

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

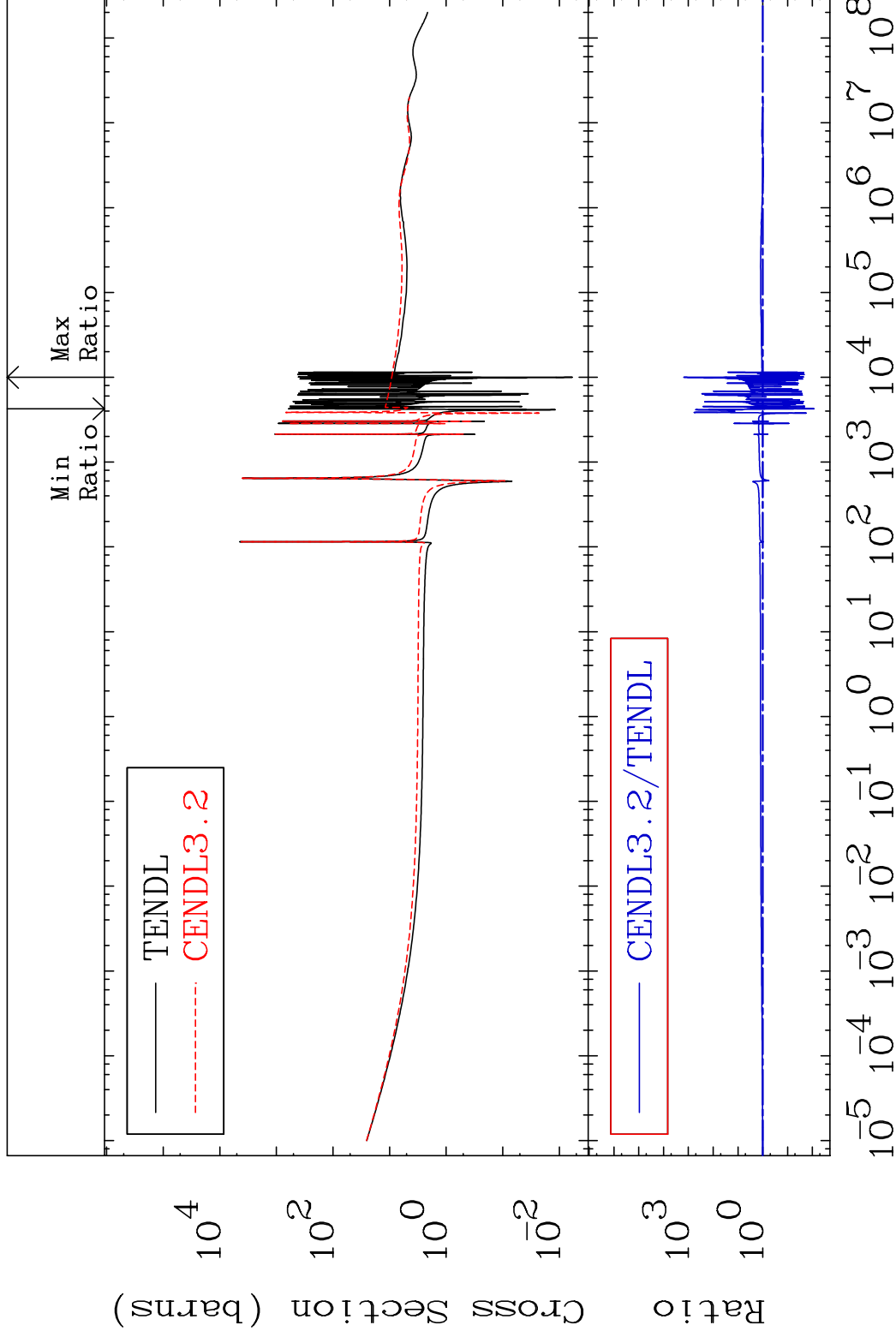
MAT 5449

Total

54-Xe-132

Cross Section

-99.15 To 9999. %



1

Incident Energy (eV)

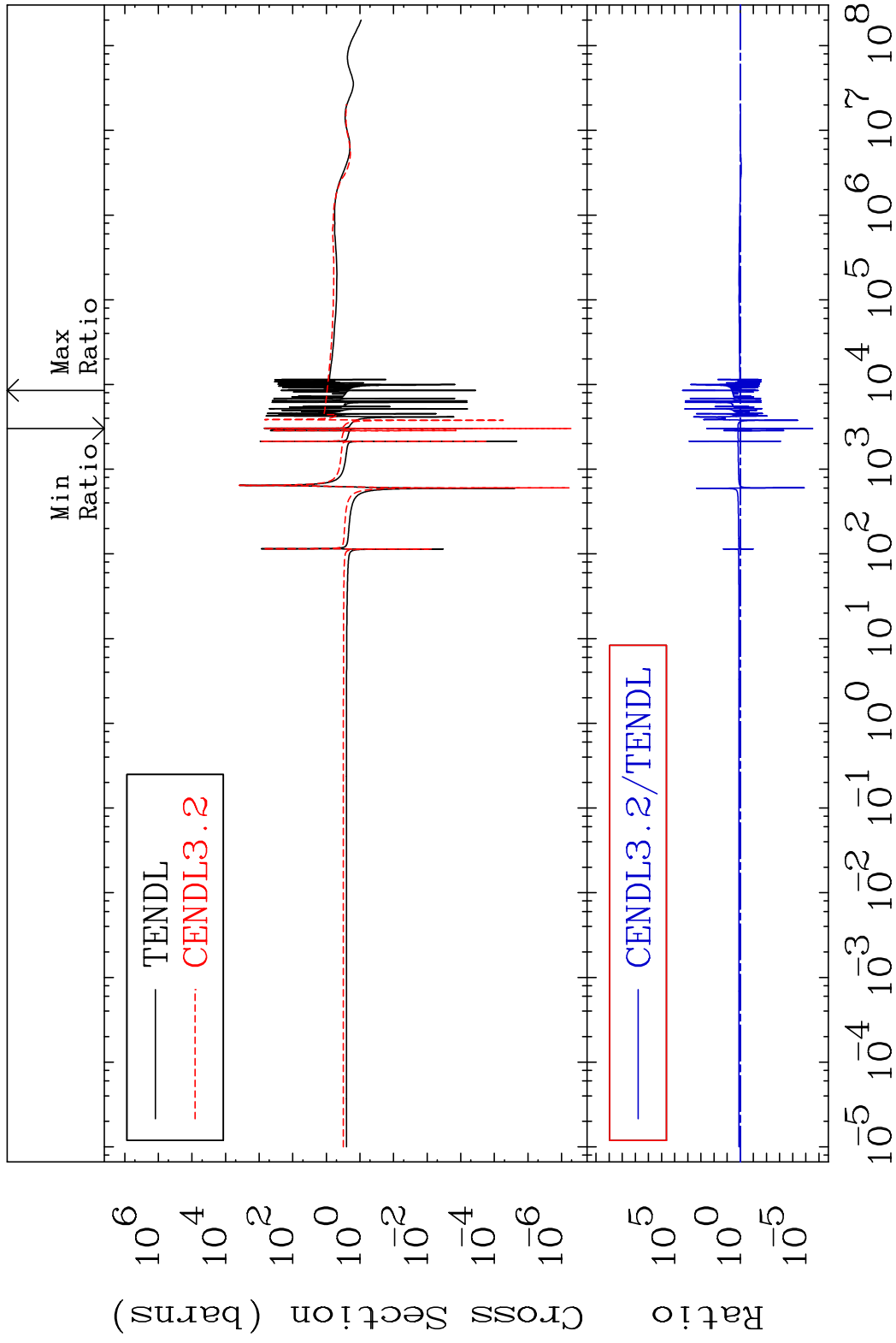
54-Xe-132

MAT 5449

Elastic

54-Xe-132

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

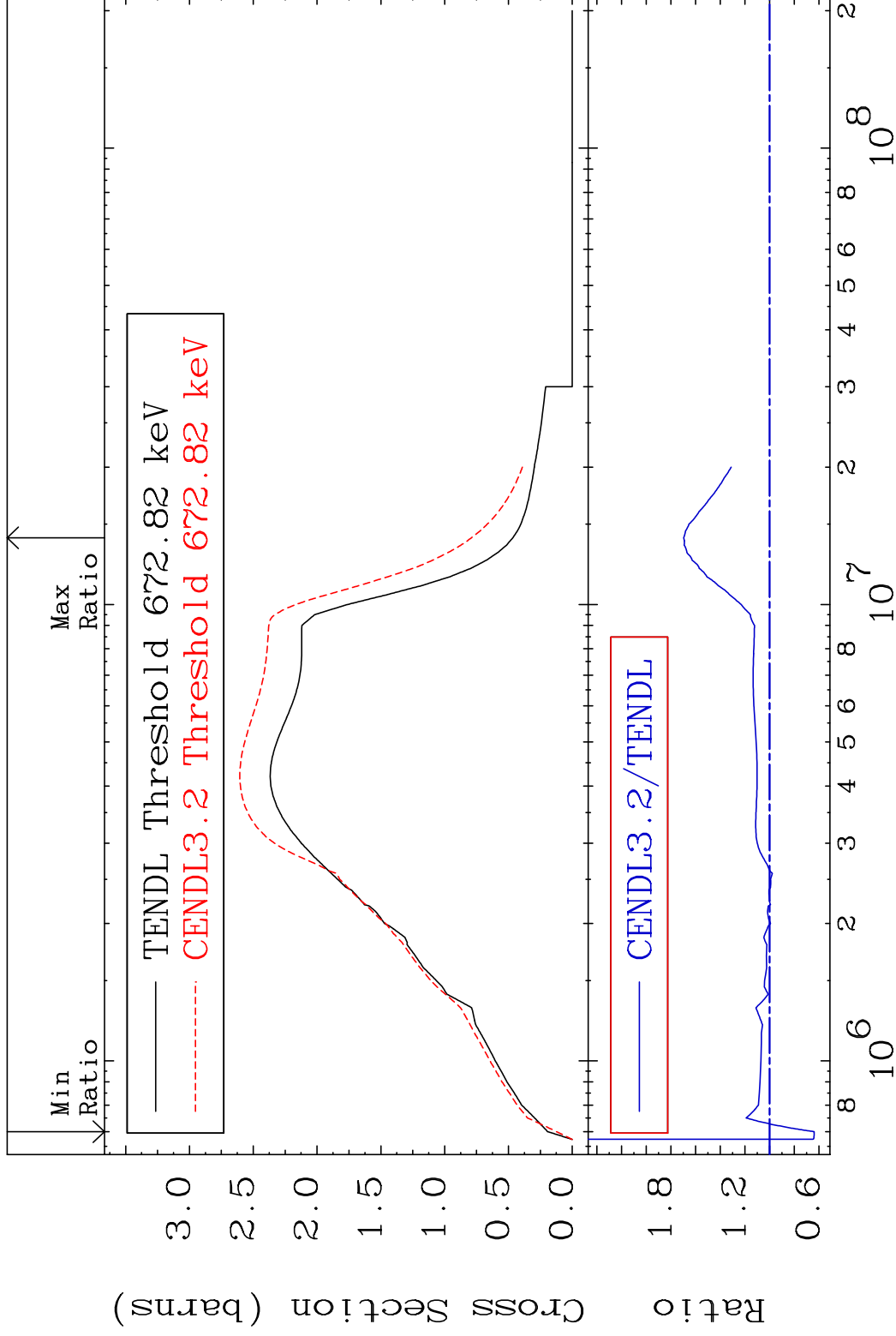
54-Xe-132

MAT 5449

Inelastic

54-Xe-132

Cross Section -36.13 To 69.67 %



3

Incident Energy (eV)

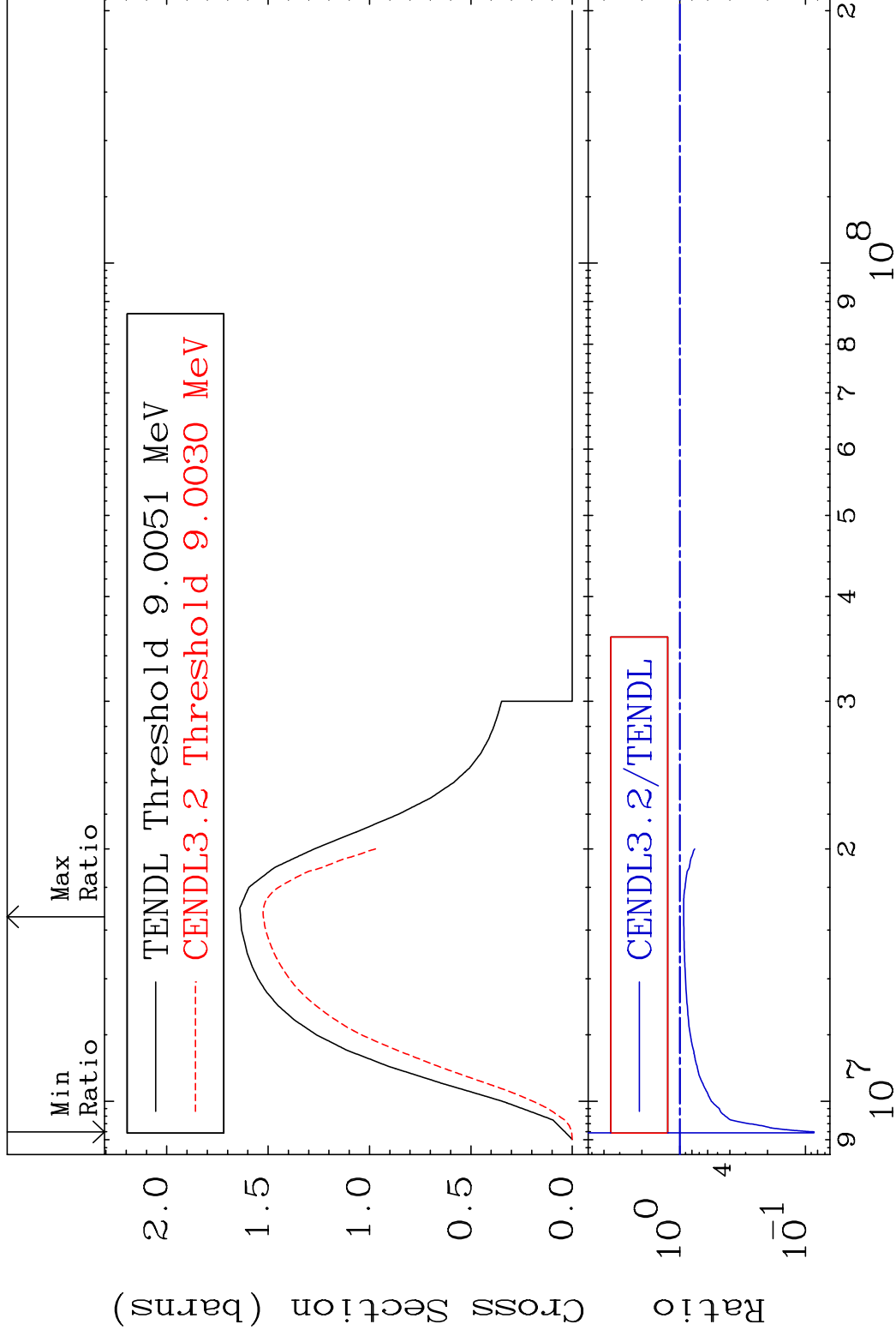
54-Xe-132

MAT 5449

(n,2n)

54-Xe-132

Cross Section -91.46 To -6.904%



4

Incident Energy (eV)

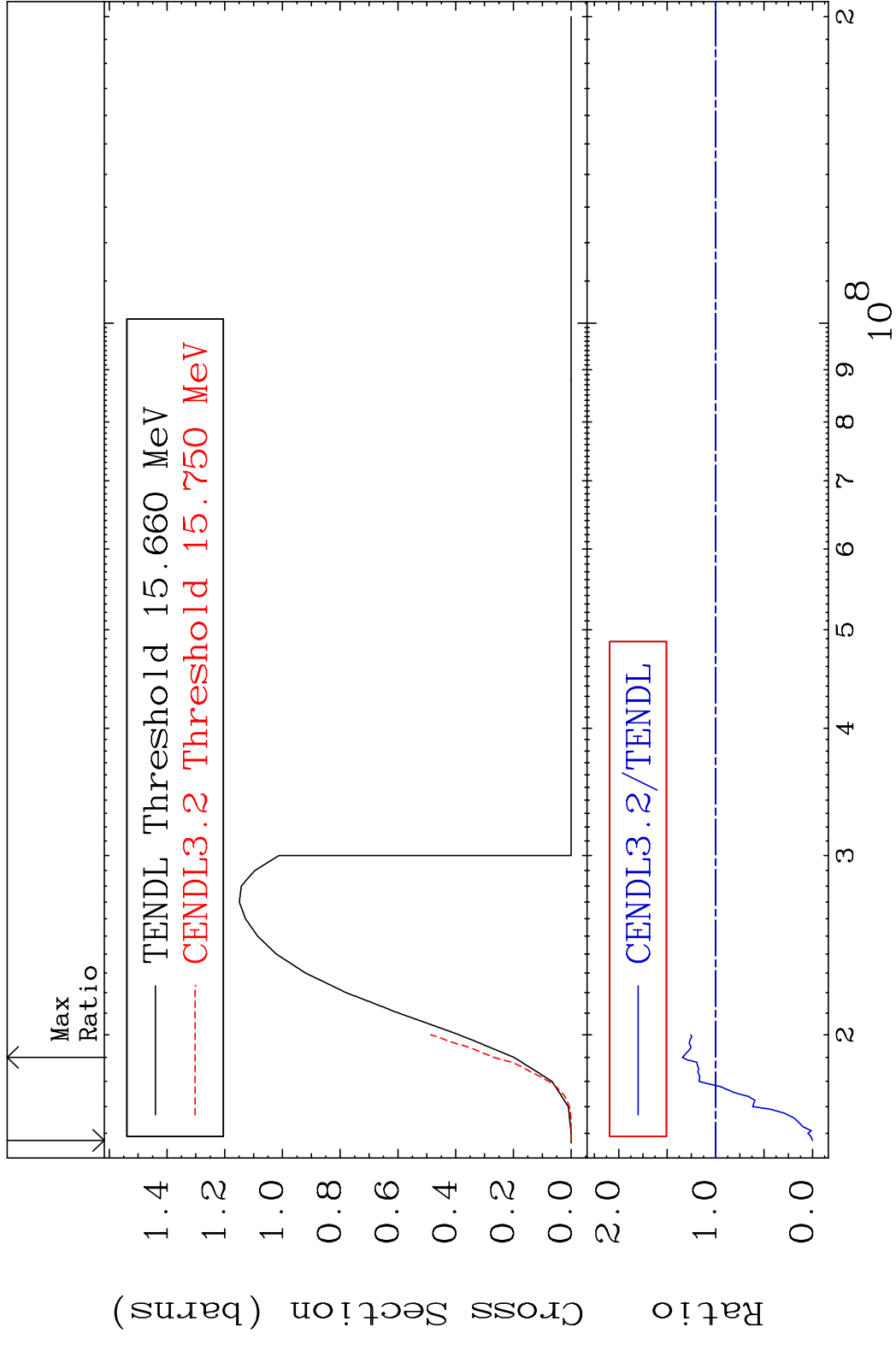
54-Xe-132

MAT 5449

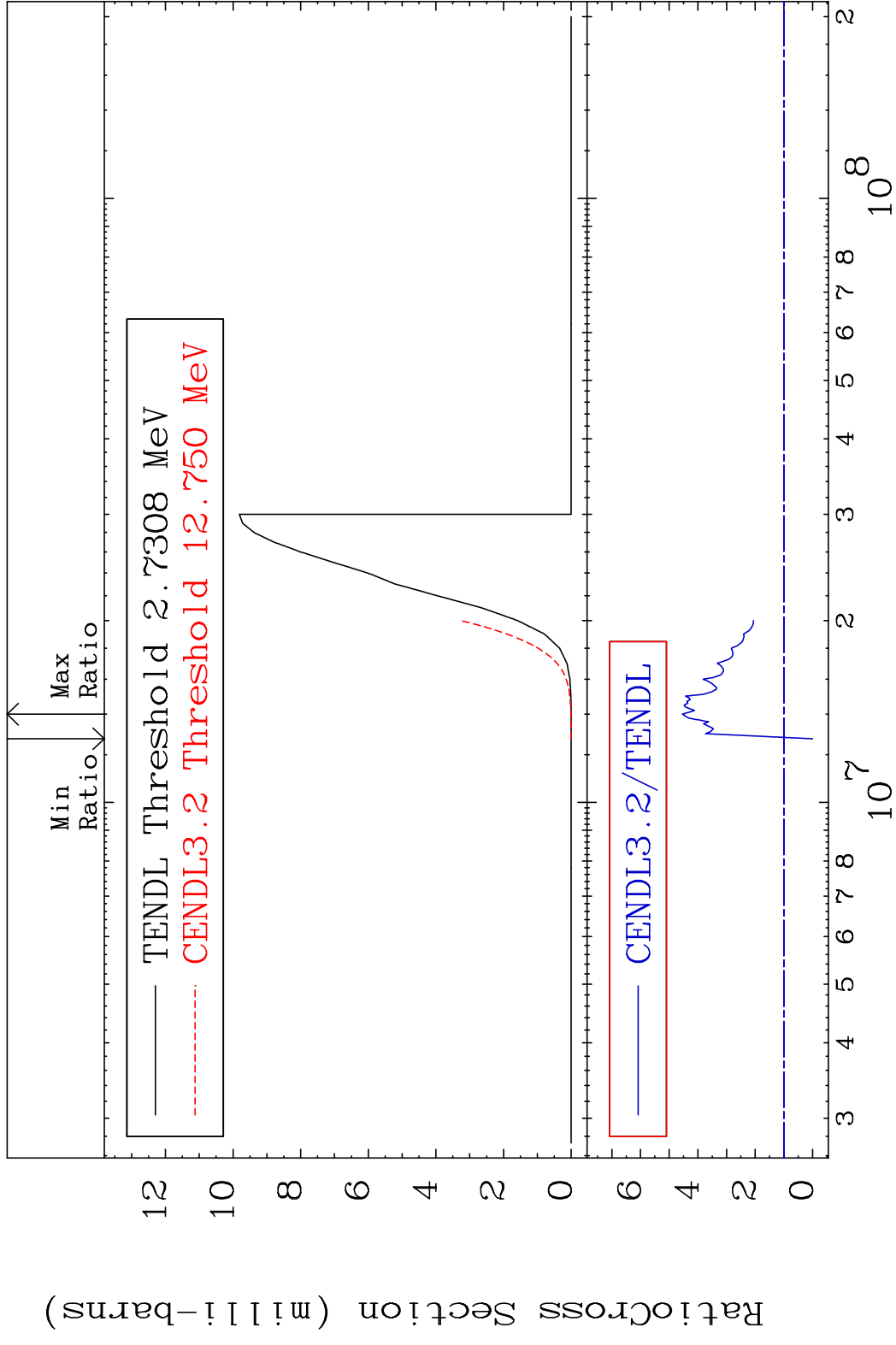
(n,3n)

