

Program Complot  
(Version 2021-1)

by

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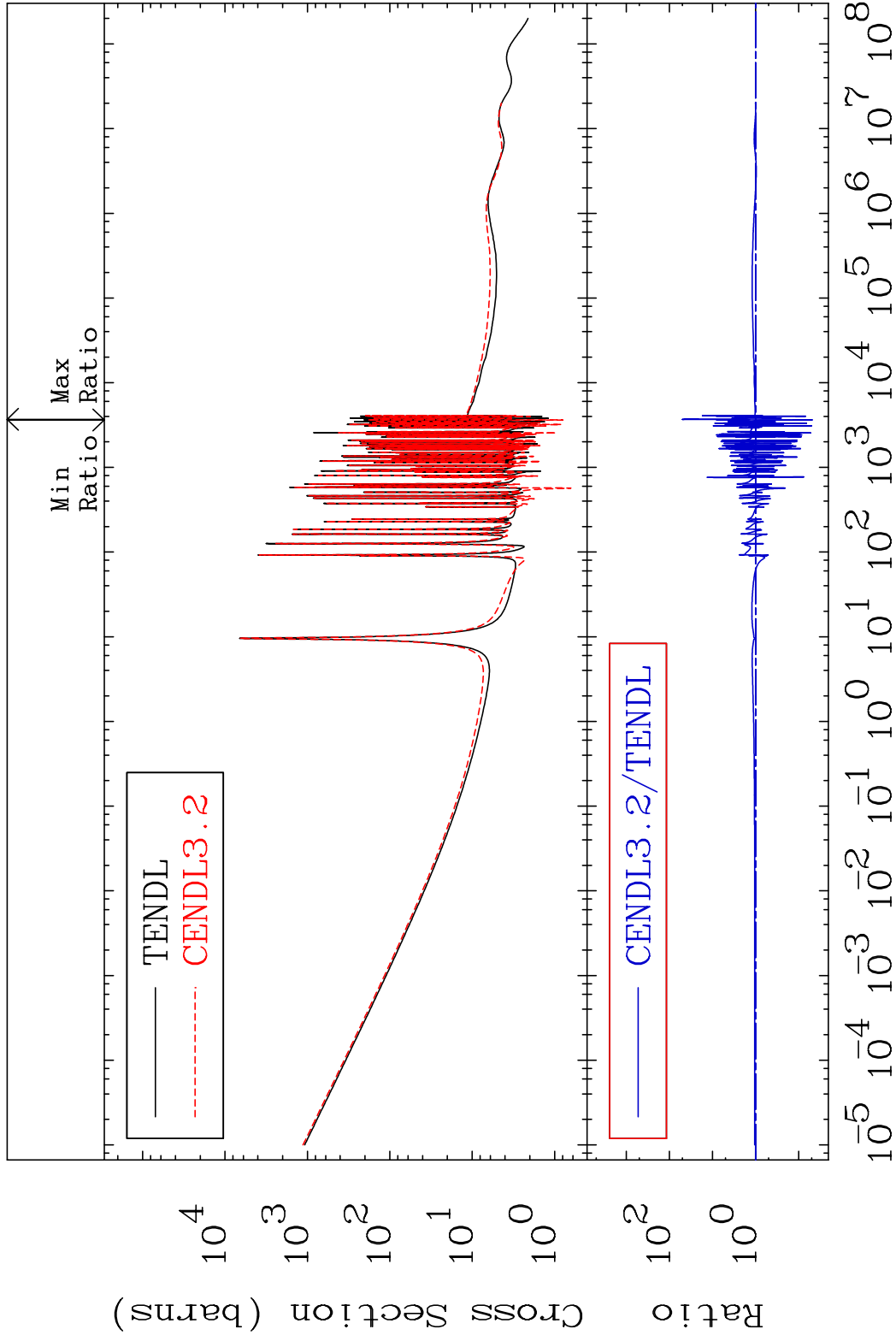
Press Mouse Button to Start

MAT 5440

Total

54-Xe-129

Cross Section -95.25 To 4912. %



1

Incident Energy (eV)

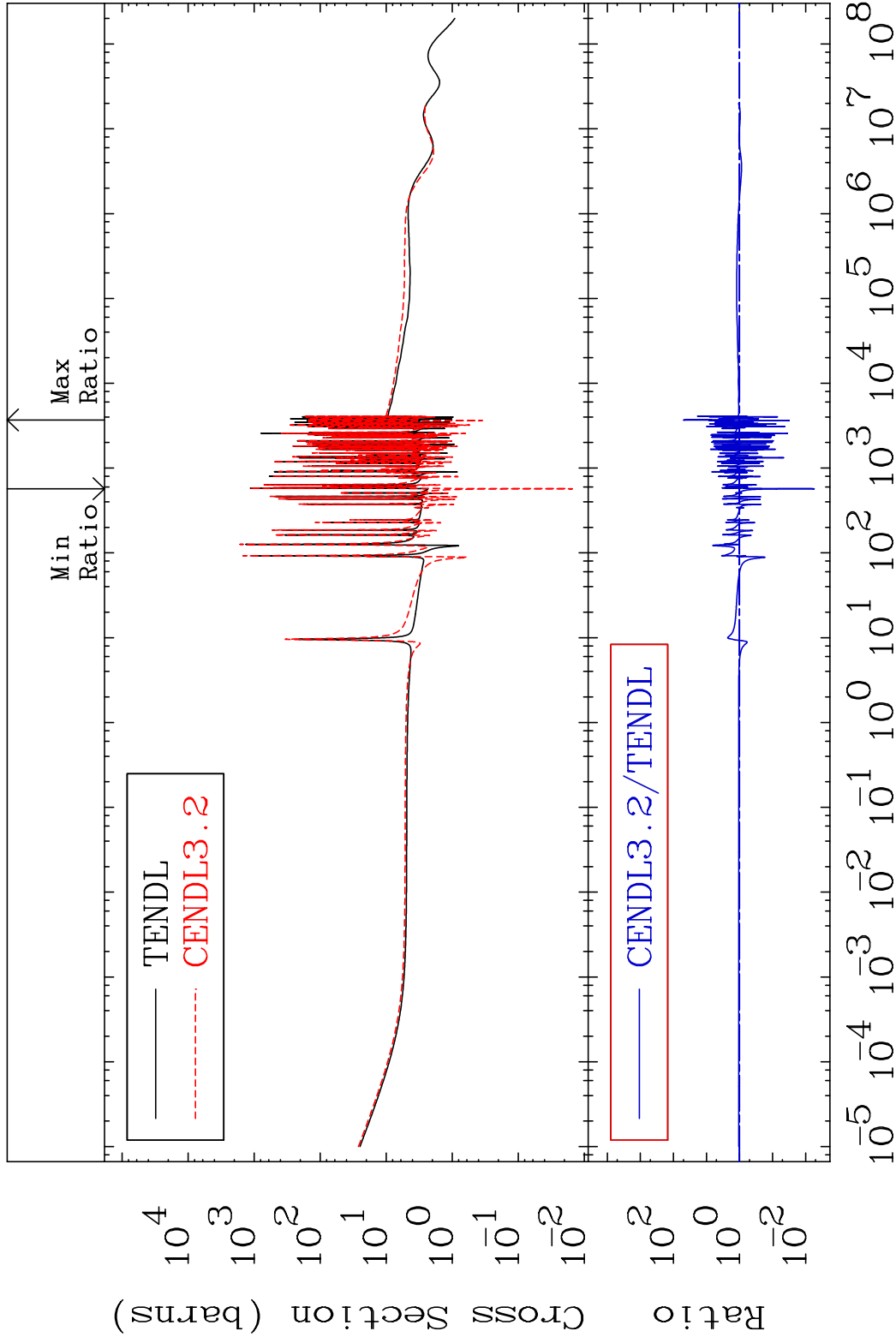
54-Xe-129

MAT 5440

Elastic

54-Xe-129

Cross Section -99.45 To 4796. %

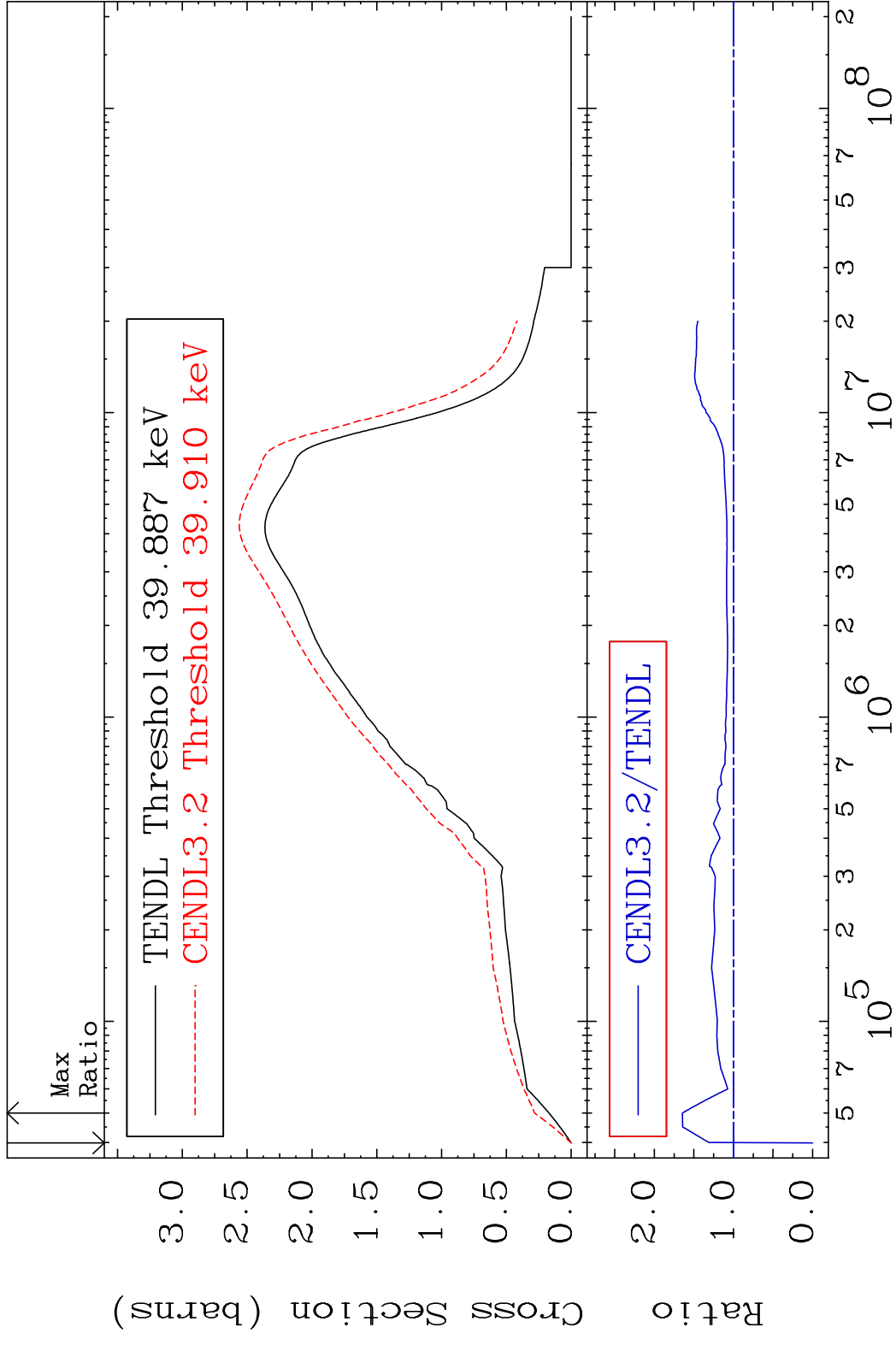


2

Incident Energy (eV)

54-Xe-129

MAT 5440 Inelastic 54-Xe-129  
 Cross Section -100.0 To 64.55 %

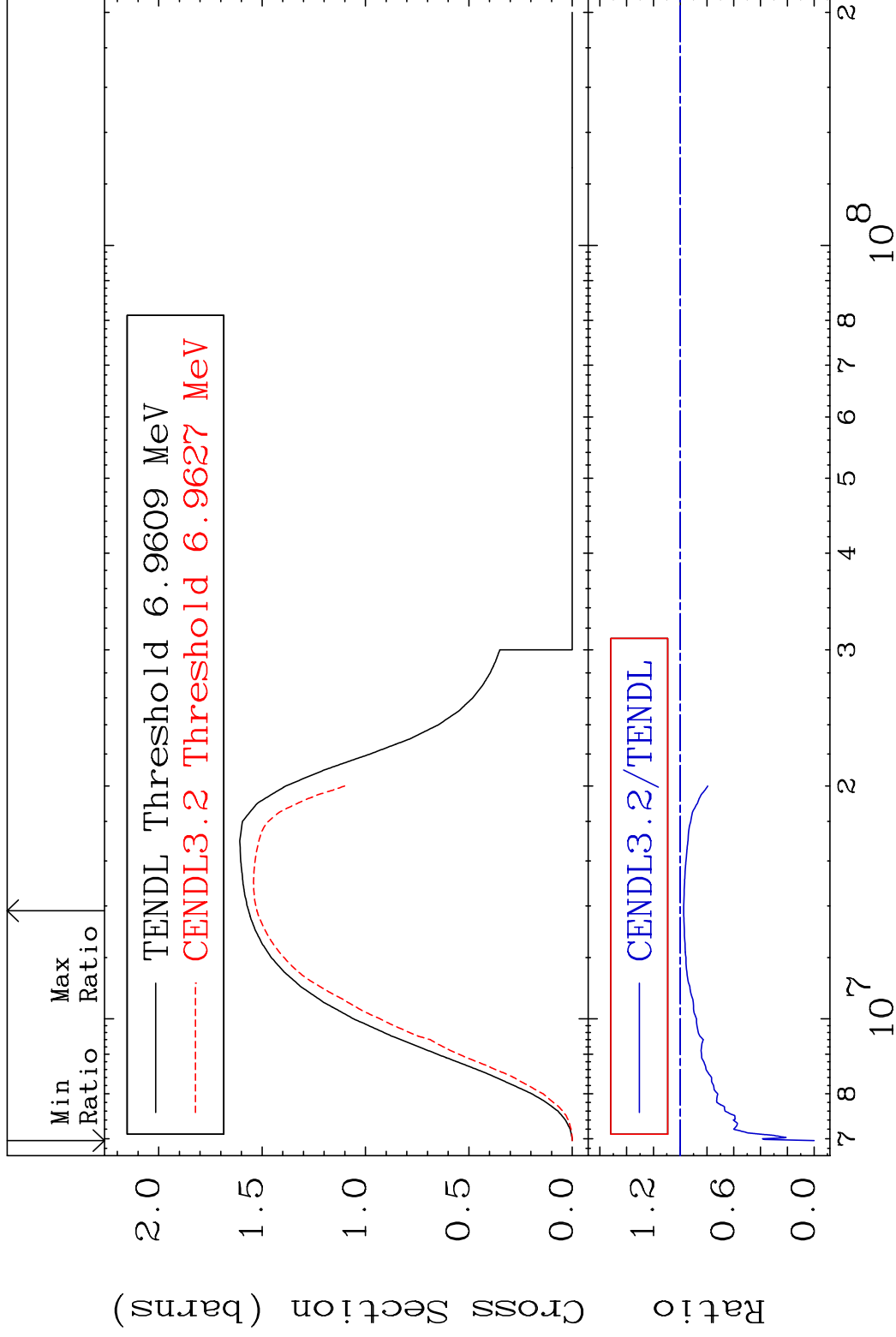


MAT 5440

(n,2n)

54-Xe-129

Cross Section -100.0 To -2.558%



4

Incident Energy (eV)

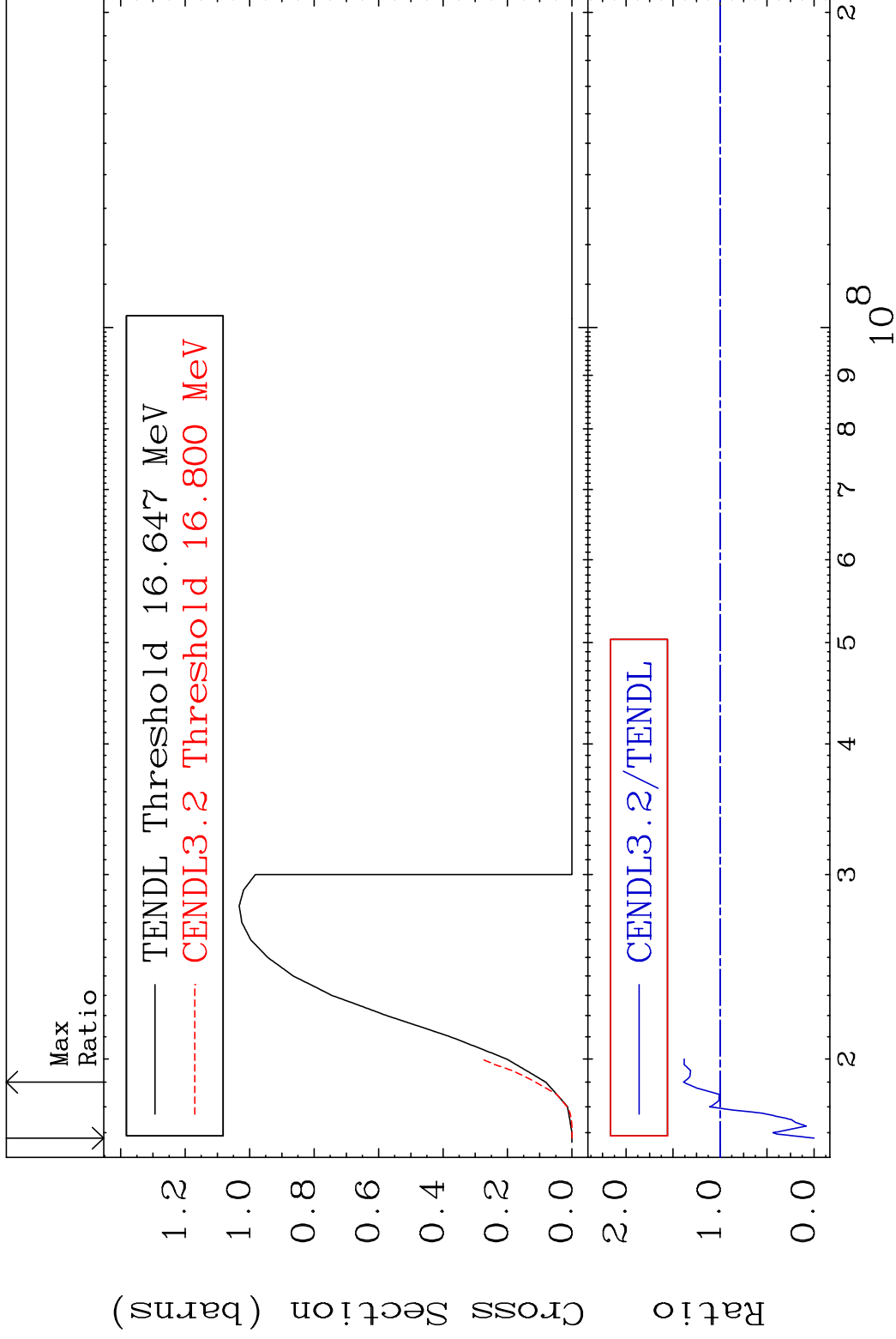
54-Xe-129

MAT 5440

(n,3n)

54-Xe-129

Cross Section -100.0 To 38.93 %

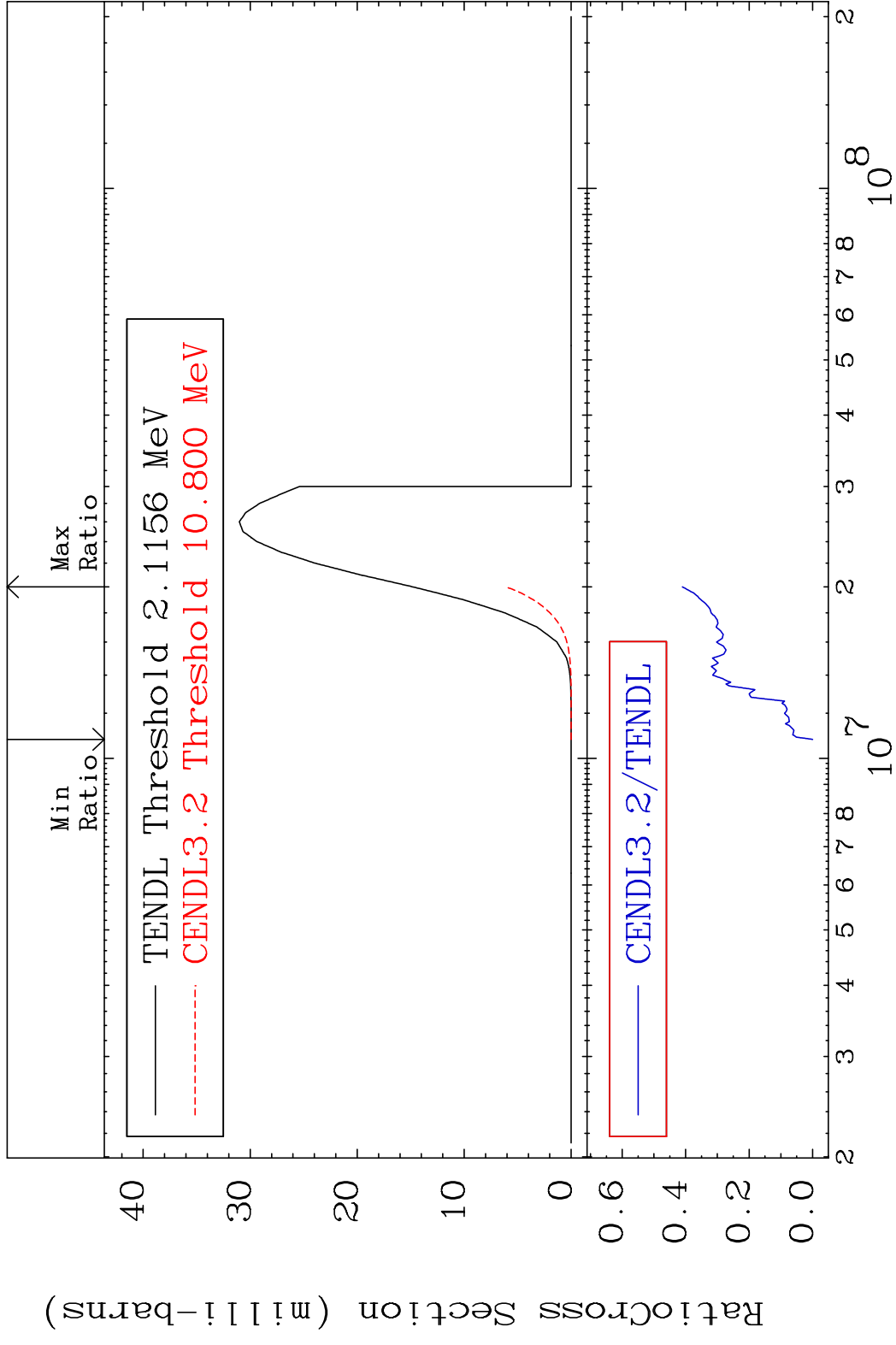


5

Incident Energy (eV)

