

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

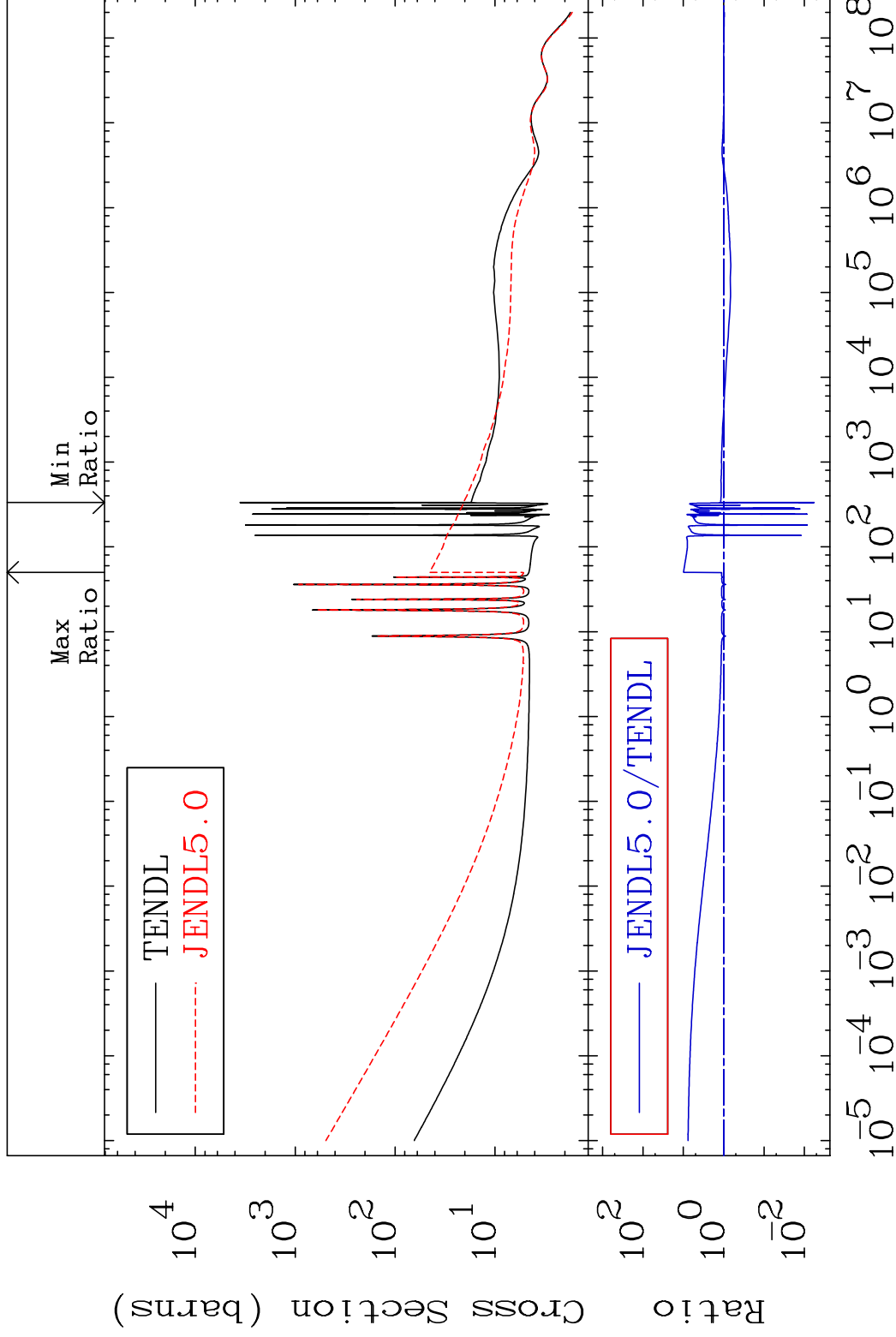
MAT 4446

Total

44-Ru-103

Cross Section

-99.43 To 881.3 %



1

Incident Energy (eV)

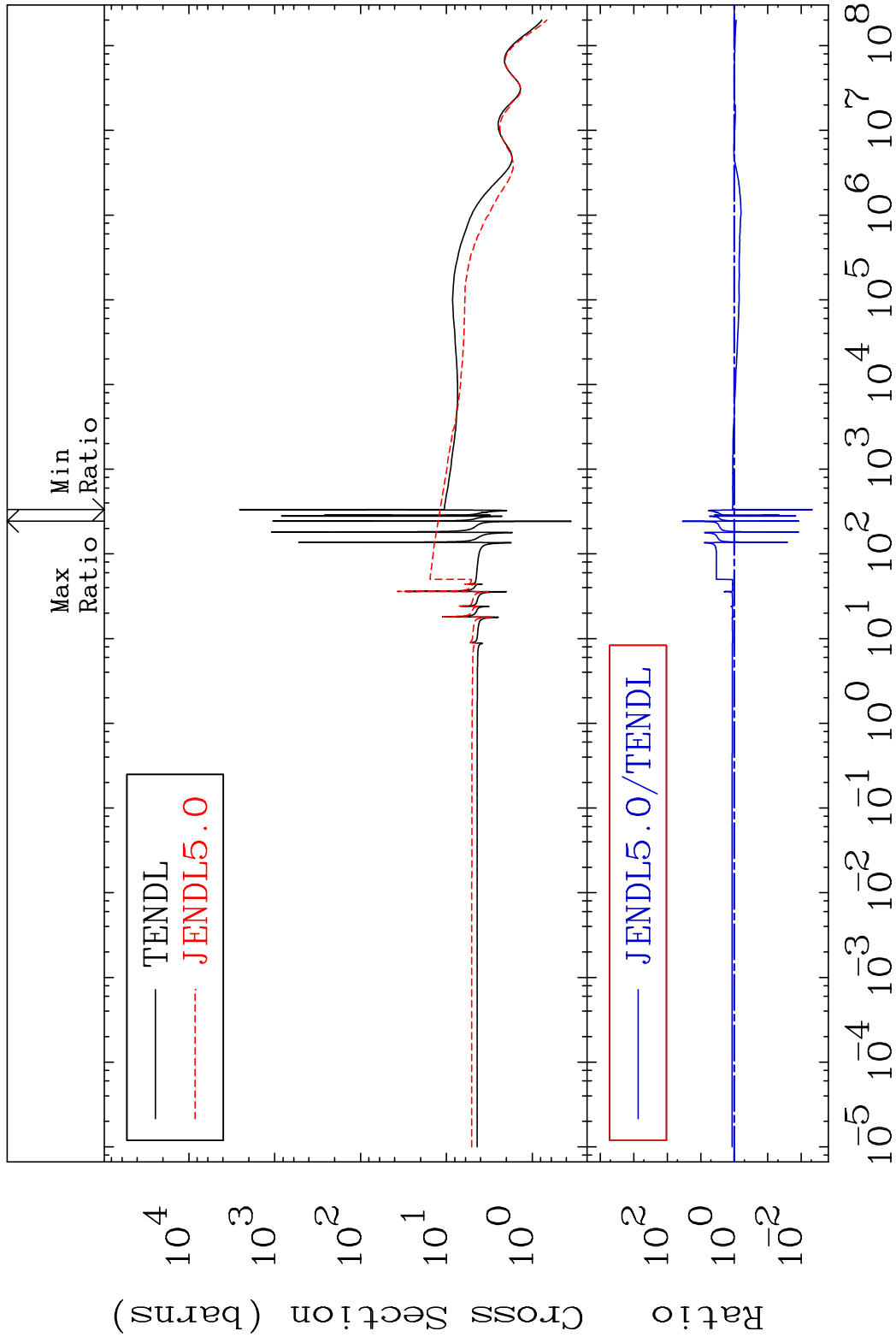
44-Ru-103

MAT 4446

Elastic

44-Ru-103

Cross Section -99.54 To 3450. %

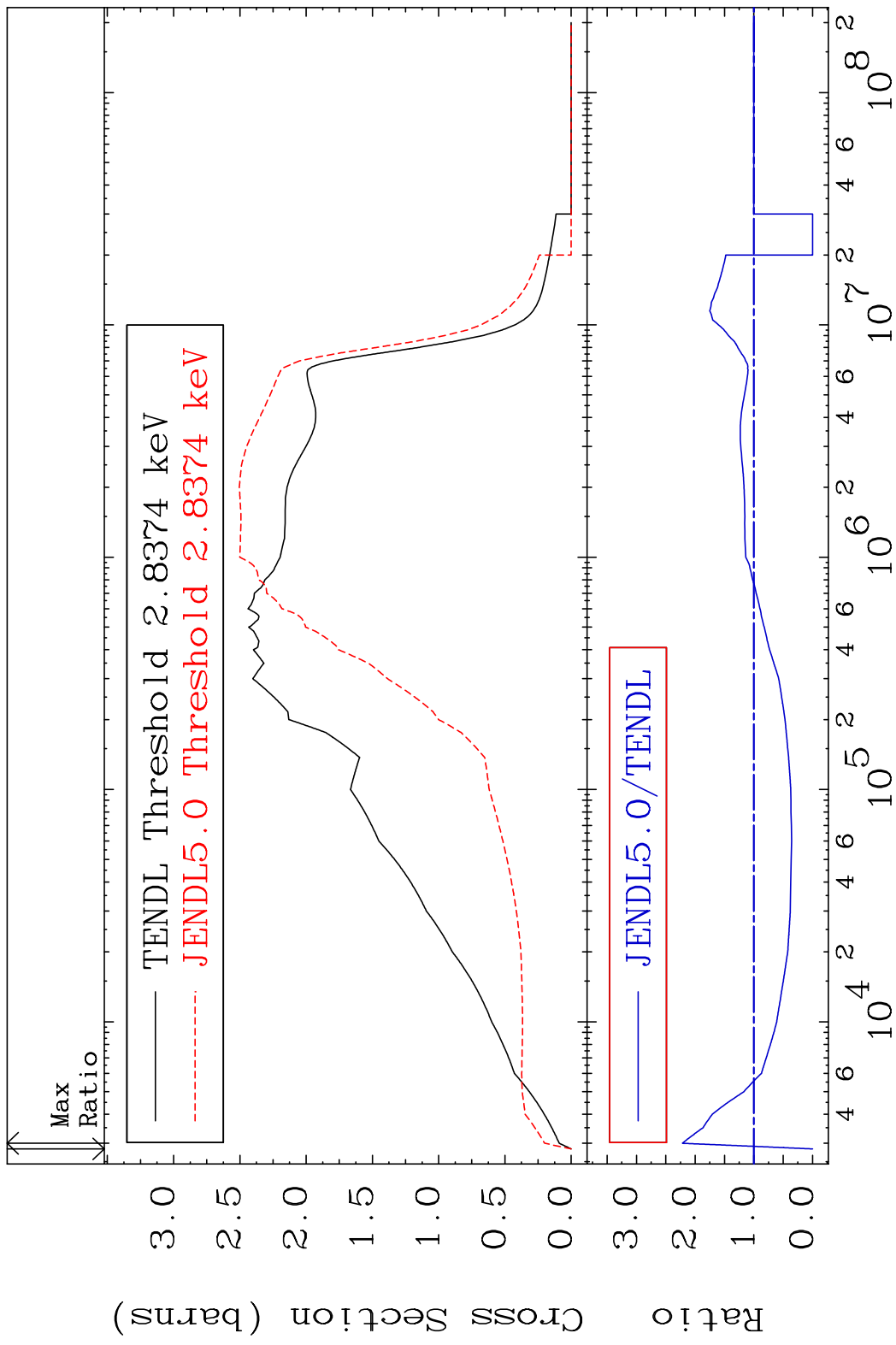


2

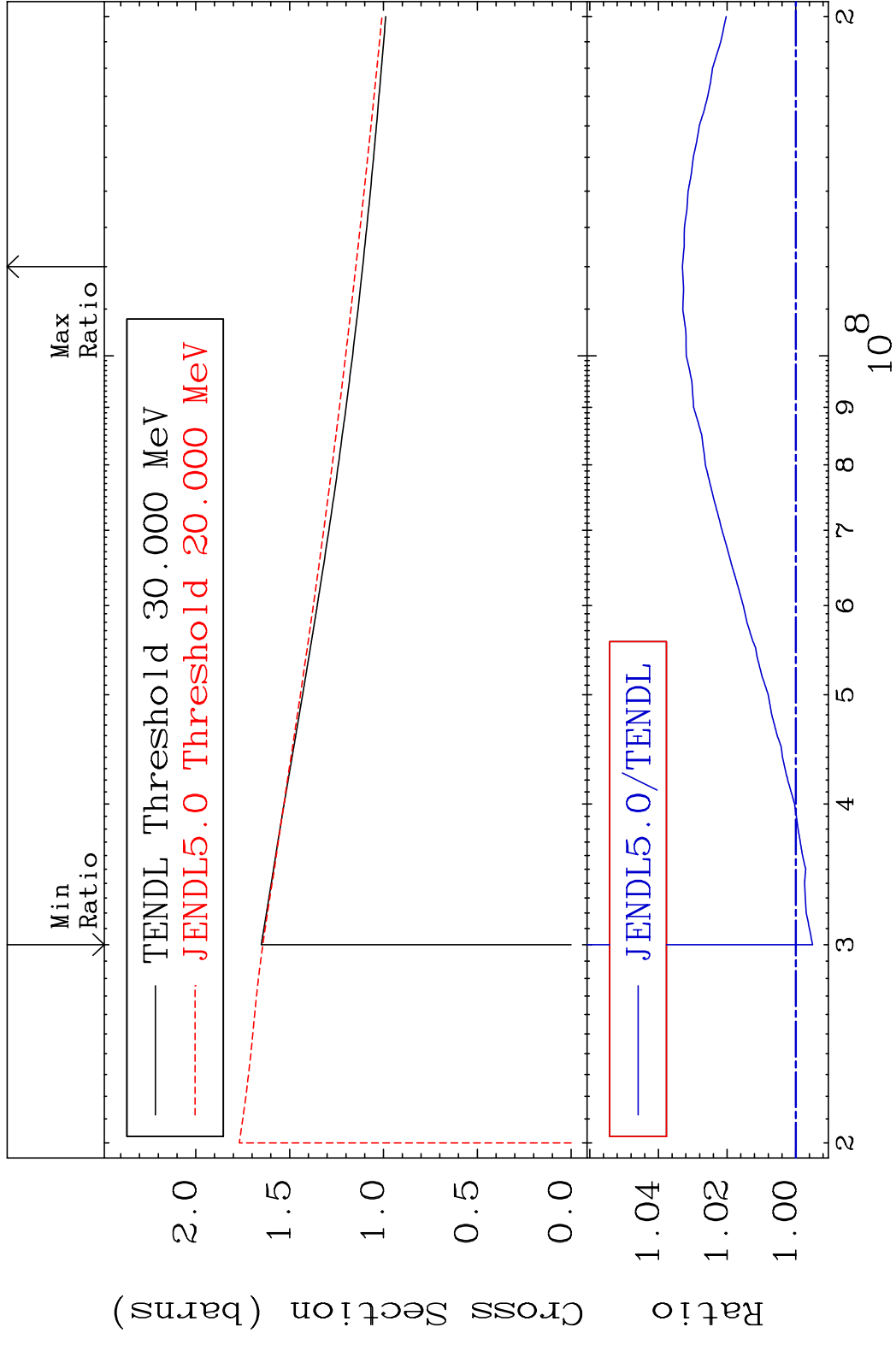
Incident Energy (eV)

44-Ru-103

MAT 4446 Inelastic 44-Ru-103
 Cross Section -100.0 To 121.9 %



MAT 4446 (n, remainder) 44-Ru-103
 Cross Section -0.490 To 3.303 %



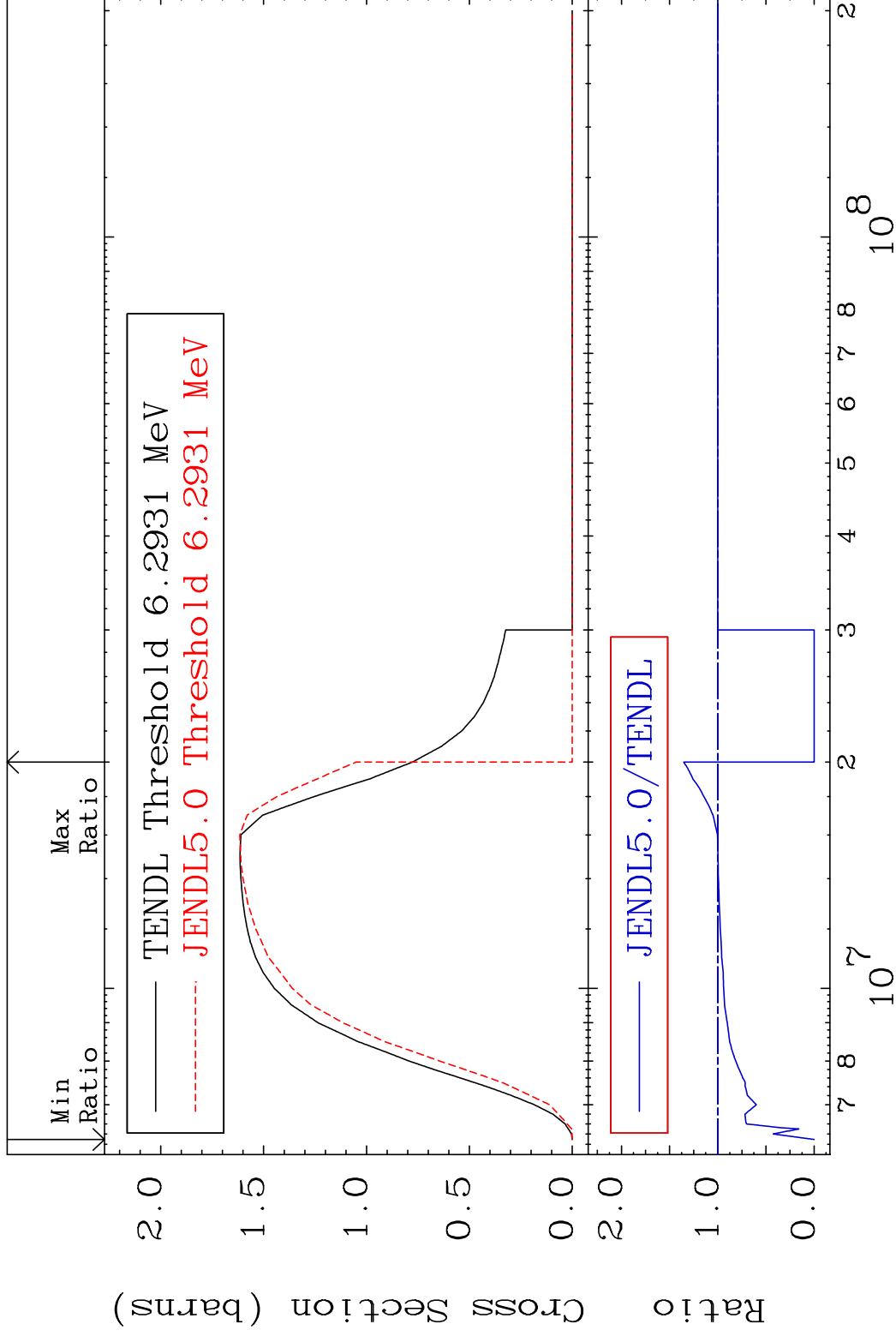
4 44-Ru-103

MAT 4446

(n,2n)

44-Ru-103

Cross Section -100.0 To 35.42 %

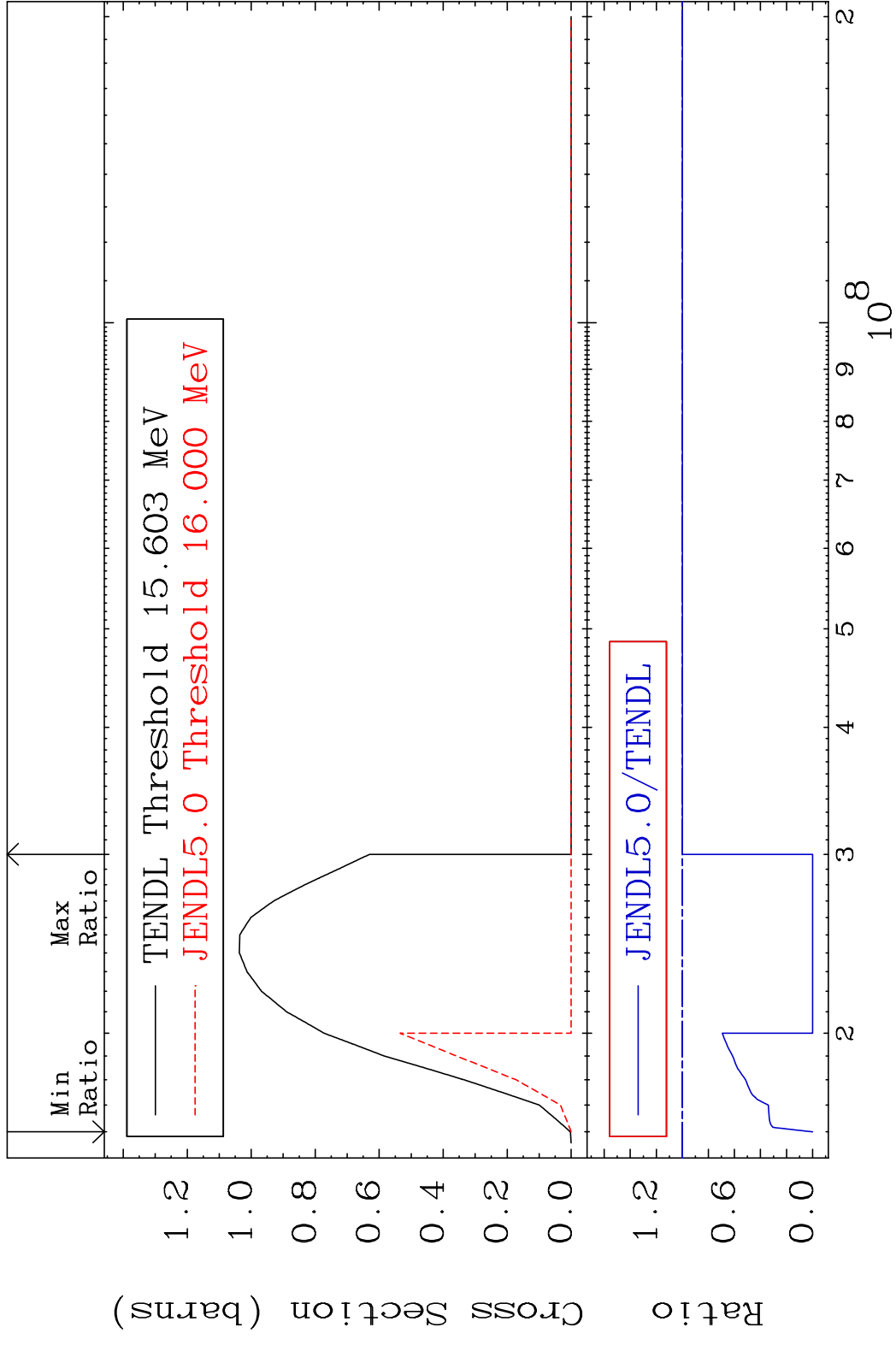


5

Incident Energy (eV)

44-Ru-103

MAT 4446 (n,3n) 44-Ru-103
 Cross Section -100.0 To 0.000 %

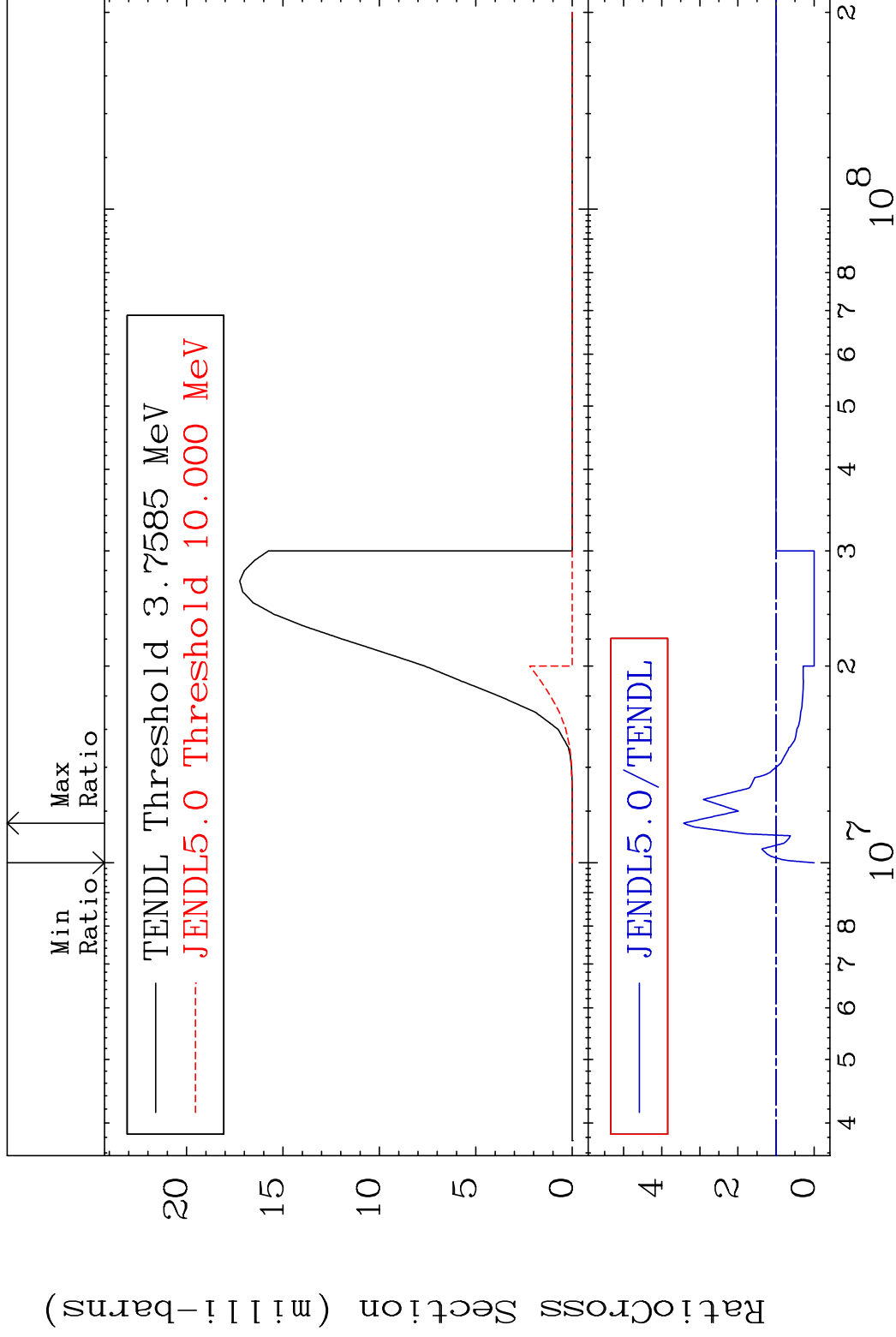


MAT 4446

(n, n') α

44-Ru-103

Cross Section -100.0 To 242.4 %



7

Incident Energy (eV)