54-Xe-132

Cross Section -100.0 To 34.31 %



MAT 5449 (n, n') α 54-Xe-132
 Cross Section -100.0 To 354.1 %

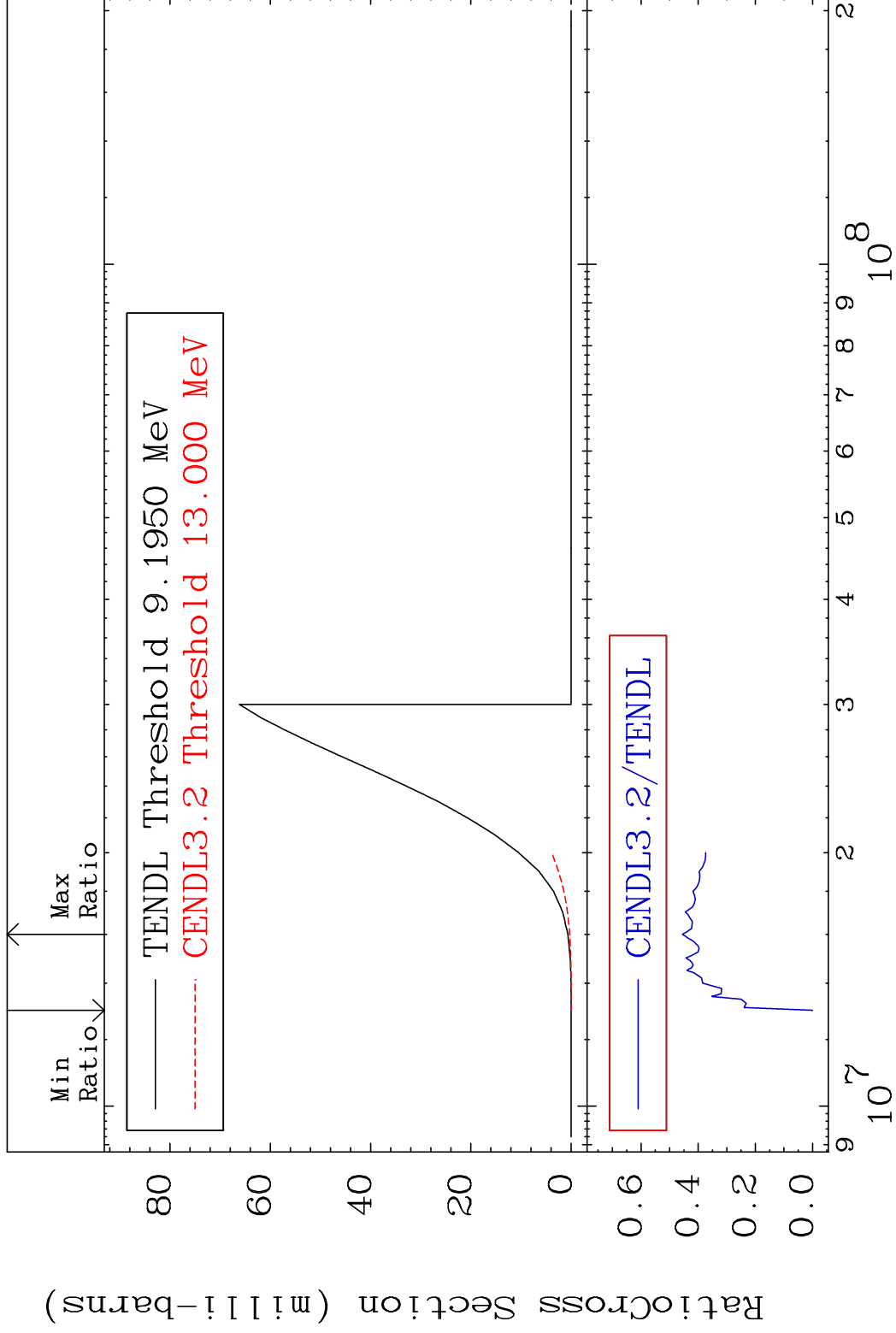


MAT 5449

(n, n') p

54-Xe-132

Cross Section -100.0 To -54.46%

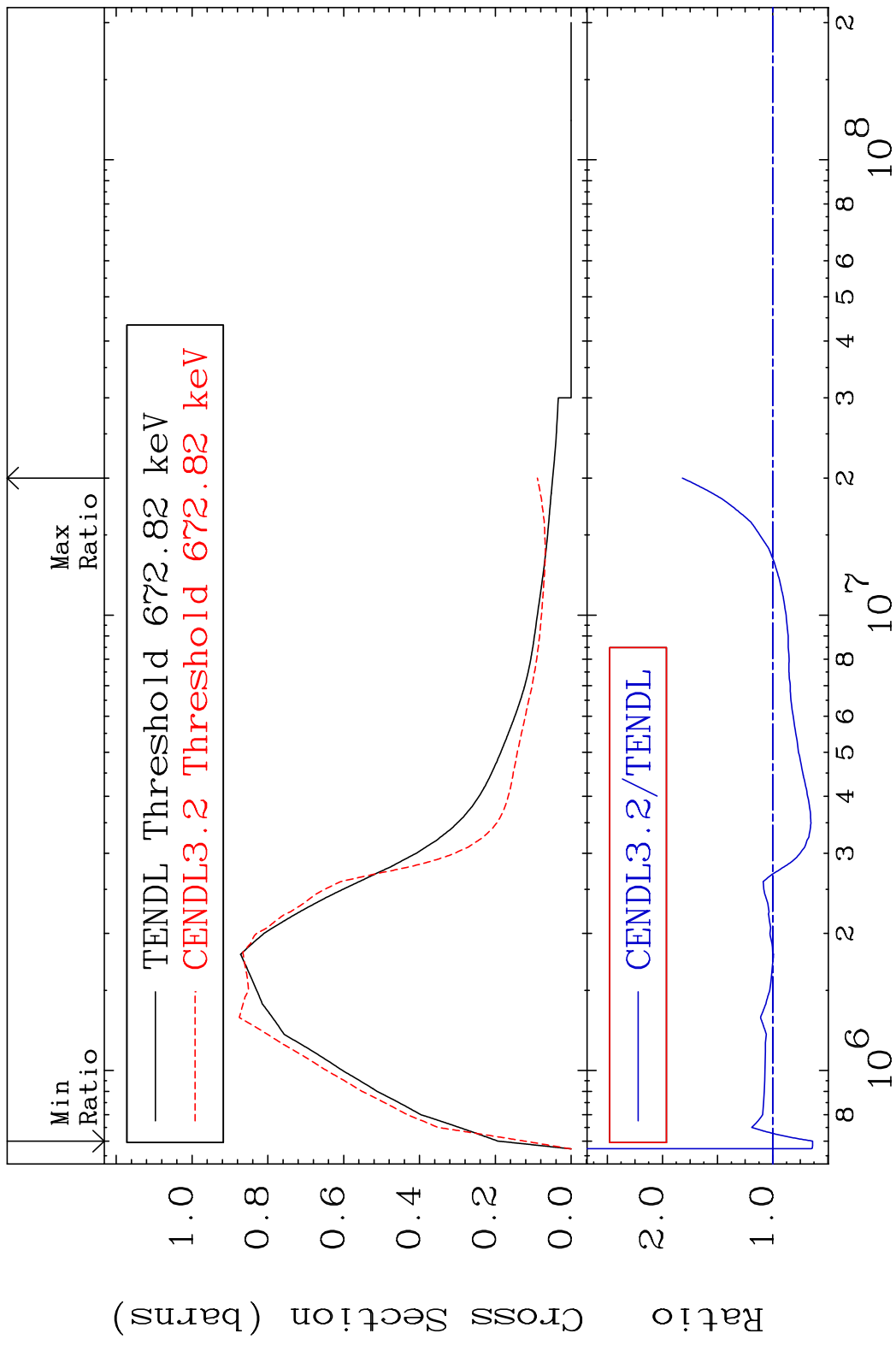


7

Incident Energy (eV)

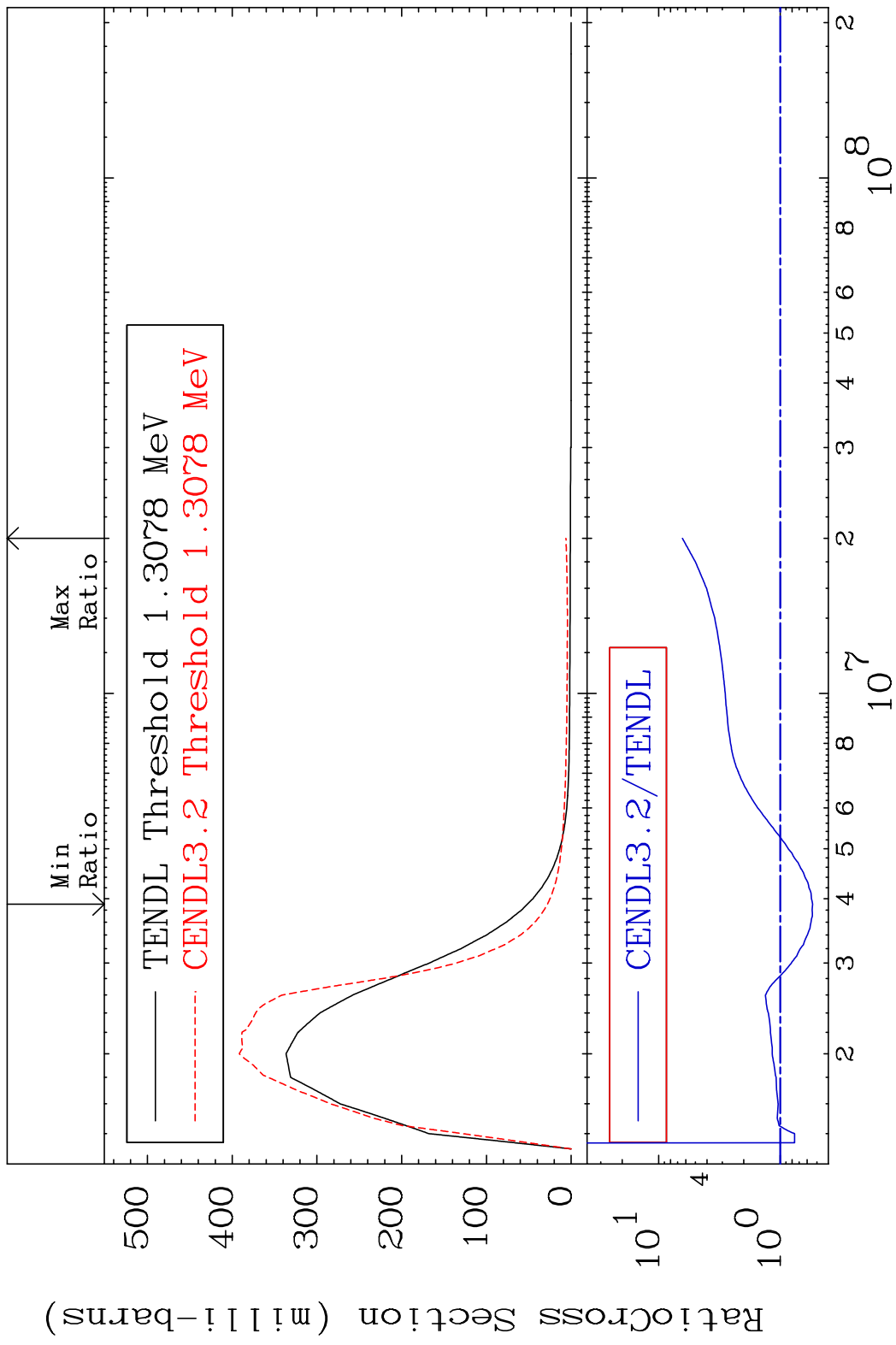
54-Xe-132

MAT 5449 MT= 51 (n, n') Level 54-Xe-132
 Cross Section -36.13 To 81.98 %

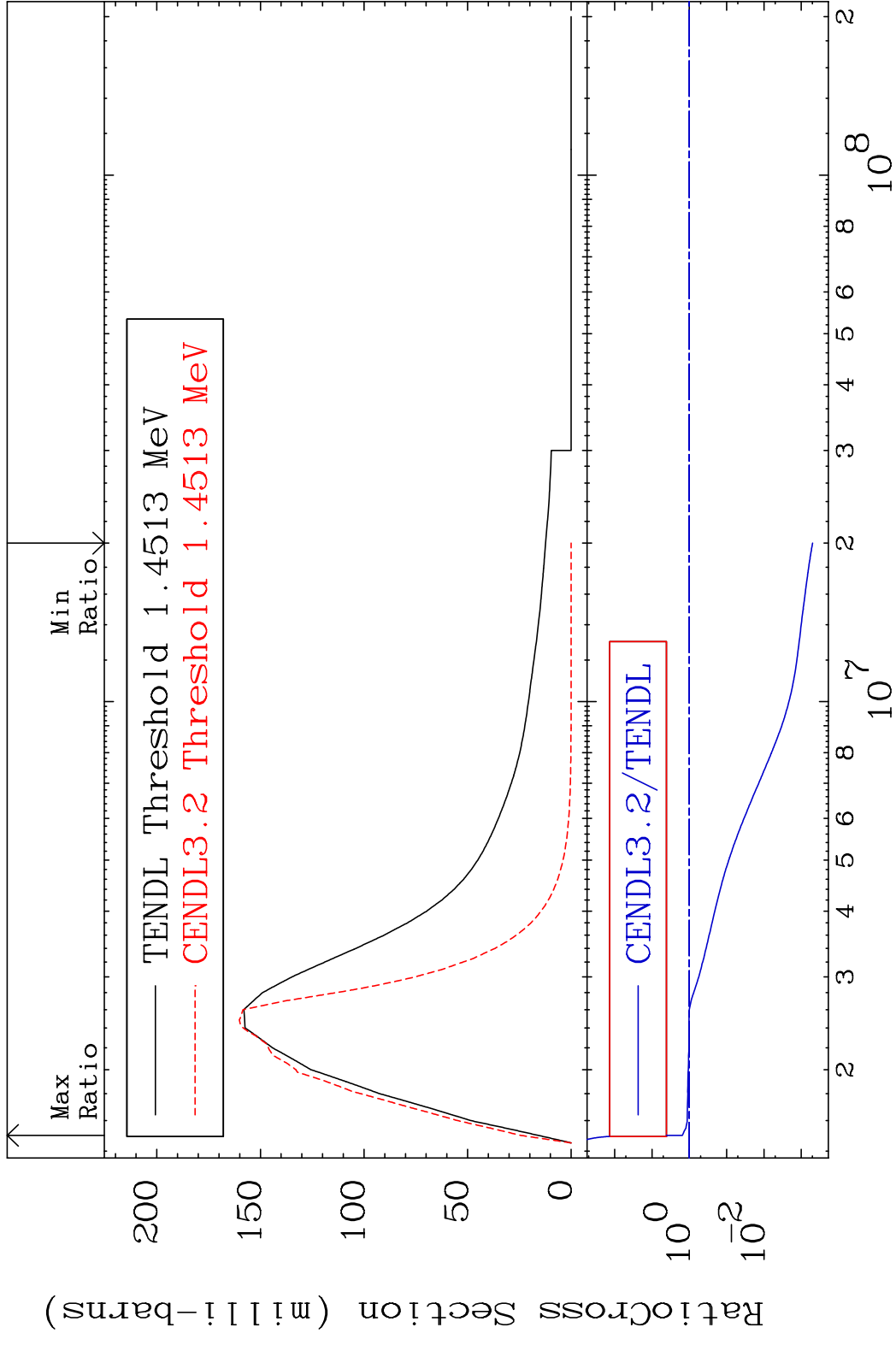


8 Incident Energy (eV) 54-Xe-132

MAT 5449 MT= 52 (n, n') Level 54-Xe-132
 Cross Section -45.75 To 539.3 %

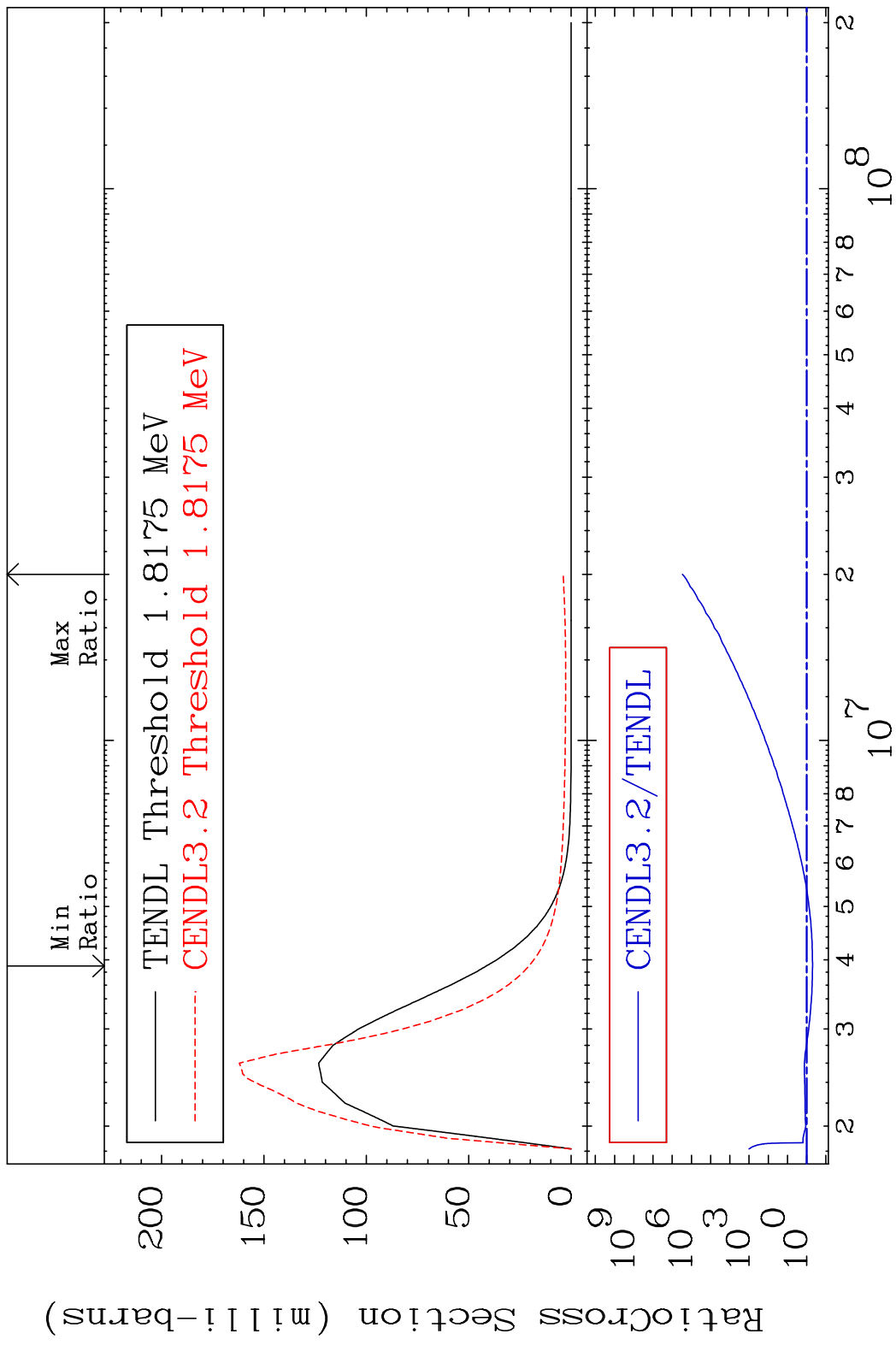


MAT 5449 MT= 53 (n, n') Level 54-Xe-132
 Cross Section -99.95 To 53.42 %

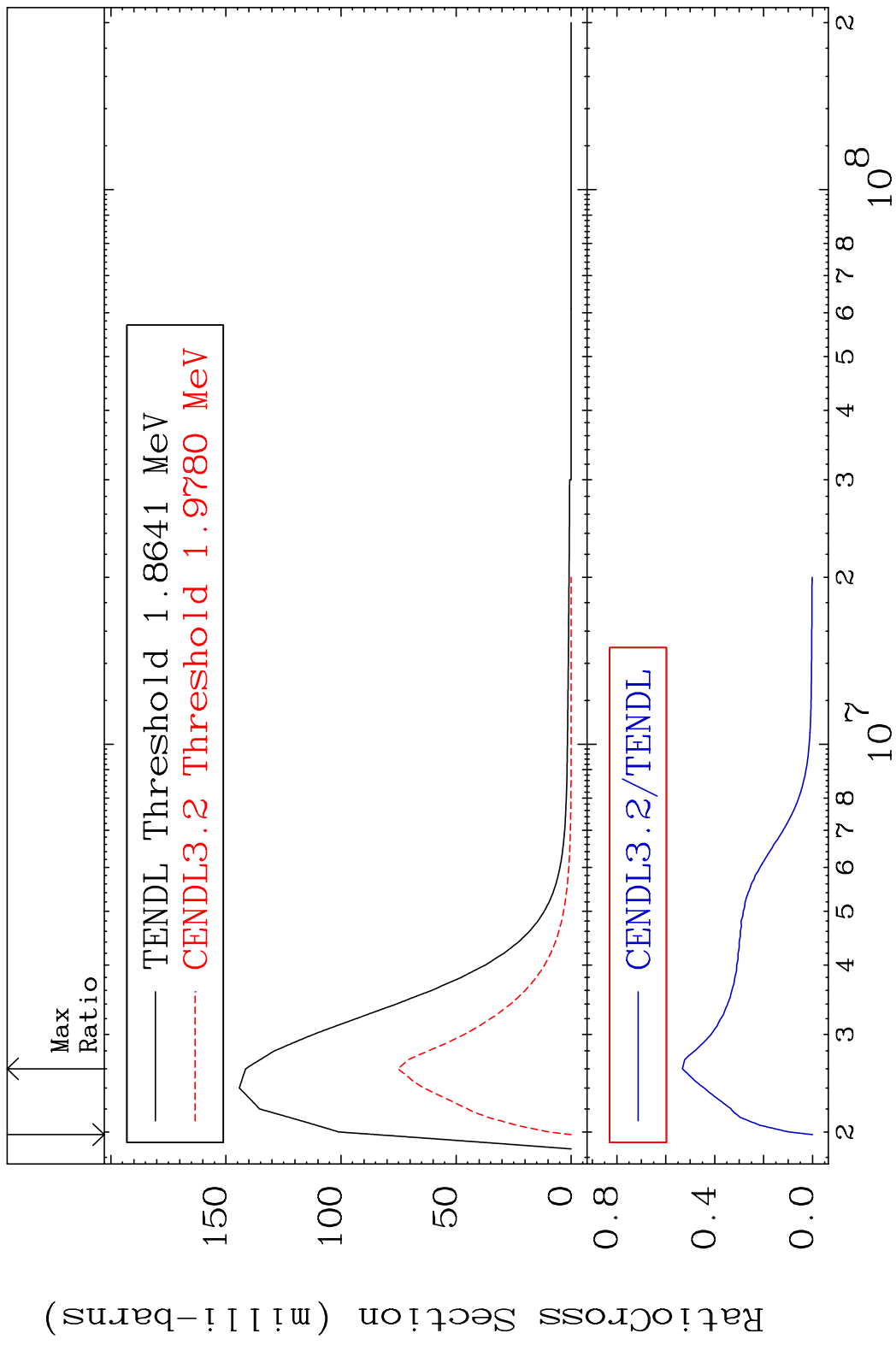


10 Incident Energy (eV) 54-Xe-132

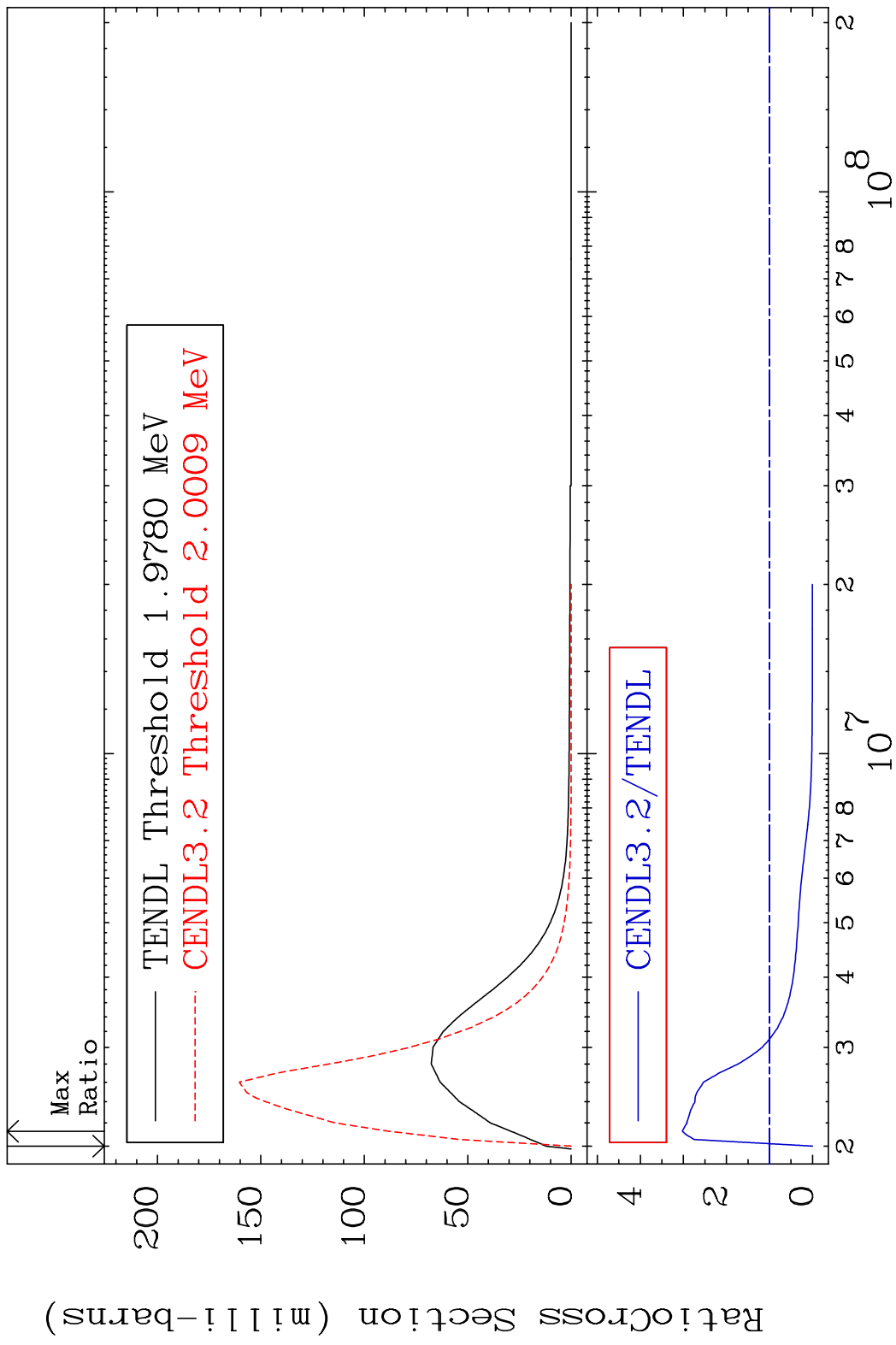
MAT 5449 MT= 54 (n, n') Level 54-Xe-132
 Cross Section -50.28 To 9999. %



