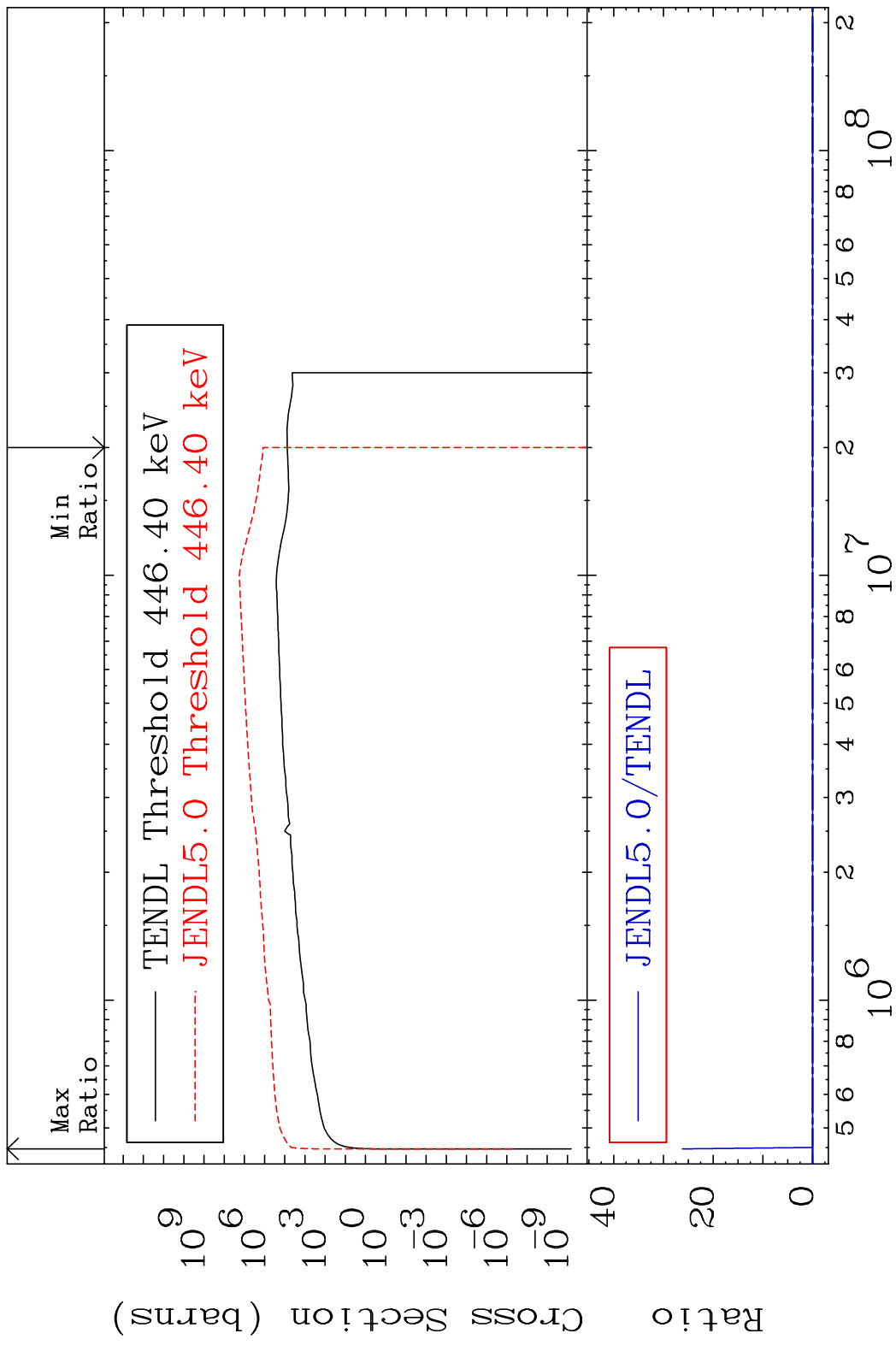
-99.96 To 9999. %



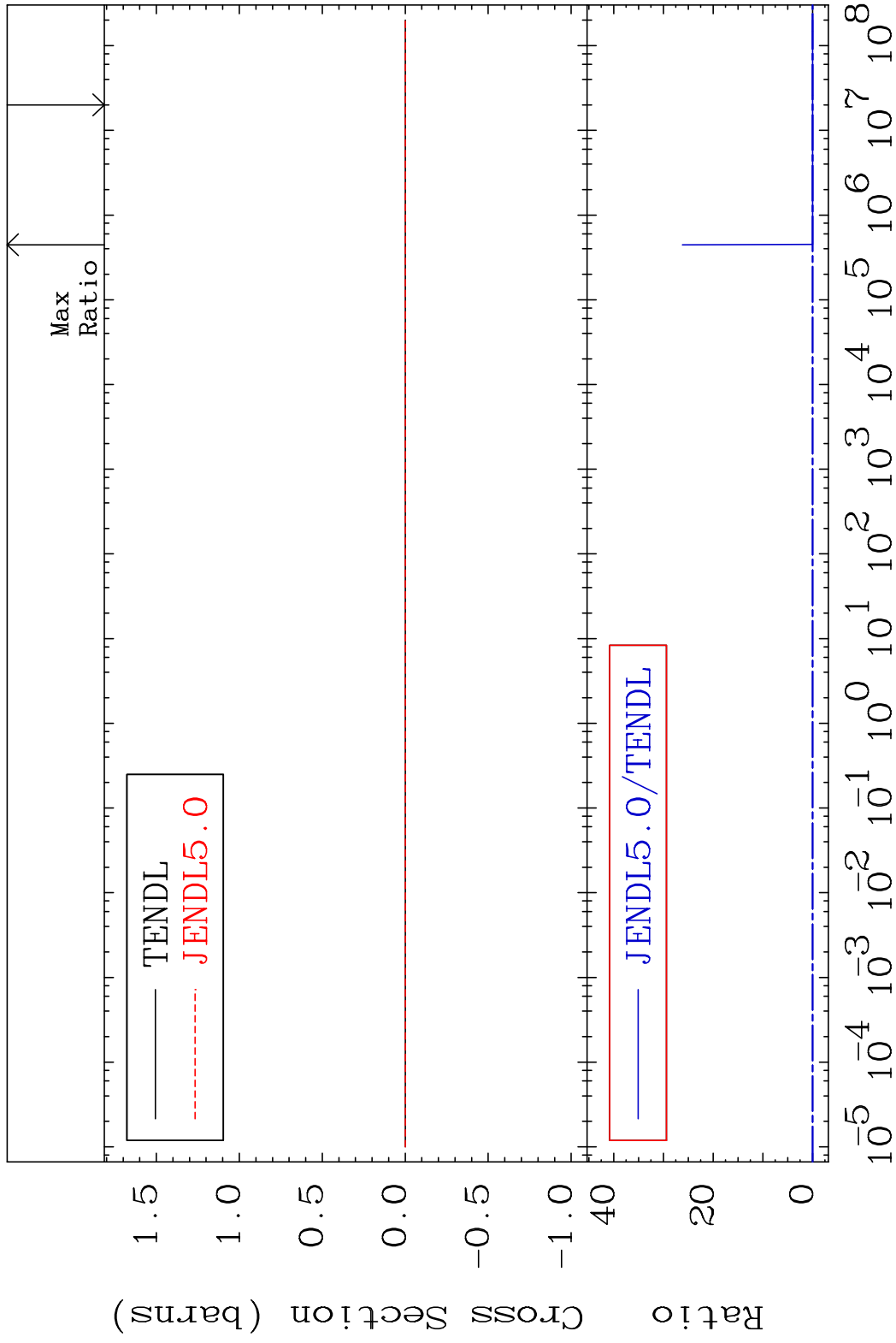
MAT 5437 Kerma non-elastic (all but mt2) 54-Xe-128  
 Cross Section -9999. To 9999. %