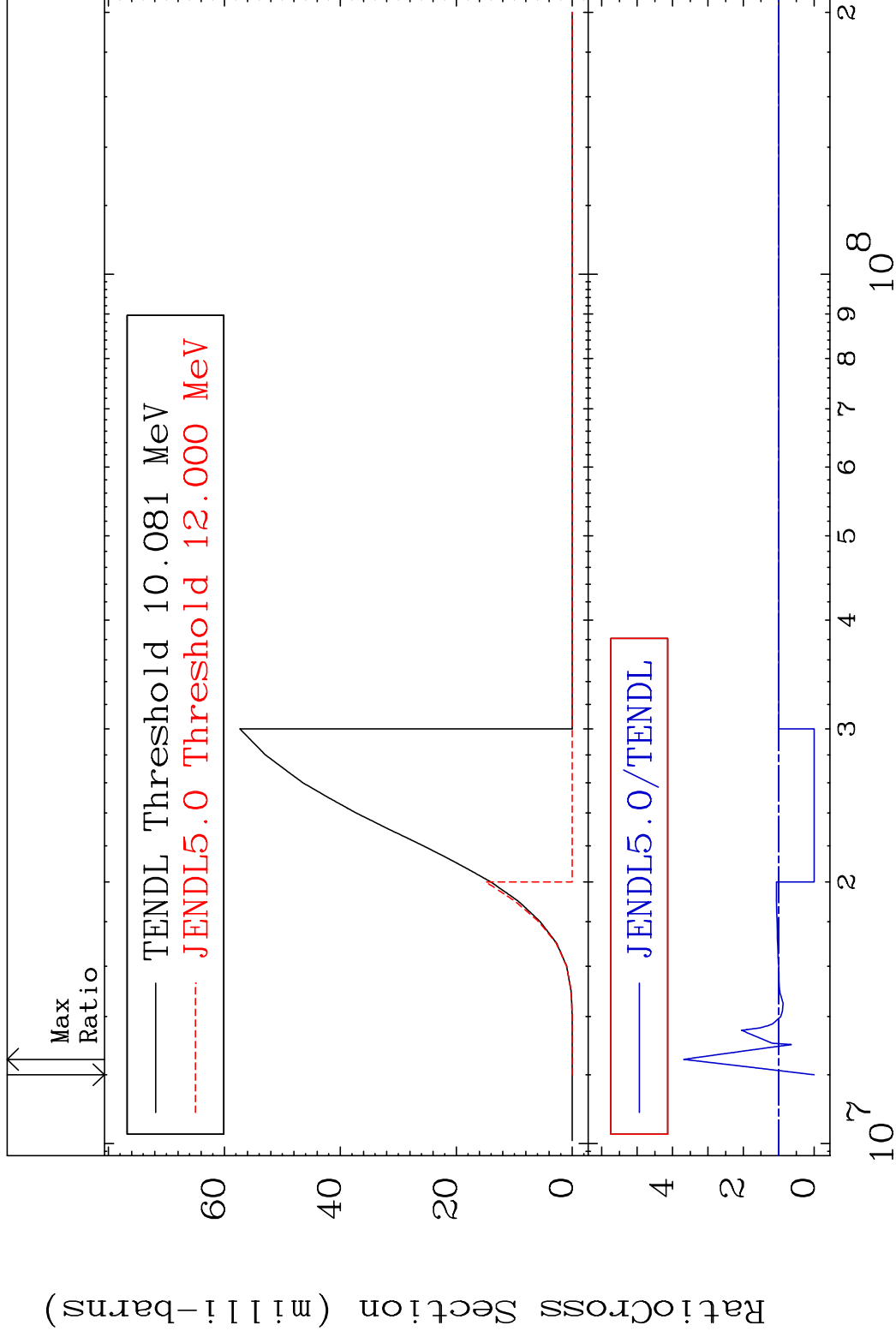
44-Ru-103

MAT 4446

(n, n') p

44-Ru-103

Cross Section -100.0 To 268.6 %

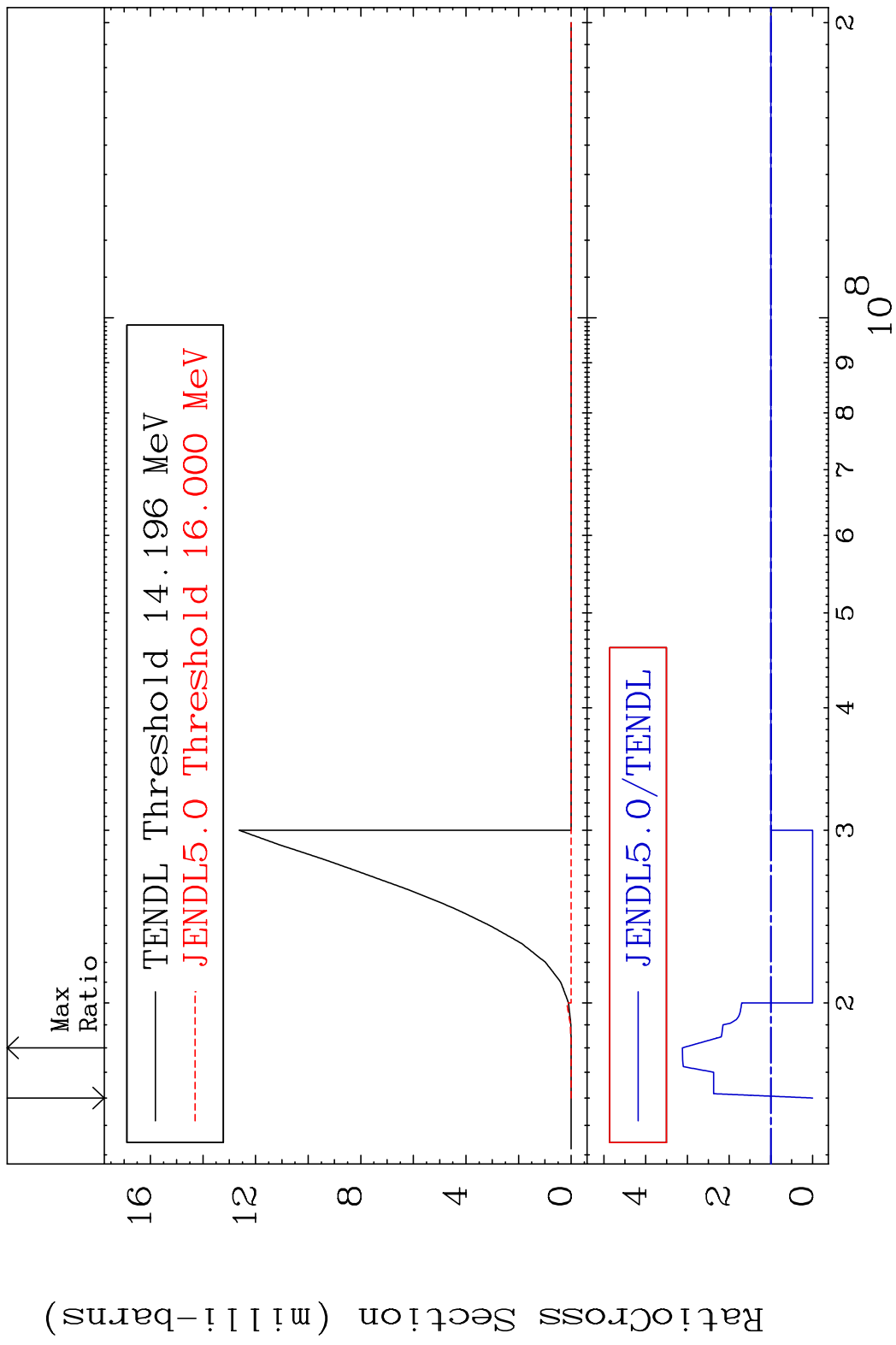


8

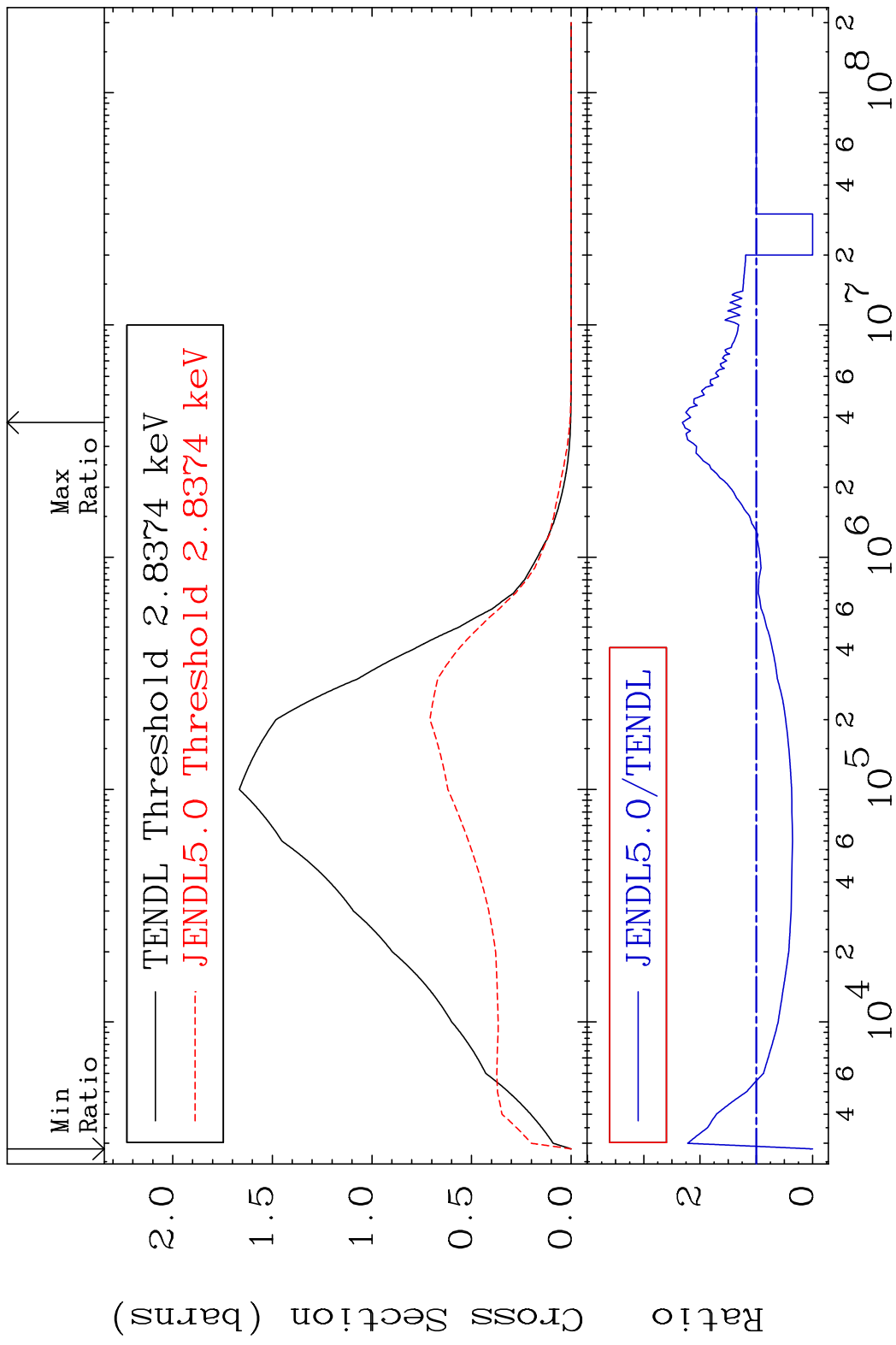
Incident Energy (eV)

44-Ru-103

MAT 4446 (n, n') d 44-Ru-103
 Cross Section -100.0 To 212.2 %

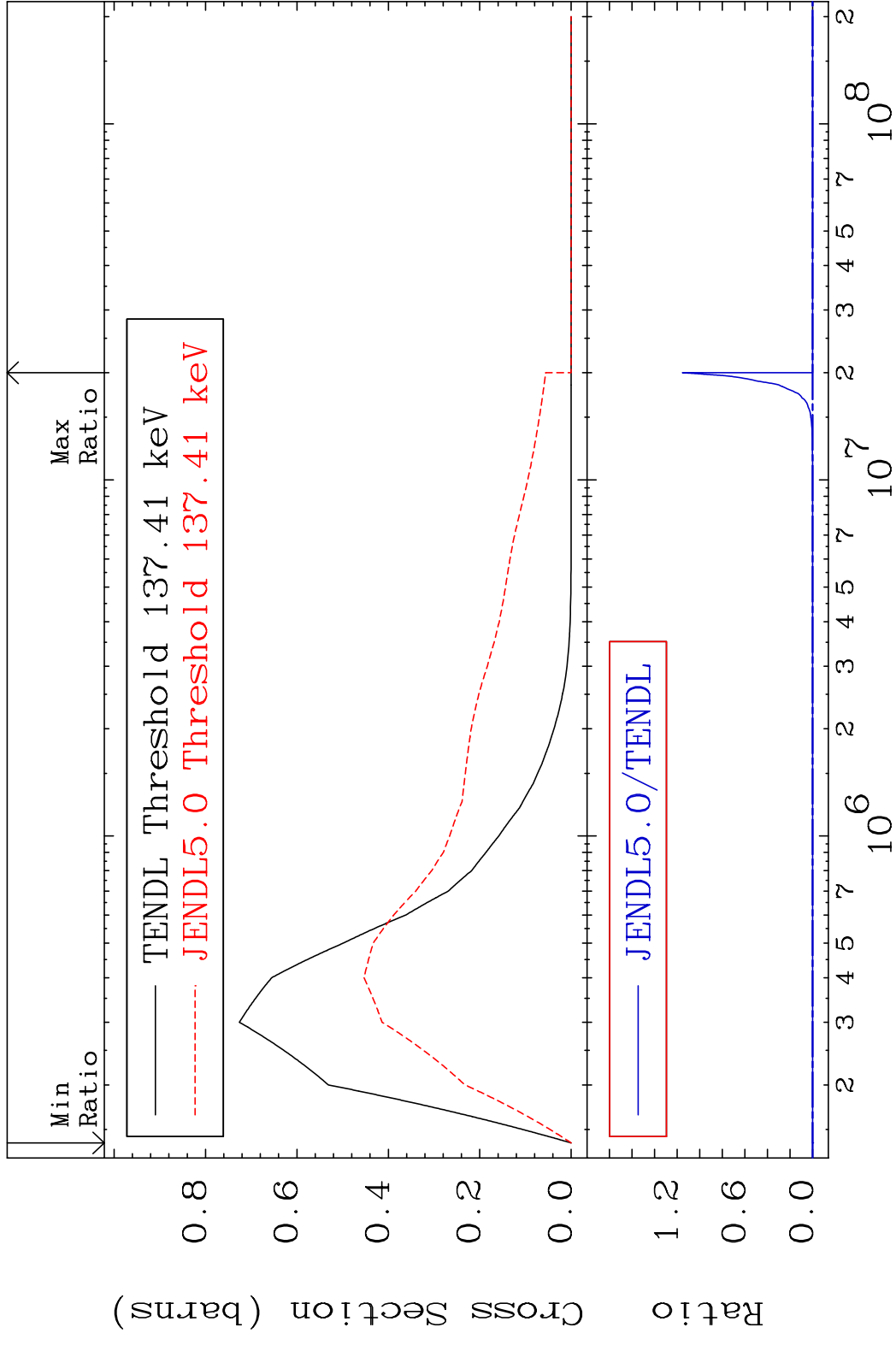


MAT 4446 MT= 51 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 131.4 %

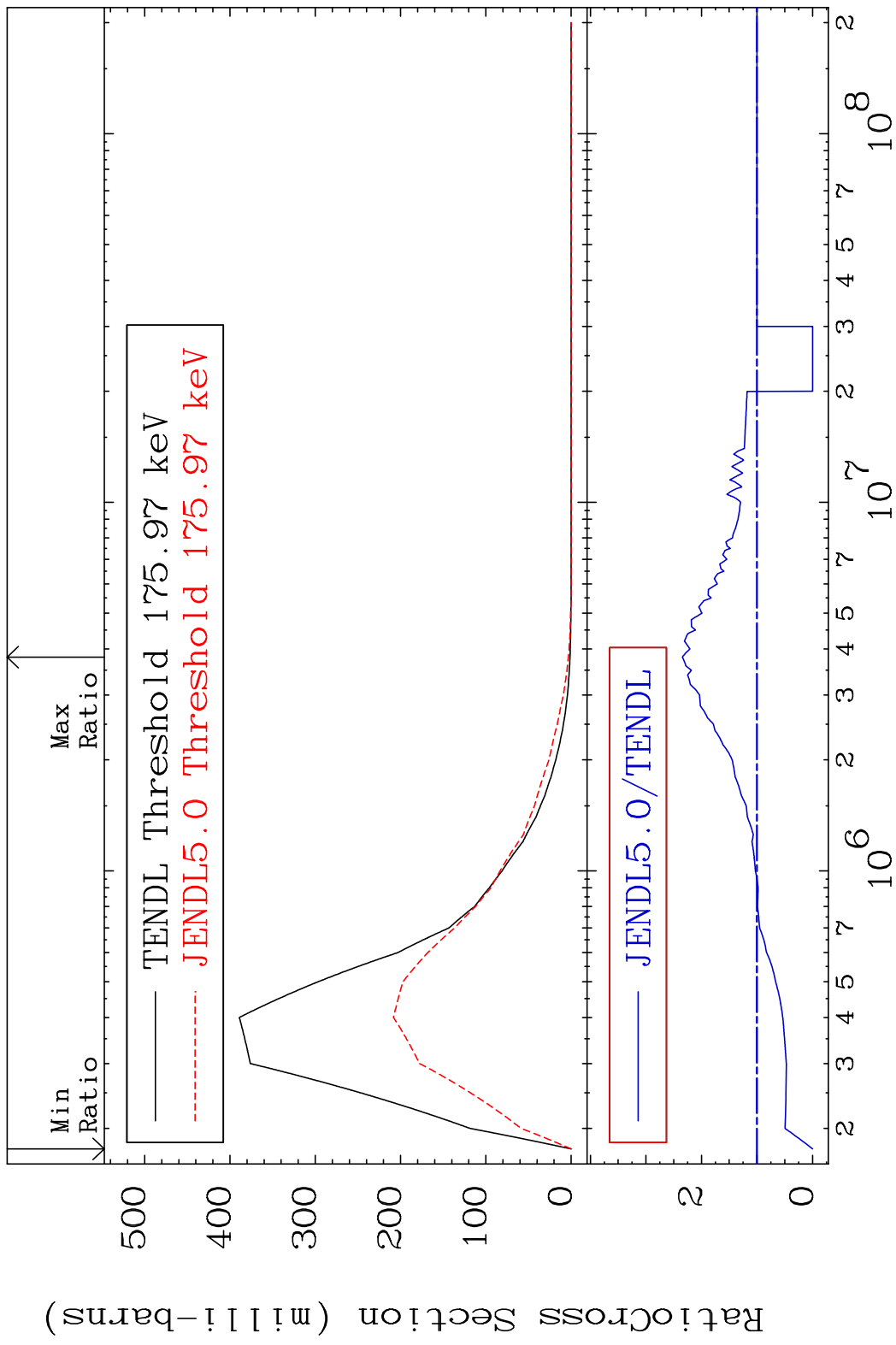


10 Incident Energy (eV) 44-Ru-103

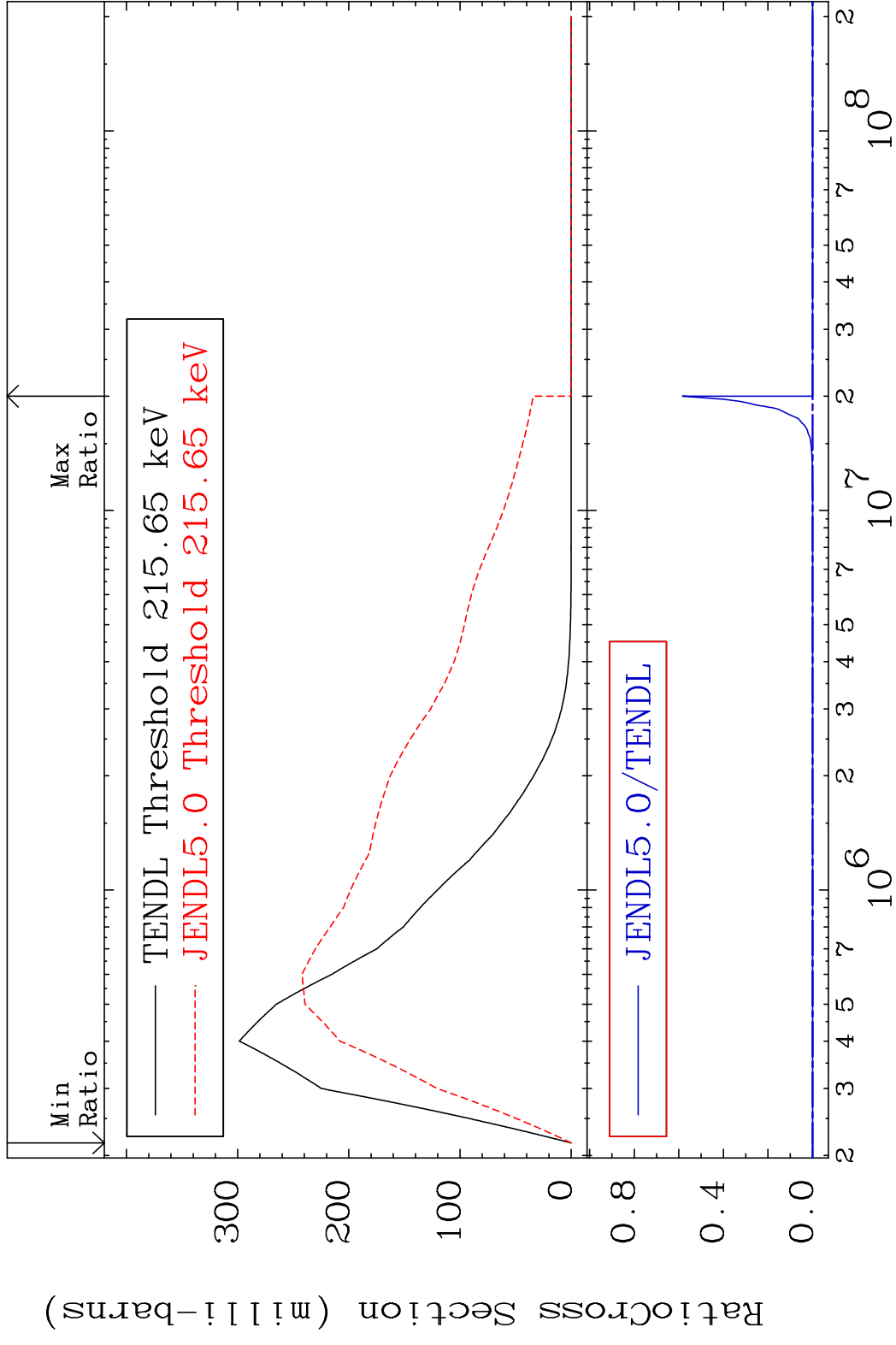
MAT 4446 MT= 52 (n,n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



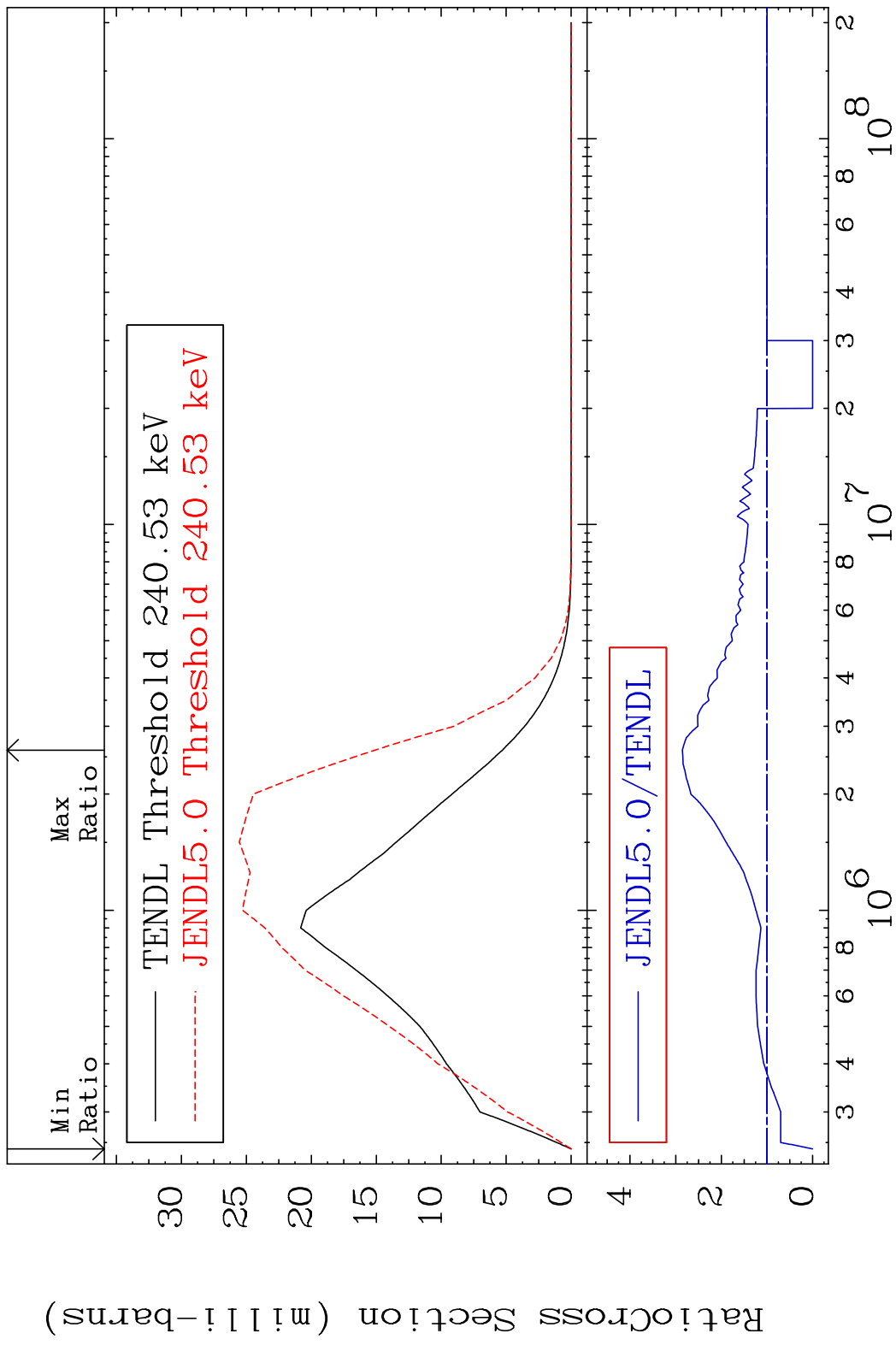
MAT 4446 MT= 53 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 134.4 %



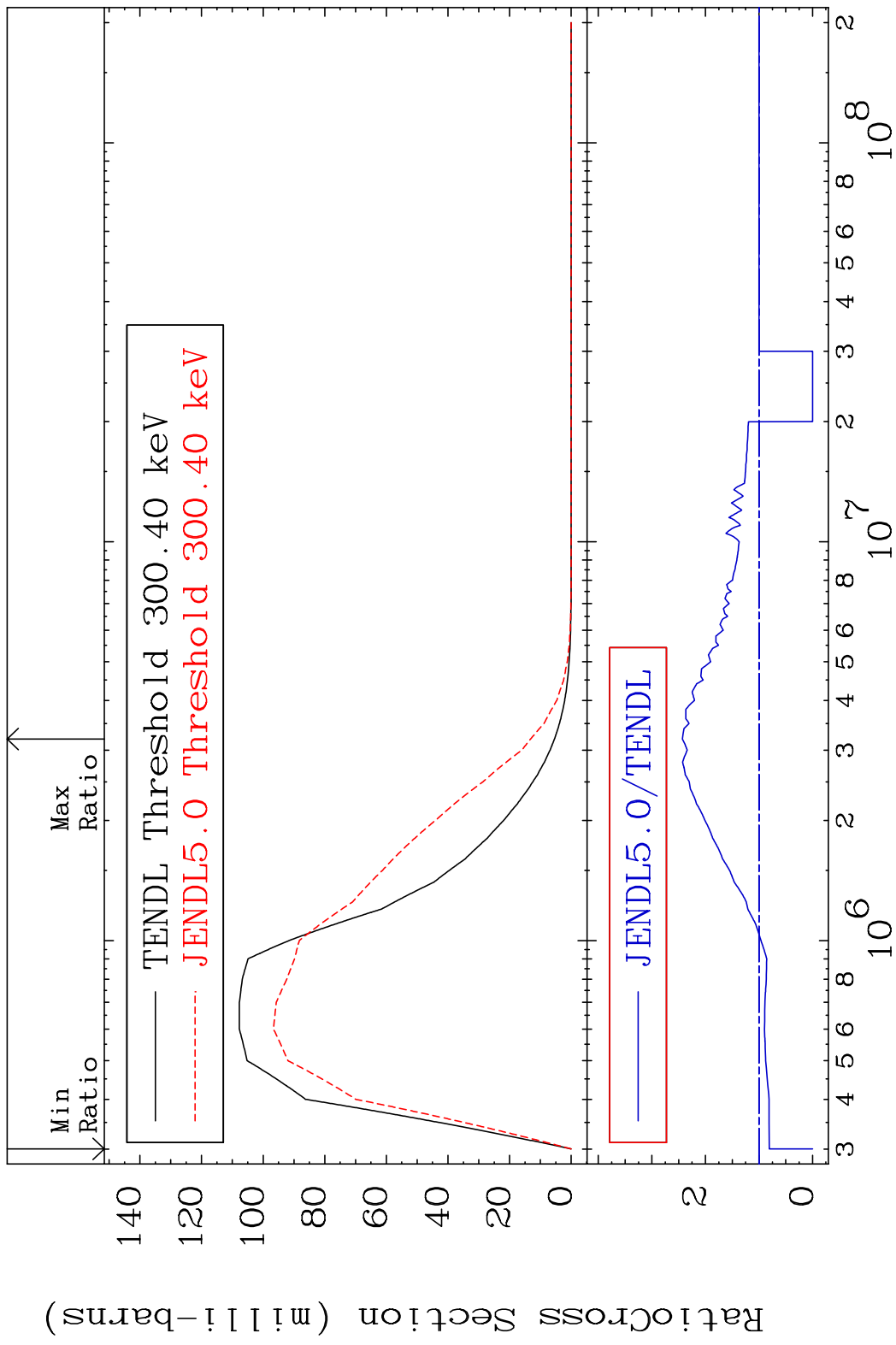
MAT 4446 MT= 54 (n,n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



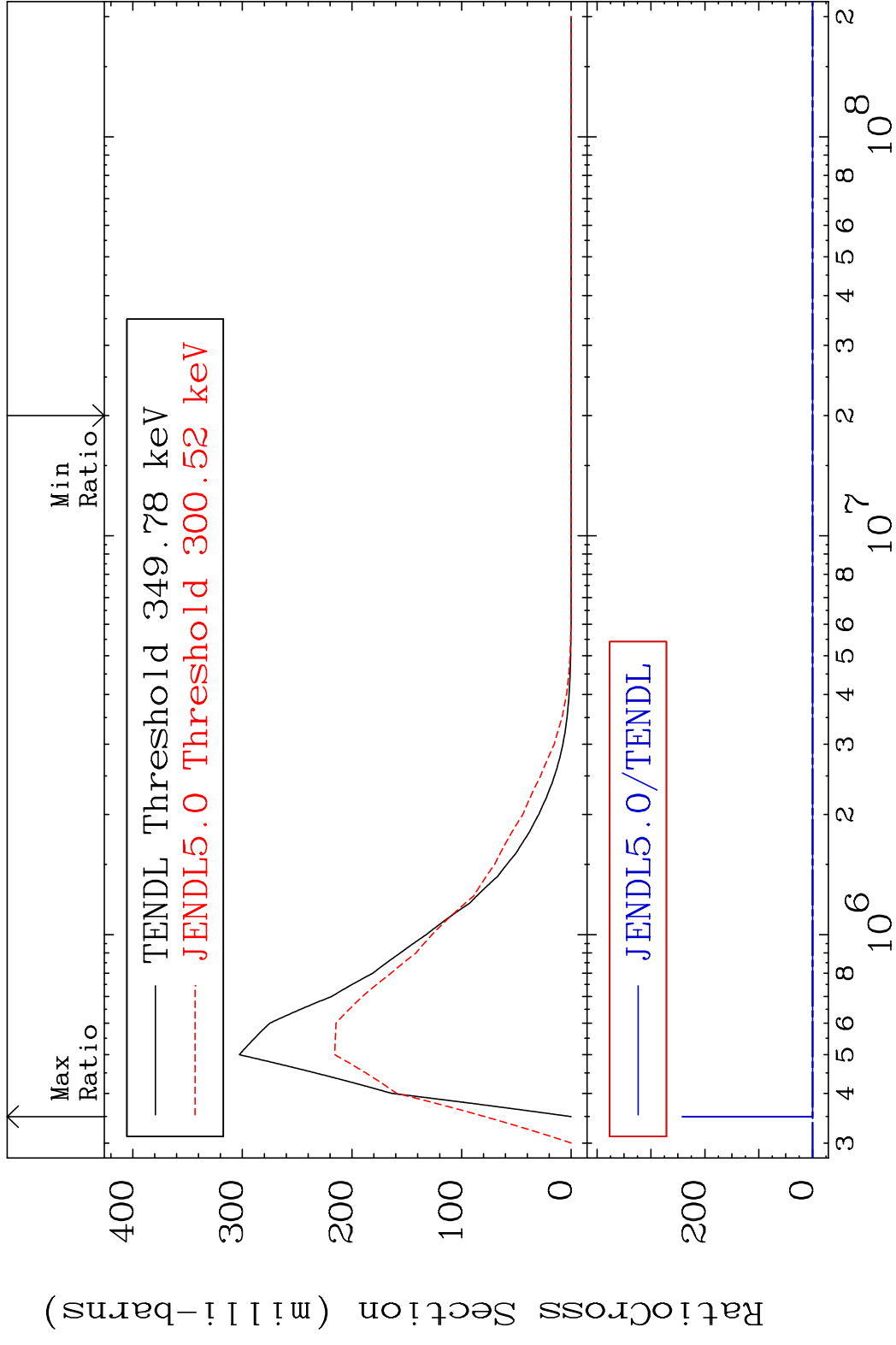
MAT 4446 MT= 55 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 185.3 %



