

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

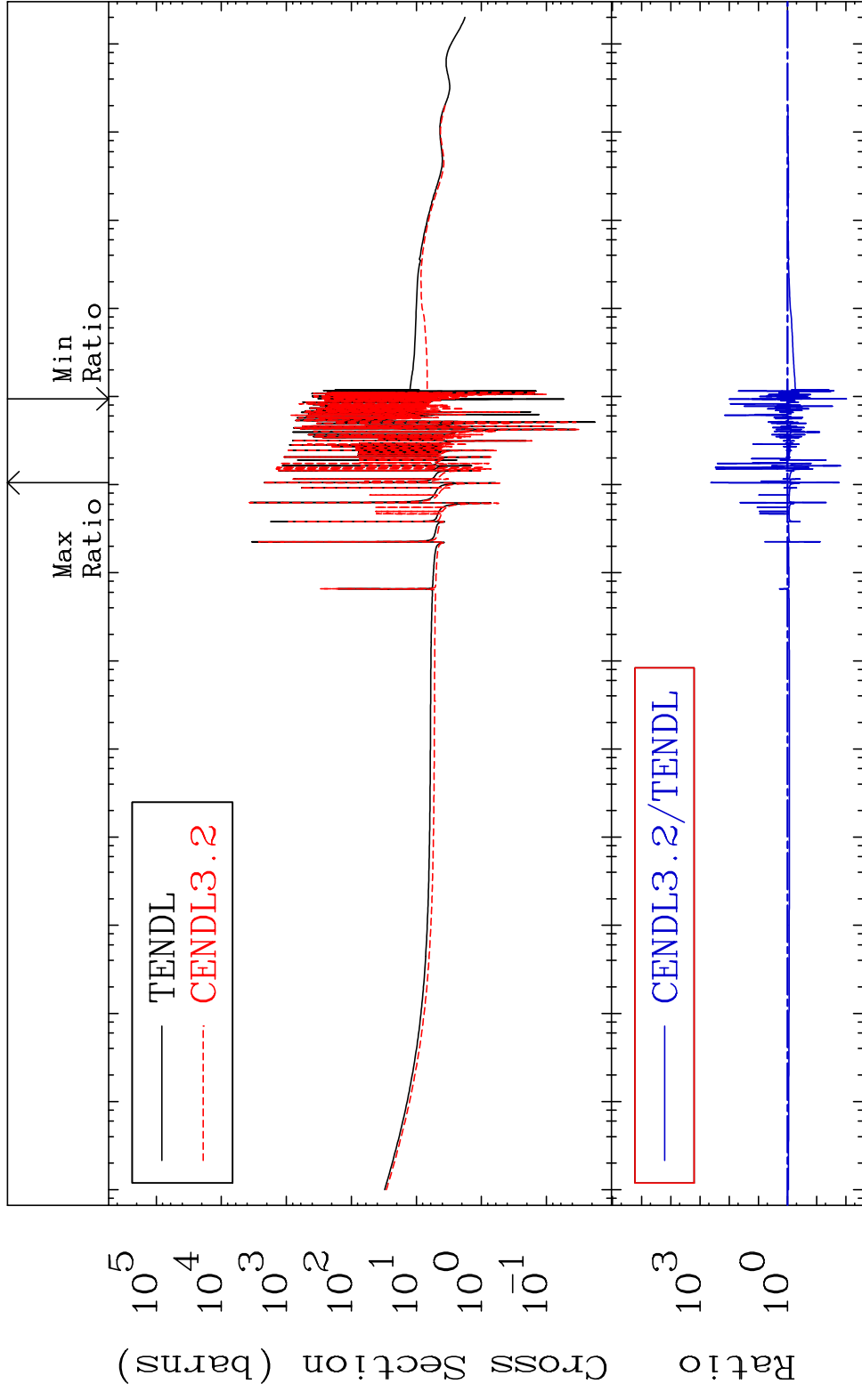
MAT 4449

Total

44-Ru-104

Cross Section

-99.03 To 9999. %



Cross Section (barns)

Ratio

Incident Energy (eV)

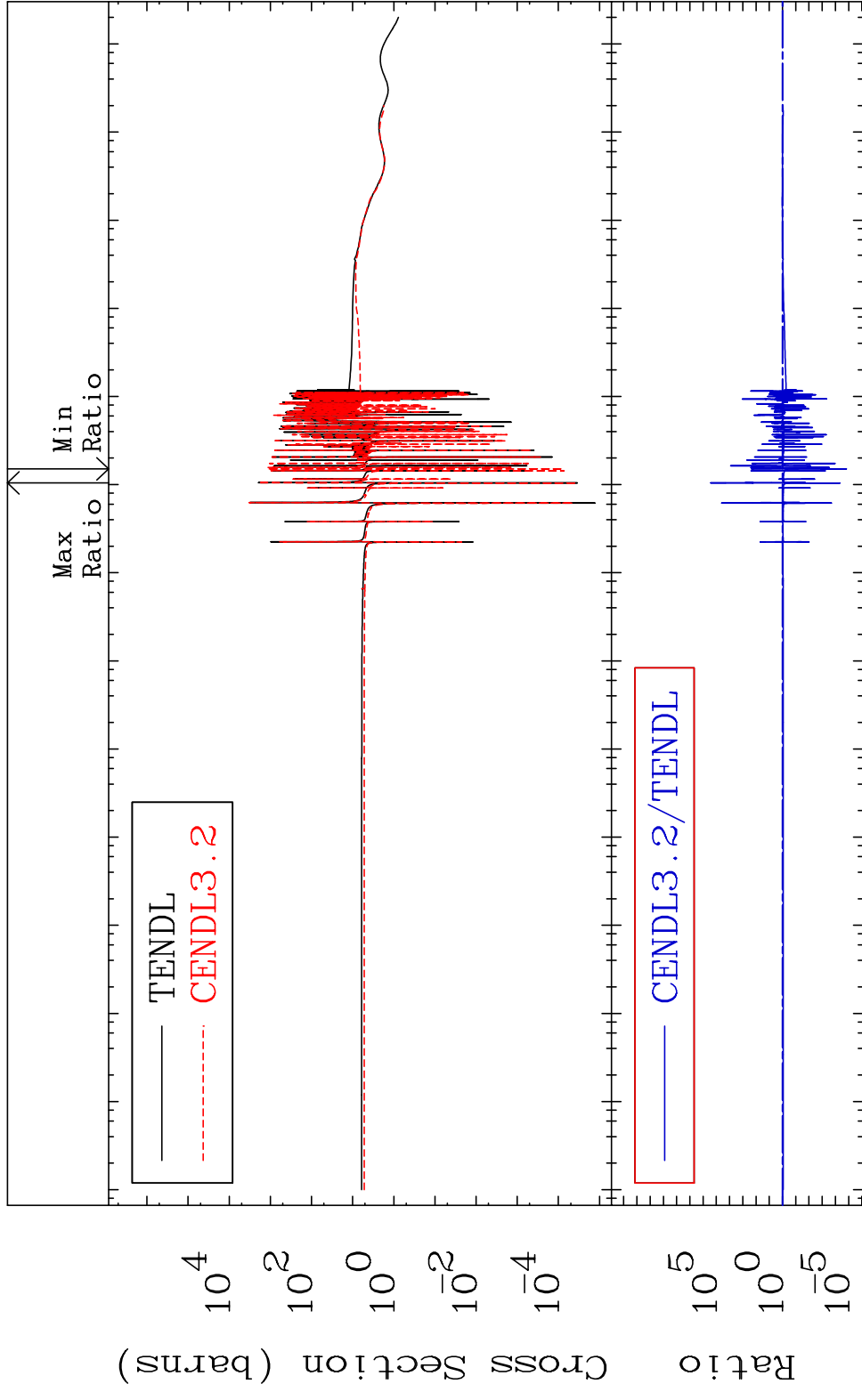
1 44-Ru-104

MAT 4449

Elastic

44-Ru-104

Cross Section -100.0 To 9999. %

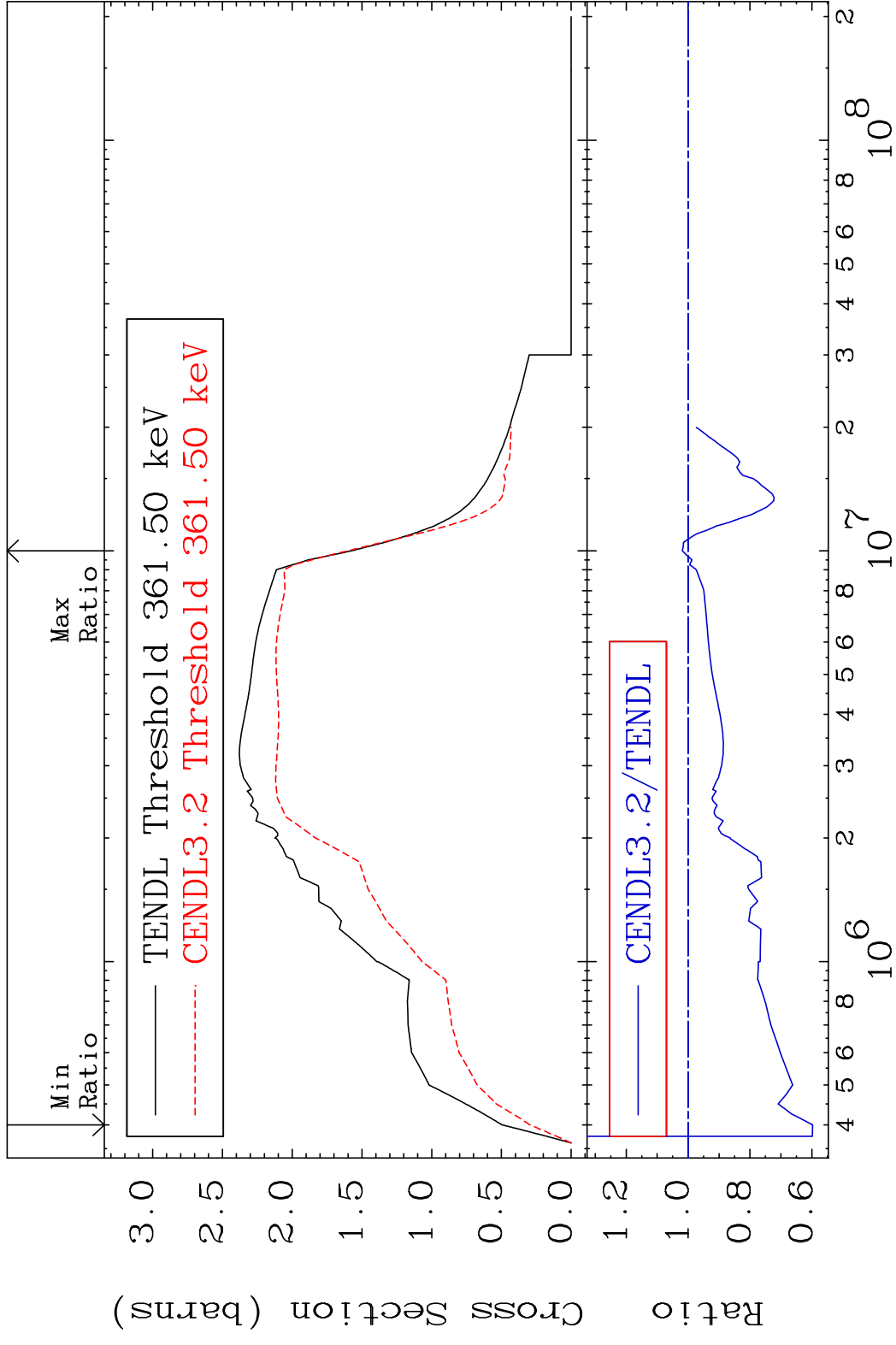


2

Incident Energy (eV)

44-Ru-104

MAT 4449 Inelastic 44-Ru-104
 Cross Section -40.22 To 1.862 %



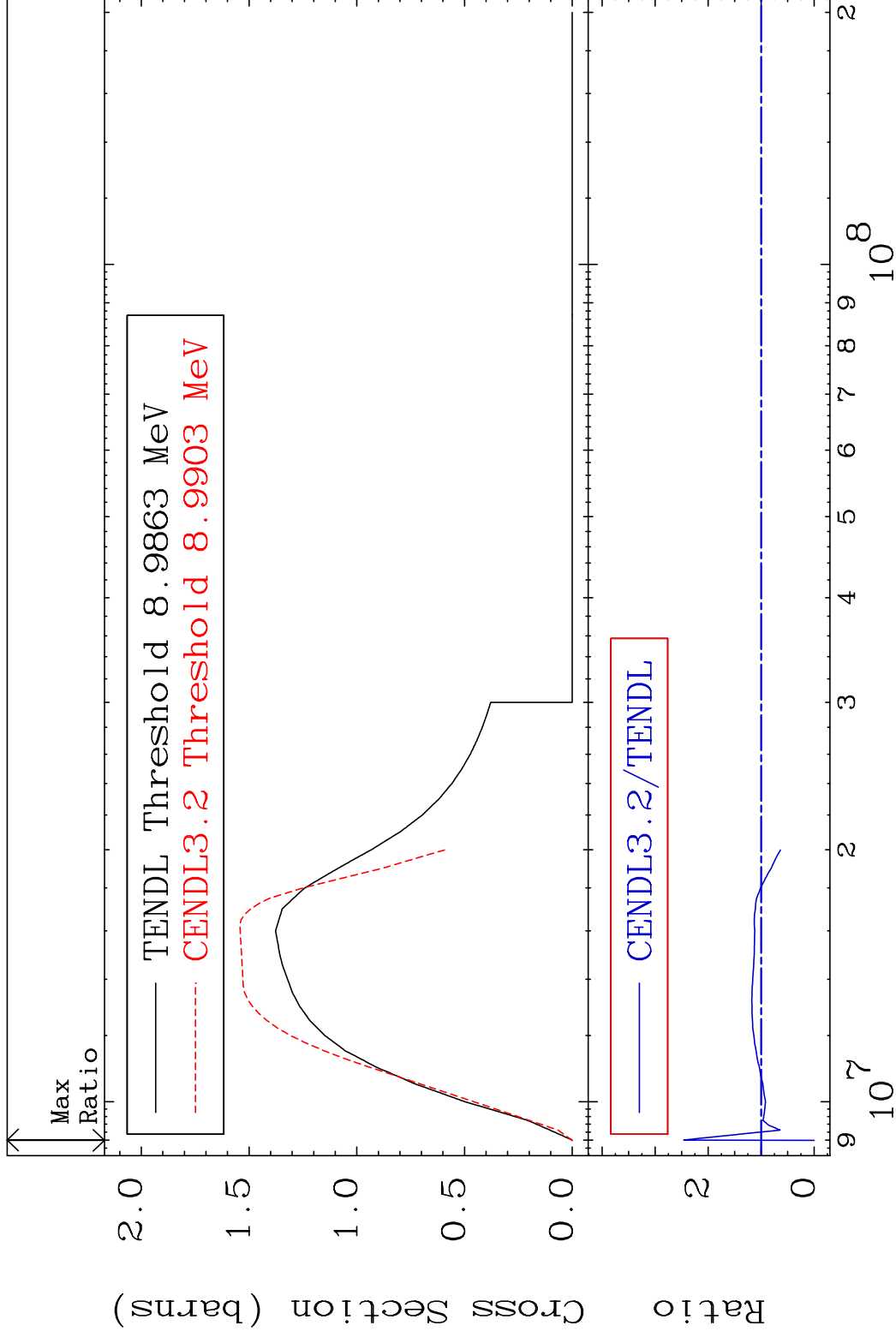
3 Incident Energy (eV) 44-Ru-104

MAT 4449

(n,2n)

44-Ru-104

Cross Section -100.0 To 146.1 %



4

Incident Energy (eV)

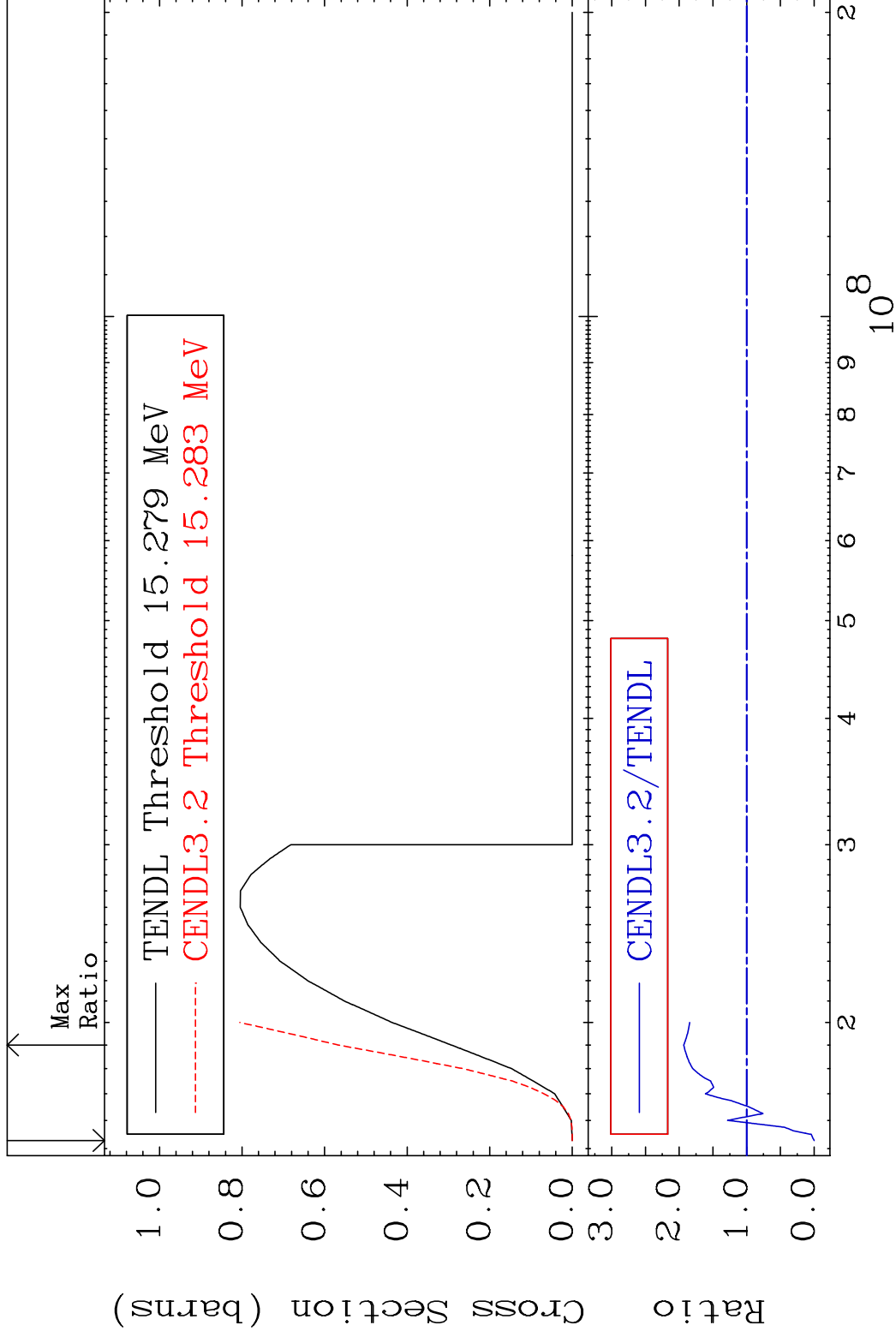
44-Ru-104

MAT 4449

(n,3n)

44-Ru-104

Cross Section -100.0 To 93.35 %



5

Incident Energy (eV)

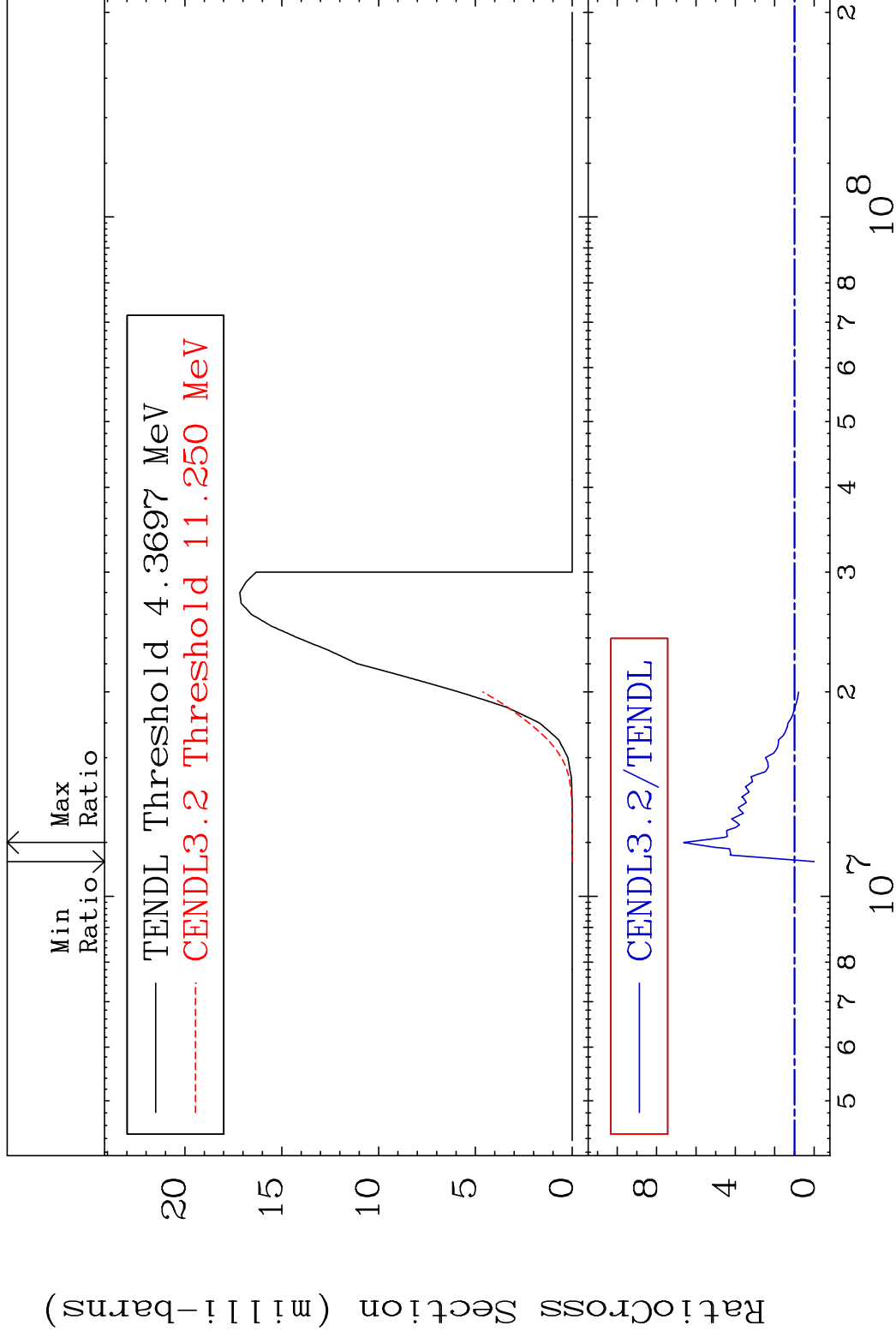
44-Ru-104

MAT 4449

(n, n') α

44-Ru-104

Cross Section -100.0 To 562.5 %



6

Incident Energy (eV)

