

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

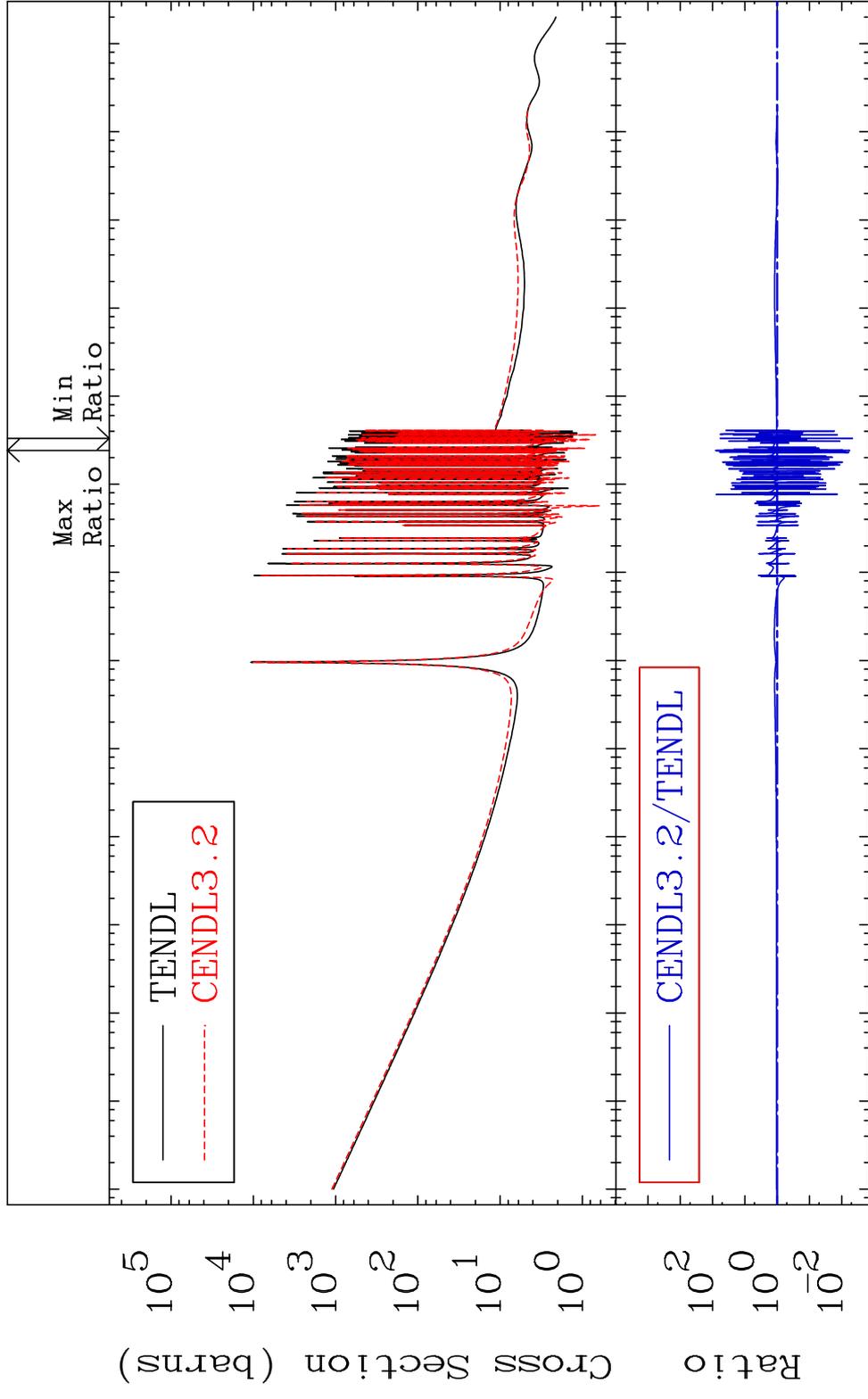
MAT 5440

Total

54-Xe-129

Cross Section

-99.54 To 7776. %



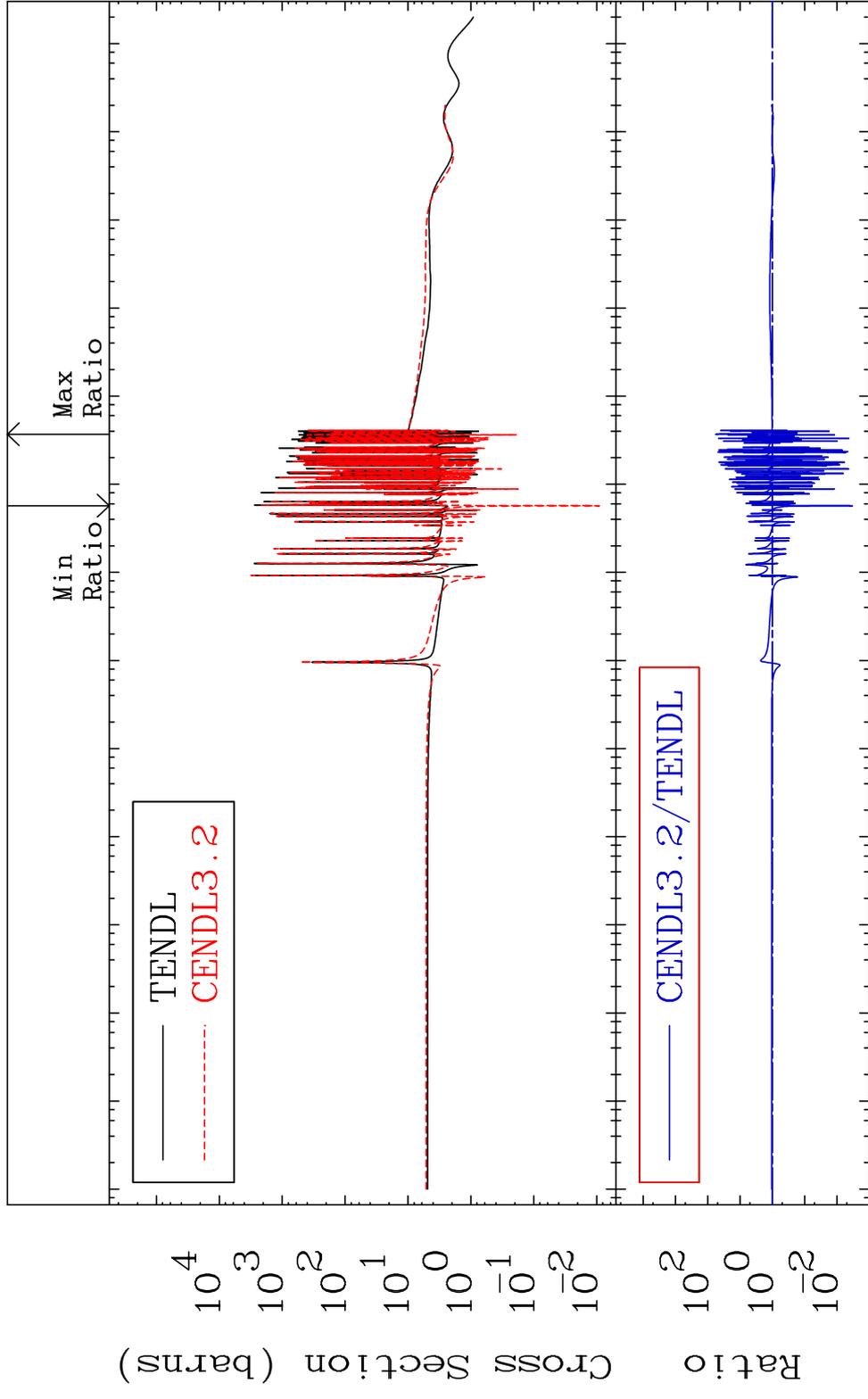
1

Incident Energy (eV)

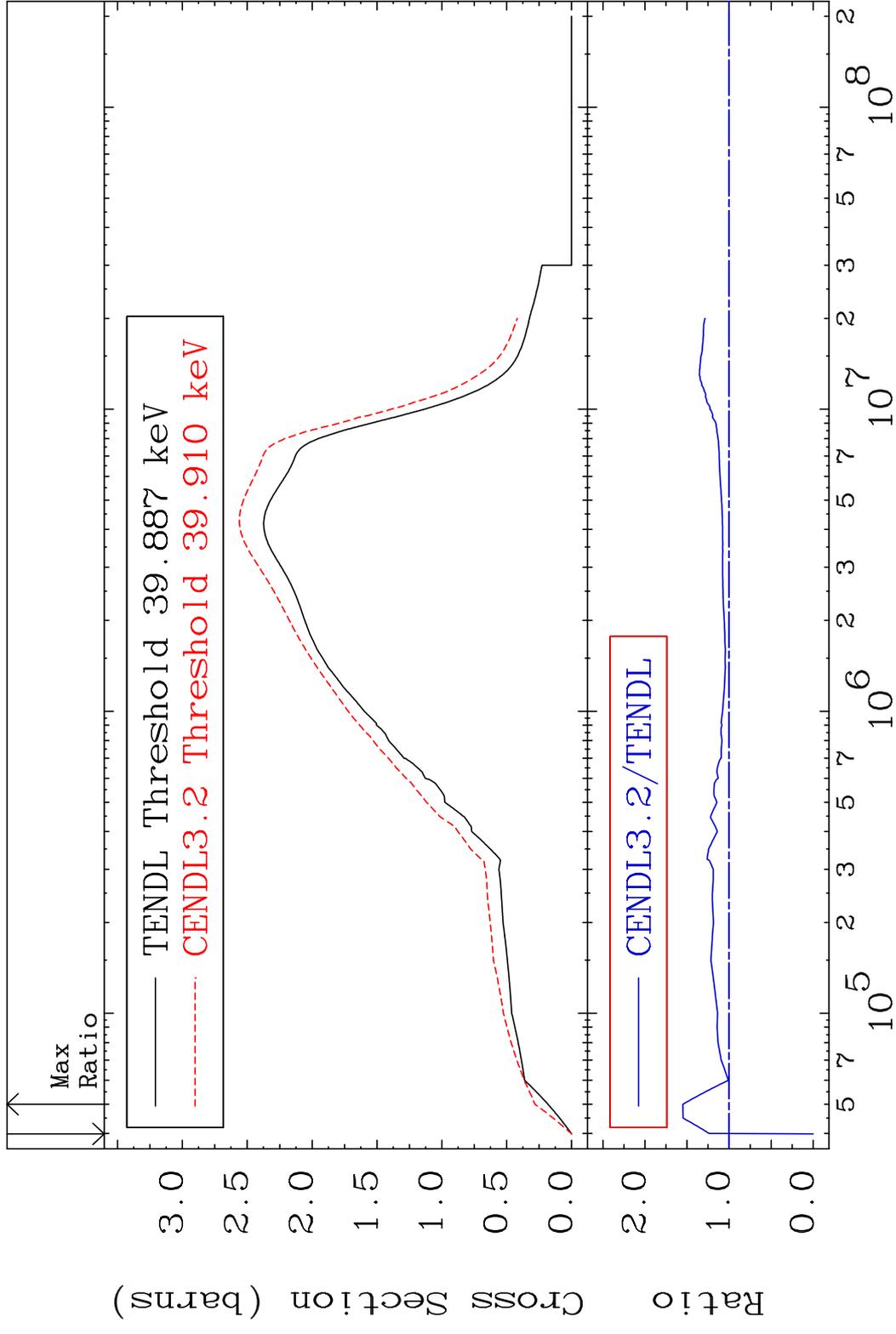
54-Xe-129

MAT 5440

Elastic Cross Section -99.67 To 5510. %  
54-Xe-129



MAT 5440 Inelastic 54-Xe-129  
 Cross Section -100.0 To 55.01 %

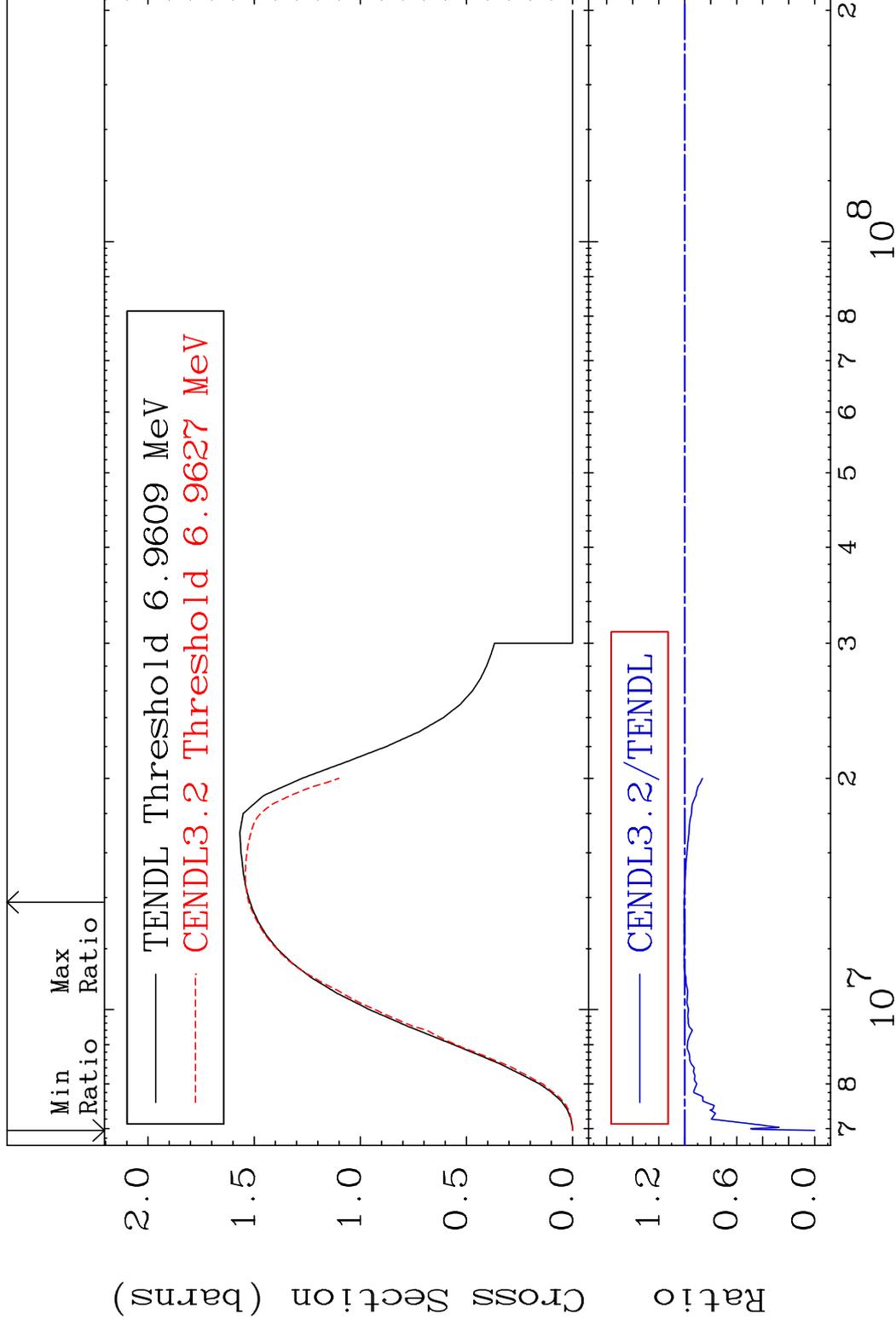


MAT 5440

(n,2n)

54-Xe-129

Cross Section -100.0 To 0.432 %



4

Incident Energy (eV)

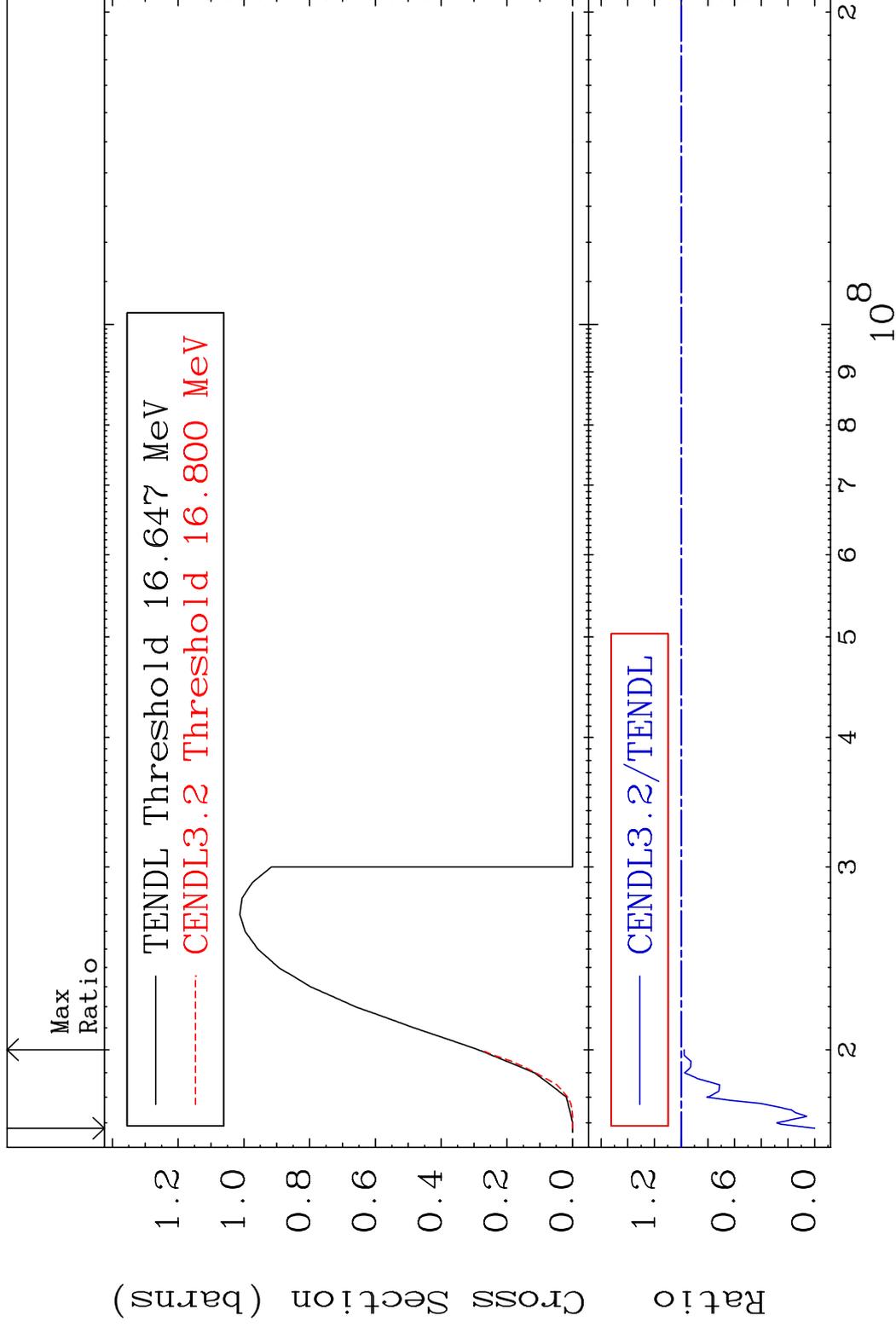
54-Xe-129

MAT 5440

(n,3n)

54-Xe-129

Cross Section -100.0 To -2.220%

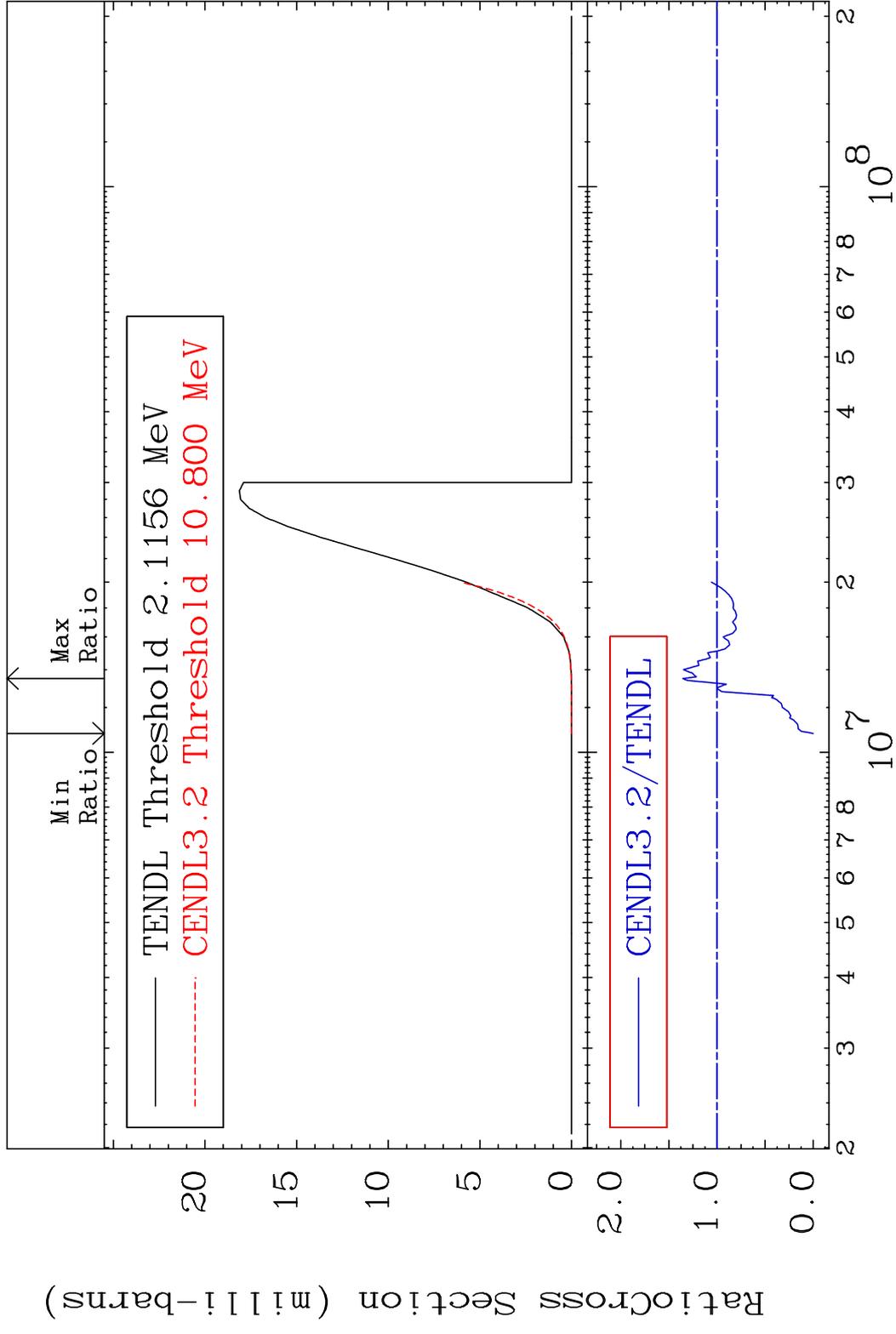


5

Incident Energy (eV)