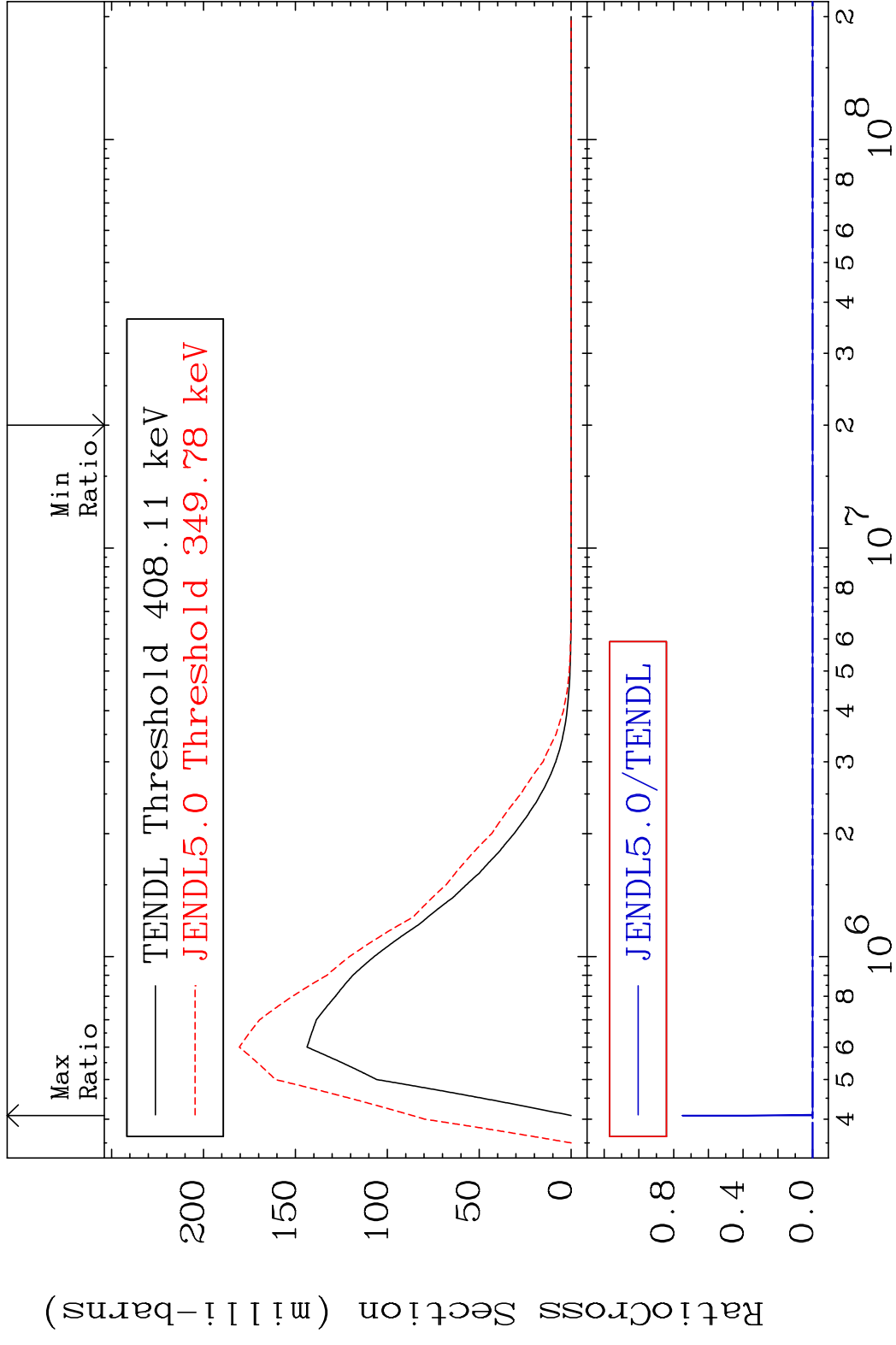
MAT 4446 MT= 56 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 143.1 %



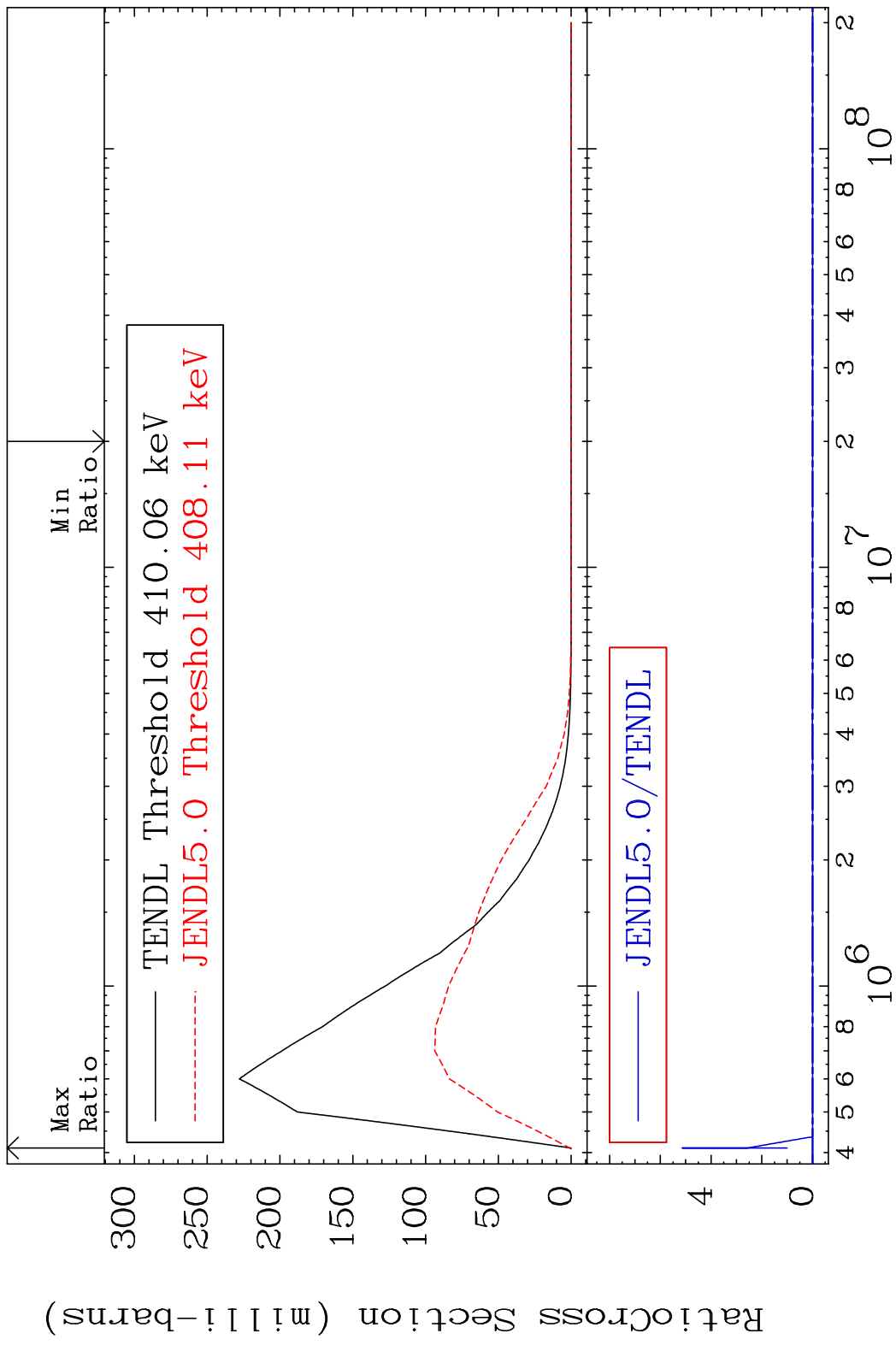
MAT 4446 MT= 57 (n,n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



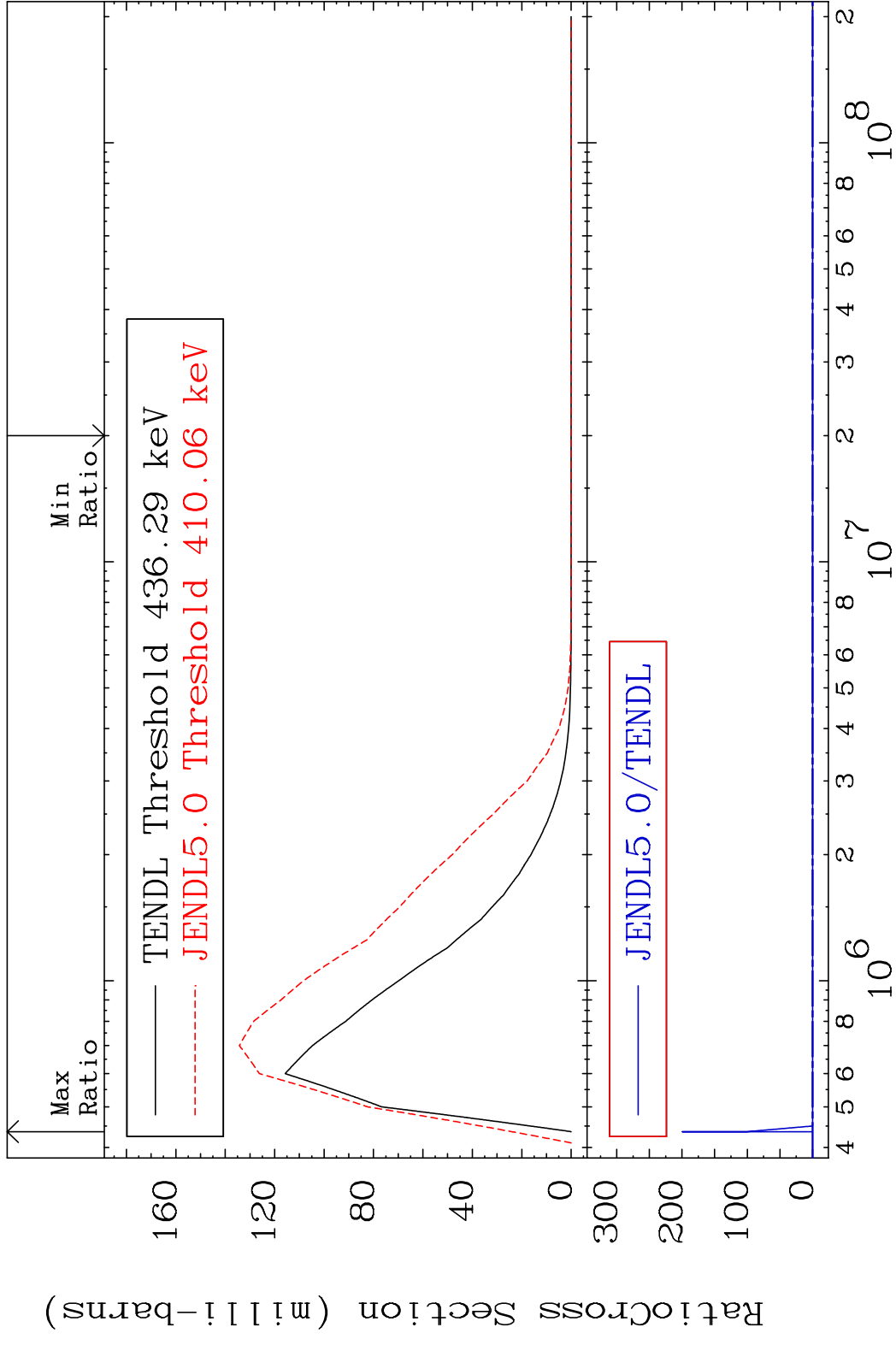
MAT 4446 MT= 58 (n,n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



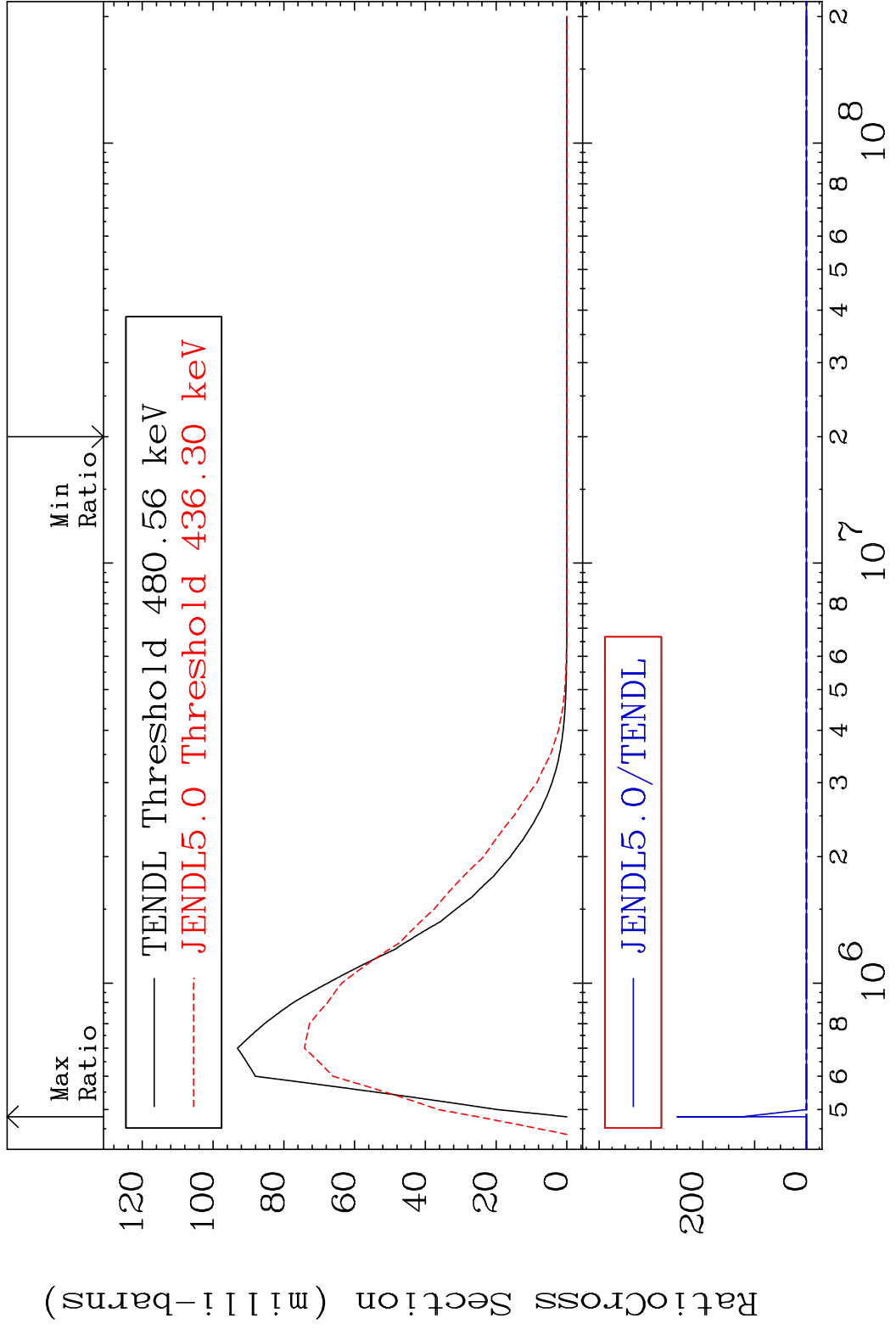
MAT 4446 MT= 59 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



MAT 4446 MT= 60 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

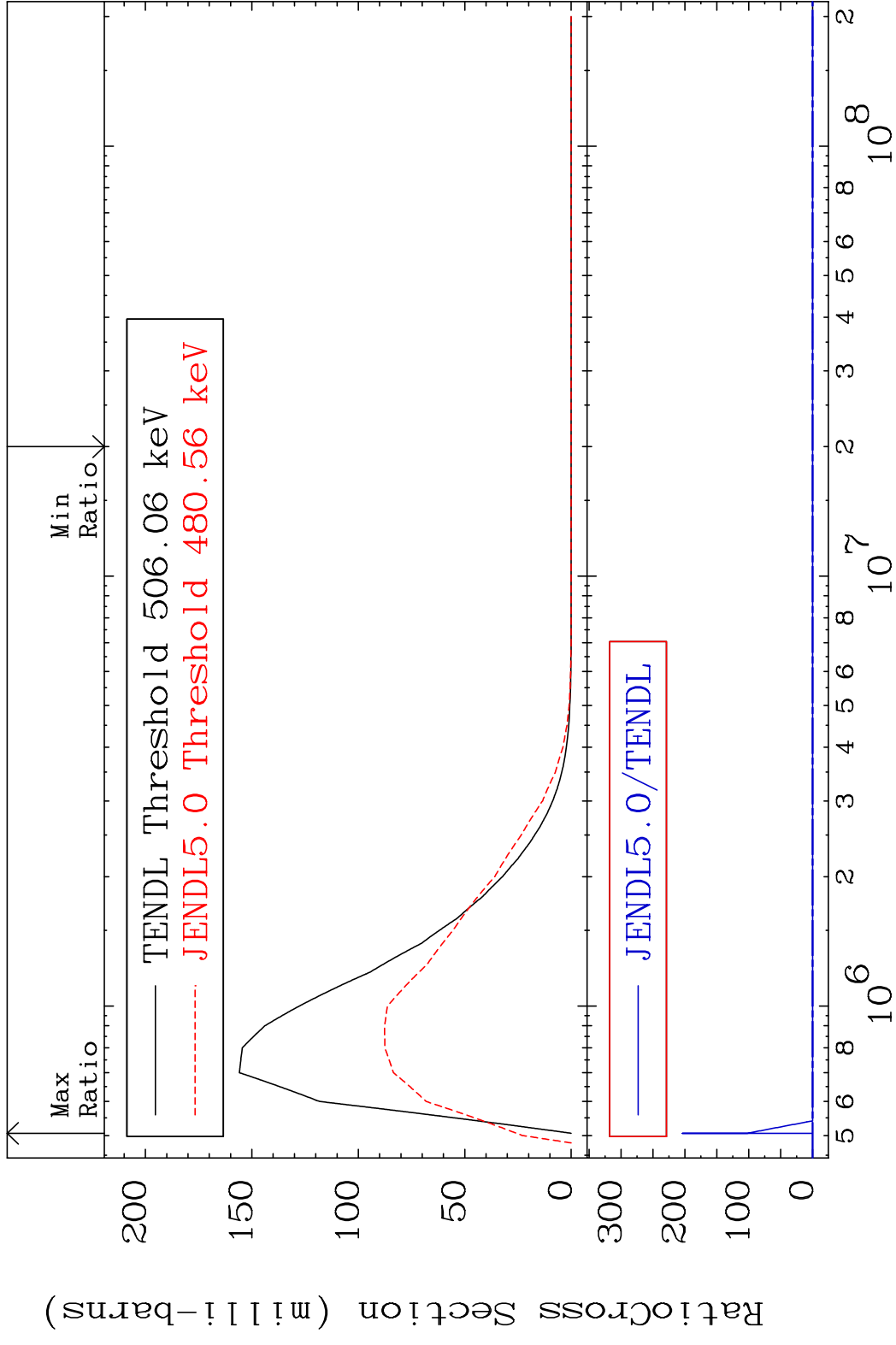


MAT 4446 MT= 61 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

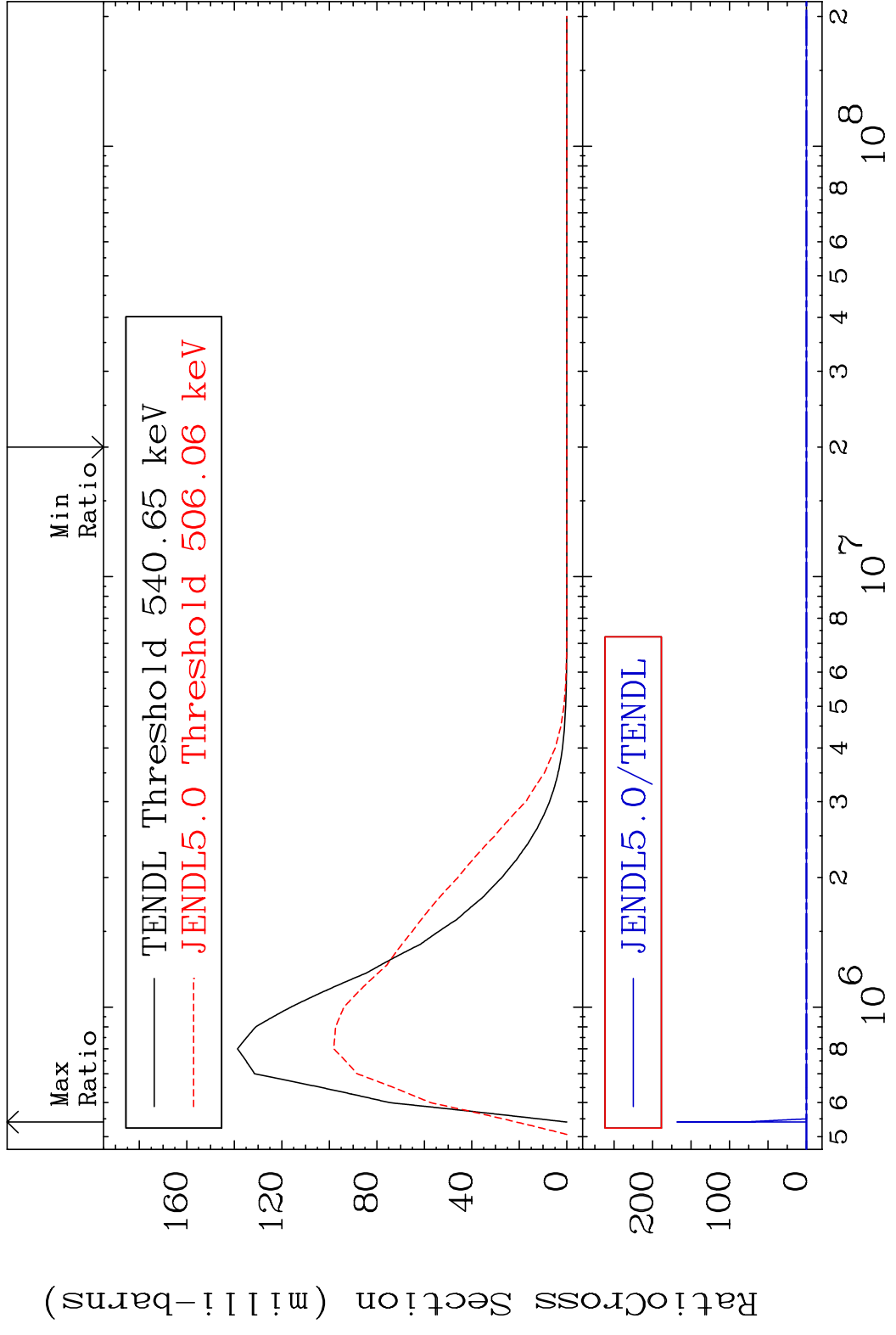


20 Incident Energy (eV) 44-Ru-103

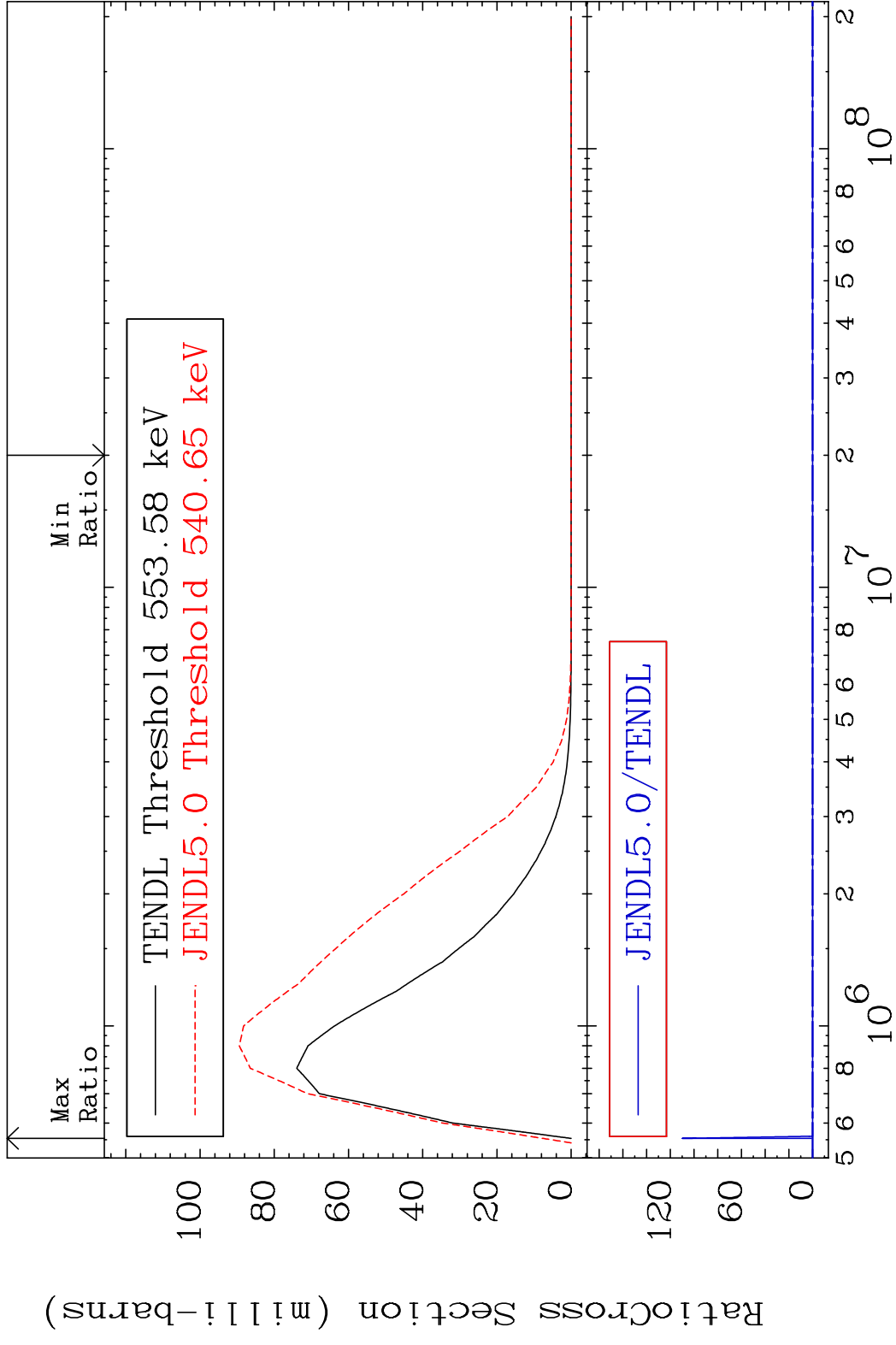
MAT 4446 MT= 62 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



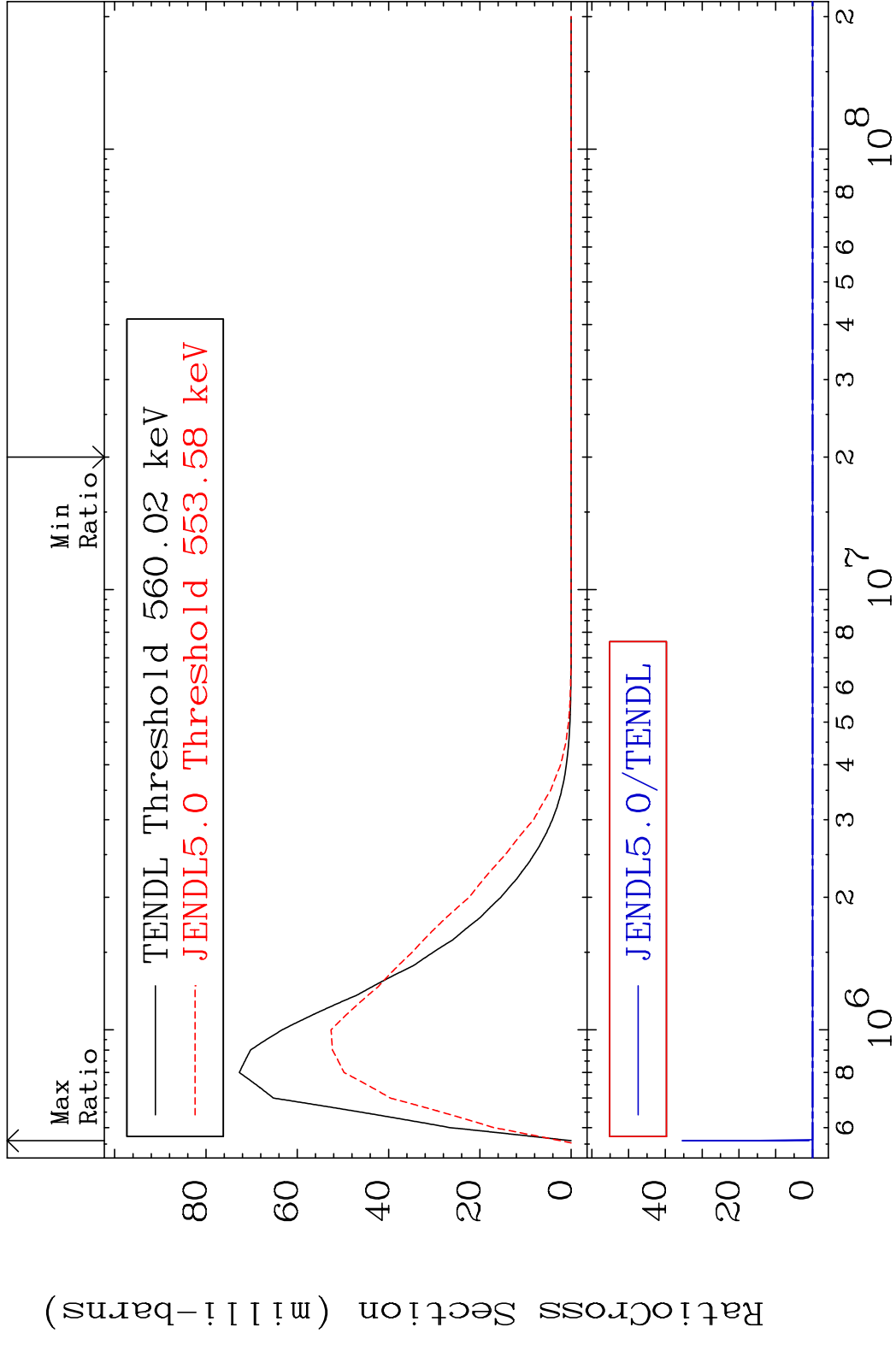
MAT 4446 MT= 63 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



