

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

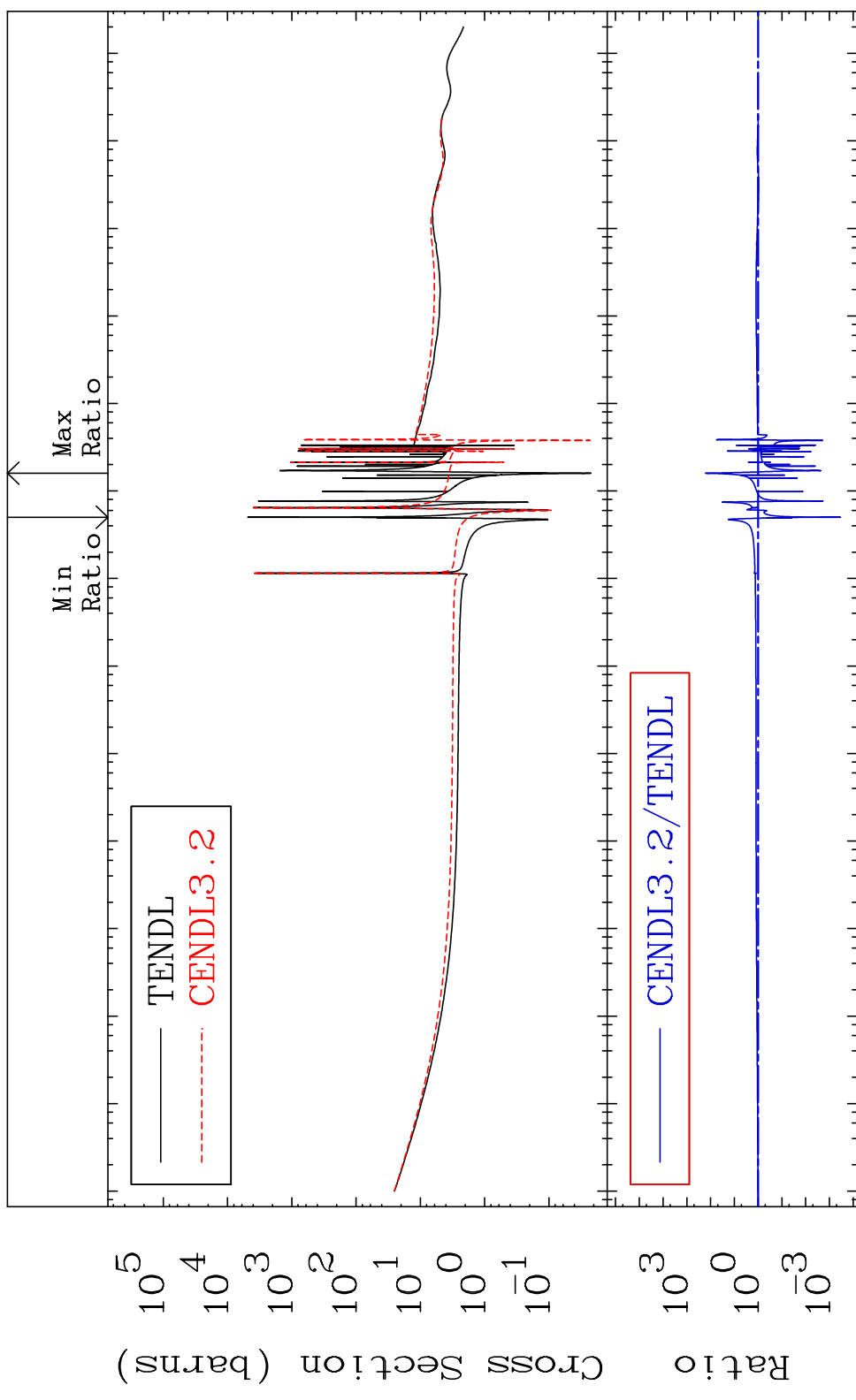
MAT 5449

Total

54-Xe-132

Cross Section

-99.97 To 9999. %



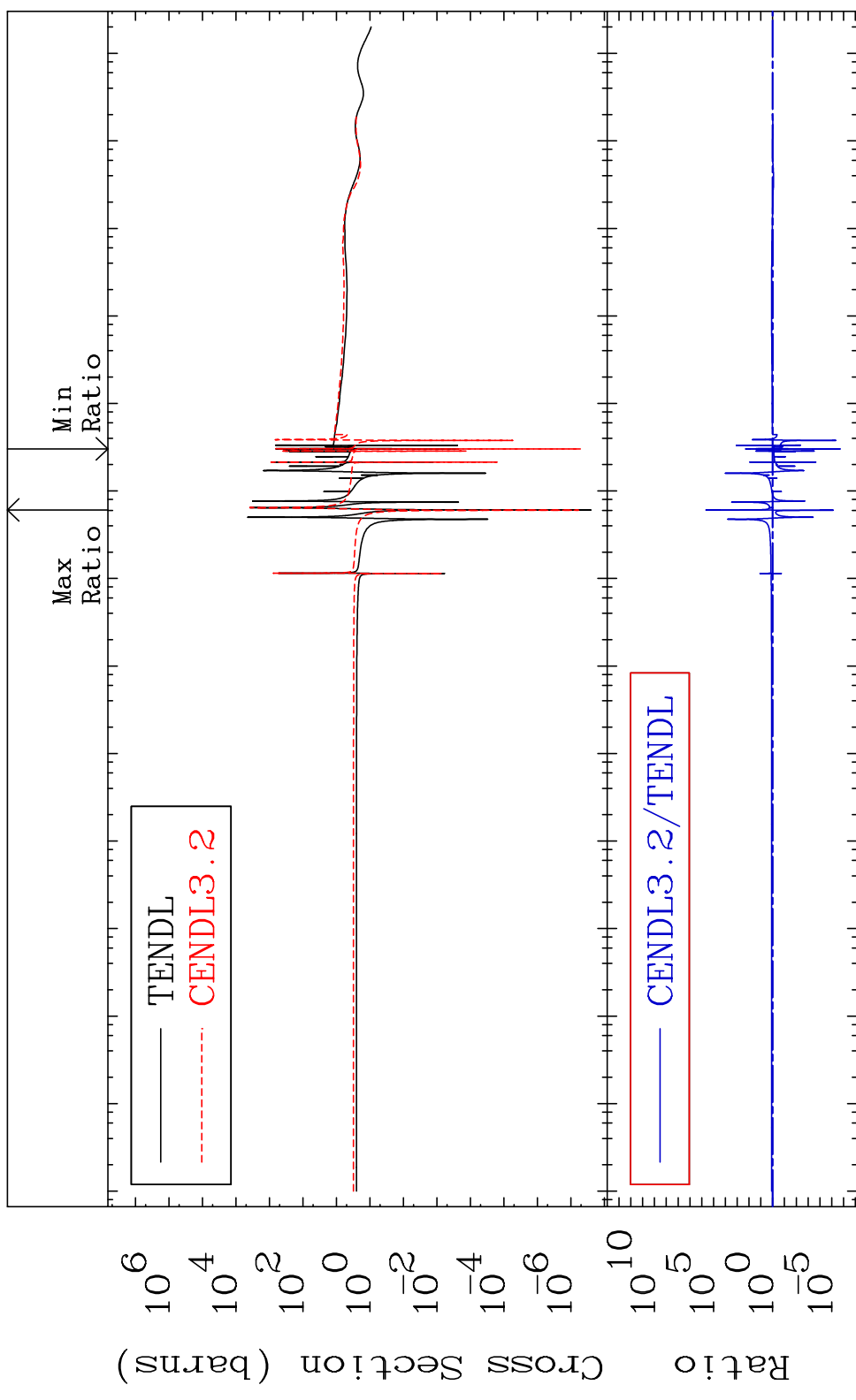
1

Incident Energy (eV)

54-Xe-132

MAT 5449

Elastic Cross Section -100.0 To 9999. %
54-Xe-132



2

Incident Energy (eV)

54-Xe-132

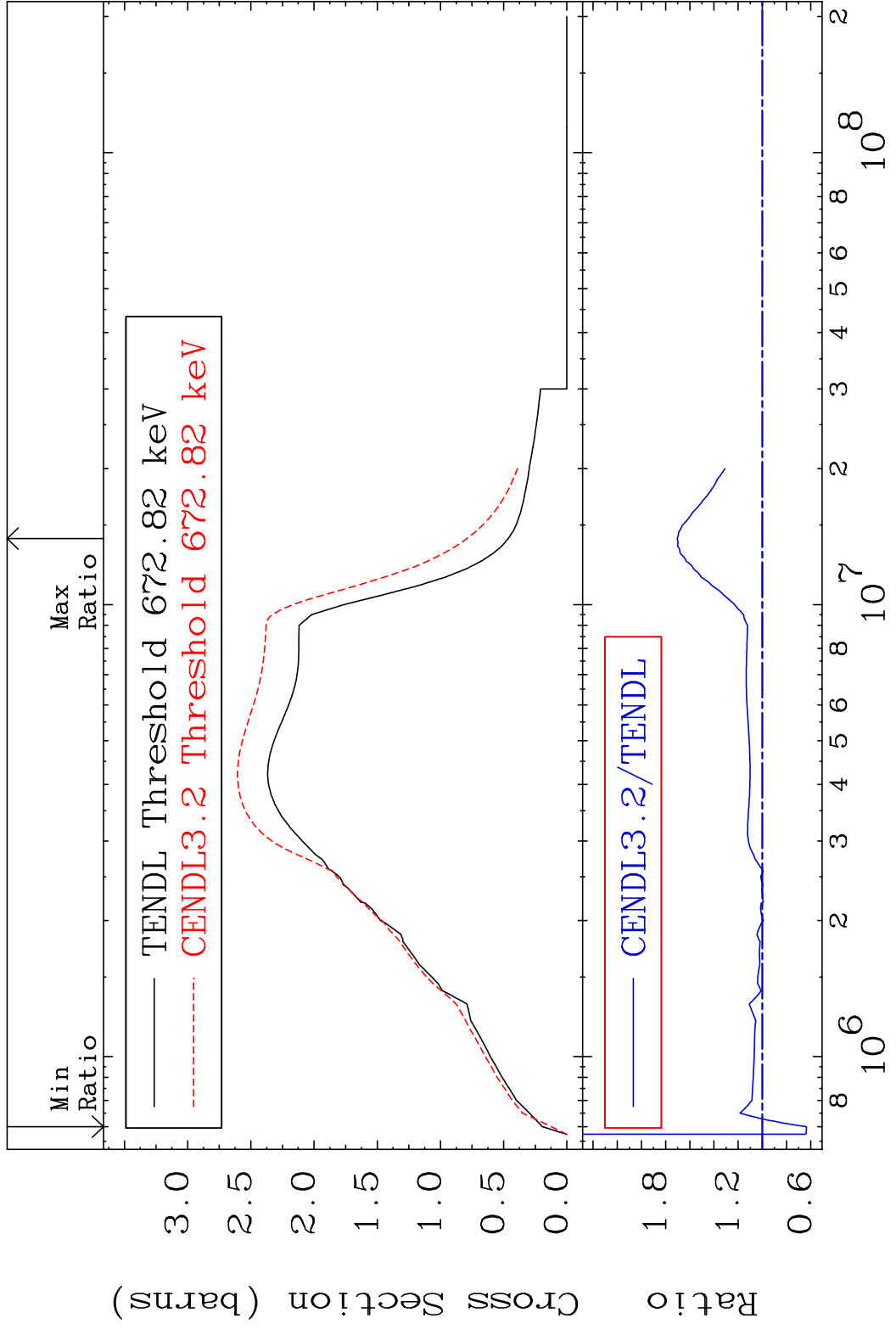
MAT 5449

Inelastic

54-Xe-132

Cross Section

-36.48 To 70.43 %



3

Incident Energy (eV)

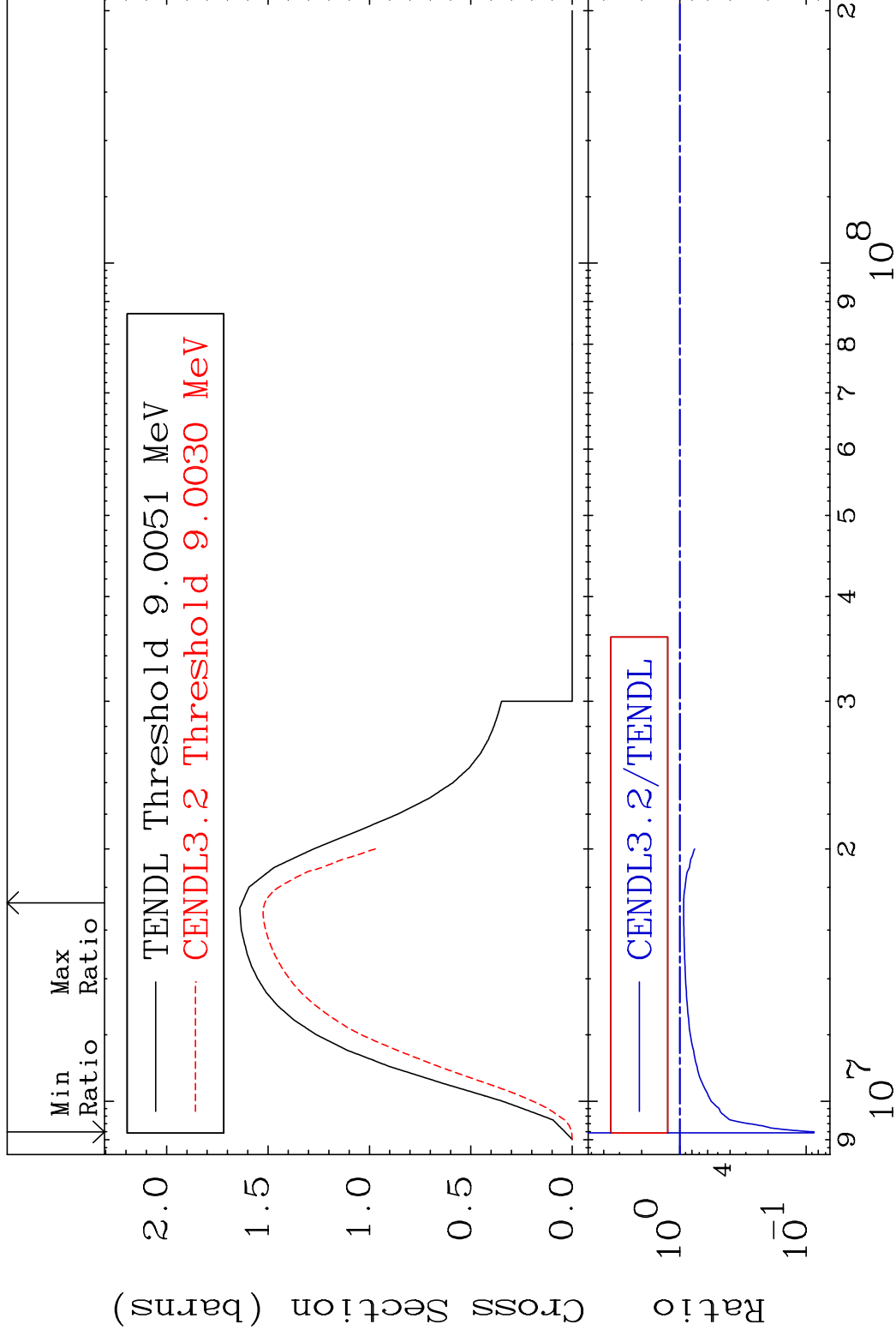
54-Xe-132

MAT 5449

(n,2n)

54-Xe-132

Cross Section -91.36 To -6.890%



4

Incident Energy (eV)

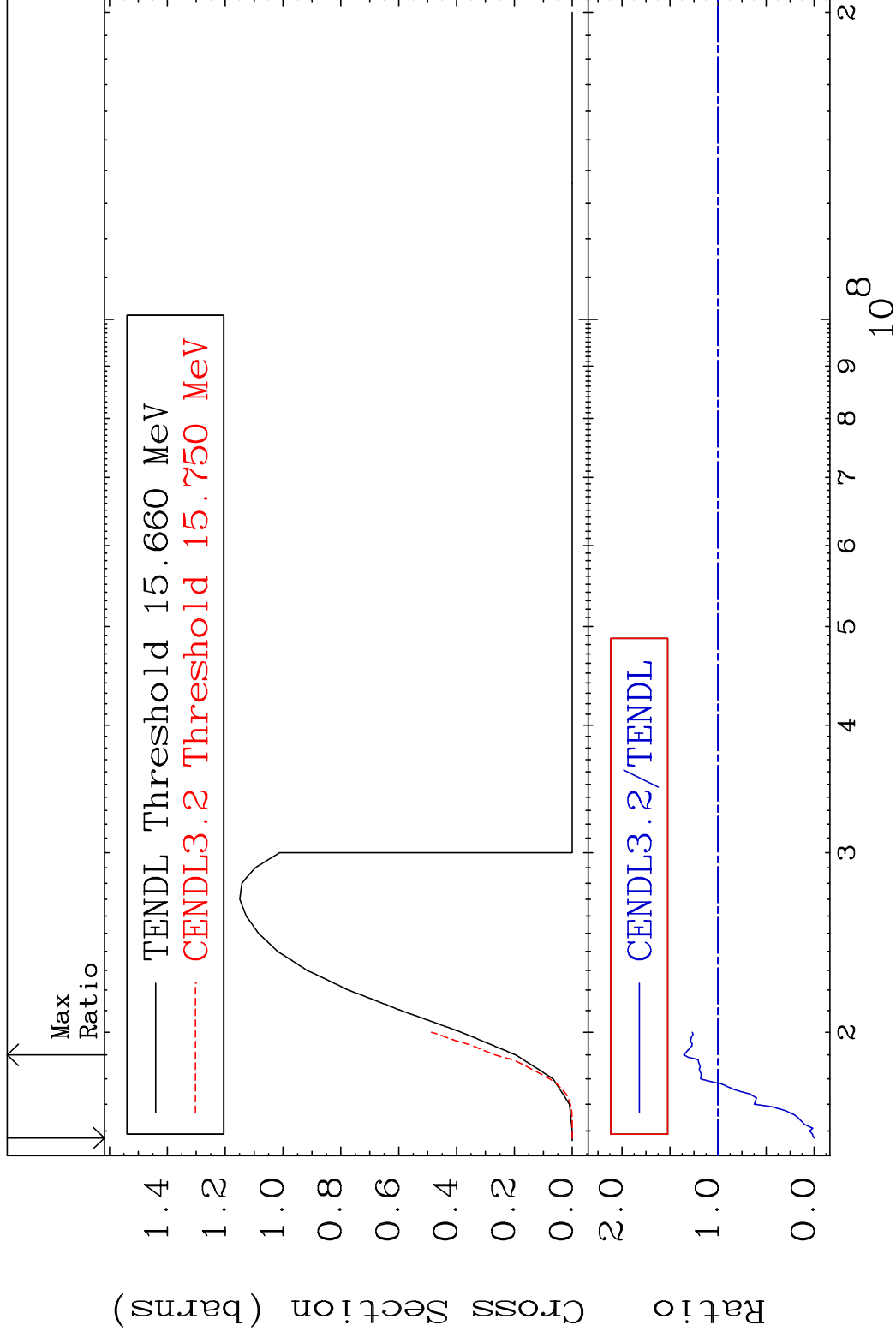
54-Xe-132

MAT 5449

(n,3n)

54-Xe-132

Cross Section -100.0 To 35.82 %

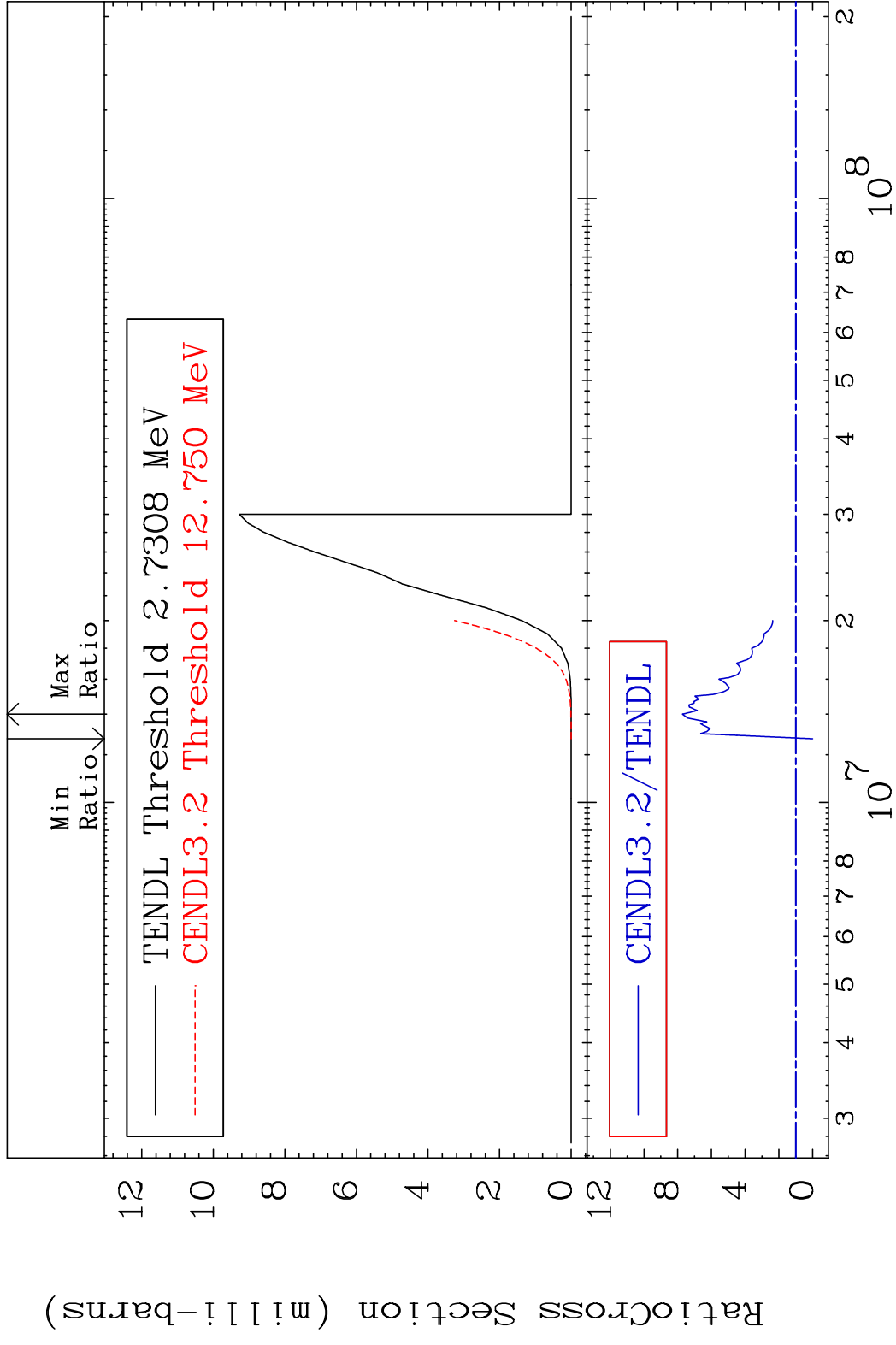


5

Incident Energy (eV)