MAT 5437 Kerma inelastic (mt51-91) 54-Xe-128  
 Cross Section -100.0 To 9999. %



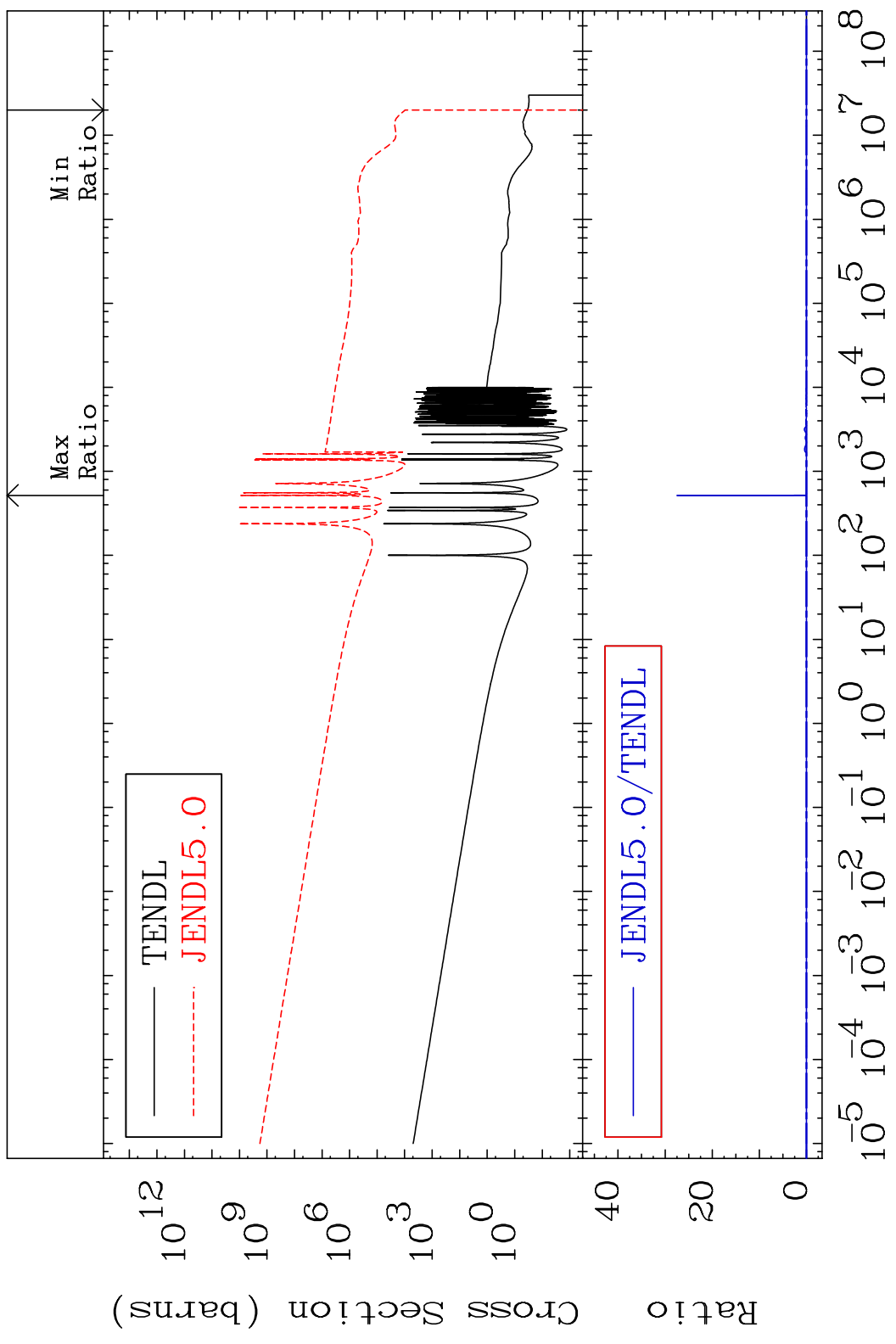
MAT 5437 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-128  
 Cross Section -100.0 To 9999. %