54-Xe-129

MAT 5440 (n, n')  $\alpha$  54-Xe-129  
 Cross Section -100.0 To -58.96%

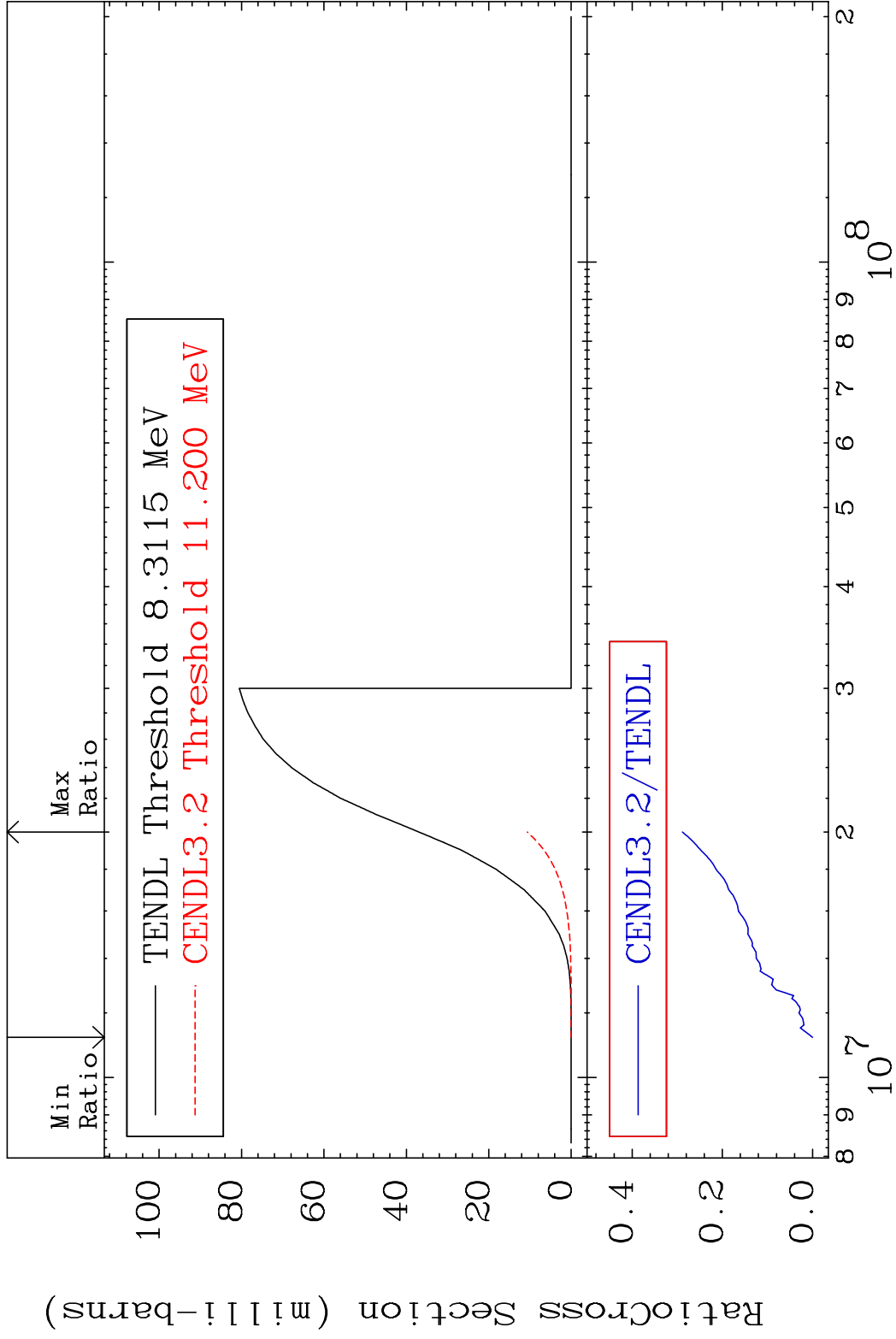


MAT 5440

(n, n') p

54-Xe-129

Cross Section -100.0 To -71.13%

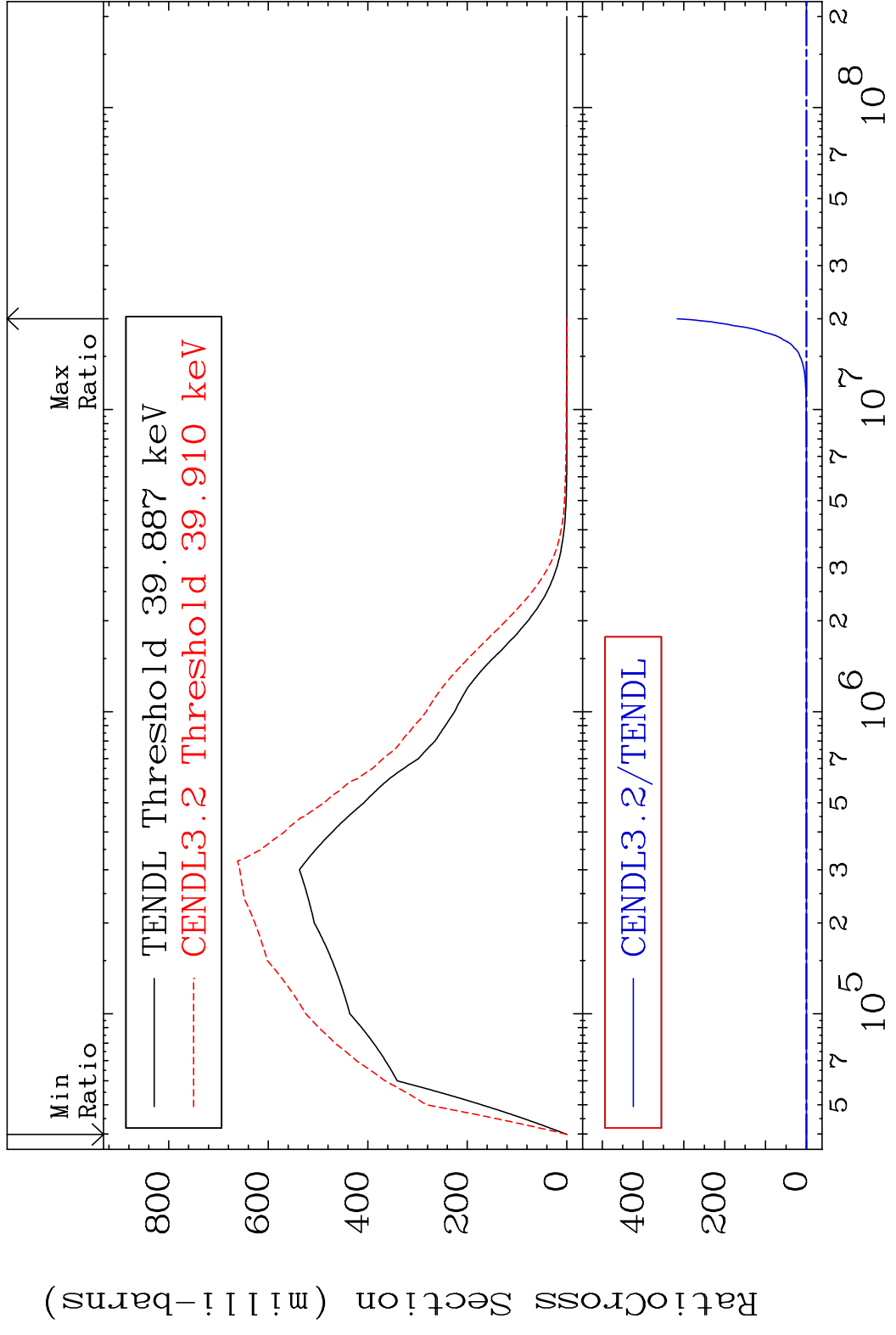


7

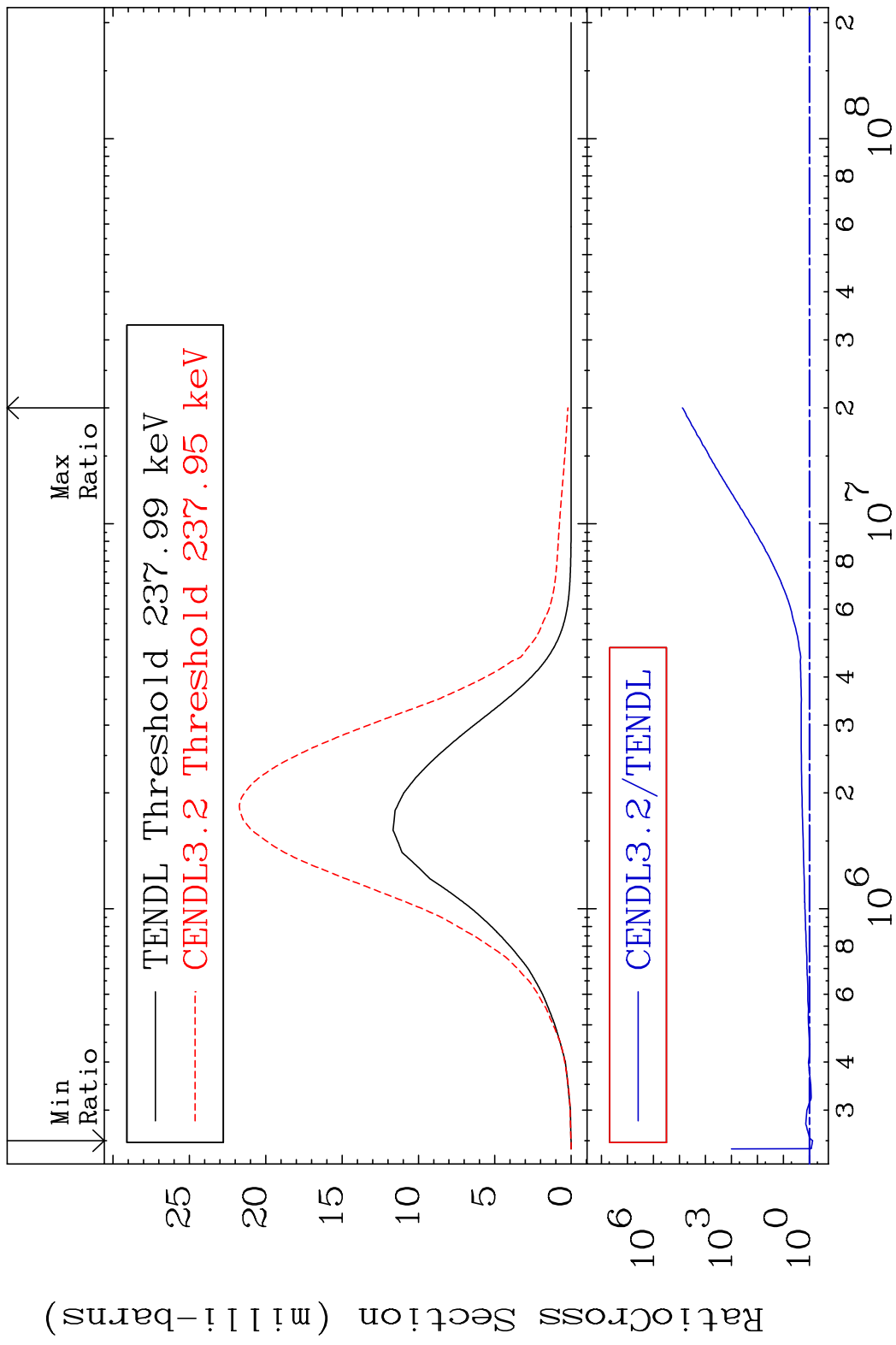
Incident Energy (eV)

54-Xe-129

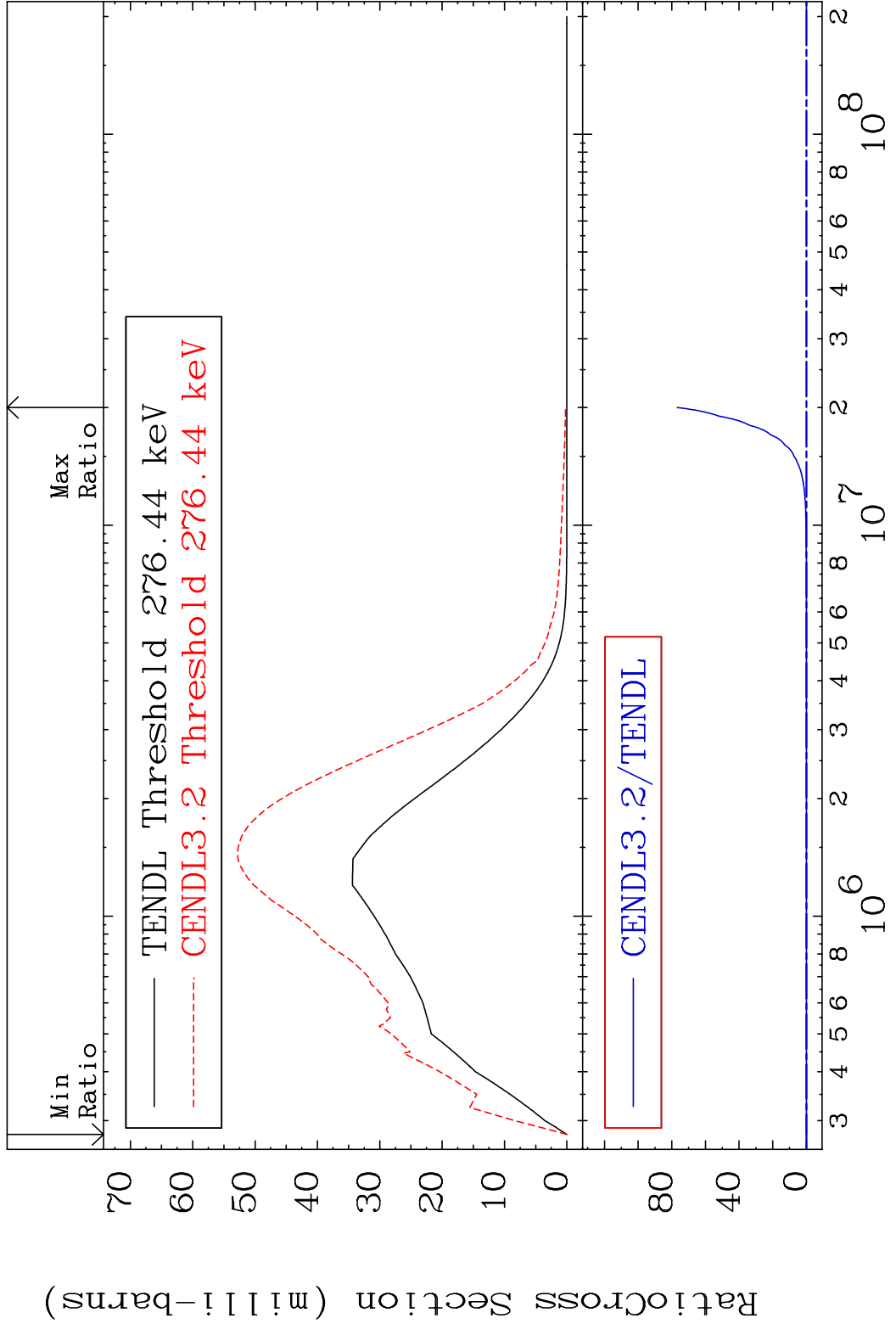
MAT 5440 MT= 51 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



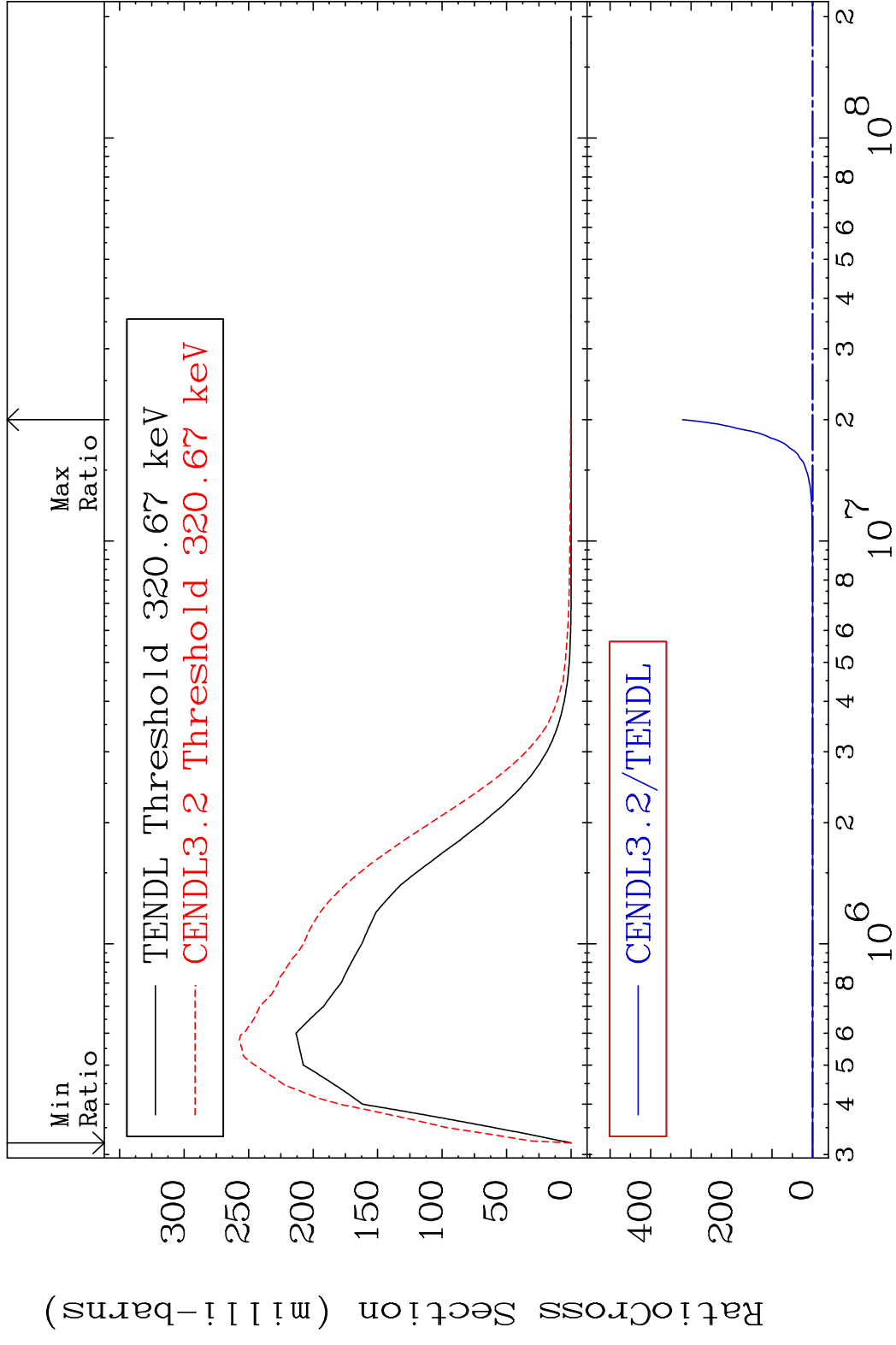
MAT 5440 MT= 52 (n,n') Level 54-Xe-129  
 Cross Section -23.67 To 9999. %



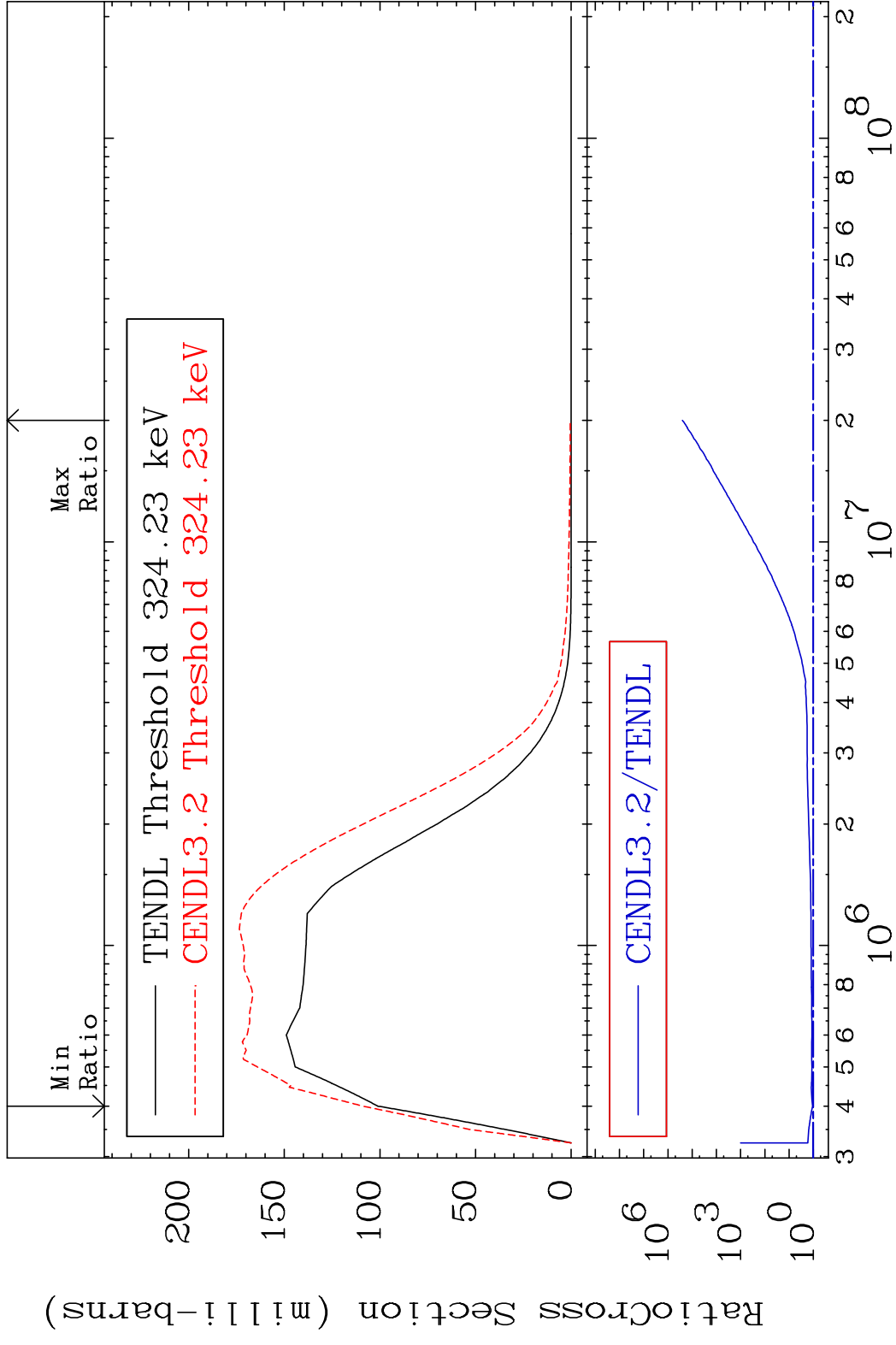
MAT 5440 MT= 53 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



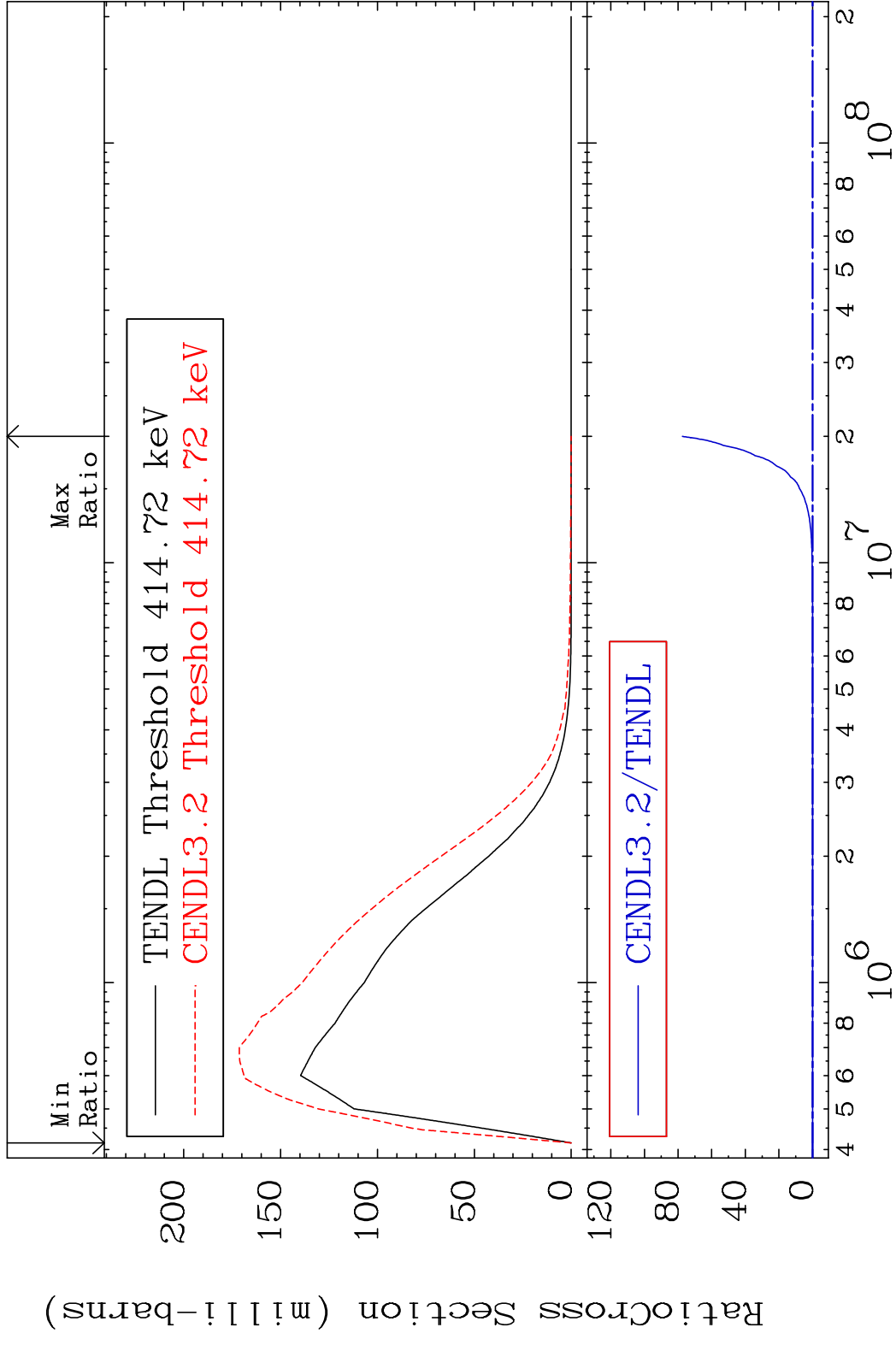
MAT 5440 MT= 54 (n,n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