54-Xe-132

MAT 5449 (n, n') α 54-Xe-132
 Cross Section -100.0 To 672.3 %

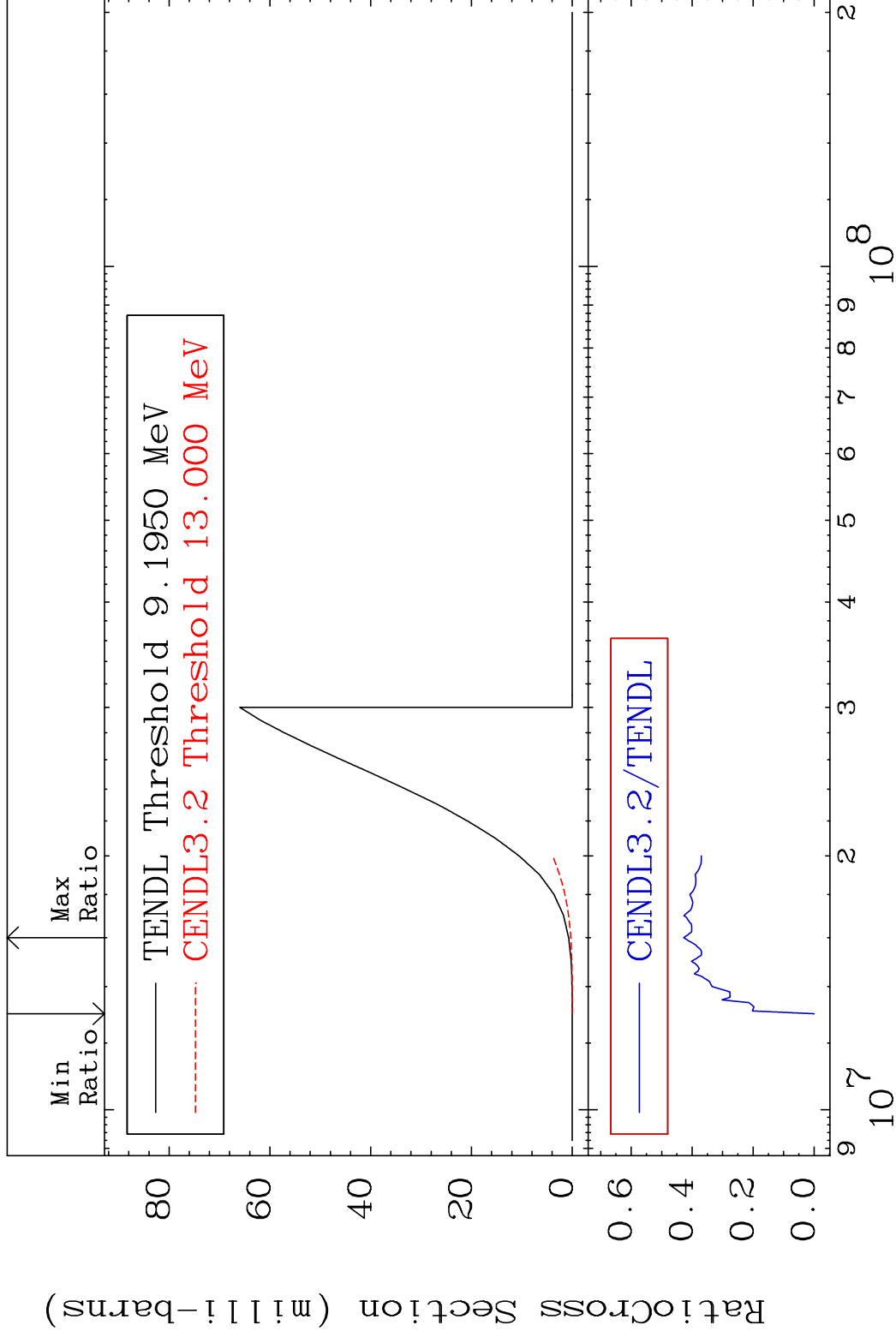


MAT 5449

(n, n') p

54-Xe-132

Cross Section -100.0 To -57.21%

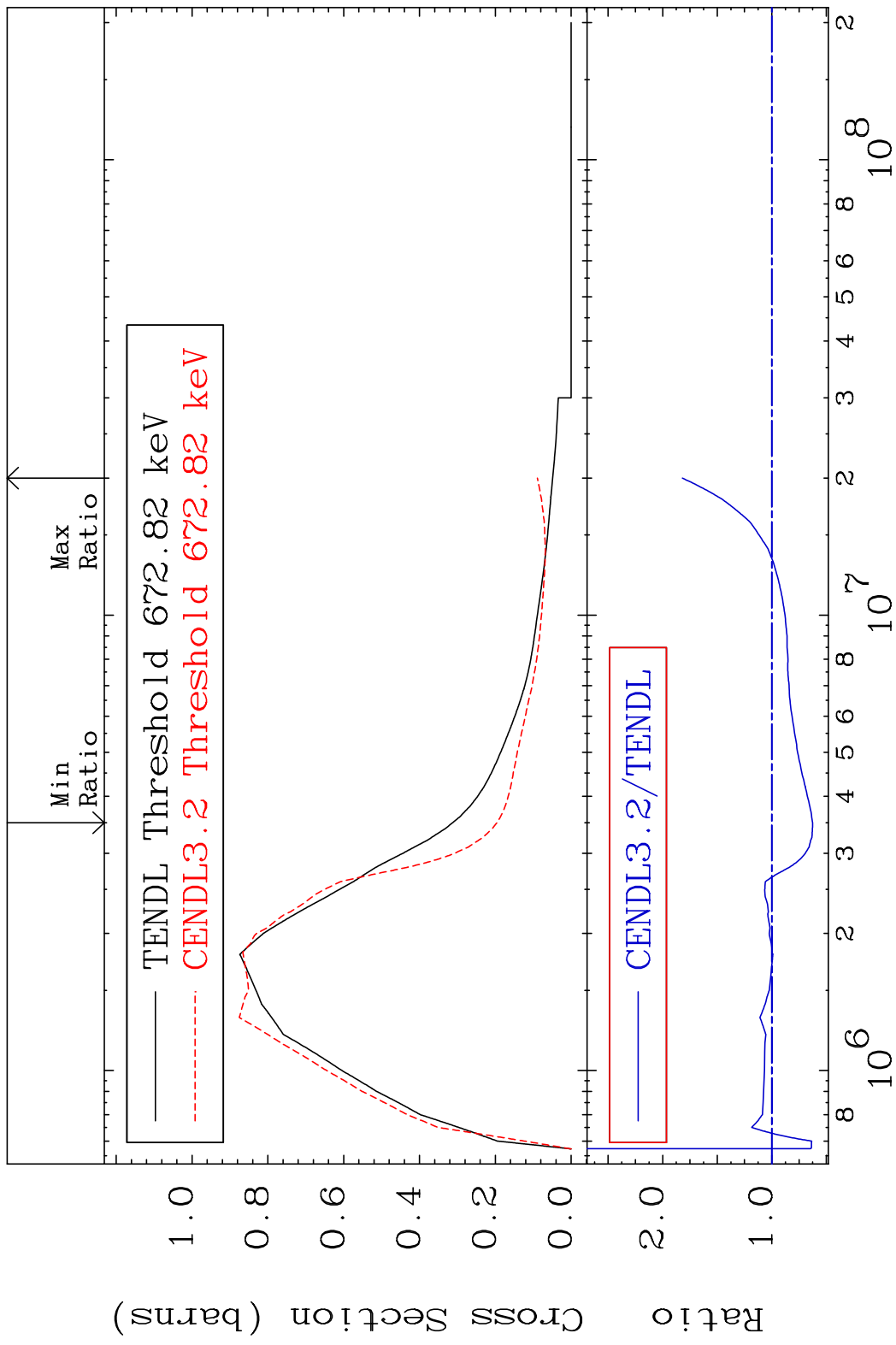


7

Incident Energy (eV)

