

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

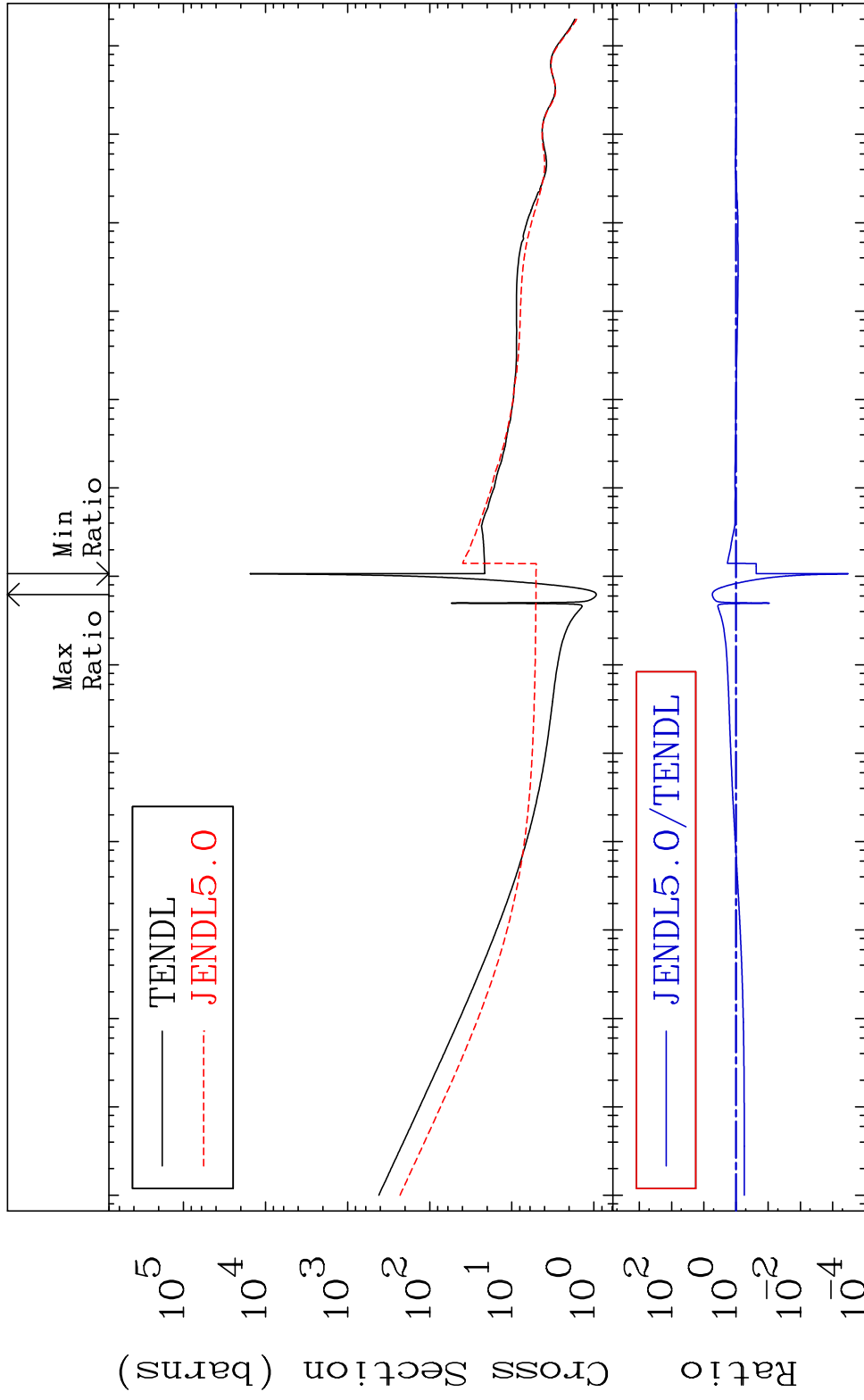
MAT 4431

Total

44-Ru-98

Cross Section

-99.97 To 443.1 %



1

Incident Energy (eV)

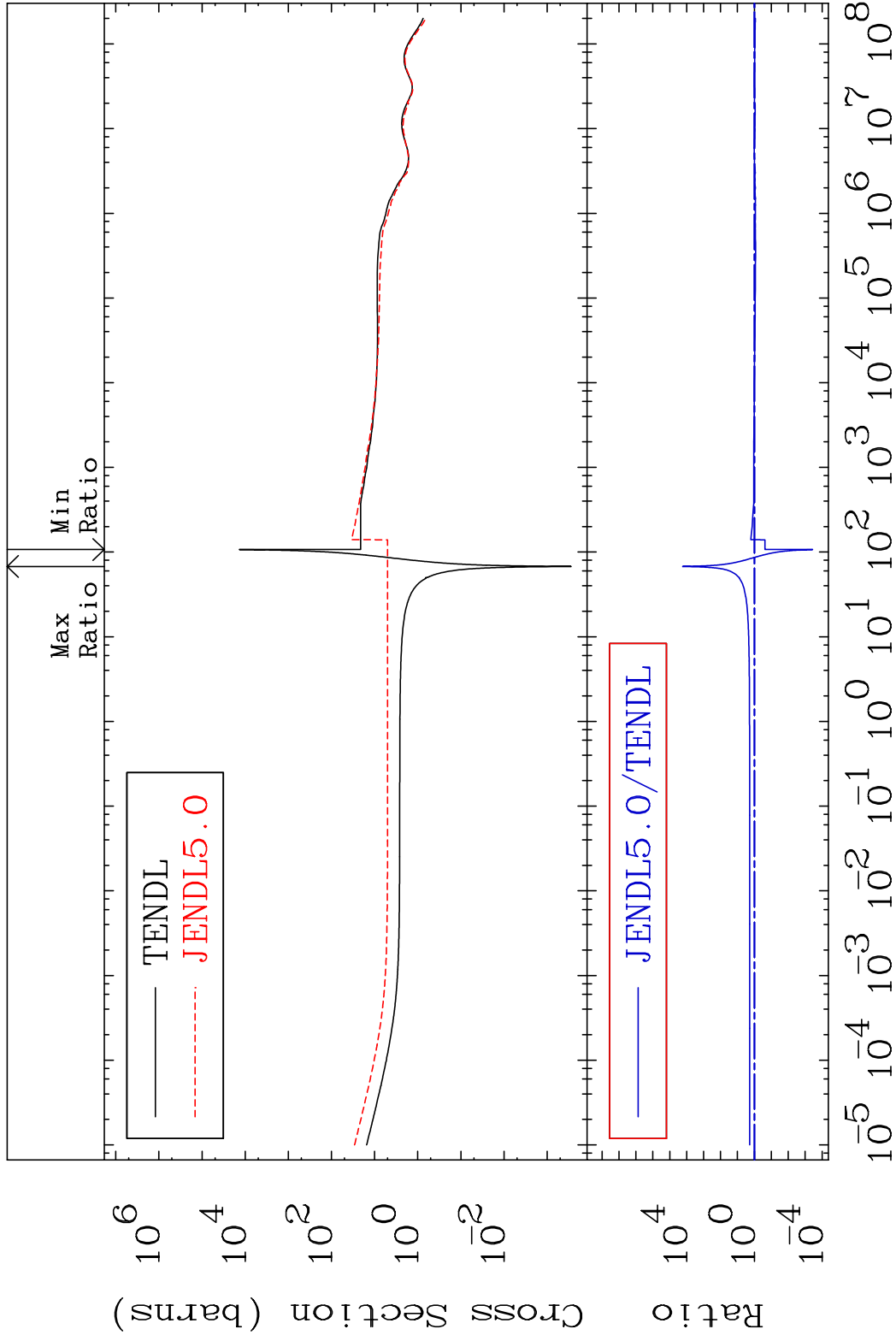
44-Ru-98

MAT 4431

Elastic

44-Ru-98

Cross Section -99.96 To 9999. %



2

Incident Energy (eV)