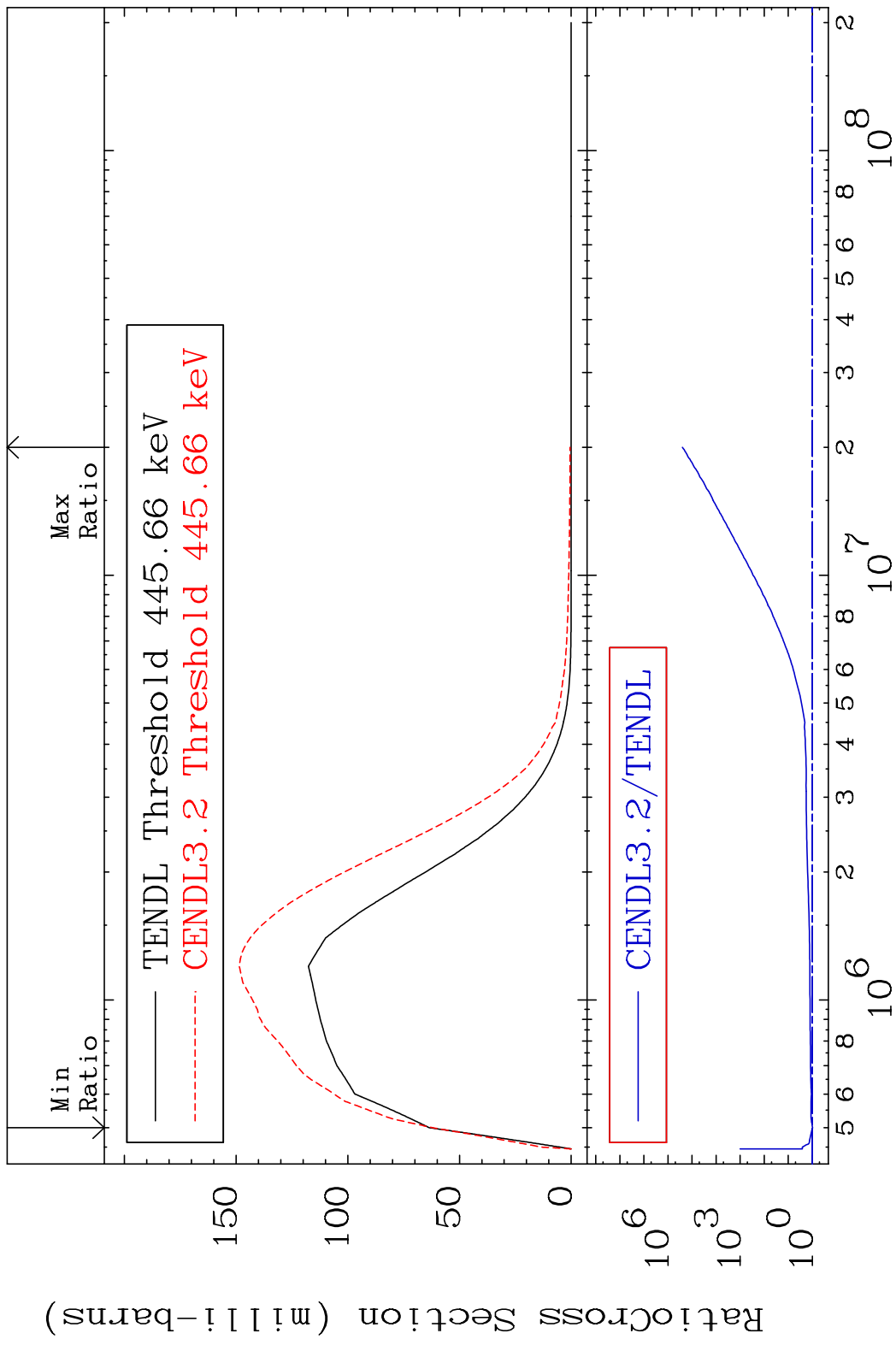
MAT 5440 MT= 55 (n, n') Level 54-Xe-129  
 Cross Section 7.715 To 9999. %



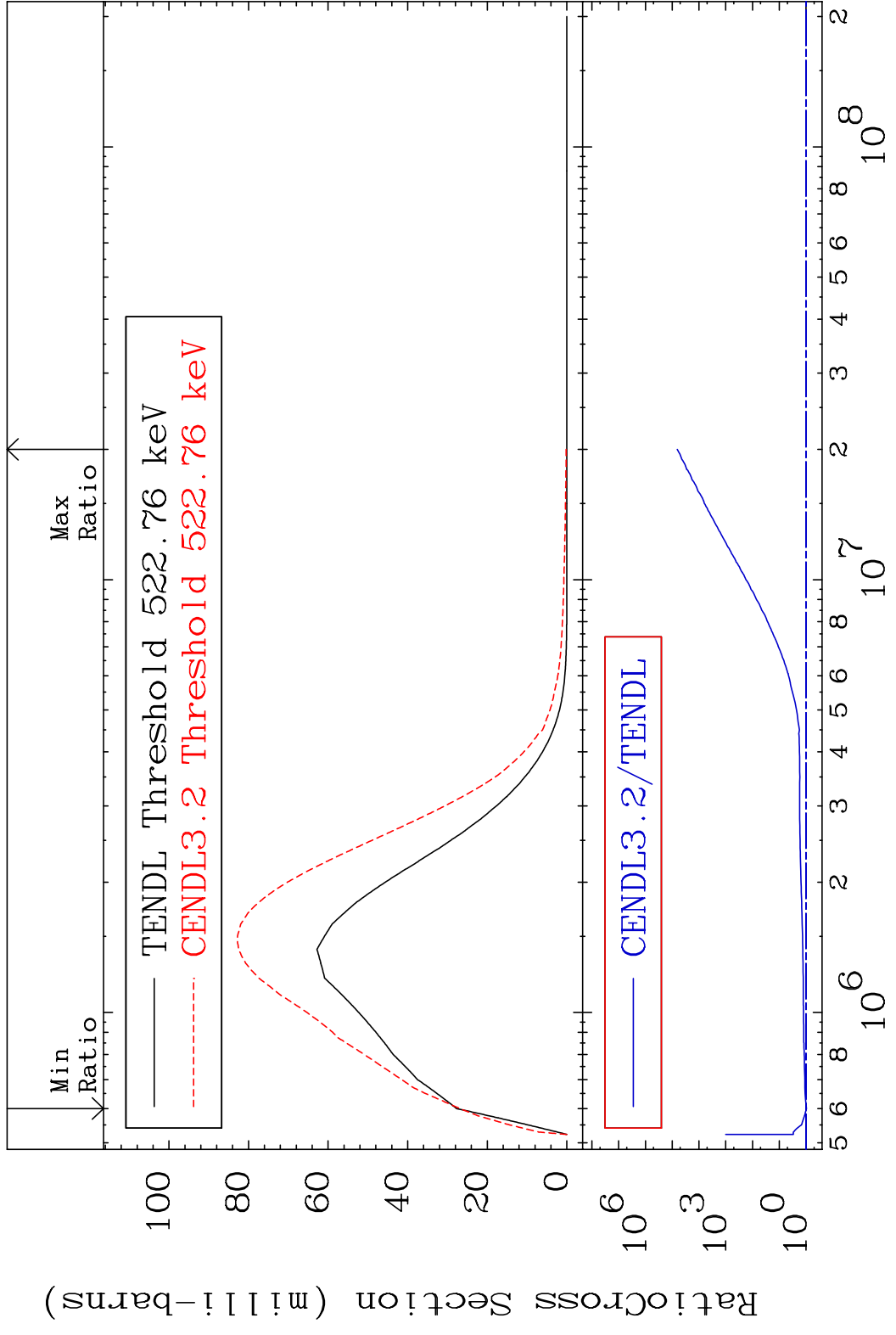
MAT 5440 MT= 56 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



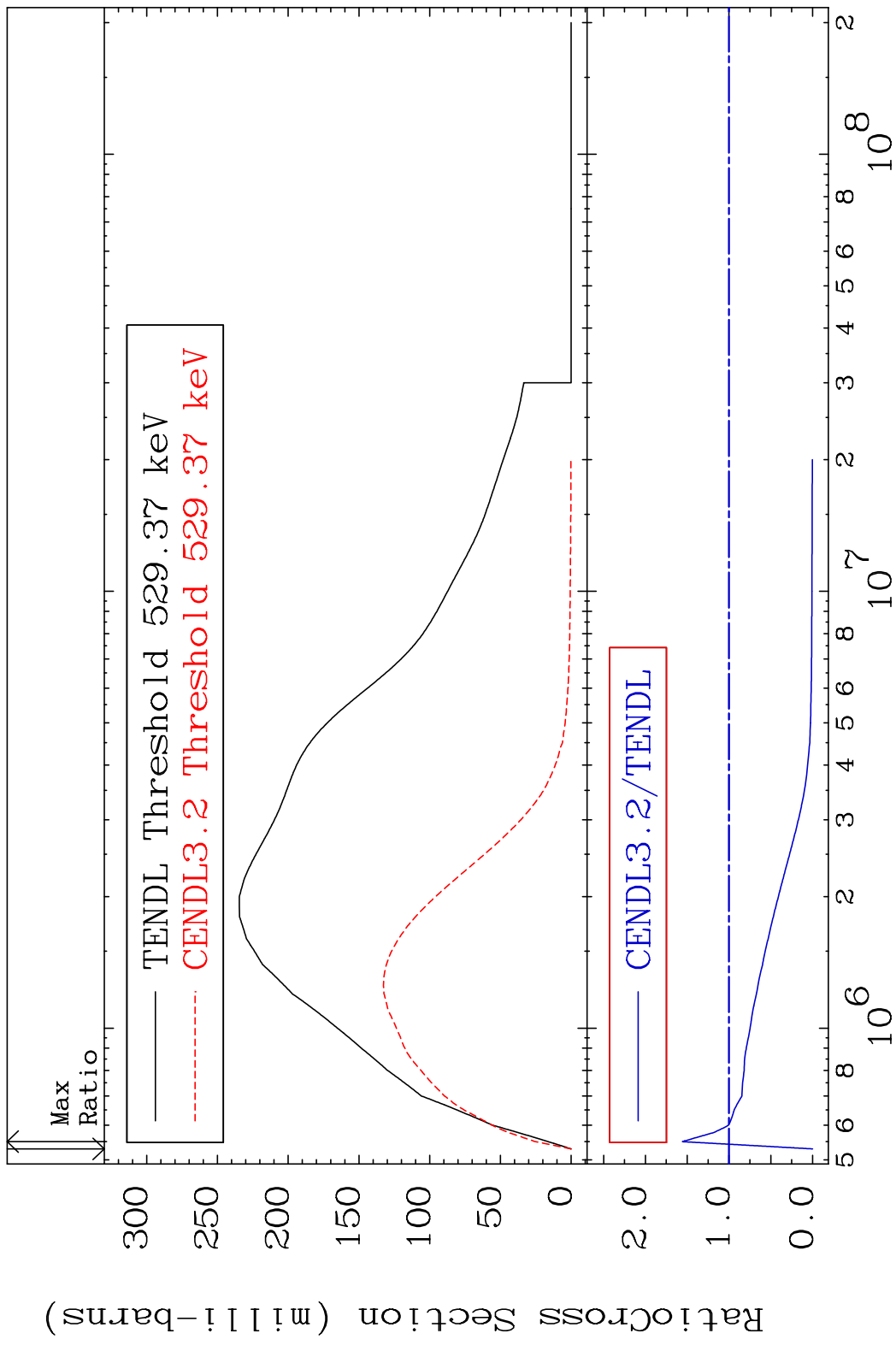
MAT 5440 MT= 57 (n, n') Level 54-Xe-129  
 Cross Section -2.342 To 9999. %



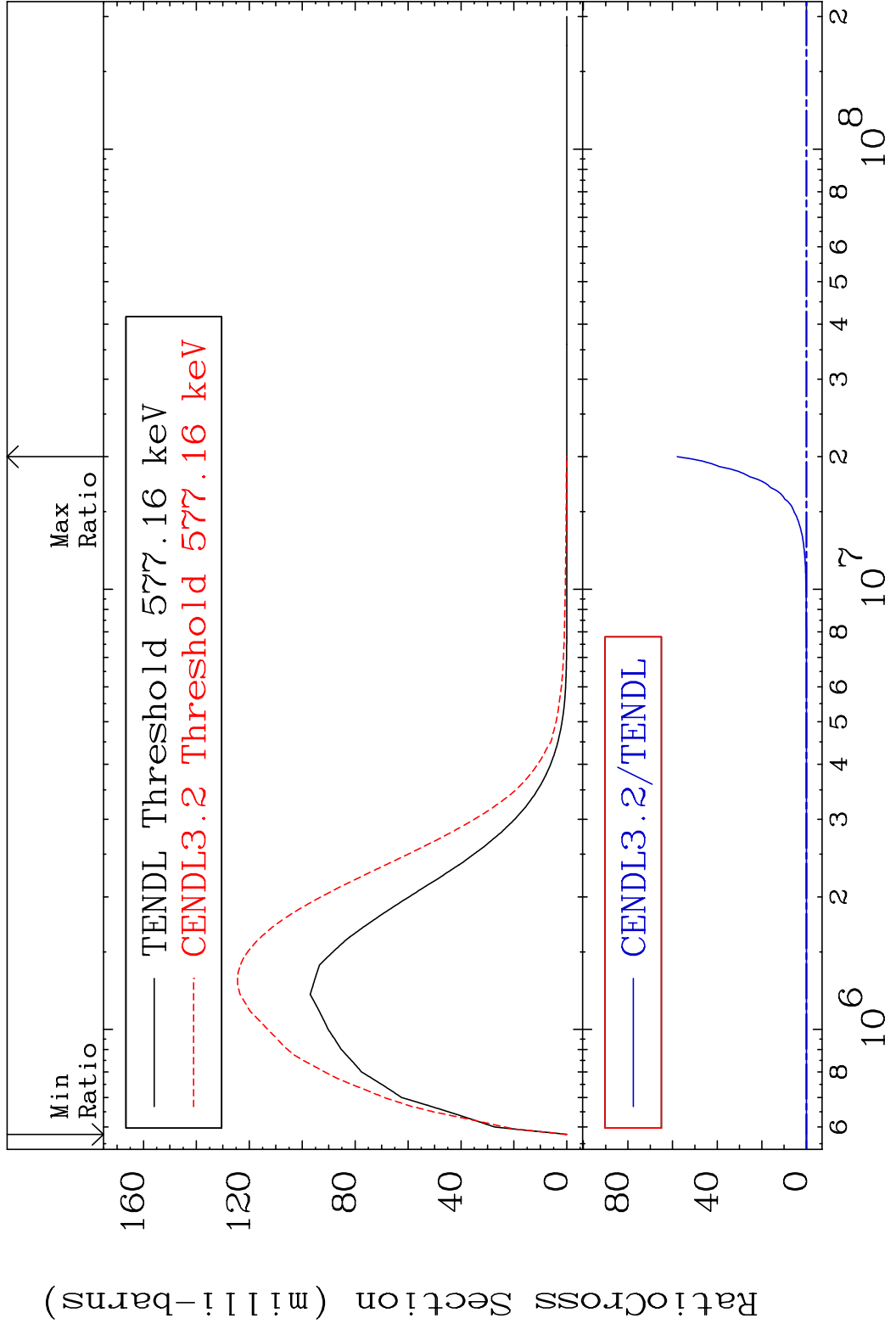
MAT 5440 MT= 58 (n, n') Level 54-Xe-129  
 Cross Section -2.803 To 9999. %



