

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

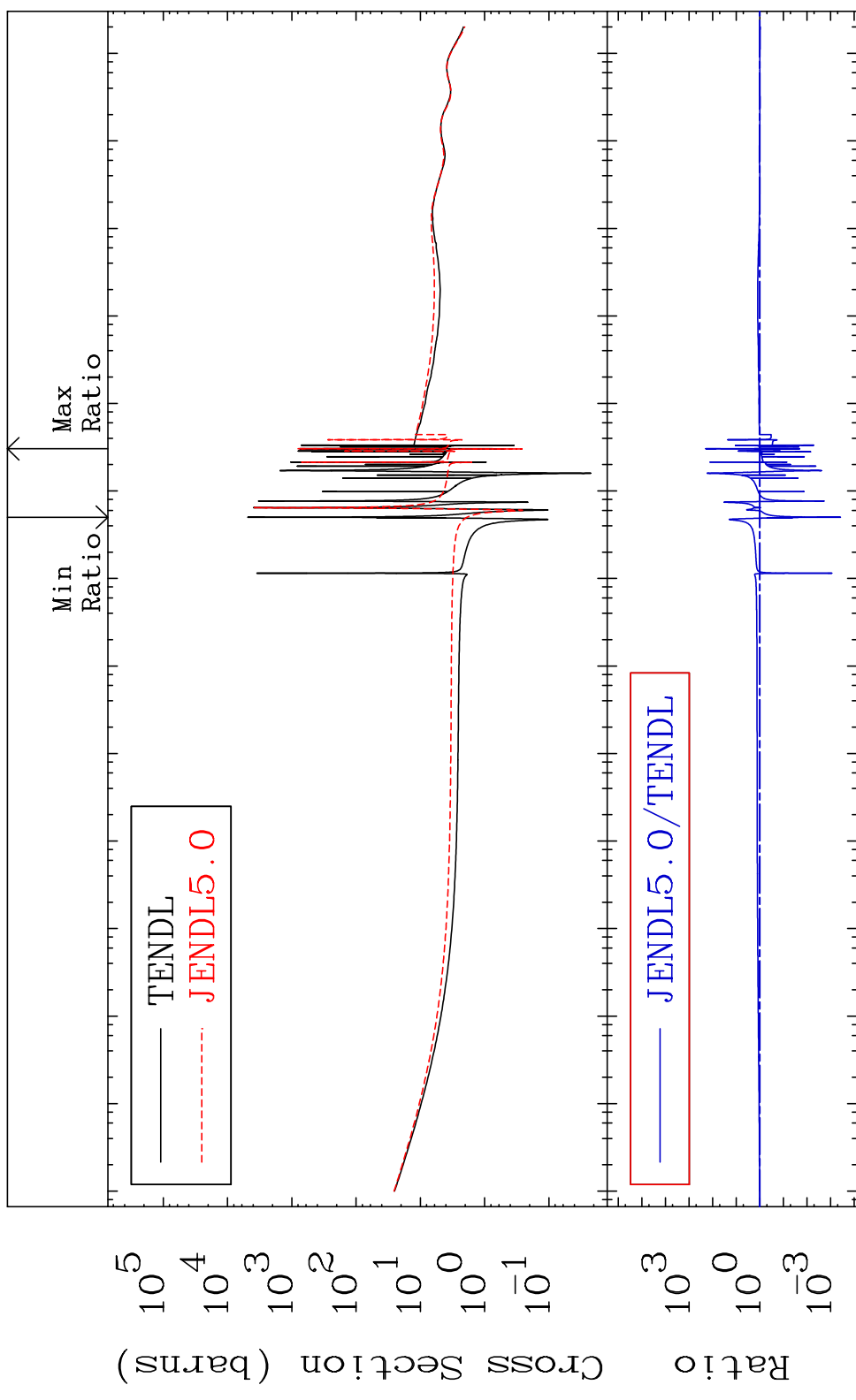
MAT 5449

Total

54-Xe-132

Cross Section

-99.96 To 9999. %



1

Incident Energy (eV)

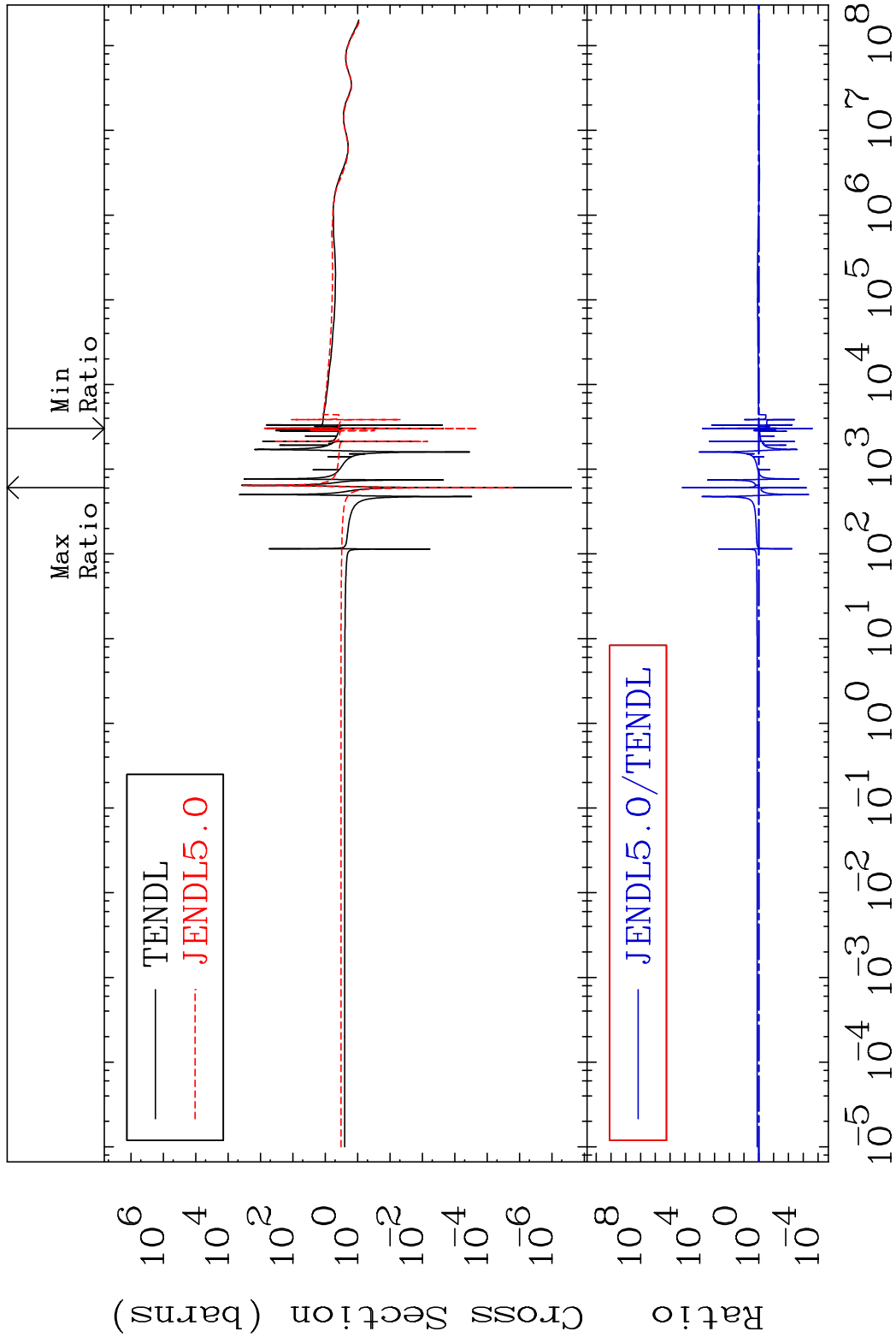
54-Xe-132

MAT 5449

Elastic

54-Xe-132

Cross Section -99.98 To 9999. %

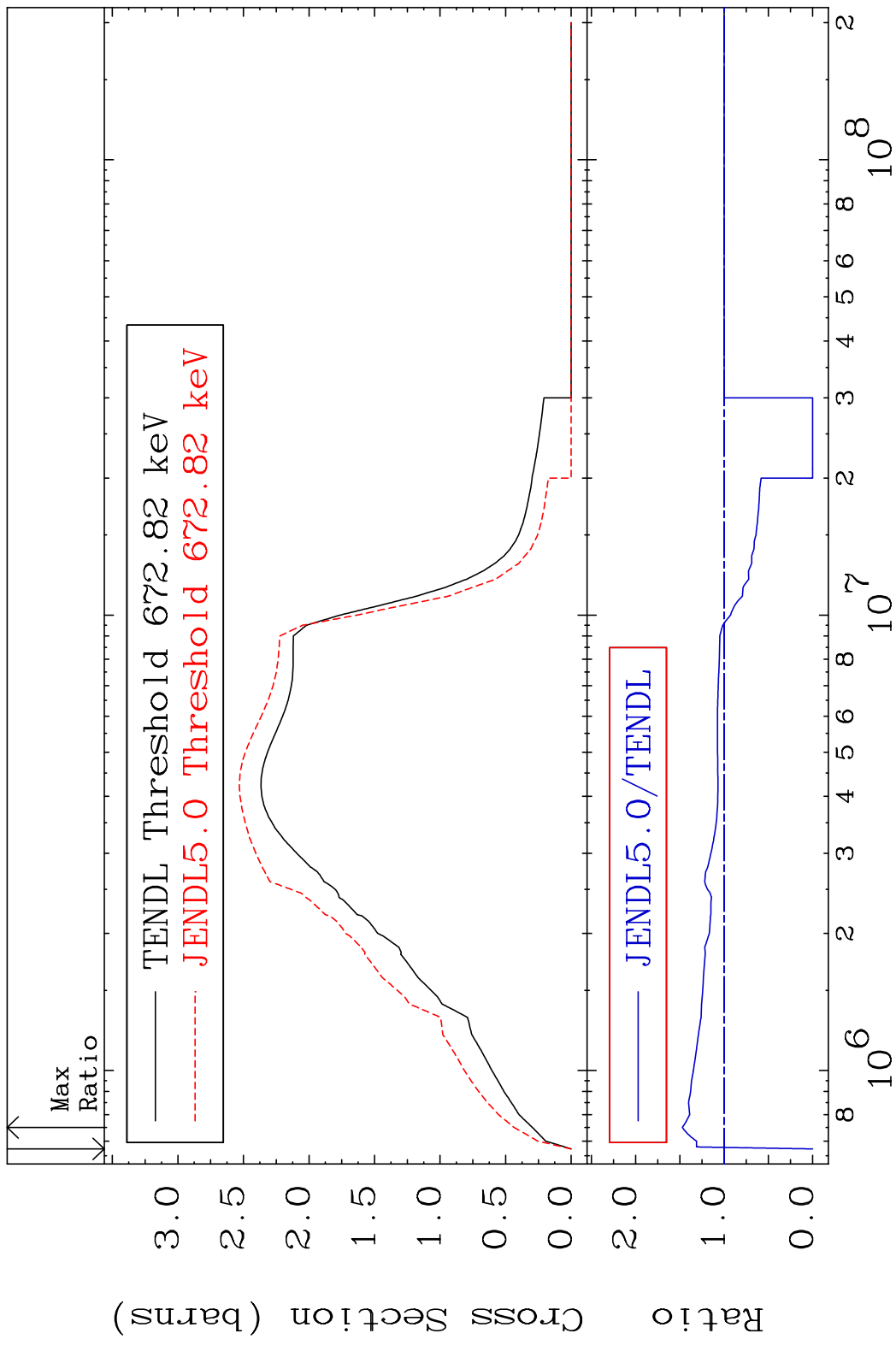


2

Incident Energy (eV)

54-Xe-132

MAT 5449 Inelastic 54-Xe-132
Cross Section -100.0 To 47.12 %



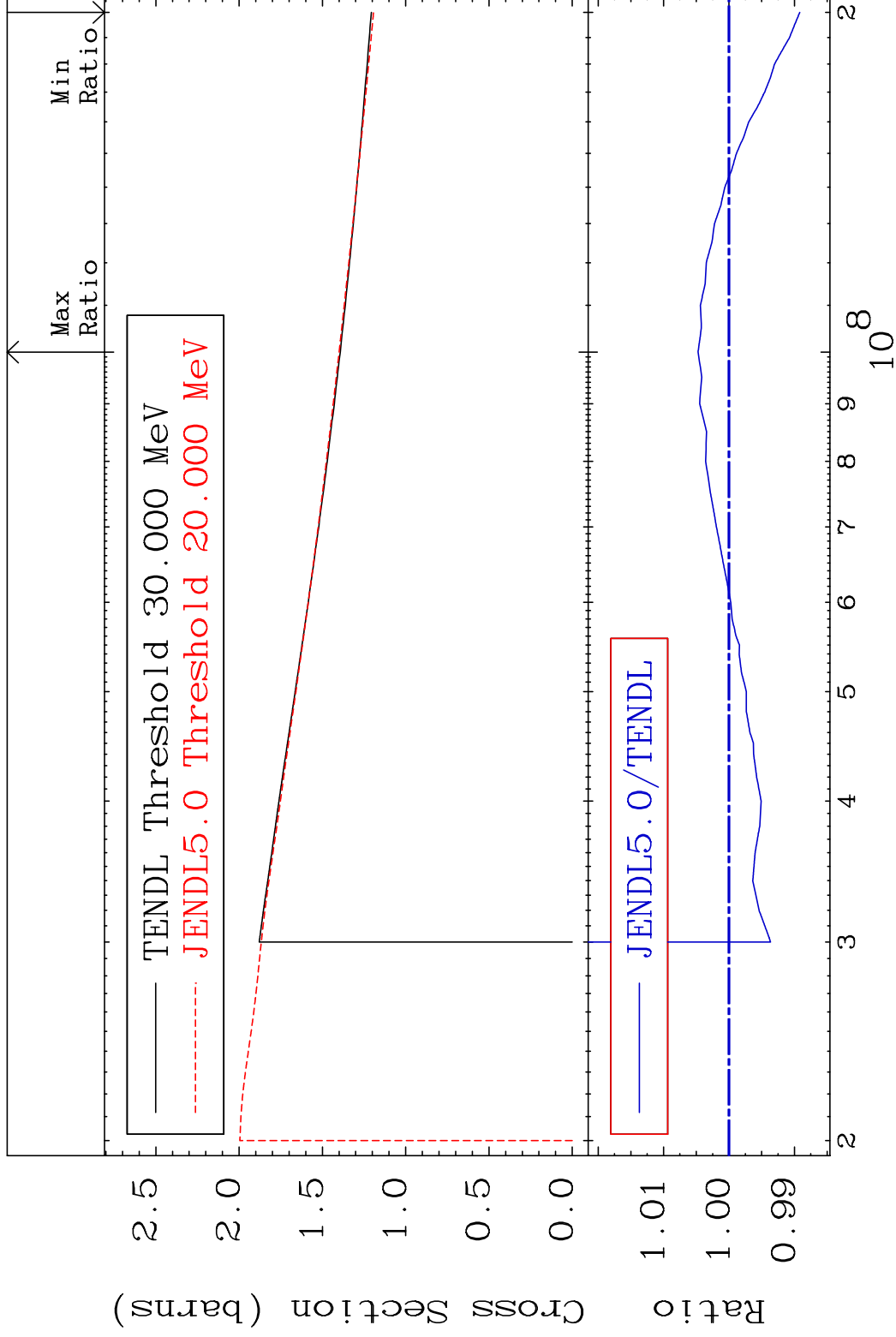
3 Incident Energy (eV) 54-Xe-132

MAT 5449

(n, remainder)

54-Xe-132

Cross Section -1.081 To 0.473 %



4

Incident Energy (eV)

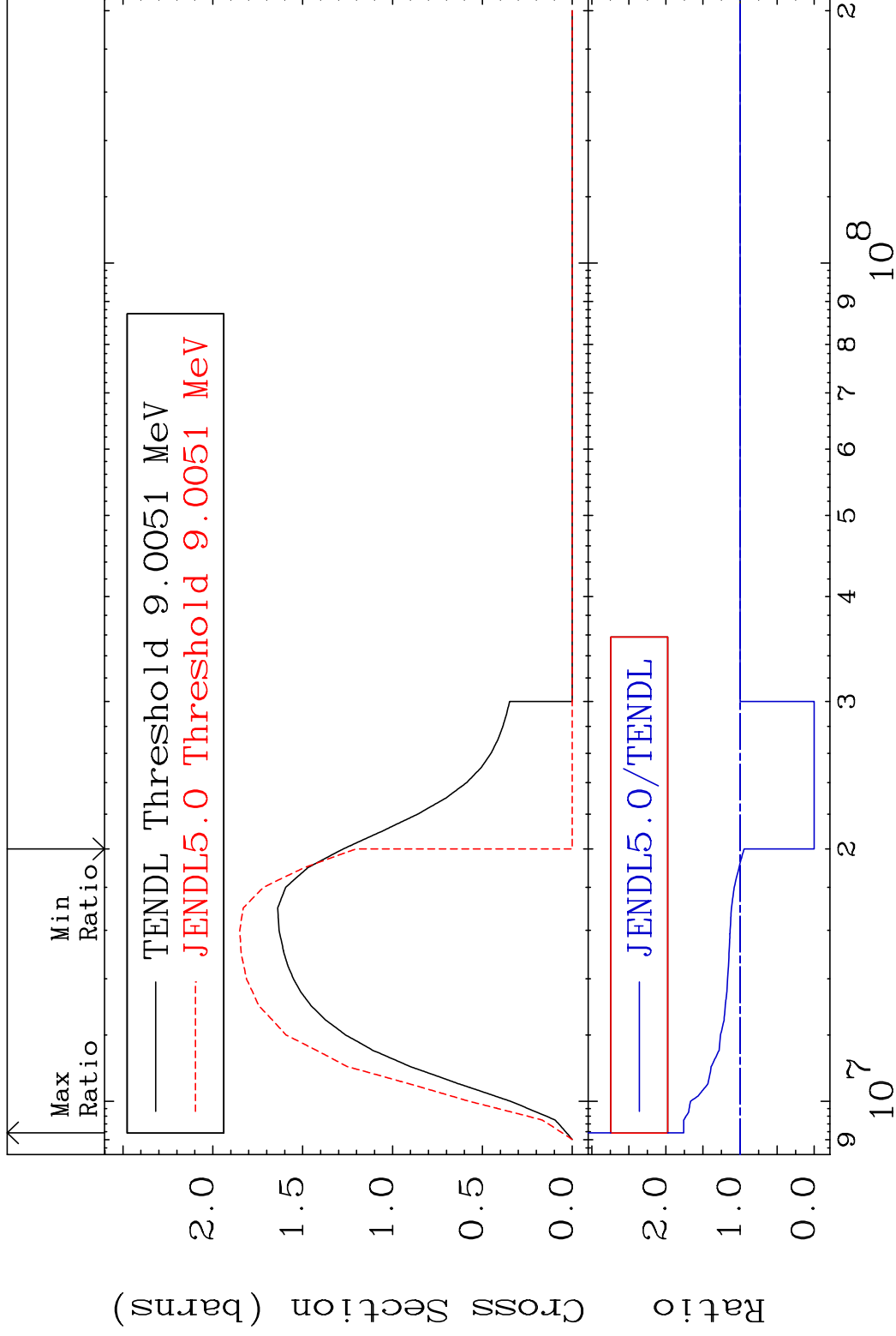
54-Xe-132

MAT 5449

(n,2n)

54-Xe-132

Cross Section -100.0 To 76.09 %



5

Incident Energy (eV)

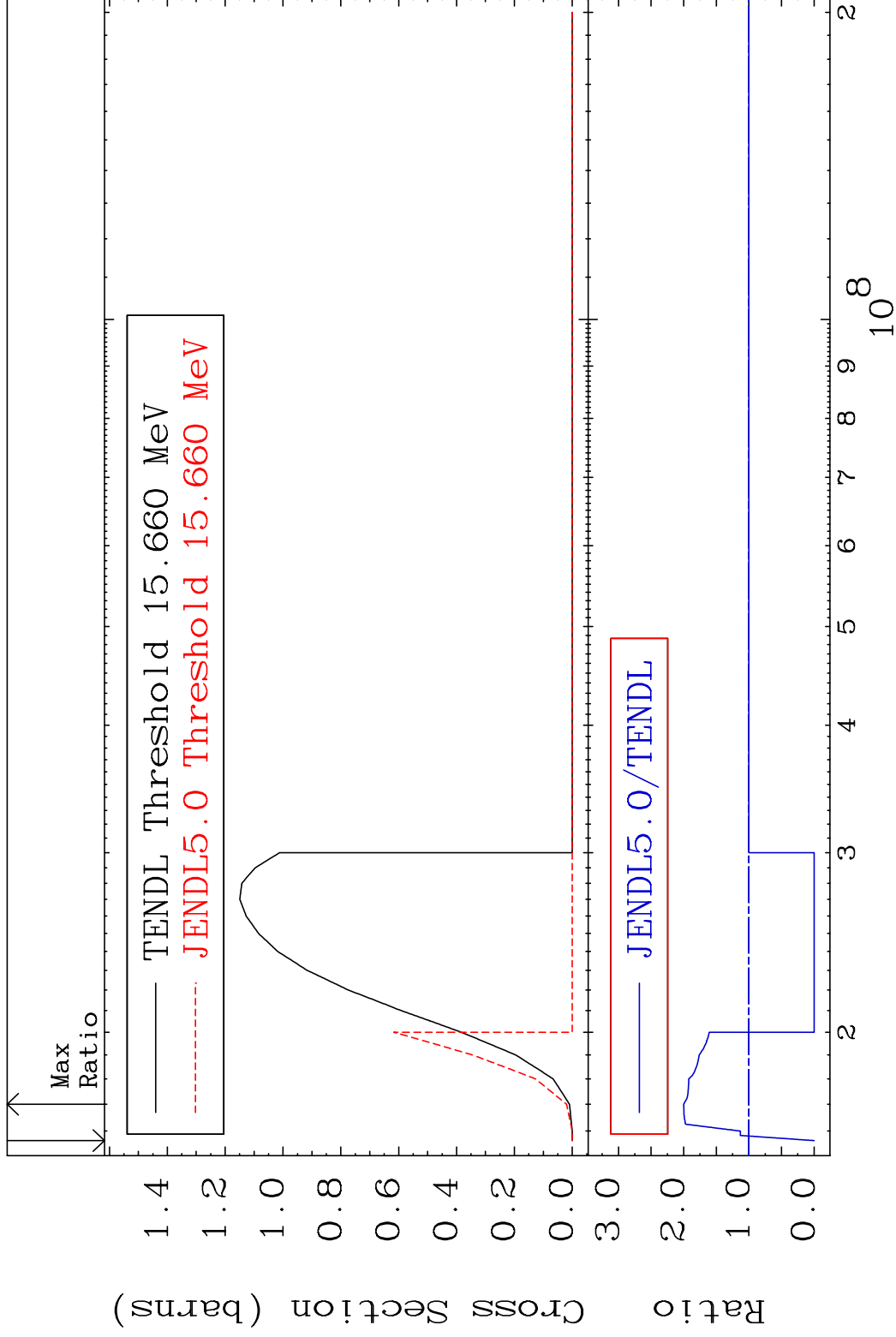
54-Xe-132

MAT 5449

(n,3n)

54-Xe-132

Cross Section -100.0 To 100.1 %

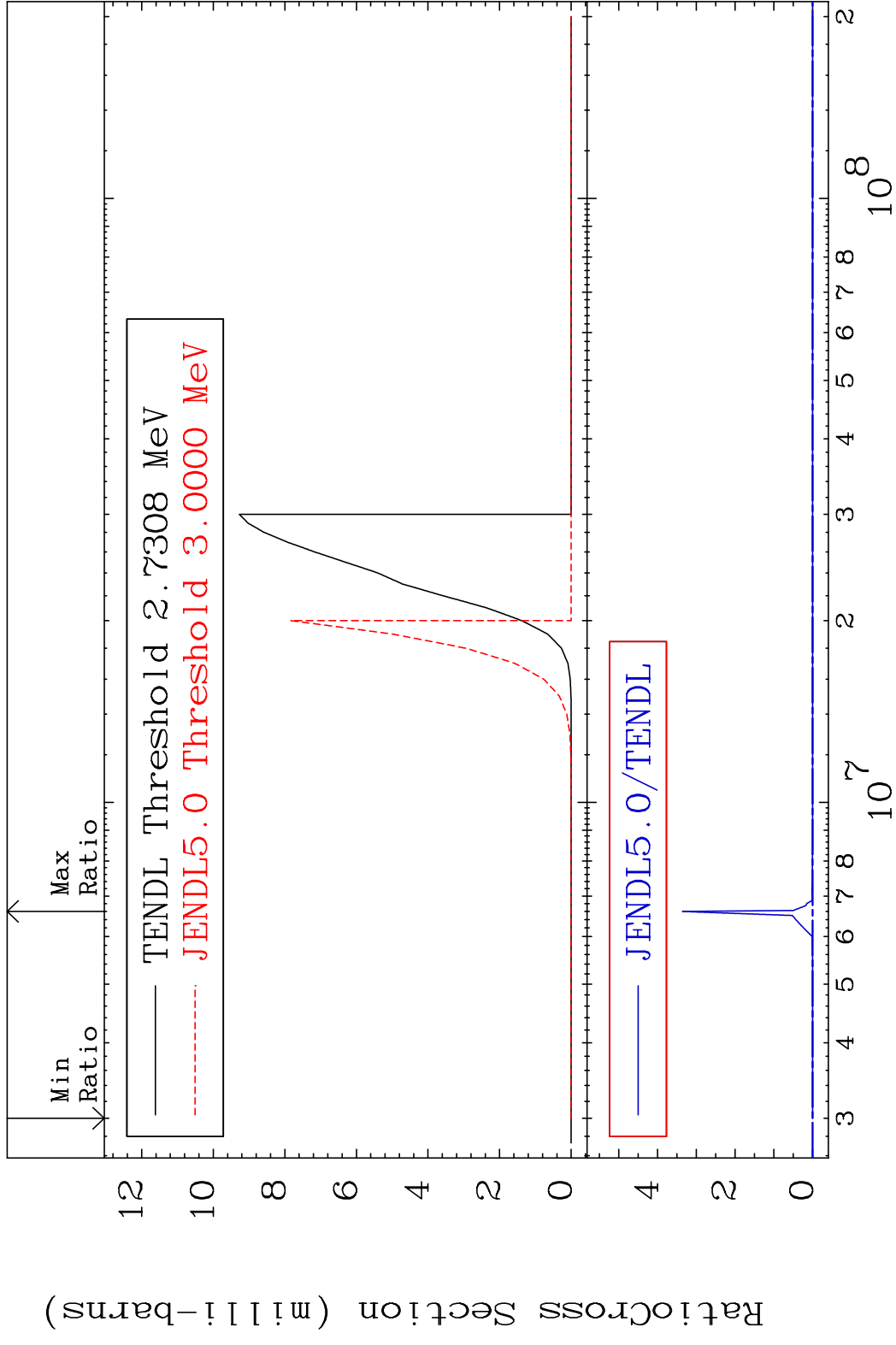


6

Incident Energy (eV)

