

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

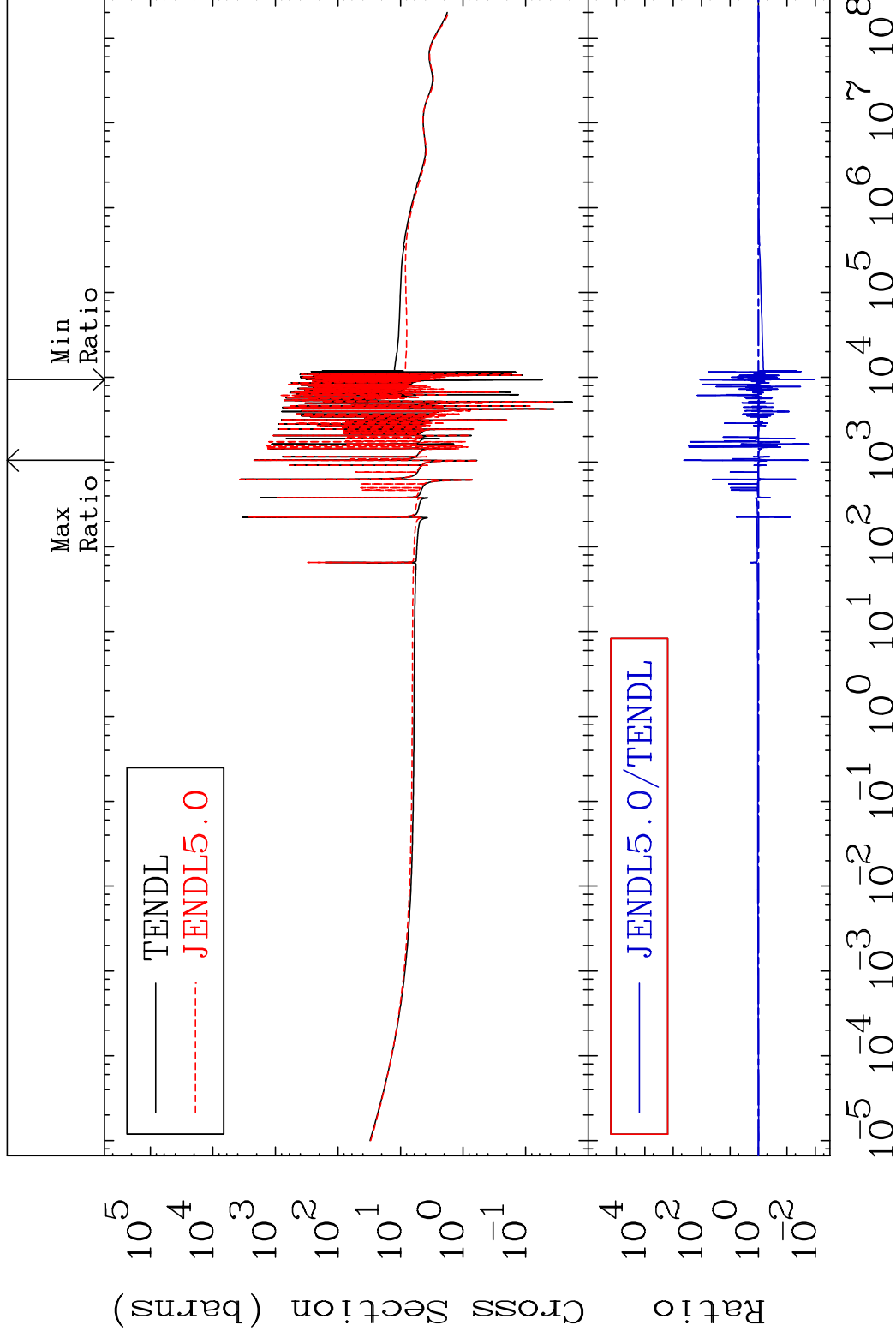
MAT 4449

Total

44-Ru-104

Cross Section

-98.90 To 9999. %



1

Incident Energy (eV)