MAT 5440 MT= 59 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 55.80 %

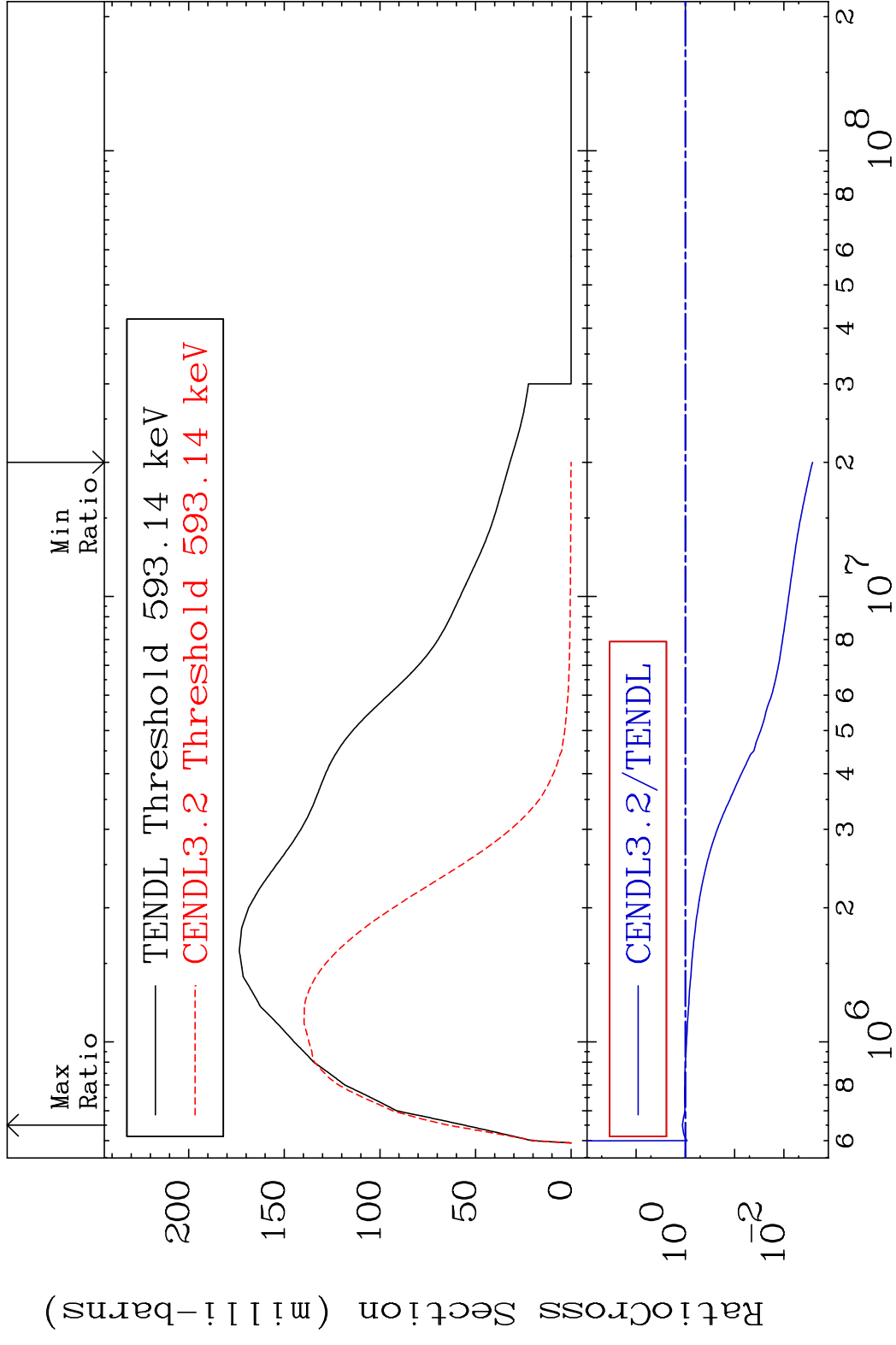


MAT 5440 MT= 60 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %

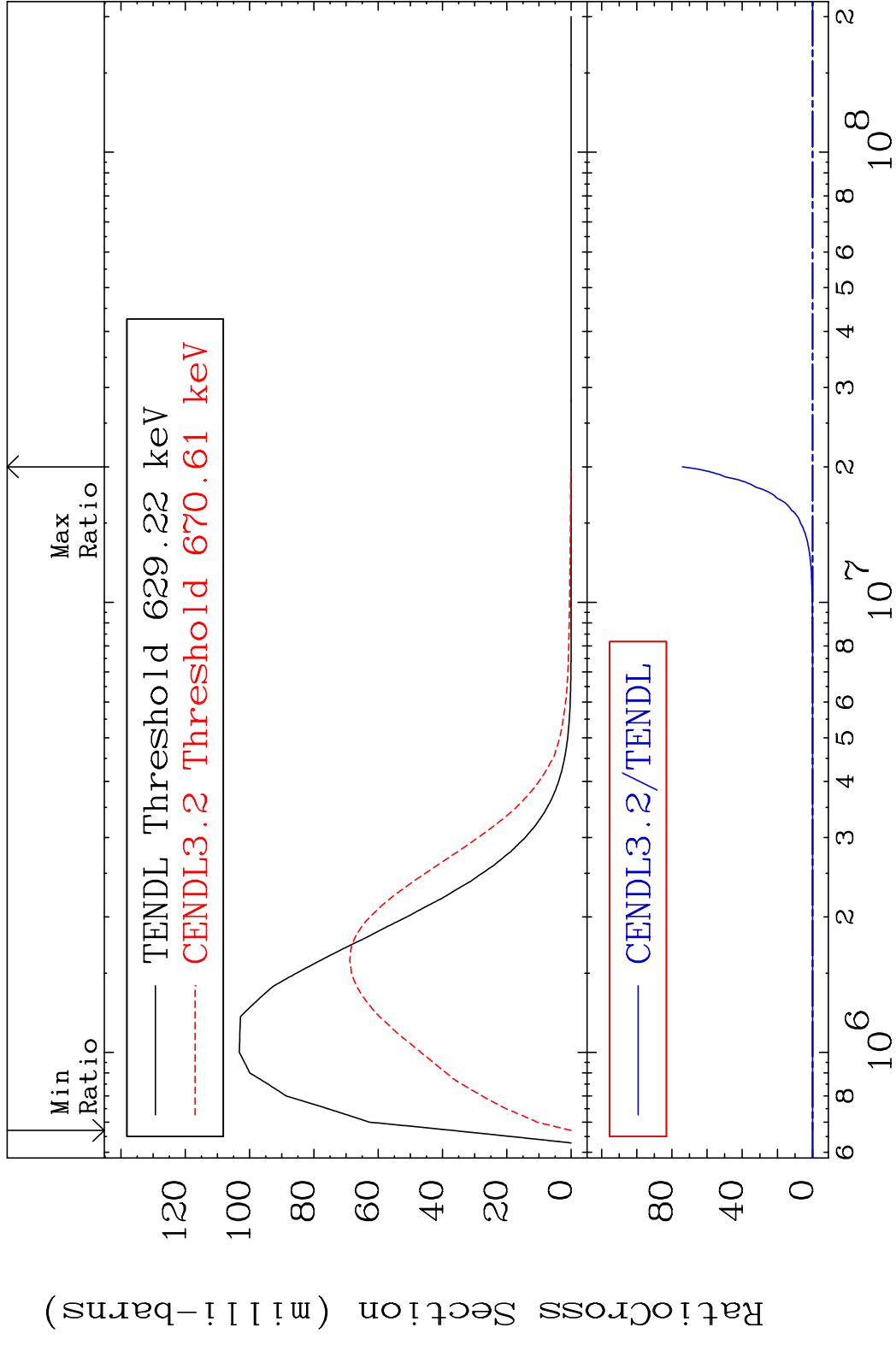


17 Incident Energy (eV) 54-Xe-129

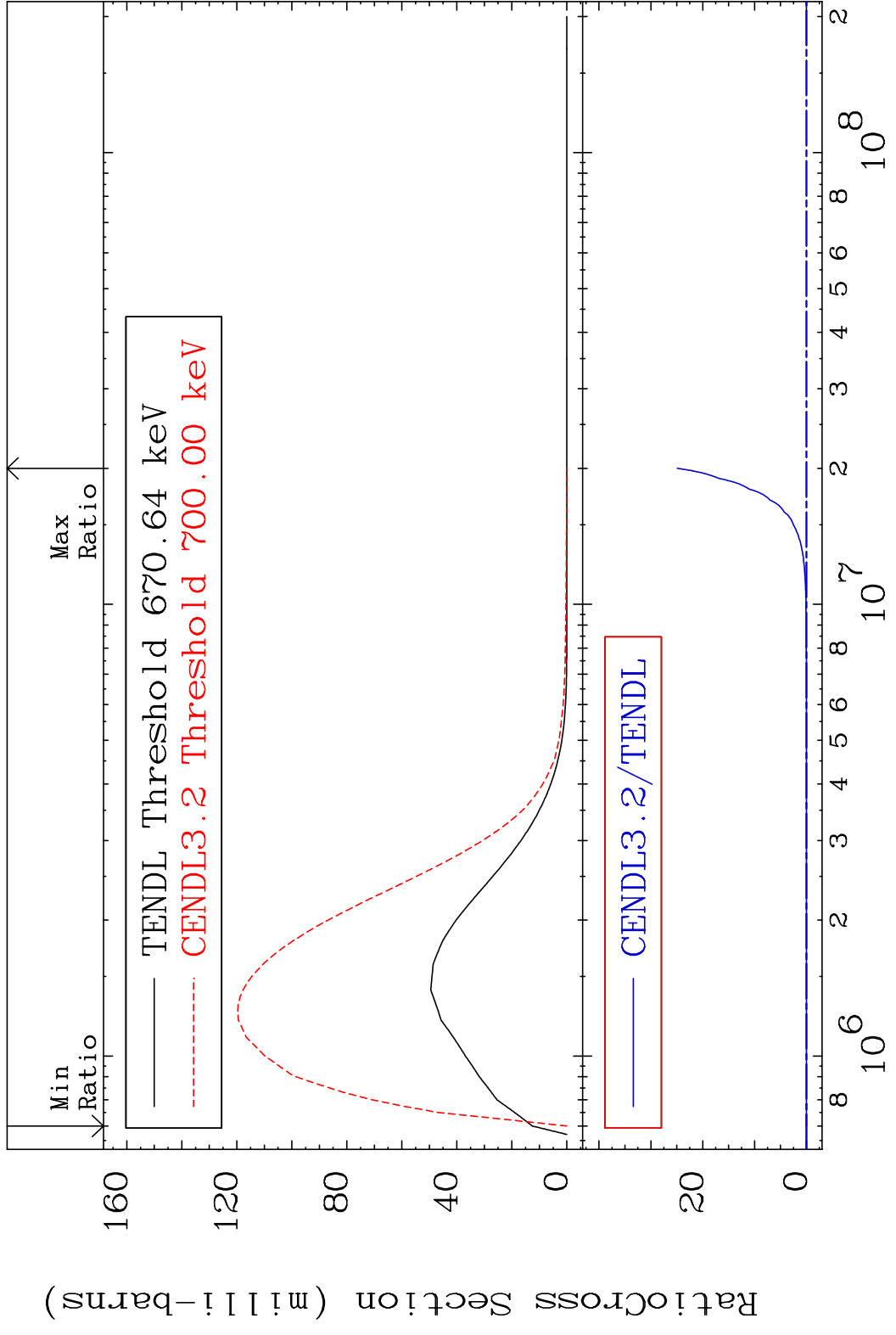
MAT 5440 MT= 61 (n, n') Level 54-Xe-129  
 Cross Section -99.74 To 15.15 %



MAT 5440 MT= 62 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %

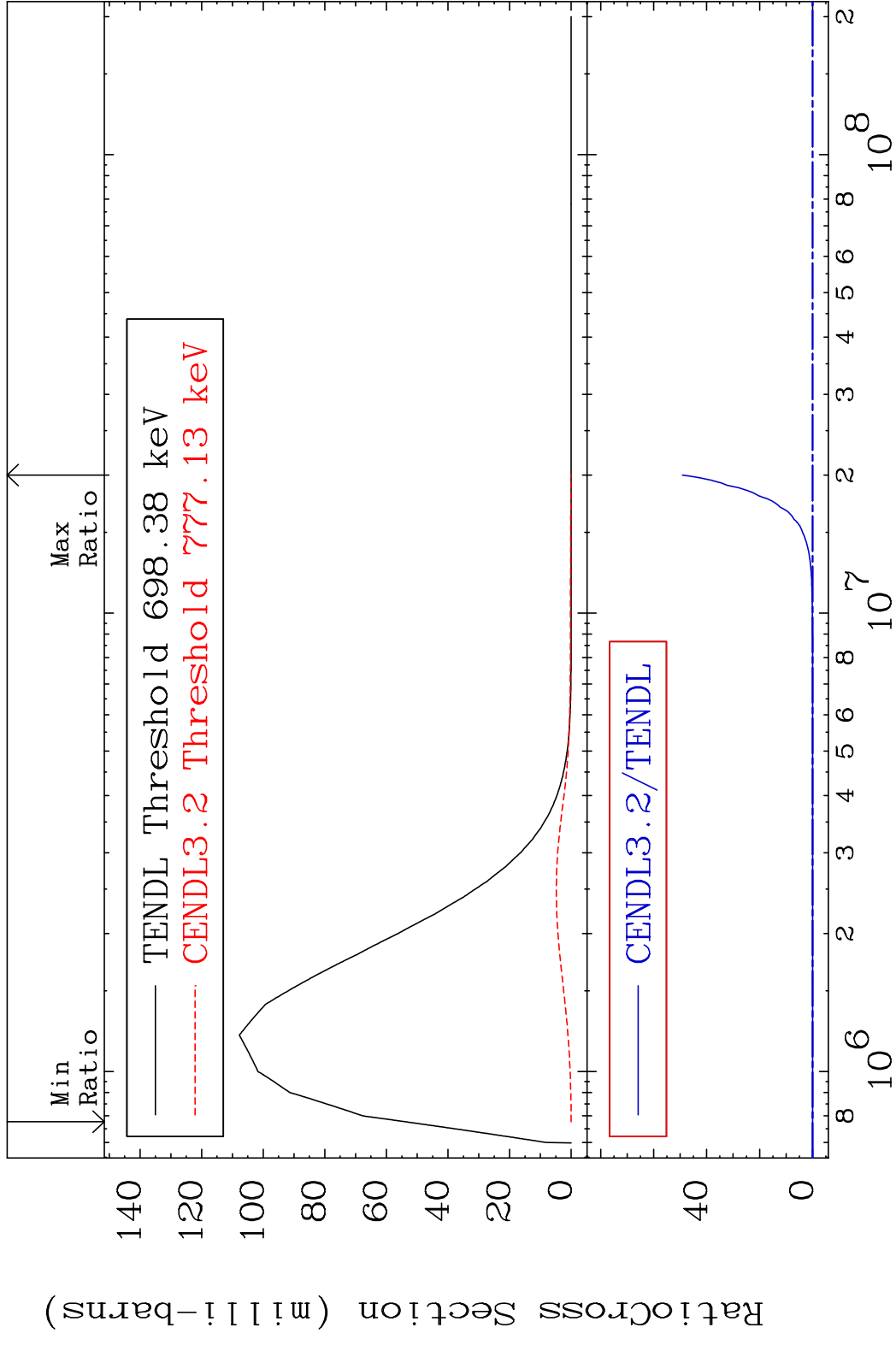


MAT 5440 MT= 63 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %

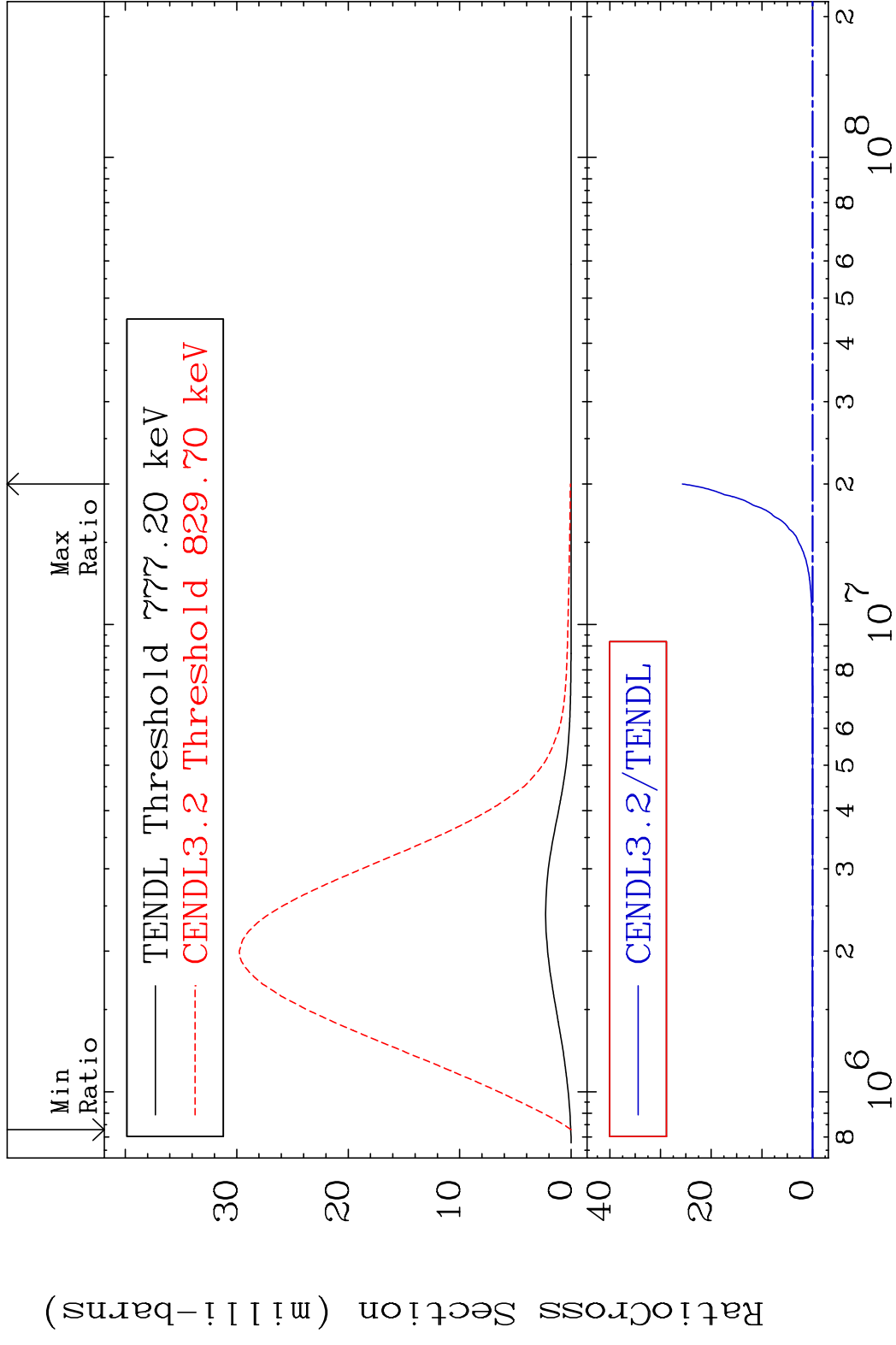


20 Incident Energy (eV) 54-Xe-129

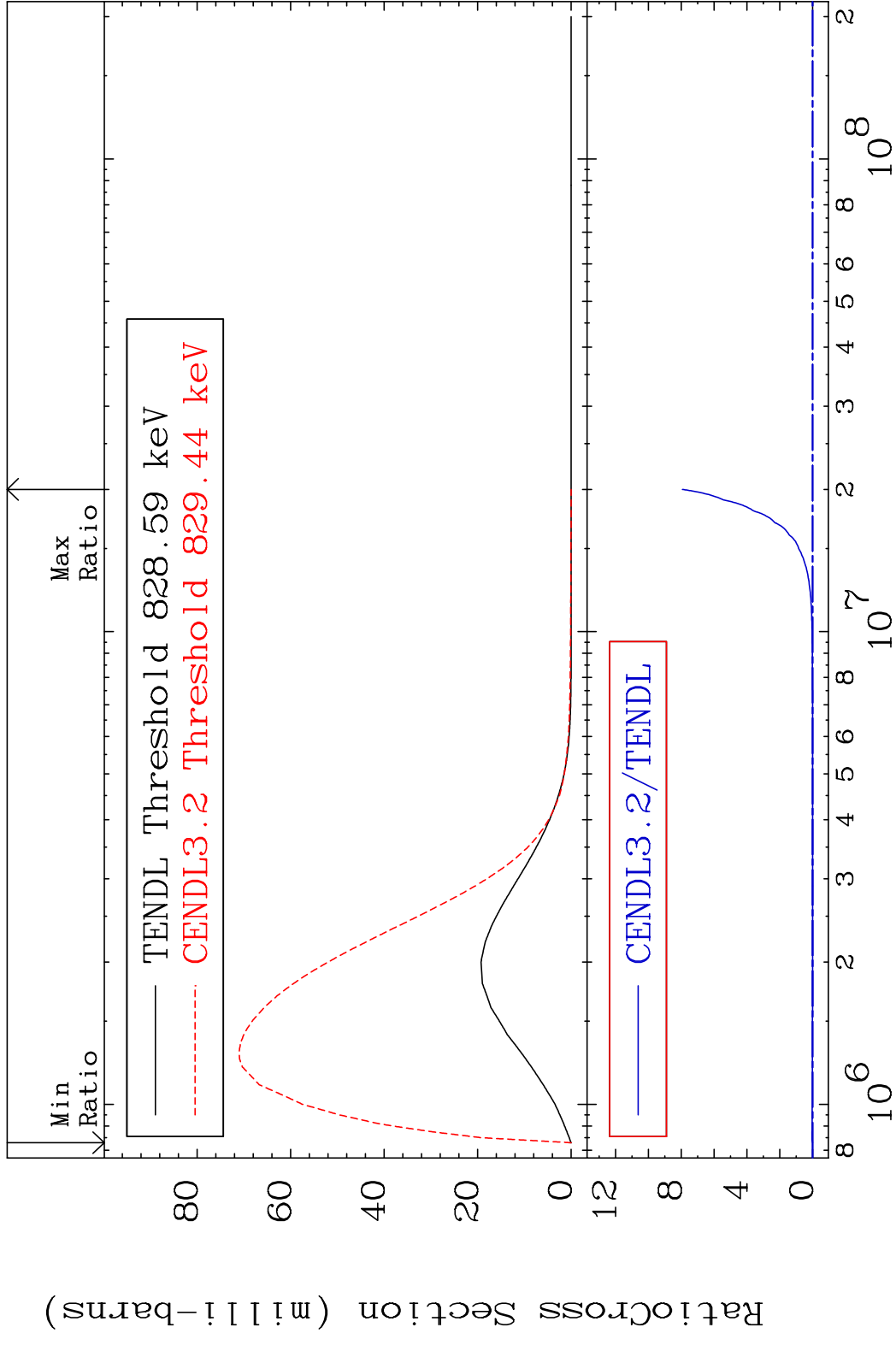
MAT 5440 MT= 64 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



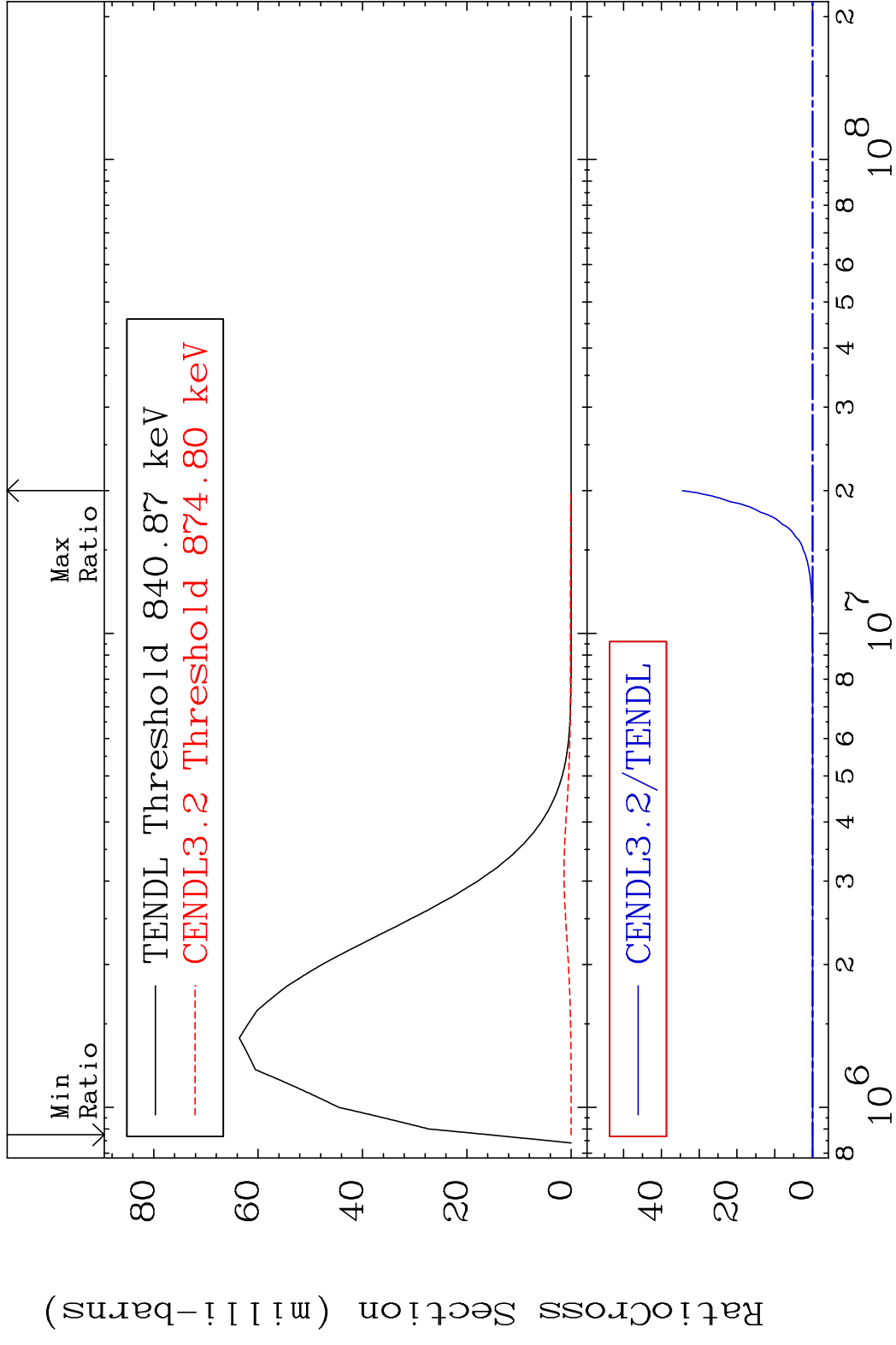
MAT 5440 MT= 65 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