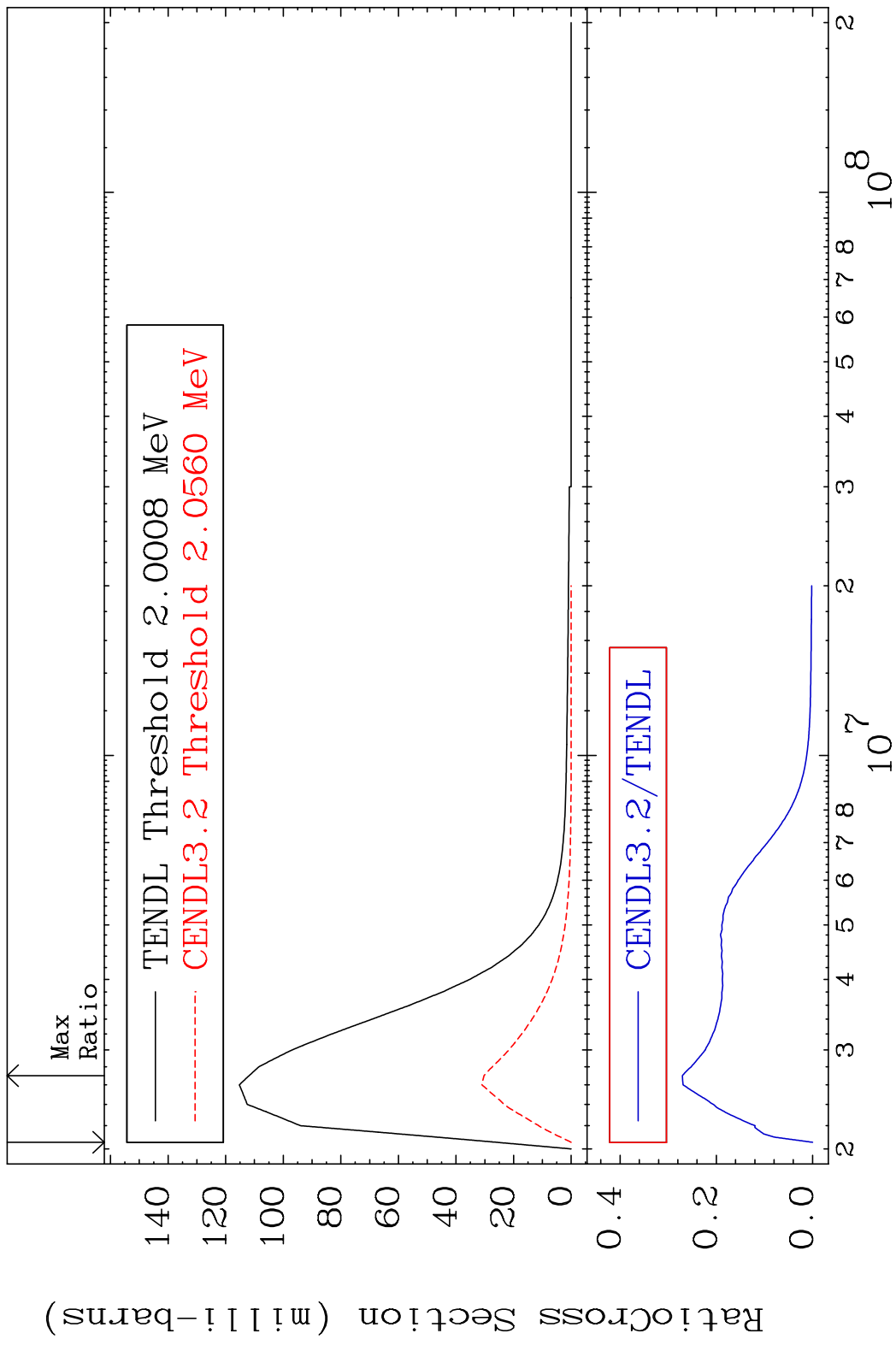
MAT 5449 MT= 55 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -46.77%



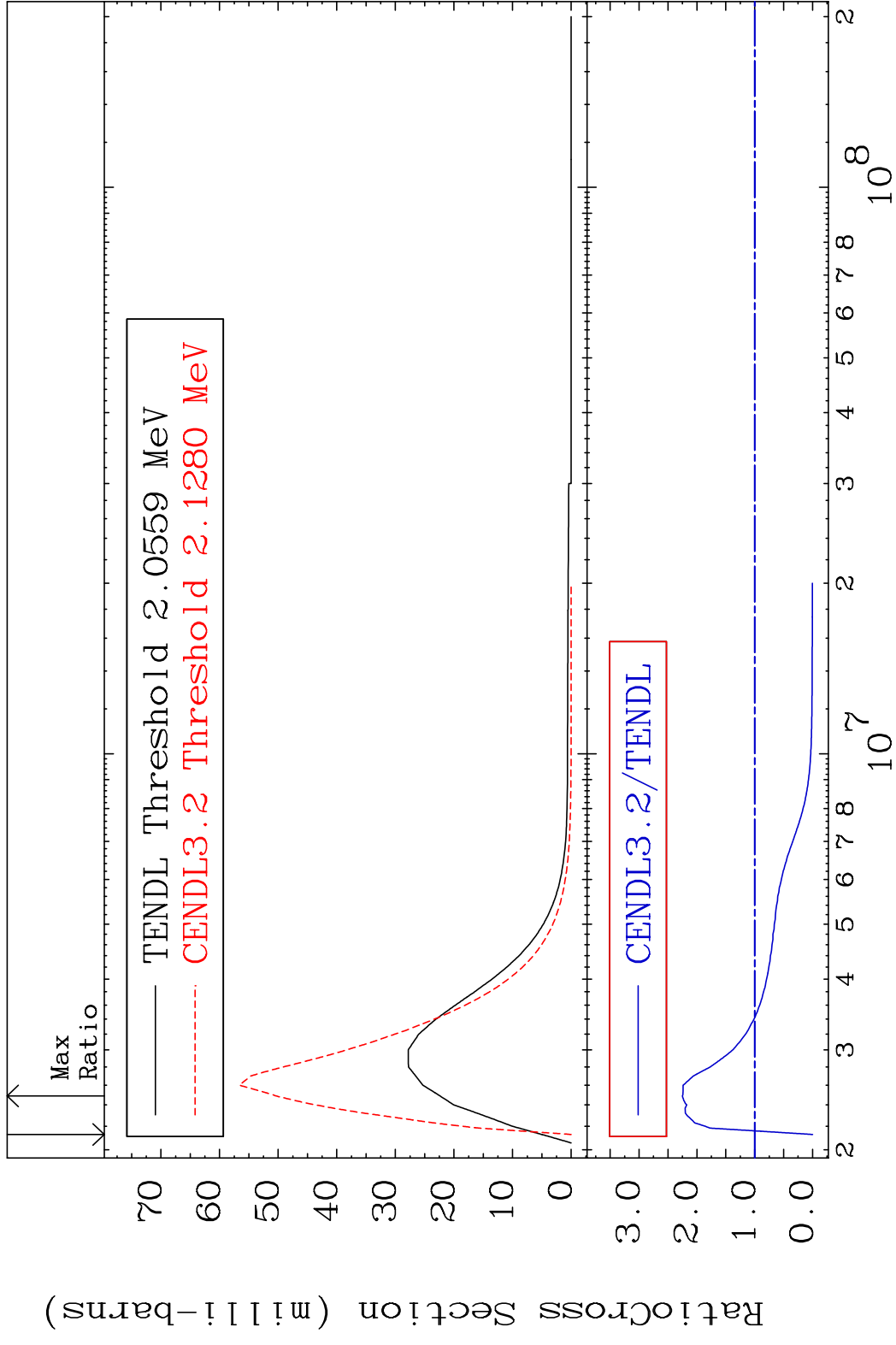
MAT 5449 MT= 56 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 202.4 %



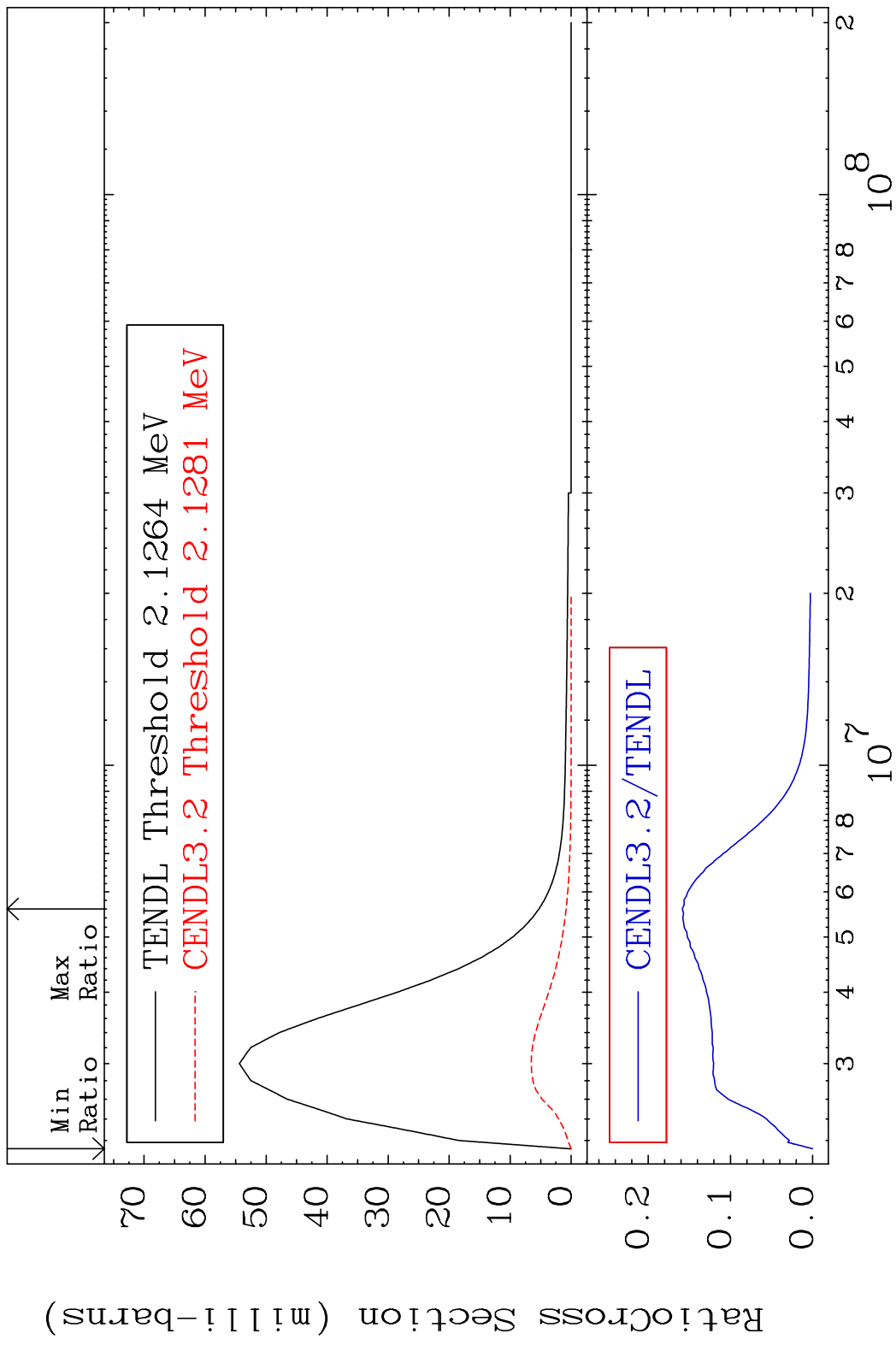
MAT 5449 MT= 57 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -72.94%



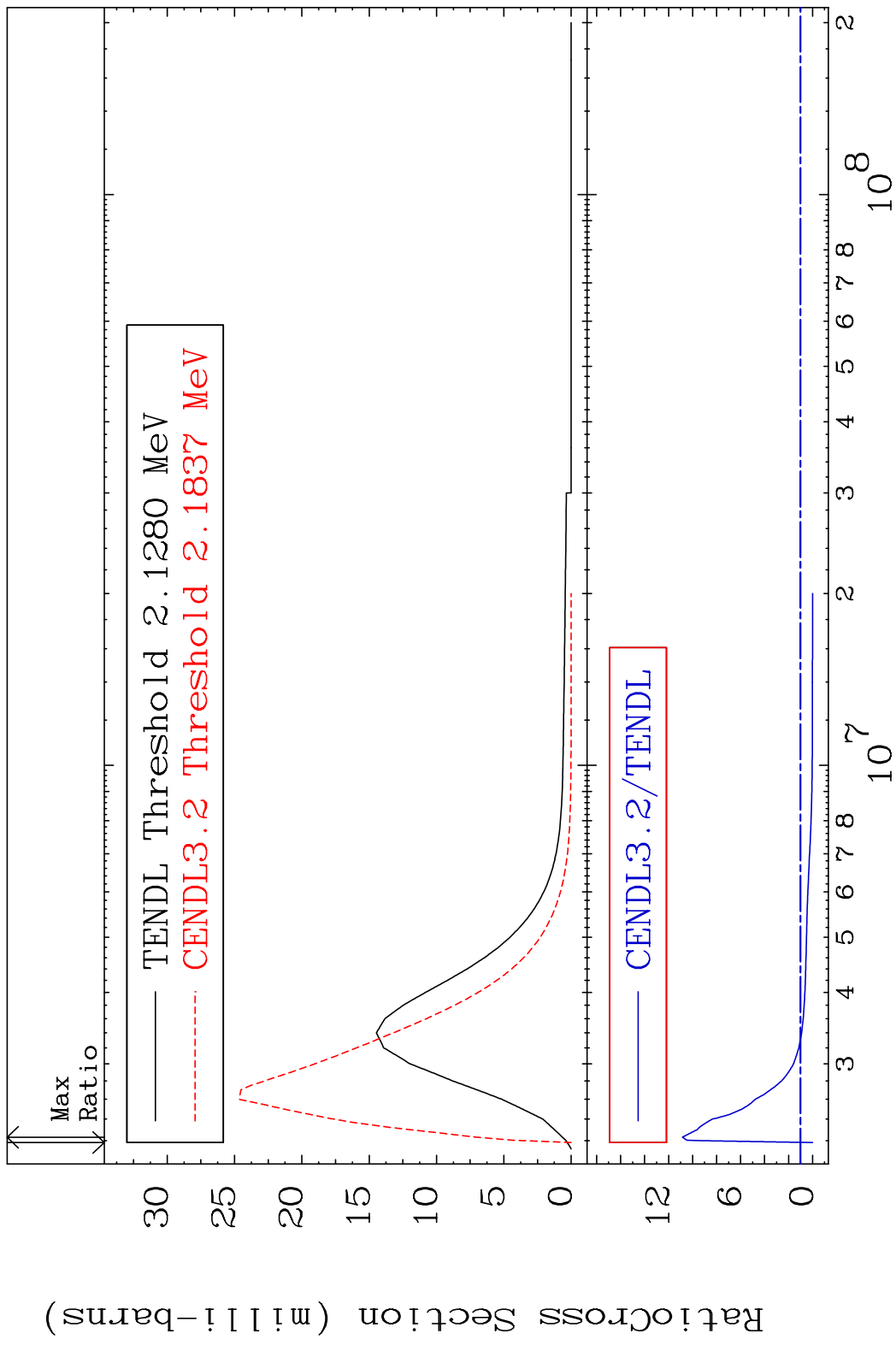
MAT 5449 MT= 58 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 125.1 %



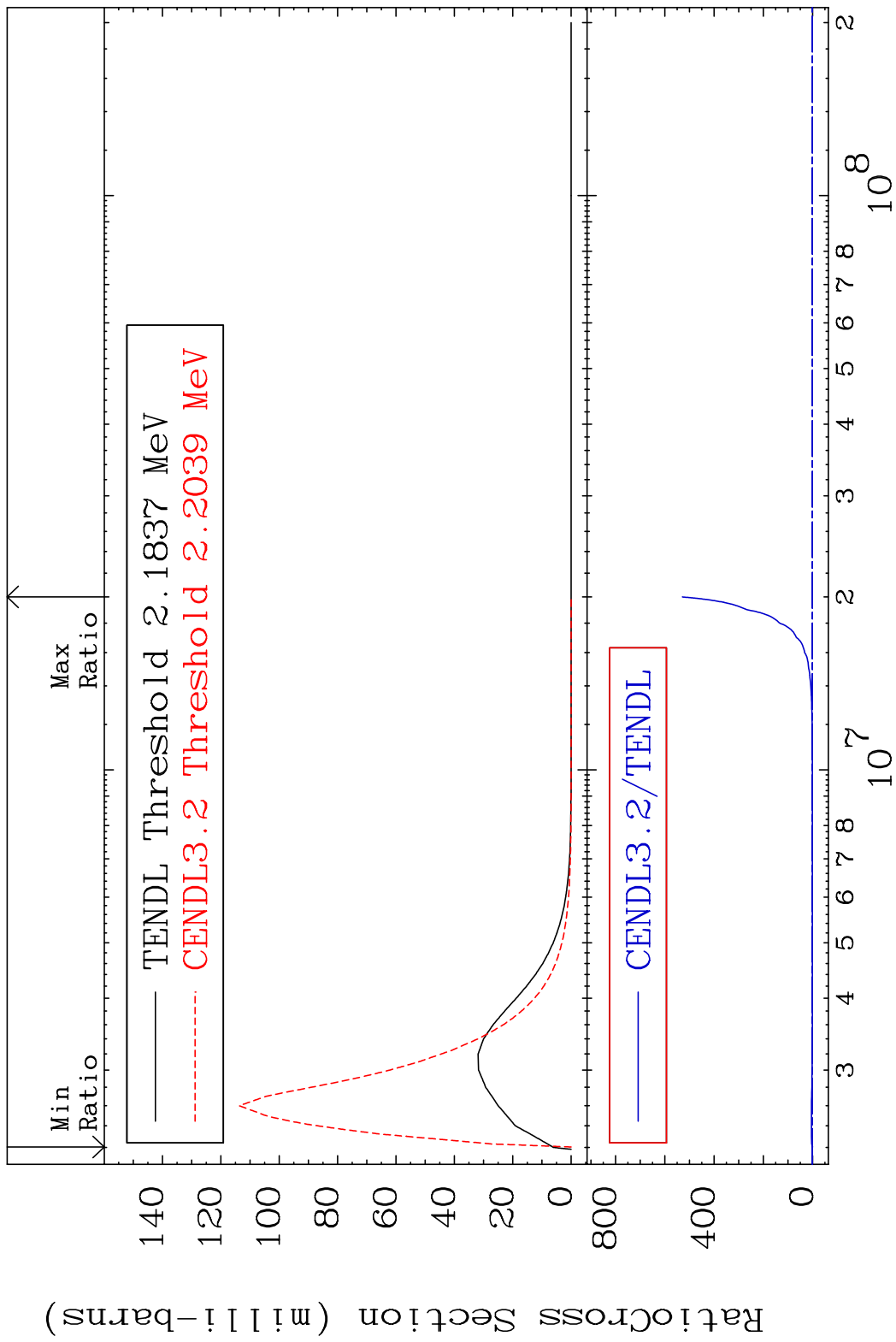
MAT 5449 MT= 59 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -84.15%