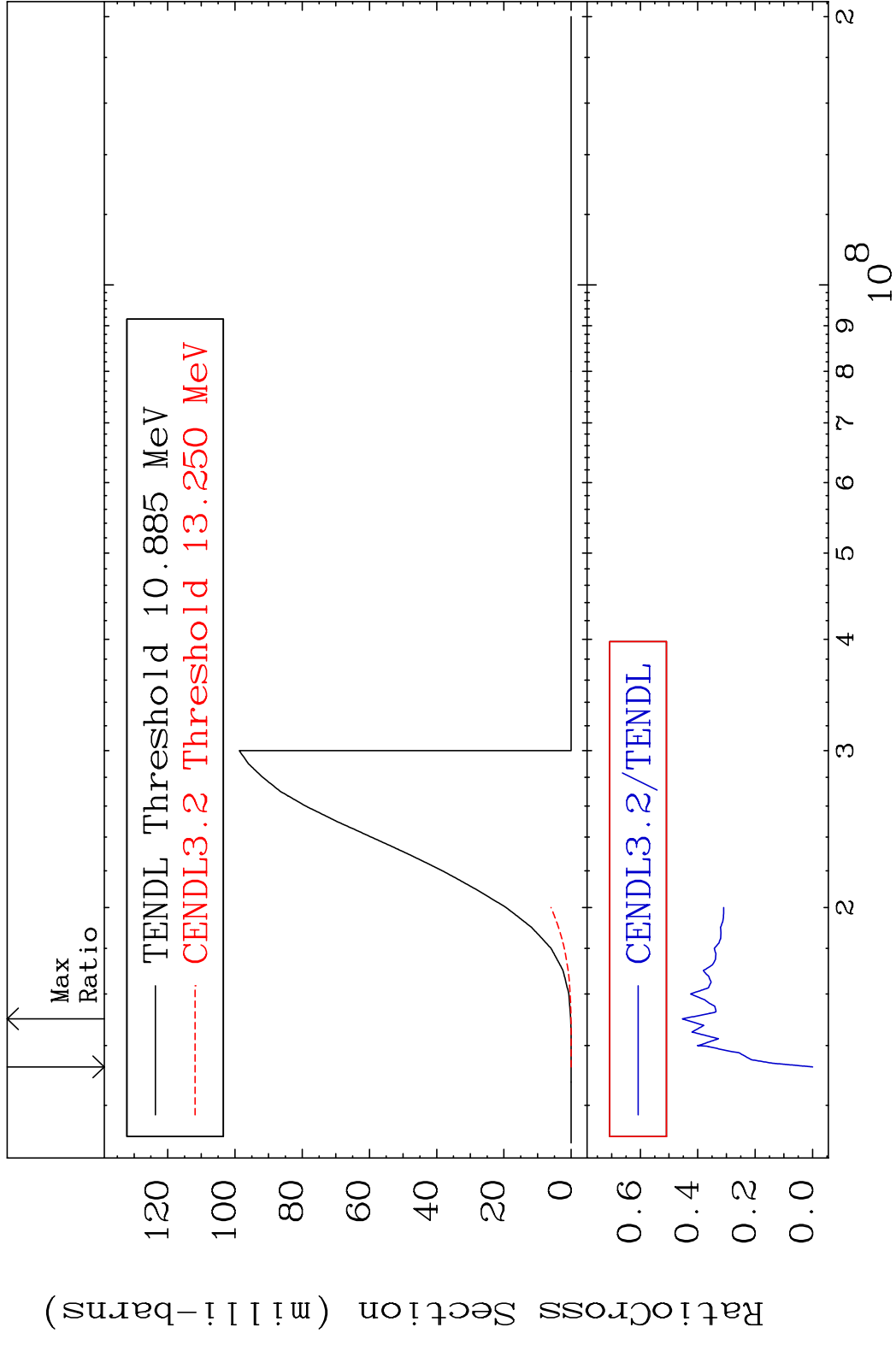
44-Ru-104

MAT 4449

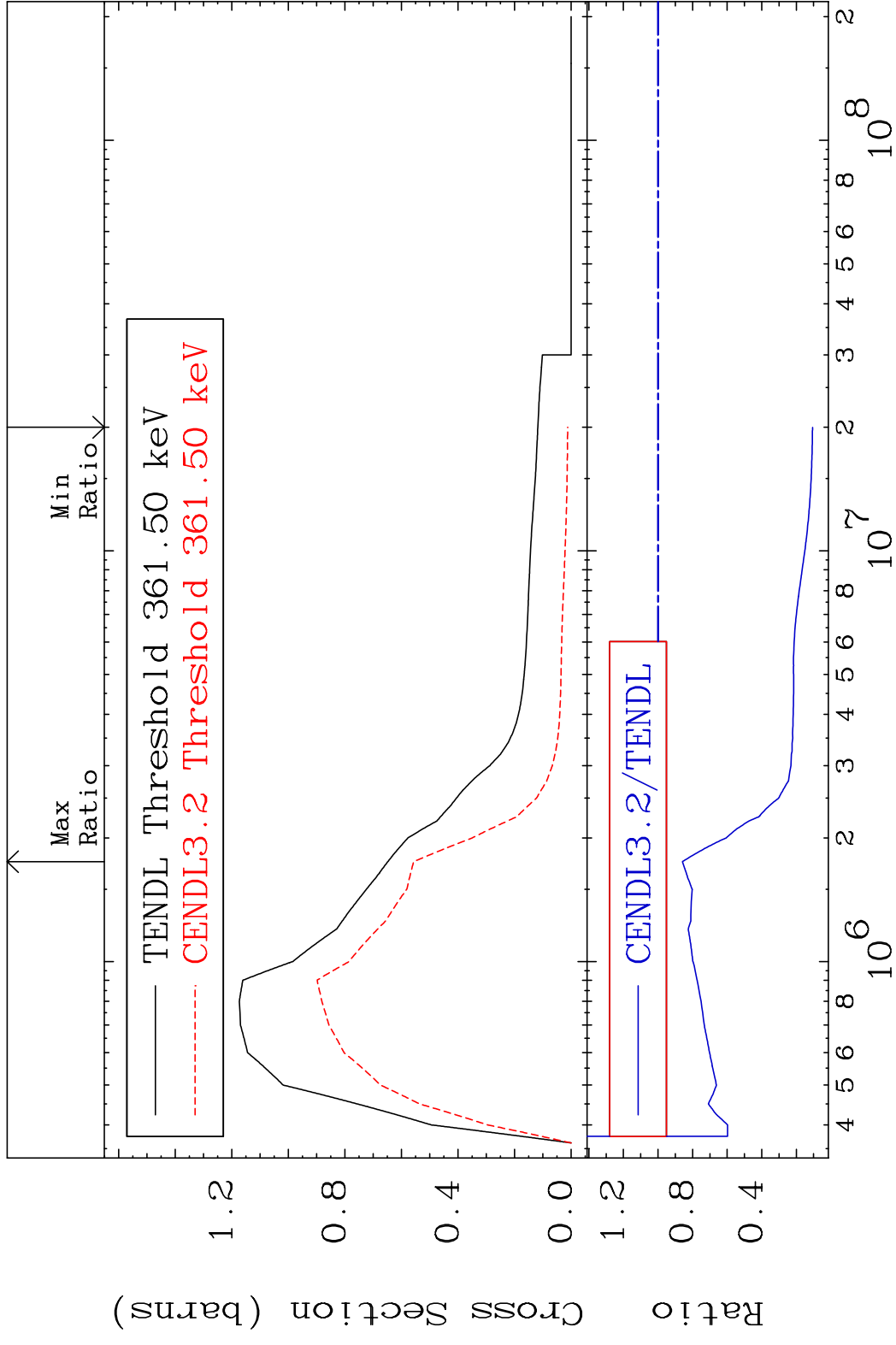
(n, n') p

44-Ru-104

Cross Section -100.0 To -54.64%

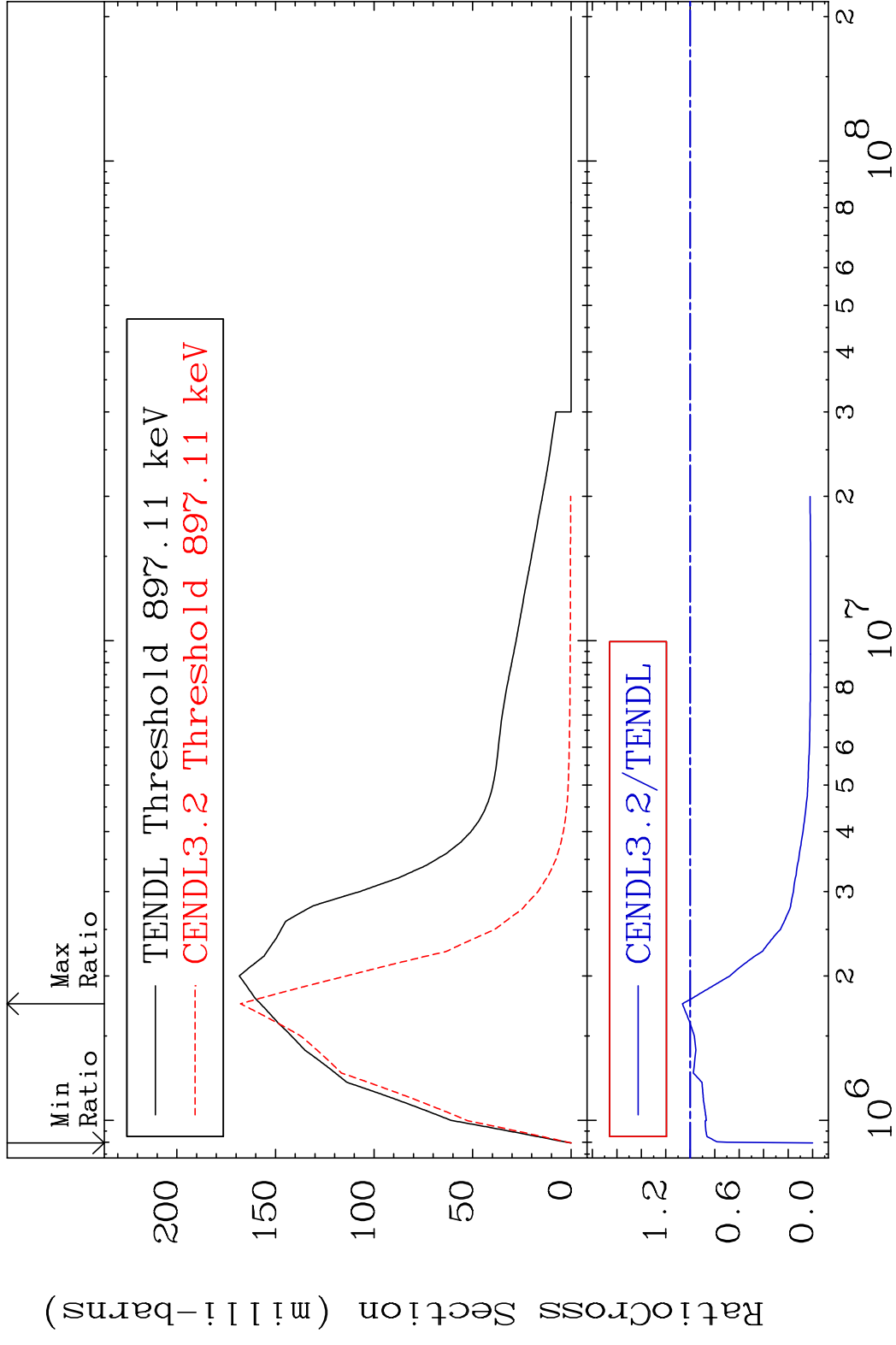


MAT 4449 MT= 51 (n, n') Level 44-Ru-104
 Cross Section -89.39 To -14.09%



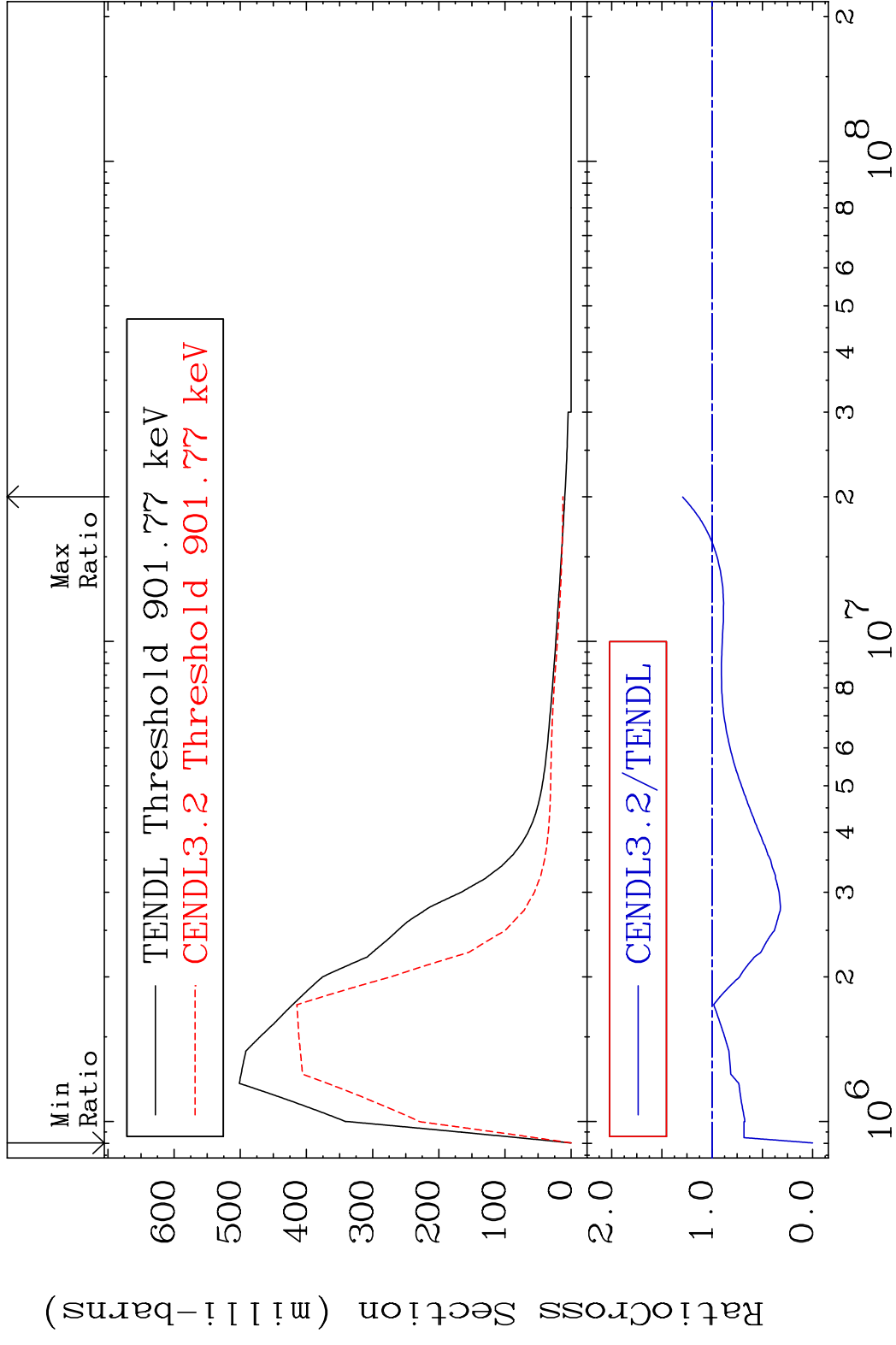
8 Incident Energy (eV) 44-Ru-104

MAT 4449 MT= 52 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 6.456 %



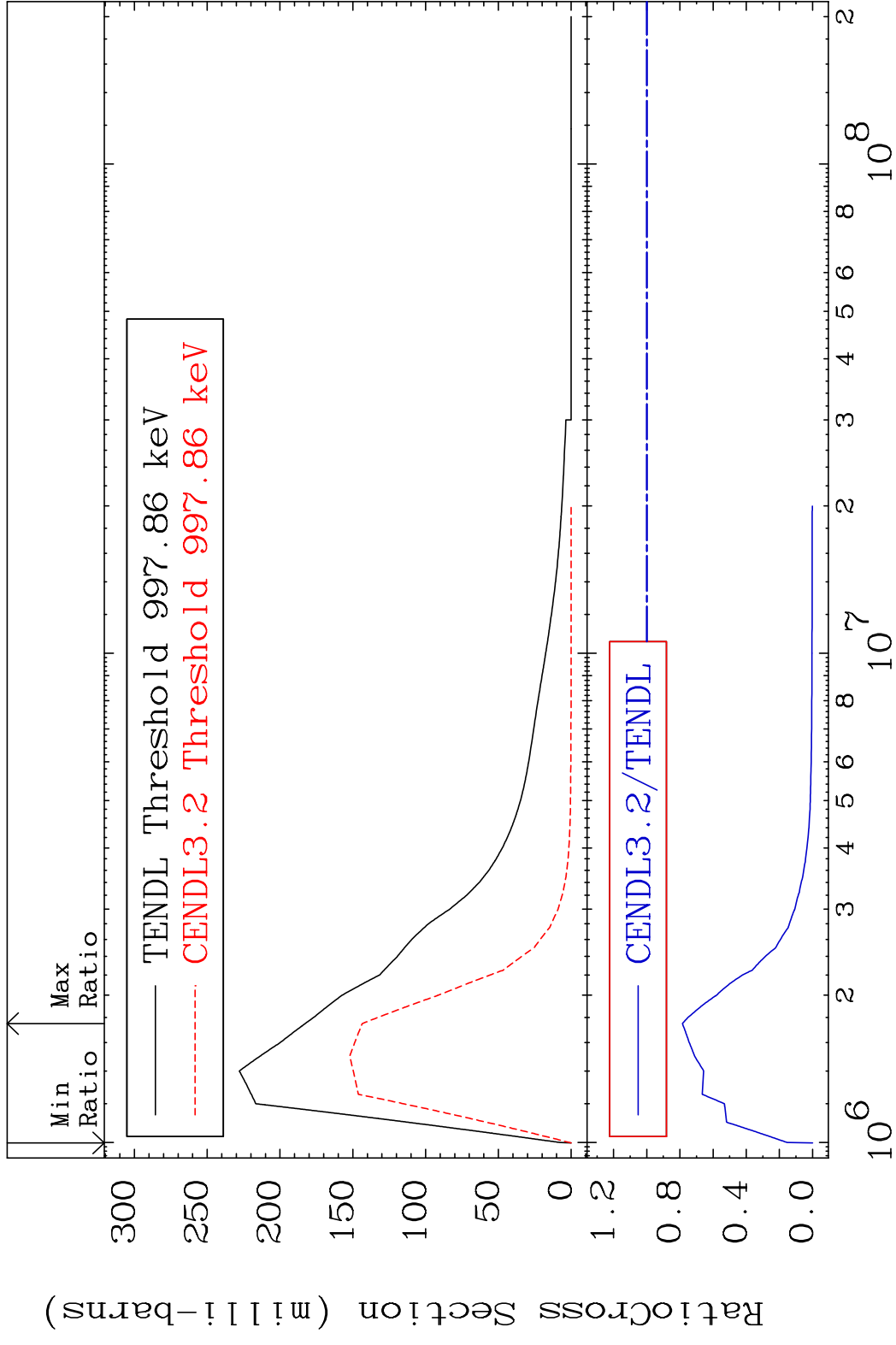
9 Incident Energy (eV) 44-Ru-104

MAT 4449 MT= 53 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 29.59 %



10 2 3 4 5 6 8 10⁷ 10⁸ 2 44-Ru-104

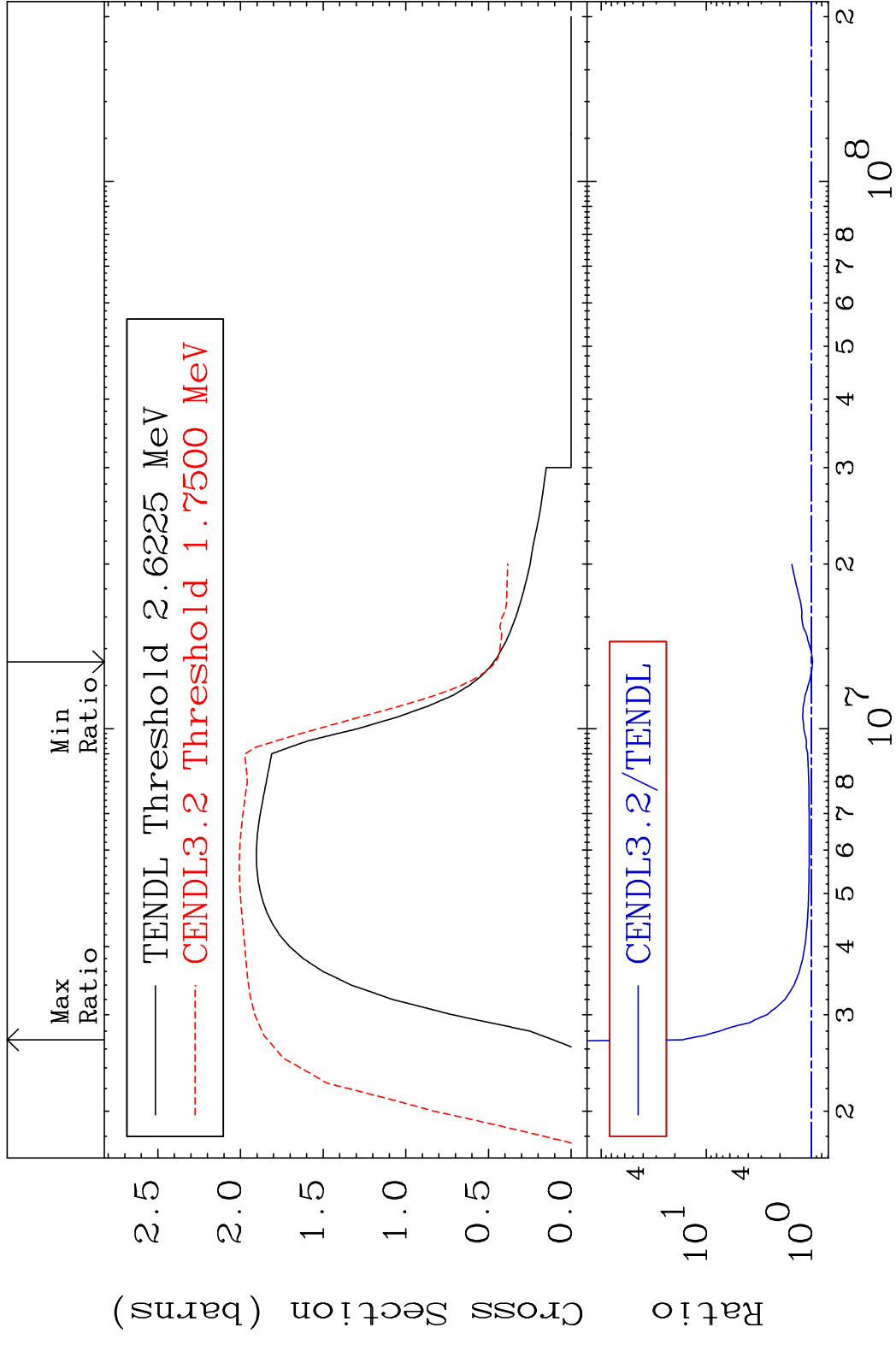
MAT 4449 MT= 54 (n,n') Level 44-Ru-104
 Cross Section -100.0 To -21.47%



MAT 4449 MT= 55 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 9999. %



MAT 4449 (n,n') Continuum 44-Ru-104
 Cross Section -2.150 To 1594. %

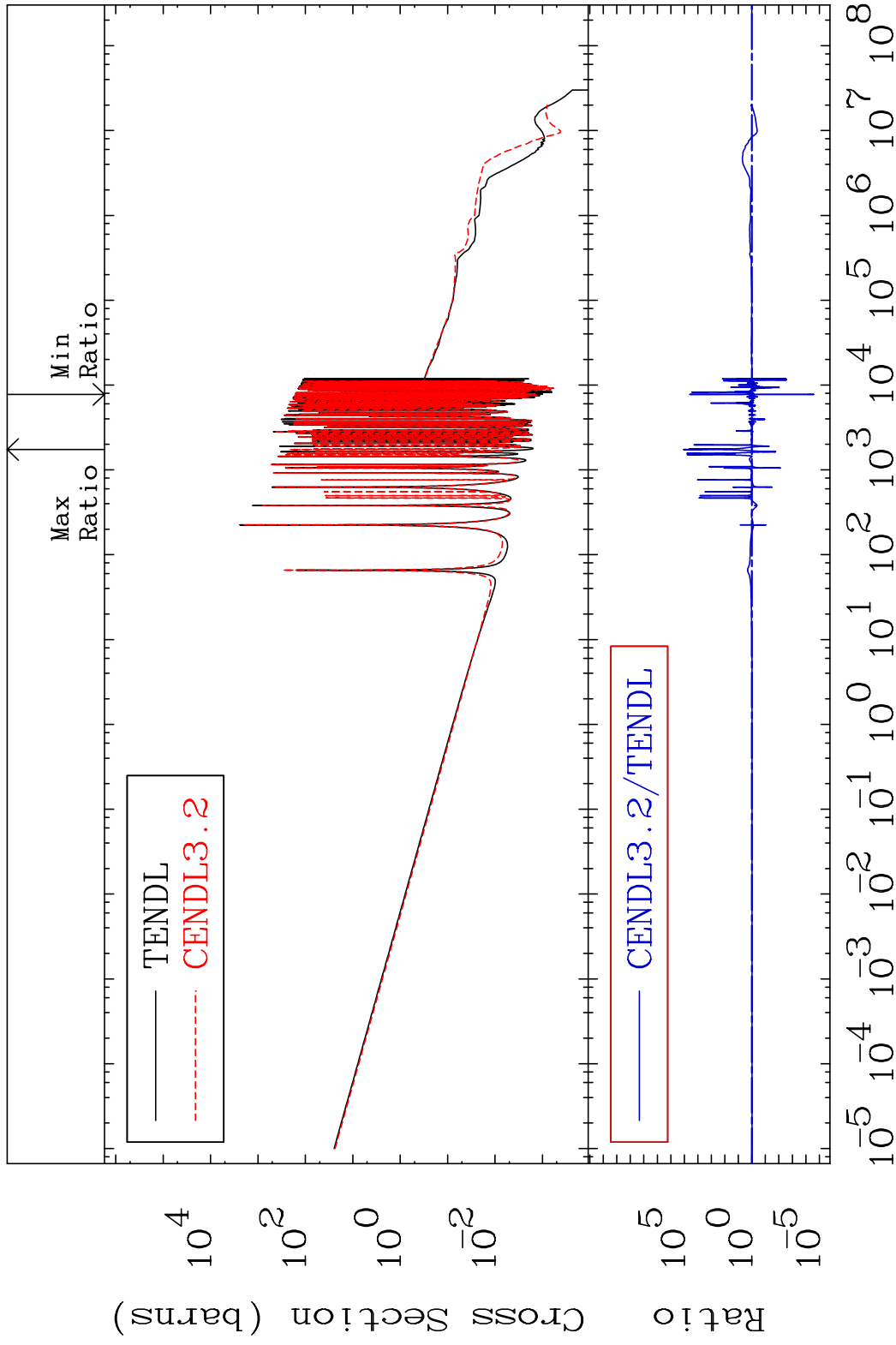


MAT 4449

(n, γ)

44-Ru-104

Cross Section -100.0 To 9999. %



14

Incident Energy (eV)

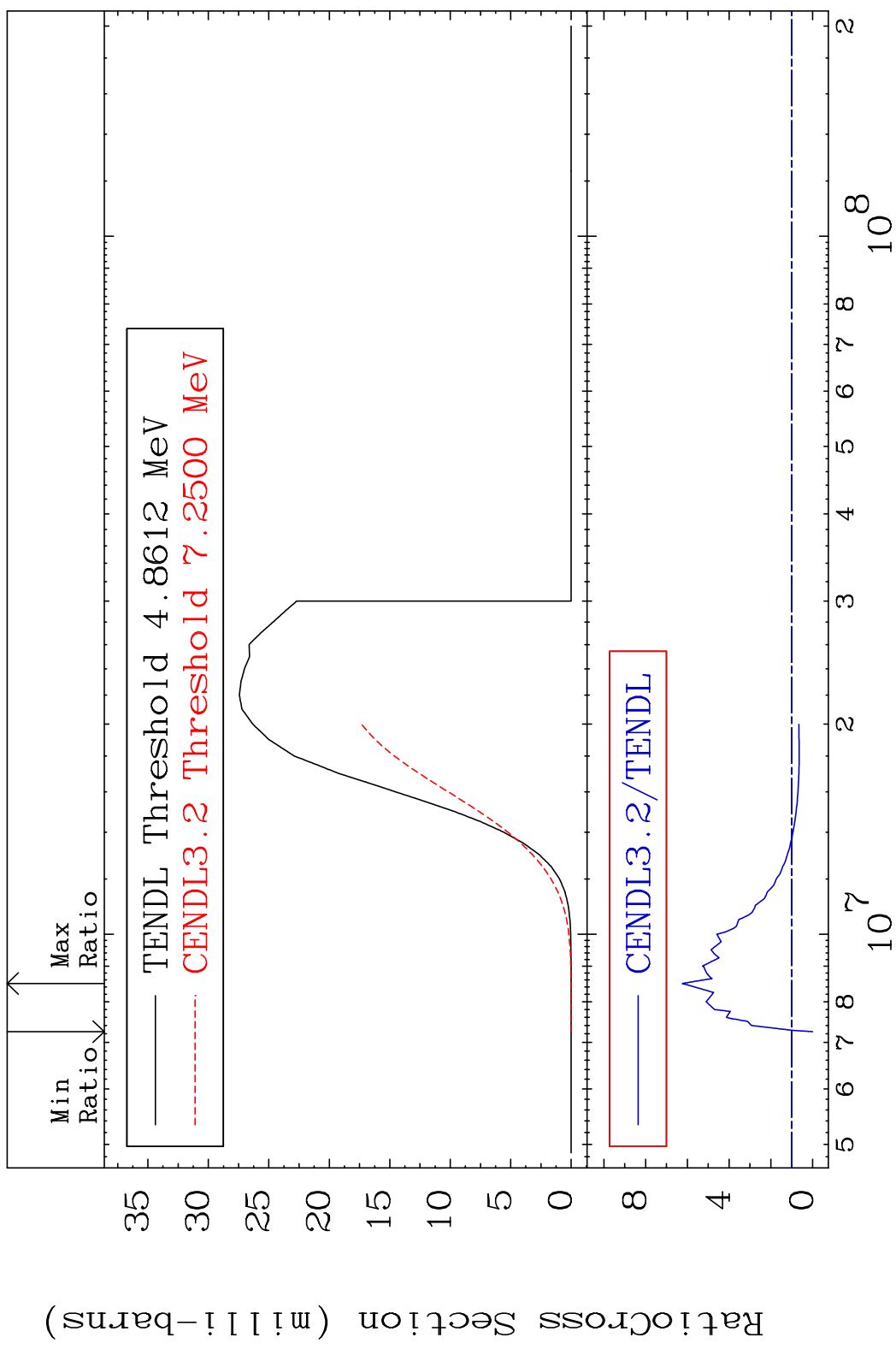
44-Ru-104

MAT 4449

(n, p)

44-Ru-104

Cross Section -100.0 To 524.0 %

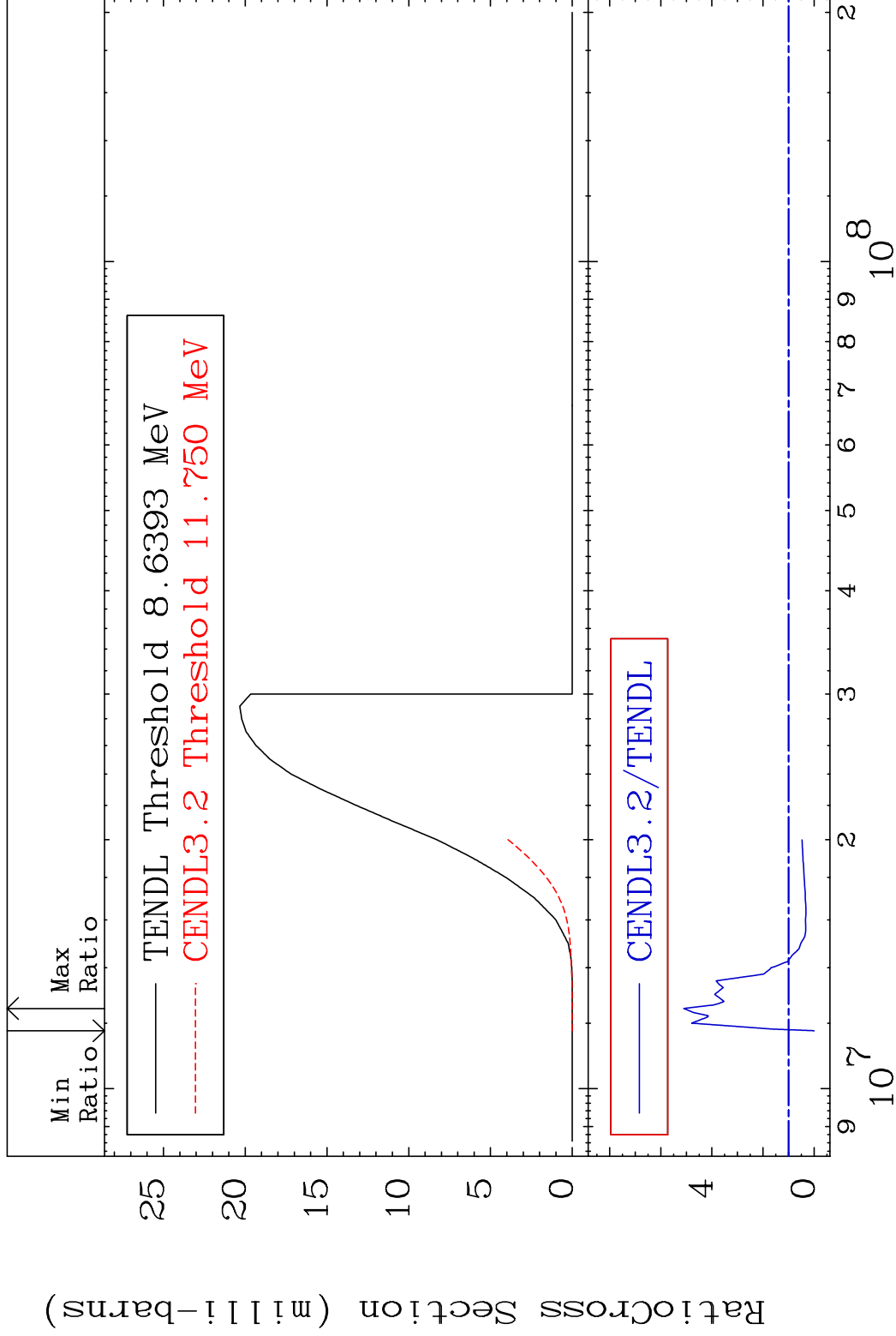


MAT 4449

(n, d)