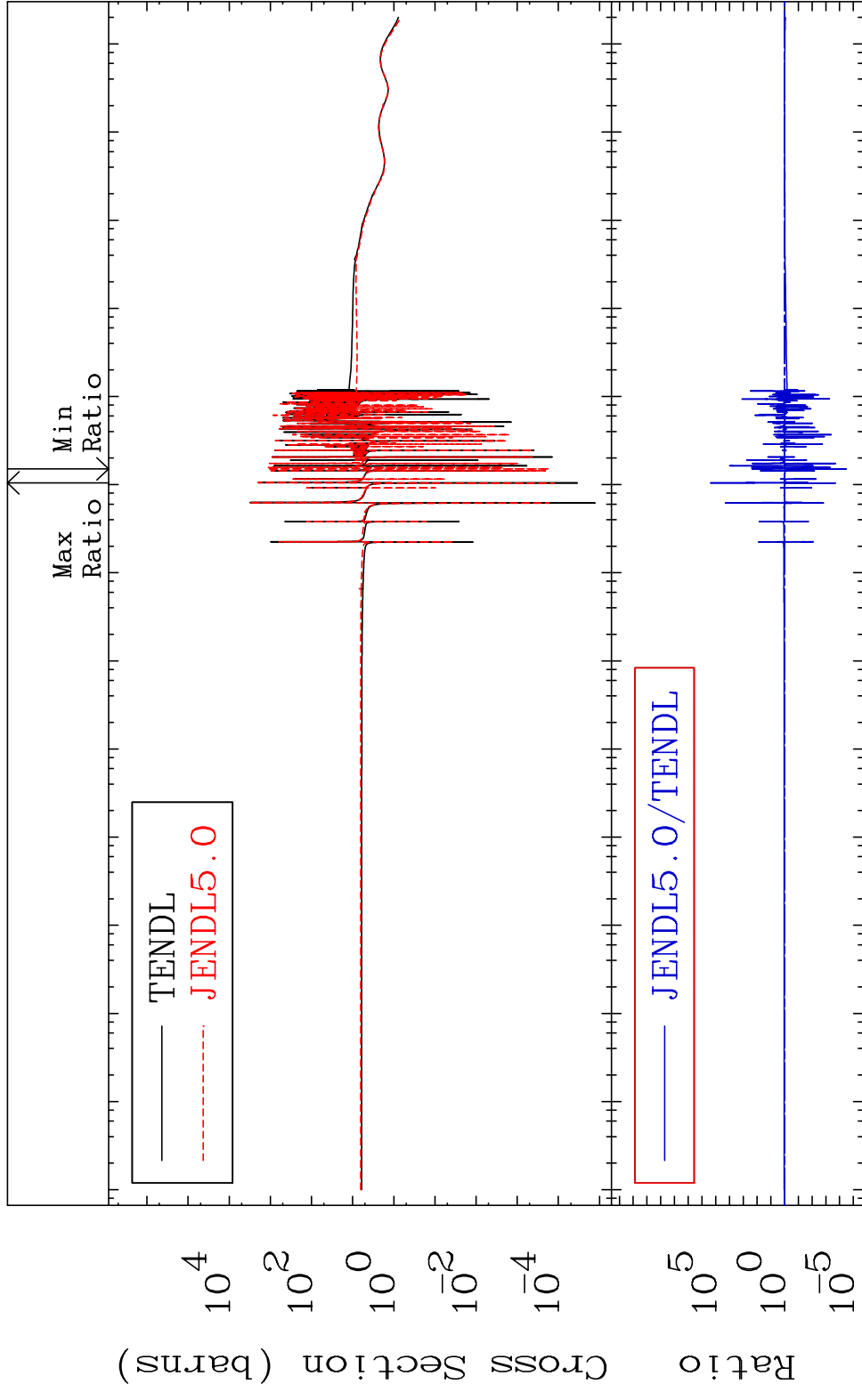
44-Ru-104

MAT 4449

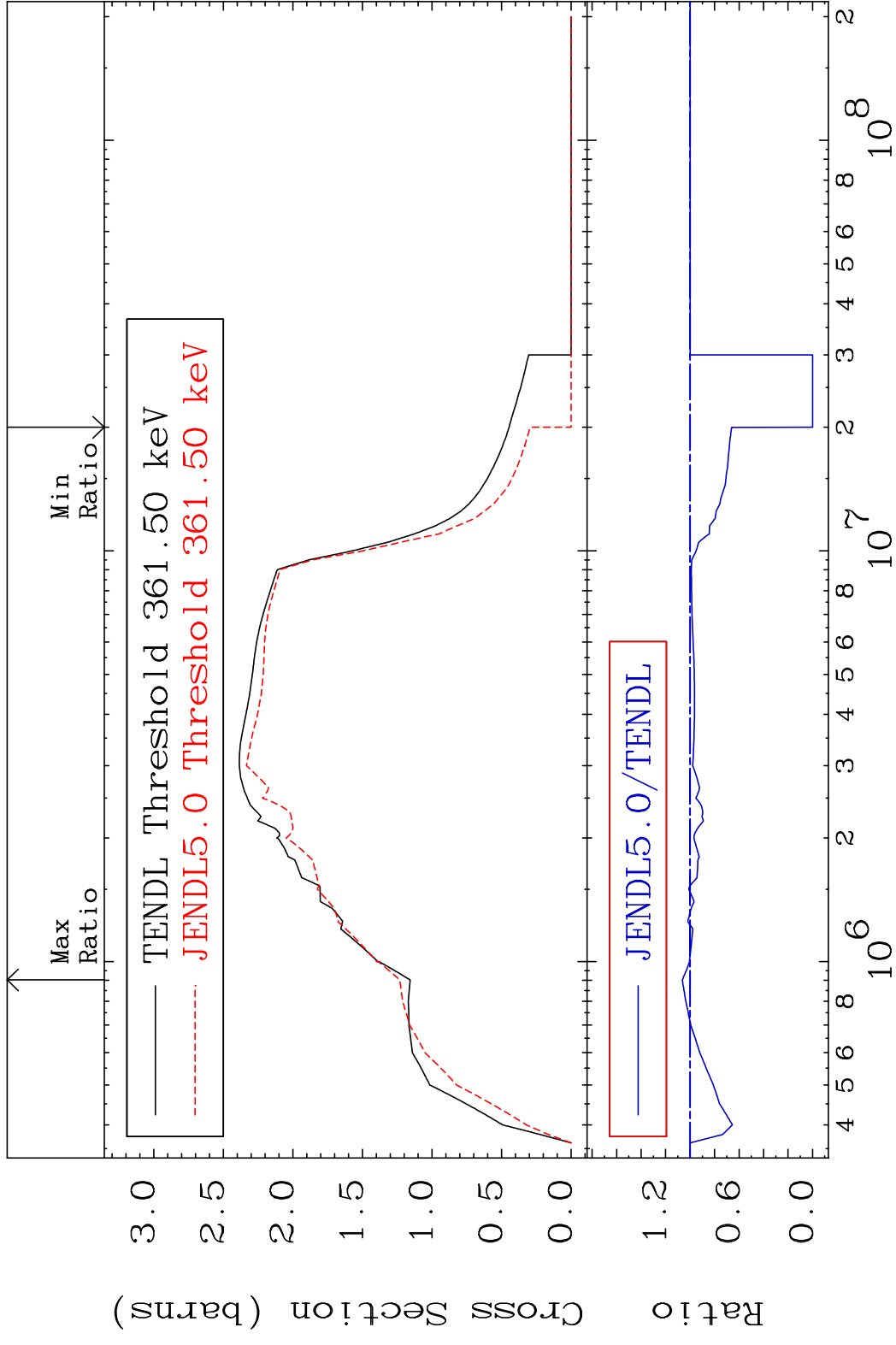
Elastic

44-Ru-104

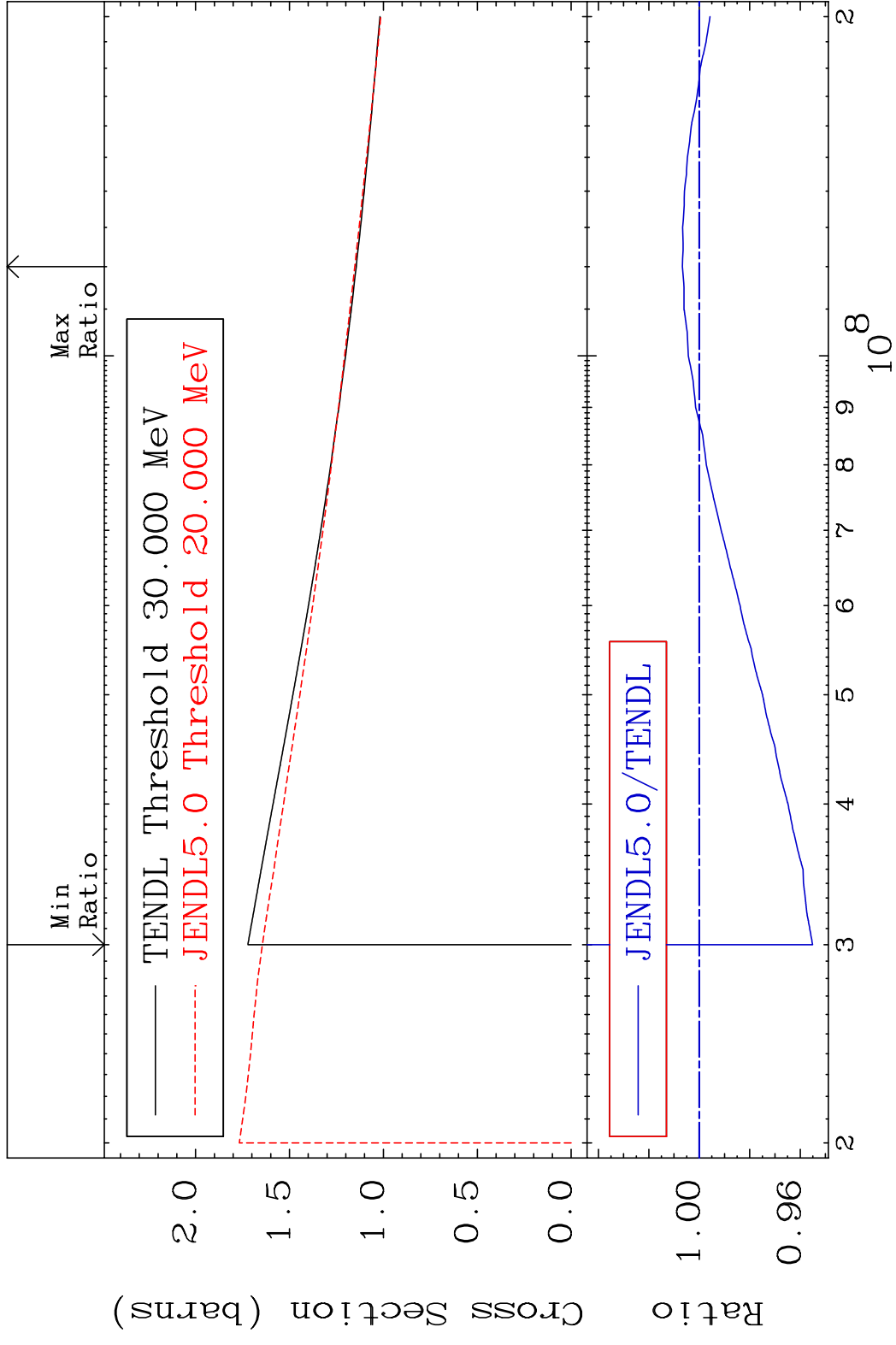
Cross Section -100.0 To 9999. %



MAT 4449 Inelastic Cross Section -100.0 To 6.338 % 44-Ru-104

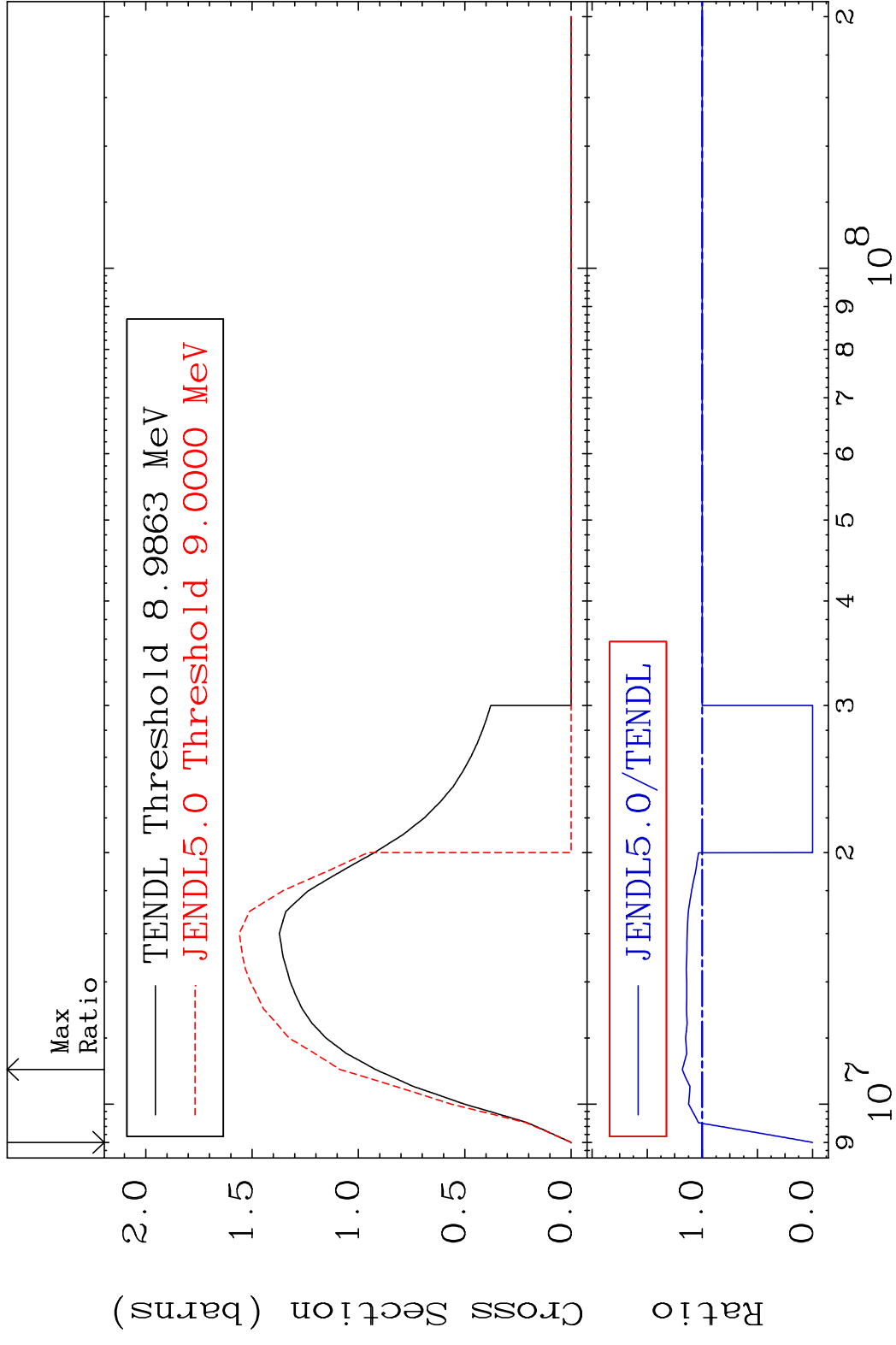


MAT 4449 (n, remainder) 44-Ru-104
 Cross Section -4.490 To 0.671 %



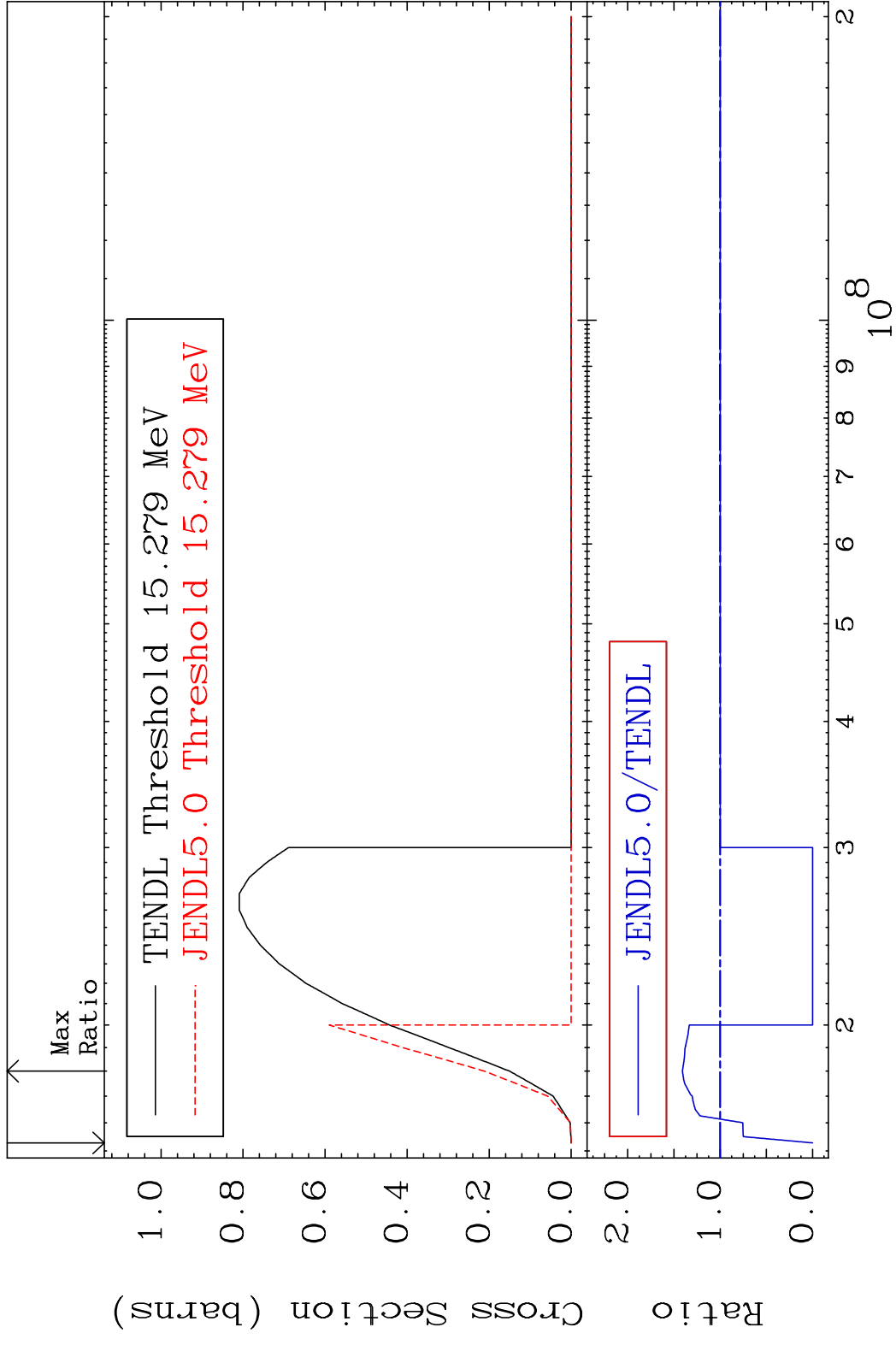
4 4 44-Ru-104

MAT 4449 (n,2n) 44-Ru-104
 Cross Section -100.0 To 18.08 %

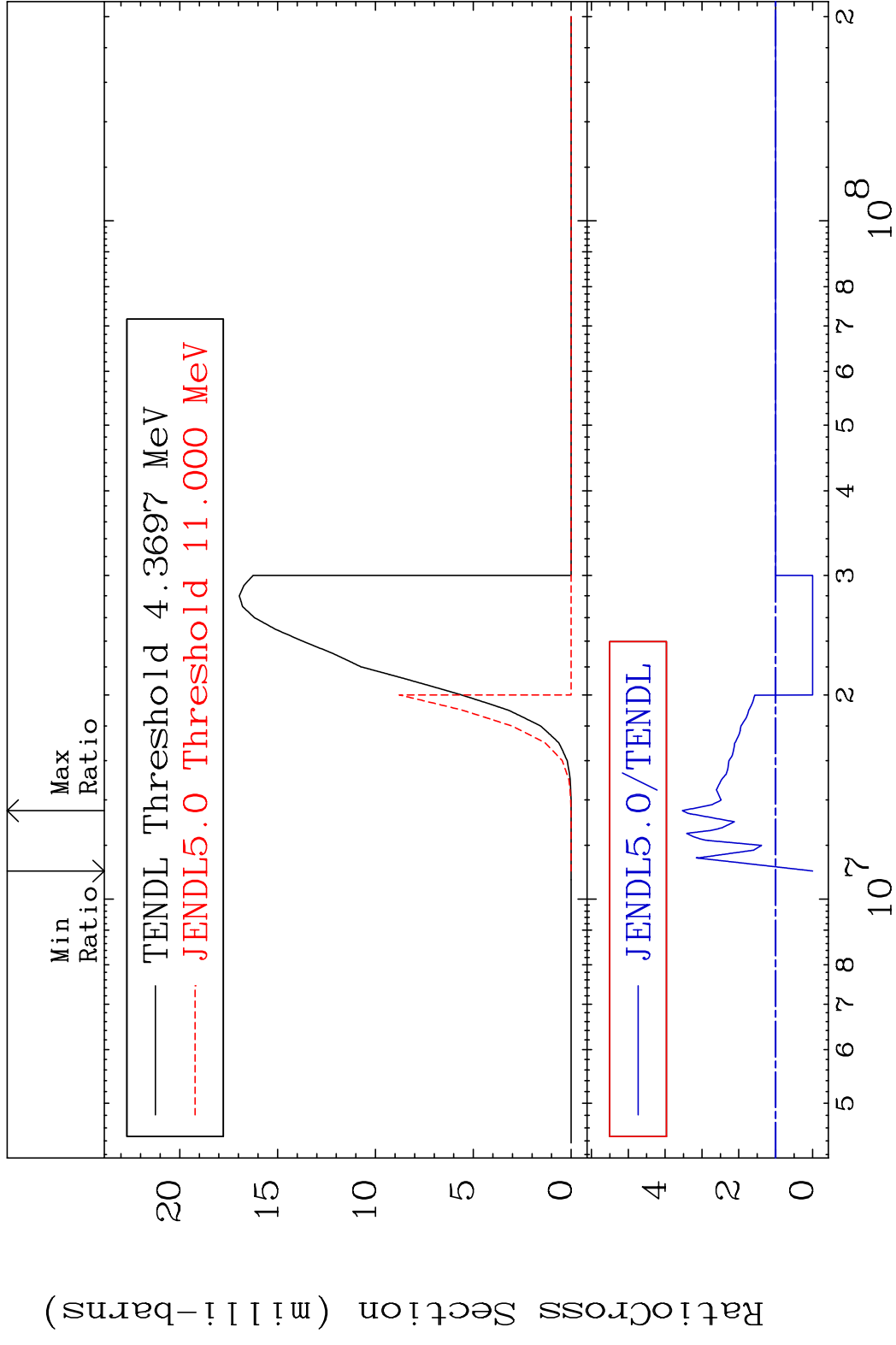


5 Incident Energy (eV) 44-Ru-104

MAT 4449 (n,3n) 44-Ru-104
 Cross Section -100.0 To 40.88 %

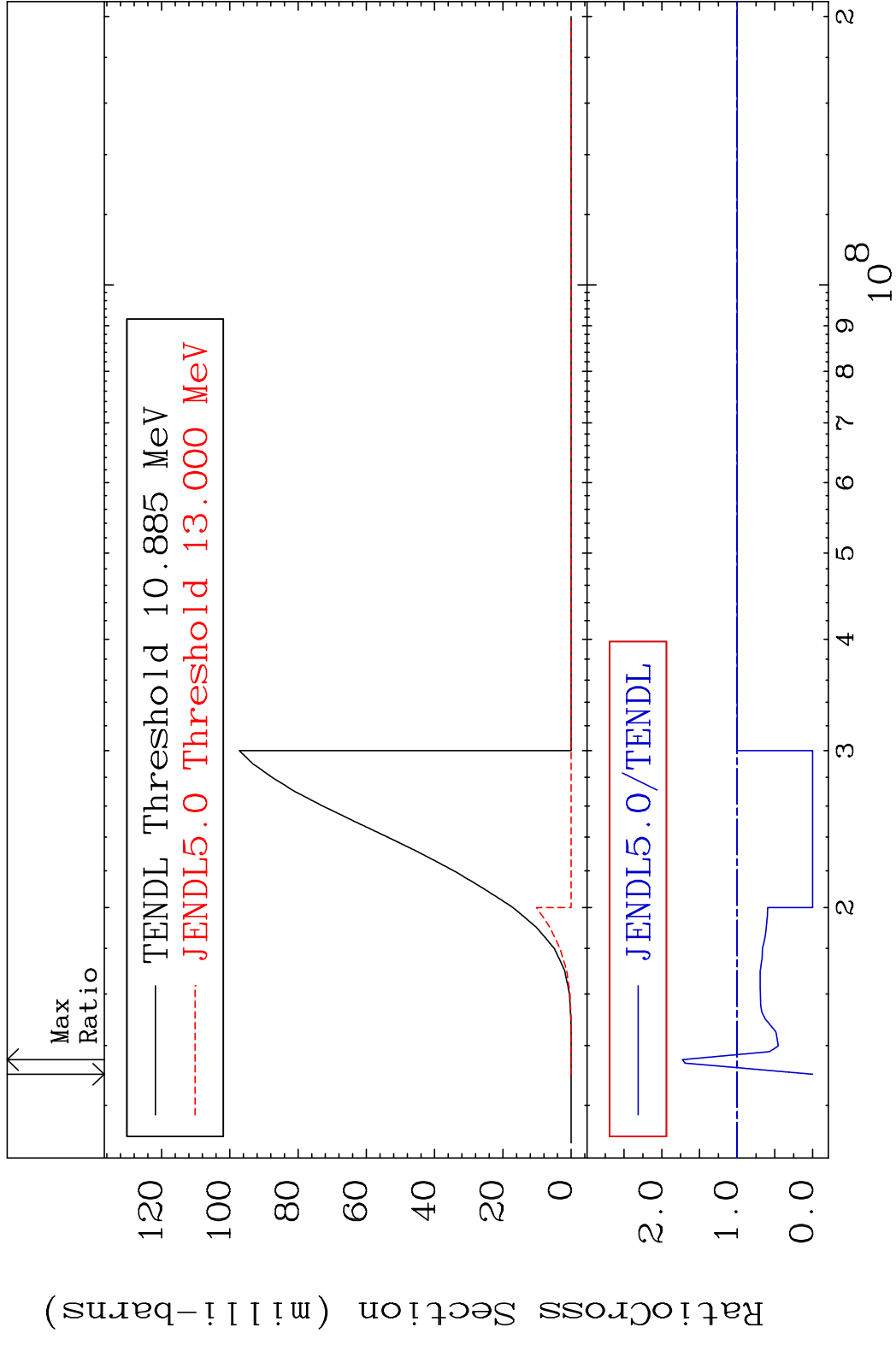


MAT 4449 (n, n') α 44-Ru-104
 Cross Section -100.0 To 253.2 %

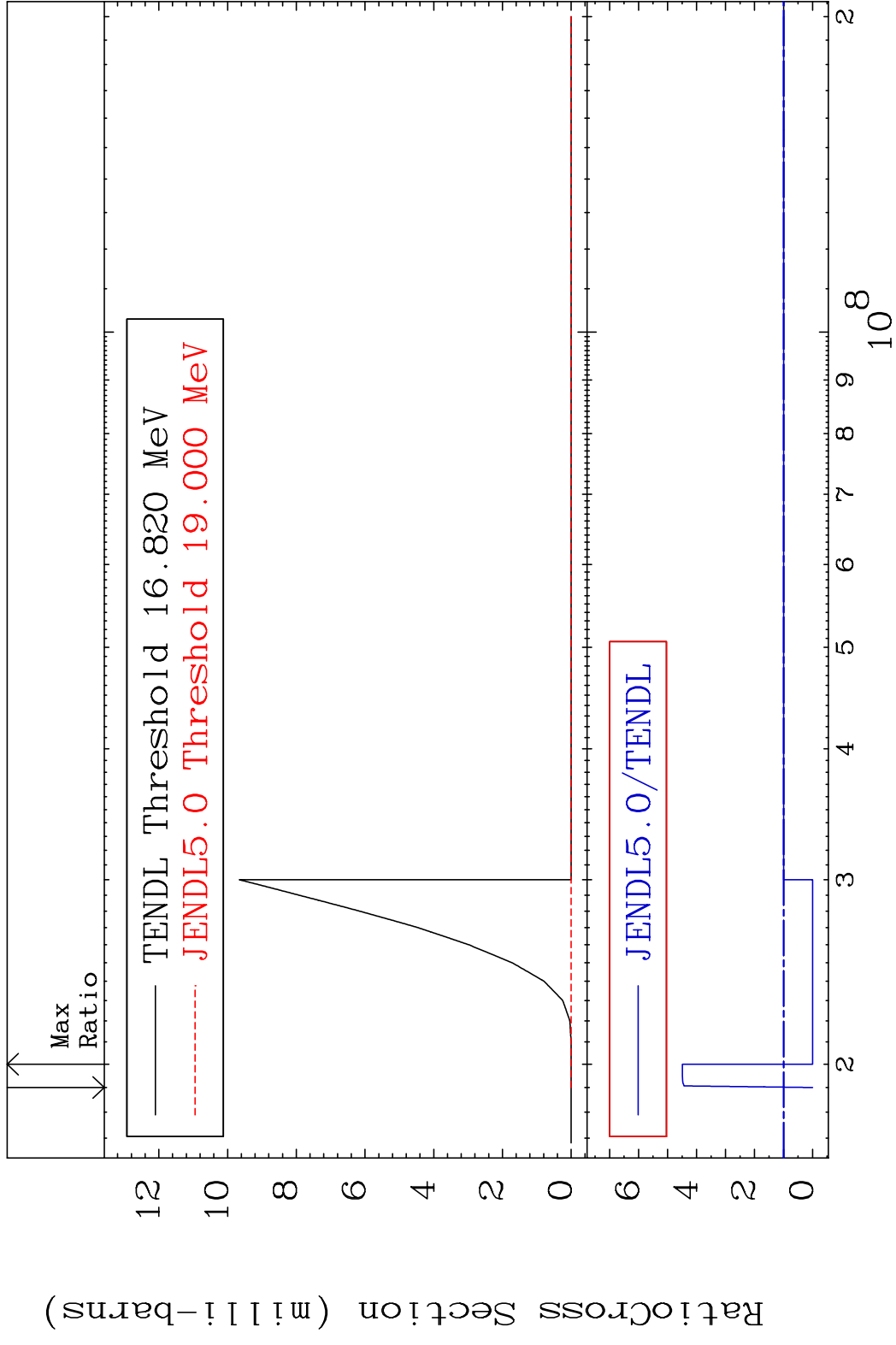


7 44-Ru-104

MAT 4449 (n, n') p 44-Ru-104
 Cross Section -100.0 To 72.70 %

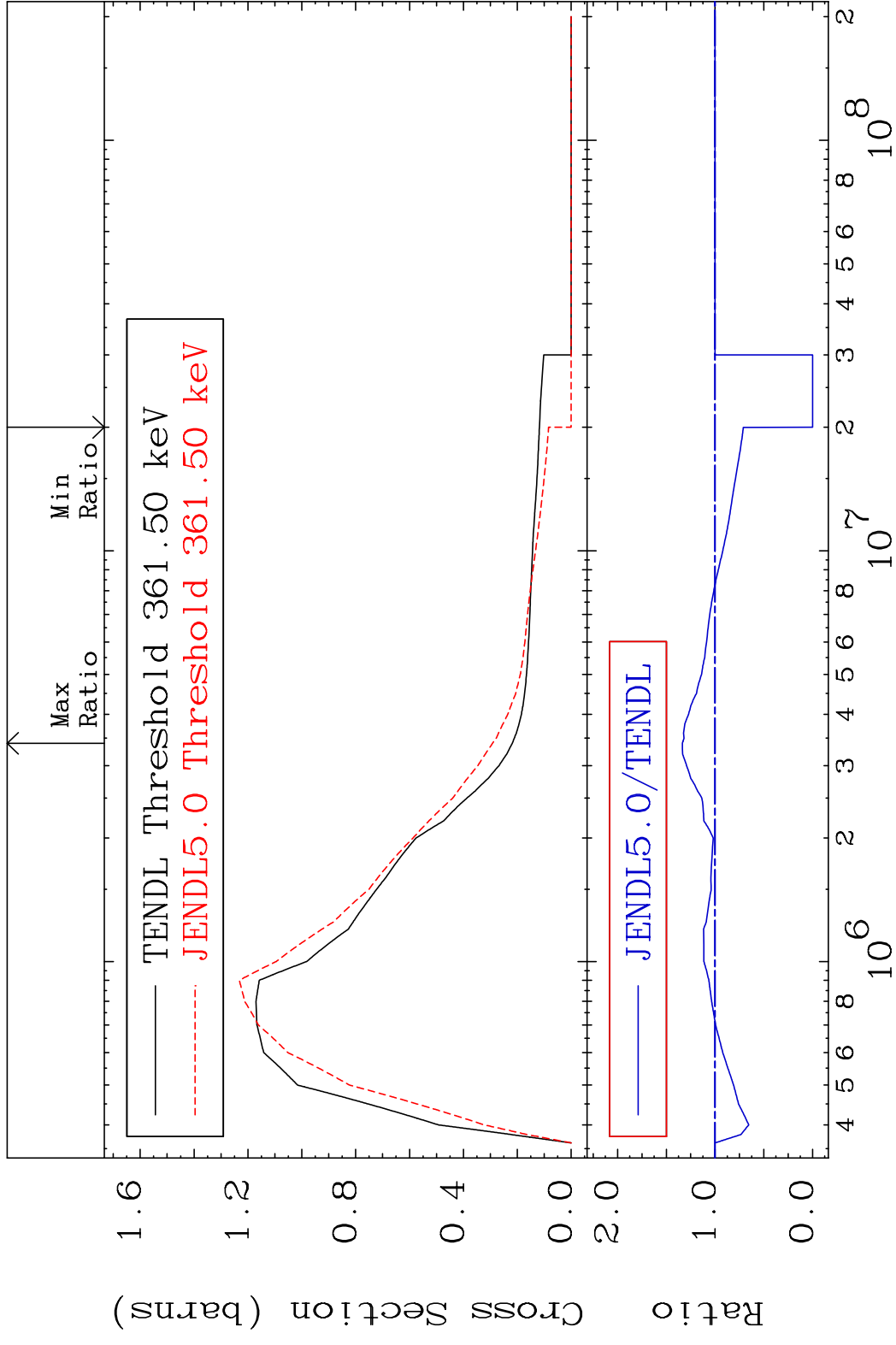


MAT 4449 (n, n') d 44-Ru-104
 Cross Section -100.0 To 349.0 %



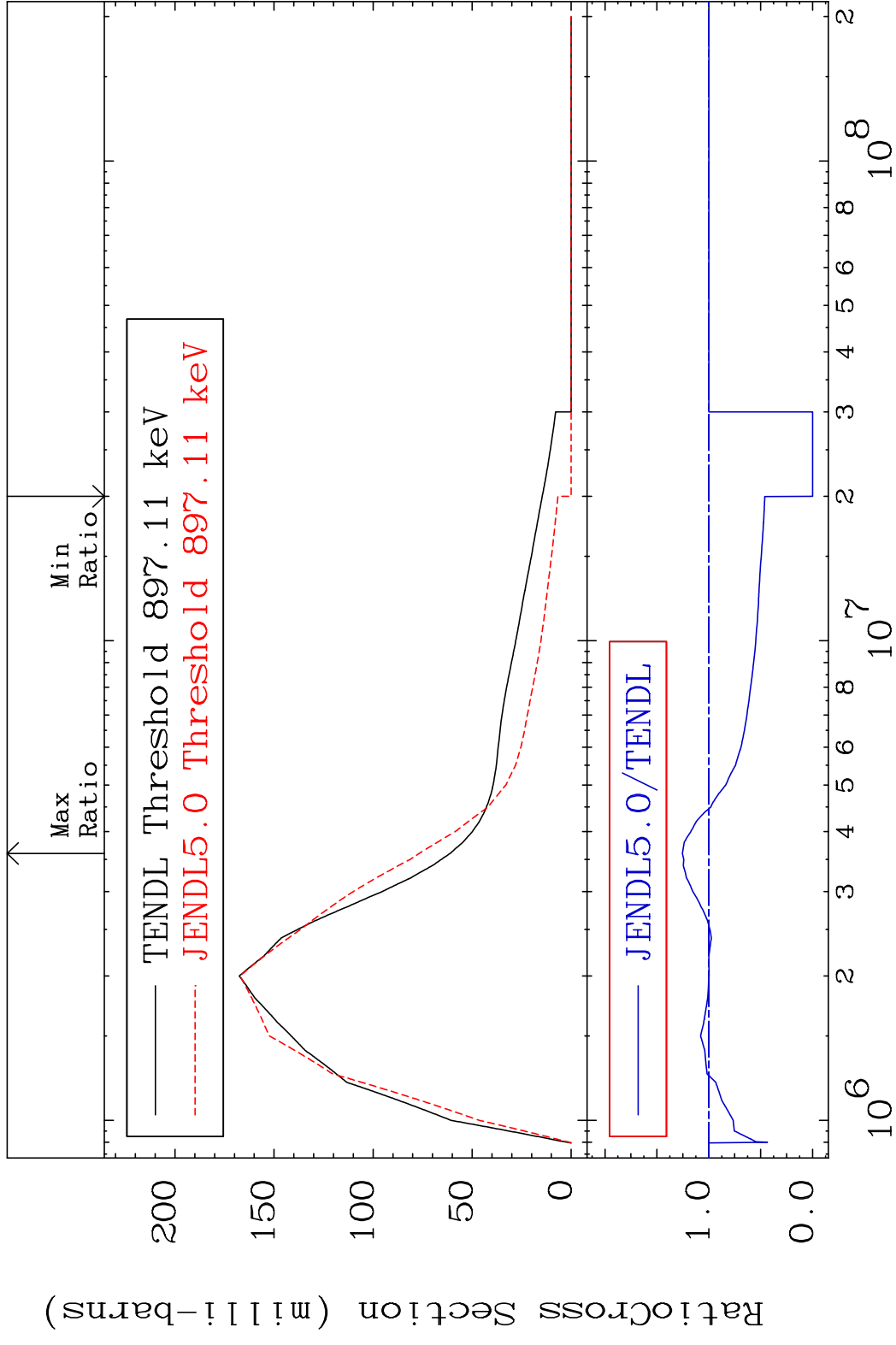
9 Incident Energy (eV) 44-Ru-104