54-Xe-129

MAT 5440 (n, n')  $\alpha$  54-Xe-129  
 Cross Section -100.0 To 35.46 %

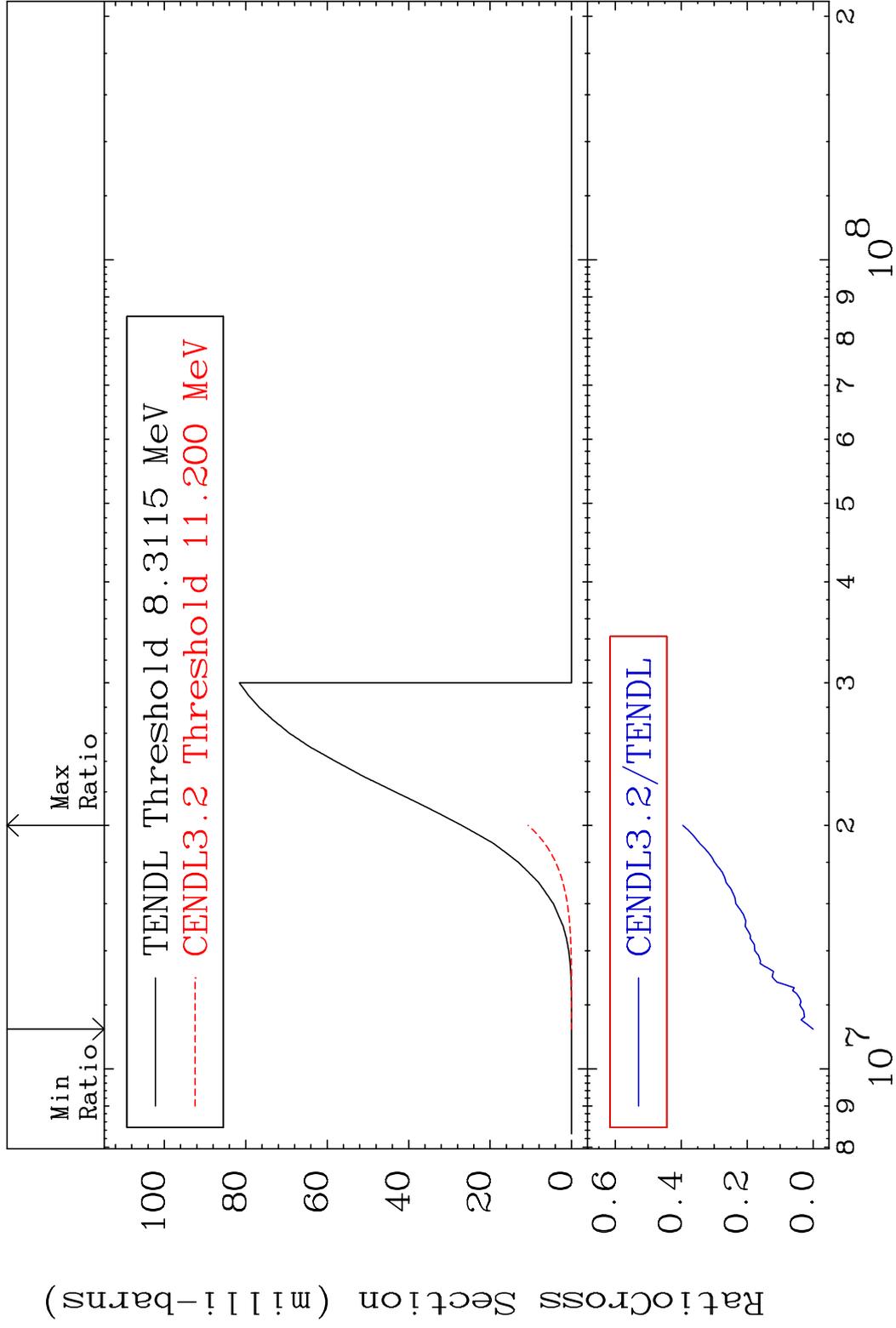


MAT 5440

(n, n') p

54-Xe-129

Cross Section -100.0 To -60.49%

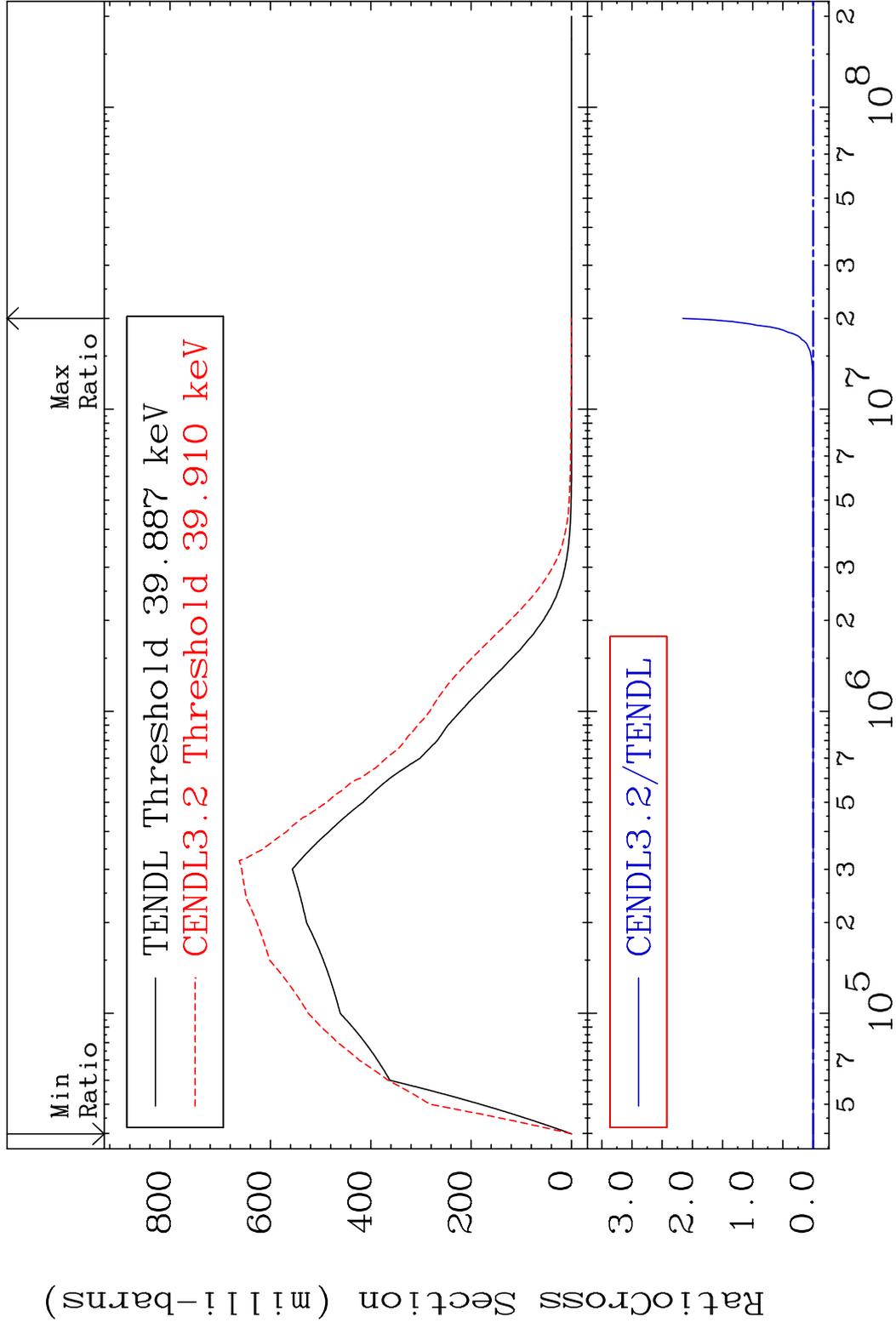


7

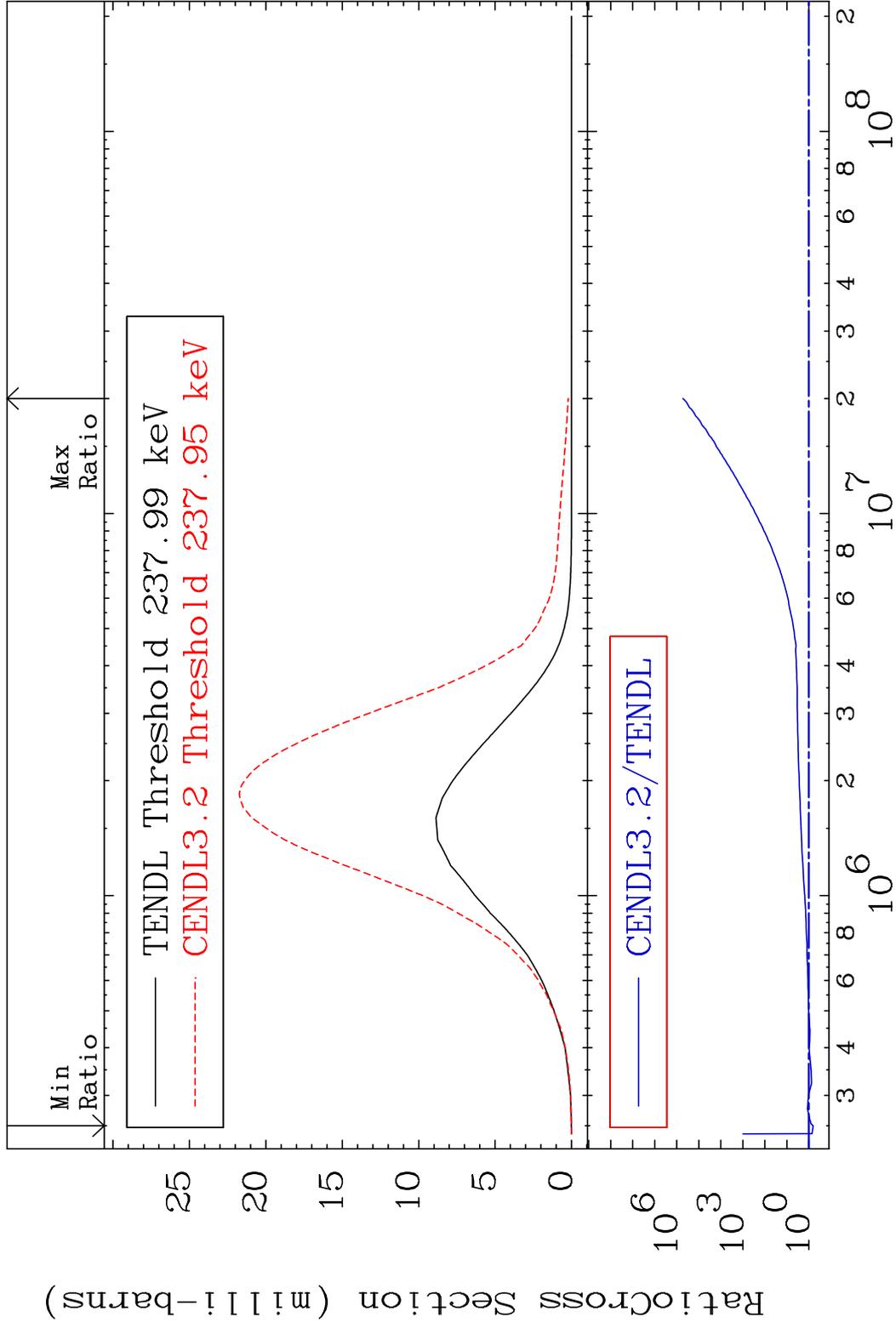
Incident Energy (eV)

54-Xe-129

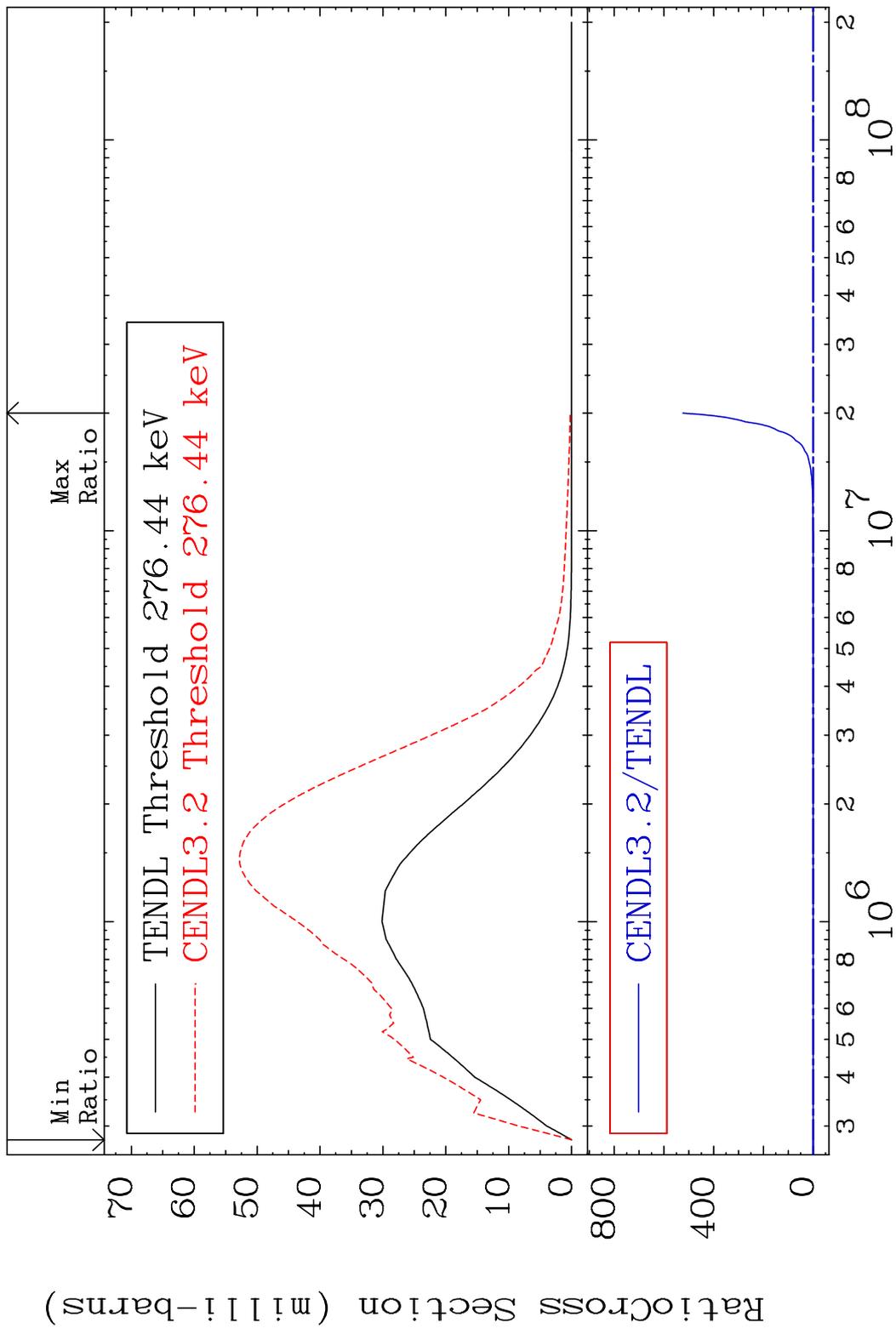
MAT 5440 MT= 51 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



MAT 5440 MT= 52 (n, n') Level 54-Xe-129  
 Cross Section -35.62 To 9999. %

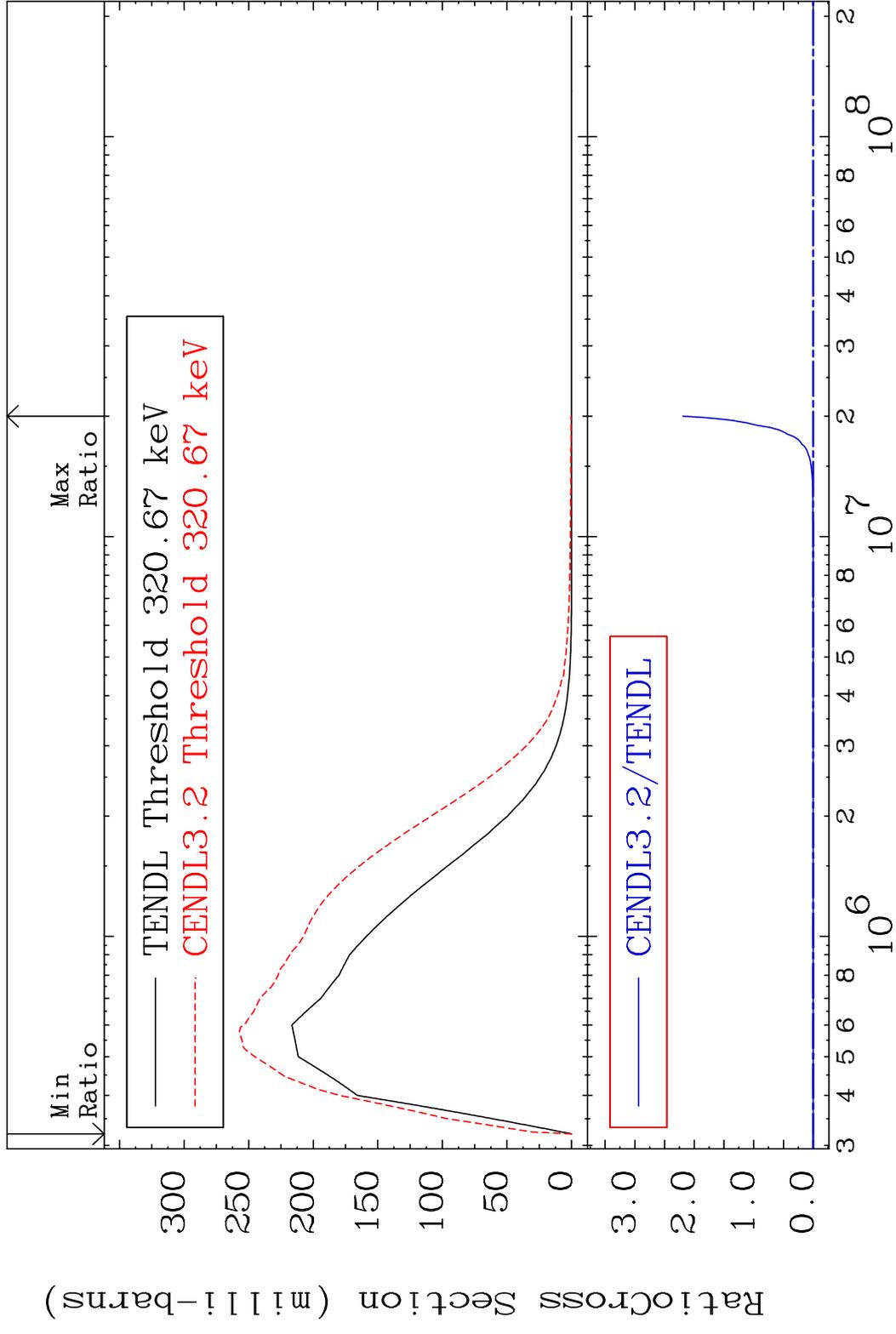


MAT 5440 MT= 53 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %

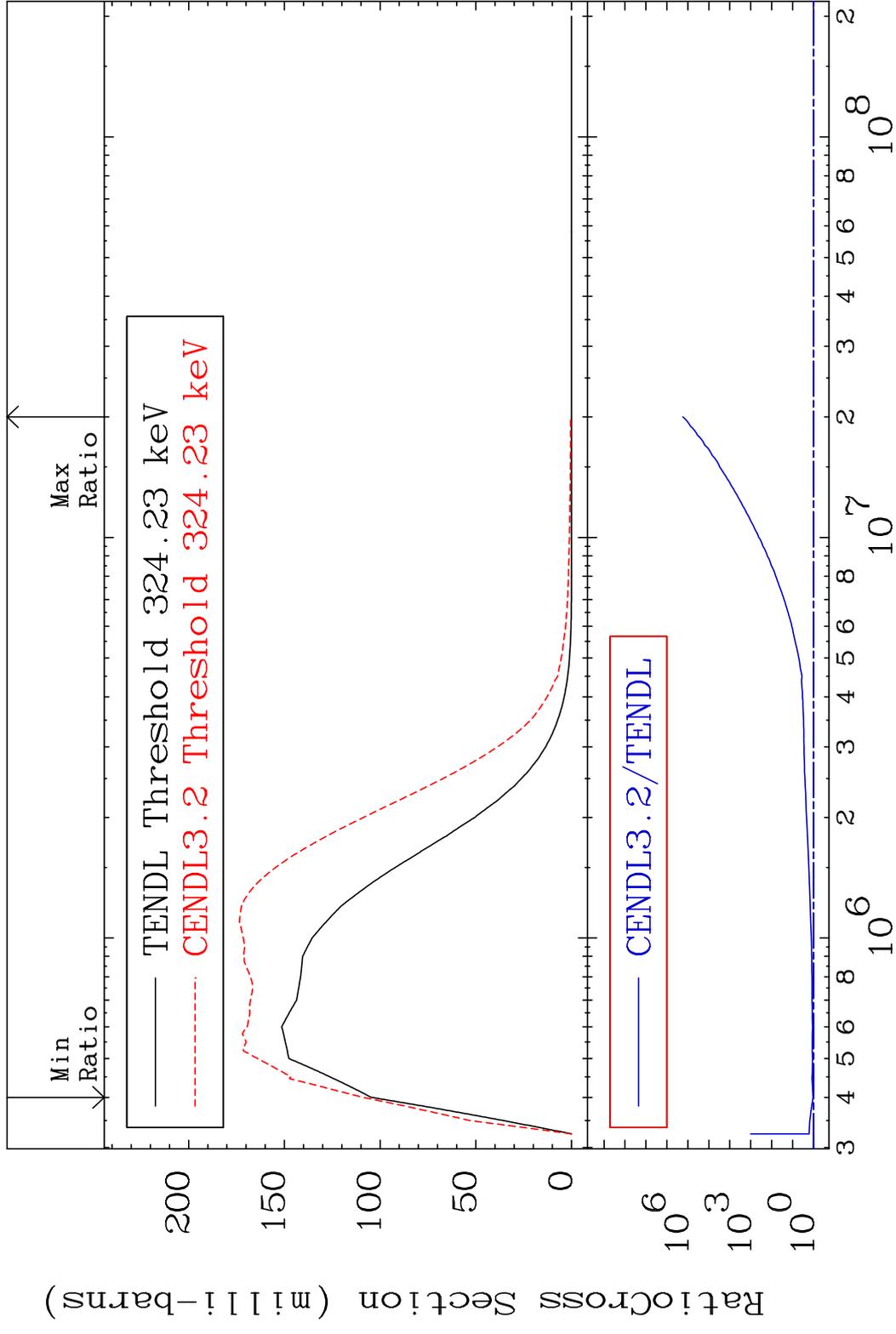


10 Incident Energy (eV) 54-Xe-129

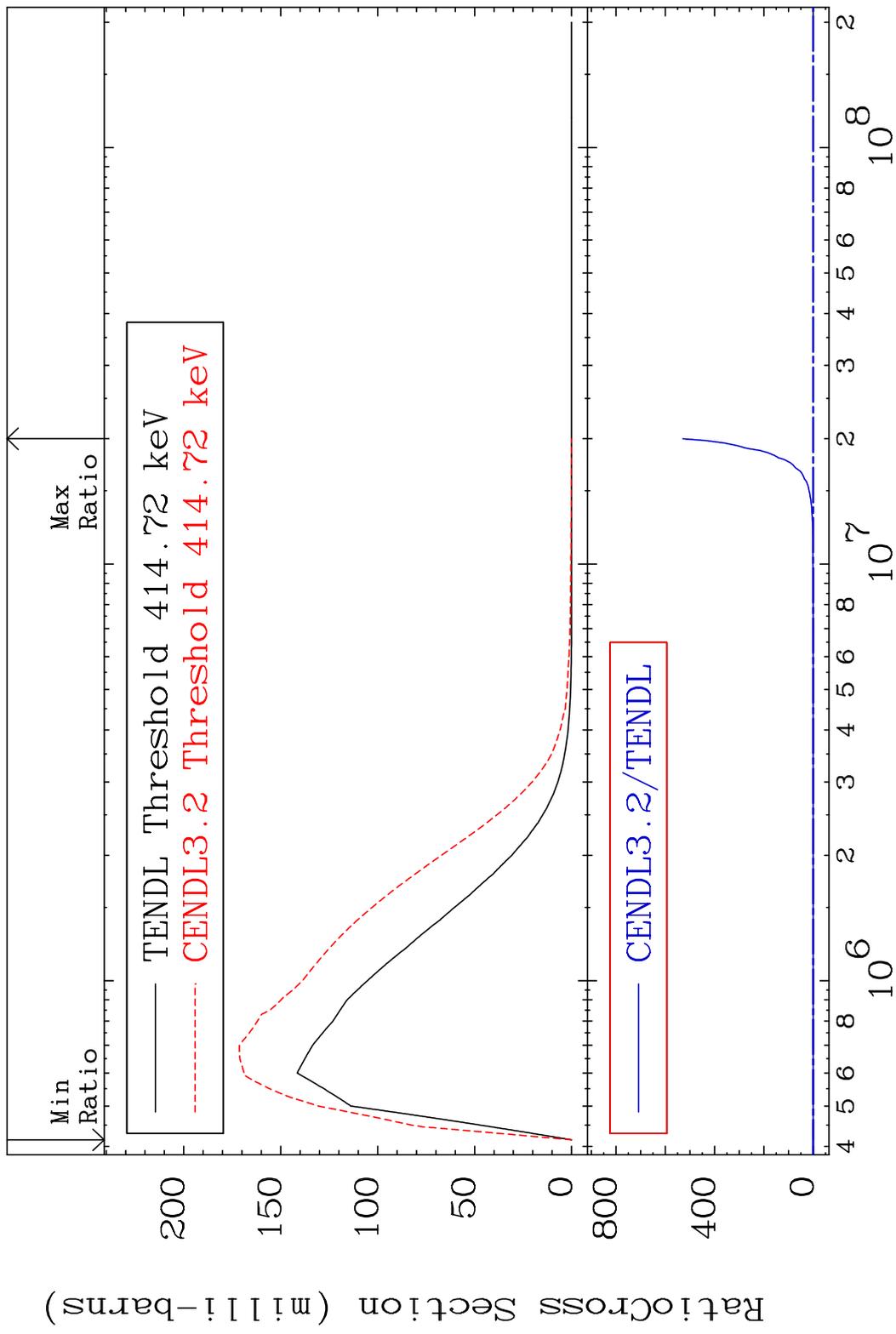
MAT 5440 MT= 54 (n,n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