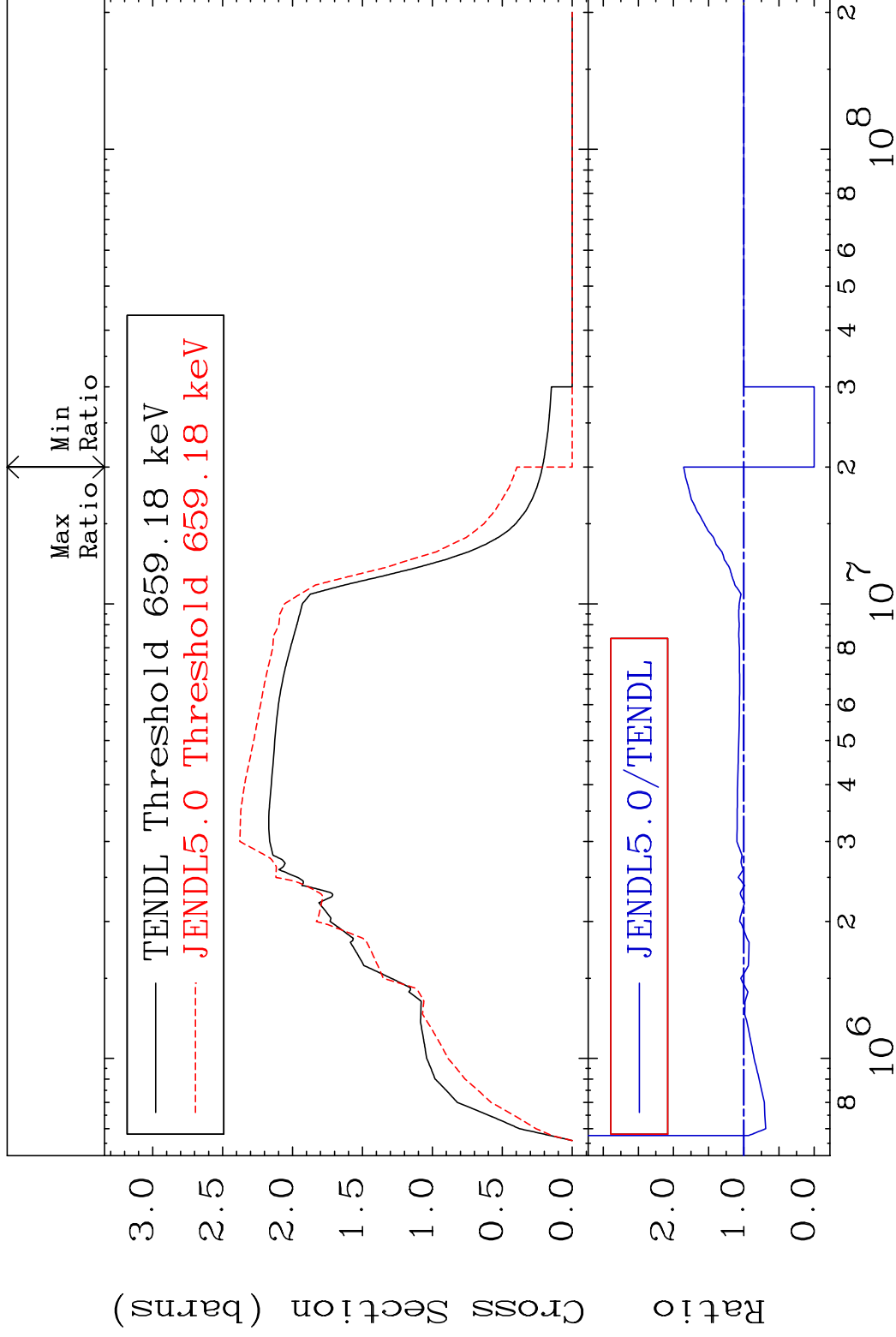
44-Ru-98

MAT 4431

Inelastic

44-Ru-98

Cross Section -100.0 To 85.55 %

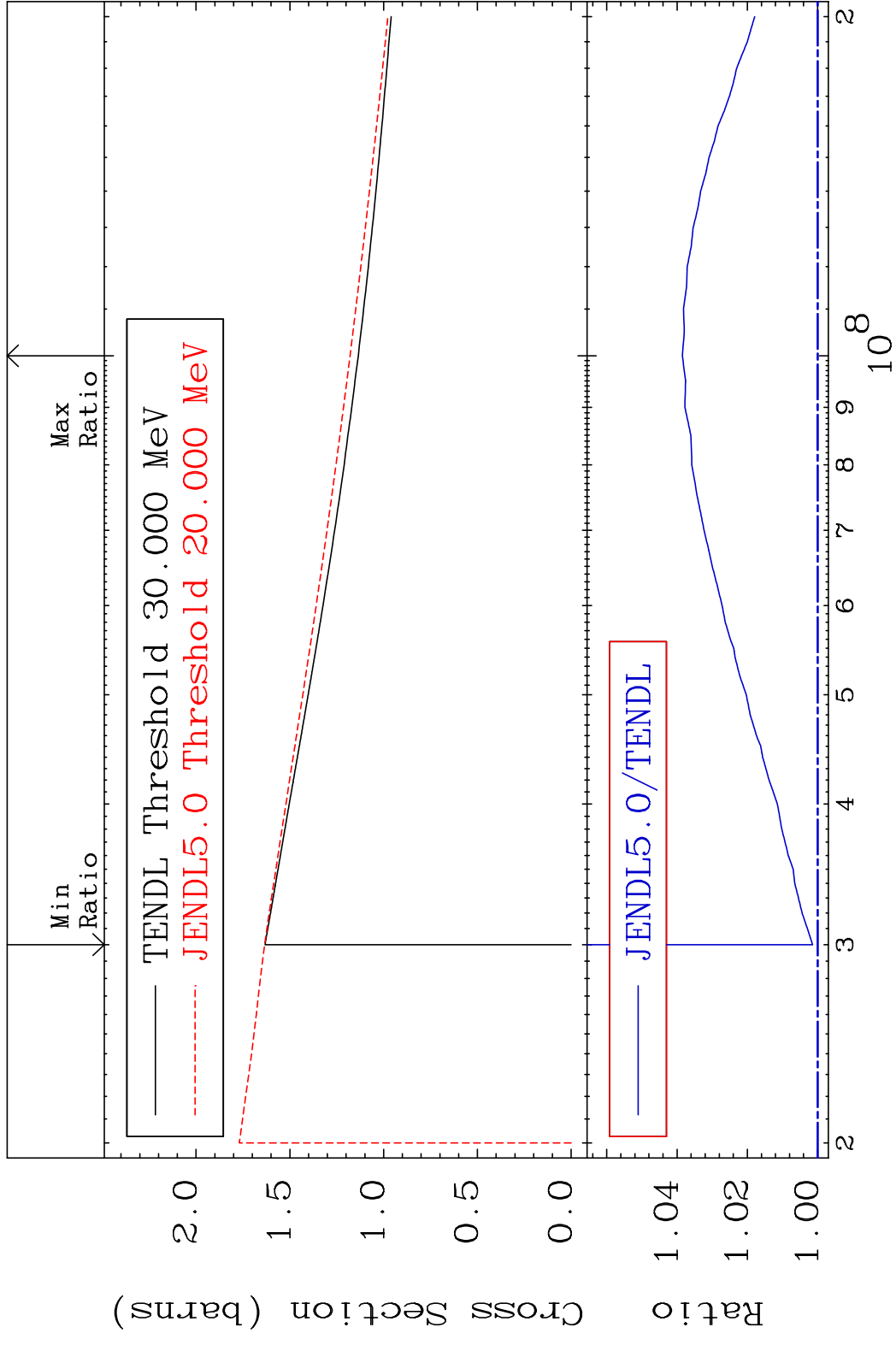


3

Incident Energy (eV)

44-Ru-98

MAT 4431 (n, remainder) 44-Ru-98  
 Cross Section 0.145 To 3.849 %



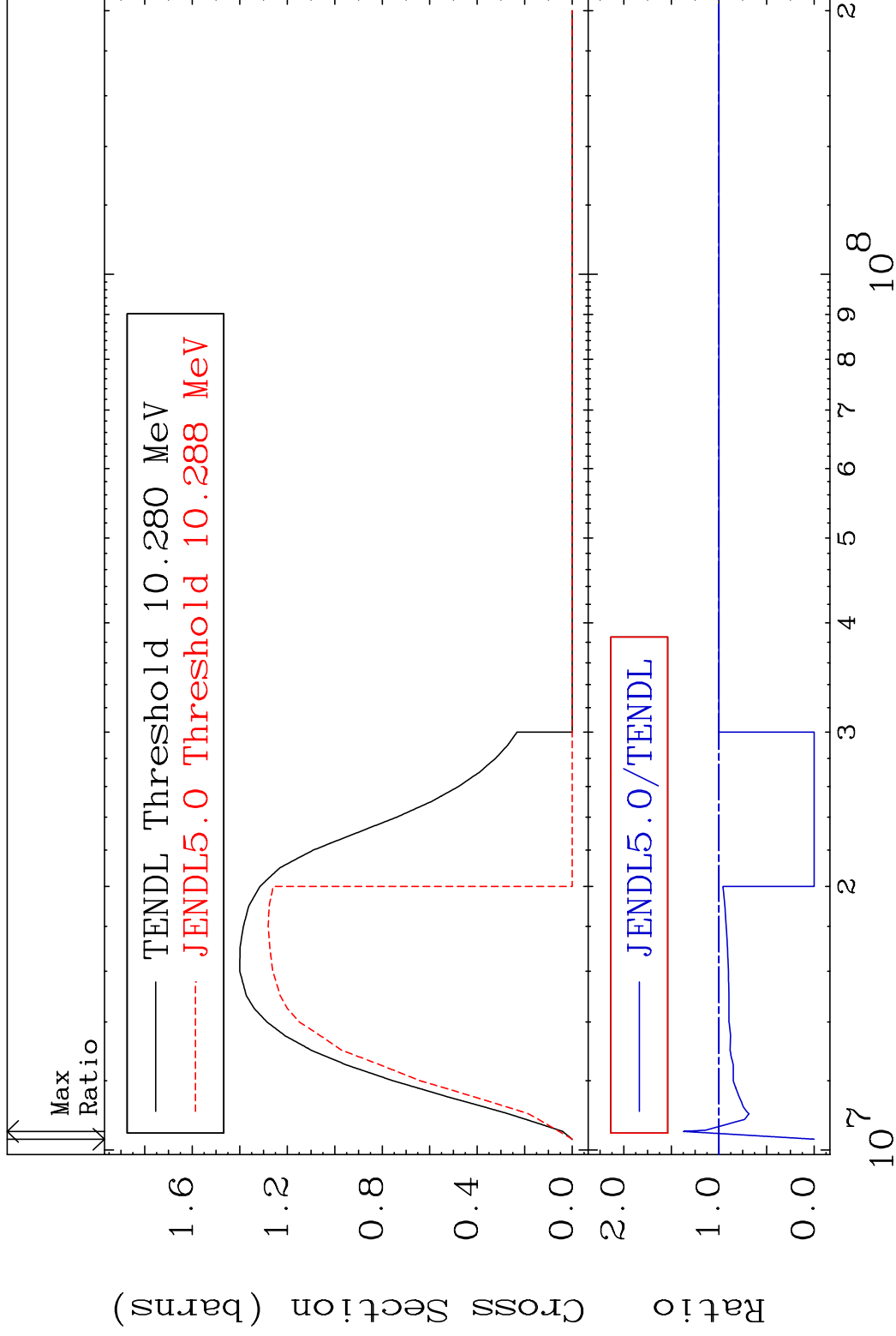
4 Incident Energy (eV) 44-Ru-98

MAT 4431

(n,2n)

44-Ru-98

Cross Section -100.0 To 37.08 %



5

Incident Energy (eV)

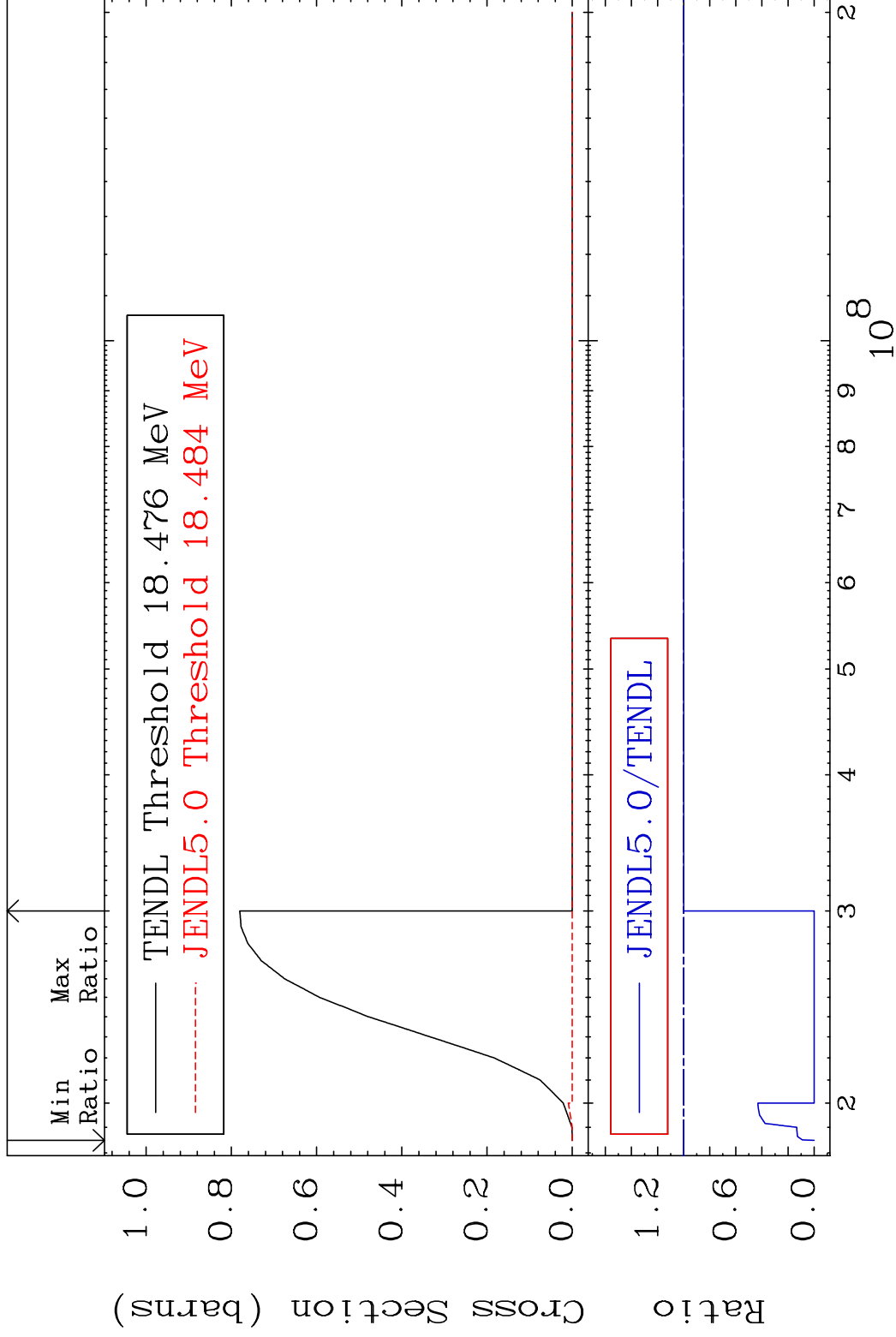
44-Ru-98

MAT 4431

(n,3n)