MAT 4449 MT= 51 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 33.56 %



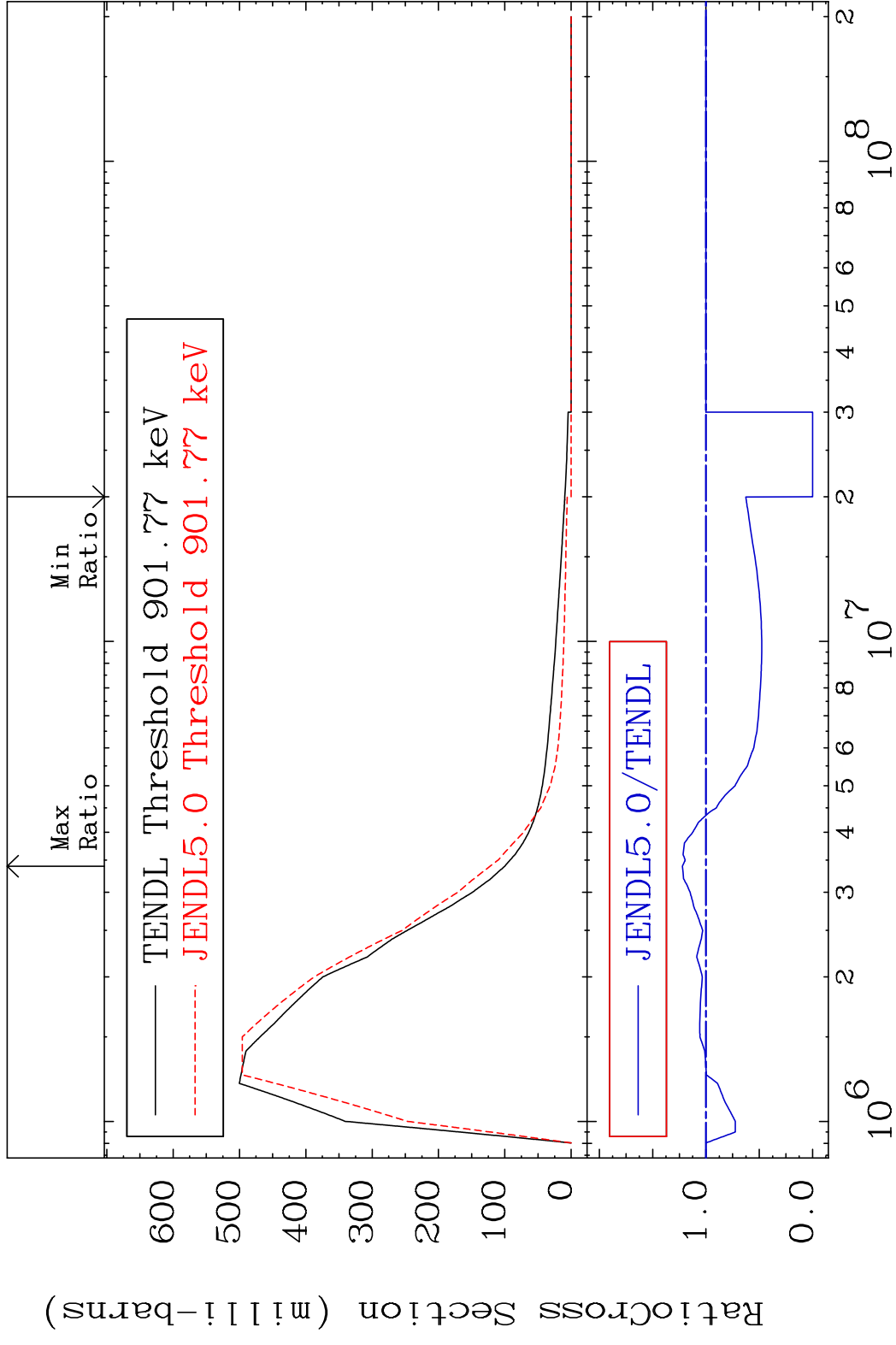
10 Incident Energy (eV) 44-Ru-104

MAT 4449 MT= 52 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 25.45 %

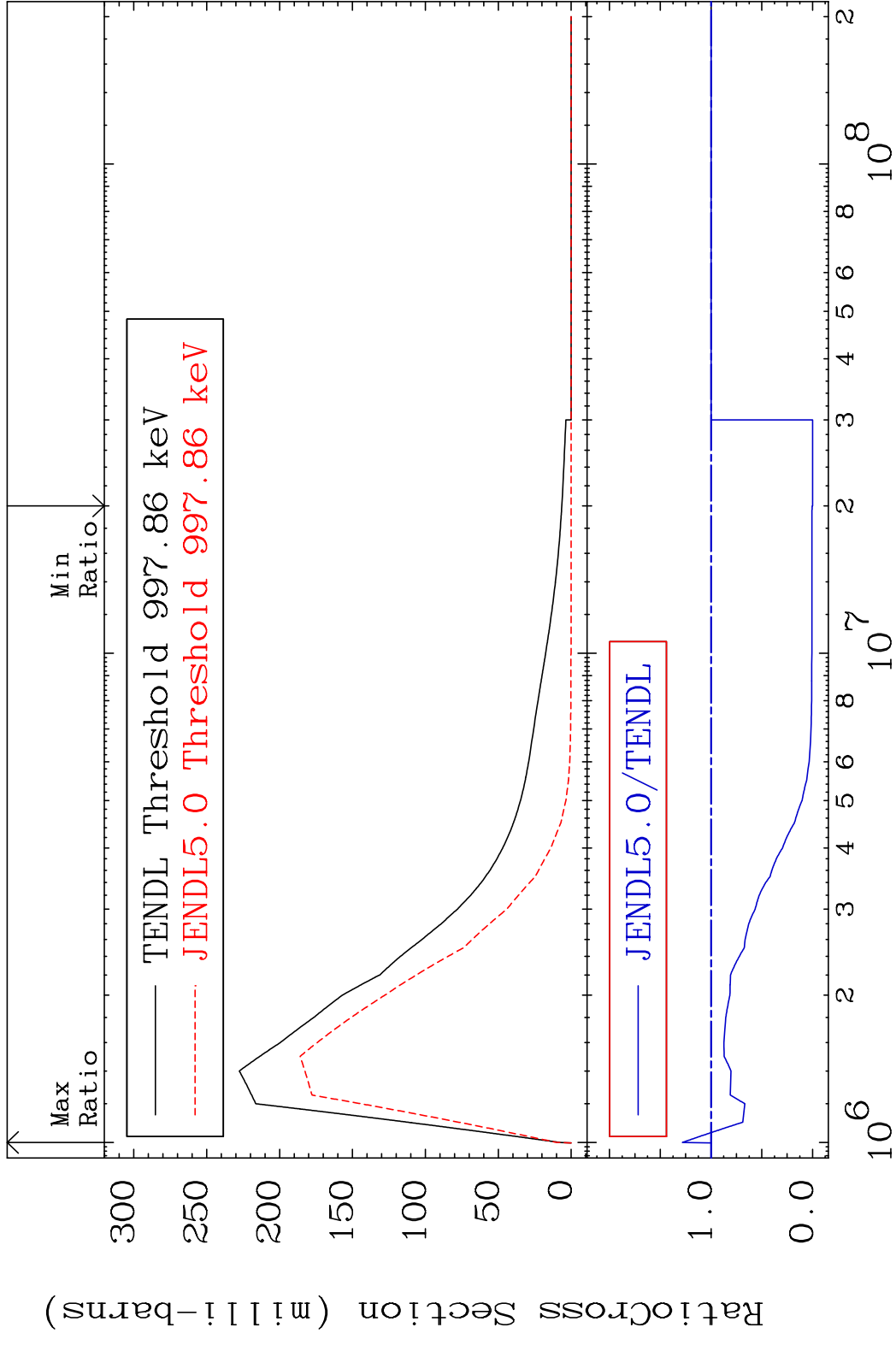


11 Incident Energy (eV) 44-Ru-104

MAT 4449 MT= 53 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 22.15 %

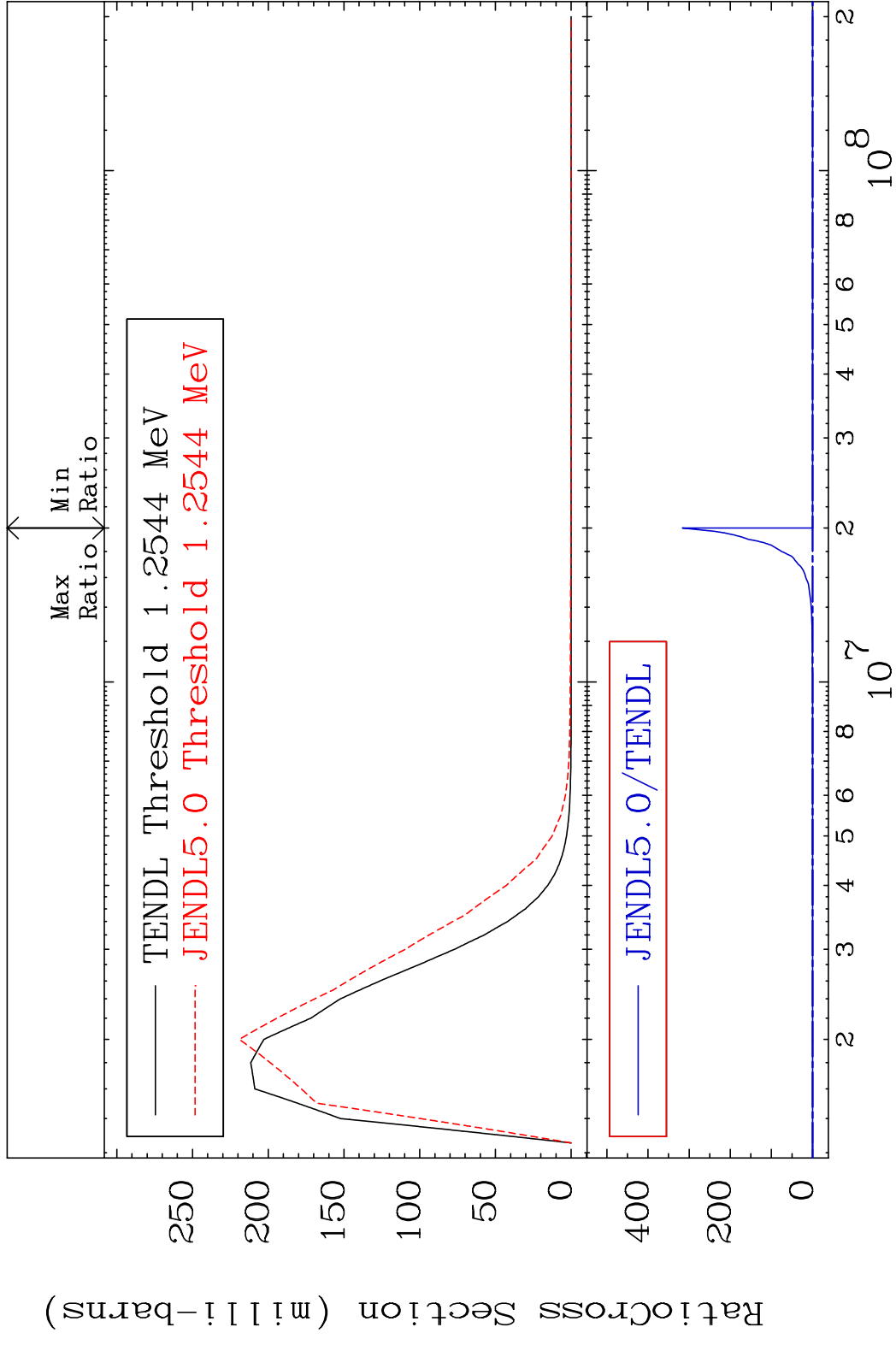


MAT 4449 MT= 54 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 28.23 %



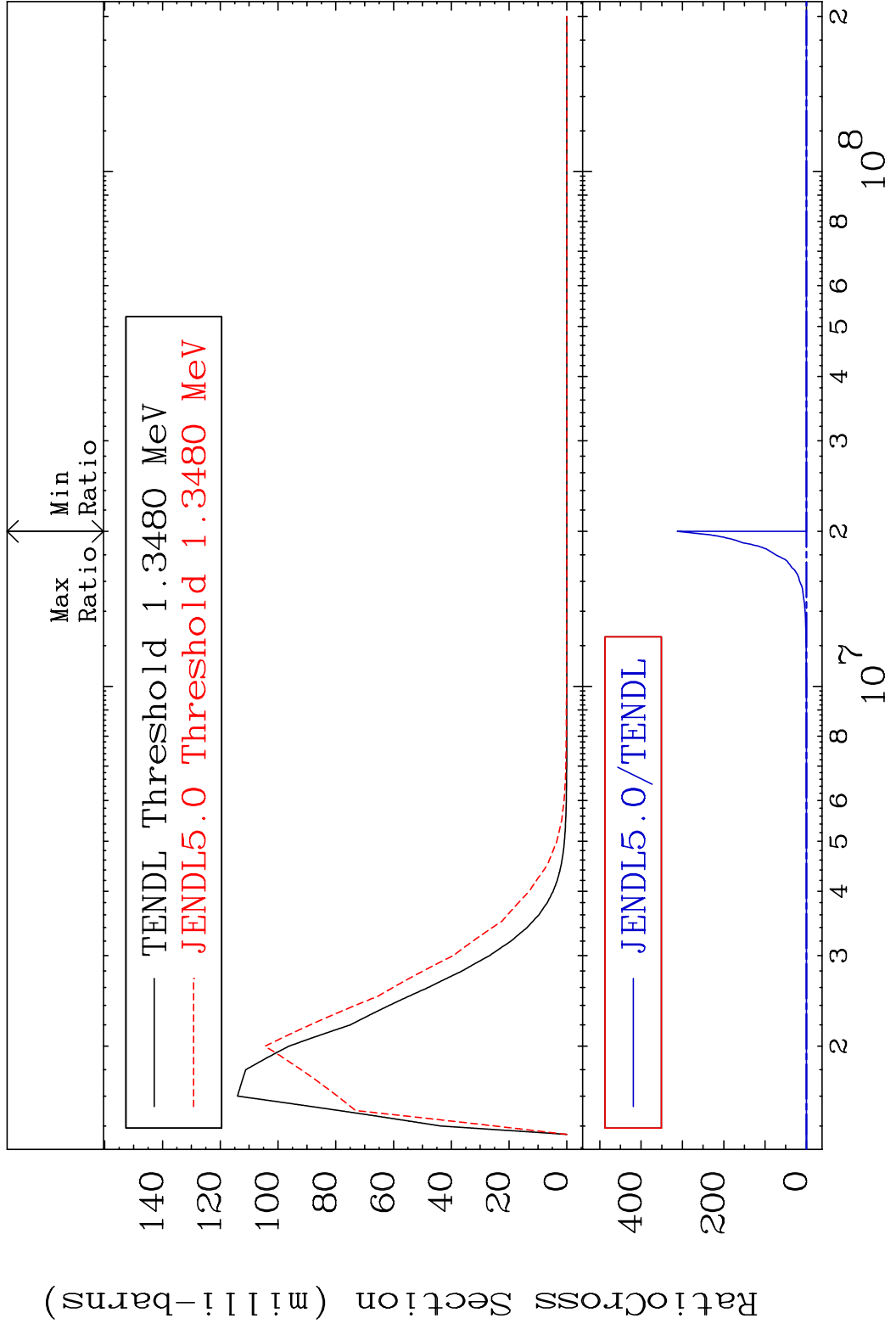
13 44-Ru-104

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

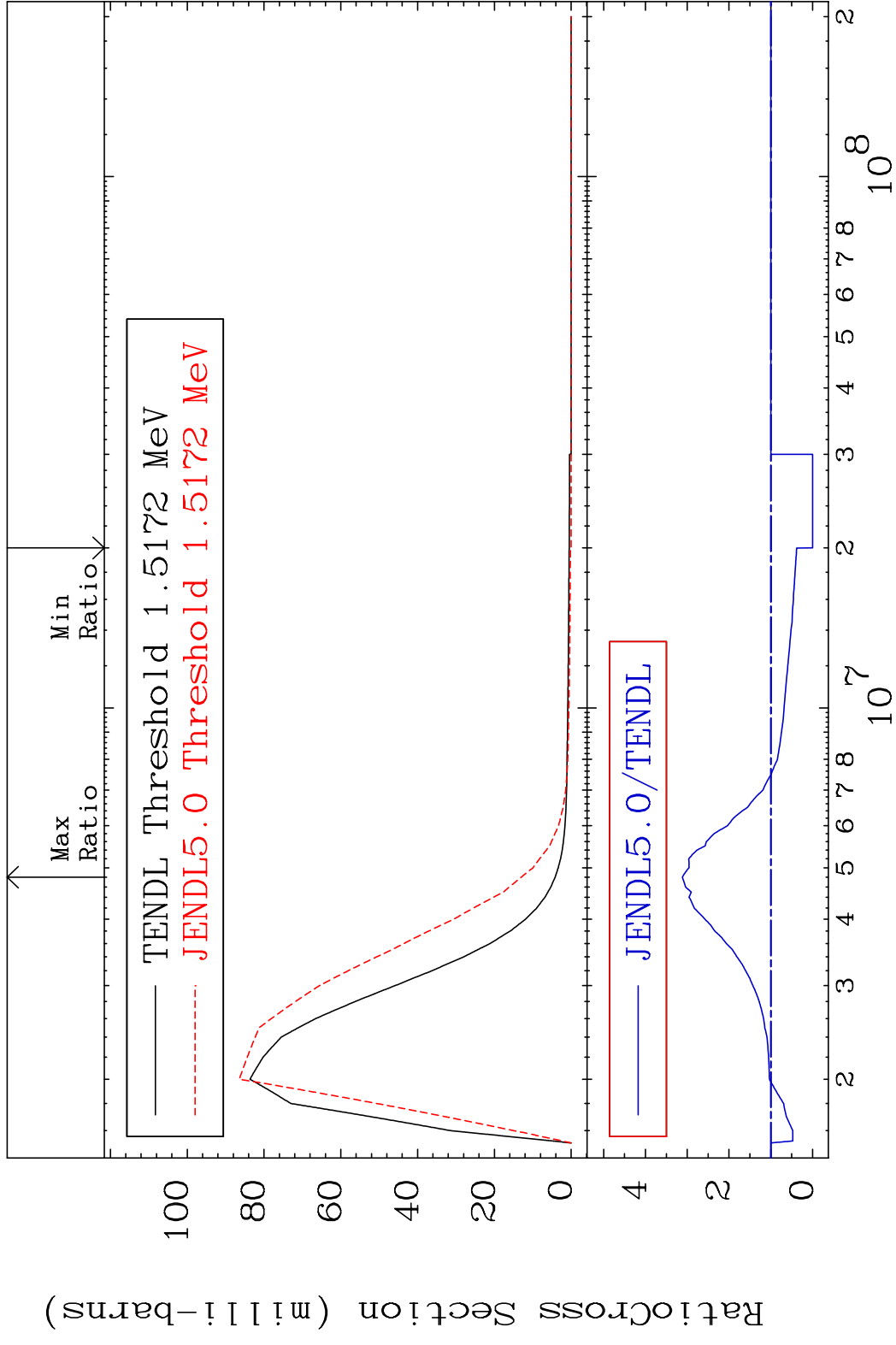


14 Incident Energy (eV) 44-Ru-104

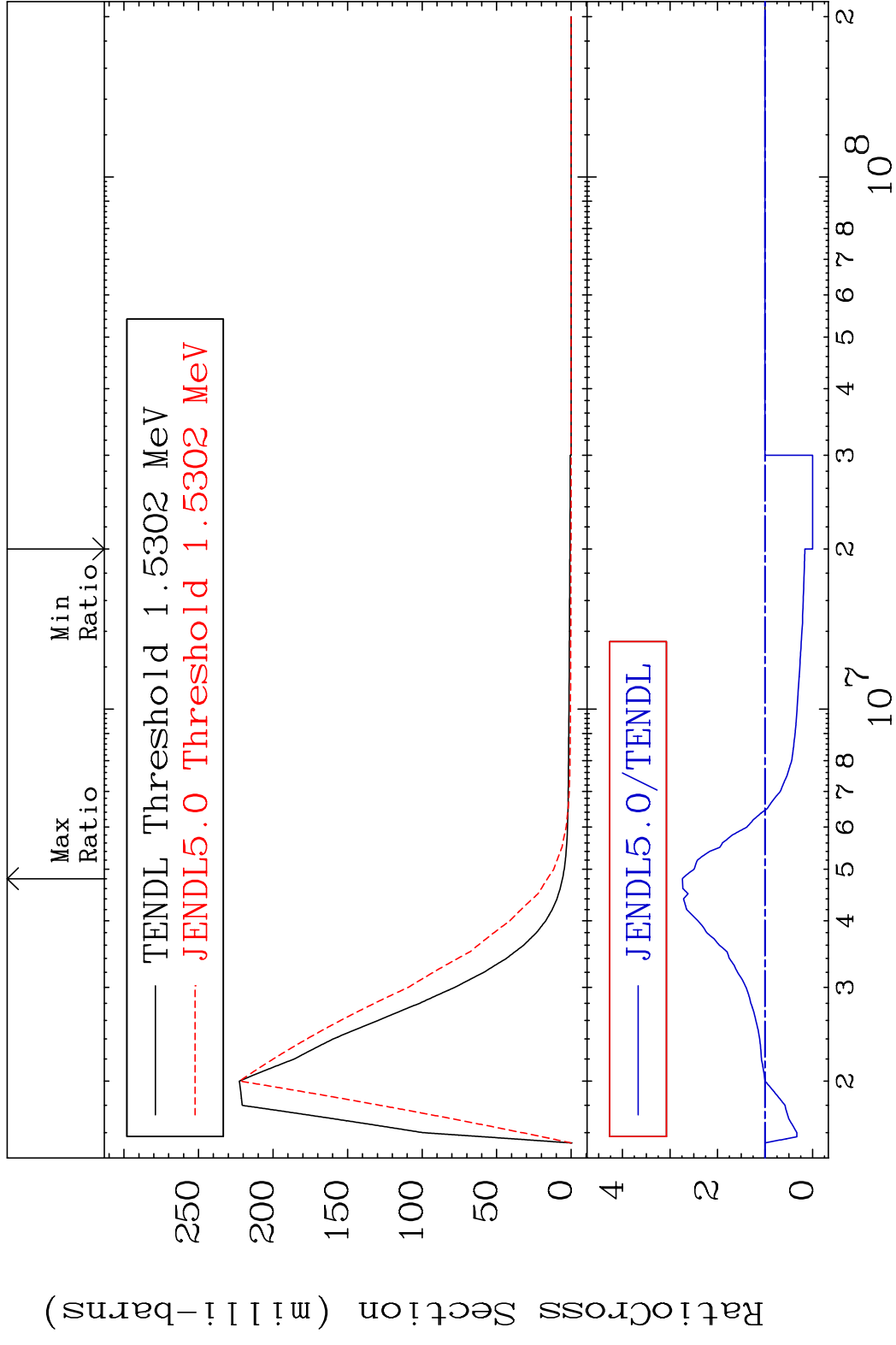
MAT 4449 MT= 56 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 9999. %



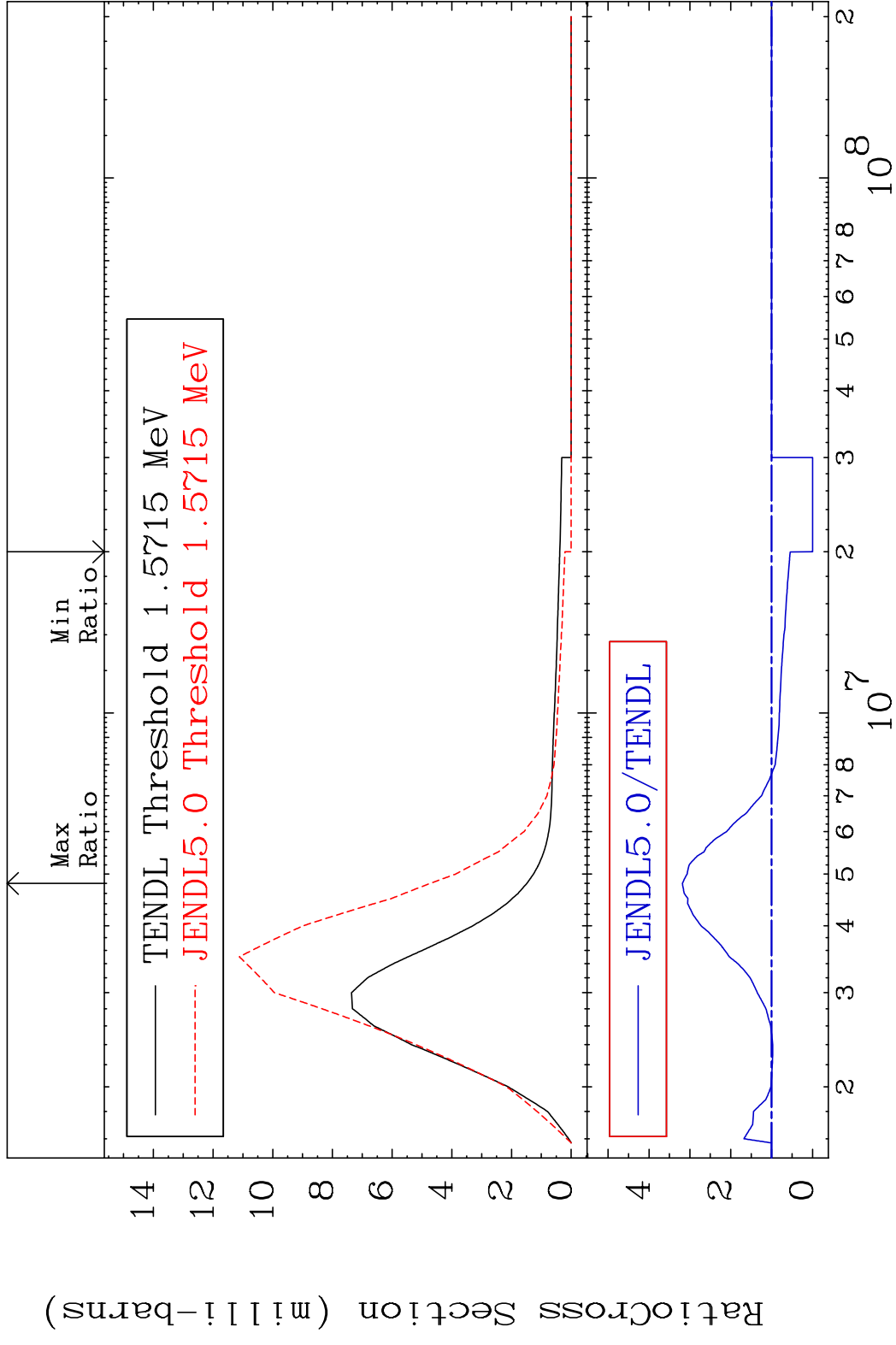
MAT 4449 MT= 57 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 211.6 %



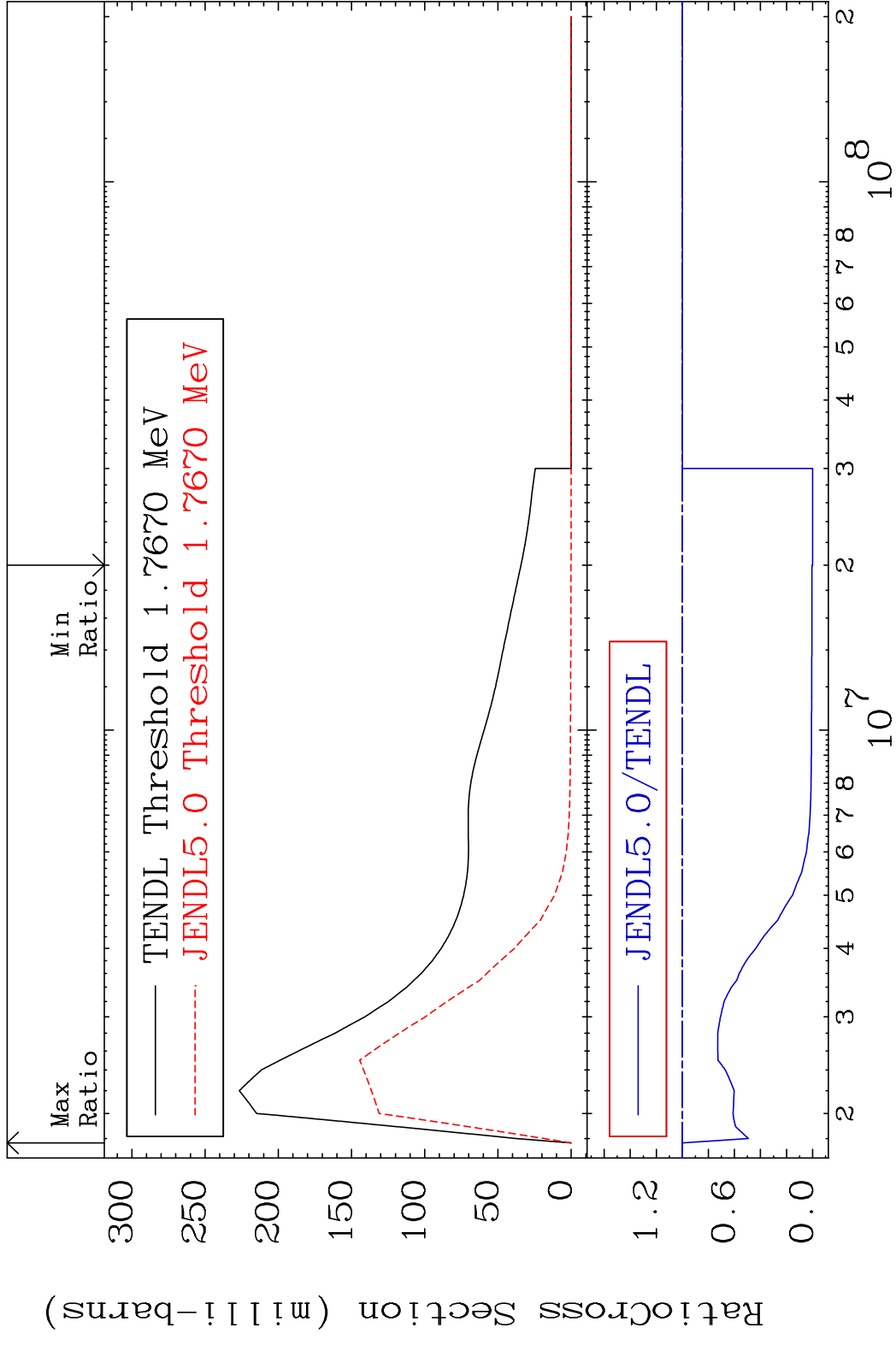
MAT 4449 MT= 58 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 174.0 %