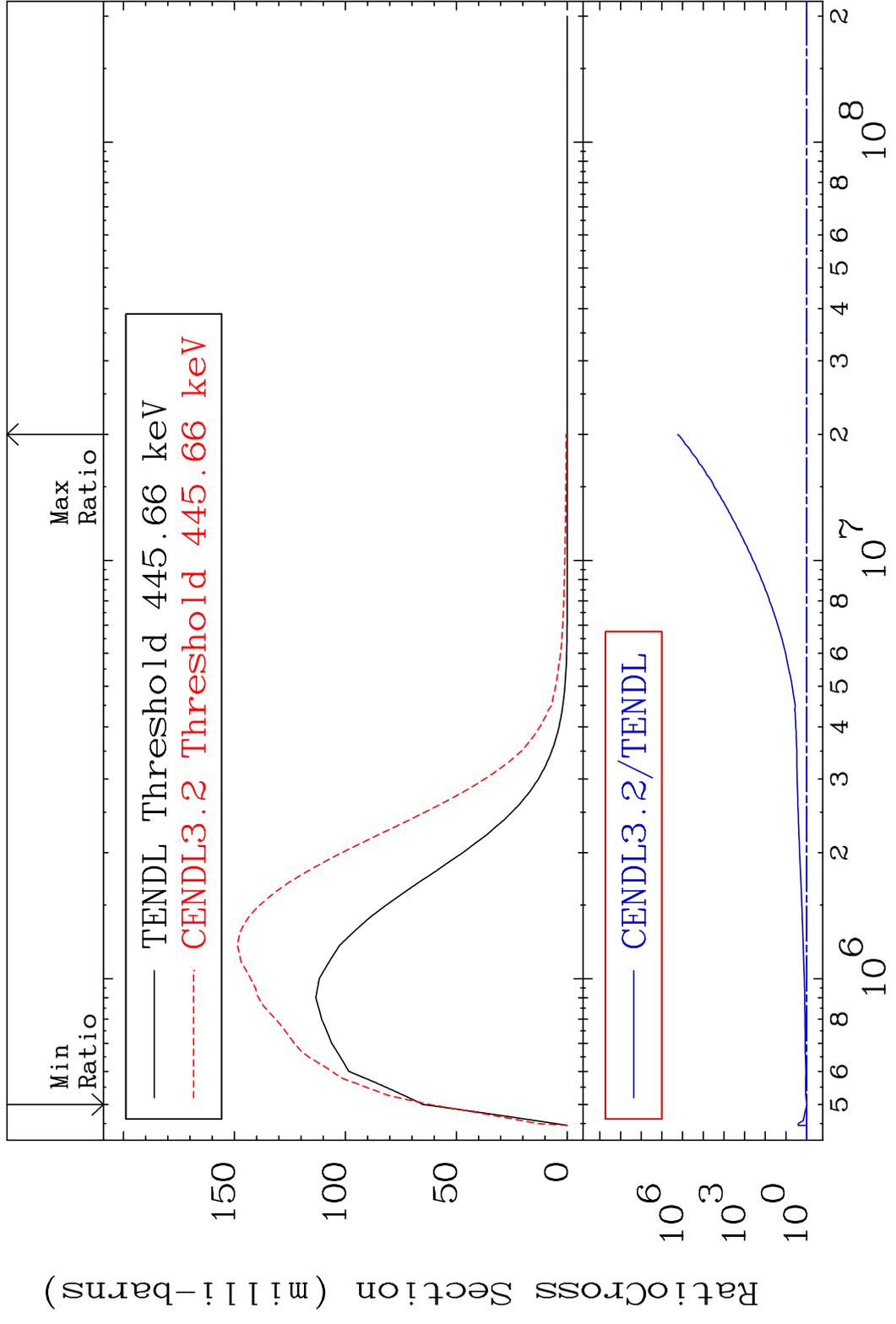
MAT 5440 MT= 55 (n, n') Level 54-Xe-129  
 Cross Section 4.069 To 9999. %



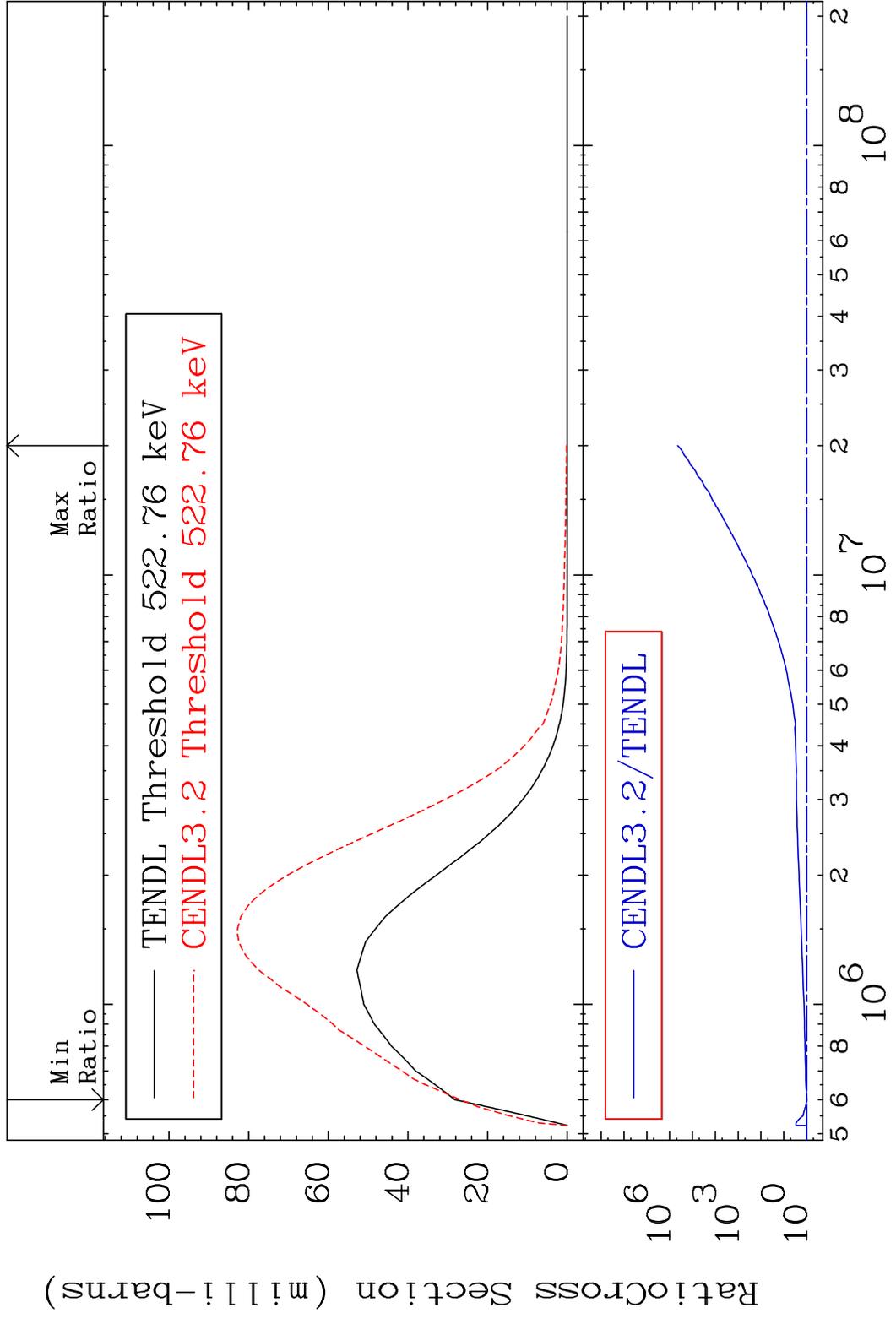
MAT 5440 MT= 56 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



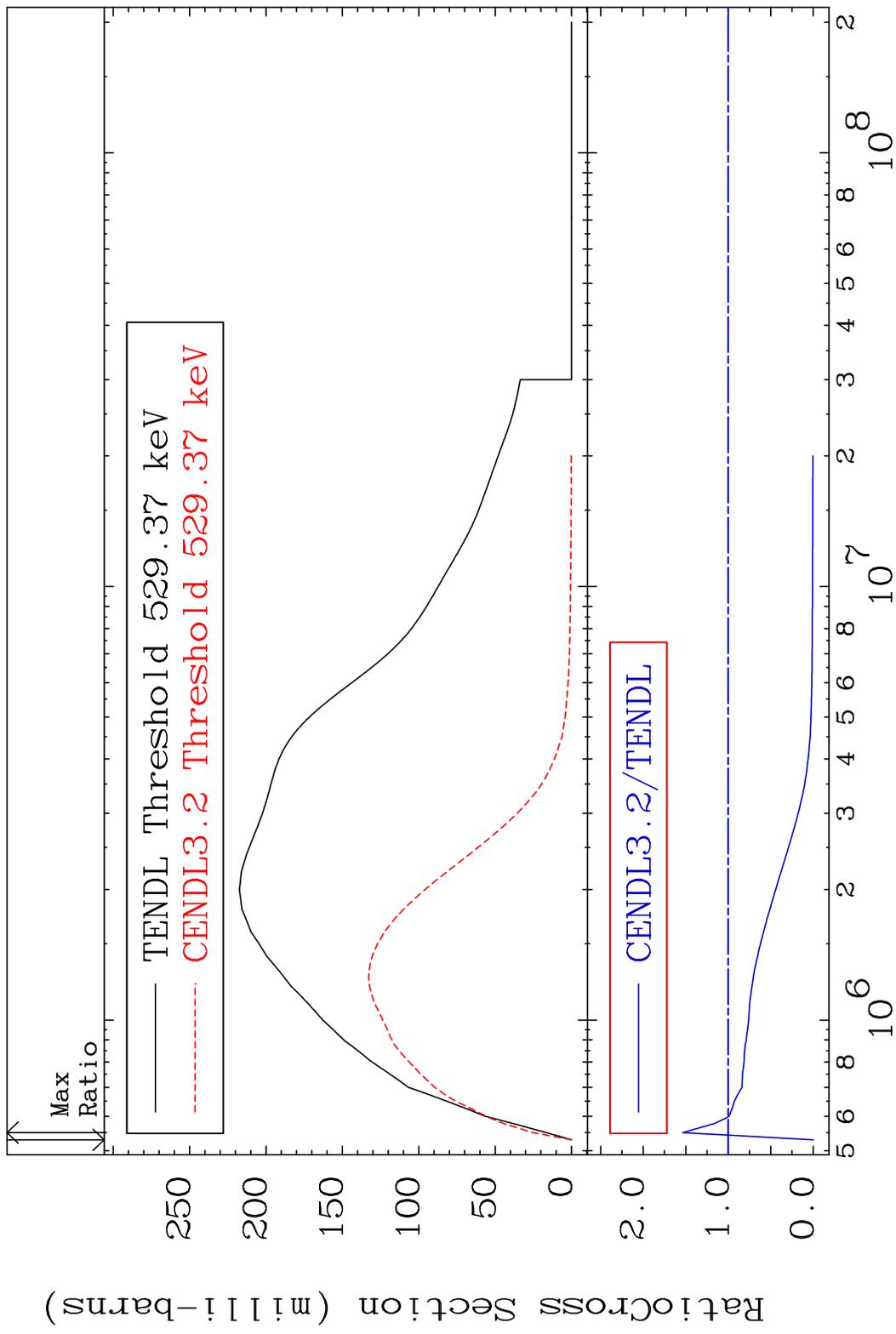
MAT 5440 MT= 57 (n, n') Level 54-Xe-129  
 Cross Section -4.580 To 9999. %



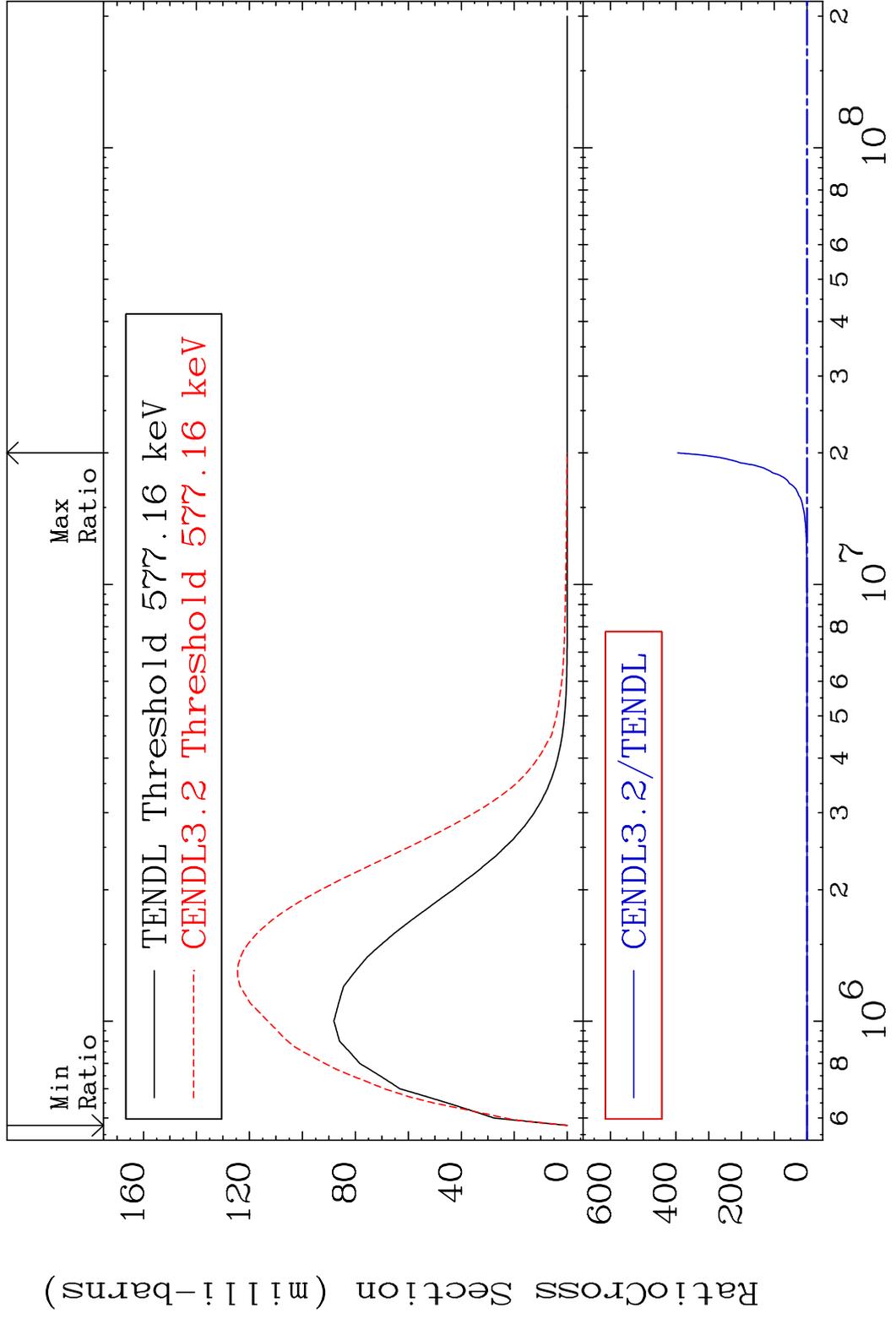
MAT 5440 MT= 58 (n, n') Level 54-Xe-129  
 Cross Section -4.517 To 9999. %



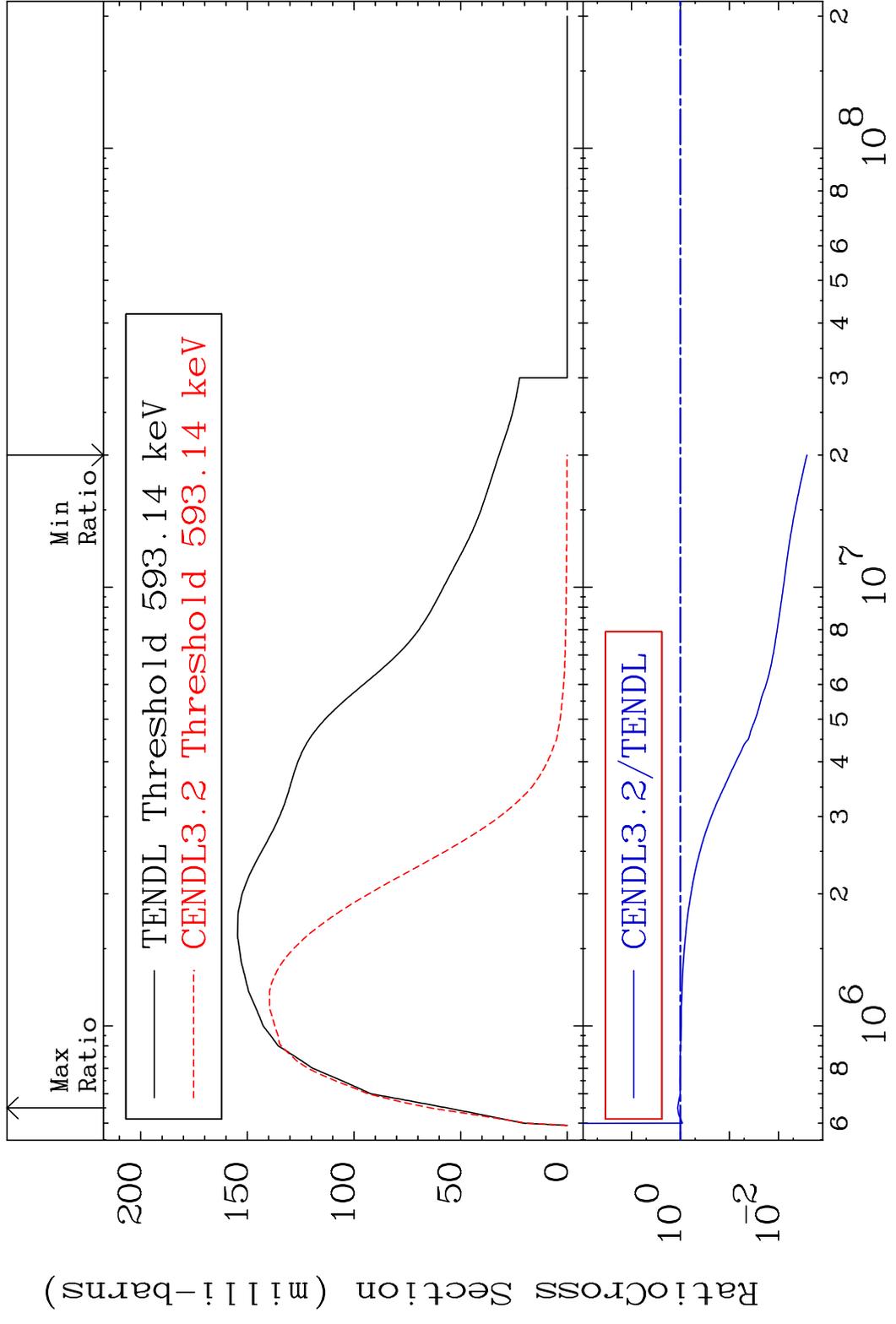
MAT 5440 MT= 59 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 53.41 %