54-Xe-132

MAT 5449 (n, n') α 54-Xe-132
 Cross Section -100.0 To 9999. %



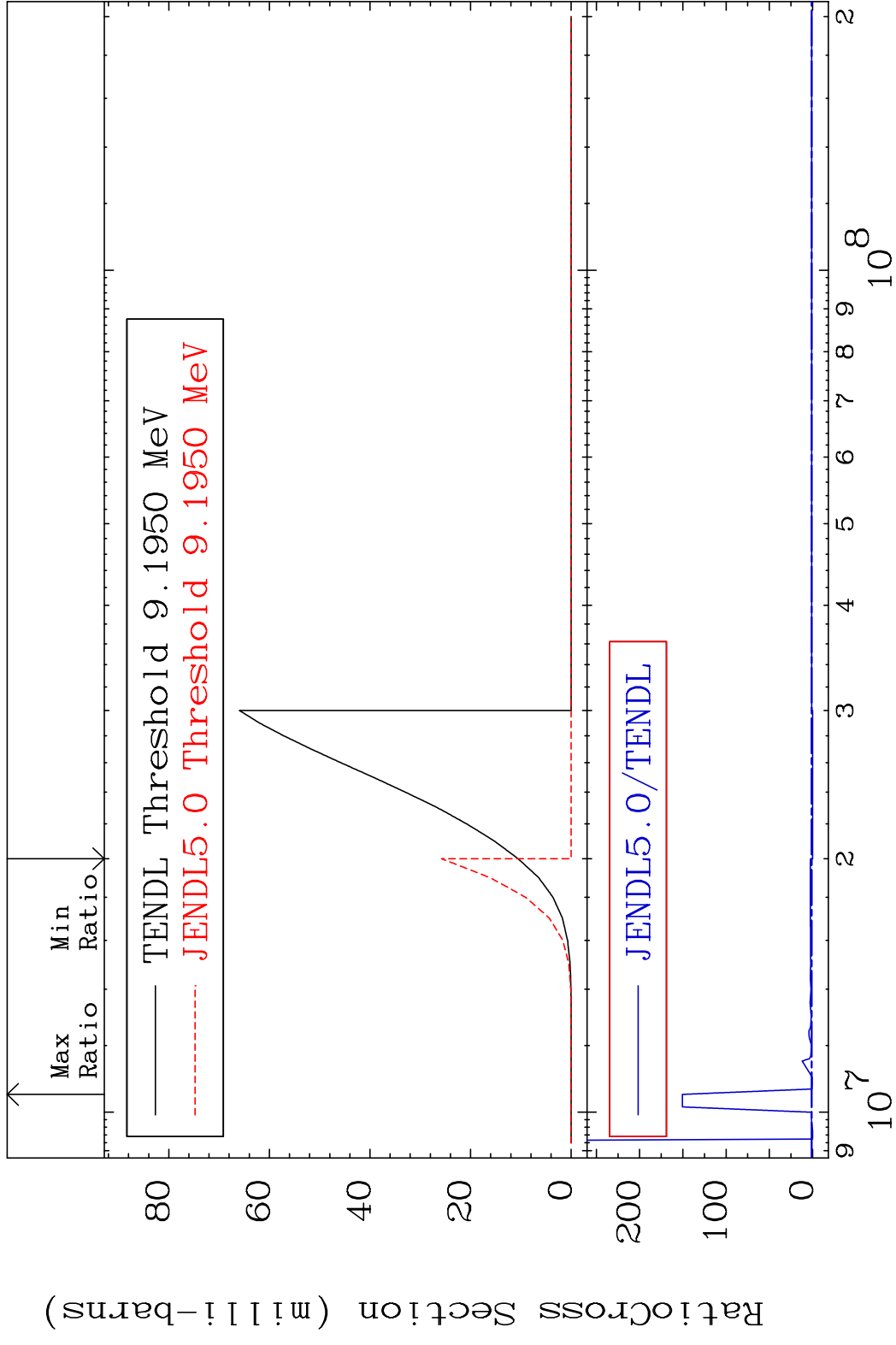
7 Incident Energy (eV) 54-Xe-132

MAT 5449

(n, n') p

54-Xe-132

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

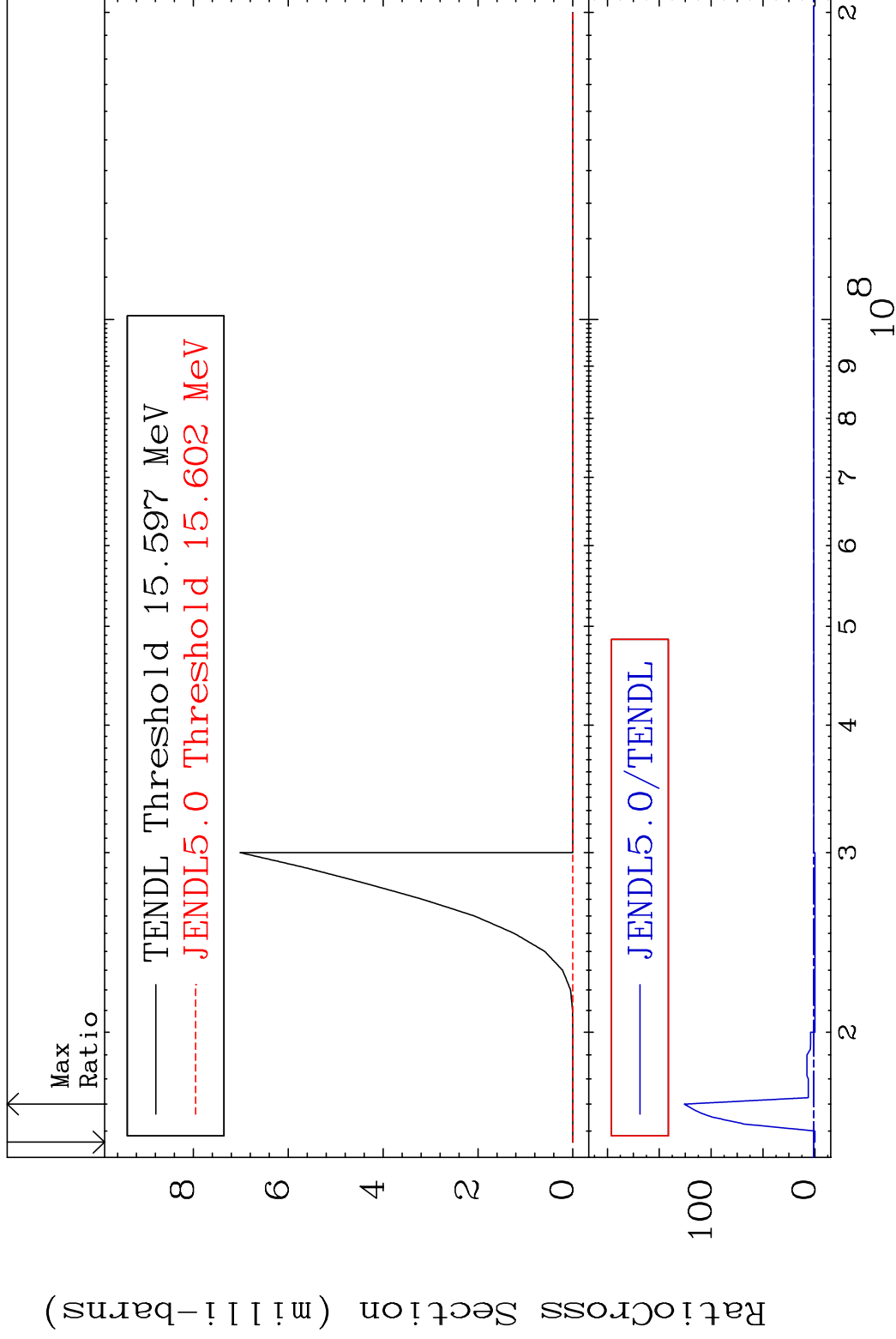
54-Xe-132

MAT 5449

(n, n') d

54-Xe-132

Cross Section -100.0 To 9999. %

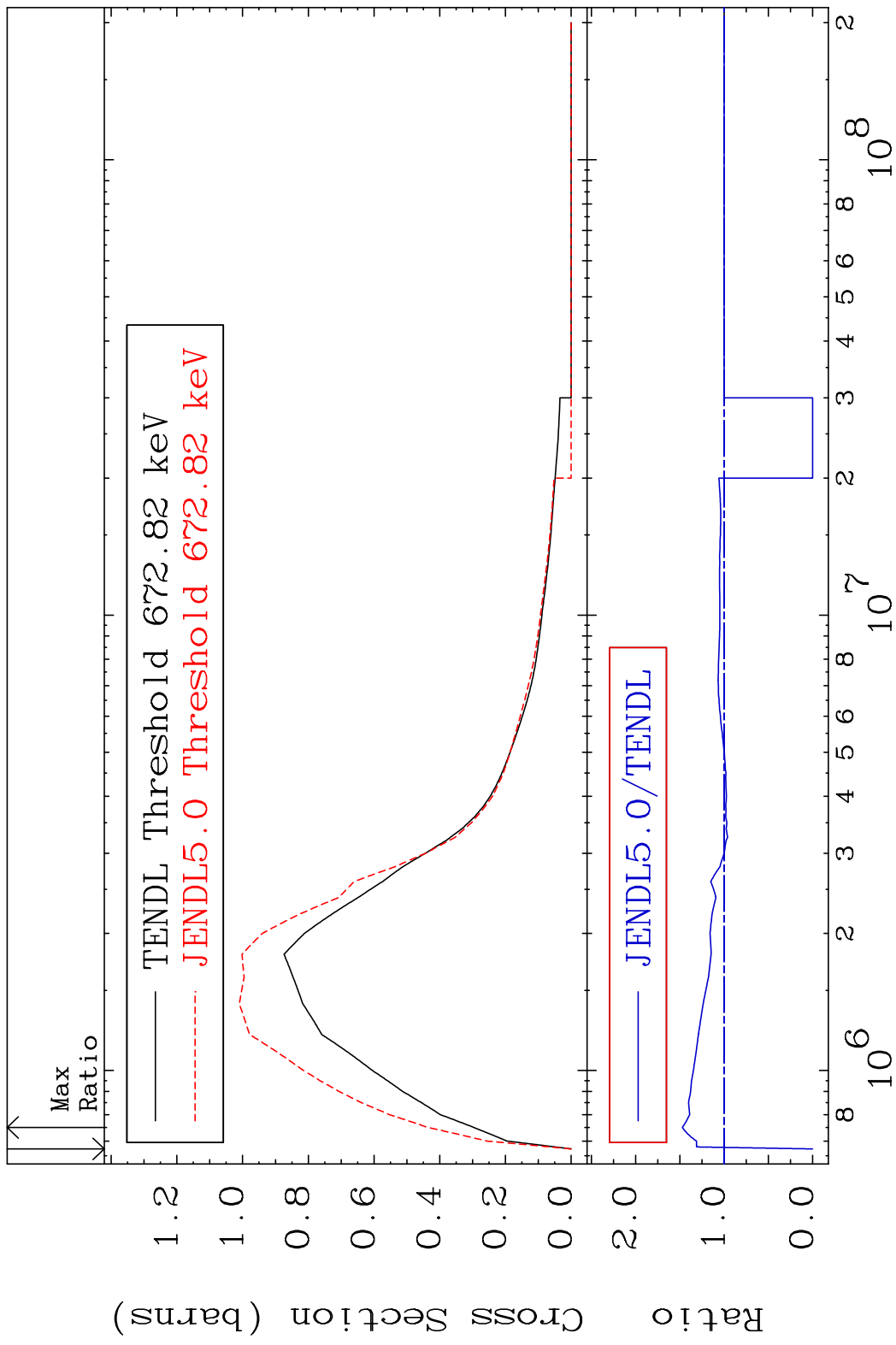


9

Incident Energy (eV)

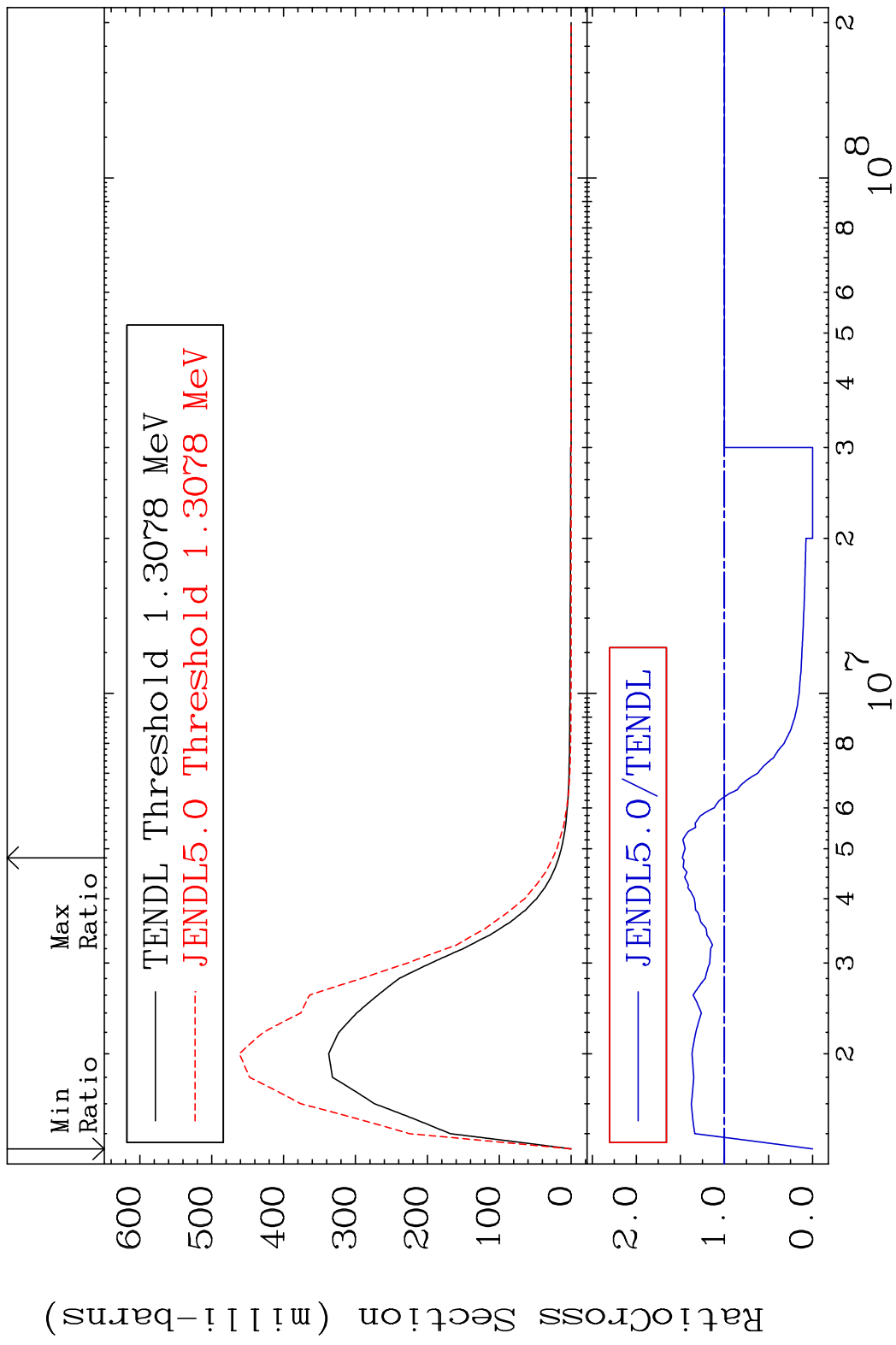
54-Xe-132

MAT 5449 MT= 51 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 47.12 %

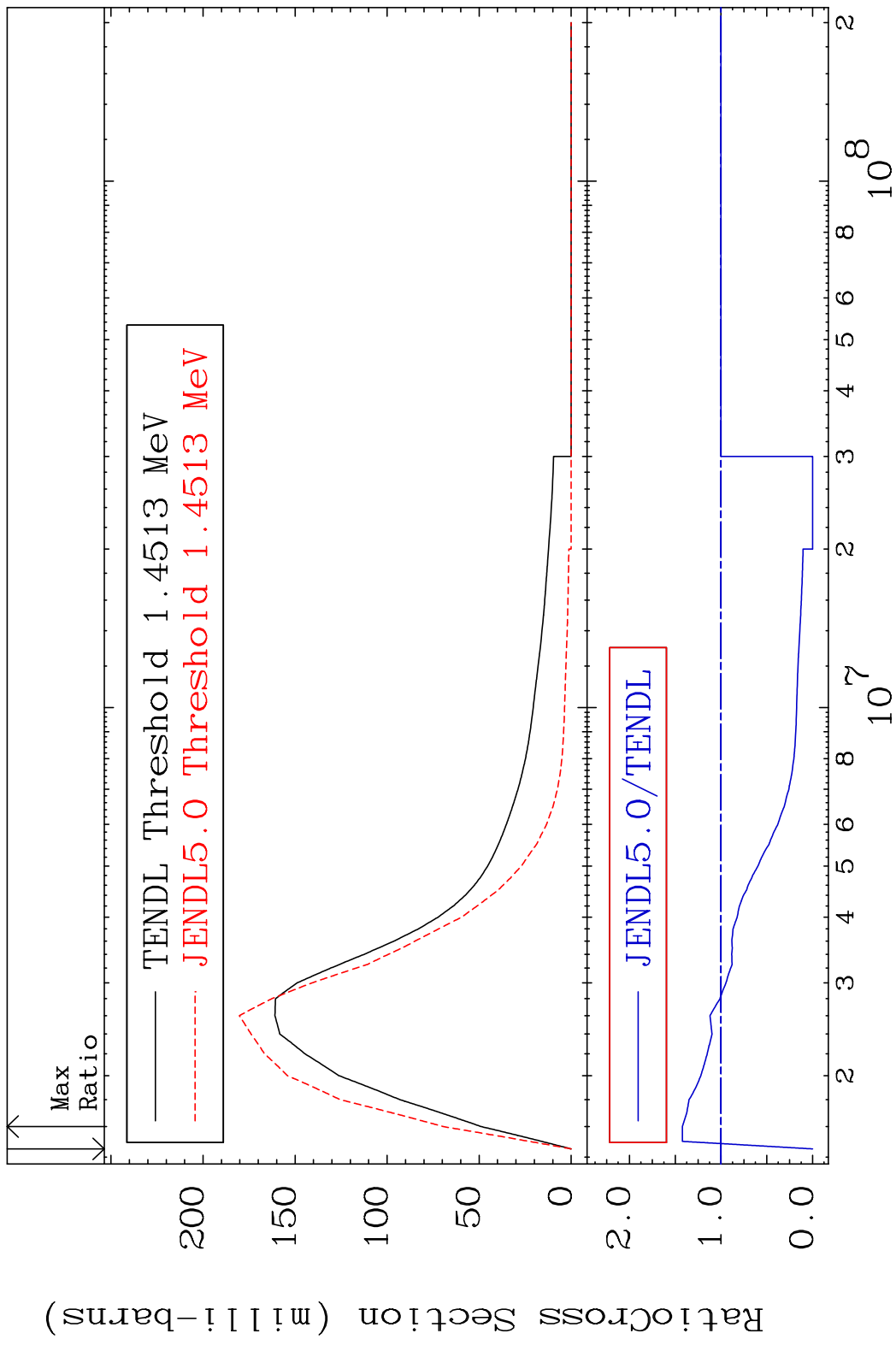


10 Incident Energy (eV) 54-Xe-132

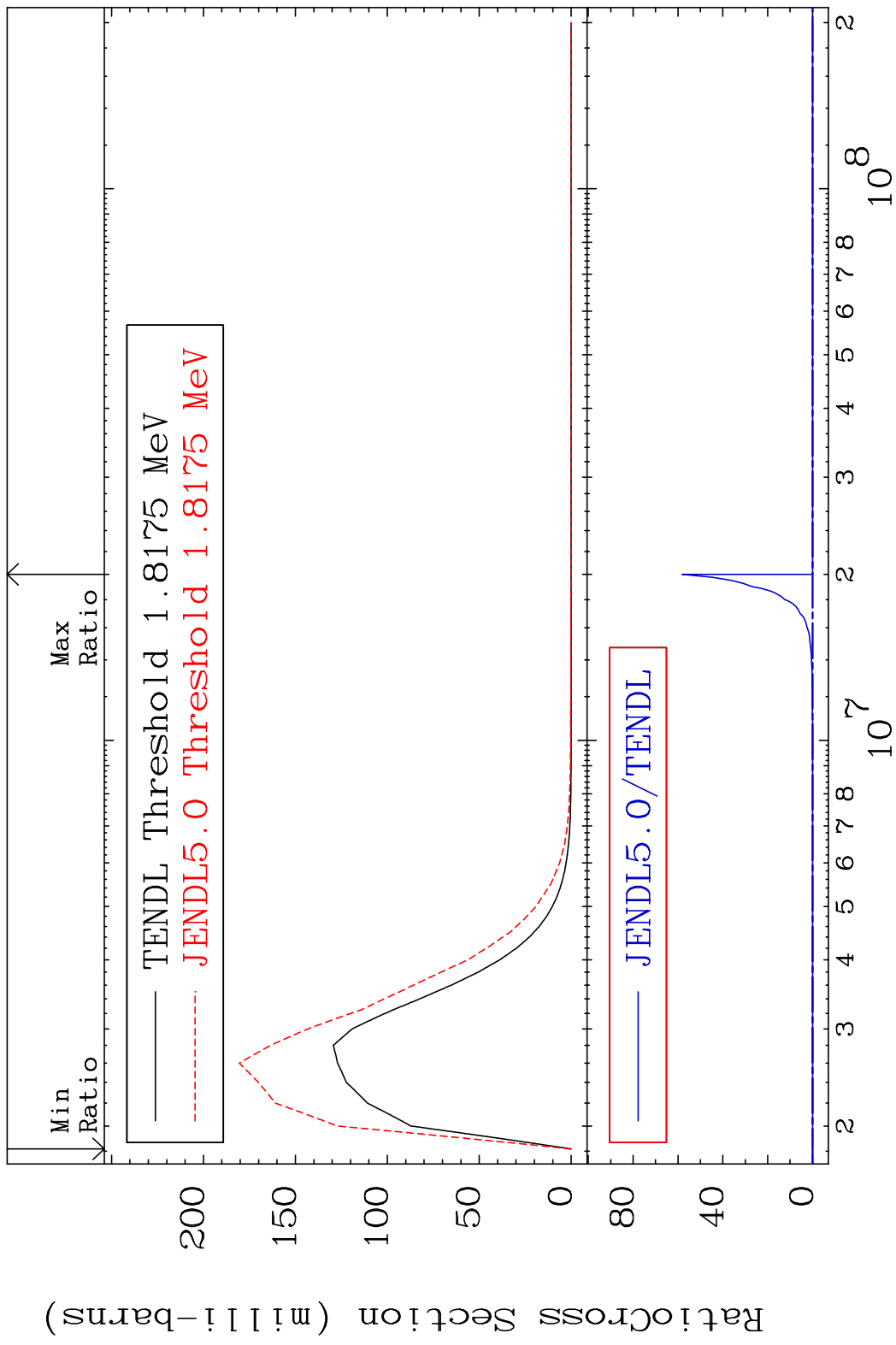
MAT 5449 MT= 52 (n,n') Level 54-Xe-132
 Cross Section -100.0 To 47.72 %