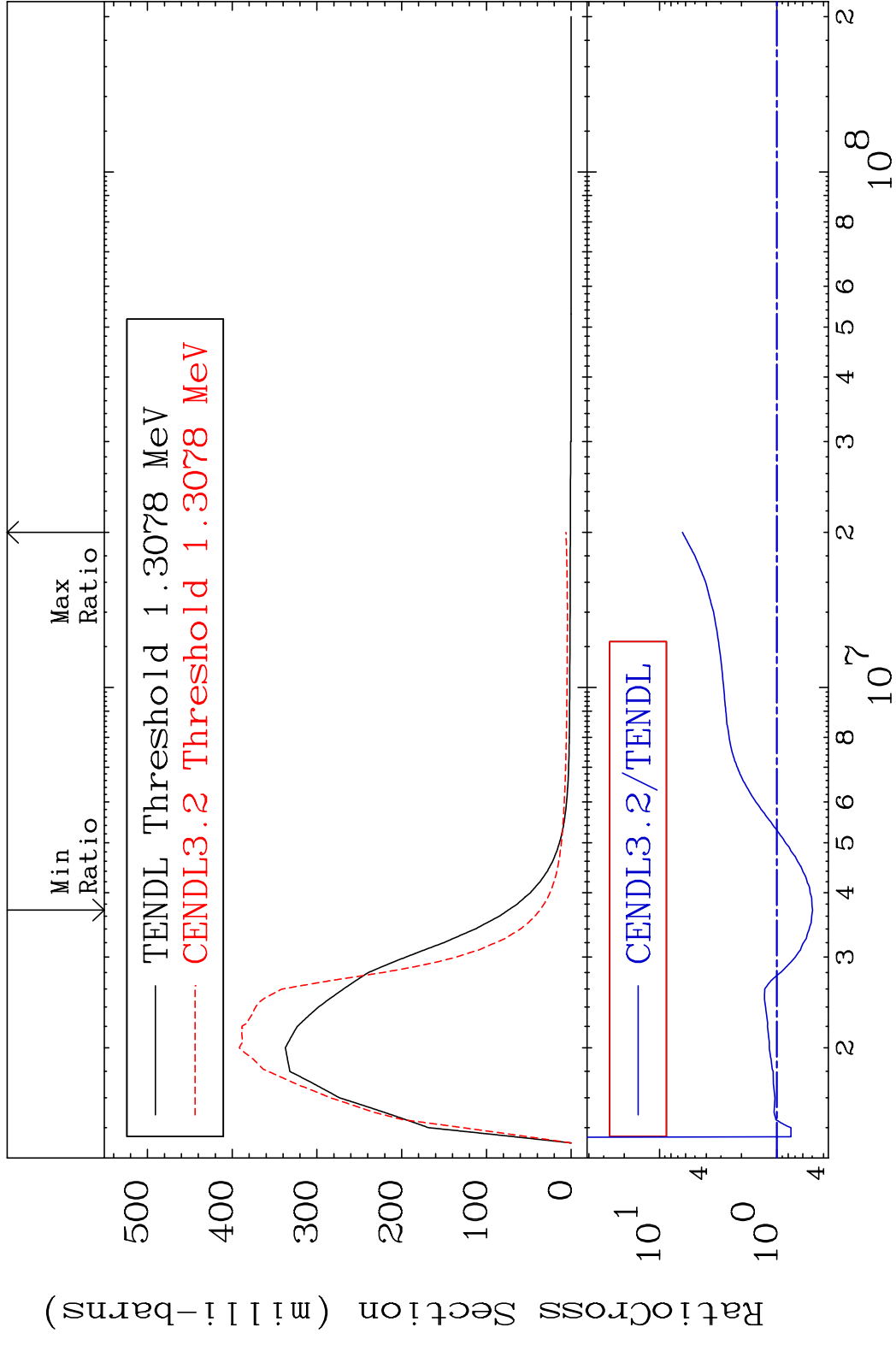
54-Xe-132

MAT 5449 MT= 51 (n, n') Level 54-Xe-132
 Cross Section -37.37 To 81.98 %

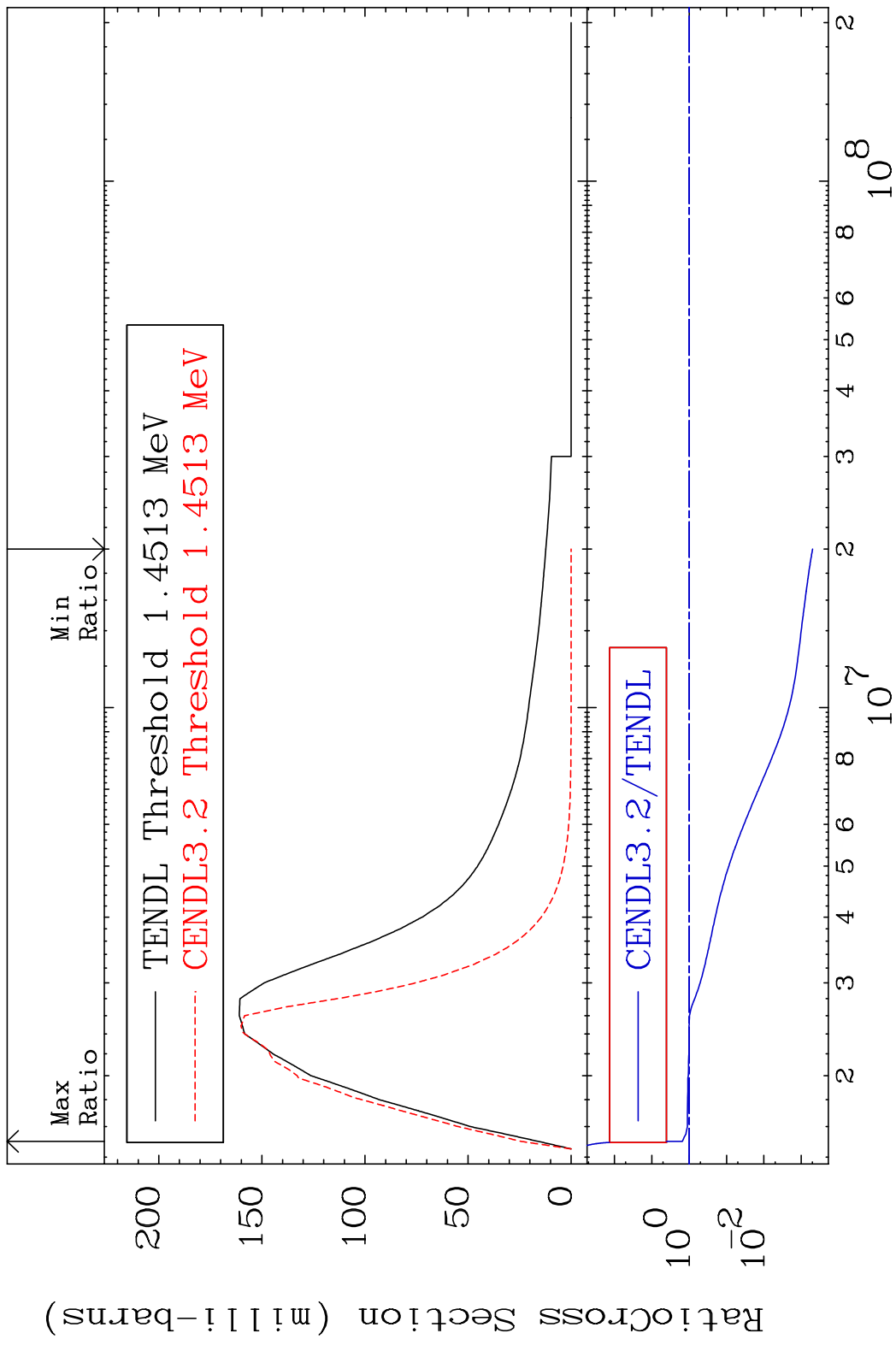


8 Incident Energy (eV) 54-Xe-132

MAT 5449 MT= 52 (n, n') Level 54-Xe-132
 Cross Section -50.41 To 539.3 %

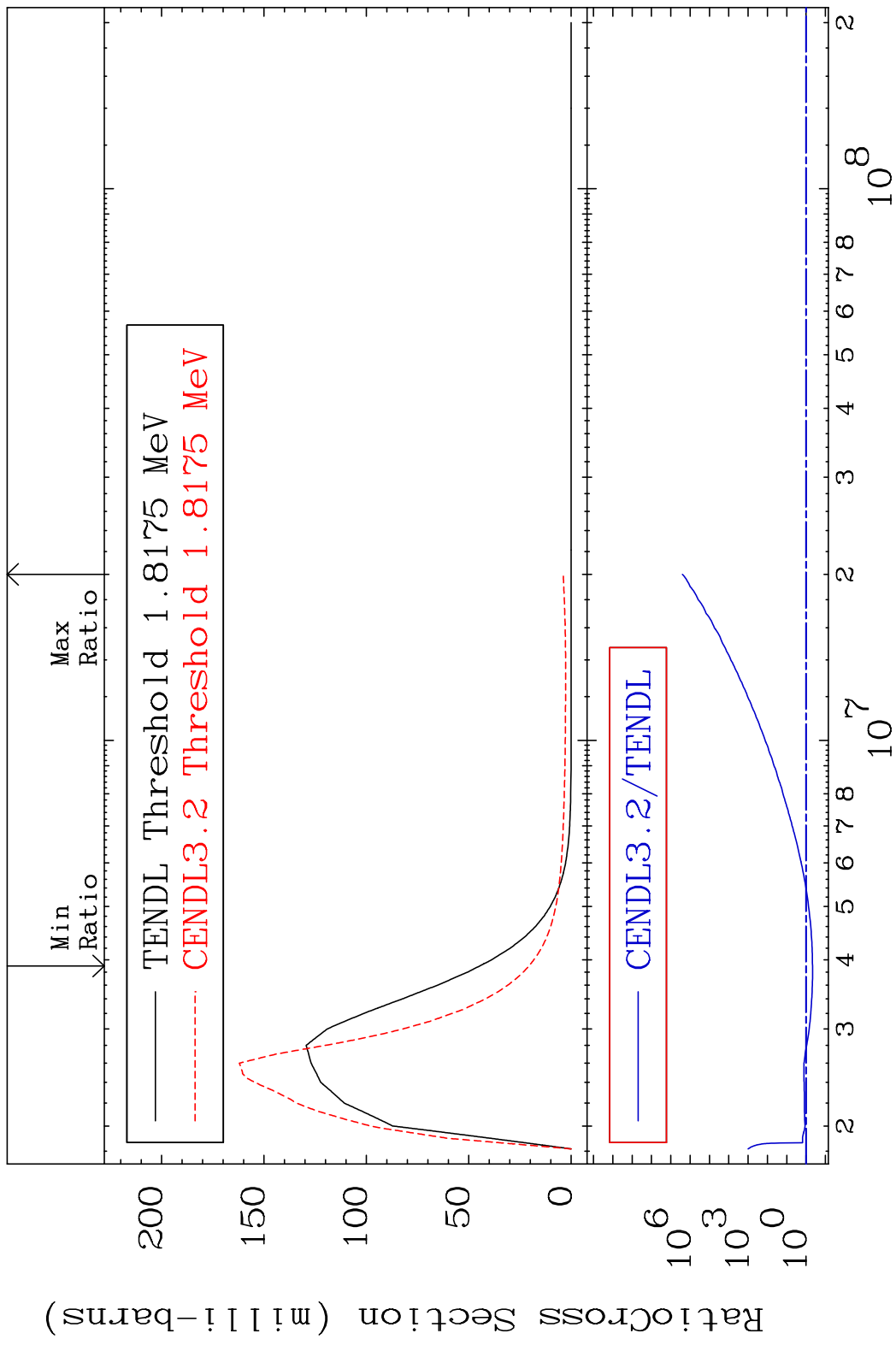


MAT 5449 MT= 53 (n, n') Level 54-Xe-132
 Cross Section -99.95 To 52.11 %

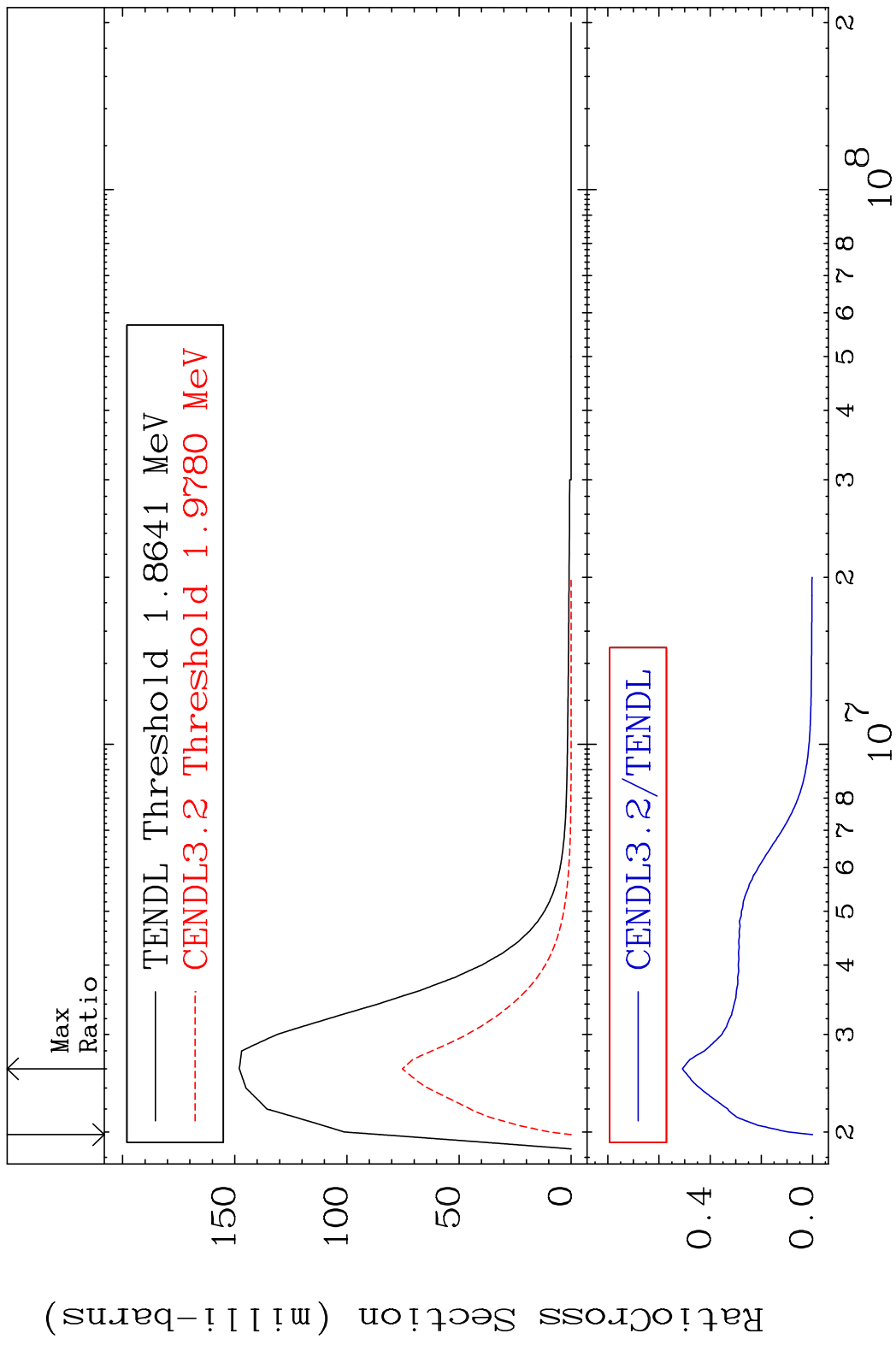


10 Incident Energy (eV) 54-Xe-132

MAT 5449 MT= 54 (n, n') Level 54-Xe-132
 Cross Section -53.91 To 9999. %

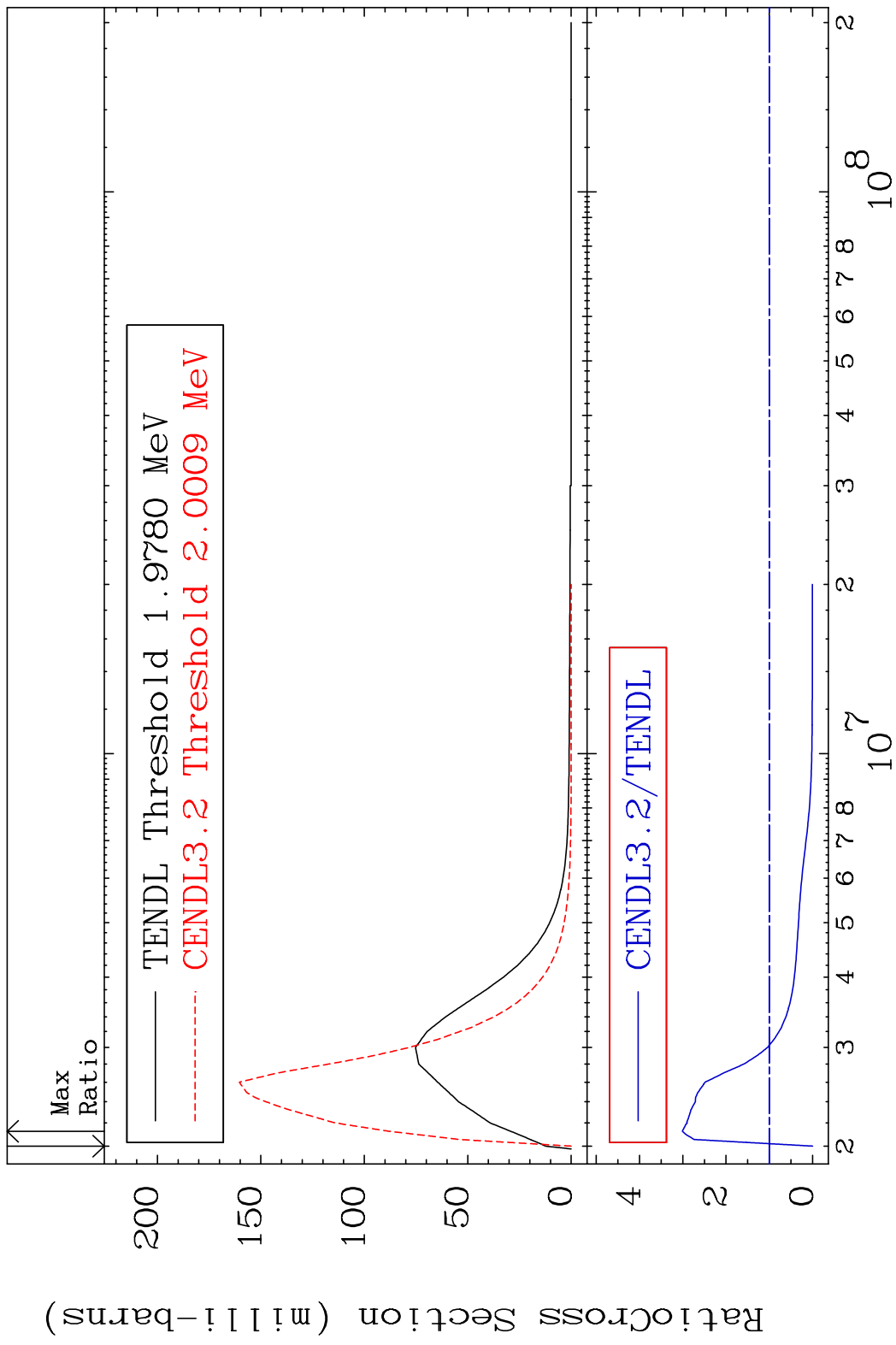


MAT 5449 MT= 55 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -49.12%

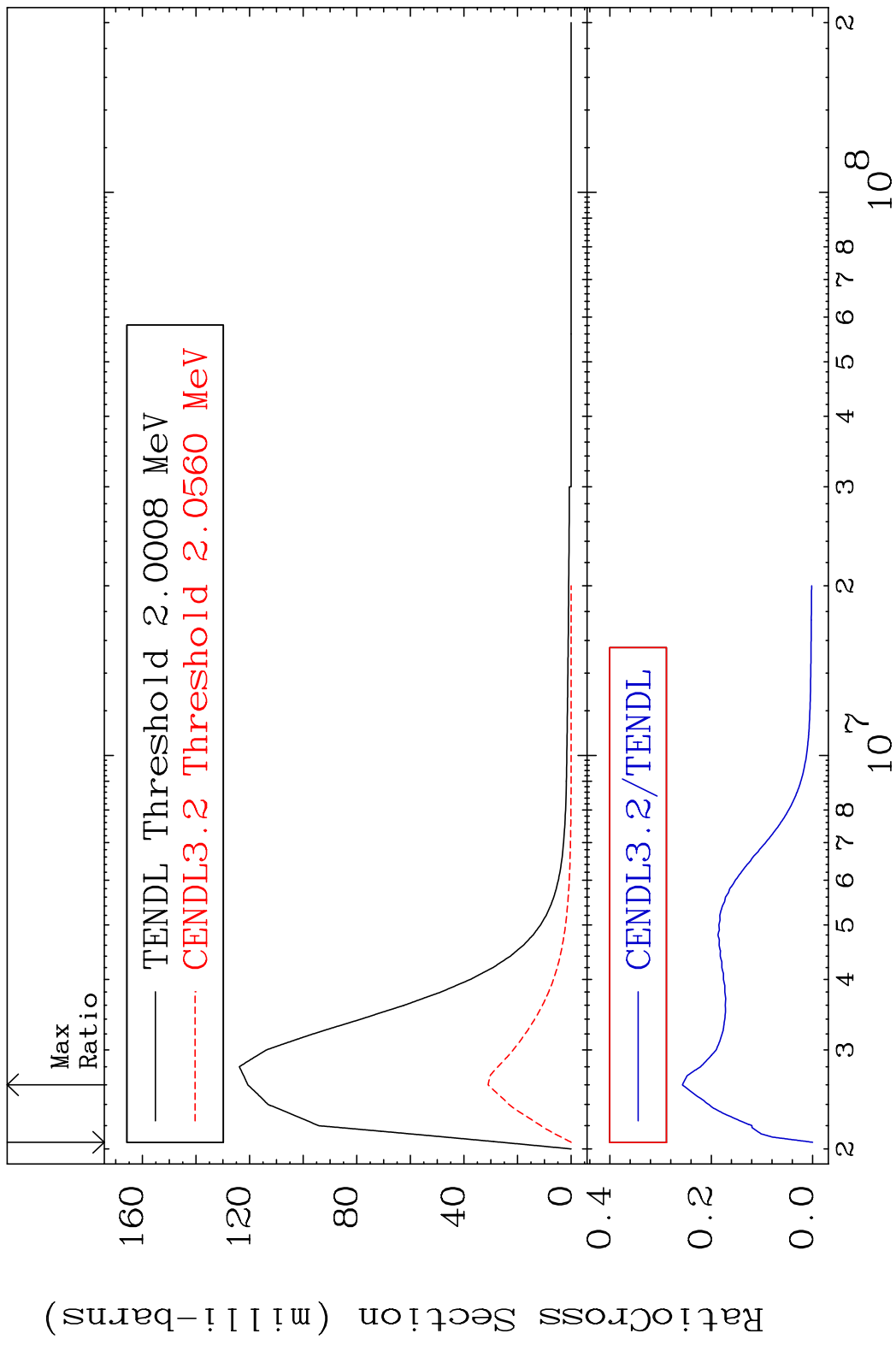


12 Incident Energy (eV) 54-Xe-132

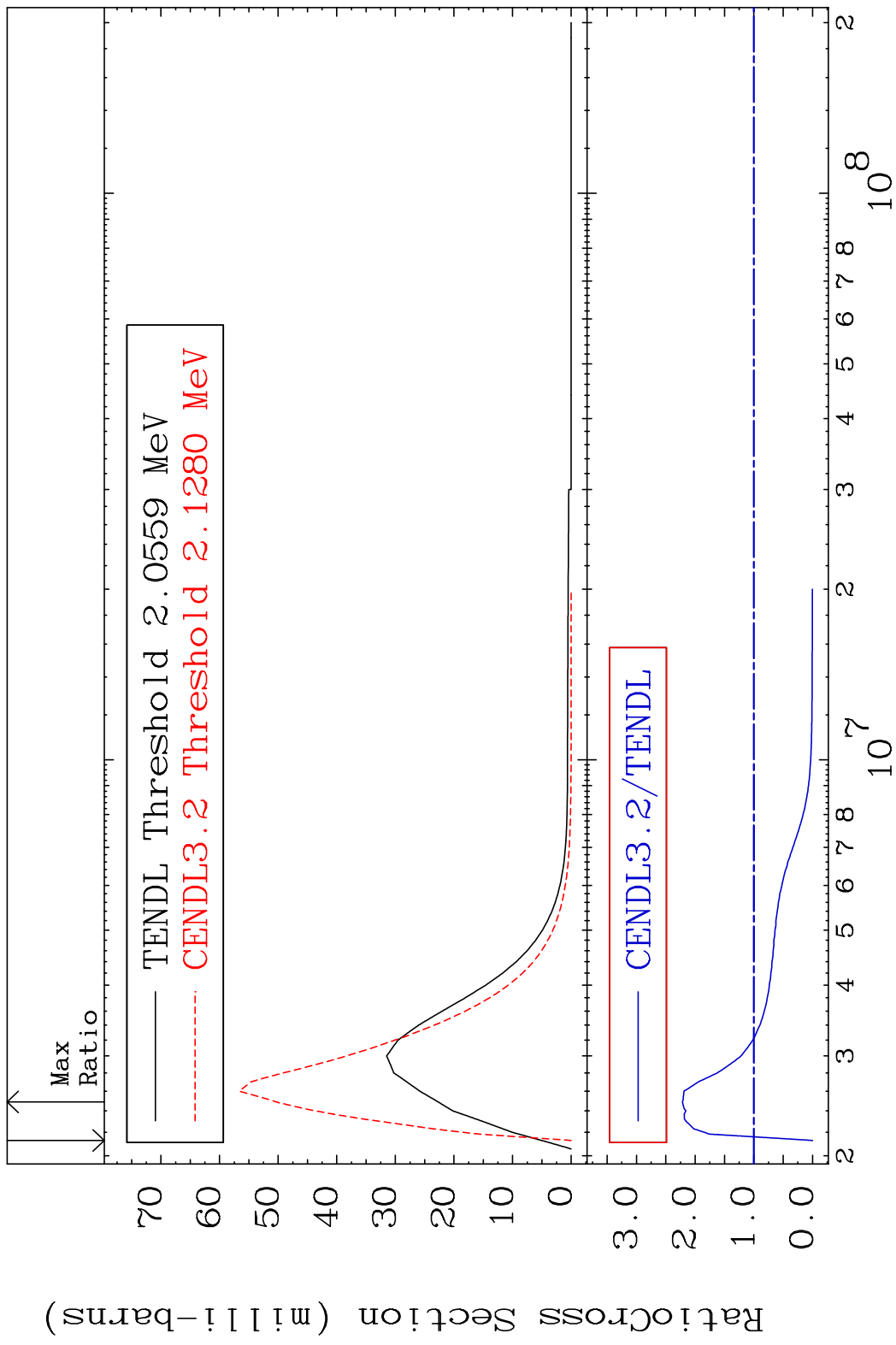
MAT 5449 MT= 56 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 200.9 %



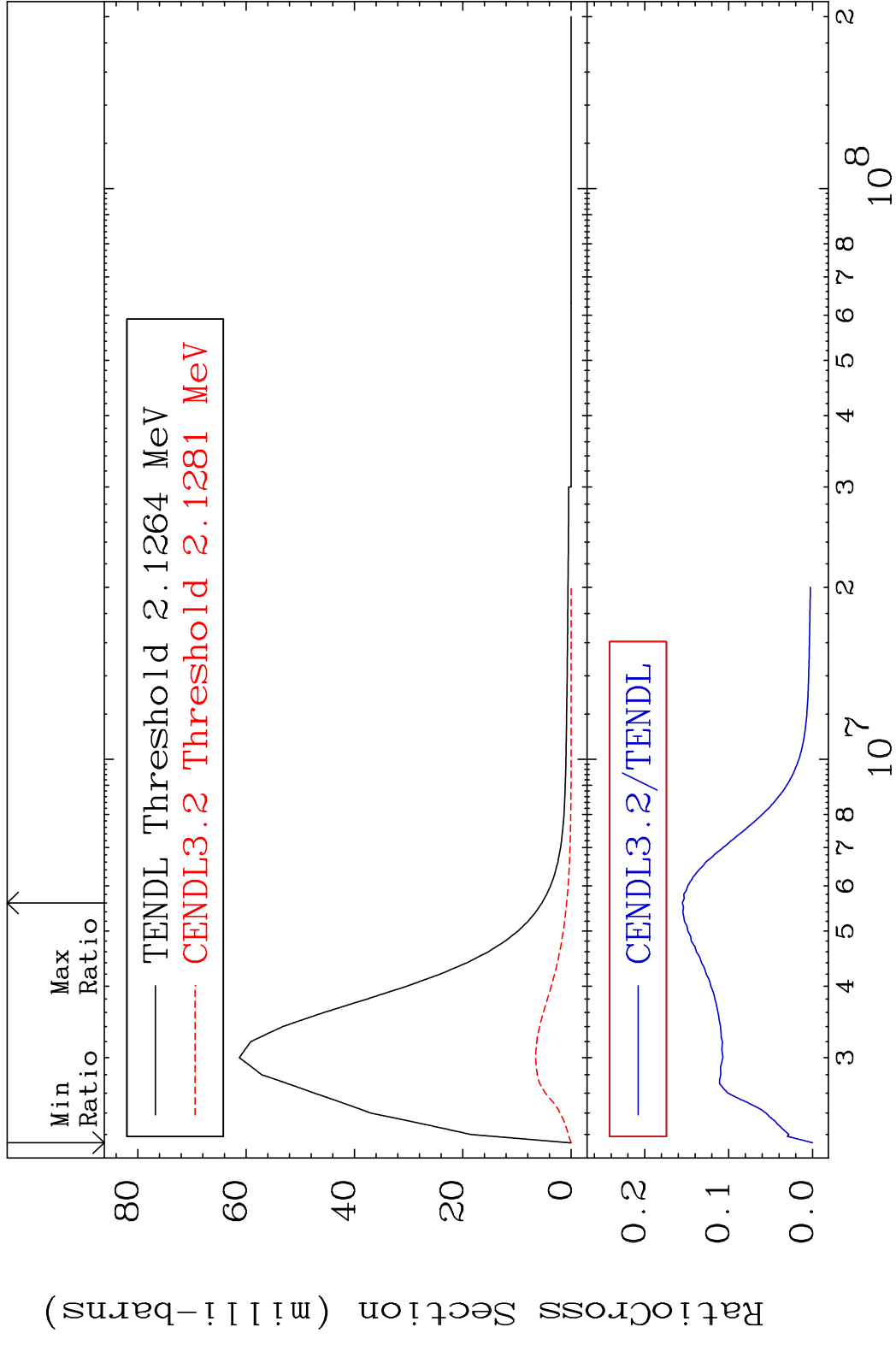
MAT 5449 MT= 57 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -74.29%



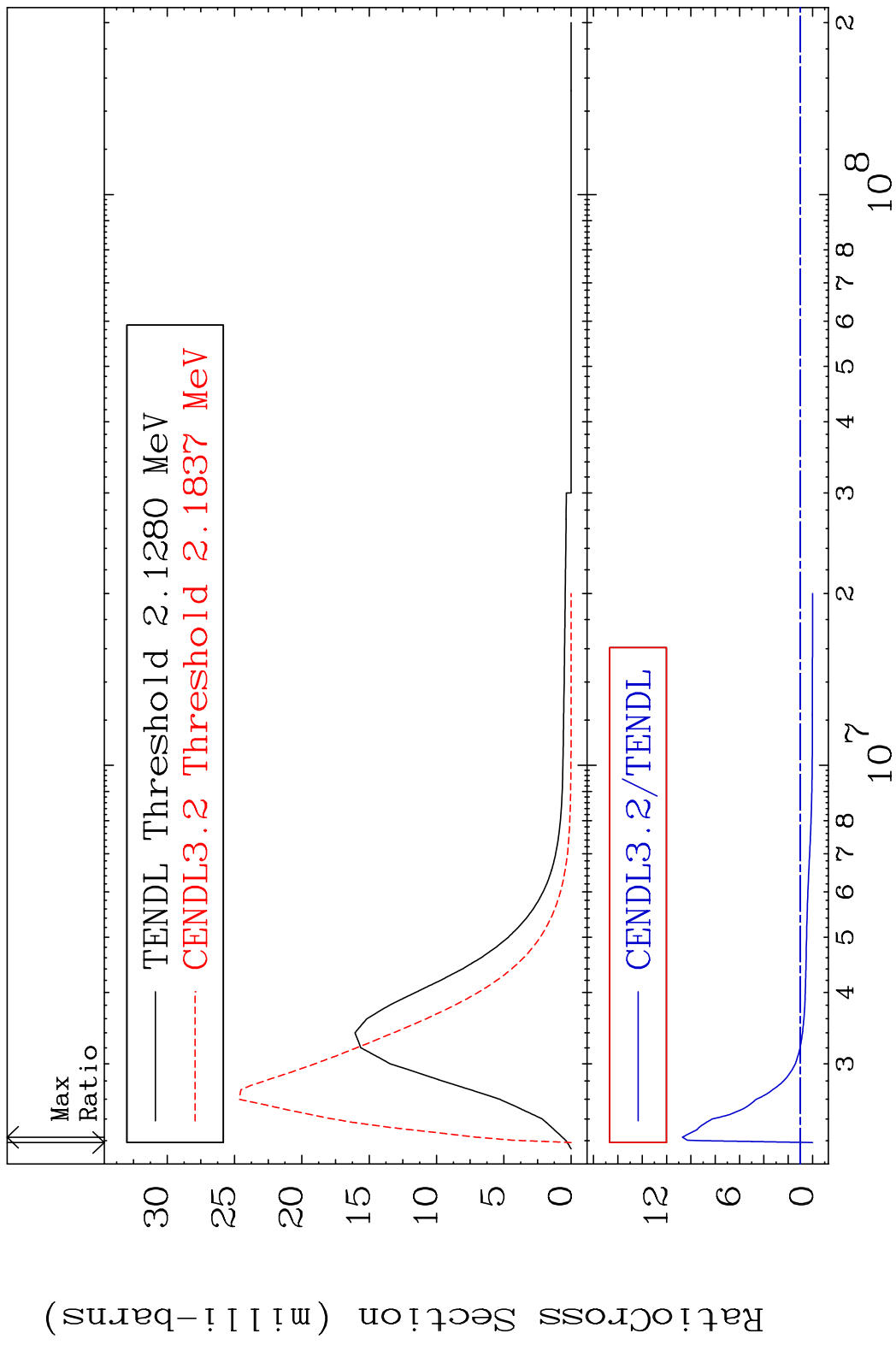
MAT 5449 MT= 58 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 121.8 %



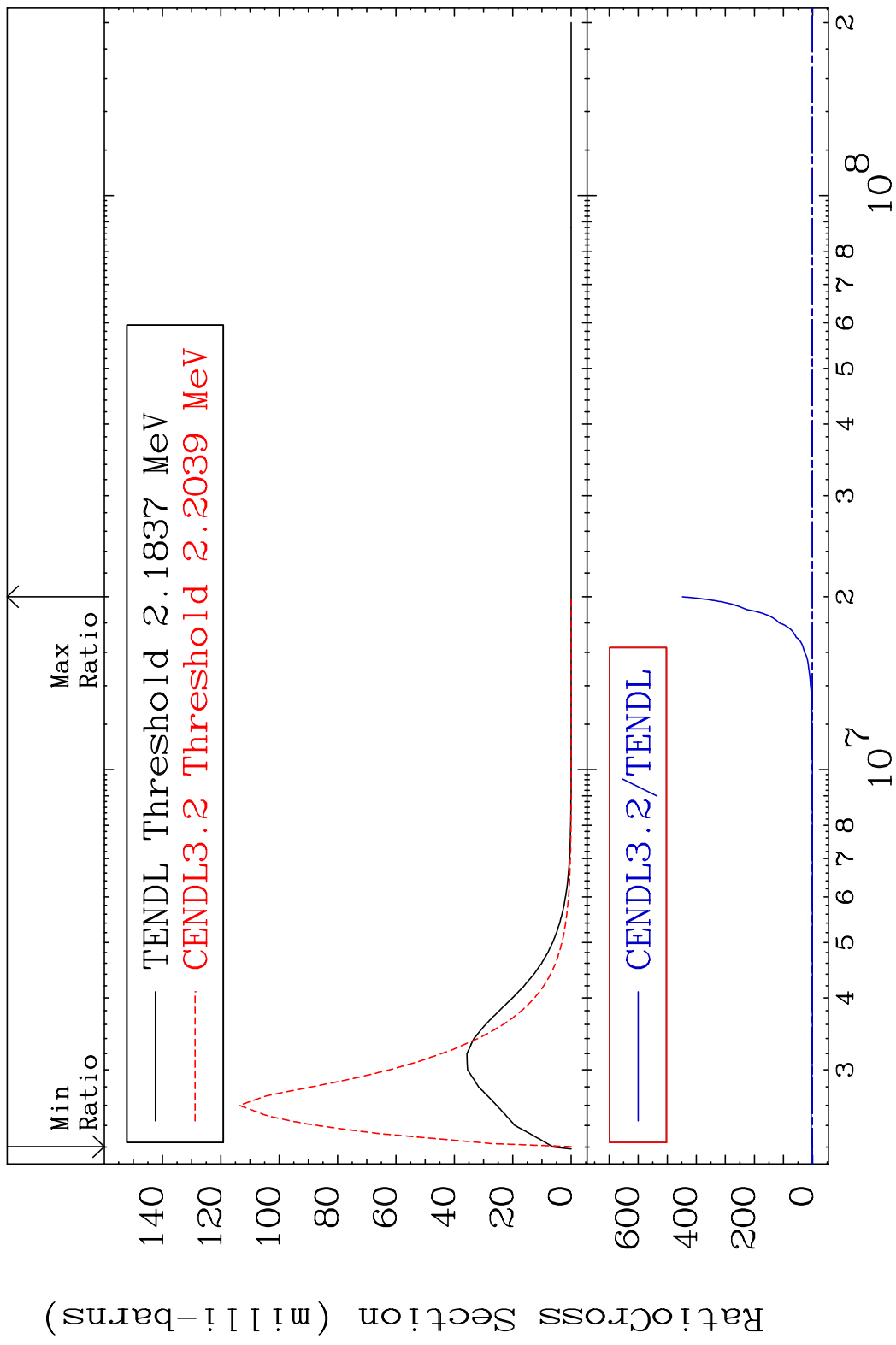
MAT 5449 MT= 59 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -84.48%