MAT 5449 MT= 60 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 985.3 %



MAT 5449 MT= 61 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %

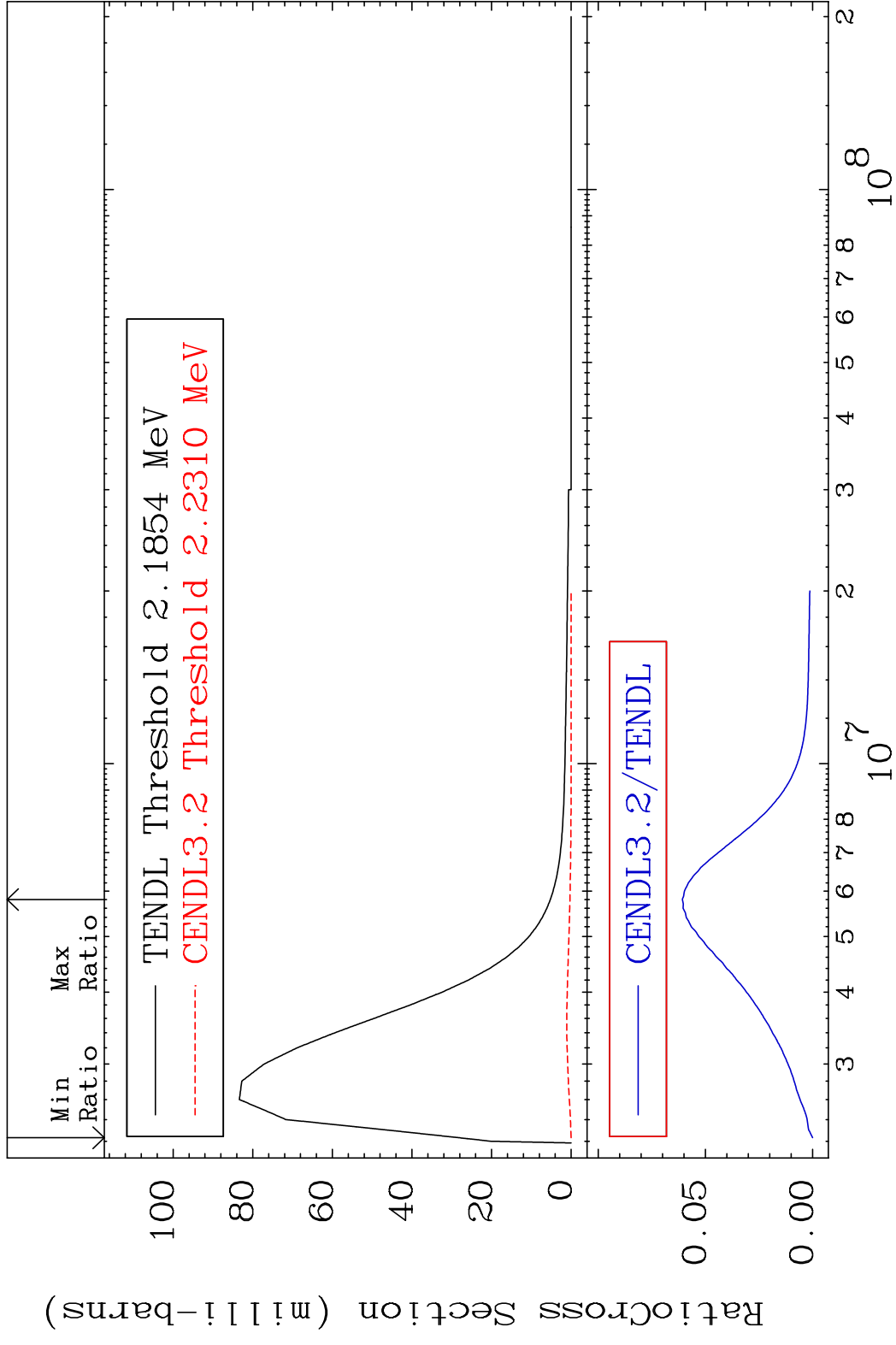


MAT 5449

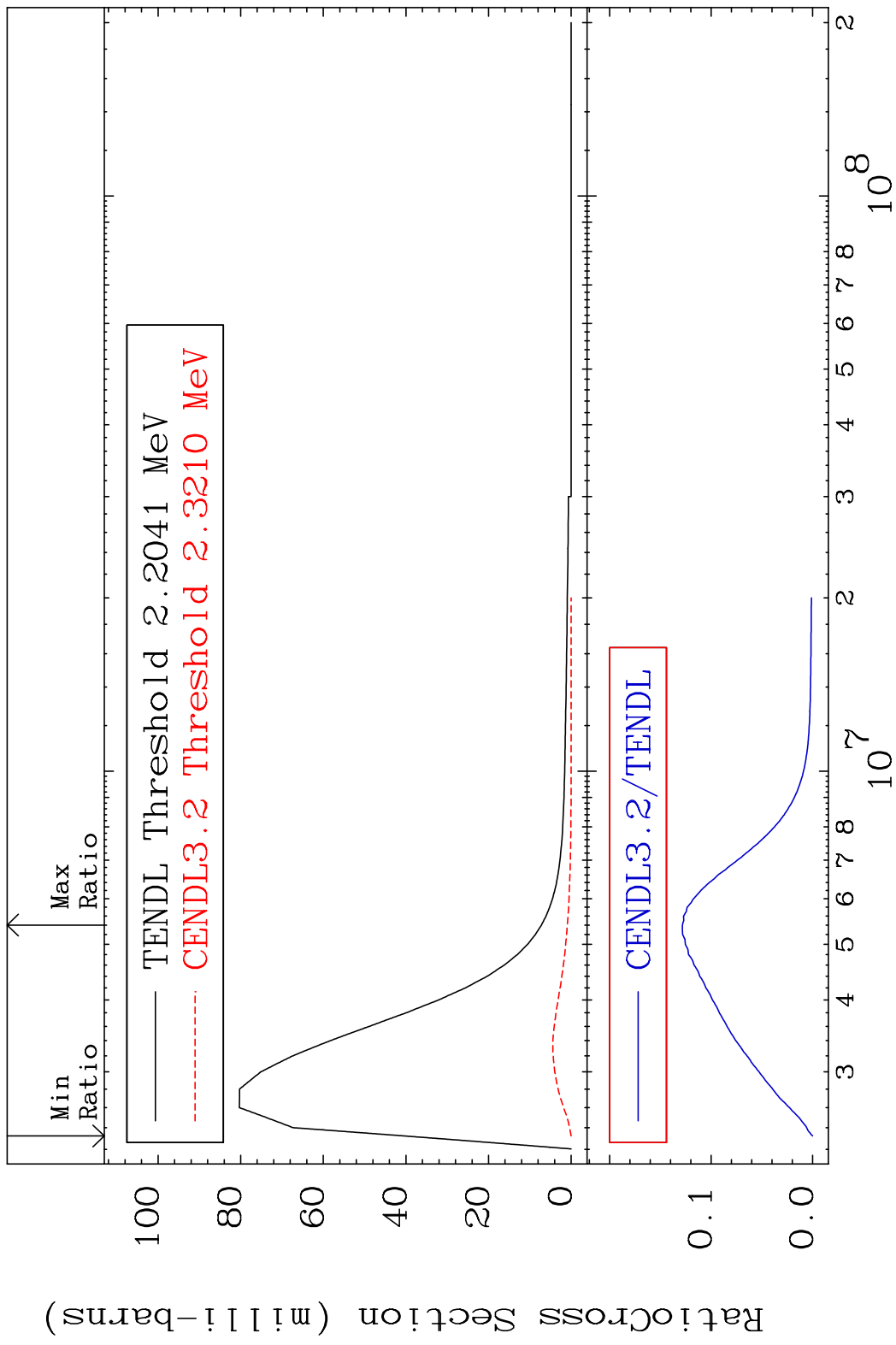
MT= 62 (n, n') Level

54-Xe-132

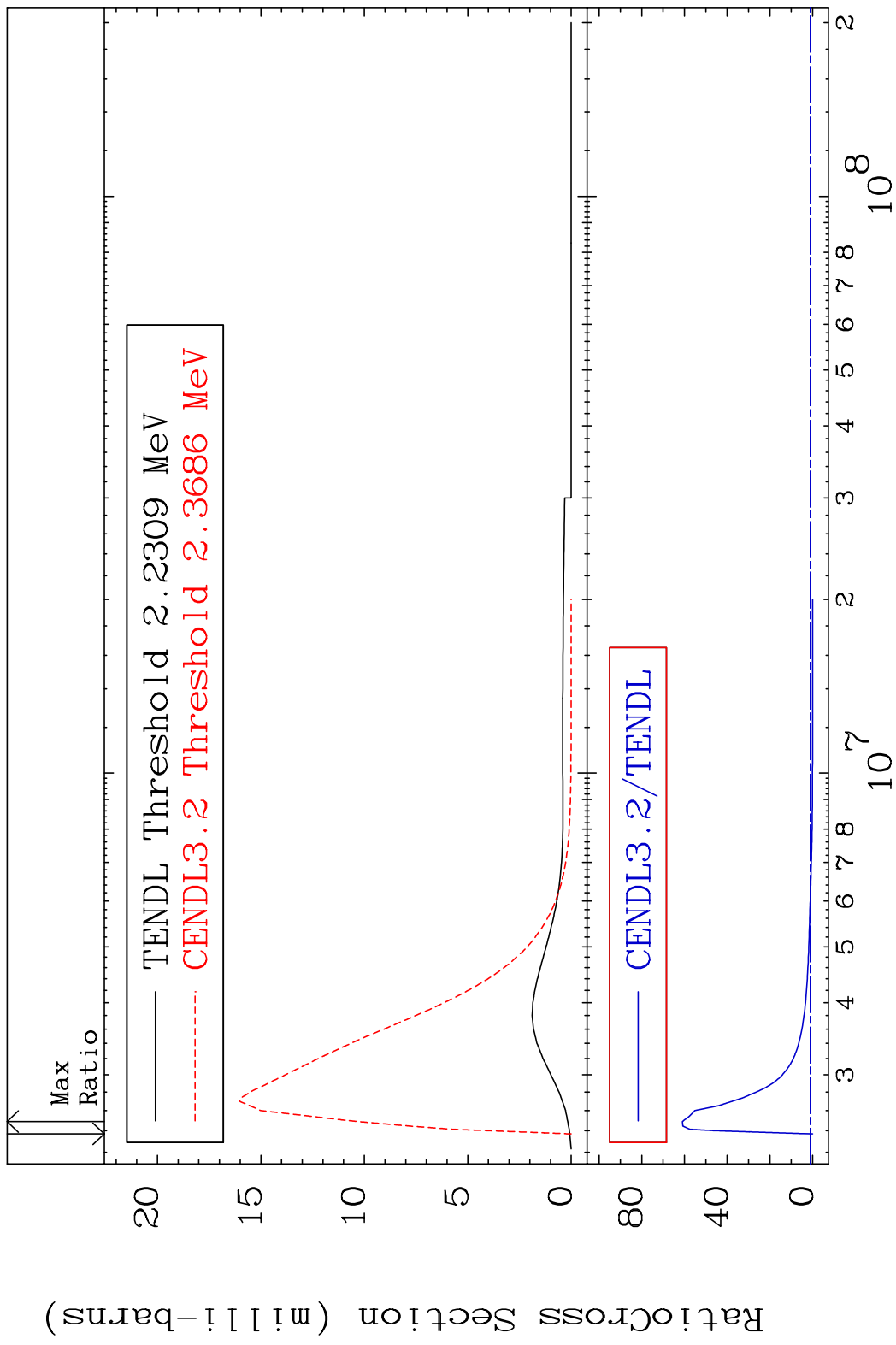
Cross Section -100.0 To -93.93%



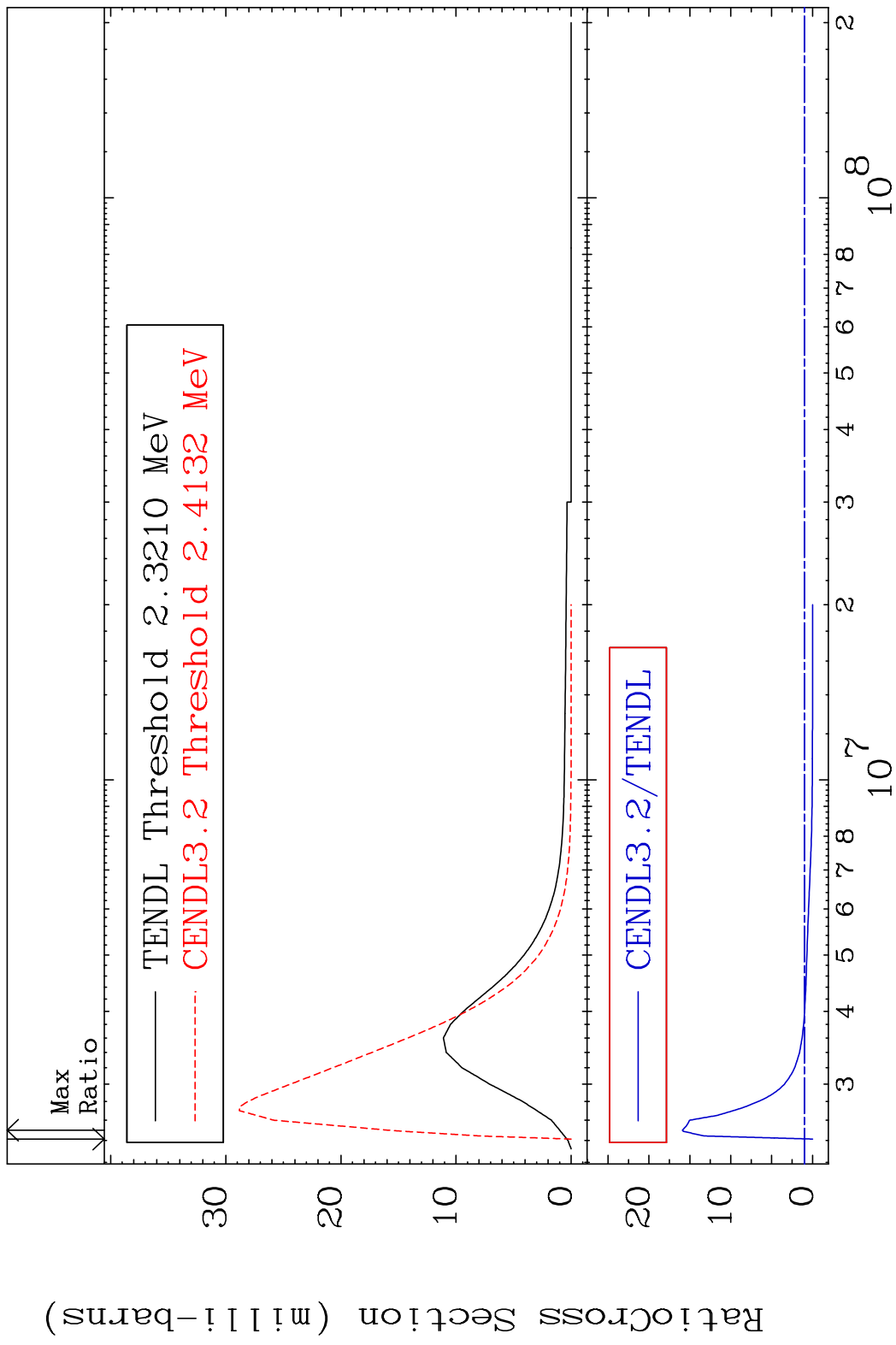
MAT 5449 MT= 63 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -87.16%



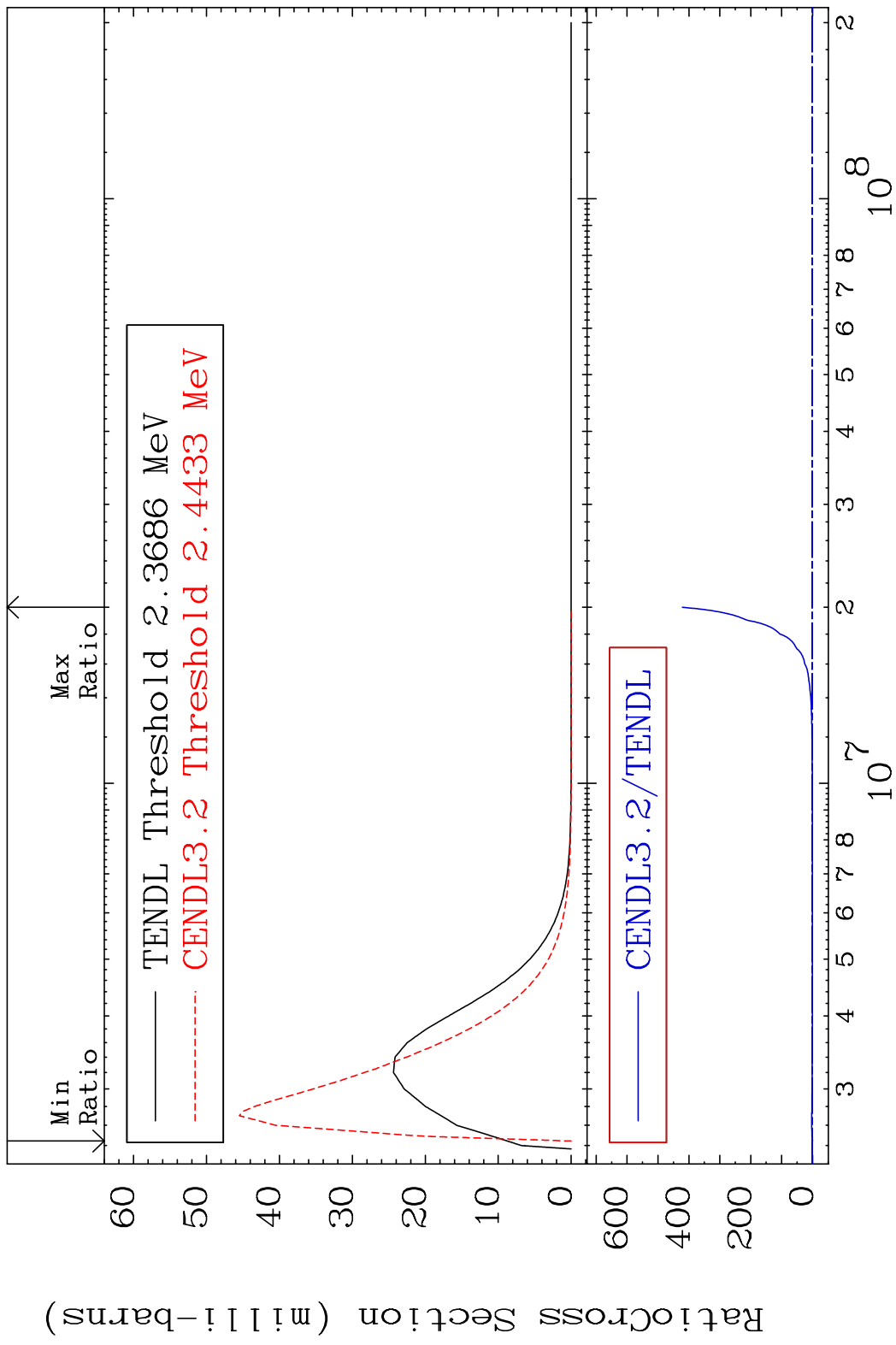
MAT 5449 MT= 64 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 5998. %



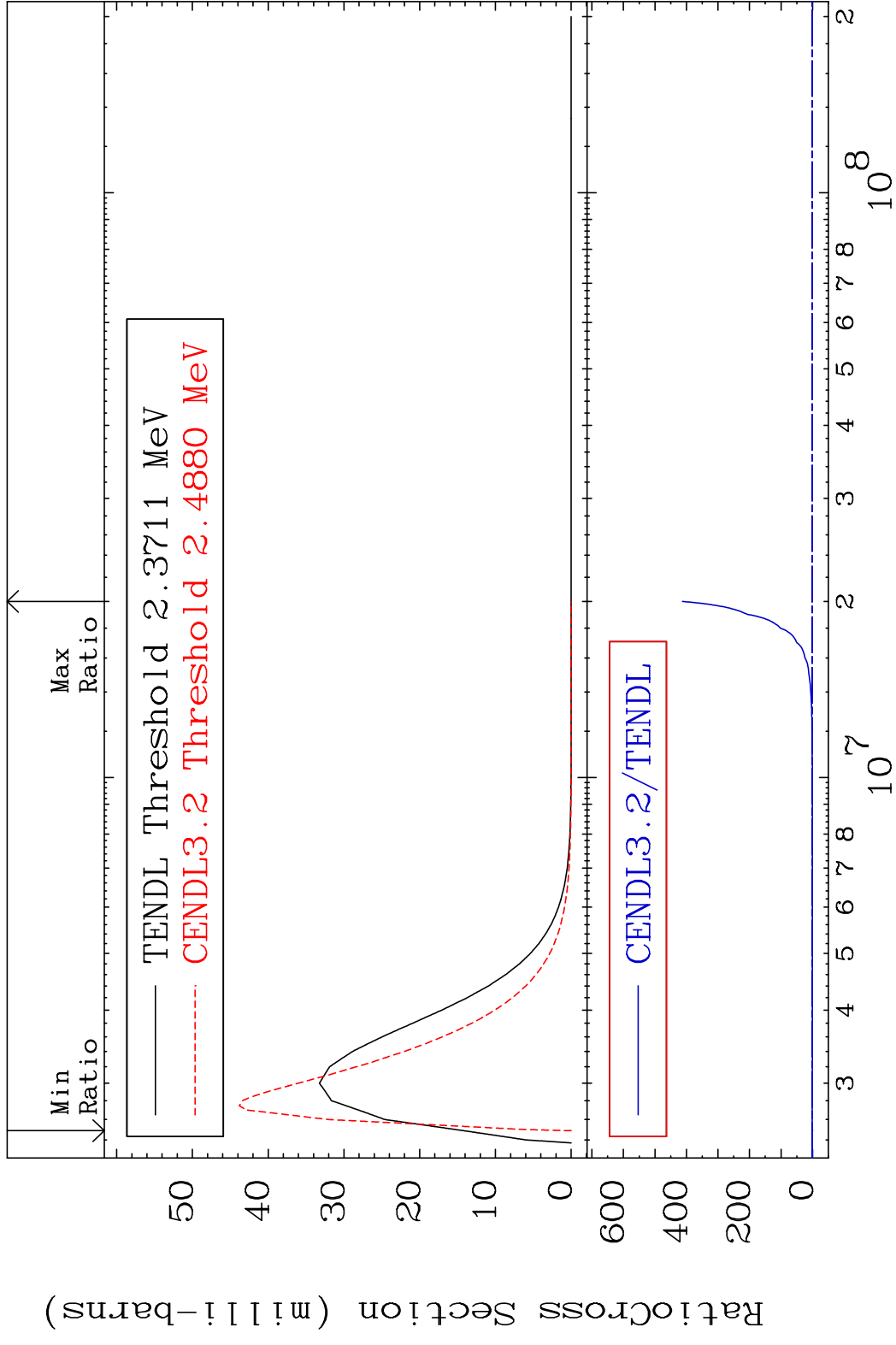
MAT 5449 MT= 65 (n,n') Level 54-Xe-132
 Cross Section -100.0 To 1492. %



MAT 5449 MT= 66 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %



MAT 5449 MT= 67 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %

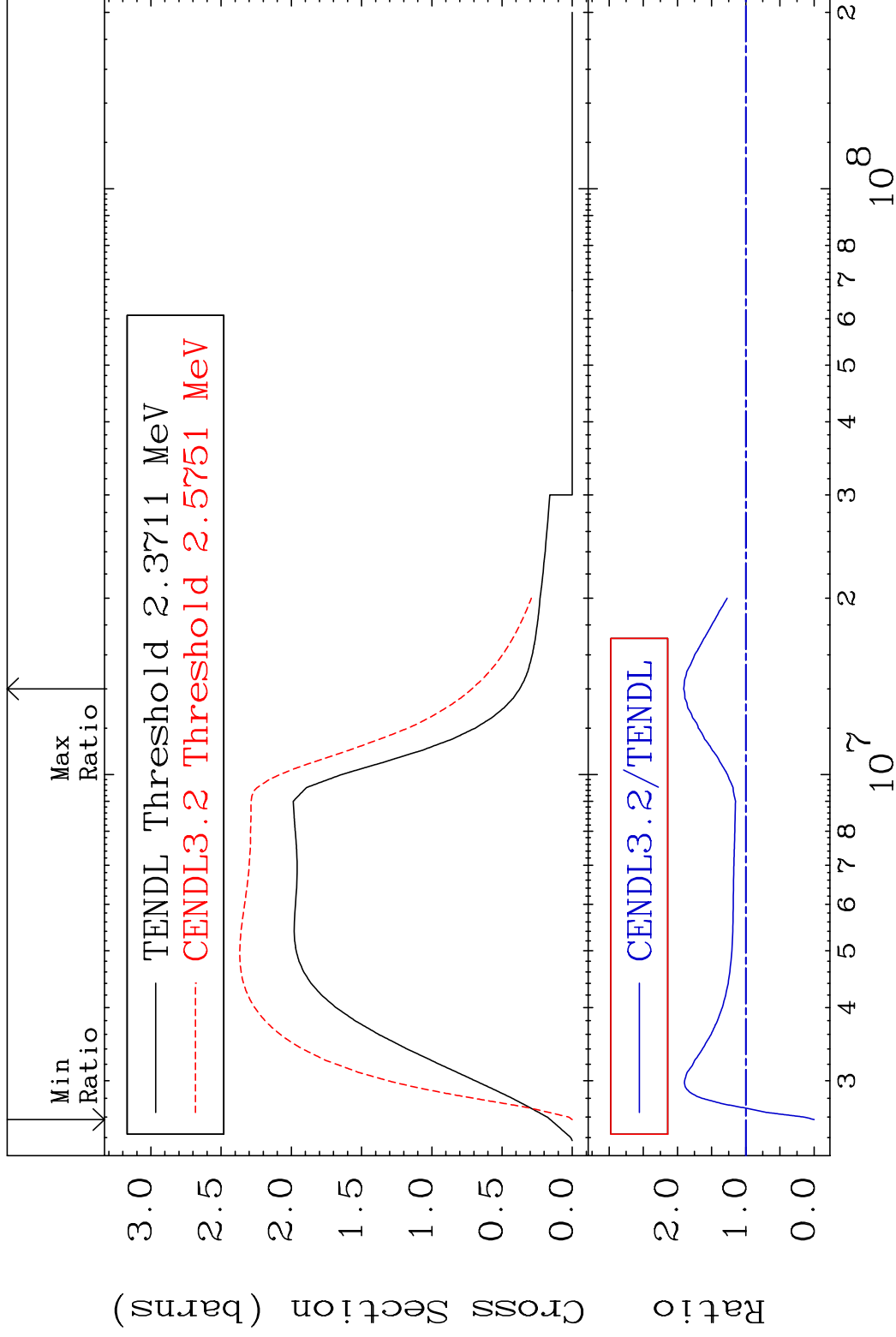


MAT 5449

(n,n') Continuum

54-Xe-132

Cross Section -100.0 To 90.92 %



25

Incident Energy (eV)

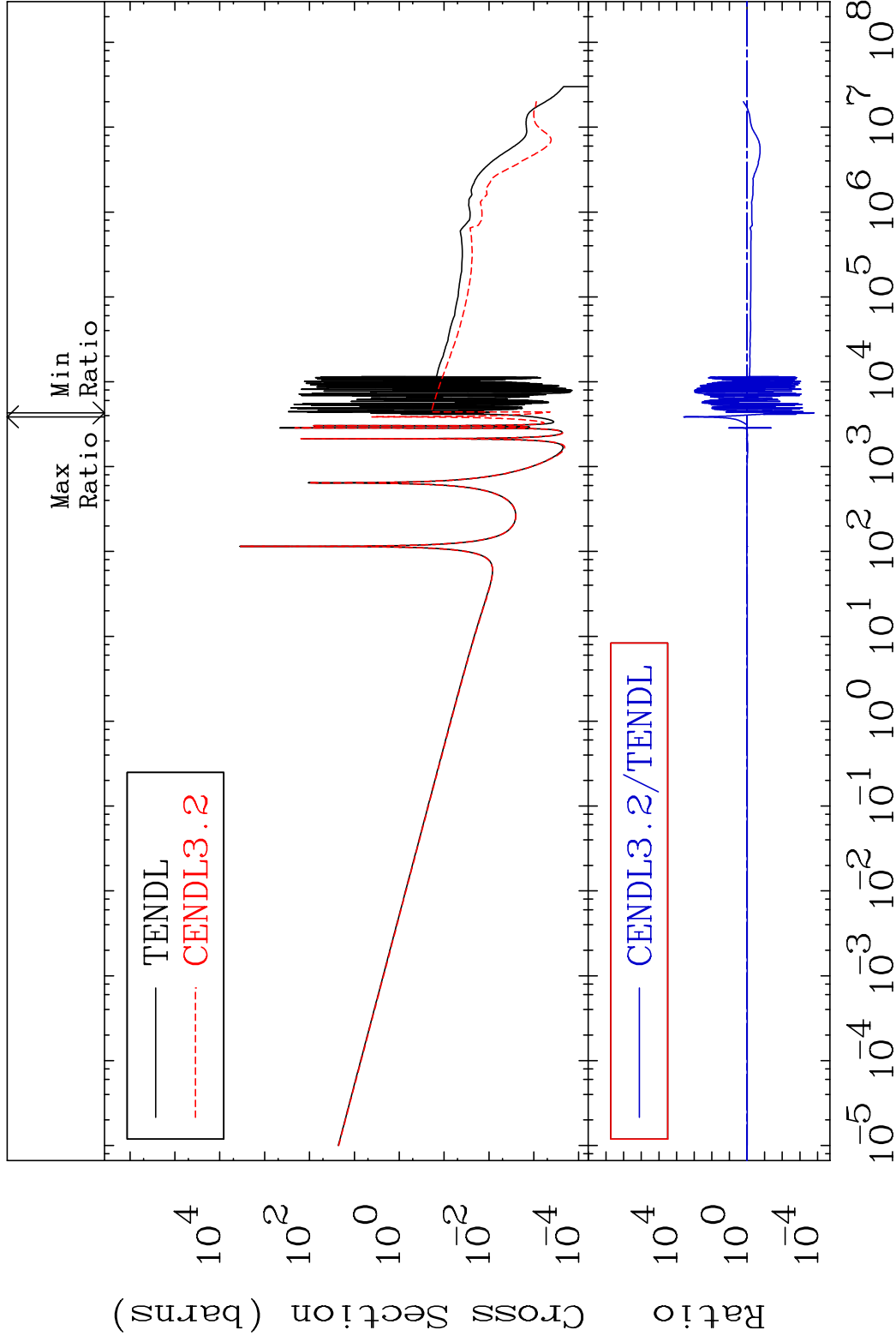
54-Xe-132

MAT 5449

(n, γ)

54-Xe-132

Cross Section -99.98 To 9999. %



26

Incident Energy (eV)