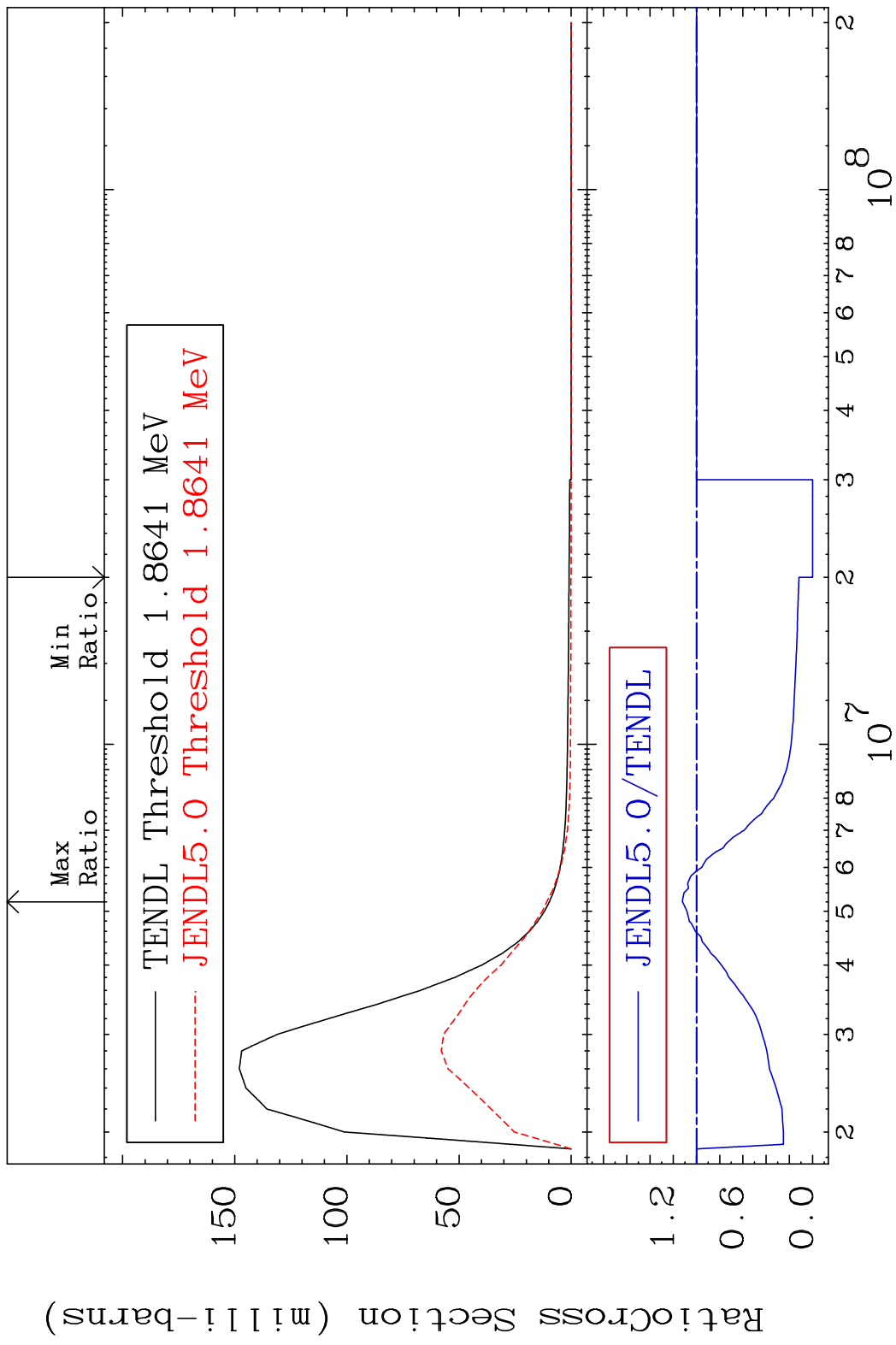
MAT 5449 MT= 53 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 42.24 %



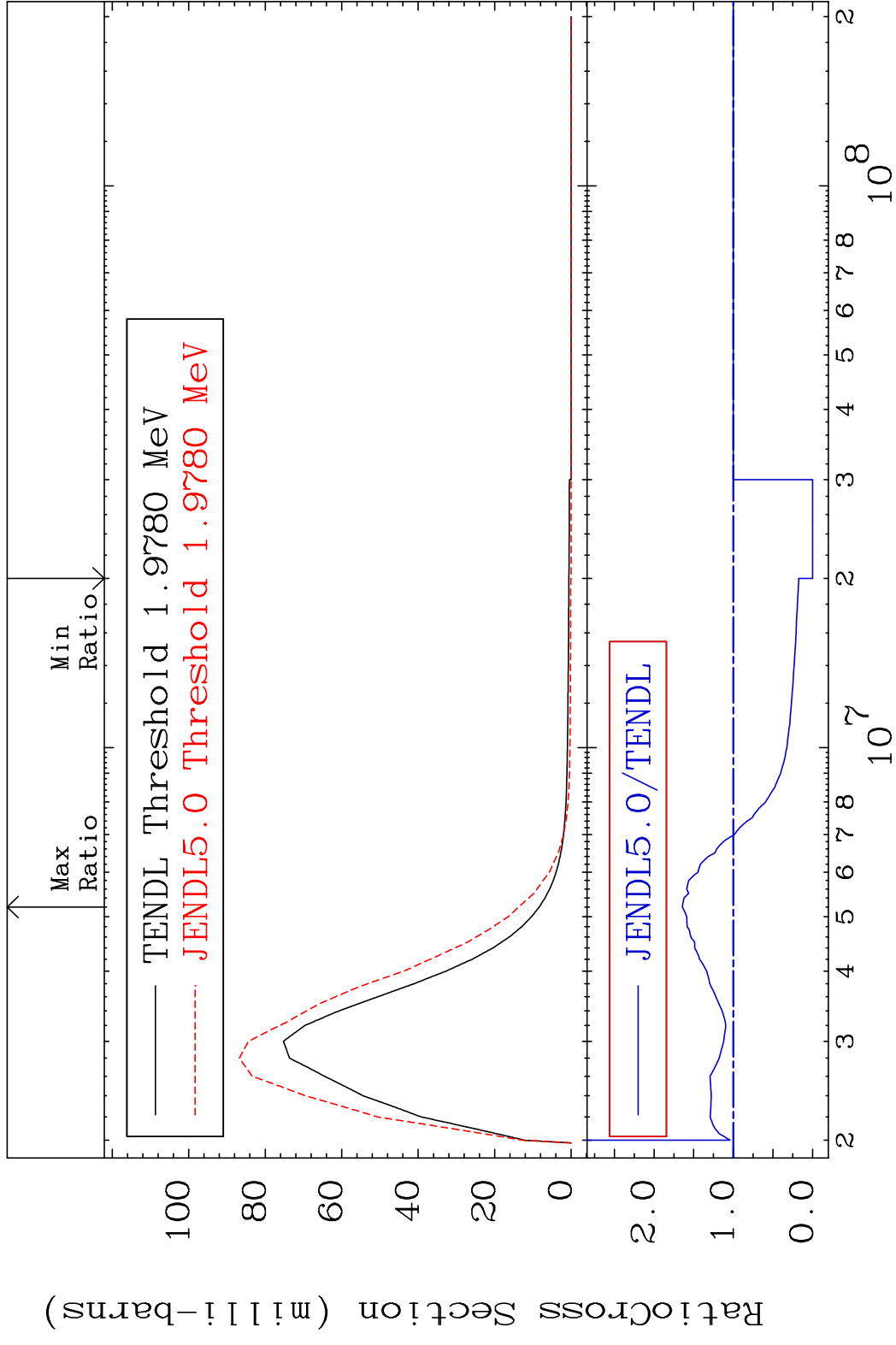
MAT 5449 MT= 54 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %



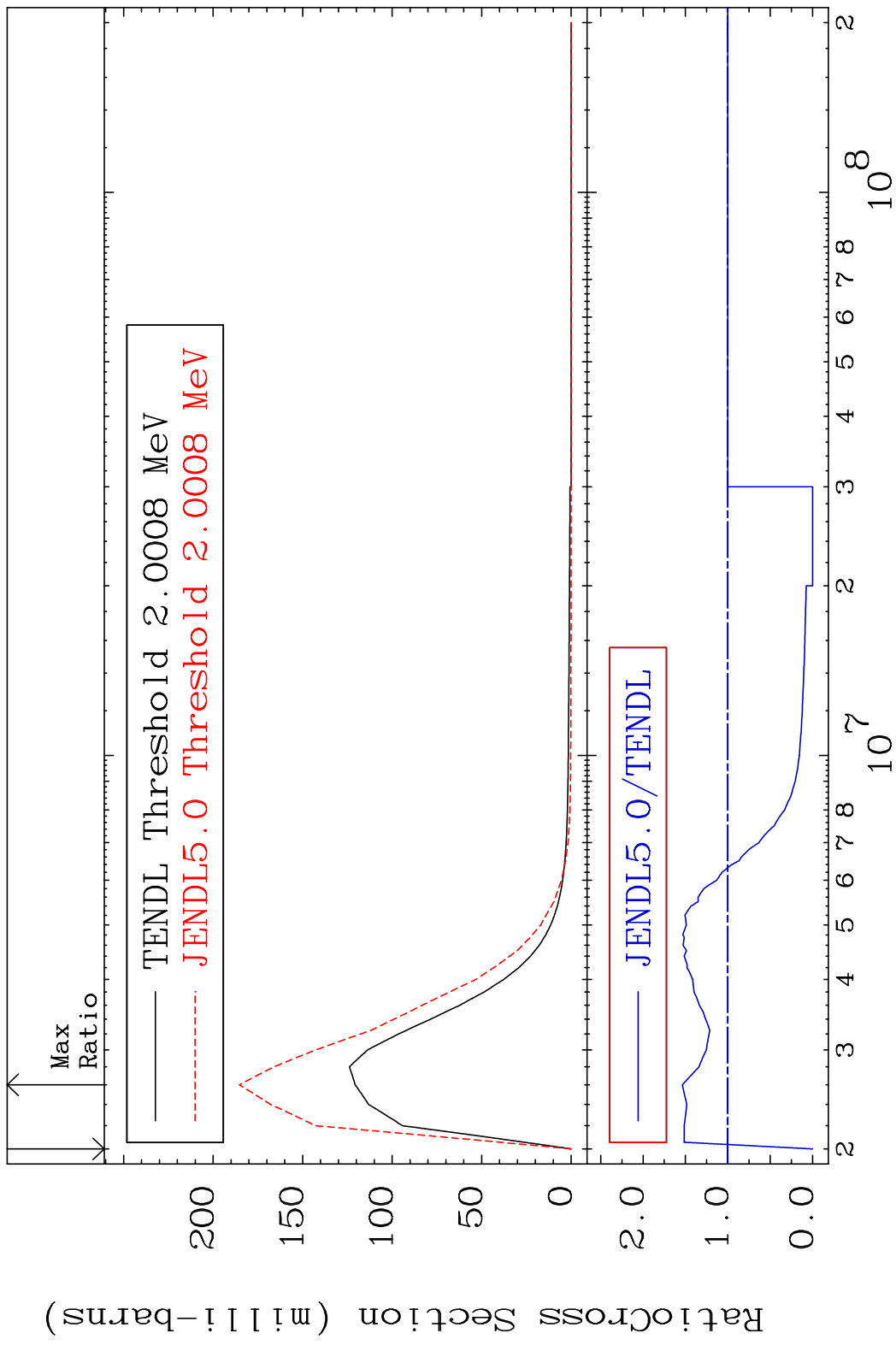
MAT 5449 MT= 55 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 12.15 %