44-Ru-98

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

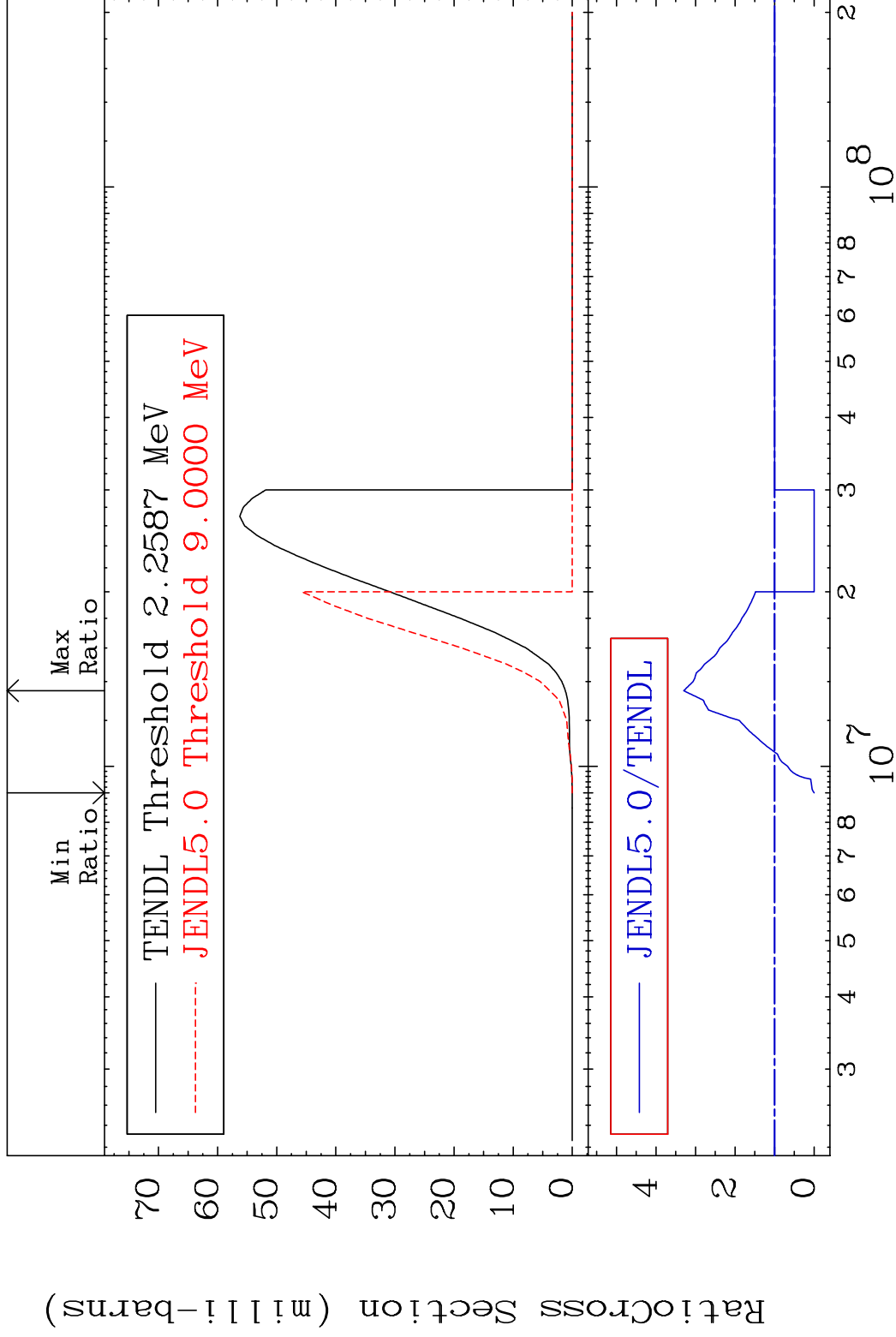
44-Ru-98

MAT 4431

(n, n')  $\alpha$

44-Ru-98

Cross Section -100.0 To 230.0 %

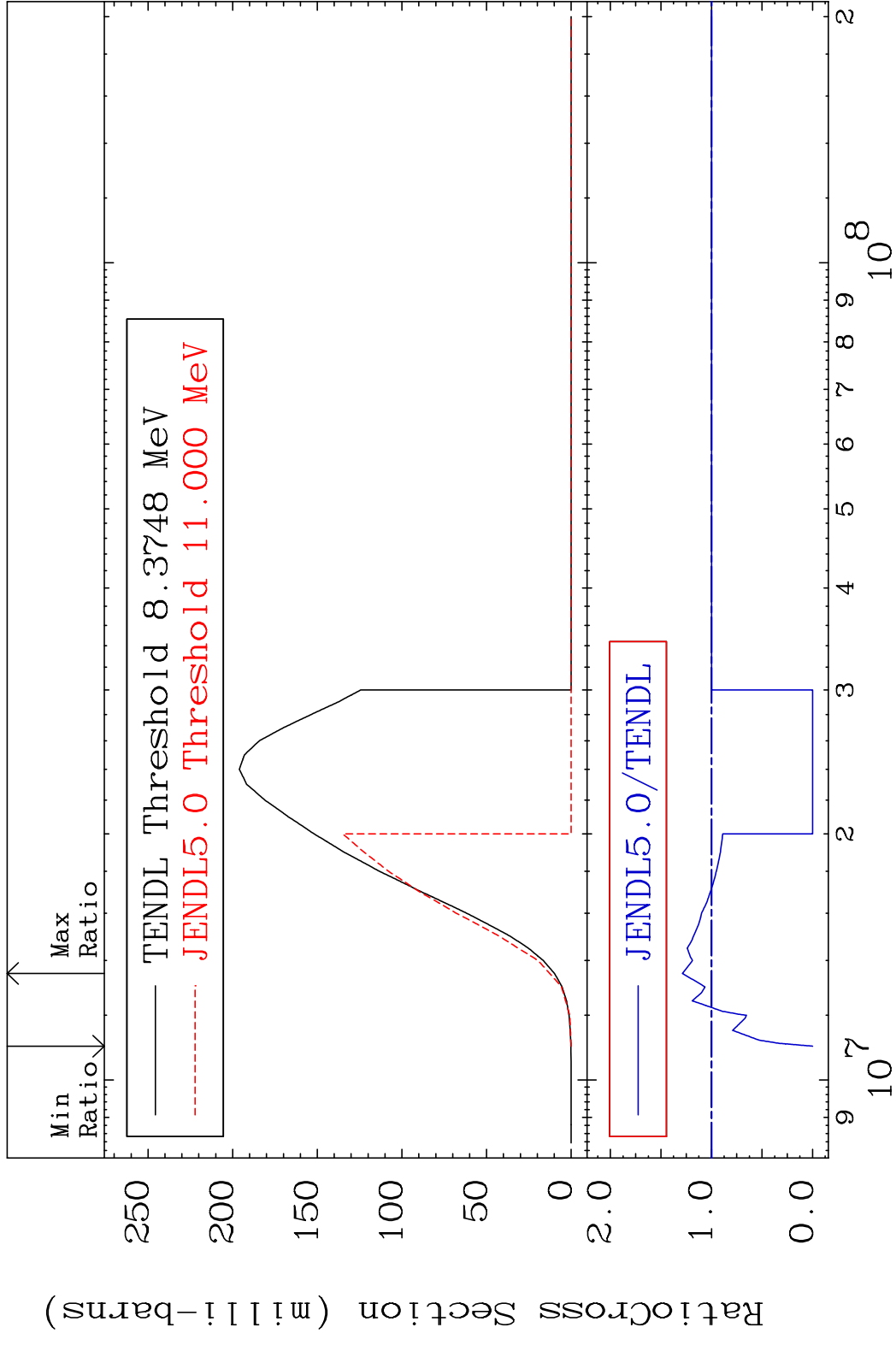


7

Incident Energy (eV)

44-Ru-98

MAT 4431 (n, n') p 44-Ru-98  
 Cross Section -100.0 To 28.84 %



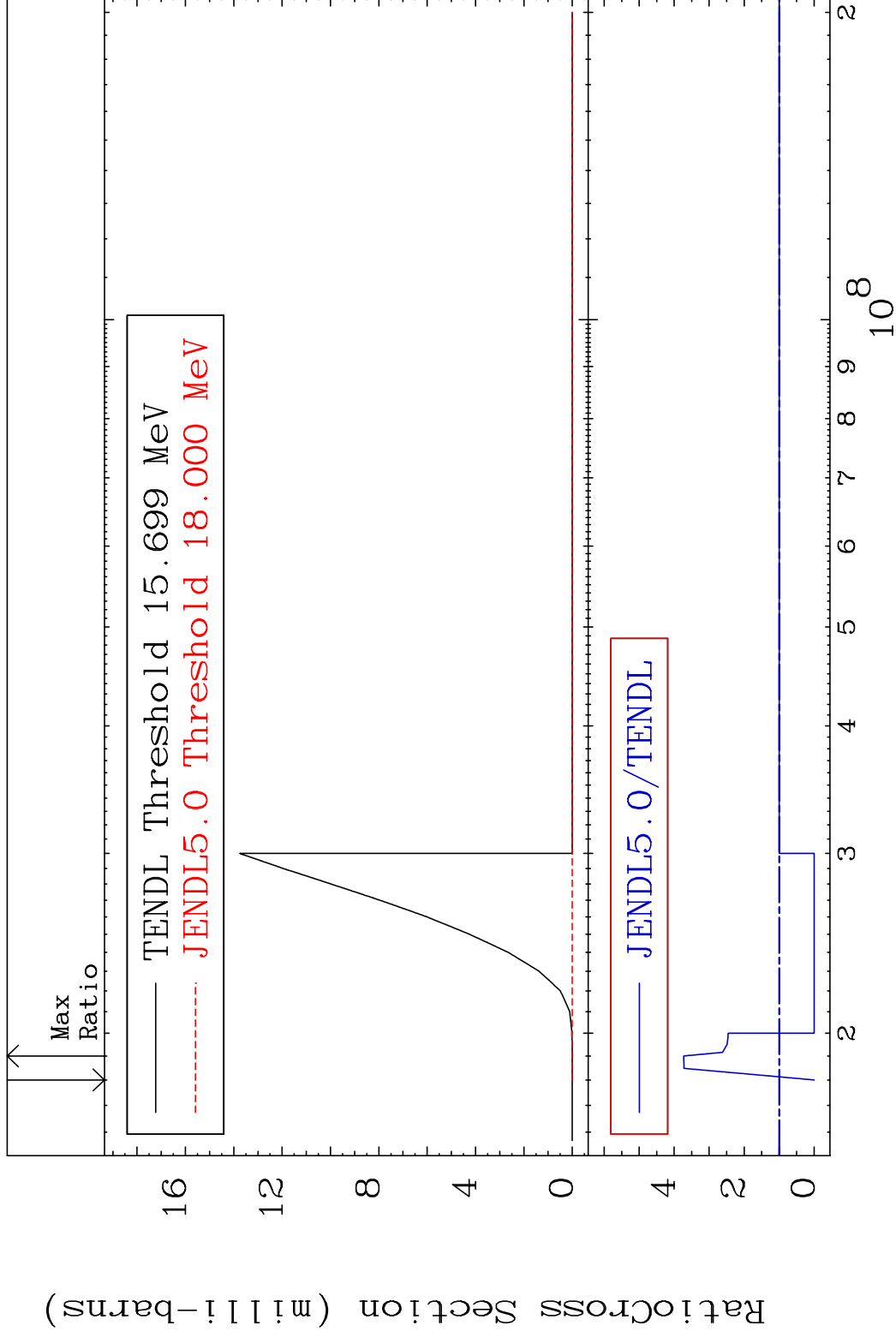
8 8 44-Ru-98

MAT 4431

(n, n') d

44-Ru-98

Cross Section -100.0 To 272.9 %

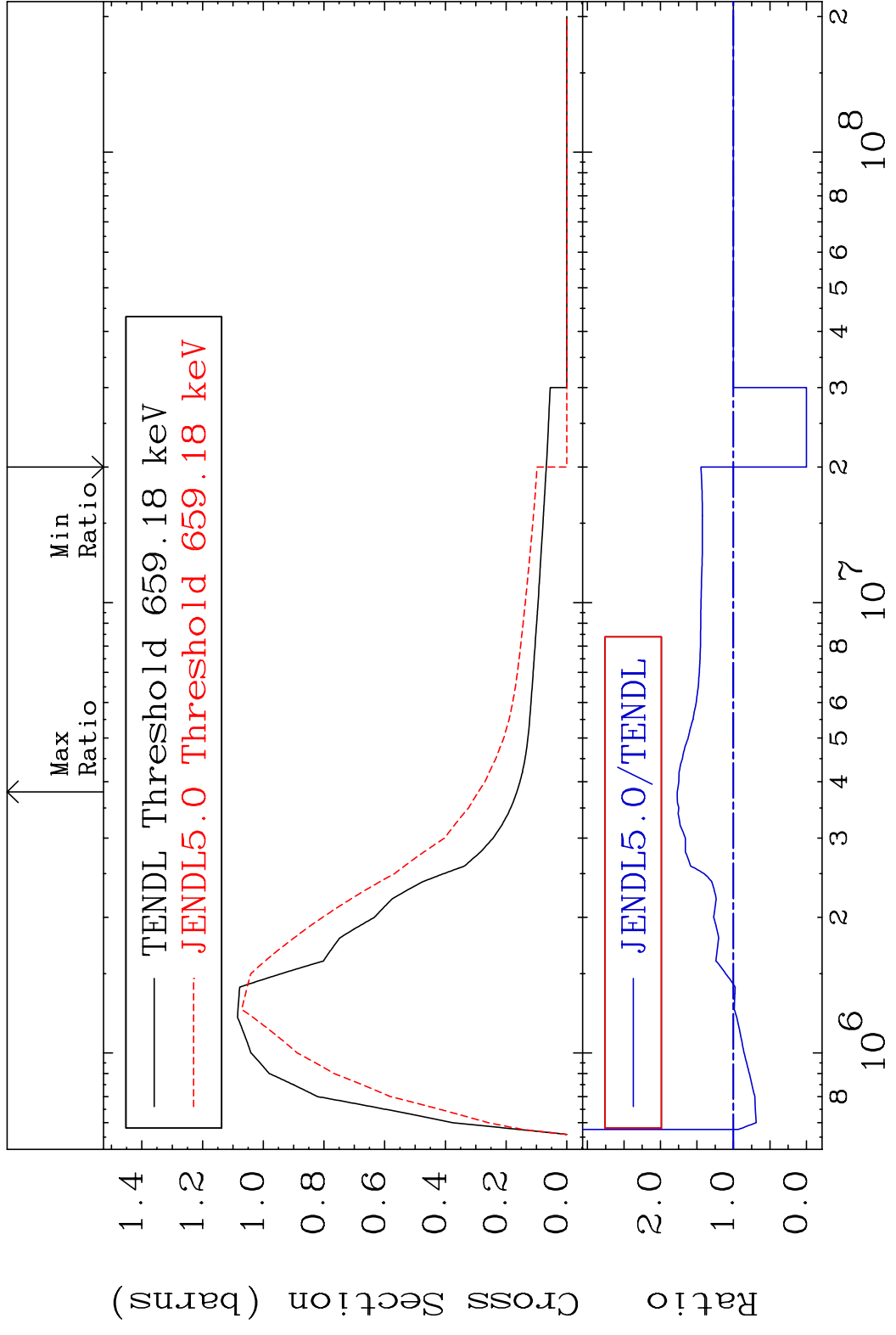


9

Incident Energy (eV)