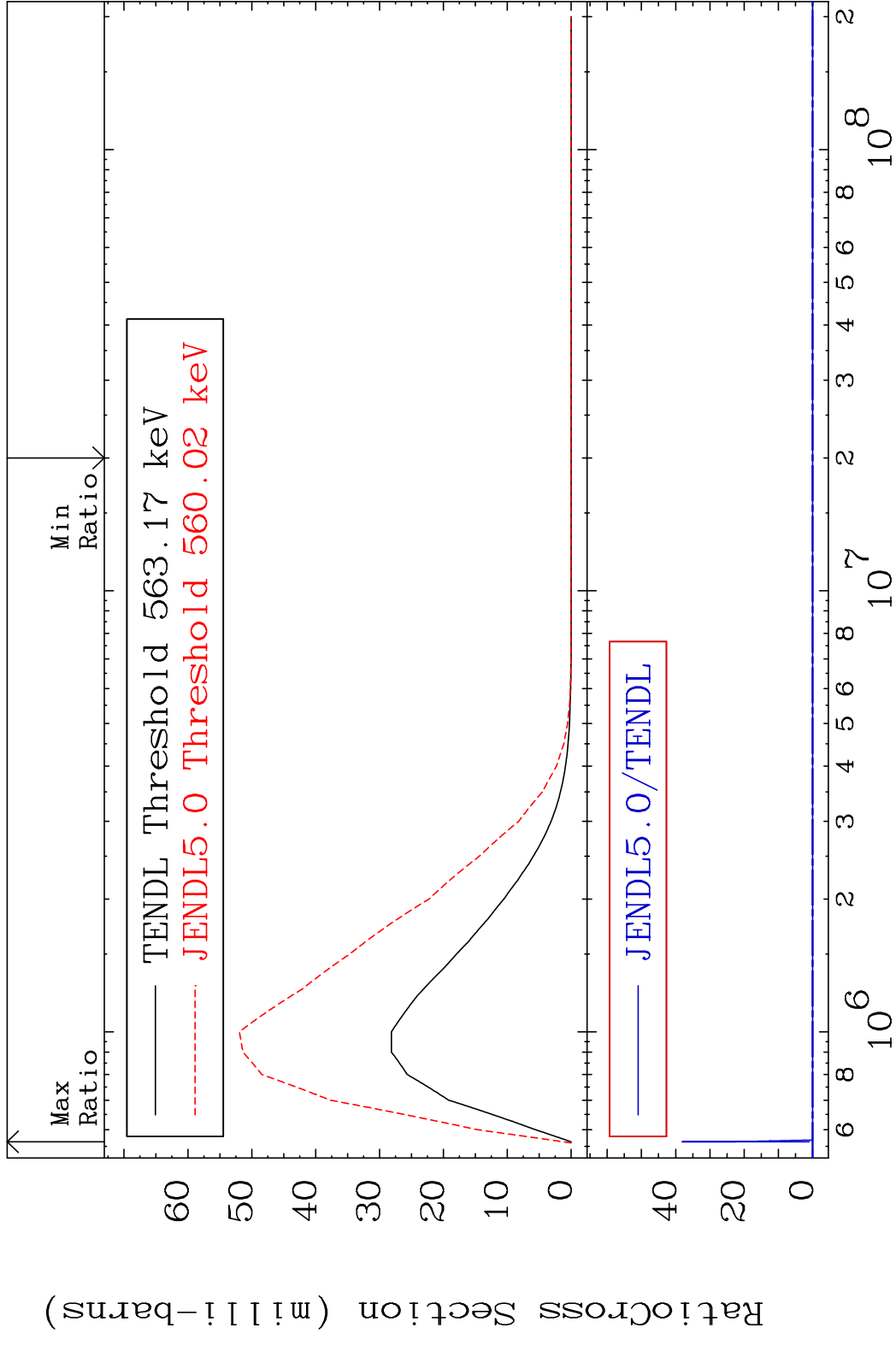
MAT 4446 MT= 64 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



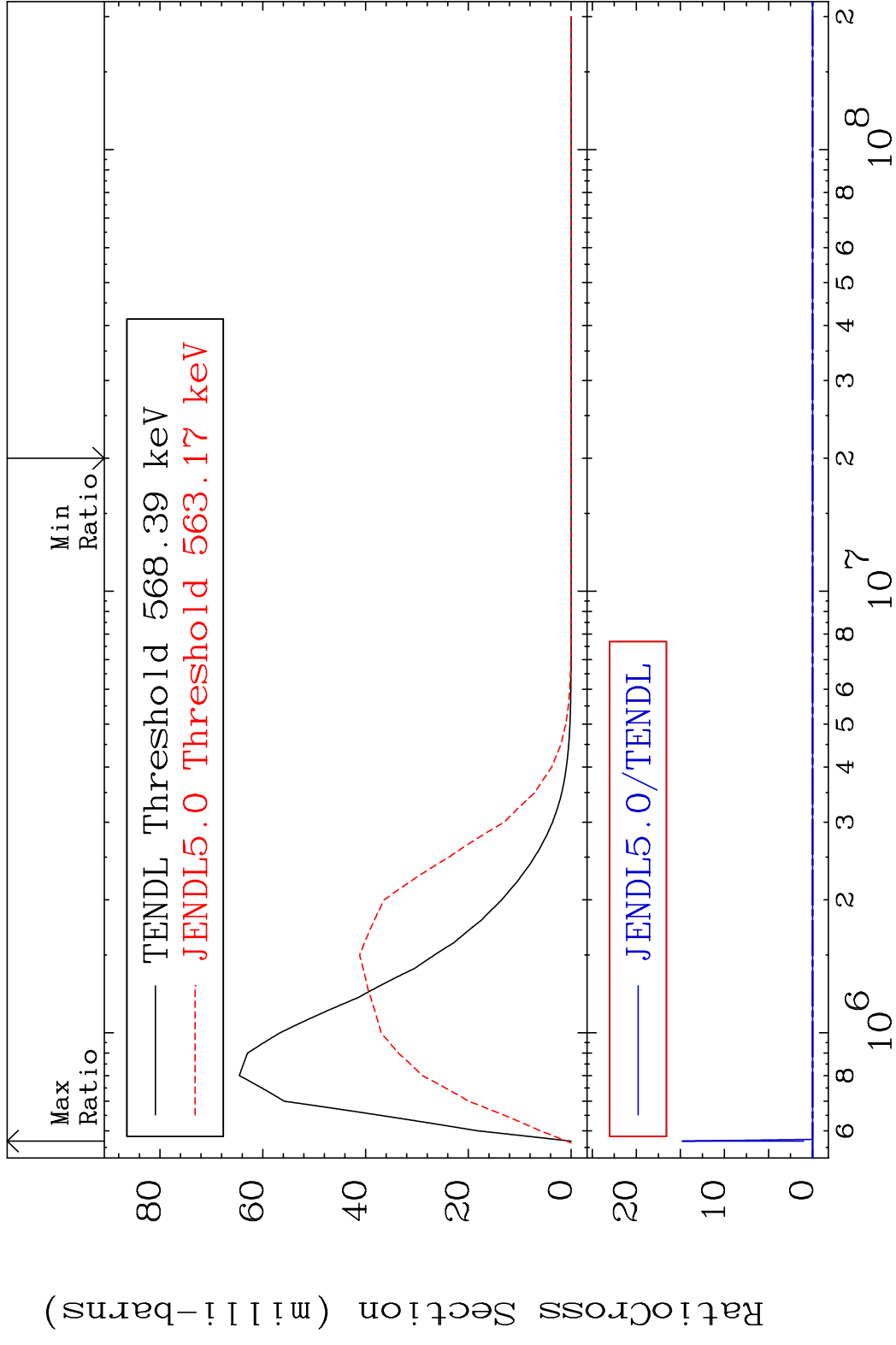
MAT 4446 MT= 65 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



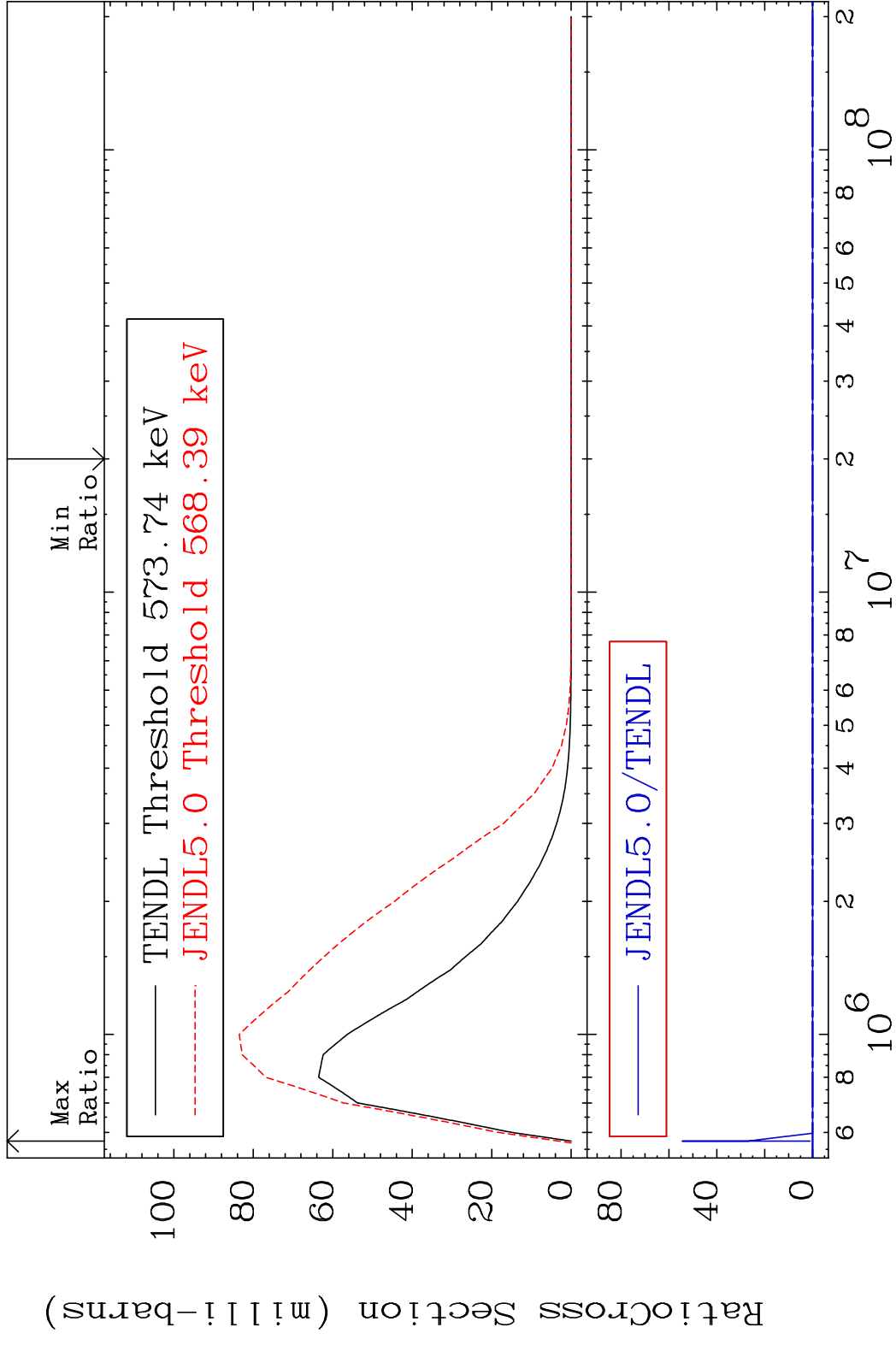
MAT 4446 MT= 66 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



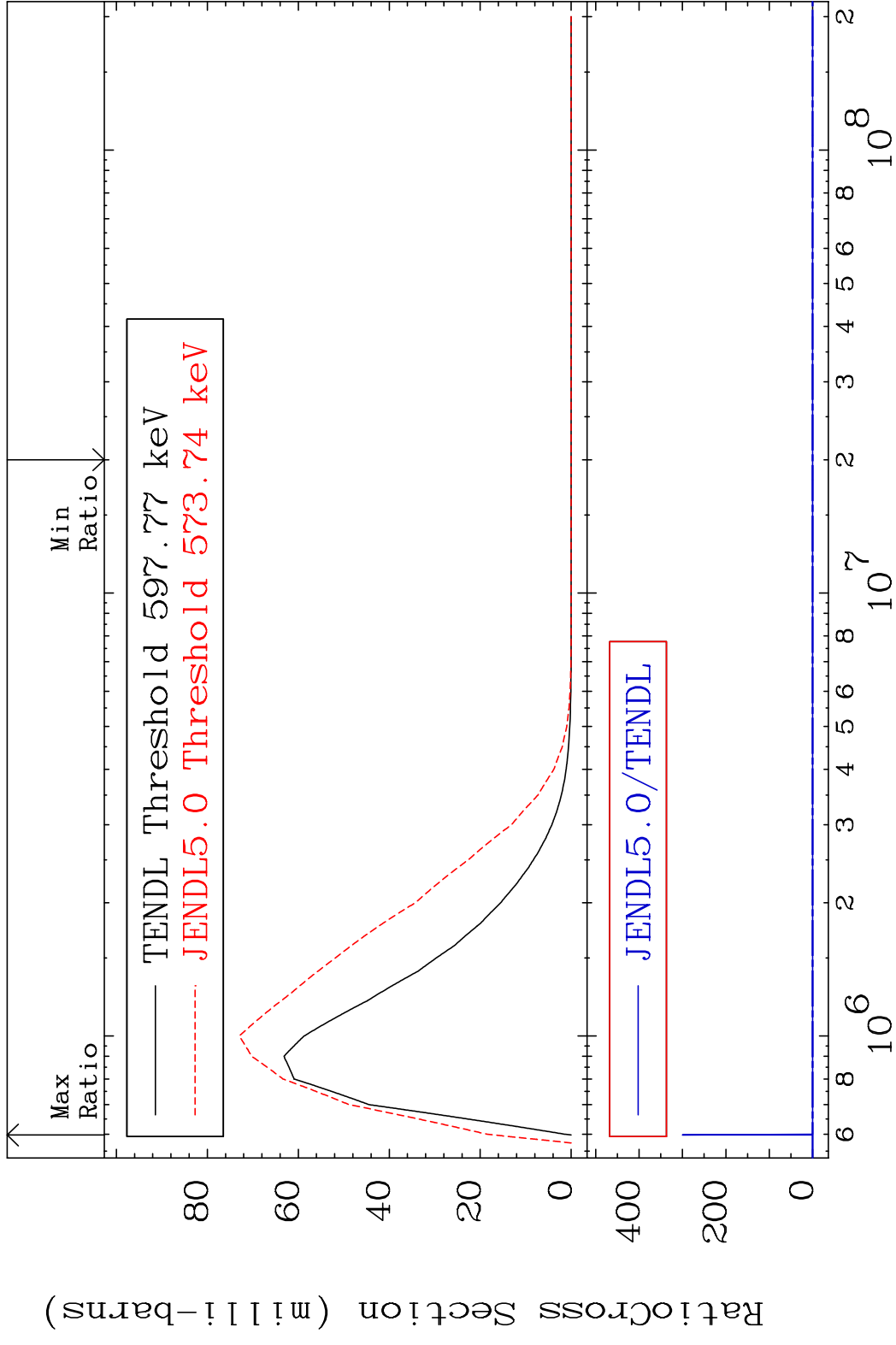
MAT 4446 MT= 67 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



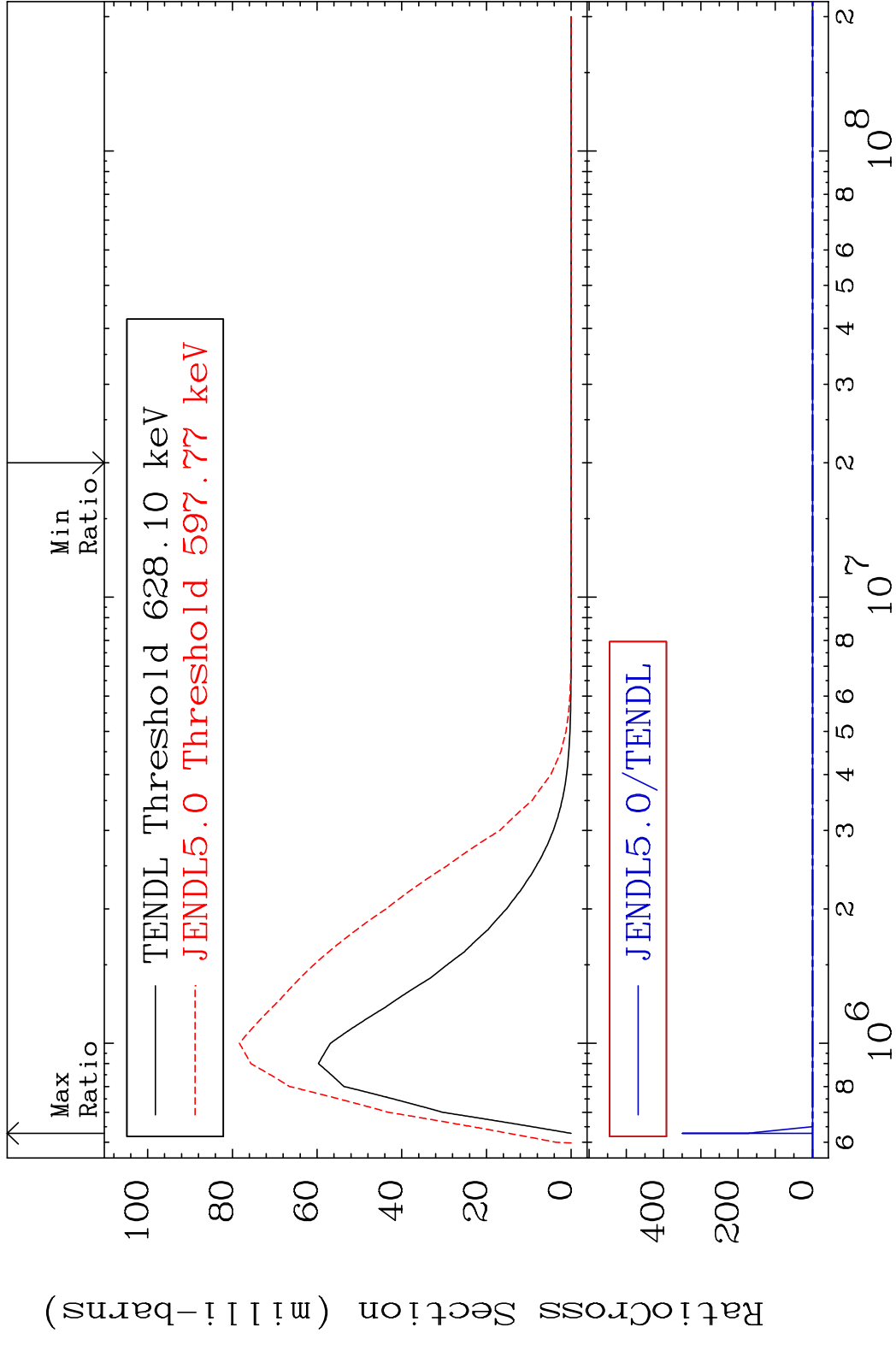
MAT 4446 MT= 68 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



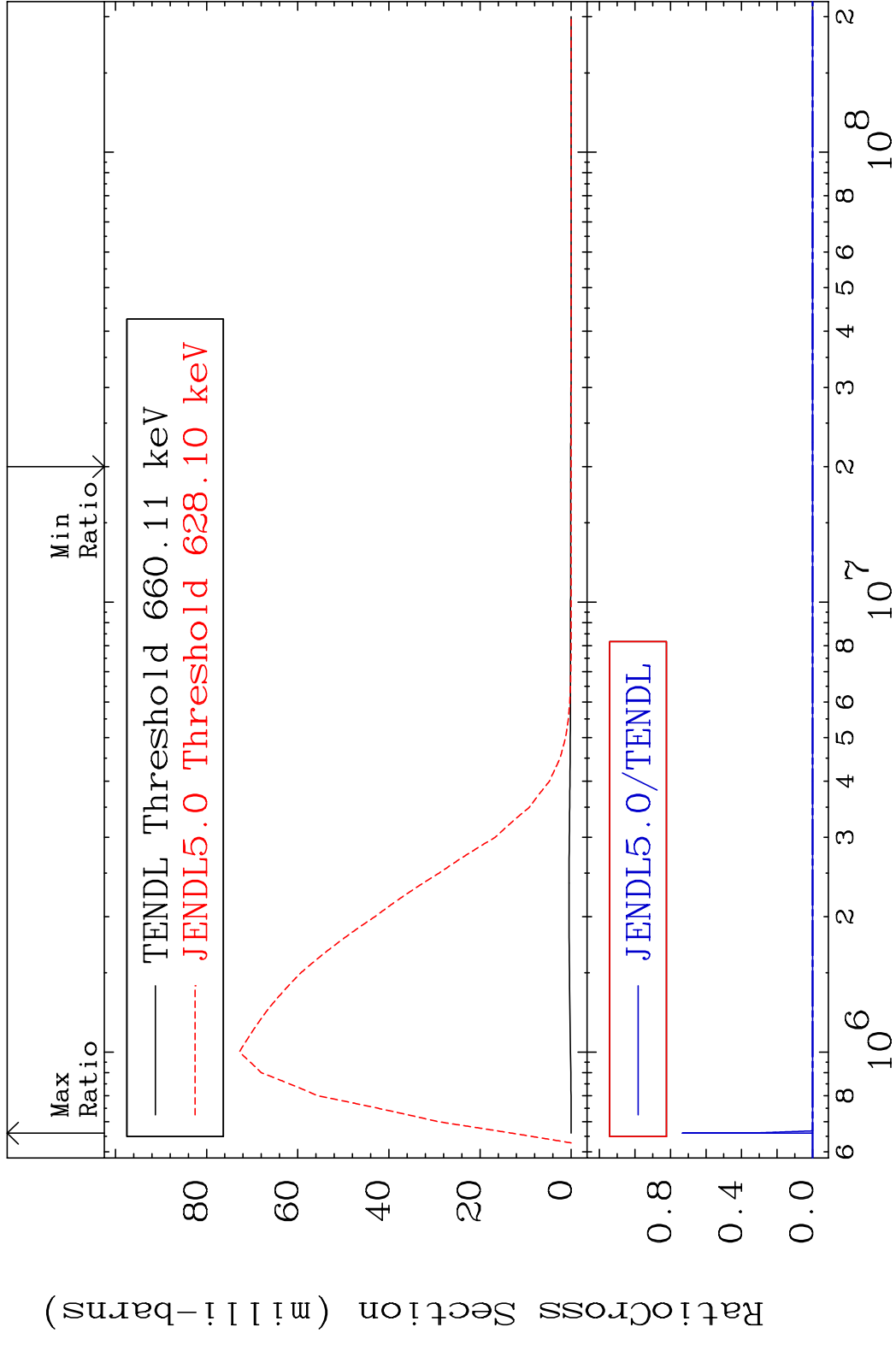
MAT 4446 MT= 69 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



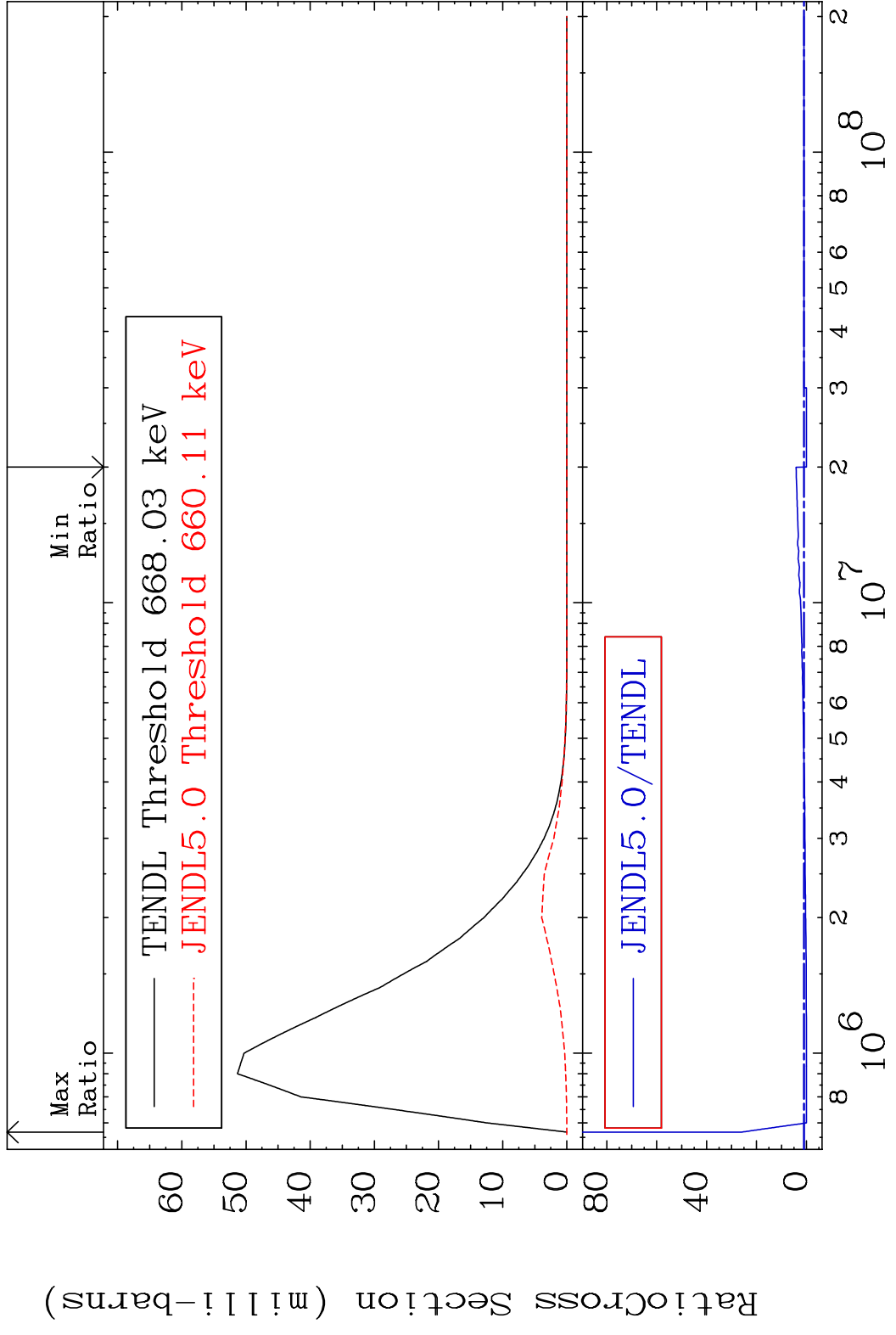
MAT 4446 MT= 70 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



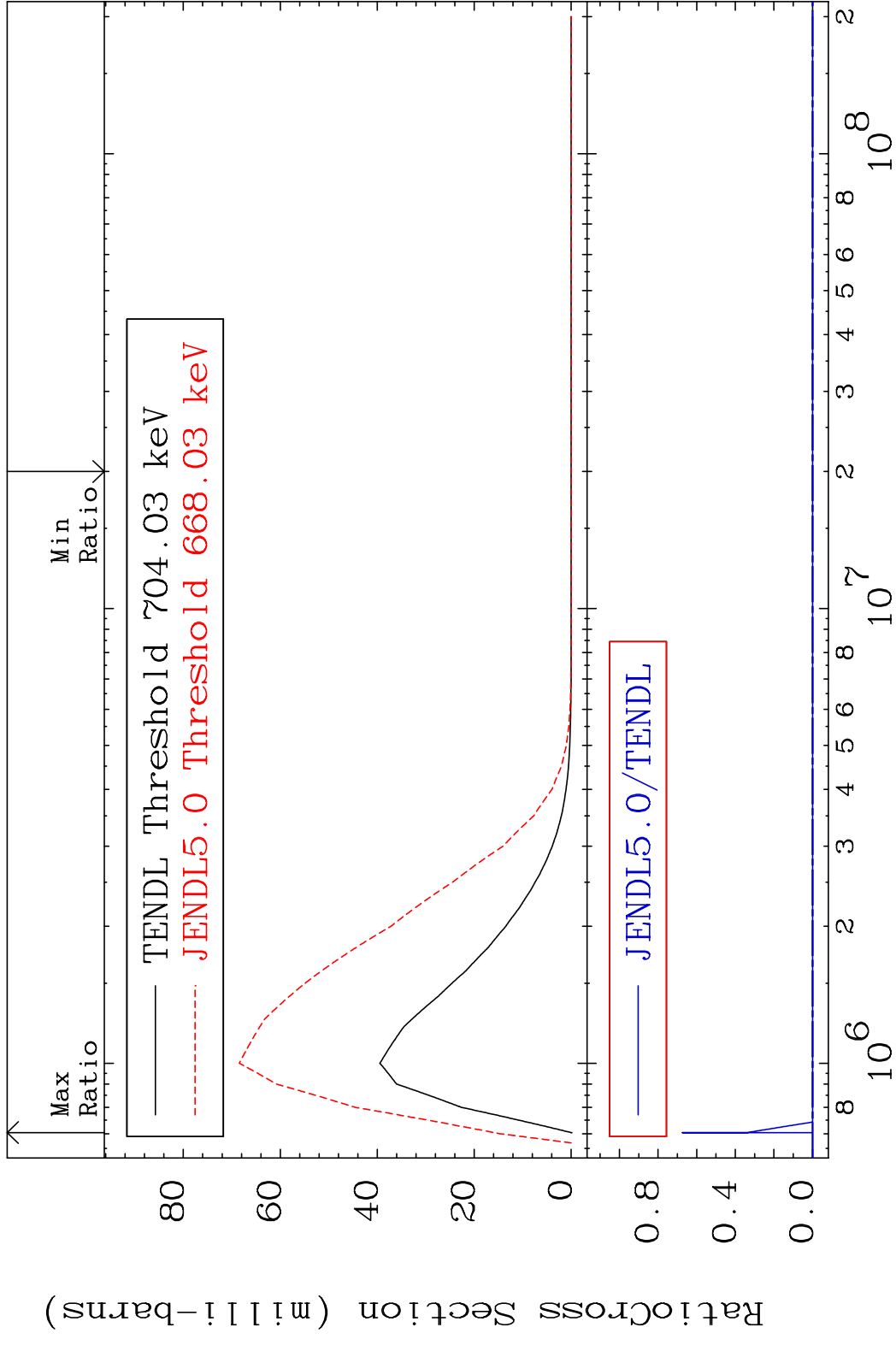
MAT 4446 MT= 71 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