MAT 5449 MT= 56 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 64.28 %

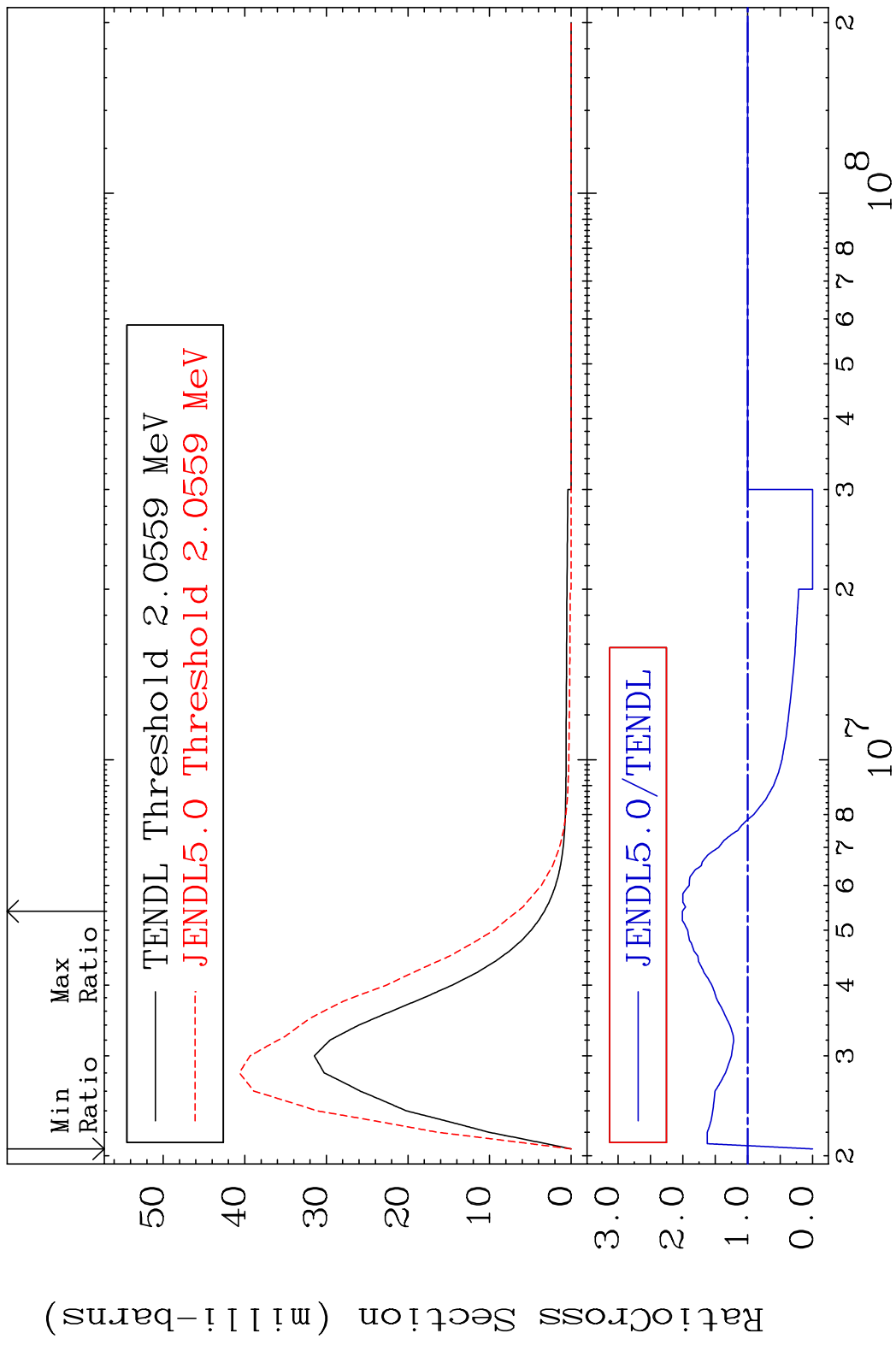


MAT 5449 MT= 57 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 53.64 %



16 Incident Energy (eV) 54-Xe-132

MAT 5449 MT= 58 (n,n') Level 54-Xe-132
 Cross Section -100.0 To 100.8 %



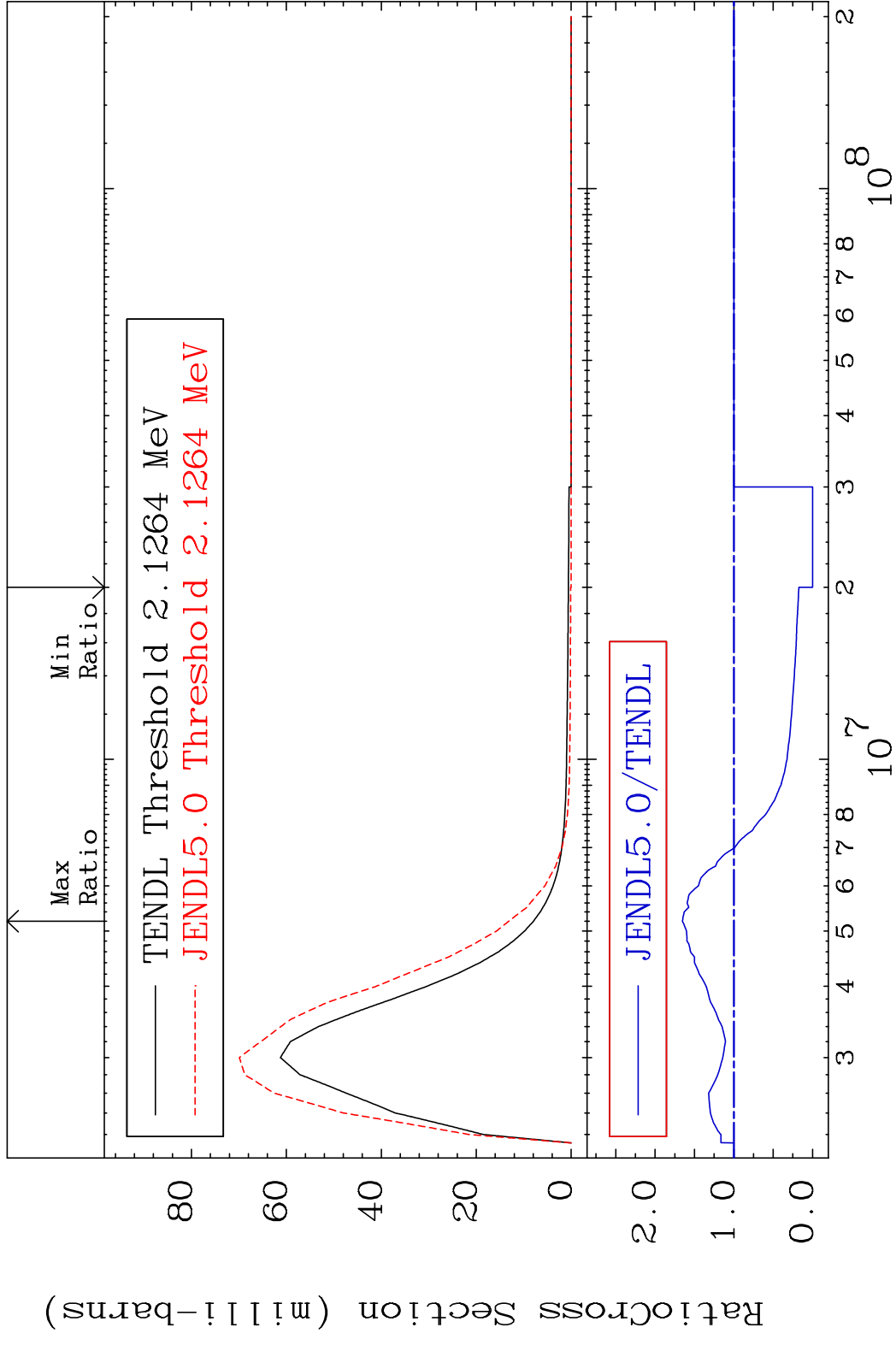
17 Incident Energy (eV) 54-Xe-132

MAT 5449

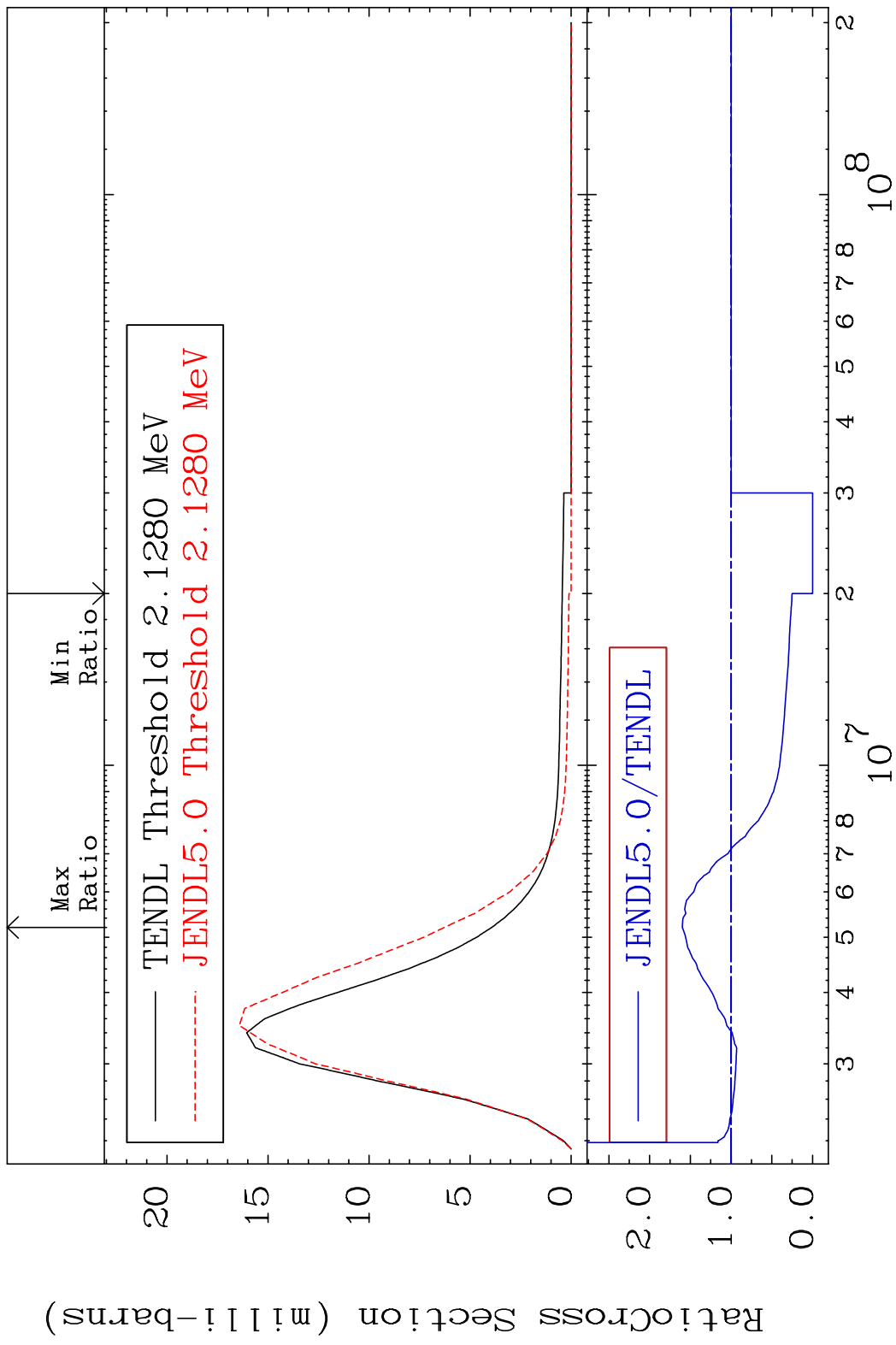
MT= 59 (n, n') Level

54-Xe-132

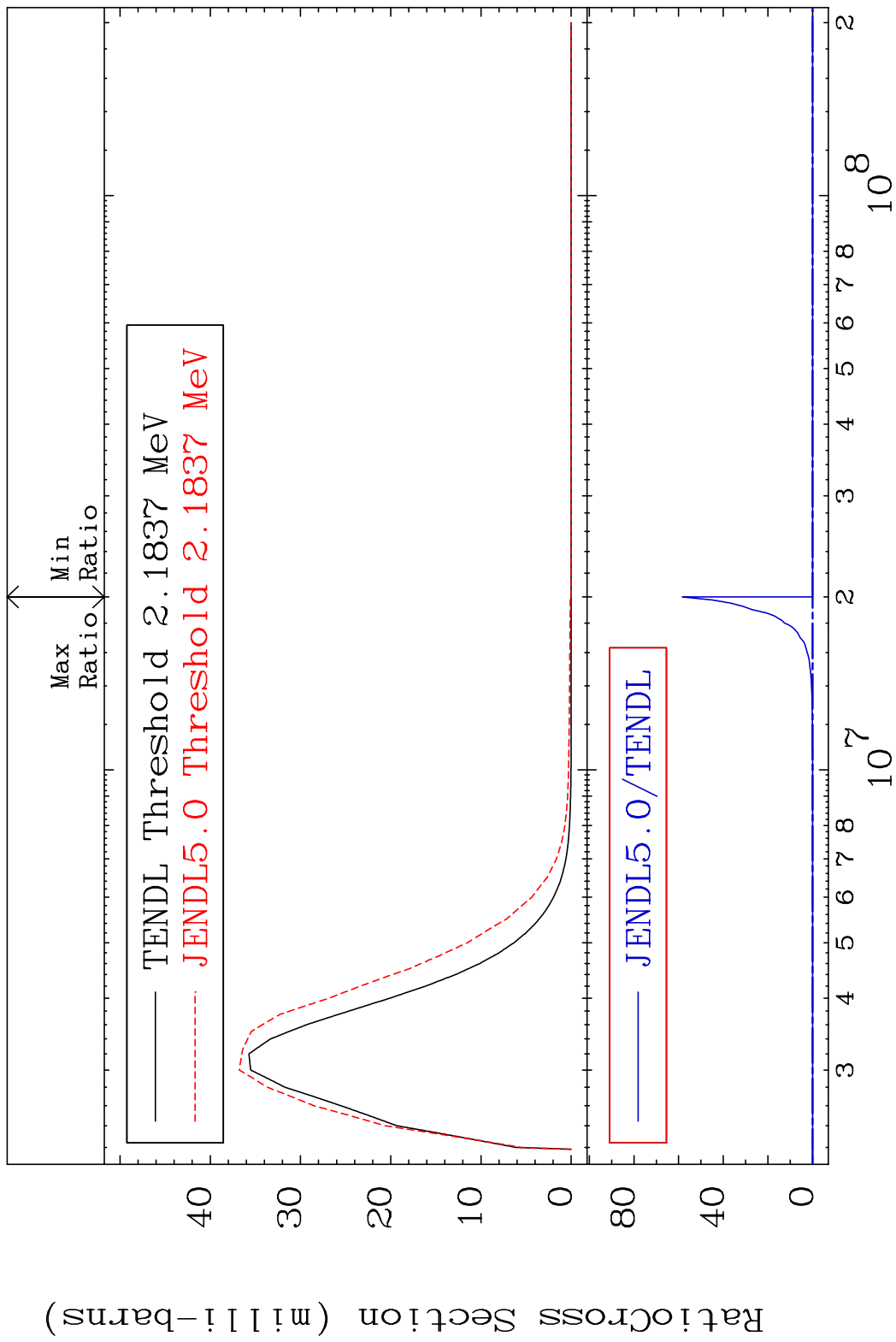
Cross Section -100.0 To 65.40 %



MAT 5449 MT= 60 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 59.82 %

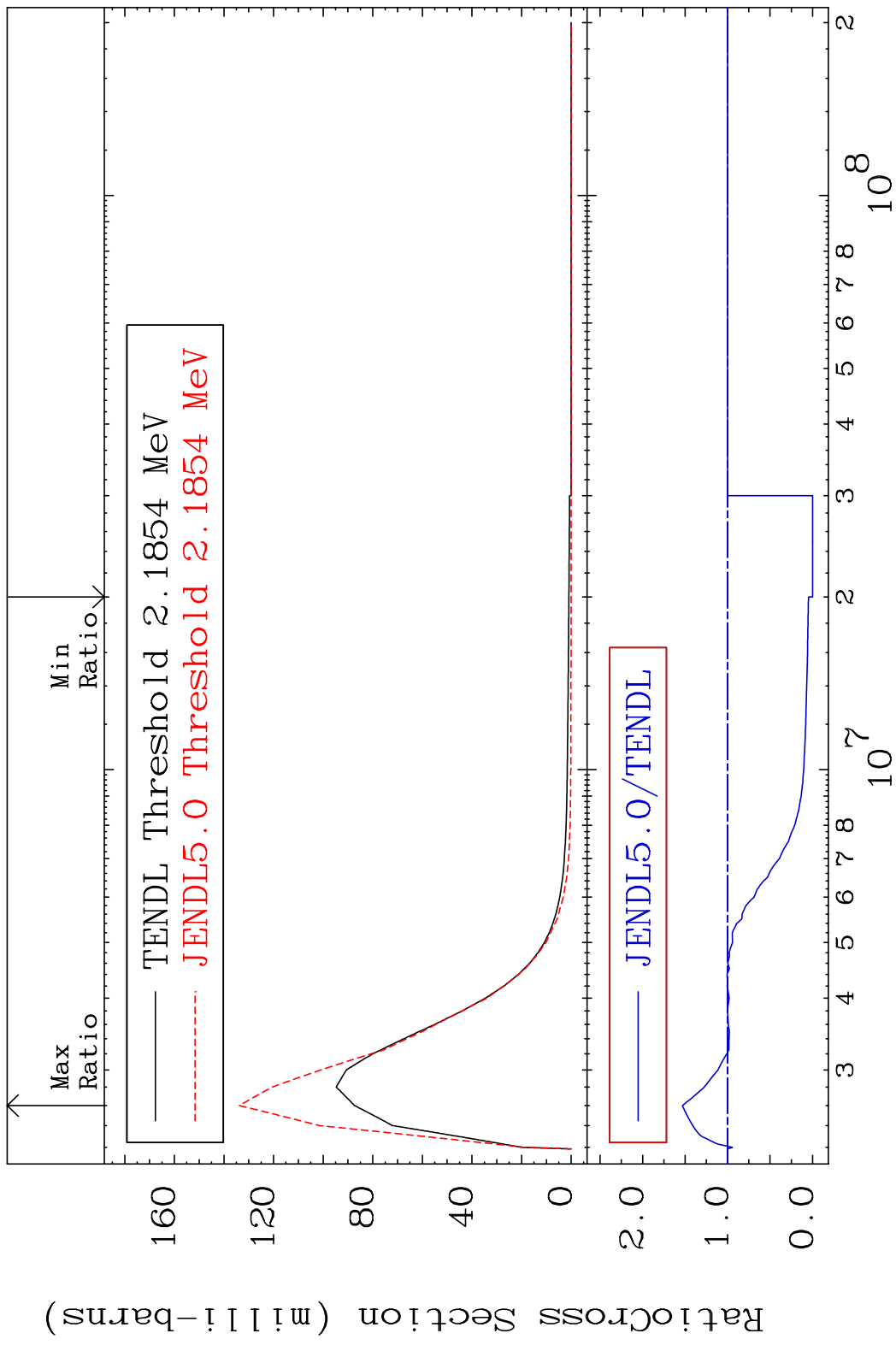


MAT 5449 MT= 61 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %

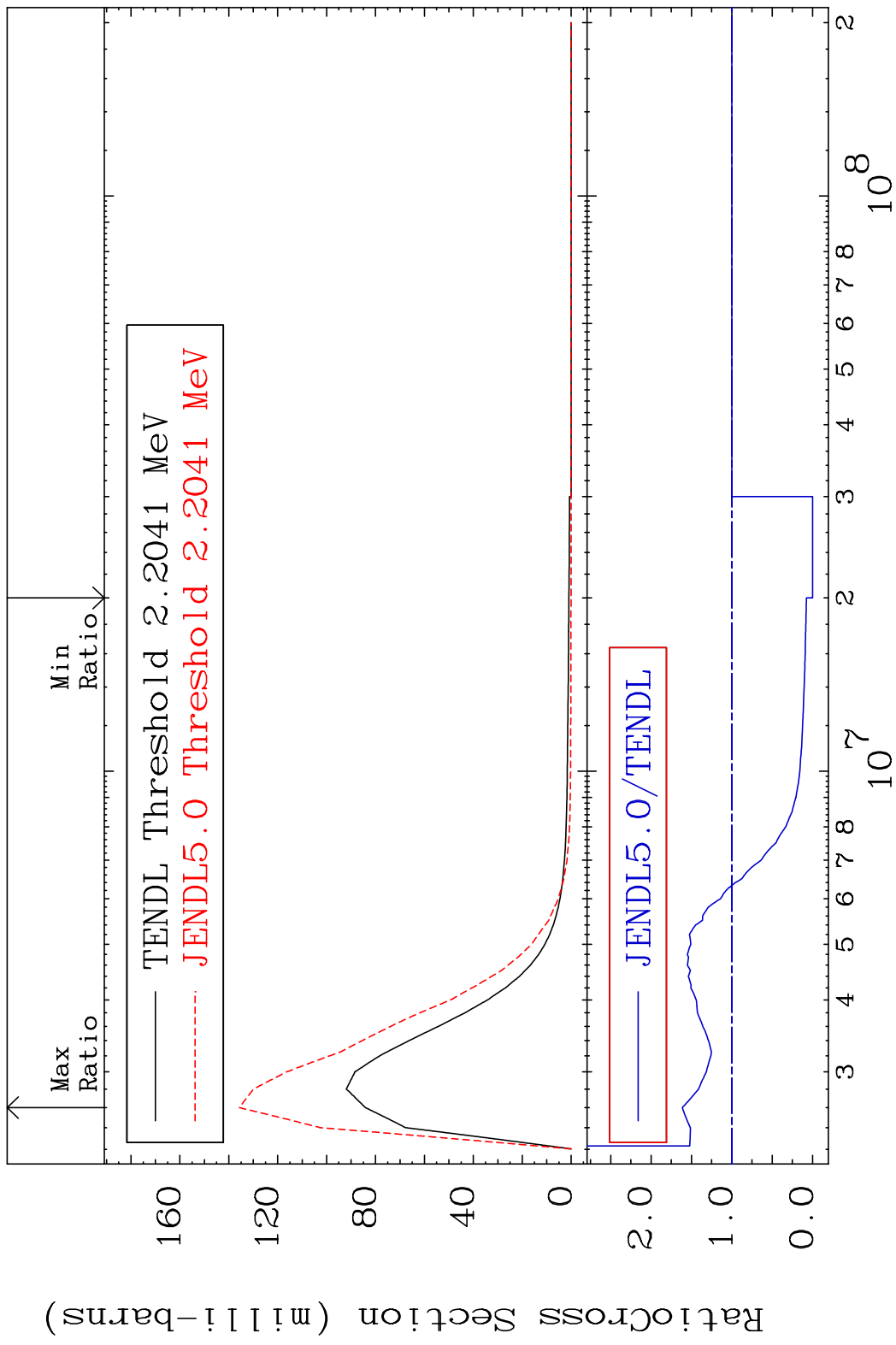


20 54-Xe-132

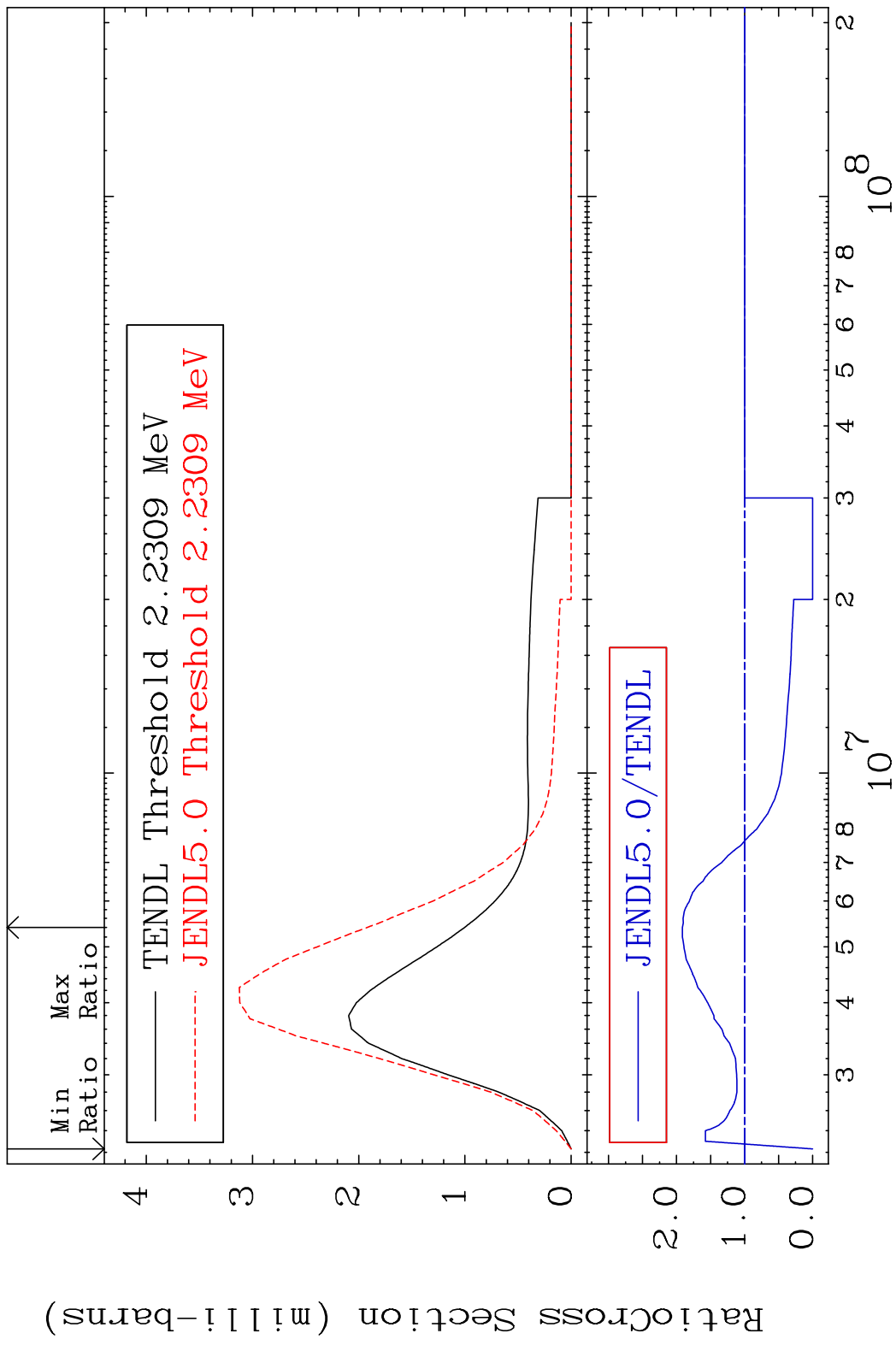
MAT 5449 MT= 62 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 53.22 %



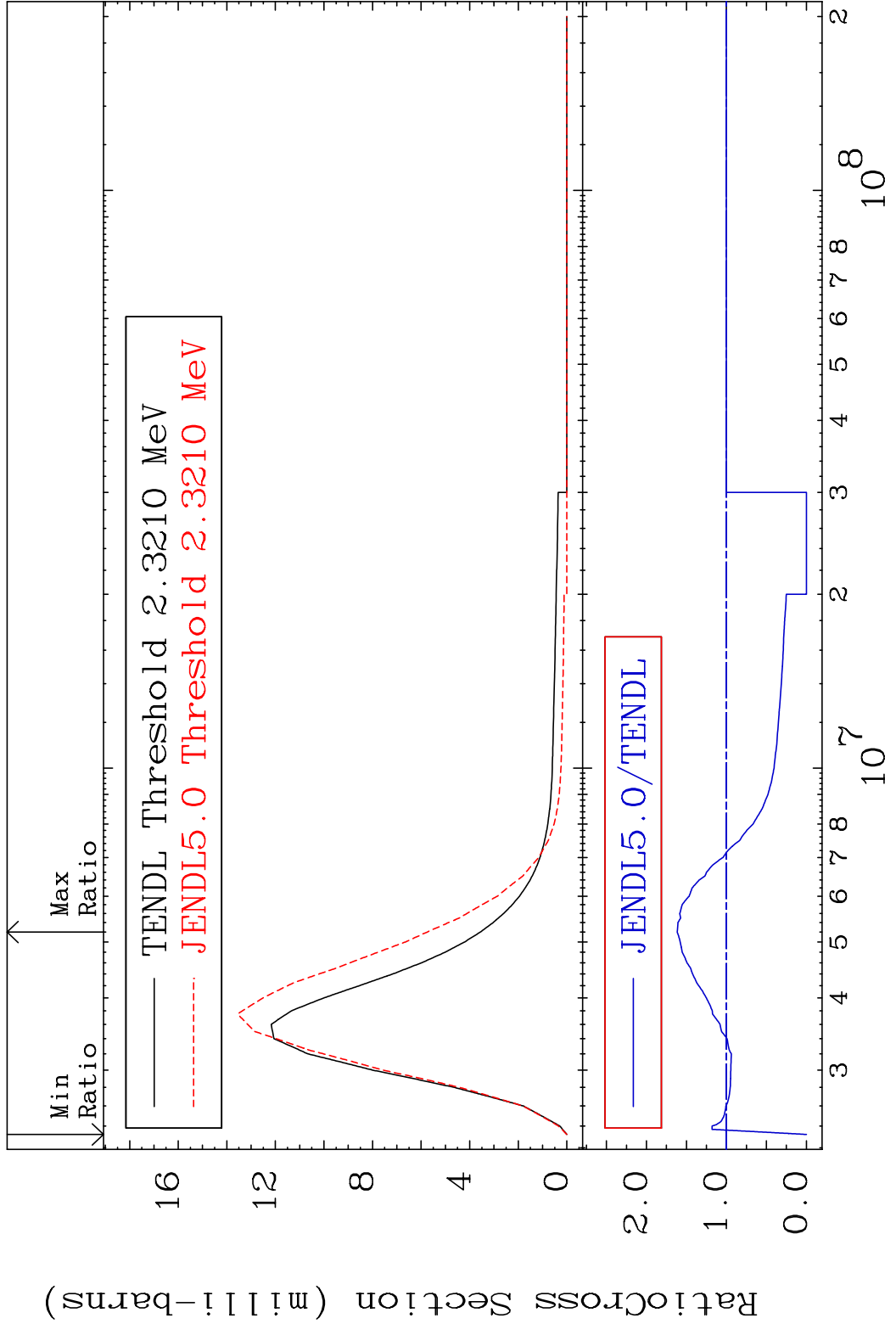
MAT 5449 MT= 63 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 61.28 %



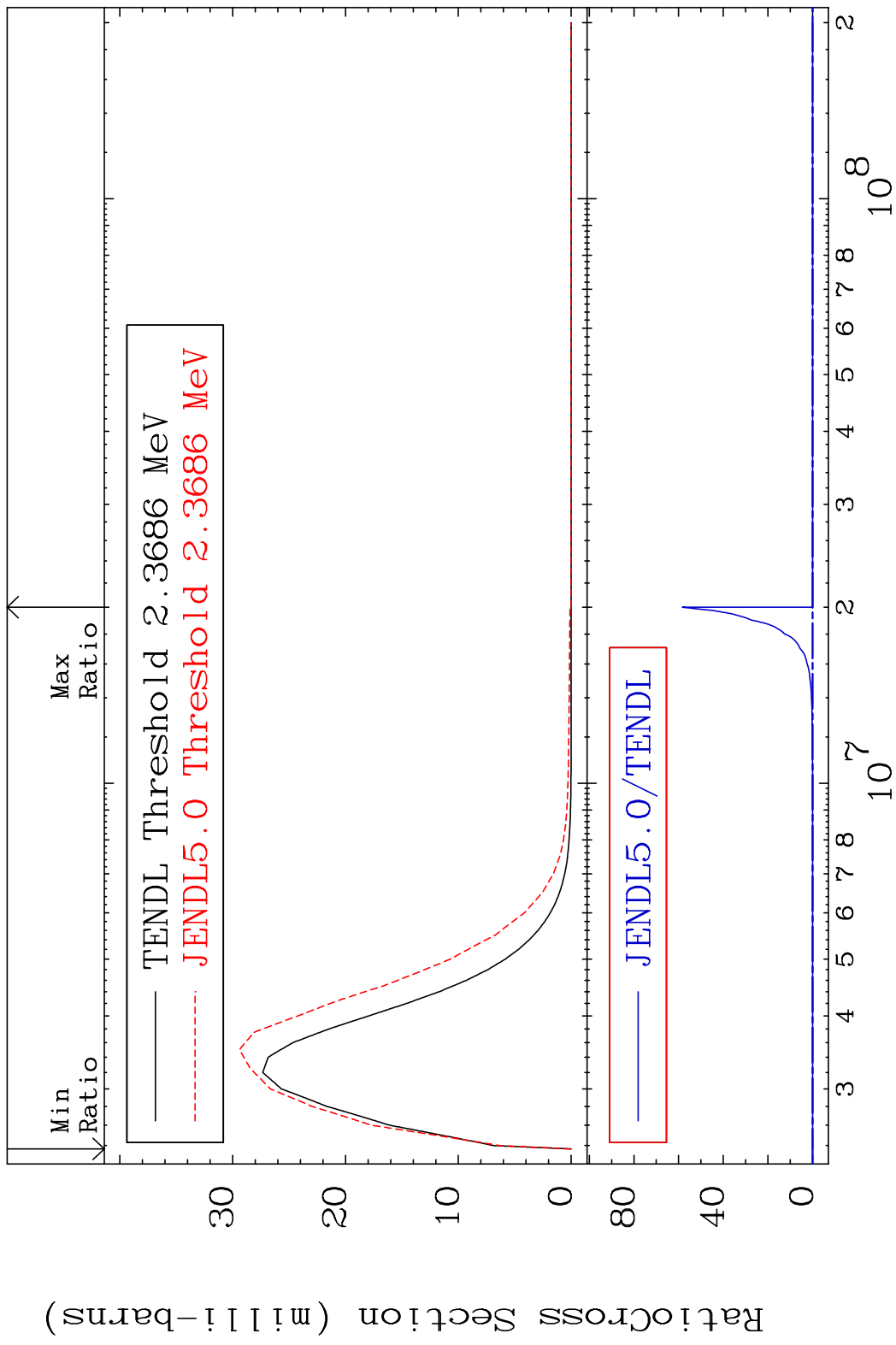
MAT 5449 MT= 64 (n,n') Level 54-Xe-132
 Cross Section -100.0 To 91.48 %



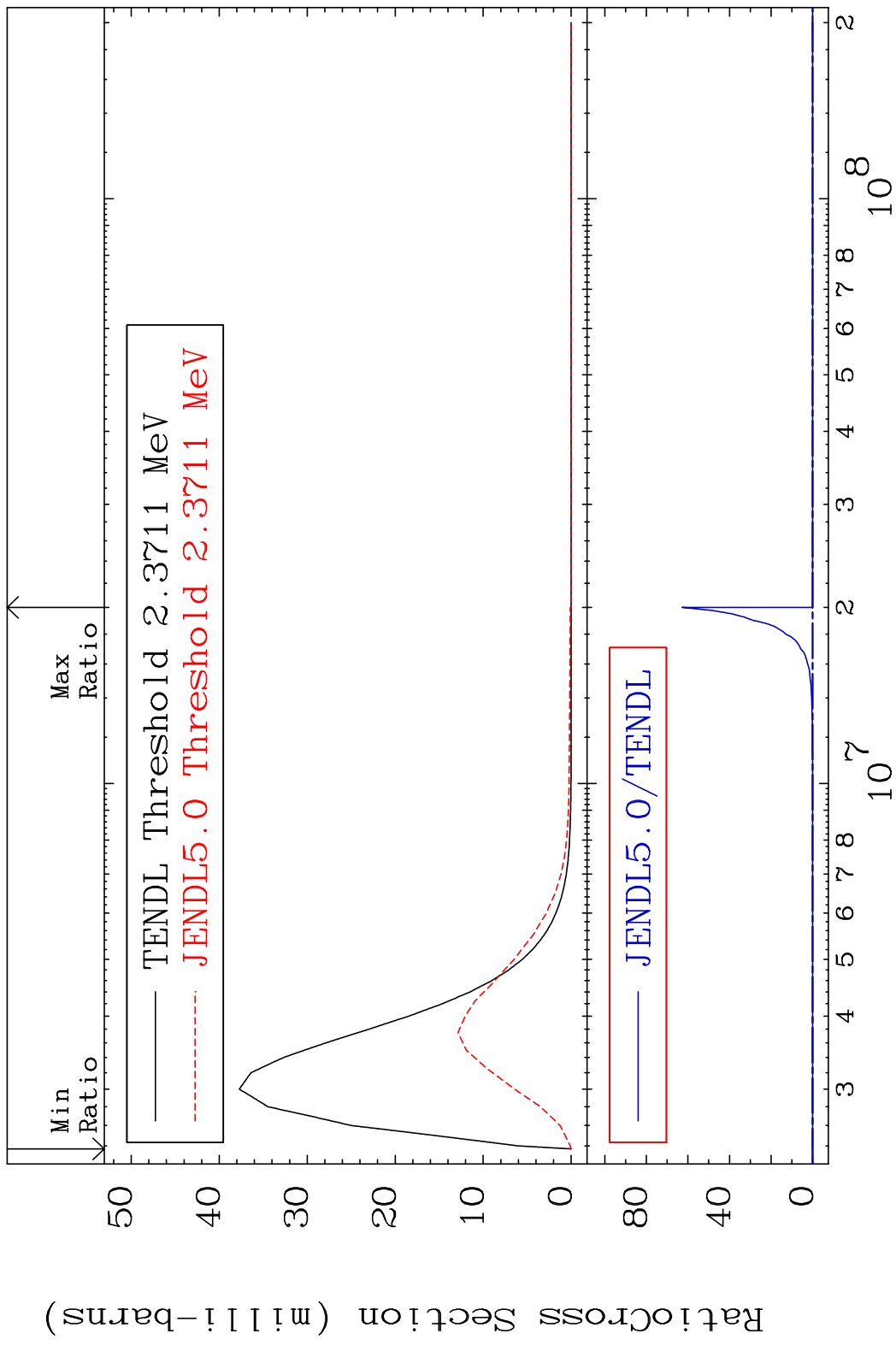
MAT 5449 MT= 65 (n,n') Level 54-Xe-132
 Cross Section -100.0 To 61.58 %