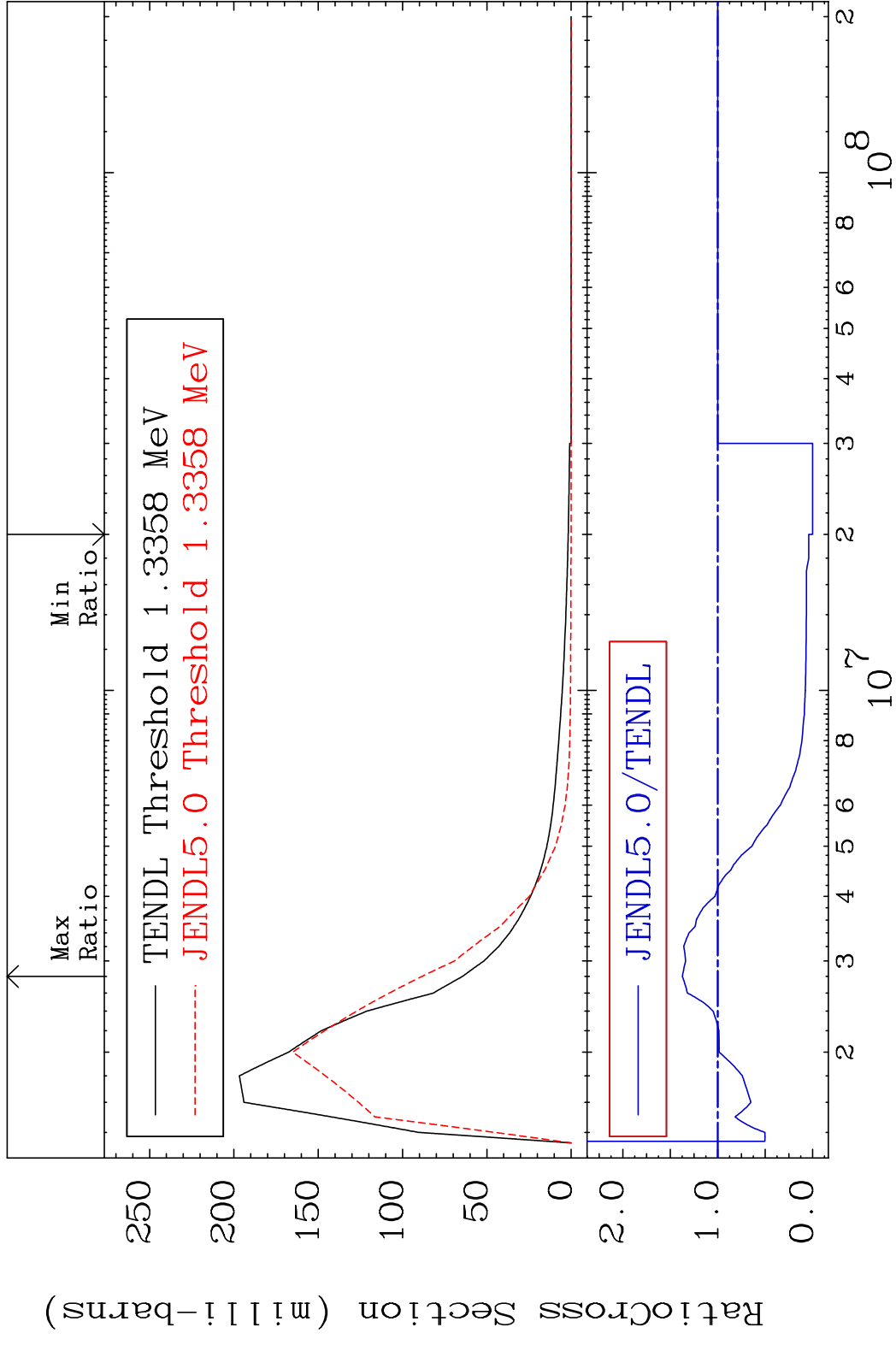
44-Ru-98

MAT 4431 MT= 51 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 77.04 %

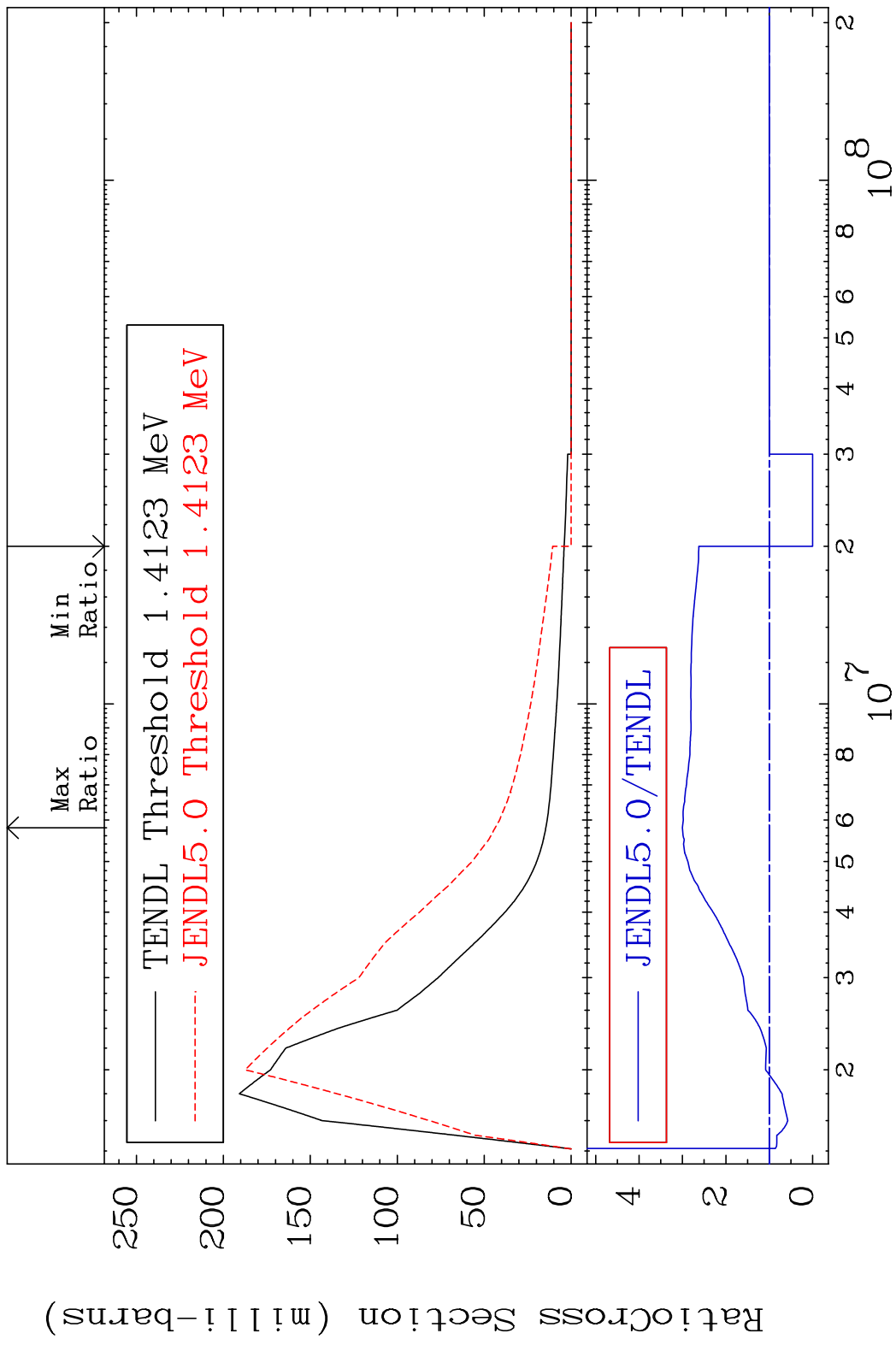


10 Incident Energy (eV) 44-Ru-98

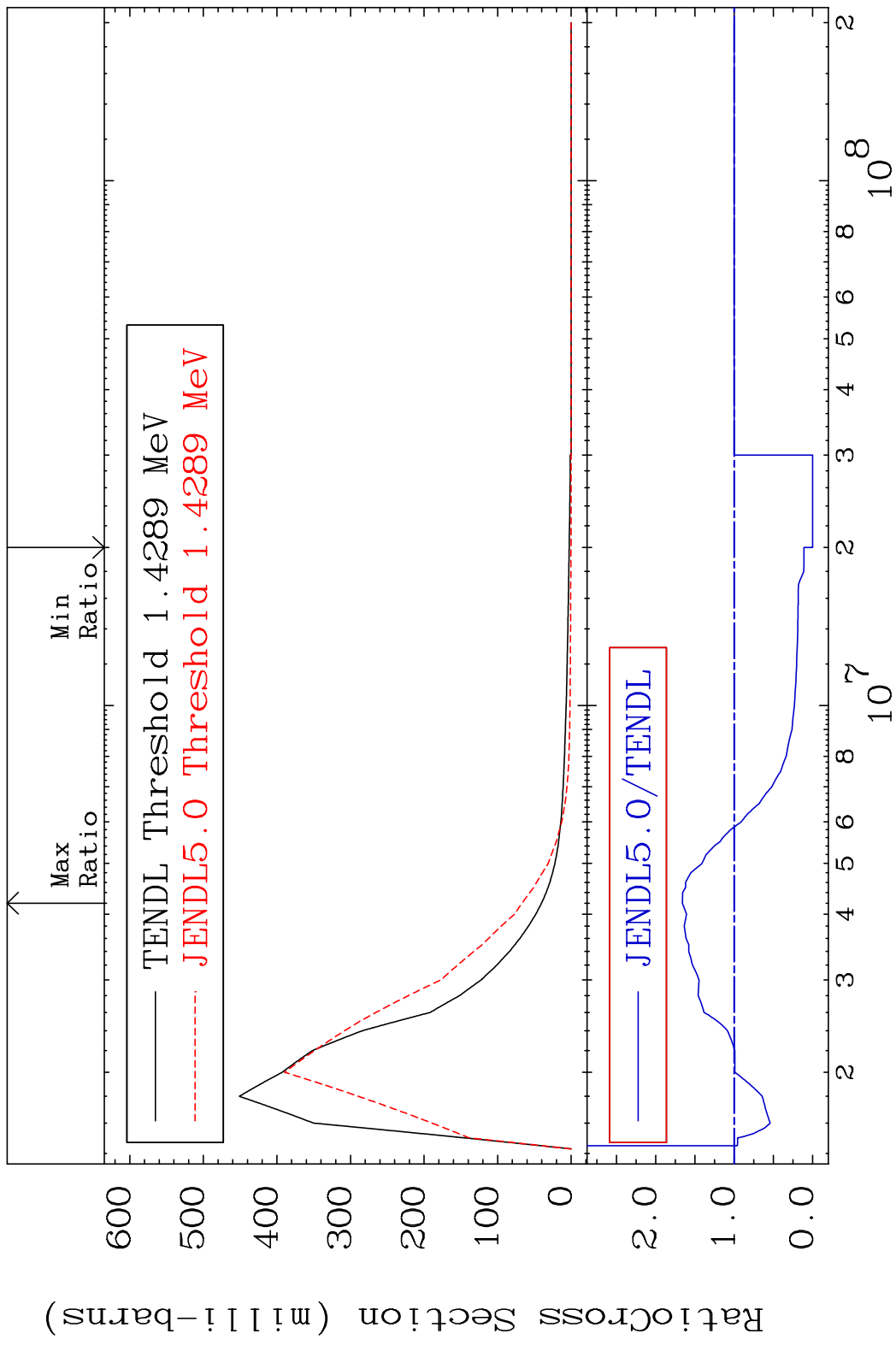
MAT 4431 MT= 52 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 37.28 %