44-Ru-104

Cross Section -100.0 To 410.6 %



16

Incident Energy (eV)

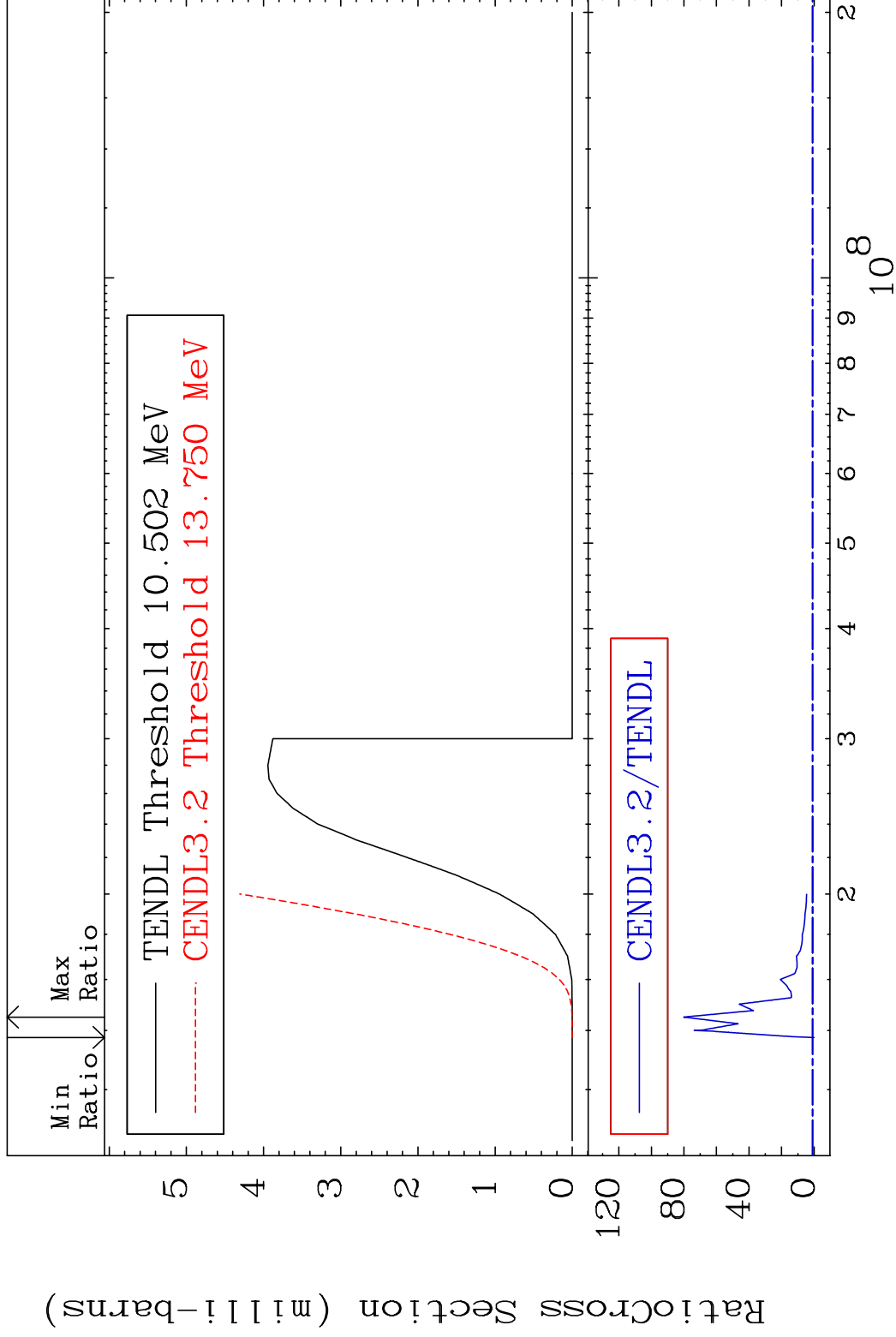
44-Ru-104

MAT 4449

(n, t)

44-Ru-104

Cross Section -100.0 To 7916. %



17

Incident Energy (eV)

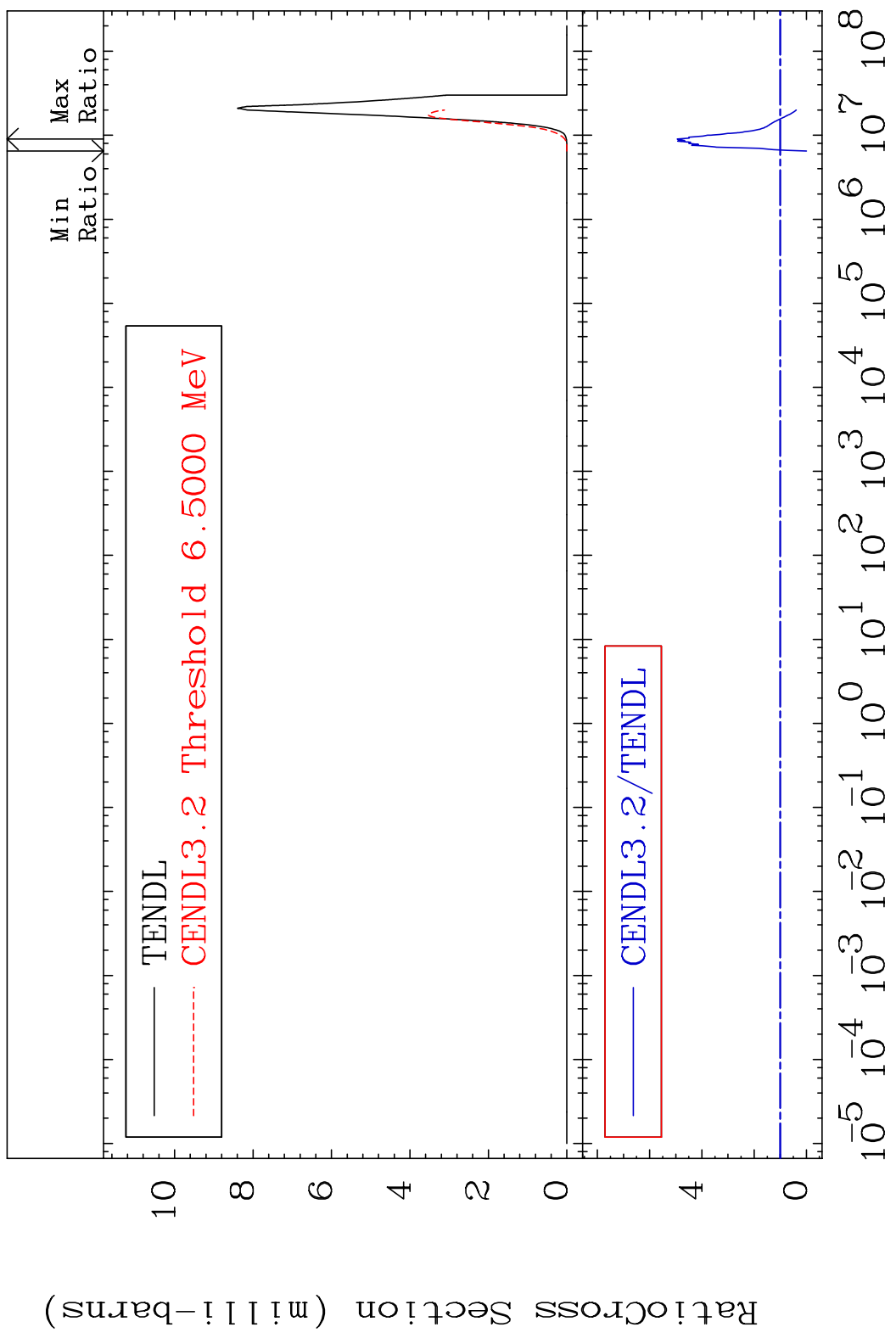
44-Ru-104

MAT 4449

(n, α)

44-Ru-104

Cross Section -100.0 To 394.6 %

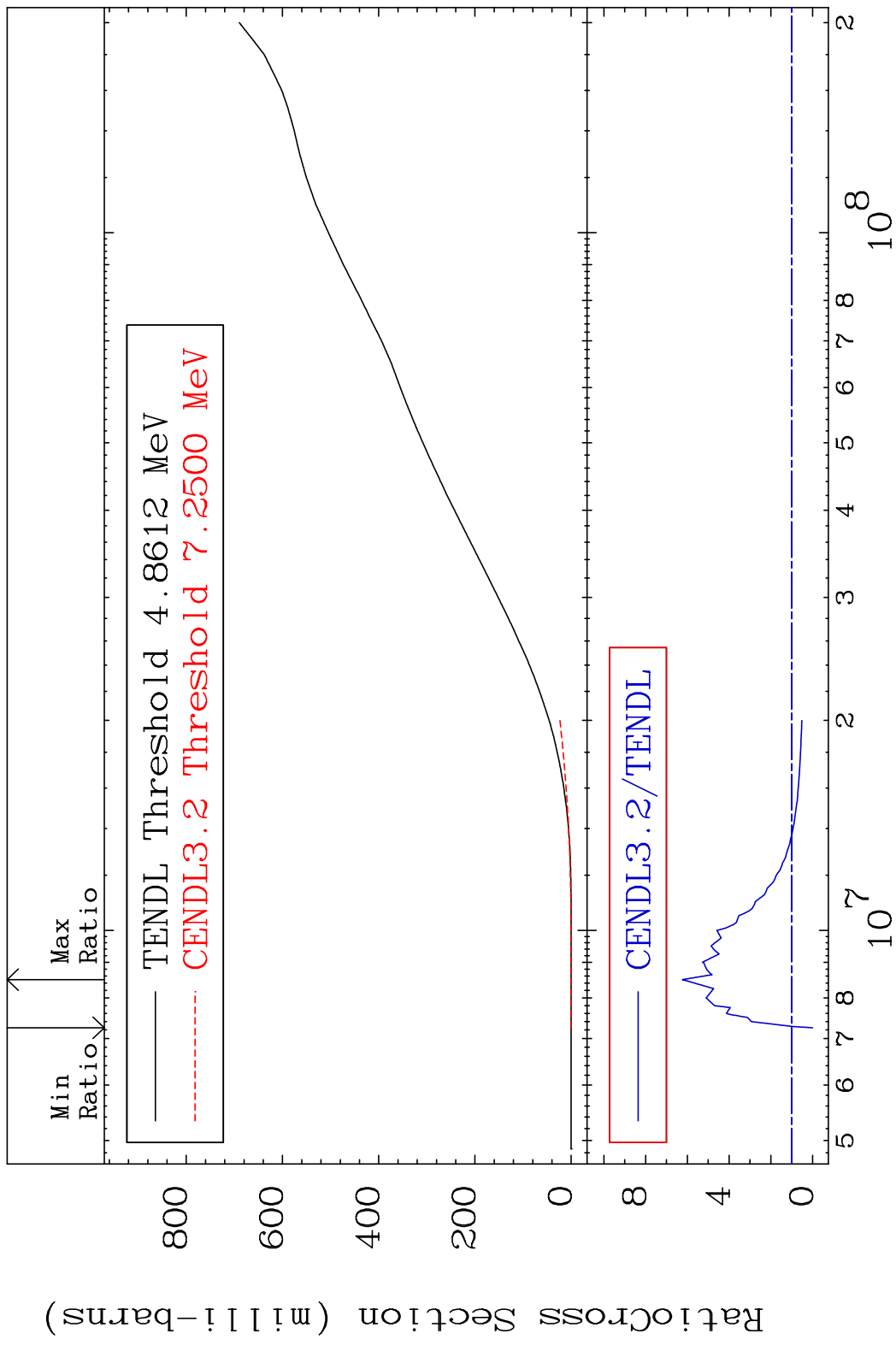


18

Incident Energy (eV)

44-Ru-104

MAT 4449 Hydrogen Production 44-Ru-104
 Cross Section -100.0 To 524.0 %



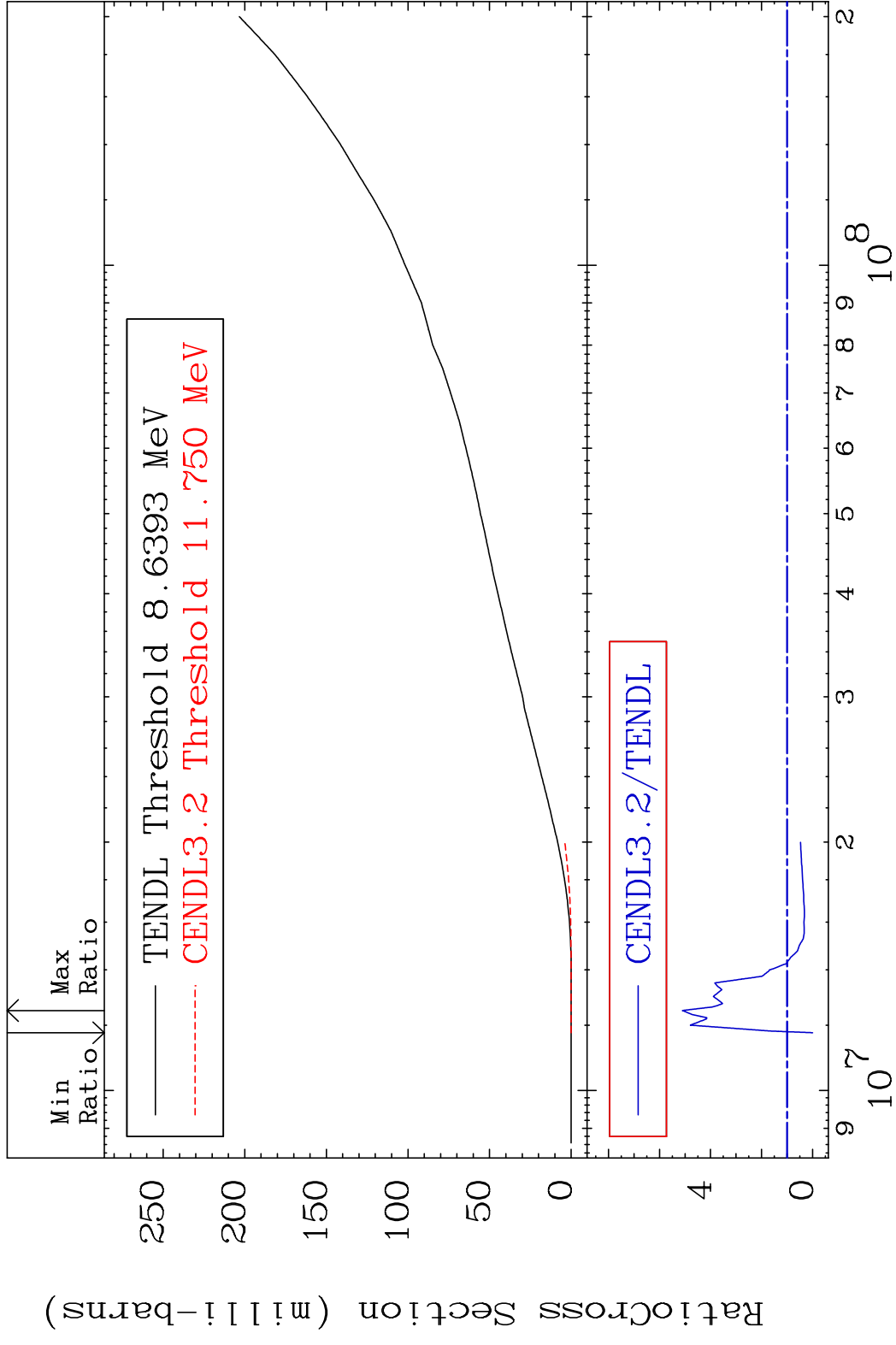
19 44-Ru-104

MAT 4449

Deuterium Production

44-Ru-104

Cross Section -100.0 To 410.6 %

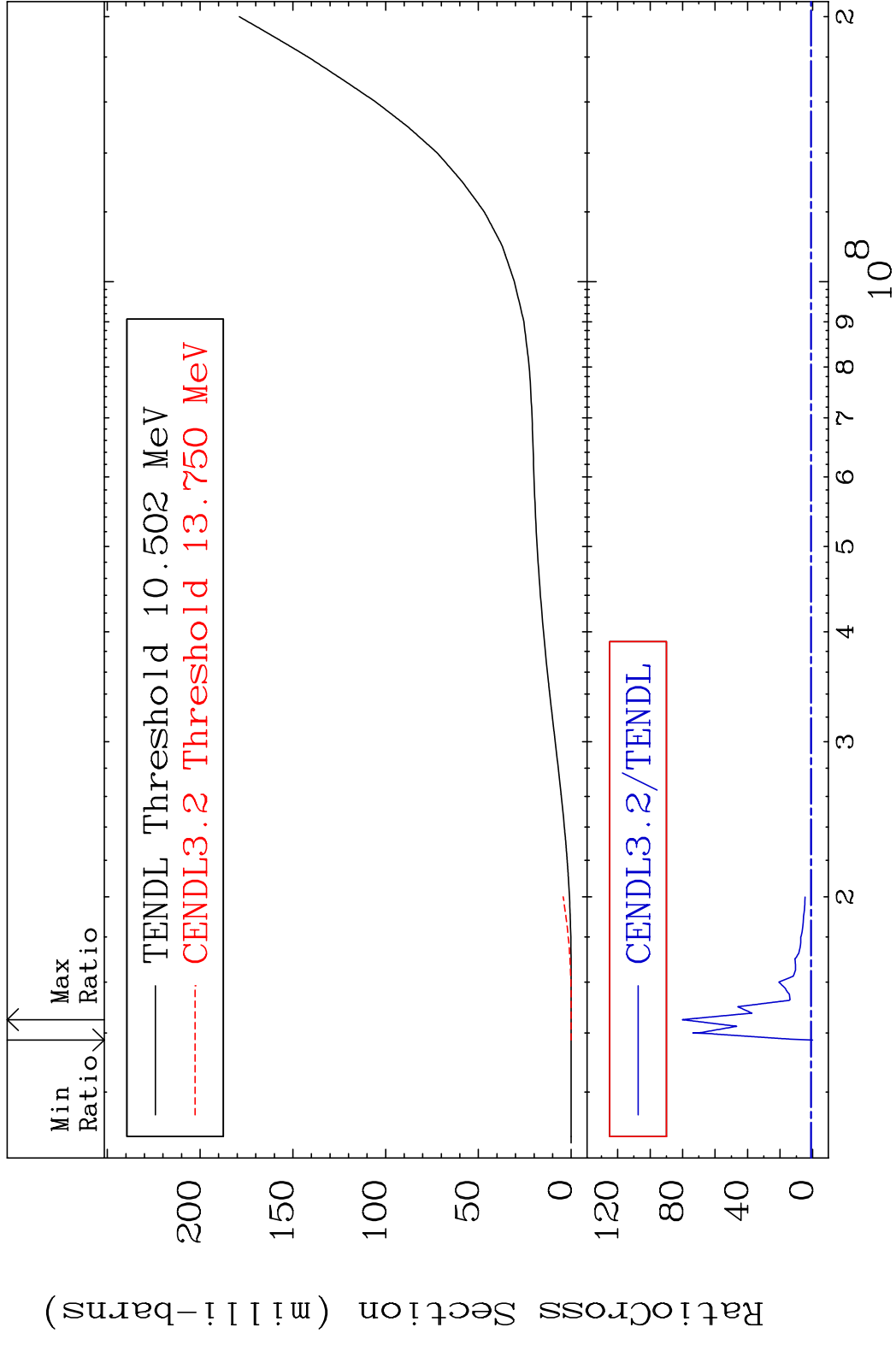


20

Incident Energy (eV)