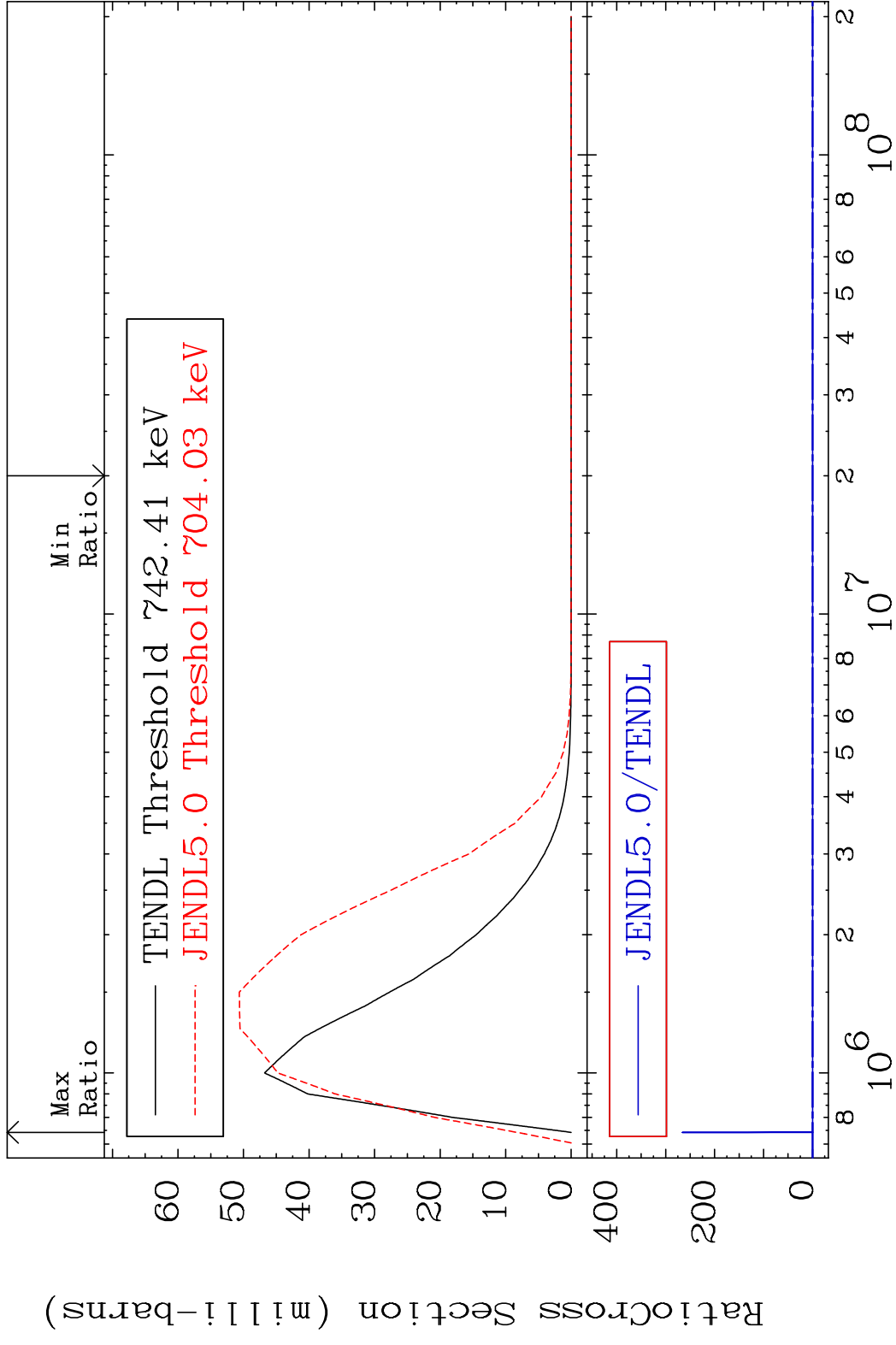
MAT 4446 MT= 72 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 5079. %



MAT 4446 MT= 73 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

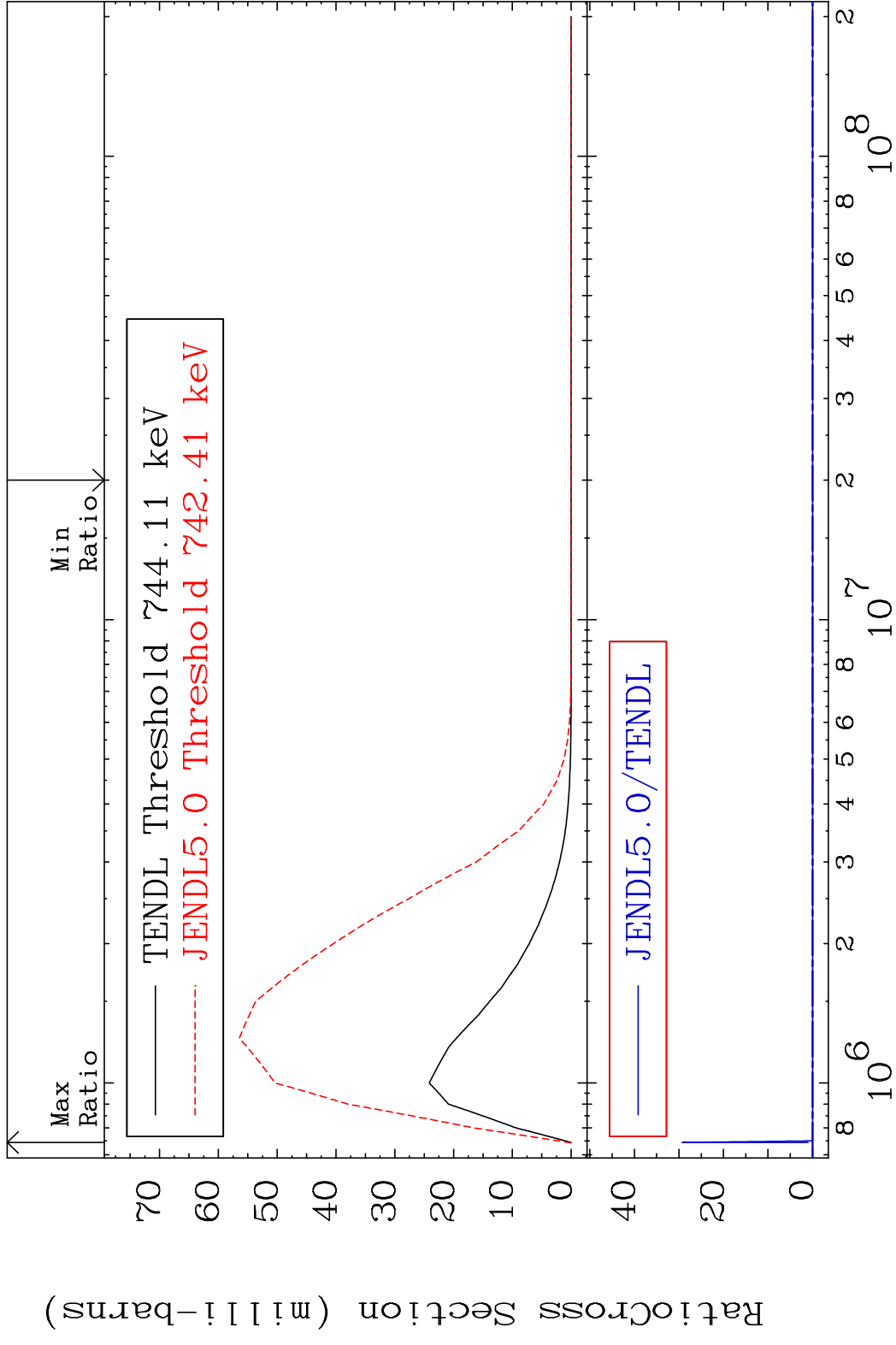


MAT 4446 MT= 74 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

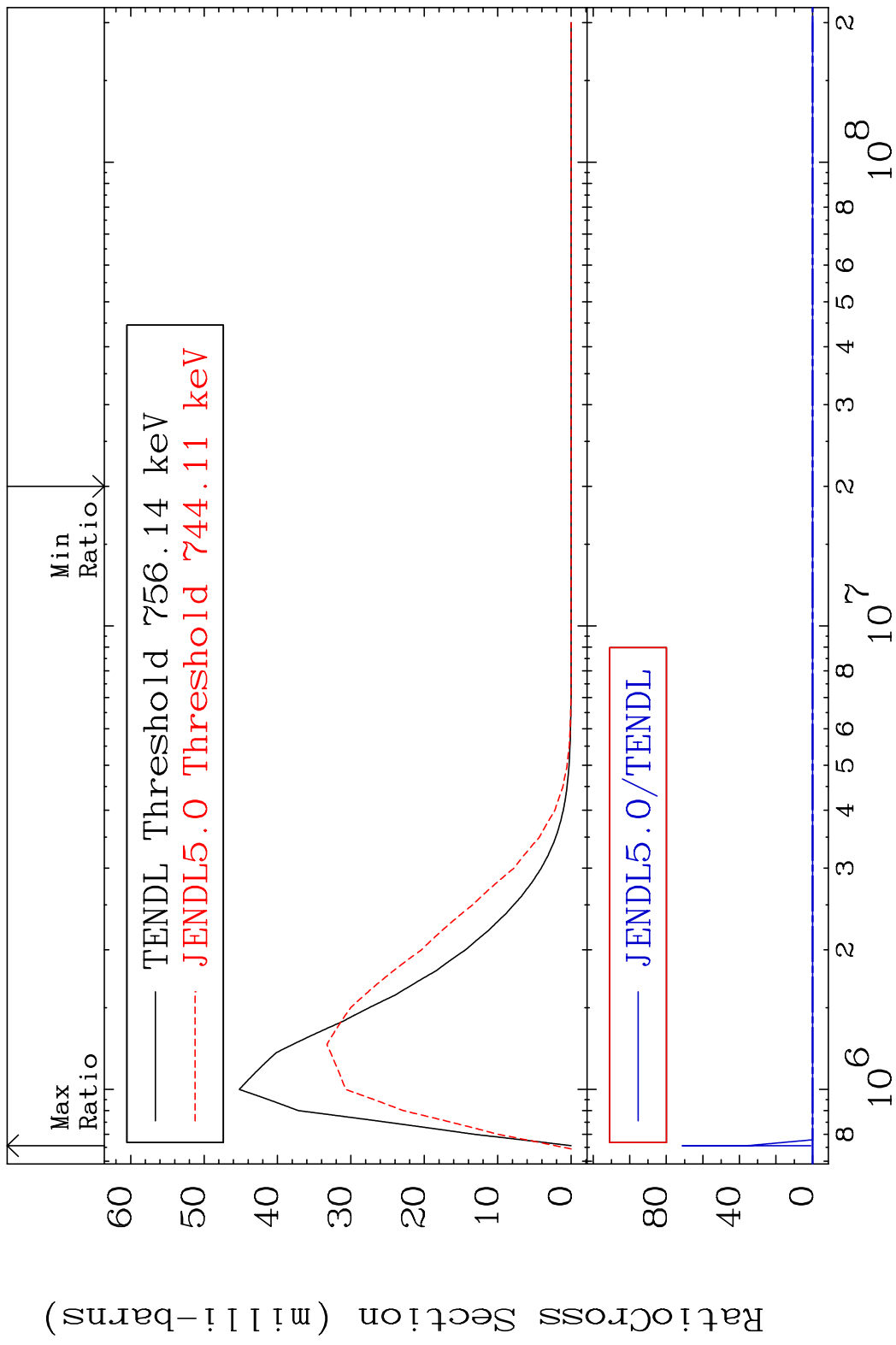


33 Incident Energy (eV) 44-Ru-103

MAT 4446 MT= 75 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

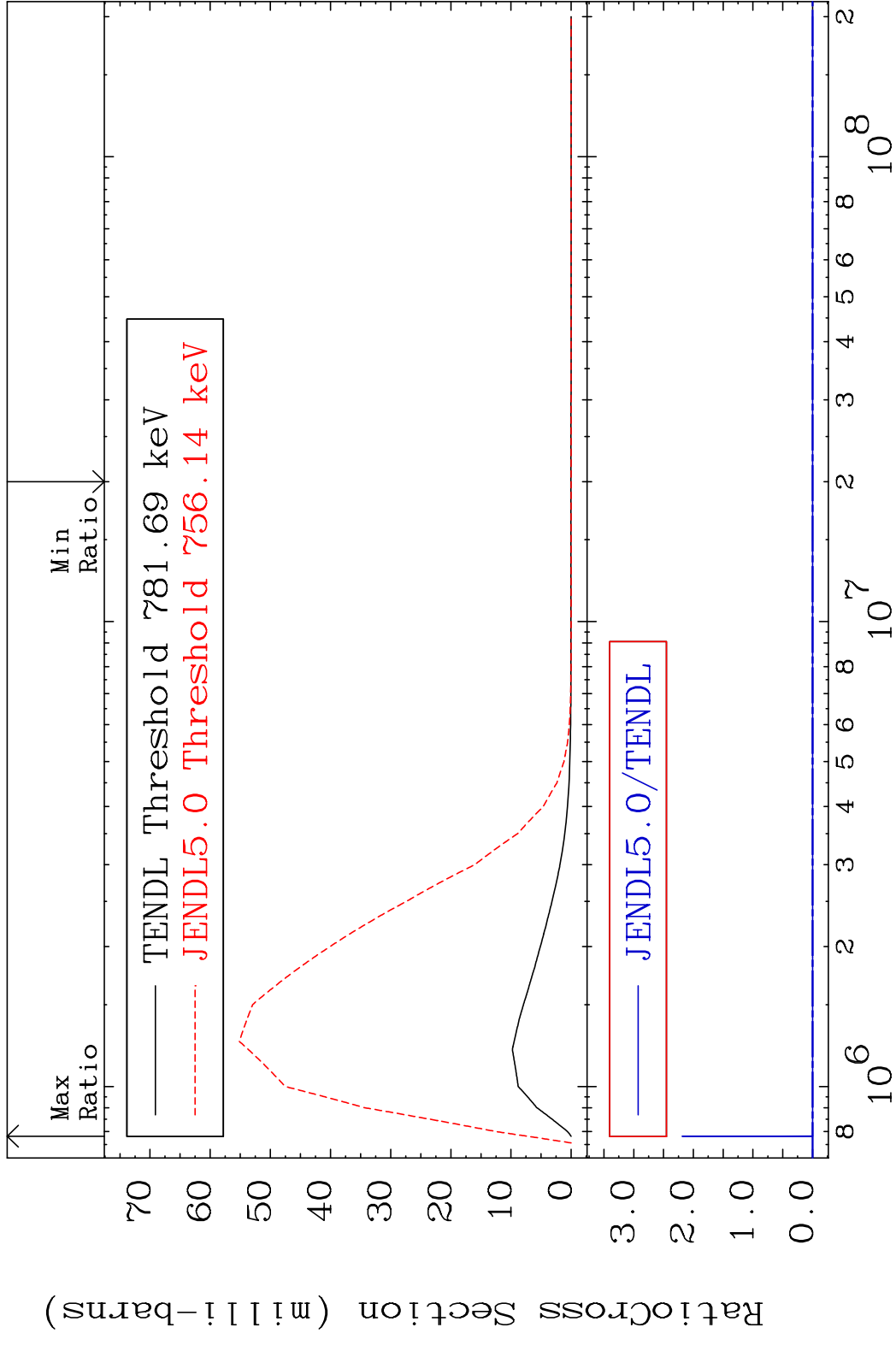


MAT 4446 MT= 76 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

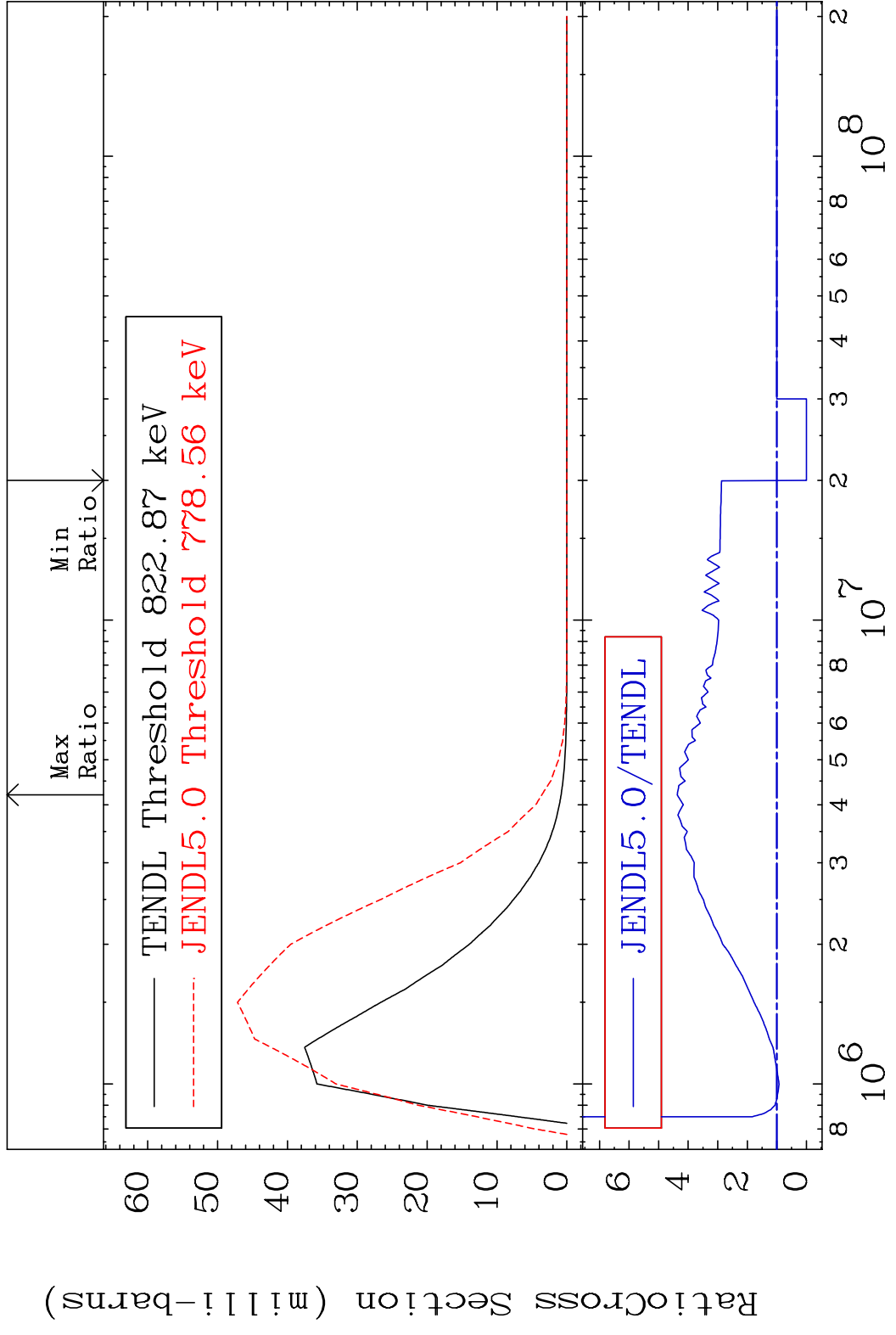


35 Incident Energy (eV) 44-Ru-103

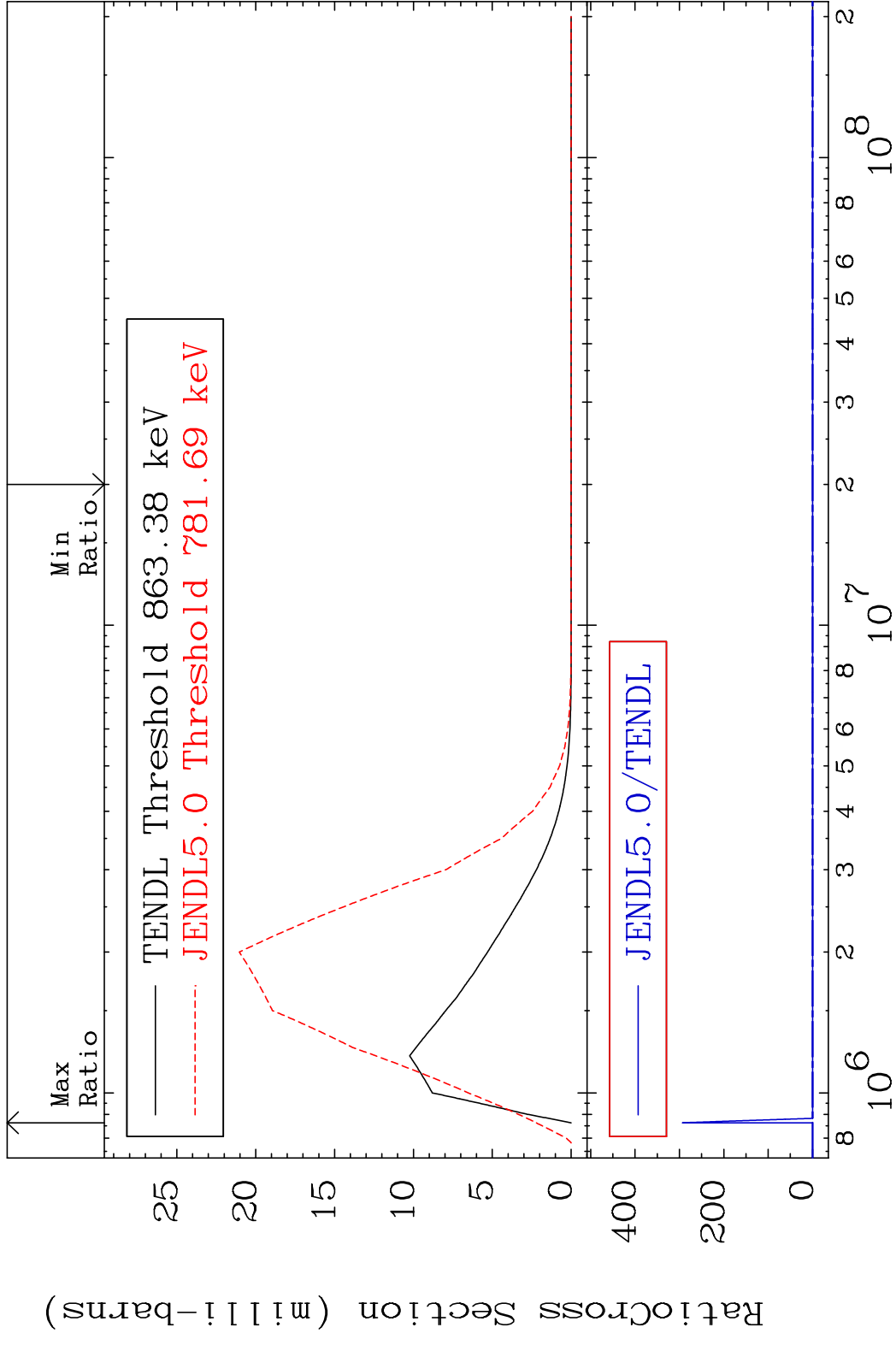
MAT 4446 MT= 77 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



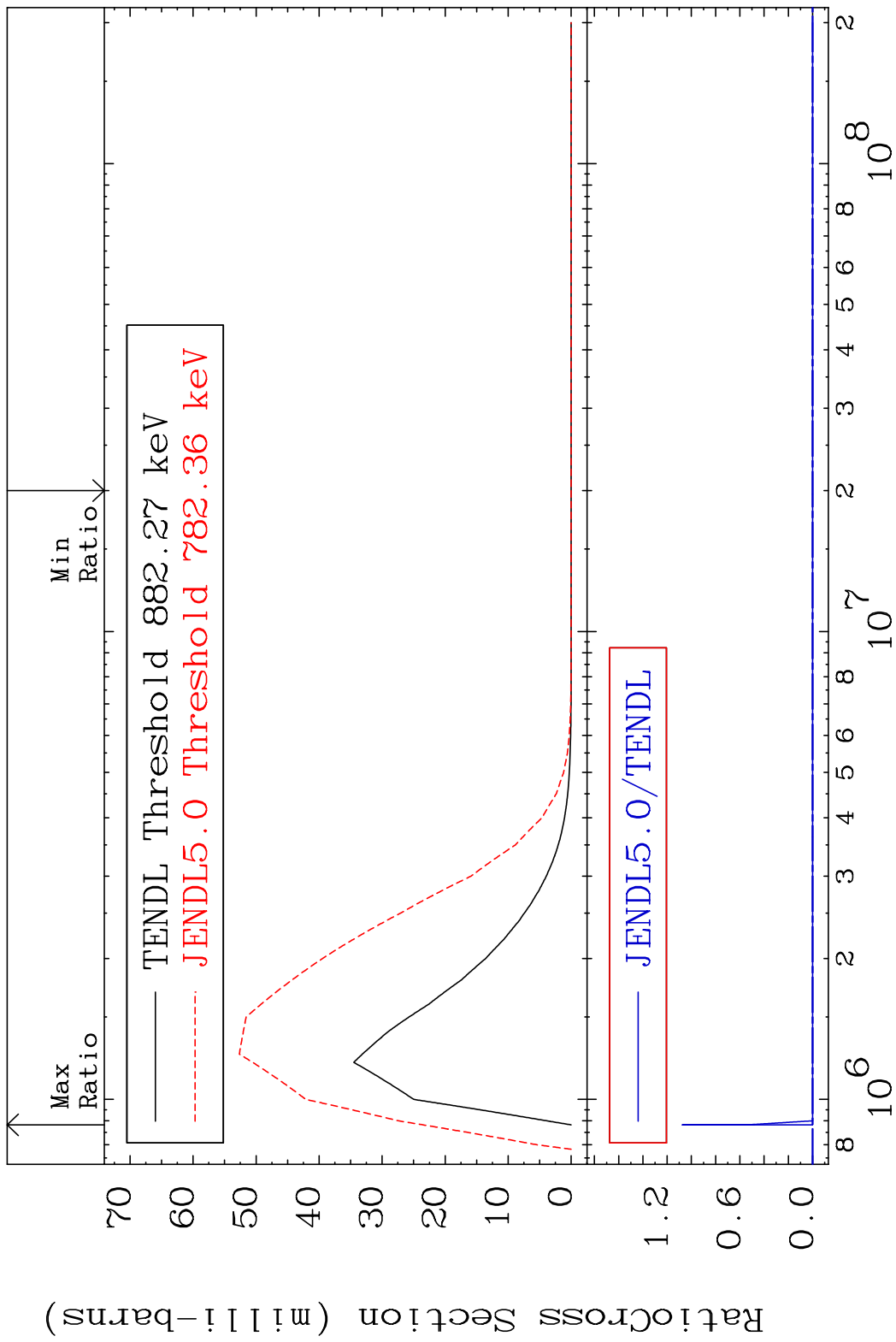
MAT 4446 MT= 78 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 337.3 %



MAT 4446 MT= 79 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

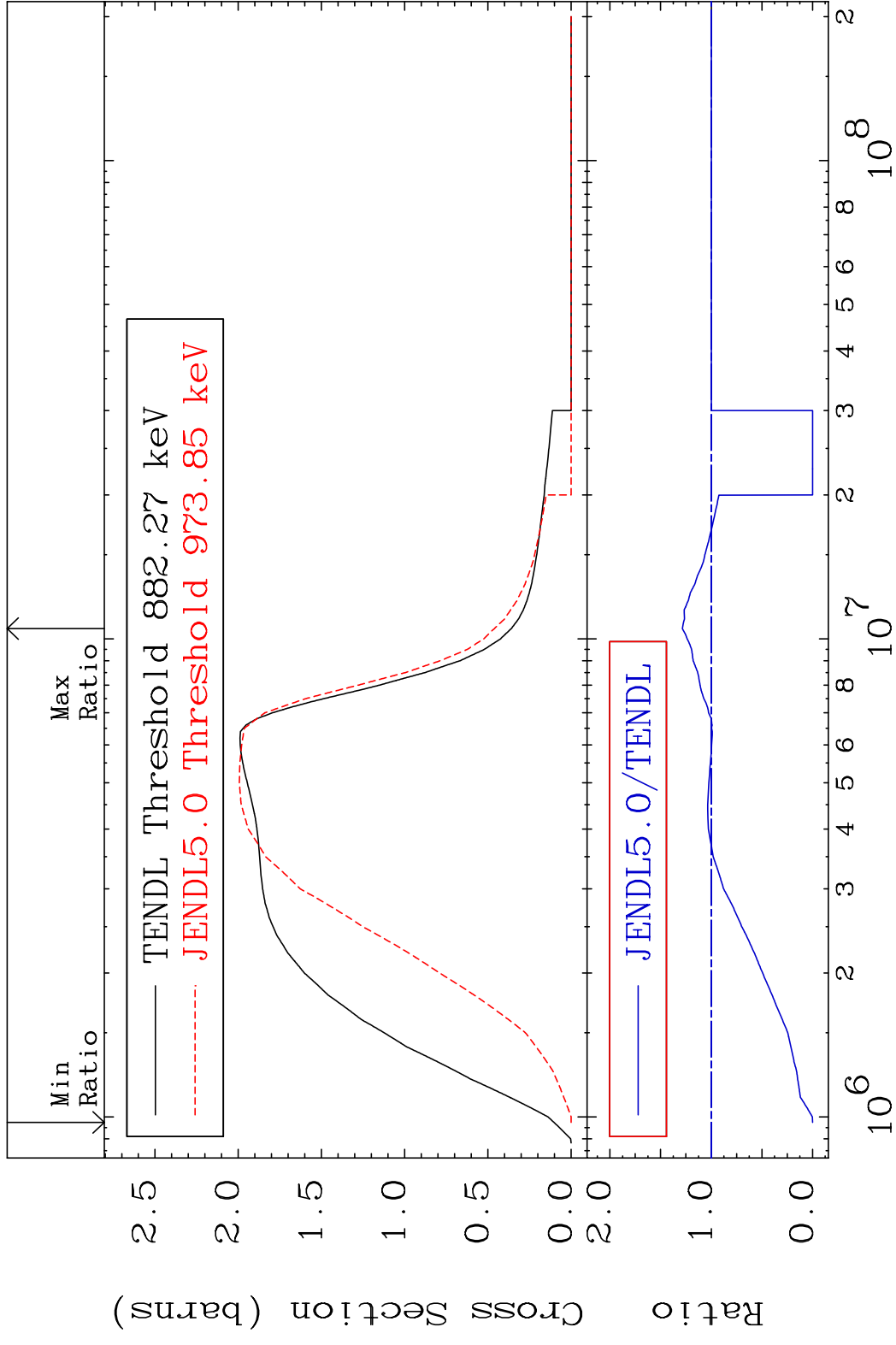


MAT 4446 MT= 80 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 44-Ru-103

MAT 4446 (n, n') Continuum 44-Ru-103
 Cross Section -100.0 To 28.52 %



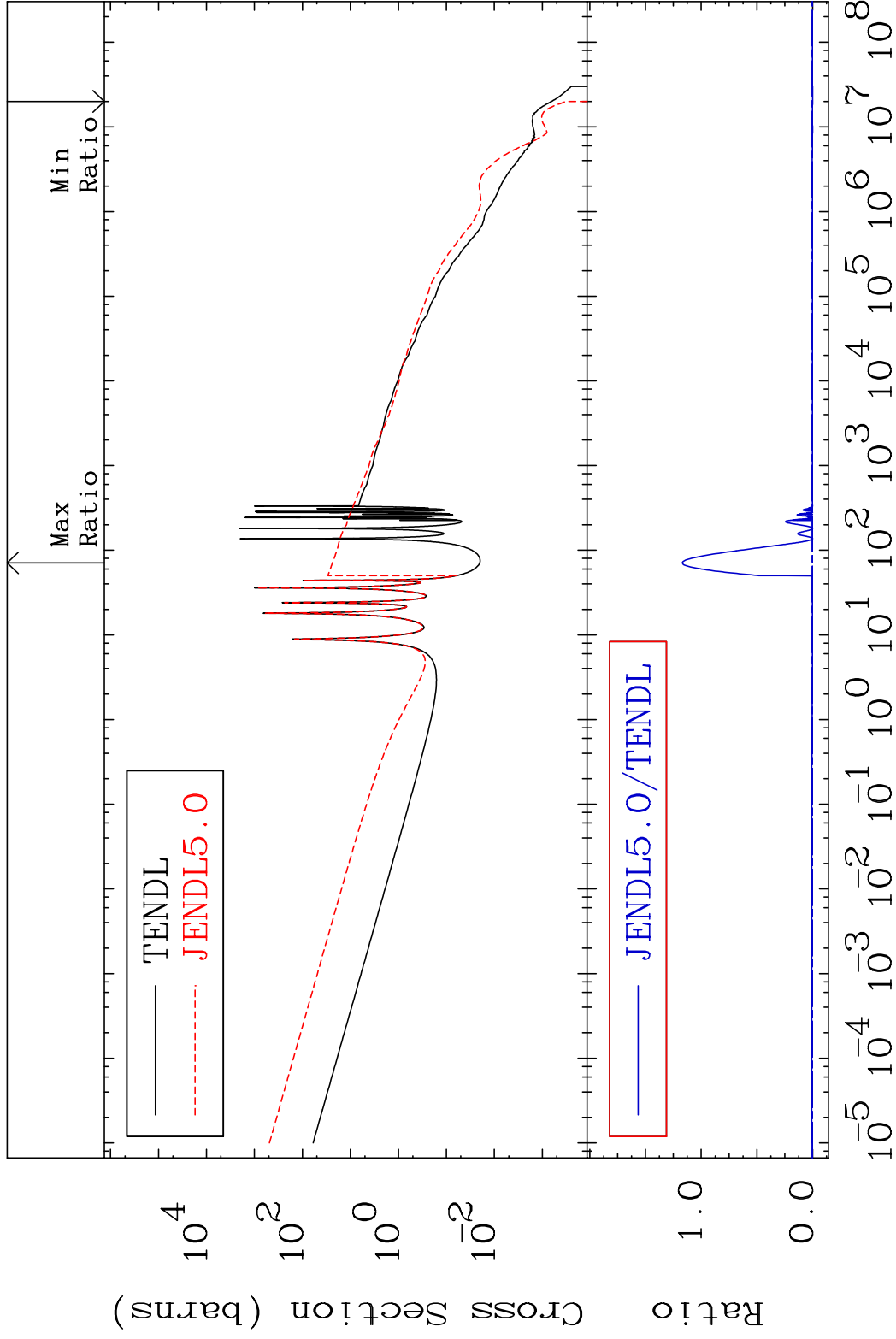
40 Incident Energy (eV) 44-Ru-103

MAT 4446

(n, γ)