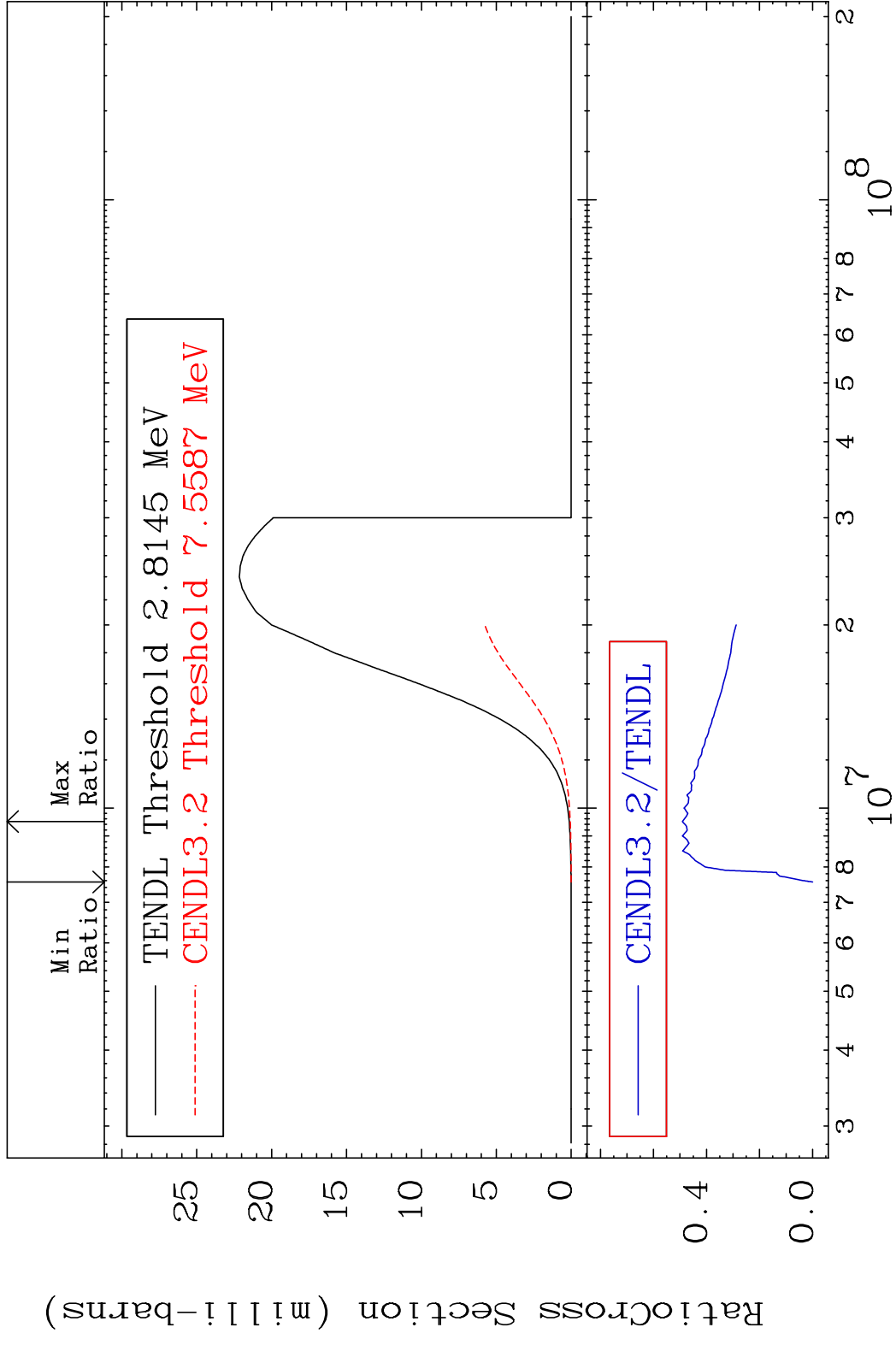
54-Xe-132

MAT 5449

(n, p)

54-Xe-132

Cross Section -100.0 To -50.90%

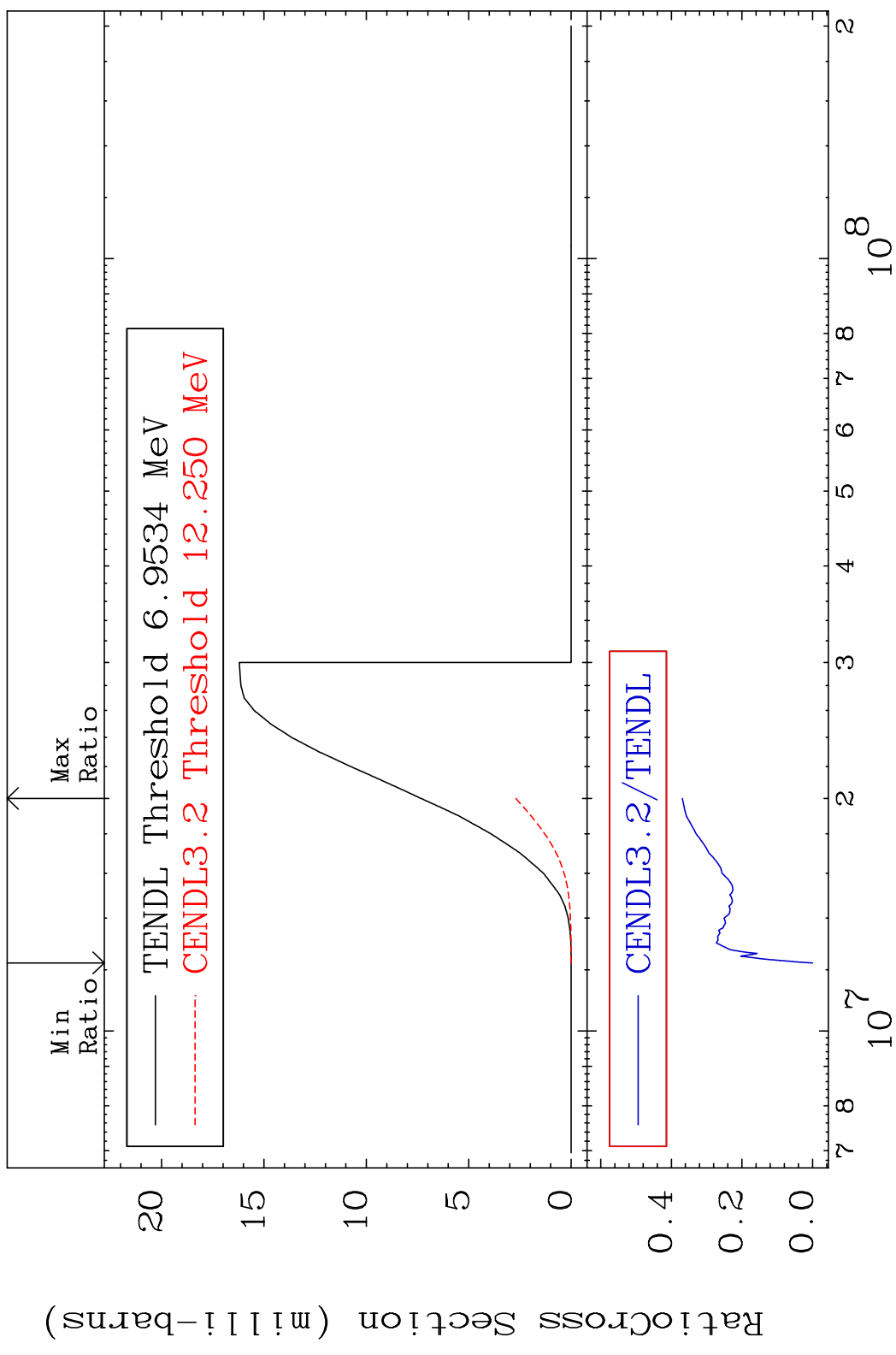


MAT 5449

(n, d)

54-Xe-132

Cross Section -100.0 To -63.12%

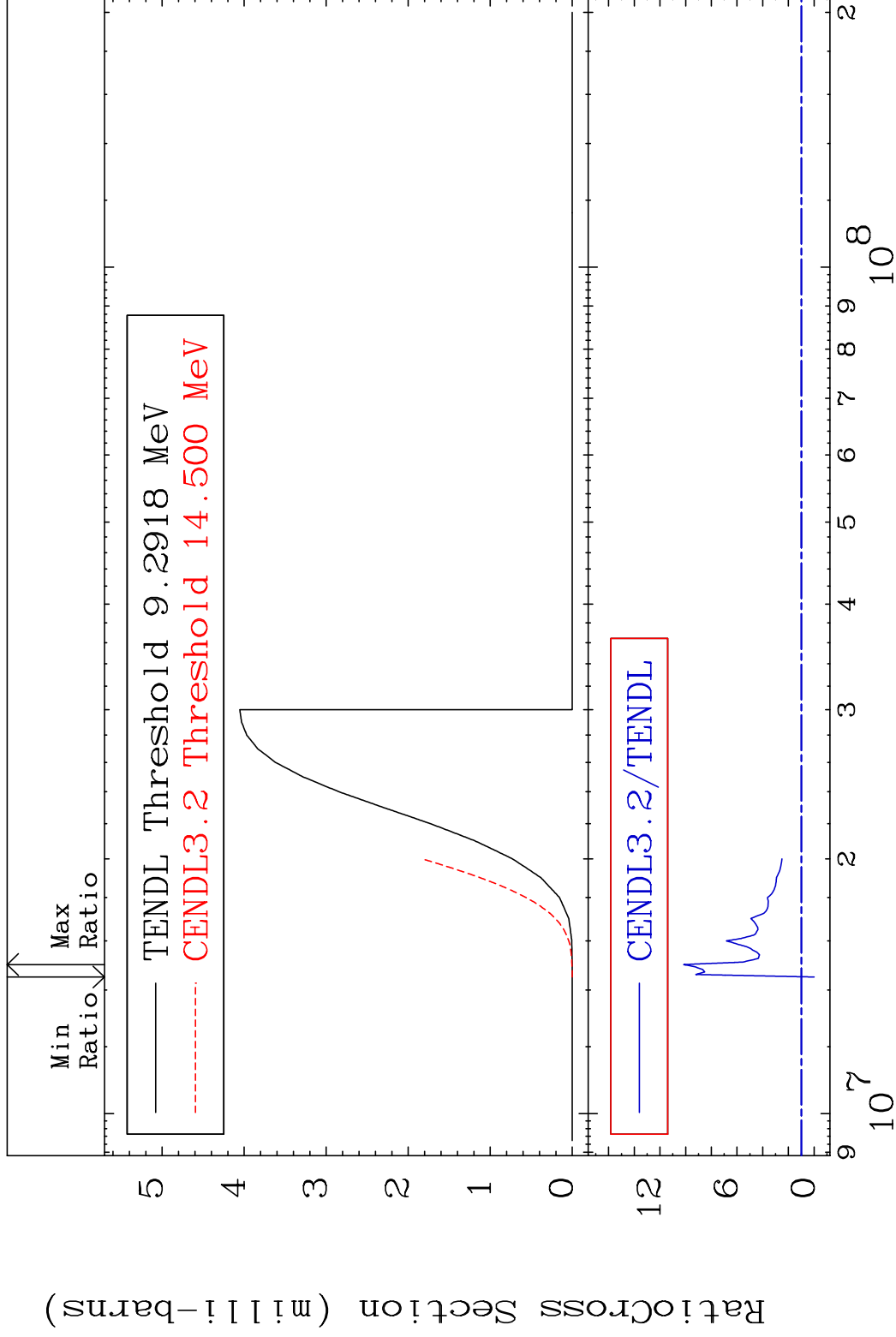


MAT 5449

(n, t)

54-Xe-132

Cross Section -100.0 To 915.6 %



29

Incident Energy (eV)

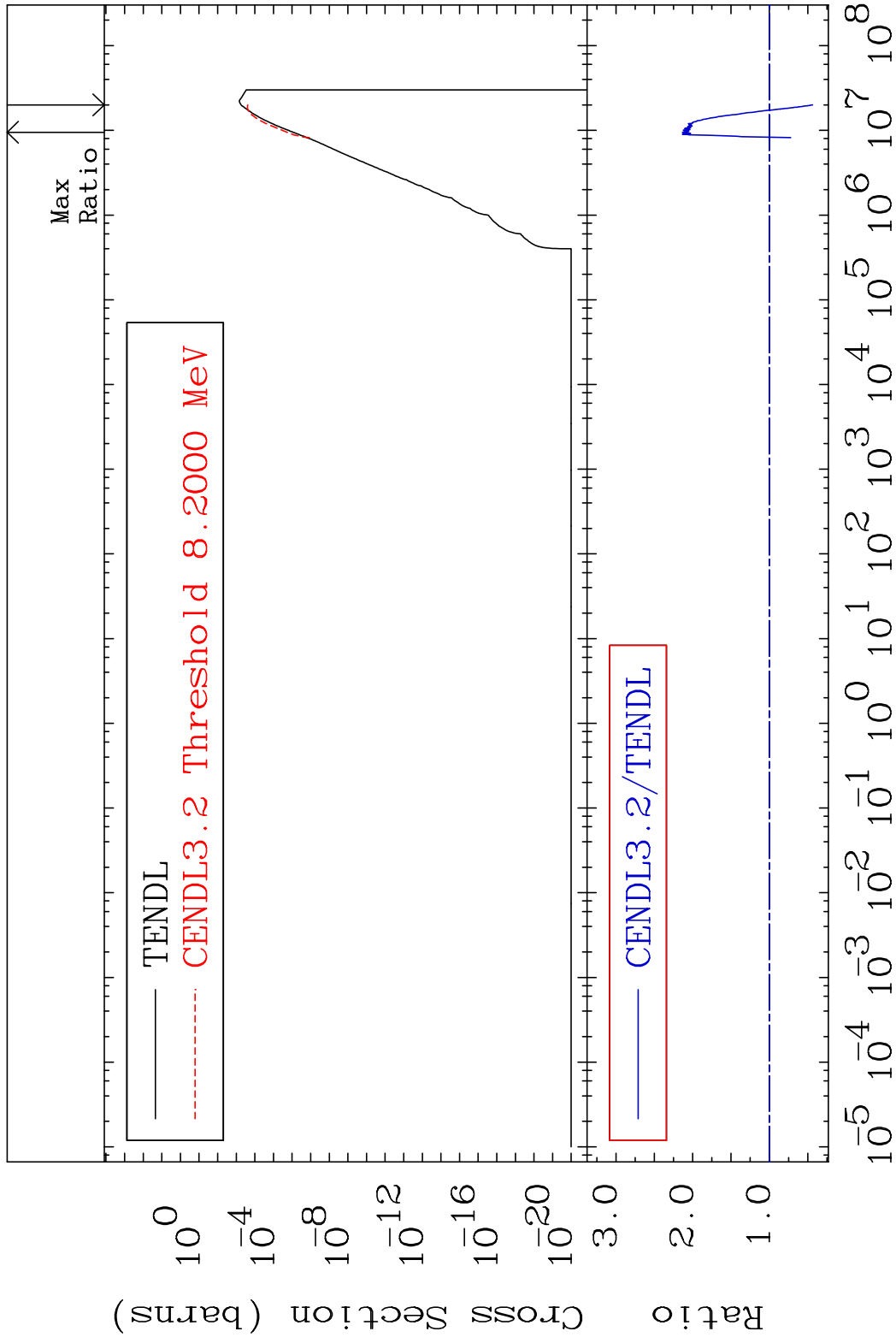
54-Xe-132

MAT 5449

(n, α)

54-Xe-132

Cross Section -56.31 To 113.5 %



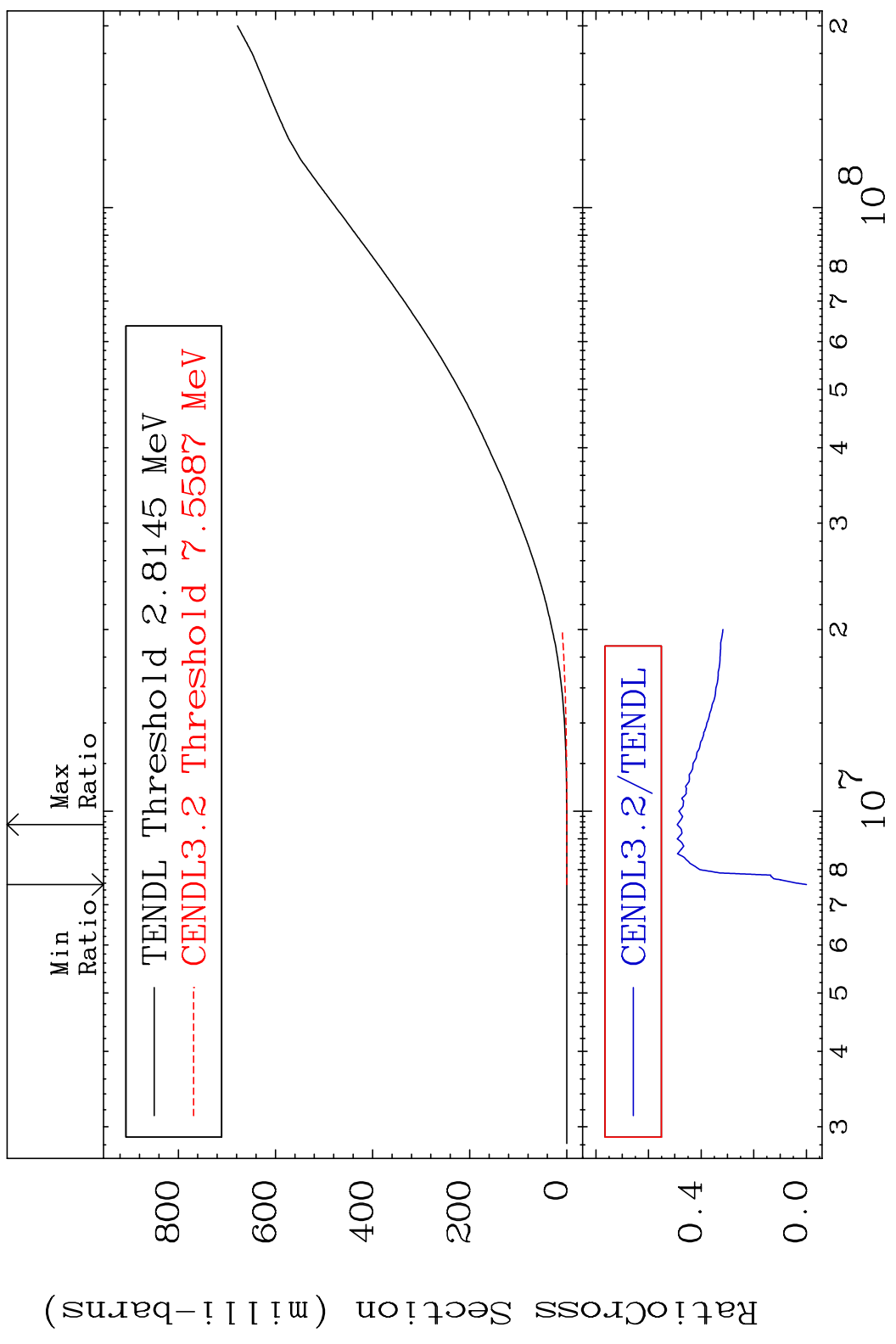
30

Incident Energy (eV)

54-Xe-132

MAT 5449

Hydrogen Production 54-Xe-132
Cross Section -100.0 To -50.90%

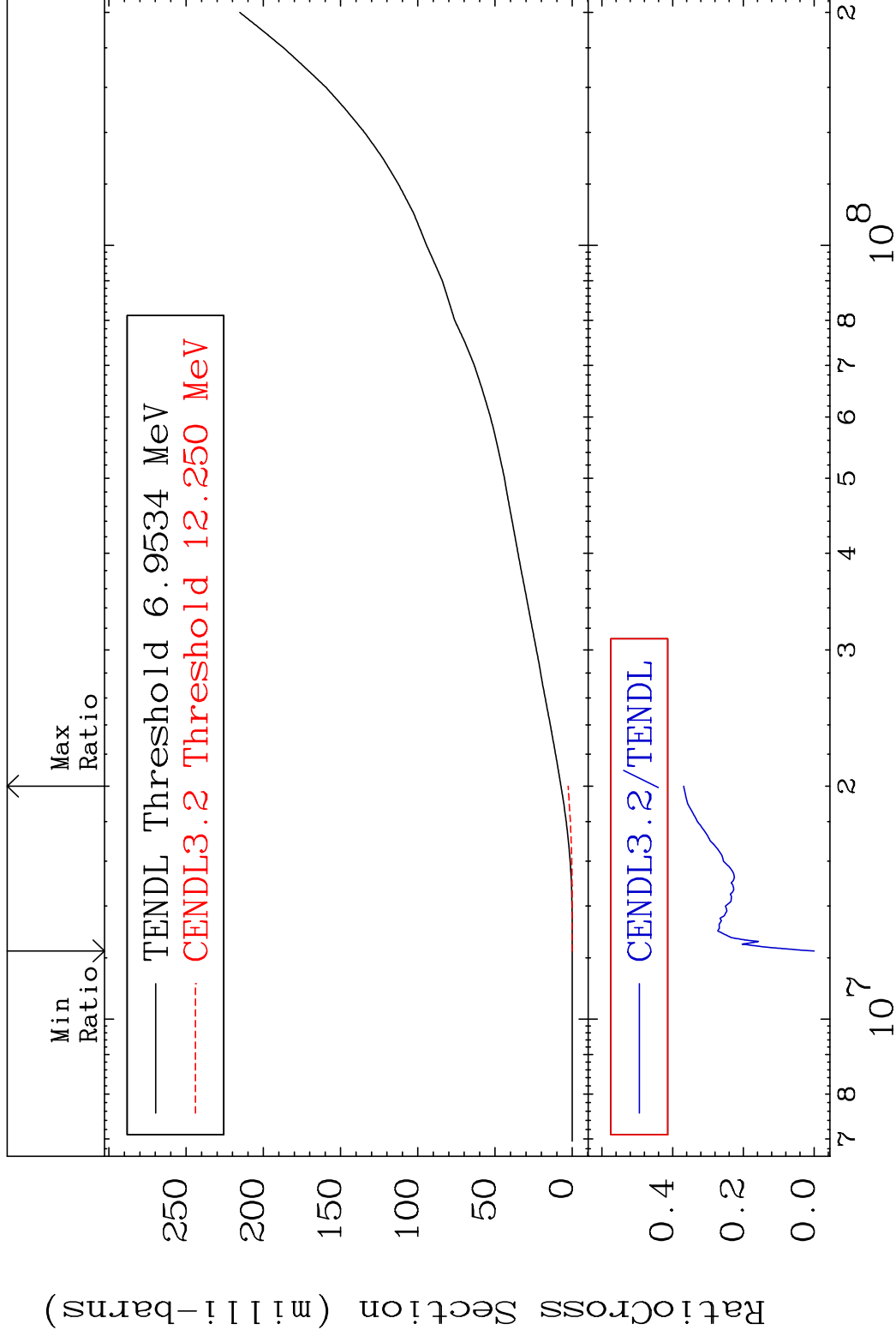


MAT 5449

Deuterium Production

54-Xe-132

Cross Section -100.0 To -63.12%



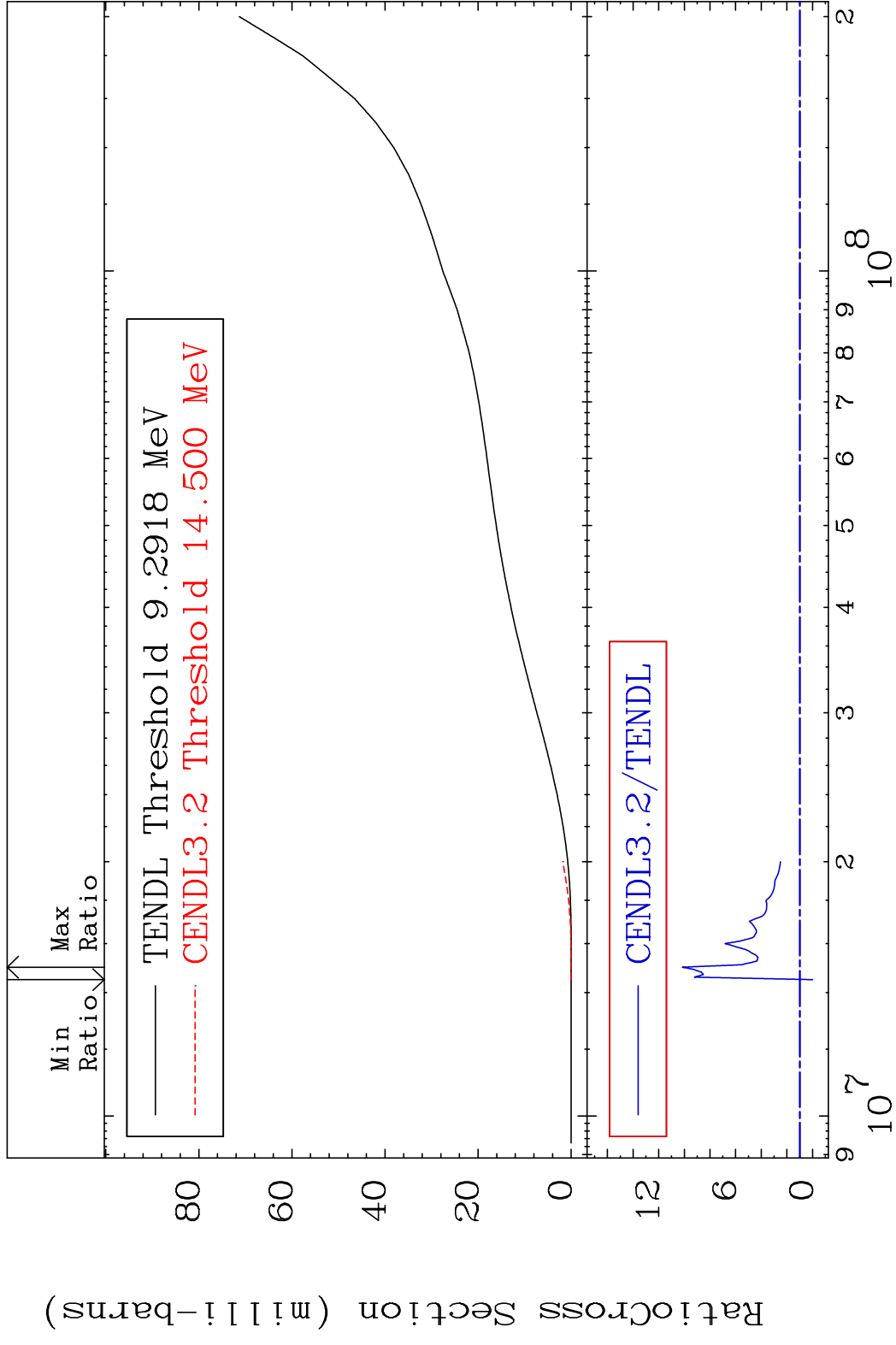
32

Incident Energy (eV)