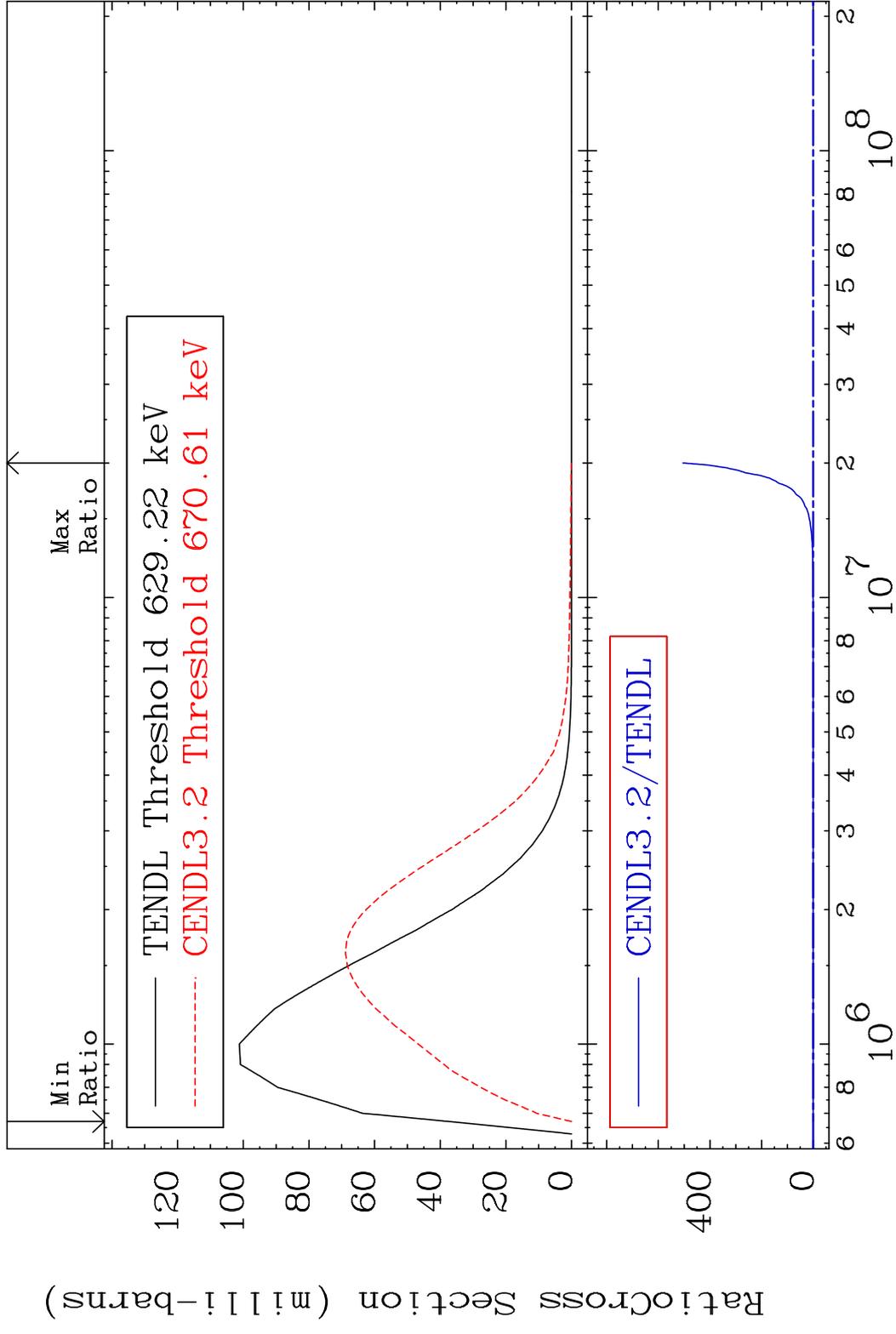
MAT 5440 MT= 60 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



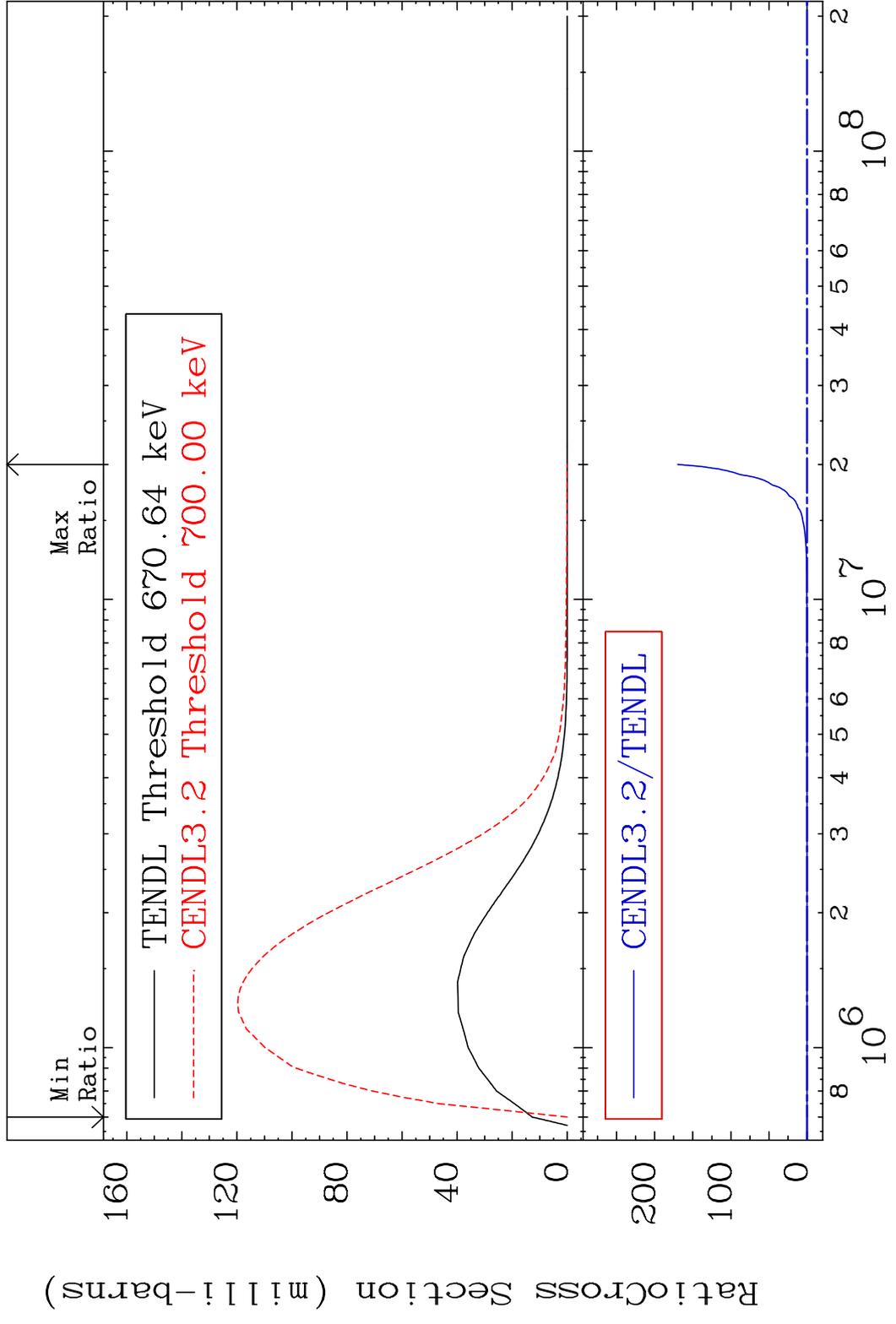
MAT 5440 MT= 61 (n, n') Level 54-Xe-129  
 Cross Section -99.74 To 14.01 %



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

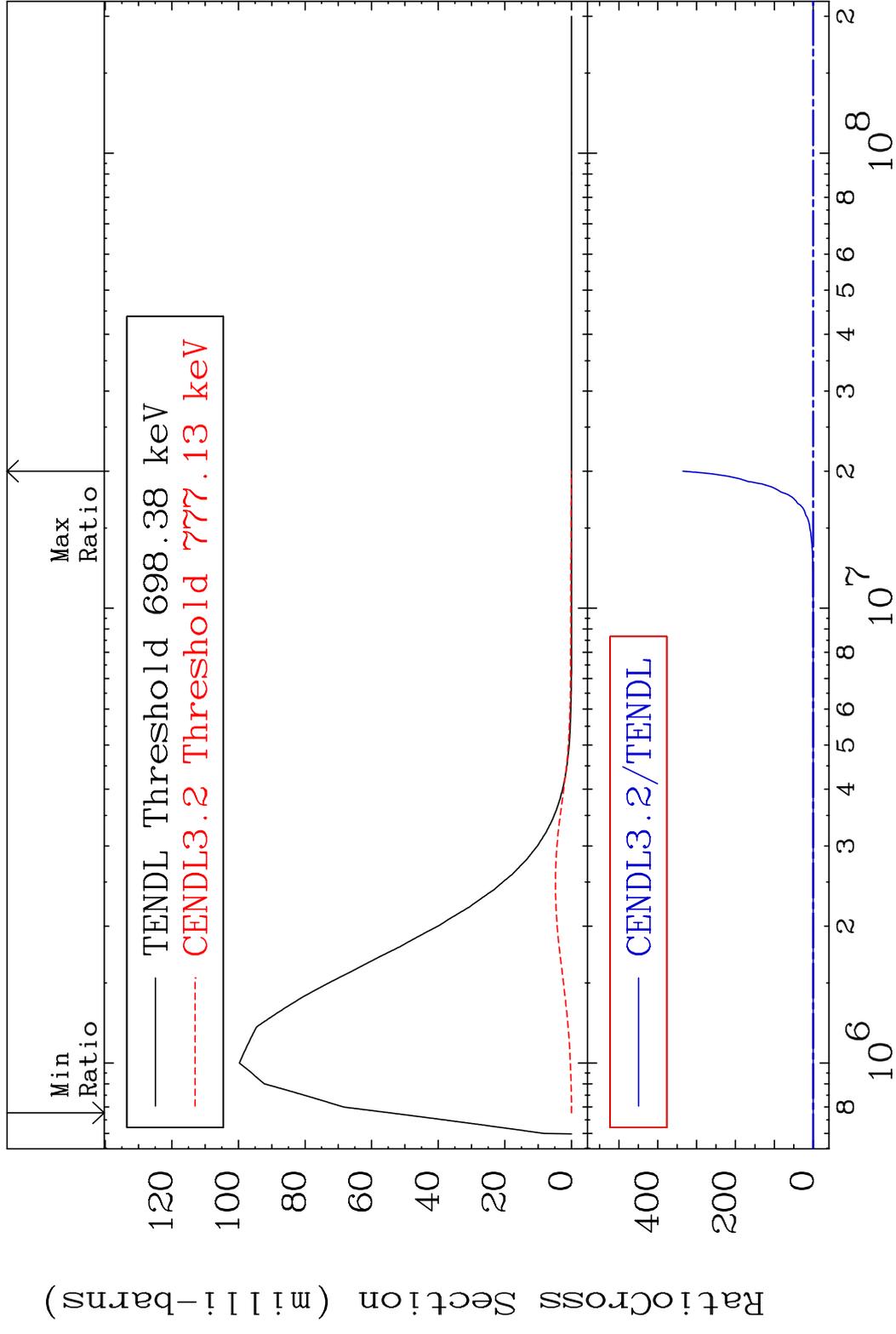


MAT 5440 MT= 63 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %

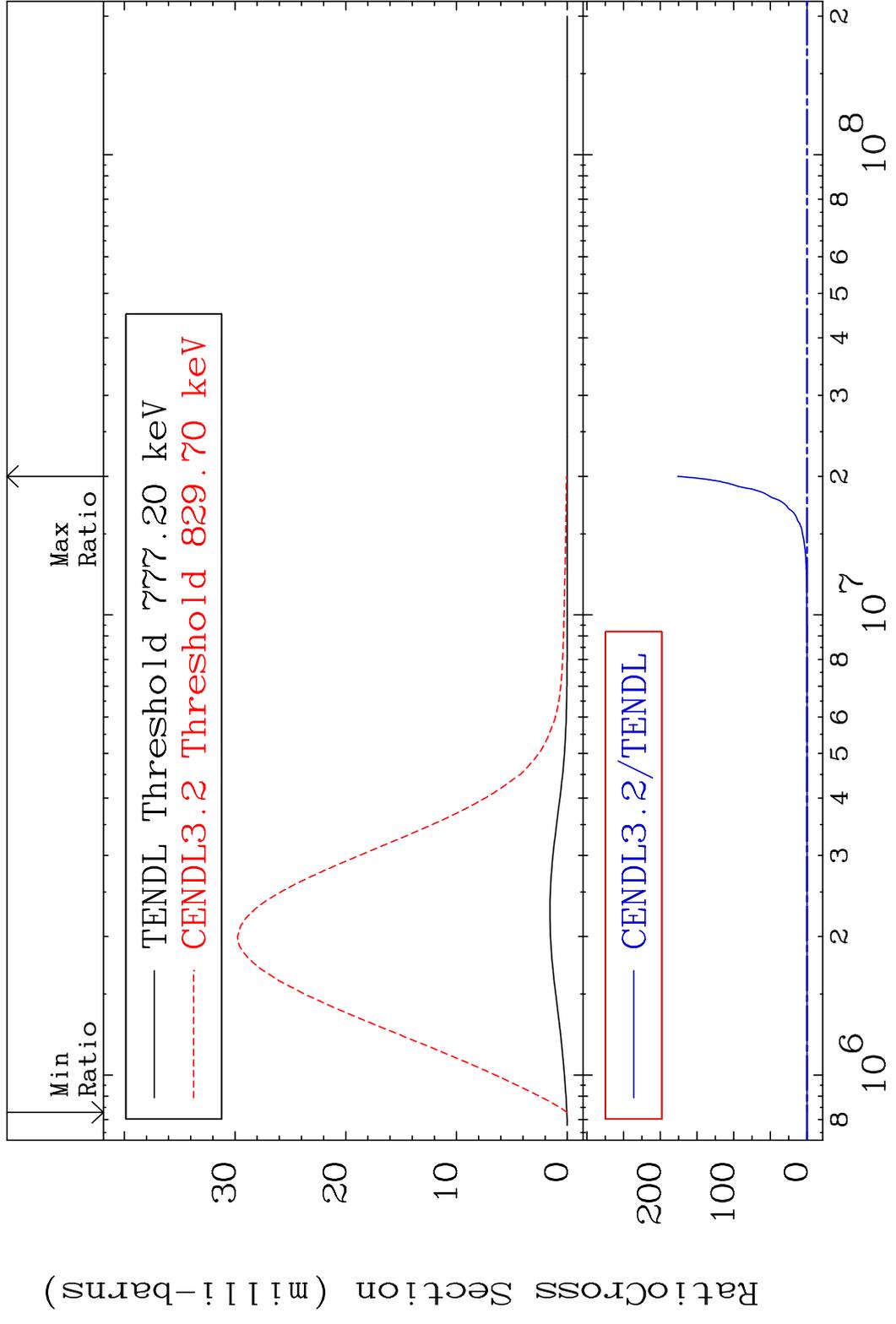


20 Incident Energy (eV) 54-Xe-129

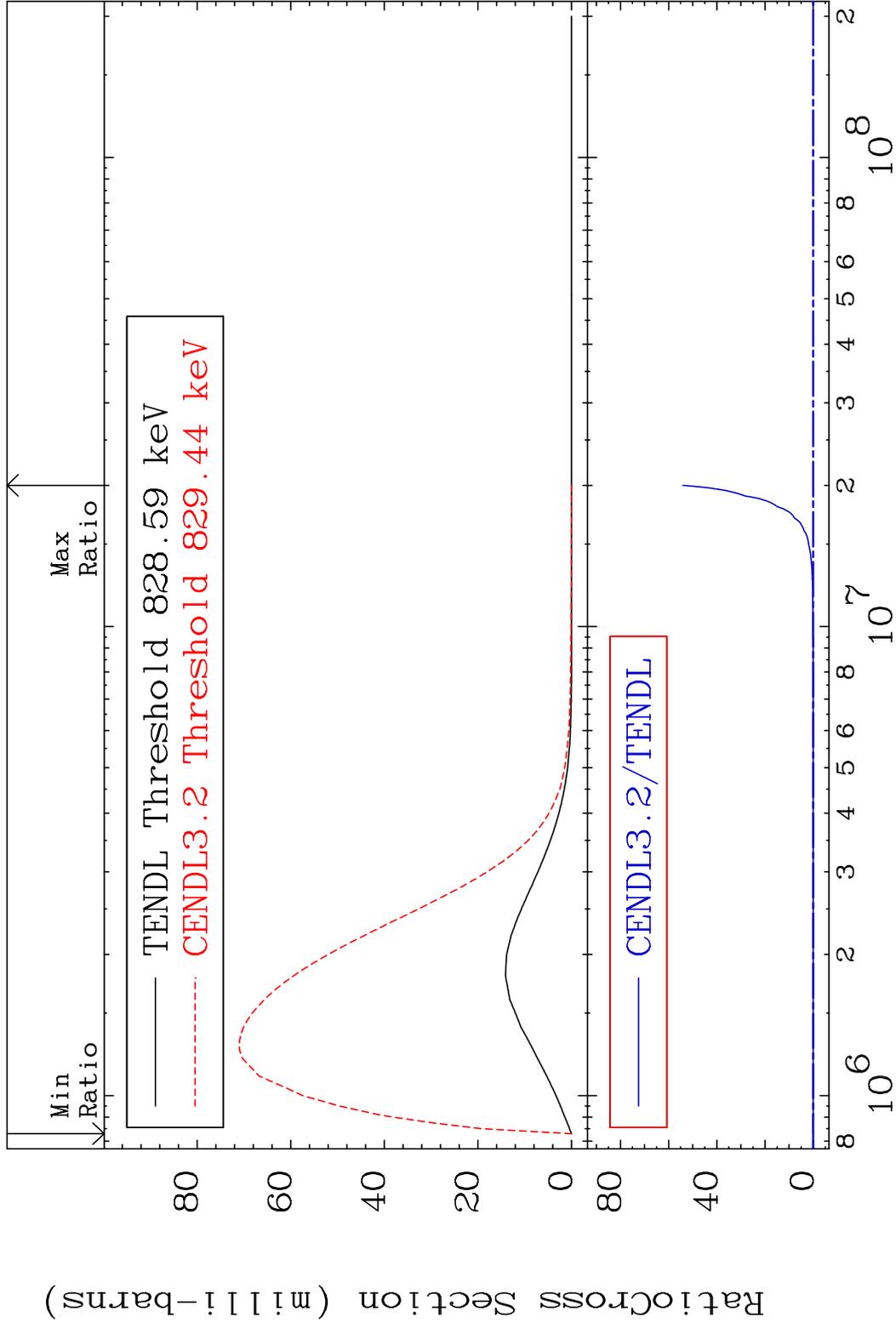
MAT 5440 MT= 64 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



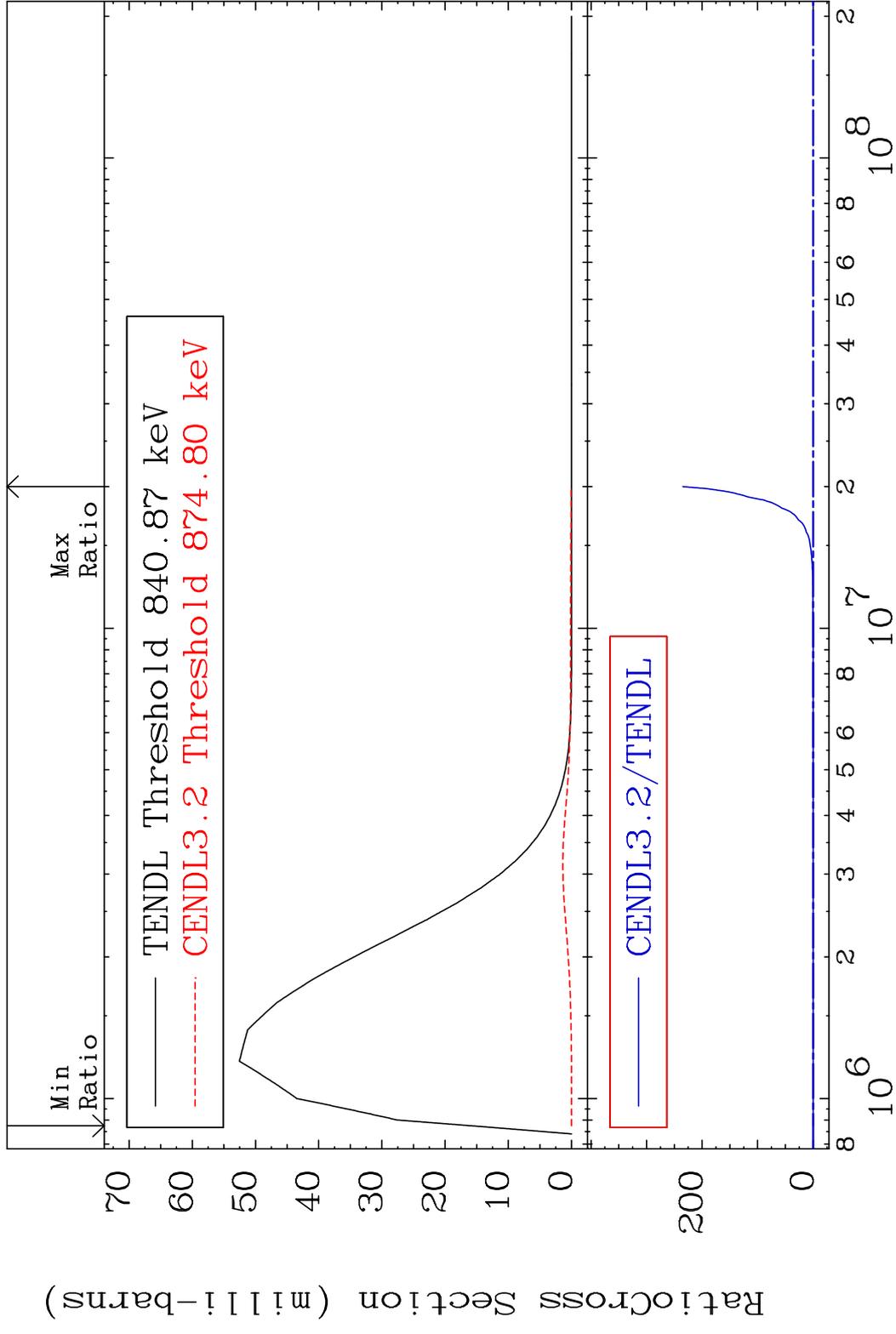
MAT 5440 MT= 65 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