44-Ru-103

Cross Section -100.0 To 9999. %

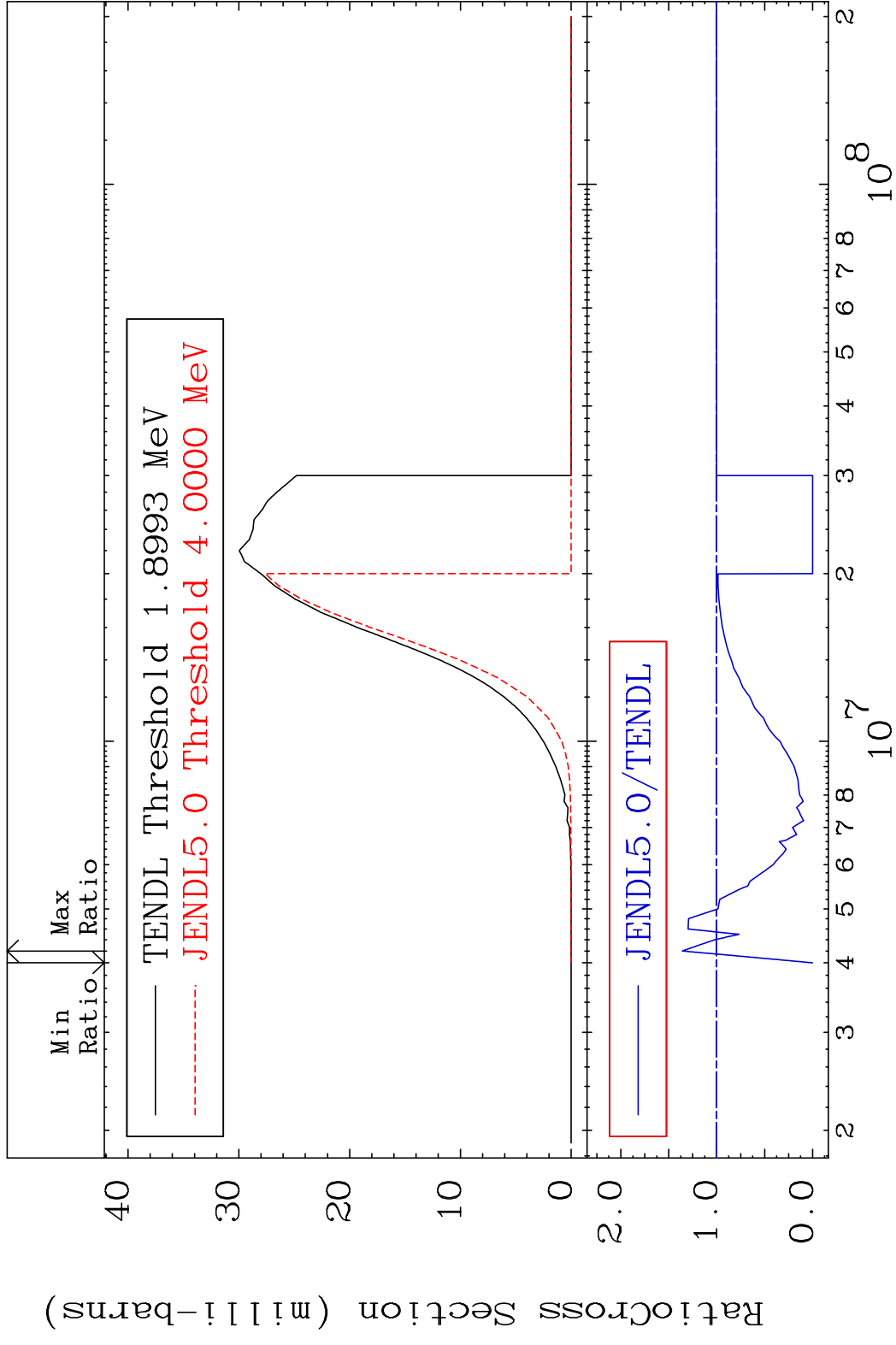


41

Incident Energy (eV)

44-Ru-103

MAT 4446 (n,p) 44-Ru-103
 Cross Section -100.0 To 35.82 %

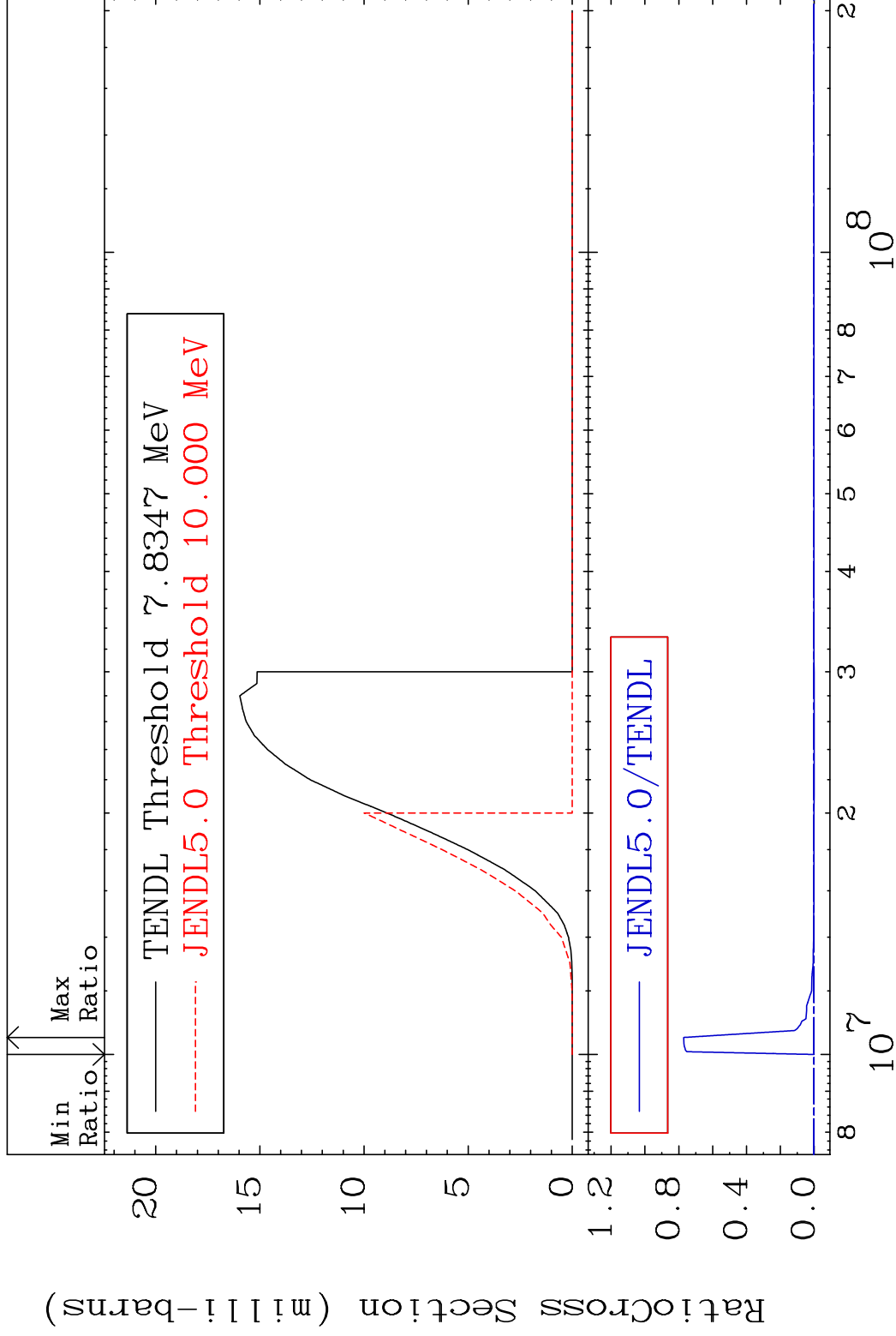


MAT 4446

(n,d)

44-Ru-103

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

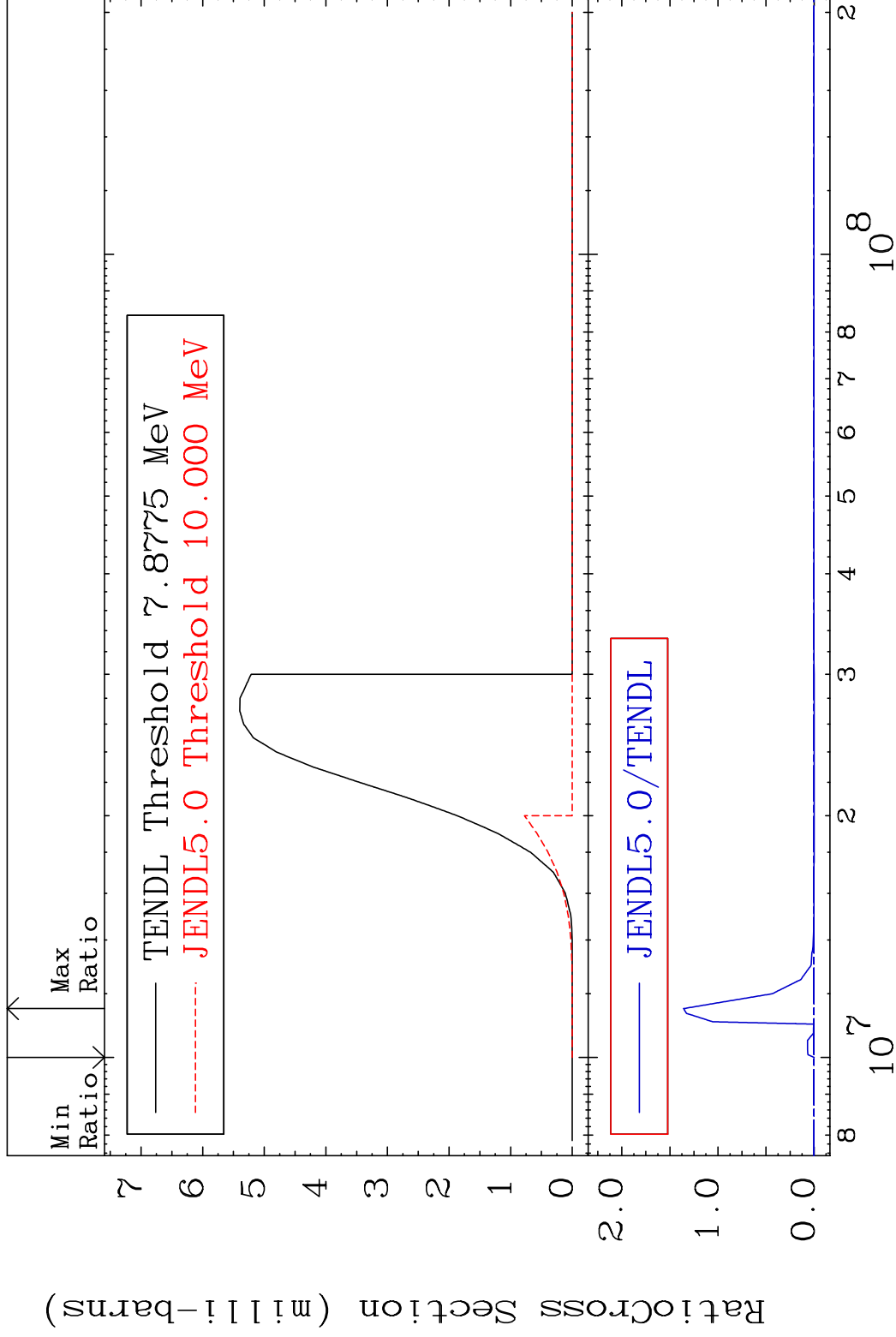
44-Ru-103

MAT 4446

(n, t)

44-Ru-103

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

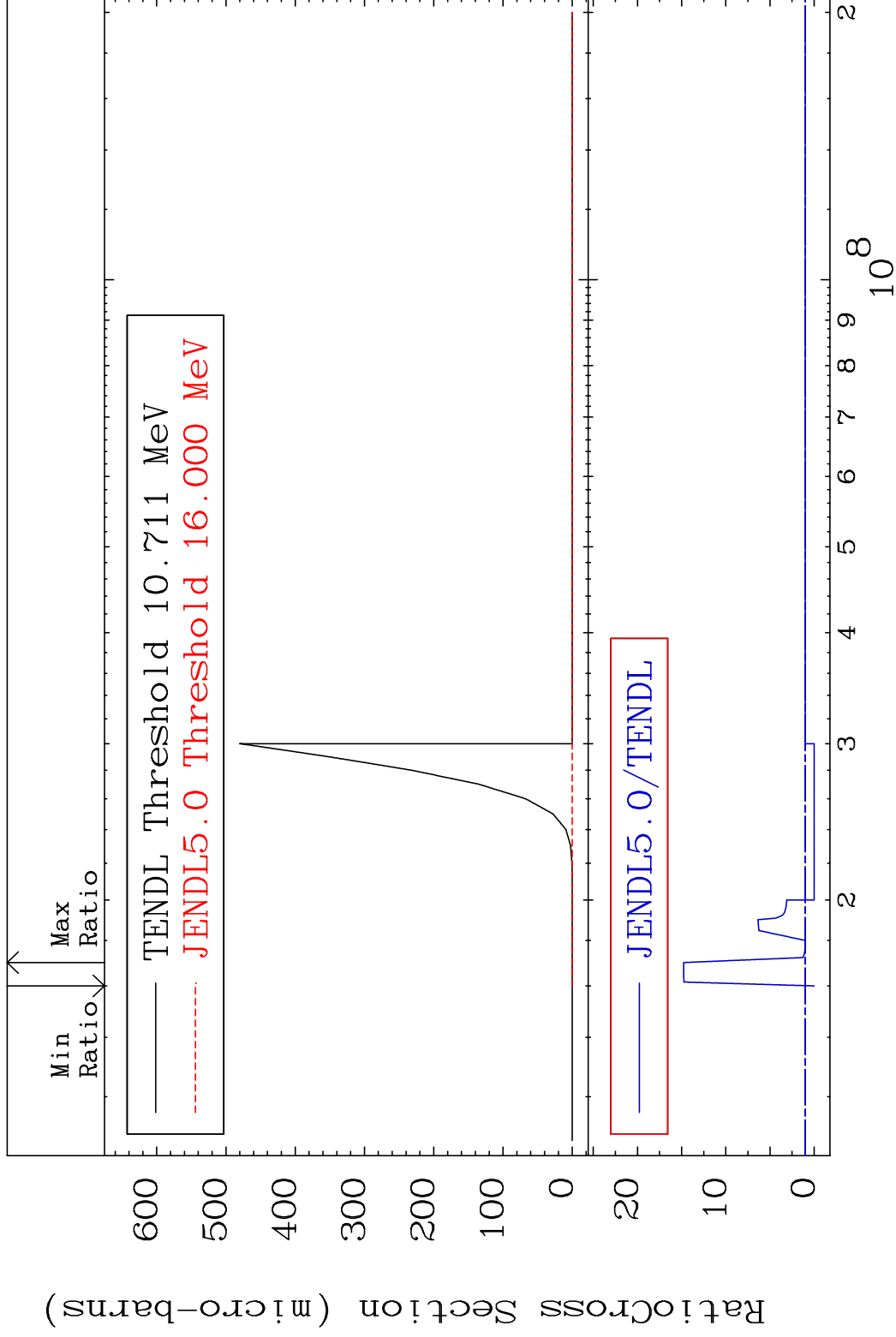
44-Ru-103

MAT 4446

(n, He-3)

44-Ru-103

Cross Section -100.0 To 1377. %



45

Incident Energy (eV)

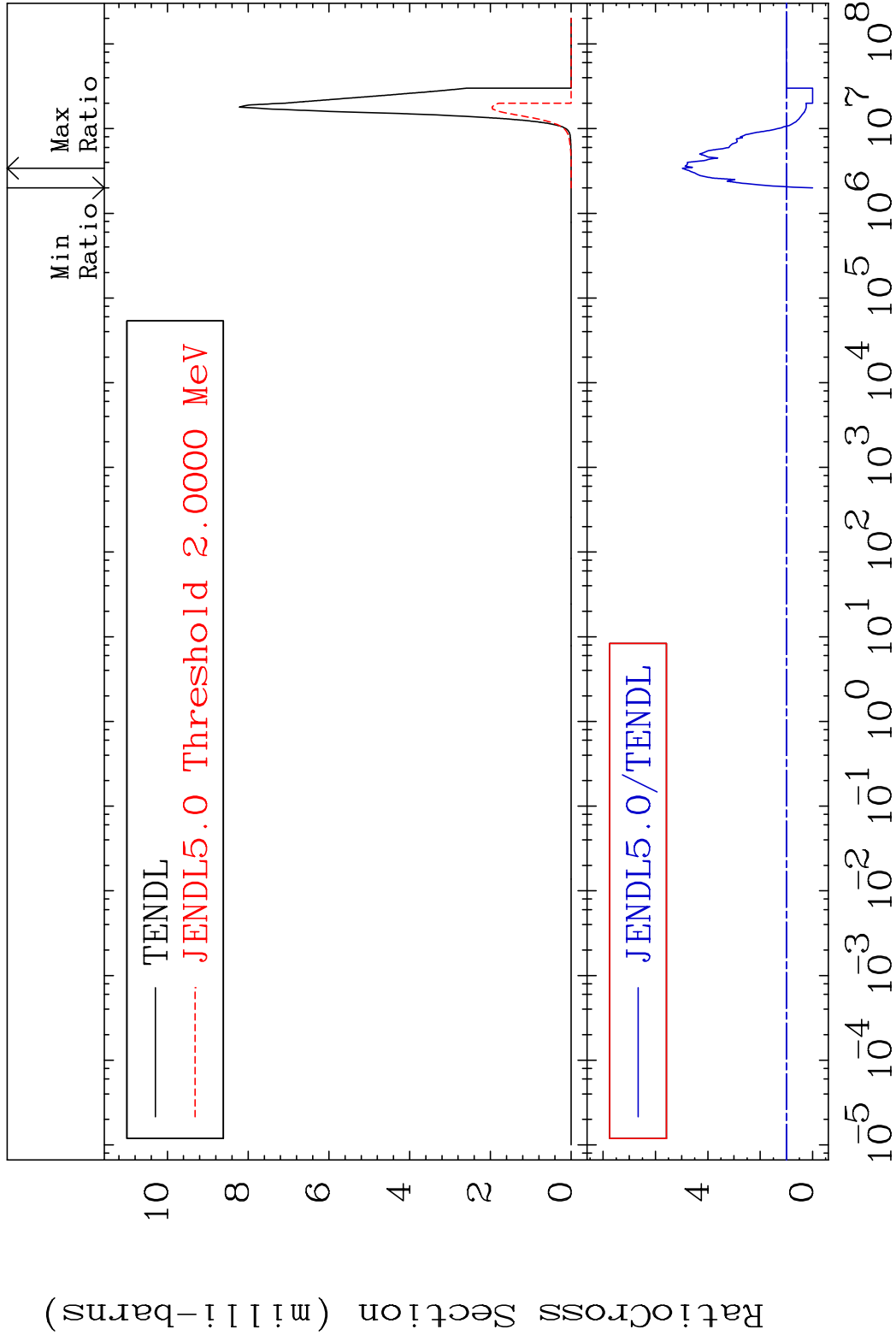
44-Ru-103

MAT 4446

(n, α)

44-Ru-103

Cross Section -100.0 To 397.4 %



46

Incident Energy (eV)

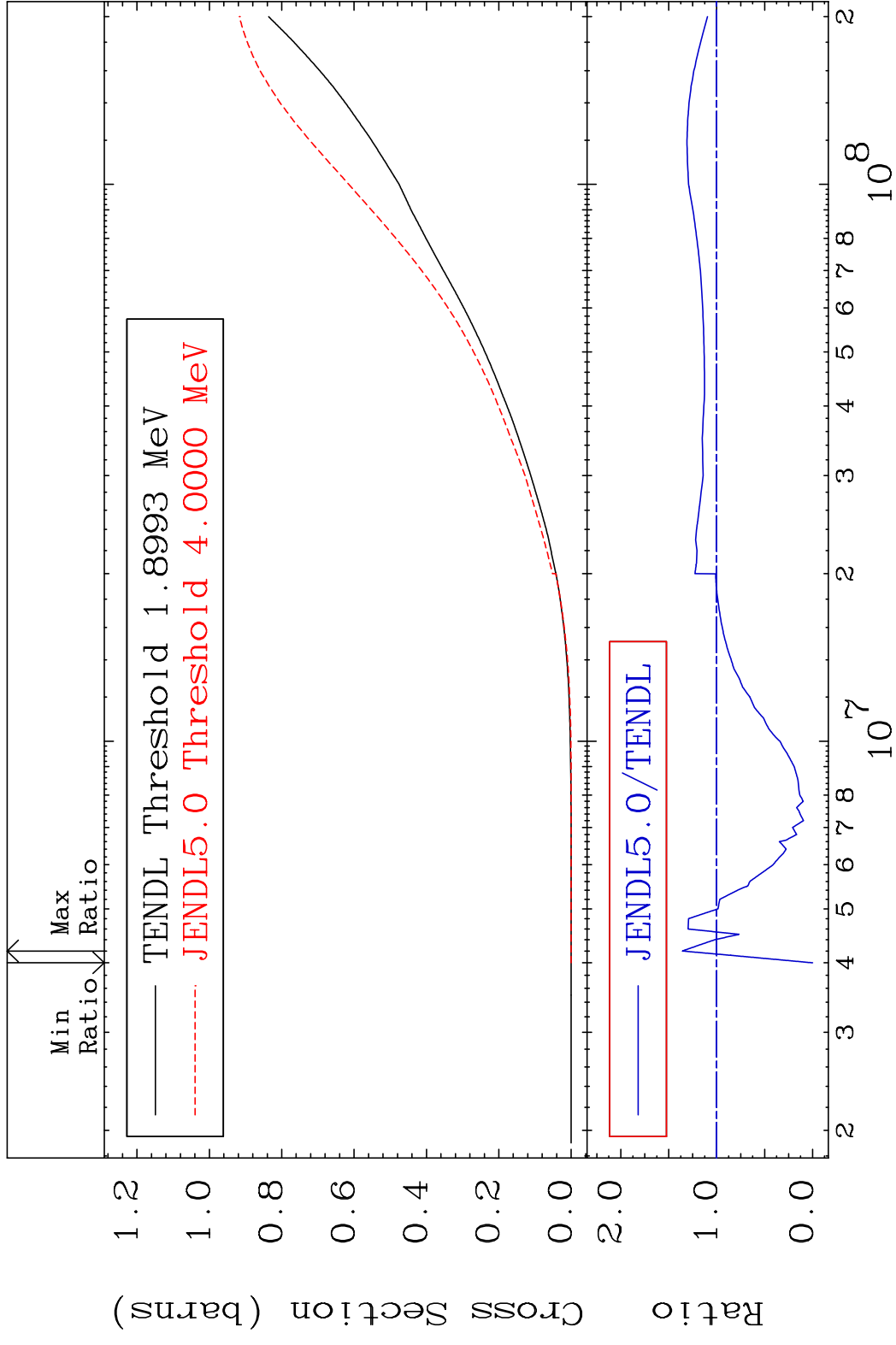
44-Ru-103

MAT 4446

Hydrogen Production

44-Ru-103

Cross Section -100.0 To 35.82 %



47

Incident Energy (eV)