44-Ru-104

MAT 4449 Tritium Production 44-Ru-104
 Cross Section -100.0 To 7916. %

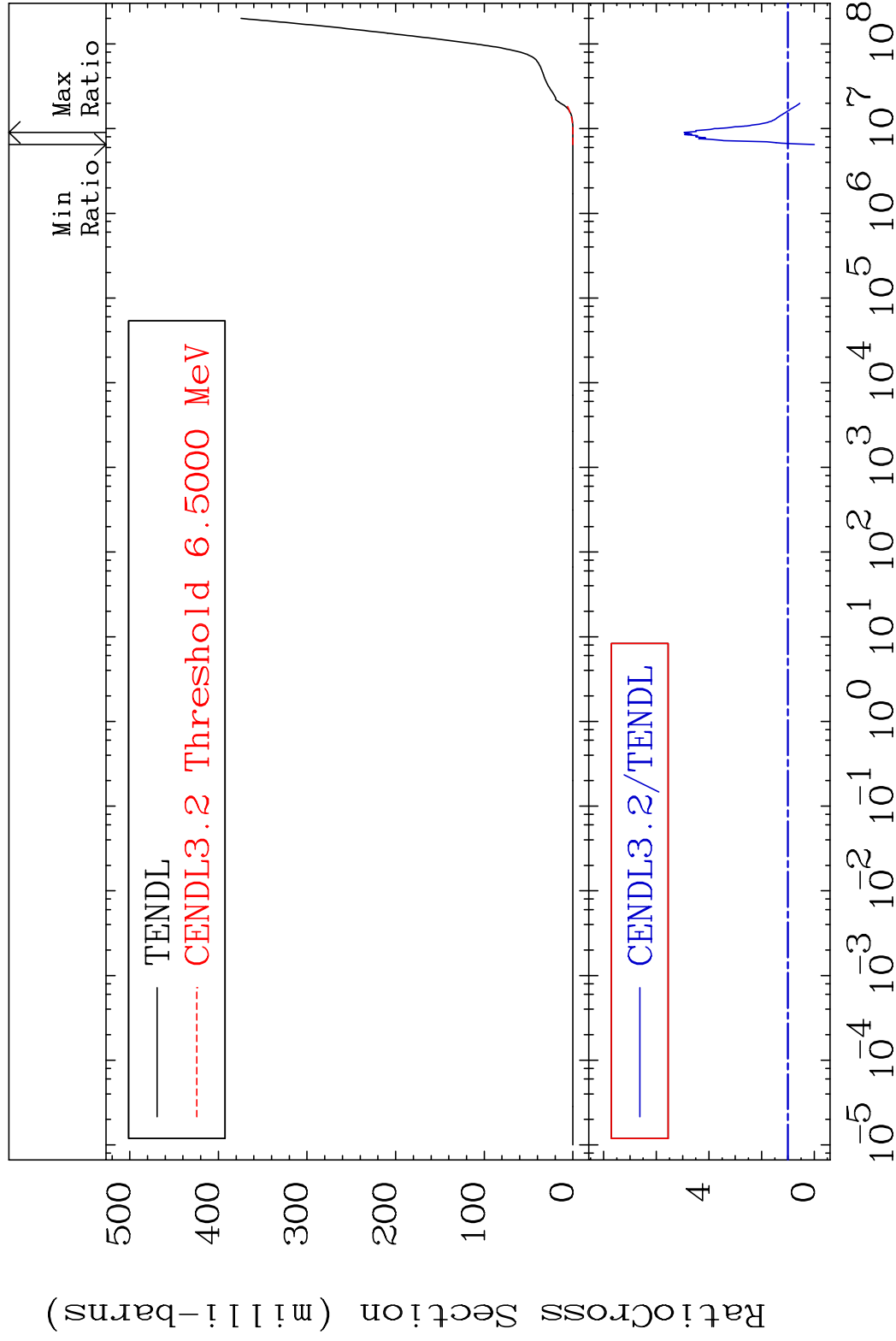


MAT 4449

He-4 Production

44-Ru-104

Cross Section -100.0 To 394.6 %

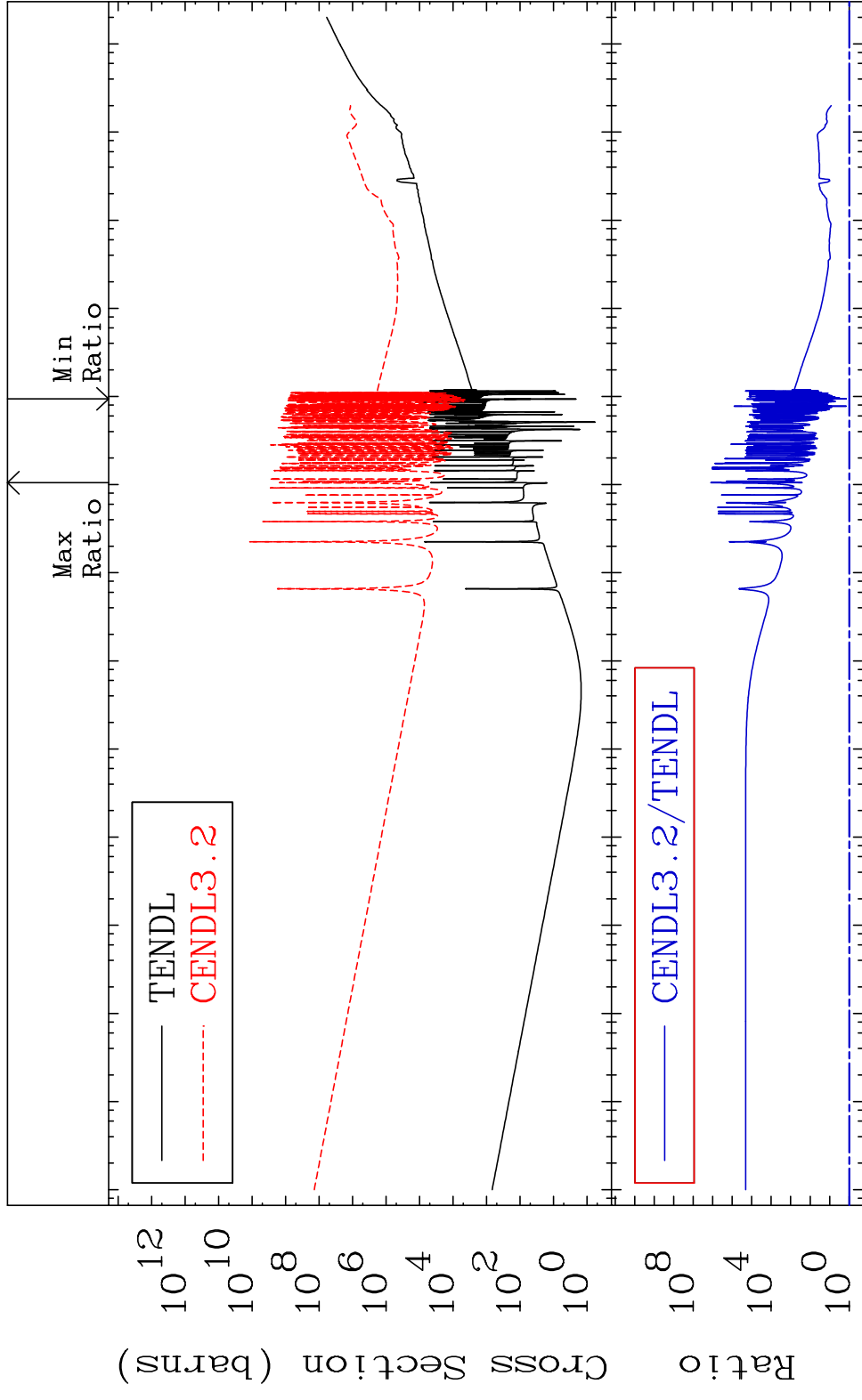


22

44-Ru-104

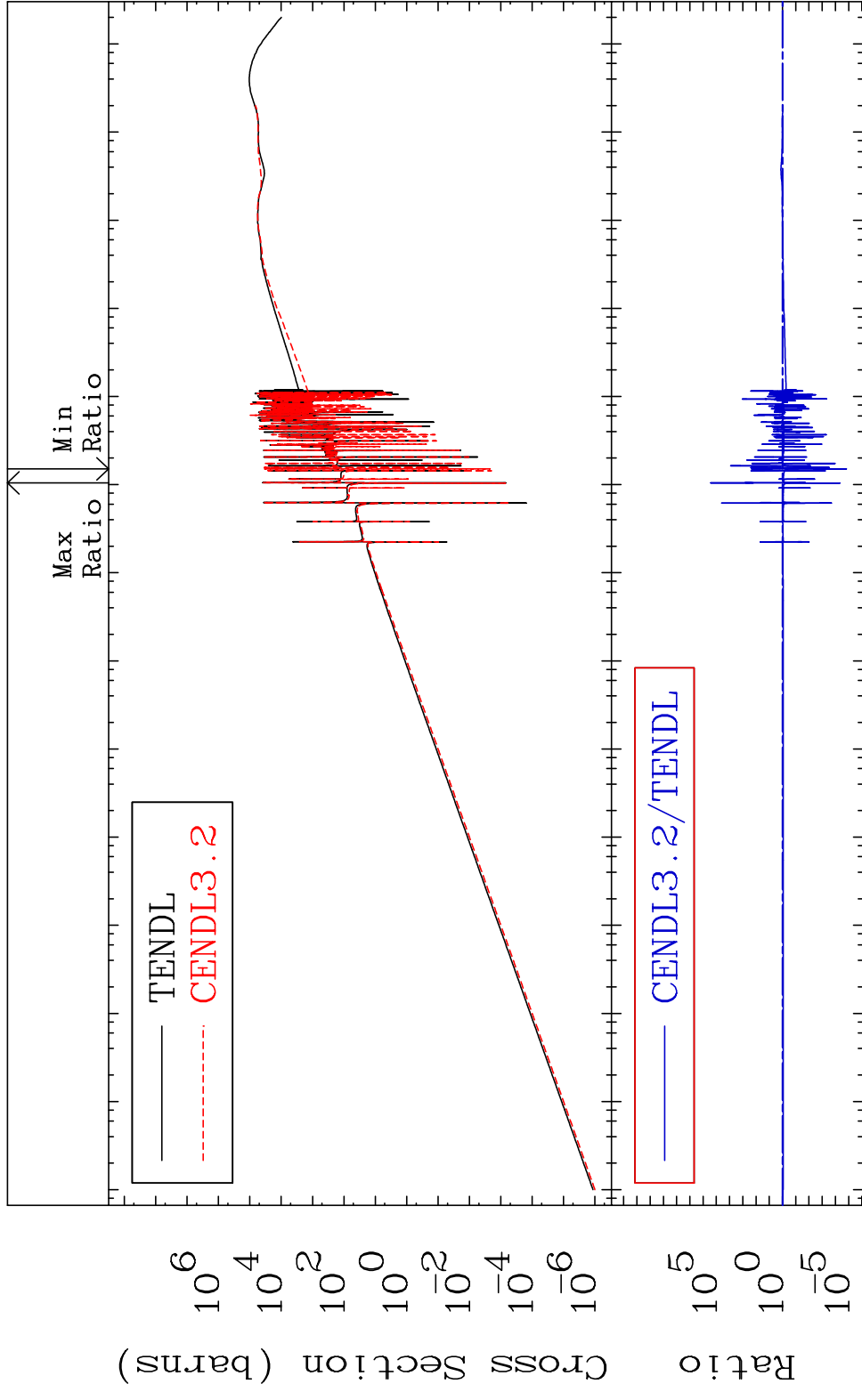
44-Ru-104

MAT 4449 Kerma total (eV-barns) 44-Ru-104
 Cross Section 39.41 To 9999. %

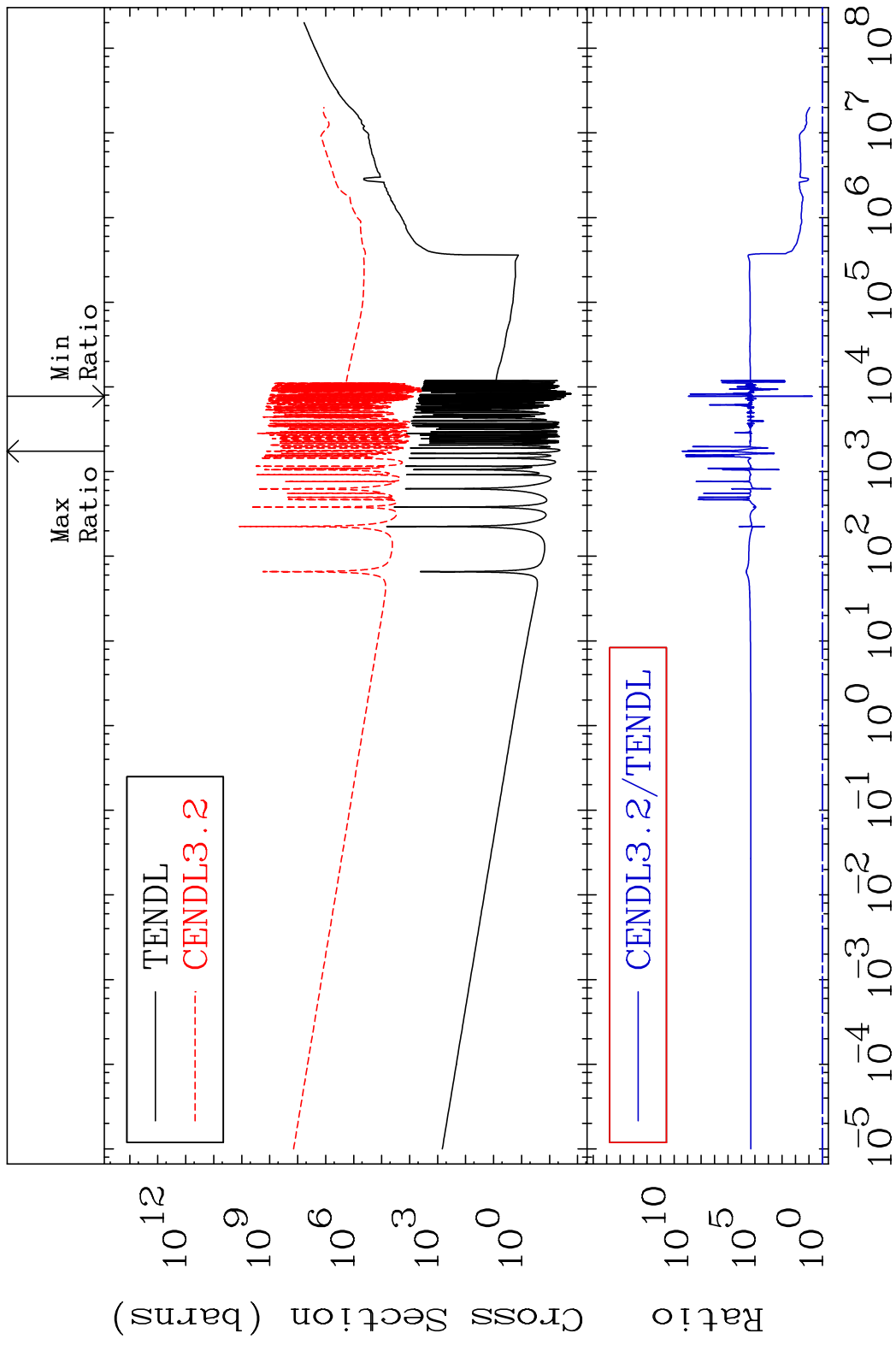


MAT 4449

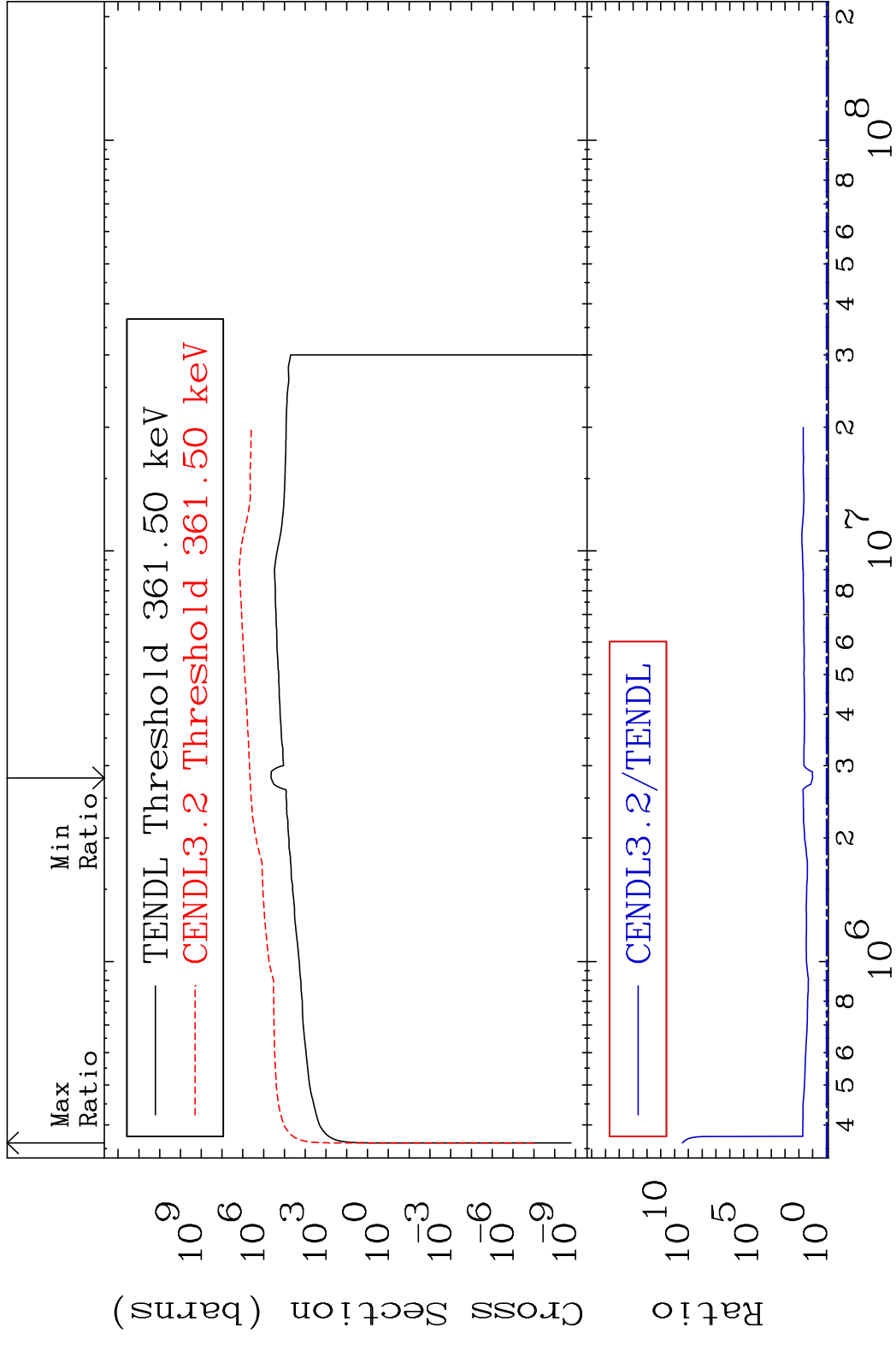
Kerma elastic
Cross Section -100.0 To 9999. %
44-Ru-104



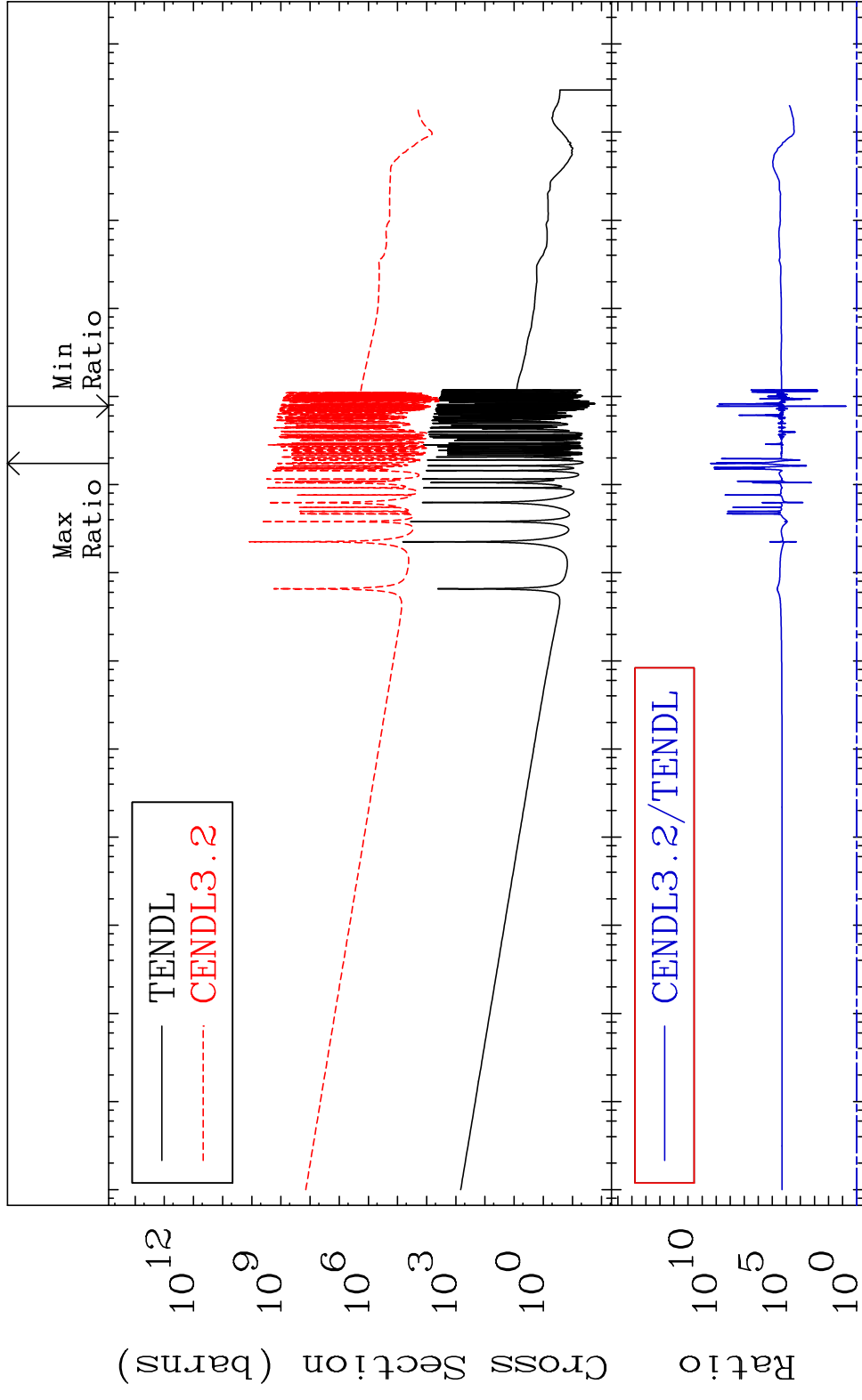
MAT 4449 Kerma non-elastic (all but mt2) 44-Ru-104
 Cross Section 439.1 To 9999. %



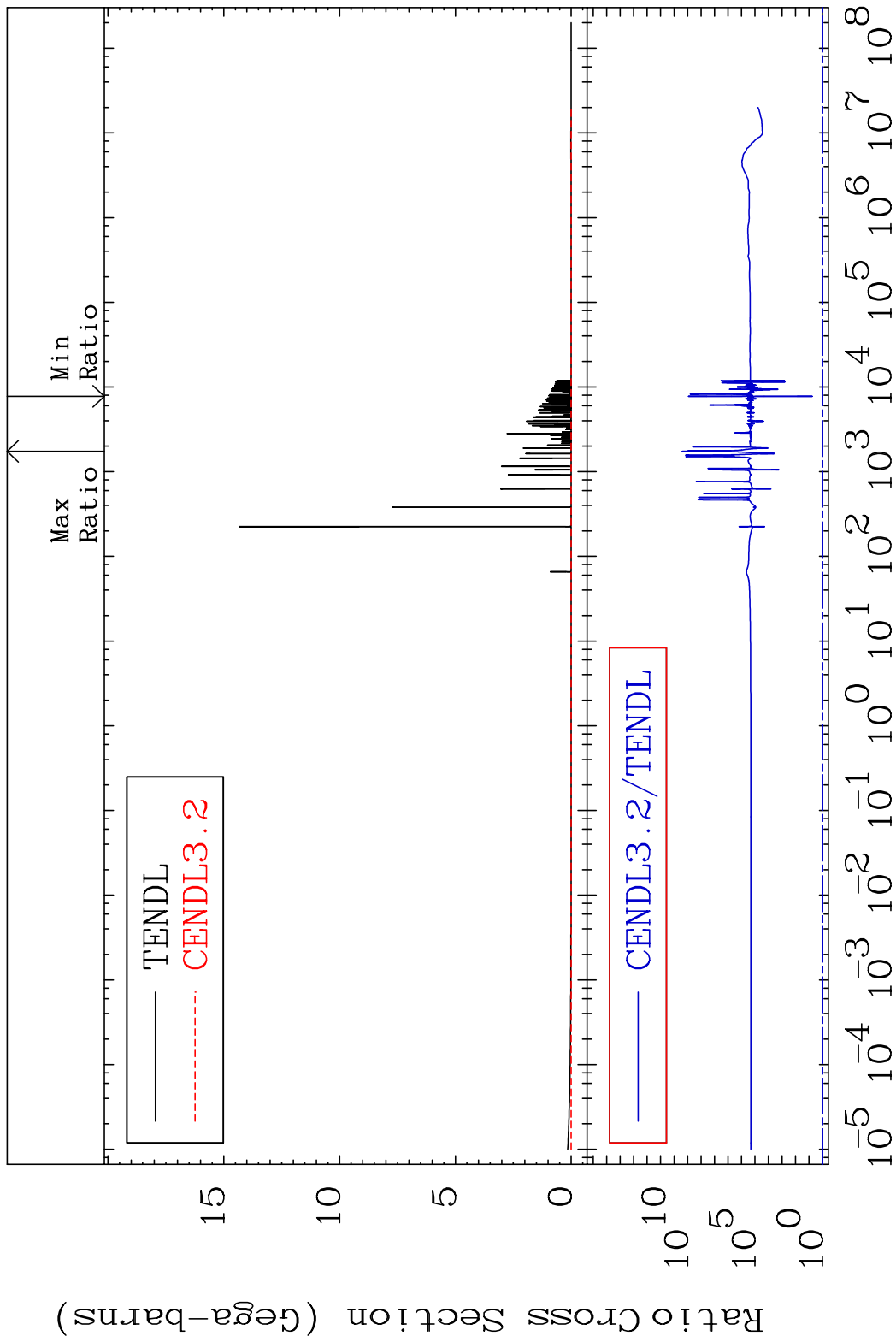
MAT 4449 Kerma inelastic (mt51-91) 44-Ru-104
 Cross Section 923.9 To 9999. %



MAT 4449 Kerma capture (mt102) 44-Ru-104
 Cross Section 439.1 To 9999. %

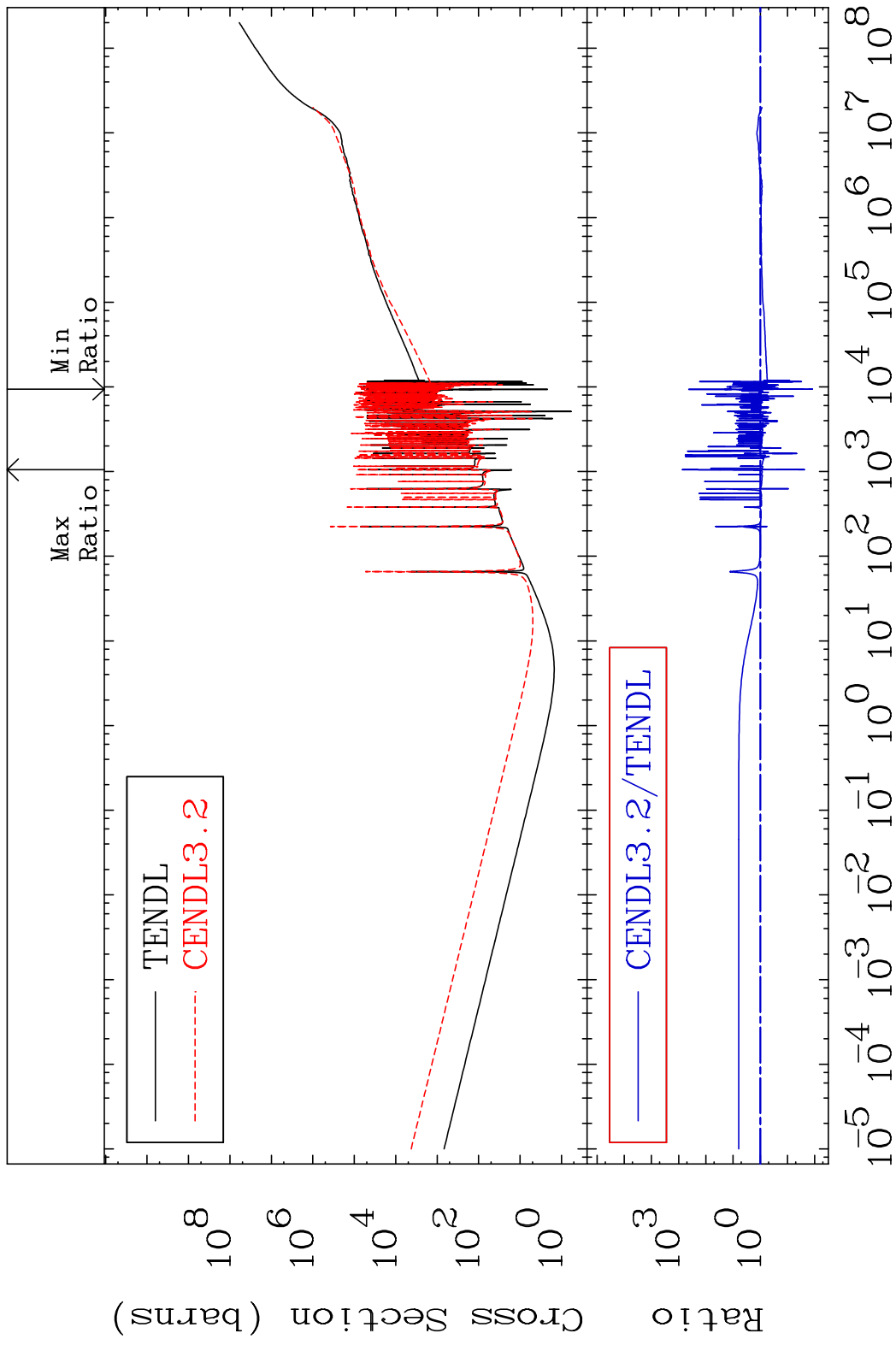


MAT 4449 Total photon (eV-barns) 44-Ru-104
 Cross Section 439.1 To 9999. %

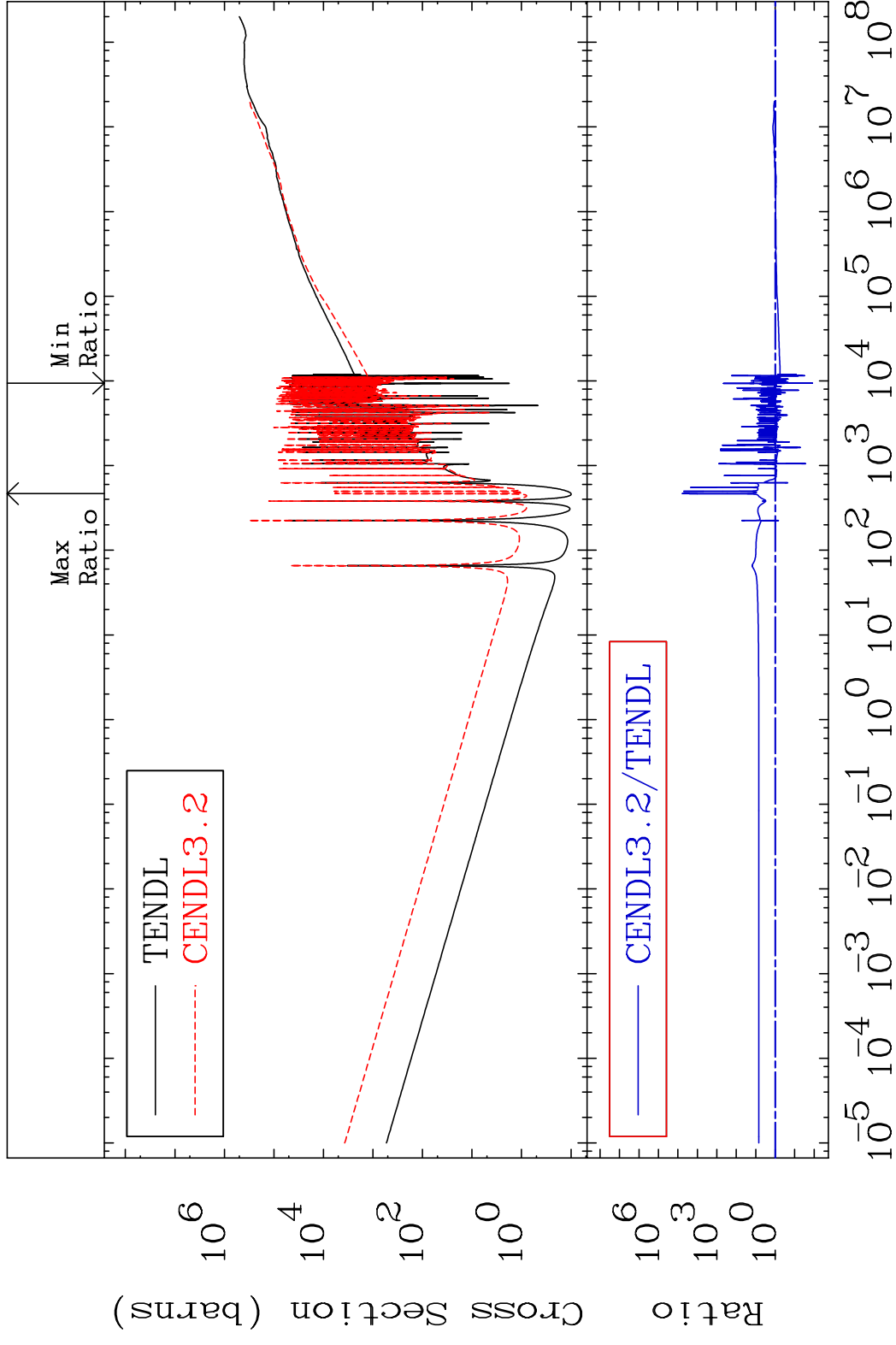


29 Incident Energy (eV) 44-Ru-104

MAT 4449 Total kinematic kerma (high limit) 44-Ru-104
 Cross Section -98.79 To 9999. %



MAT 4449 Dpa total (eV-barns) 44-Ru-104
 Cross Section -98.79 To 9999. %

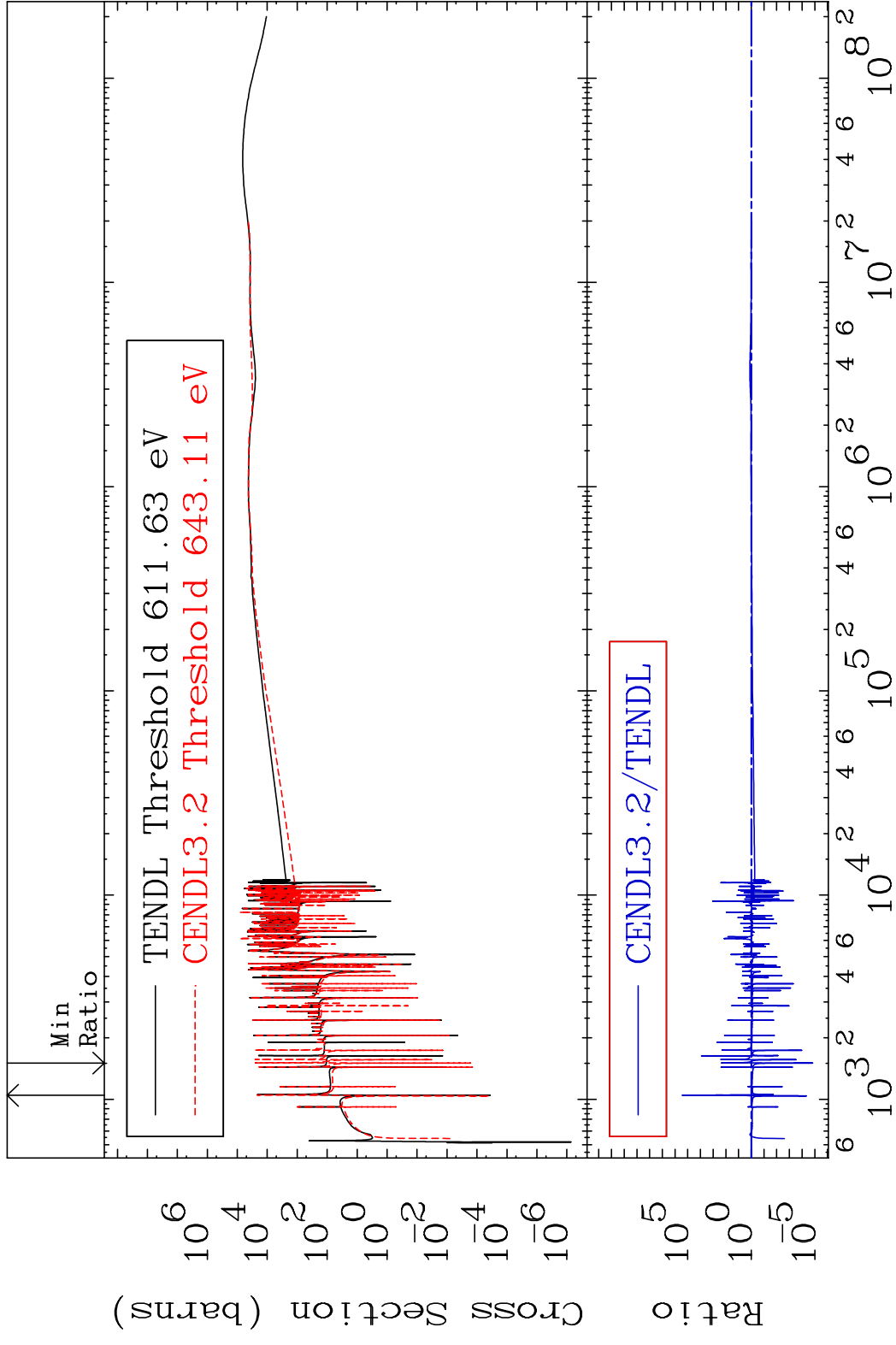


MAT 4449

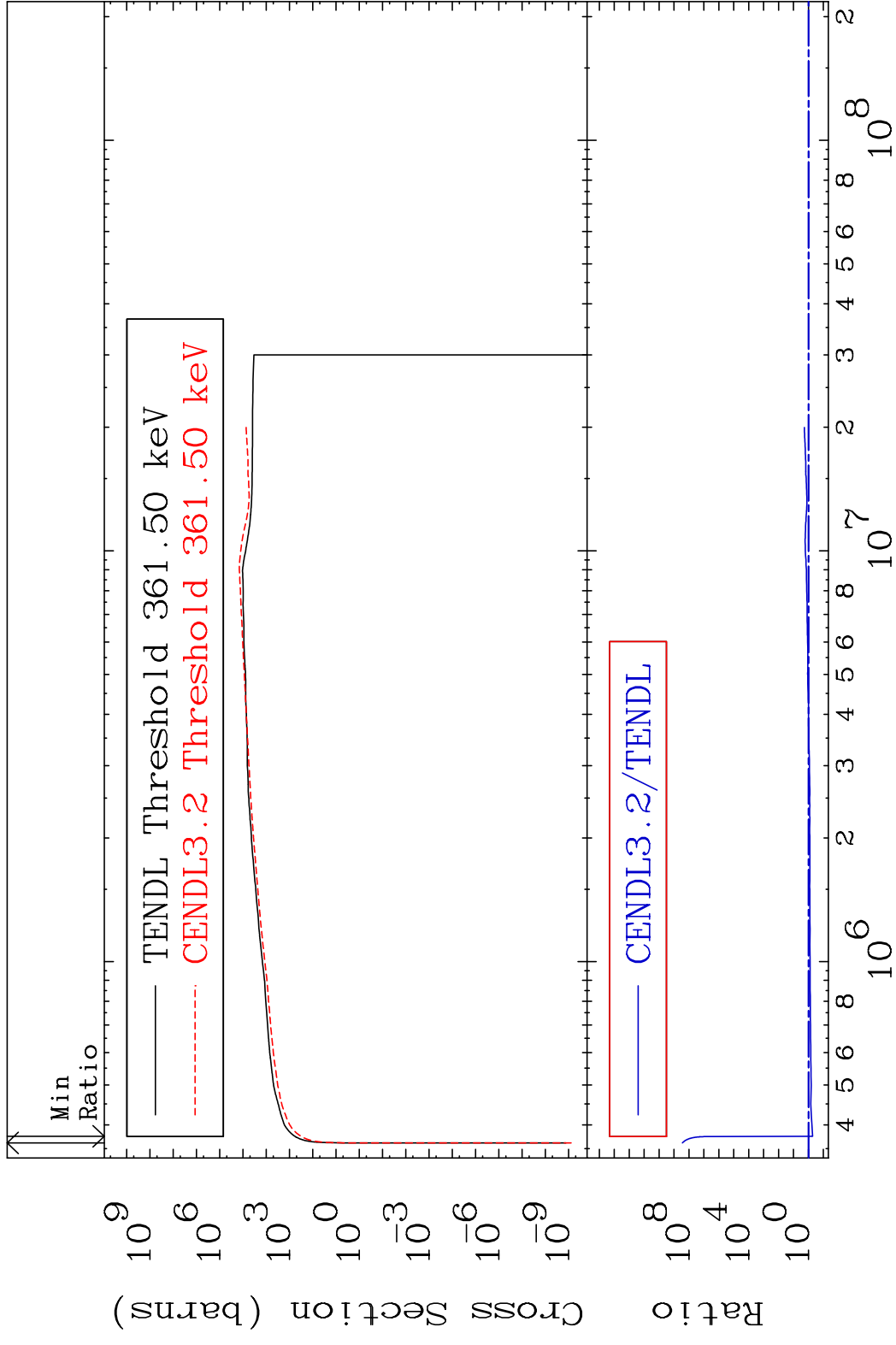
Dpa elastic (mt2)