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

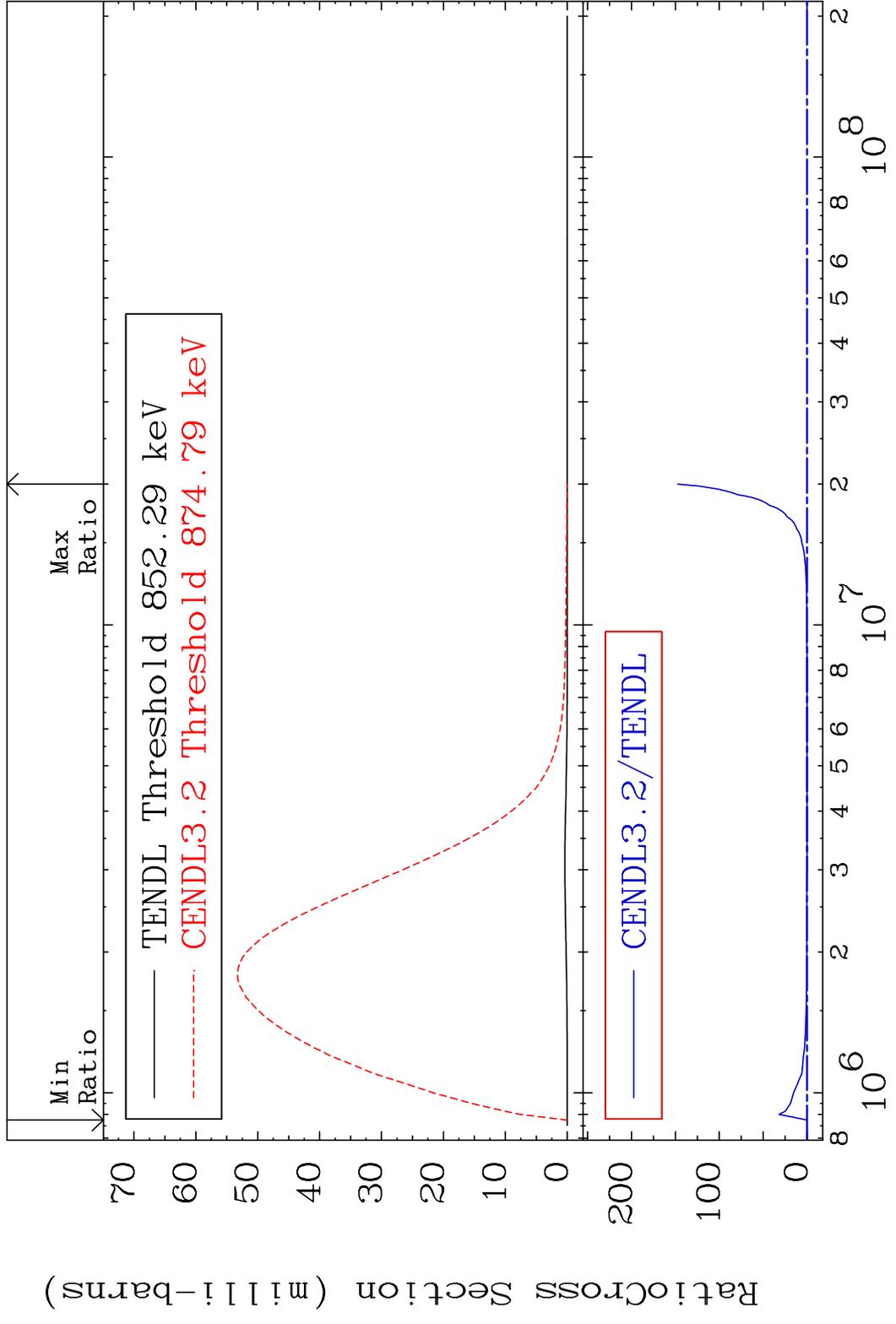


MAT 5440 MT= 67 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %

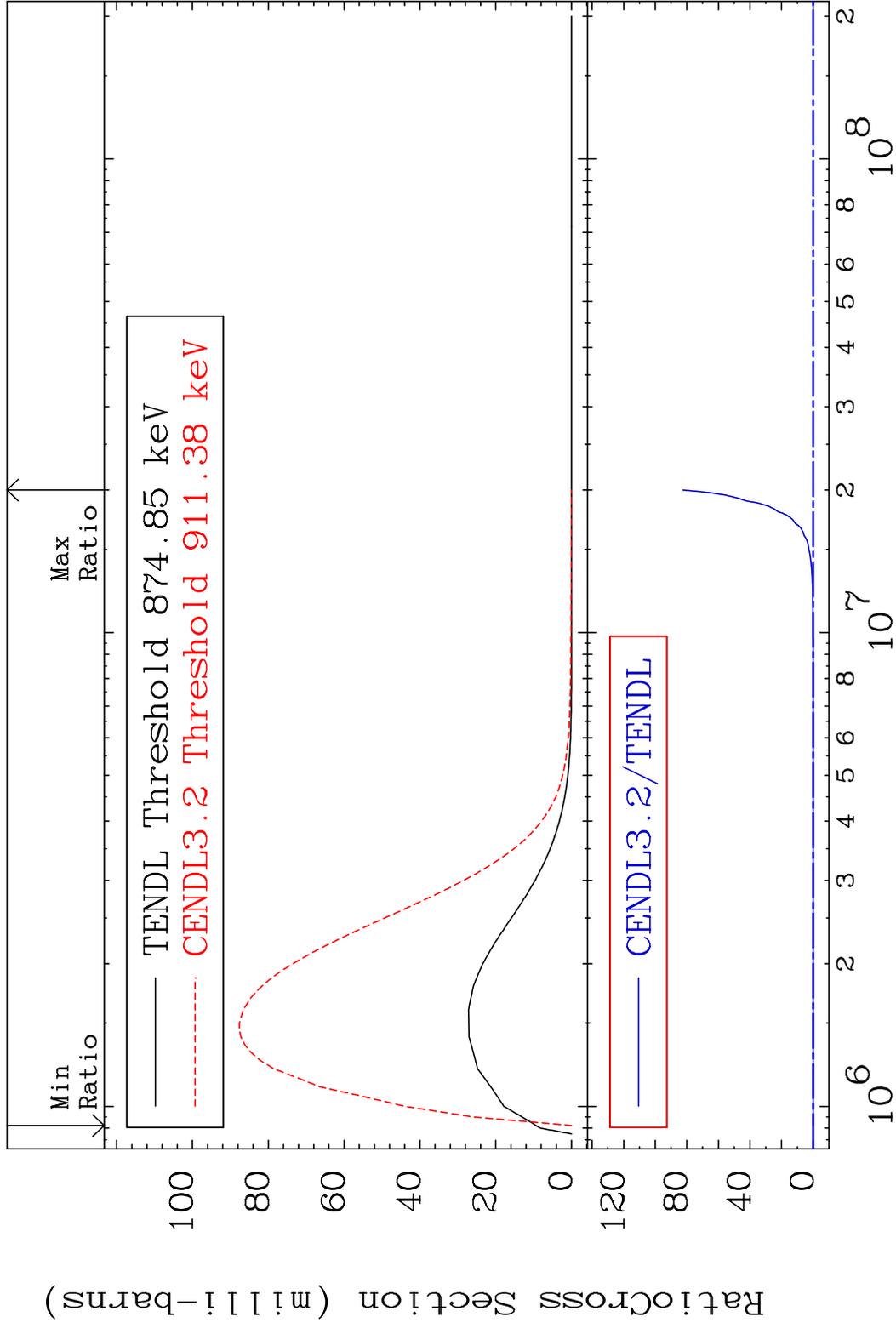


24 Incident Energy (eV) 54-Xe-129

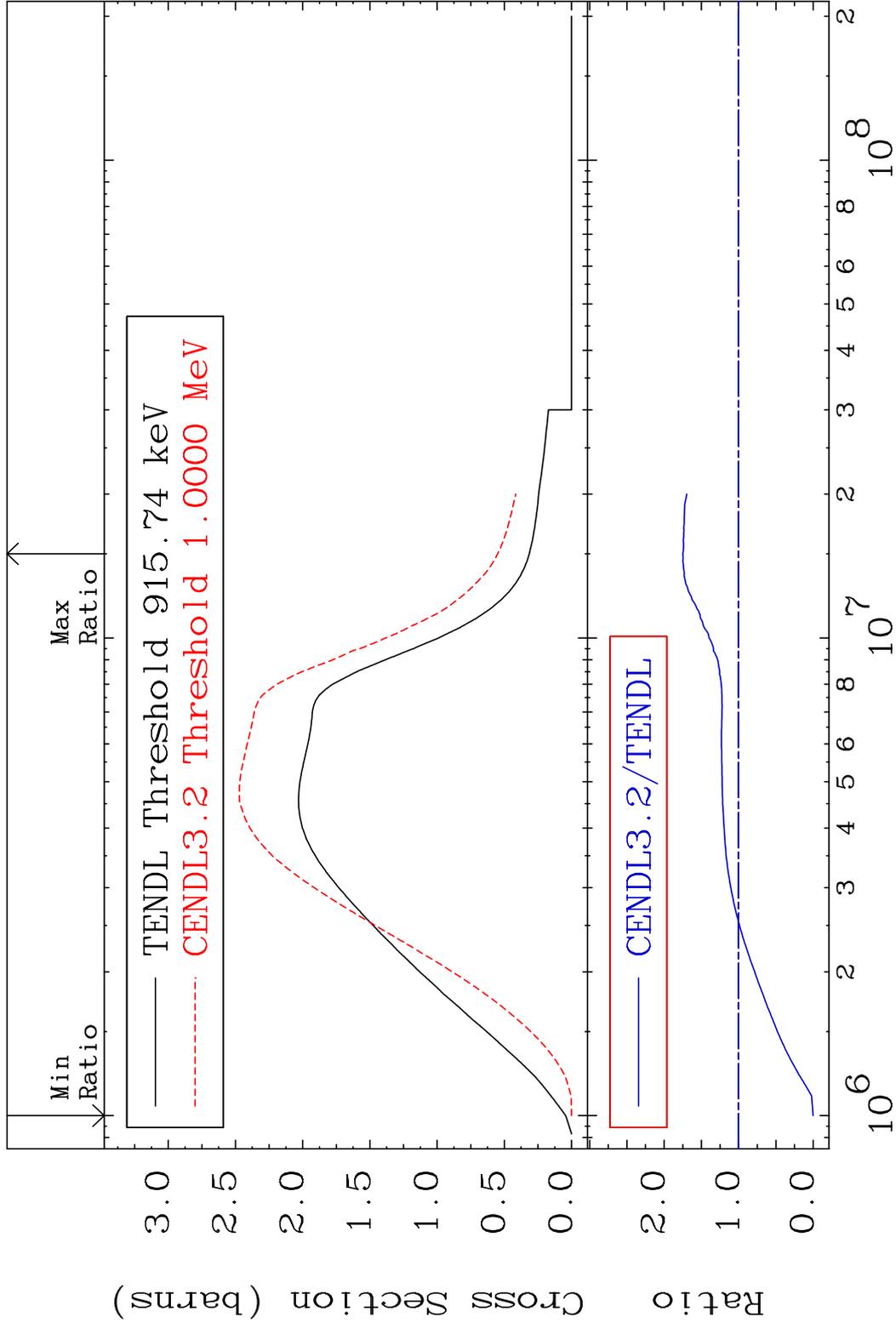
MAT 5440 MT= 68 (n, n') Level 54-Xe-129  
 Cross Section -100.0 To 9999. %



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



MAT 5440 (n, n') Continuum 54-Xe-129  
 Cross Section -100.0 To 74.91 %

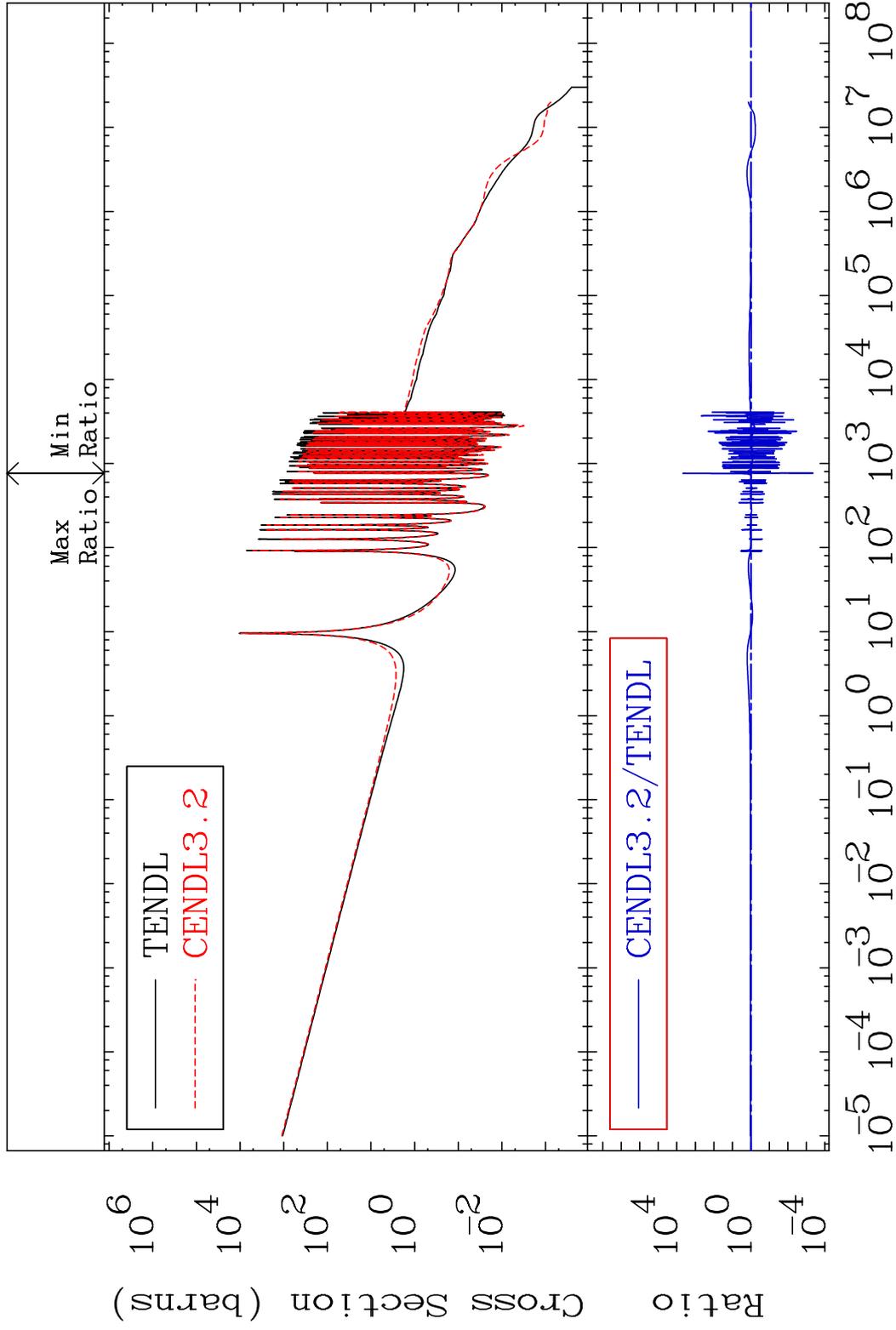


MAT 5440

(n,  $\gamma$ )

54-Xe-129

Cross Section -99.96 To 9999. %



28

Incident Energy (eV)

54-Xe-129

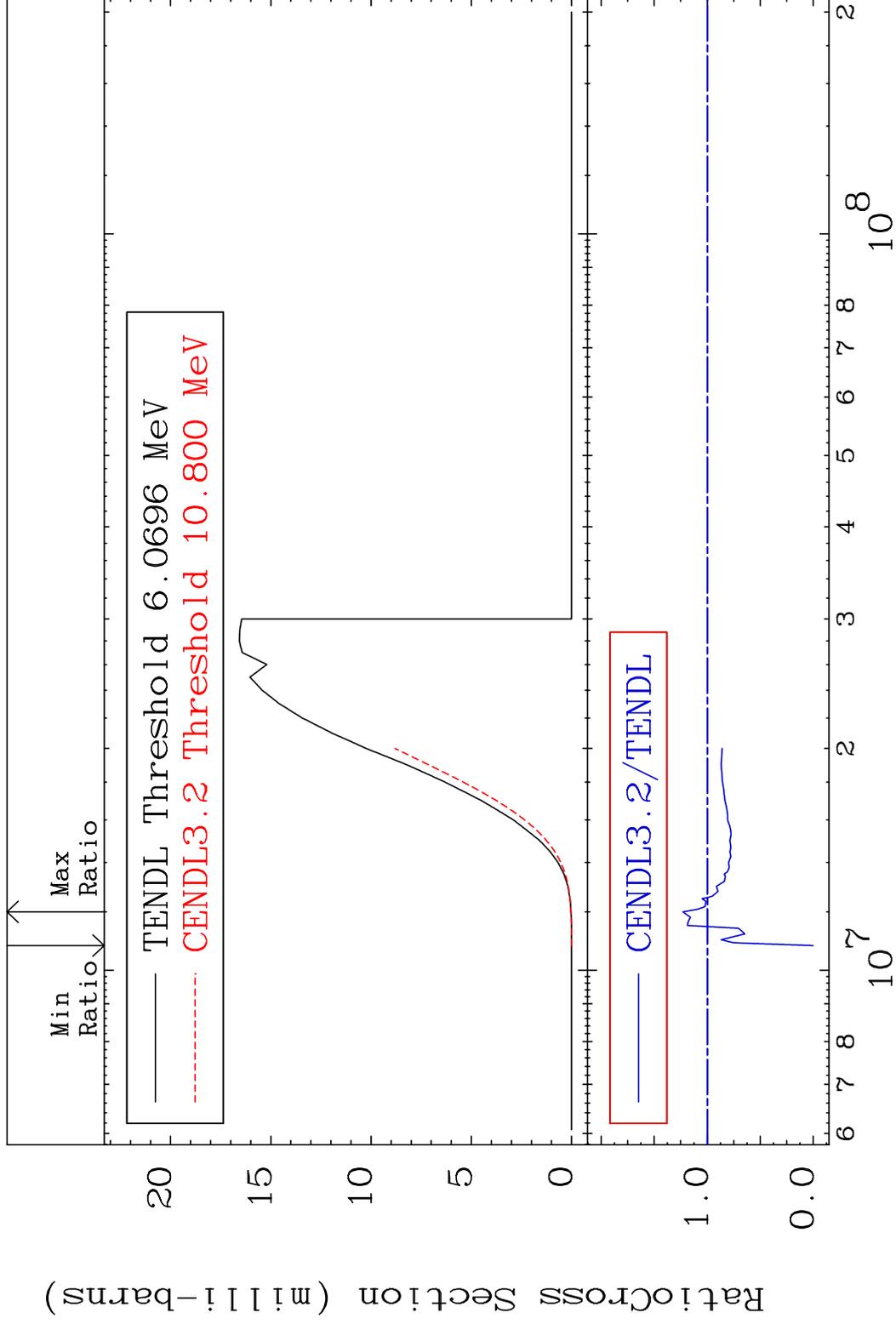


MAT 5440

(n,d)

54-Xe-129

Cross Section -100.0 To 22.99 %



30

Incident Energy (eV)

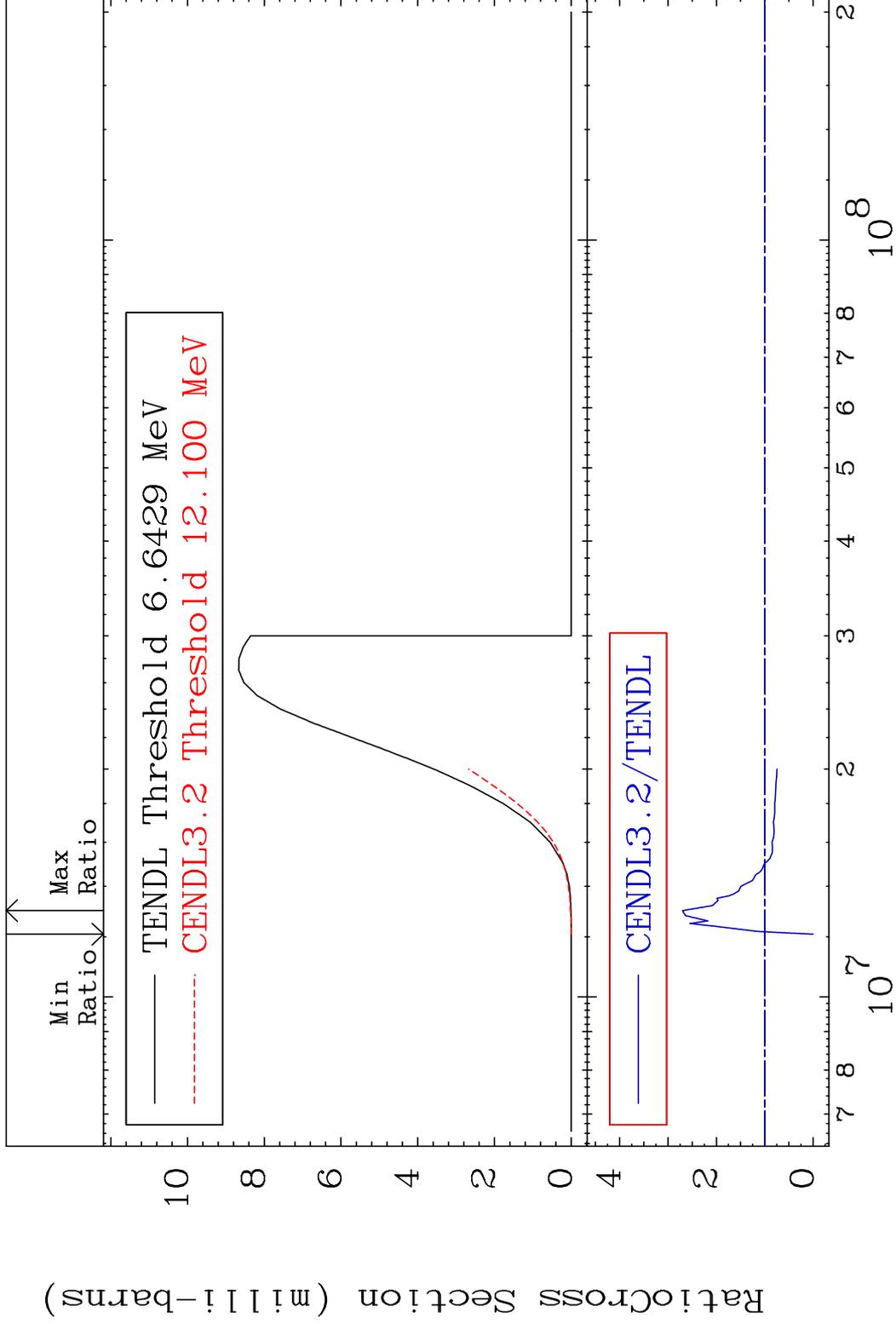
54-Xe-129

MAT 5440

(n, t)

54-Xe-129

Cross Section -100.0 To 169.8 %



31

Incident Energy (eV)

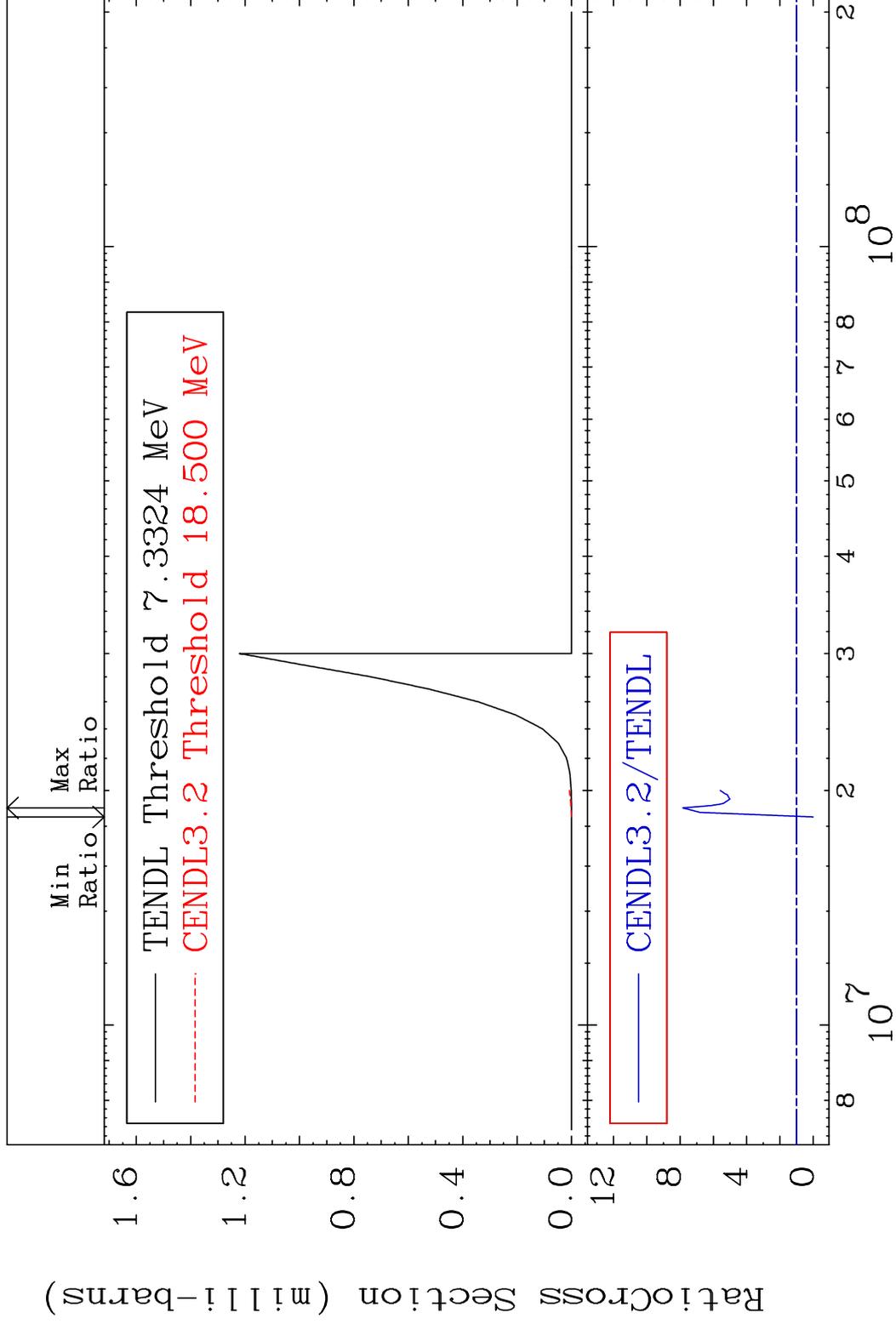
54-Xe-129

MAT 5440

(n, He-3)