MAT 5437

Kerma capture (mt102) 54-Xe-128  
Cross Section -100.0 To 9999. %



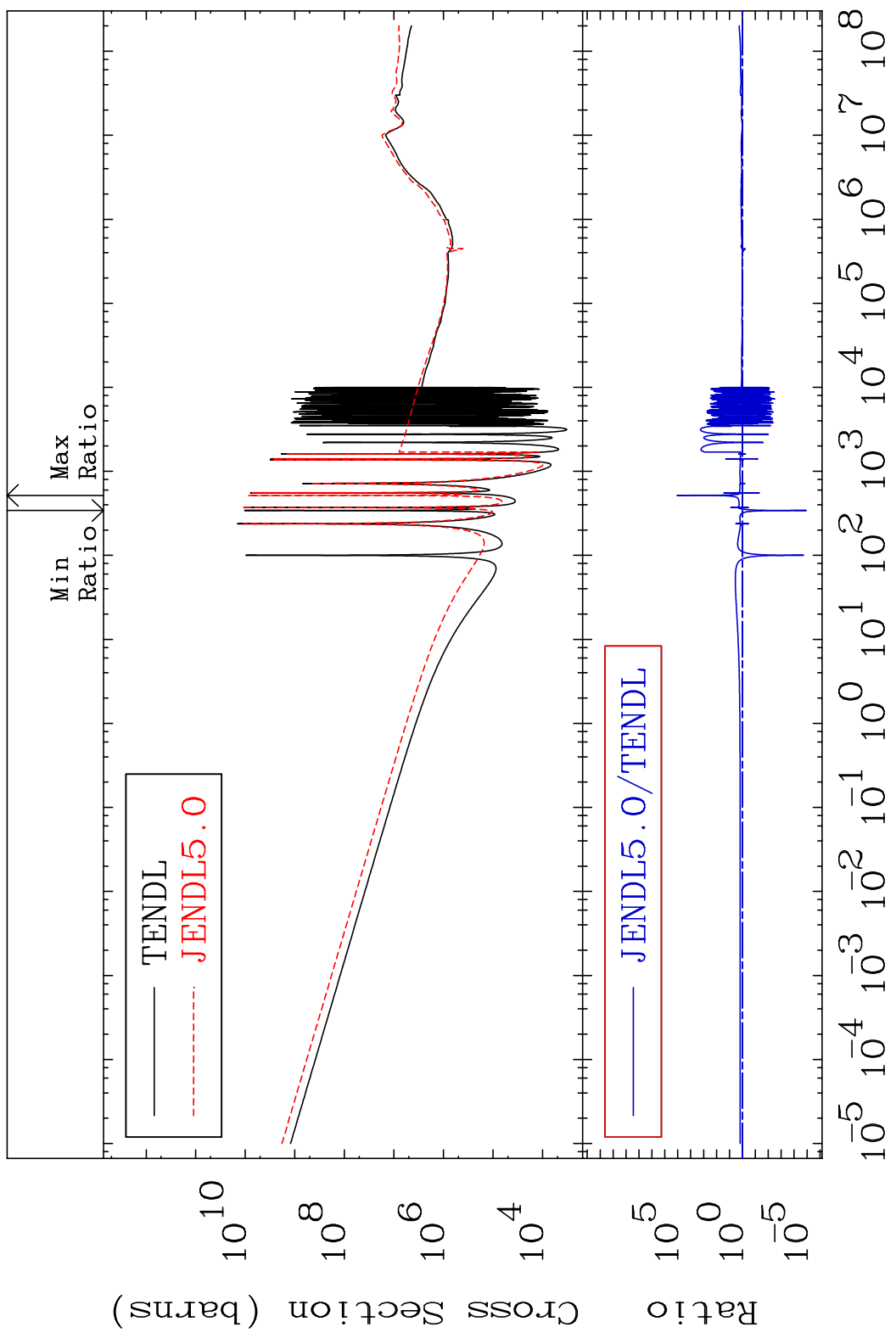
56

Incident Energy (eV)