MAT 5440 MT= 66 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %

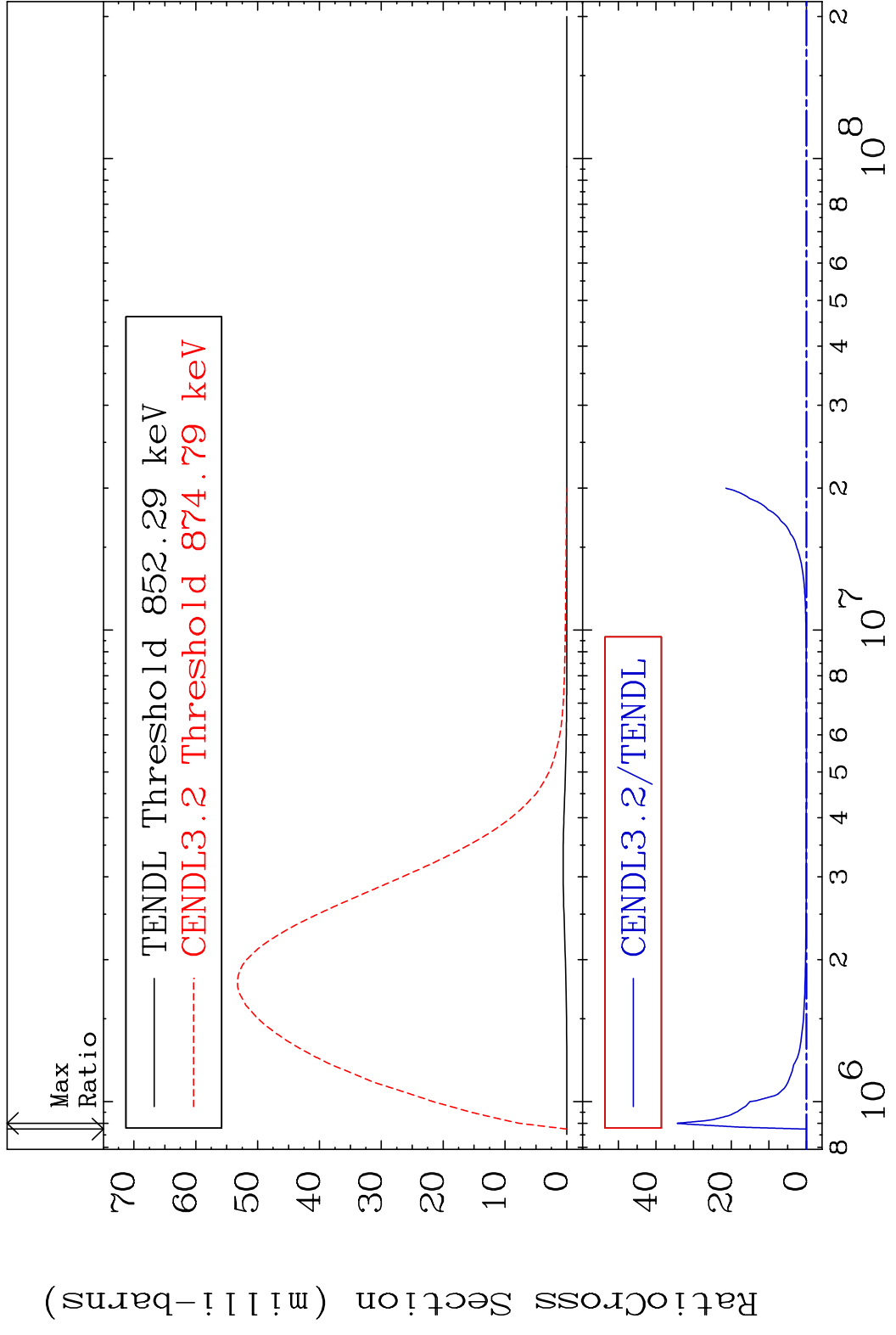


MAT 5440 MT= 67 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



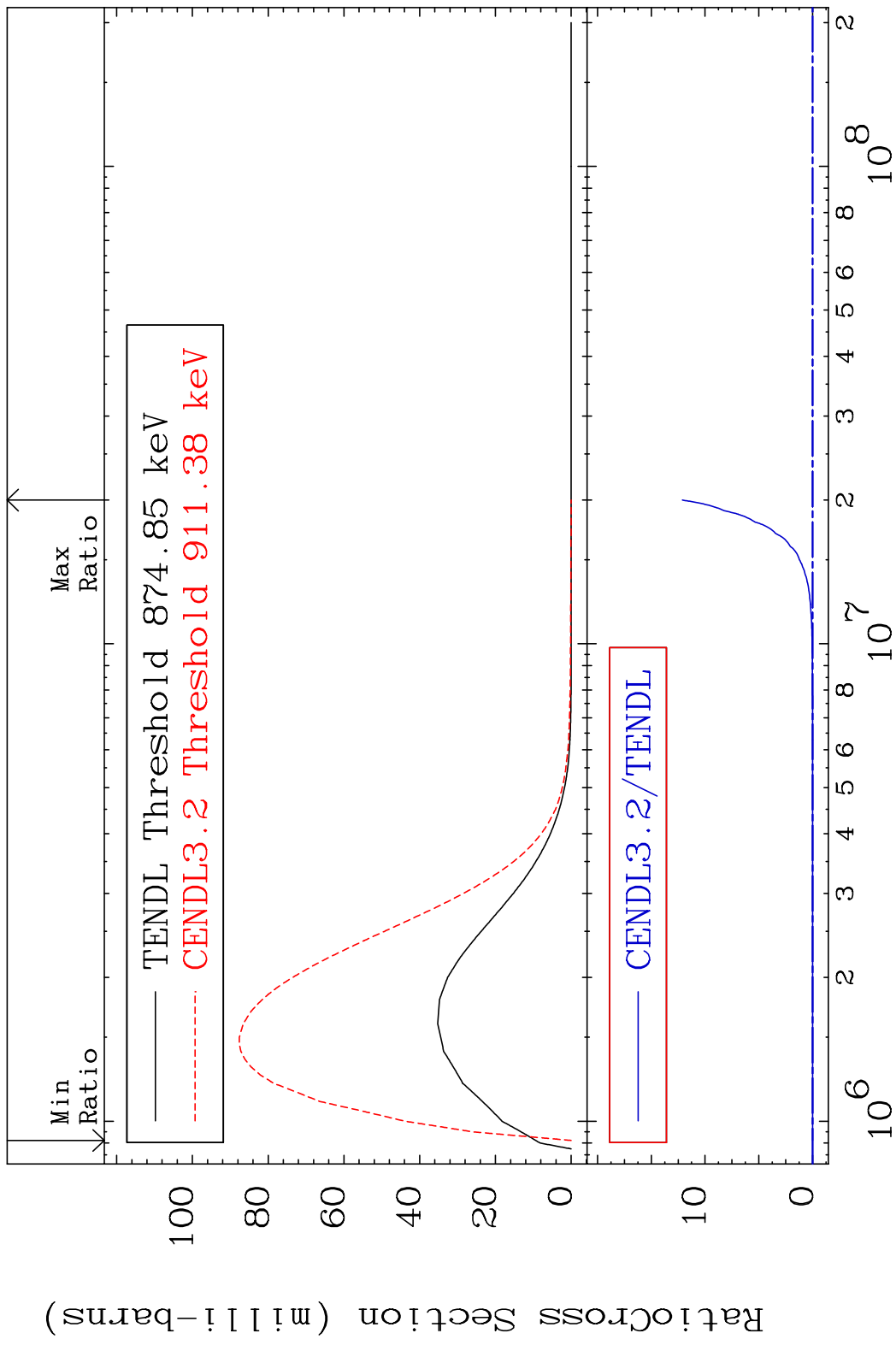
24 Incident Energy (eV) 54-Xe-129

MAT 5440 MT= 68 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



25 Incident Energy (eV) 54-Xe-129

MAT 5440 MT= 69 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



26 Incident Energy (eV) 54-Xe-129

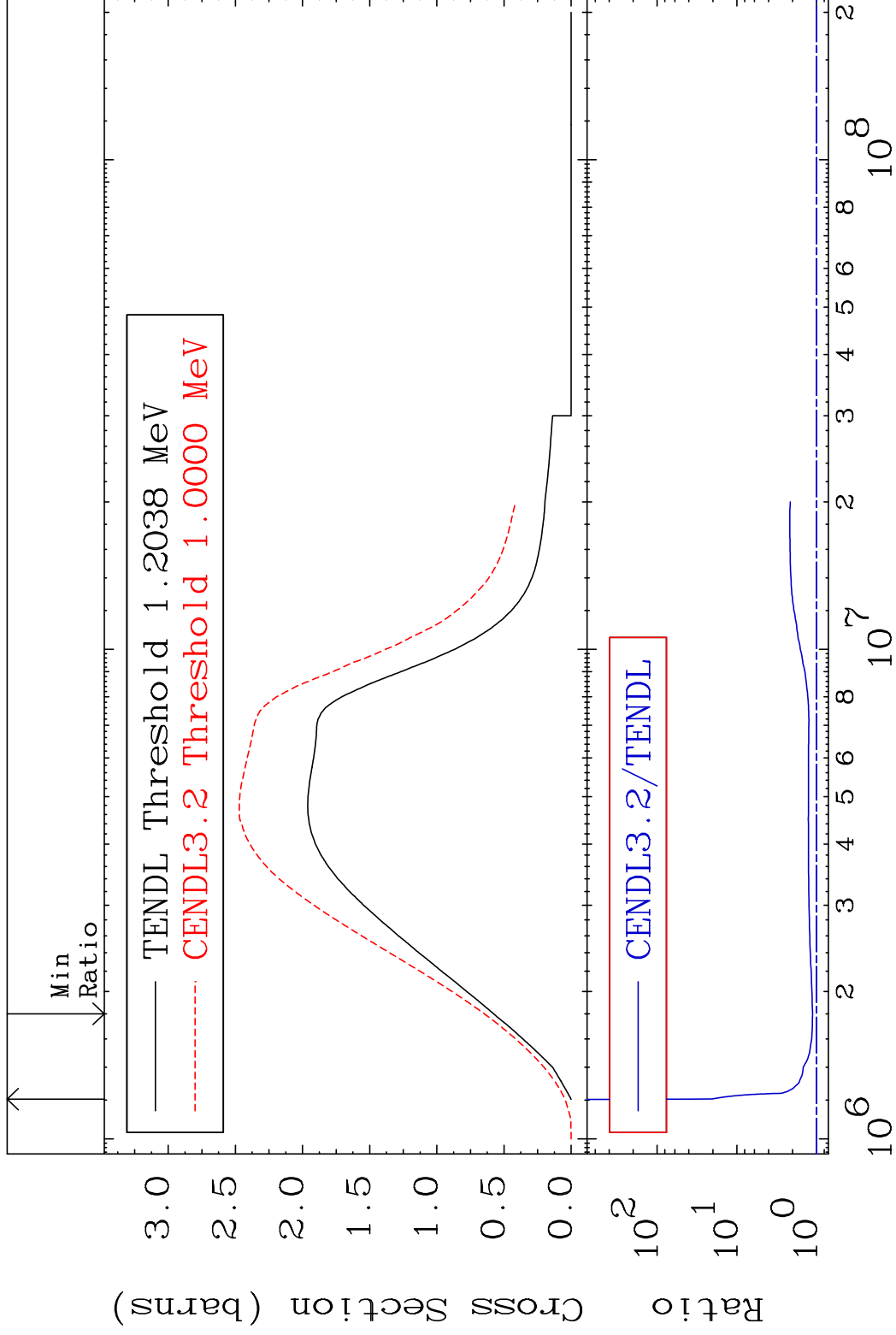
MAT 5440

(n, n') Continuum

54-Xe-129

Cross Section 11.91

To 4729. %



27

Incident Energy (eV)

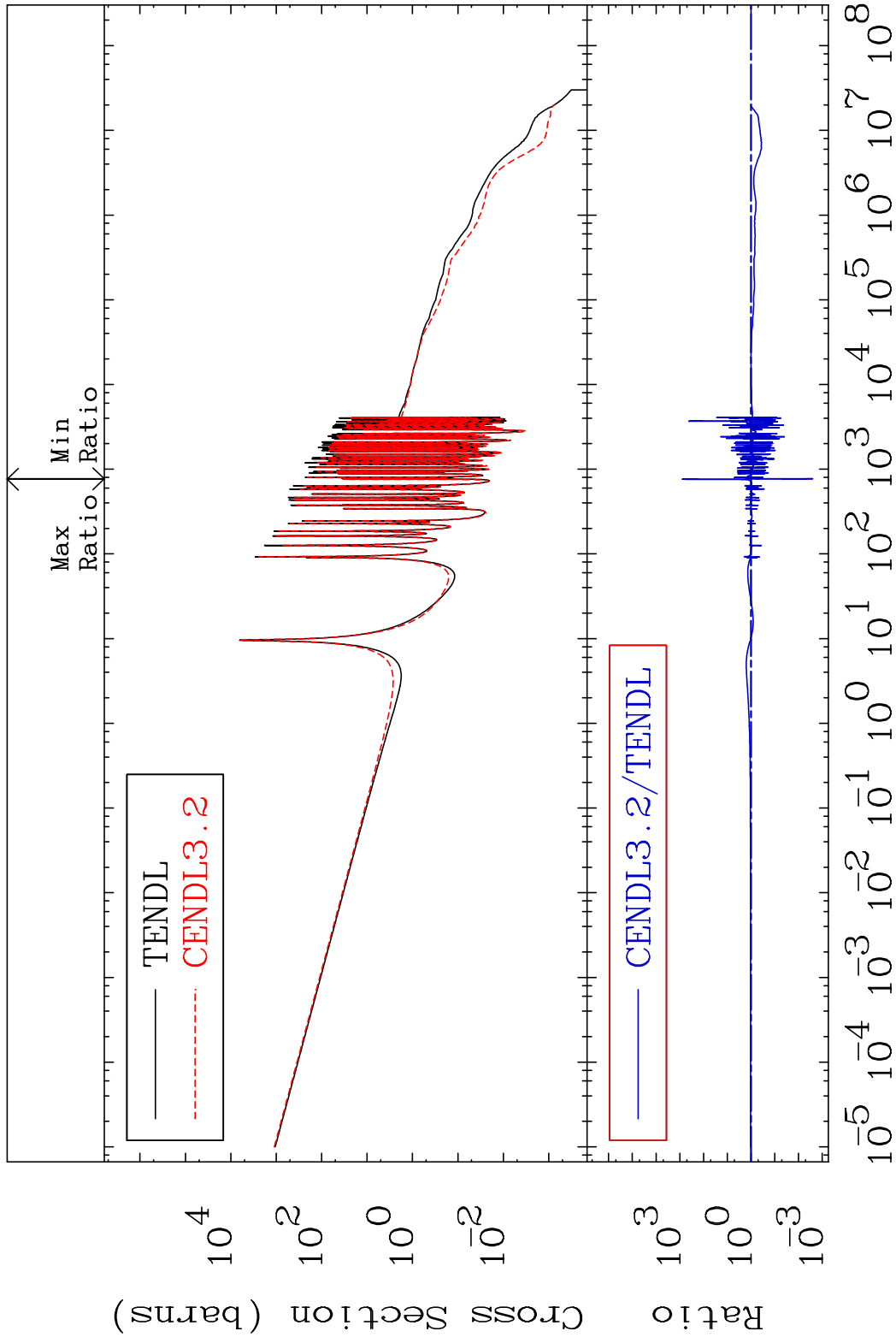
54-Xe-129

MAT 5440

(n,  $\gamma$ )

54-Xe-129

Cross Section -99.74 To 9999. %



28

Incident Energy (eV)

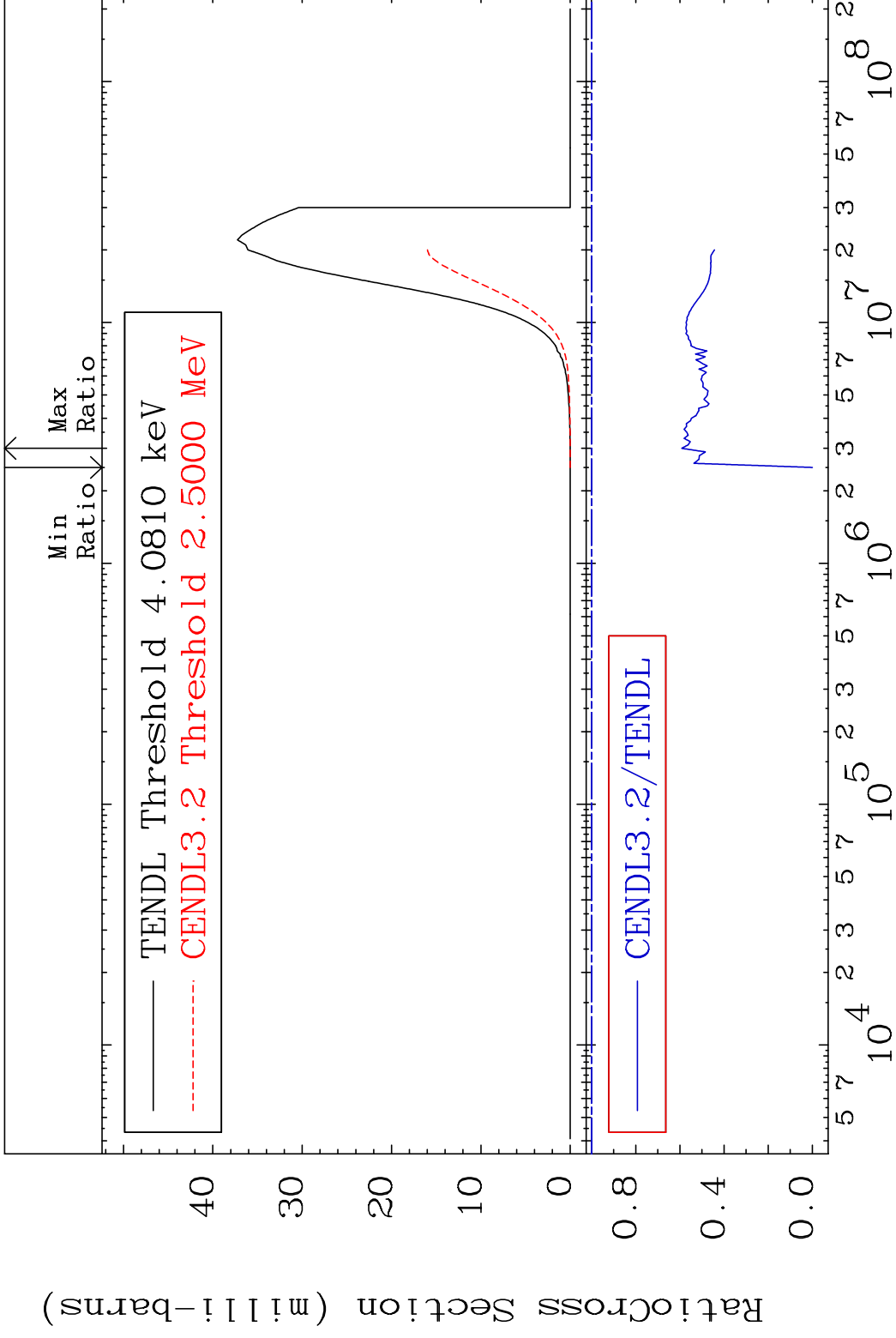
54-Xe-129

MAT 5440

(n, p)

54-Xe-129

Cross Section -100.0 To -40.85%



29

Incident Energy (eV)

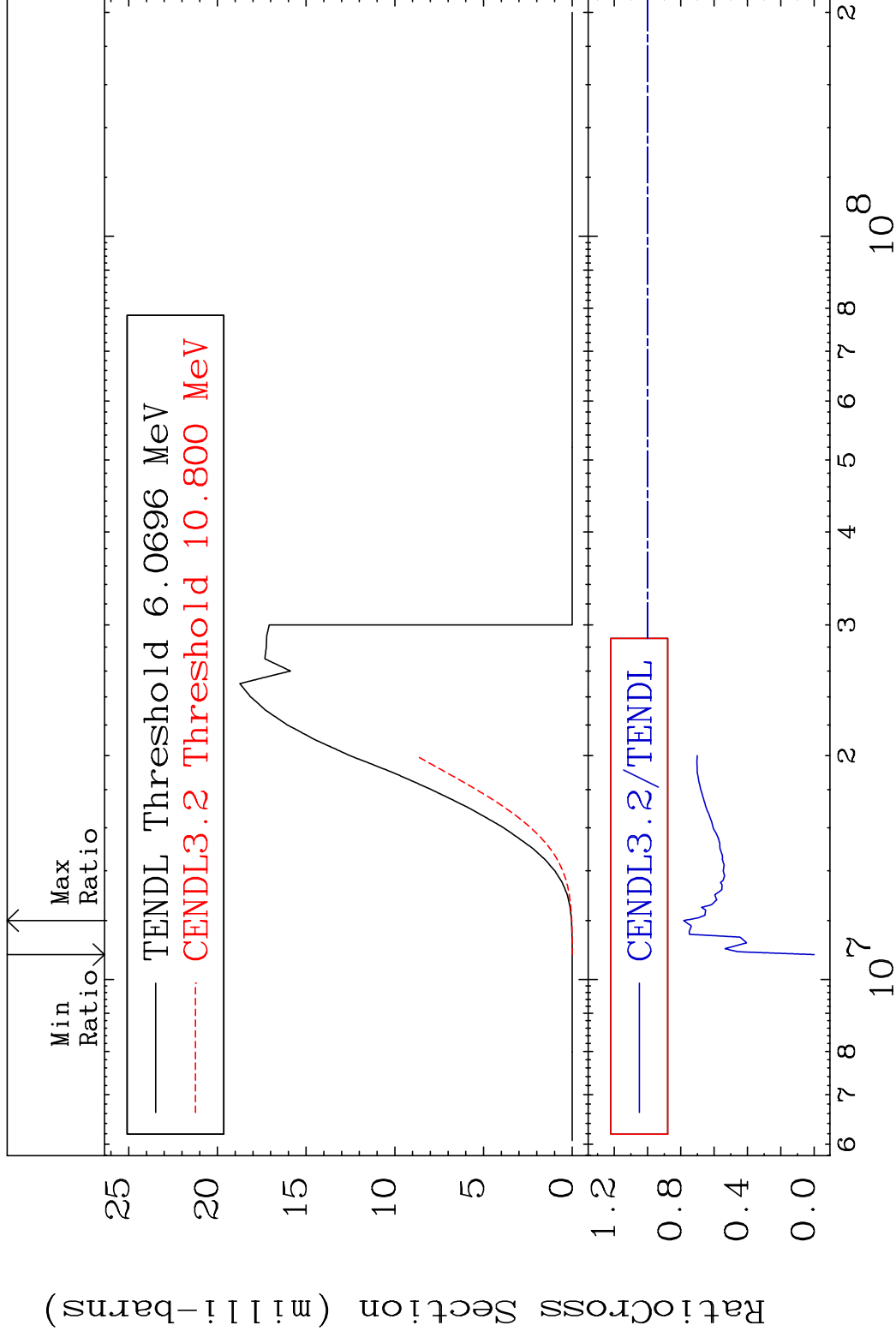
54-Xe-129

MAT 5440

(n, d)

54-Xe-129

Cross Section -100.0 To -21.70%



30

Incident Energy (eV)

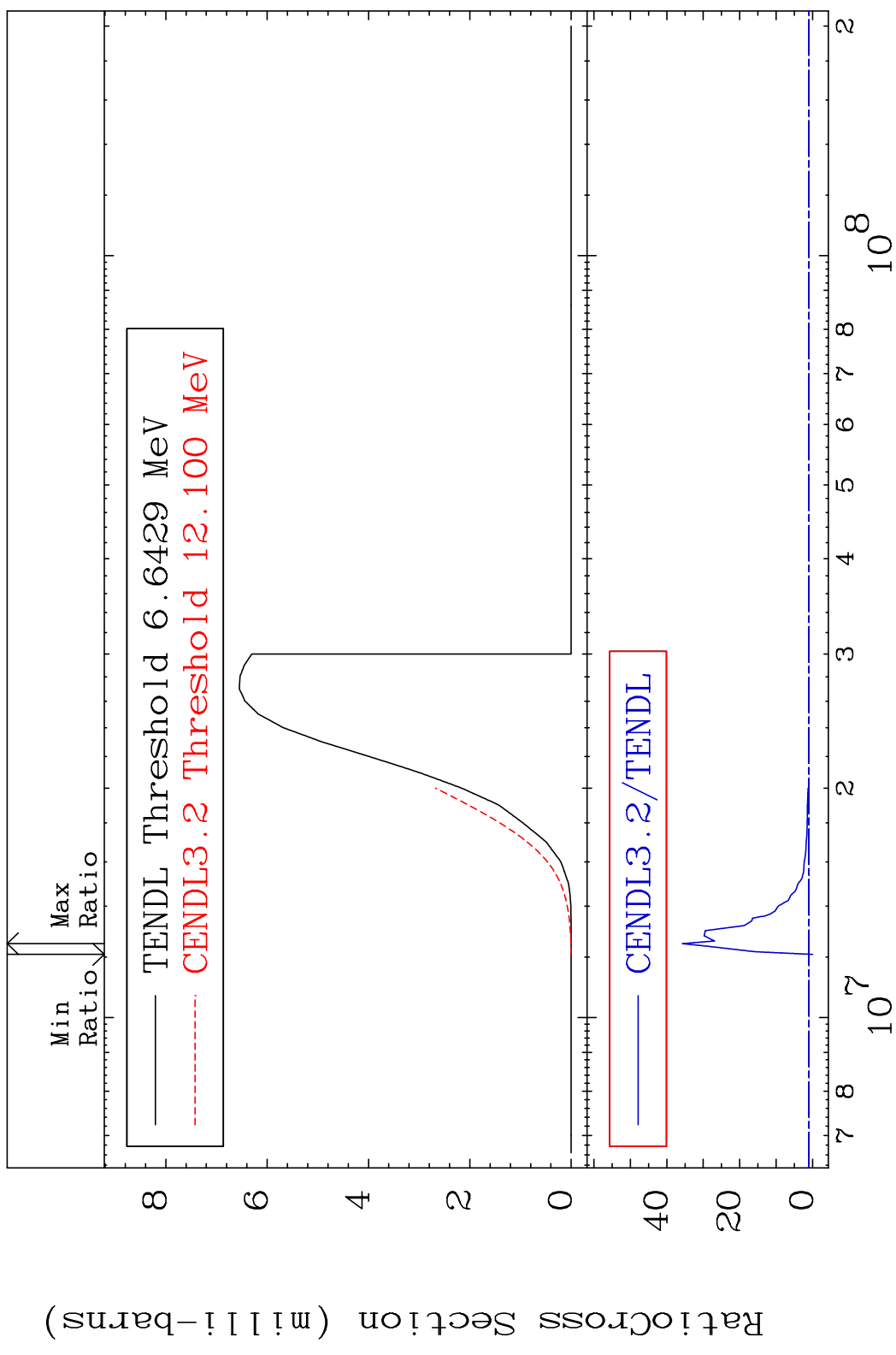
54-Xe-129

MAT 5440

(n, t)