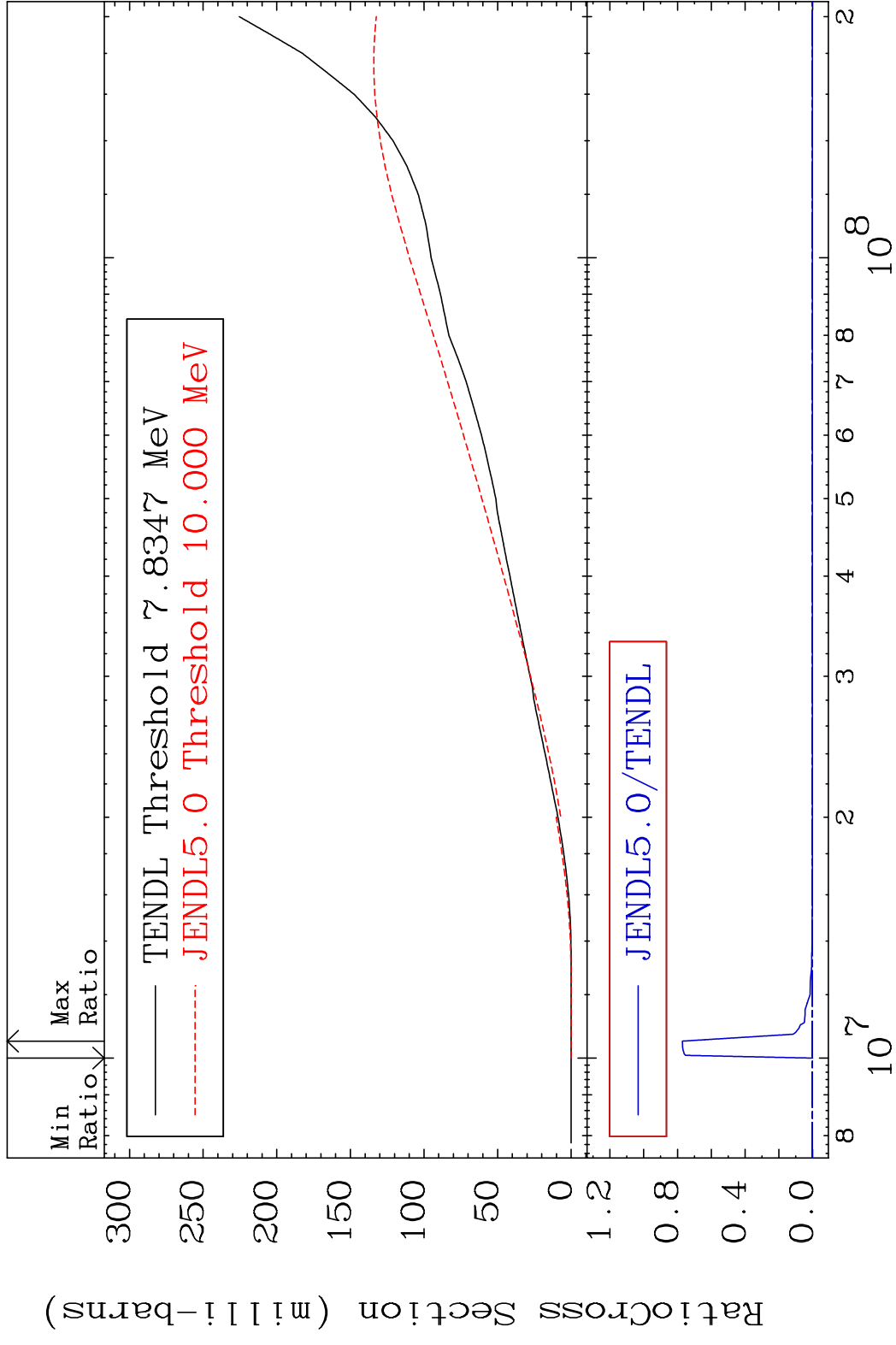
44-Ru-103

MAT 4446

Deuterium Production

44-Ru-103

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

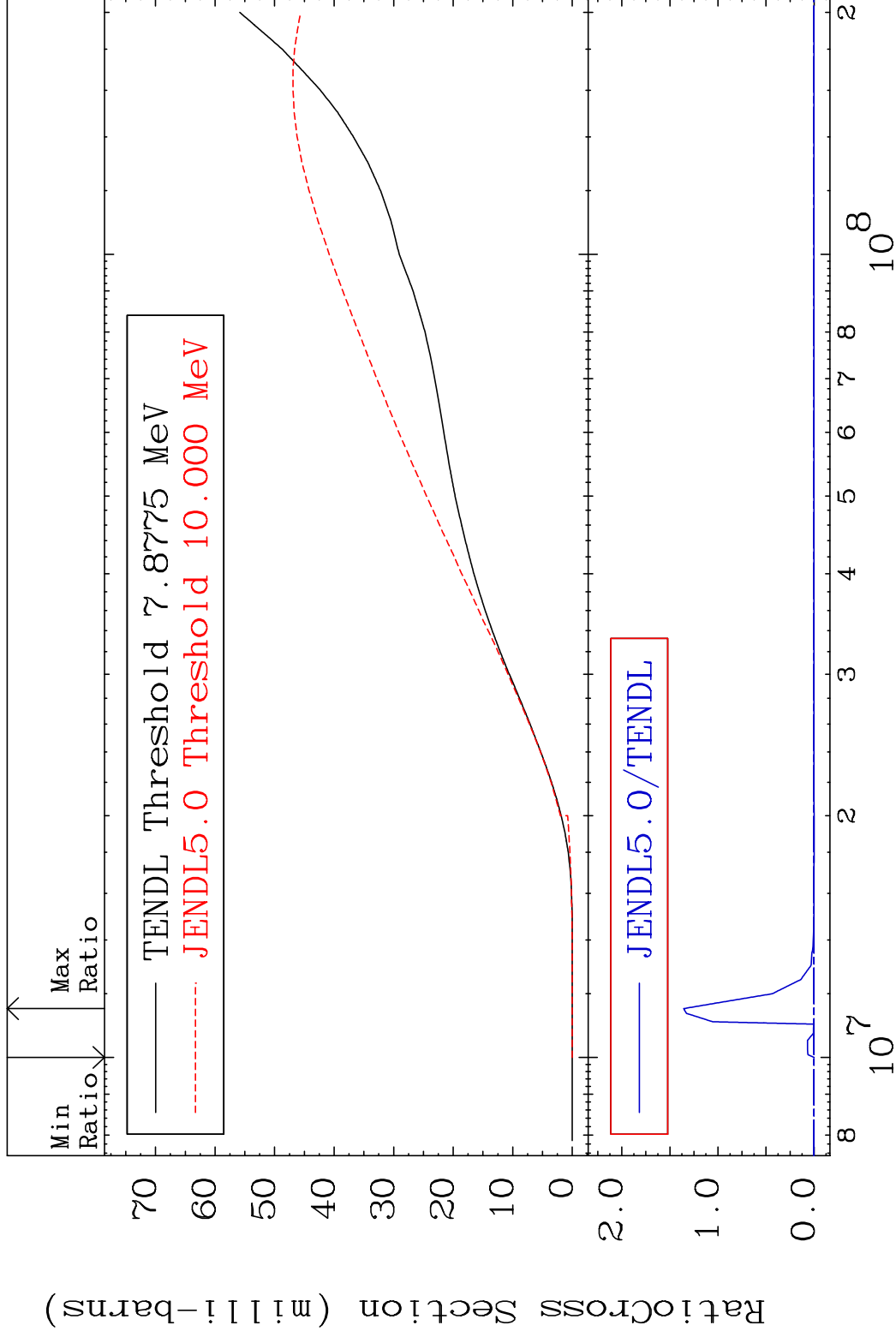
44-Ru-103

MAT 4446

Tritium Production

44-Ru-103

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

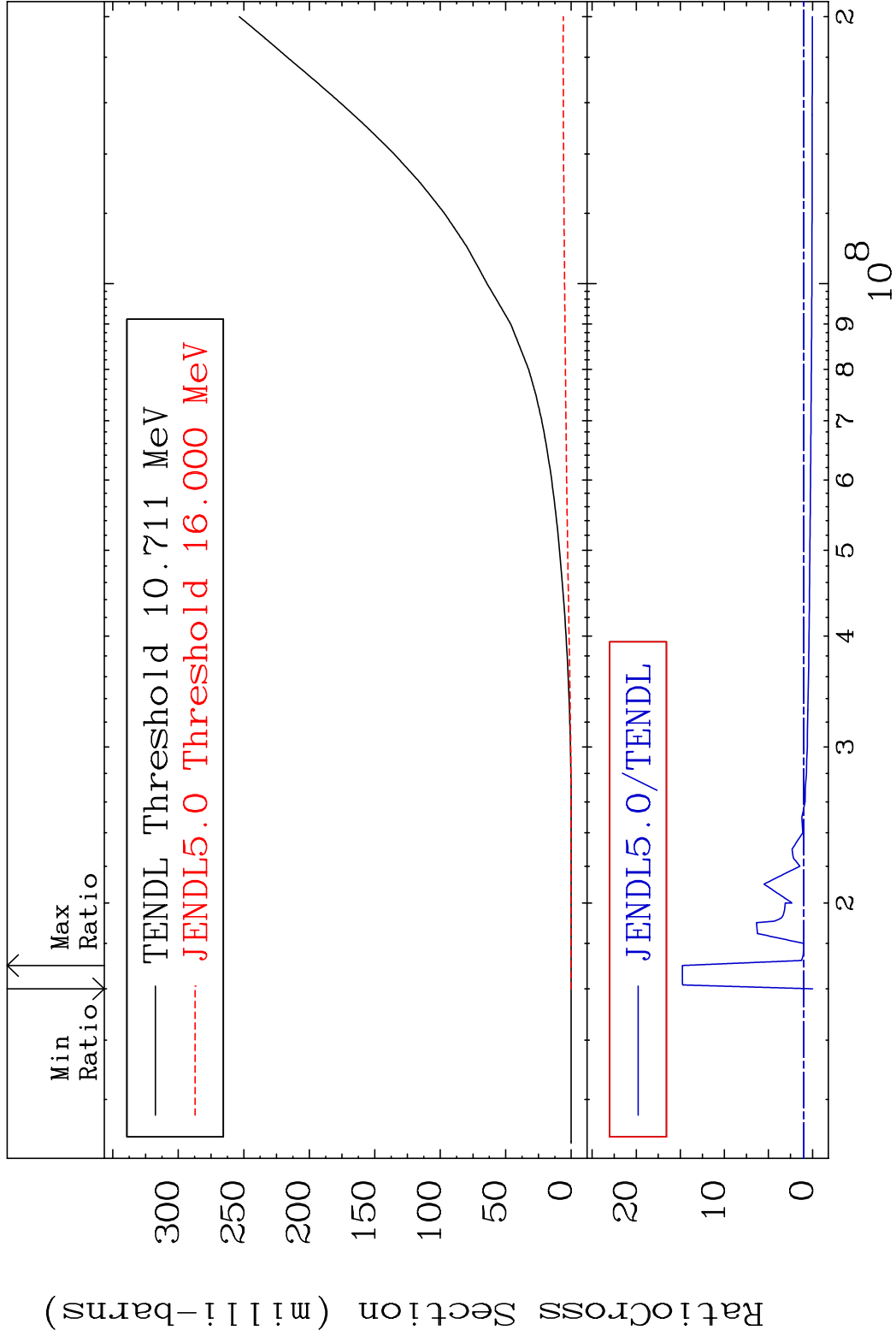
44-Ru-103

MAT 4446

He-3 Production

44-Ru-103

Cross Section -100.0 To 1377. %



50

Incident Energy (eV)

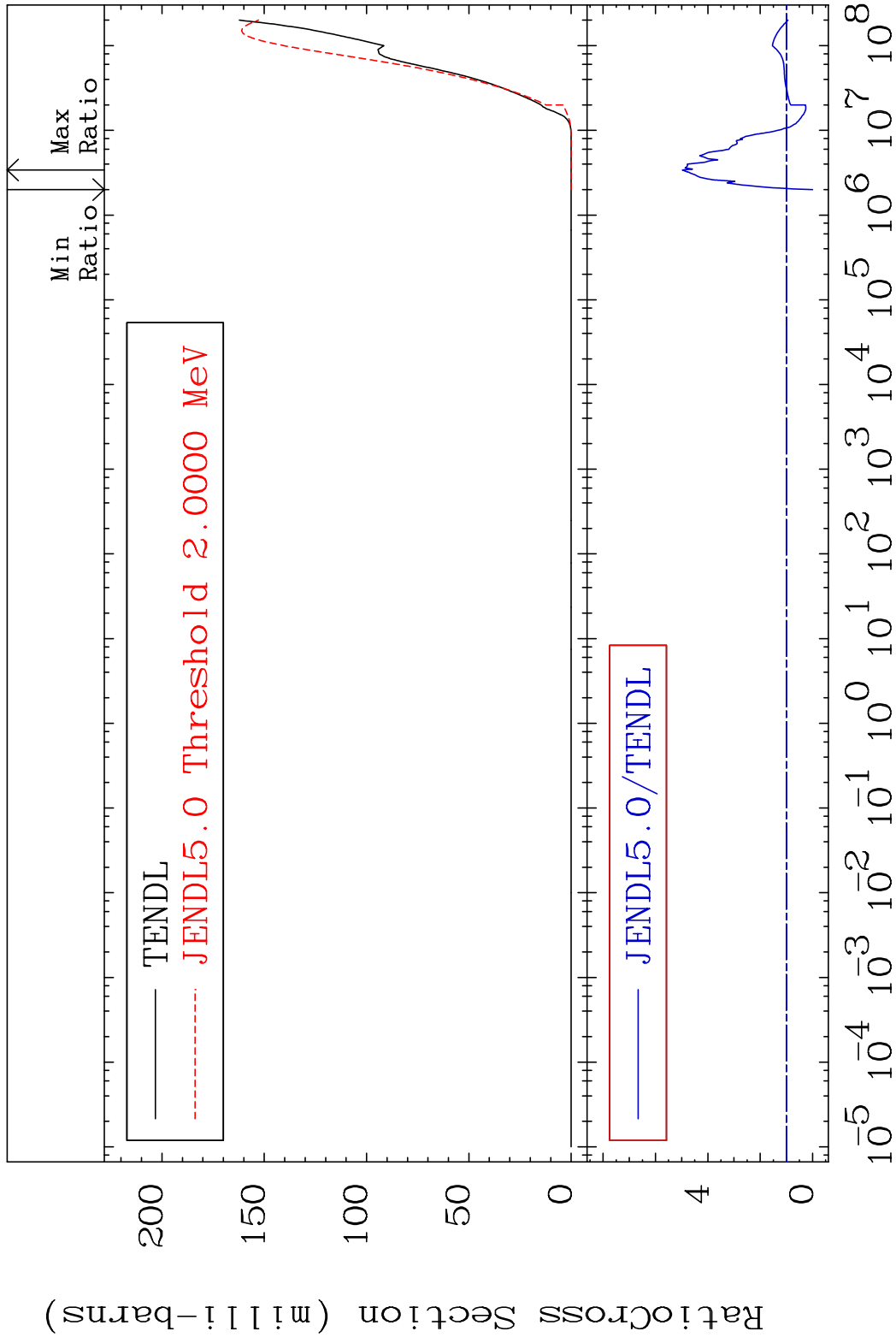
44-Ru-103

MAT 4446

He-4 Production

44-Ru-103

Cross Section -100.0 To 397.4 %

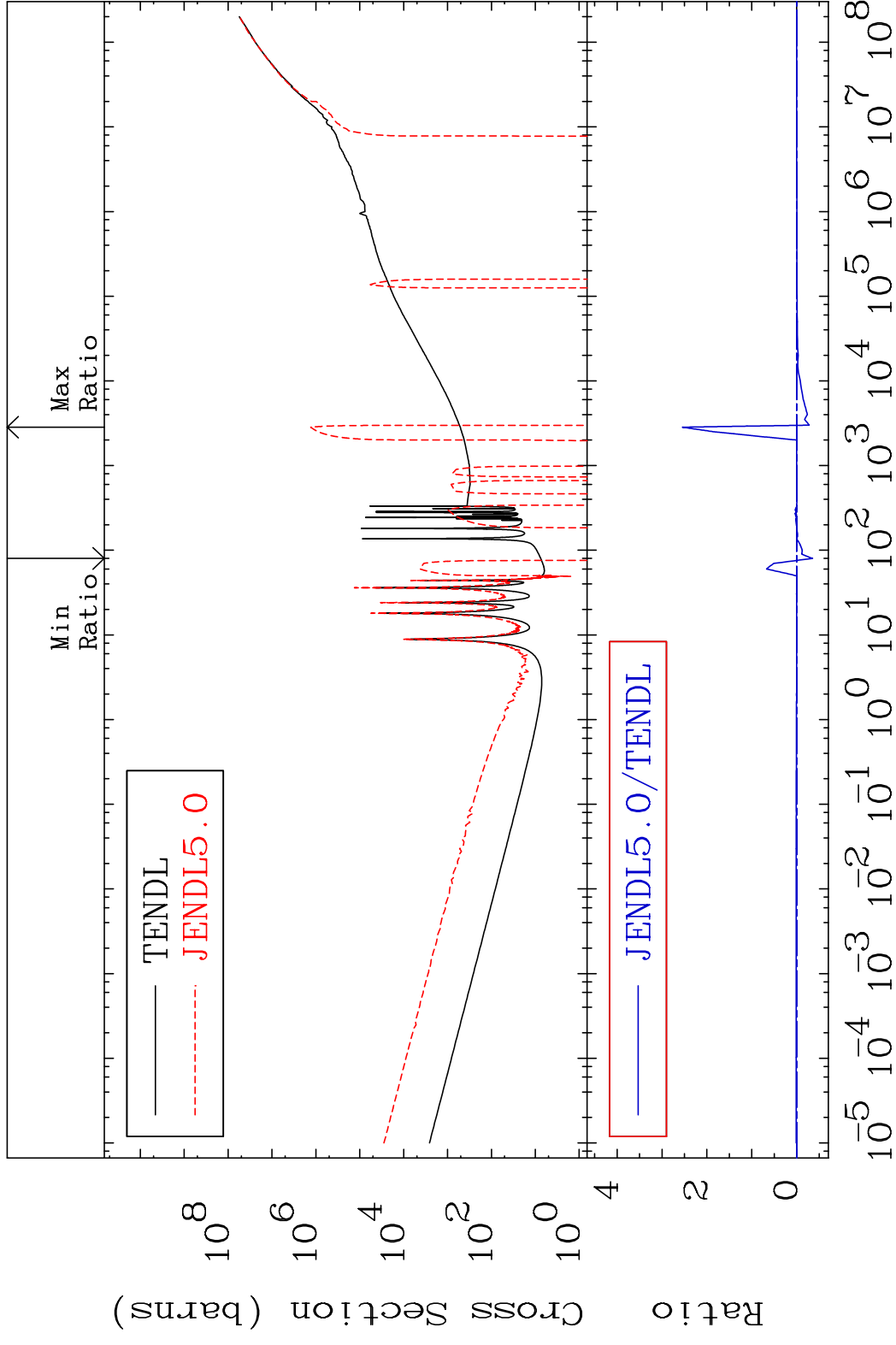


51

Incident Energy (eV)

44-Ru-103

MAT 4446 Kerma total (eV-barns) 44-Ru-103
 Cross Section -9999. To 9999. %

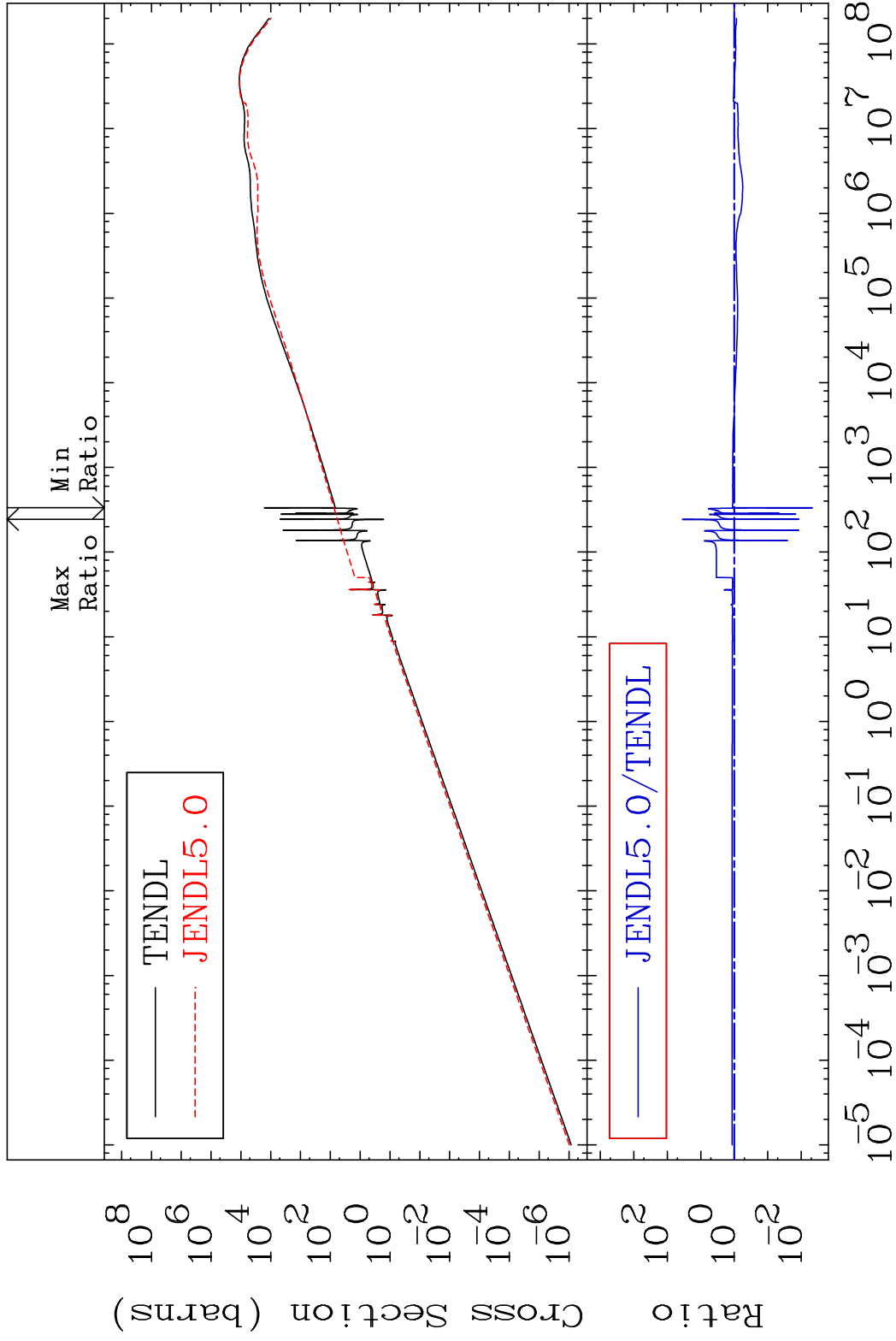


MAT 4446

Kerma elastic

44-Ru-103

Cross Section -99.54 To 3448. %

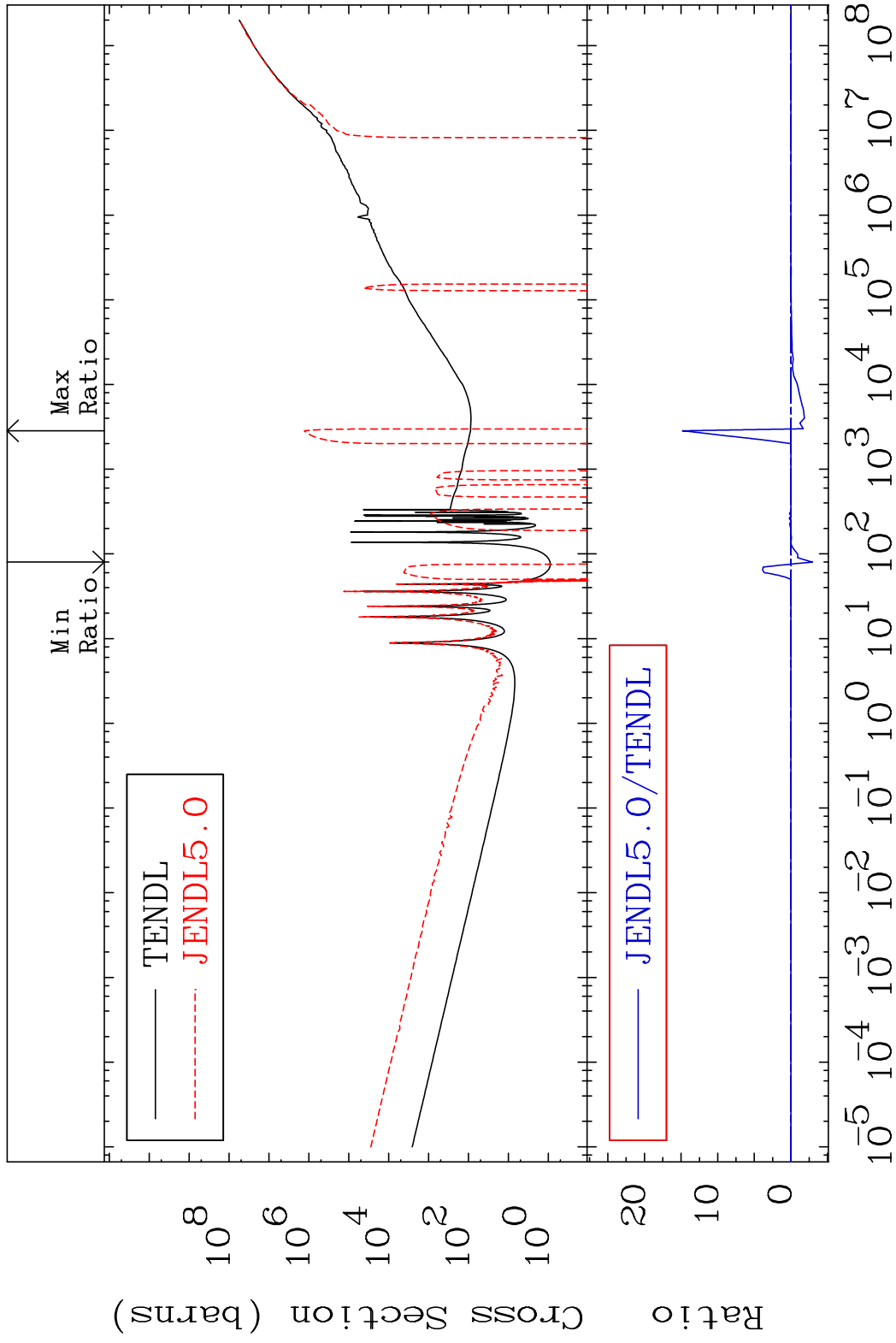


53

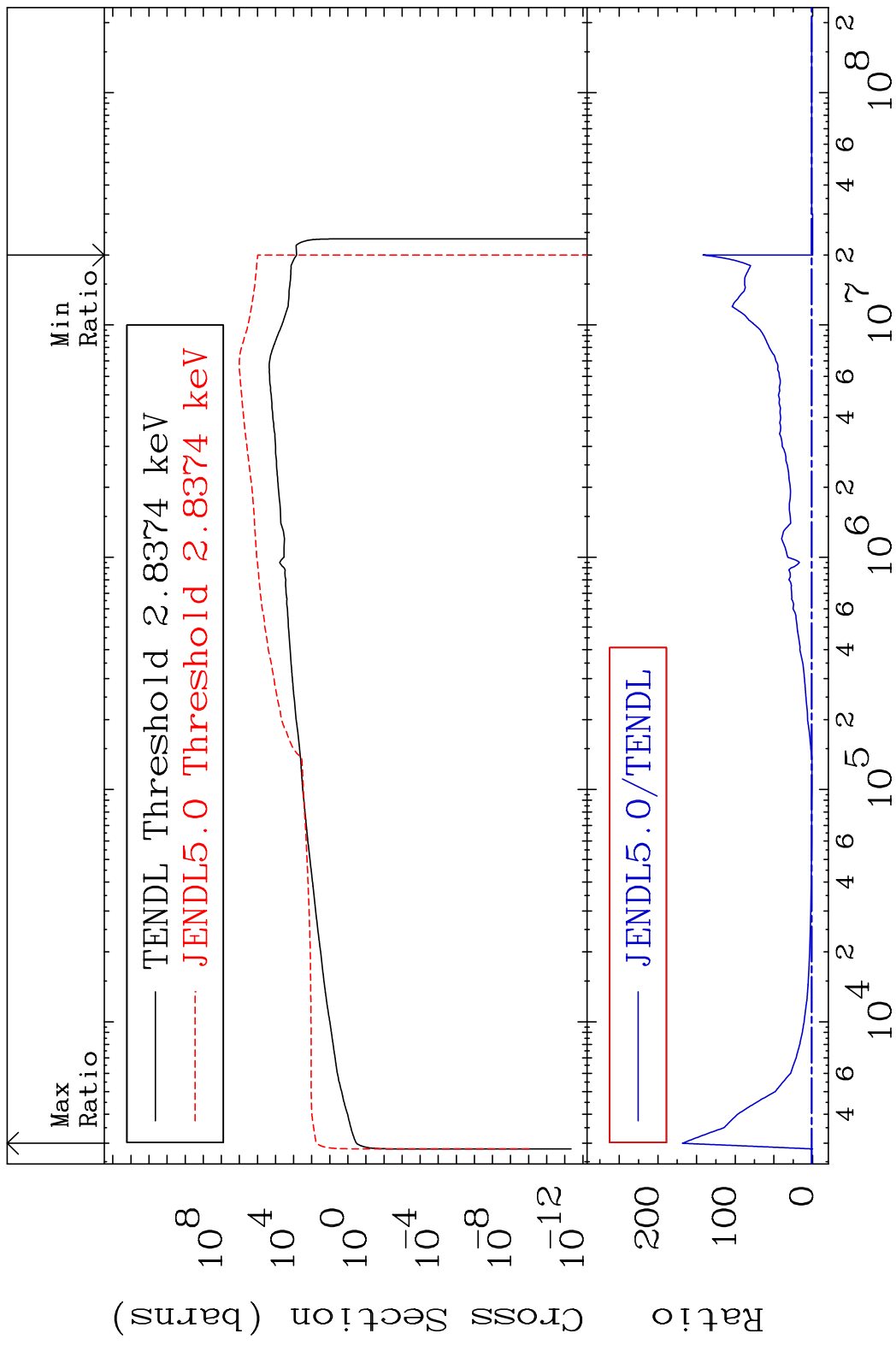
Incident Energy (eV)

44-Ru-103

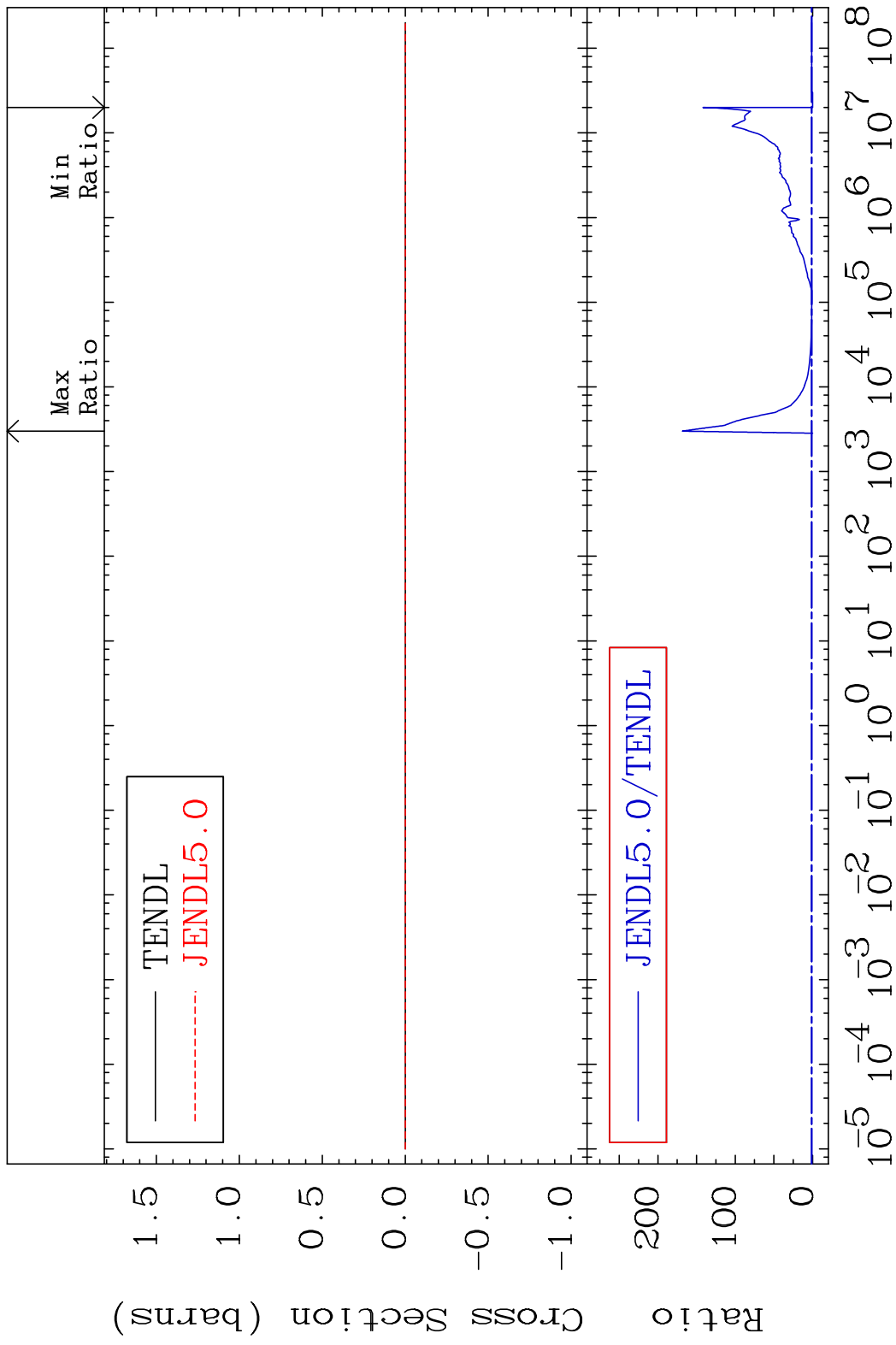
MAT 4446 Kerma non-elastic (all but mt2) 44-Ru-103
 Cross Section -9999. To 9999. %



MAT 4446 Kerma inelastic (mt51-91) 44-Ru-103
 Cross Section -100.0 To 9999. %



MAT 4446 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-103
 Cross Section -100.0 To 9999. %