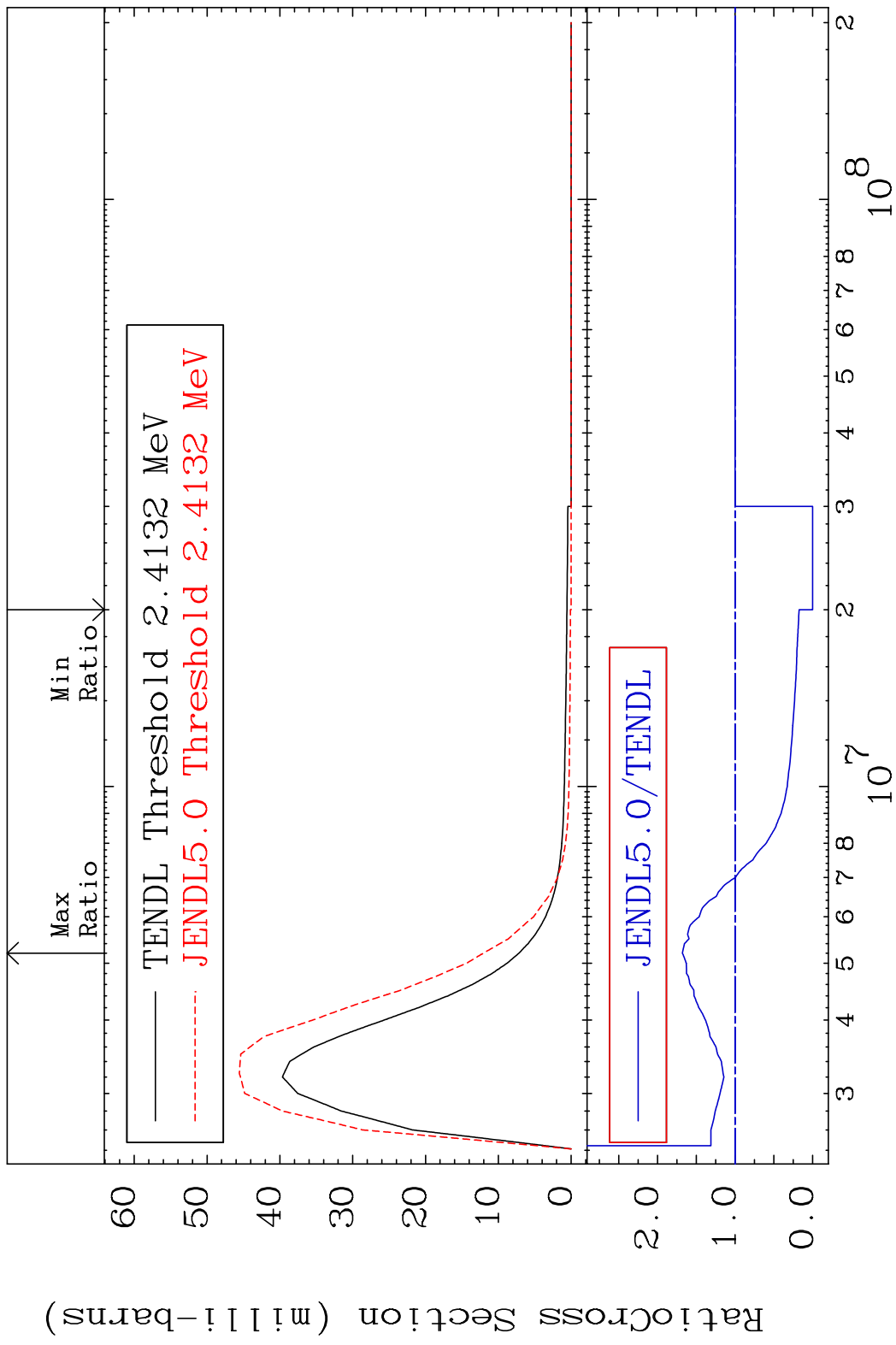
MAT 5449 MT= 66 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %



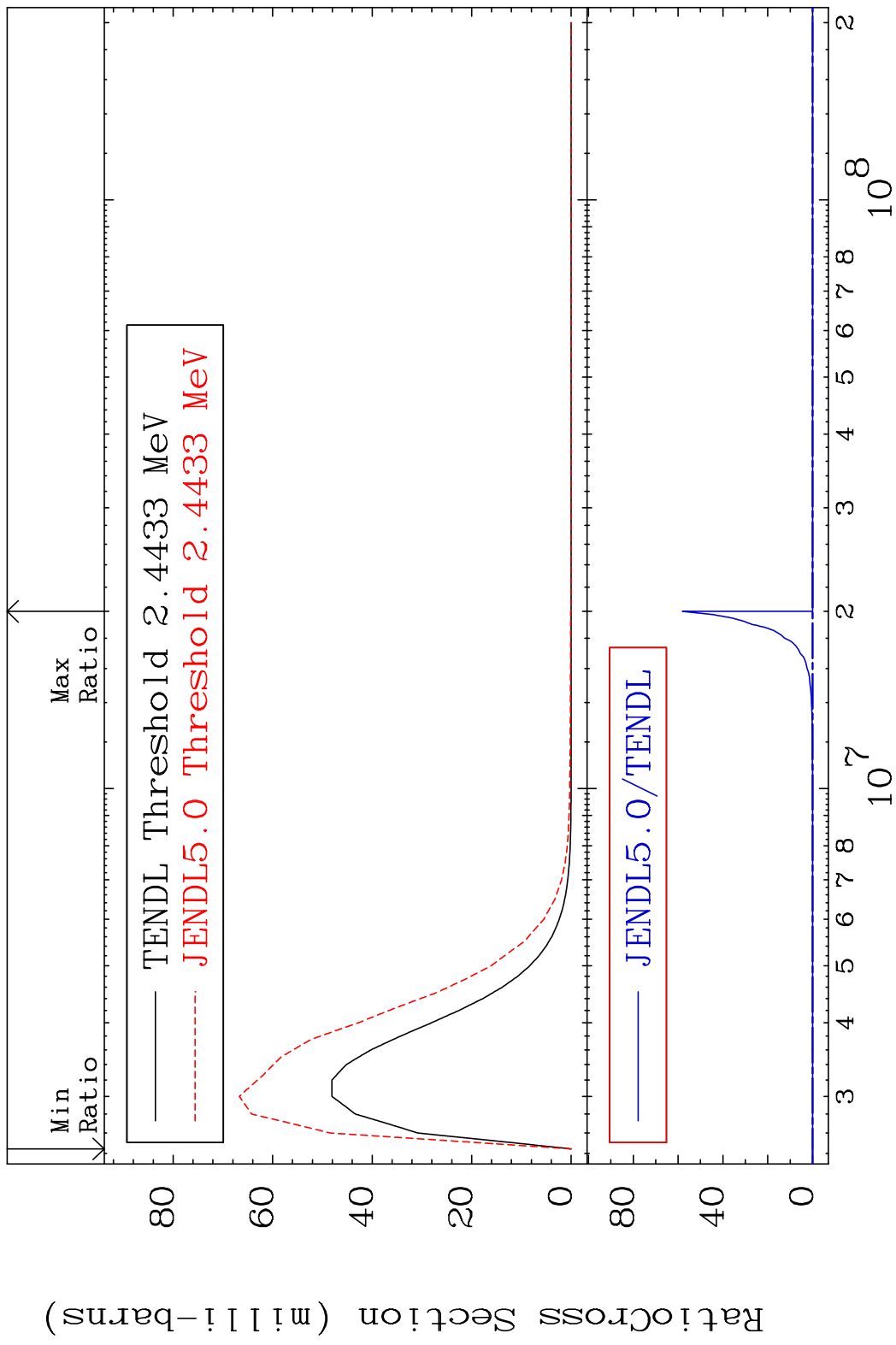
MAT 5449 MT= 67 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %



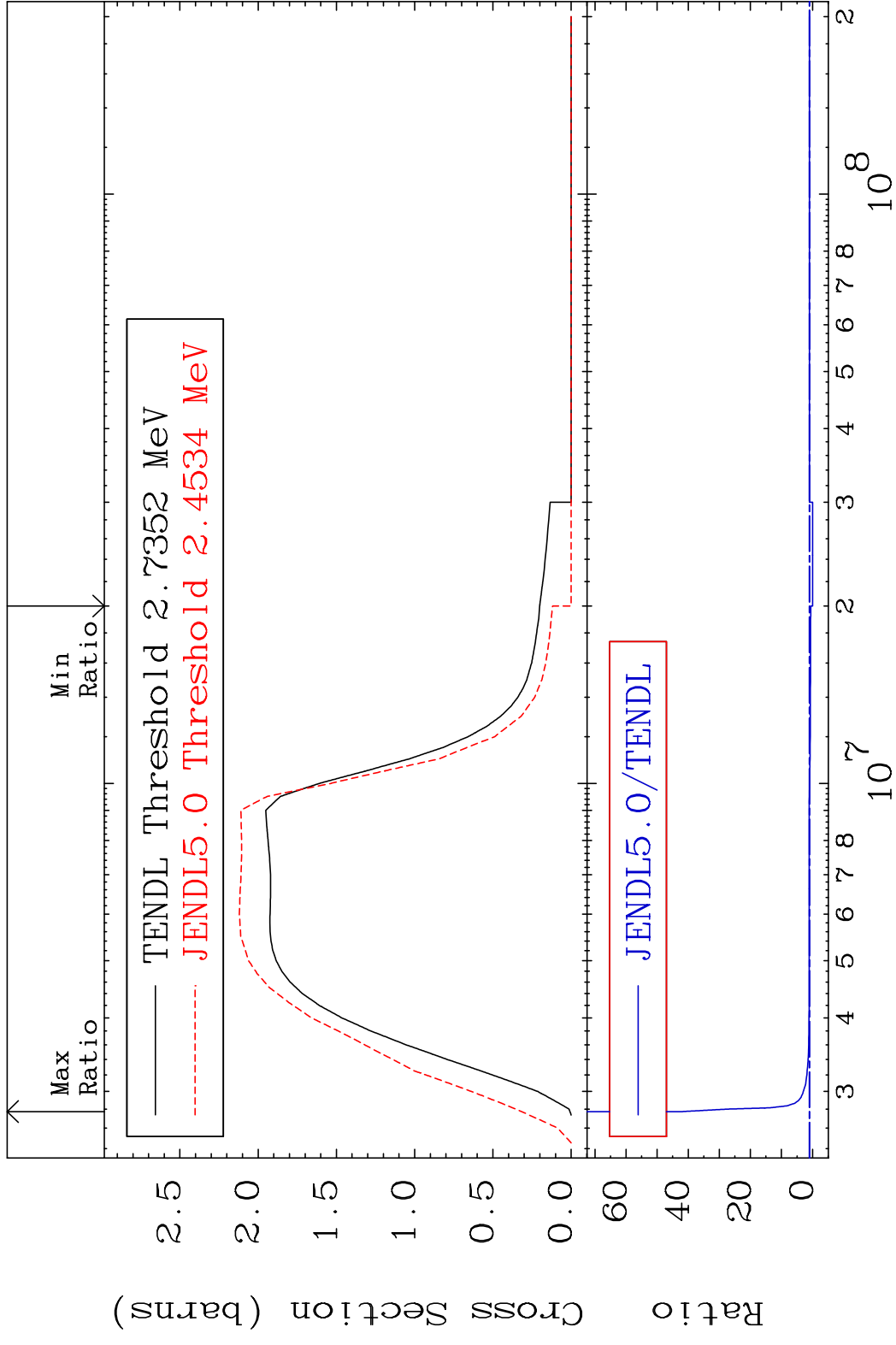
MAT 5449 MT= 68 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 68.01 %



MAT 5449 MT= 69 (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 4089. %

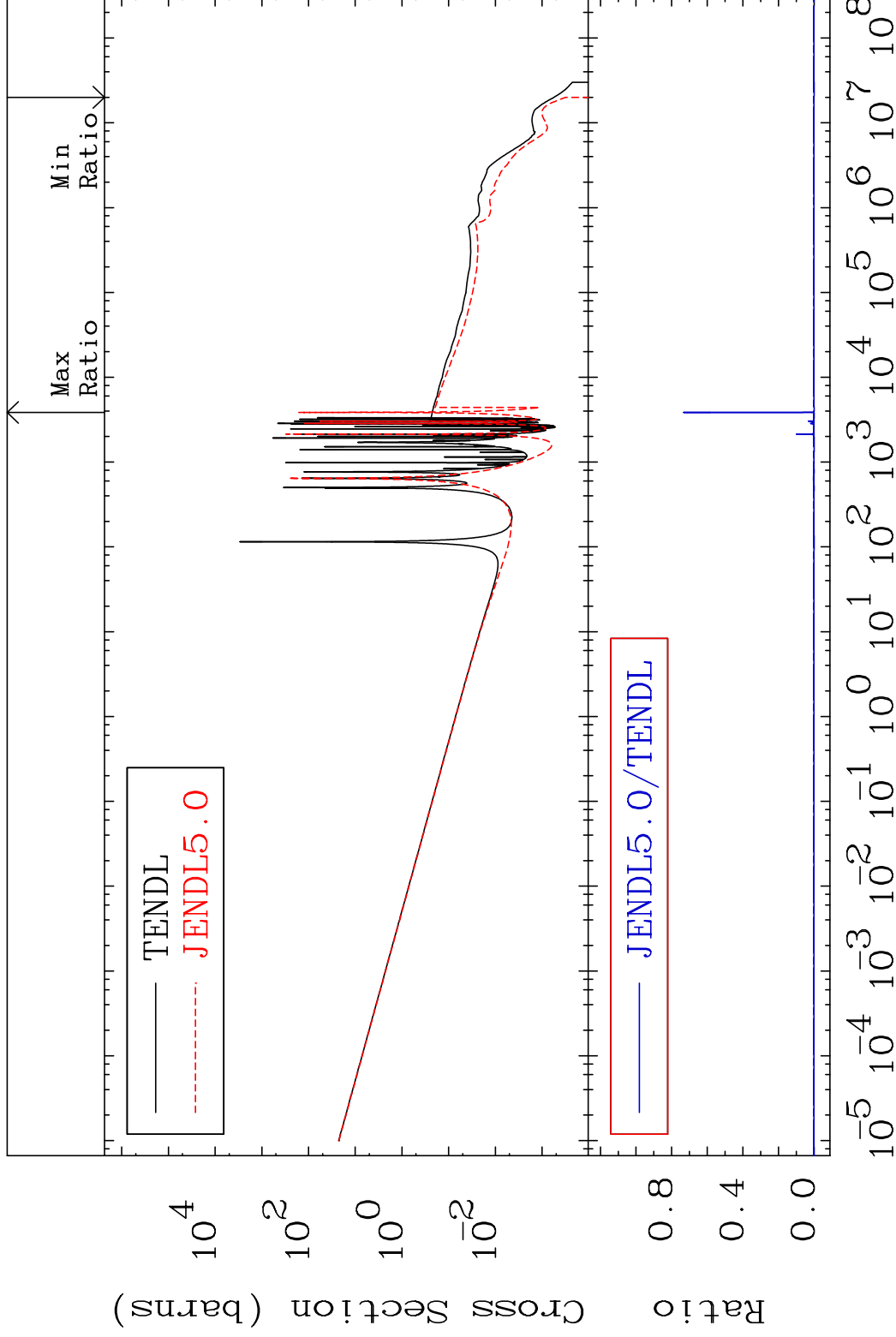


MAT 5449

(n, γ)

54-Xe-132

Cross Section -100.0 To 9999. %

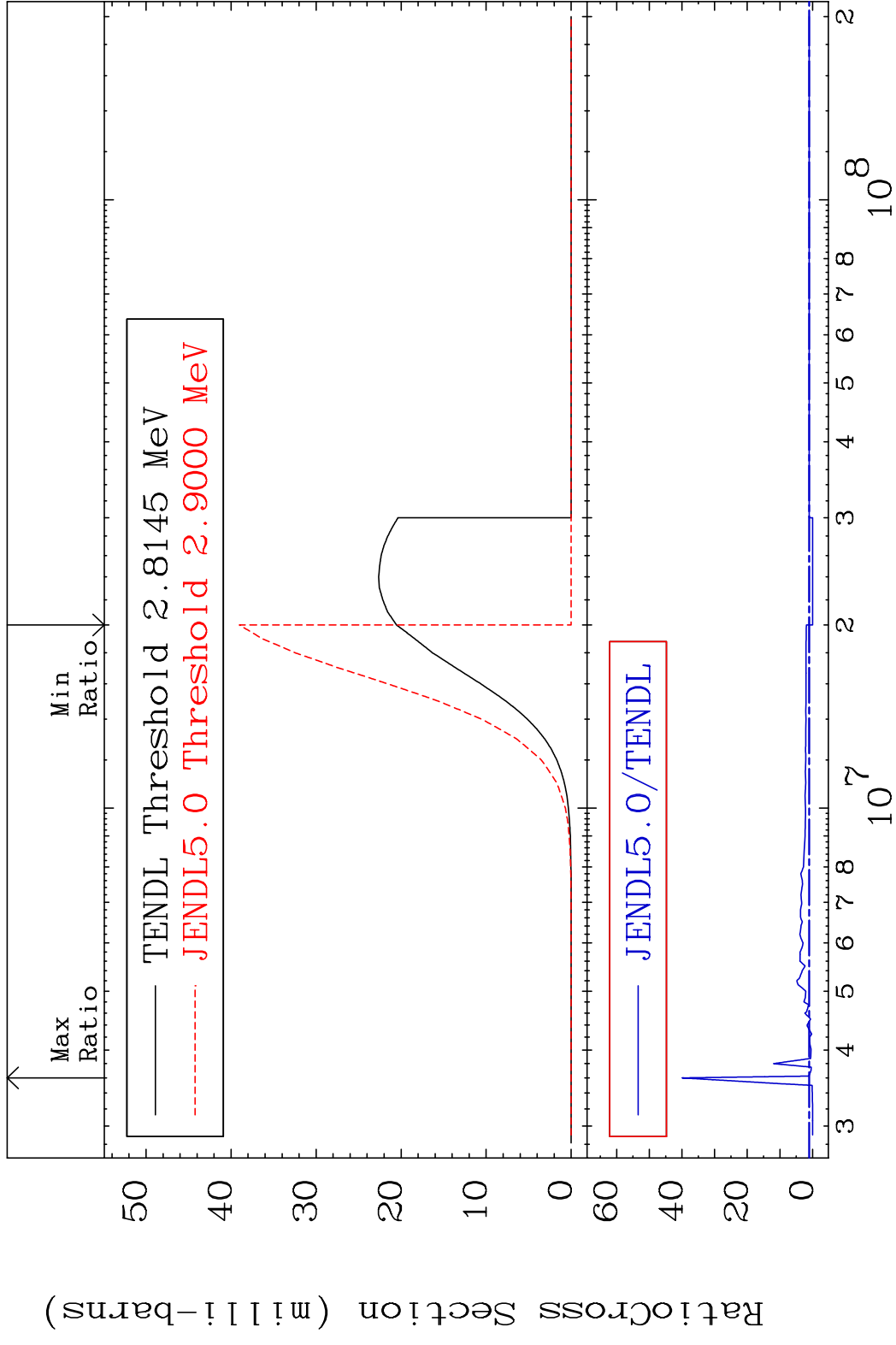


30

Incident Energy (eV)

54-Xe-132

MAT 5449 (n,p) 54-Xe-132
 Cross Section -100.0 To 3888. %

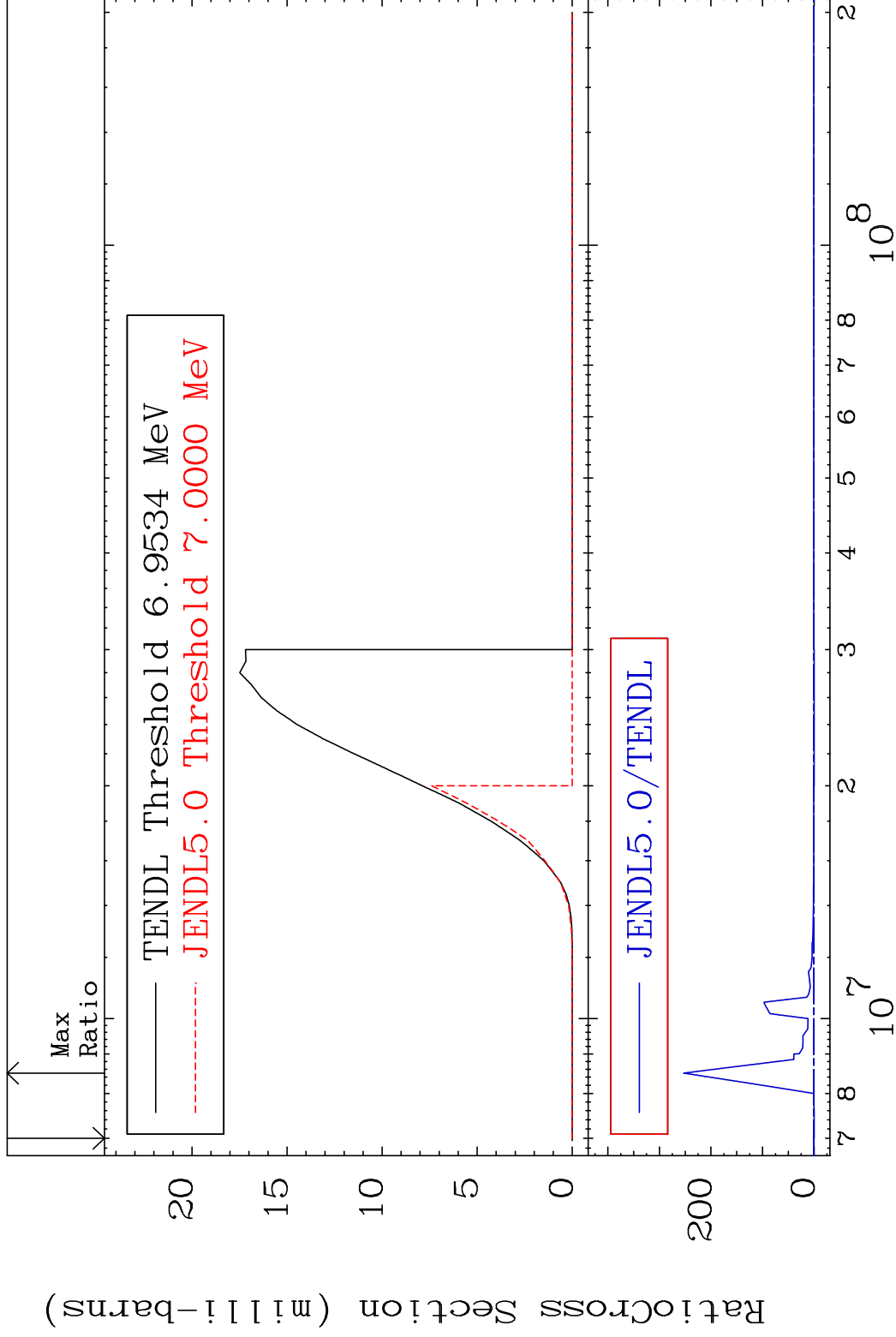


MAT 5449

(n,d)

54-Xe-132

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

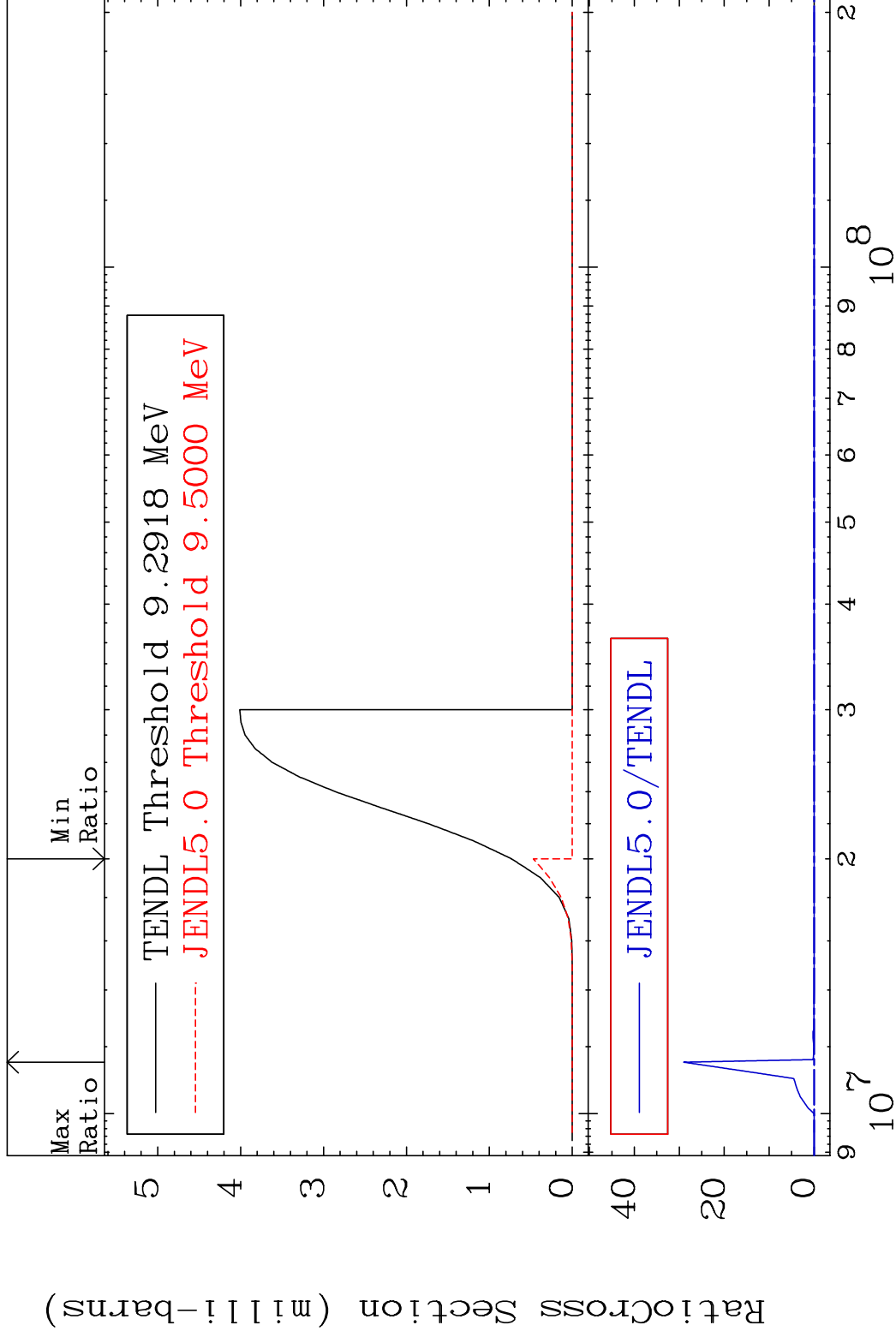
54-Xe-132

MAT 5449

(n, t)