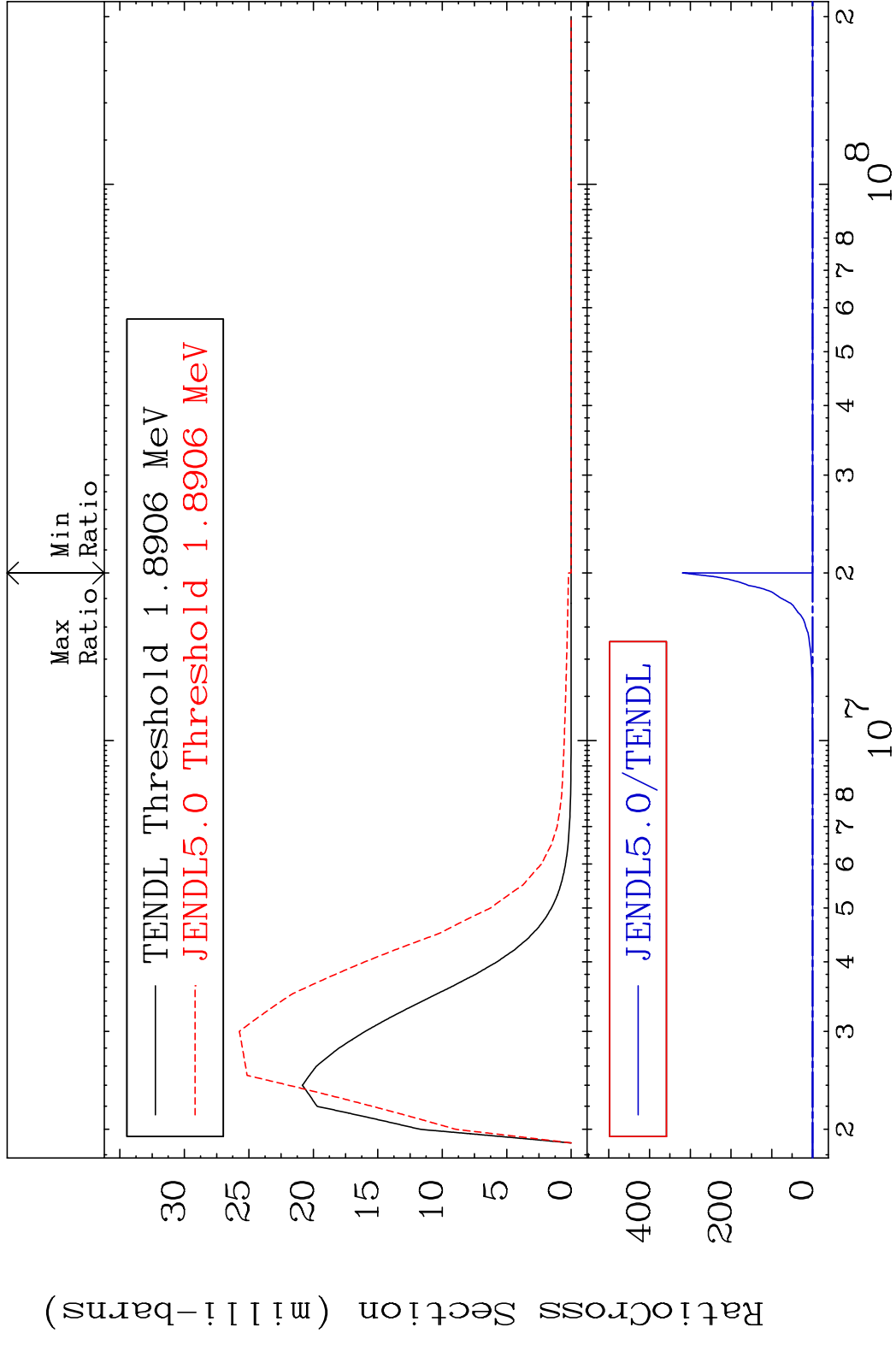
MAT 4449 MT= 59 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 218.4 %



MAT 4449 MT= 60 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 0.000 %

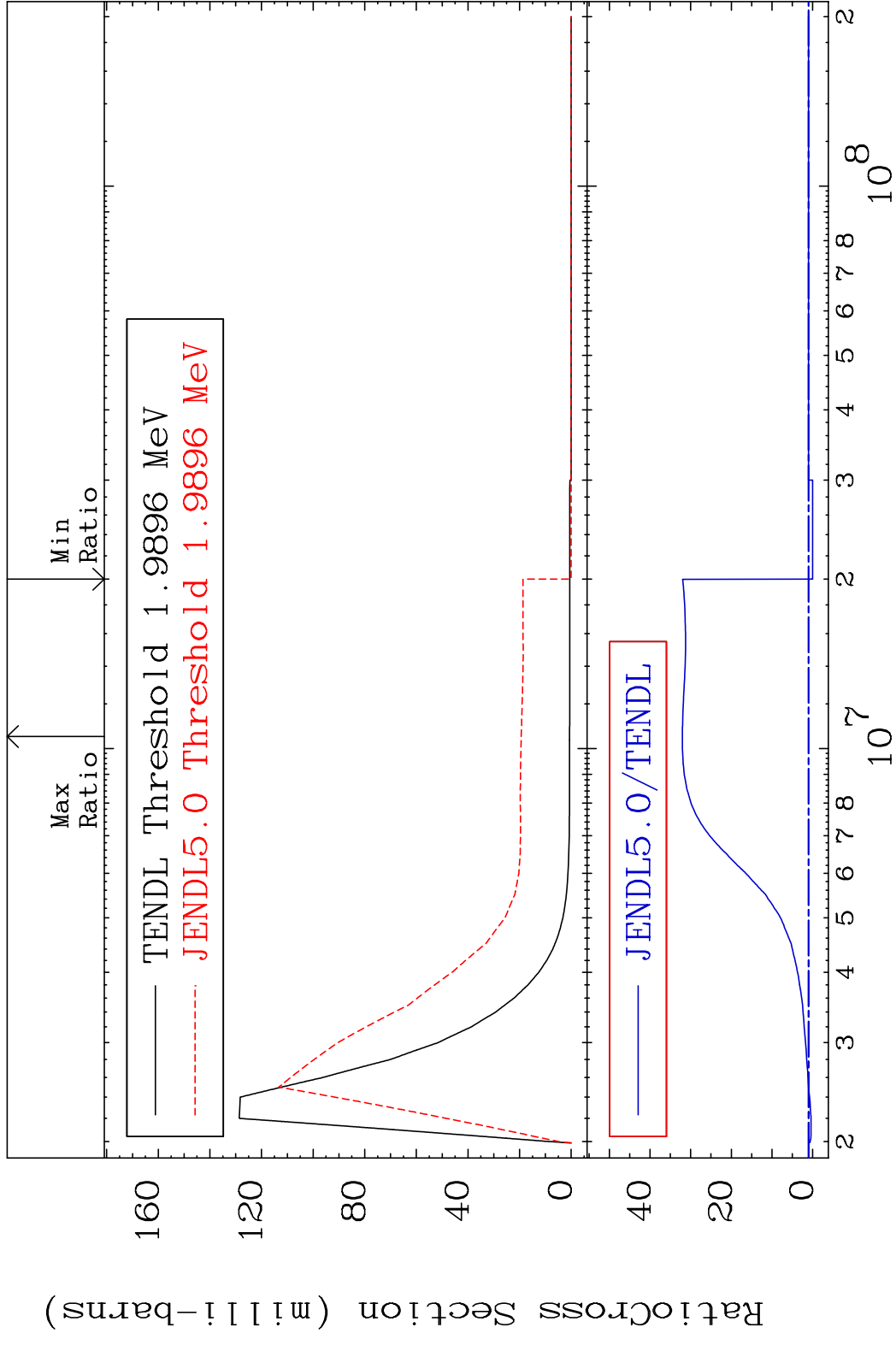


MAT 4449 MT= 61 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 9999. %

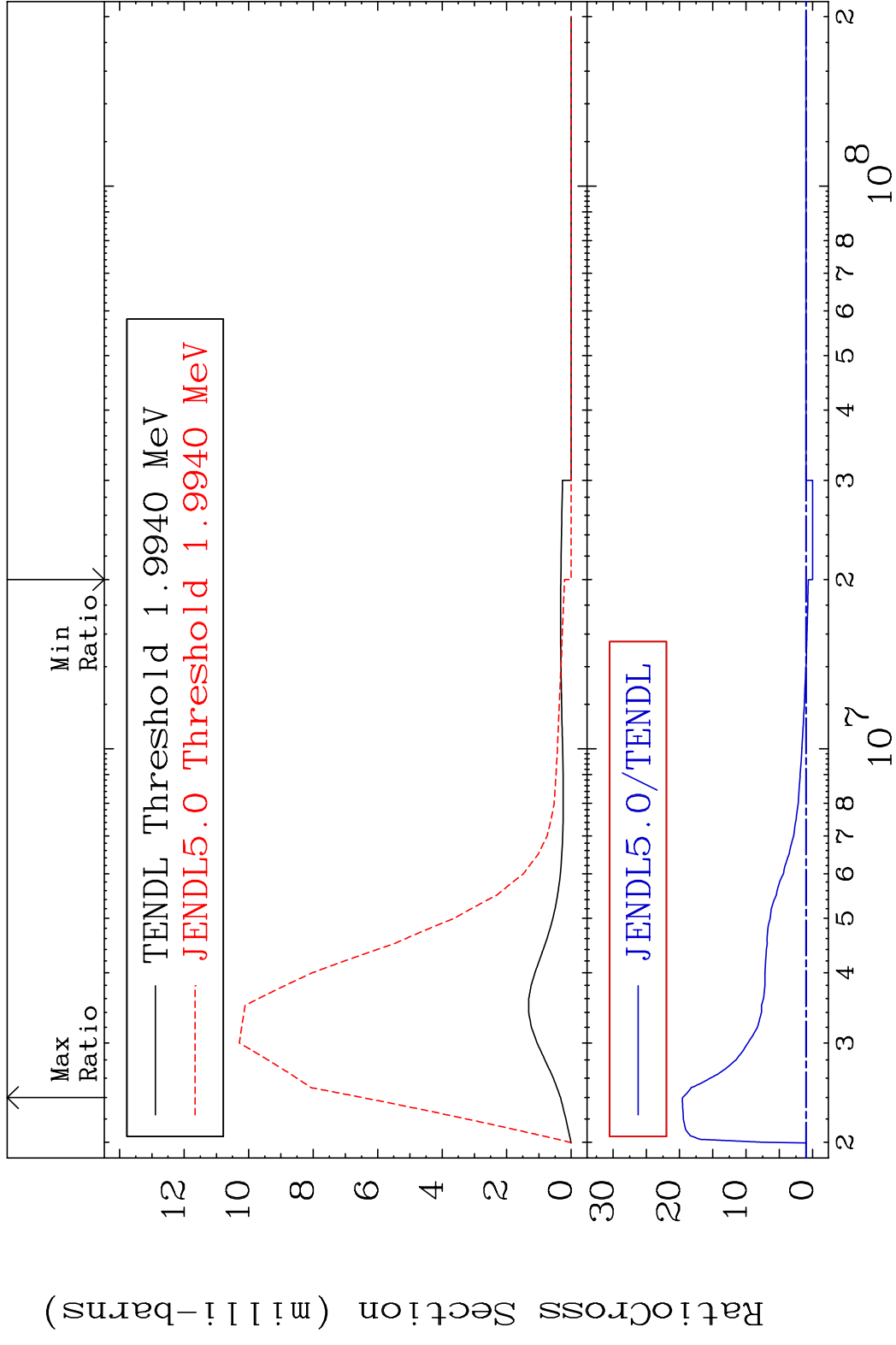


20 2 3 4 5 6 7 8 10 20 44-Ru-104

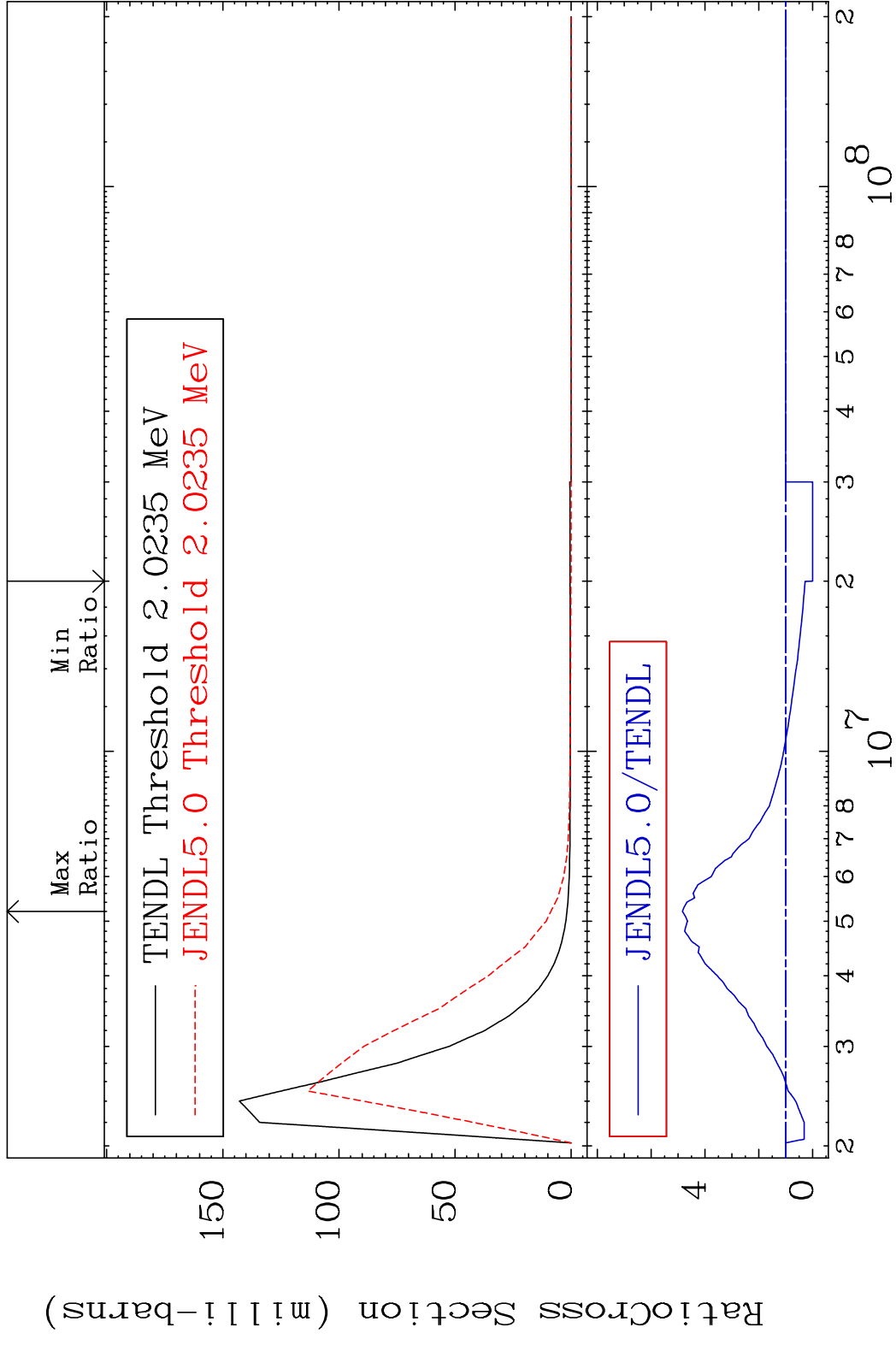
MAT 4449 MT= 62 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 3105. %



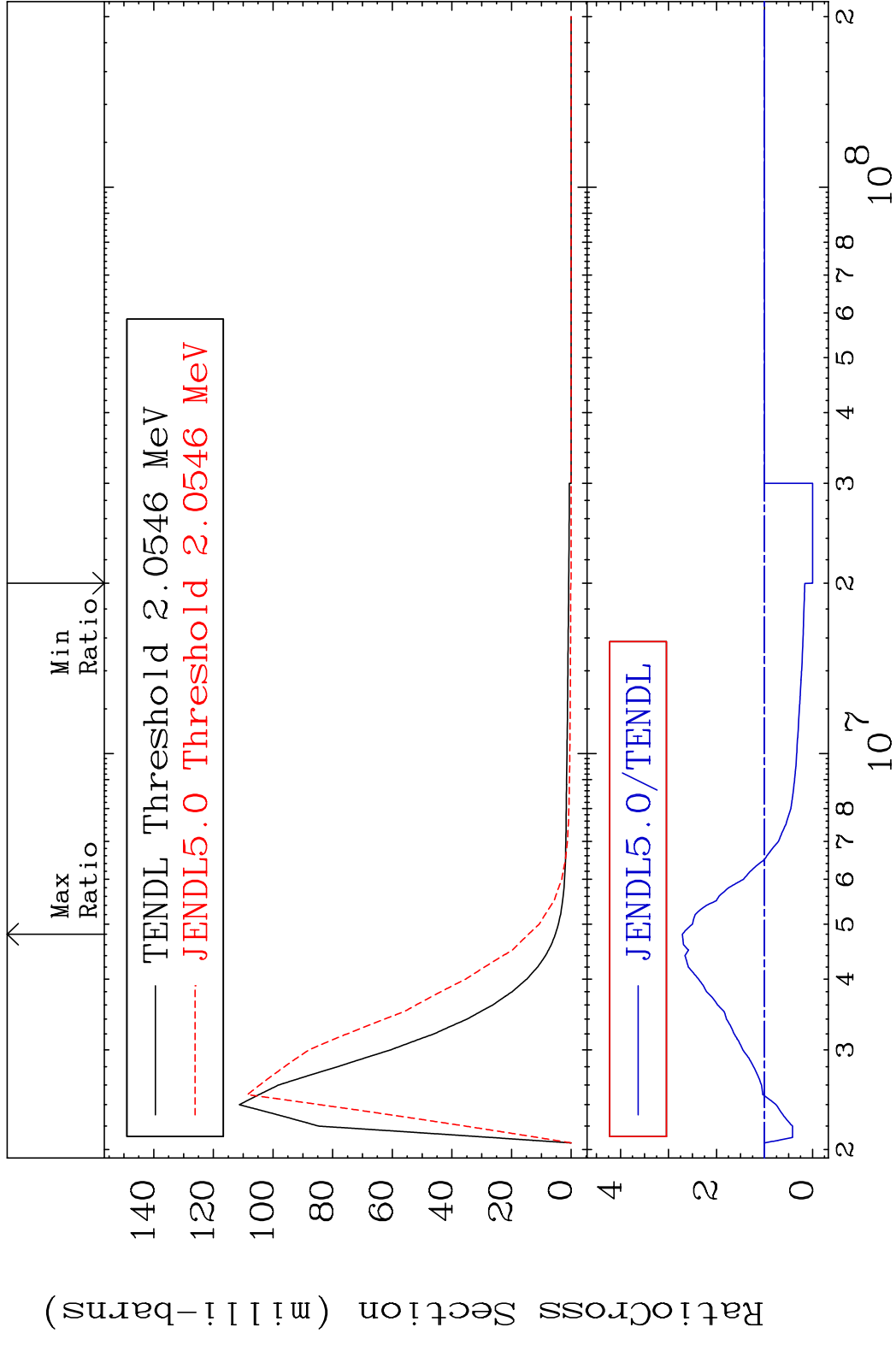
MAT 4449 MT= 63 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 1857. %



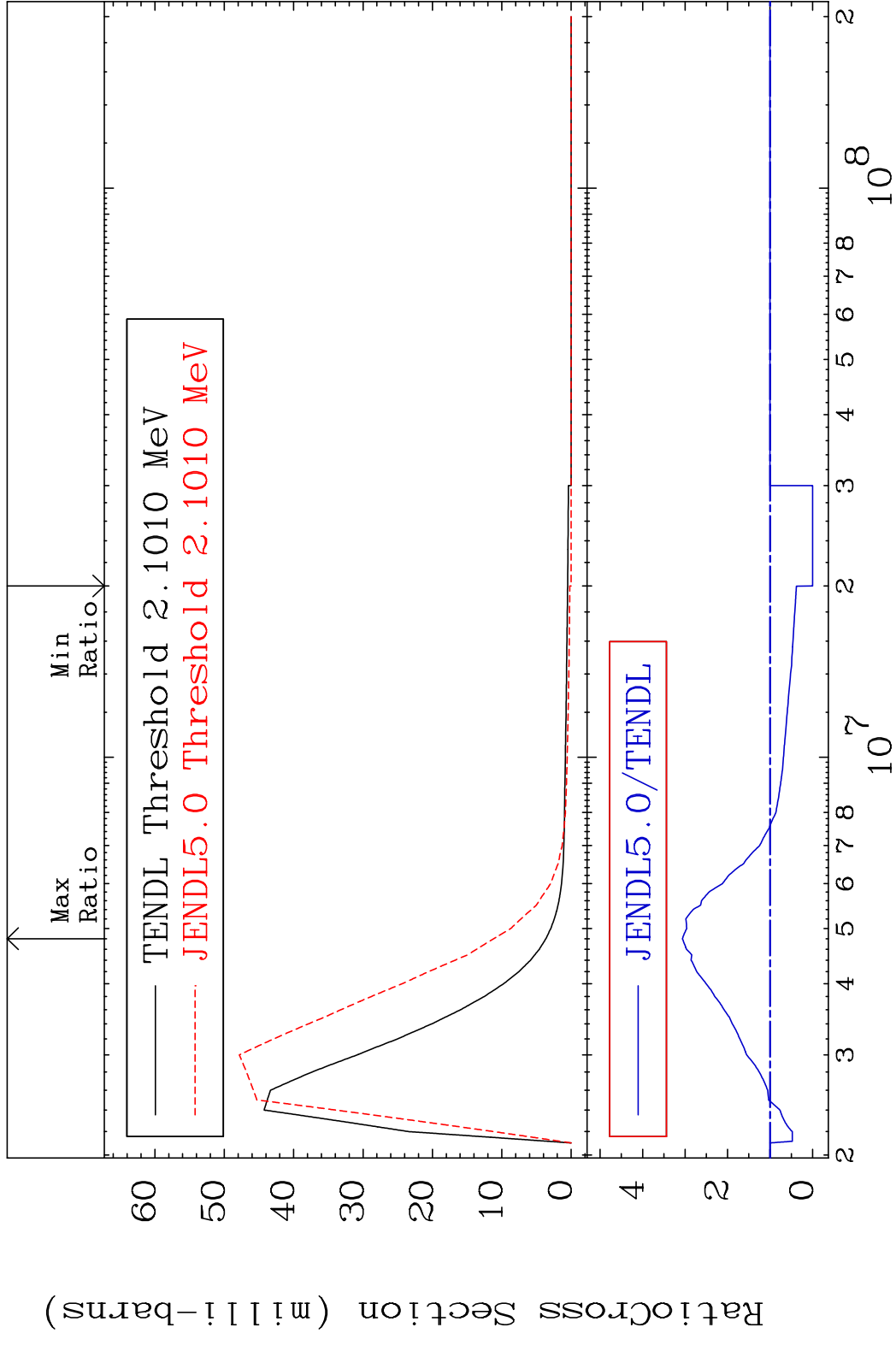
MAT 4449 MT= 64 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 383.7 %



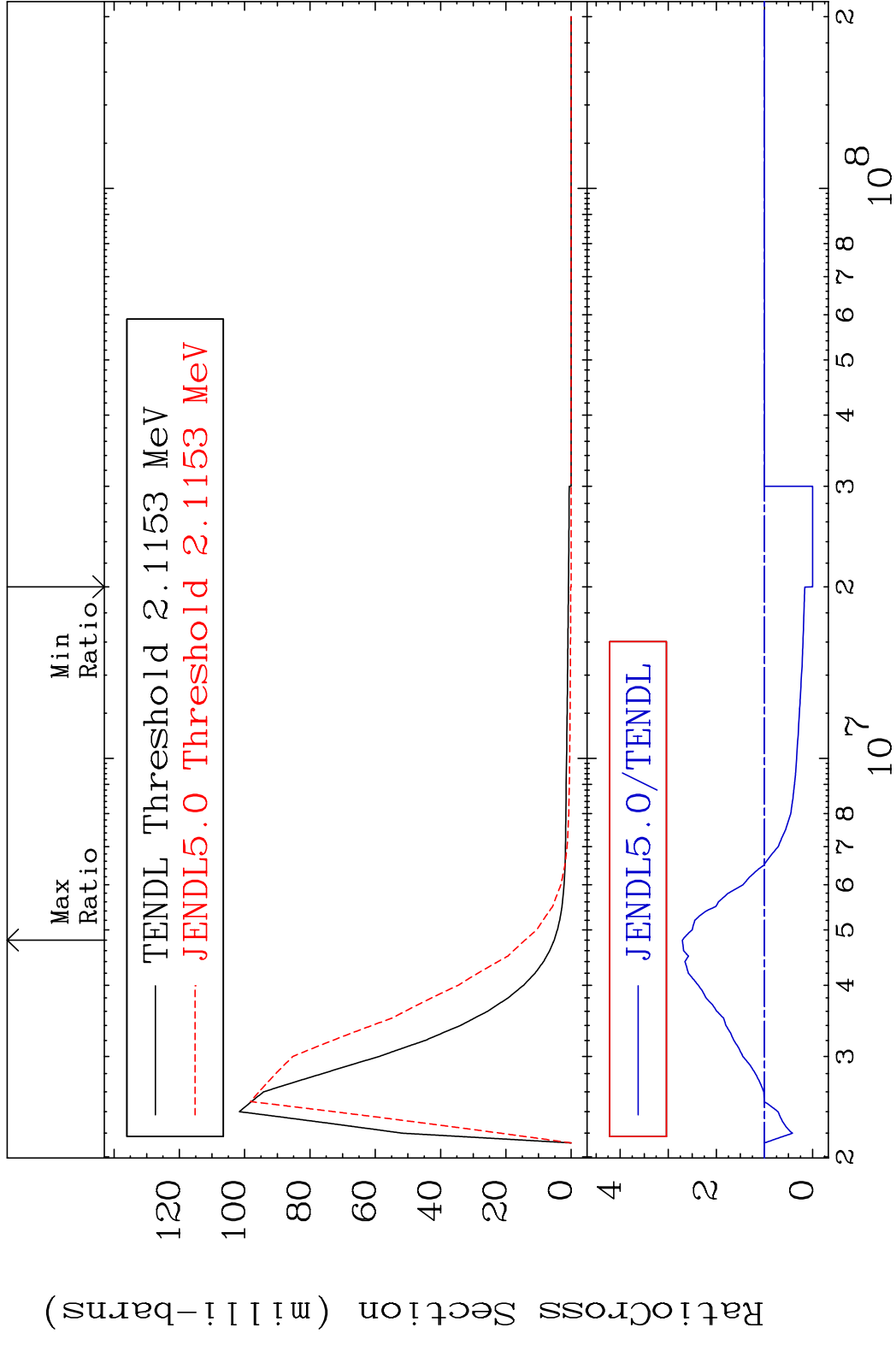
MAT 4449 MT= 65 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 171.2 %