54-Xe-129

Cross Section -100.0 To 683.4 %



32

Incident Energy (eV)

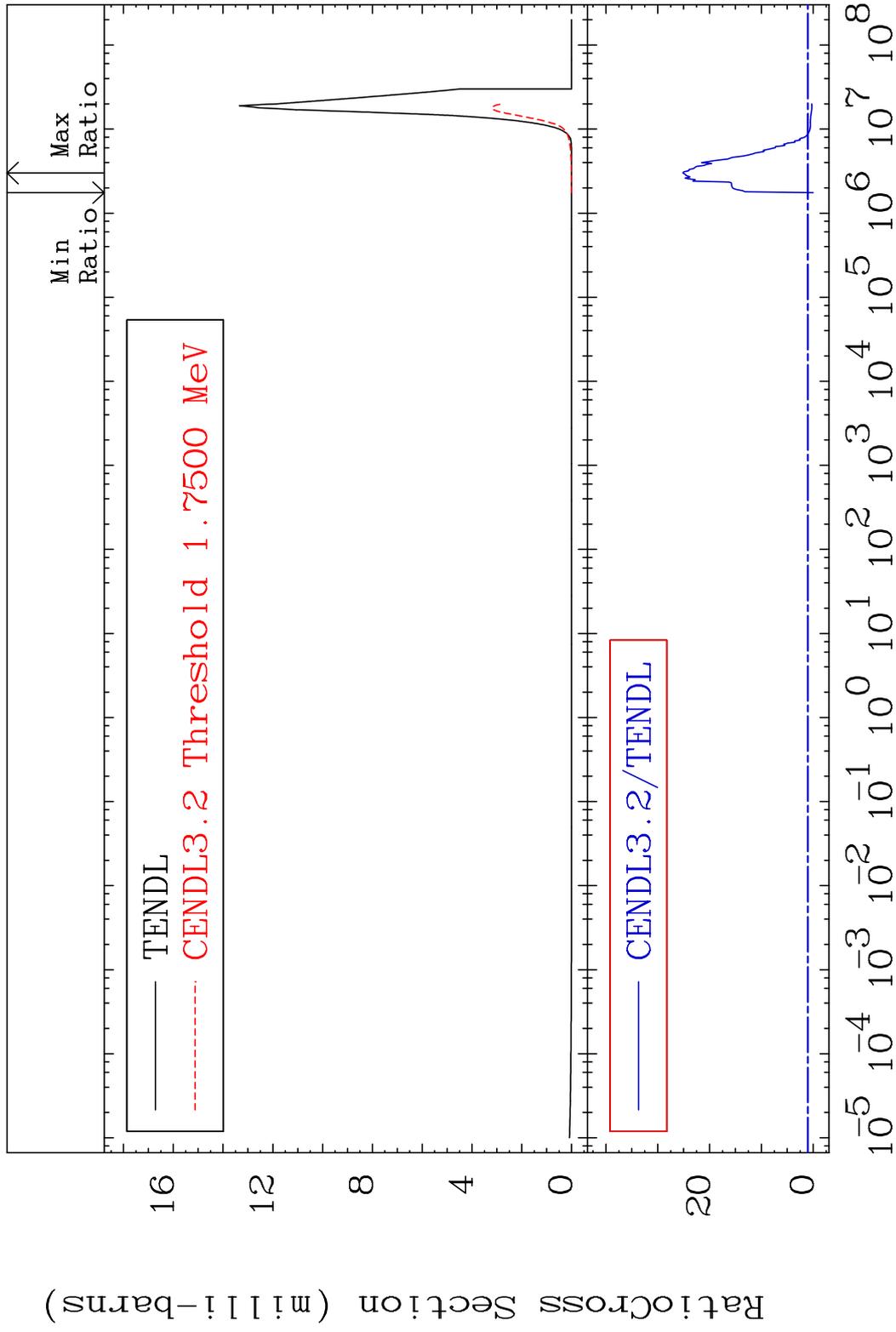
54-Xe-129

MAT 5440

(n,  $\alpha$ )

54-Xe-129

Cross Section -100.0 To 2416. %

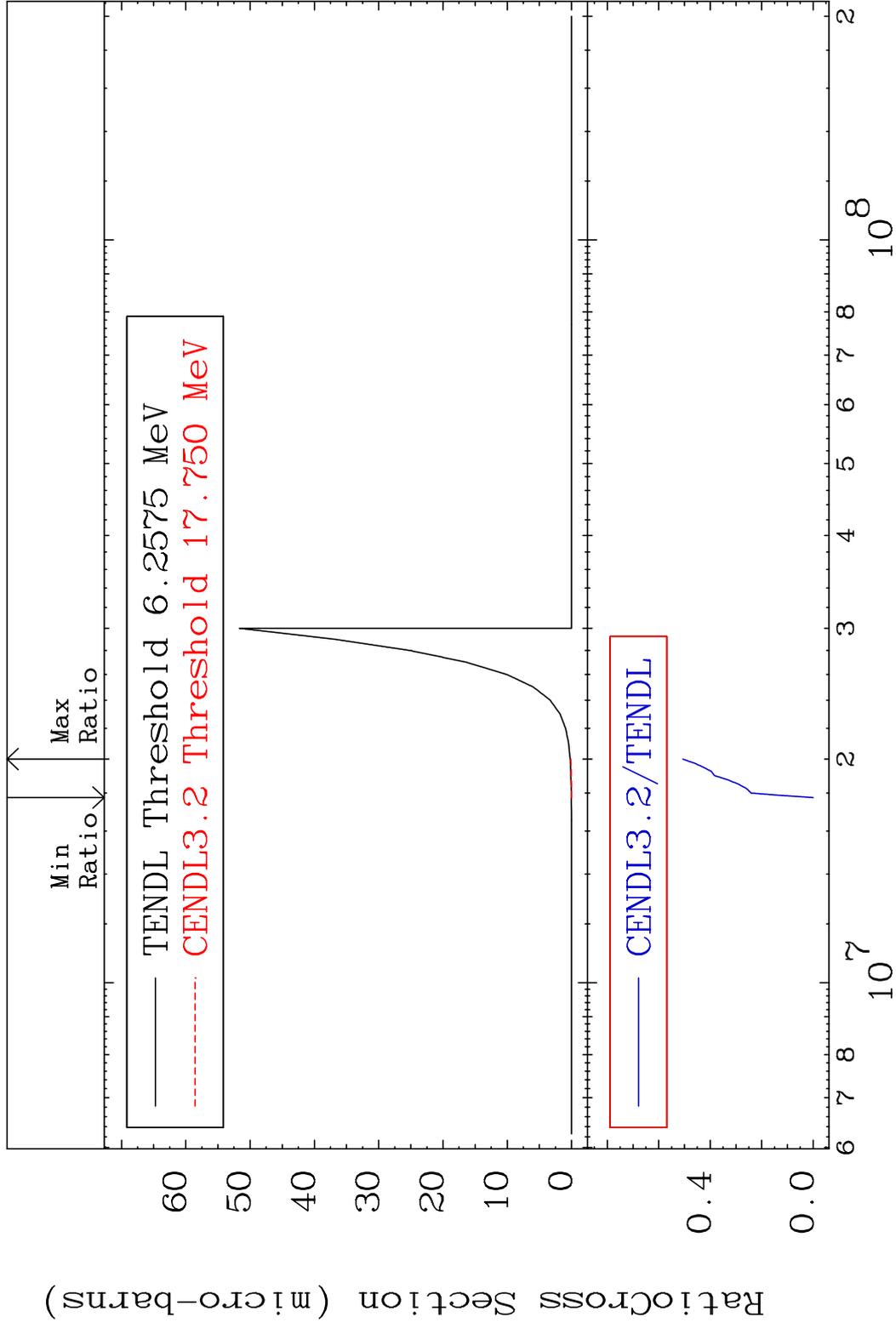


MAT 5440

(n,2p)

54-Xe-129

Cross Section -100.0 To -49.36%

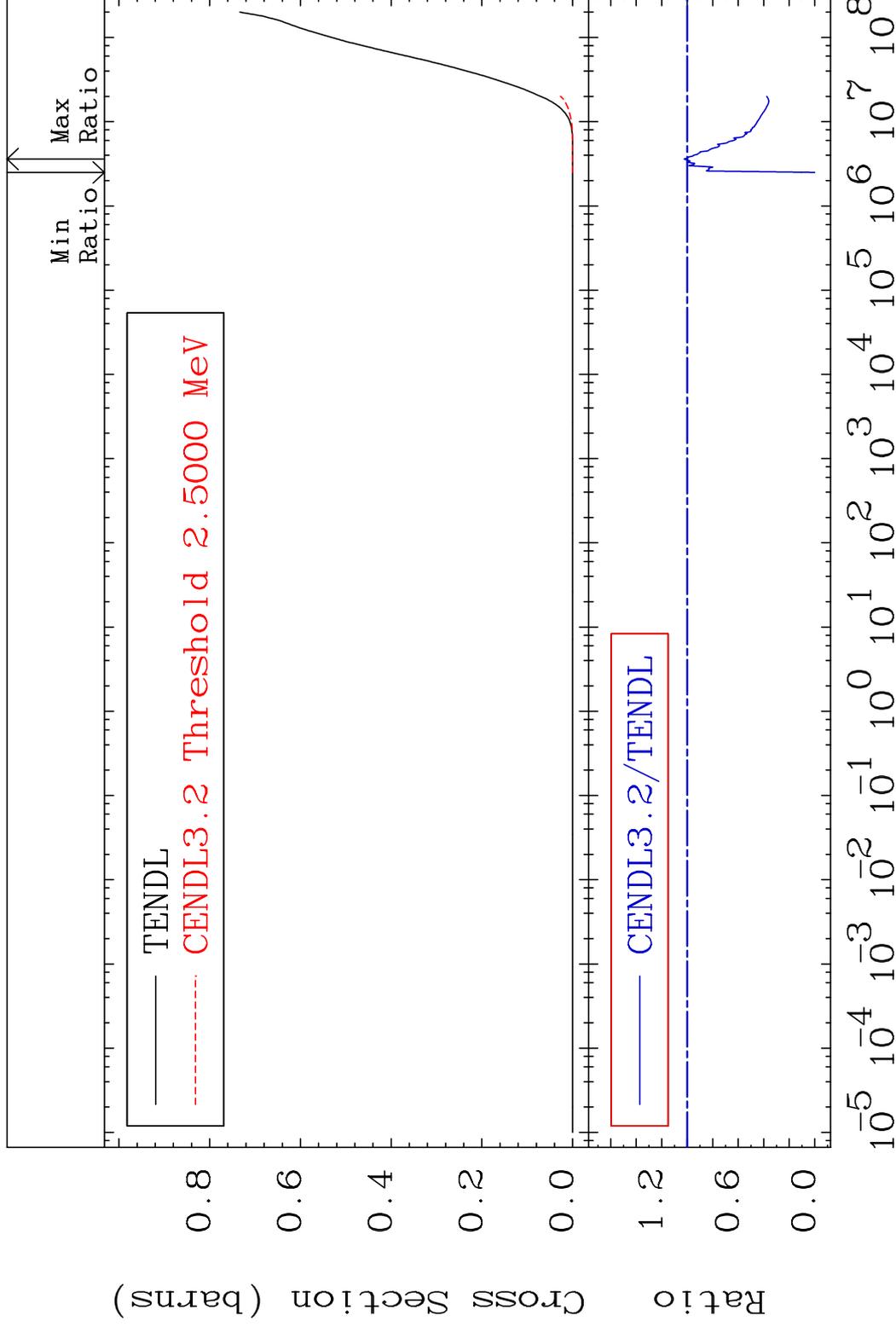


MAT 5440

Hydrogen Production

54-Xe-129

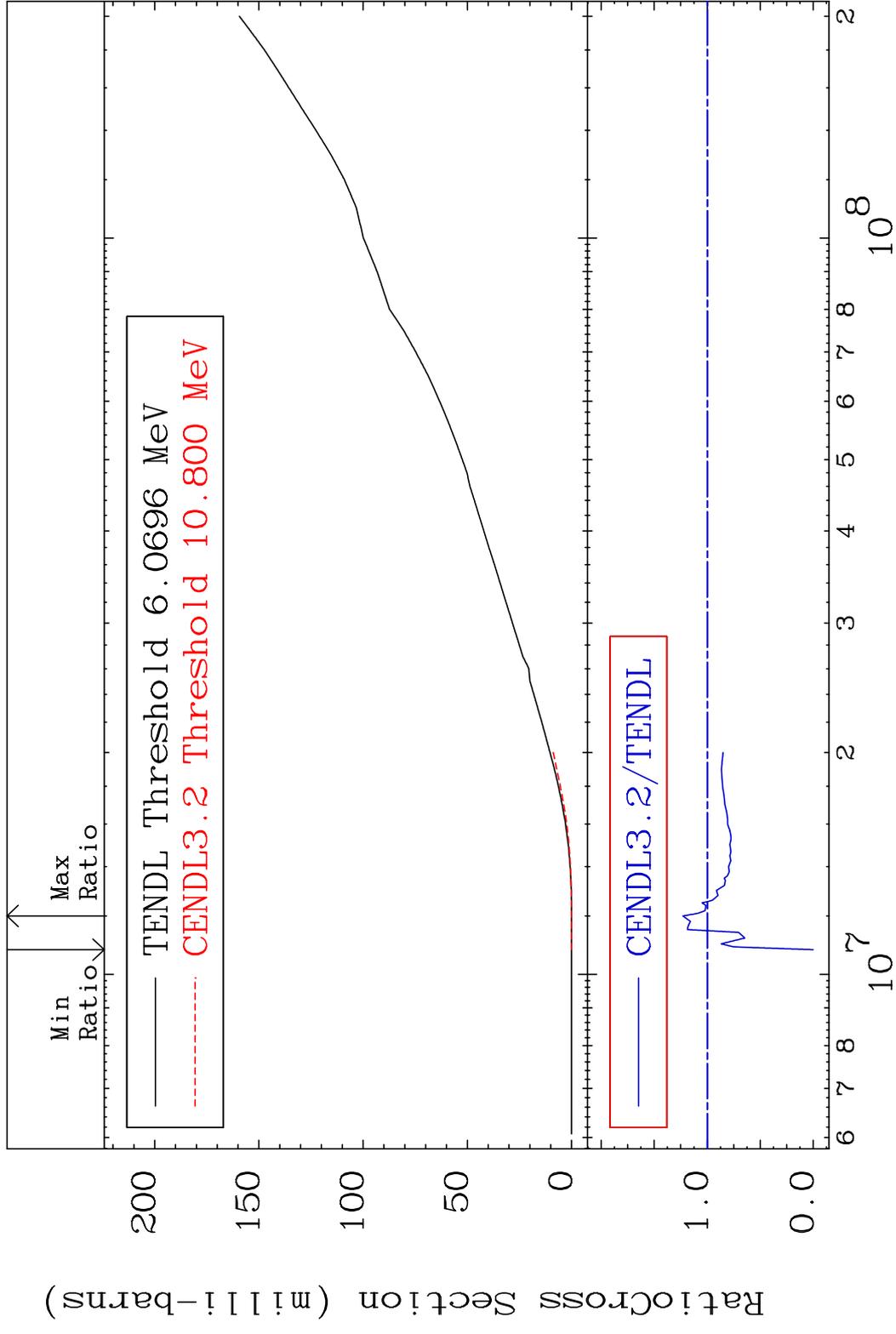
Cross Section -100.0 To 2.421 %



35

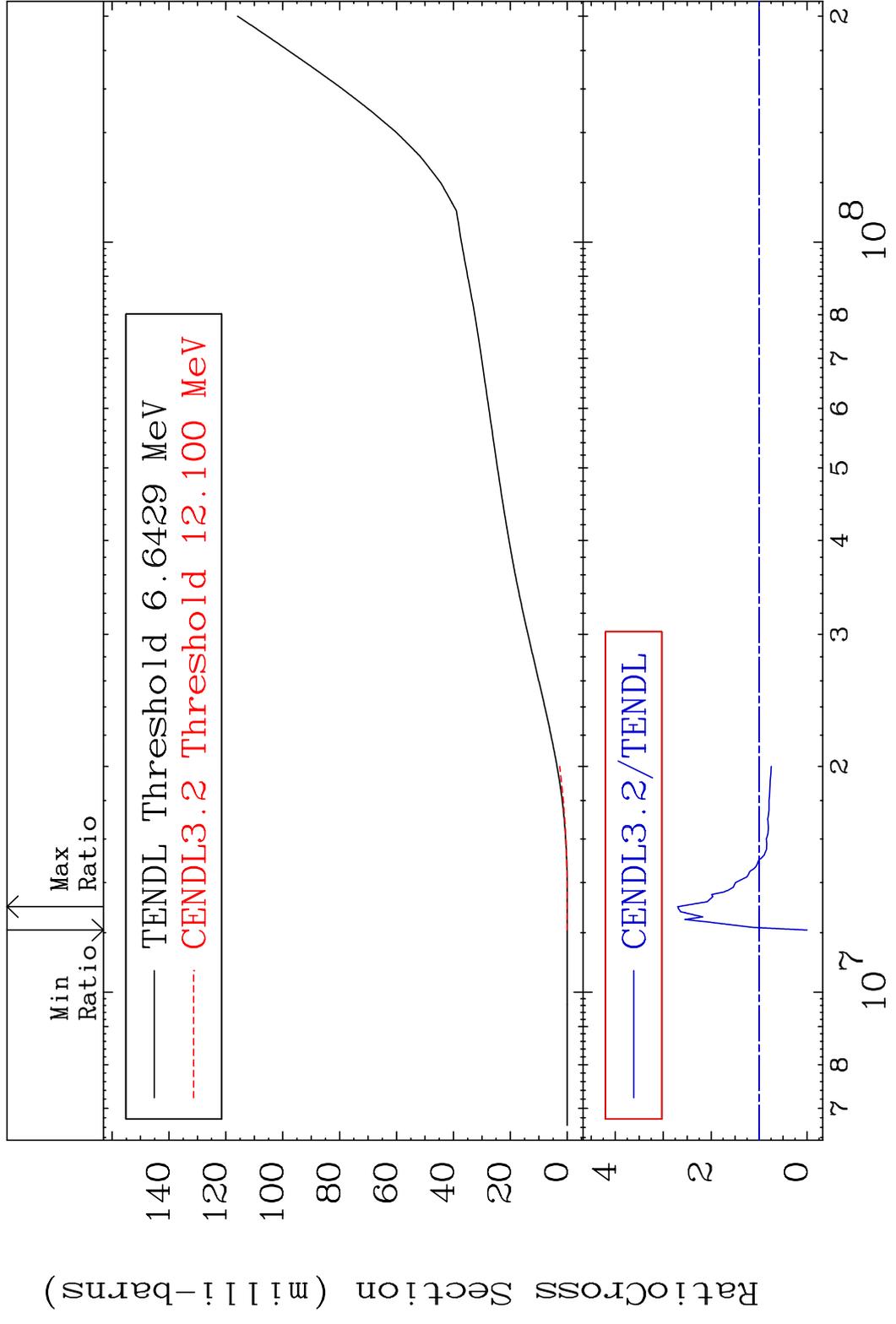
Incident Energy (eV)

54-Xe-129



MAT 5440

Tritium Production 54-Xe-129  
Cross Section -100.0 To 169.8 %

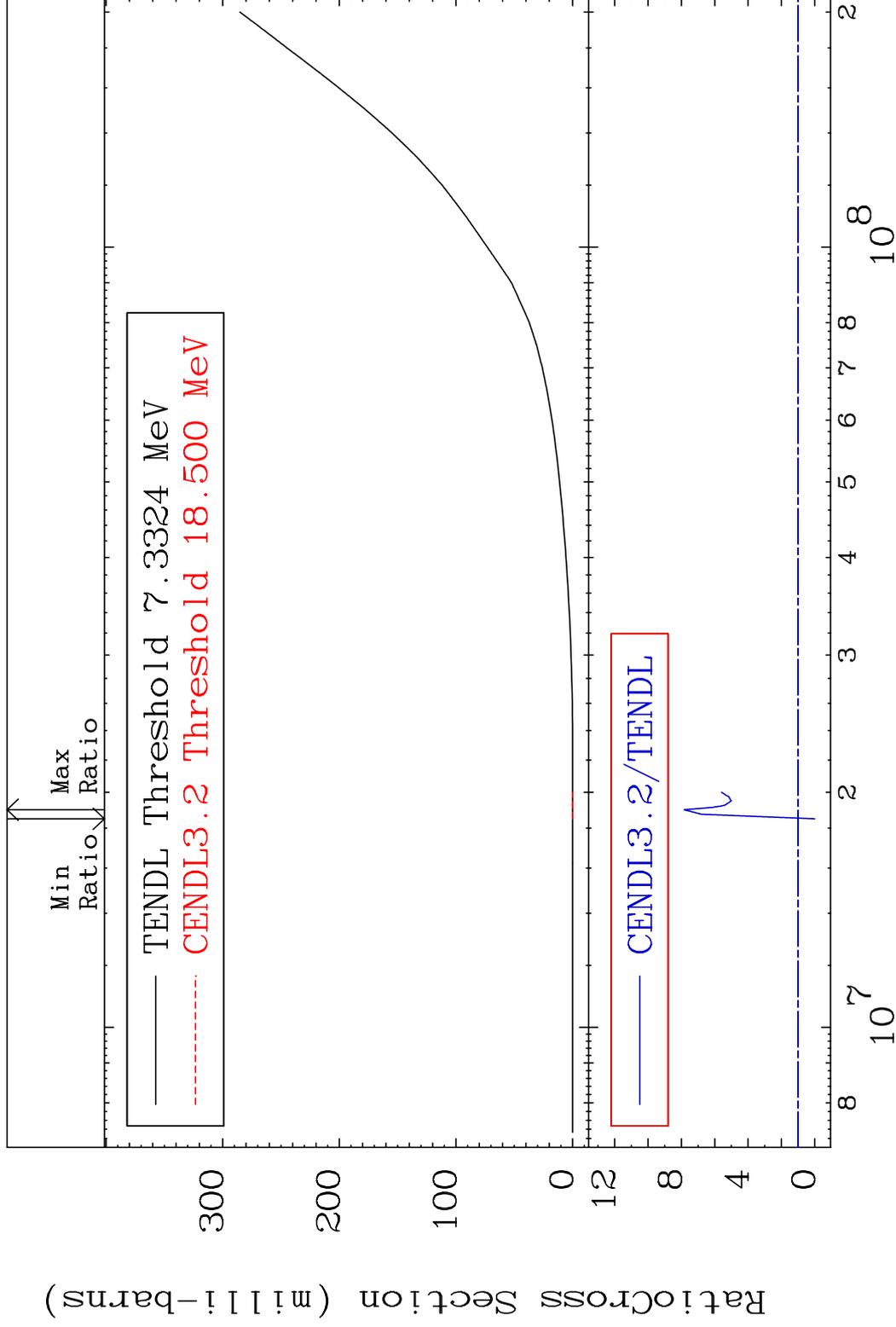


MAT 5440

He-3 Production

54-Xe-129

Cross Section -100.0 To 683.4 %



38

Incident Energy (eV)