MAT 5449 MT= 60 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 970.2 %

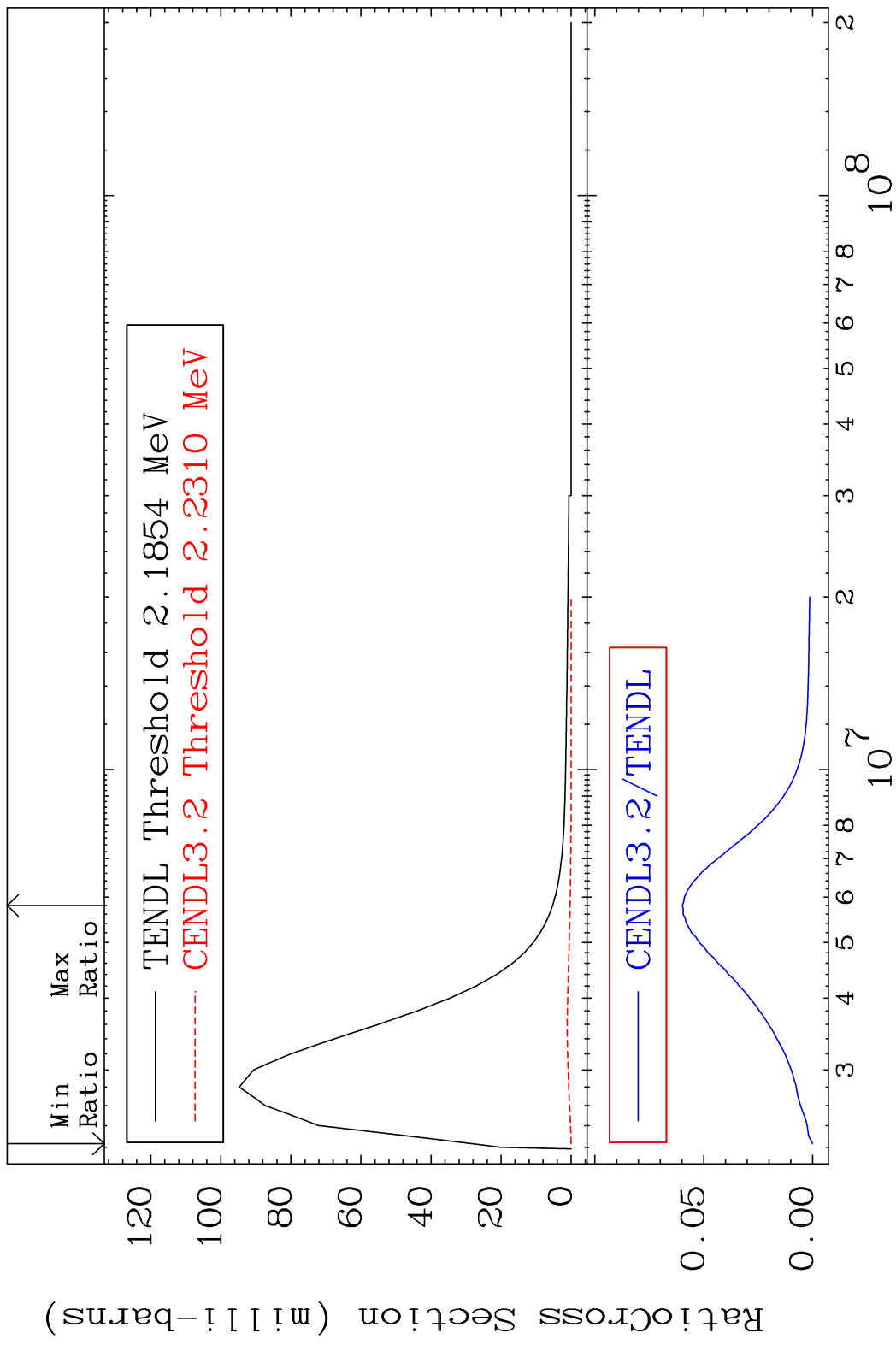


MAT 5449 MT= 61 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %

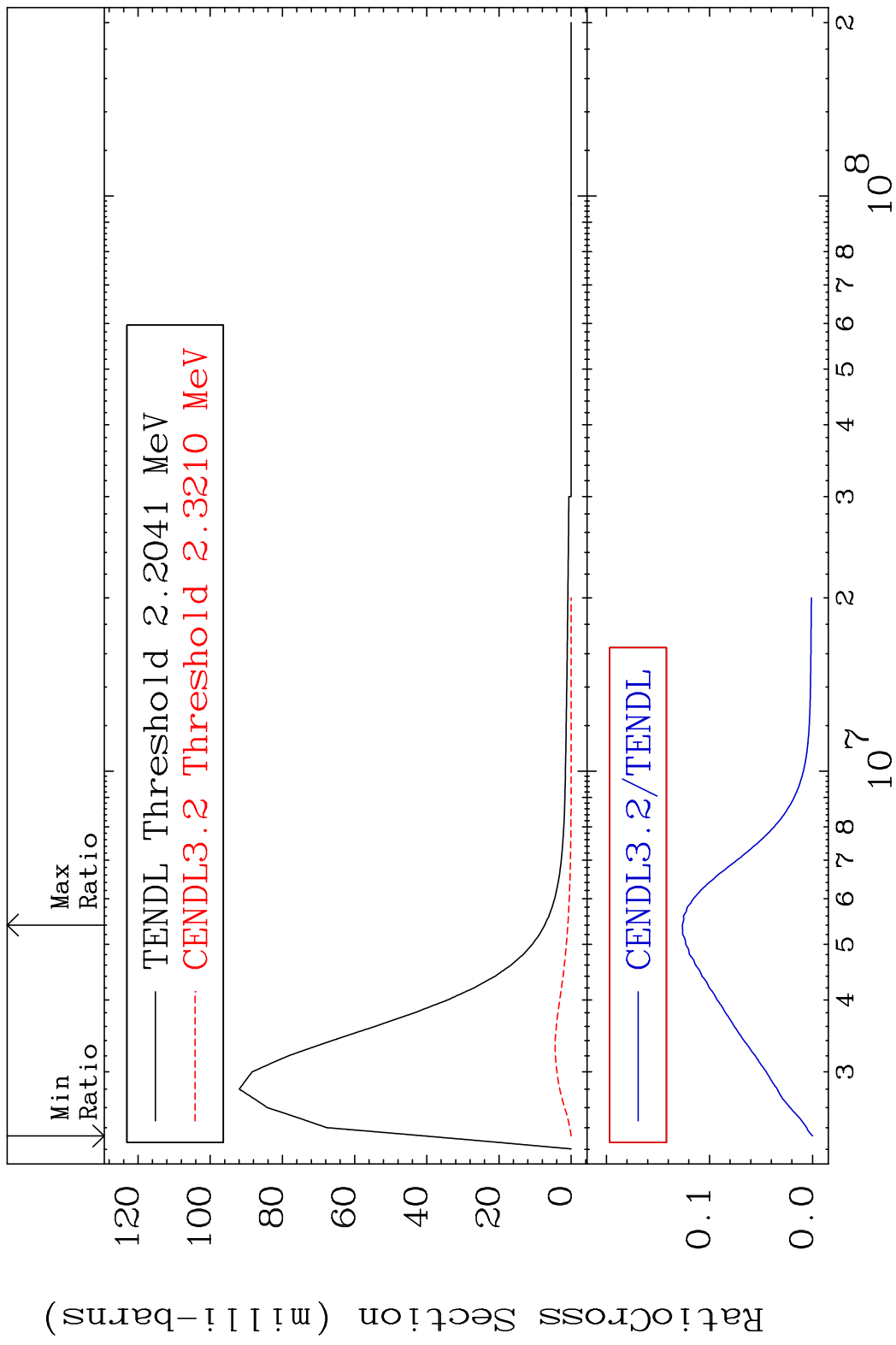


18 Incident Energy (eV) 54-Xe-132

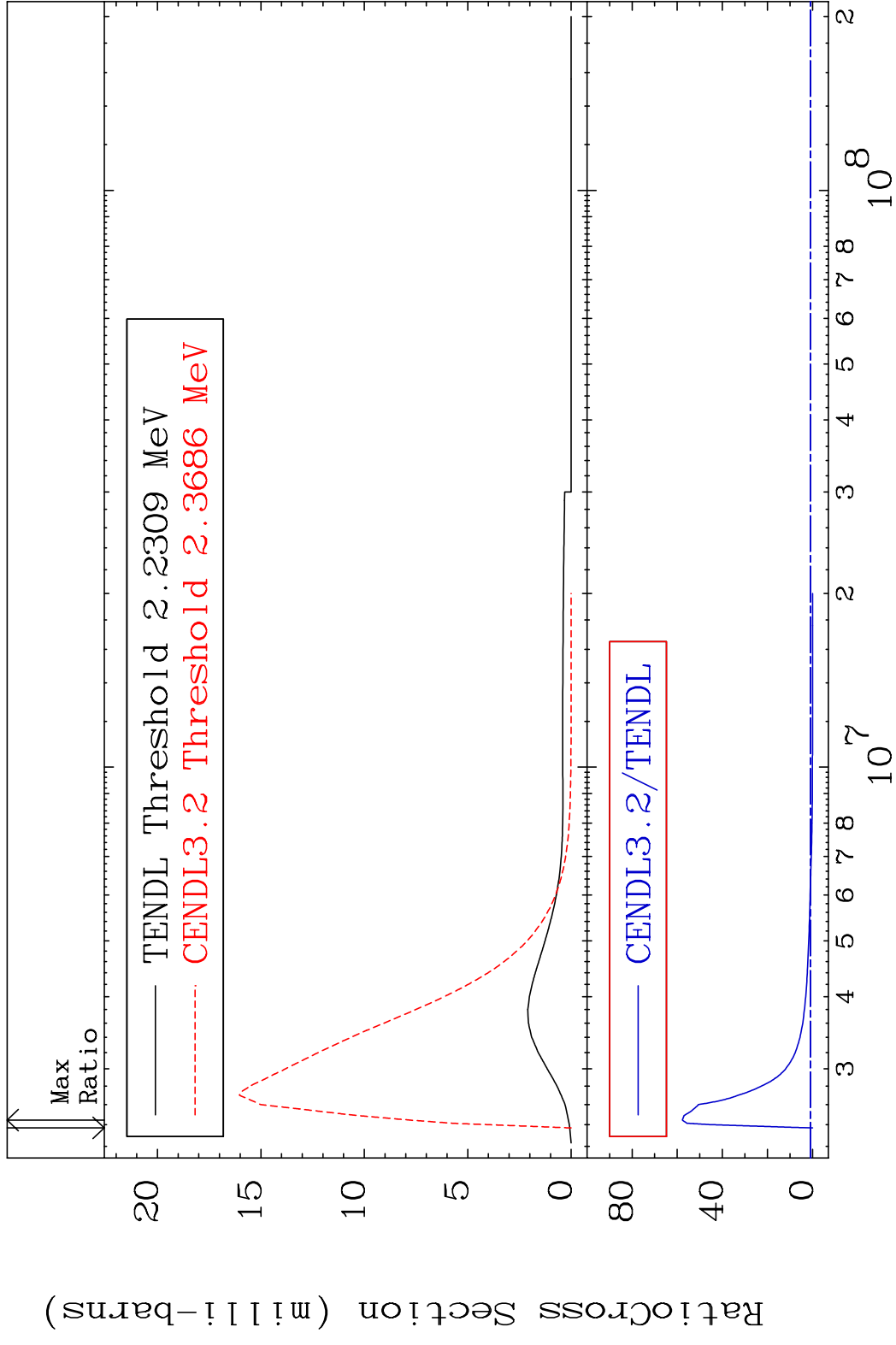
MAT 5449 MT= 62 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -94.02%



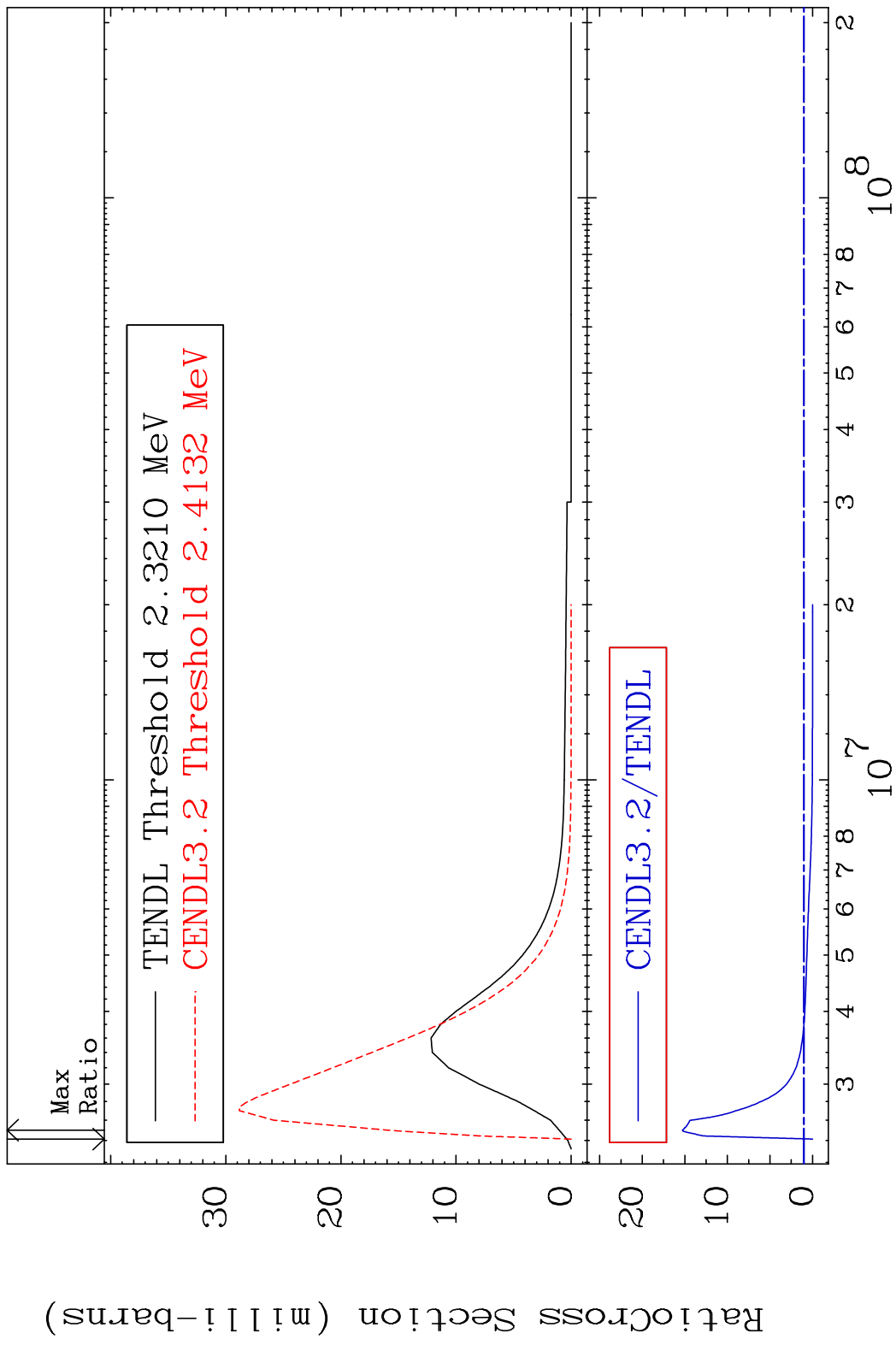
MAT 5449 MT= 63 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -87.37%



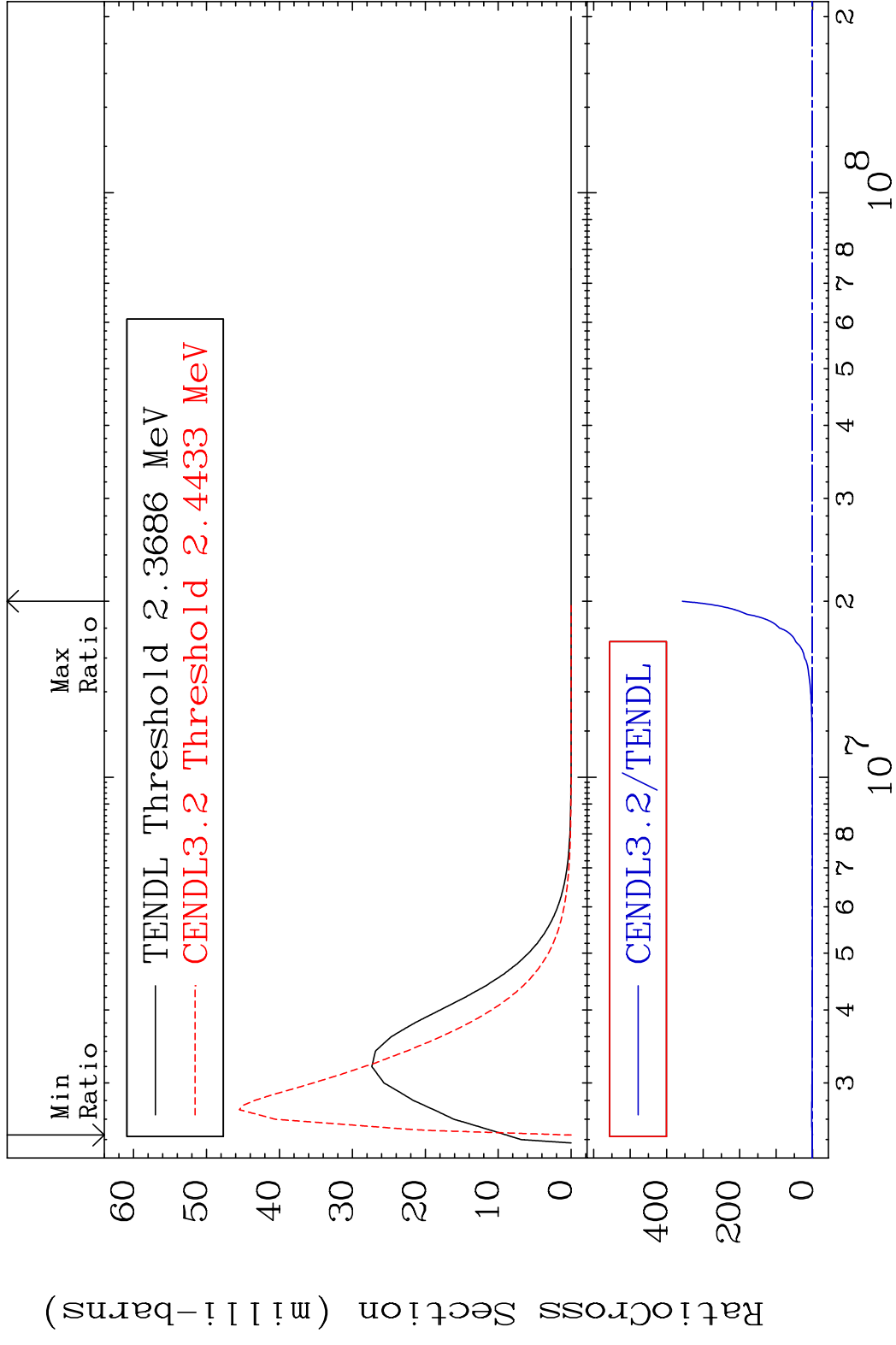
MAT 5449 MT= 64 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 5673. %



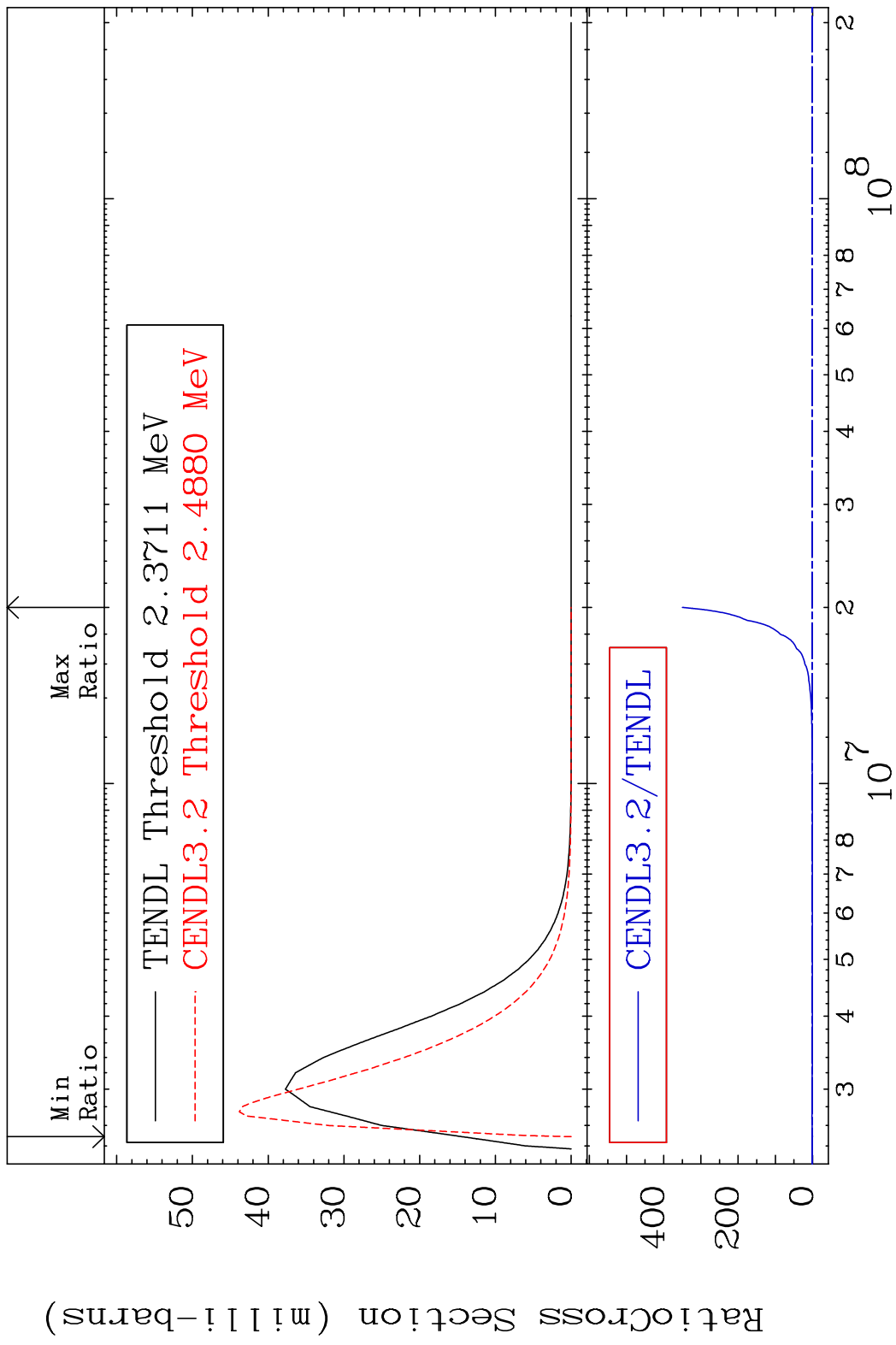
MAT 5449 MT= 65 (n,n') Level 54-Xe-132
 Cross Section -100.0 To 1429. %



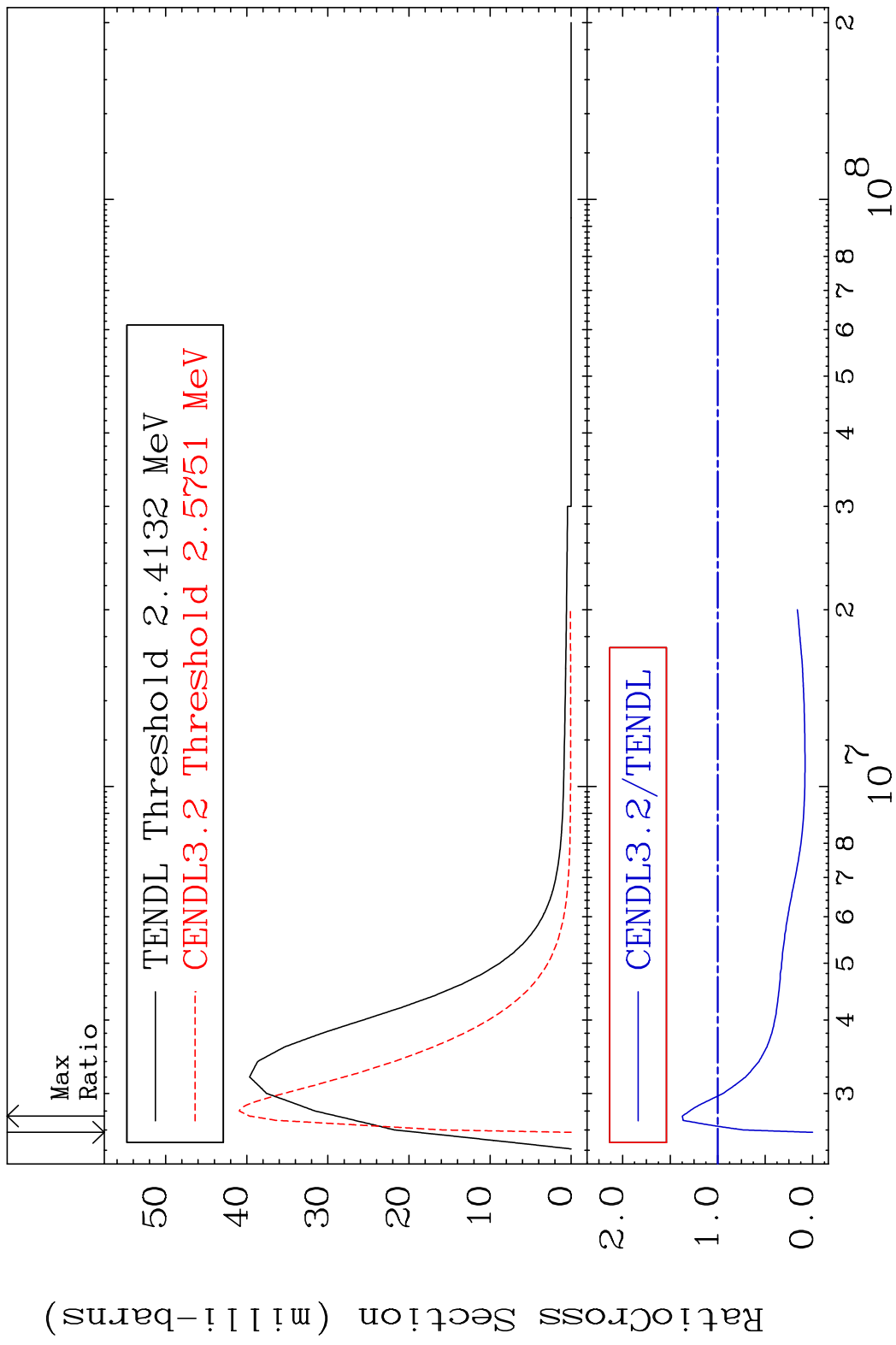
MAT 5449 MT= 66 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %



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



MAT 5449 MT= 68 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 37.19 %

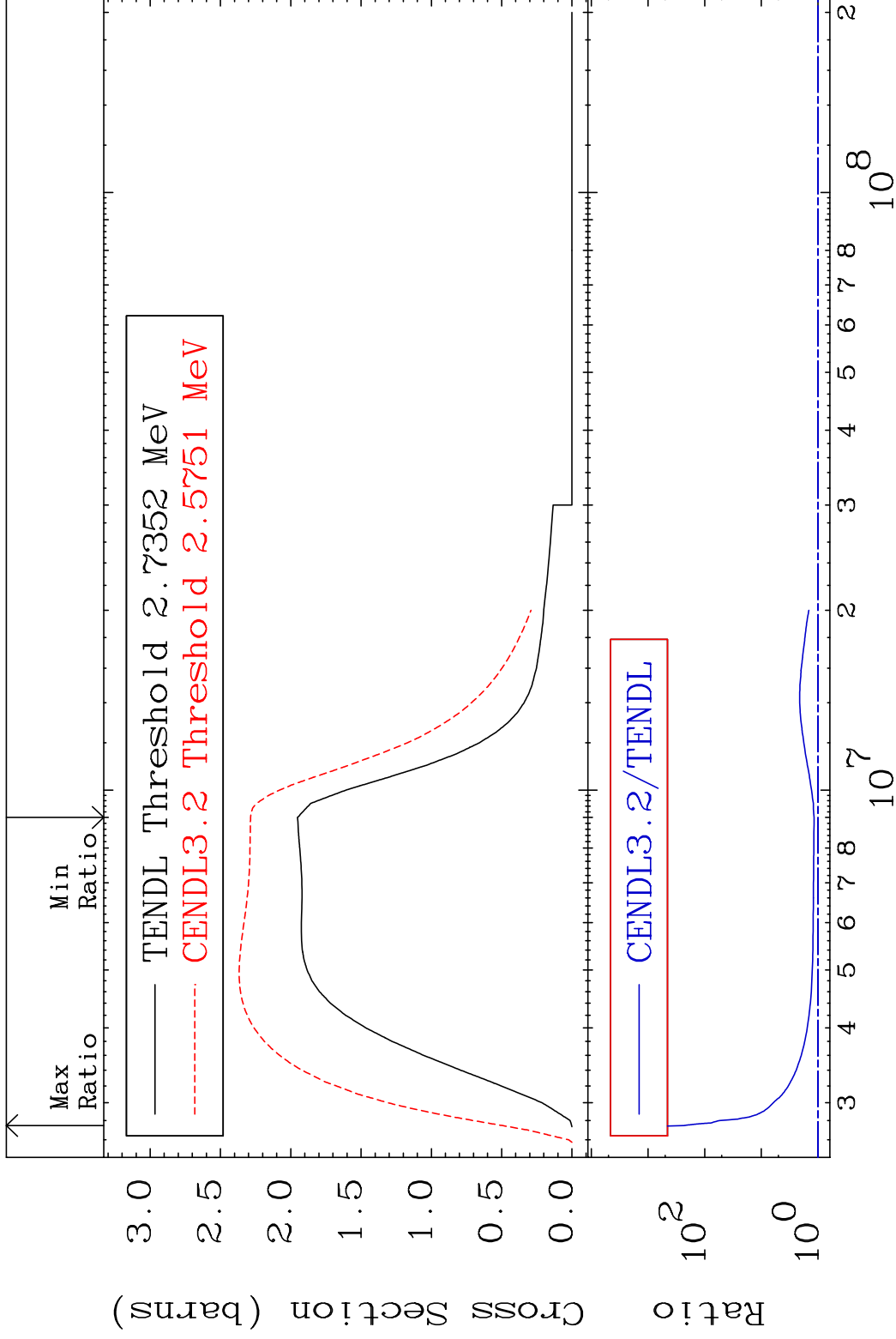


MAT 5449

(n,n') Continuum

54-Xe-132

Cross Section 17.14 To 9999. %



26

Incident Energy (eV)

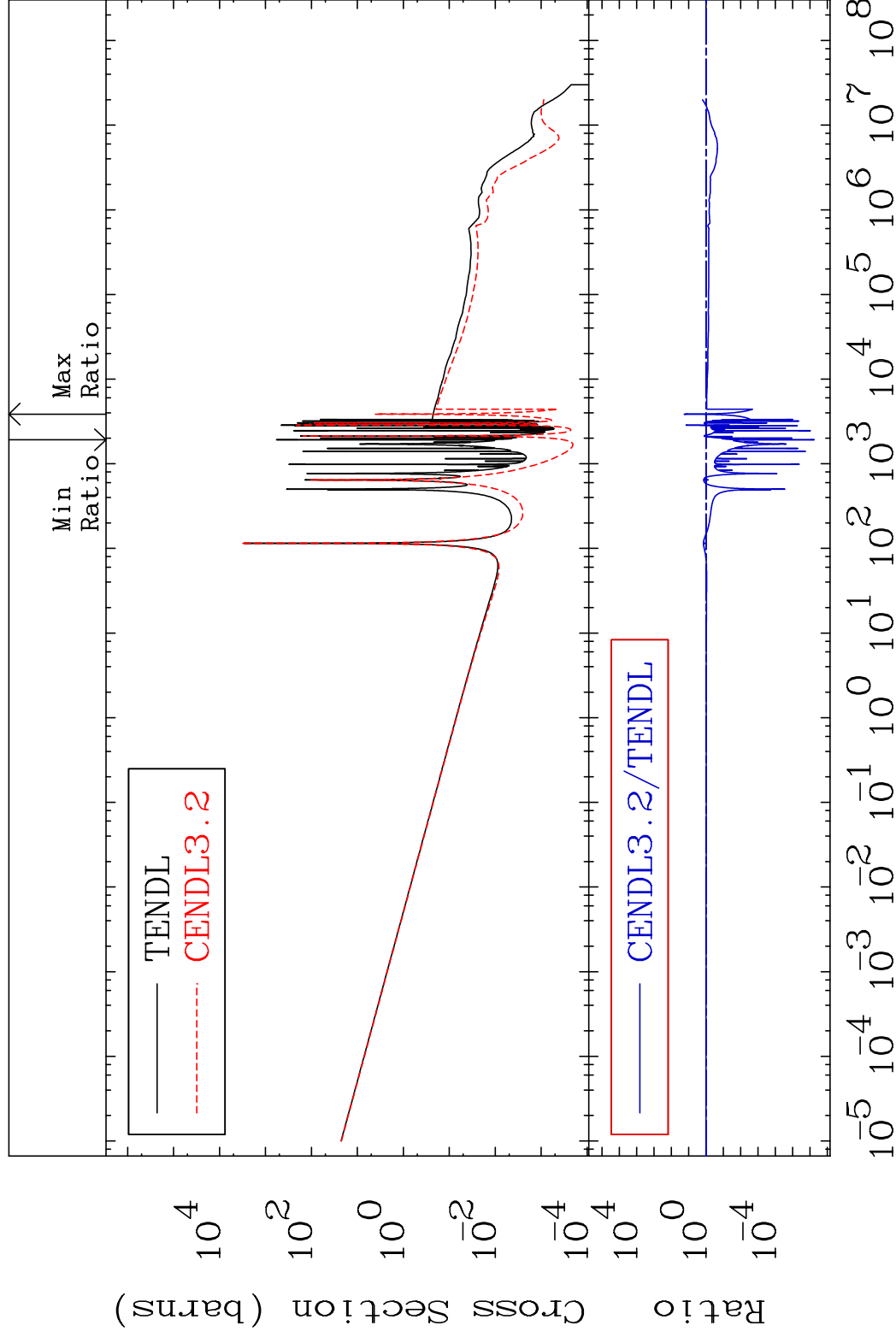
54-Xe-132

MAT 5449

(n, γ)