54-Xe-128

MAT 5437

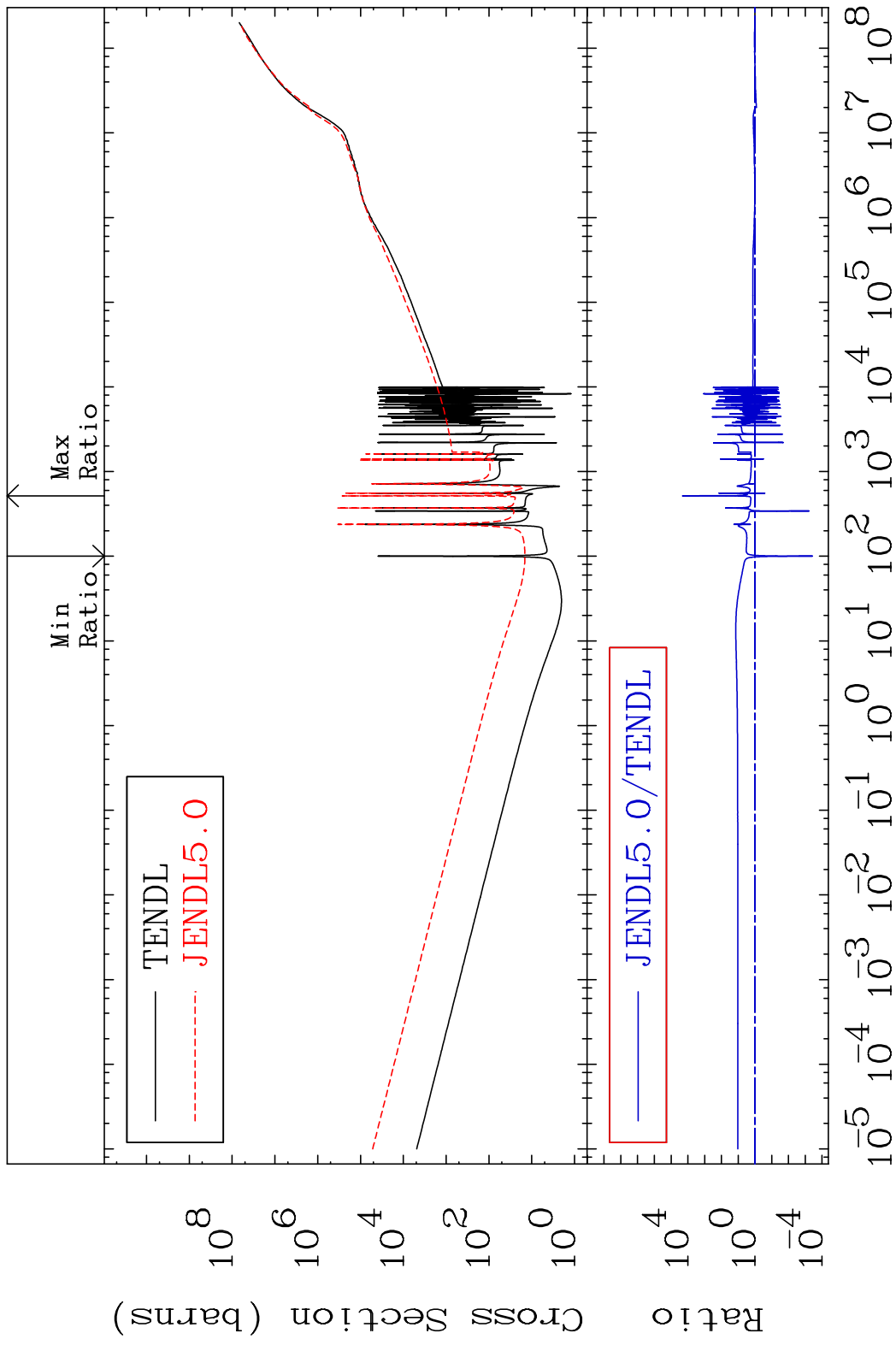
Total photon (eV-barns) 54-Xe-128  
Cross Section -100.0 To 9999. %



57

Incident Energy (eV) 54-Xe-128

MAT 5437 Total kinematic kerma (high limit) 54-Xe-128  
 Cross Section -99.96 To 9999. %