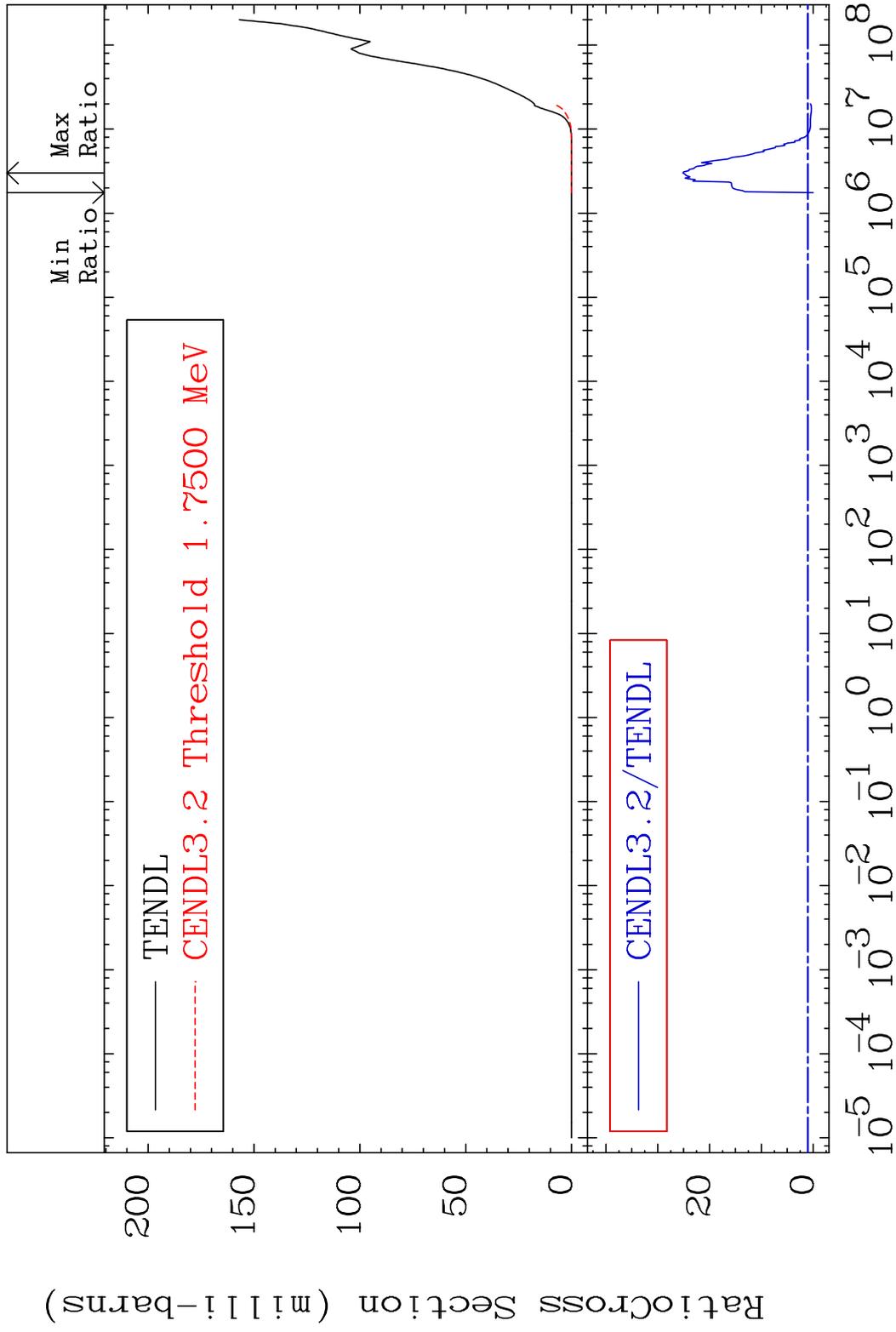
54-Xe-129

MAT 5440

He-4 Production

54-Xe-129

Cross Section -100.0 To 2416. %

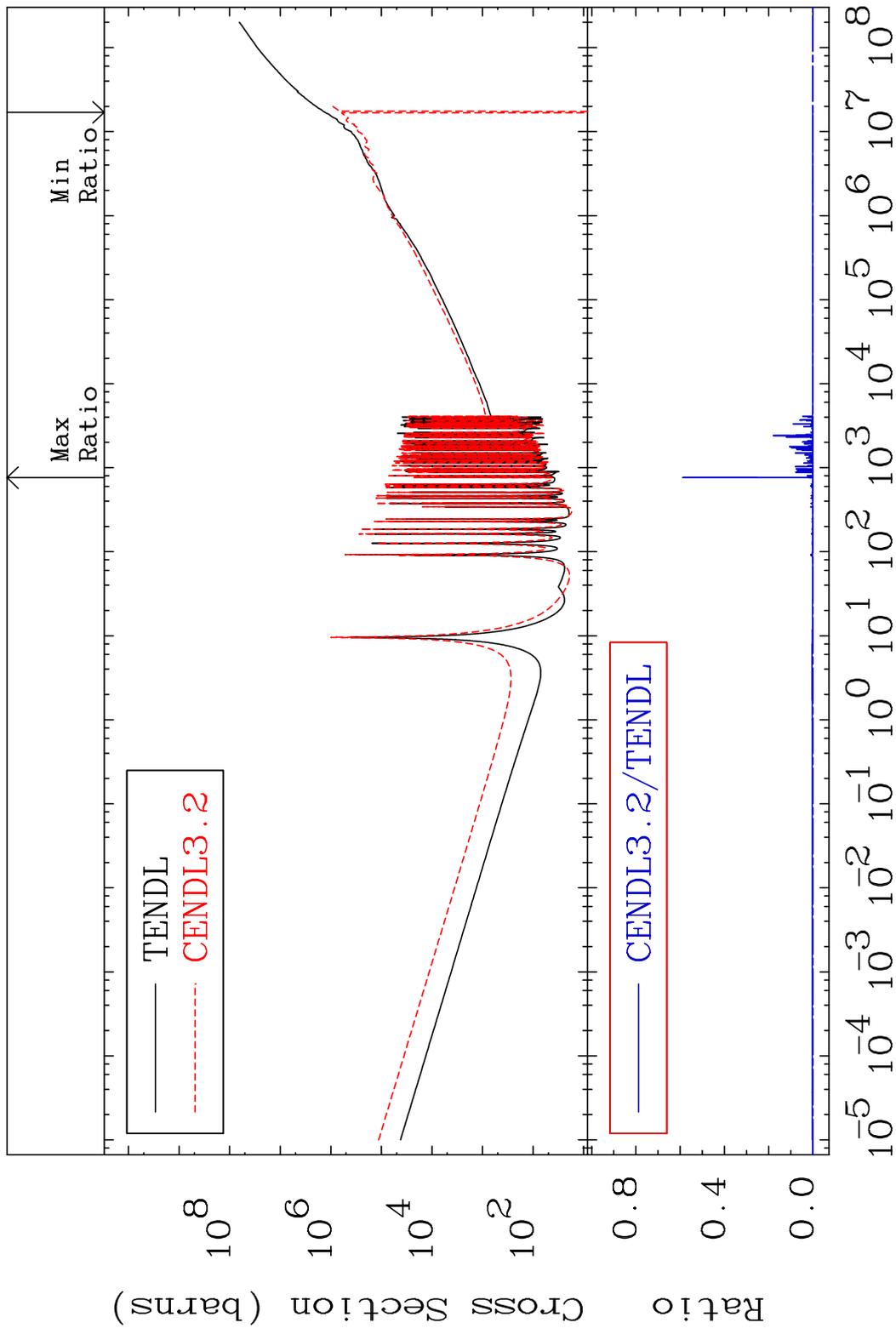


39

Incident Energy (eV)

54-Xe-129

MAT 5440 Kerma total (eV-barns) 54-Xe-129  
 Cross Section -208.3 To 9999. %



40 Incident Energy (eV) 54-Xe-129

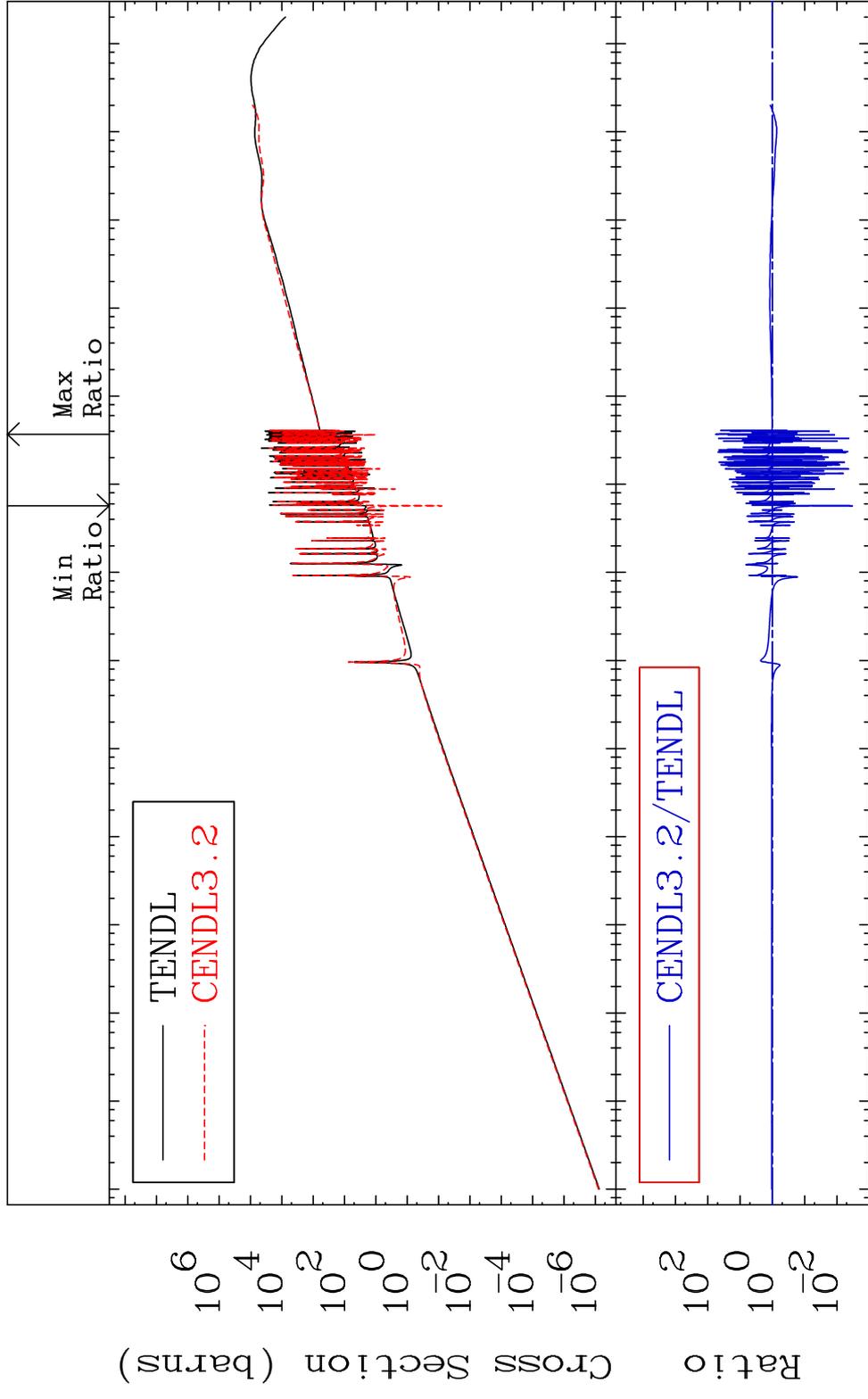
MAT 5440

Kerma elastic

54-Xe-129

Cross Section

-99.67 To 5505. %

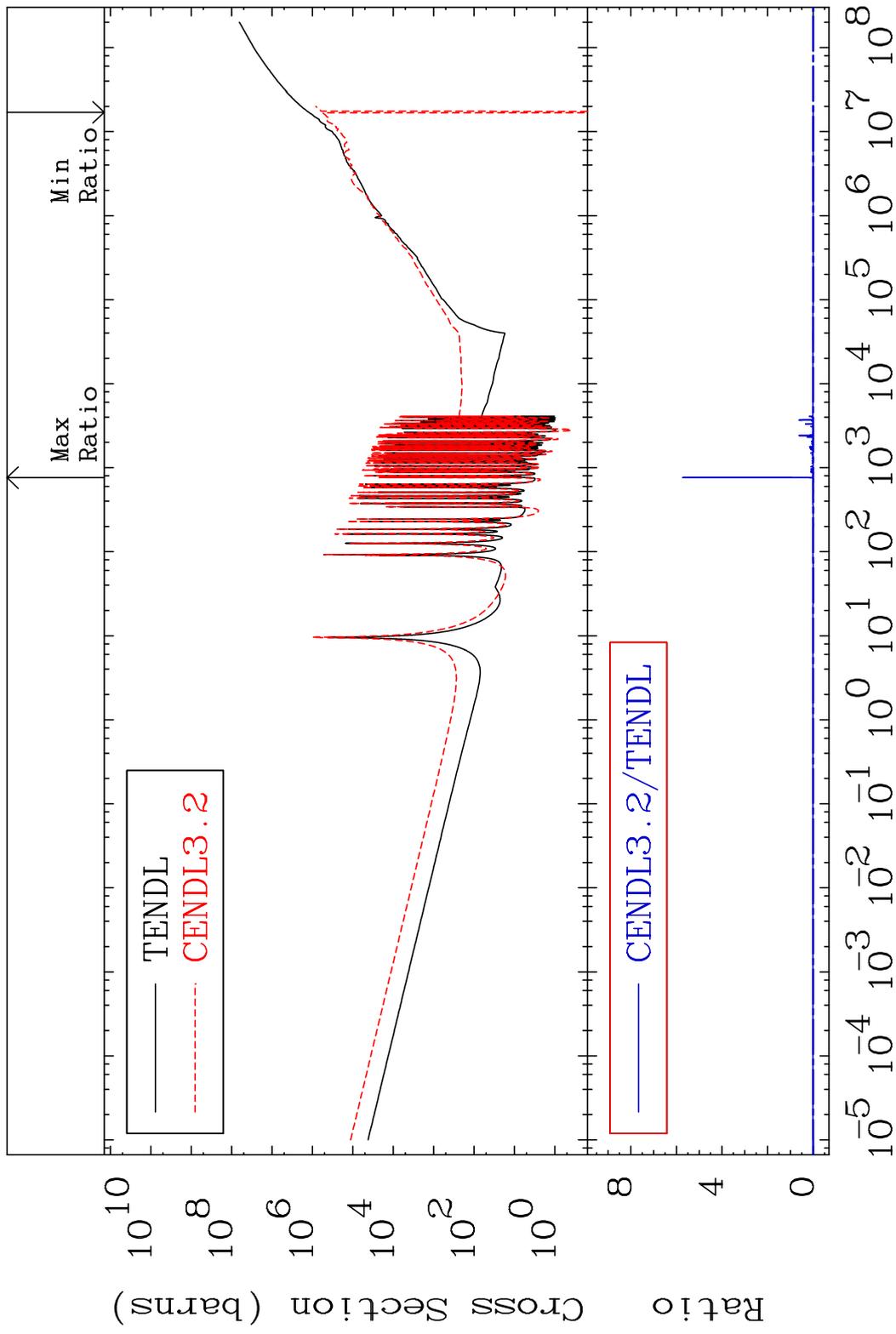


41

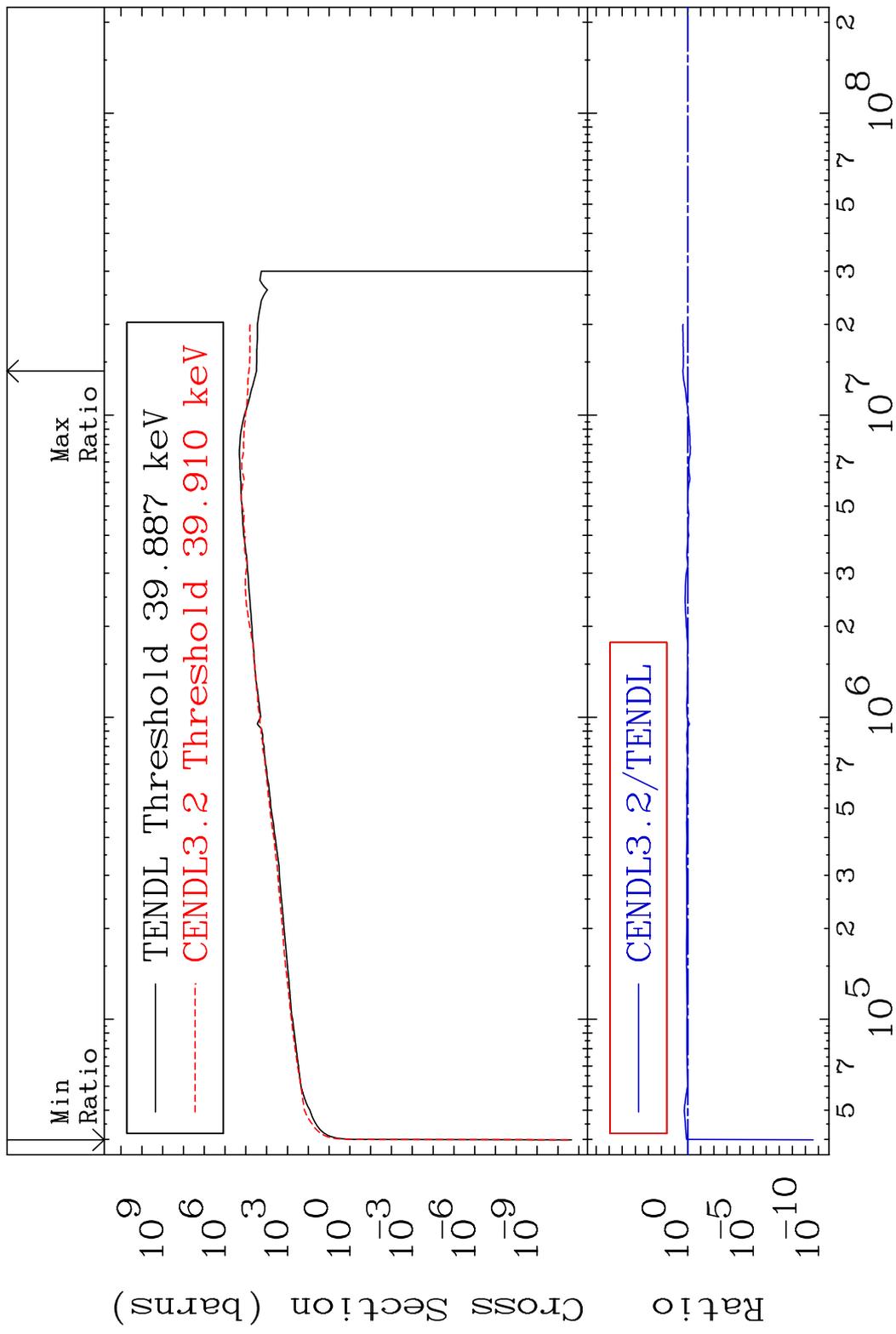
Incident Energy (eV)

54-Xe-129

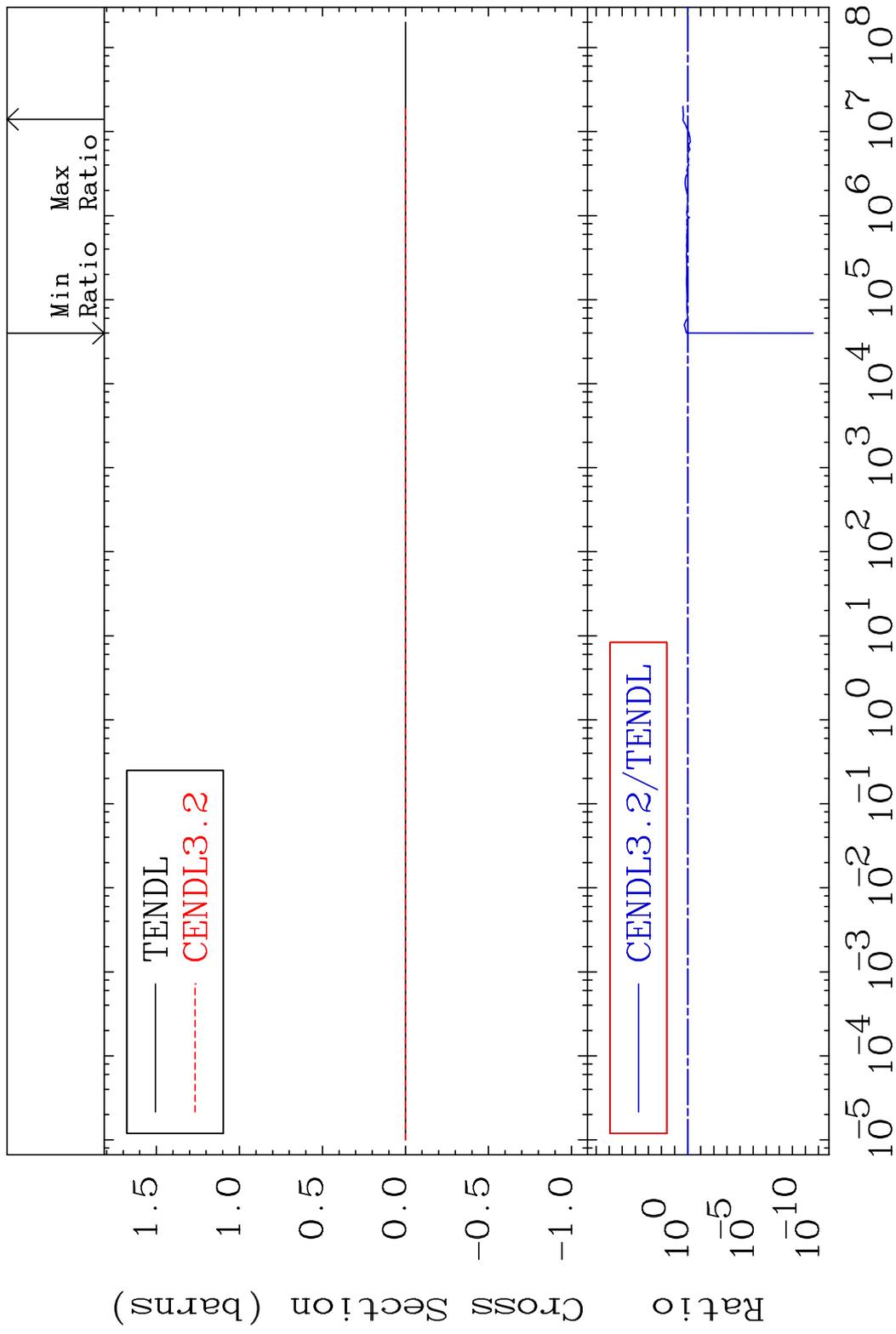
MAT 5440 Kerma non-elastic (all but mt2) 54-Xe-129  
 Cross Section -219.7 To 9999. %