54-Xe-132

Cross Section -100.0 To 1752. %



27

Incident Energy (eV)

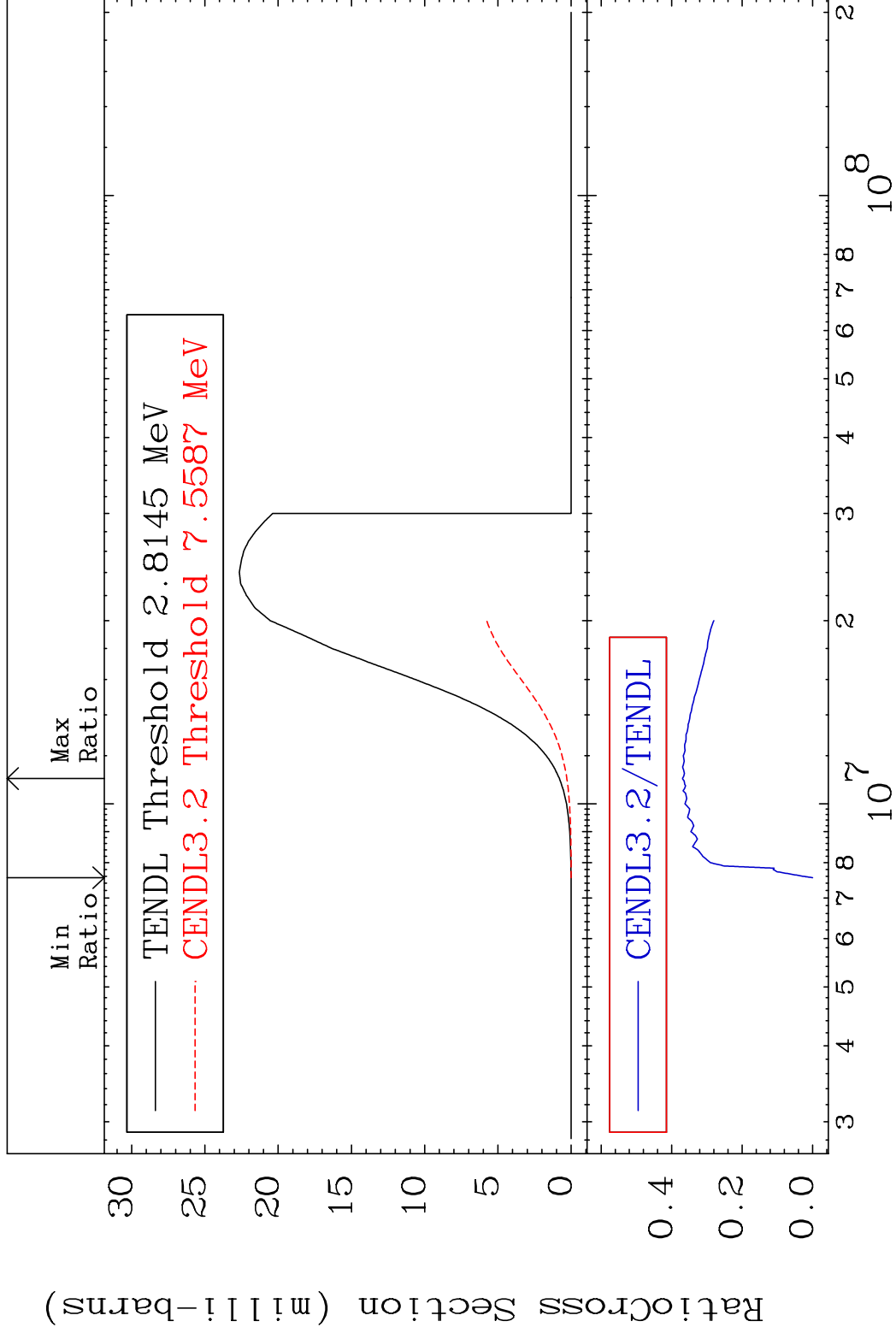
54-Xe-132

MAT 5449

(n, p)

54-Xe-132

Cross Section -100.0 To -63.05%



28

Incident Energy (eV)

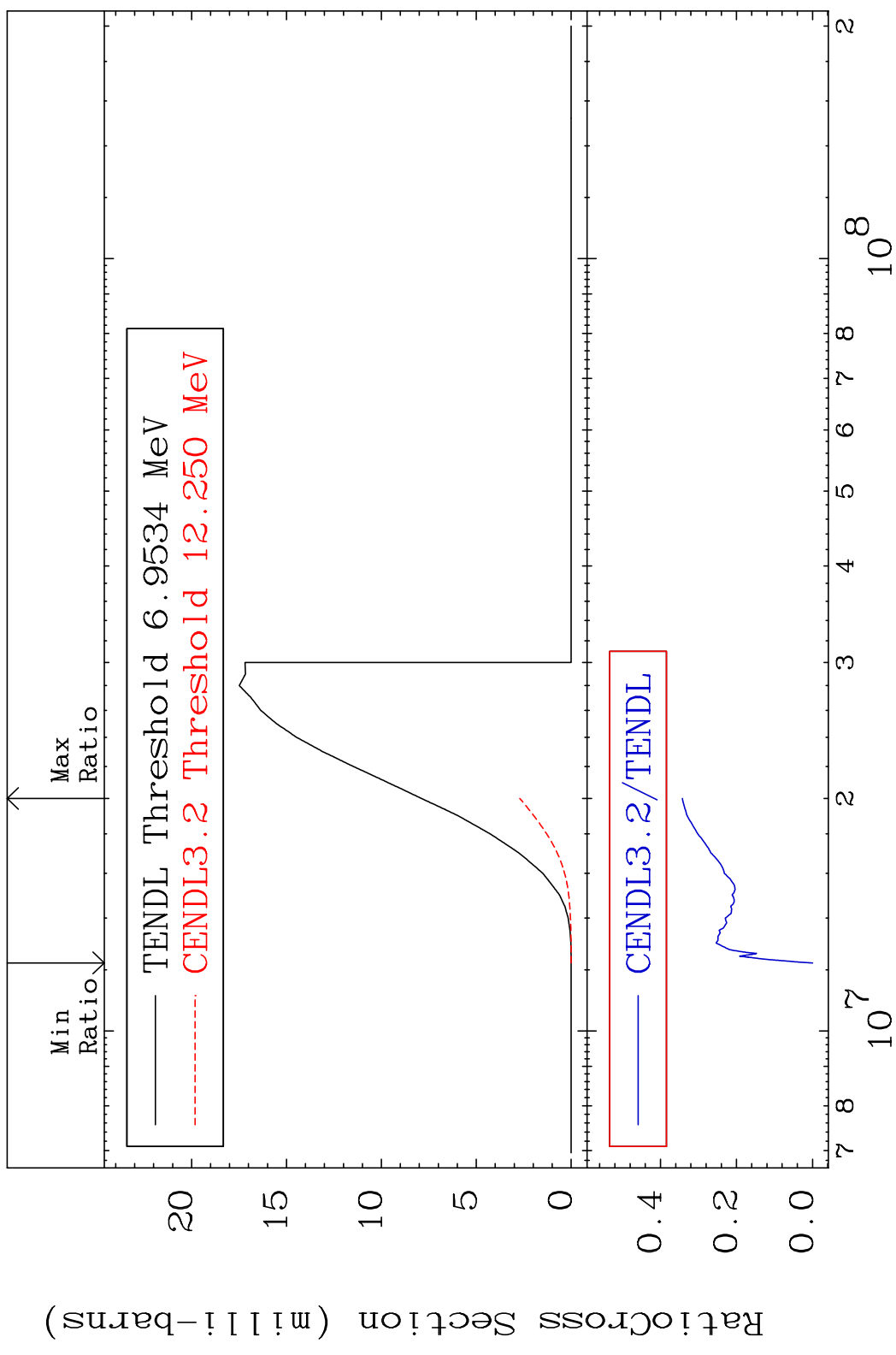
54-Xe-132

MAT 5449

(n, d)

54-Xe-132

Cross Section -100.0 To -65.74%

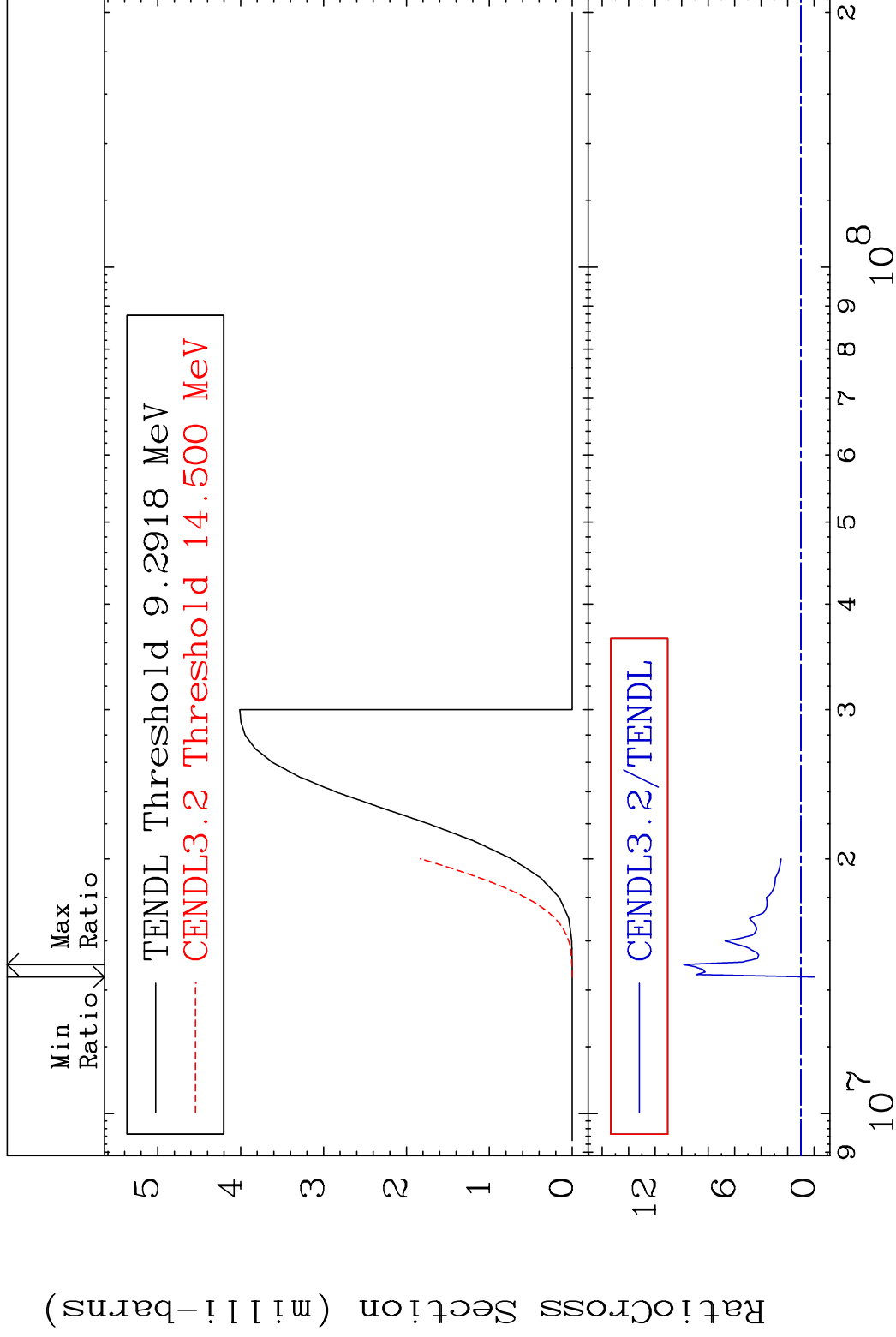


MAT 5449

(n, t)

54-Xe-132

Cross Section -100.0 To 884.9 %



30

Incident Energy (eV)

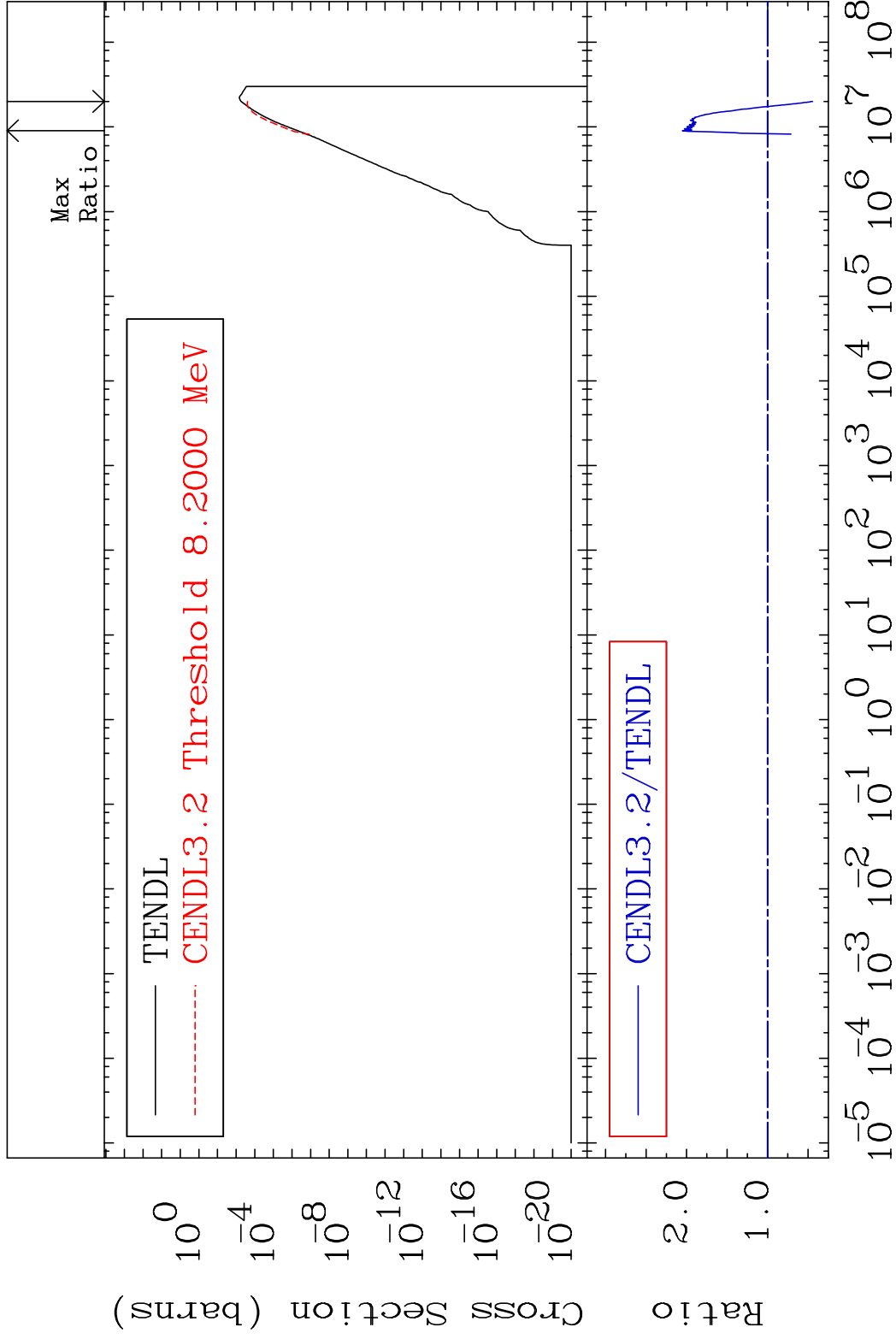
54-Xe-132

MAT 5449

(n, α)

54-Xe-132

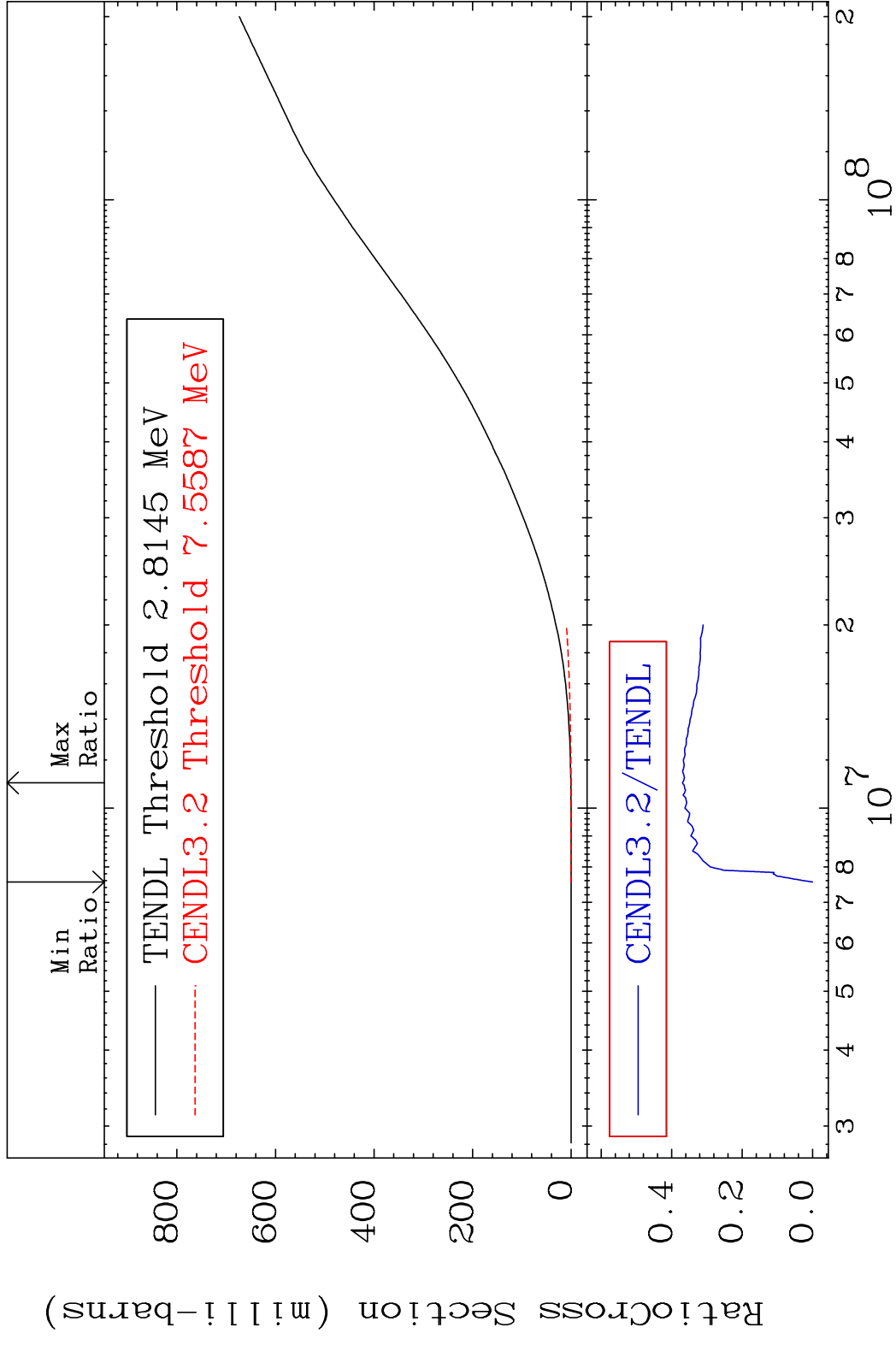
Cross Section -55.56 To 105.2 %



MAT 5449

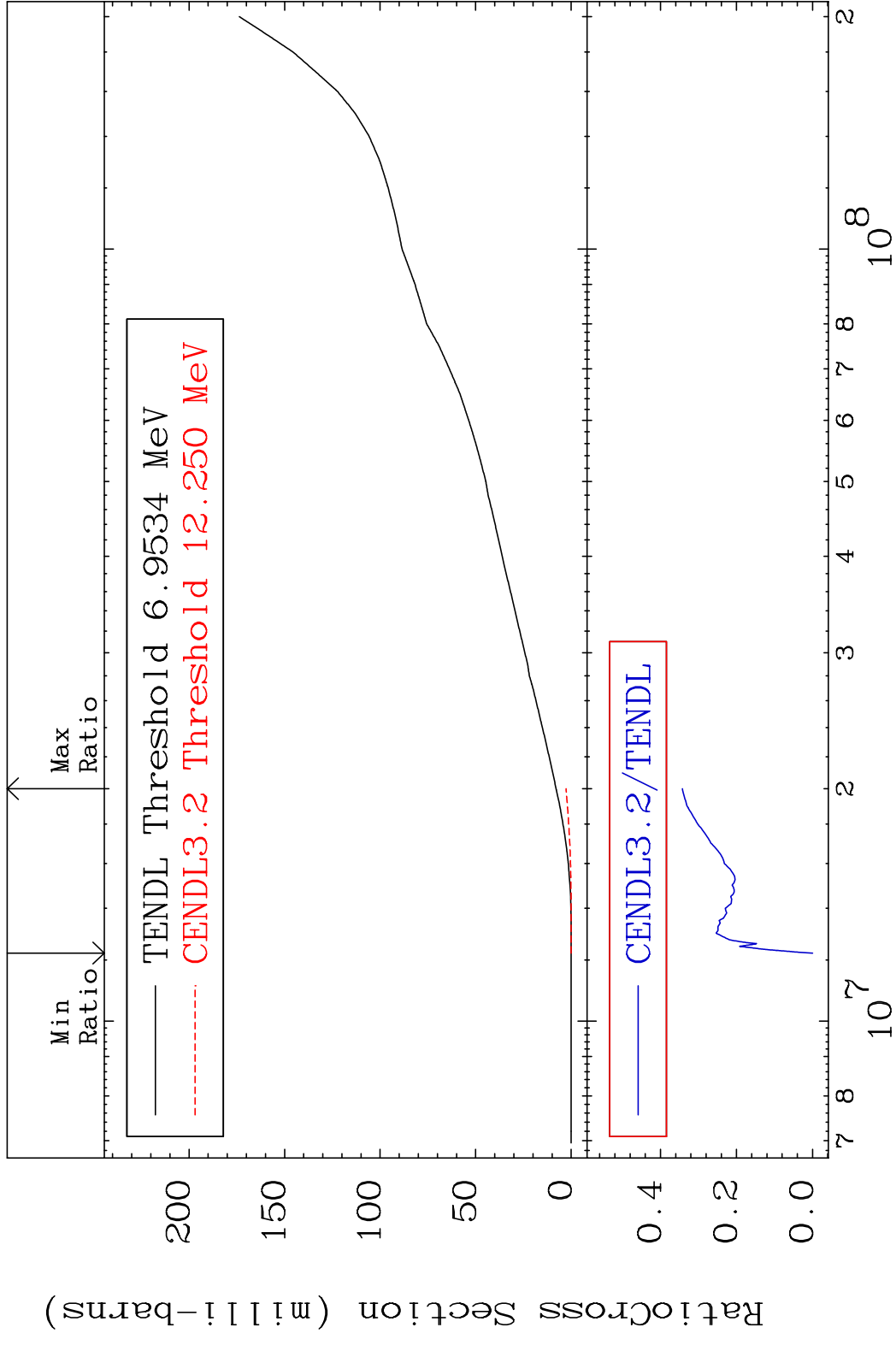
Hydrogen Production
Cross Section -100.0 To -63.05%