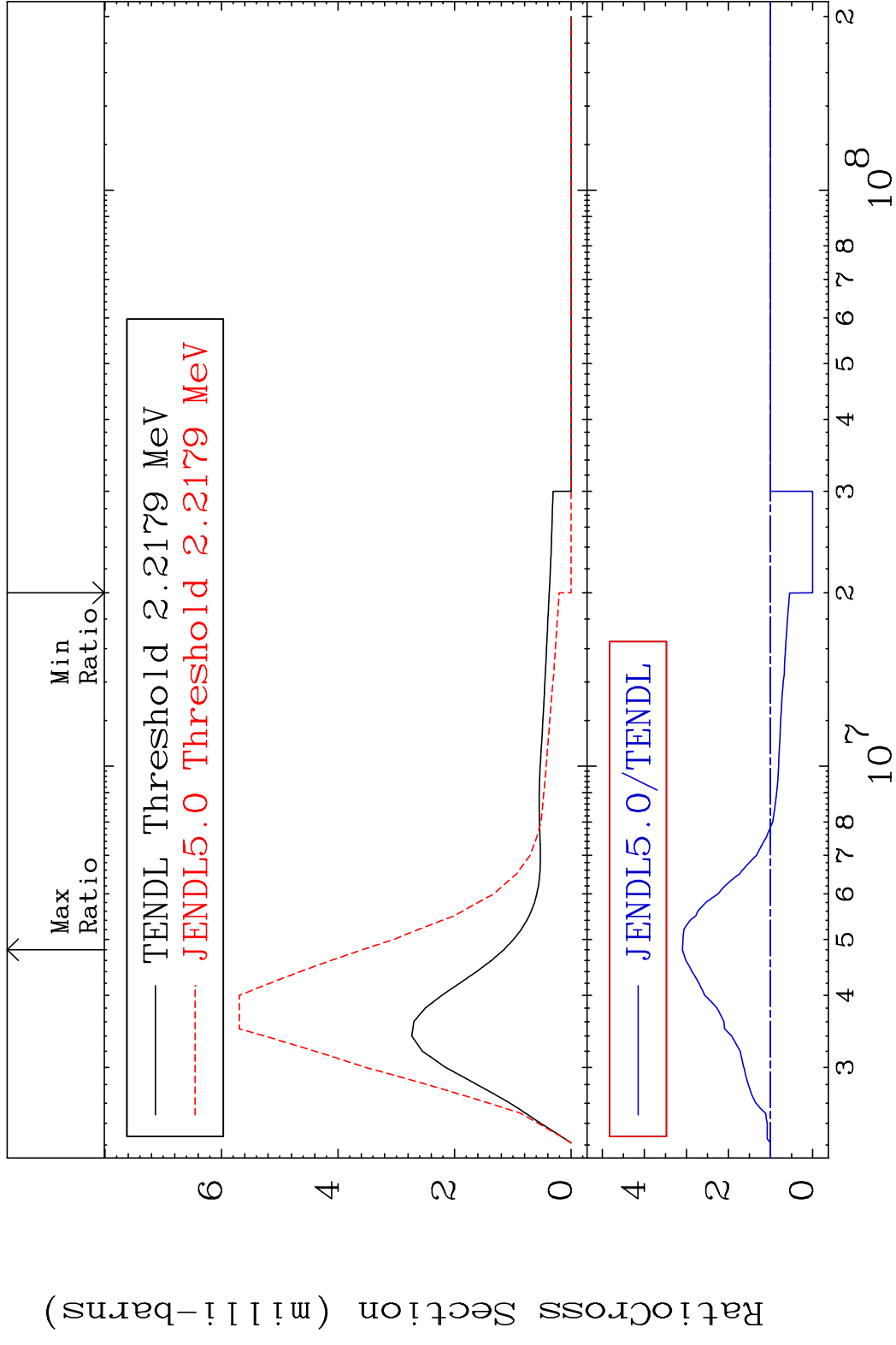
MAT 4449 MT= 66 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 206.5 %



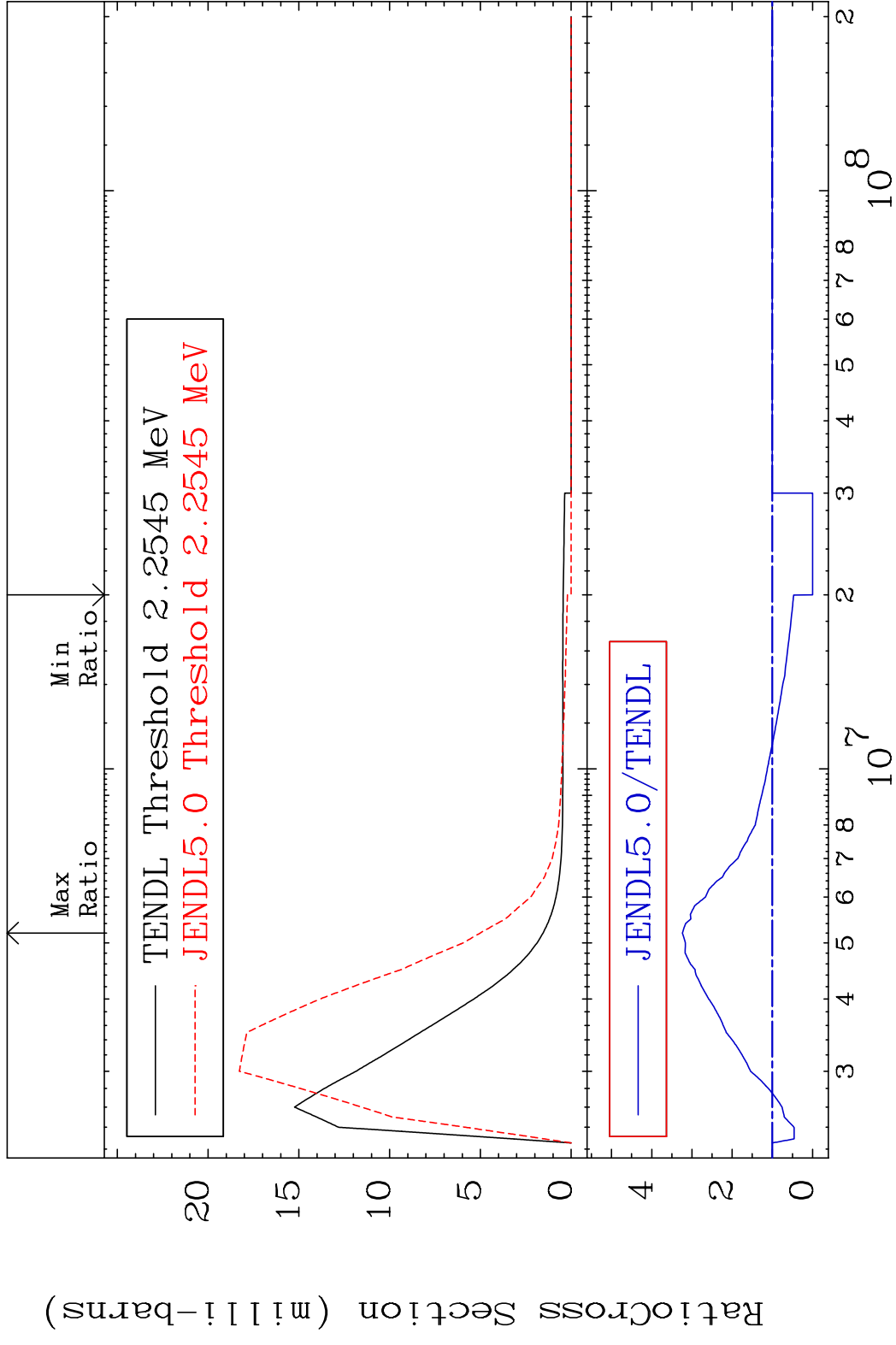
MAT 4449 MT= 67 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 170.7 %



MAT 4449 MT= 68 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 209.7 %



MAT 4449 MT= 69 (n, n') Level 44-Ru-104
 Cross Section -100.0 To 223.9 %

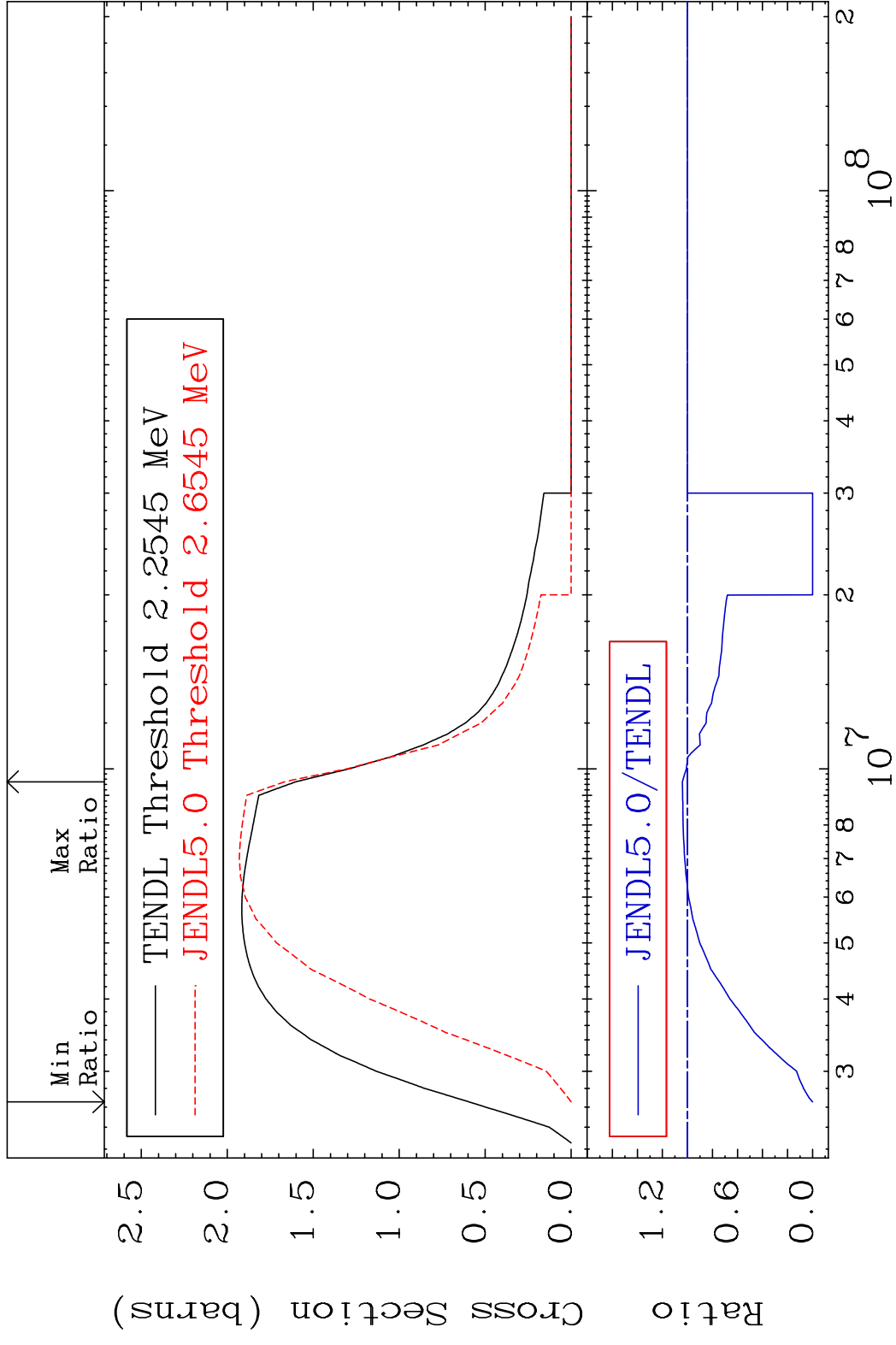


MAT 4449

(n,n') Continuum

44-Ru-104

Cross Section -100.0 To 4.073 %

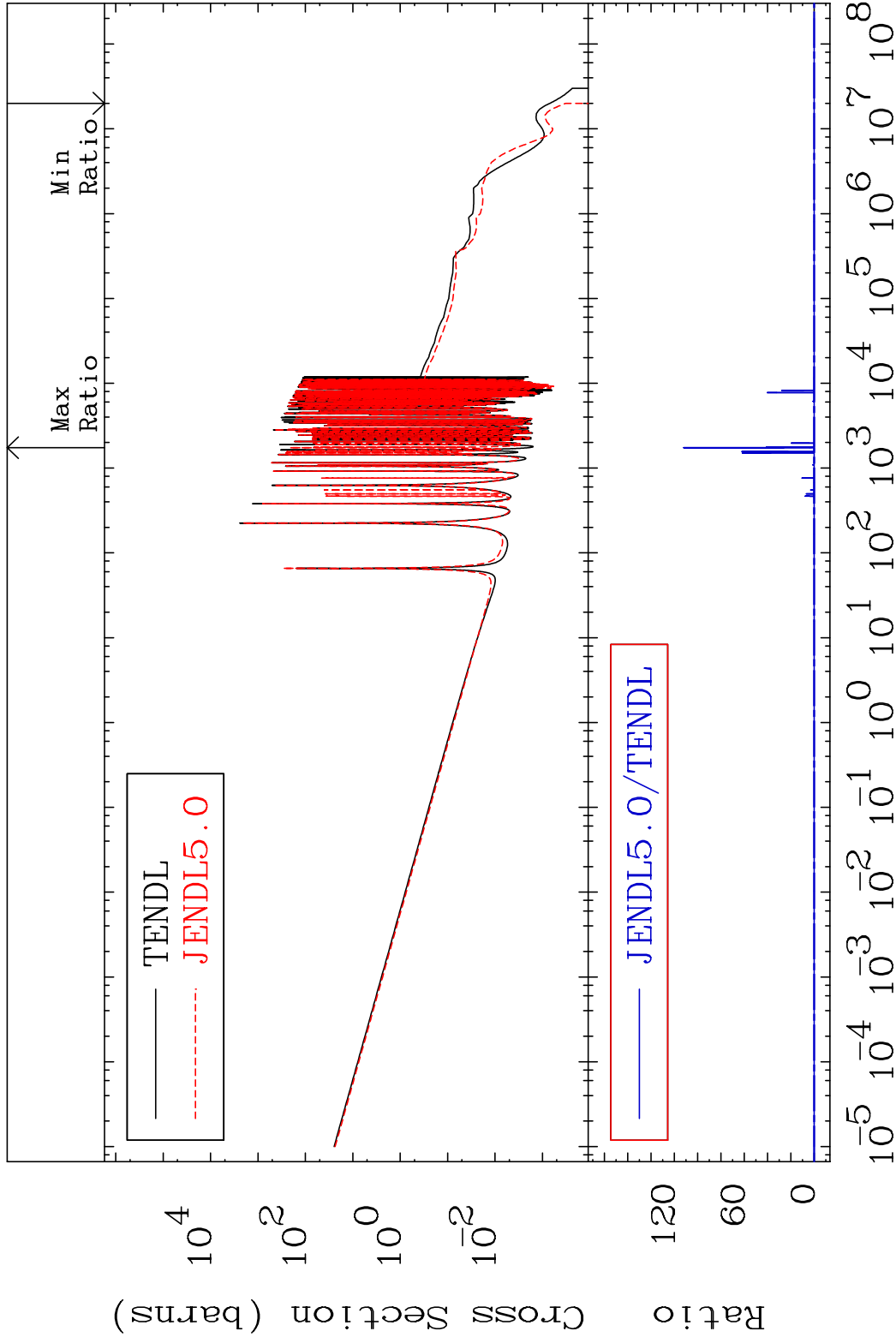


MAT 4449

(n, γ)

44-Ru-104

Cross Section -100.0 To 9999. %

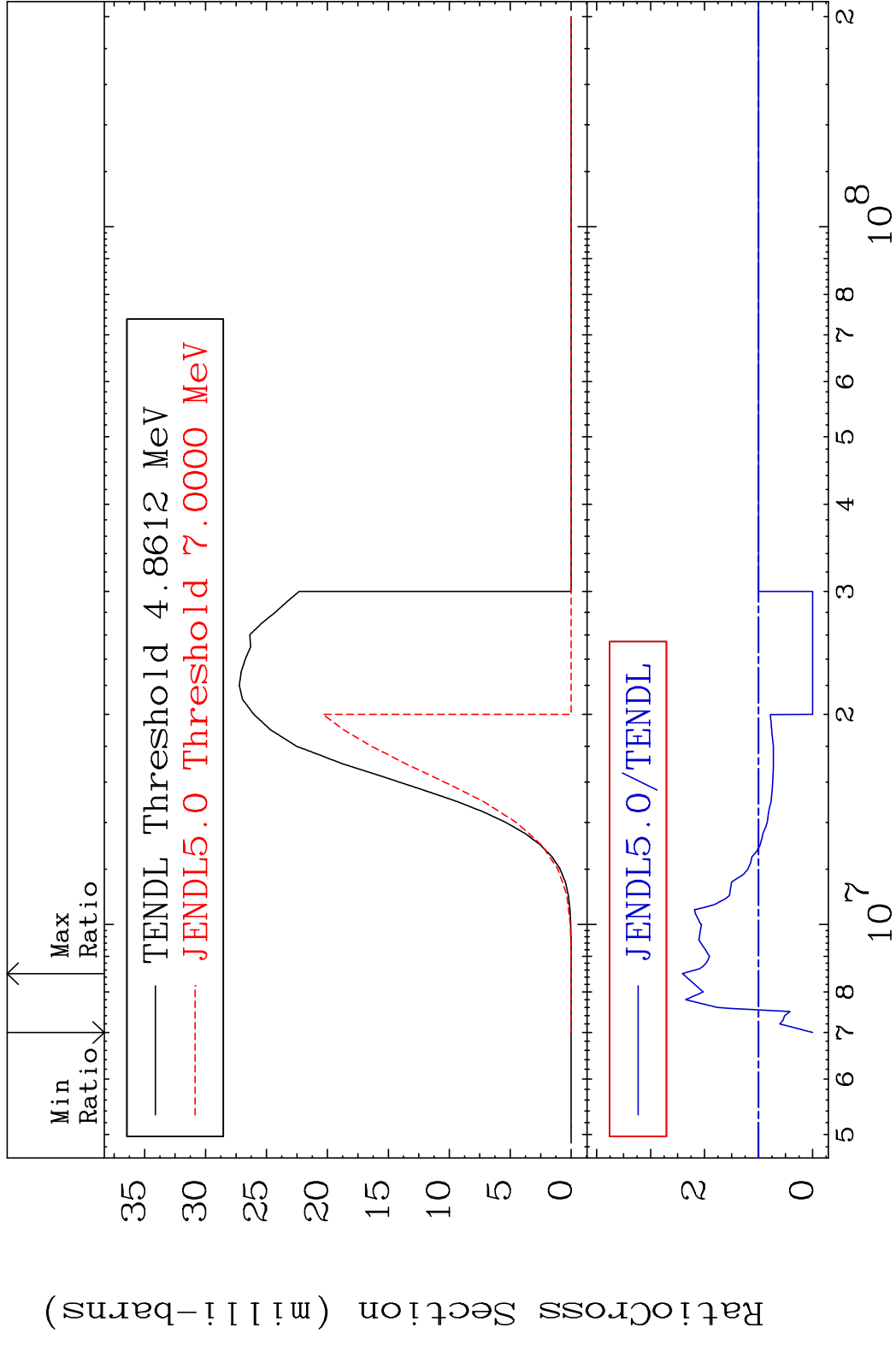


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Incident Energy (eV)

44-Ru-104

MAT 4449 (n,p) 44-Ru-104
 Cross Section -100.0 To 141.2 %

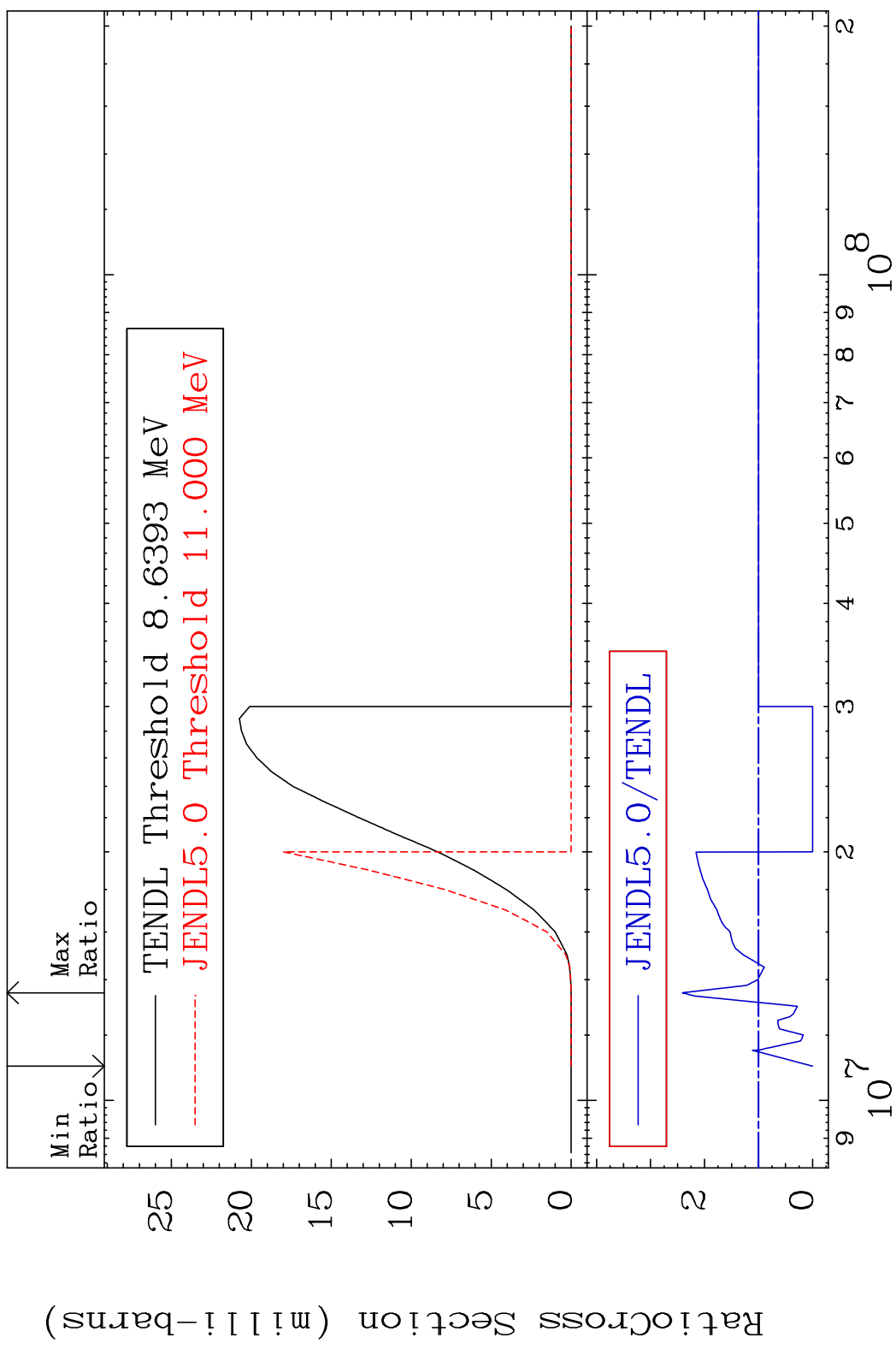


MAT 4449

(n, d)