44-Ru-104

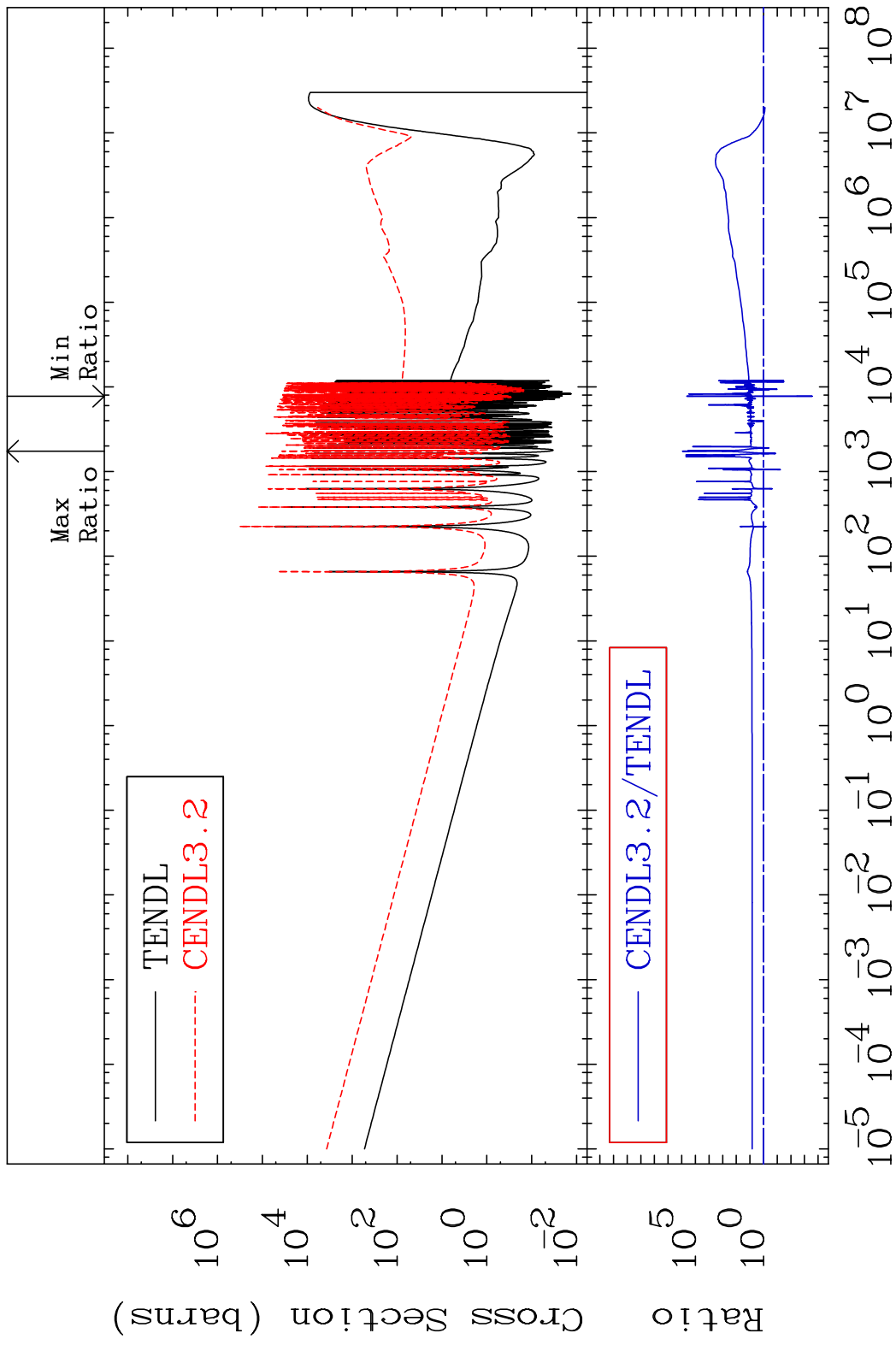
Cross Section -100.0 To 9999. %



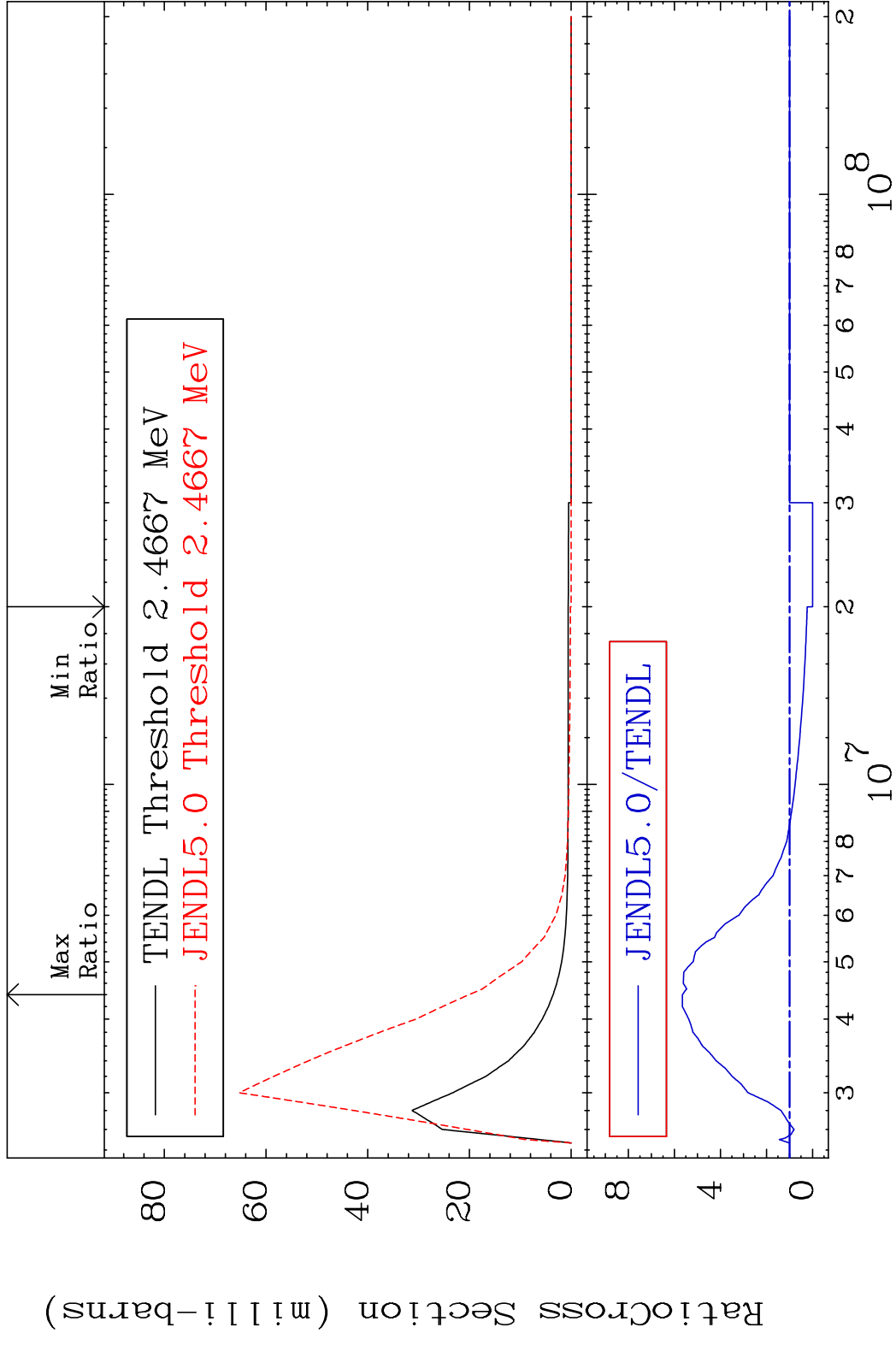
MAT 4449 Dpa inelastic (mt51-91) 44-Ru-104
 Cross Section -46.69 To 9999. %



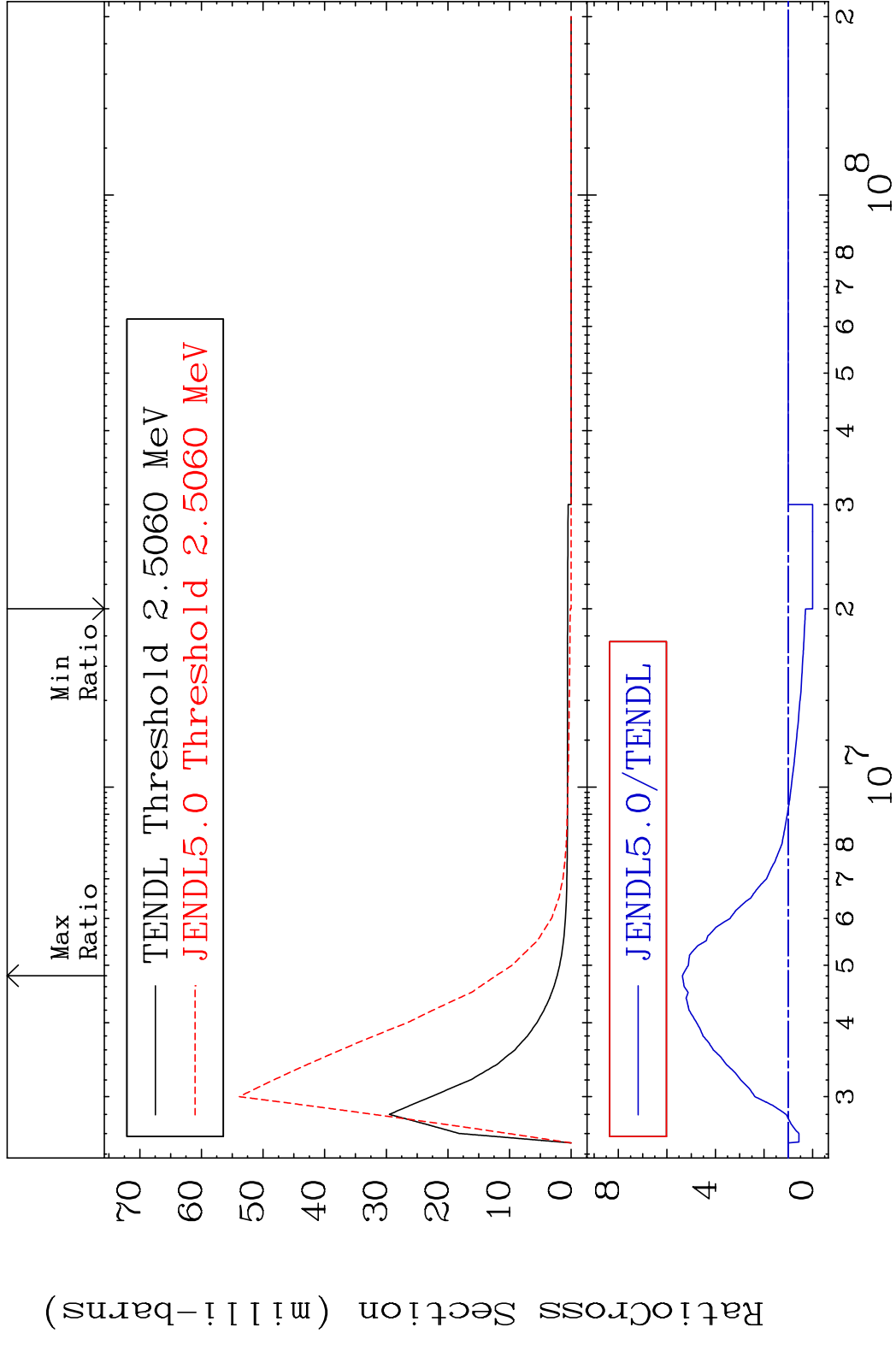
MAT 4449 Dpa disappearance (mt102 -120) 44-Ru-104
 Cross Section -99.97 To 9999. %



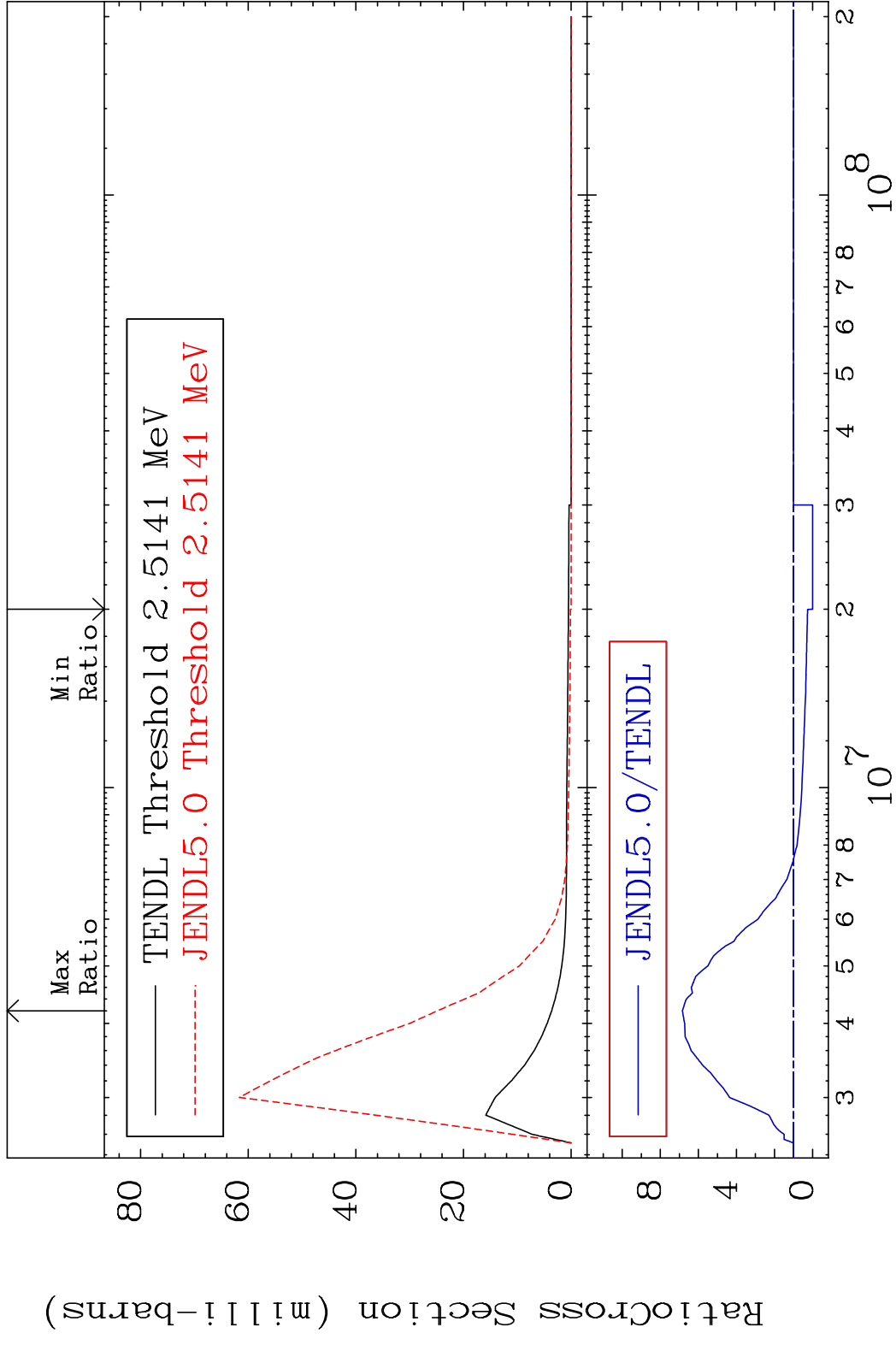
MAT 4449 MT= 76 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 465.5 %



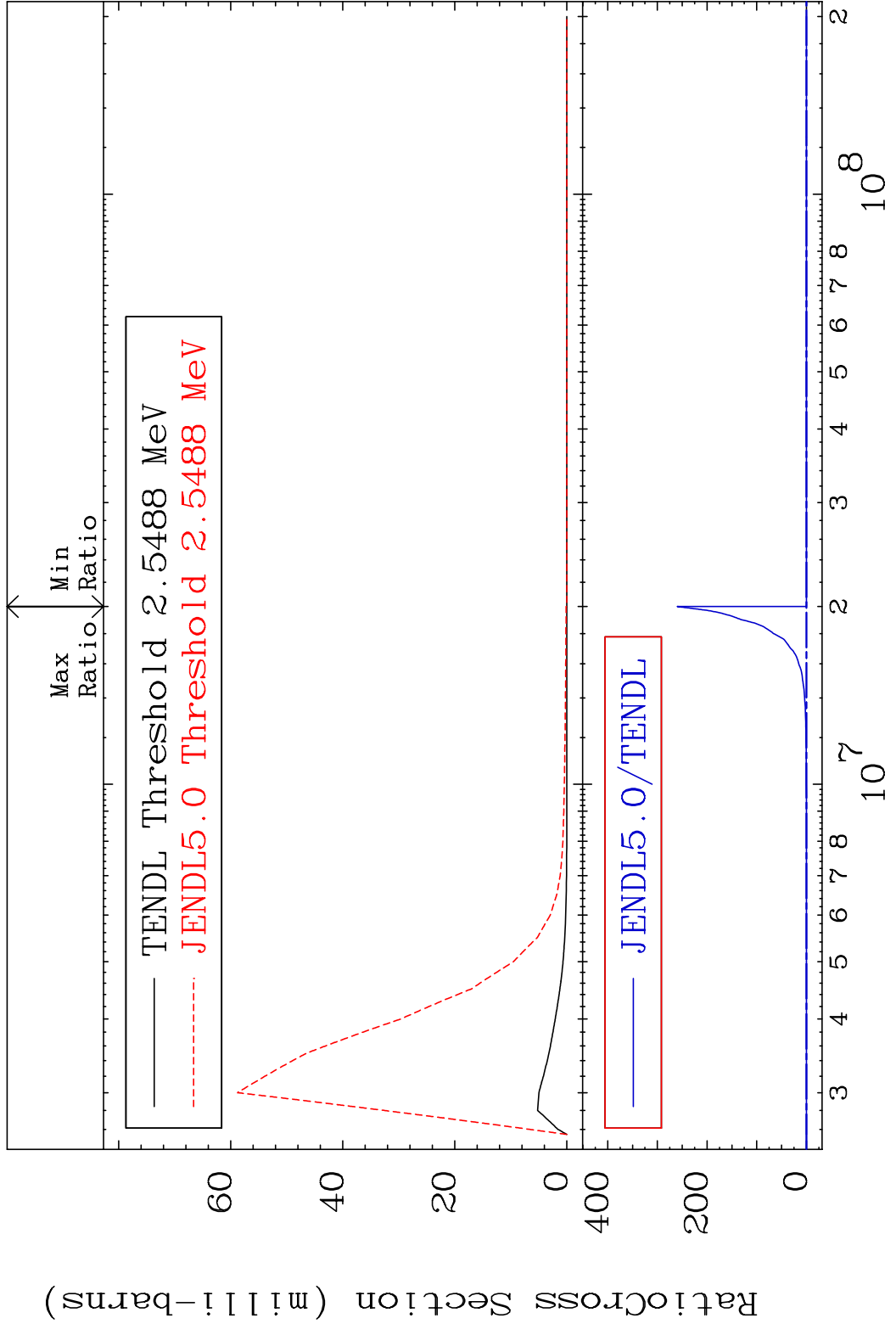
MAT 4449 MT= 77 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 436.5 %



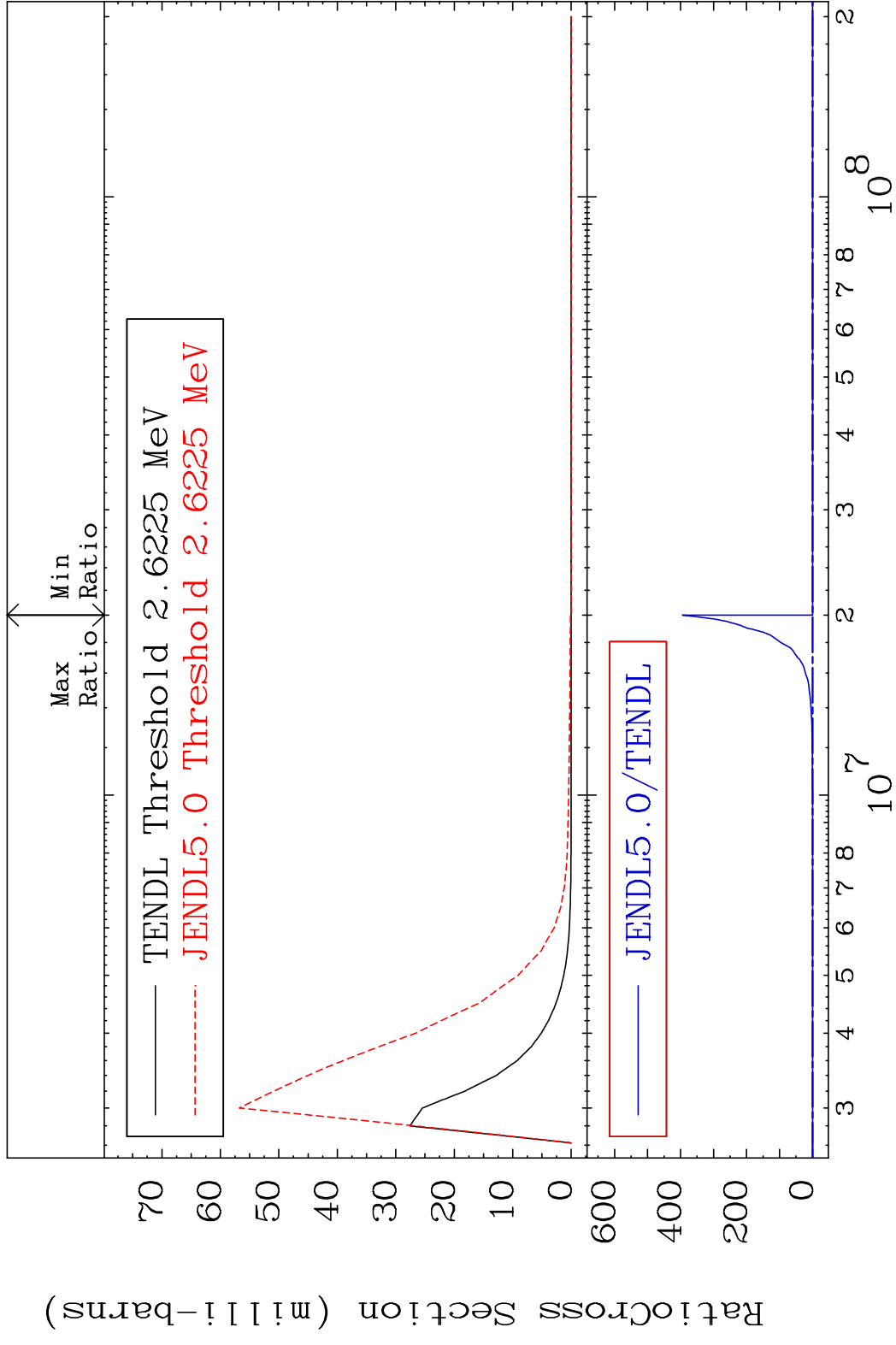
MAT 4449 MT= 78 (n,n') Level 44-Ru-104
 Cross Section -100.0 To 584.3 %



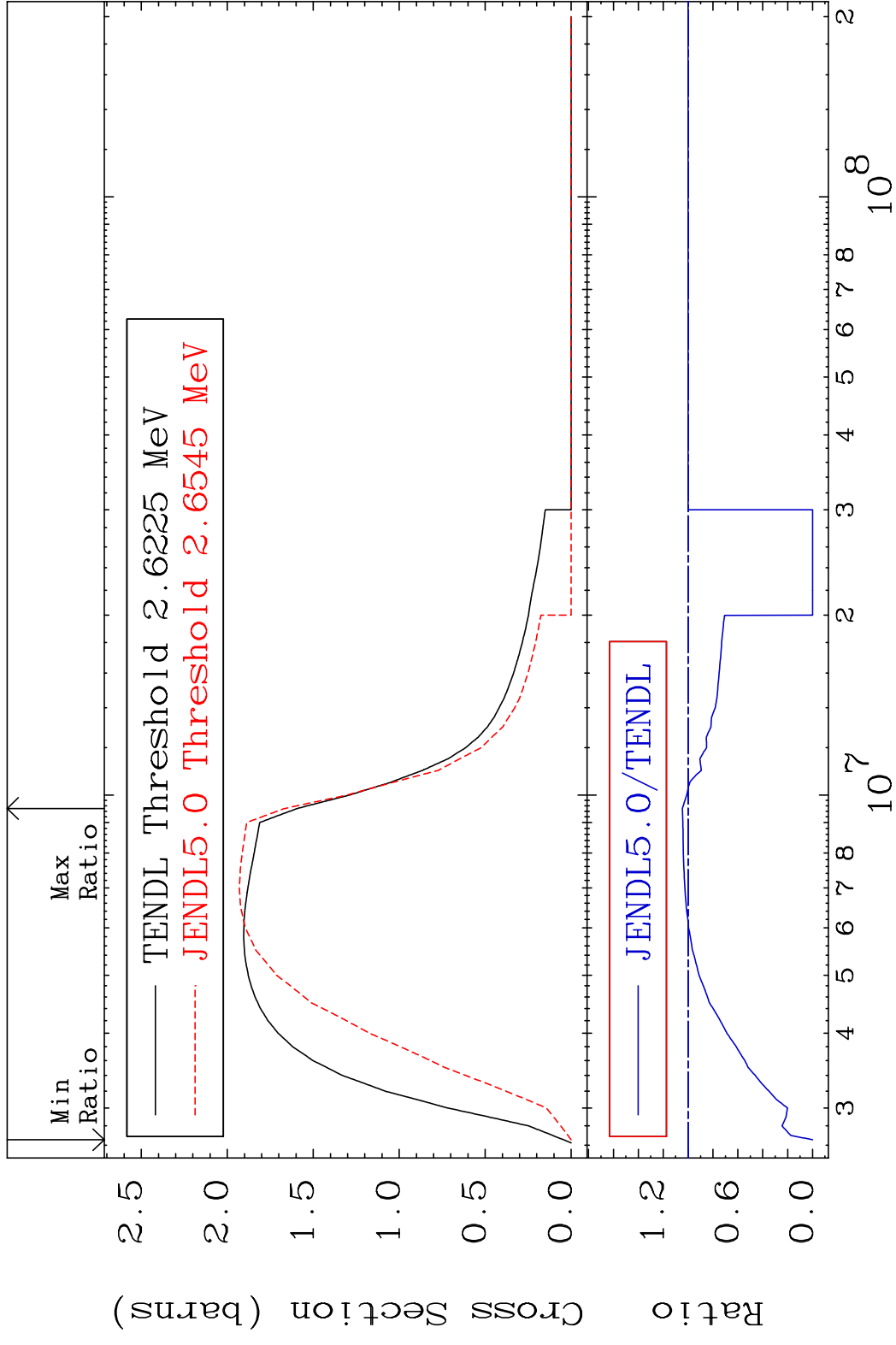
MAT 4449 MT= 79 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 9999. %