54-Xe-132



MAT 5449

Deuterium Production 54-Xe-132
Cross Section -100.0 To -65.74%

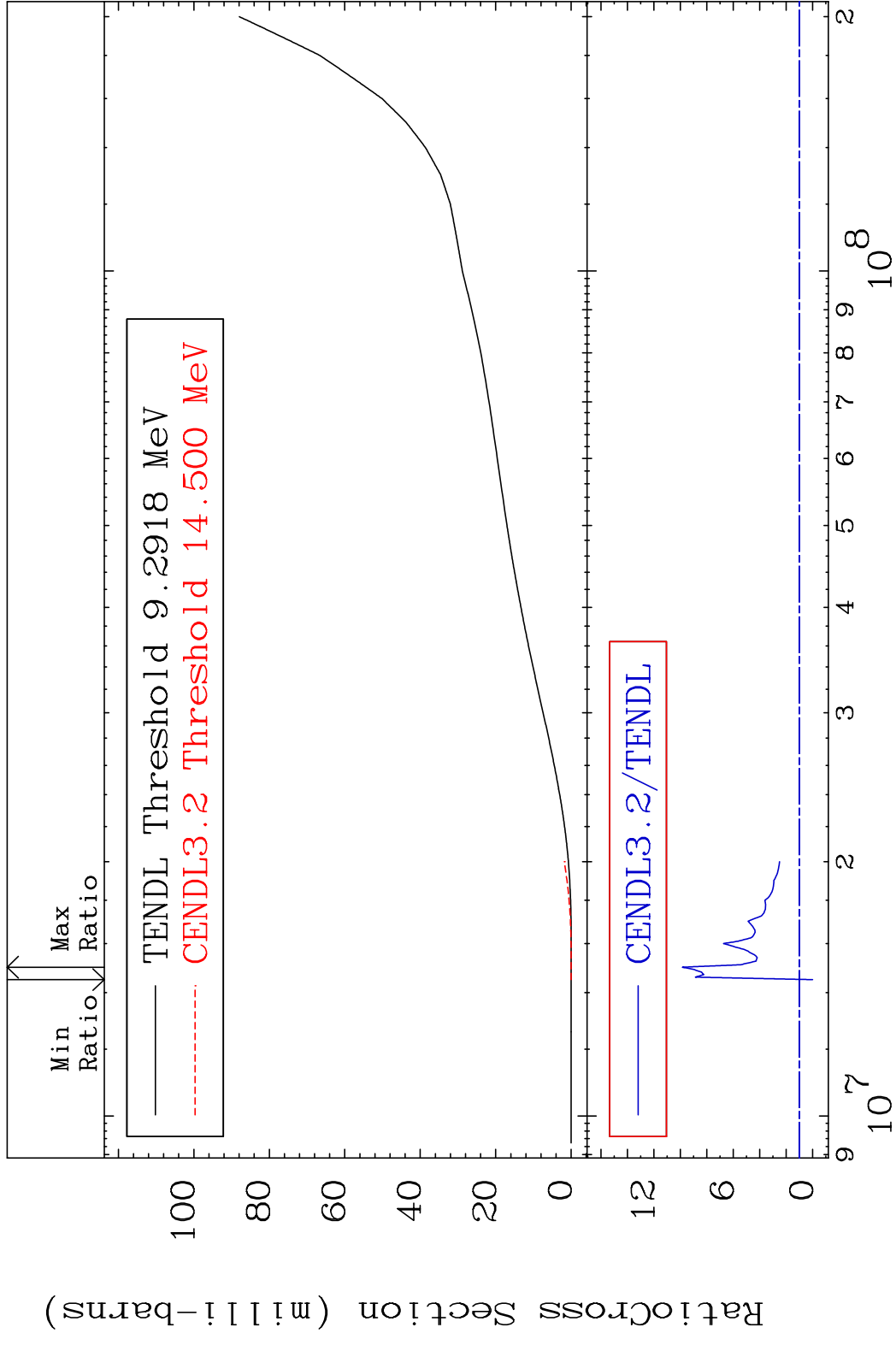


MAT 5449

Tritium Production

54-Xe-132

Cross Section -100.0 To 884.9 %



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Incident Energy (eV)

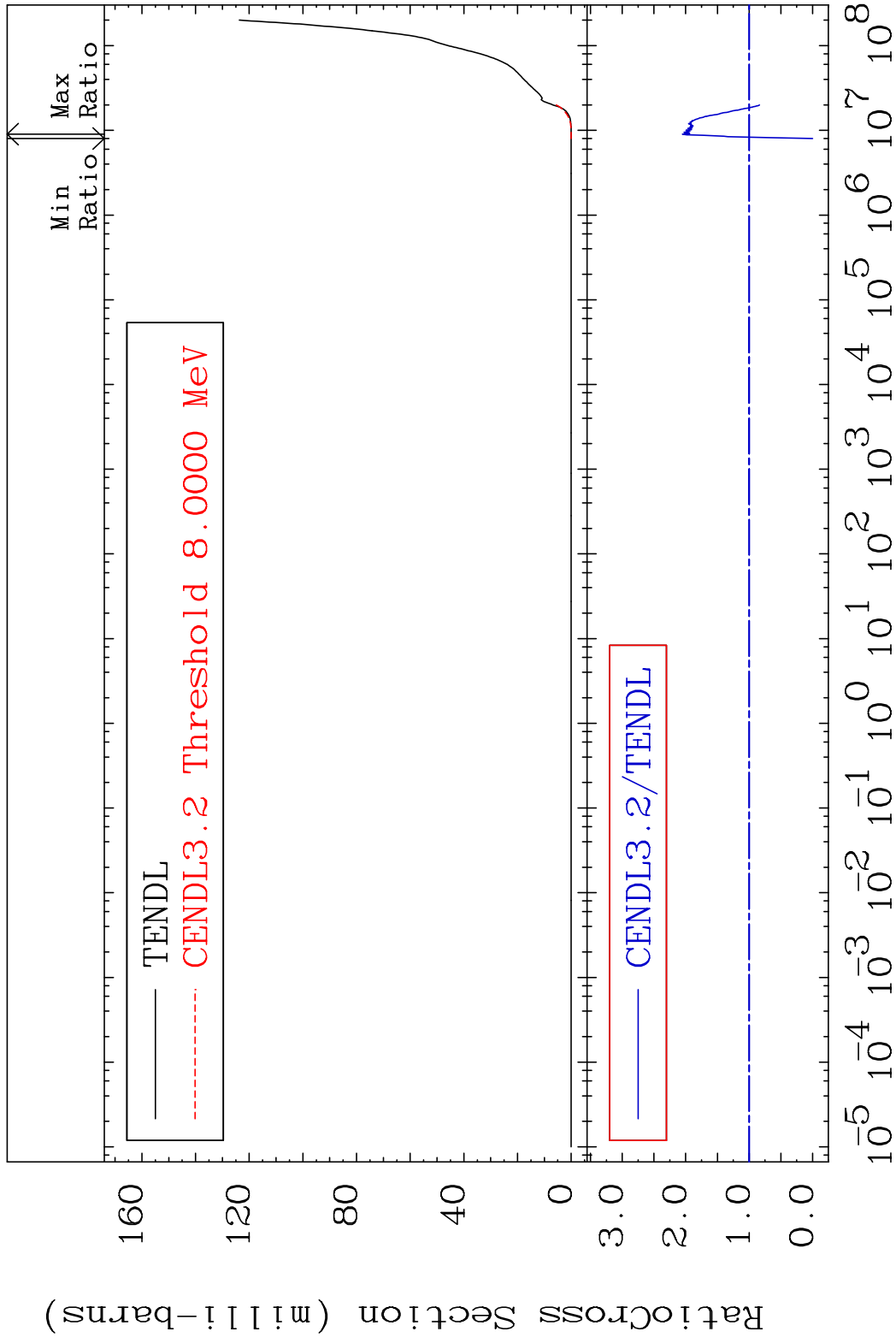
54-Xe-132

MAT 5449

He-4 Production

54-Xe-132

Cross Section -100.0 To 105.2 %

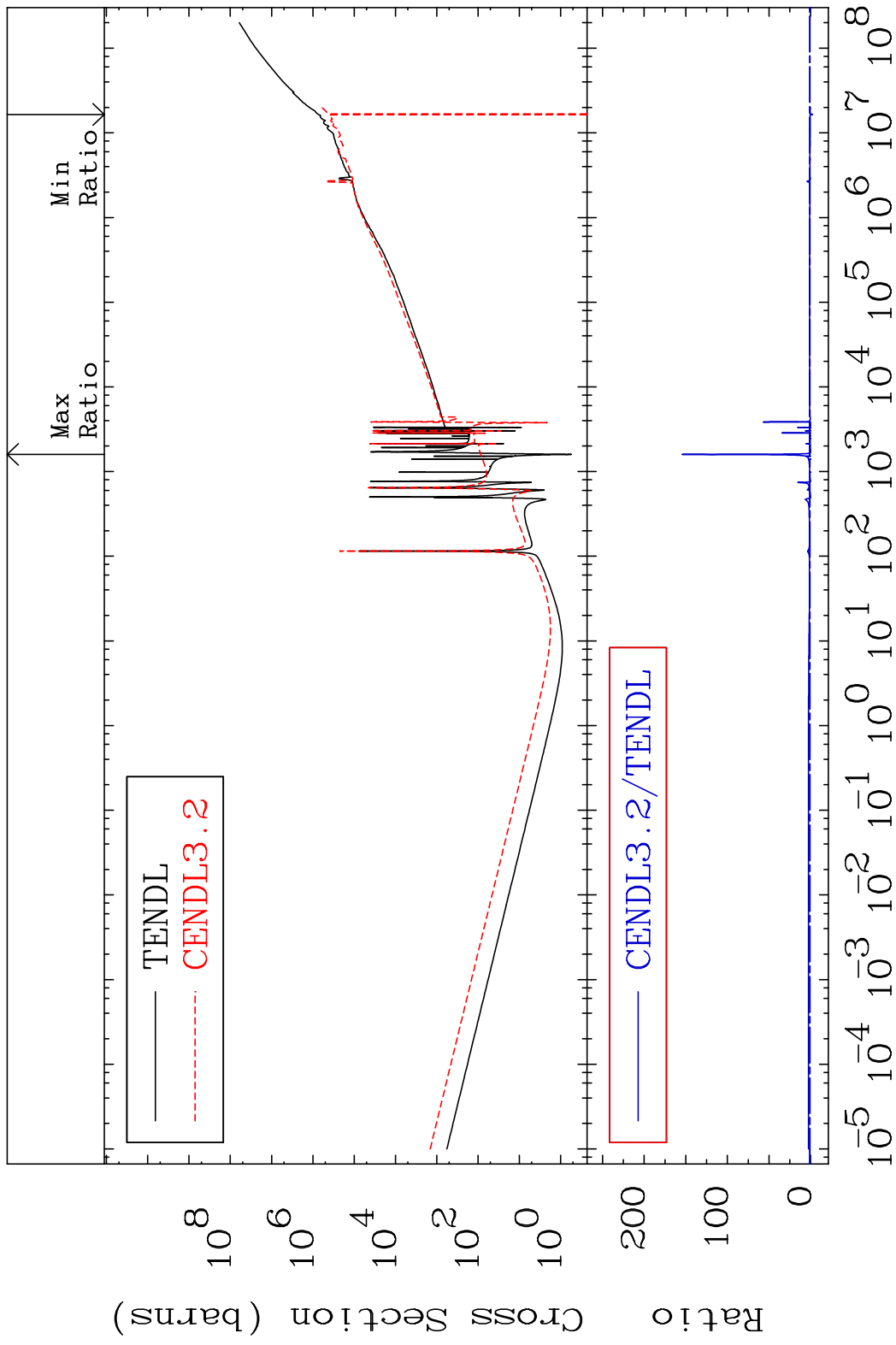


35

Incident Energy (eV)

54-Xe-132

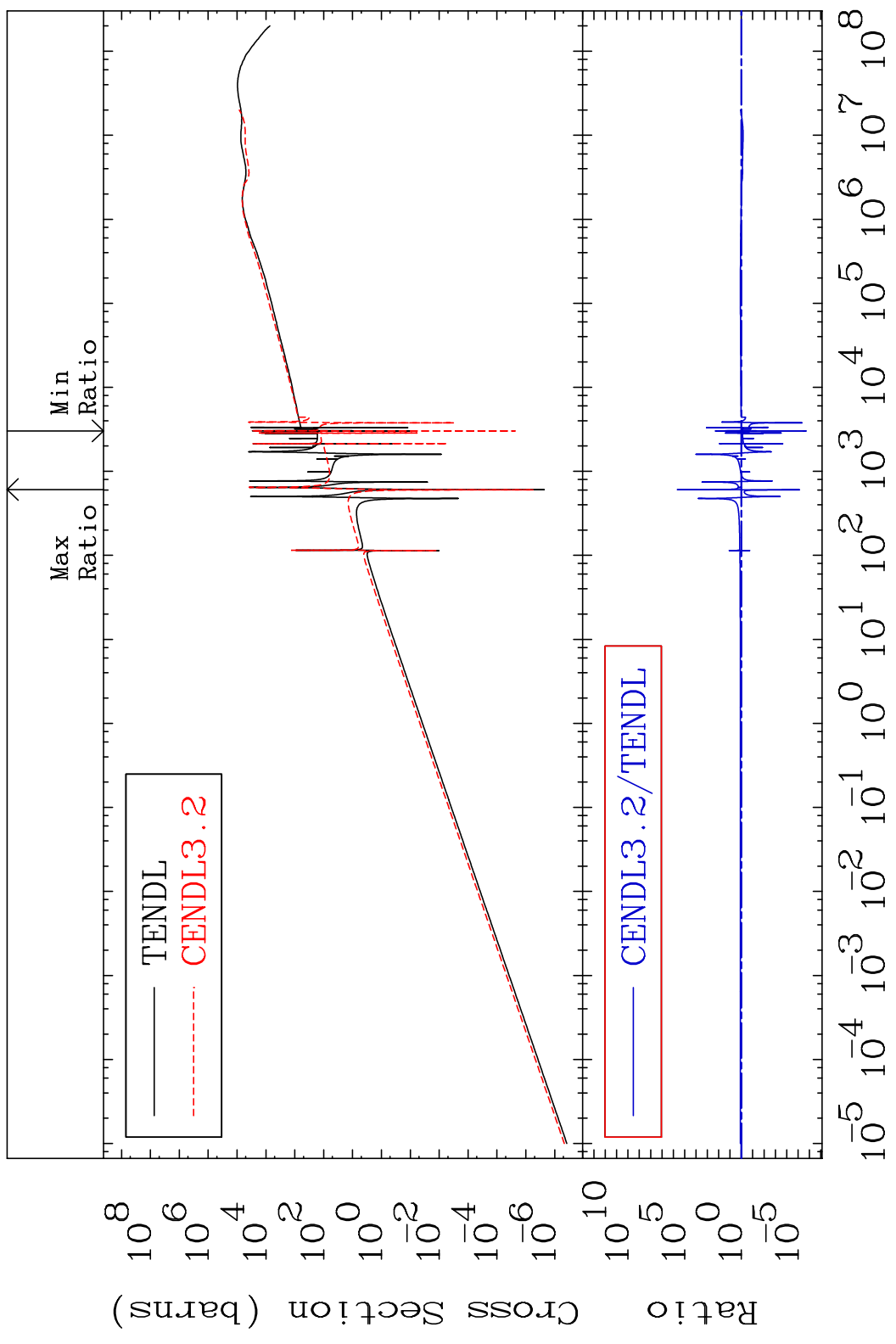
MAT 5449 Kerma total (eV-barns) 54-Xe-132
 Cross Section -330.0 To 9999. %



36 Incident Energy (eV) 54-Xe-132

MAT 5449

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

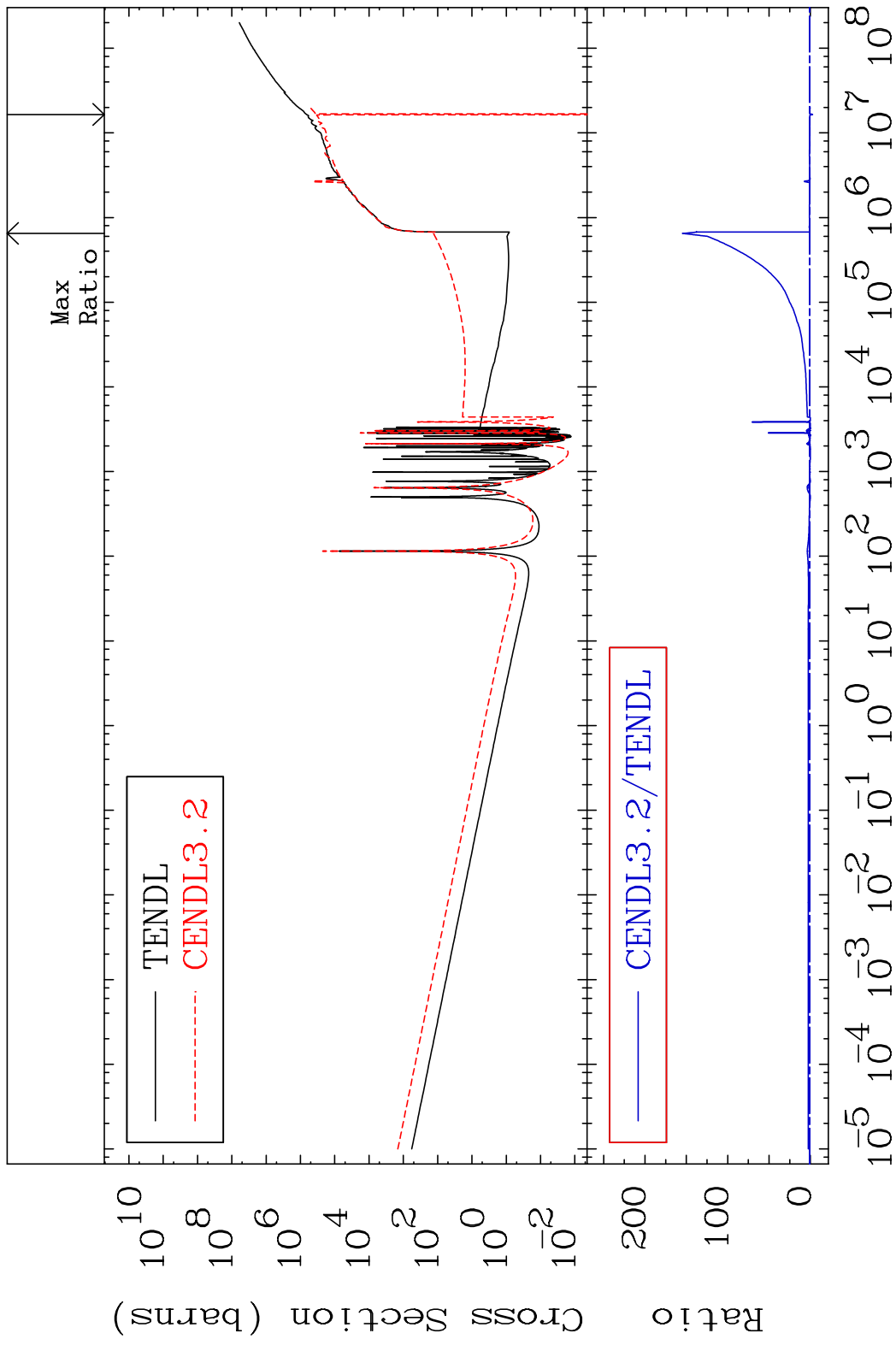


37

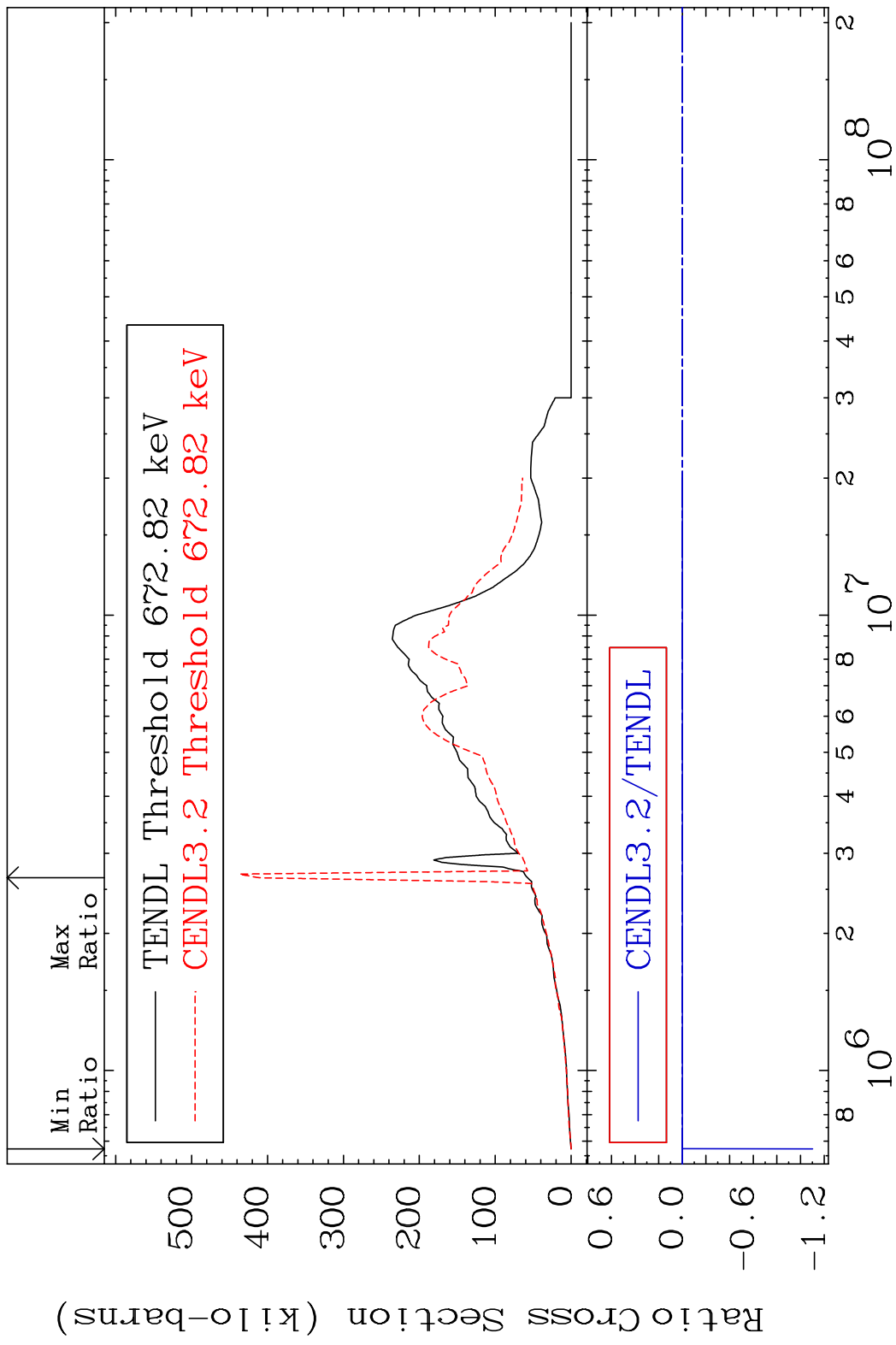
Incident Energy (eV)

54-Xe-132

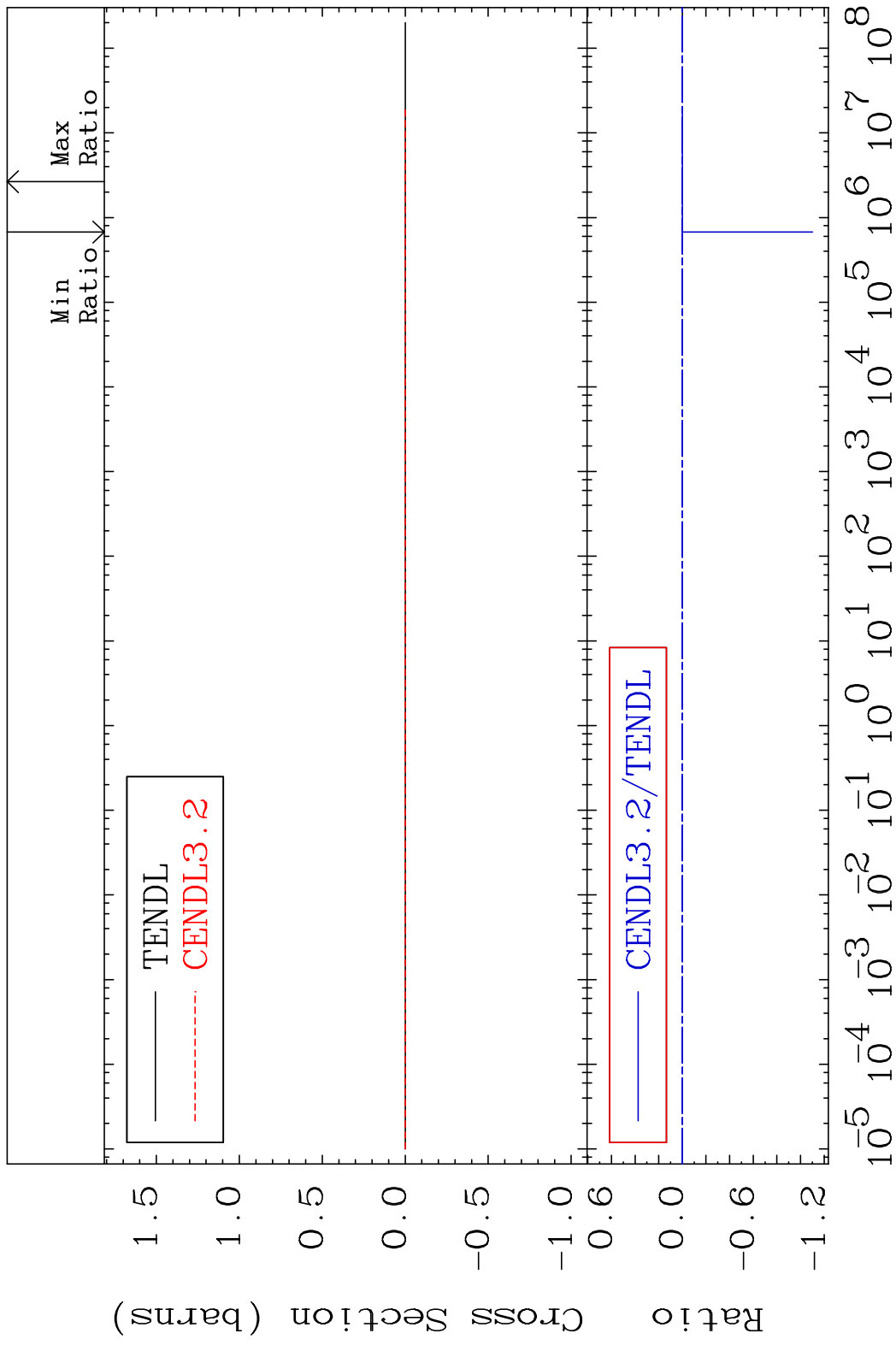
MAT 5449 Kerma non-elastic (all but mt2) 54-Xe-132
 Cross Section -363.8 To 9999. %