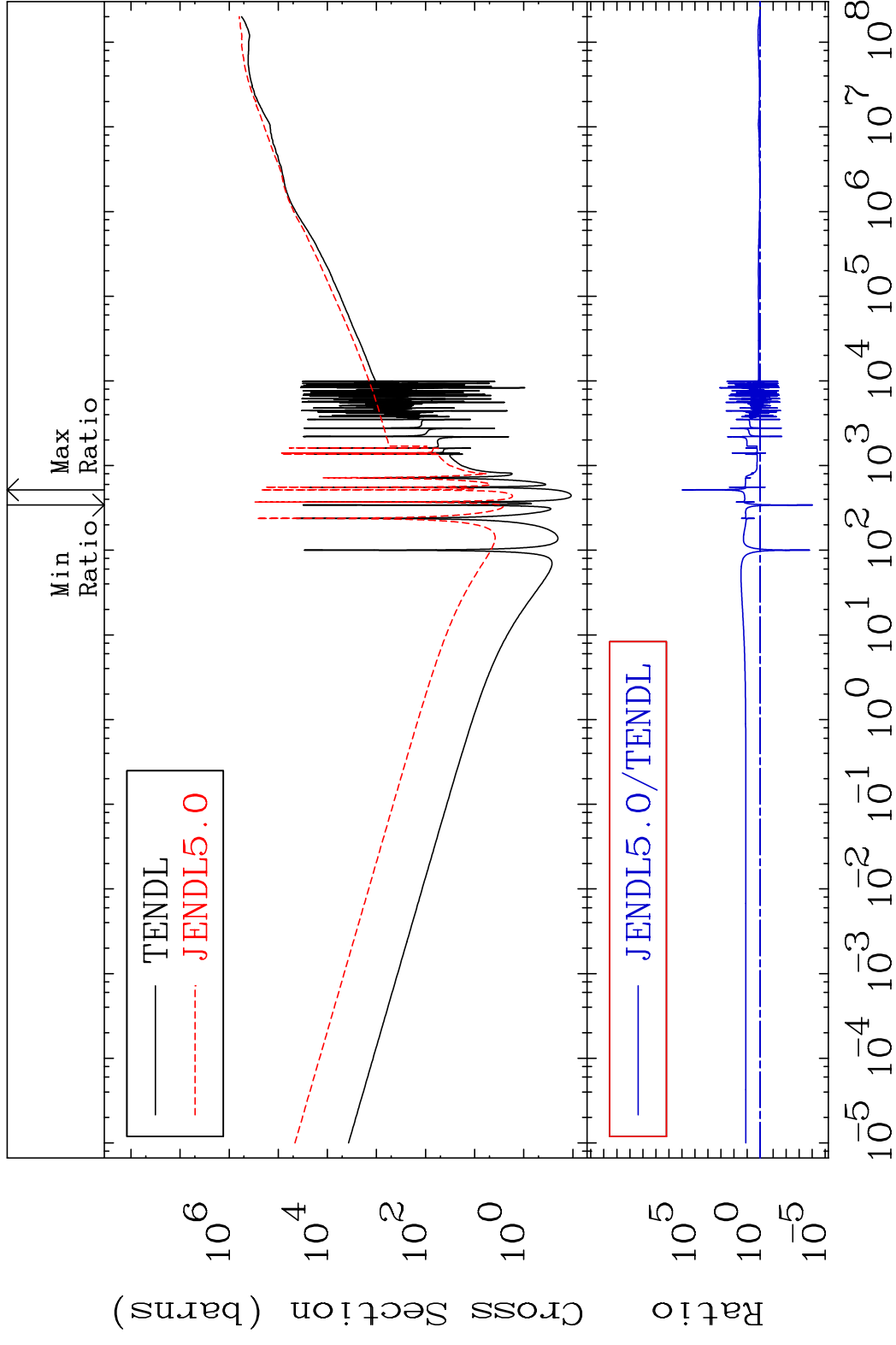


MAT 5437

Dpa total (eV-barns)

54-Xe-128

Cross Section -99.99 To 9999. %



59

Incident Energy (eV)