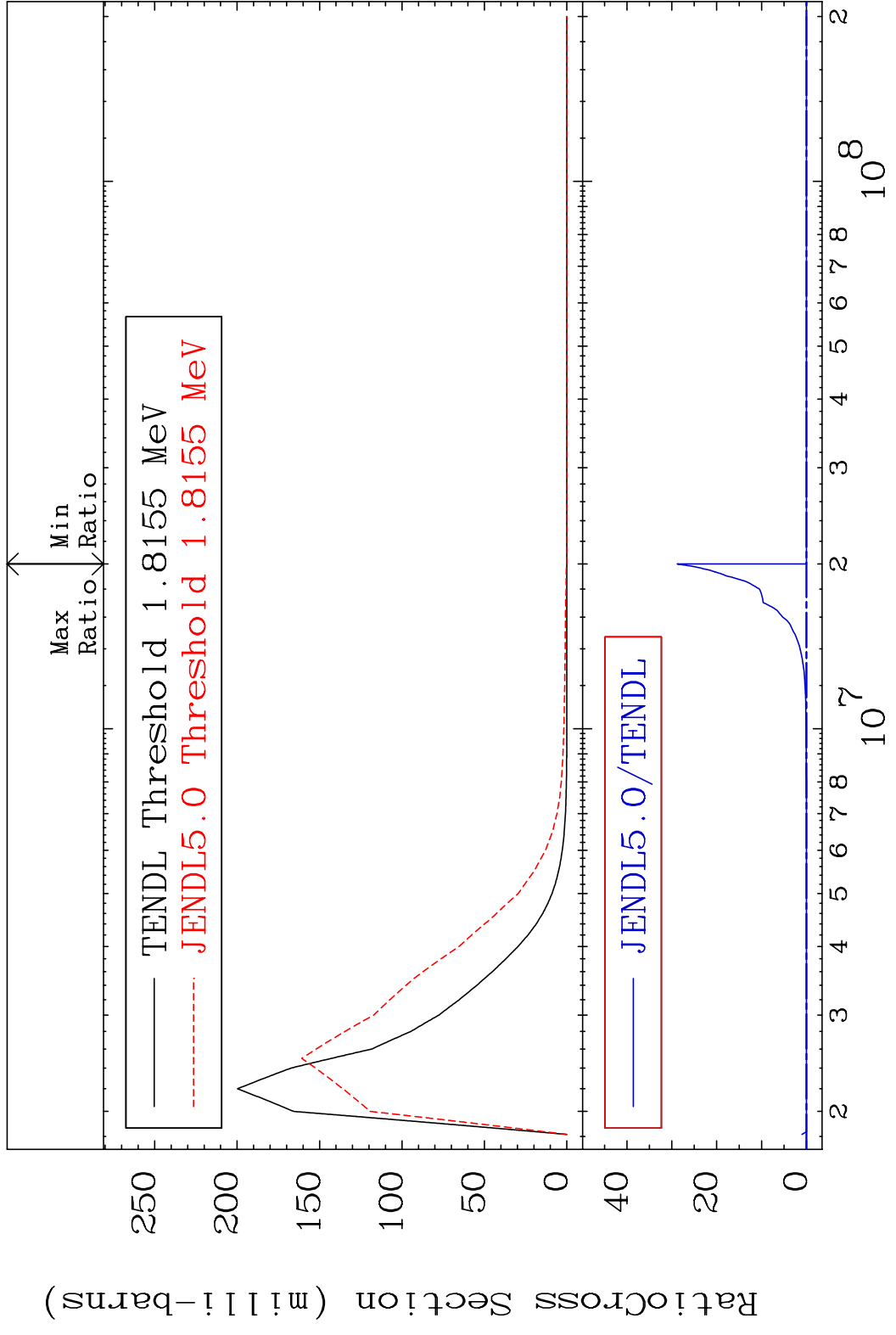
MAT 4431 MT= 53 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 200.3 %