54-Xe-132

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

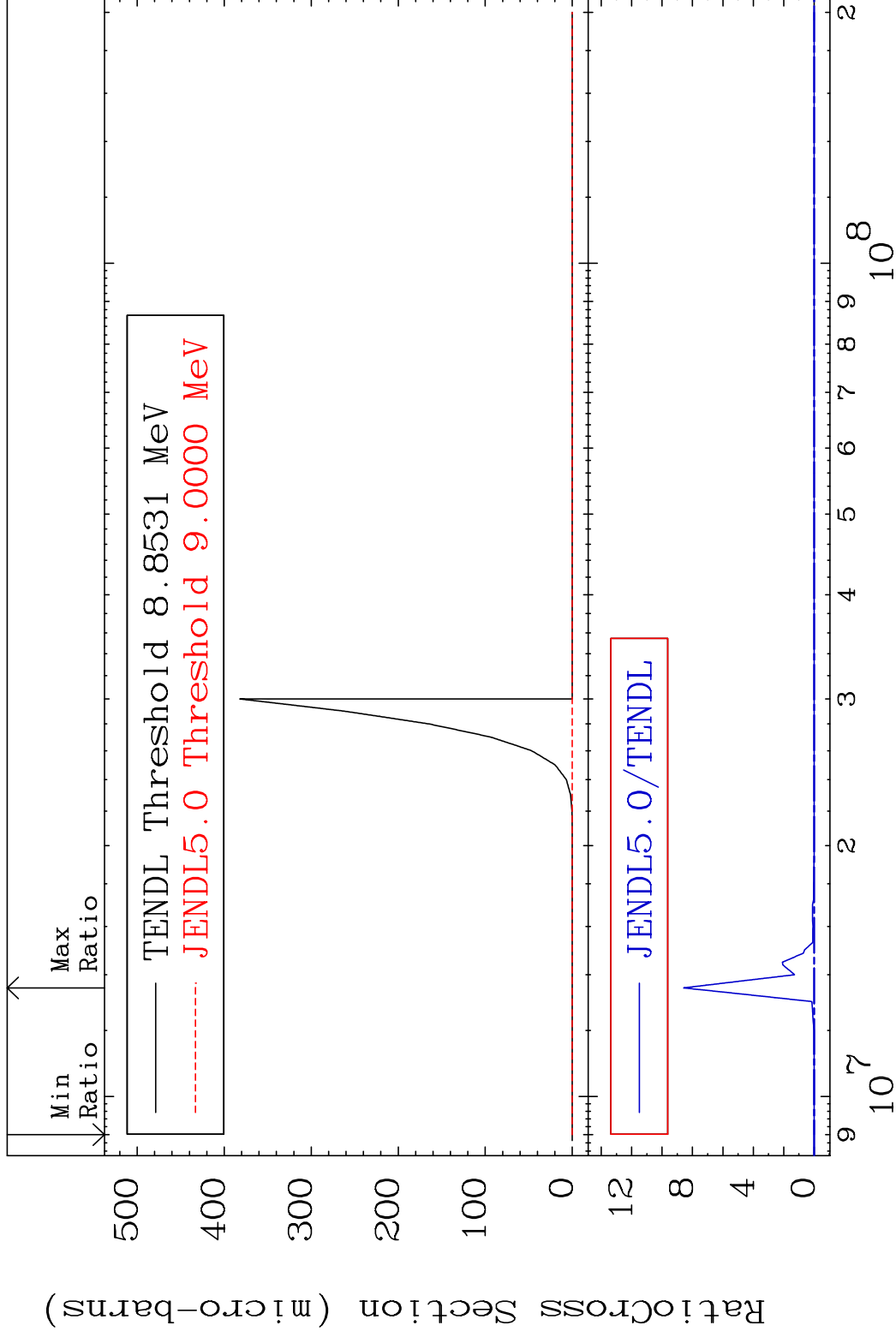
54-Xe-132

MAT 5449

(n, He-3)

54-Xe-132

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

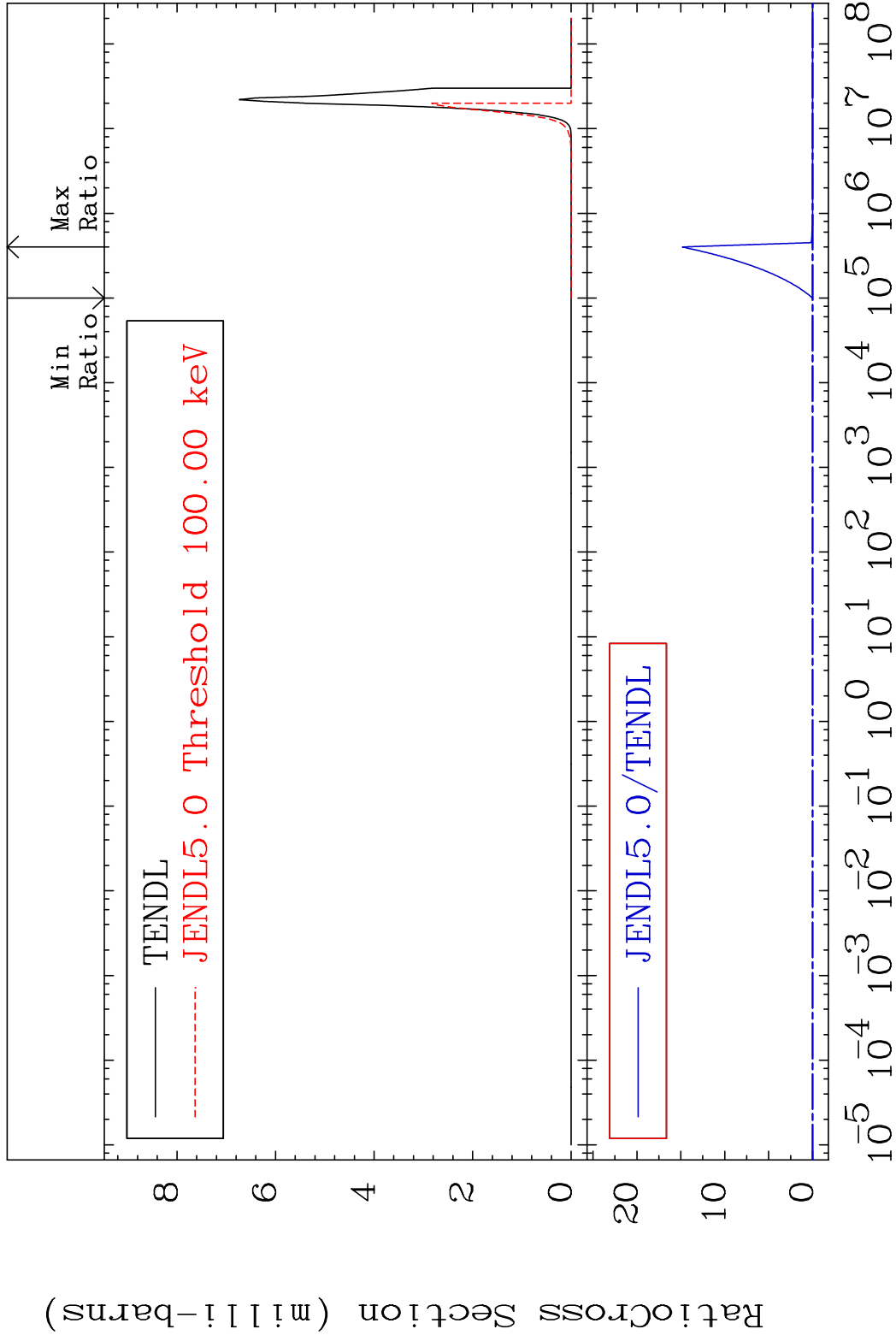
54-Xe-132

MAT 5449

(n, α)