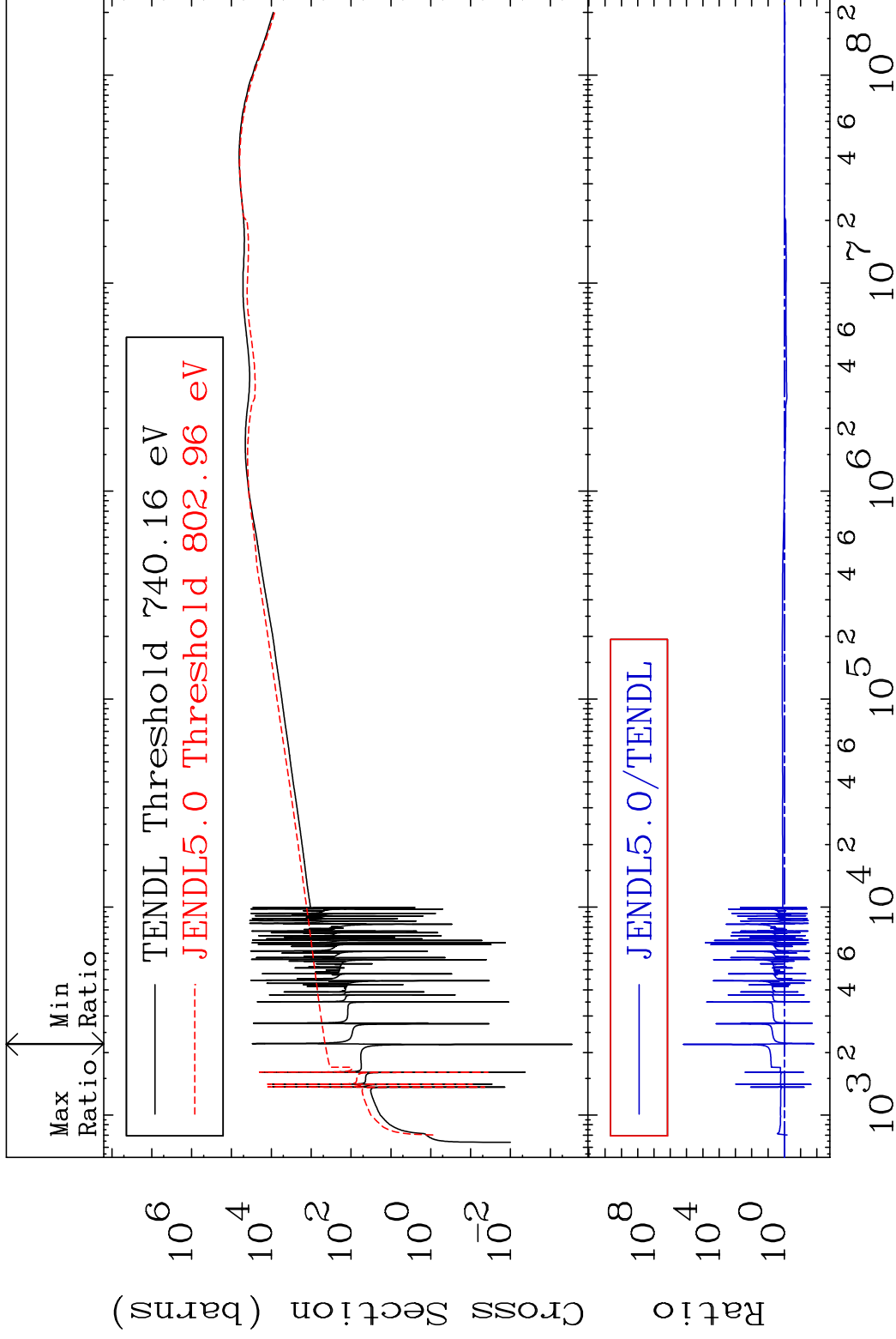
54-Xe-128

MAT 5437

Dpa elastic (mt2)