MAT 4431 MT= 54 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 65.95 %

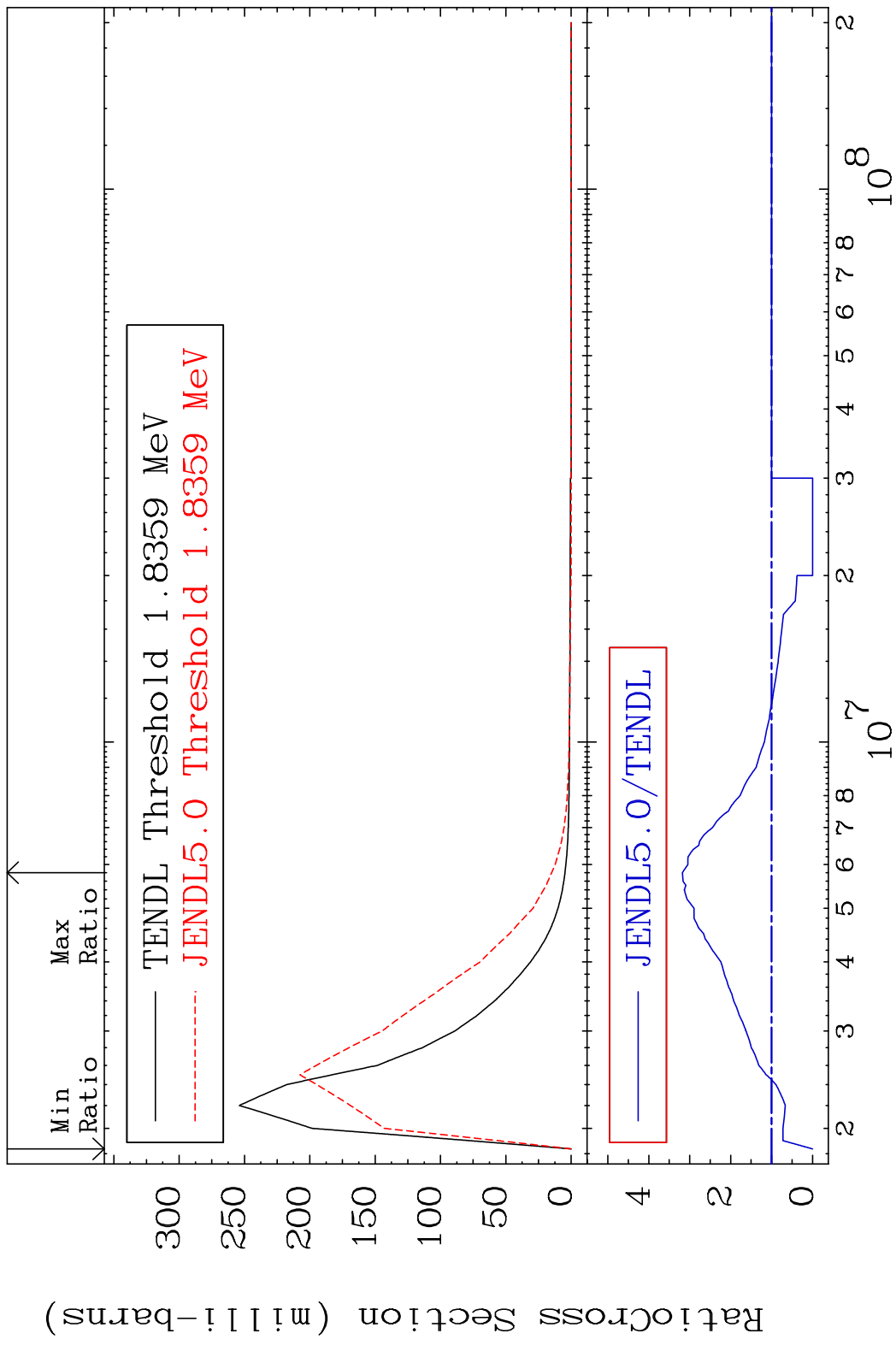


MAT 4431 MT= 55 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %

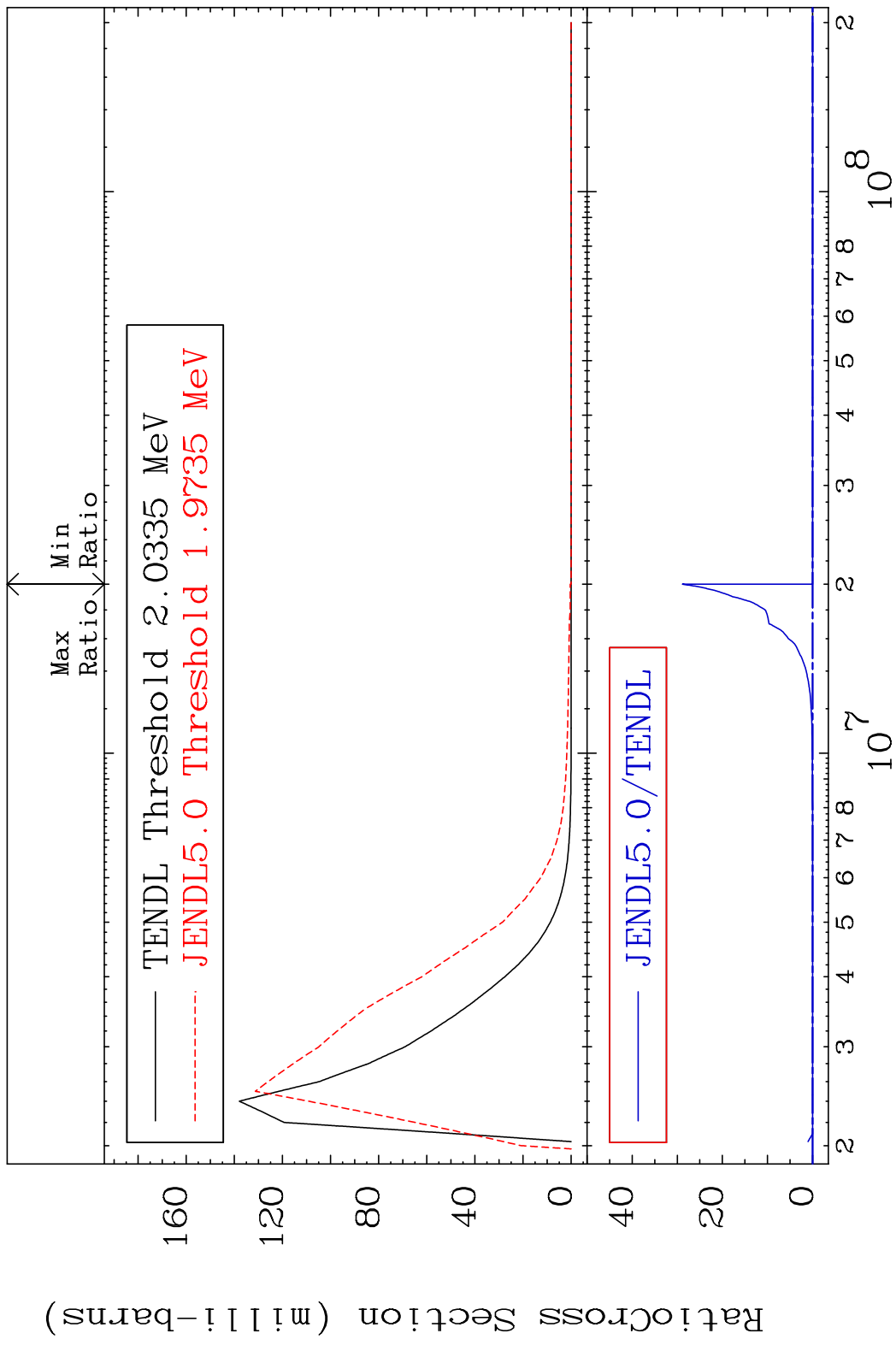


14 44-Ru-98

MAT 4431 MT= 56 (n,n') Level 44-Ru-98  
 Cross Section -100.0 To 218.0 %

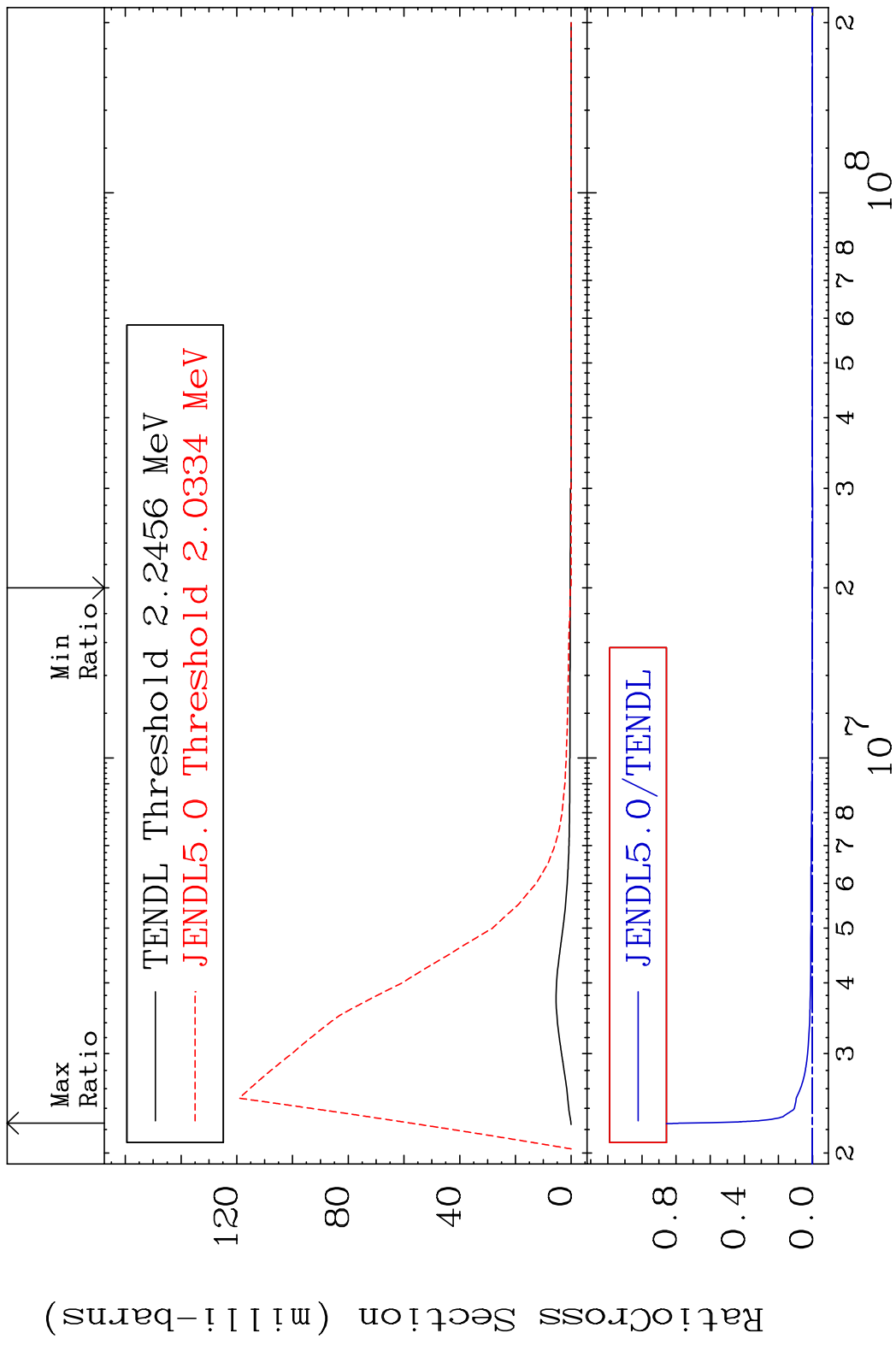


MAT 4431 MT= 57 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %



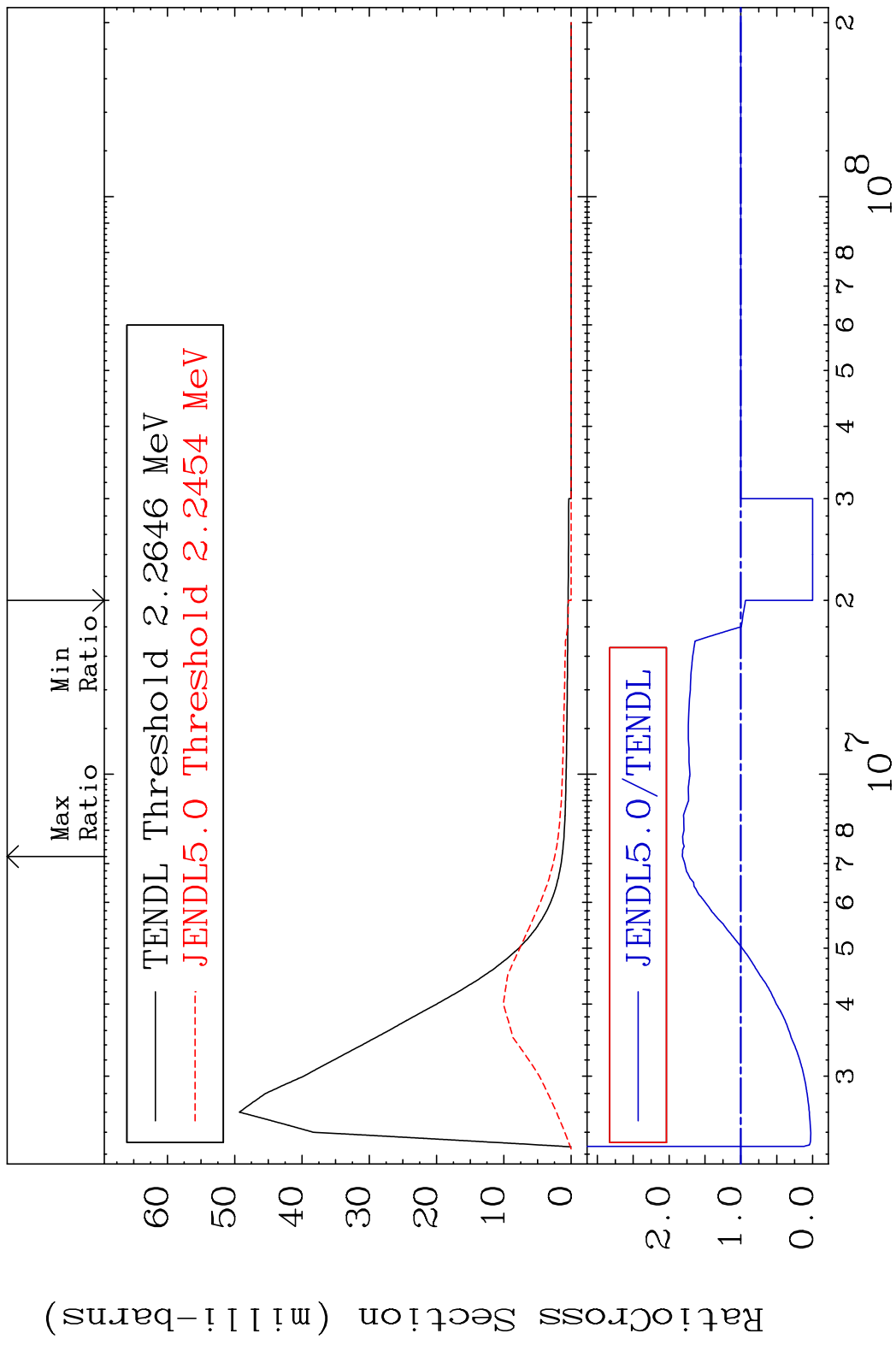
16 Incident Energy (eV) 44-Ru-98

MAT 4431 MT= 58 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %

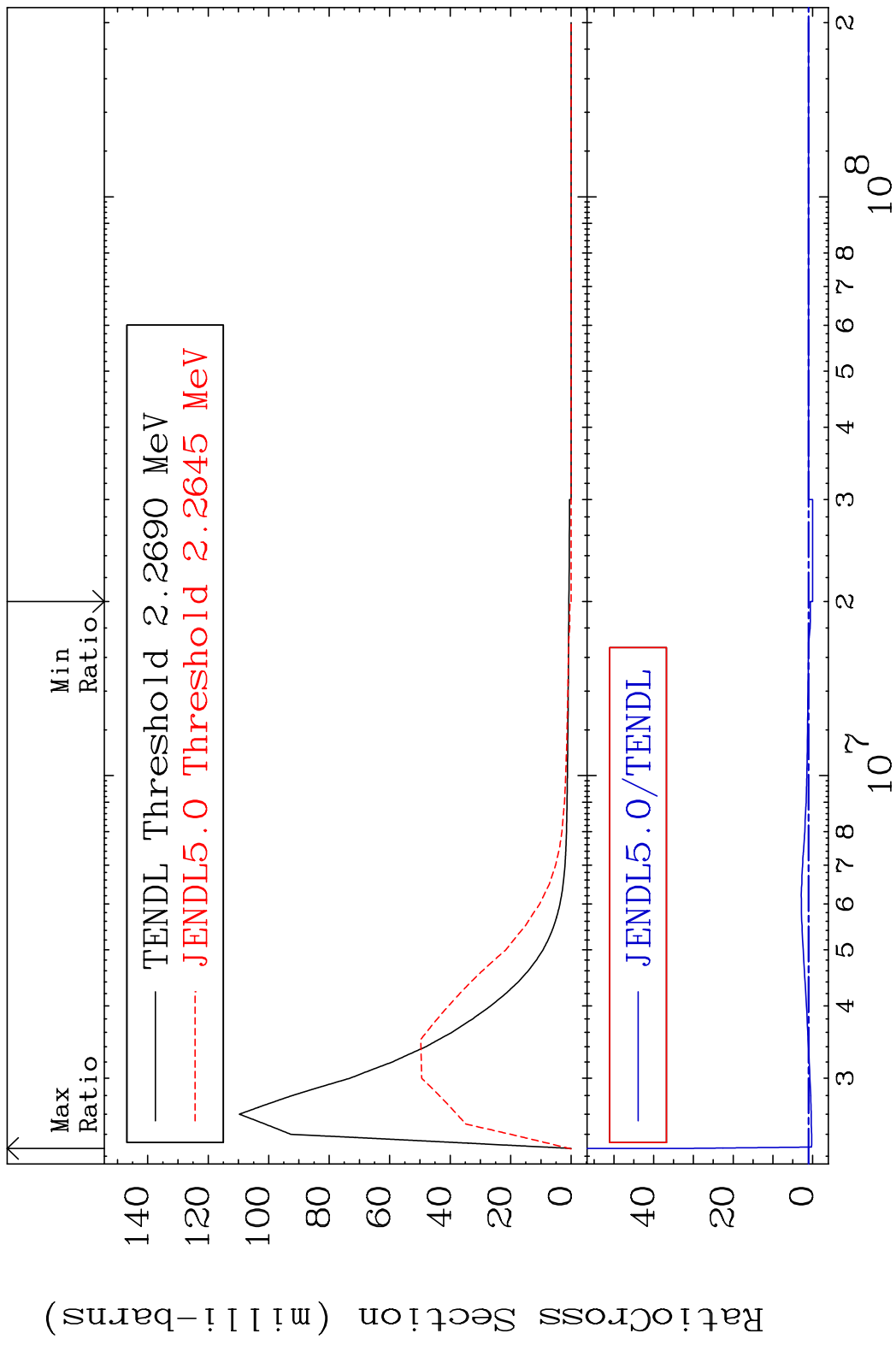


17 44-Ru-98

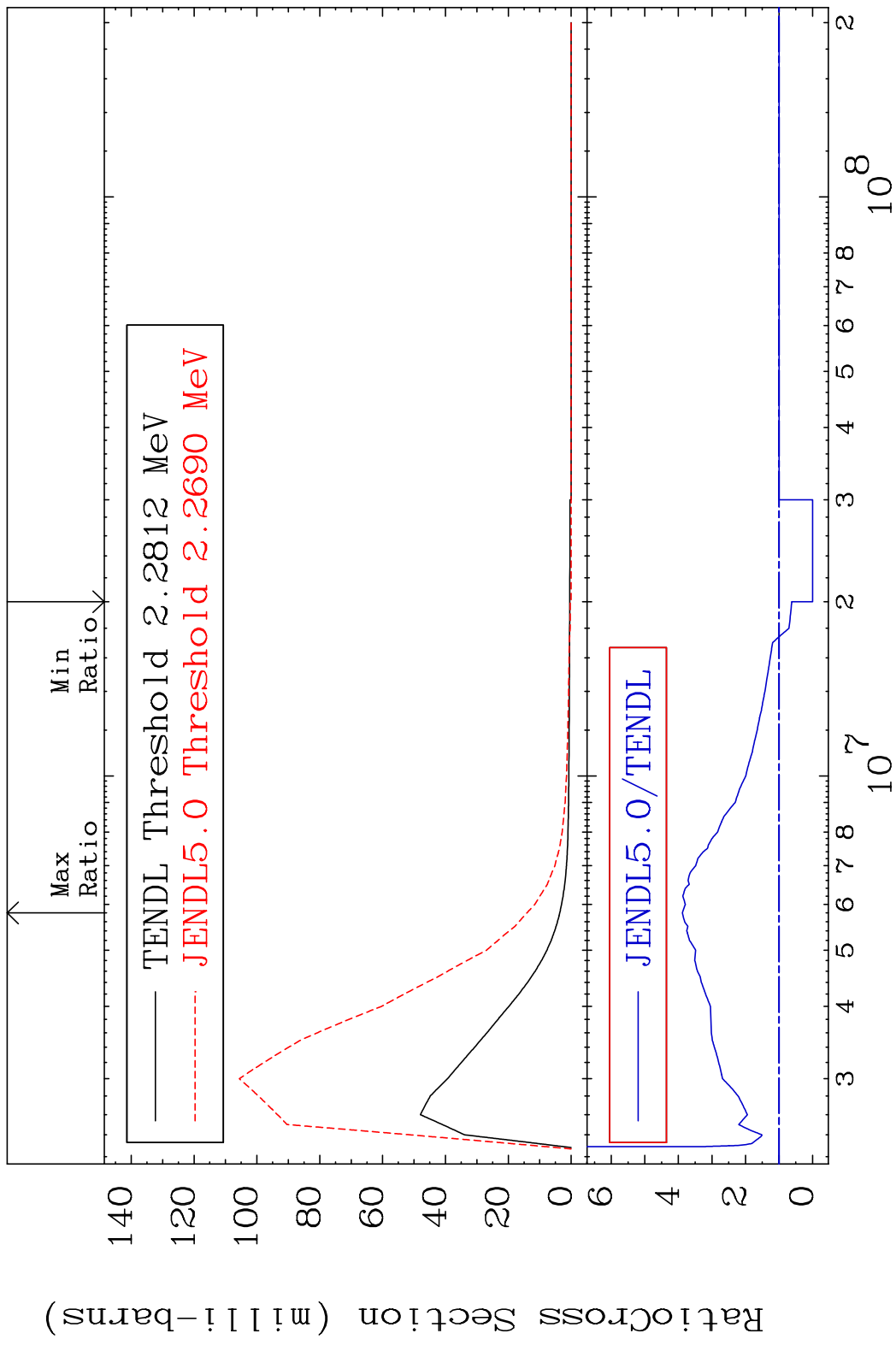
MAT 4431 MT= 59 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 81.53 %