MAT 4449 MT= 80 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 9999. %



MAT 4449 (n, n') Continuum 44-Ru-104
 Cross Section -100.0 To 4.610 %



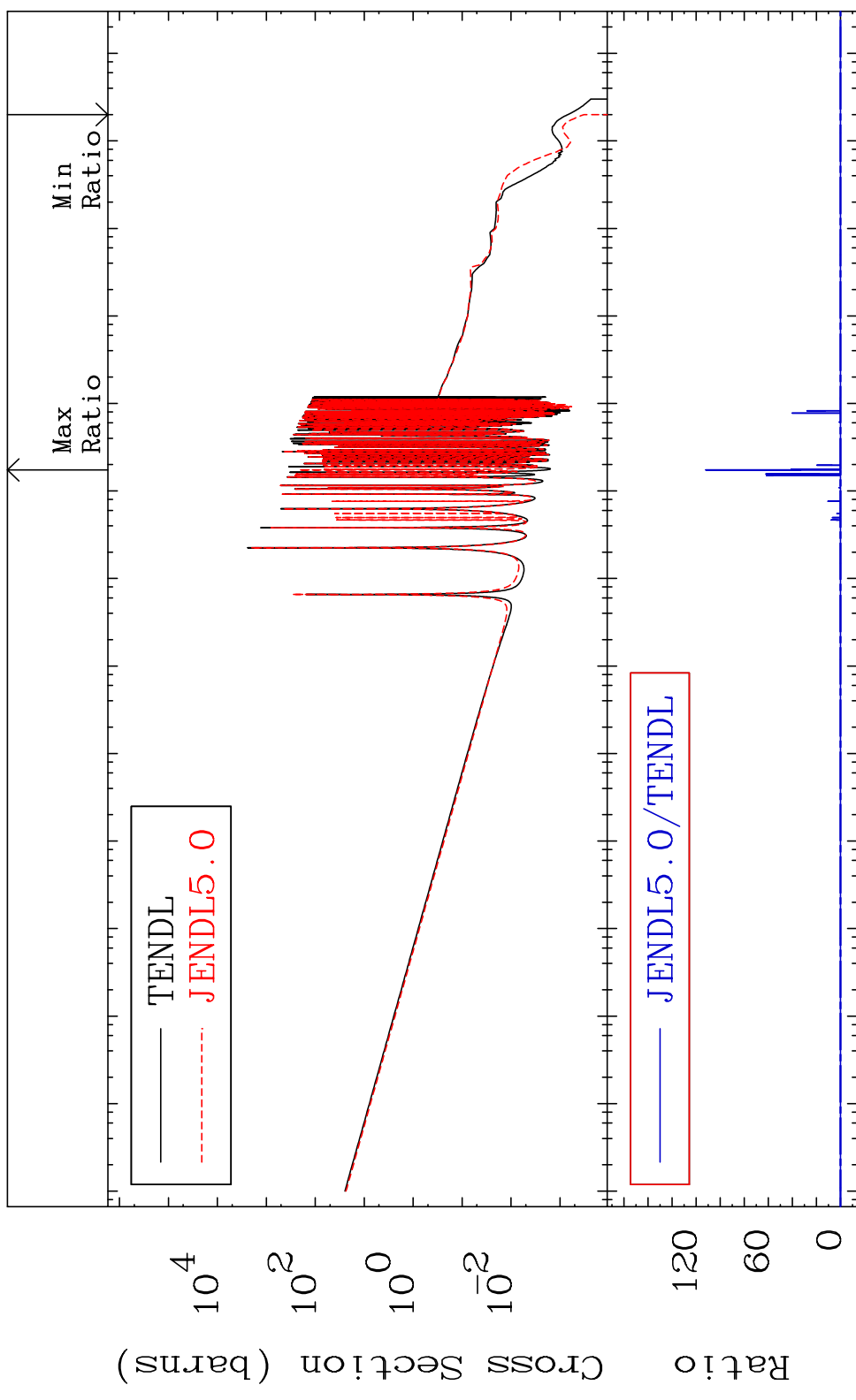
40 44-Ru-104

MAT 4449

(n, γ)

44-Ru-104

Cross Section -100.0 To 9999. %

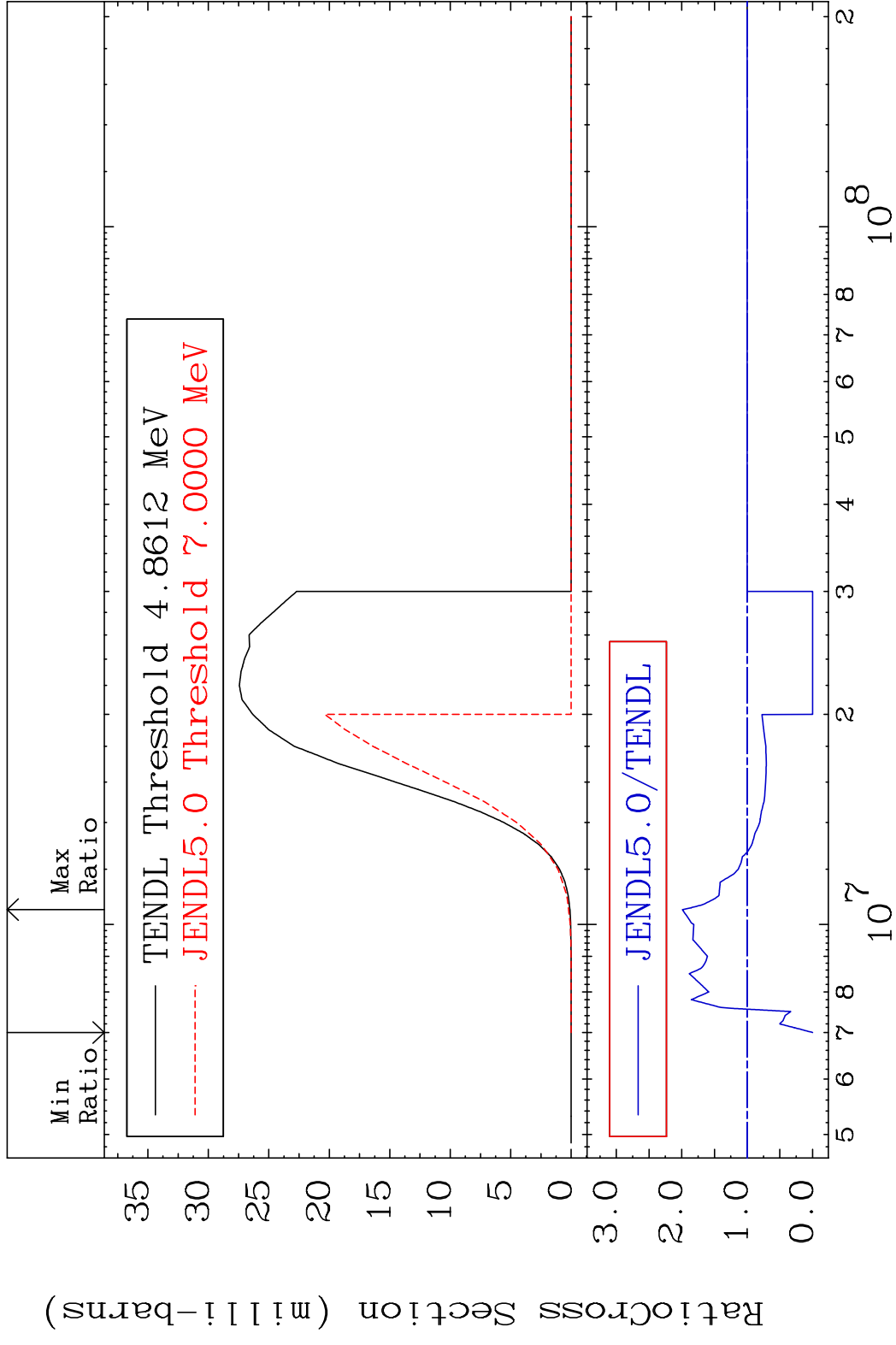


41

Incident Energy (eV)

44-Ru-104

MAT 4449 (n,p) 44-Ru-104
 Cross Section -100.0 To 99.05 %

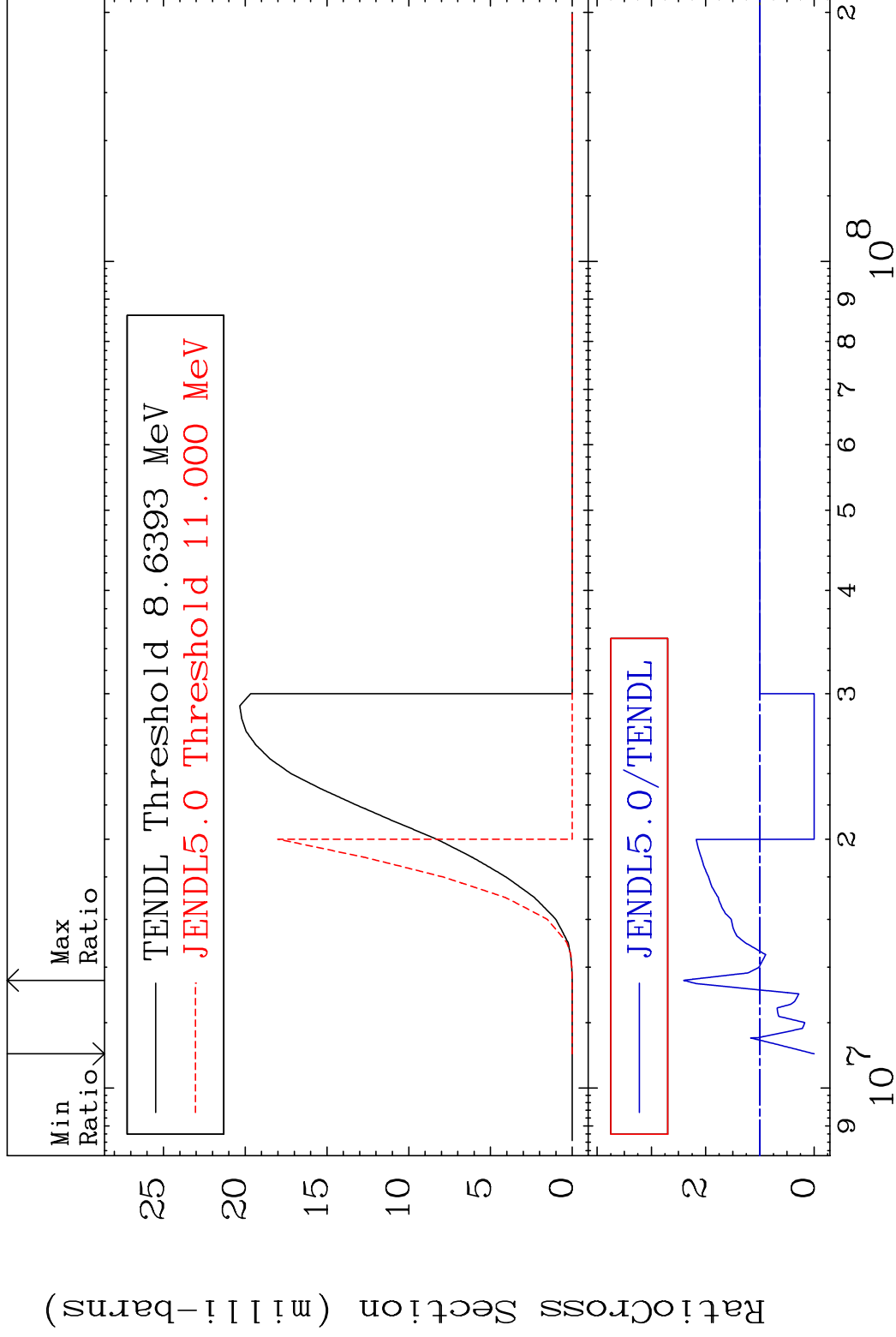


MAT 4449

(n, d)

44-Ru-104

Cross Section -100.0 To 140.5 %



43

Incident Energy (eV)

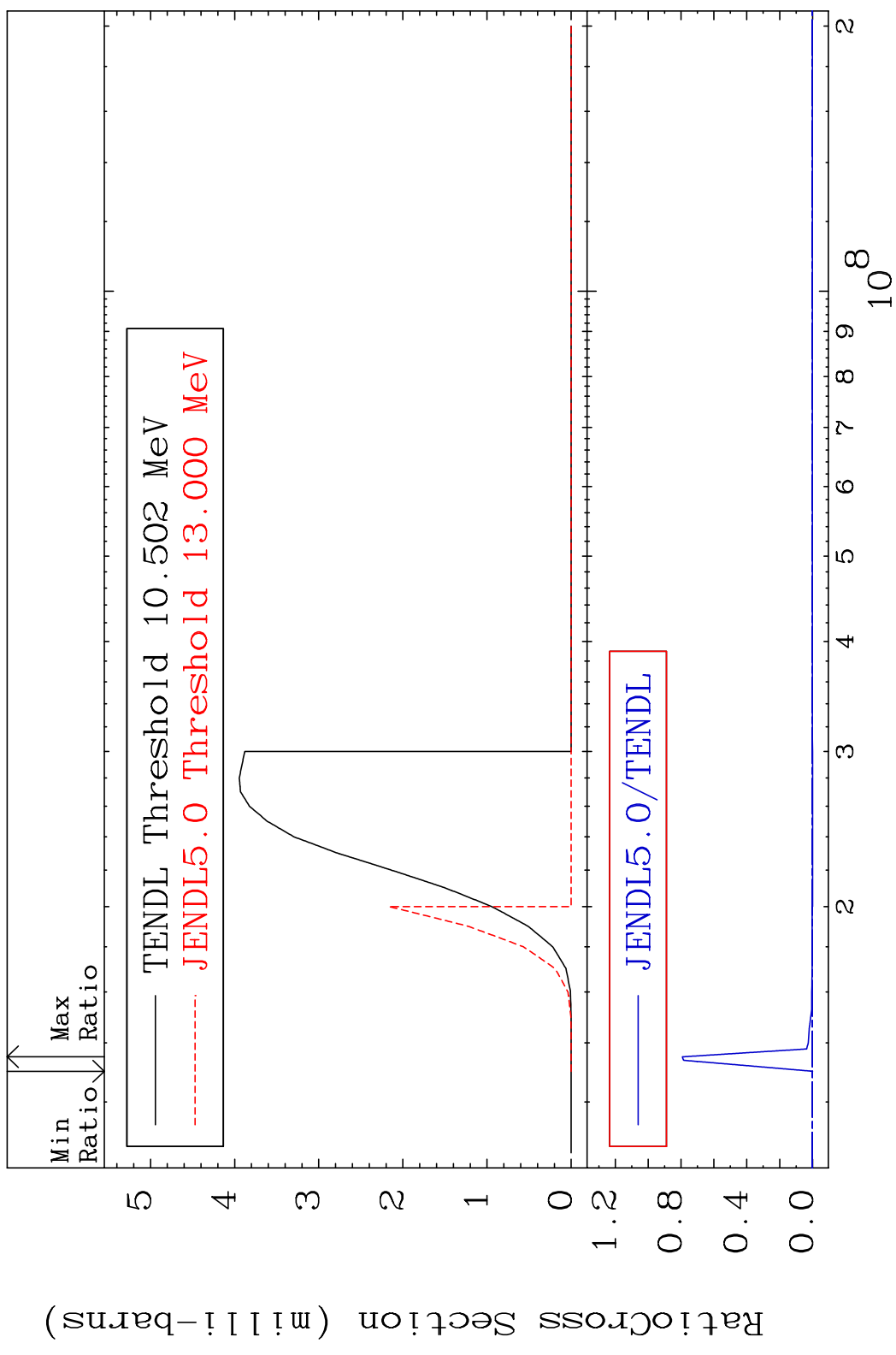
44-Ru-104

MAT 4449

(n, t)

44-Ru-104

Cross Section -100.0 To 9999. %

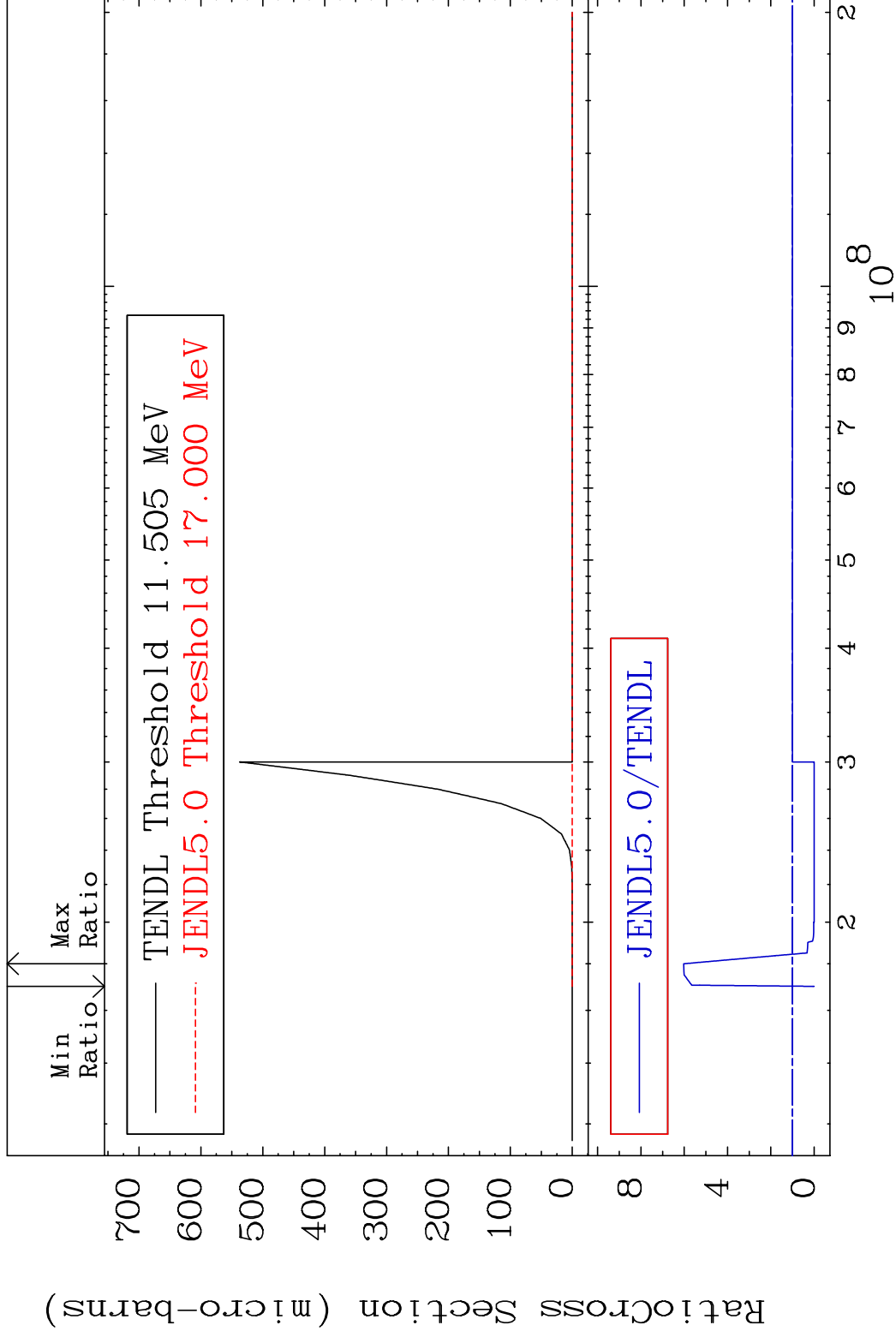


MAT 4449

(n, He-3)

44-Ru-104

Cross Section -100.0 To 502.6 %



45

Incident Energy (eV)

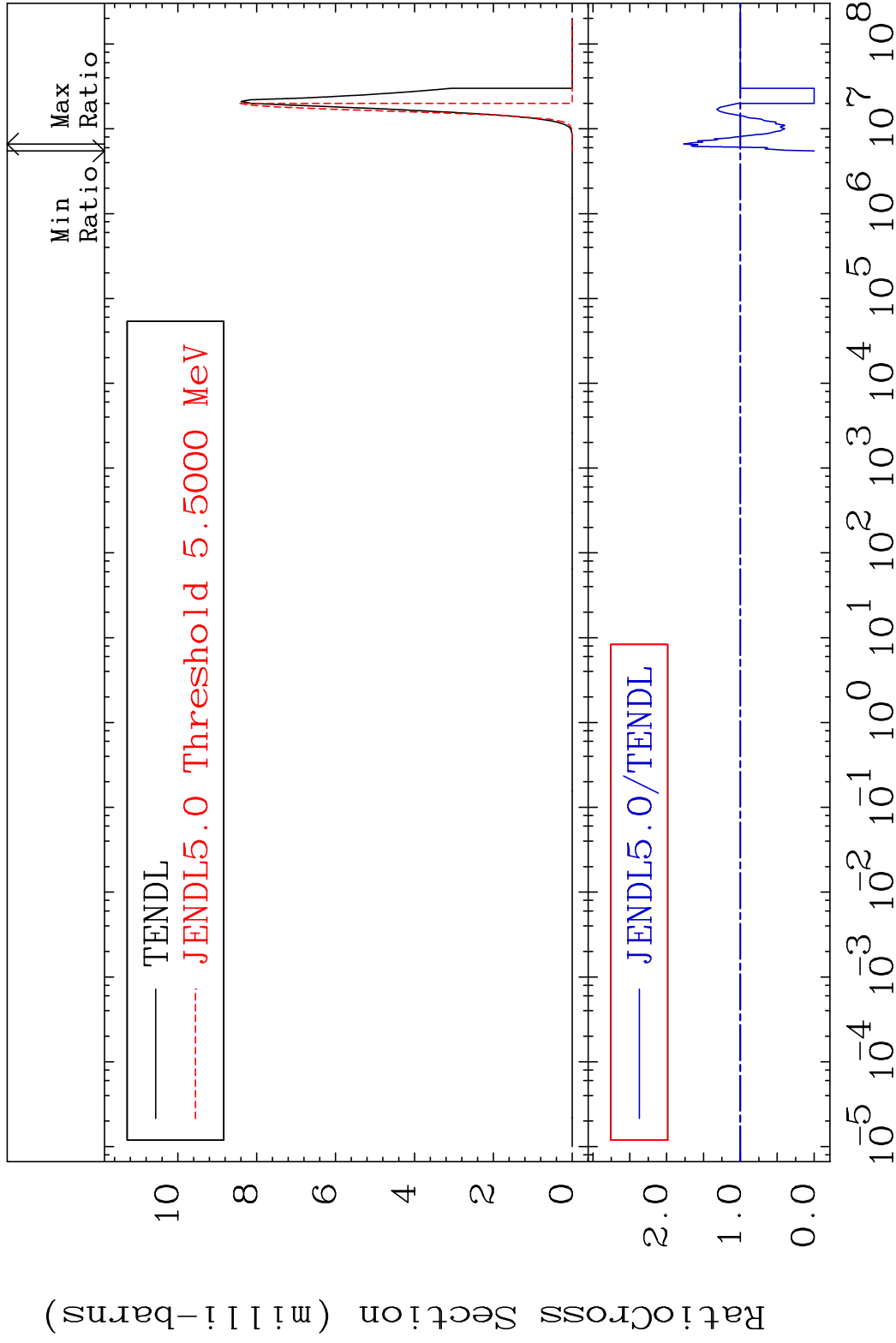
44-Ru-104

MAT 4449

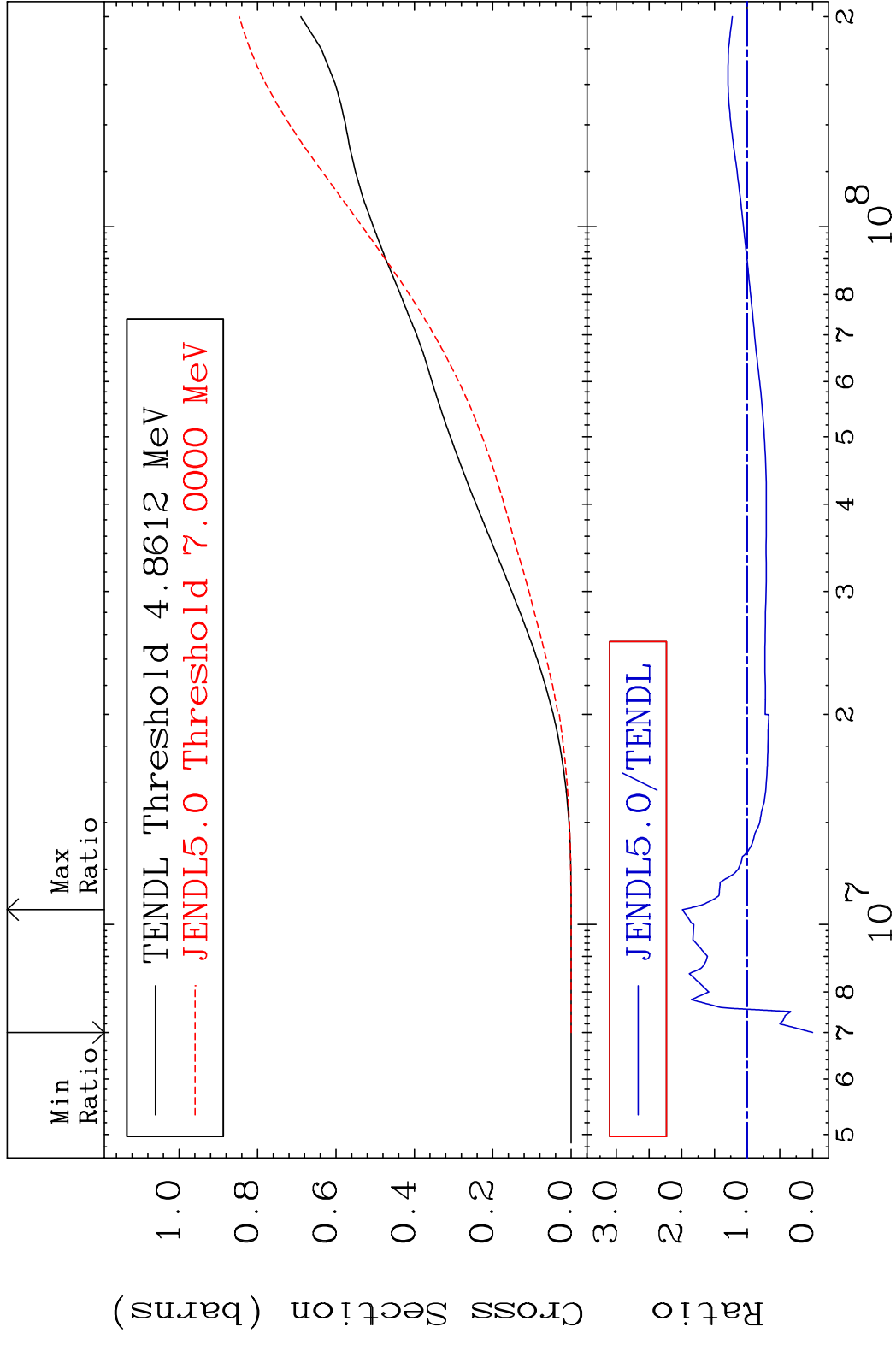
(n, α)