54-Xe-132

Cross Section -100.0 To 9999. %

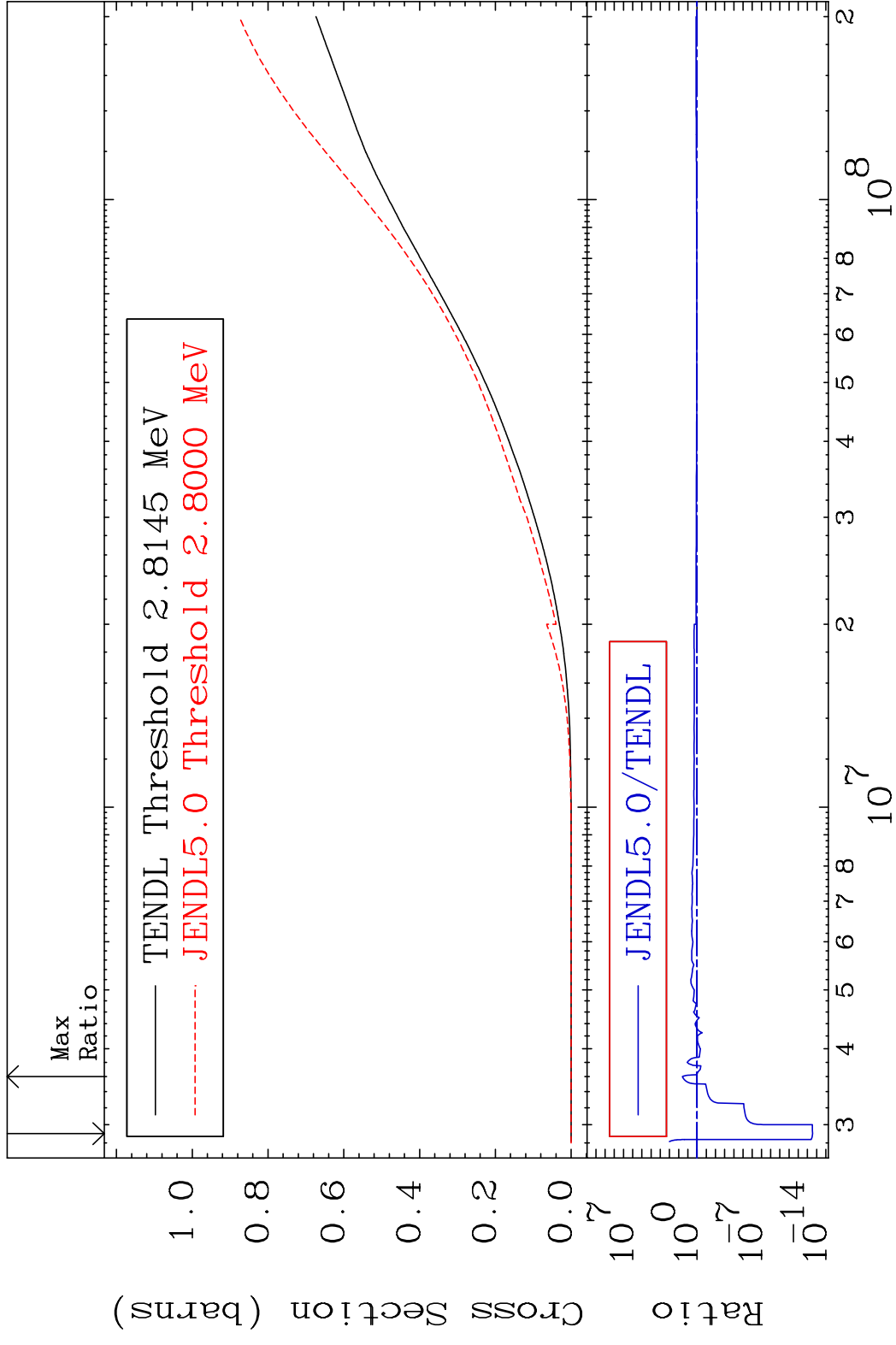


MAT 5449

Hydrogen Production

54-Xe-132

Cross Section -100.0 To 3888. %

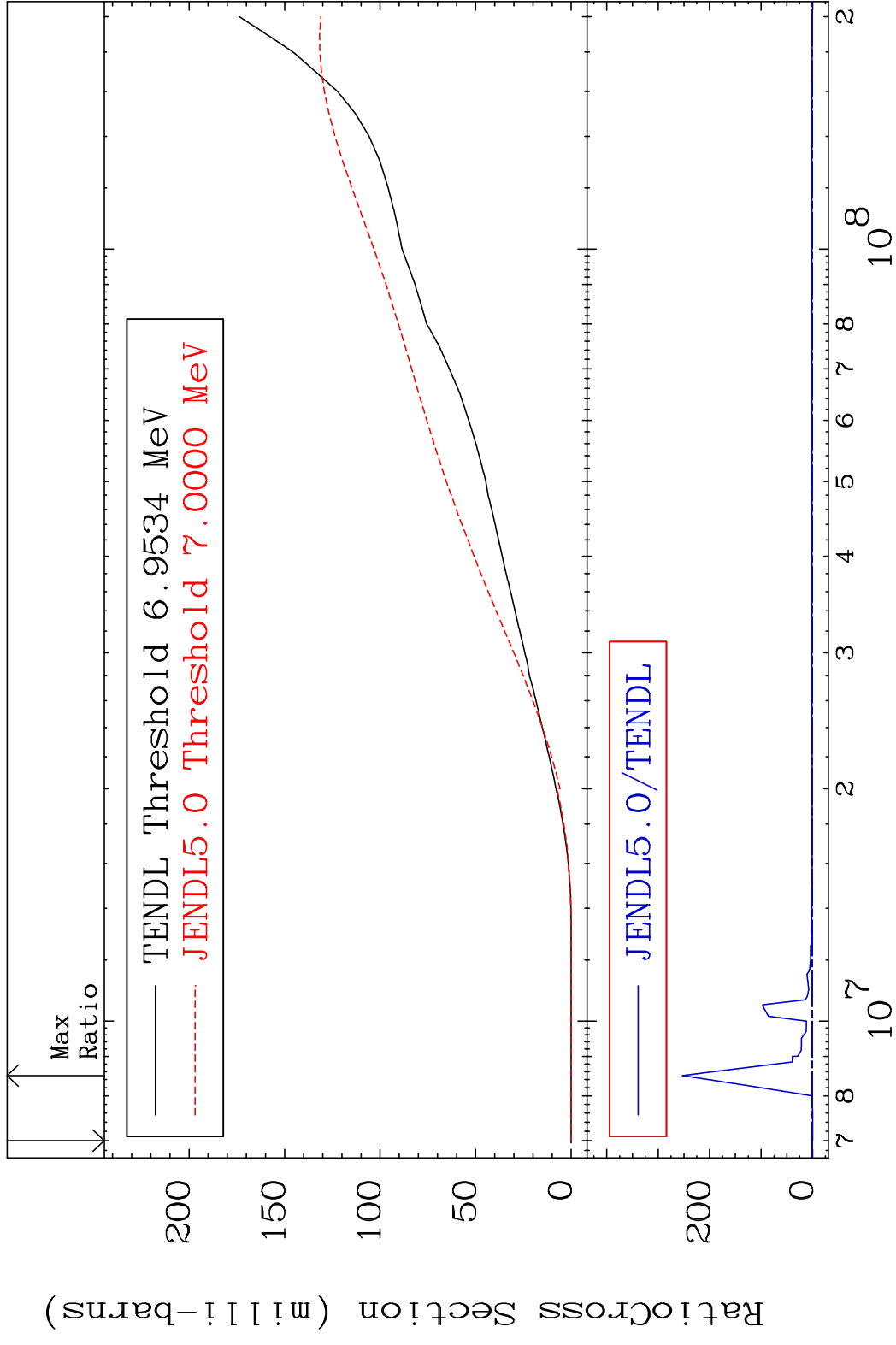


MAT 5449

Deuterium Production

54-Xe-132

Cross Section -100.0 To 9999. %

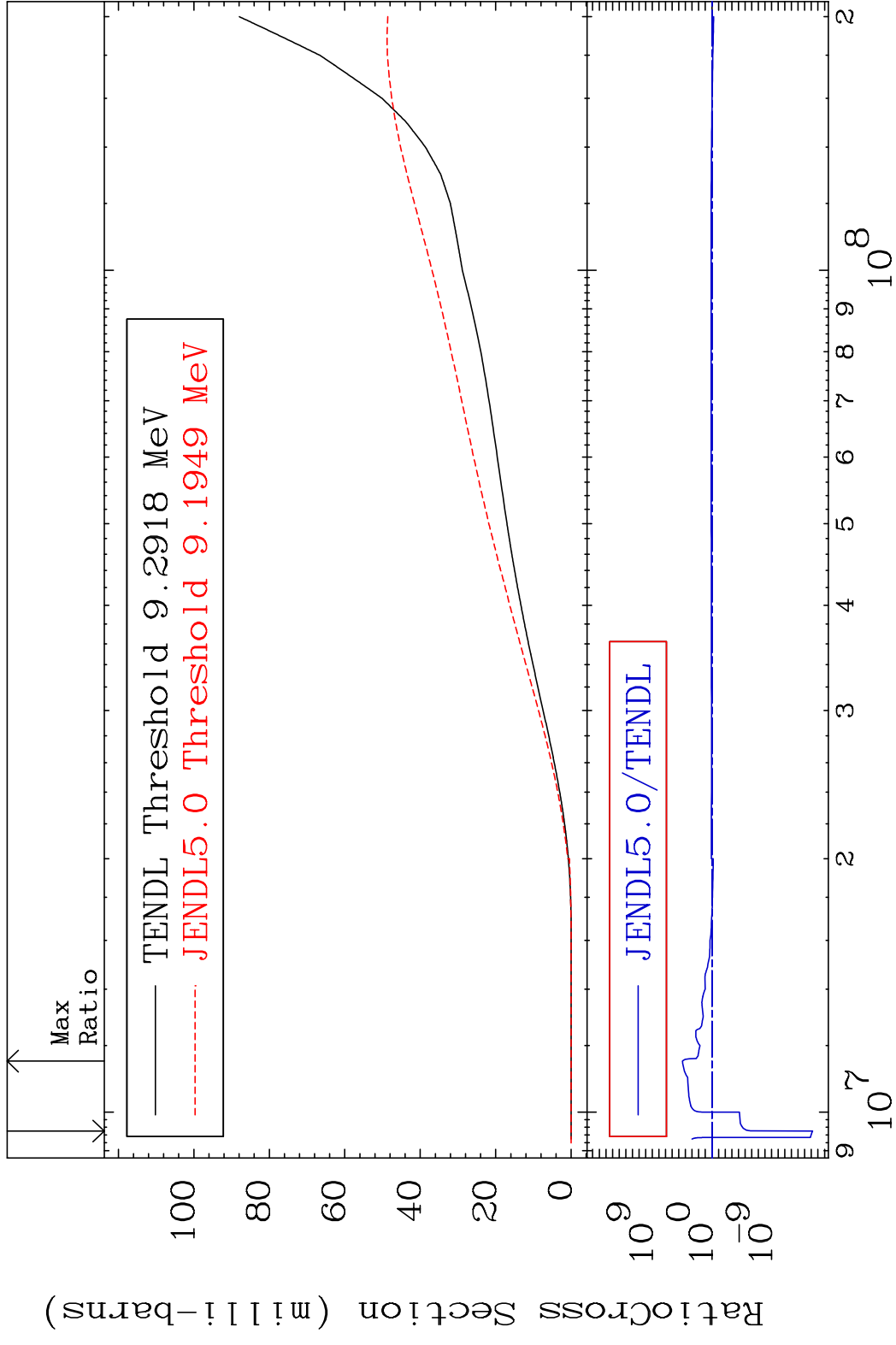


MAT 5449

Tritium Production

54-Xe-132

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

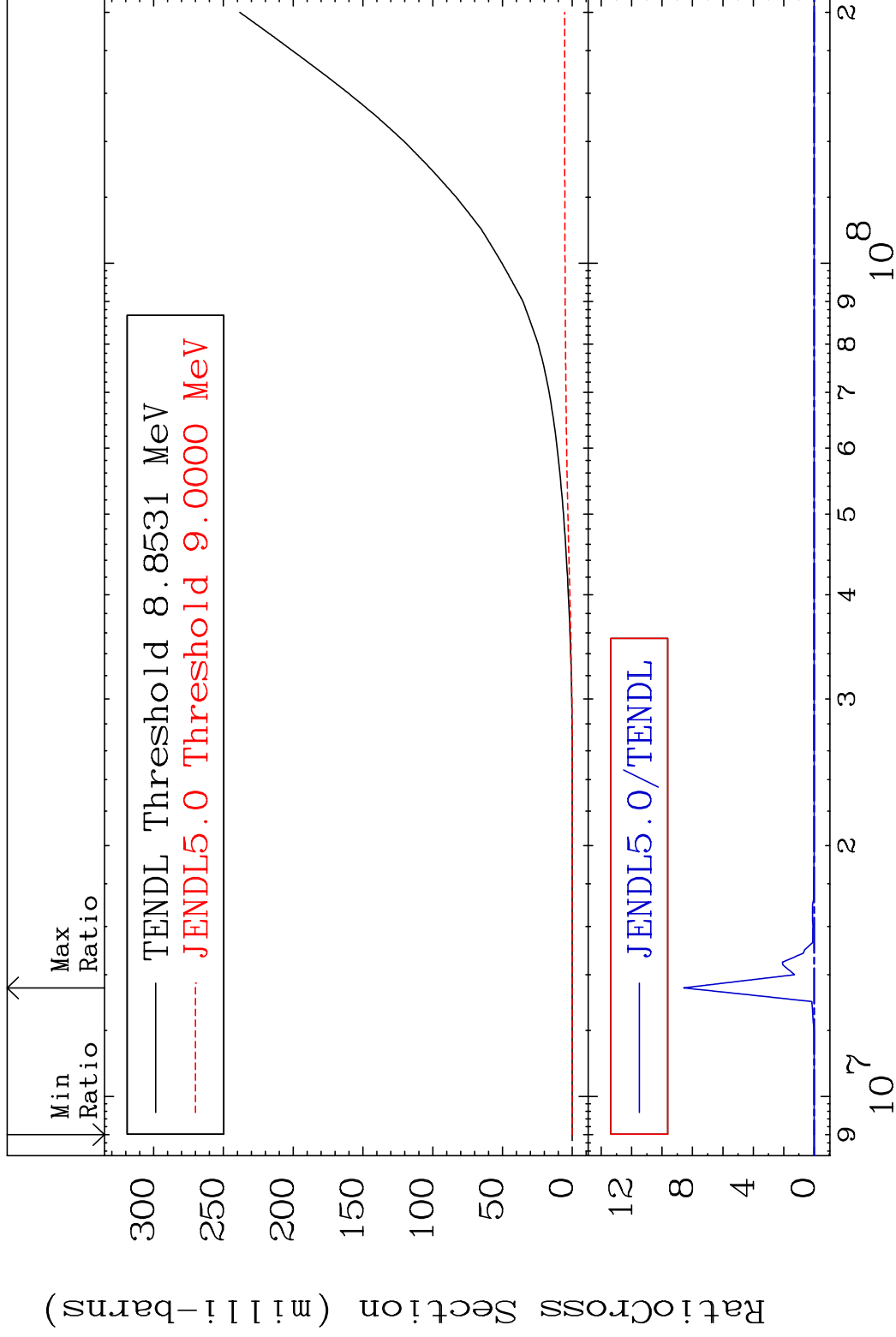
54-Xe-132

MAT 5449

He-3 Production

54-Xe-132

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

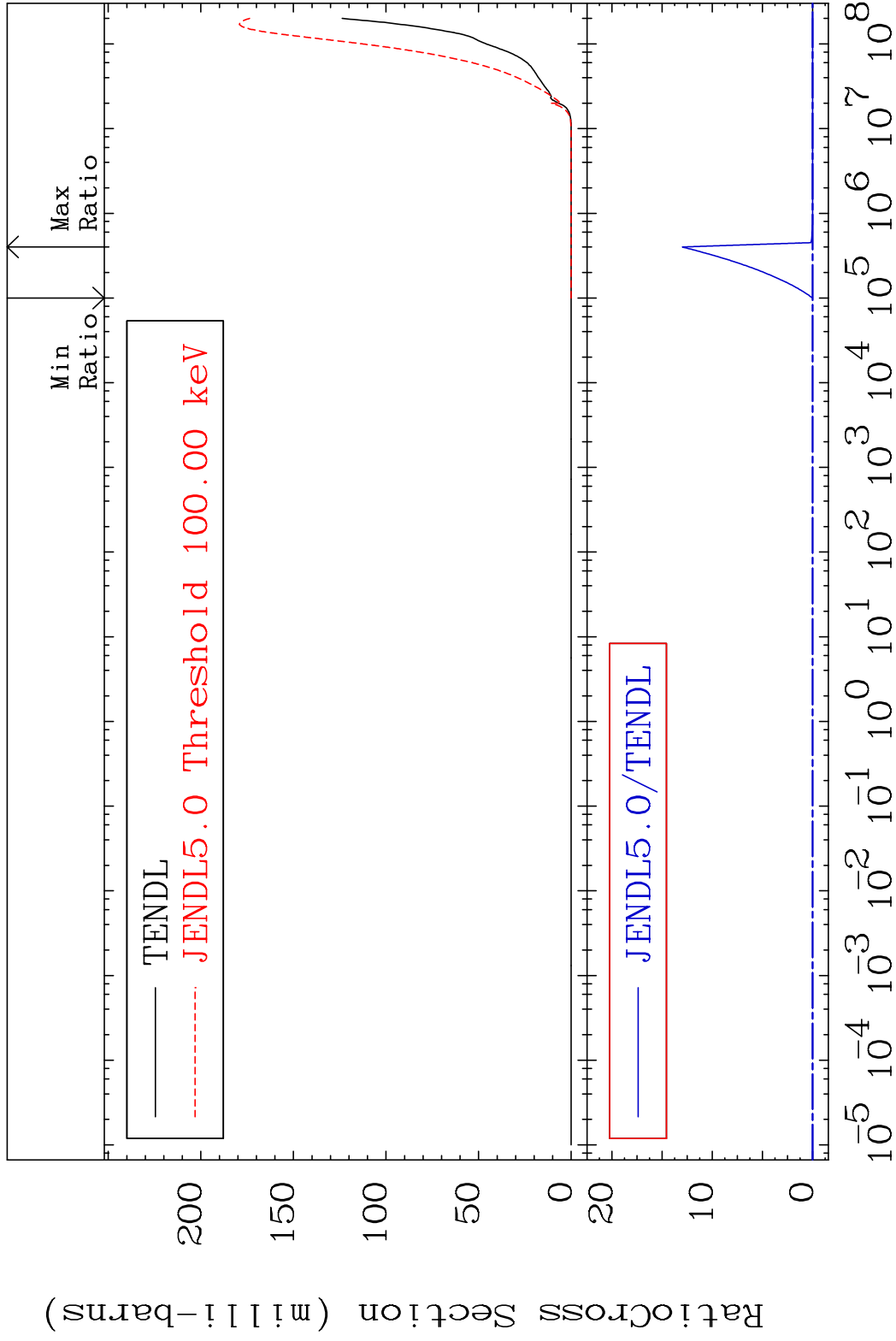
54-Xe-132

MAT 5449

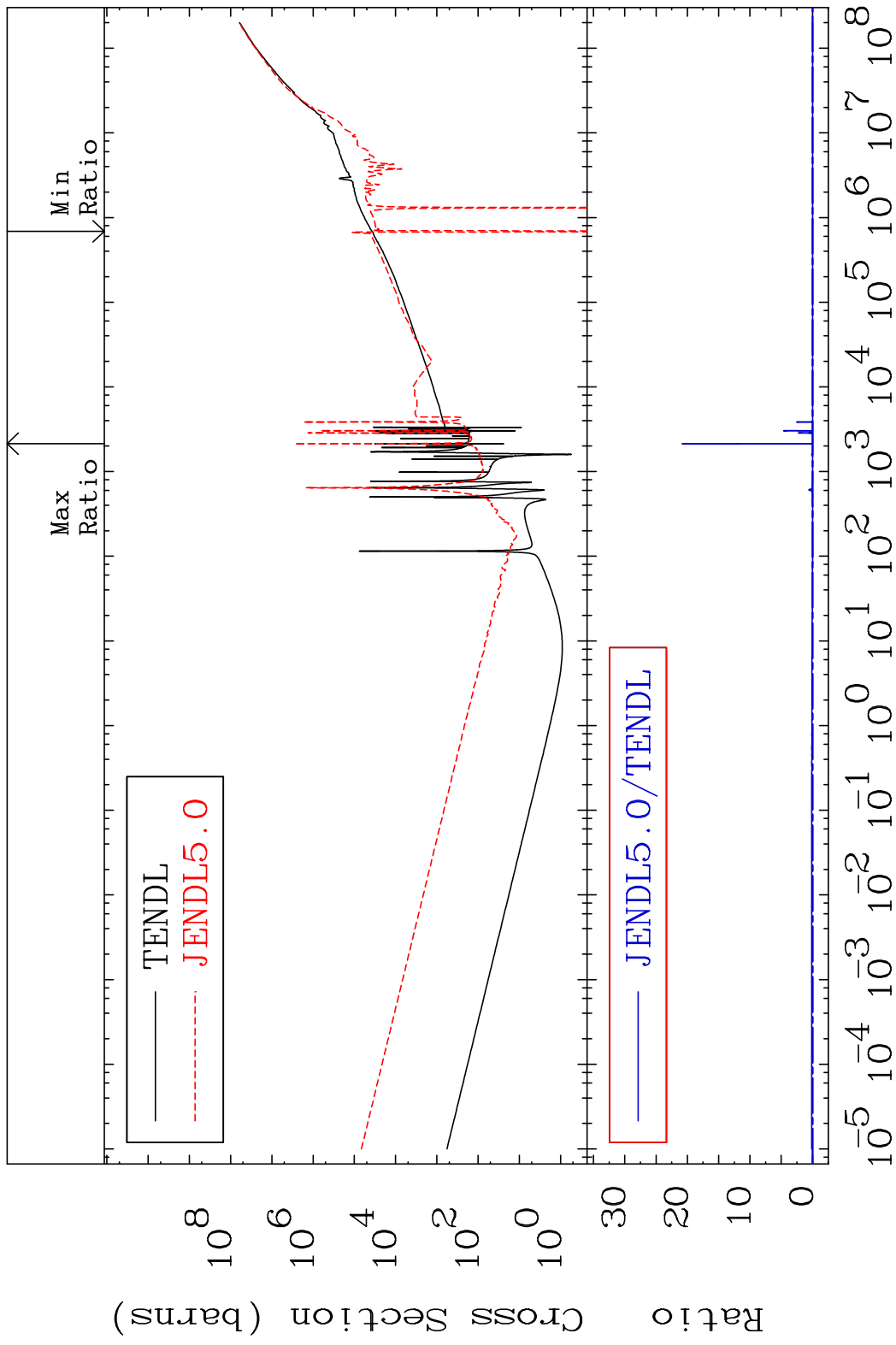
He-4 Production

54-Xe-132

Cross Section -100.0 To 9999. %



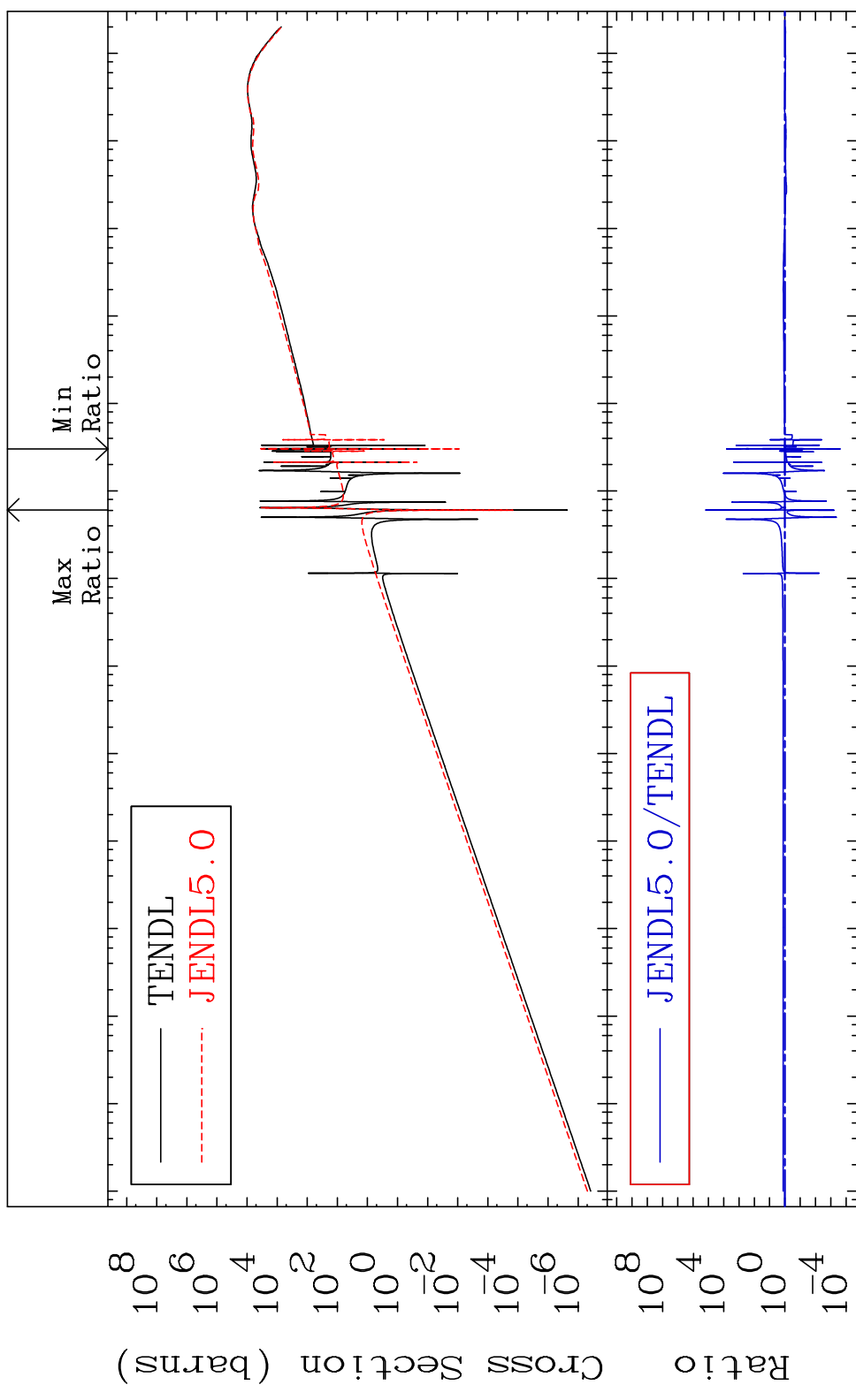
MAT 5449 Kerma total (eV-barns) 54-Xe-132
 Cross Section -264.6 To 9999. %



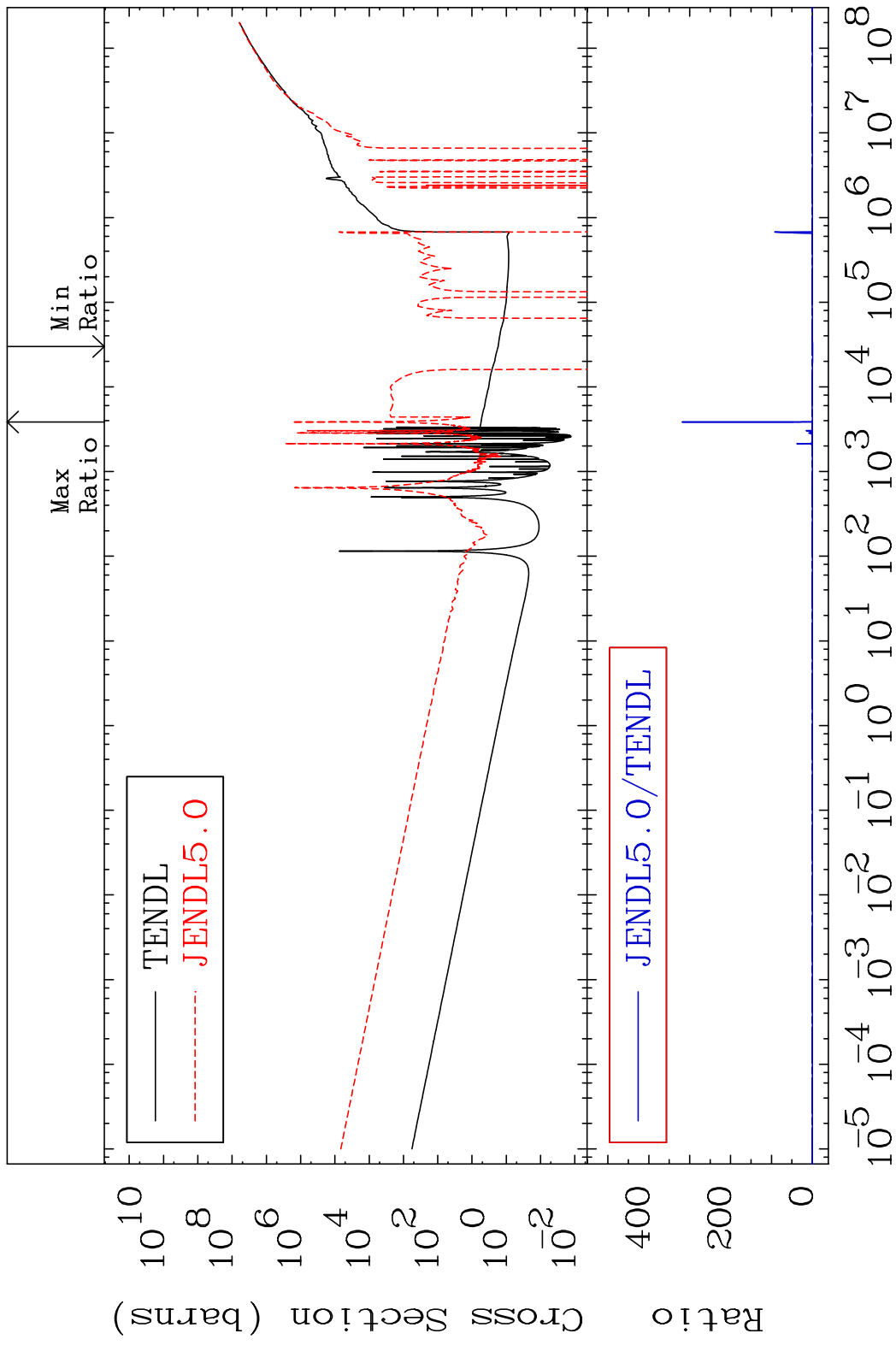
41 Incident Energy (eV) 54-Xe-132

MAT 5449

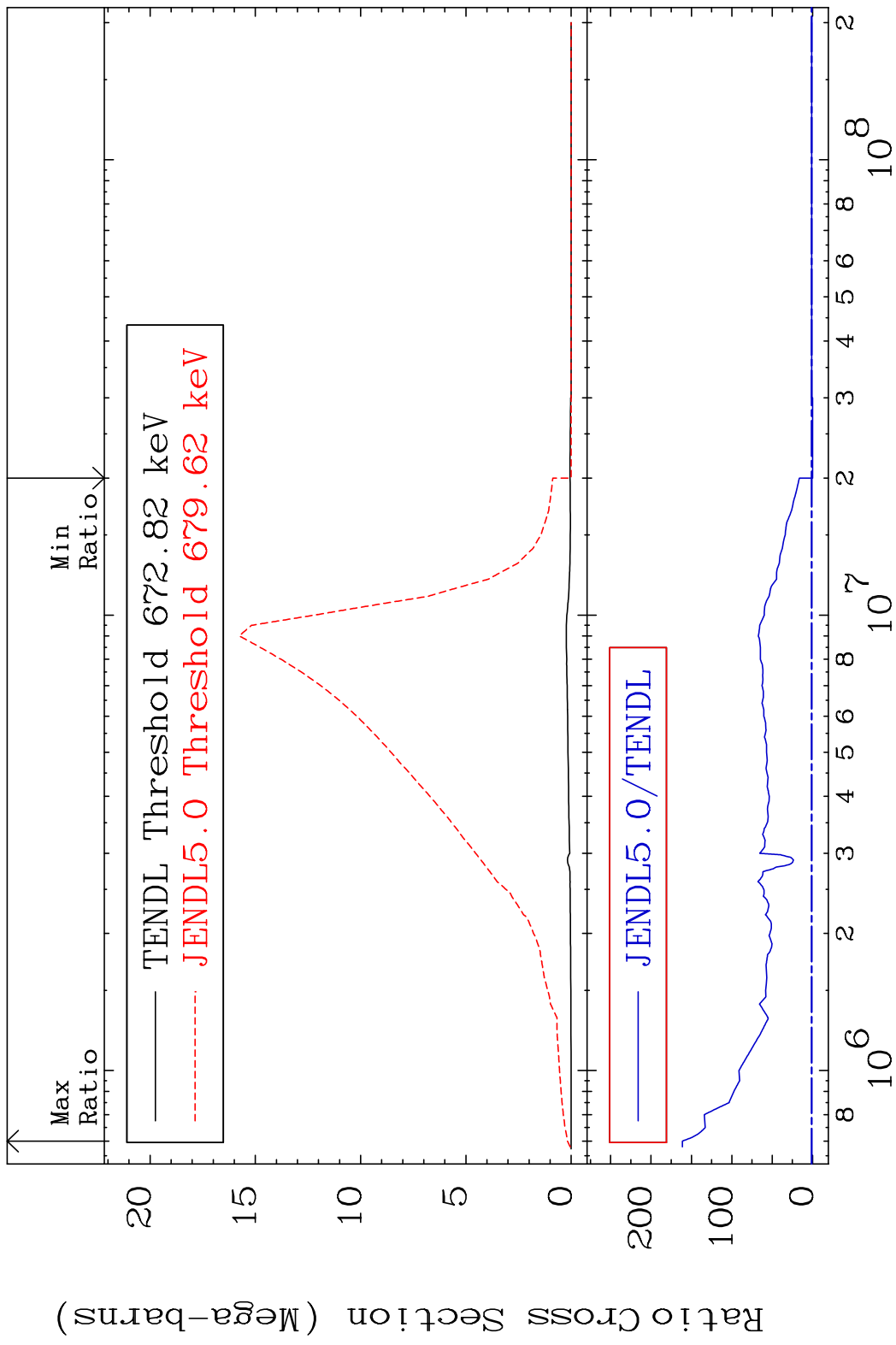
Kerma elastic Cross Section -99.98 To 9999. %
54-Xe-132



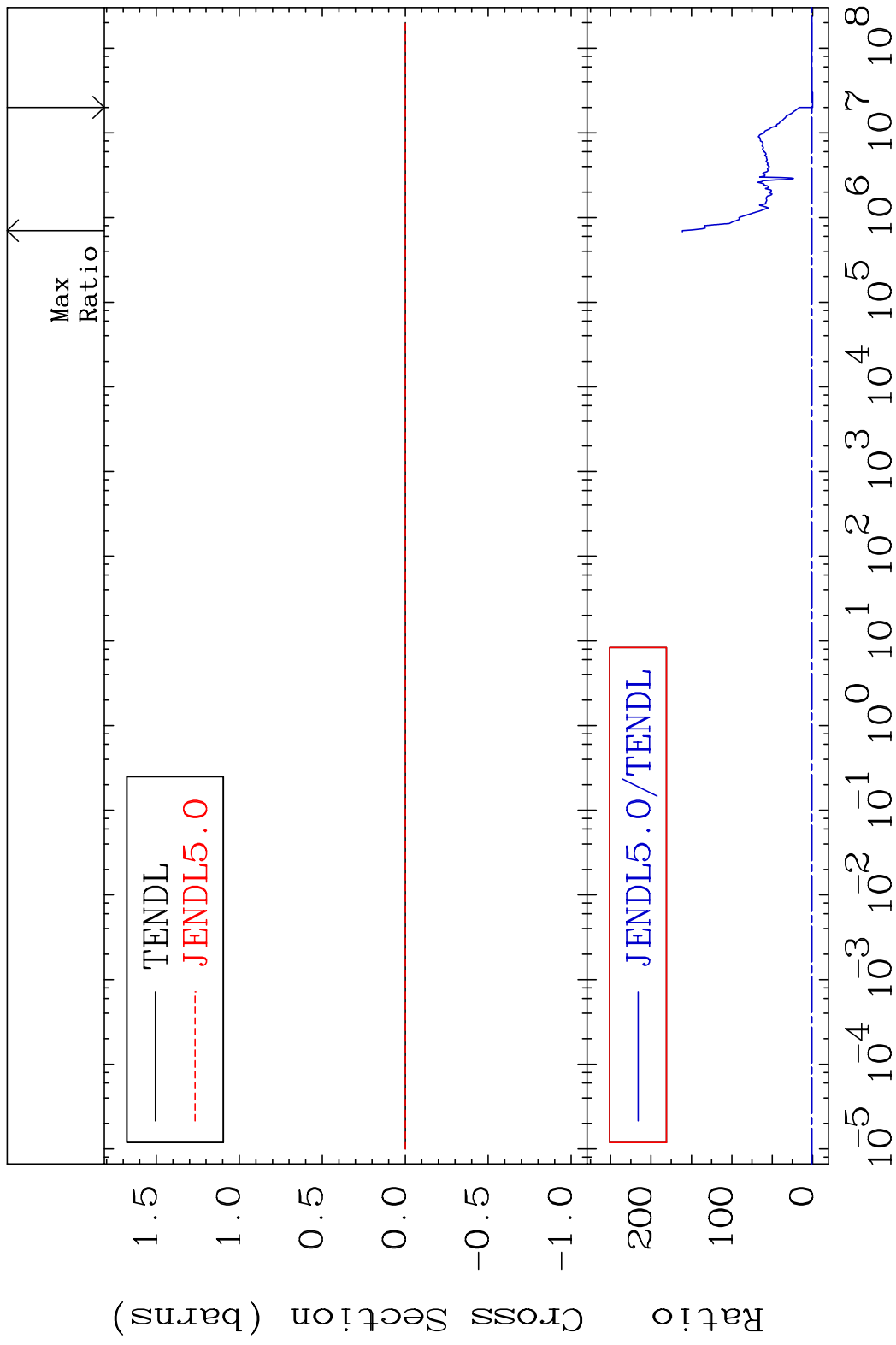
MAT 5449 Kerma non-elastic (all but mt2) 54-Xe-132
 Cross Section -9999. To 9999. %



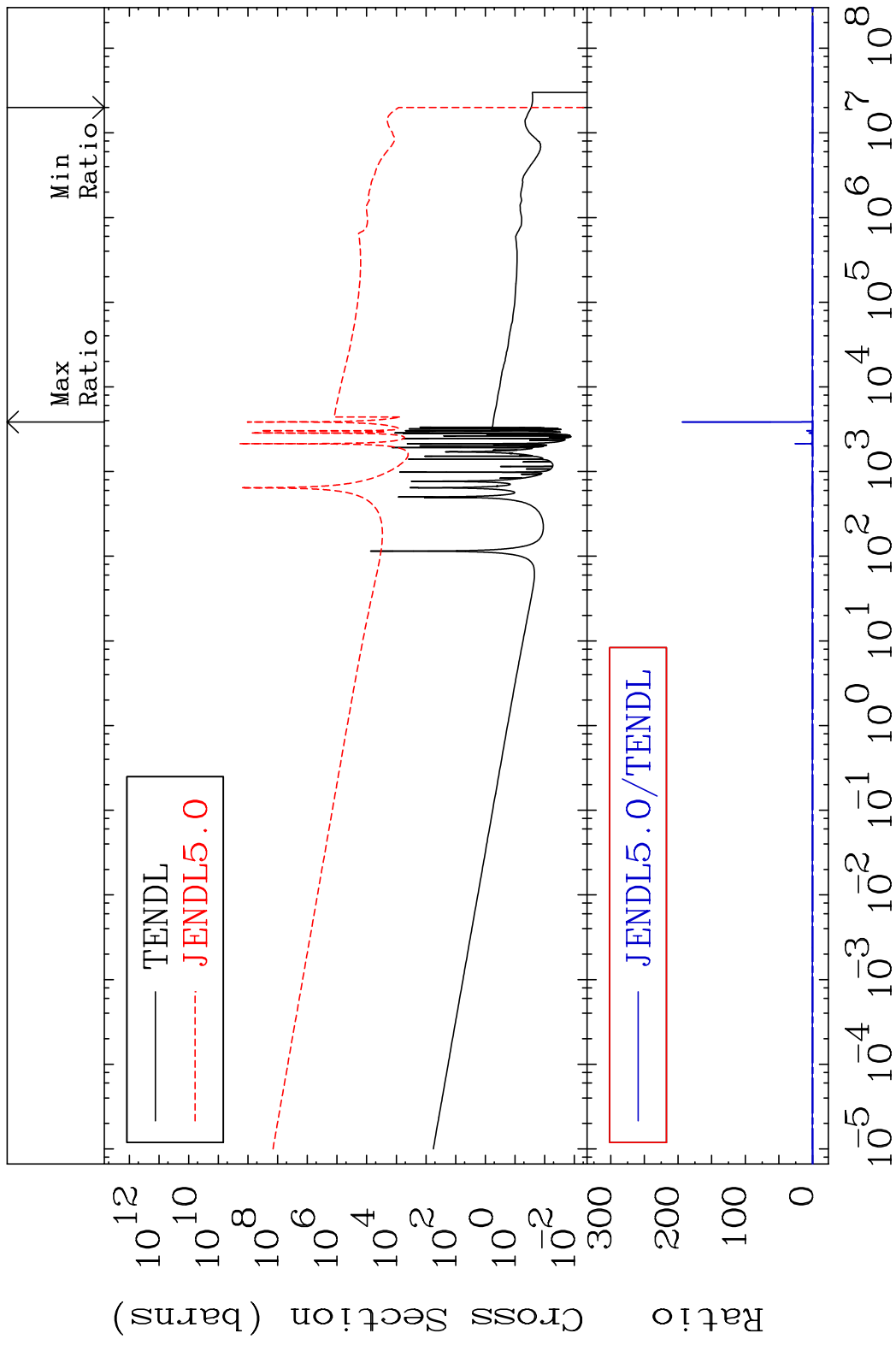
MAT 5449 Kerma inelastic (mt51-91) 54-Xe-132
 Cross Section -100.0 To 9999. %



MAT 5449 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-132
 Cross Section -100.0 To 9999. %