MAT 5449 Kerma inelastic (mt51-91) 54-Xe-132
 Cross Section -9999. To 617.4 %



MAT 5449 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-132
 Cross Section -9999. To 617.4 %



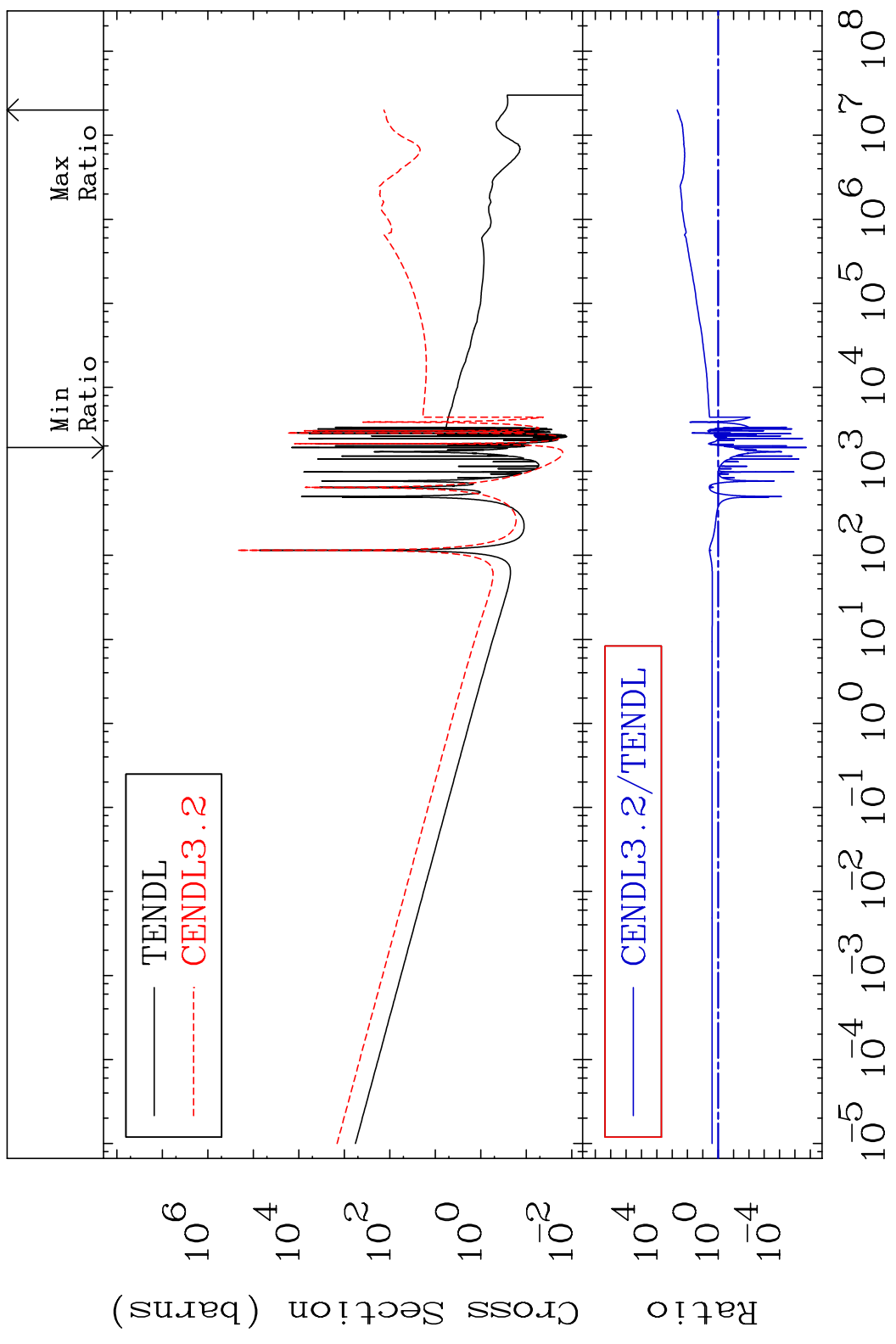
40

Incident Energy (eV)

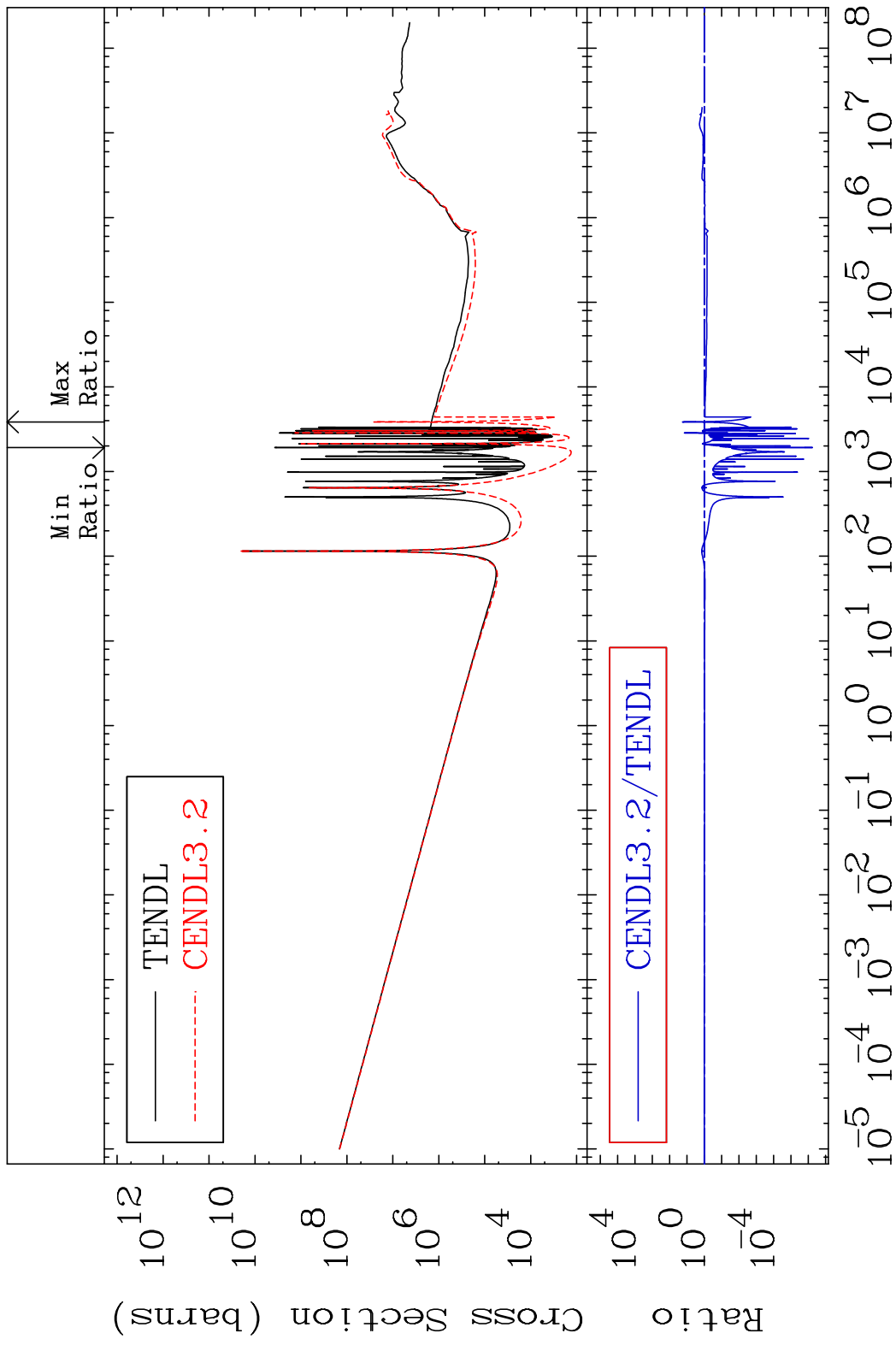
54-Xe-132

MAT 5449

Kerma capture (mt102) 54-Xe-132
Cross Section -100.0 To 9999. %

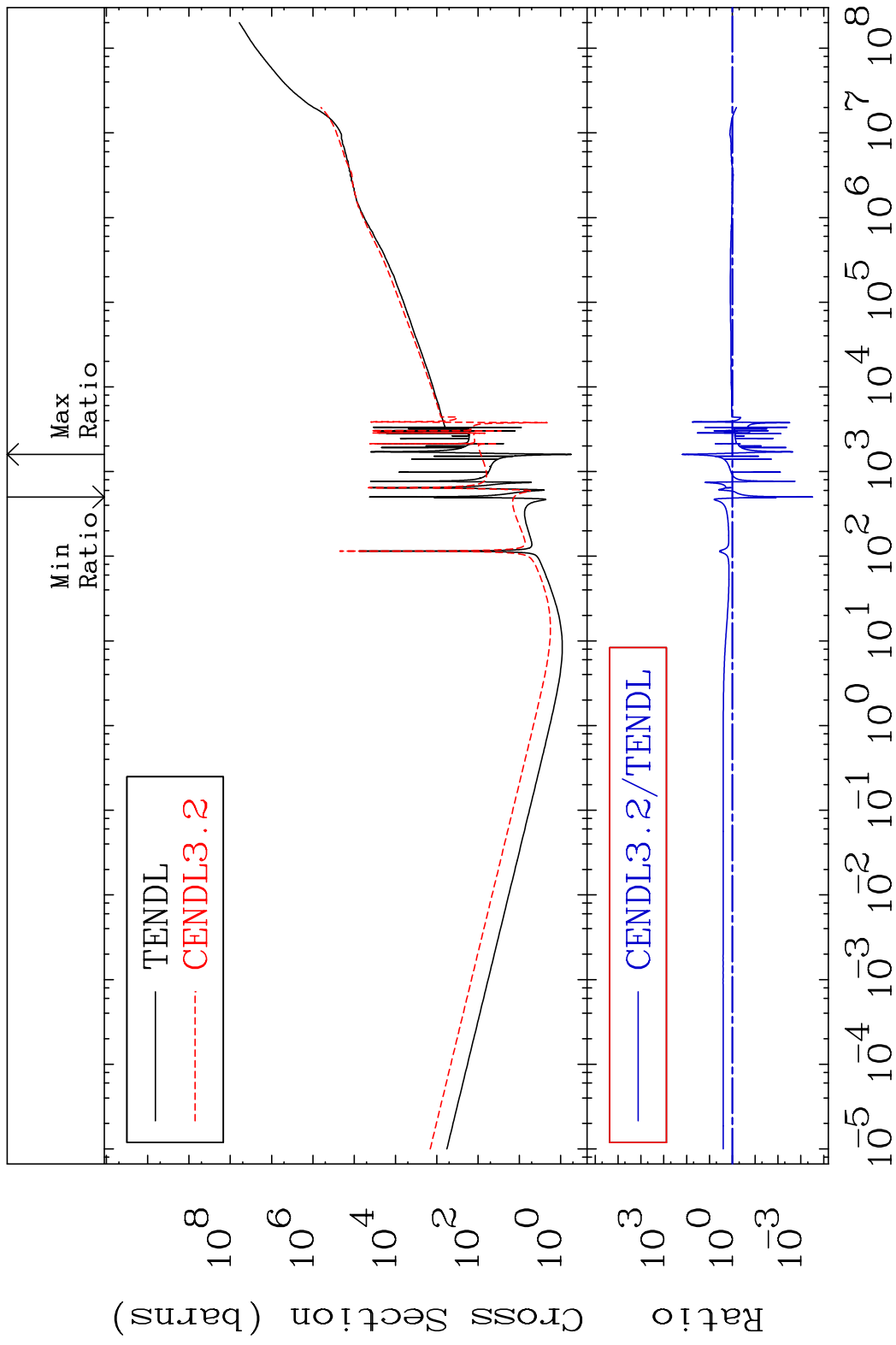


MAT 5449 Total photon (eV-barns) 54-Xe-132
 Cross Section -100.0 To 1752. %

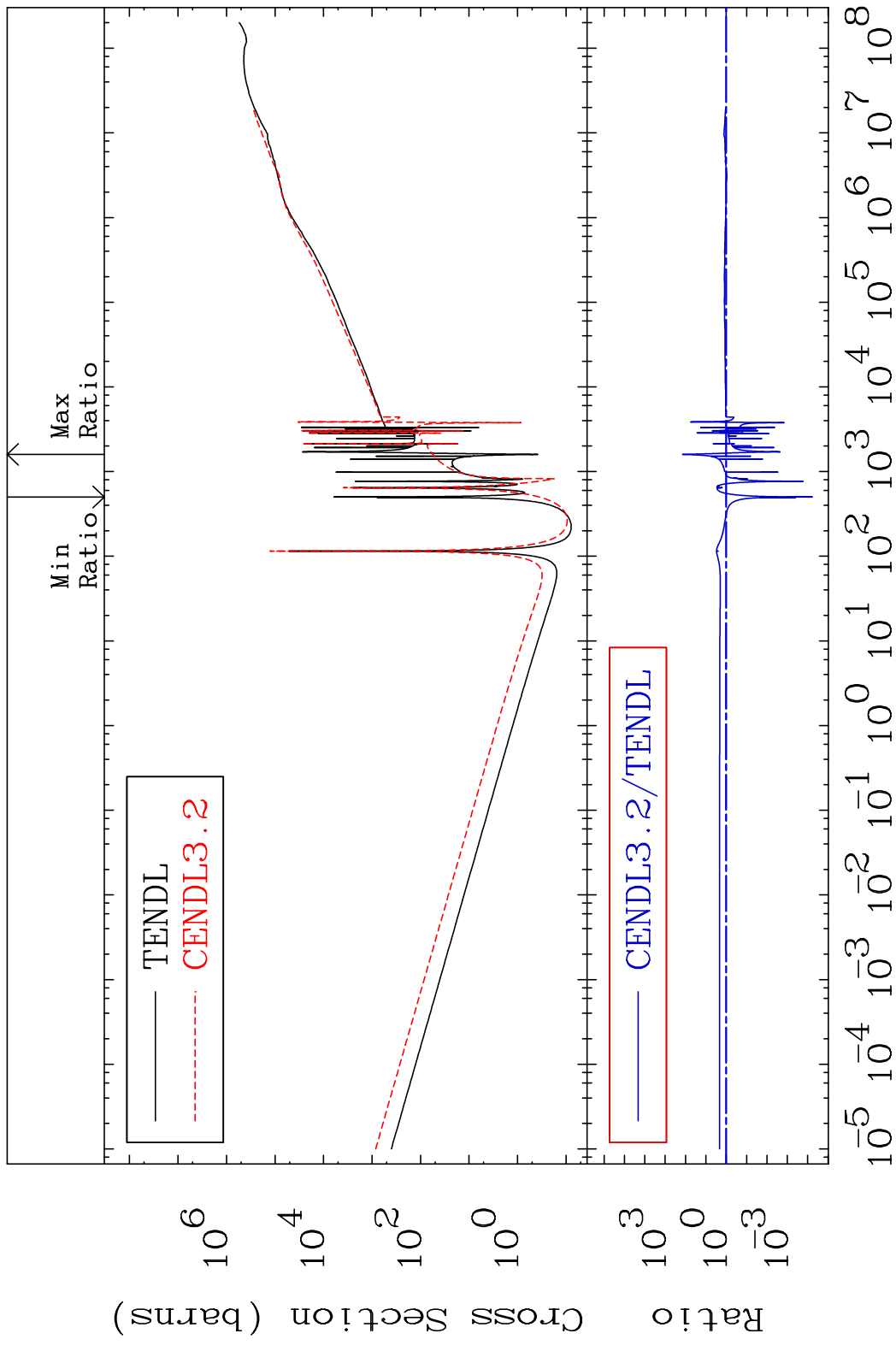


42 Incident Energy (eV) 54-Xe-132

MAT 5449 Total kinematic kerma (high limit) 54-Xe-132
 Cross Section -99.97 To 9999. %



MAT 5449 Dpa total (eV-barns) 54-Xe-132
 Cross Section -99.99 To 9999.99 %

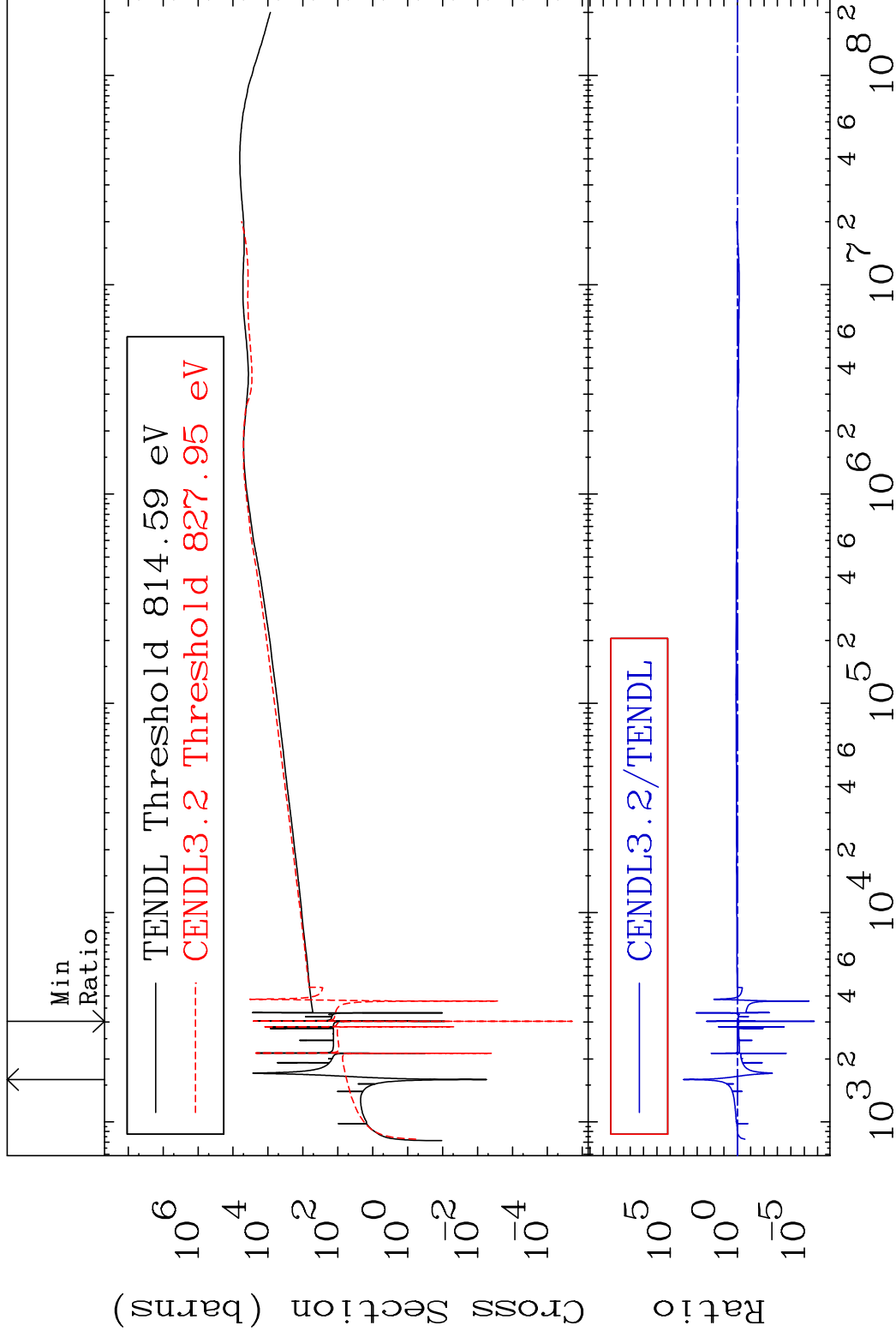


MAT 5449

Dpa elastic (mt2)

54-Xe-132

Cross Section -100.0 To 9999. %

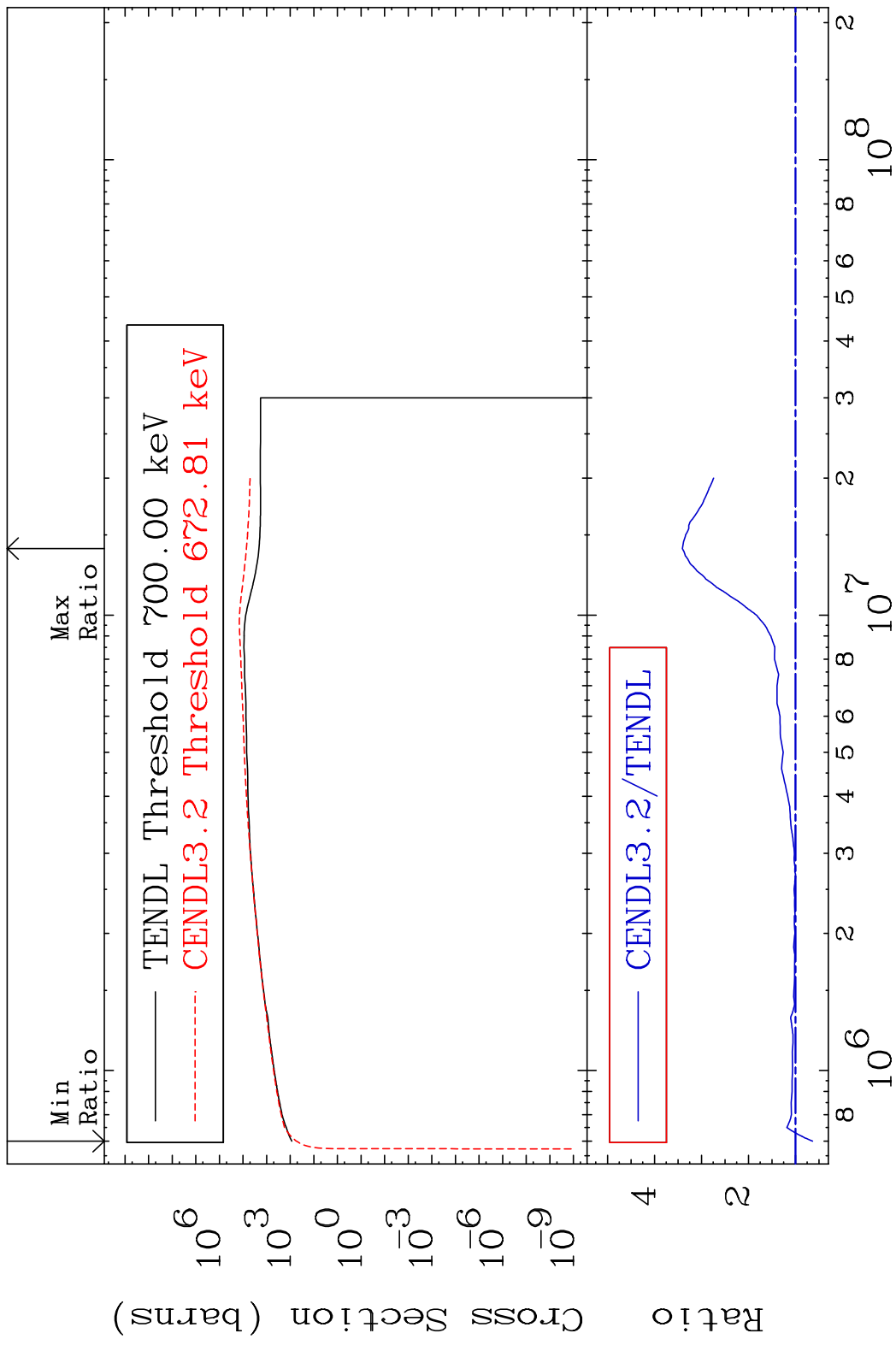


45

Incident Energy (eV)