44-Ru-104

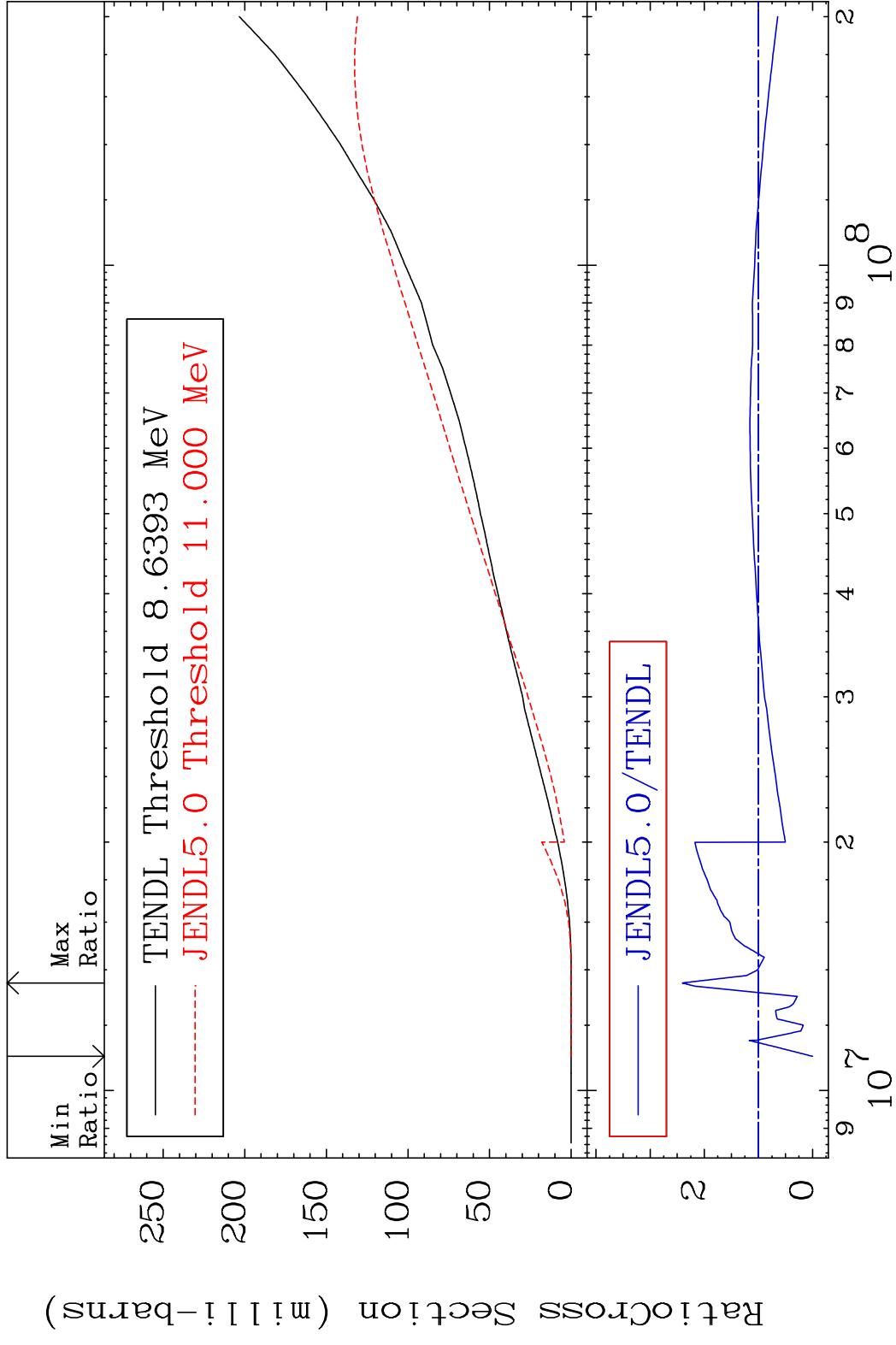
Cross Section -100.0 To 76.90 %



MAT 4449 Hydrogen Production 44-Ru-104
 Cross Section -100.0 To 99.05 %

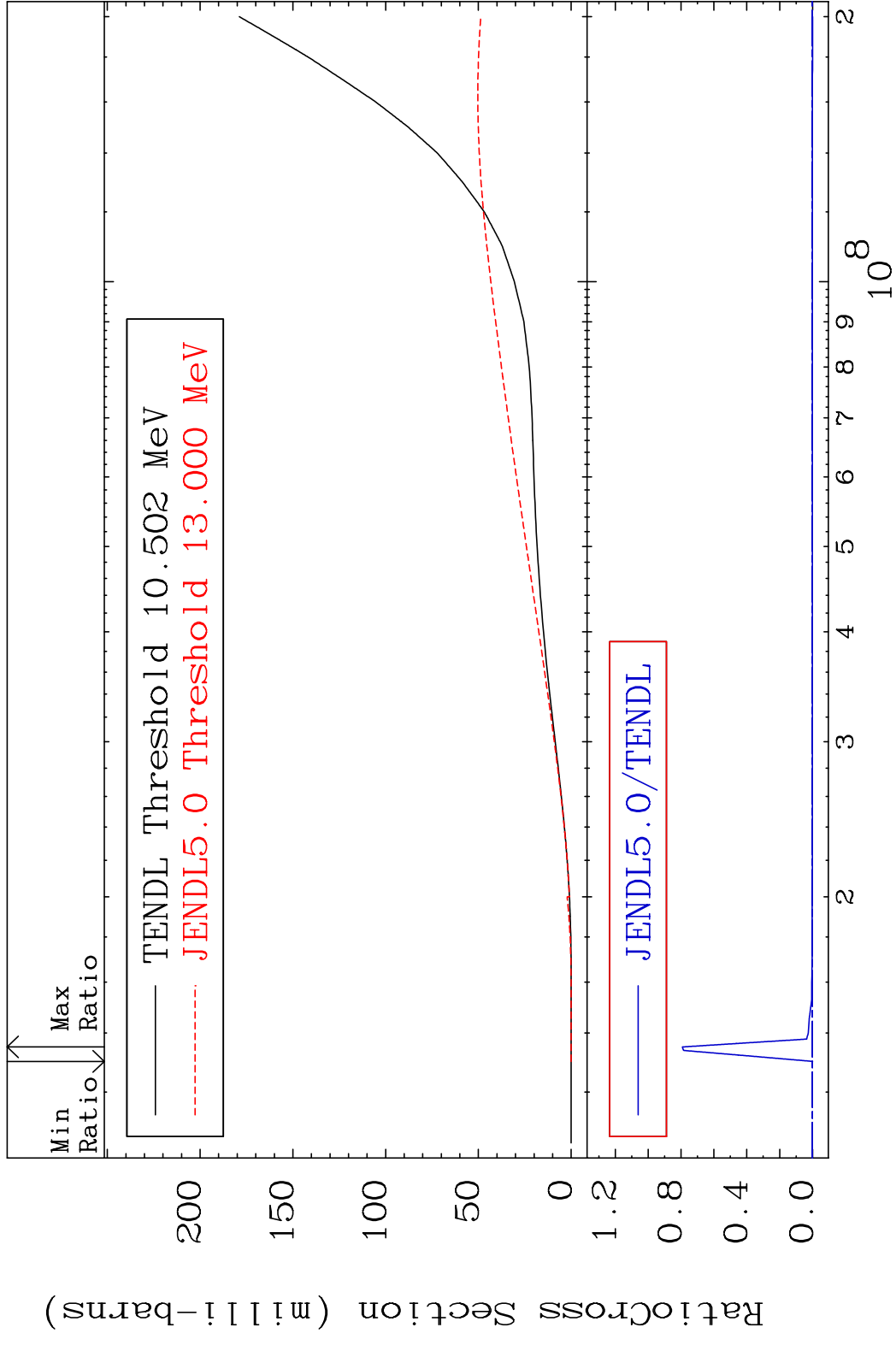


MAT 4449 Deuterium Production 44-Ru-104
 Cross Section -100.0 To 140.5 %



48 44-Ru-104

MAT 4449 Tritium Production 44-Ru-104
 Cross Section -100.0 To 9999. %

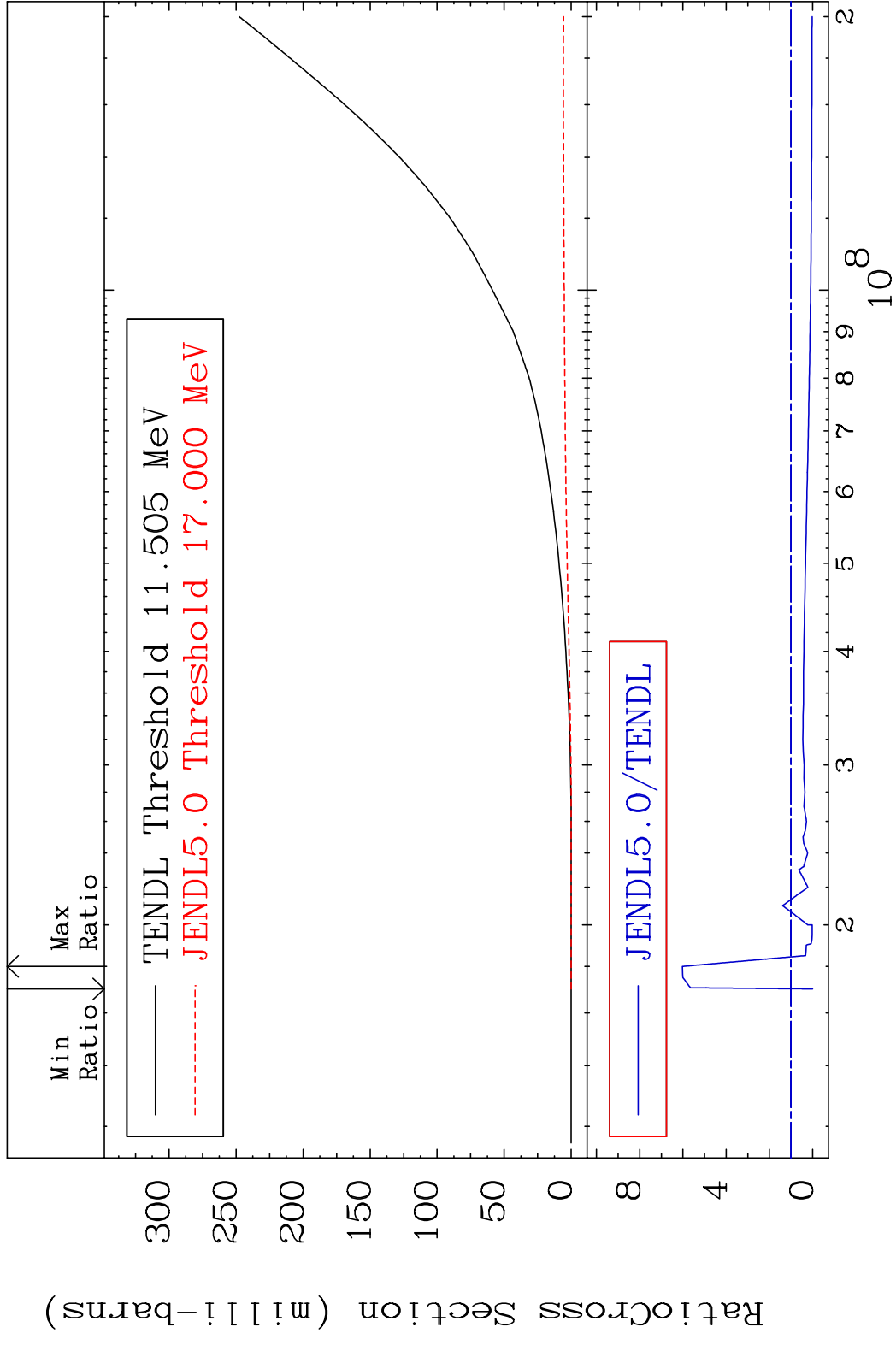


MAT 4449

He-3 Production

44-Ru-104

Cross Section -100.0 To 502.6 %



50

Incident Energy (eV)

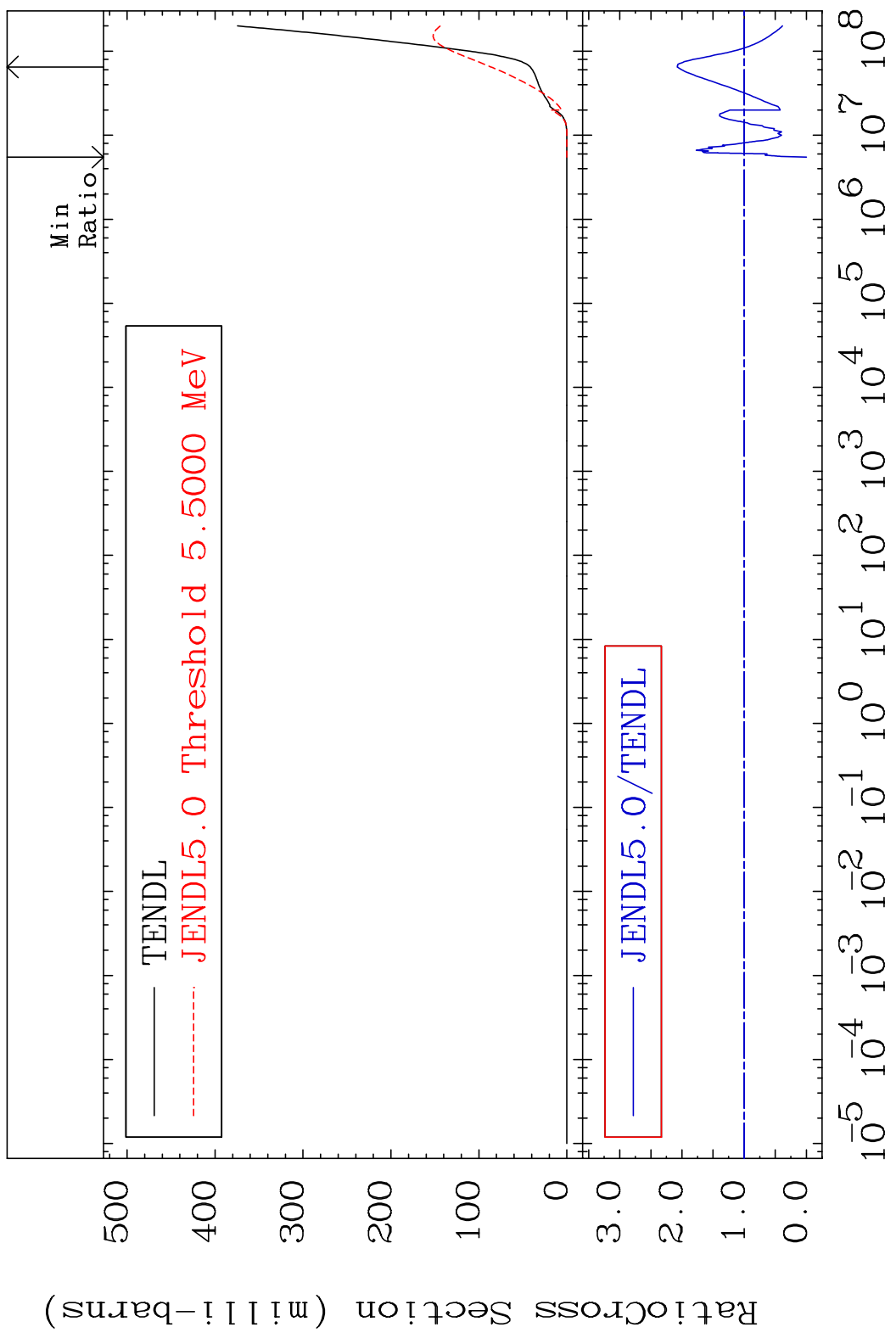
44-Ru-104

MAT 4449

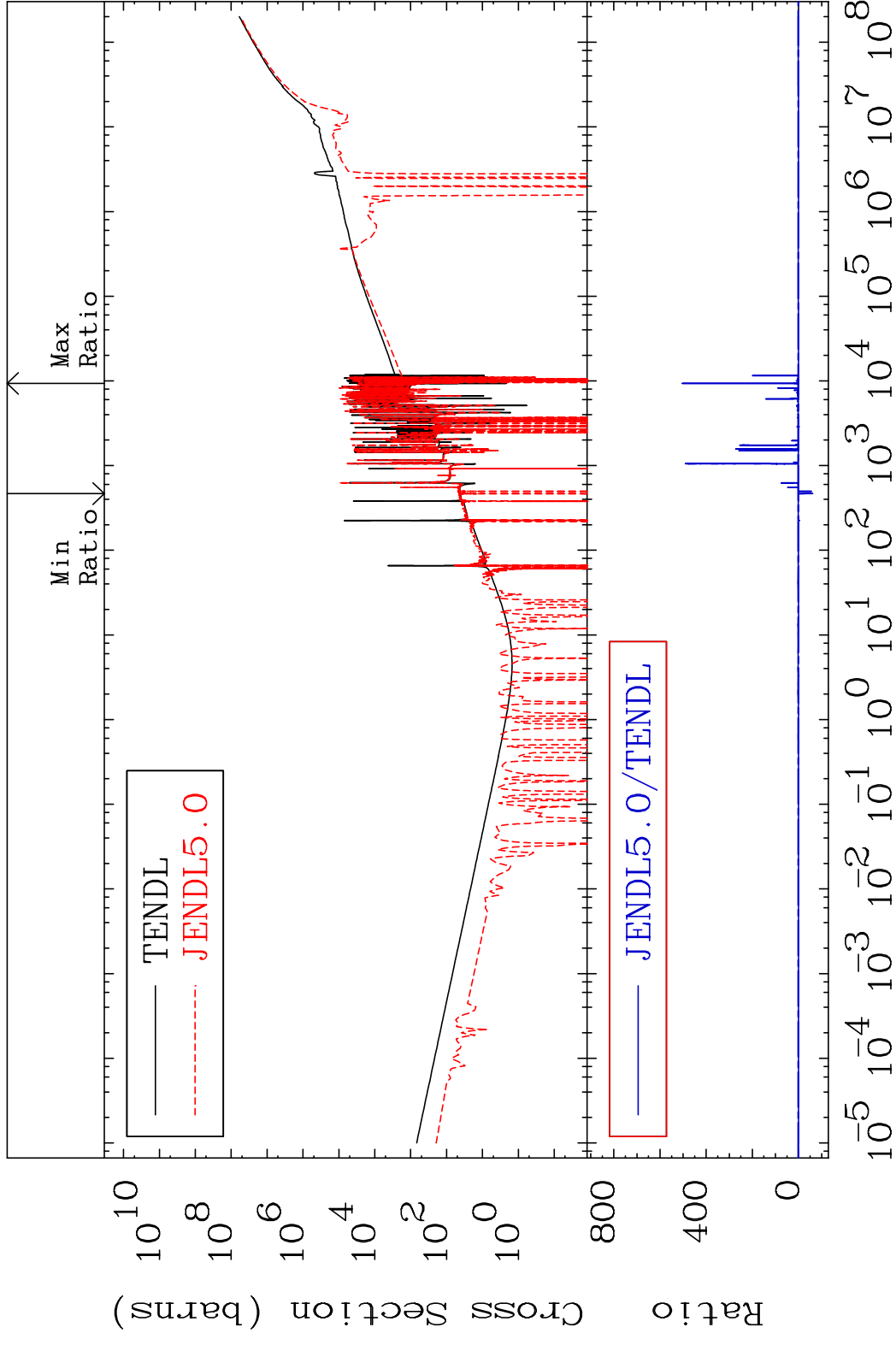
He-4 Production

44-Ru-104

Cross Section -100.0 To 107.7 %

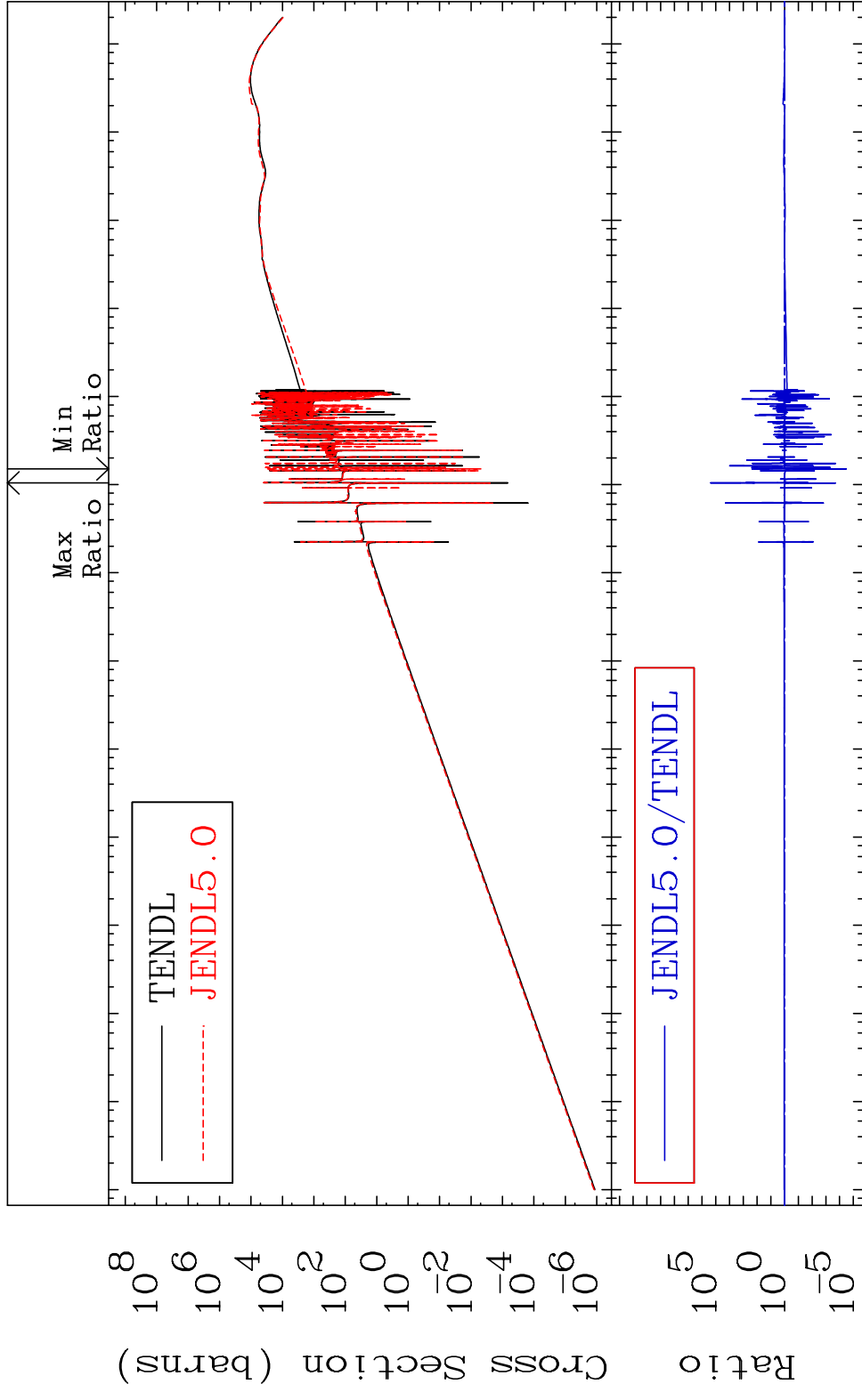


MAT 4449 Kerma total (eV-barns) 44-Ru-104
 Cross Section -6169. To 9999. %

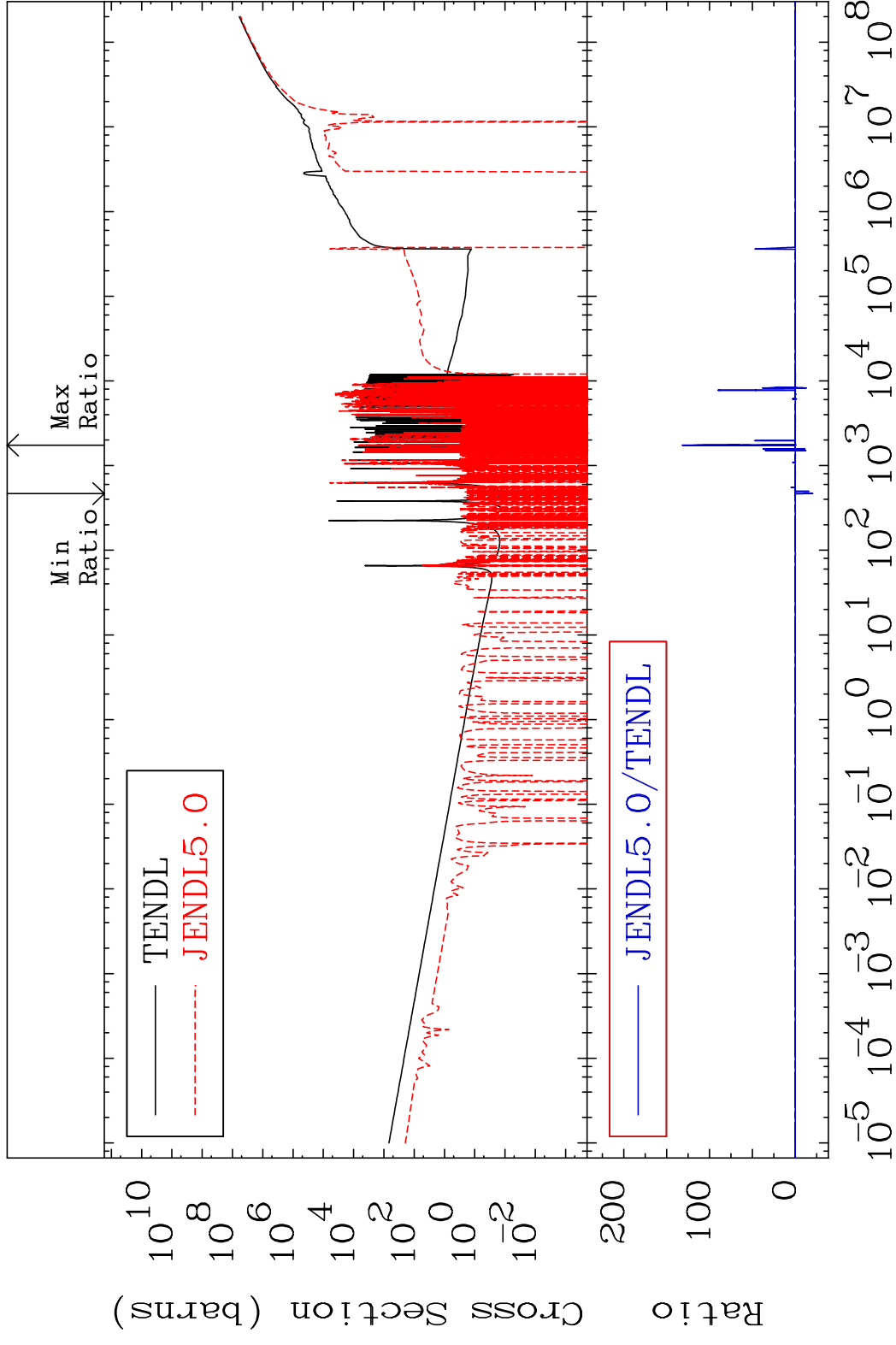


MAT 4449

Kerma elastic Cross Section -100.0 To 9999. %
44-Ru-104

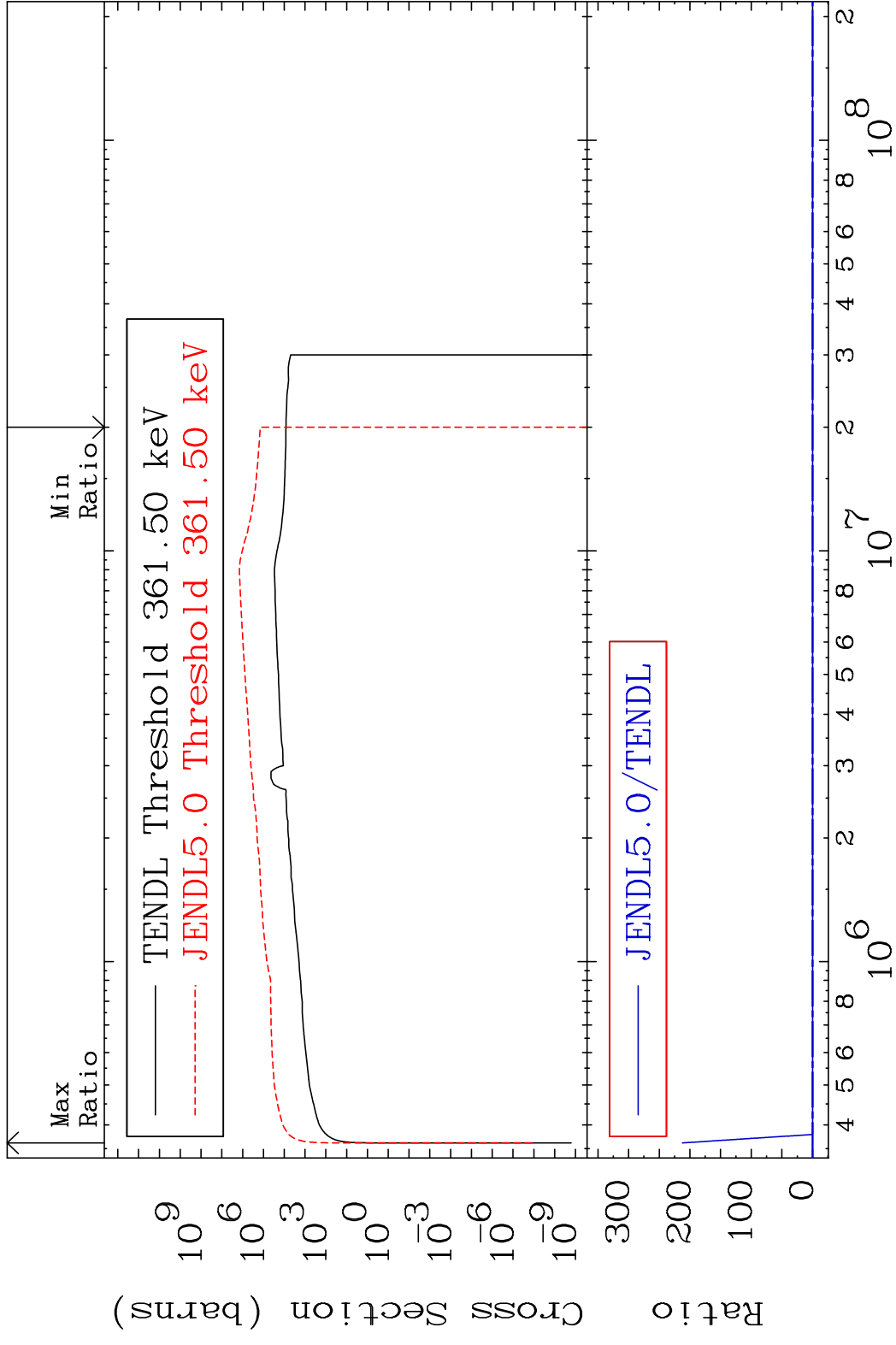


MAT 4449 Kerma non-elastic (all but mt2) 44-Ru-104
 Cross Section -9999. To 9999. %