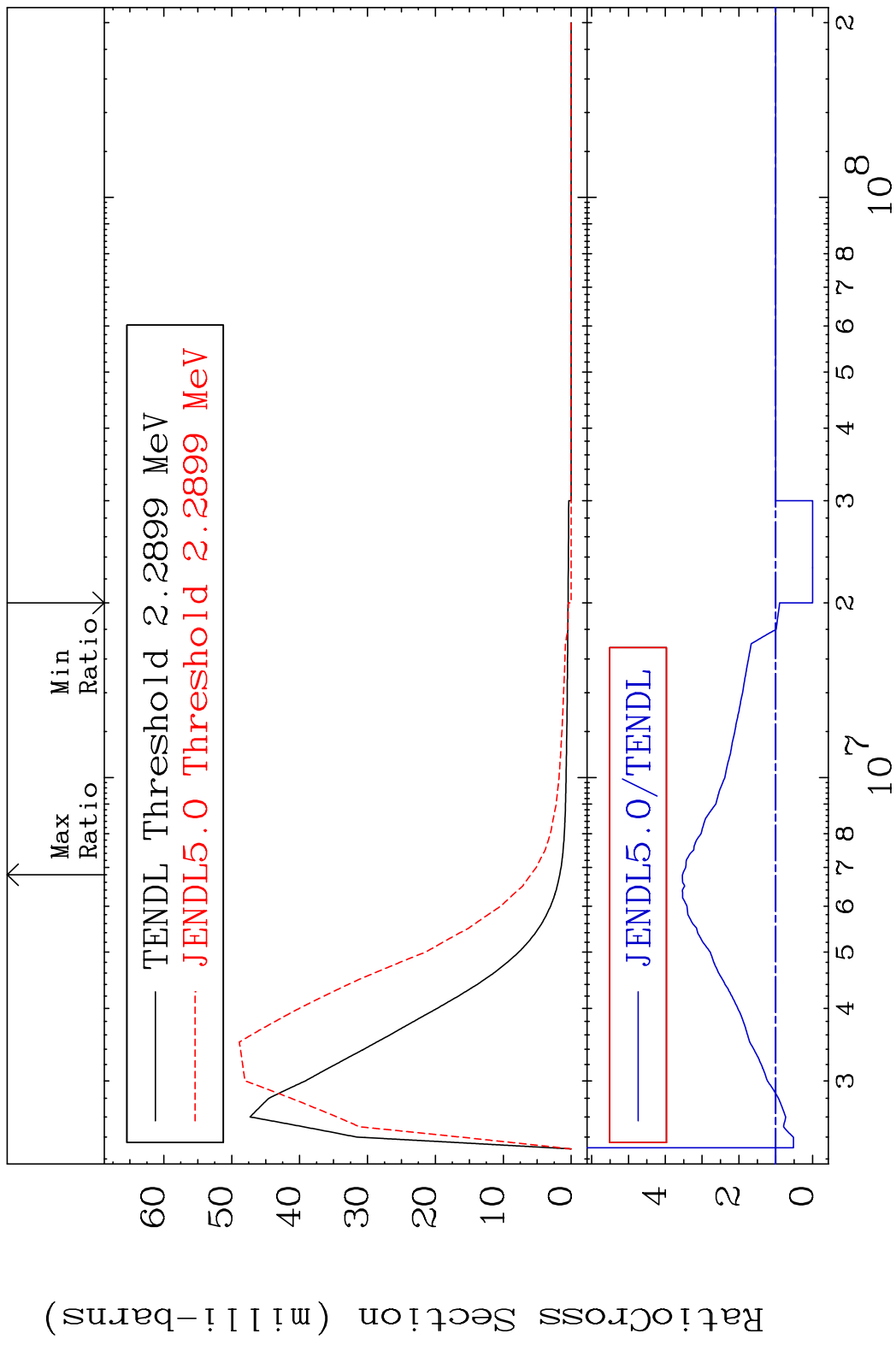
MAT 4431 MT= 60 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 3179. %



MAT 4431 MT= 61 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 288.2 %



MAT 4431 MT= 62 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 253.7 %

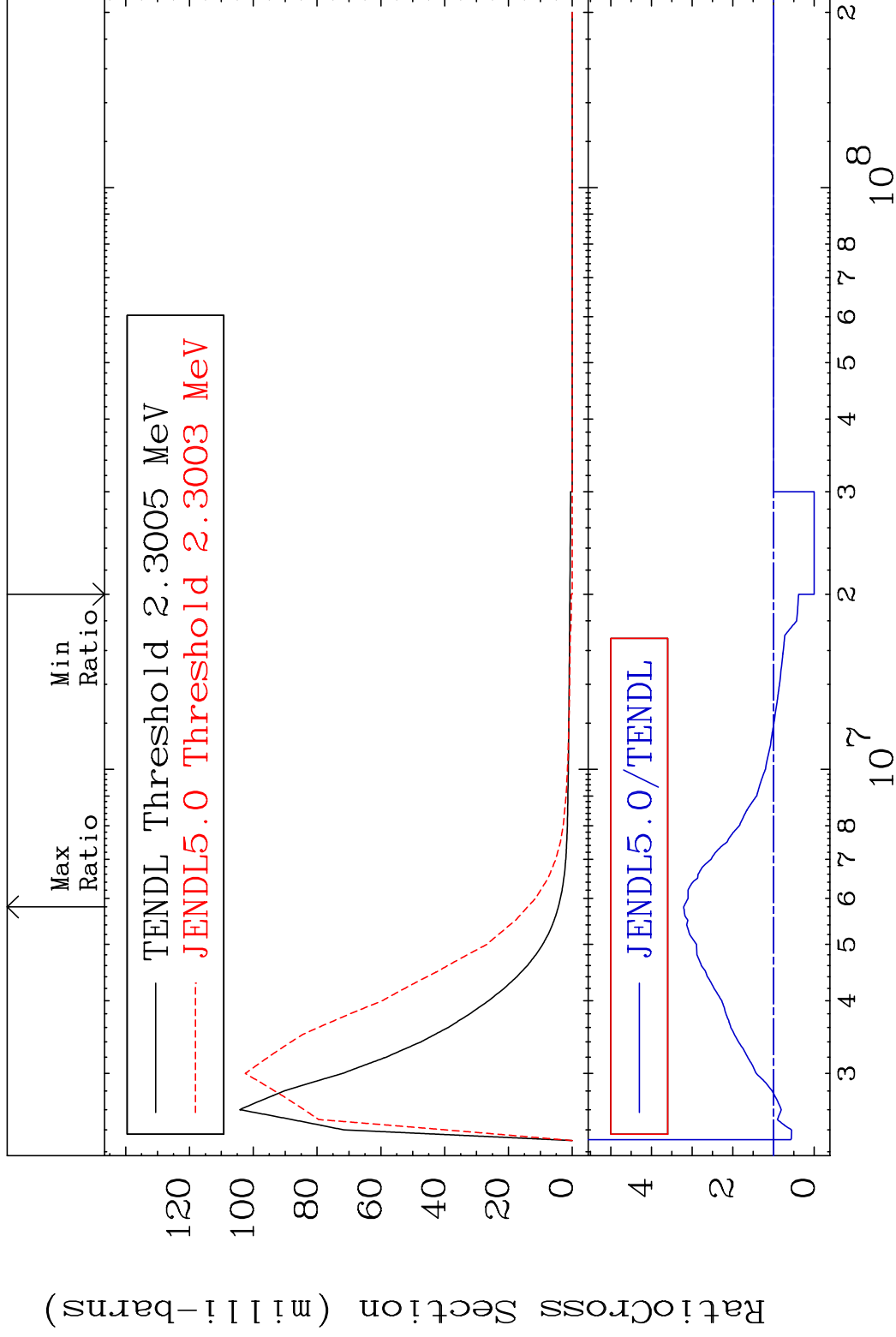


MAT 4431

MT= 63 (n, n') Level

44-Ru-98

Cross Section -100.0 To 220.7 %

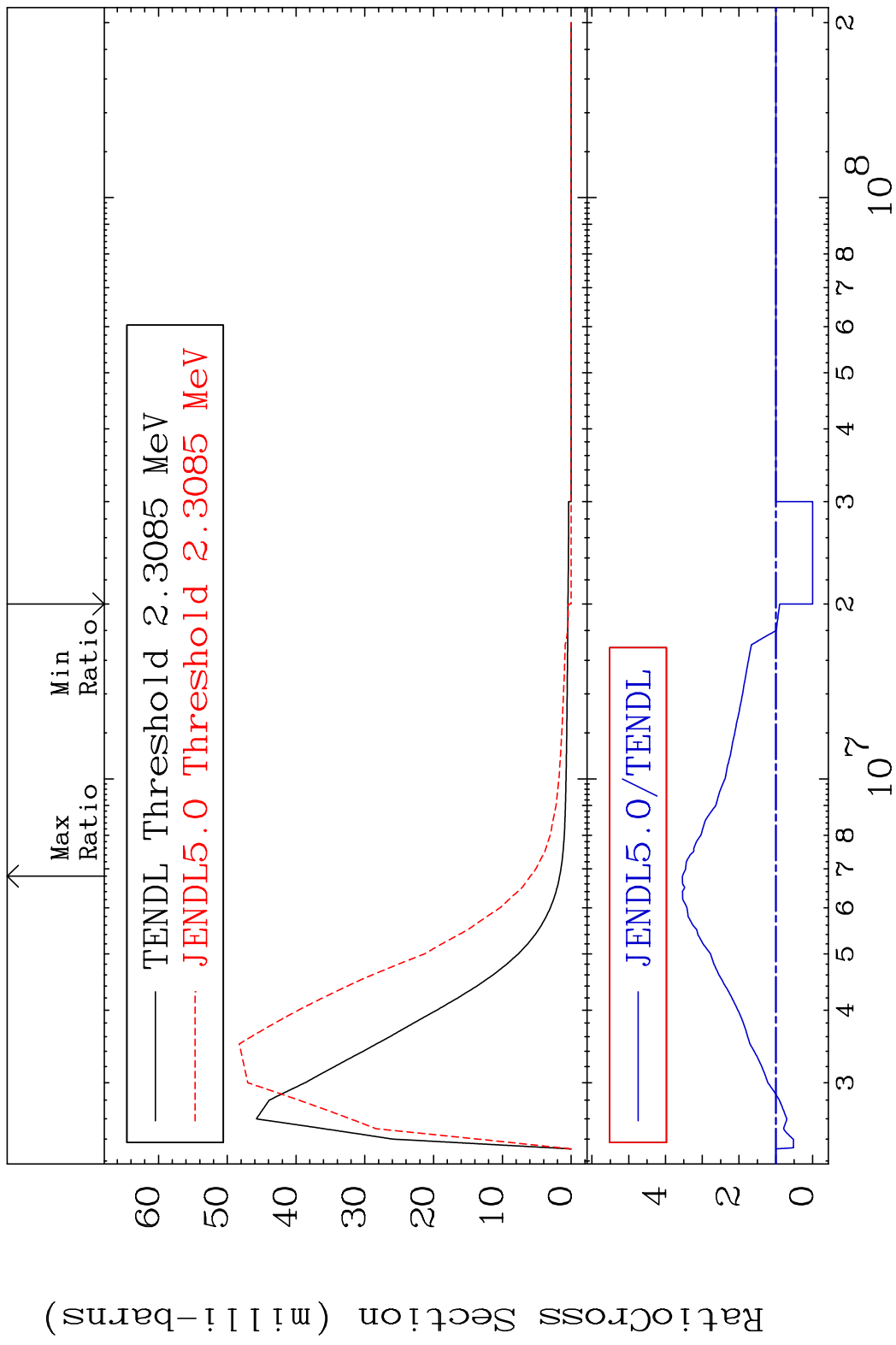


22

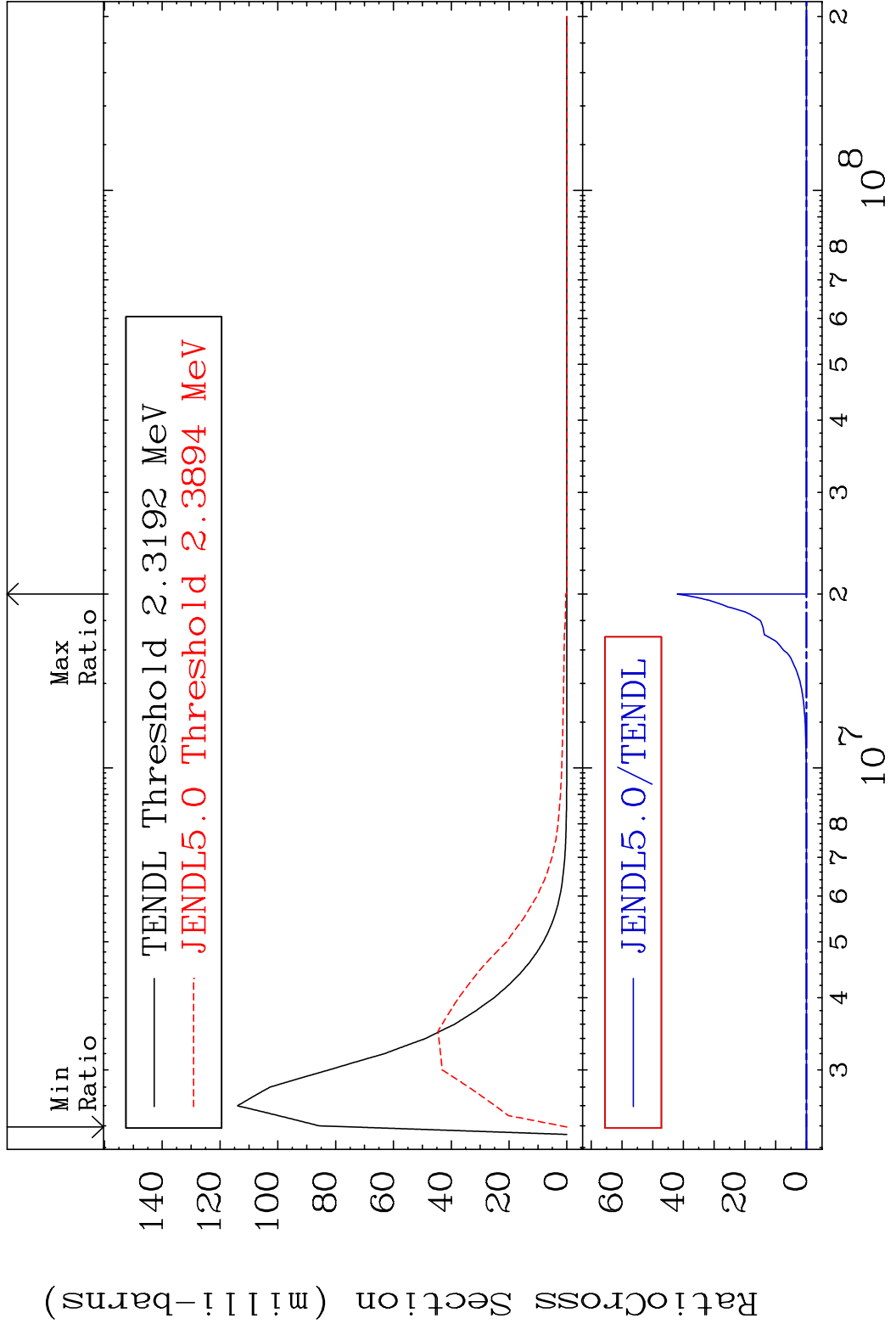
Incident Energy (eV)