44-Ru-104

Cross Section -100.0 To 141.1 %

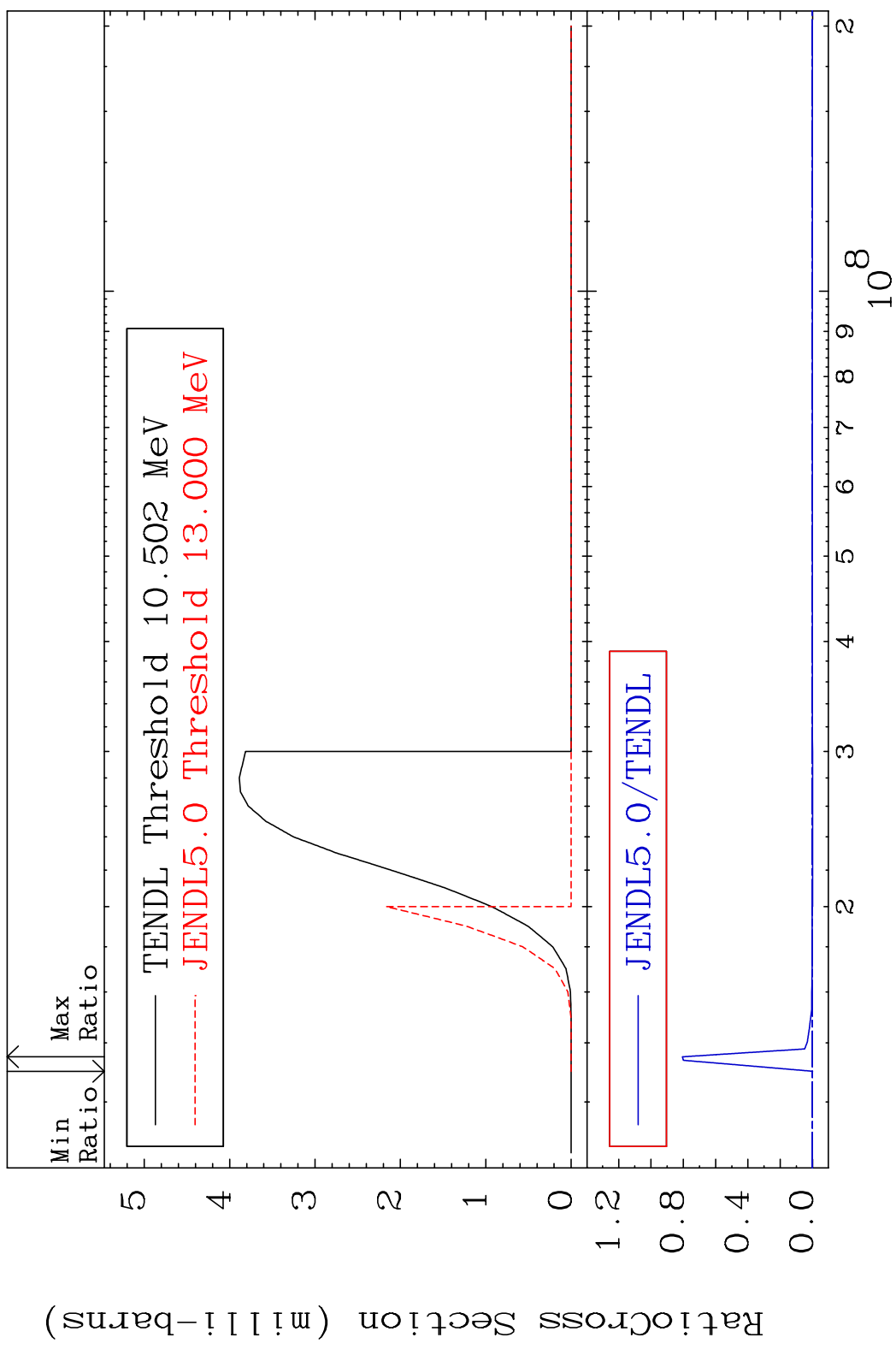


MAT 4449

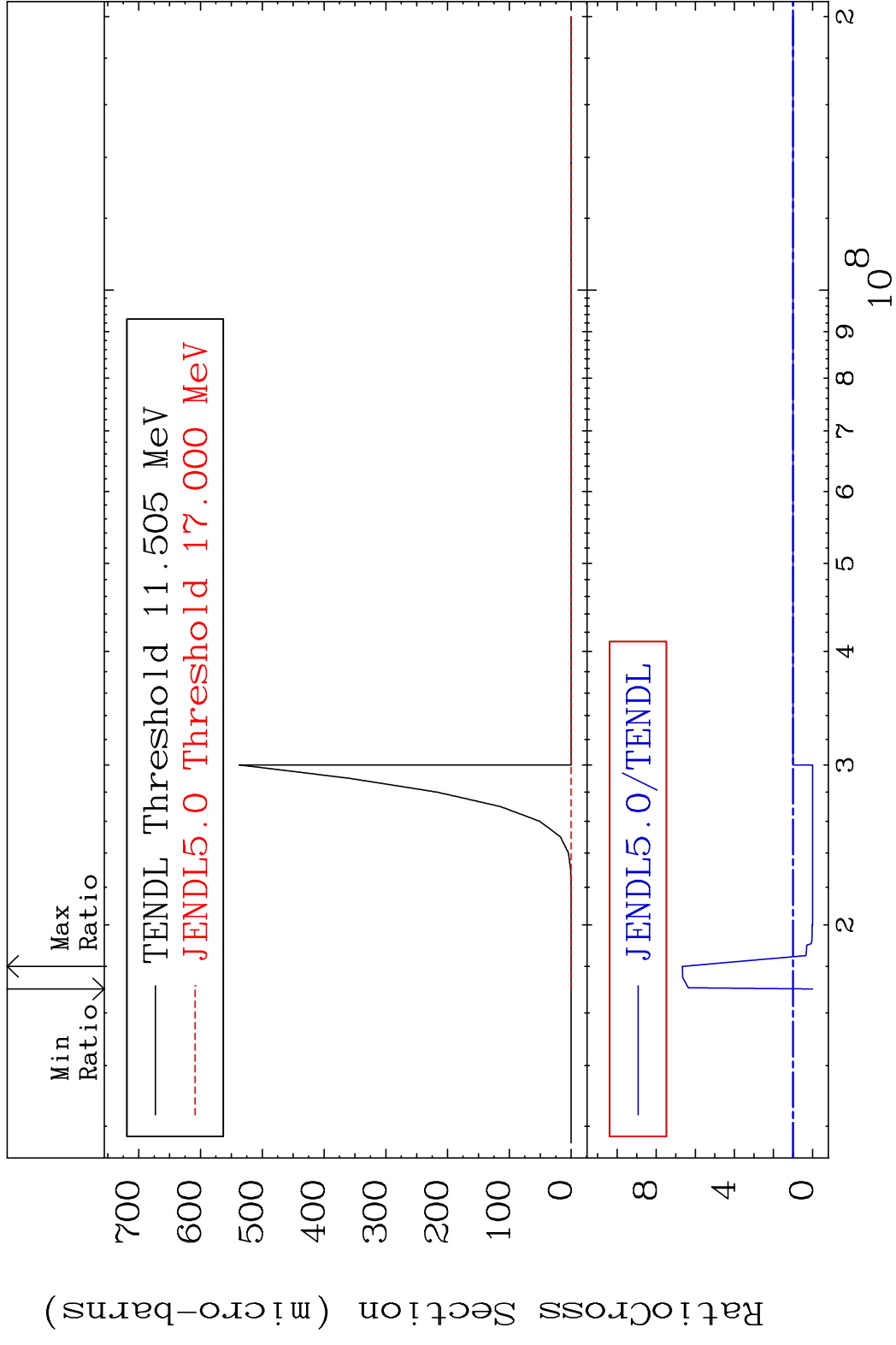
(n, t)

44-Ru-104

Cross Section -100.0 To 9999. %



MAT 4449 (n, He-3) 44-Ru-104
 Cross Section -100.0 To 566.3 %

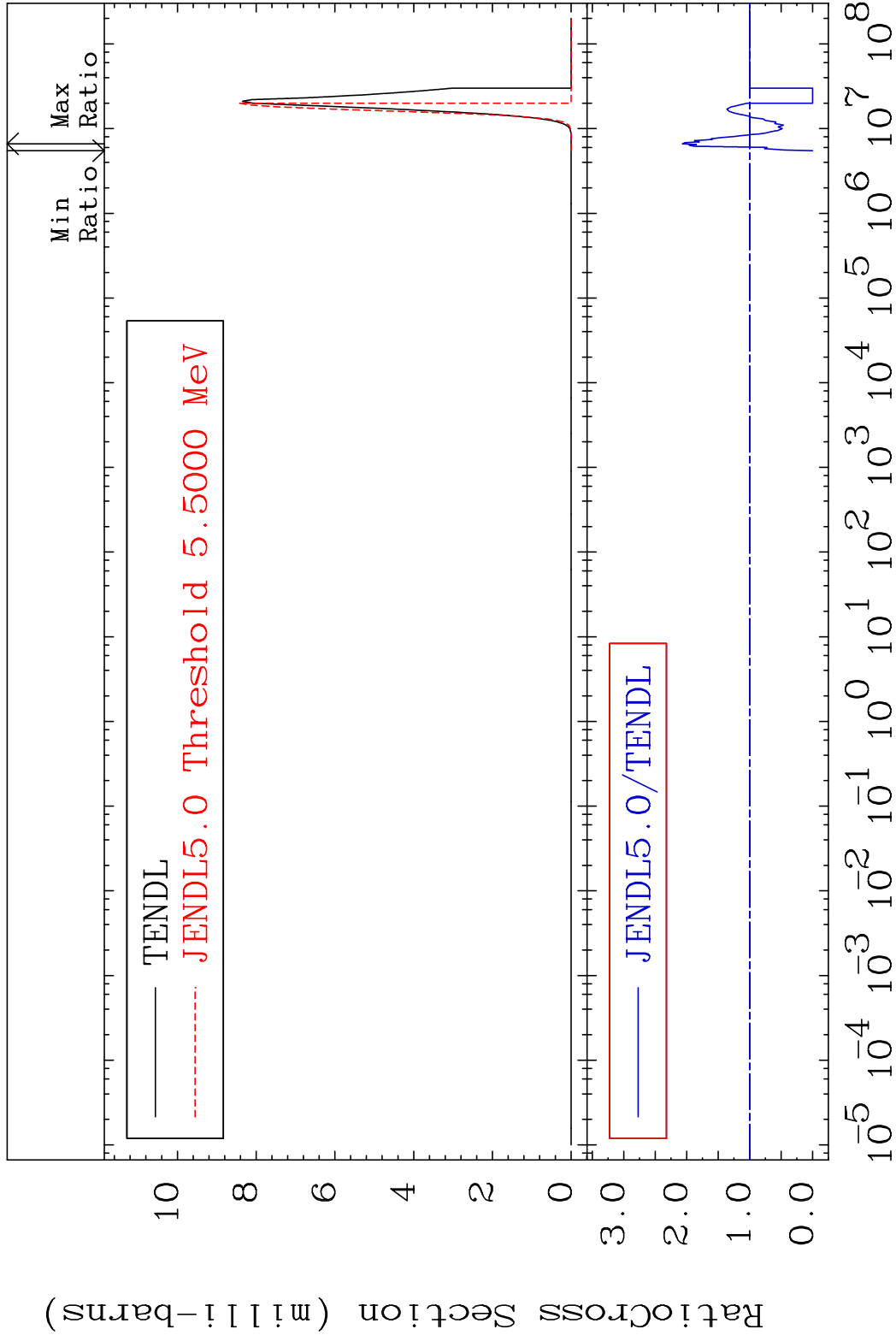


MAT 4449

(n, α)

44-Ru-104

Cross Section -100.0 To 106.9 %

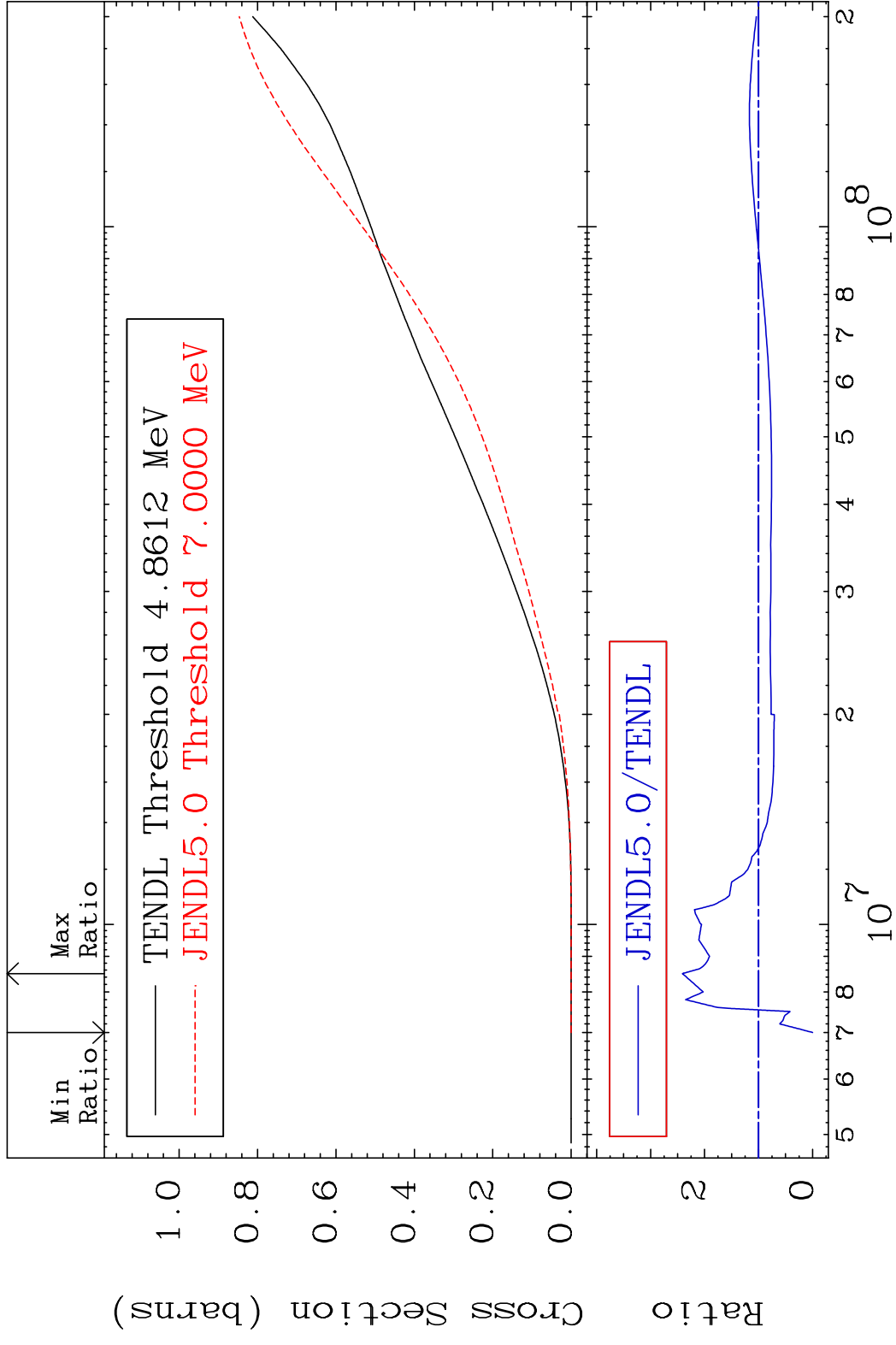


35

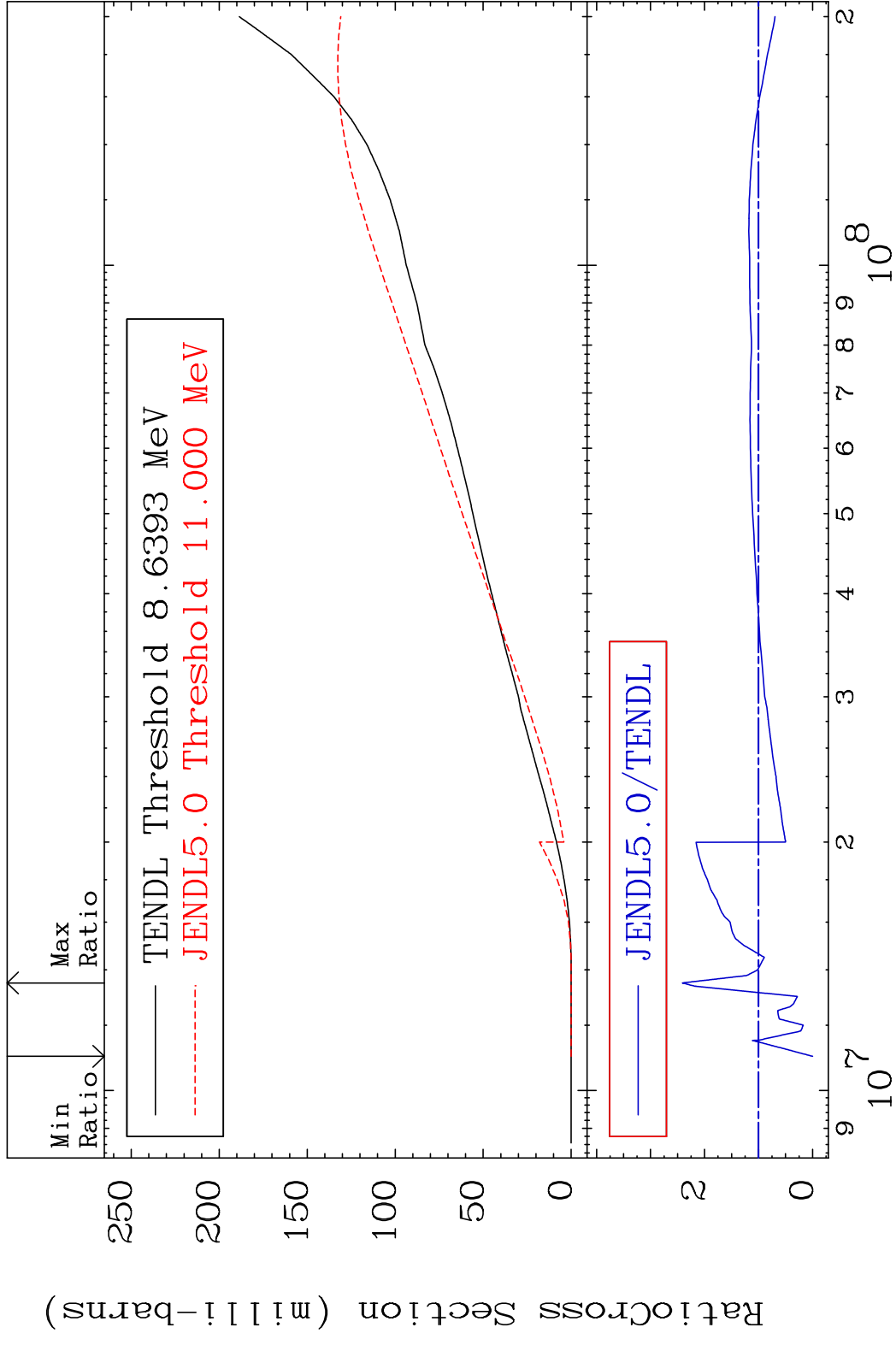
Incident Energy (eV)

44-Ru-104

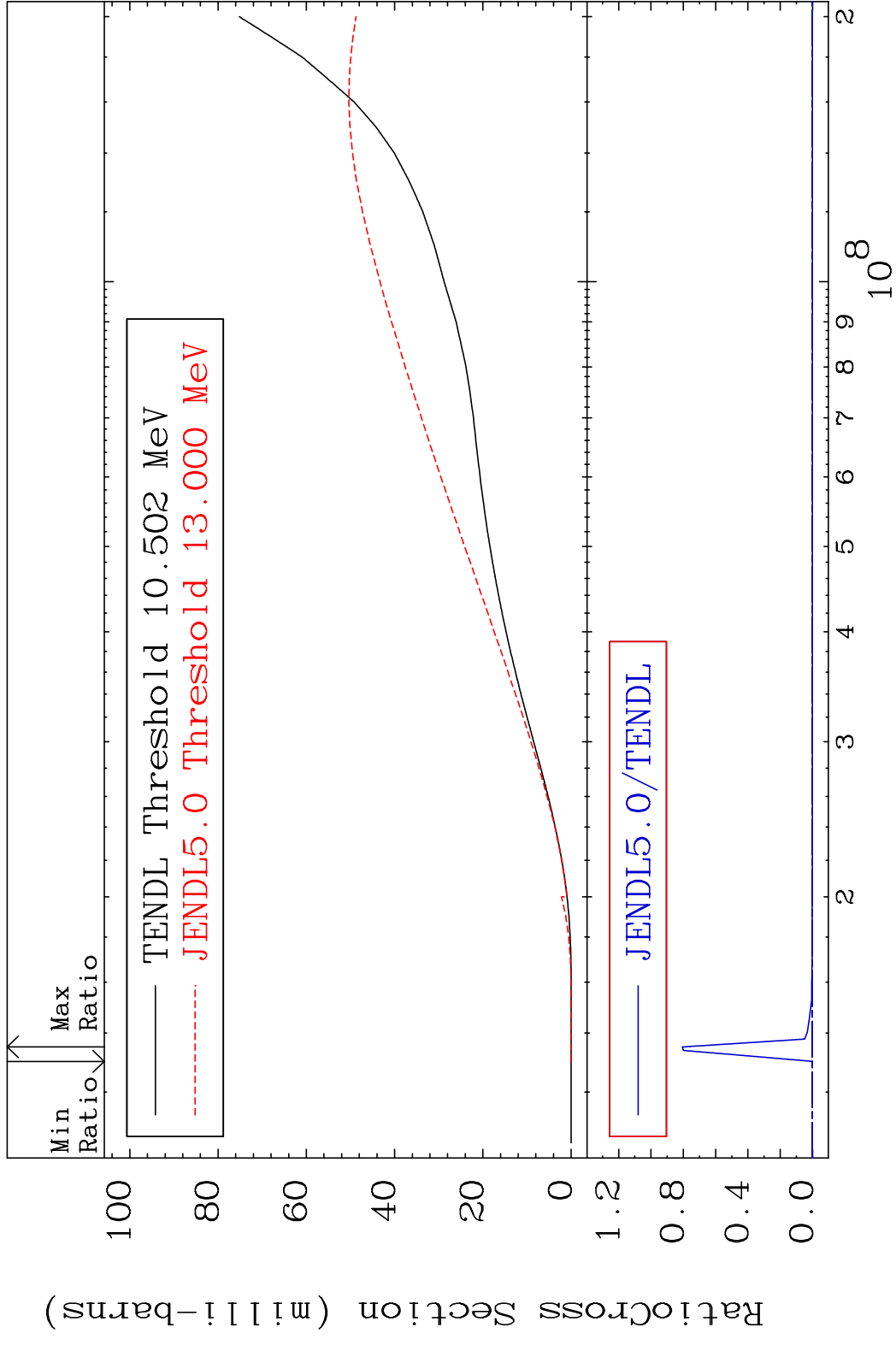
MAT 4449 Hydrogen Production 44-Ru-104
 Cross Section -100.0 To 141.2 %