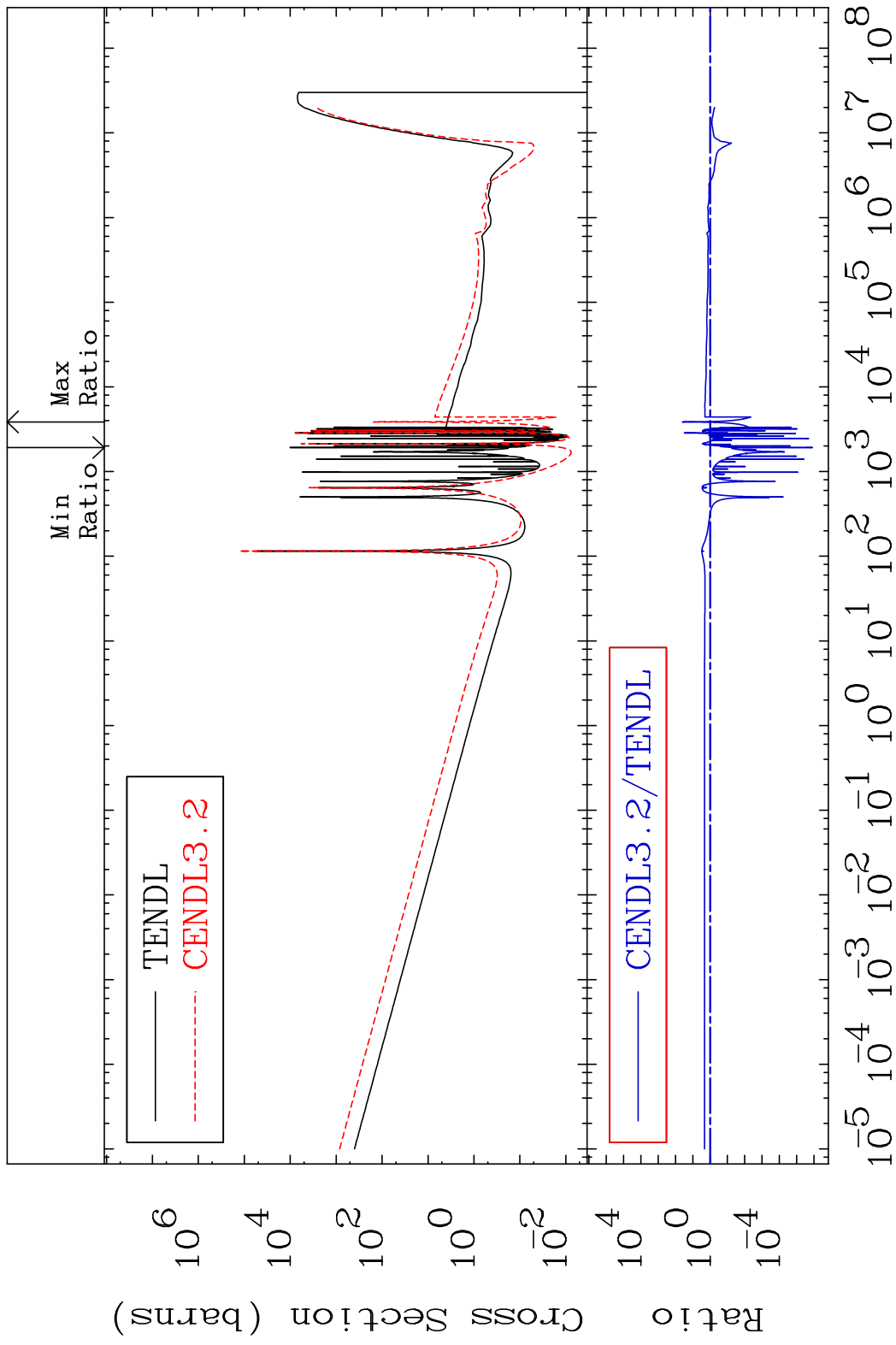
54-Xe-132

MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132
 Cross Section -36.51 To 240.7 %

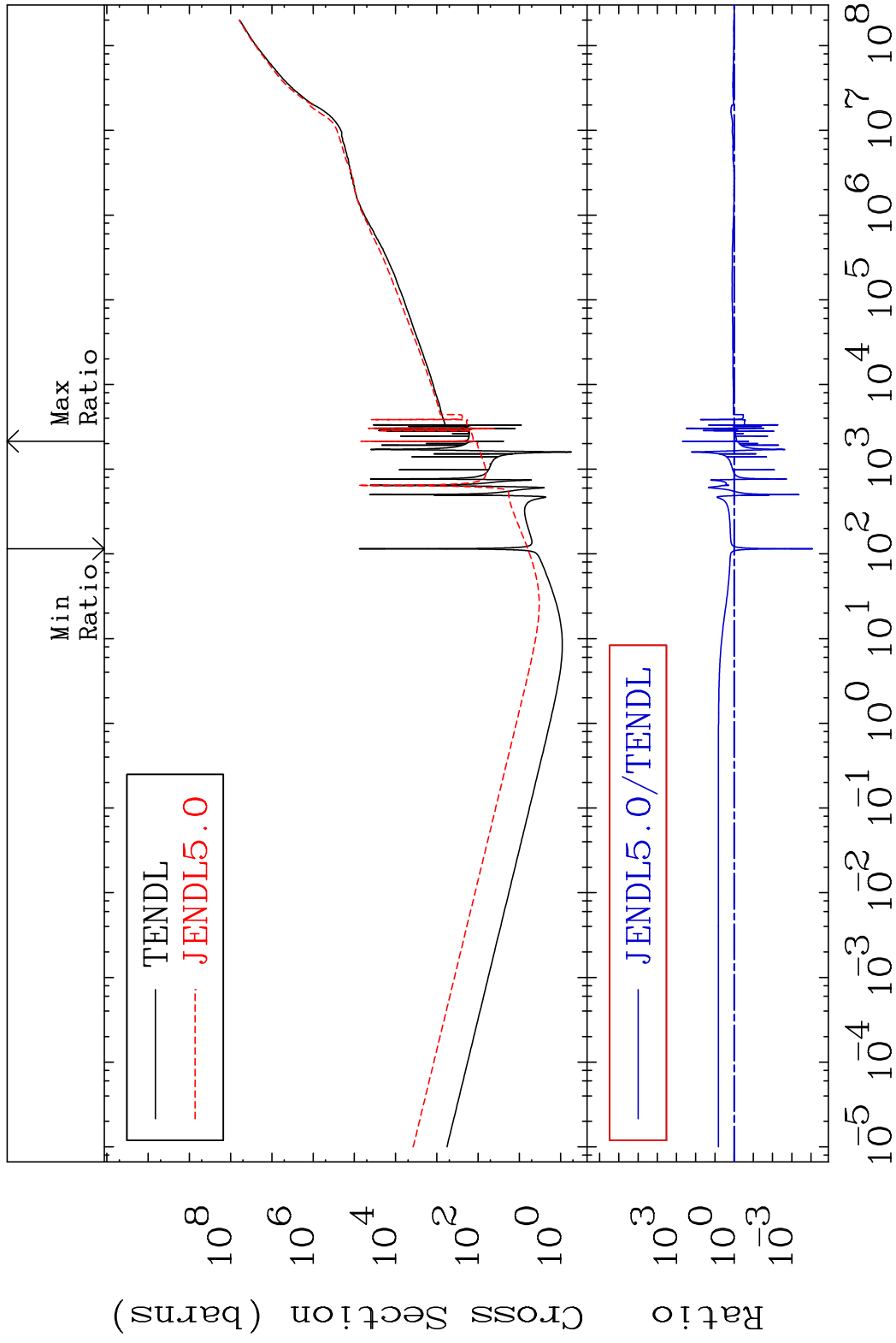


46 Incident Energy (eV) 54-Xe-132

MAT 5449 Dpa disappearance (mt102 -120) 54-Xe-132
 Cross Section -100.0 To 3905. %



MAT 5449 Total kinematic kerma (high limit) 54-Xe-132
 Cross Section -99.99 To 9999. %

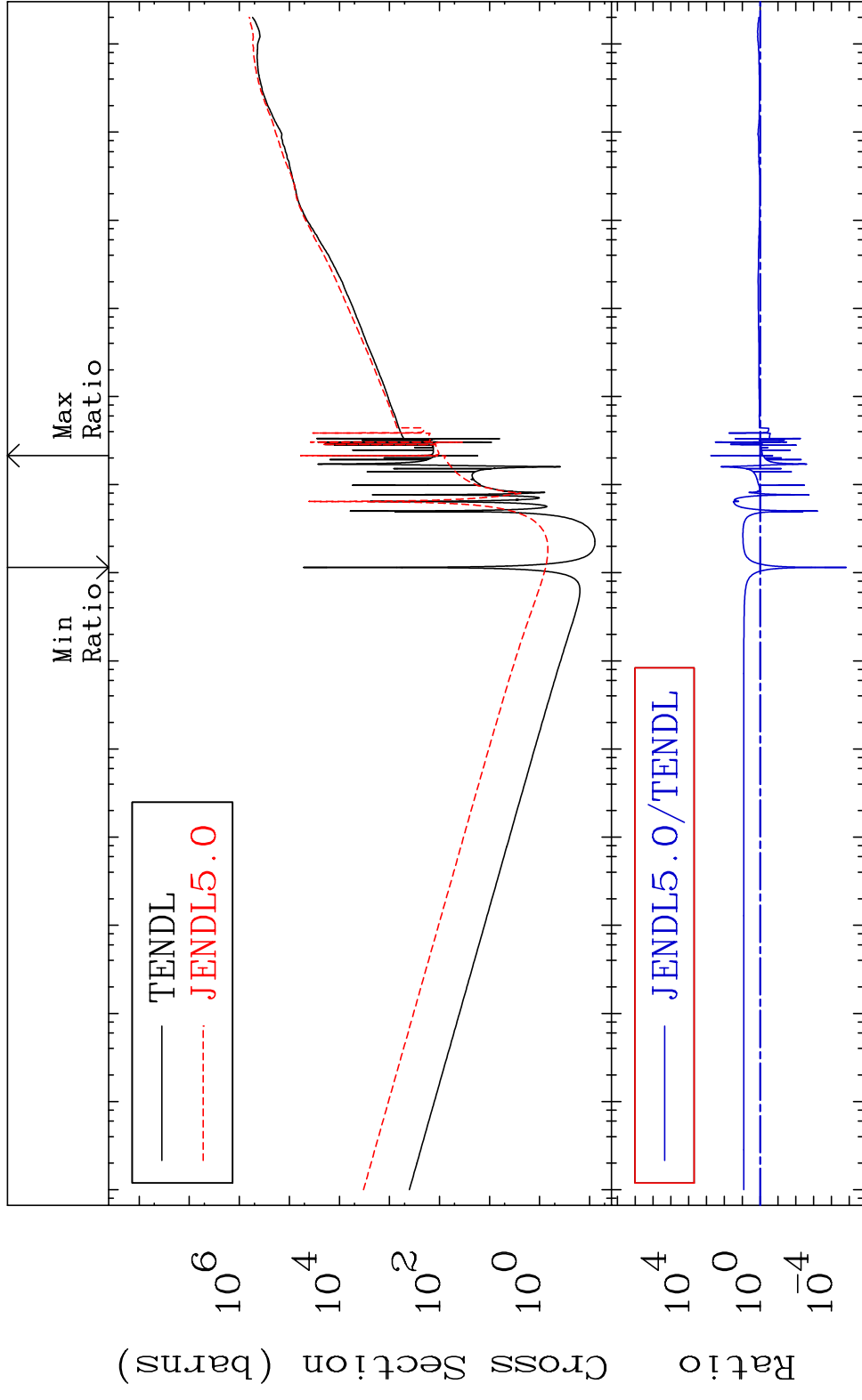


MAT 5449

Dpa total (eV-barns)

54-Xe-132

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

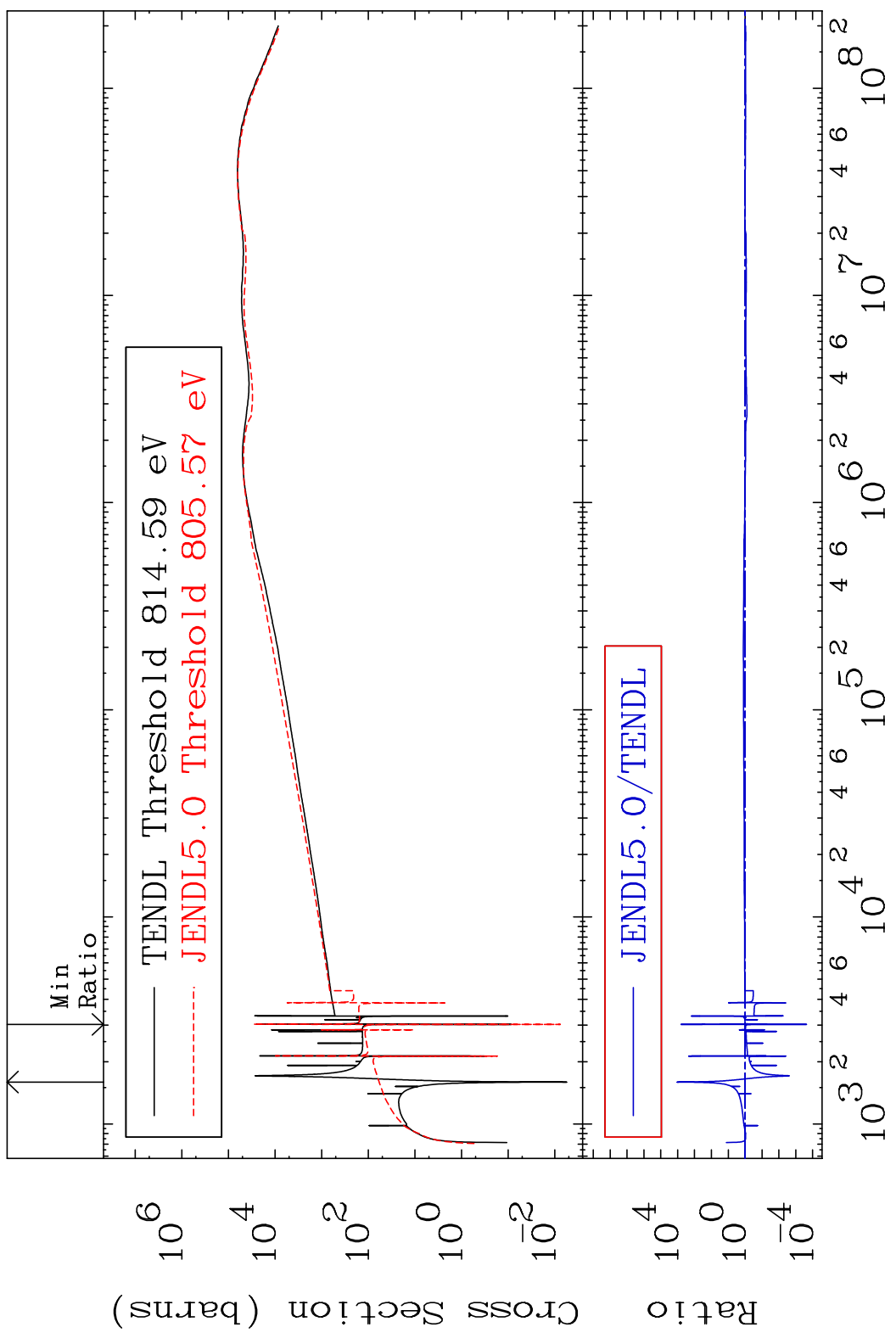
54-Xe-132

MAT 5449

Dpa elastic (mt2)

54-Xe-132

Cross Section -99.98 To 9999. %

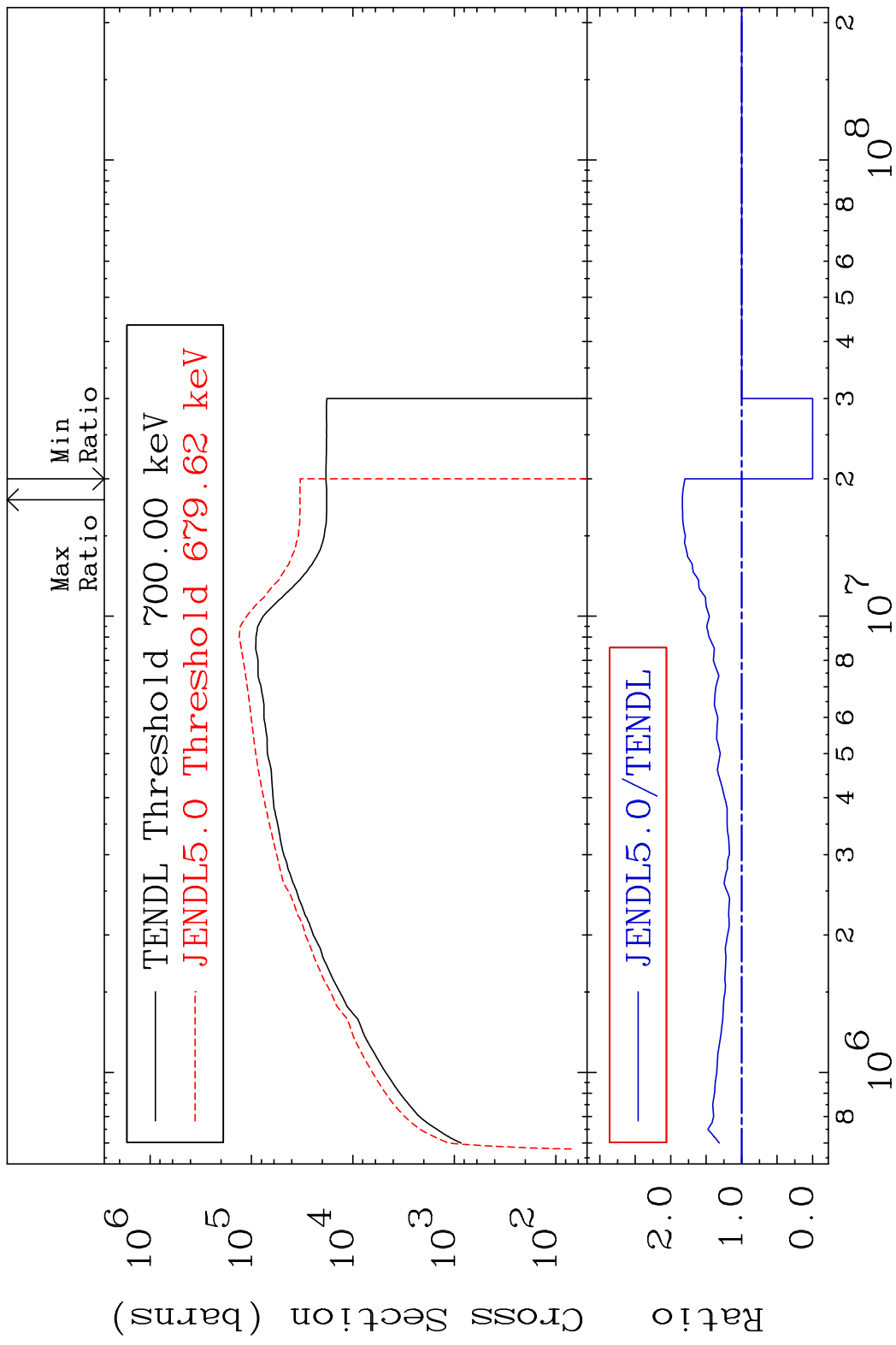


50

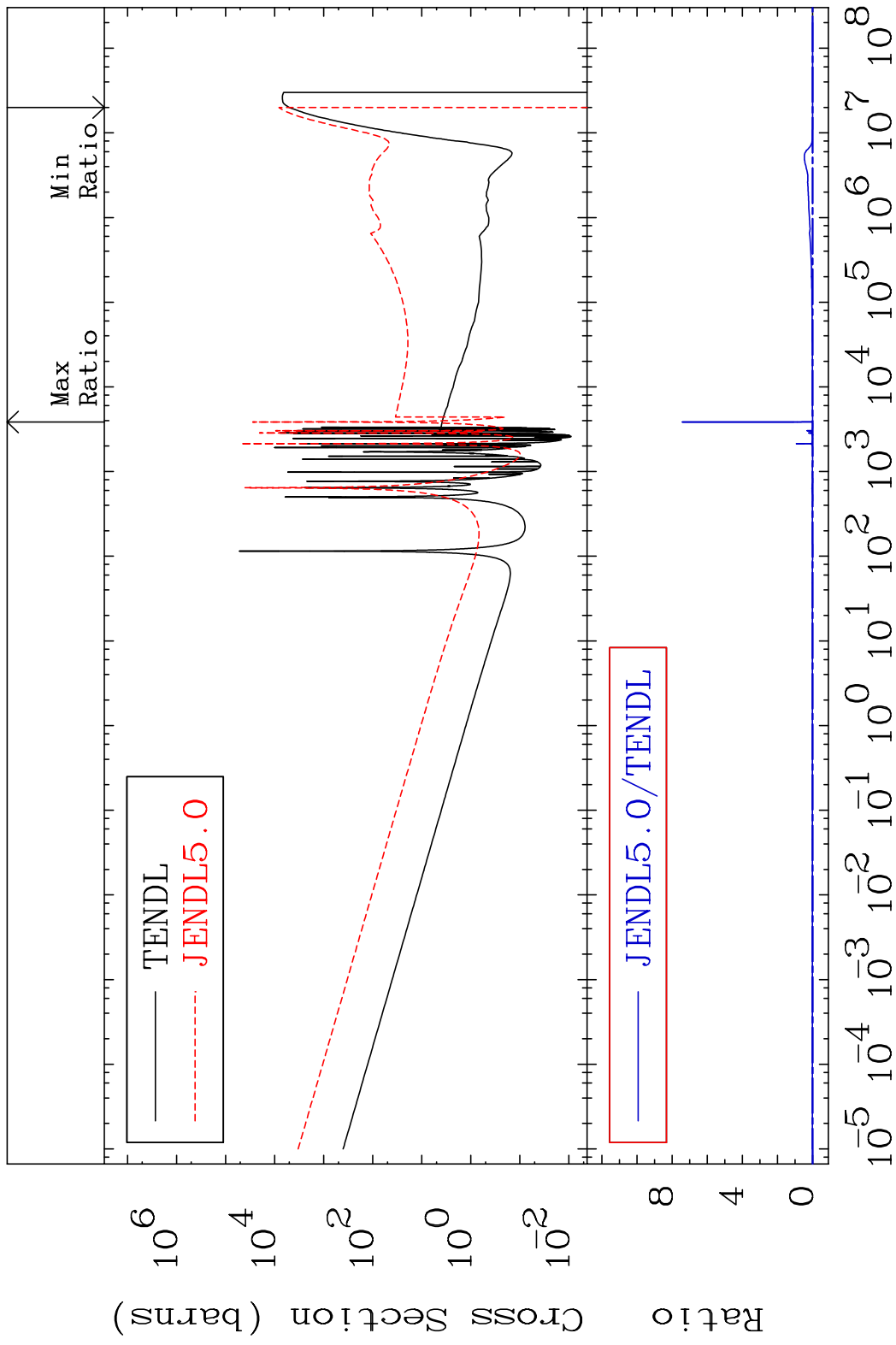
Incident Energy (eV)

54-Xe-132

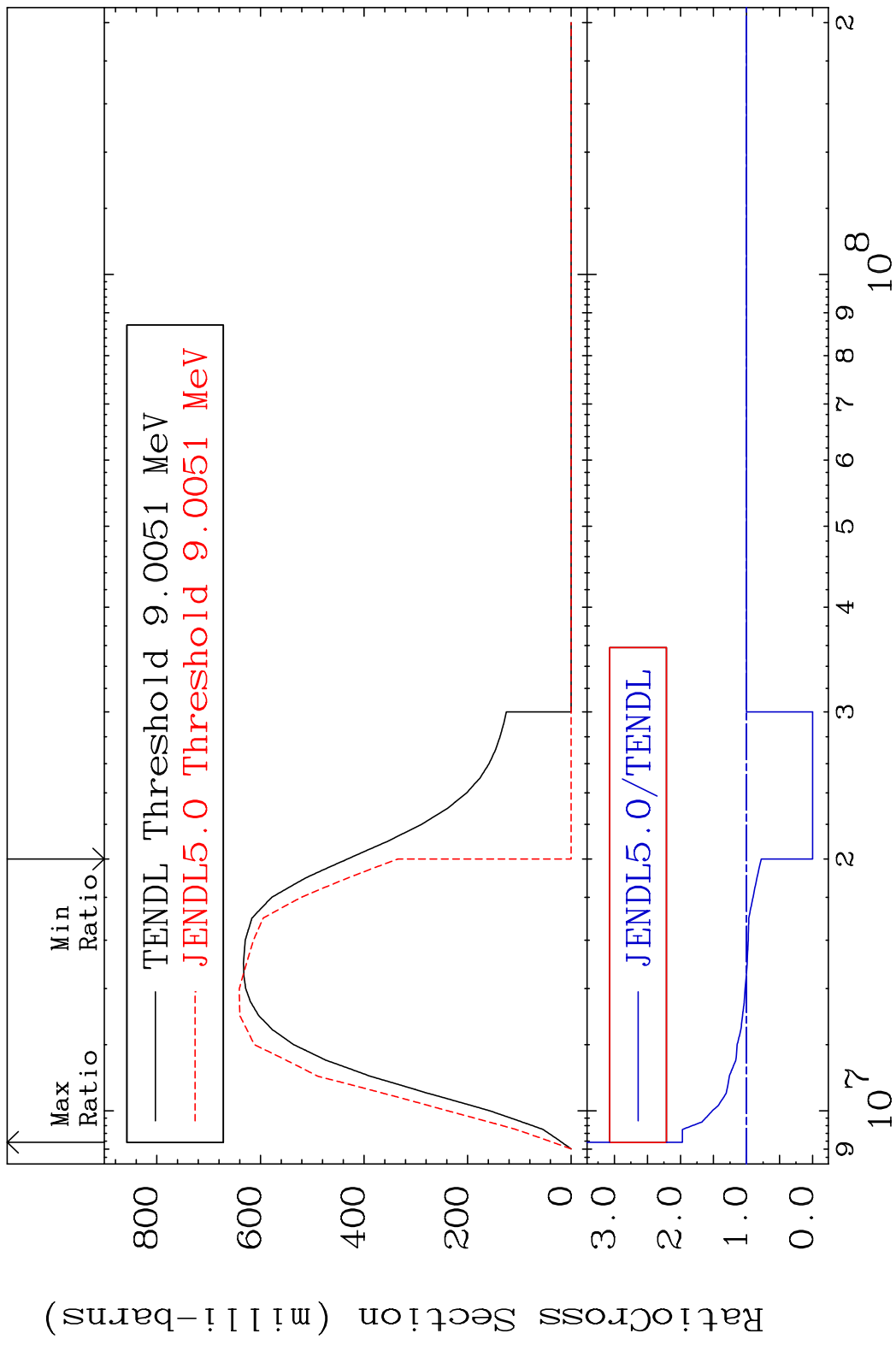
MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132
 Cross Section -100.0 To 83.60 %



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



MAT 5449 (n,2n):54-Xe-131g 54-Xe-132
 Radionuclide Production Cross Section 180.01 dth 97.15 %



MAT 5449 (n,2n):54-Xe-131m2 54-Xe-132
 Radionuclide Production Cross Section 180.01 dth 79.59 %