54-Xe-129

Cross Section -100.0 To 3474. %

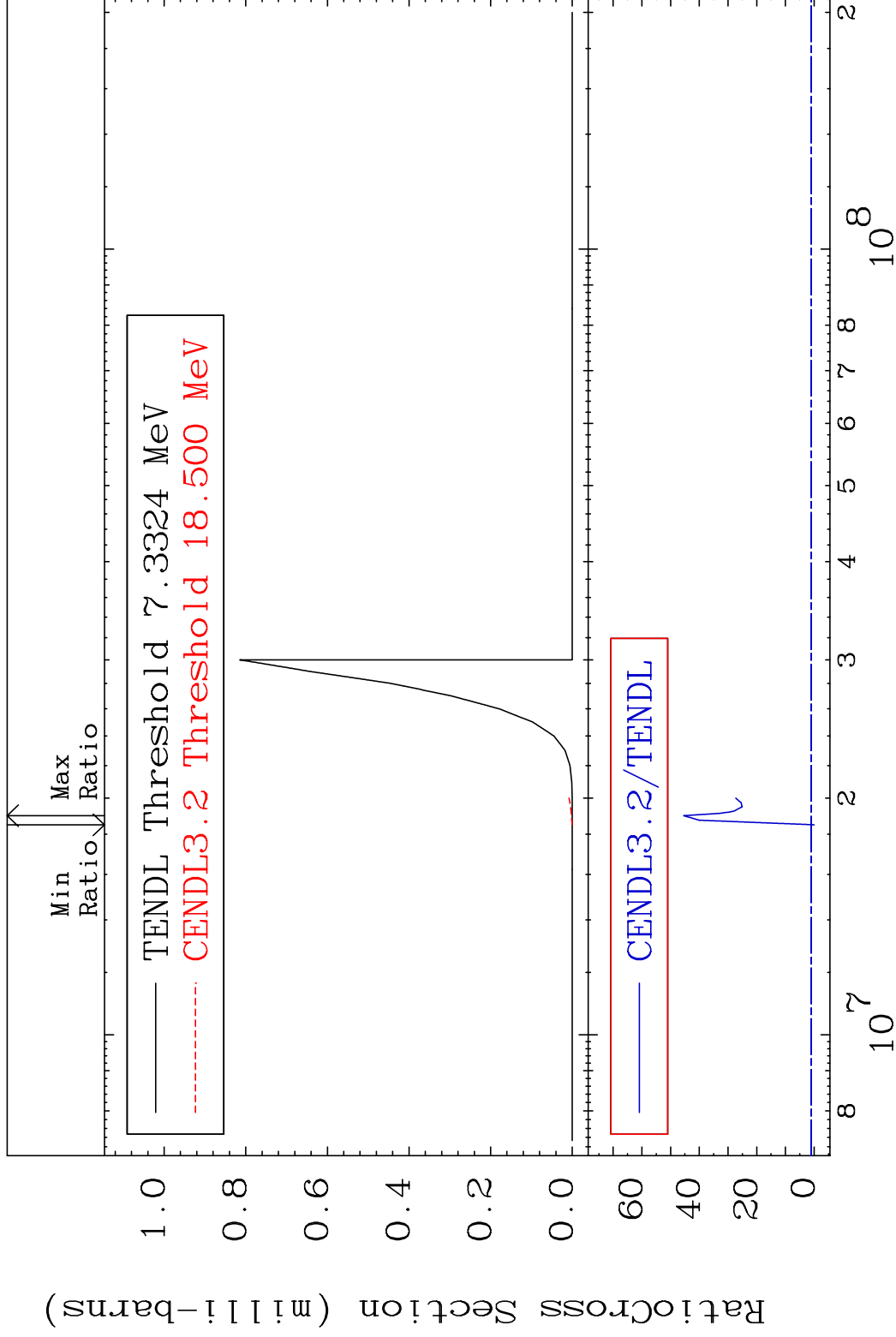


MAT 5440

(n, He-3)

54-Xe-129

Cross Section -100.0 To 4445. %



32

Incident Energy (eV)

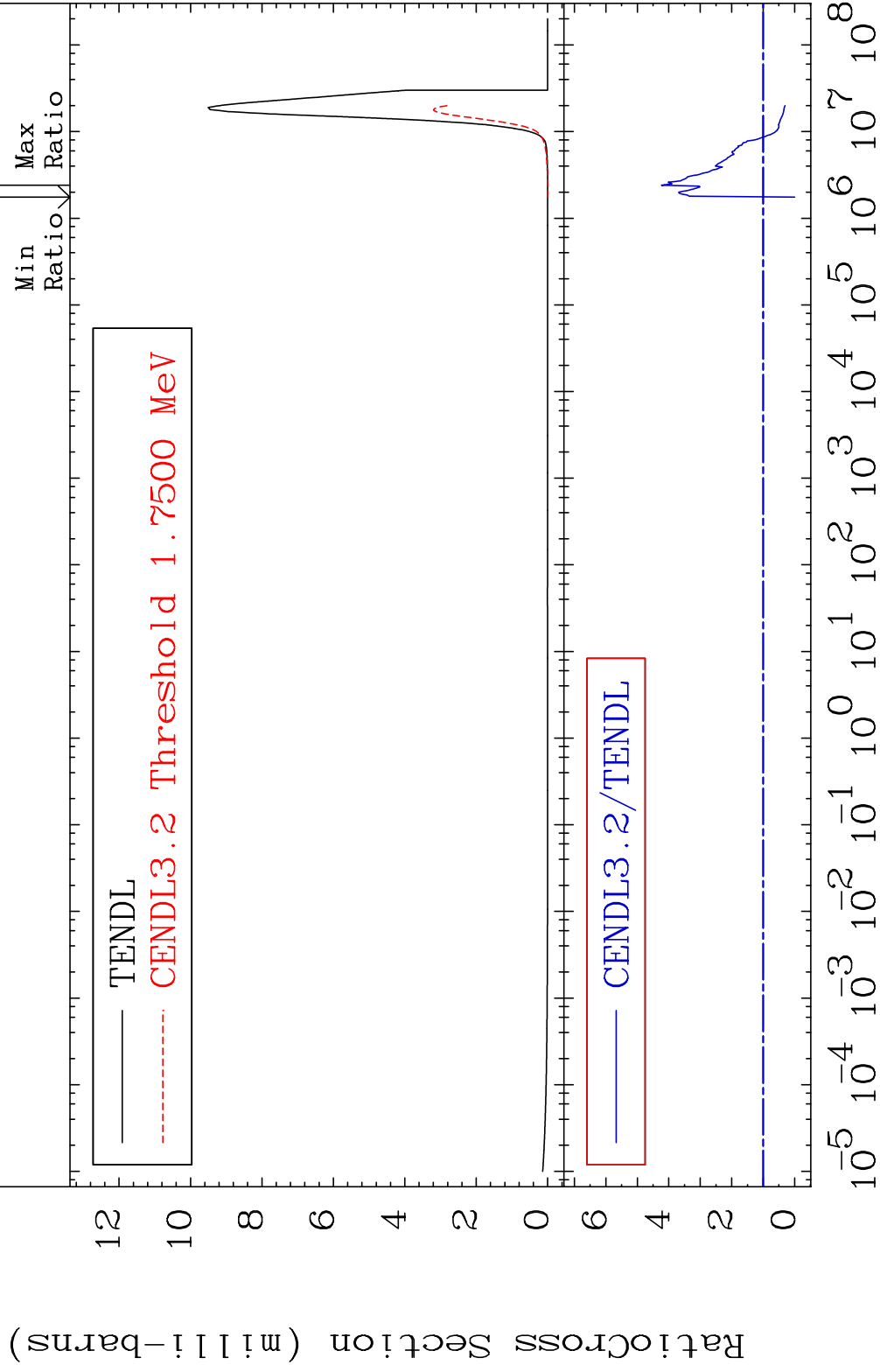
54-Xe-129

MAT 5440

(n,  $\alpha$ )

54-Xe-129

Cross Section -100.0 To 323.4 %



33

Incident Energy (eV)

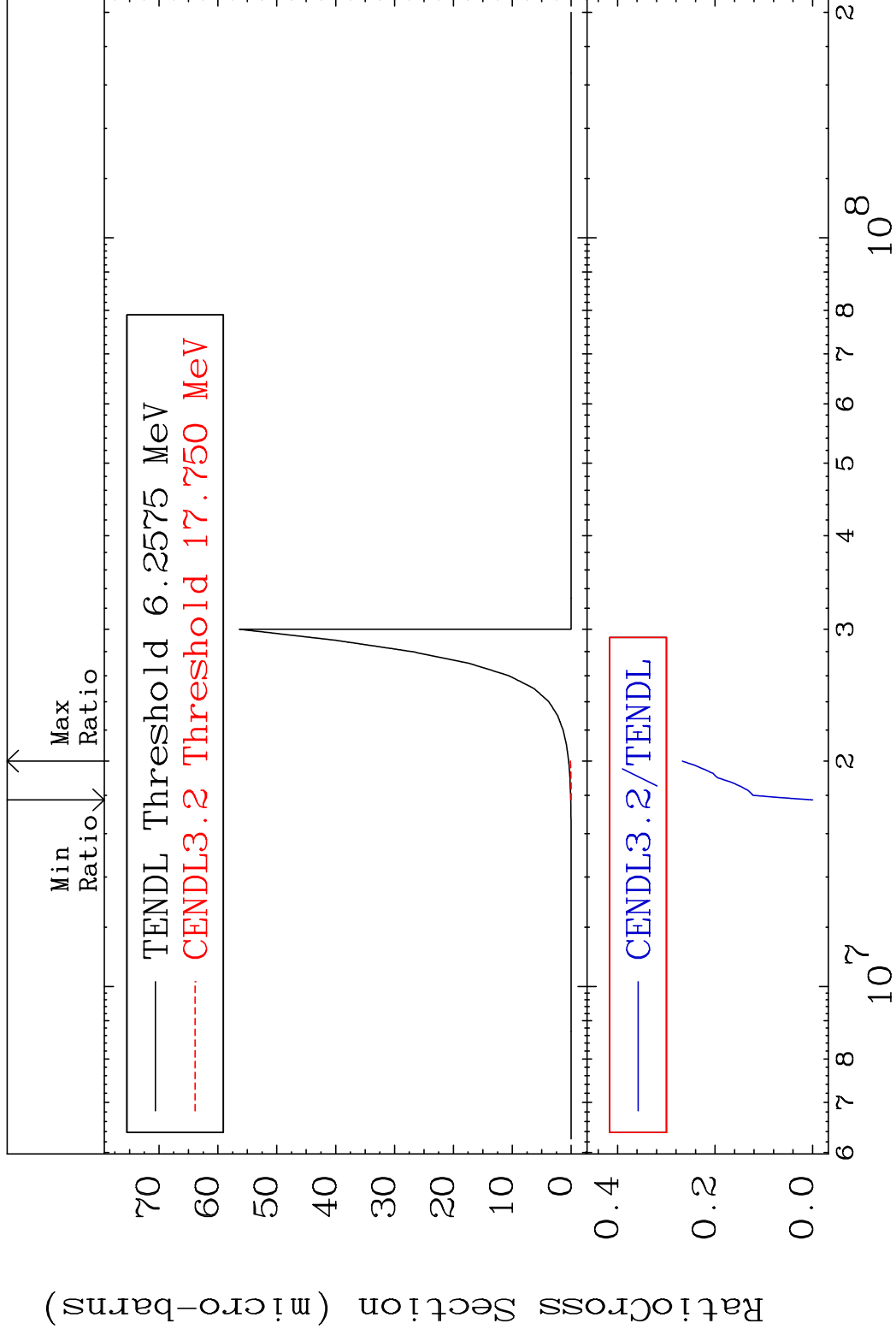
54-Xe-129

MAT 5440

(n,2p)

54-Xe-129

Cross Section -100.0 To -73.28%



34

Incident Energy (eV)

54-Xe-129

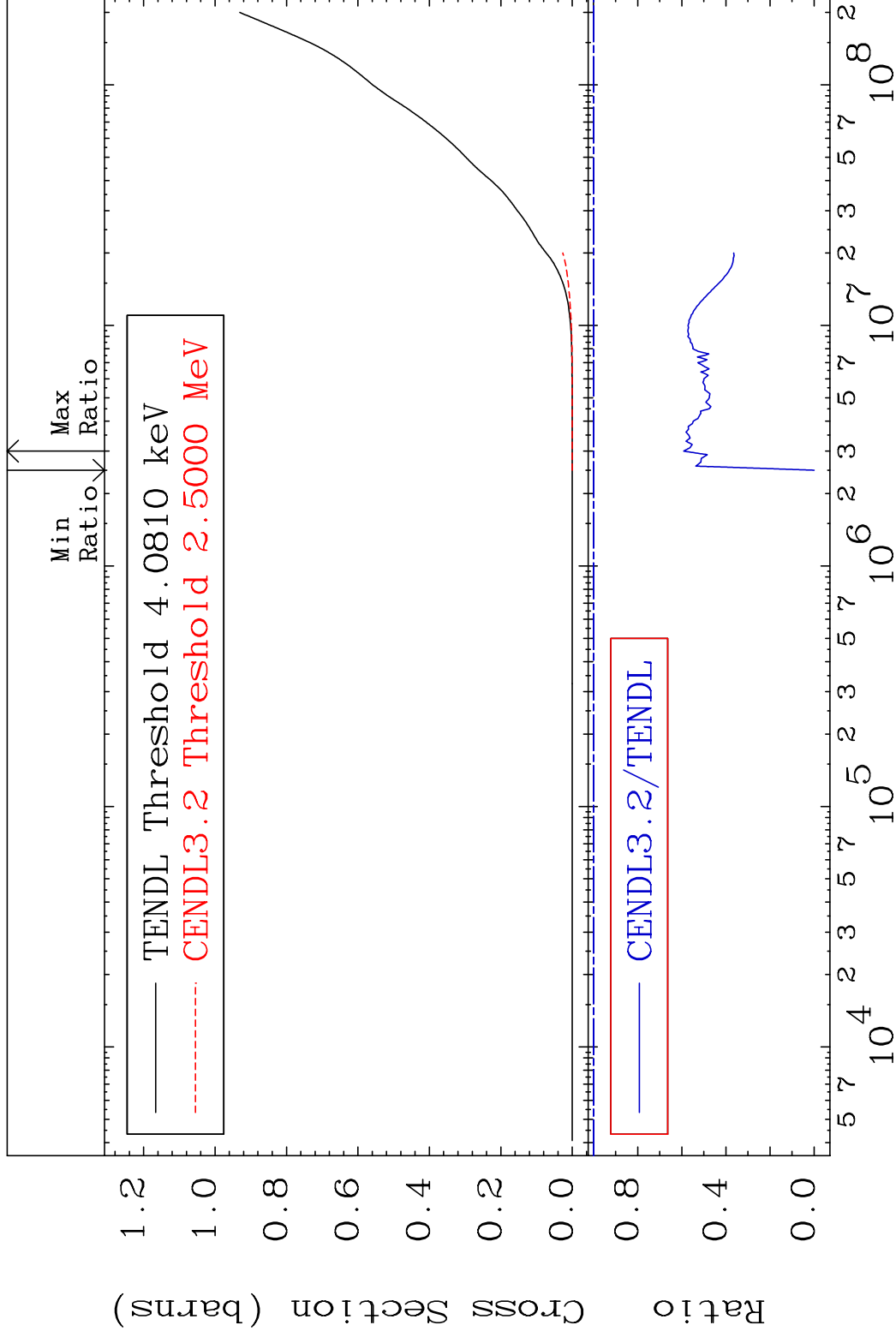
MAT 5440

Hydrogen Production

54-Xe-129

Cross Section

-100.0 To -40.85%



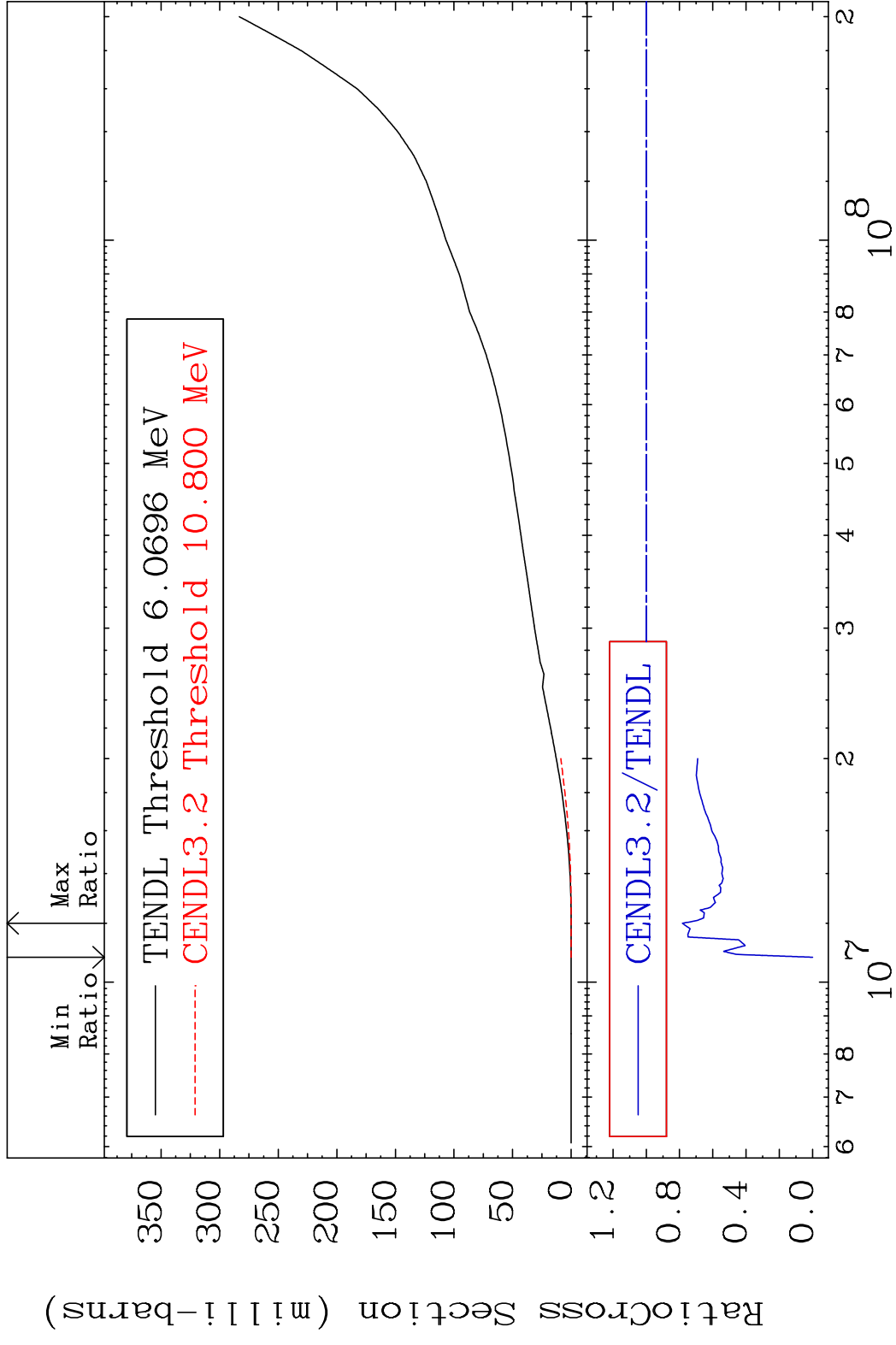
35

Incident Energy (eV)

54-Xe-129

MAT 5440

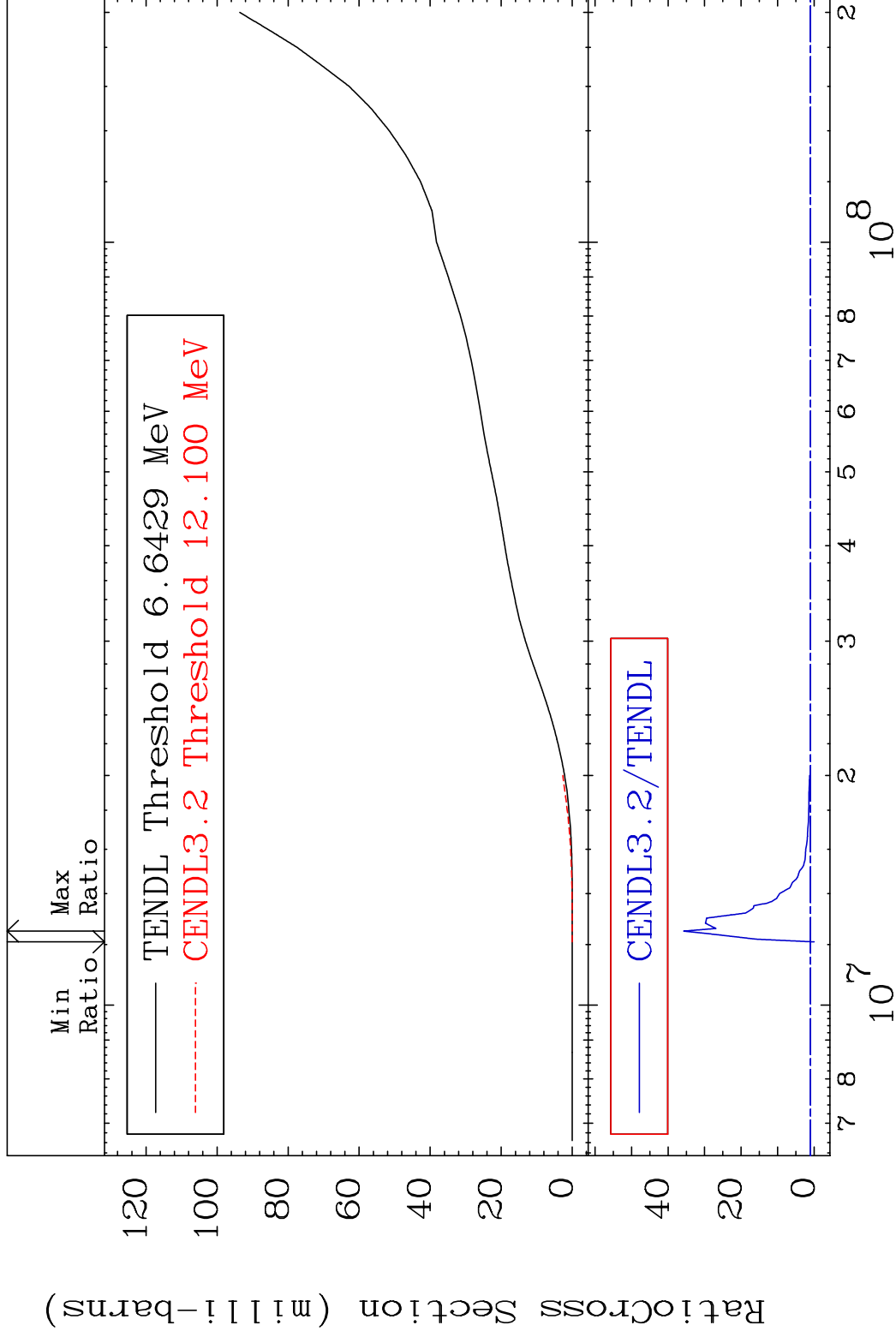
Deuterium Production 54-Xe-129  
Cross Section -100.0 To -21.70%



MAT 5440

Tritium Production 54-Xe-129

Cross Section -100.0 To 3474. %



37

Incident Energy (eV)