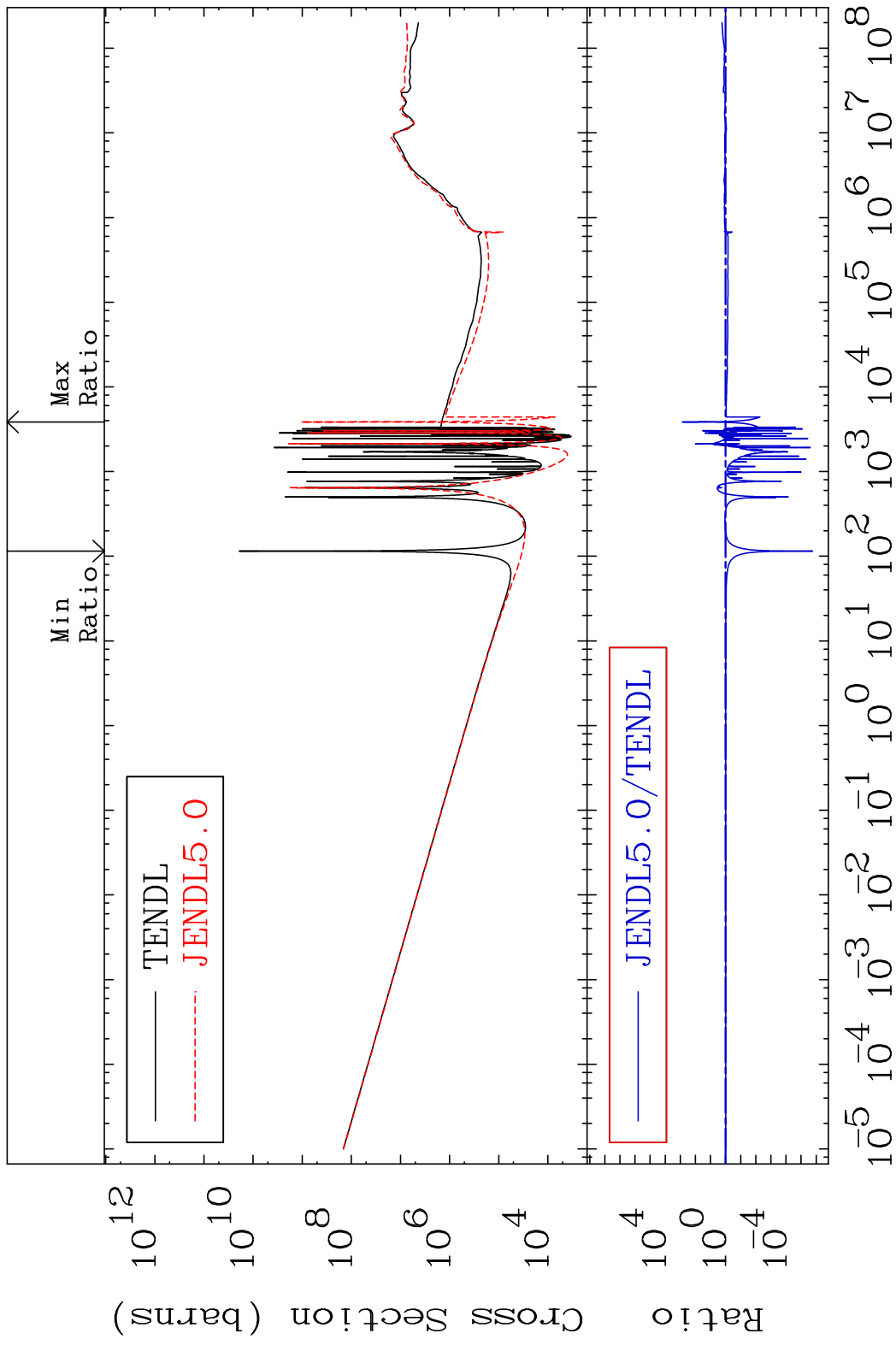


MAT 5449 Kerma capture (mt102) 54-Xe-132
 Cross Section -100.0 To 9999. %



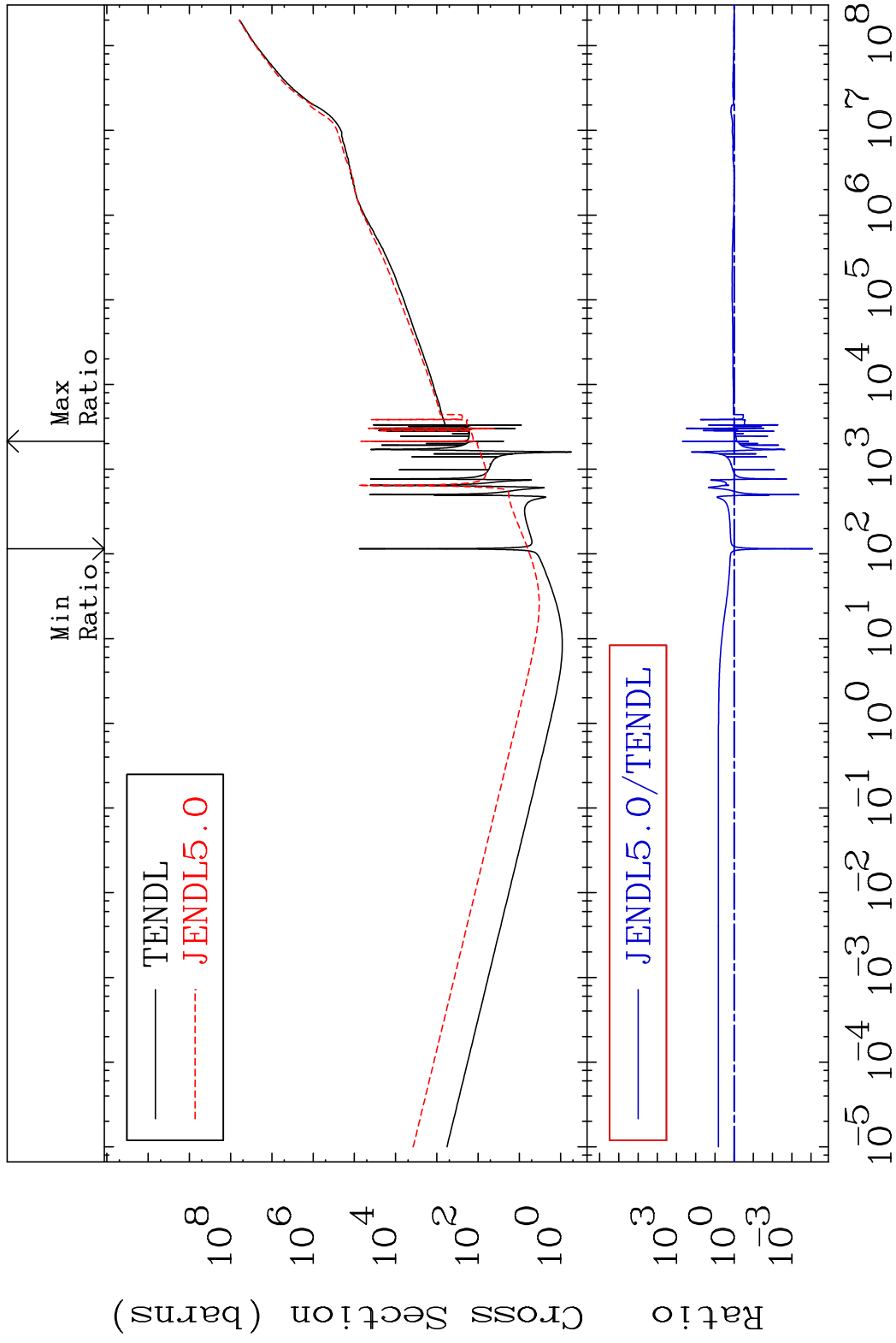
46 Incident Energy (eV) 54-Xe-132

MAT 5449 Total photon (eV-barns) 54-Xe-132
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 54-Xe-132

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

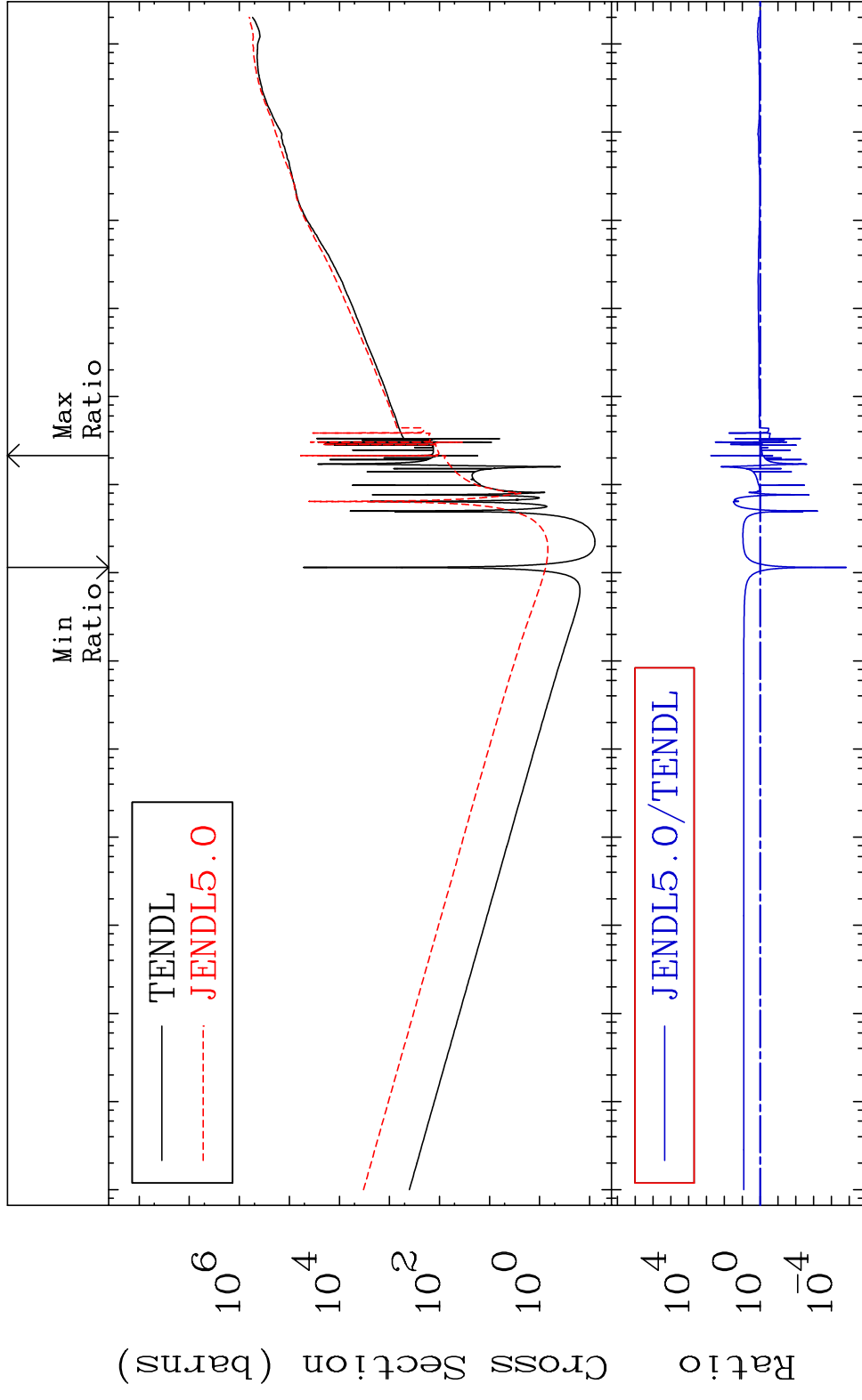


MAT 5449

Dpa total (eV-barns)

54-Xe-132

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

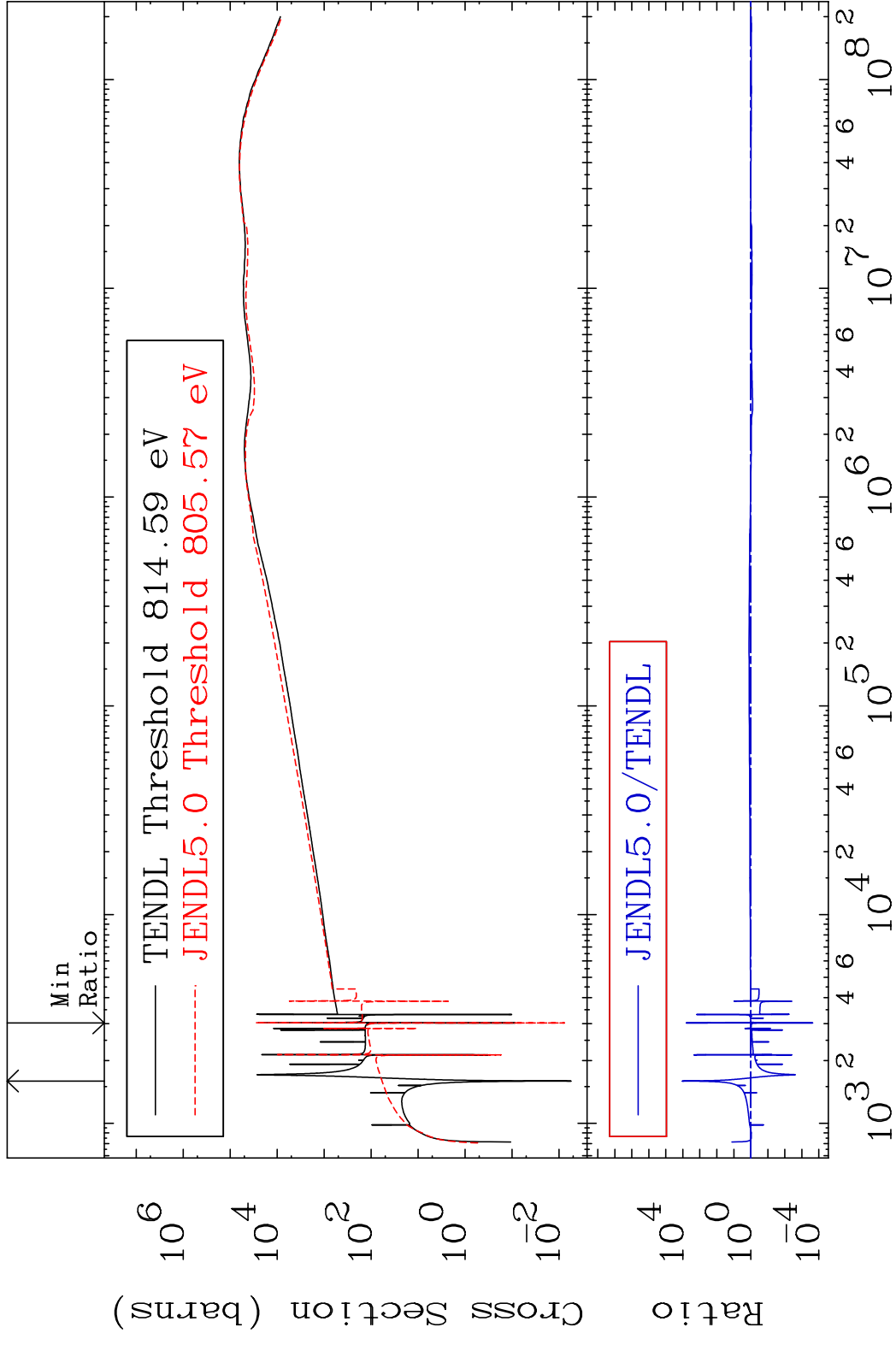
54-Xe-132

MAT 5449

Dpa elastic (mt2)

54-Xe-132

Cross Section -99.98 To 9999. %

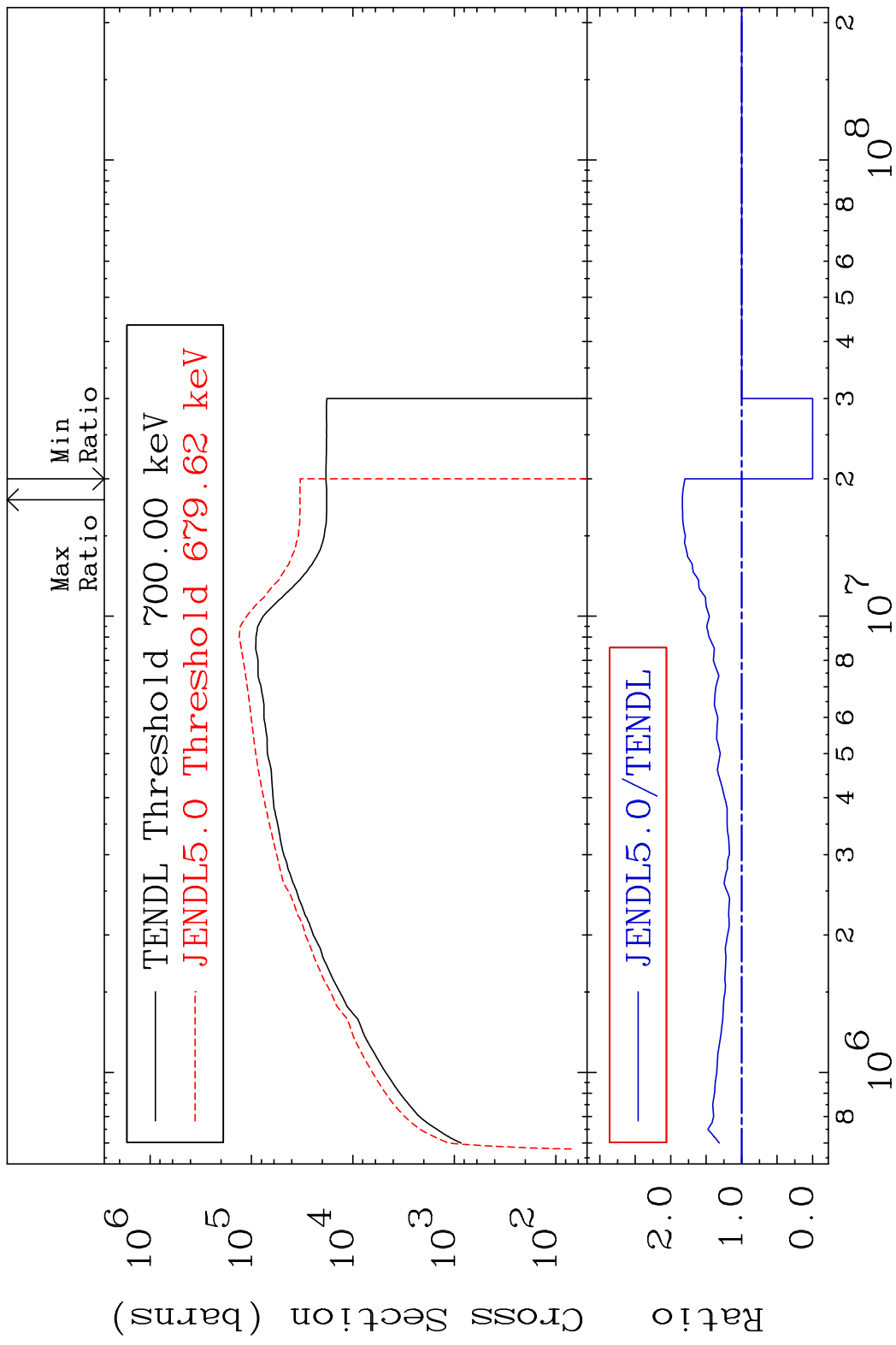


50

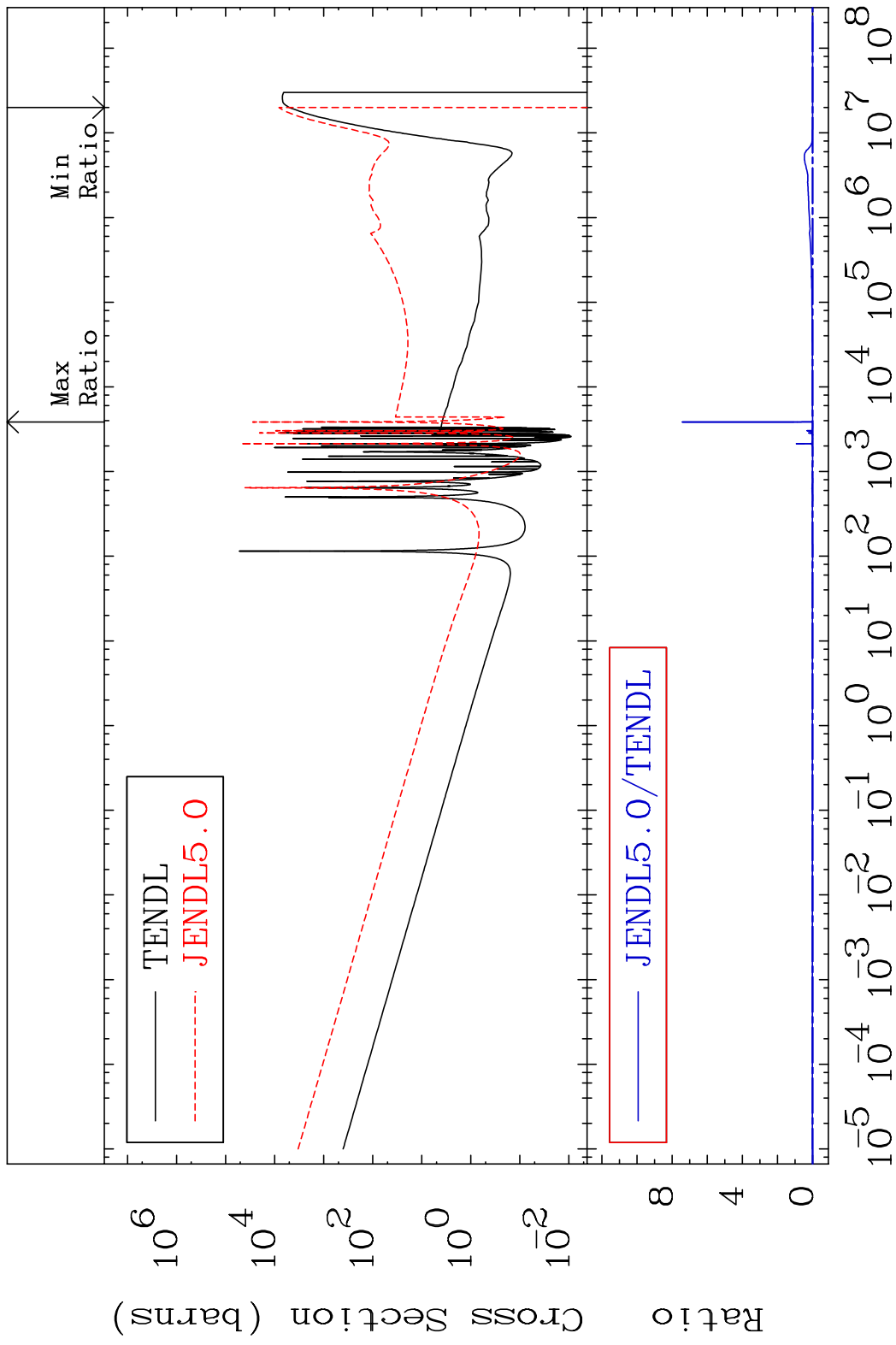
Incident Energy (eV)

54-Xe-132

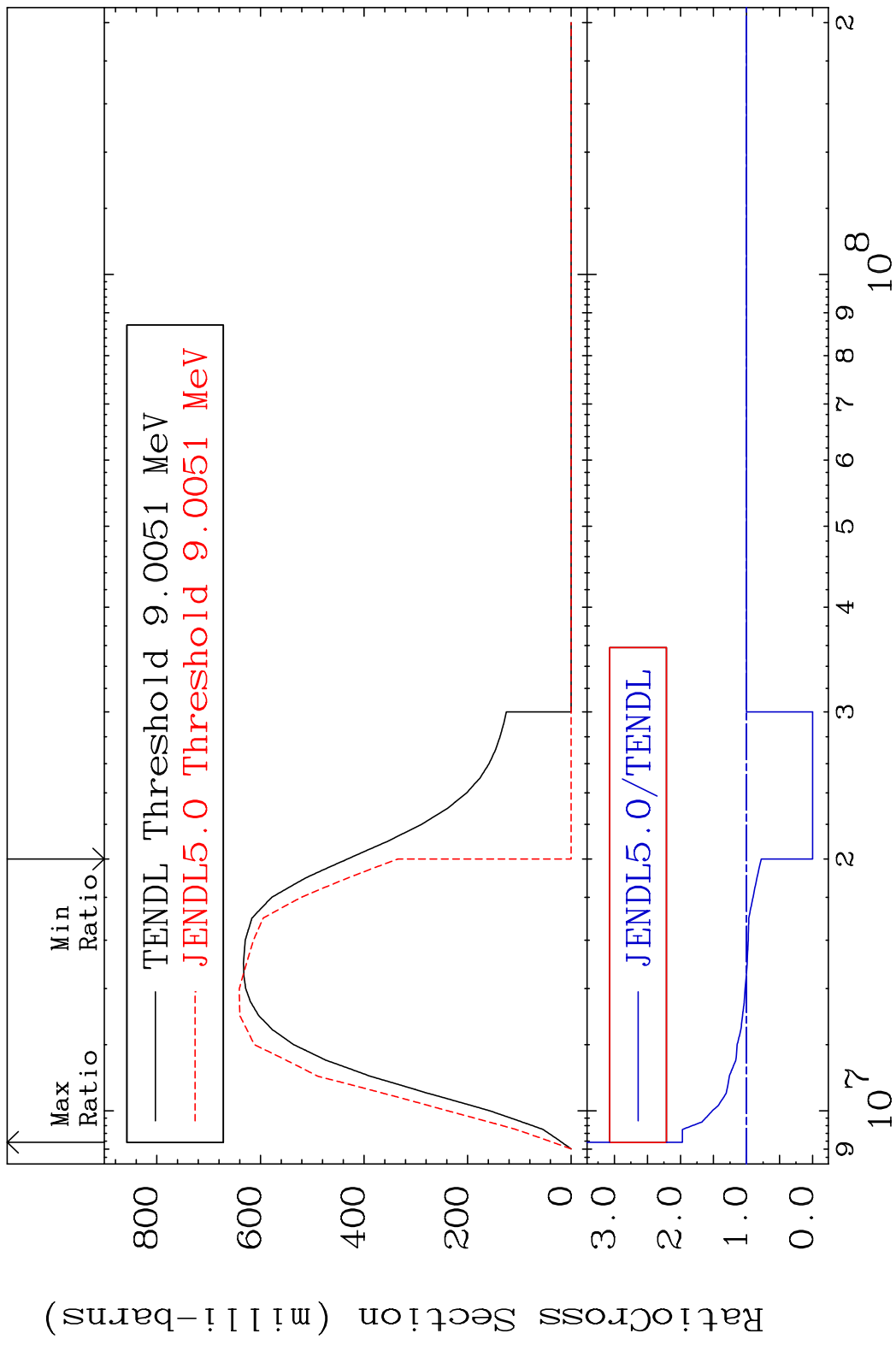
MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132
 Cross Section -100.0 To 83.60 %



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 %