MAT 4449 Deuterium Production 44-Ru-104
 Cross Section -100.0 To 141.1 %



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

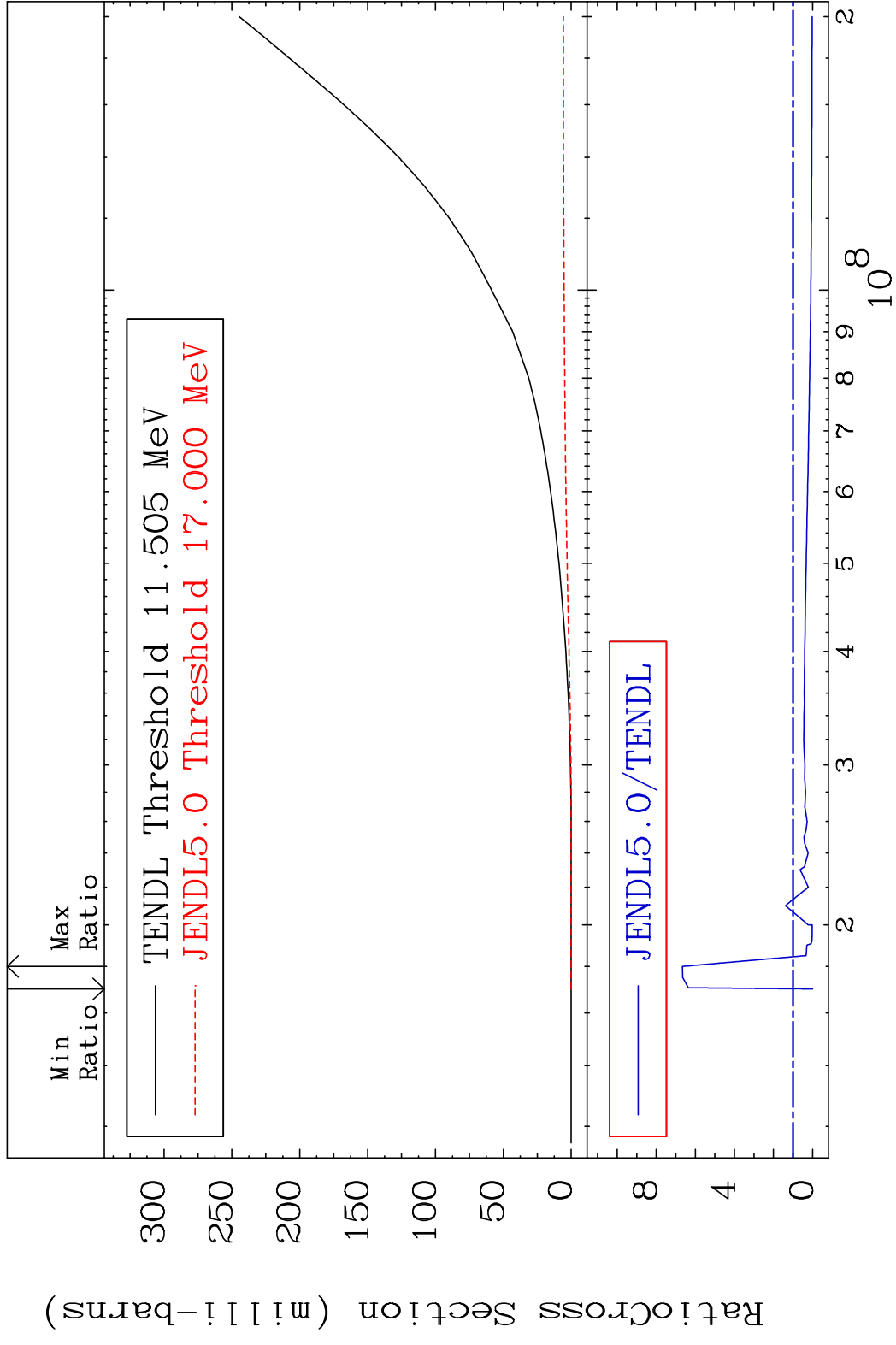


MAT 4449

He-3 Production

44-Ru-104

Cross Section -100.0 To 566.3 %

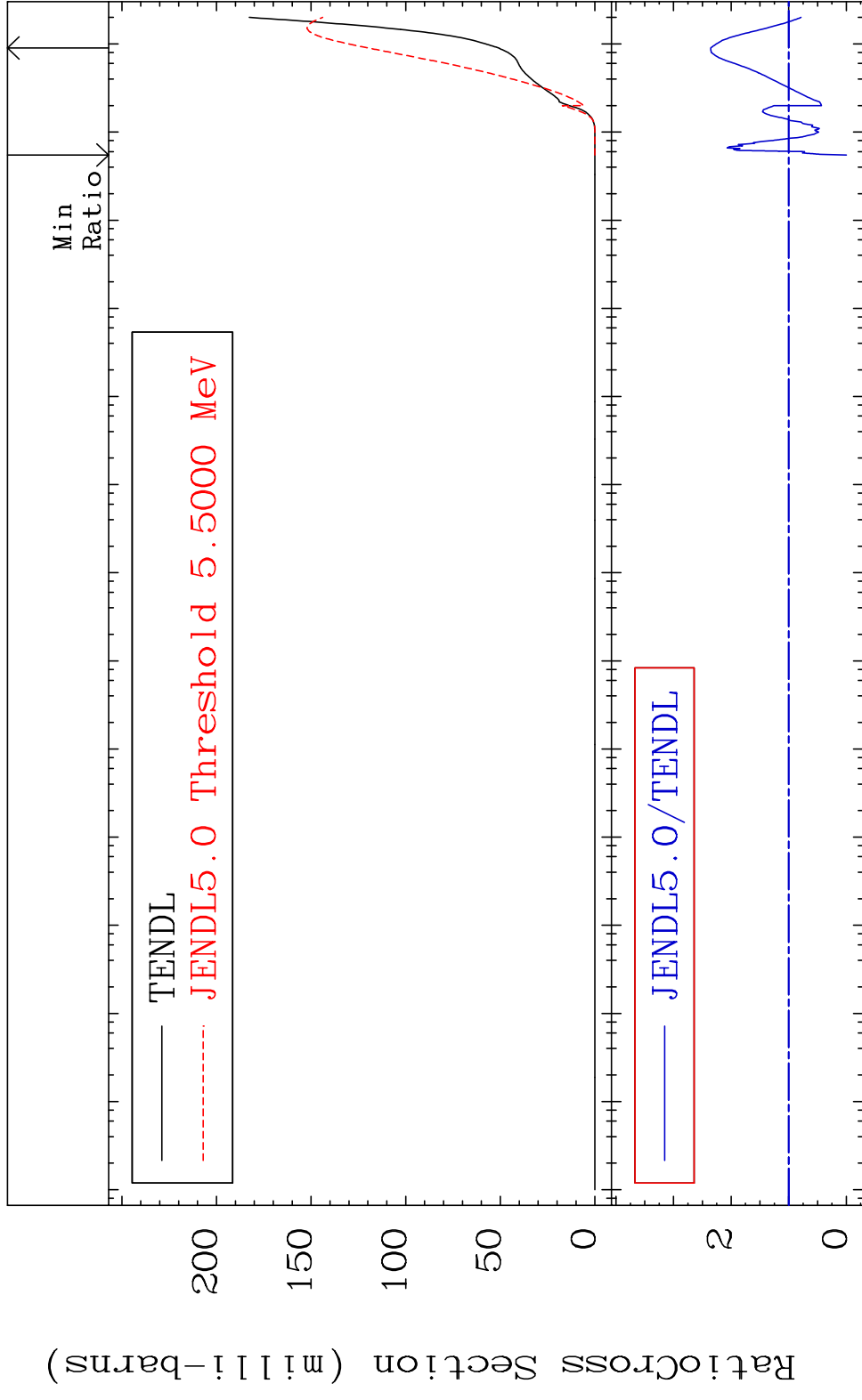


MAT 4449

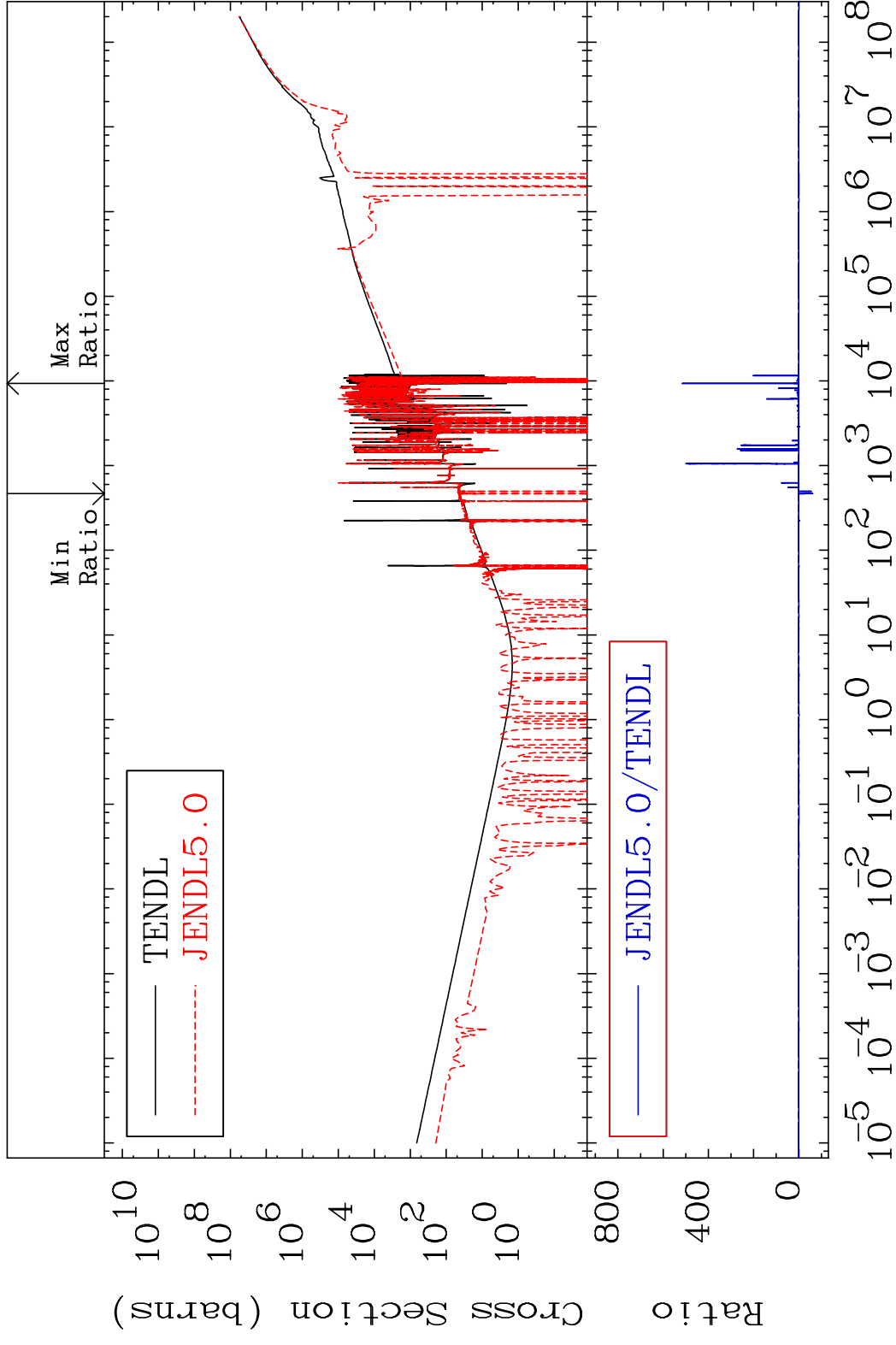
He-4 Production

44-Ru-104

Cross Section -100.0 To 135.5 %



MAT 4449 Kerma total (eV-barns) 44-Ru-104
 Cross Section -6170. To 9999. %

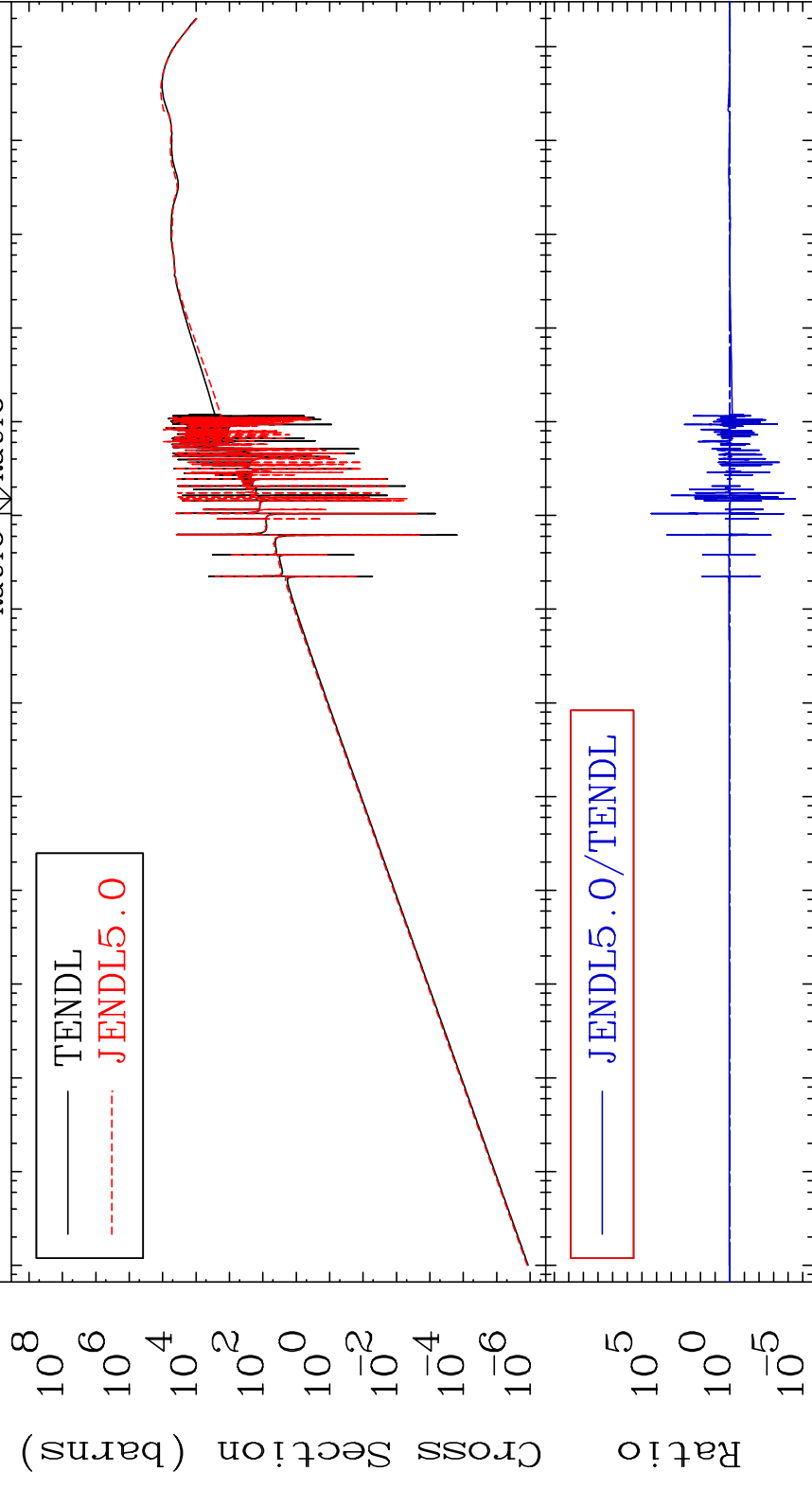


41 Incident Energy (eV) 44-Ru-104

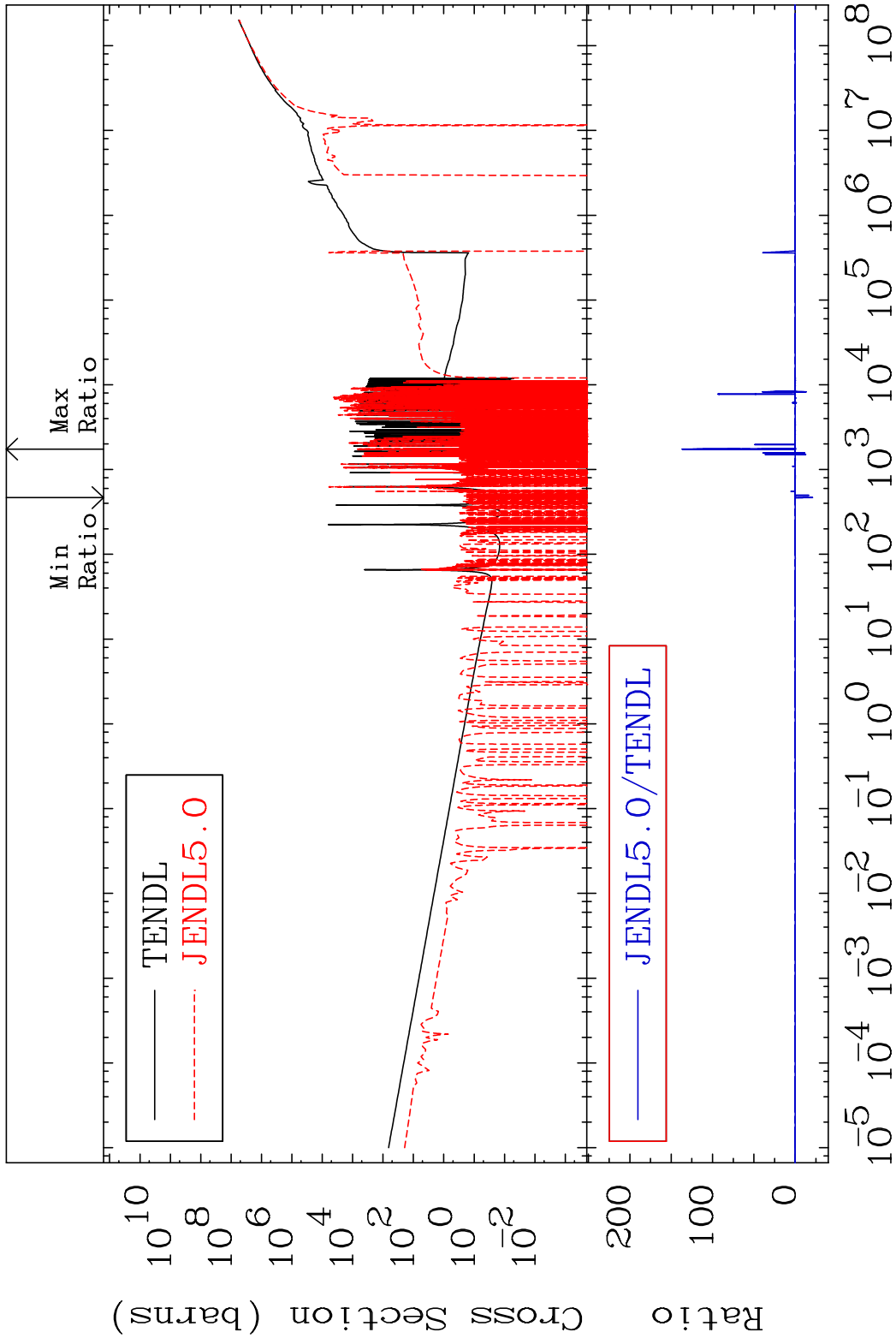
MAT 4449

Kerma elastic
Cross Section -100.0 To 9999. %

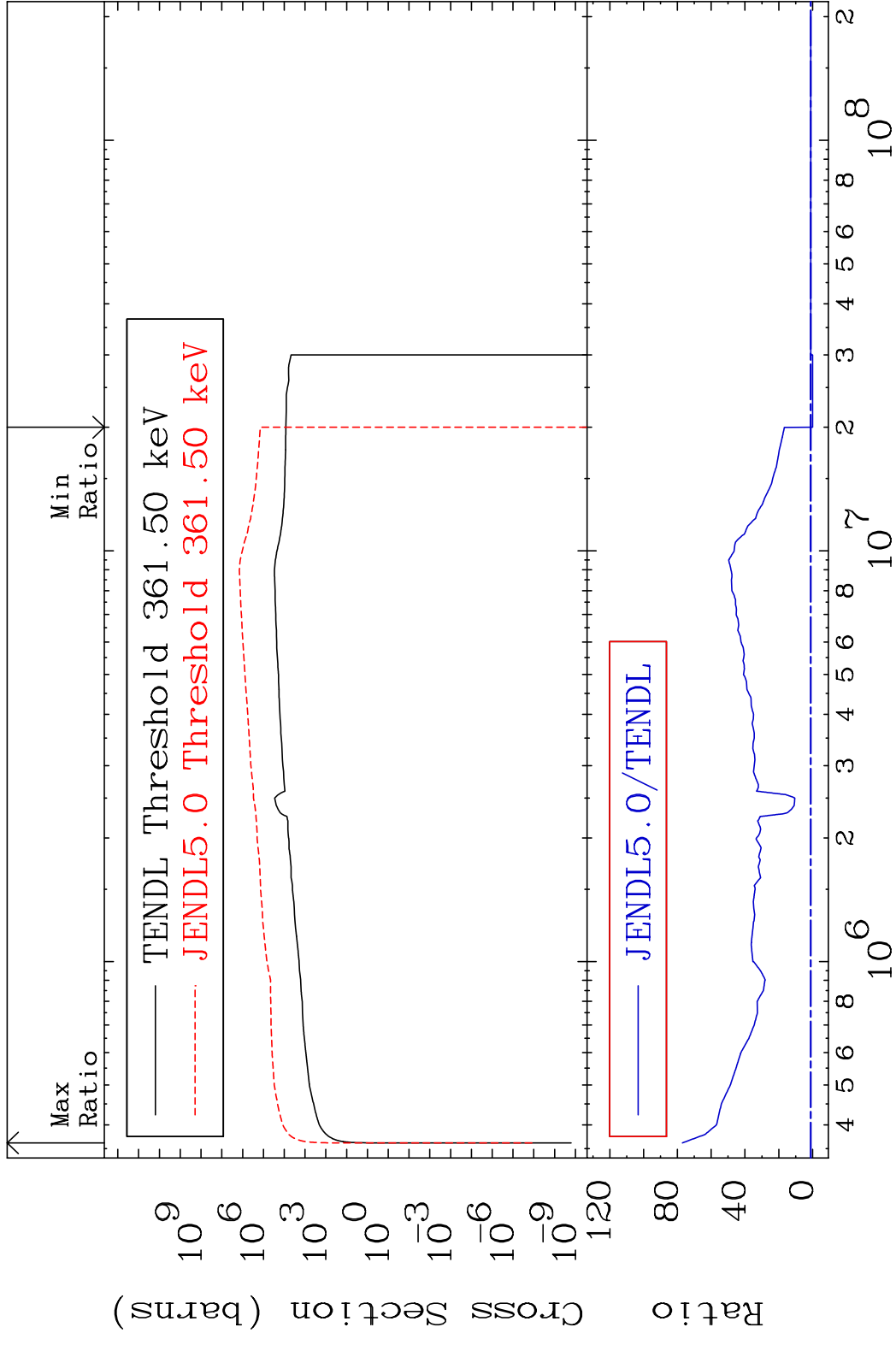
44-Ru-104



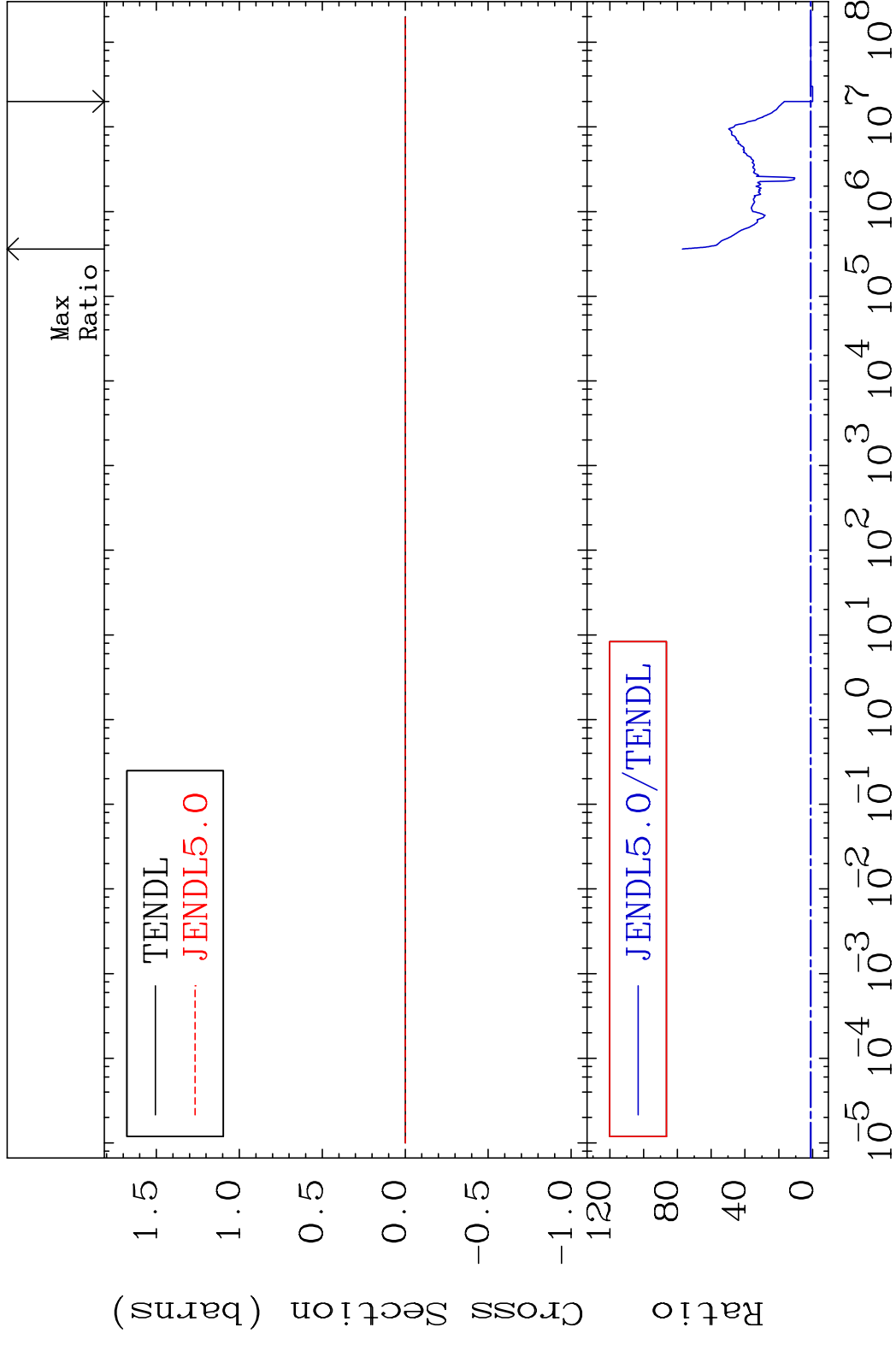
MAT 4449 Kerma non-elastic (all but mt2) 44-Ru-104
Cross Section -9999. To 9999. %