54-Xe-132

MAT 5449

Tritium Production 54-Xe-132
Cross Section -100.0 To 915.6 %



33

Incident Energy (eV)

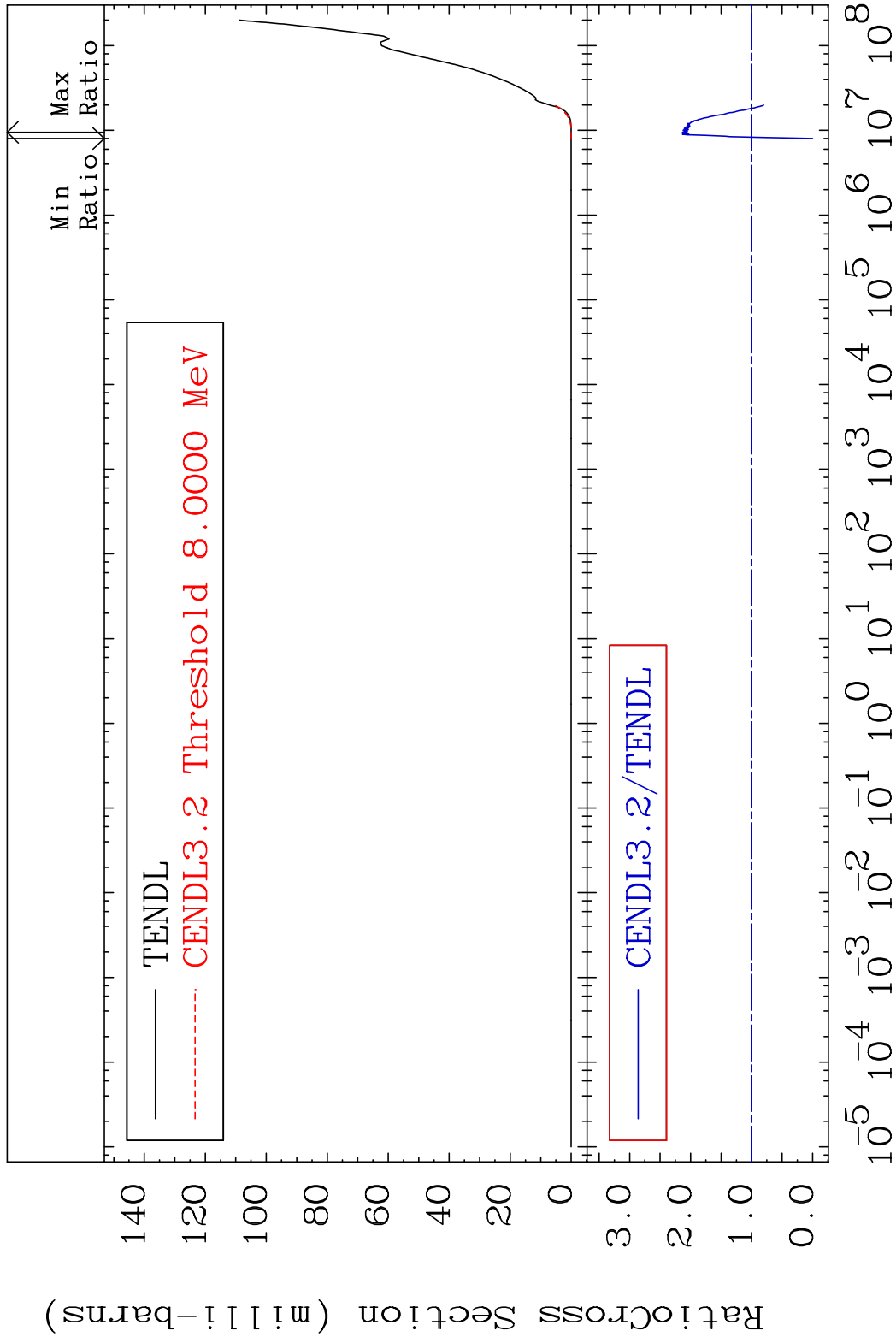
54-Xe-132

MAT 5449

He-4 Production

54-Xe-132

Cross Section -100.0 To 113.5 %

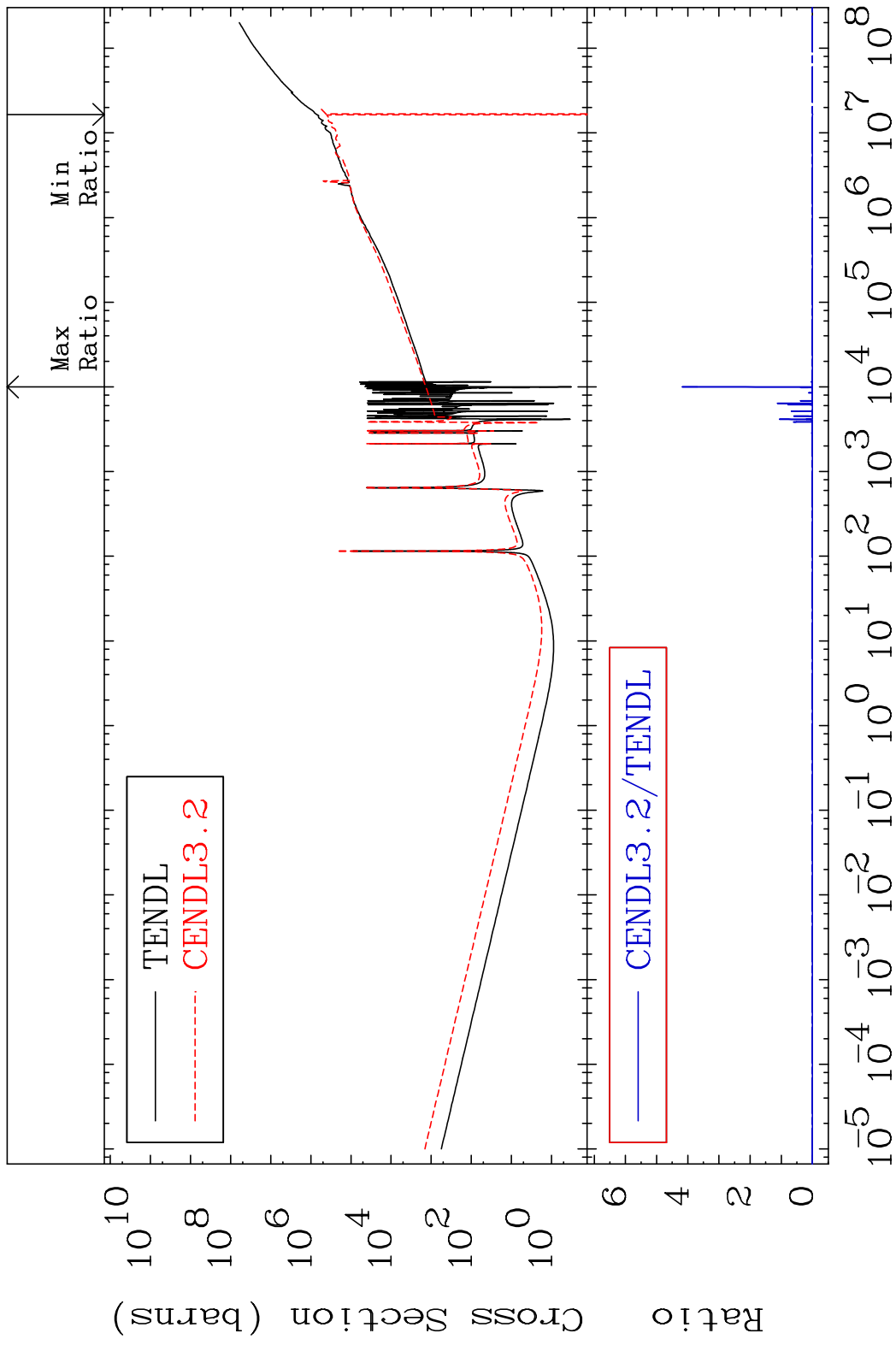


34

Incident Energy (eV)

54-Xe-132

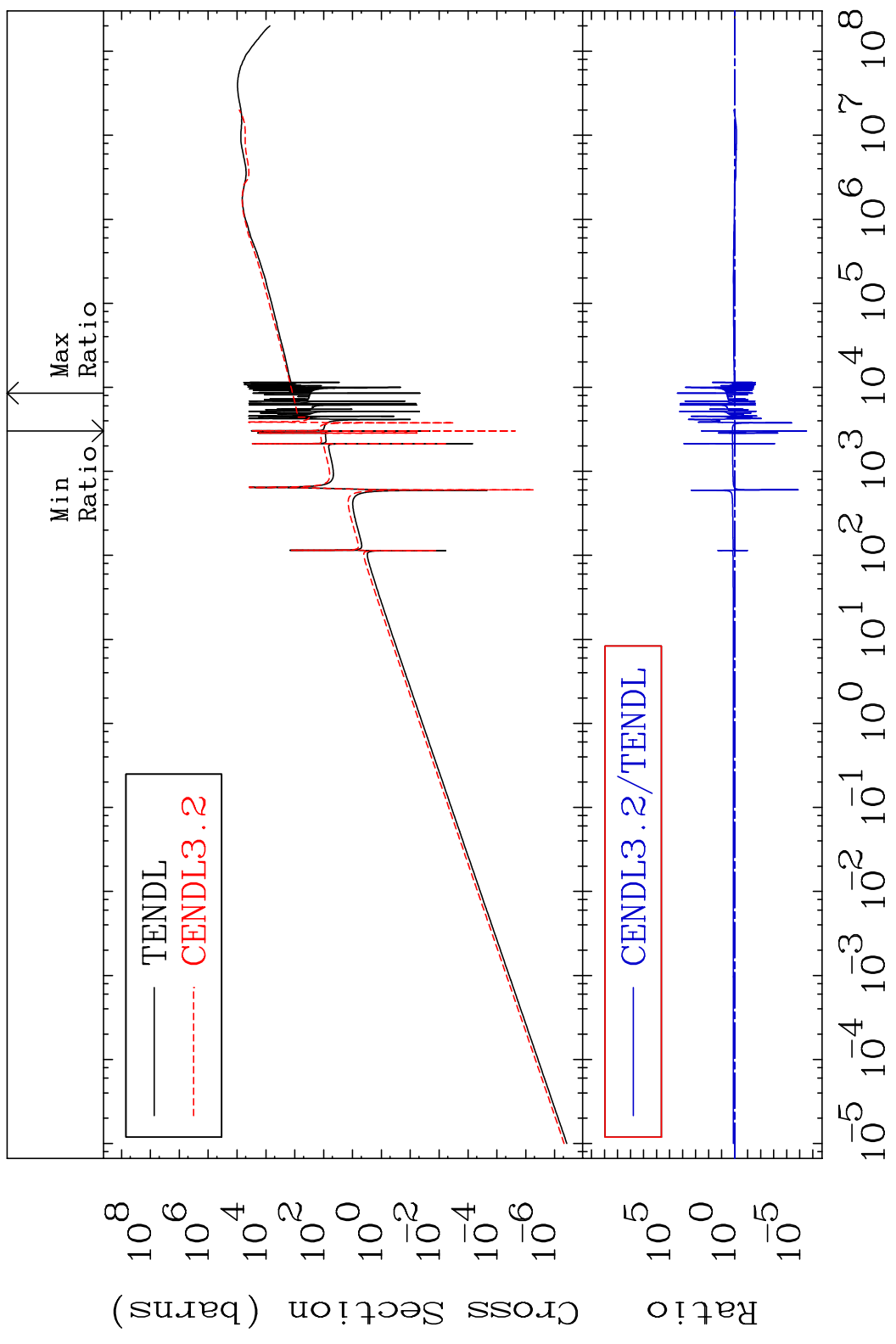
MAT 5449 Kerma total (eV-barns) 54-Xe-132
 Cross Section -335.1 To 9999. %



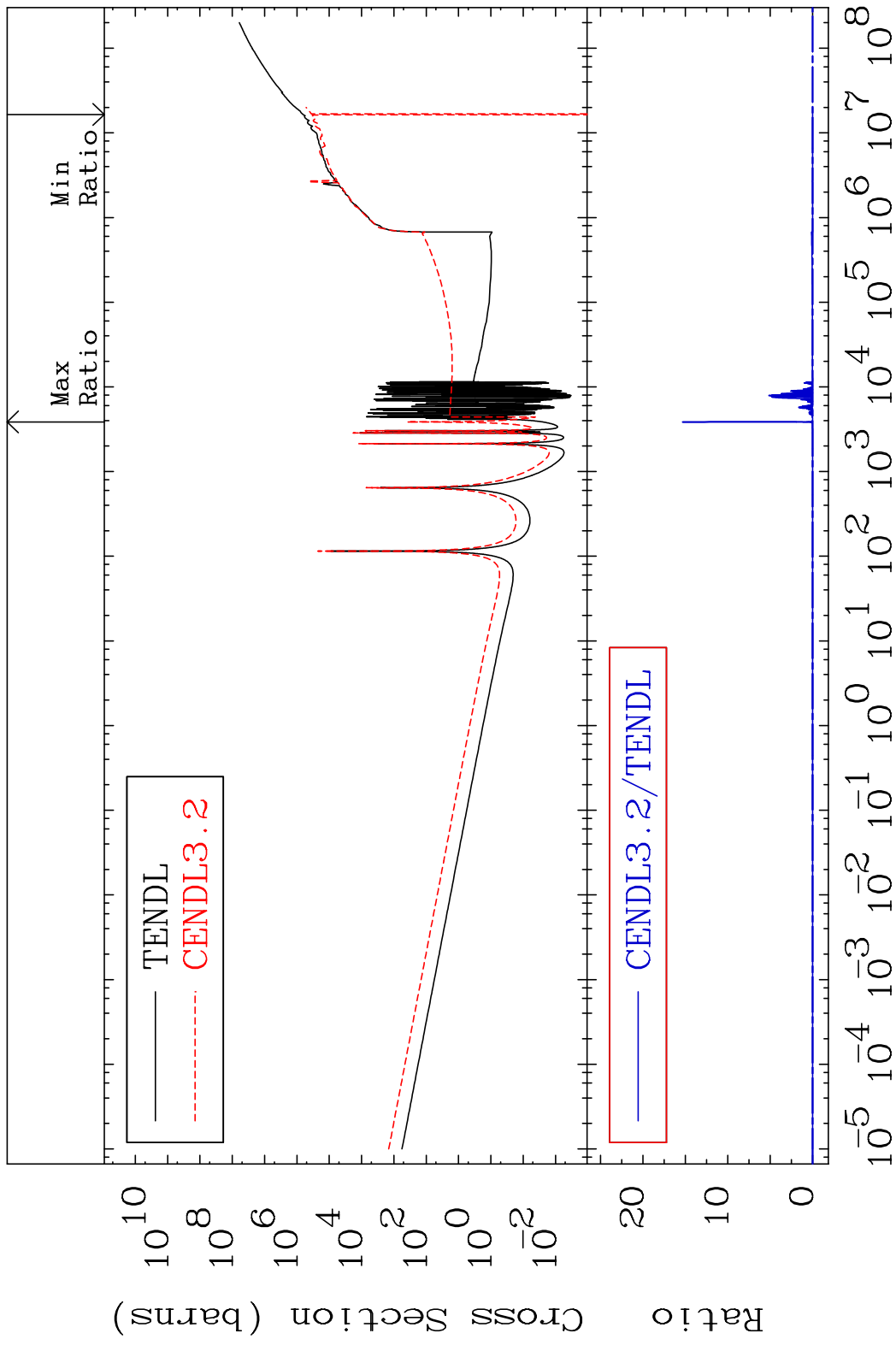
35 Incident Energy (eV) 54-Xe-132

MAT 5449

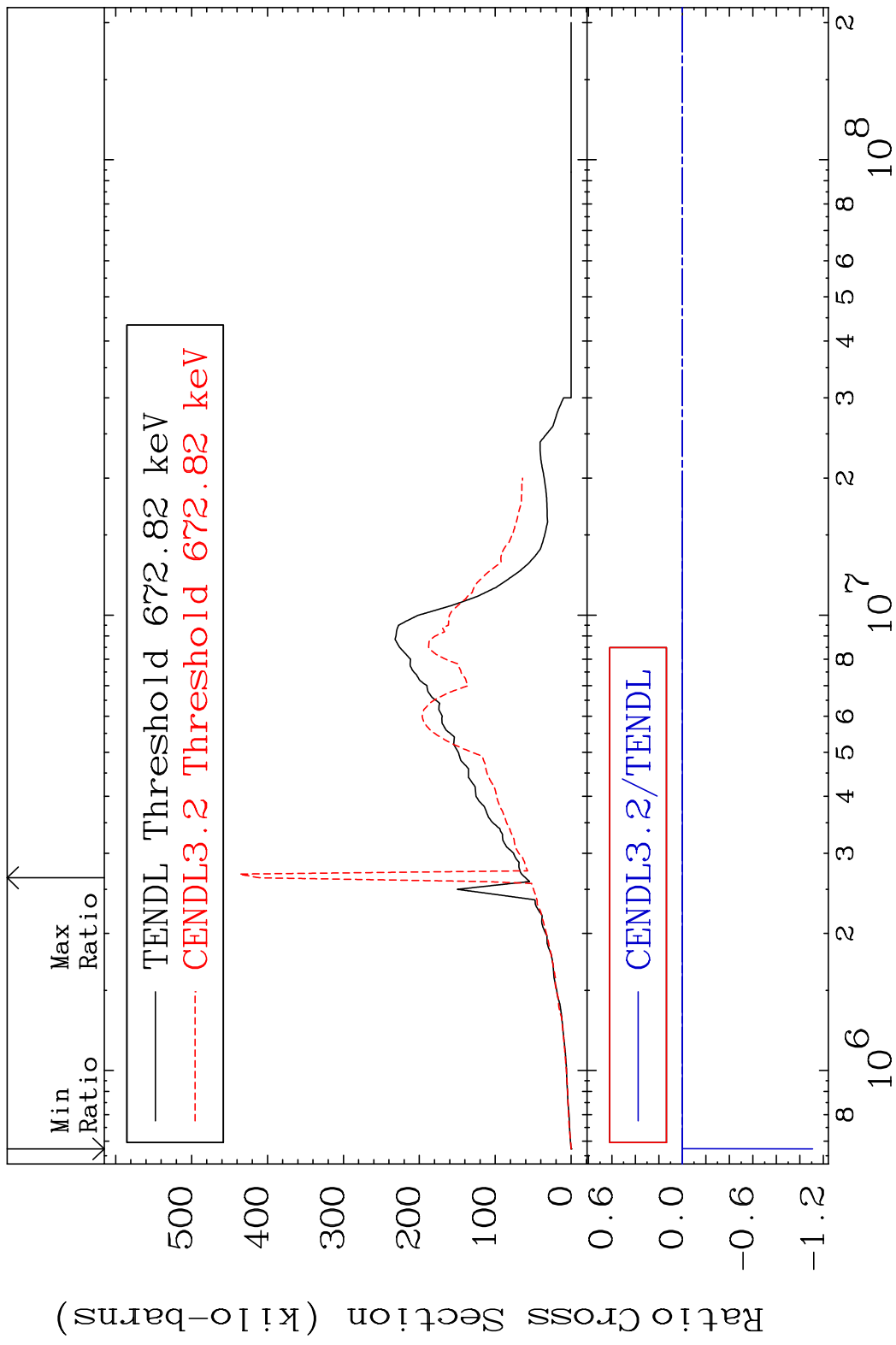
Kerma elastic
Cross Section -100.0 To 9999. %
54-Xe-132



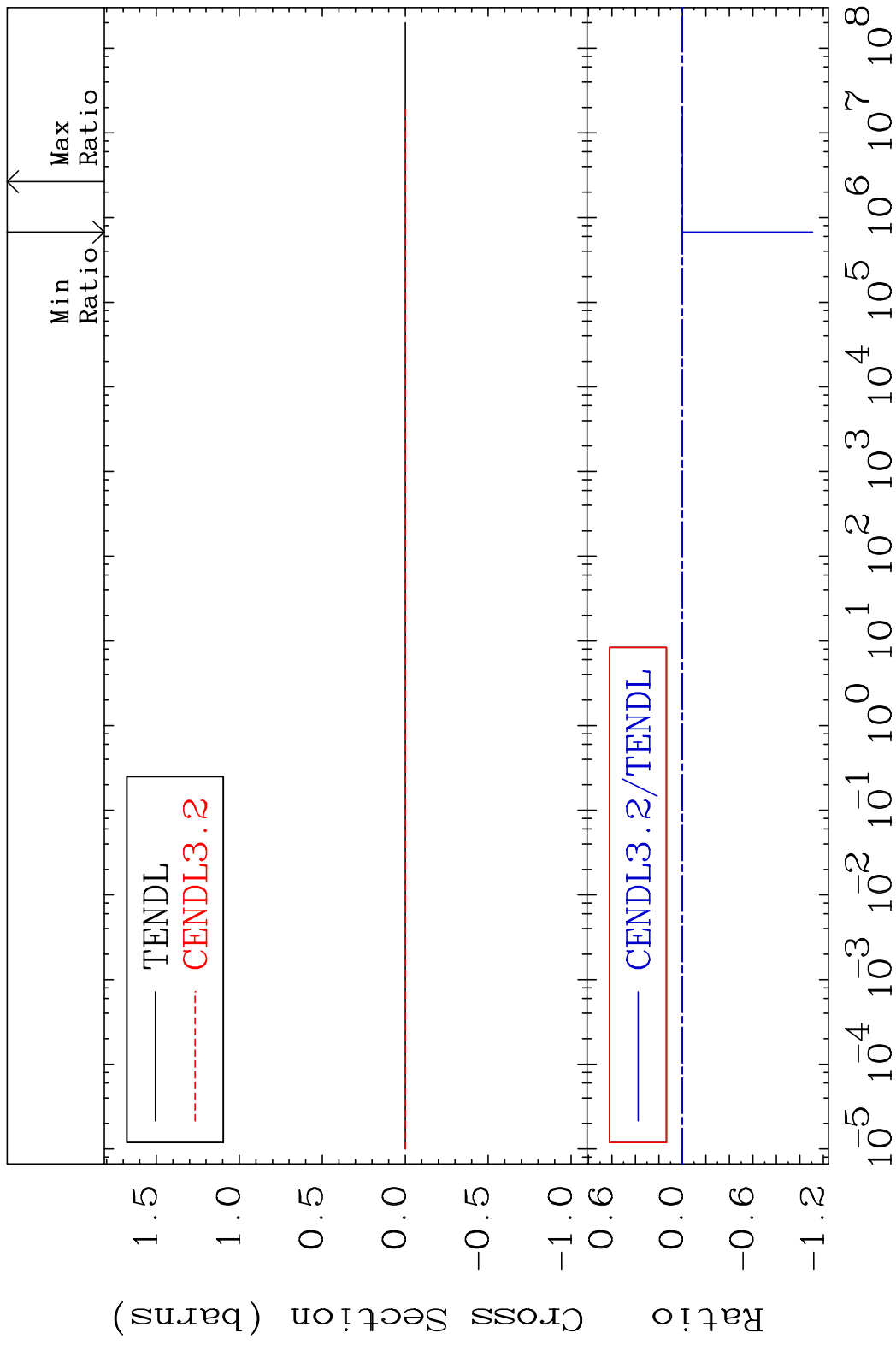
MAT 5449 Kerma non-elastic (all but mt2) 54-Xe-132
 Cross Section -370.3 To 9999. %