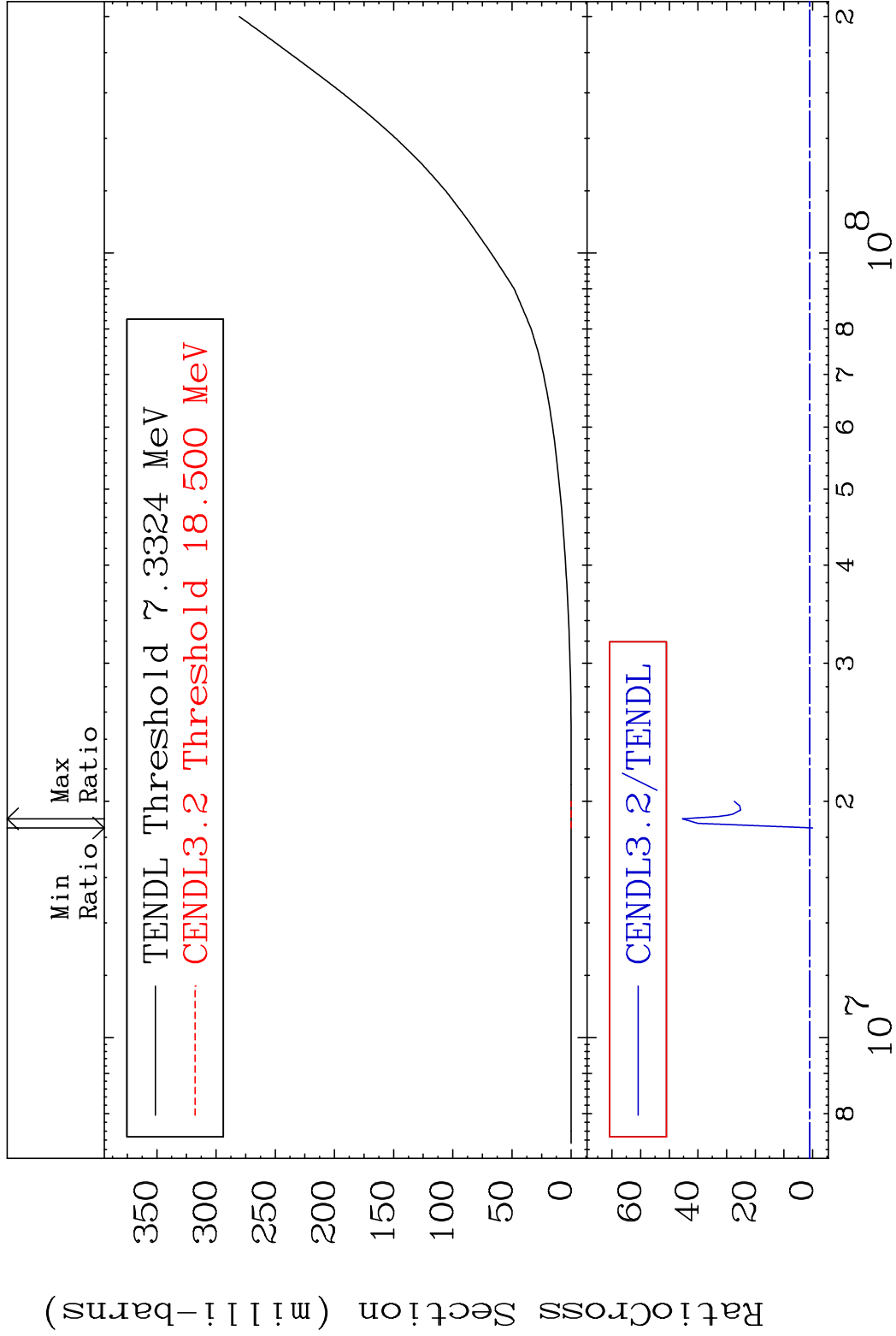
54-Xe-129

MAT 5440

He-3 Production

54-Xe-129

Cross Section -100.0 To 4445. %

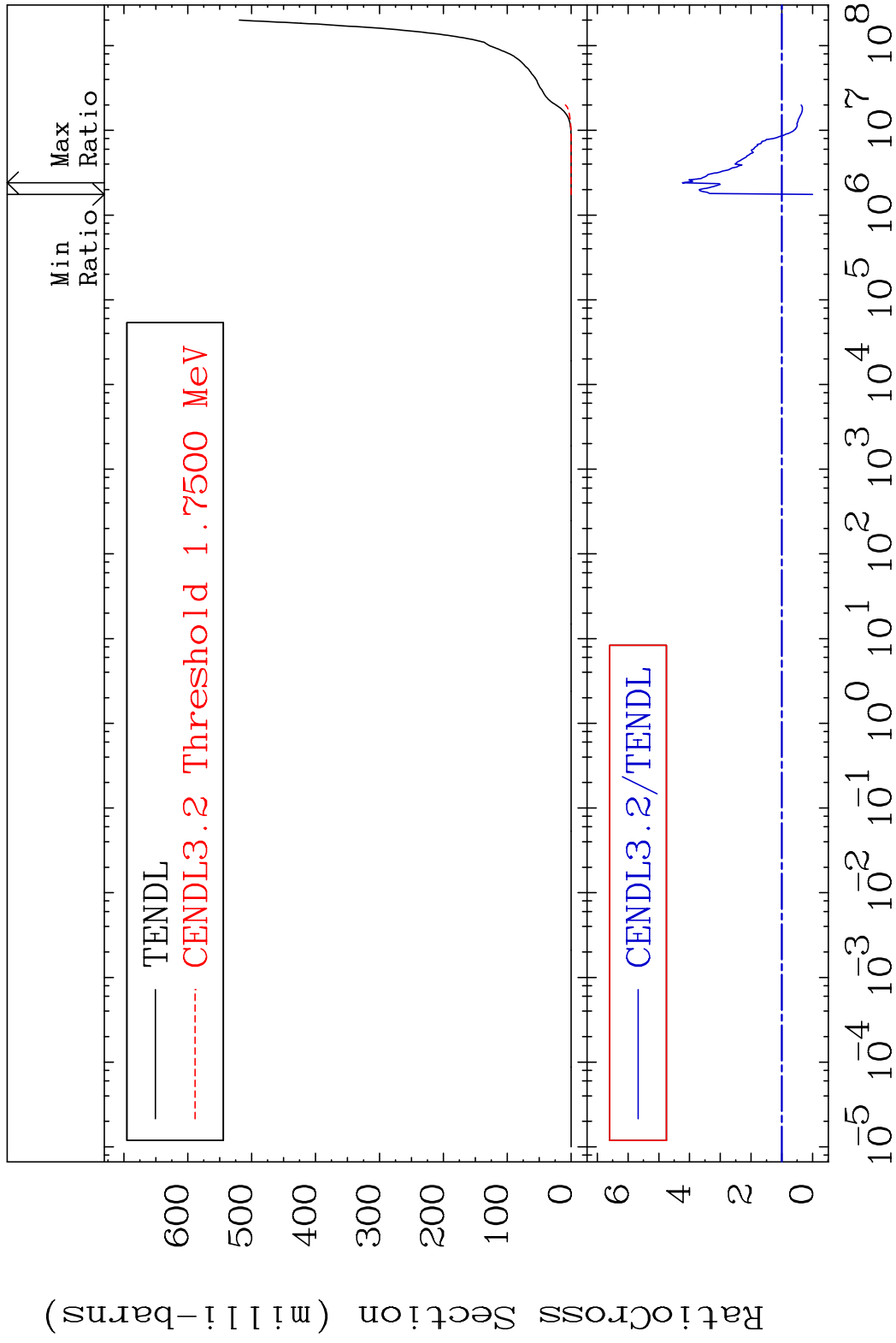


MAT 5440

He-4 Production

54-Xe-129

Cross Section -100.0 To 323.4 %

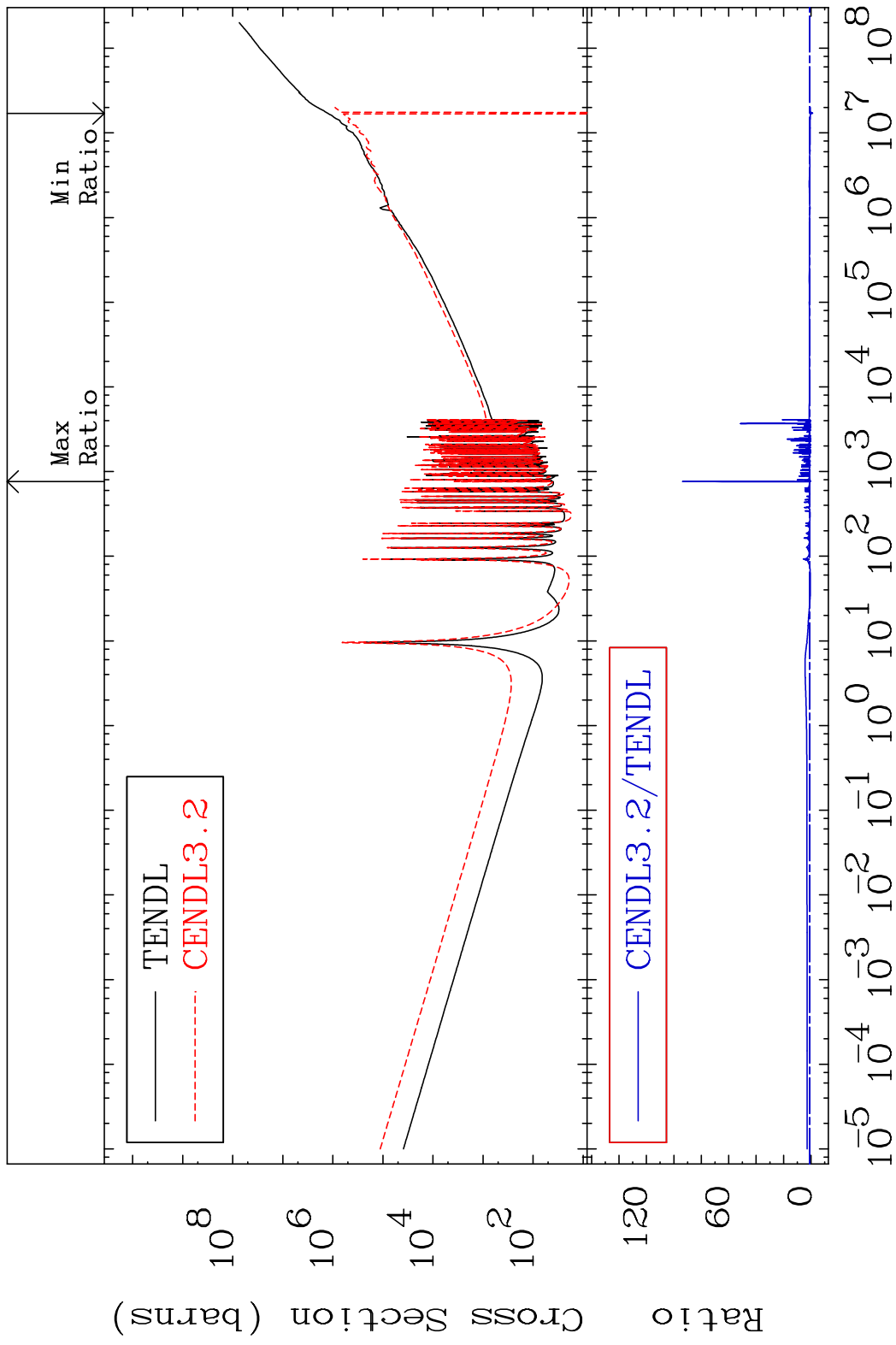


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Incident Energy (eV)

54-Xe-129

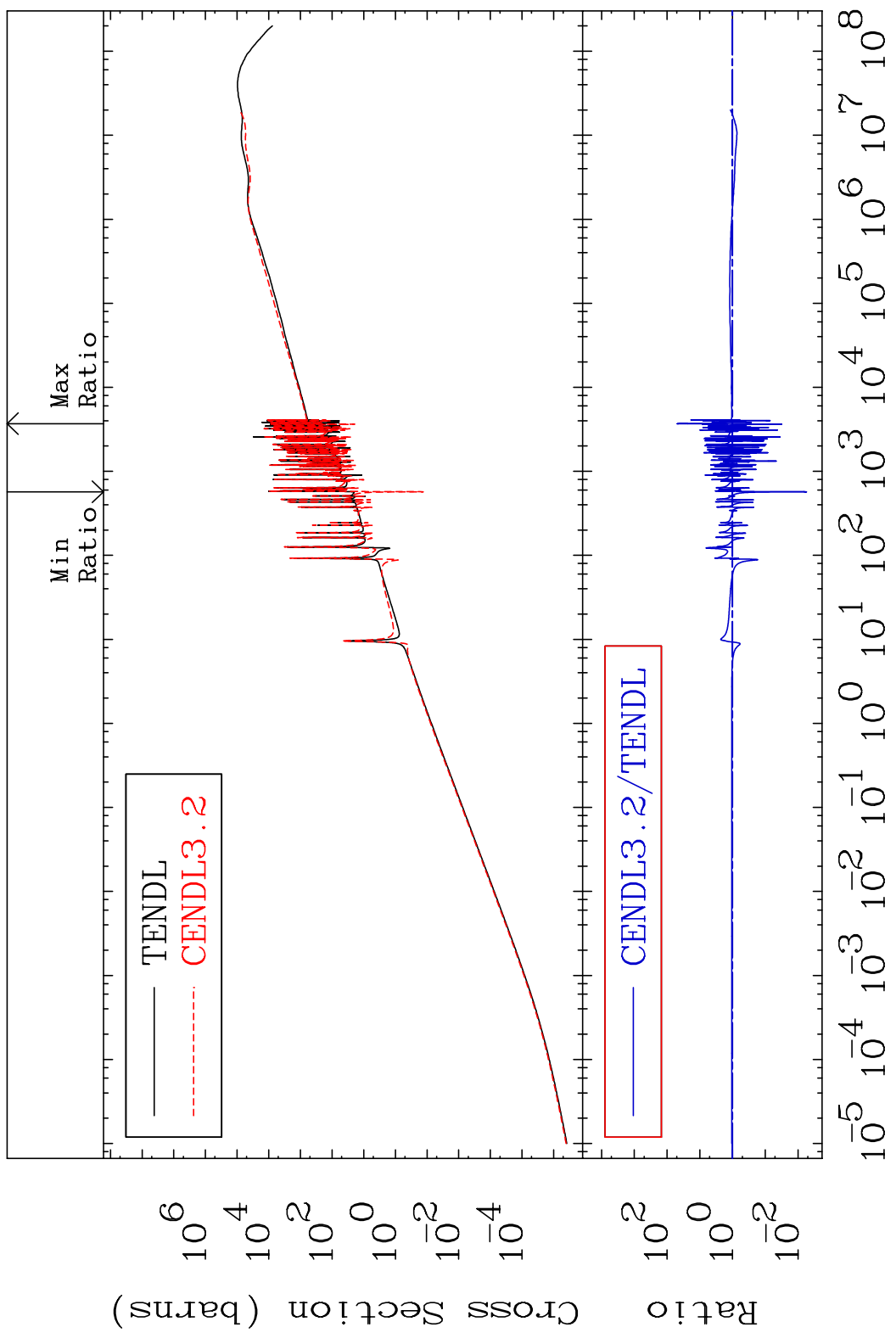
MAT 5440 Kerma total (eV-barns) 54-Xe-129  
 Cross Section -212.8 To 9279. %



40 Incident Energy (eV) 54-Xe-129

MAT 5440

Kerma elastic Cross Section -99.45 To 4793. %  
54-Xe-129

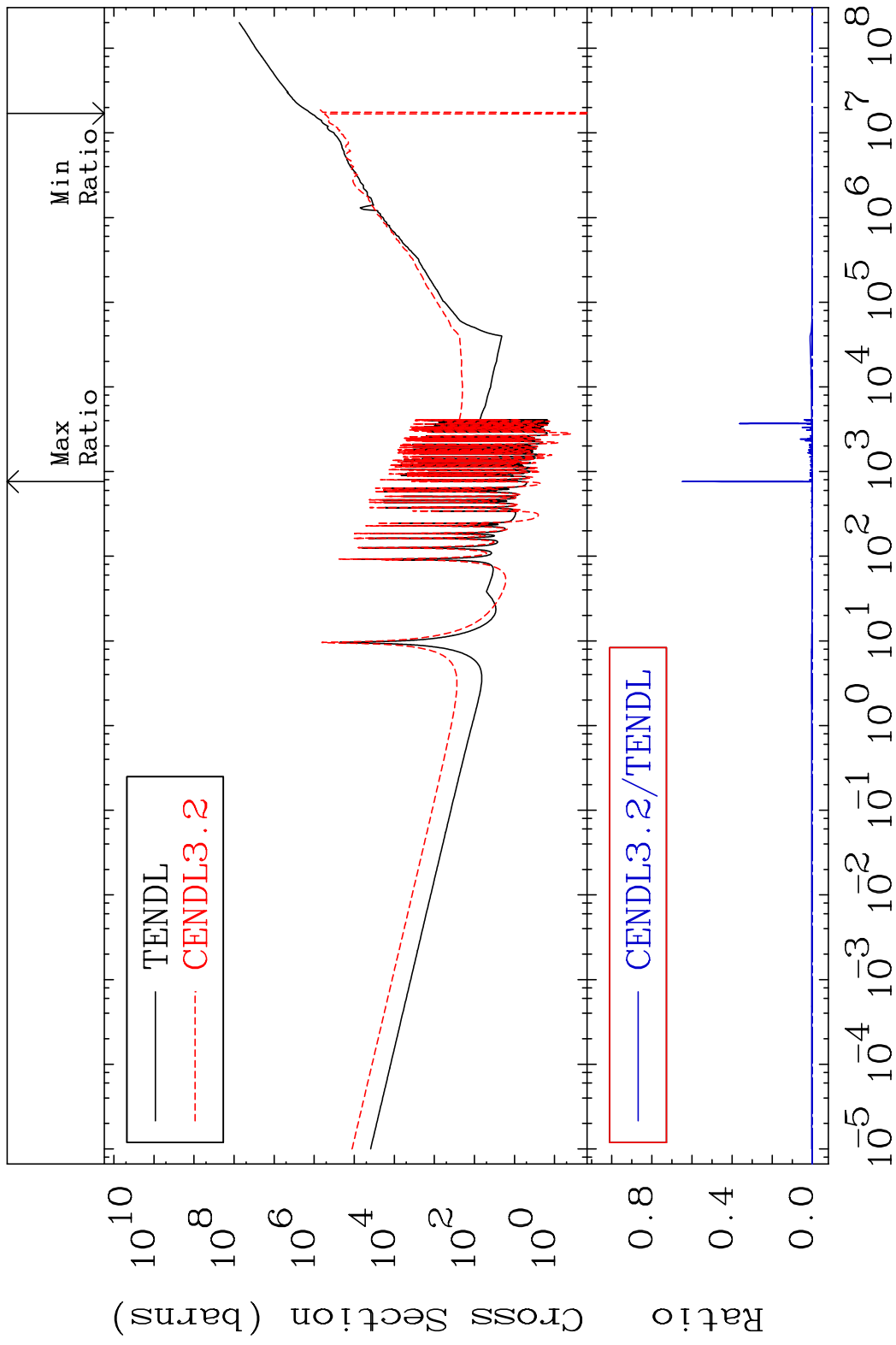


41

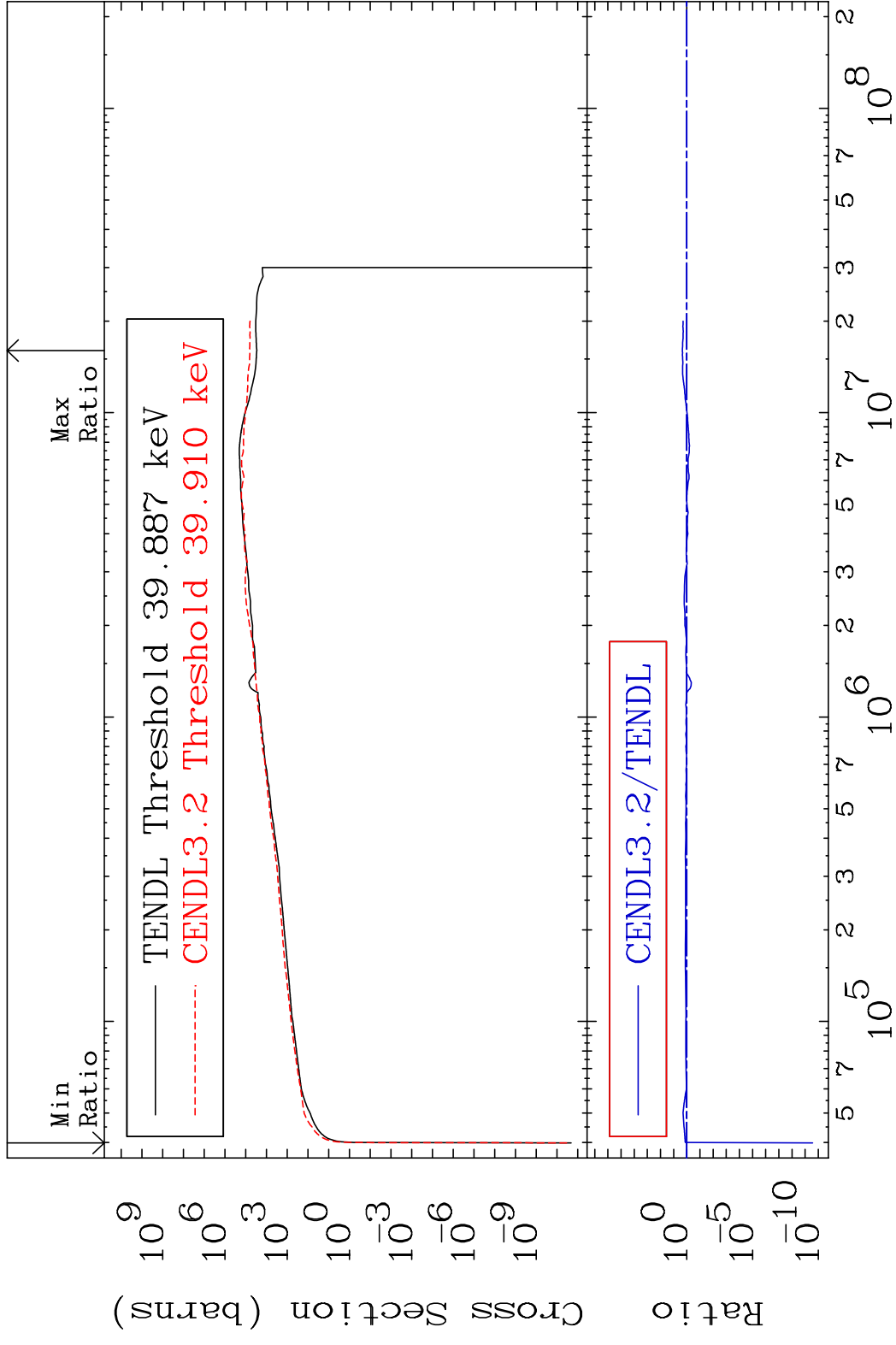
Incident Energy (eV)

54-Xe-129

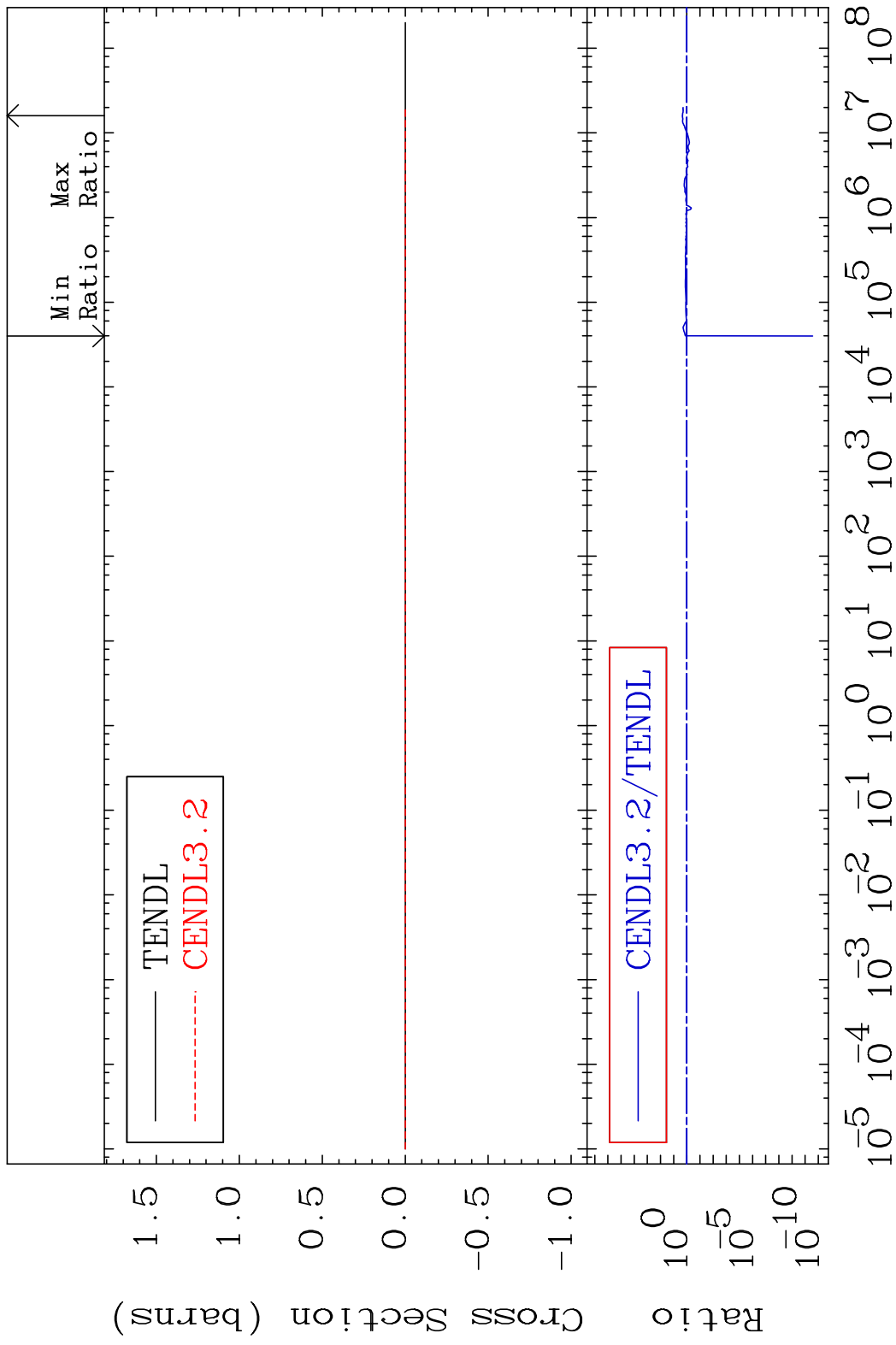
MAT 5440 Kerma non-elastic (all but mt2) 54-Xe-129  
 Cross Section -225.0 To 9999. %