54-Xe-128

Cross Section -98.51 To 9999. %

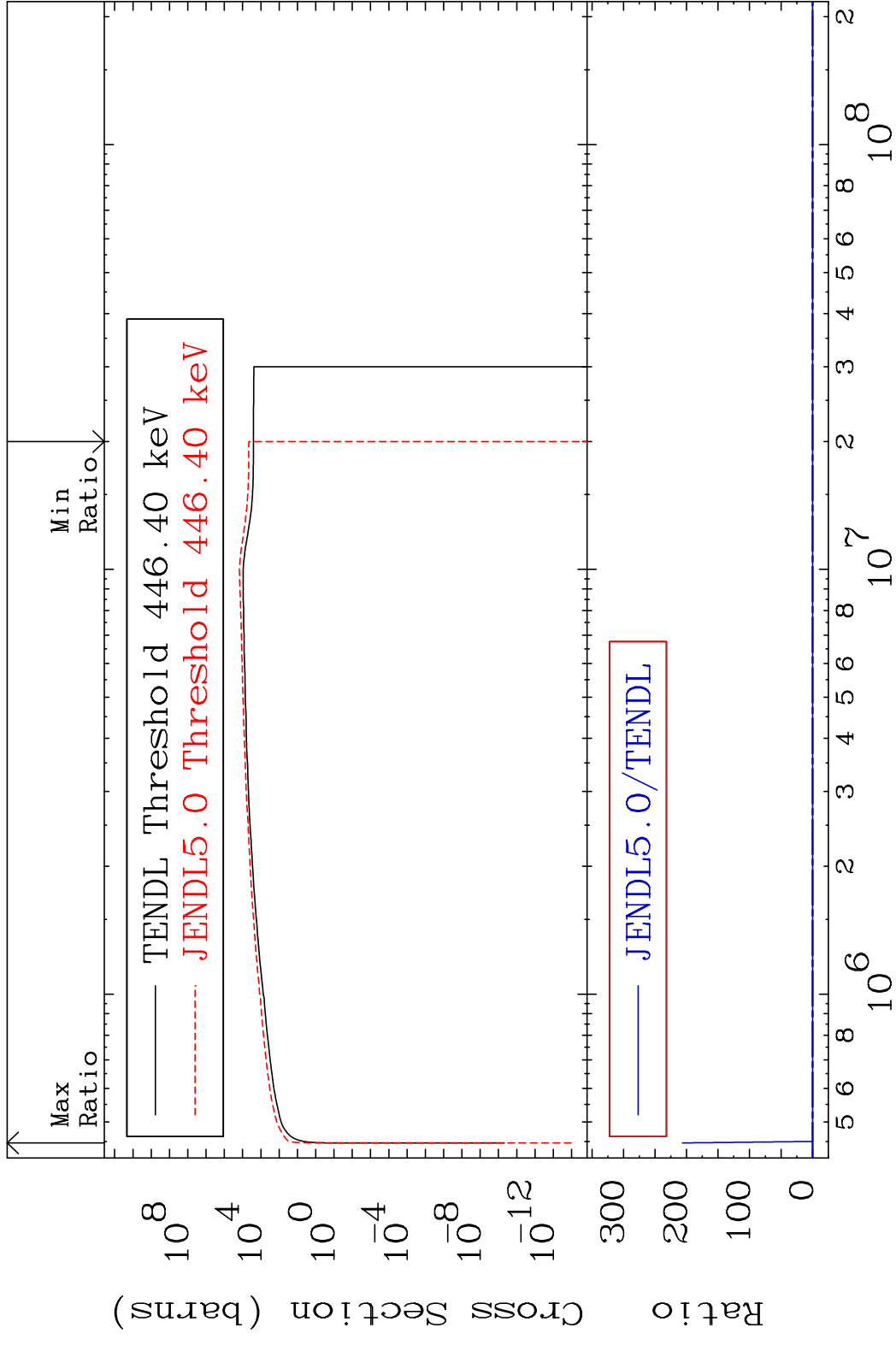


60

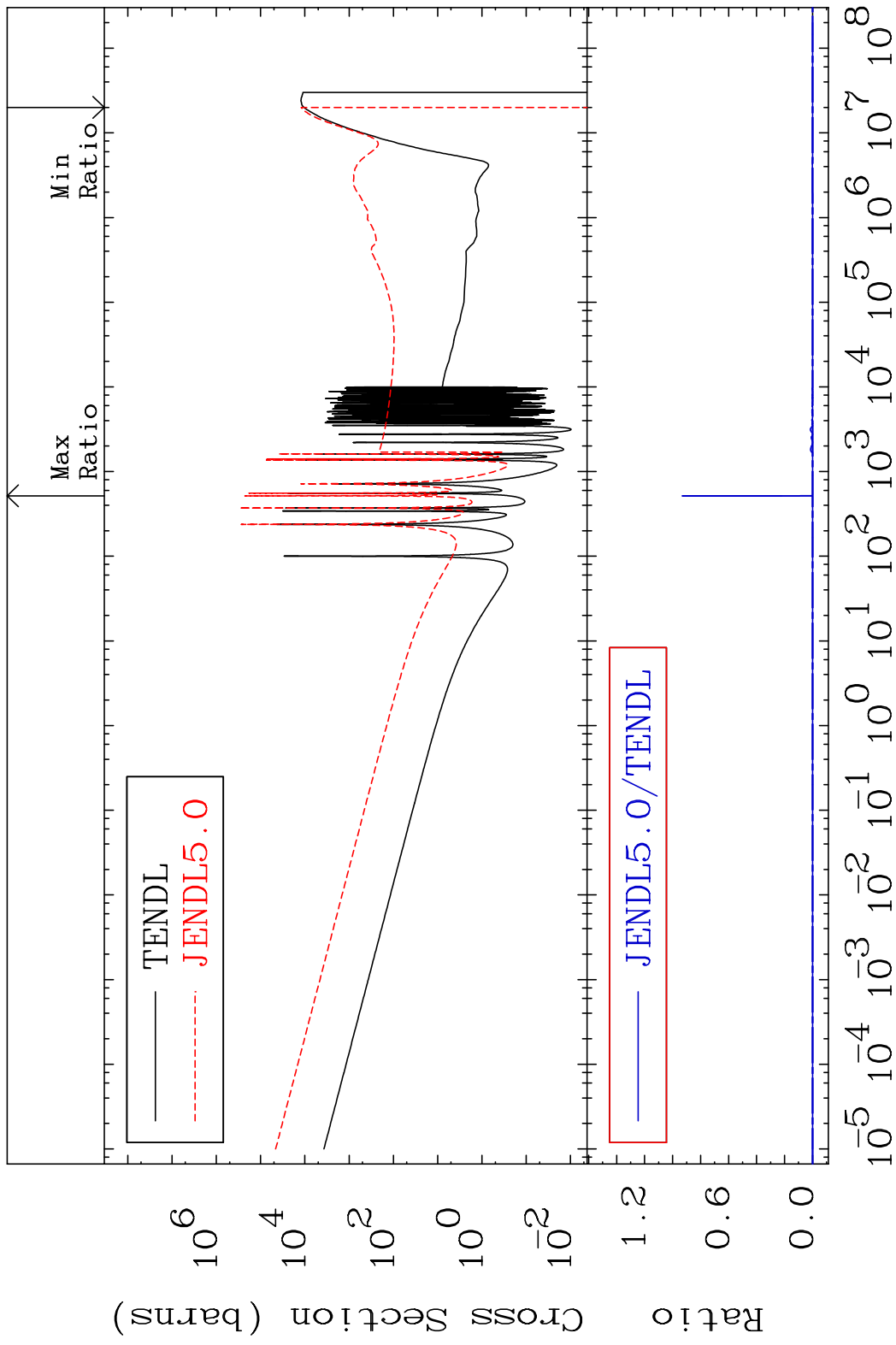
Incident Energy (eV)