MAT 5449 Kerma inelastic (mt51-91) 54-Xe-132
 Cross Section -9999. To 584.9 %

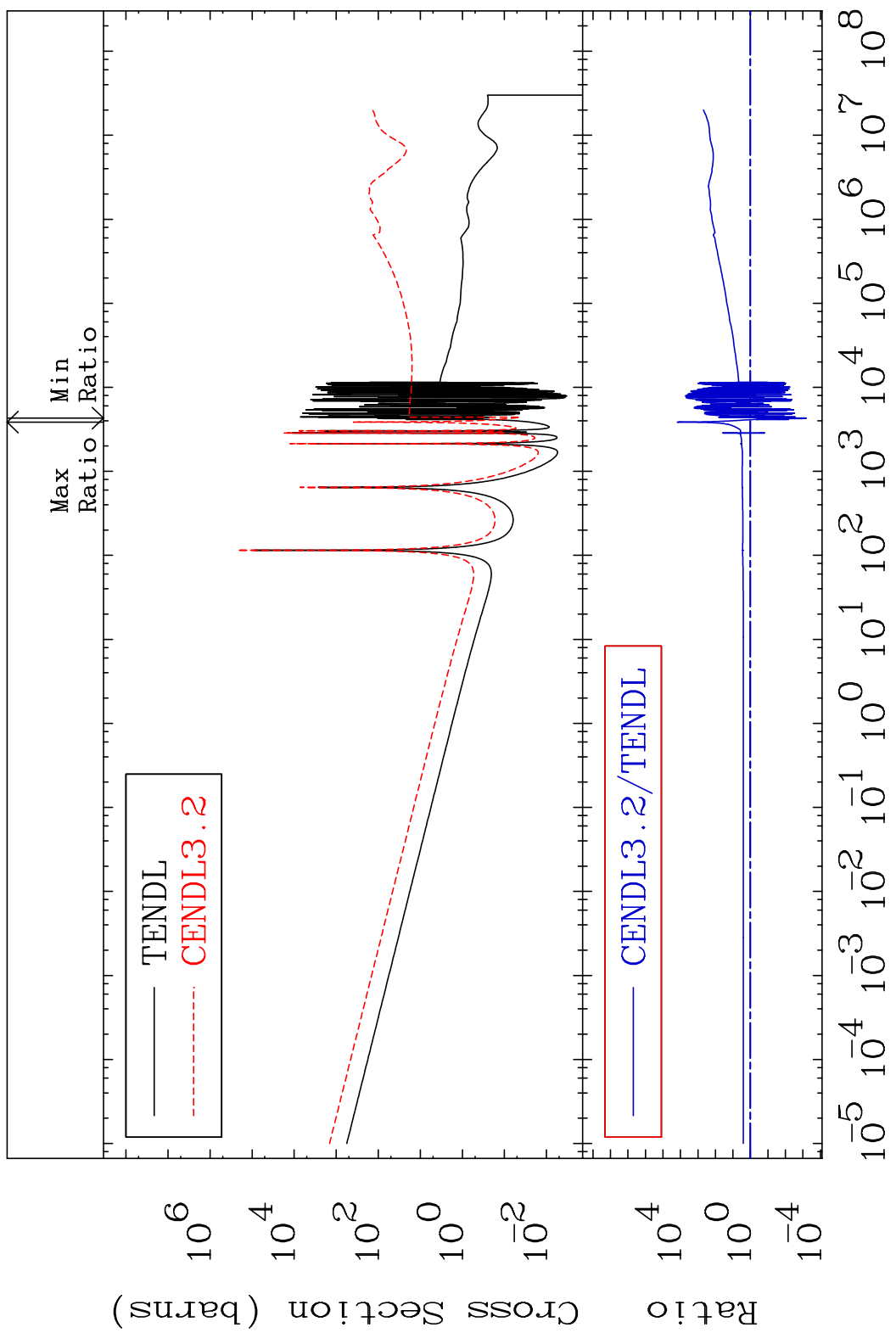


MAT 5449 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-132
 Cross Section -9999. To 584.9 %



MAT 5449

Kerma capture (mt102) 54-Xe-132
Cross Section -99.94 To 9999. %



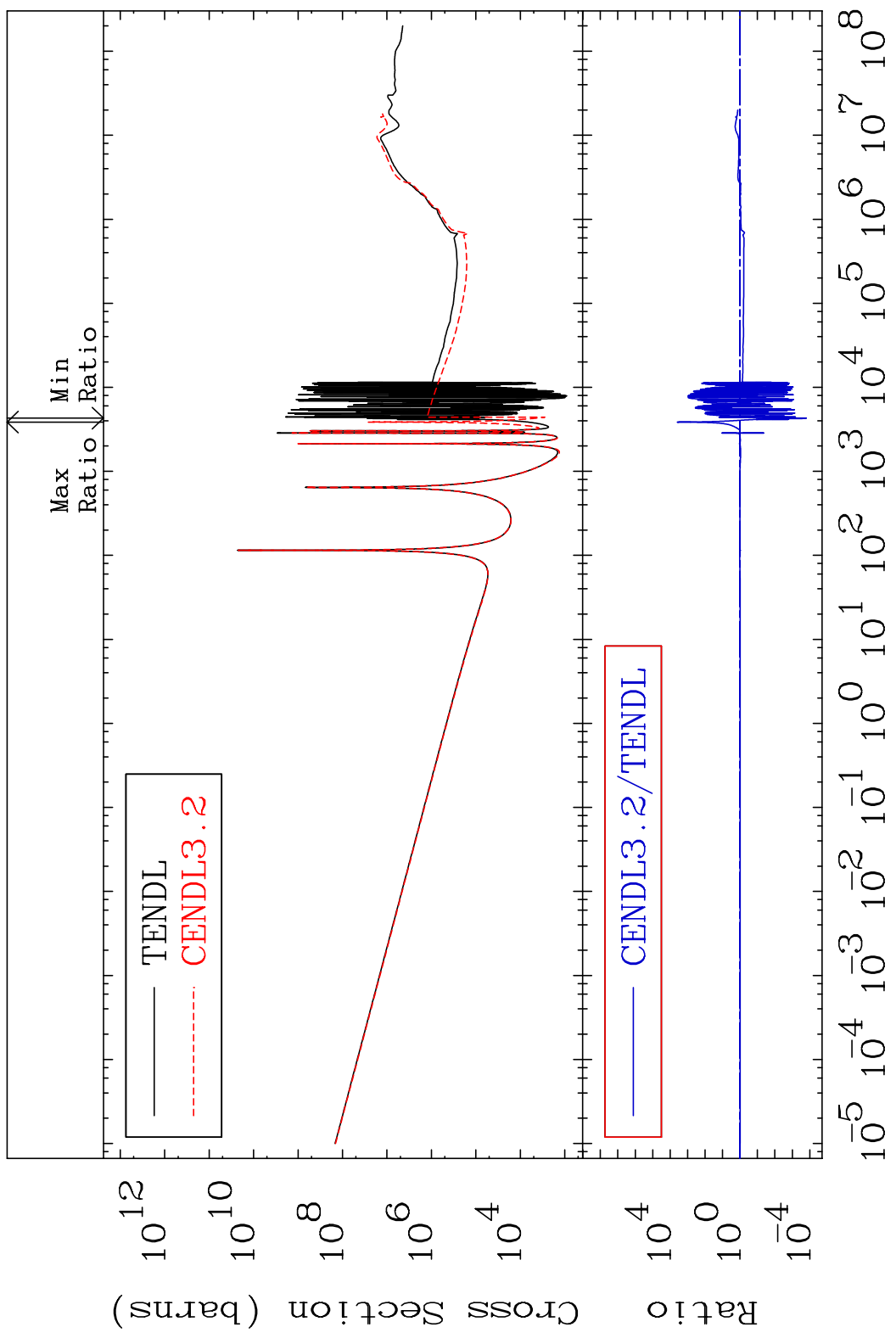
40

Incident Energy (eV)

54-Xe-132

MAT 5449

Total photon (eV-barns) 54-Xe-132
Cross Section -99.98 To 9999. %

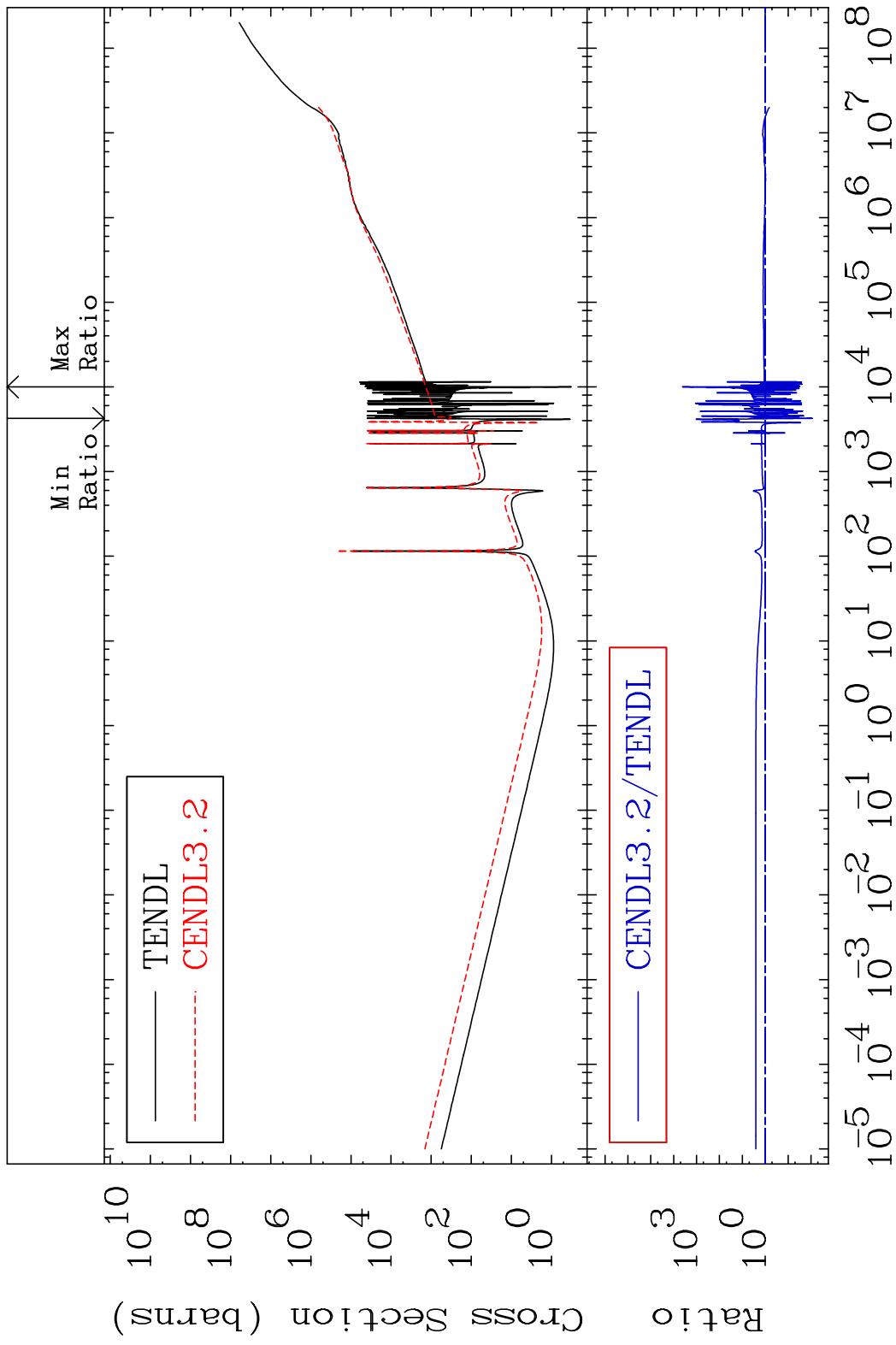


41

Incident Energy (eV)

54-Xe-132

MAT 5449 Total kinematic kerma (high limit) 54-Xe-132
 Cross Section -99.15 To 9999. %



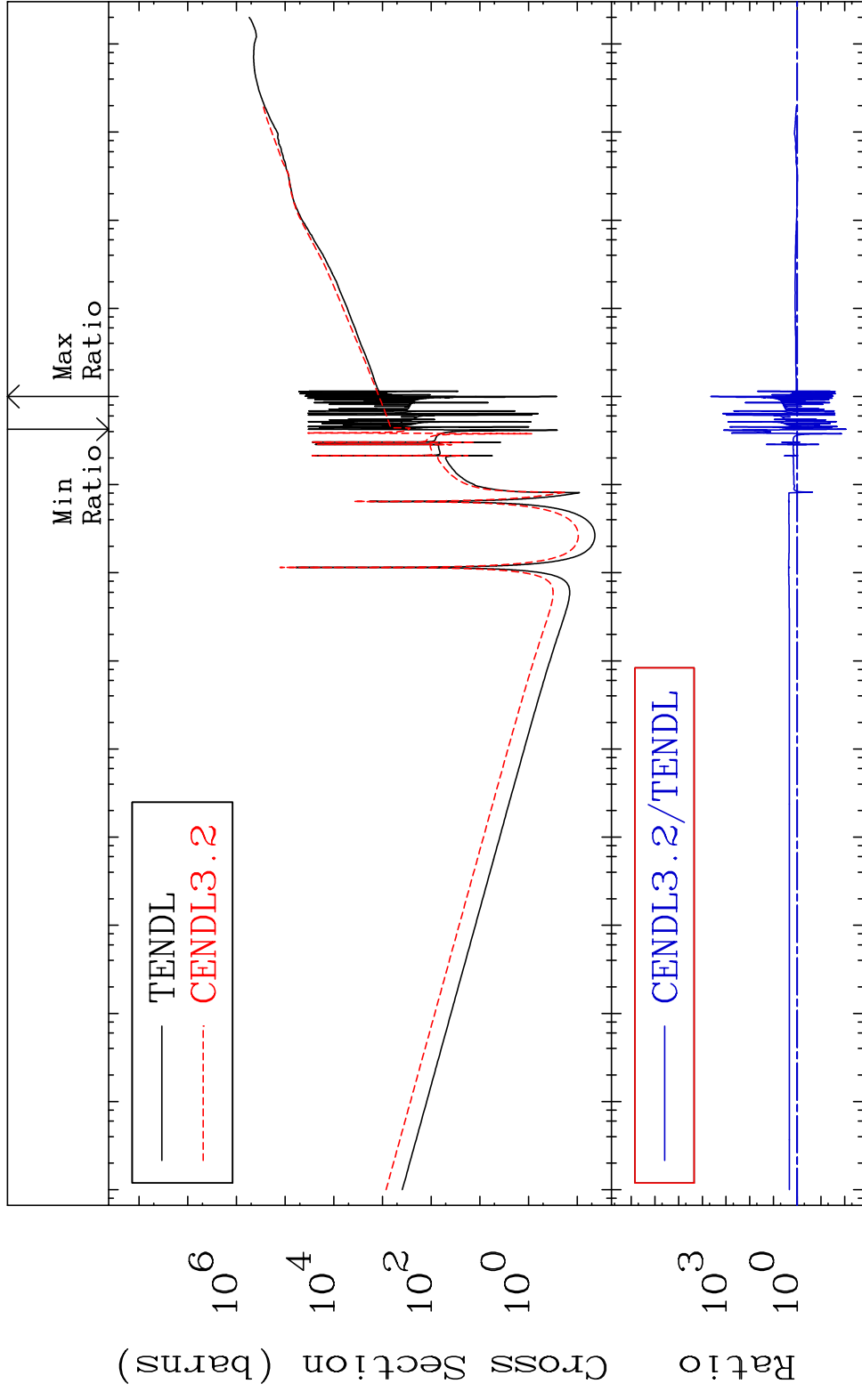
MAT 5449

Dpa total (eV-barns)

54-Xe-132

Cross Section

-99.15 To 9999. %



43

Incident Energy (eV)

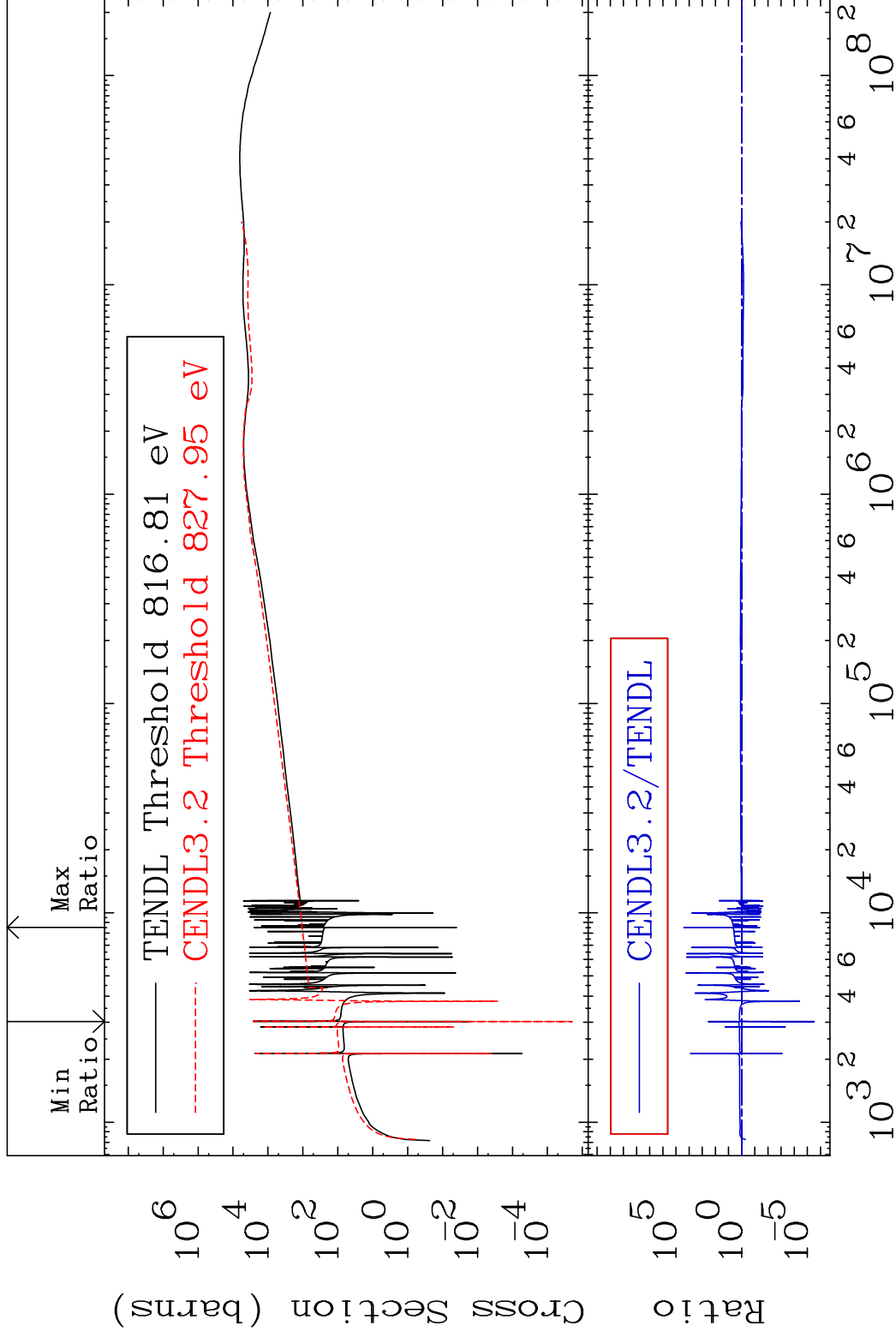
54-Xe-132

MAT 5449

Dpa elastic (mt2)

54-Xe-132

Cross Section -100.0 To 9999. %

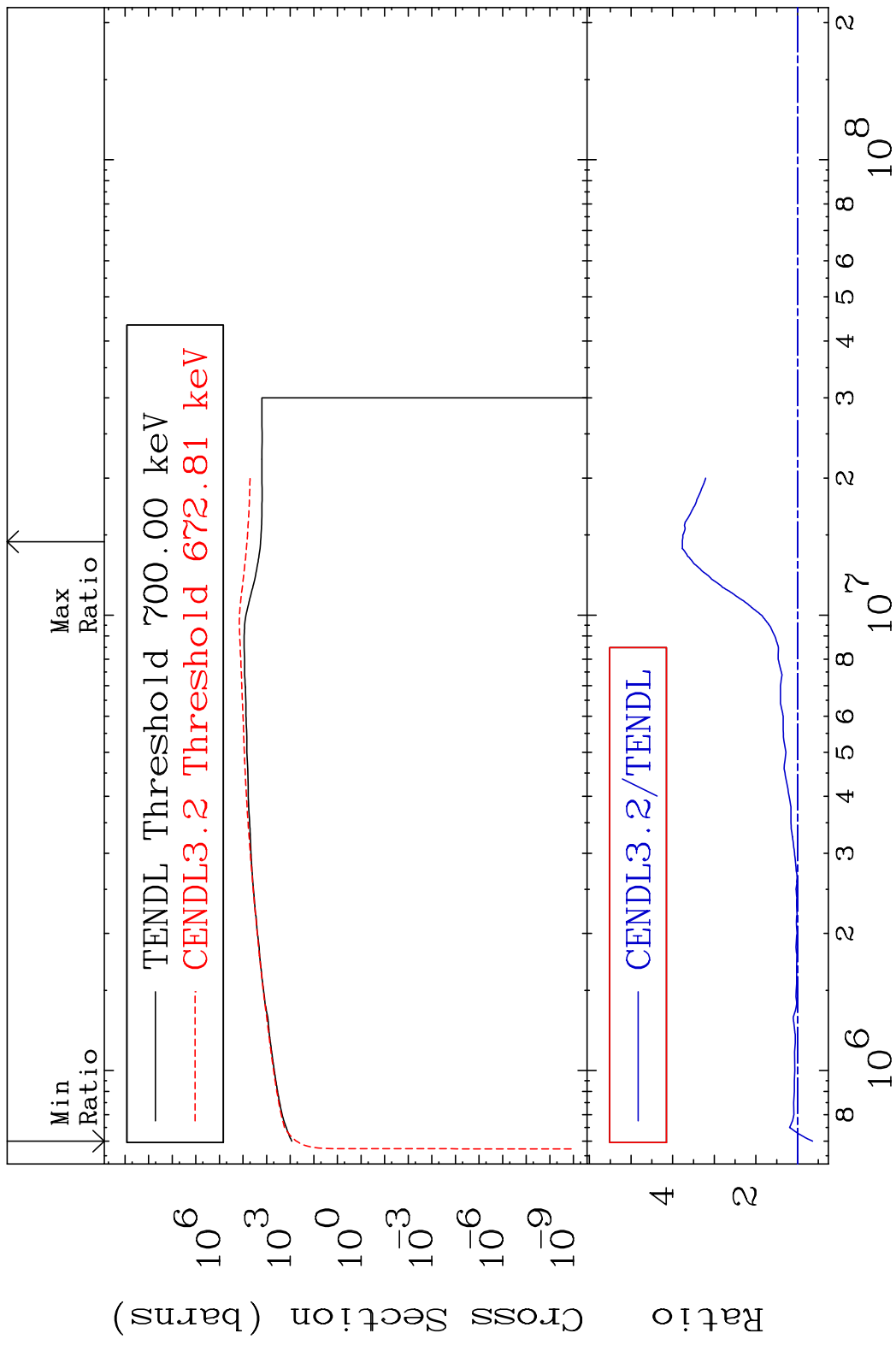


44

Incident Energy (eV)

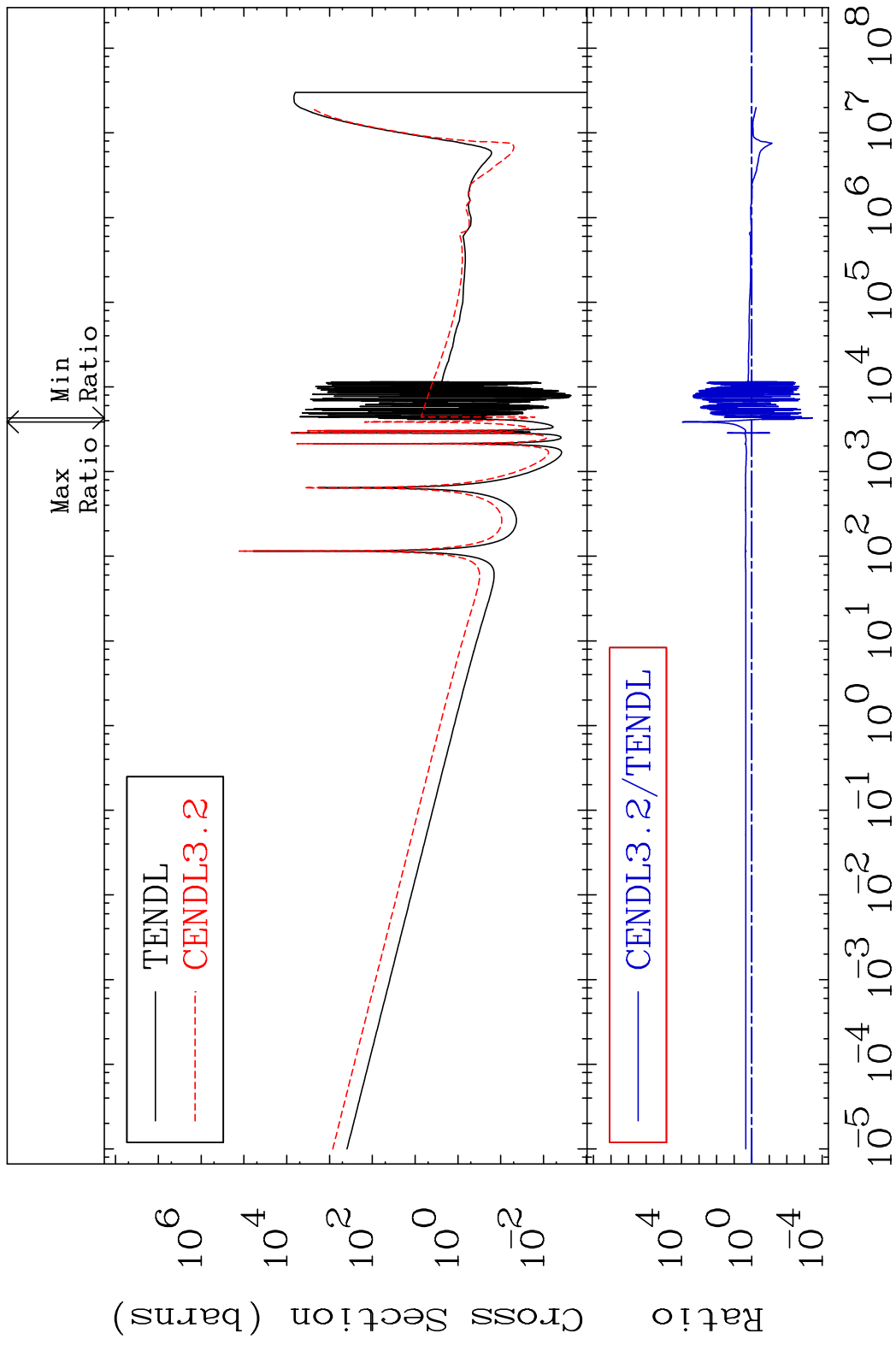
54-Xe-132

MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132
 Cross Section -36.16 To 276.7 %