MAT 5440 Kerma inelastic (mt51-91) 54-Xe-129  
 Cross Section -100.0 To 134.5 %

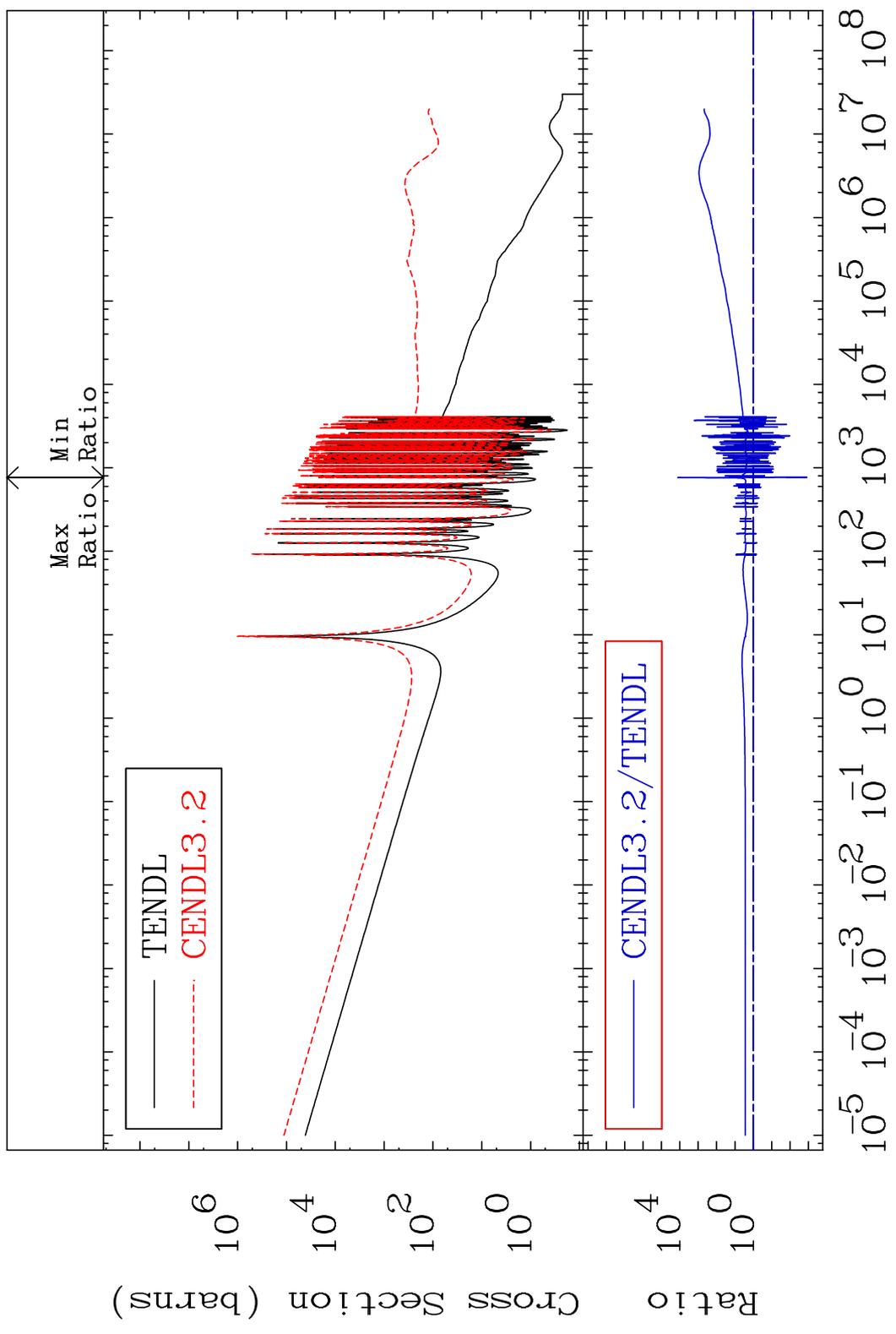


MAT 5440 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-129  
 Cross Section -100.0 To 134.5 %



MAT 5440

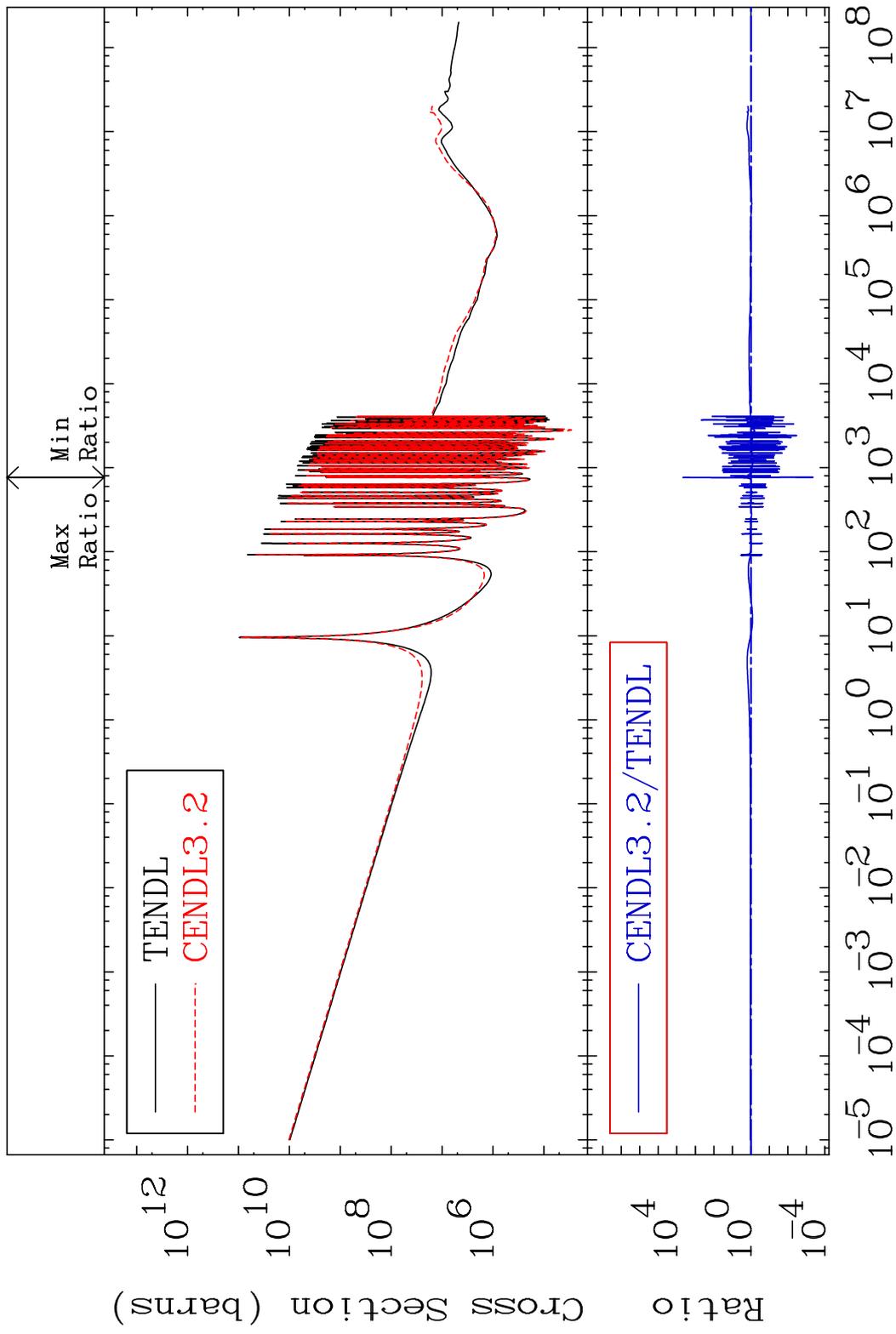
Kerma capture (mt102) 54-Xe-129  
Cross Section -99.88 To 9999. %



45

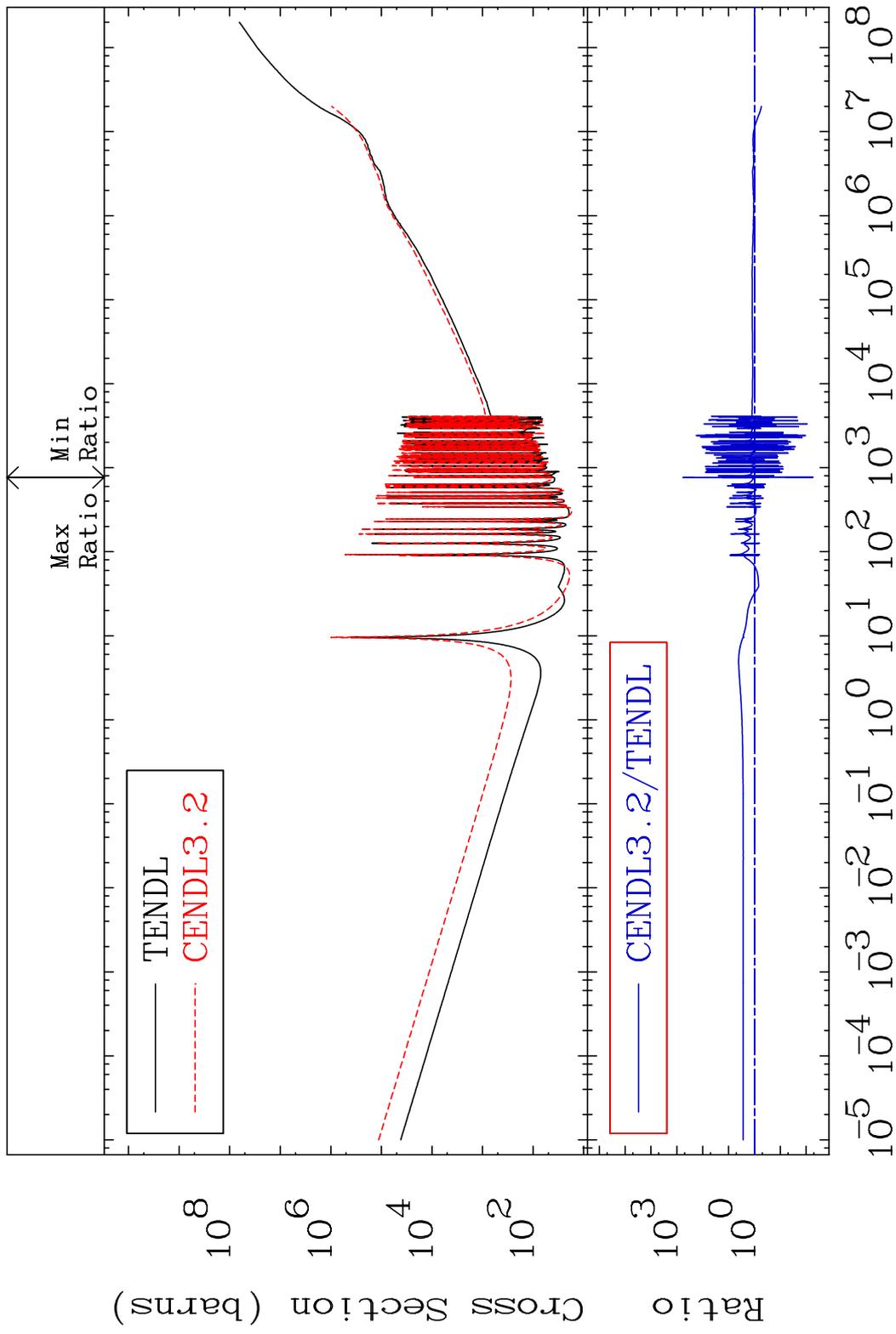
Incident Energy (eV) 54-Xe-129

MAT 5440 Total photon (eV-barns) 54-Xe-129  
 Cross Section -99.96 To 9999. %



46 Incident Energy (eV) 54-Xe-129

MAT 5440 Total kinematic kerma (high limit) 54-Xe-129  
 Cross Section -99.46 To 9999. %

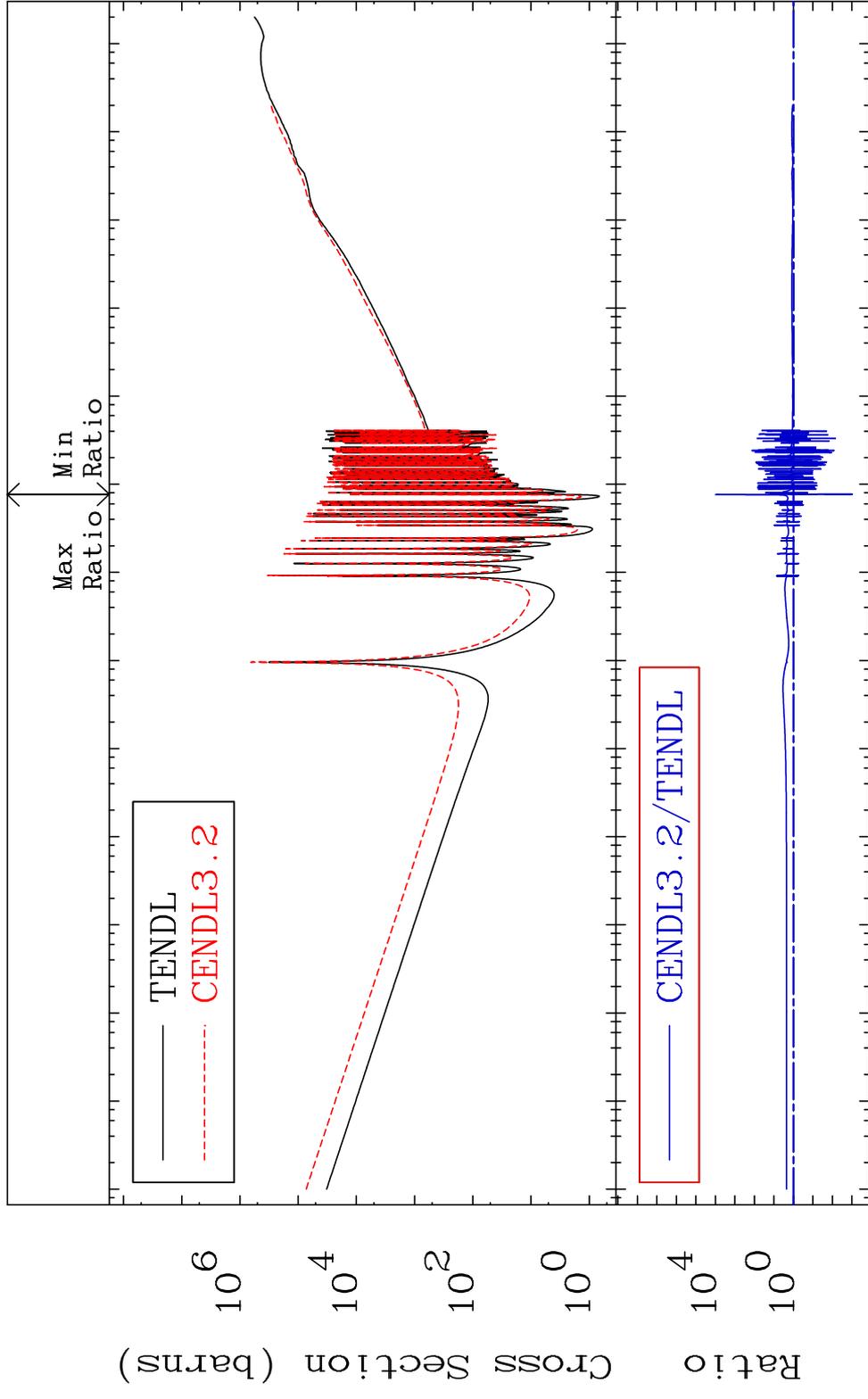


MAT 5440

Dpa total (eV-barns)

54-Xe-129

Cross Section -99.91 To 9999. %



48

Incident Energy (eV)

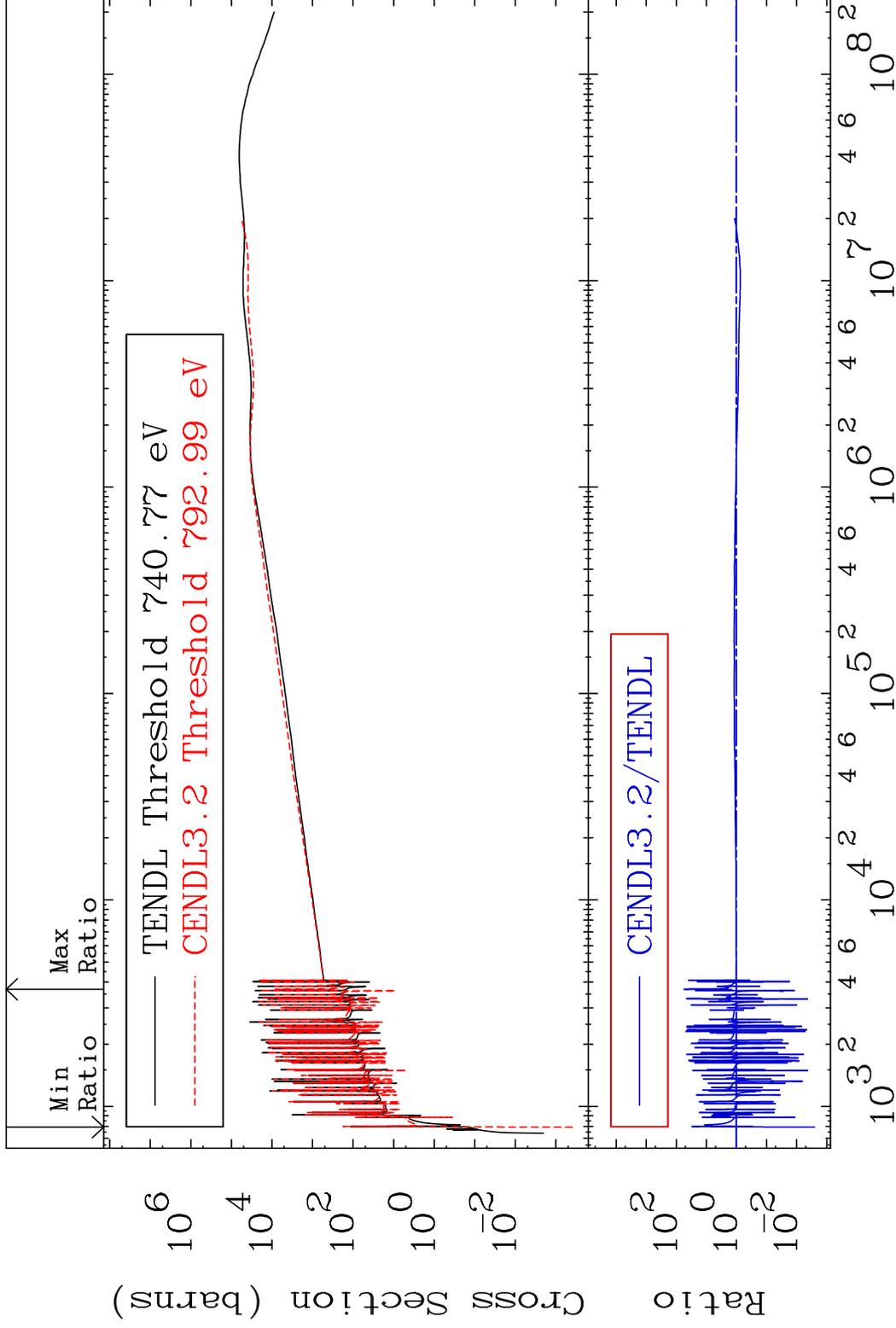
54-Xe-129

MAT 5440

Dpa elastic (mt2)

54-Xe-129

Cross Section -99.75 To 5491. %

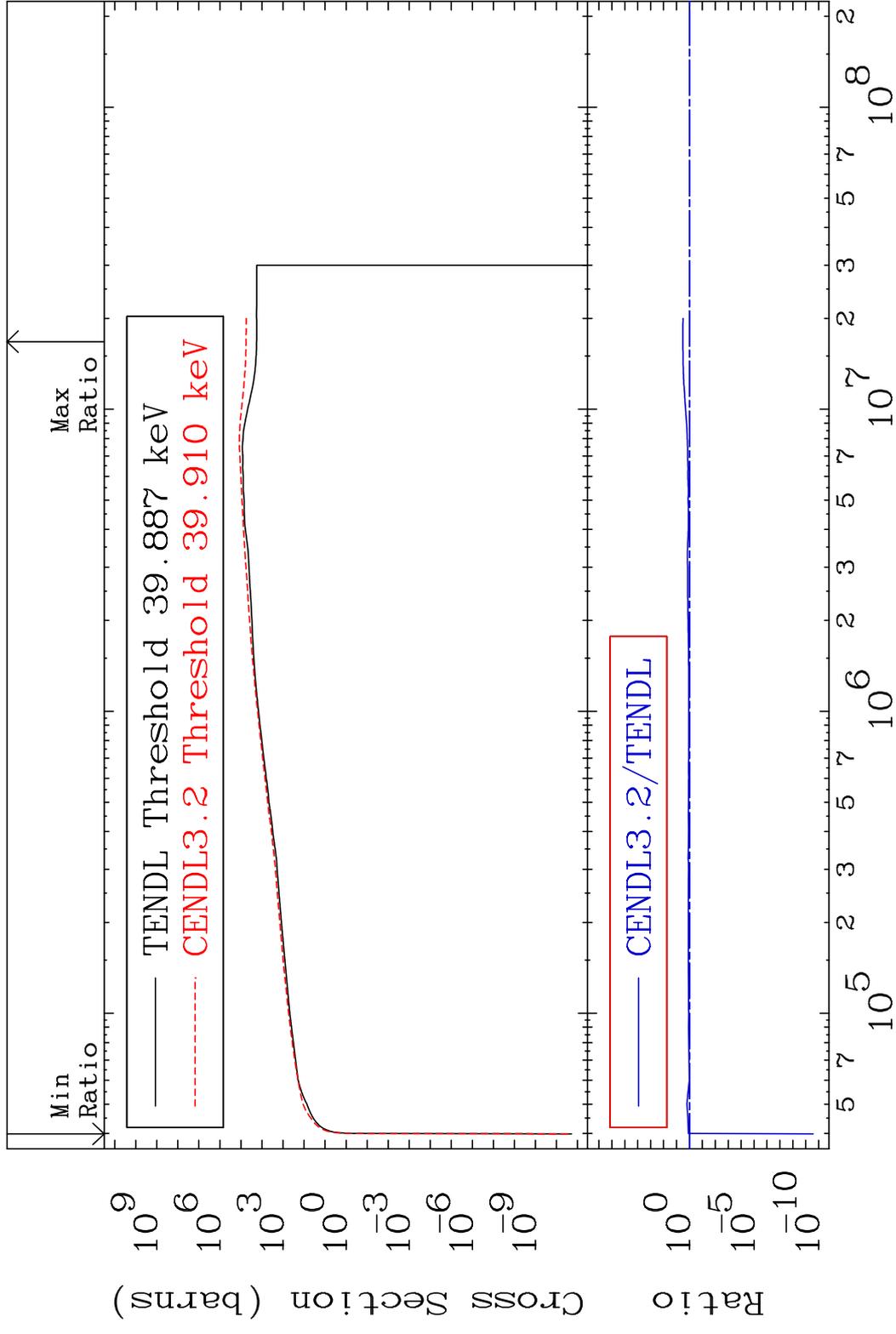


49

Incident Energy (eV)

54-Xe-129

MAT 5440      Dpa inelastic (mt51-91)      54-Xe-129  
 Cross Section      -100.0 To 223.4 %



MAT 5440 Dpa disappearance (mt102 -120) 54-Xe-129  
 Cross Section -99.91 To 9999. %