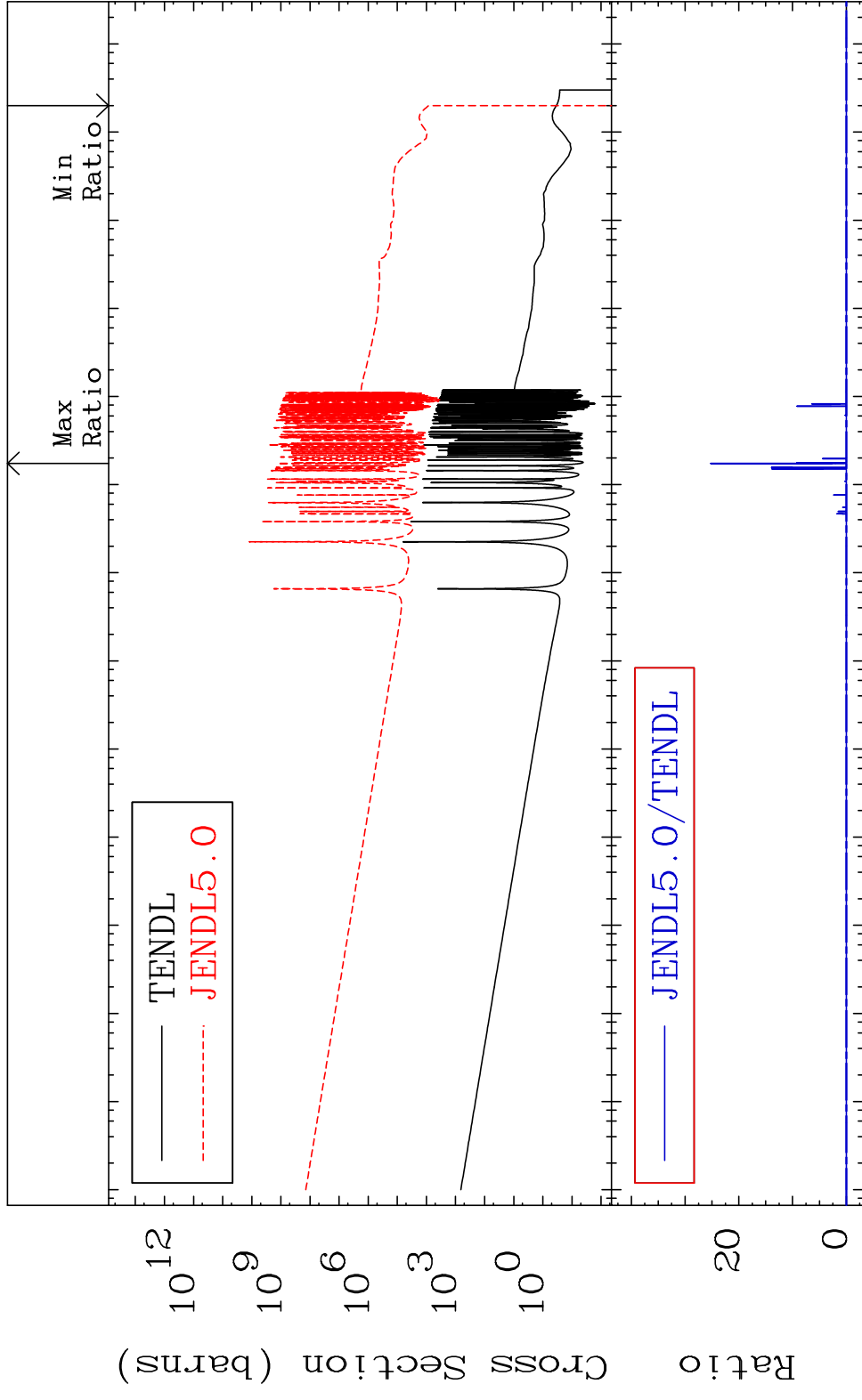
MAT 4449 Kerma inelastic (mt51-91) 44-Ru-104
 Cross Section -100.0 To 7607. %



MAT 4449 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-104
 Cross Section -100.0 To 7607. %

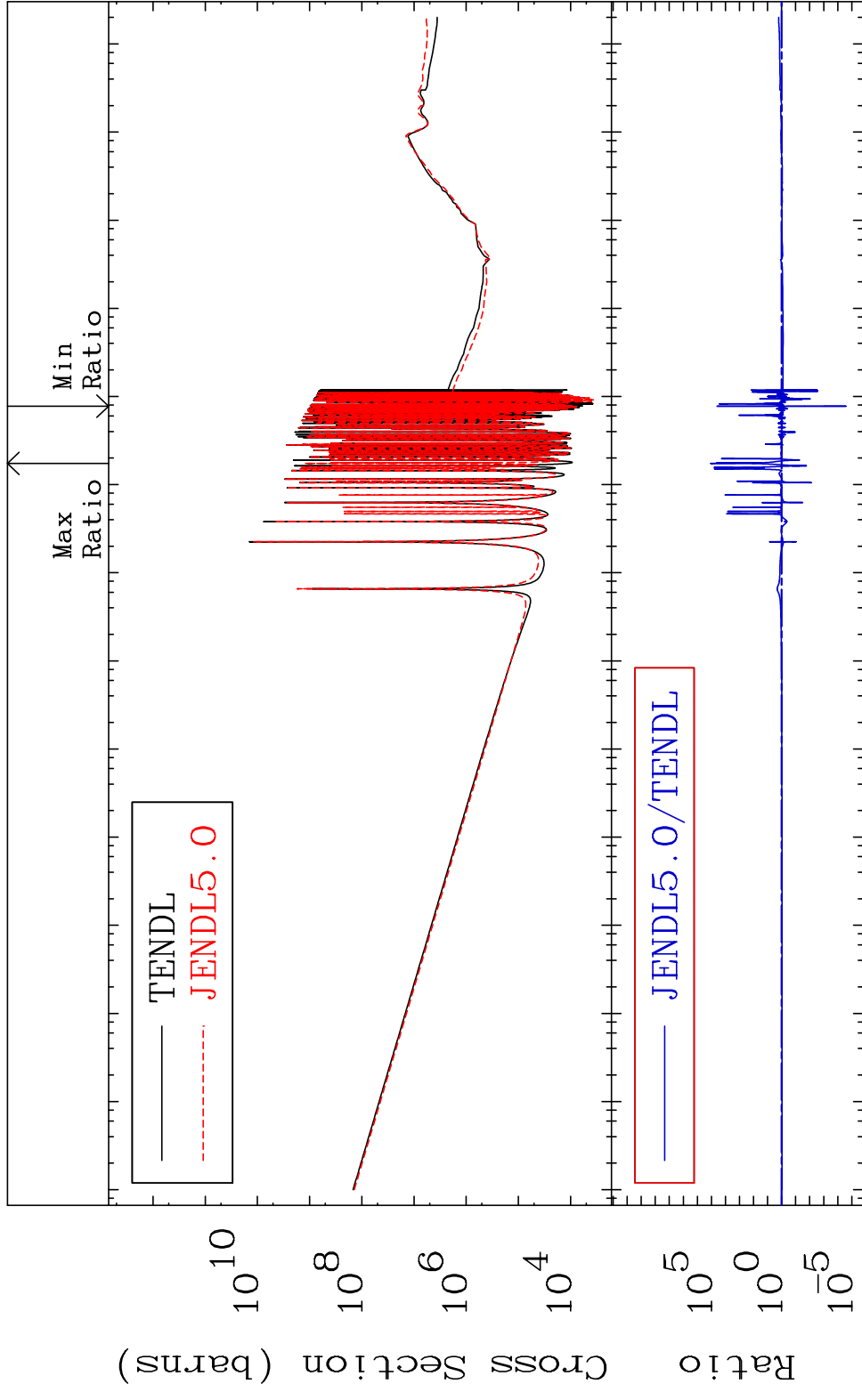


MAT 4449 Kerma capture (mt102) 44-Ru-104
 Cross Section -100.0 To 9999. %



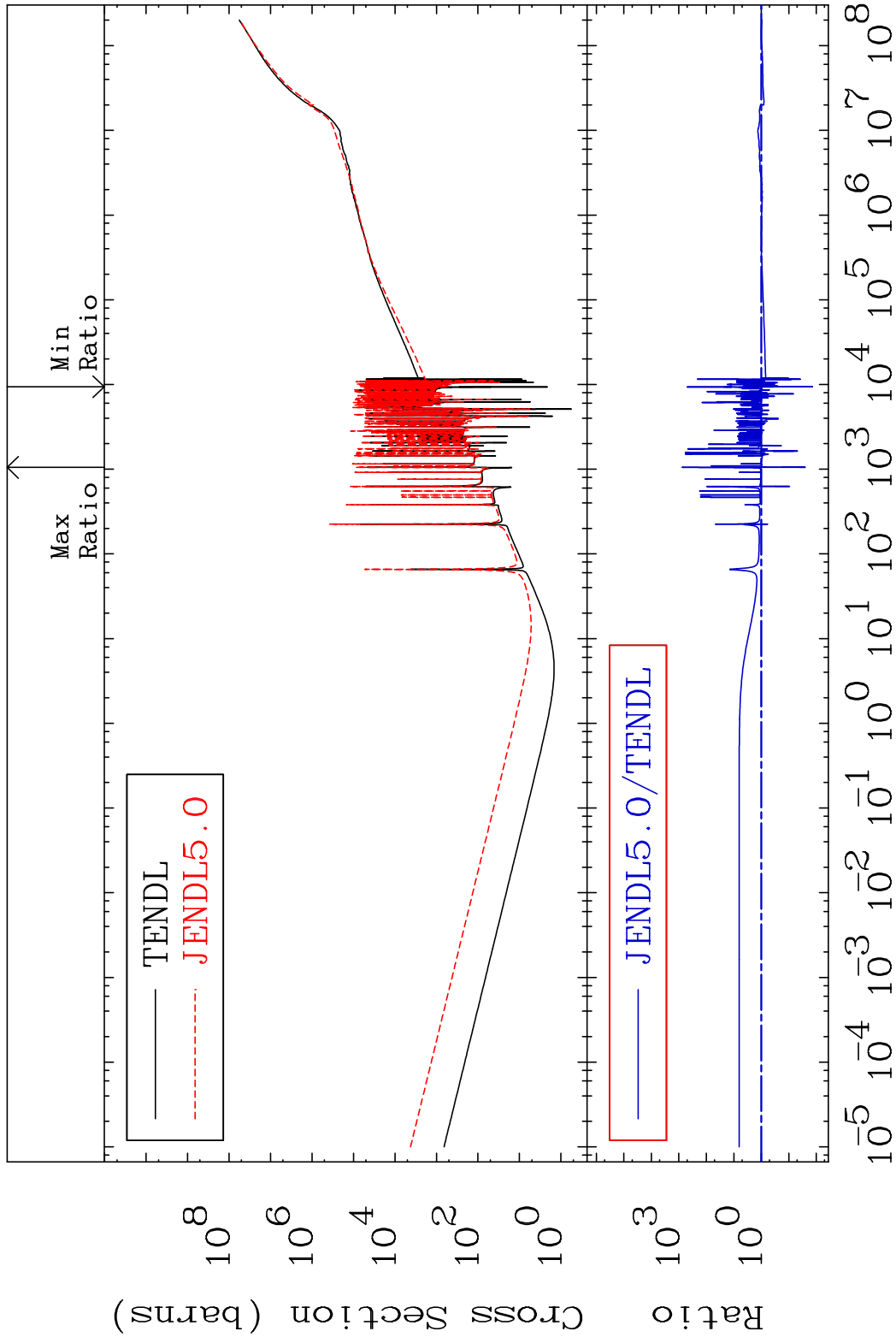
46 Incident Energy (eV) 44-Ru-104

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

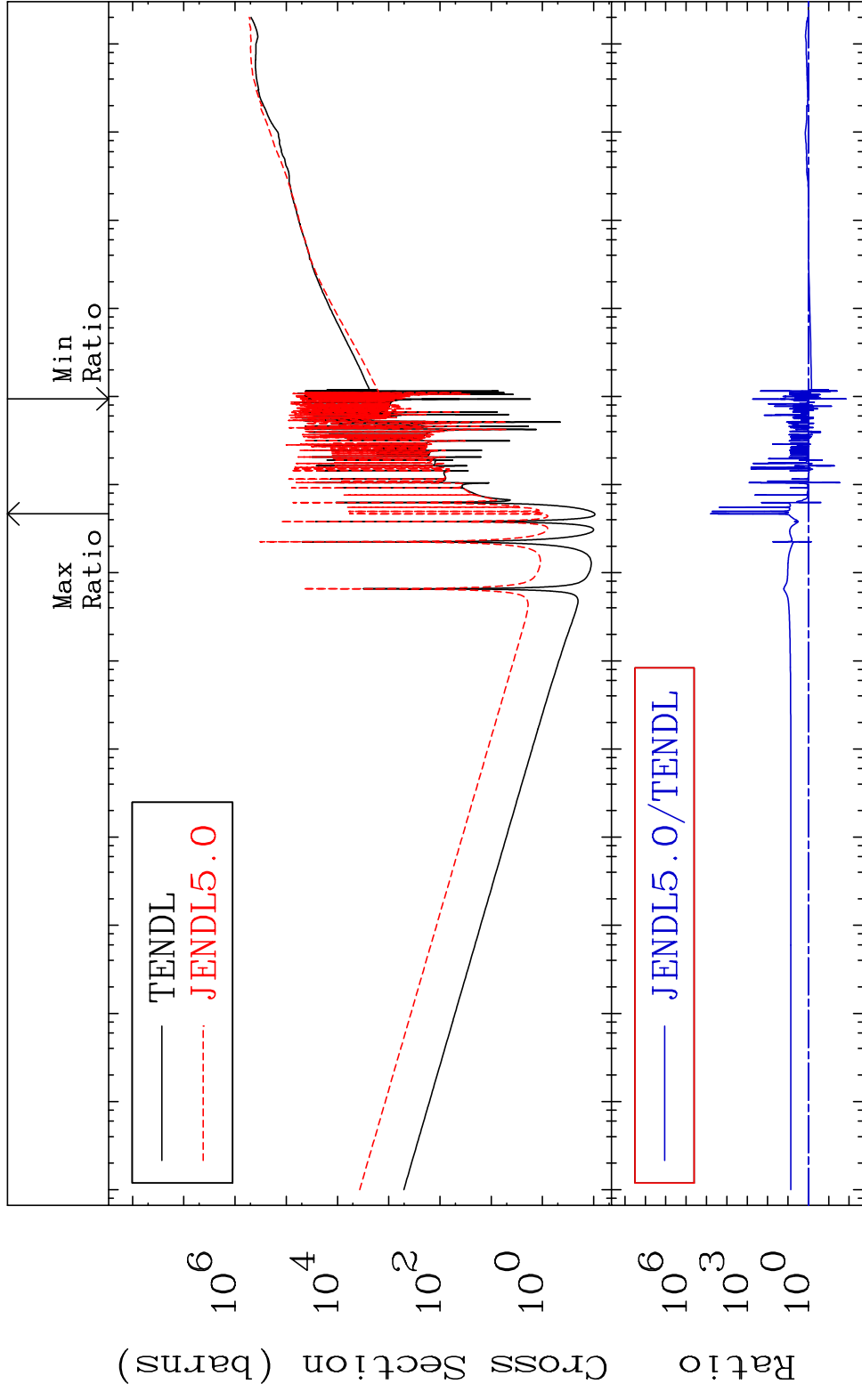


47 Incident Energy (eV) 44-Ru-104

MAT 4449 Total kinematic kerma (high limit) 44-Ru-104
 Cross Section -98.63 To 9999. %



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



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

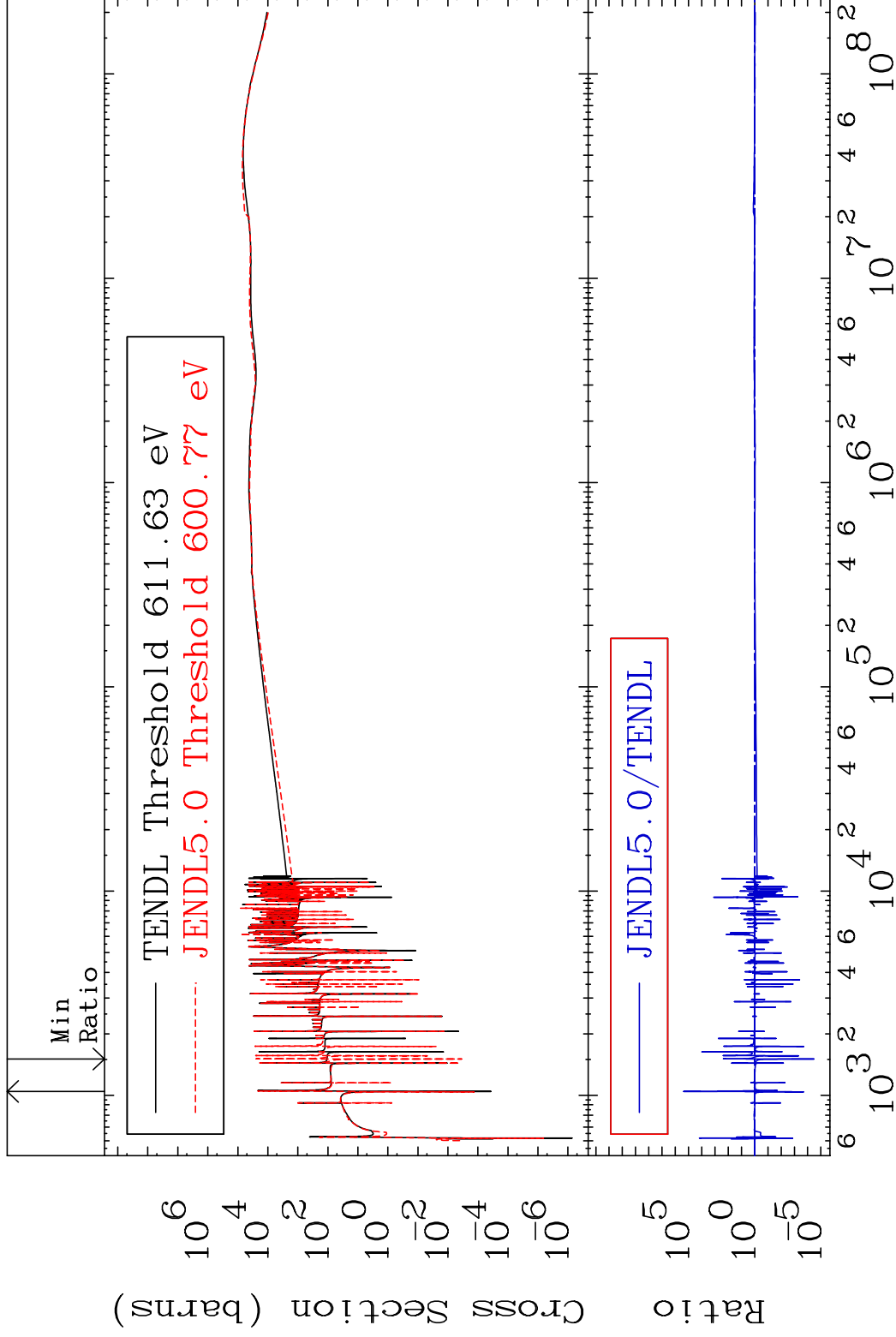
49 Incident Energy (eV) 44-Ru-104

MAT 4449

Dpa elastic (mt2)

44-Ru-104

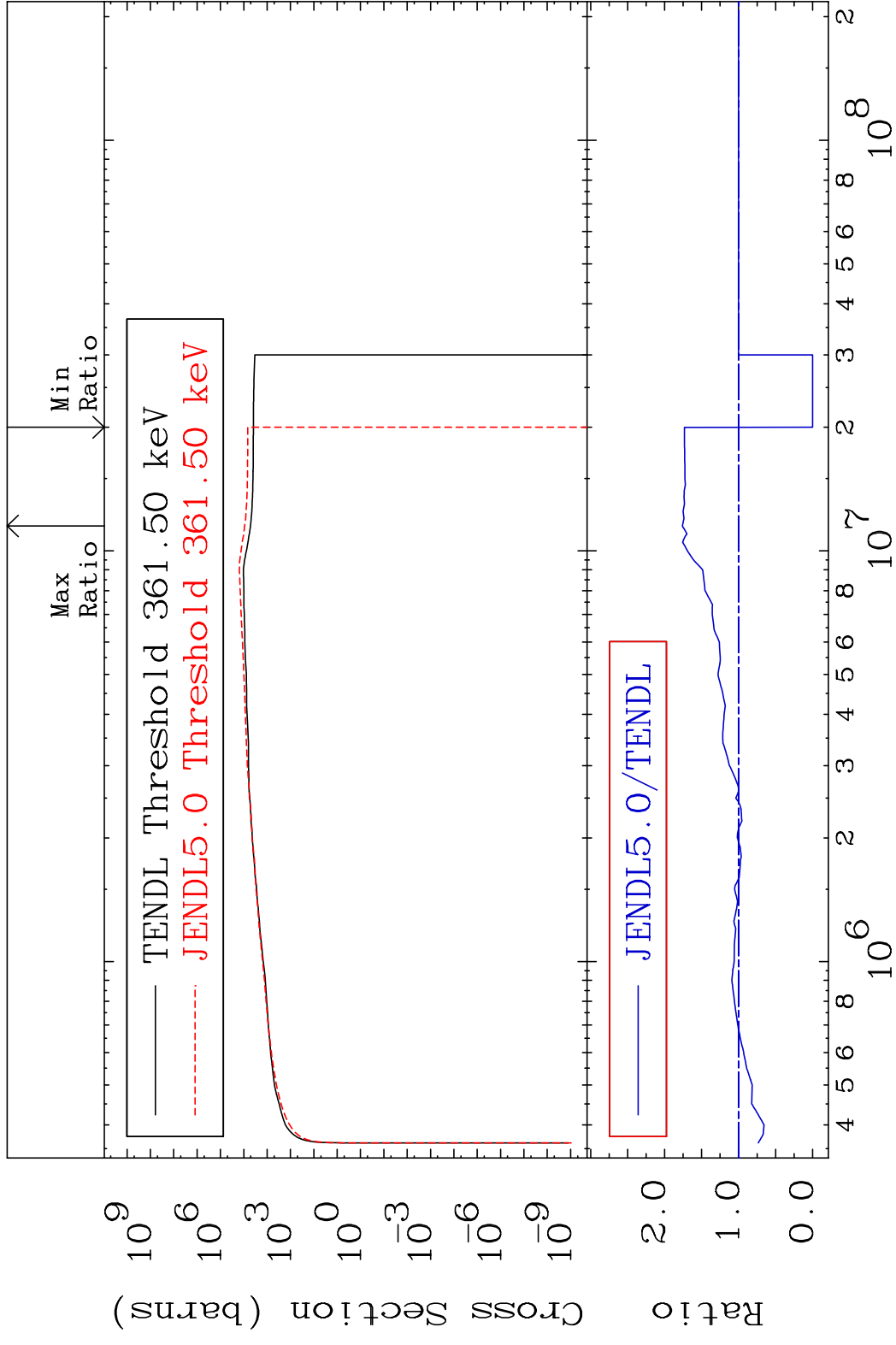
Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

44-Ru-104



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