45 Incident Energy (eV) 54-Xe-132

MAT 5449 Dpa disappearance (mt102 -120) 54-Xe-132
 Cross Section -99.97 To 9999. %

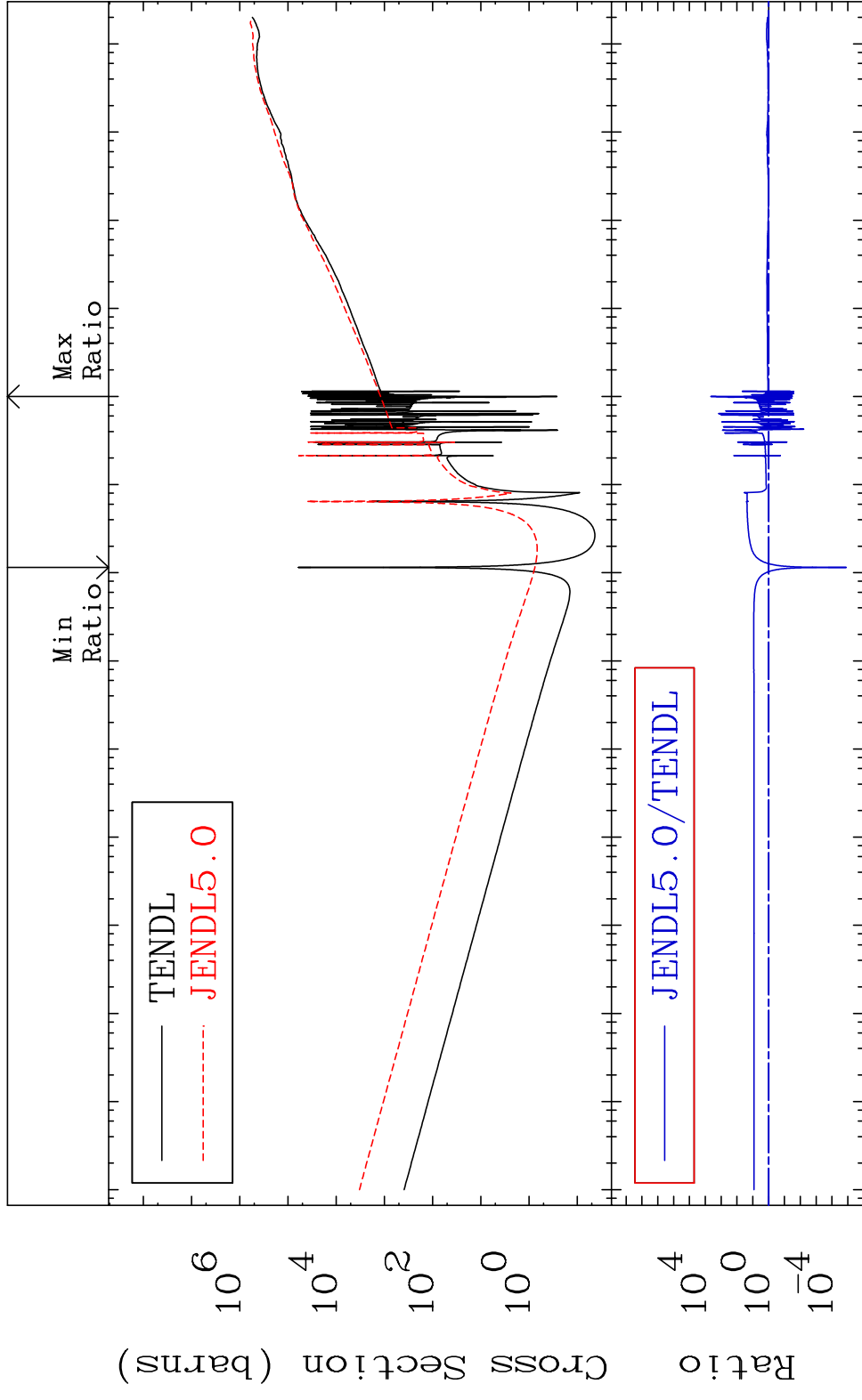


MAT 5449

Dpa total (eV-barns)

54-Xe-132

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

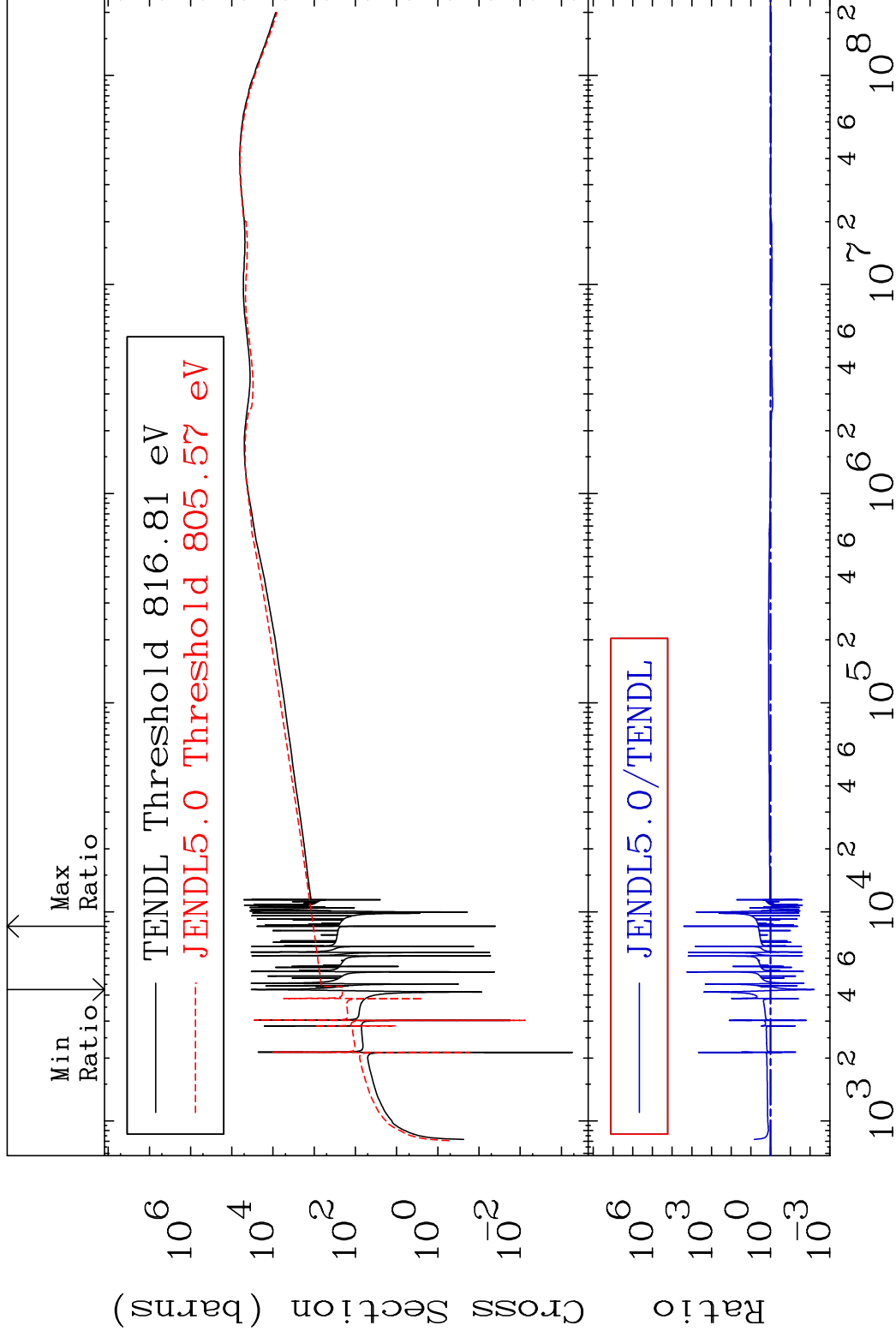
54-Xe-132

MAT 5449

Dpa elastic (mt2)

54-Xe-132

Cross Section -99.38 To 9999. %

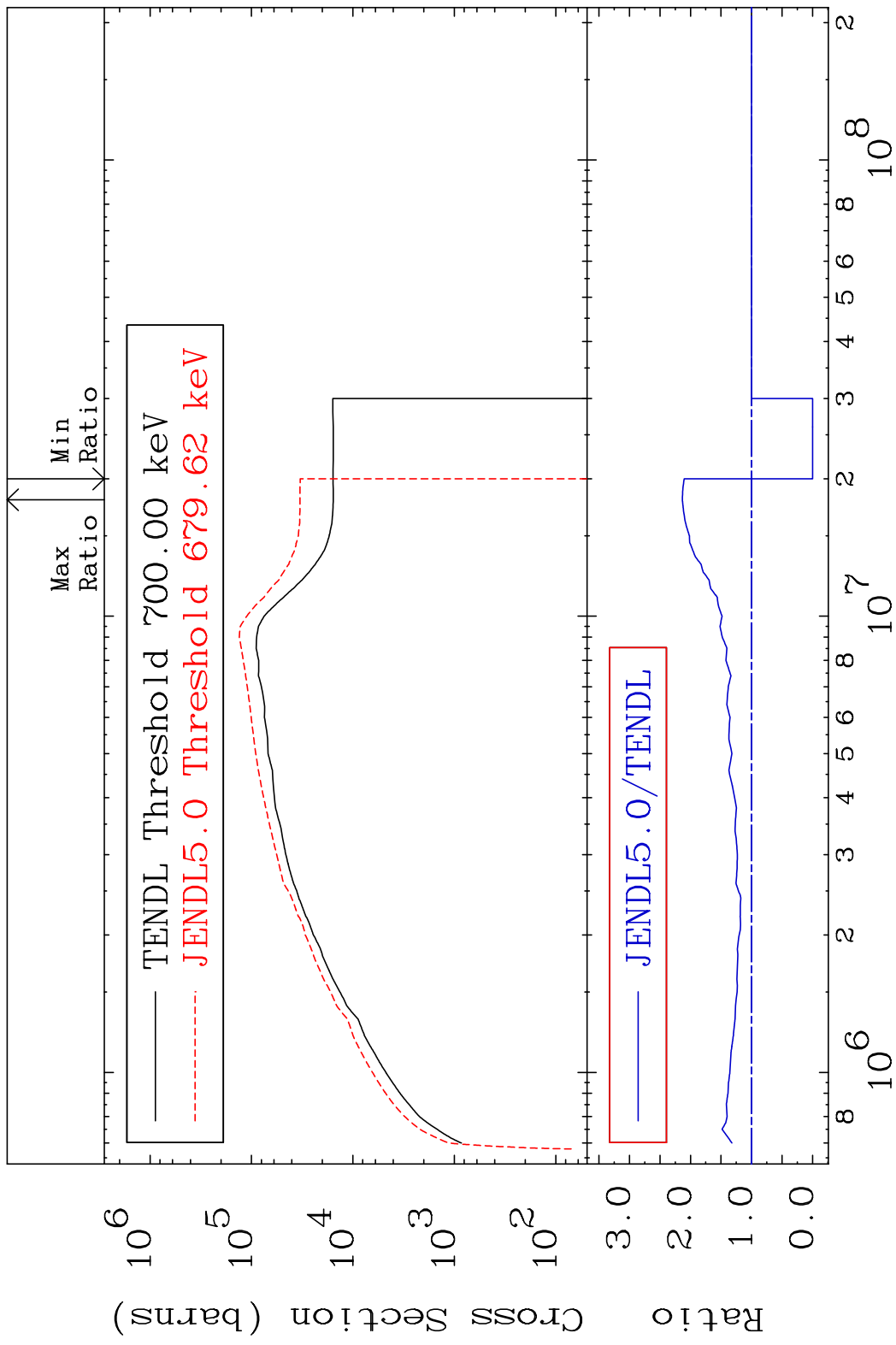


48

Incident Energy (eV)

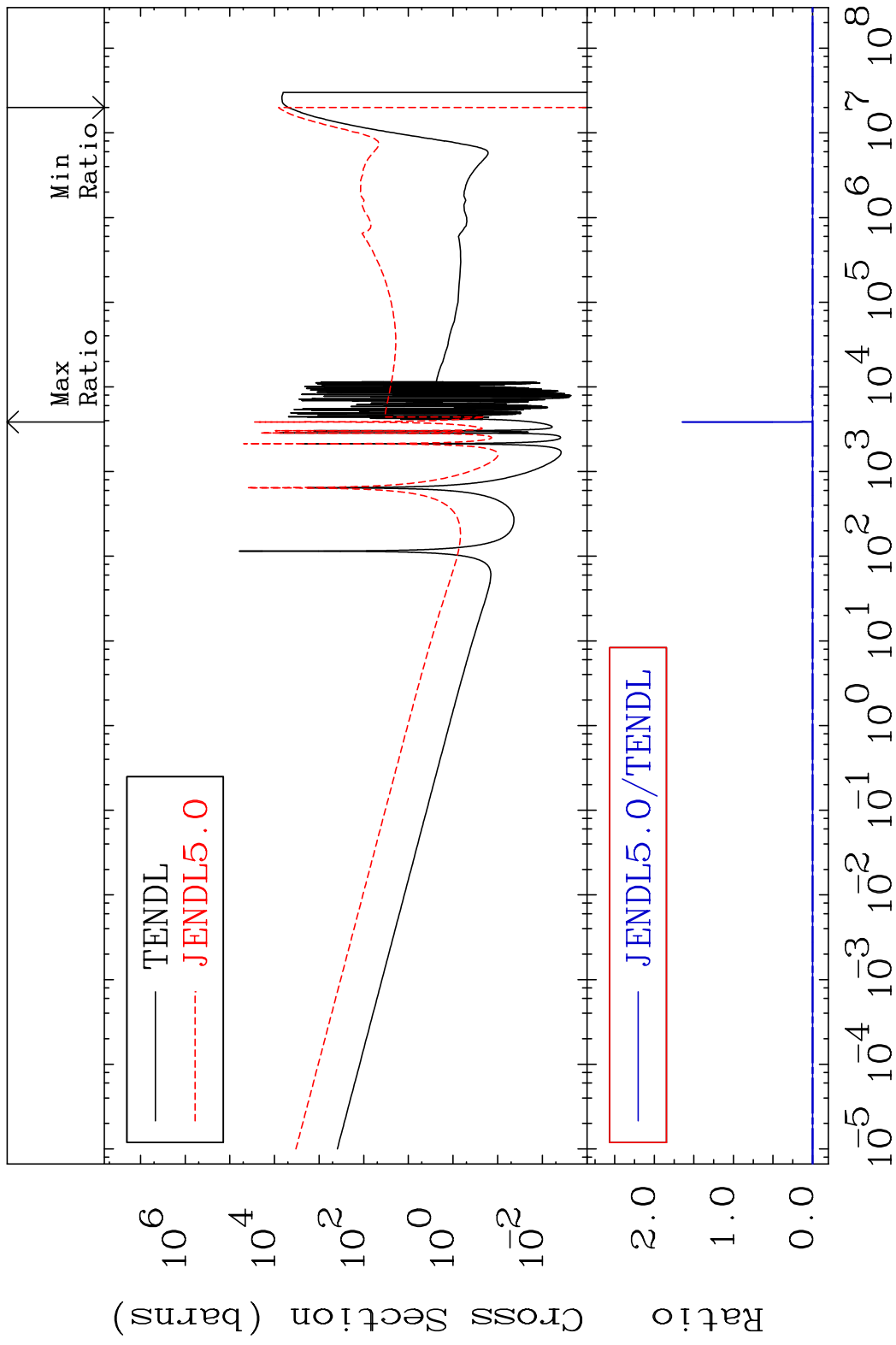
54-Xe-132

MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132
 Cross Section -100.0 To 113.3 %



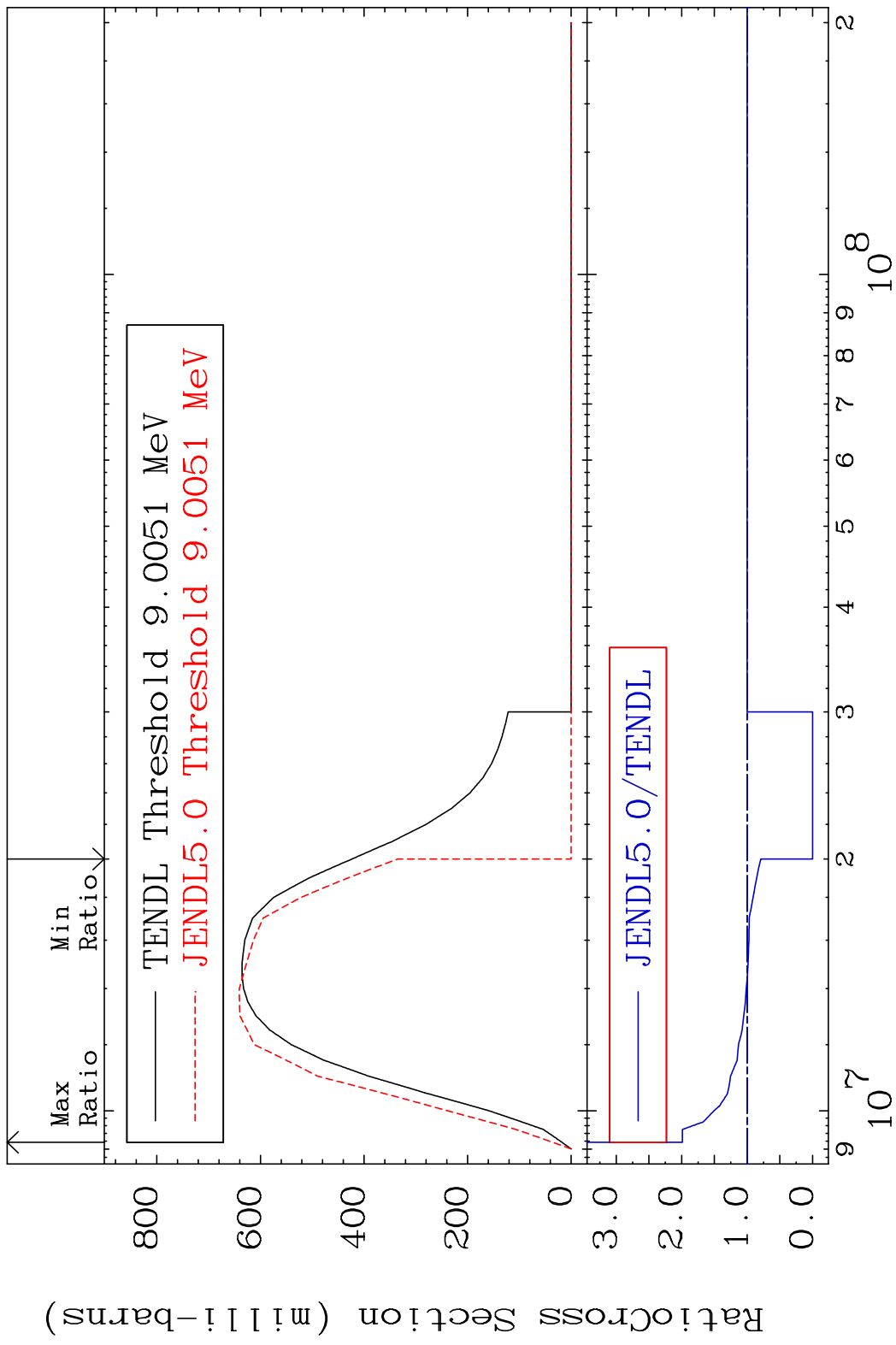
49 Incident Energy (eV) 54-Xe-132

MAT 5449 Dpa disappearance (mt102 -120) 54-Xe-132
 Cross Section -100.0 To 9999. %

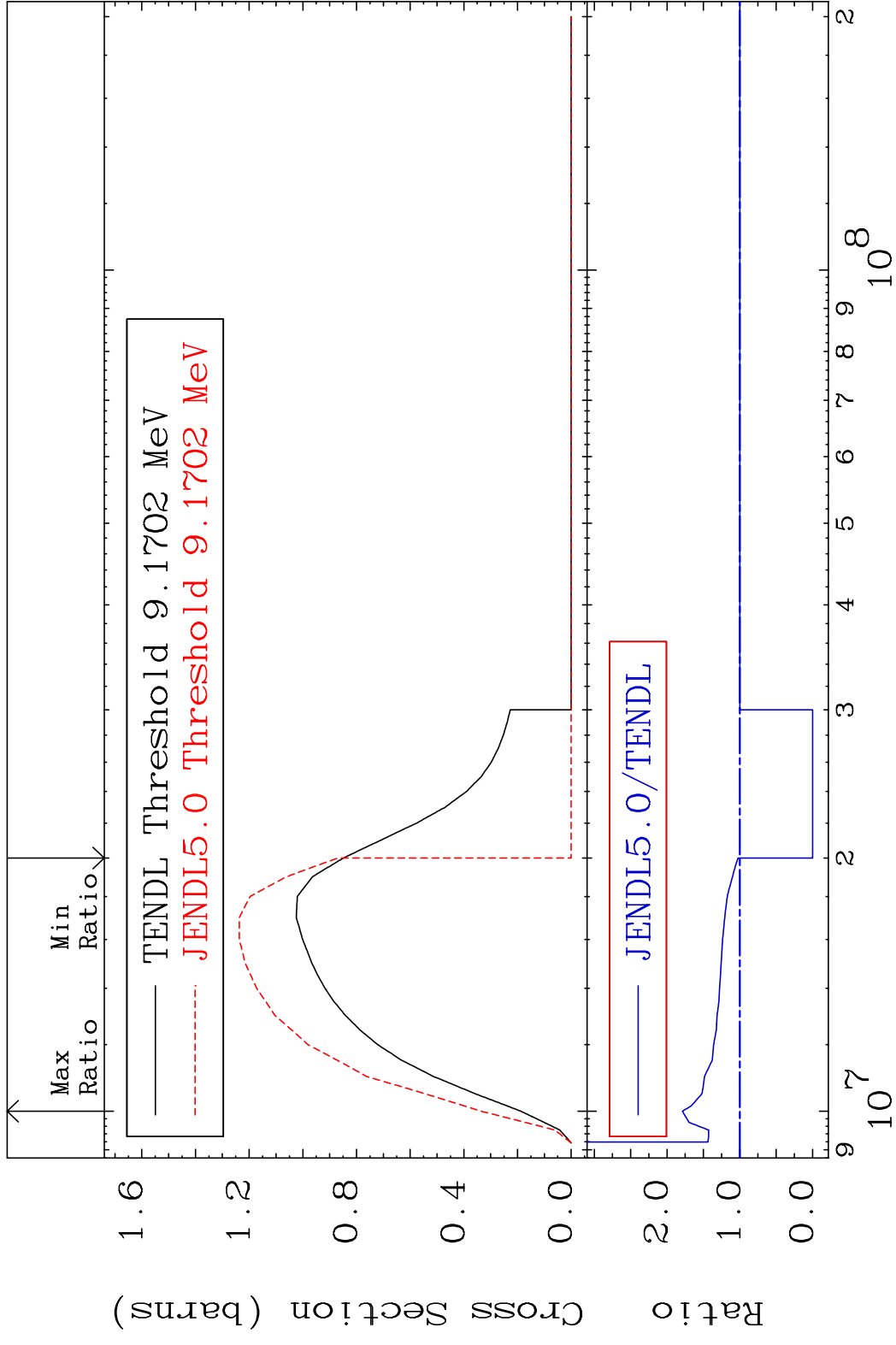


50 Incident Energy (eV) 54-Xe-132

MAT 5449 (n,2n):54-Xe-131g 54-Xe-132
 Radionuclide Production Cross Section Ratio 98.94 %



MAT 5449 (n,2n):54-Xe-131m2 54-Xe-132
 Radionuclide Production Cross Section 180.01 dth 78.93 %



MAT 5449 (n,p):53-I -132g 54-Xe-132
 Radionuclide Production Cross Section 1800.0 dth 4344. %