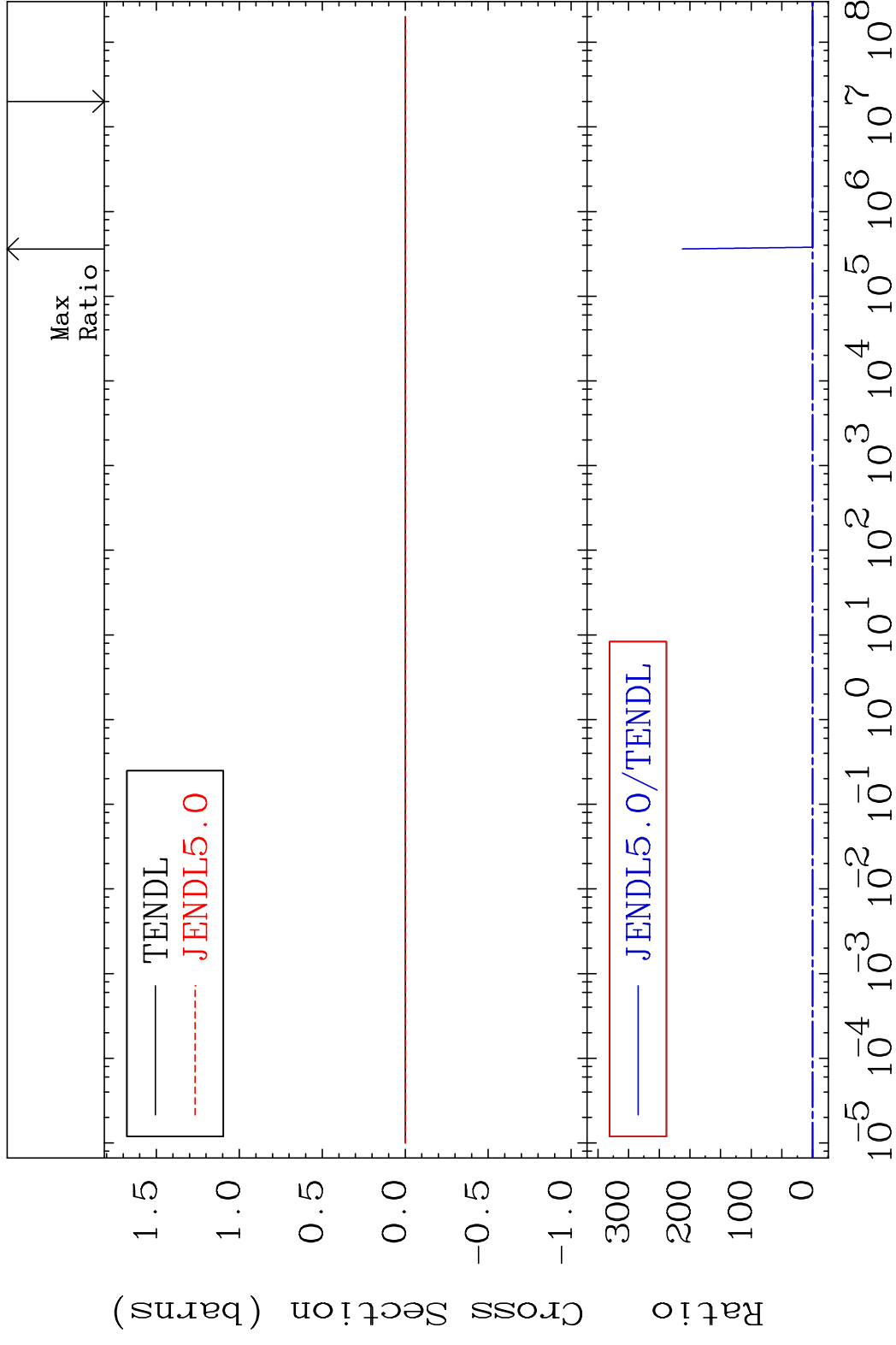


54 Incident Energy (eV) 44-Ru-104

MAT 4449 Kerma inelastic (mt51-91) 44-Ru-104
 Cross Section -100.0 To 9999. %

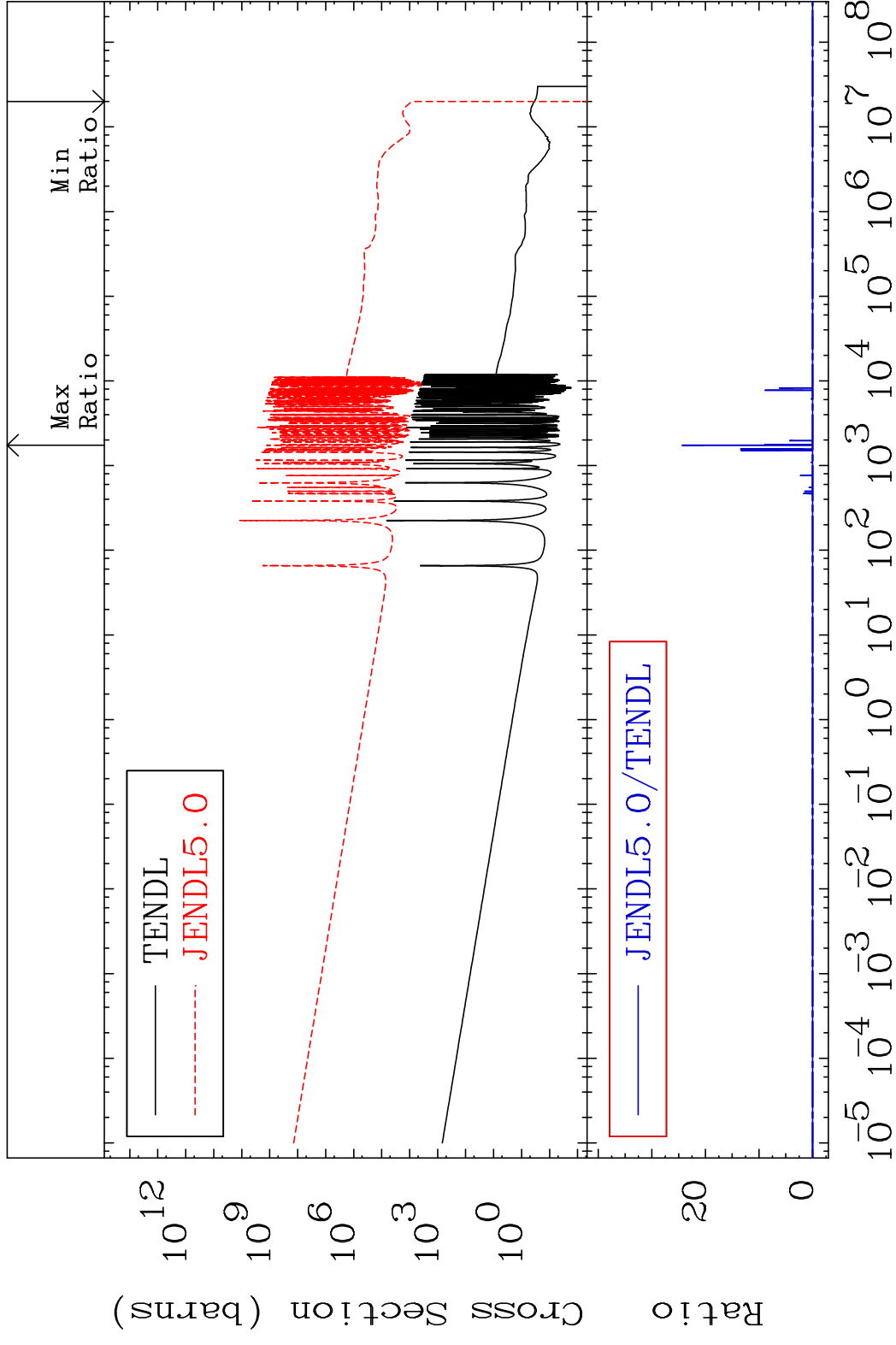


MAT 4449 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-104
 Cross Section -100.0 To 9999. %



MAT 4449

Kerma capture (mt102) 44-Ru-104
Cross Section -100.0 To 9999. %

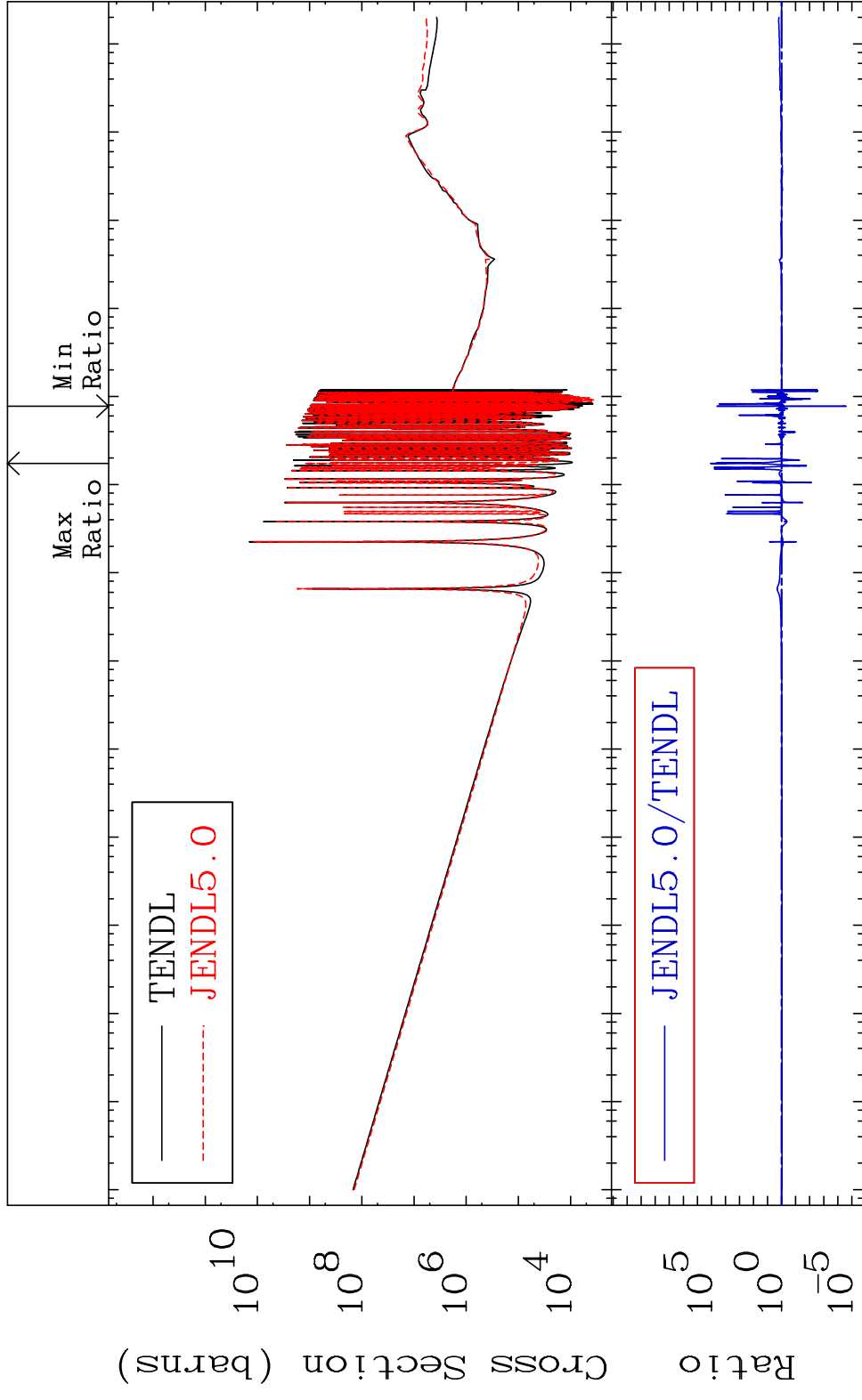


57

Incident Energy (eV)

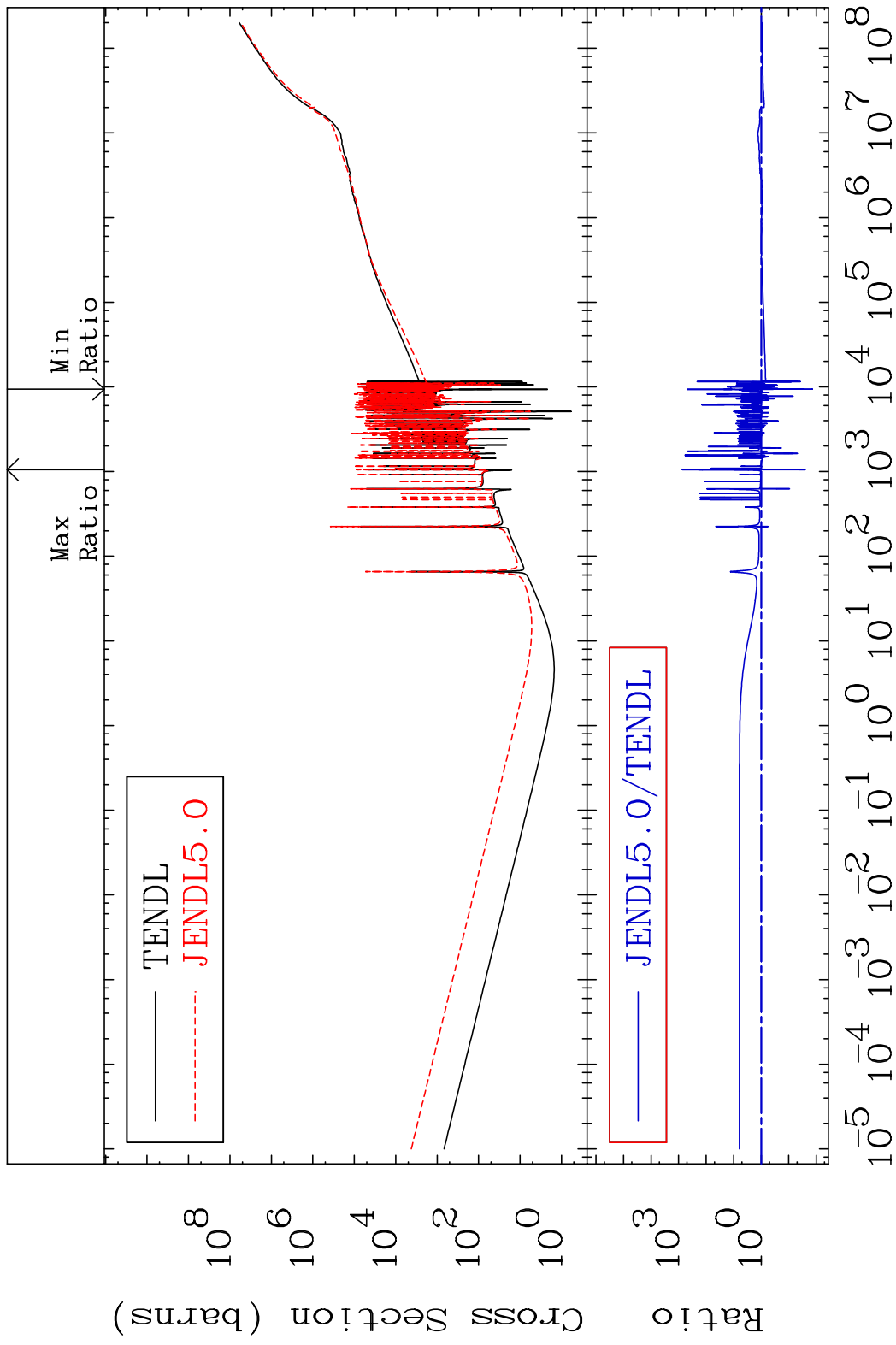
44-Ru-104

MAT 4449 Total photon (eV-barns) 44-Ru-104
 Cross Section -100.0 To 9999. %

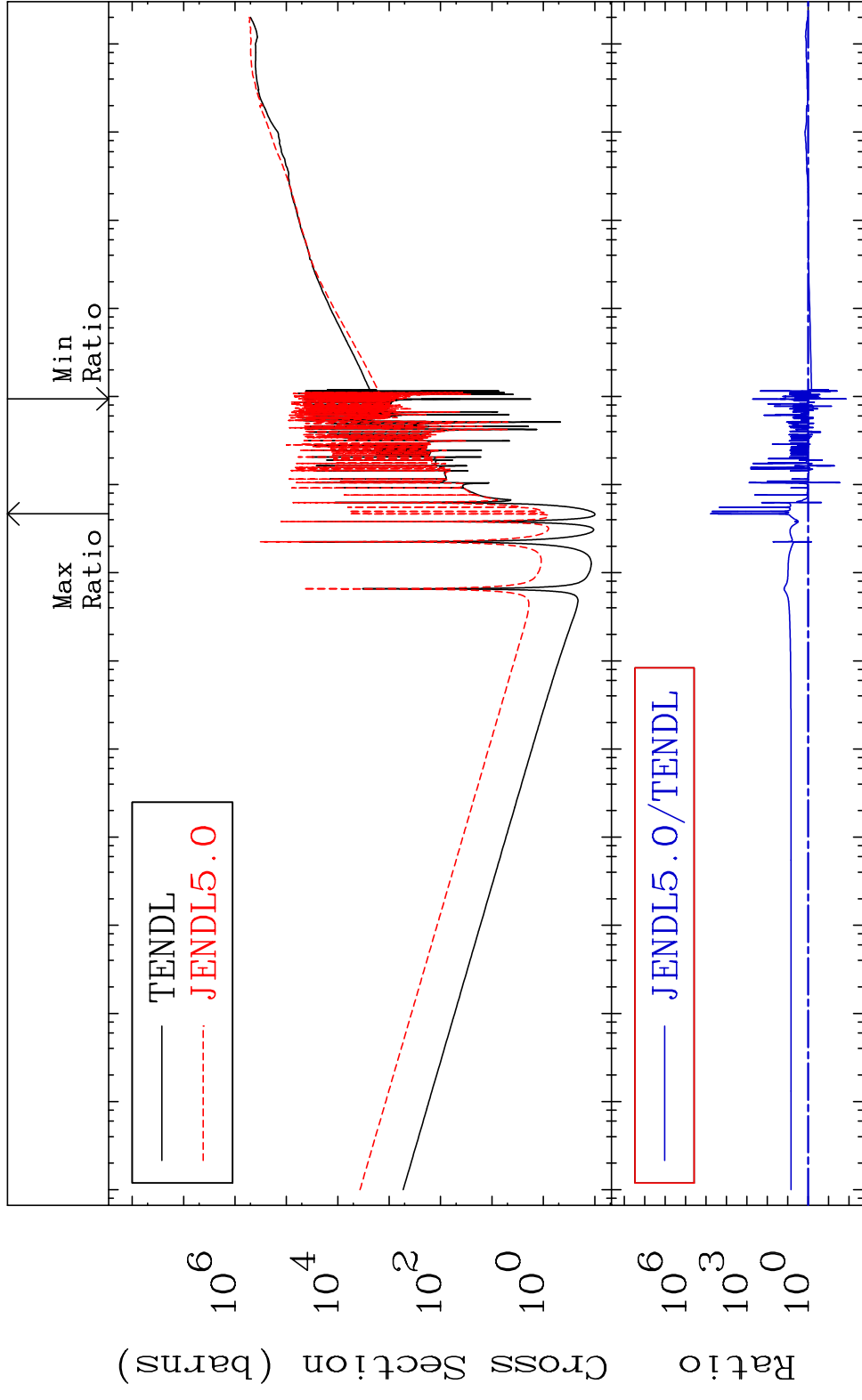


58 Incident Energy (eV) 44-Ru-104

MAT 4449 Total kinematic kerma (high limit) 44-Ru-104
 Cross Section -98.64 To 9999. %

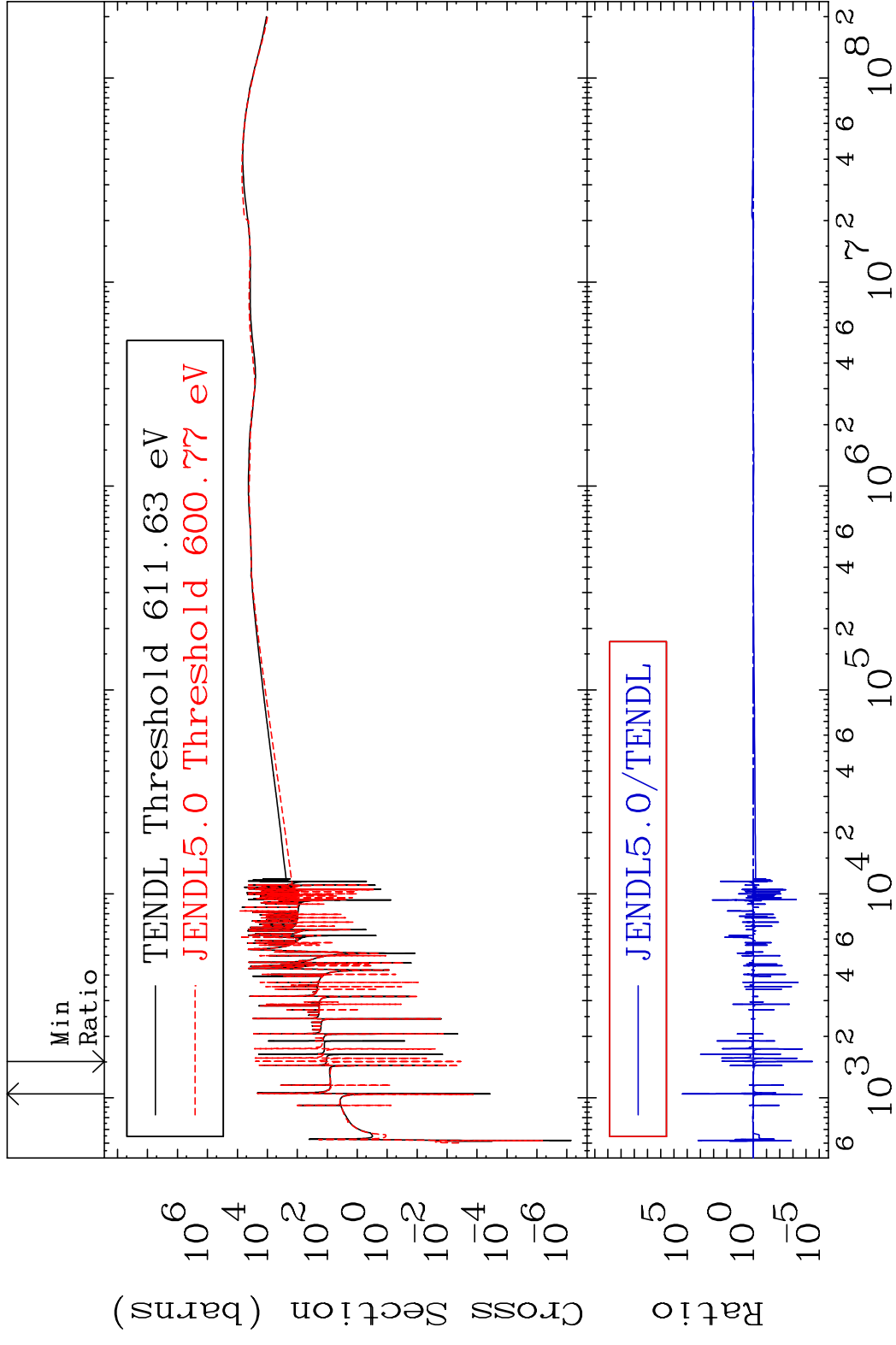


MAT 4449 Dpa total (eV-barns) 44-Ru-104
 Cross Section -98.63 To 9999. %

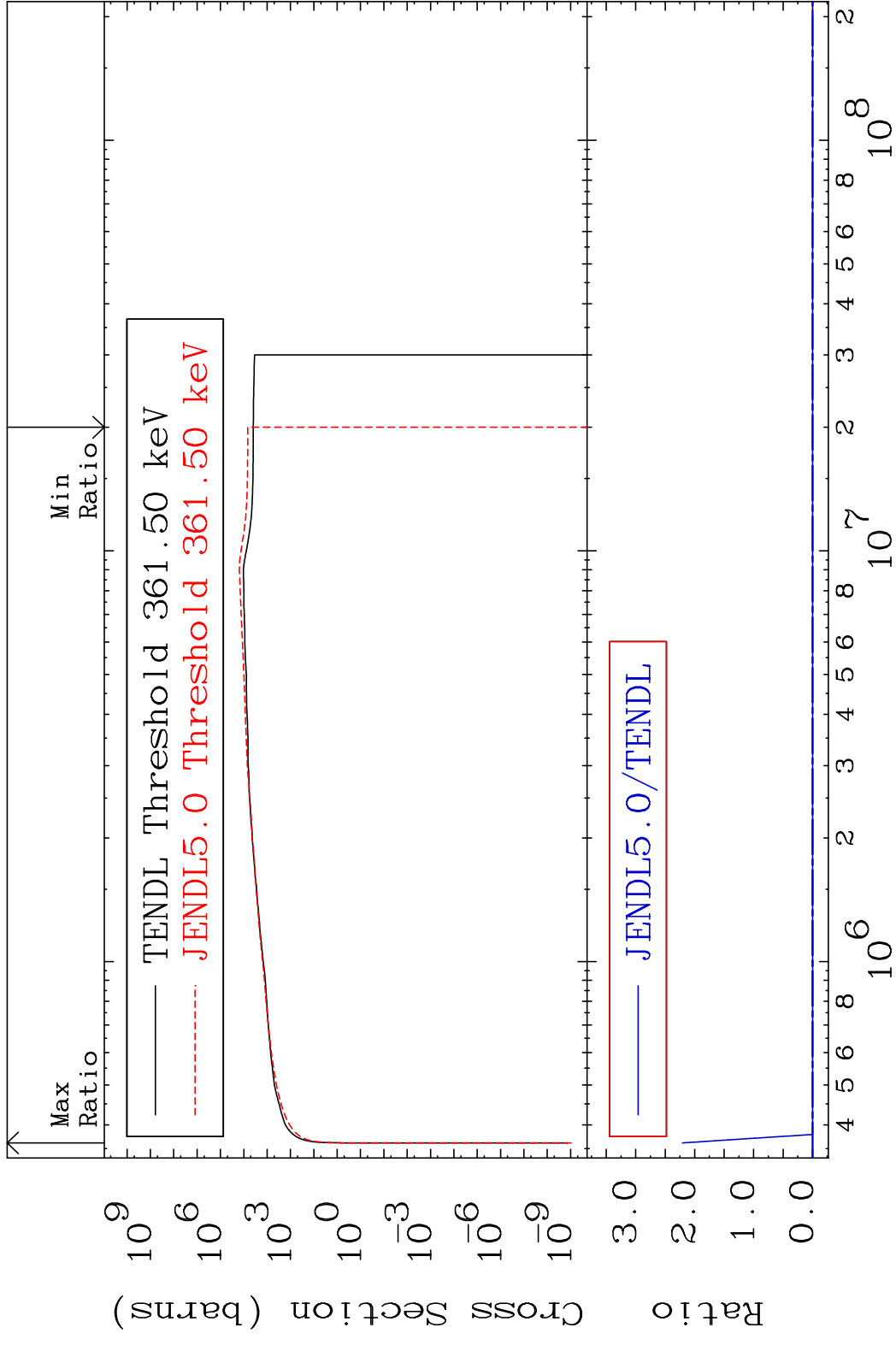


60 Incident Energy (eV) 44-Ru-104

MAT 4449 Dpa elastic (mt2) 44-Ru-104
 Cross Section -100.0 To 9999. %



MAT 4449 Dpa inelastic (mt51-91) 44-Ru-104
 Cross Section -100.0 To 9999. %



MAT 4449 Dpa disappearance (mt102 -120) 44-Ru-104
 Cross Section -100.0 To 9999. %