MAT 5440 Kerma inelastic (mt51-91) 54-Xe-129  
 Cross Section -100.0 To 118.6 %

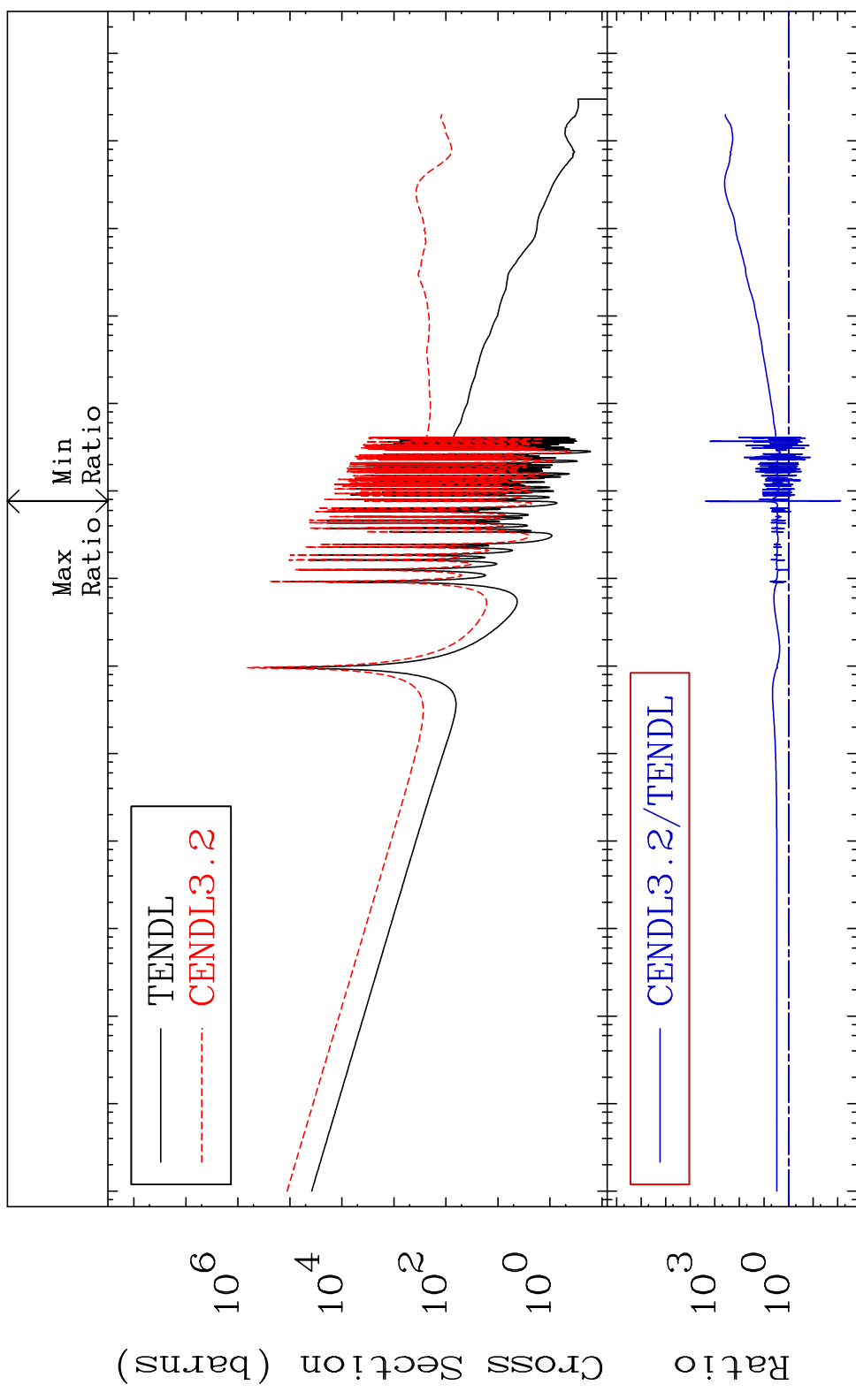


MAT 5440 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-129  
 Cross Section -100.0 To 118.6 %



MAT 5440

Kerma capture (mt102) 54-Xe-129  
Cross Section -99.23 To 9999. %



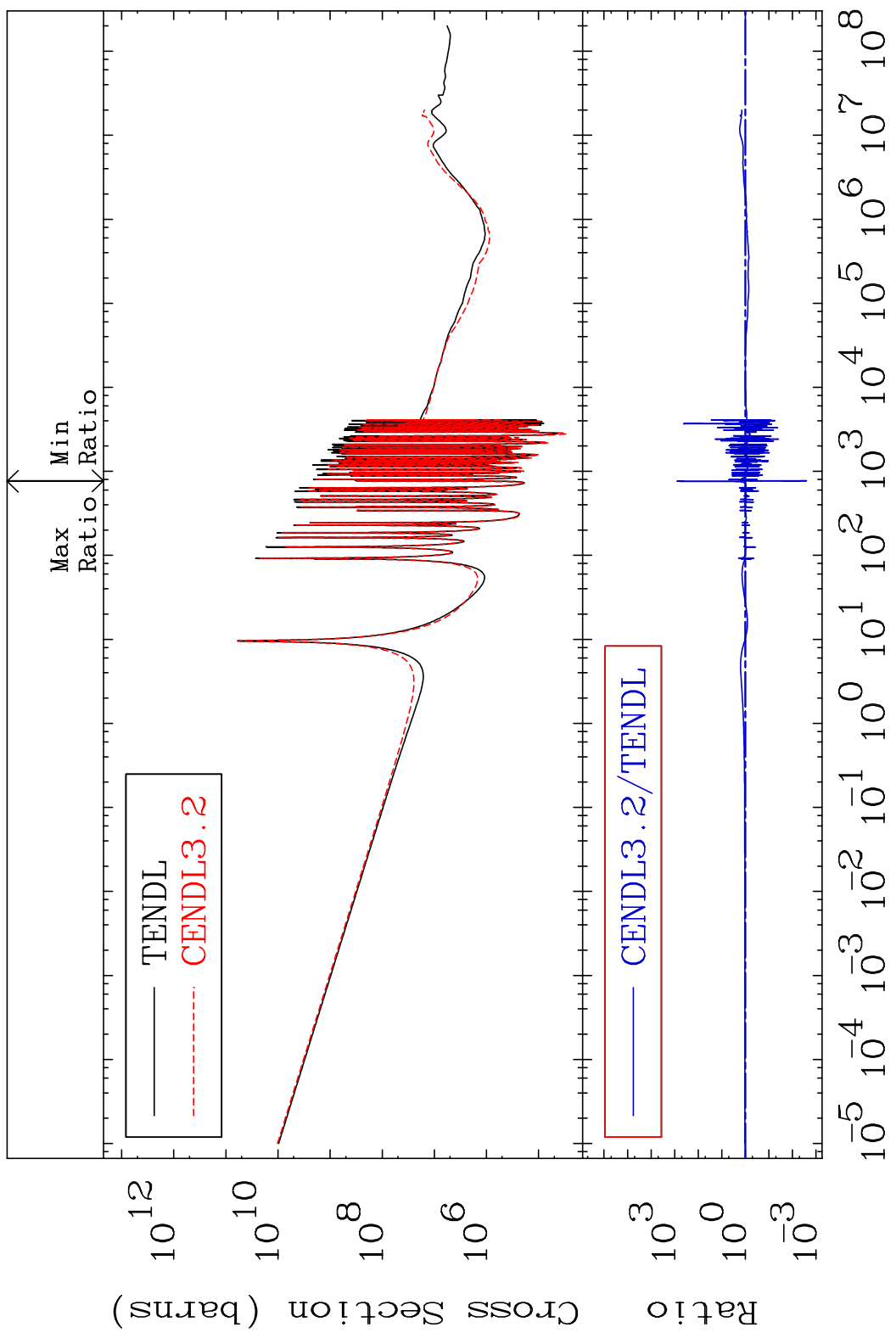
45

Incident Energy (eV)

54-Xe-129

MAT 5440

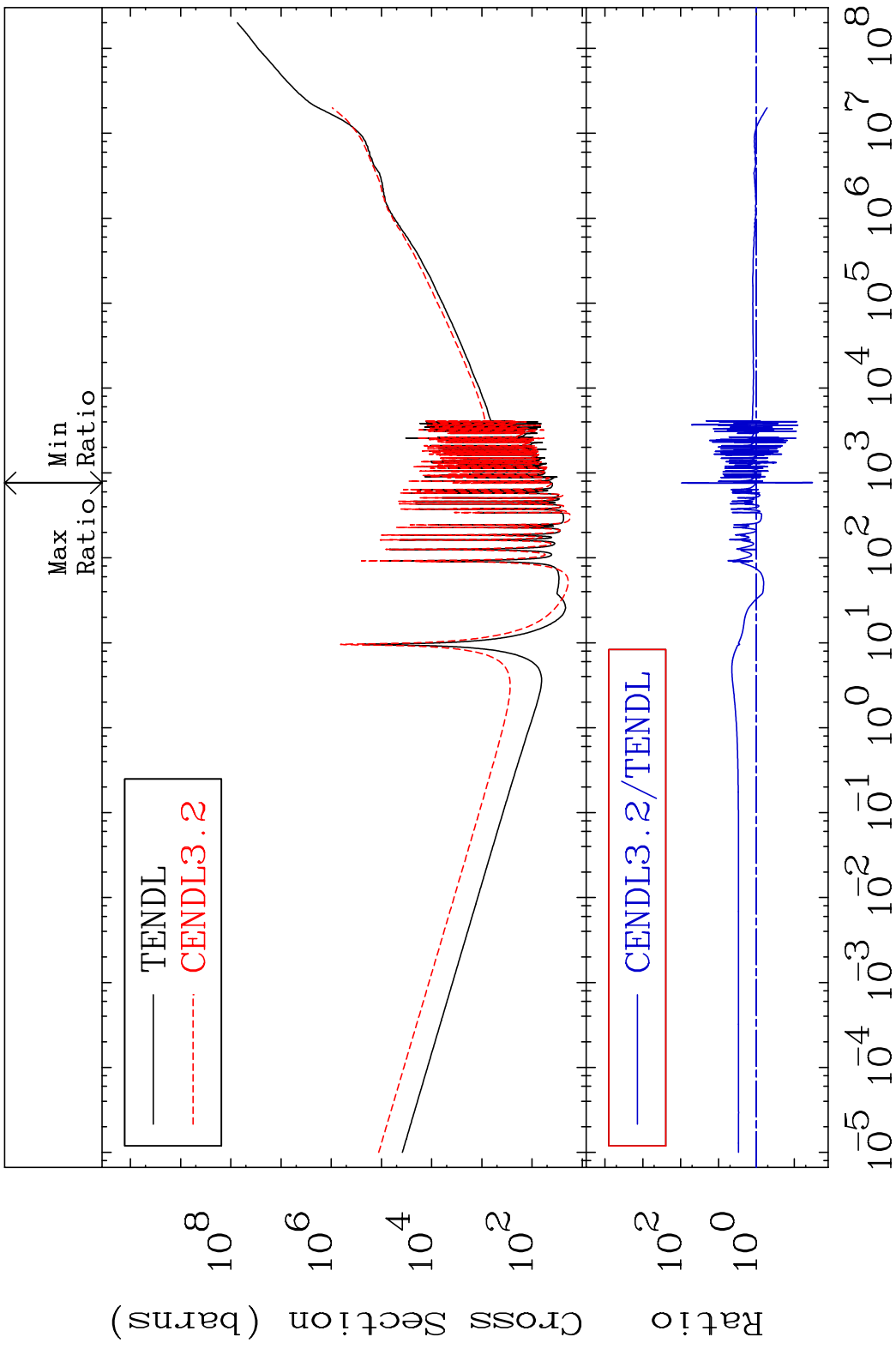
Total photon (eV-barns) 54-Xe-129  
Cross Section -99.74 To 9999. %



46

Incident Energy (eV) 54-Xe-129

MAT 5440 Total kinematic kerma (high limit) 54-Xe-129  
 Cross Section -96.66 To 9276. %

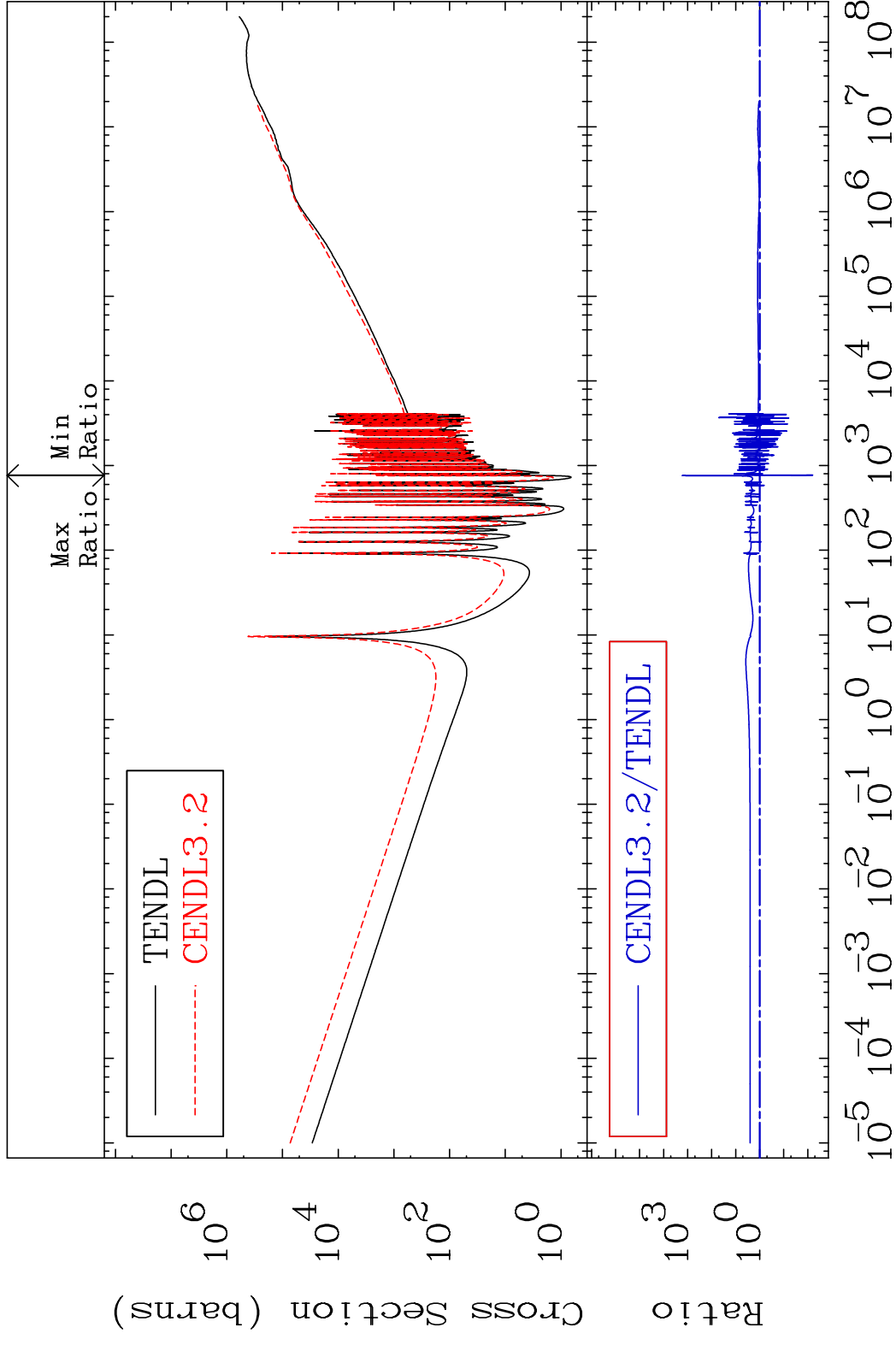


MAT 5440

Dpa total (eV-barns)

54-Xe-129

Cross Section -99.37 To 9999. %



48

Incident Energy (eV)

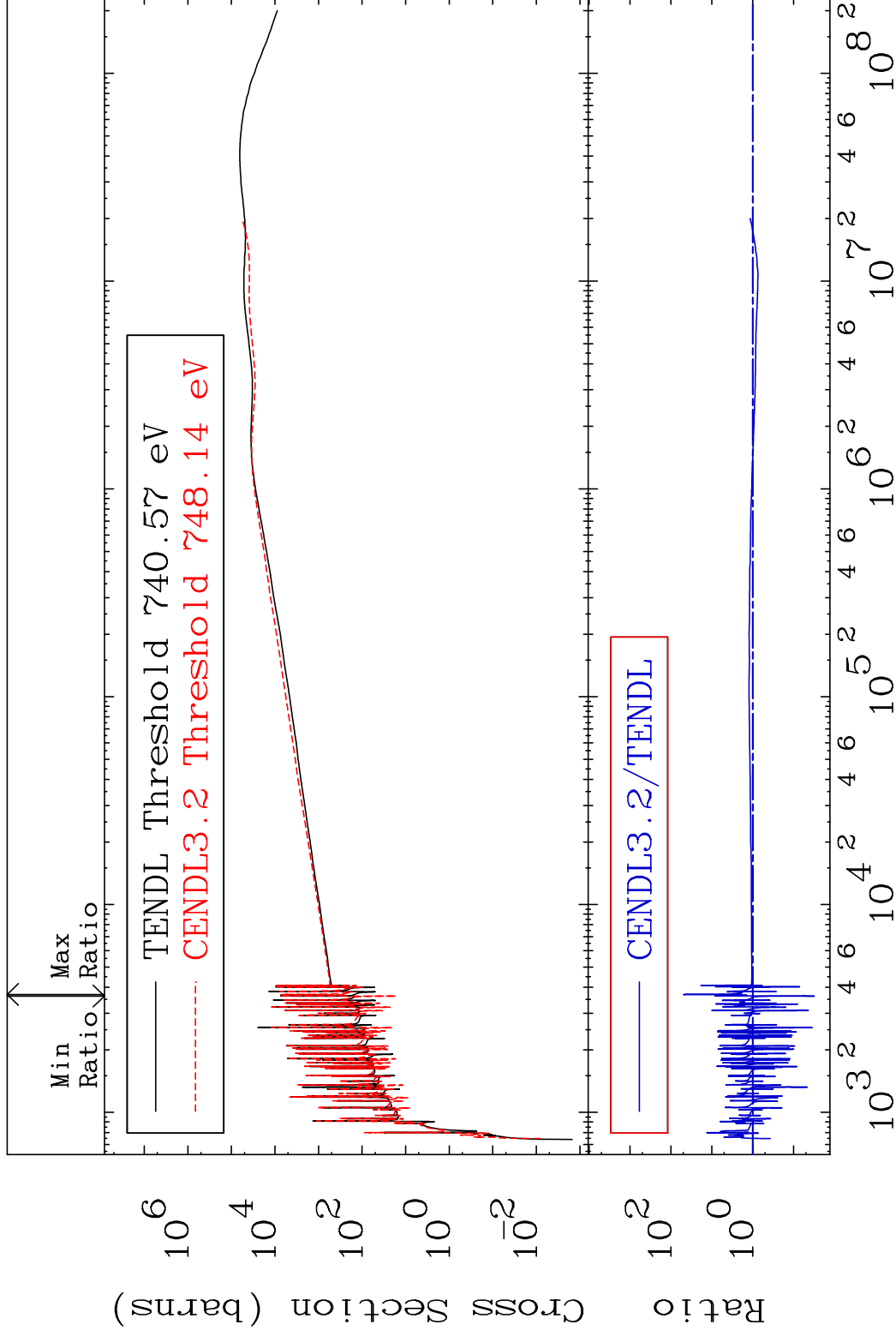
54-Xe-129

MAT 5440

Dpa elastic (mt2)

54-Xe-129

Cross Section -96.86 To 4781. %

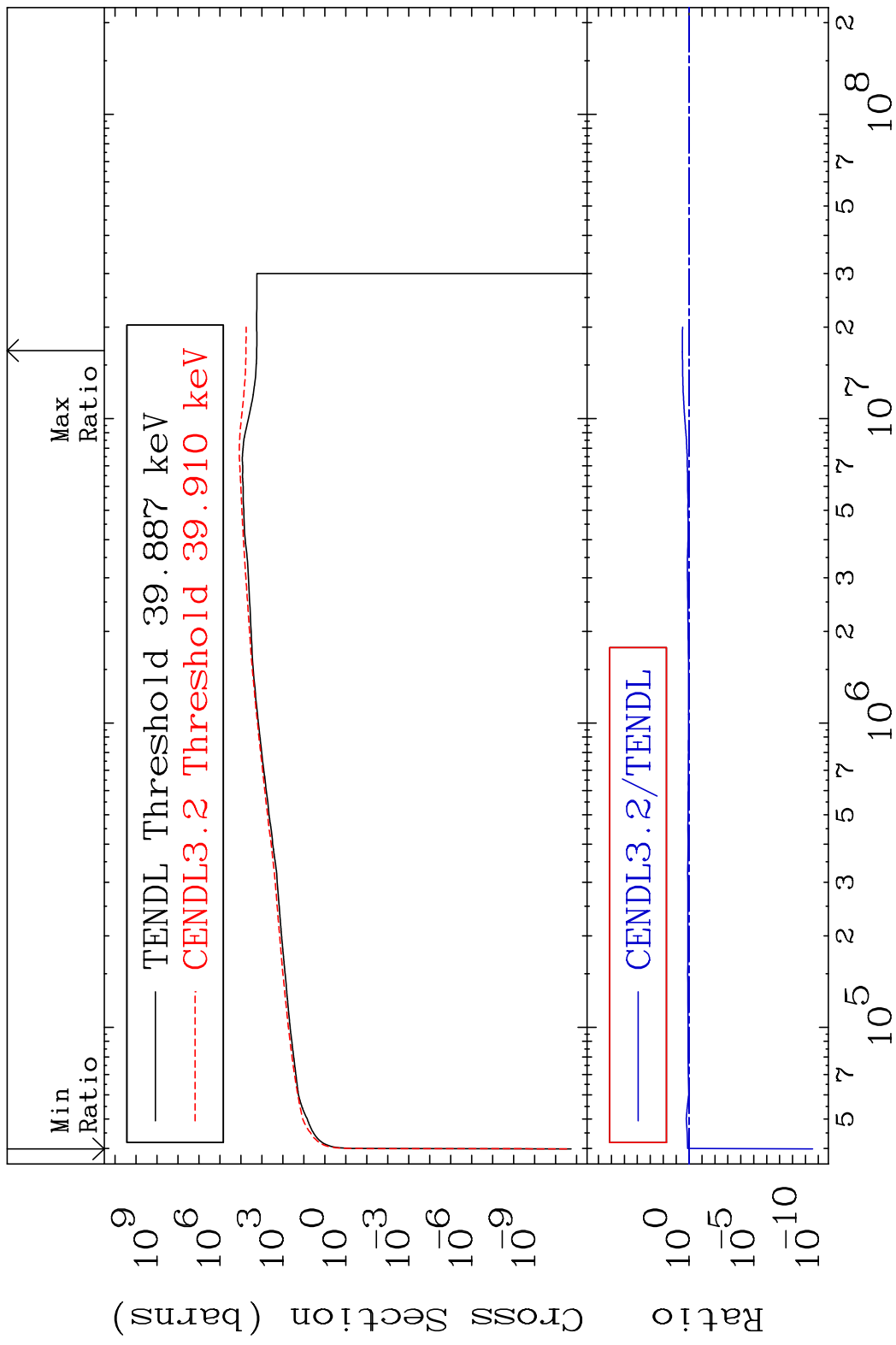


49

Incident Energy (eV)

54-Xe-129

MAT 5440 Dpa inelastic (mt51-91) 54-Xe-129  
 Cross Section -100.0 To 230.7 %



MAT 5440 Dpa disappearance (mt102 -120) 54-Xe-129  
 Cross Section -99.39 To 9999. %