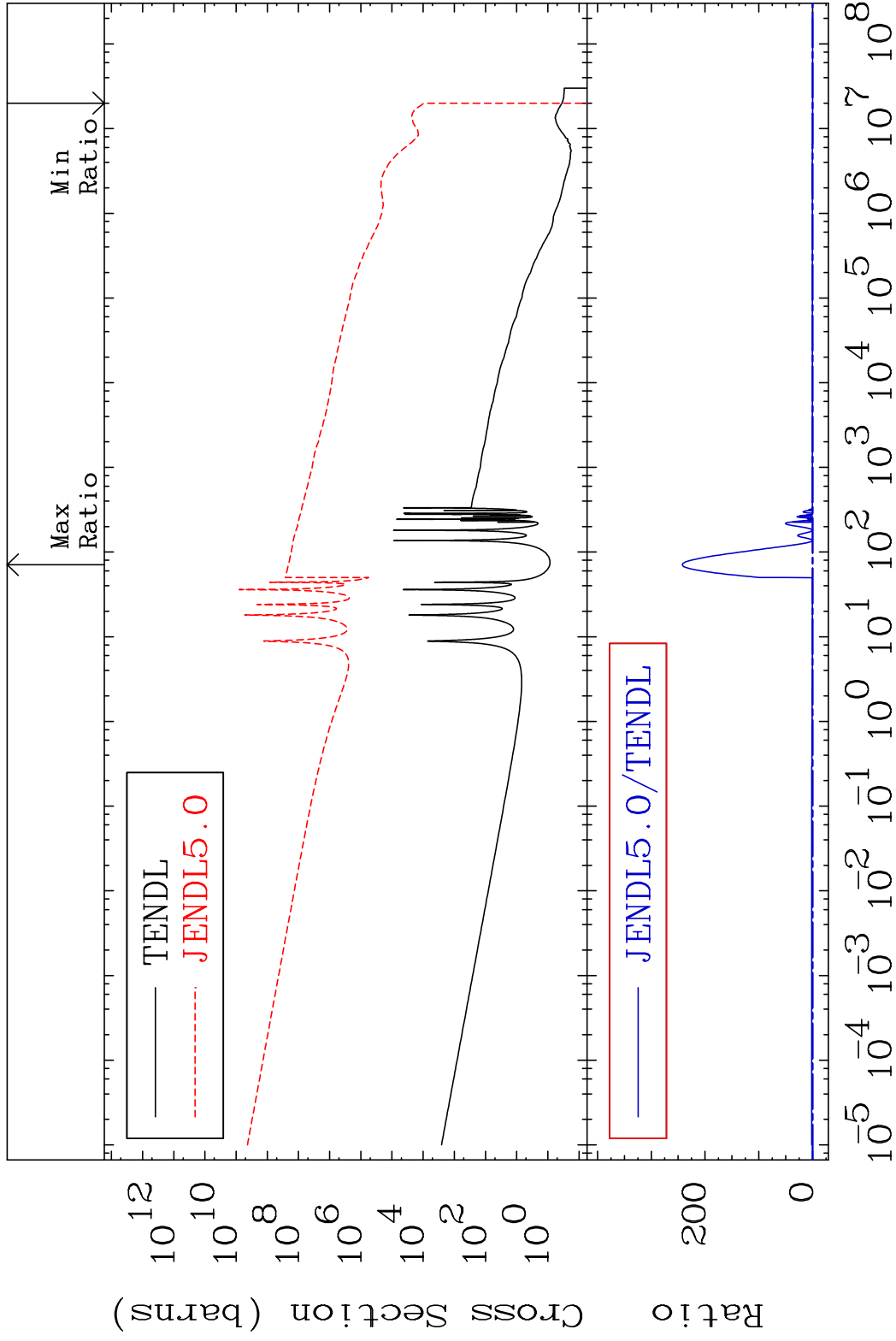


MAT 4446

Kerma capture (mt102)

44-Ru-103

Cross Section -100.0 To 9999. %

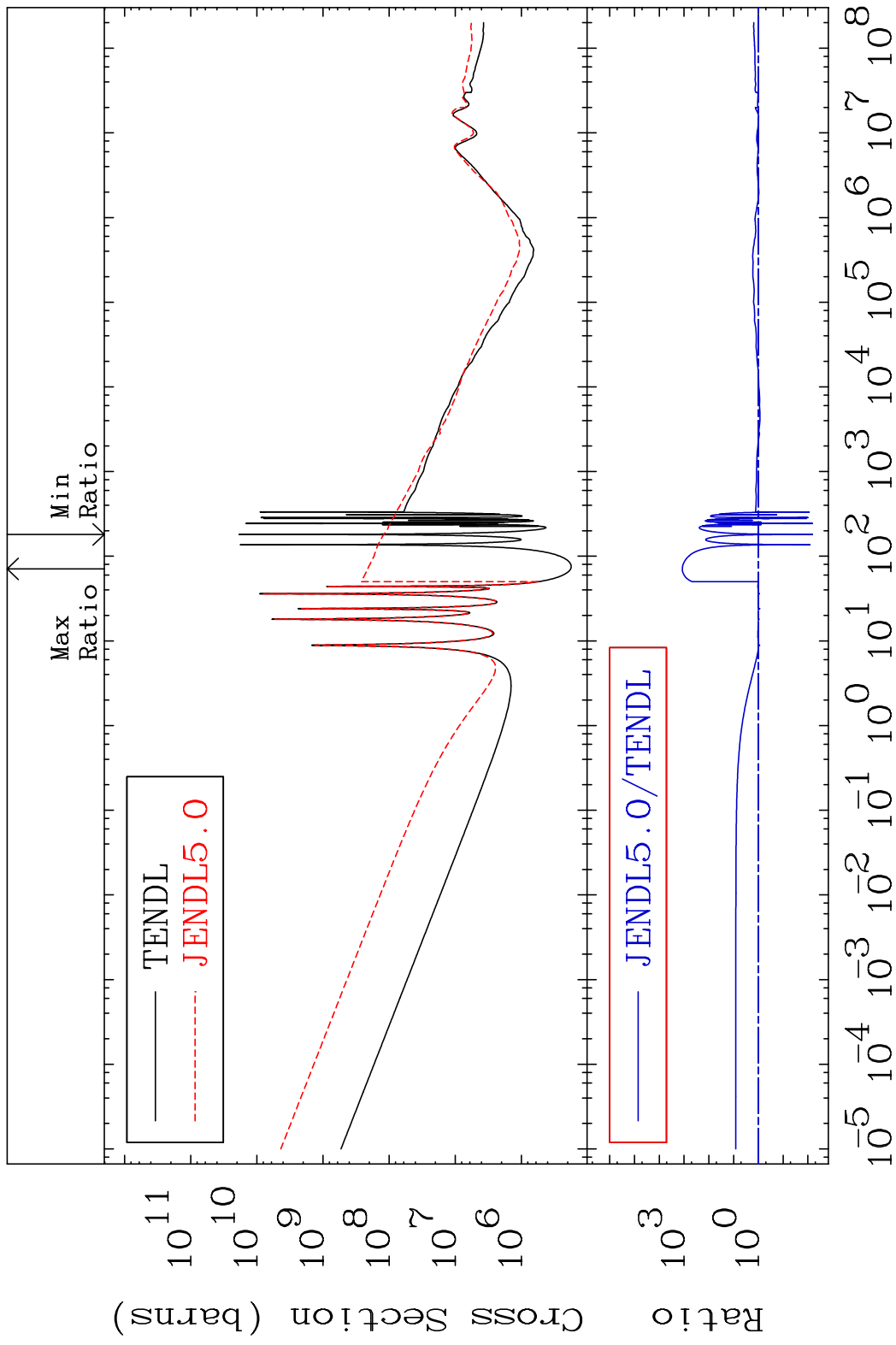


57

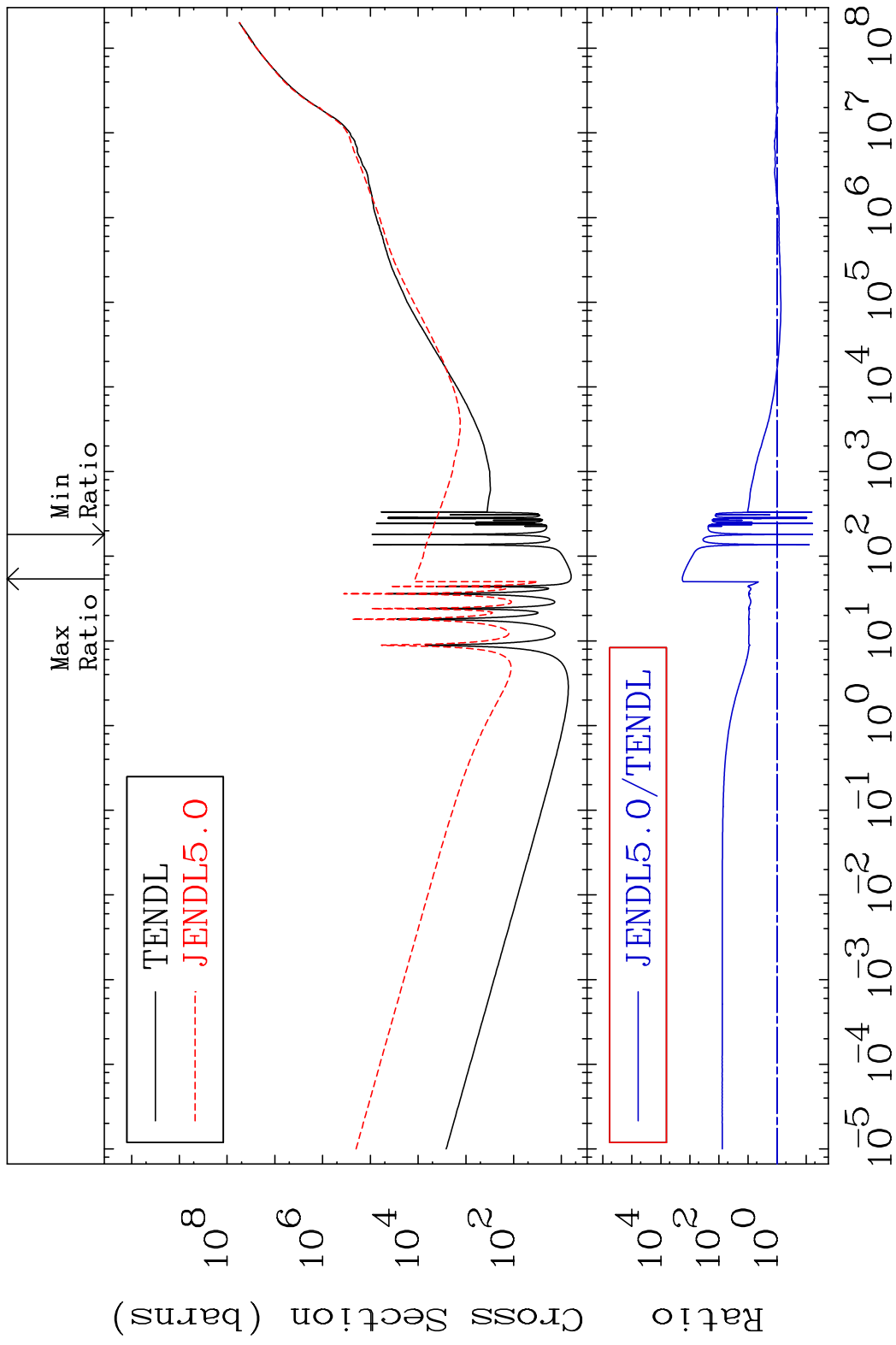
Incident Energy (eV)

44-Ru-103

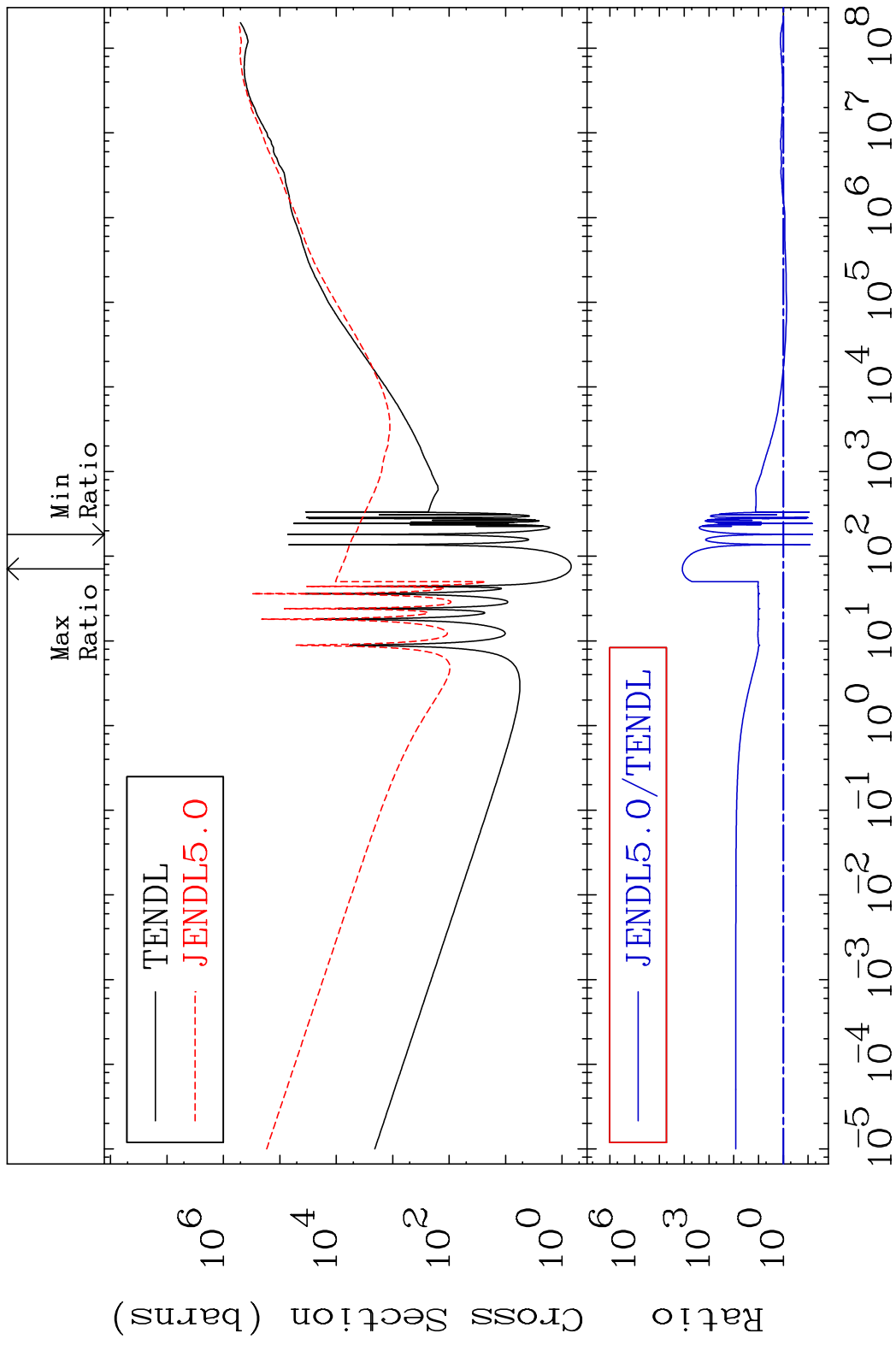
MAT 4446 Total photon (eV-barns) 44-Ru-103
 Cross Section -99.35 To 9999. %



MAT 4446 Total kinematic kerma (high limit) 44-Ru-103
 Cross Section -93.99 To 9999. %

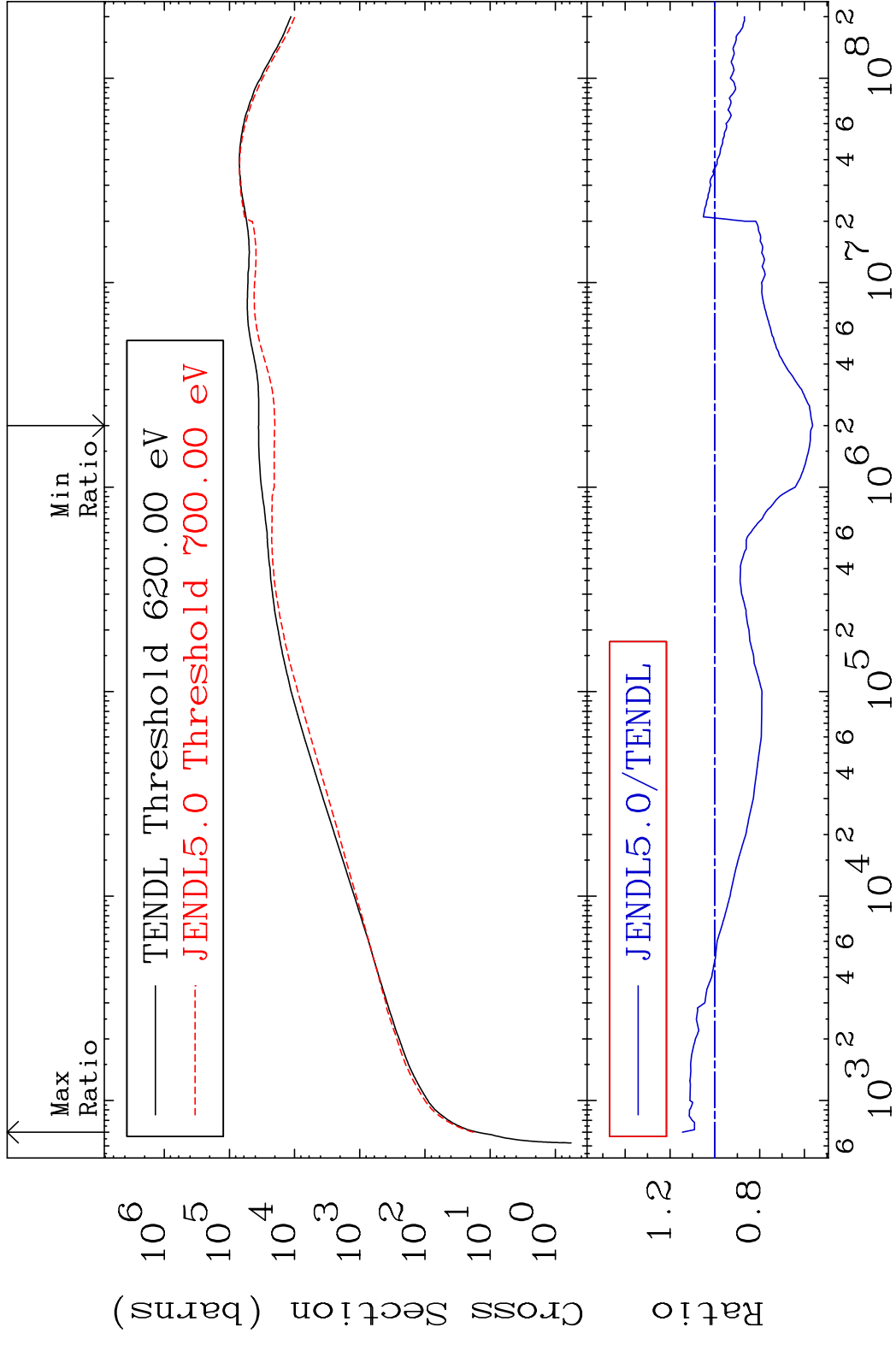


MAT 4446 Dpa total (eV-barns) 44-Ru-103
 Cross Section -93.39 To 9999. %

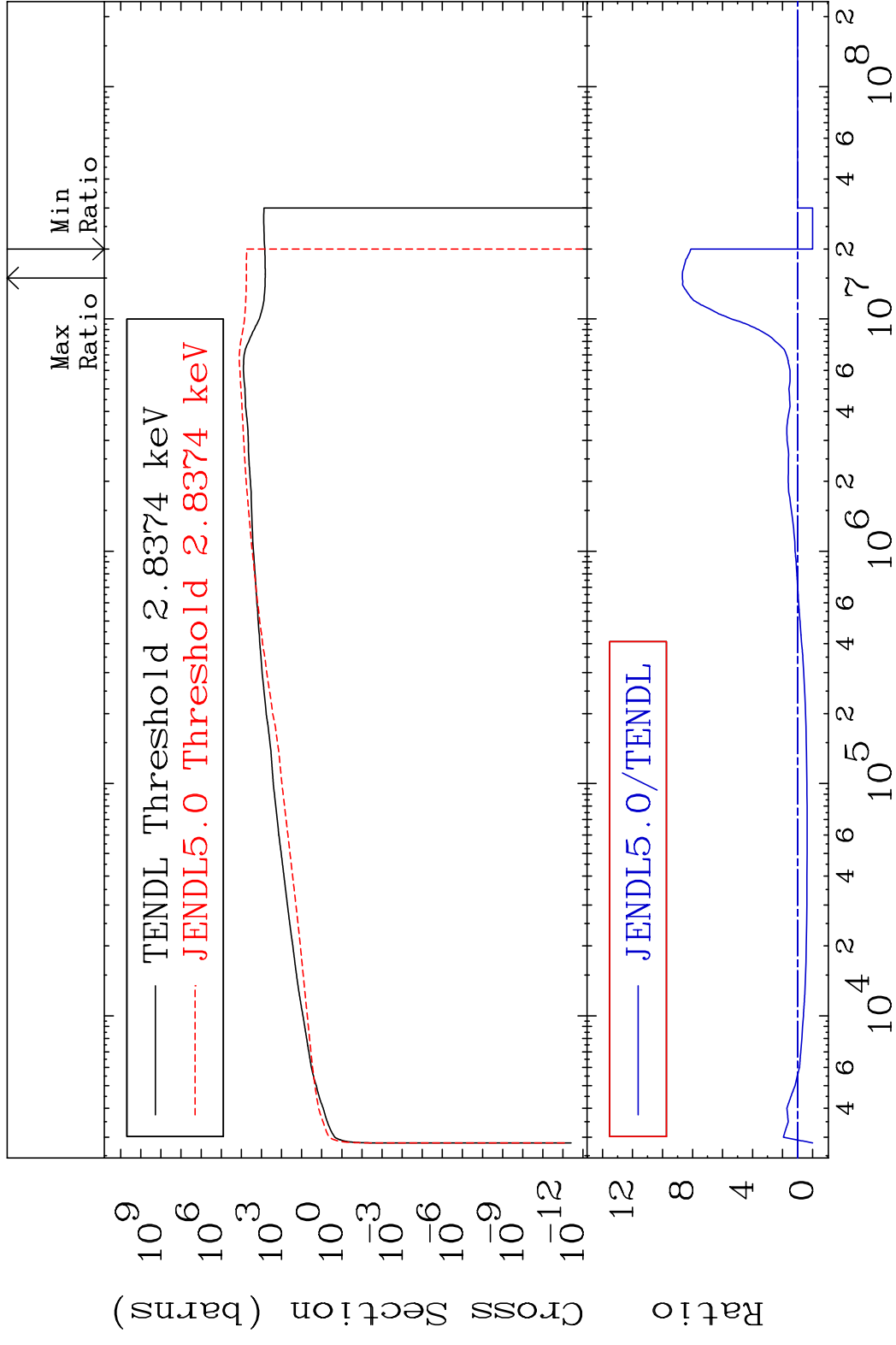


60 Incident Energy (eV) 44-Ru-103

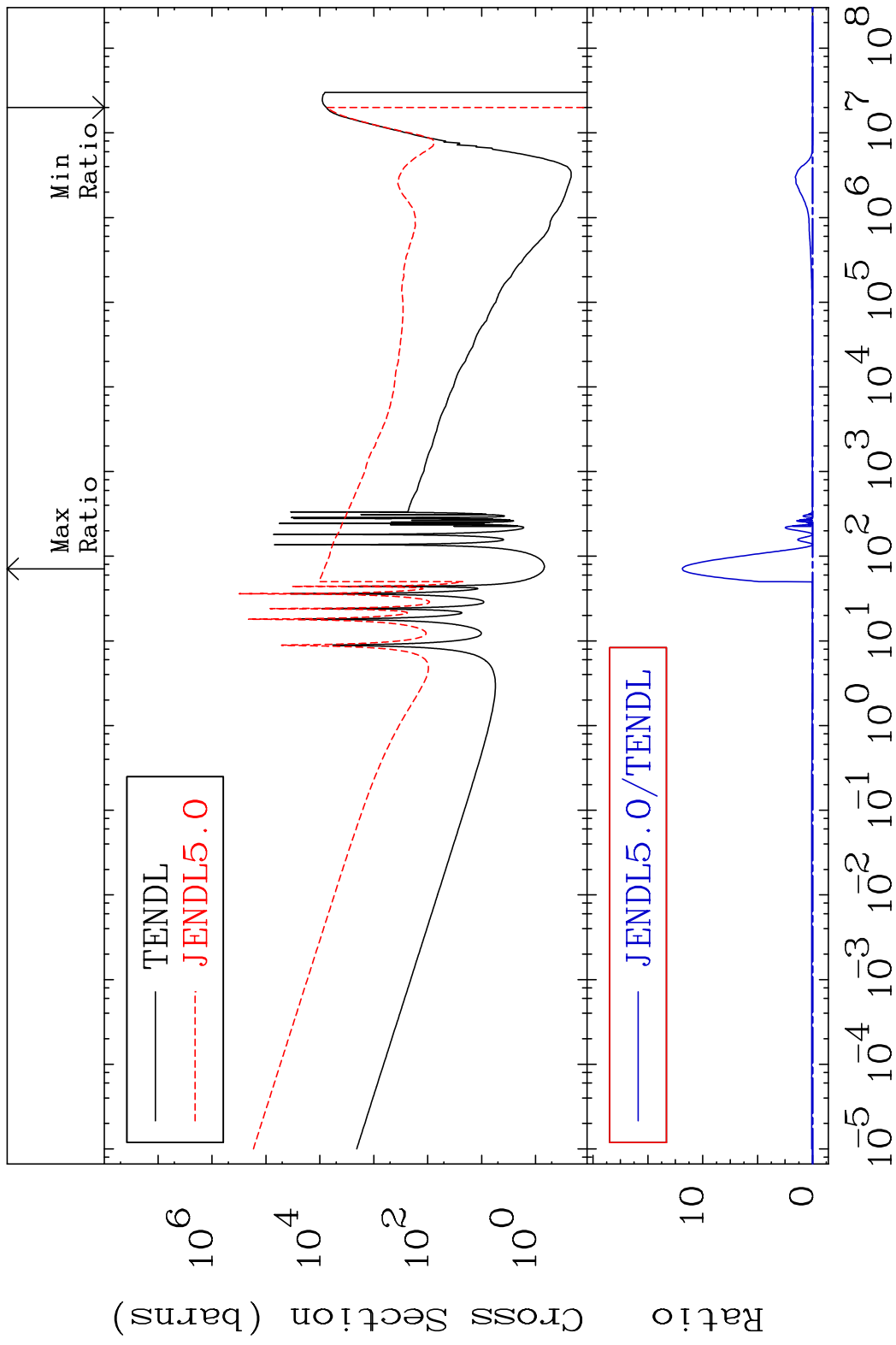
MAT 4446 Dpa elastic (mt2) 44-Ru-103
 Cross Section -43.60 To 14.48 %

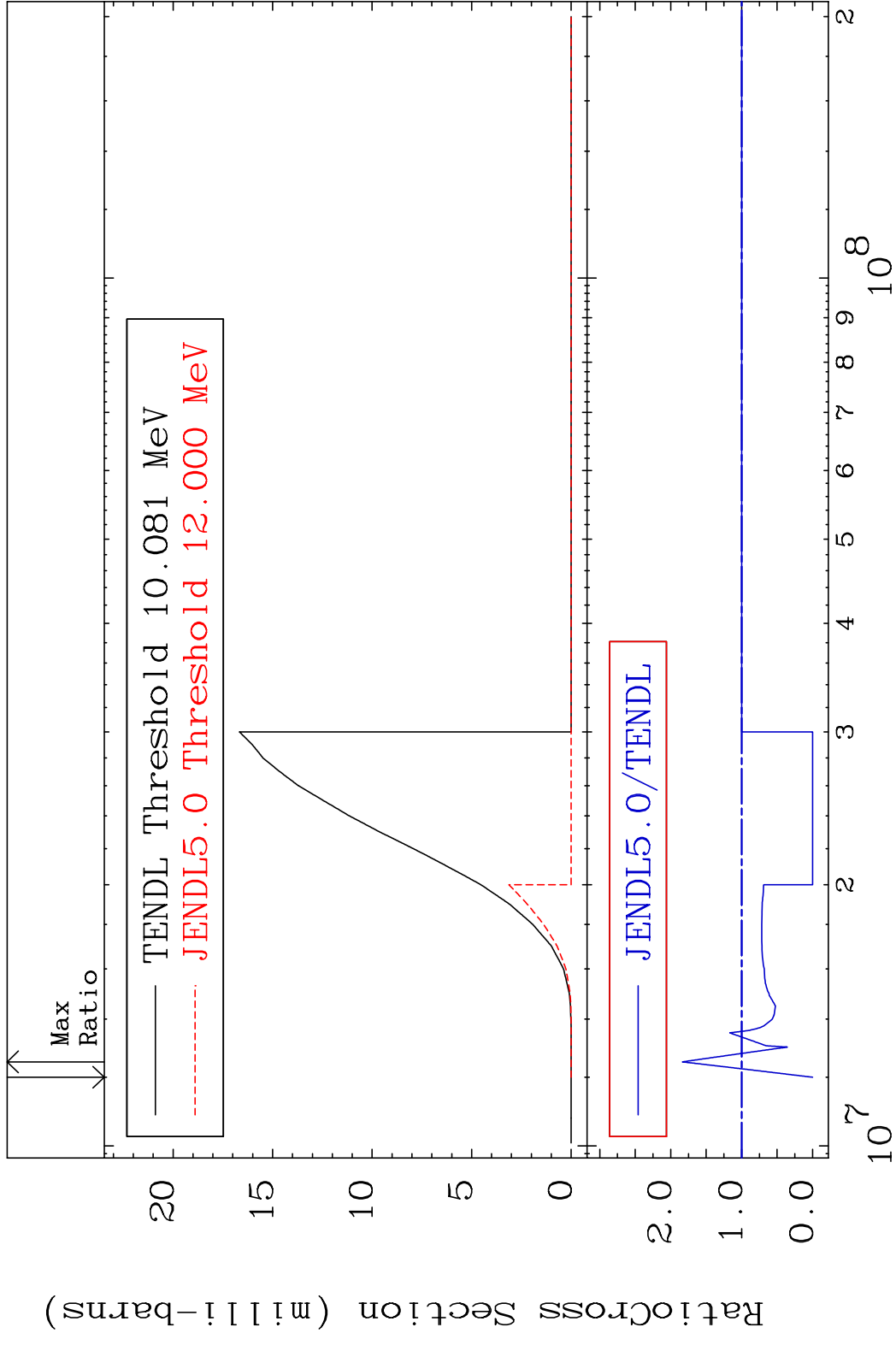


MAT 4446 Dpa inelastic (mt51-91) 44-Ru-103
 Cross Section -100.0 To 767.9 %



MAT 4446 Dpa disappearance (mt102 -120) 44-Ru-103
 Cross Section -100.0 To 9999. %





MAT 4446 (n,d):43-Tc-102g 44-Ru-103
 Radionuclide Production Cross Section (%) 9999. %