54-Xe-128

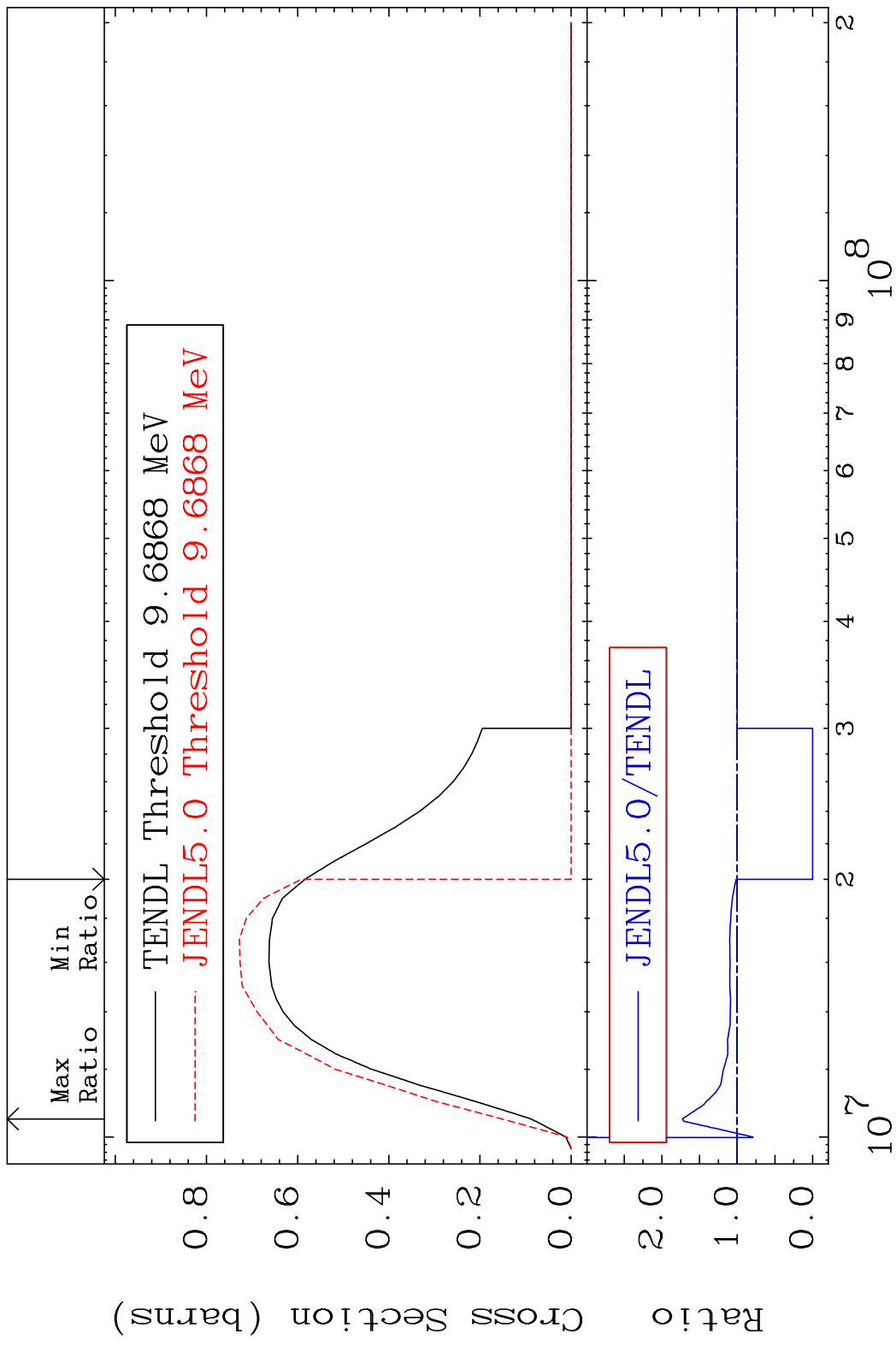
MAT 5437 Dpa inelastic (mt51-91) 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 Dpa disappearance (mt102 -120) 54-Xe-128  
 Cross Section -100.0 To 9999. %



MAT 5437 (n,2n):54-Xe-127g 54-Xe-128  
 Radionuclide Production Cross Section 180.01 dth 72.80 %



63 Incident Energy (eV) 54-Xe-128



MAT 5437 (n,2n):54-Xe-127m2 54-Xe-128  
 Radionuclide Production Cross Section 1800.0 dth 2660. %