44-Ru-98

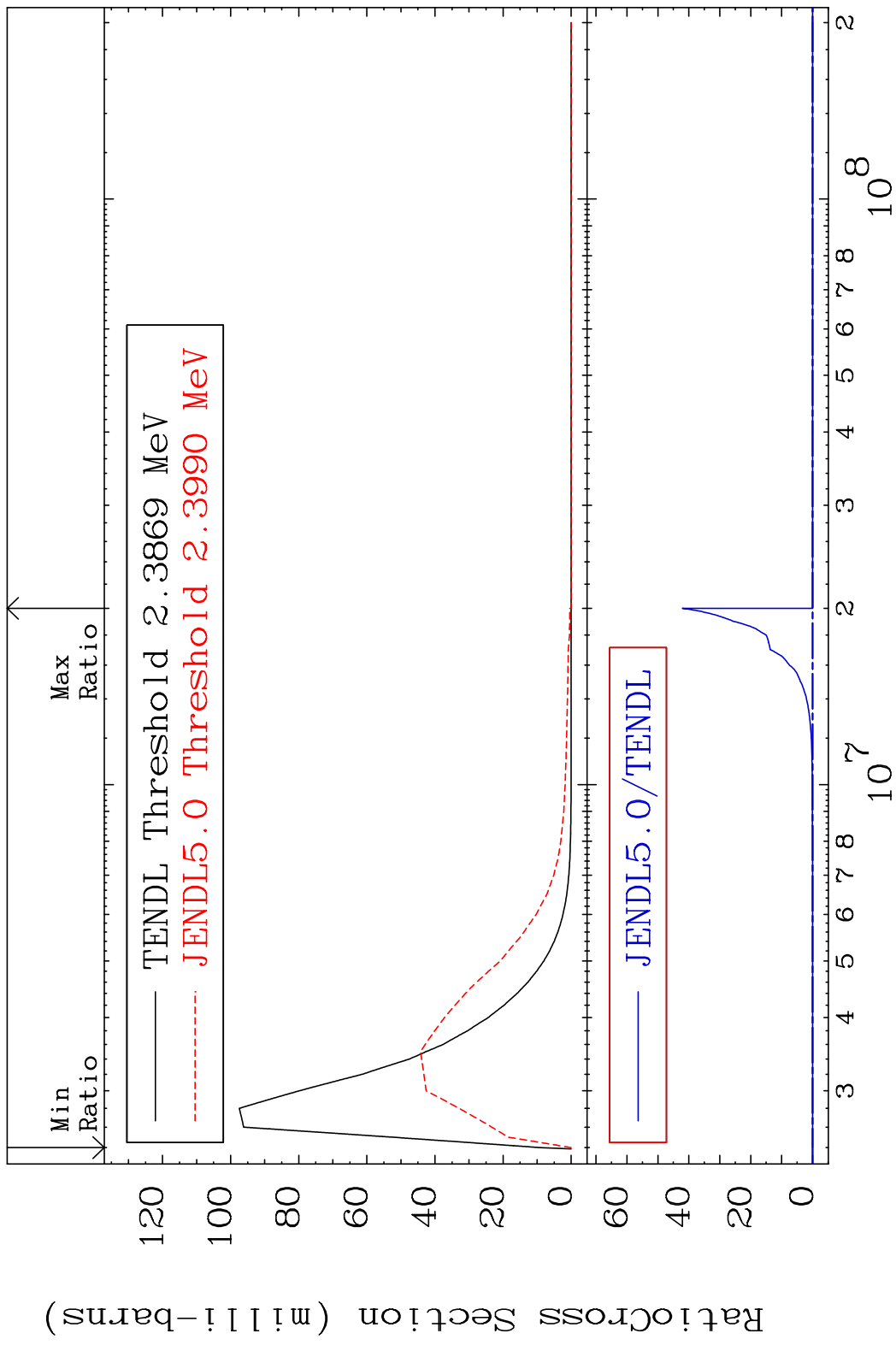
MAT 4431 MT= 64 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 254.1 %



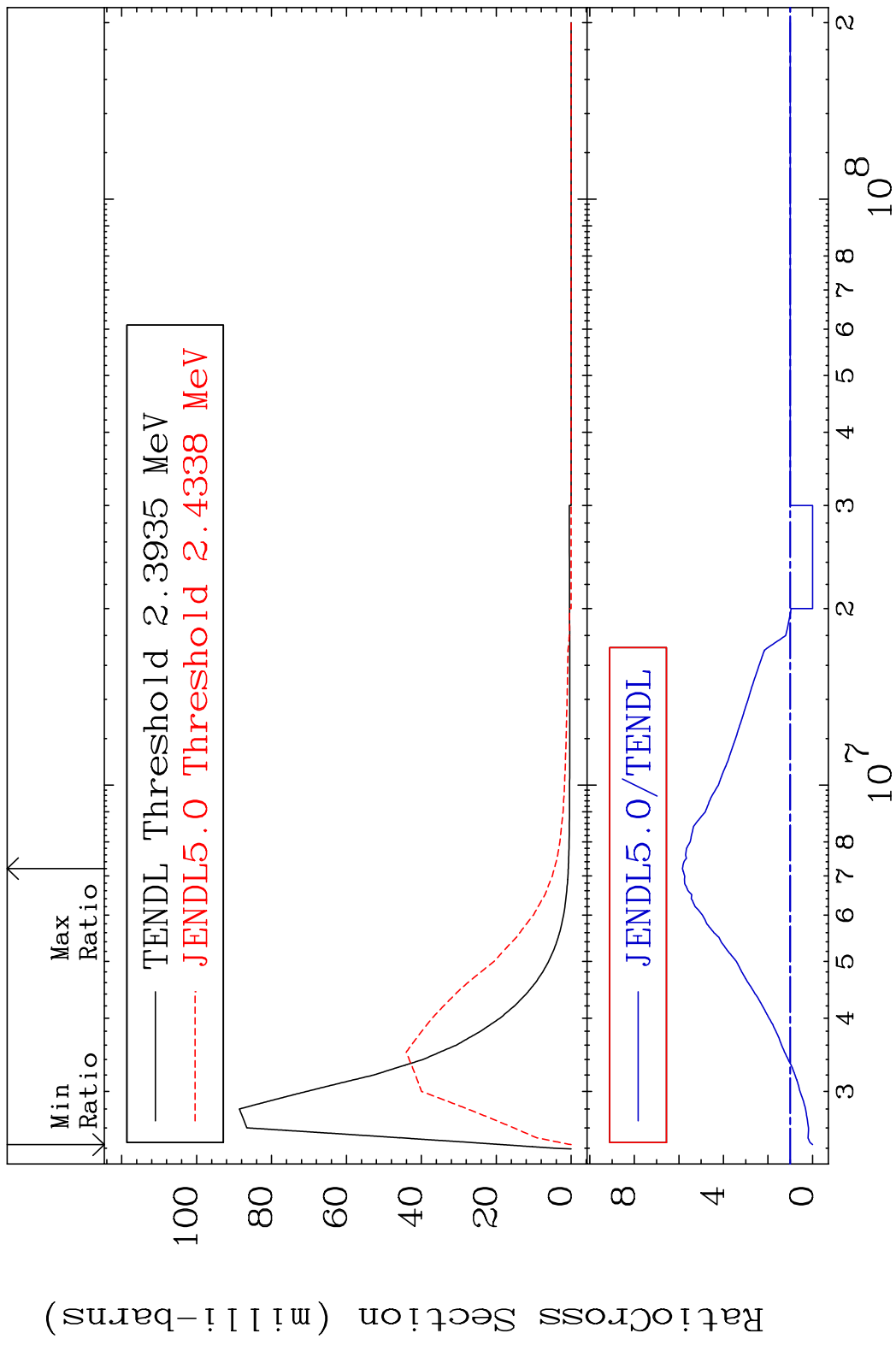
MAT 4431 MT= 65 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %



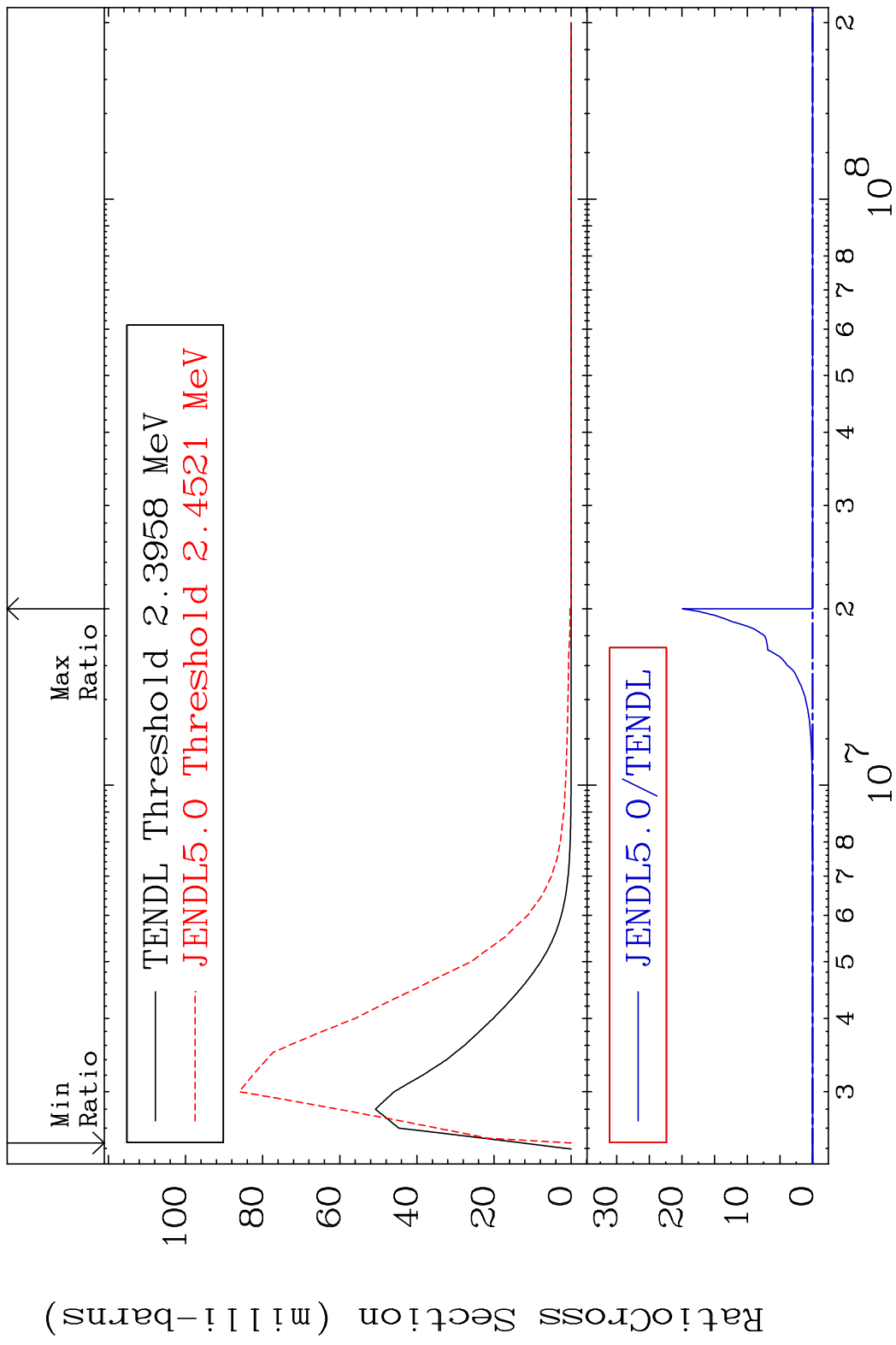
MAT 4431 MT= 66 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %



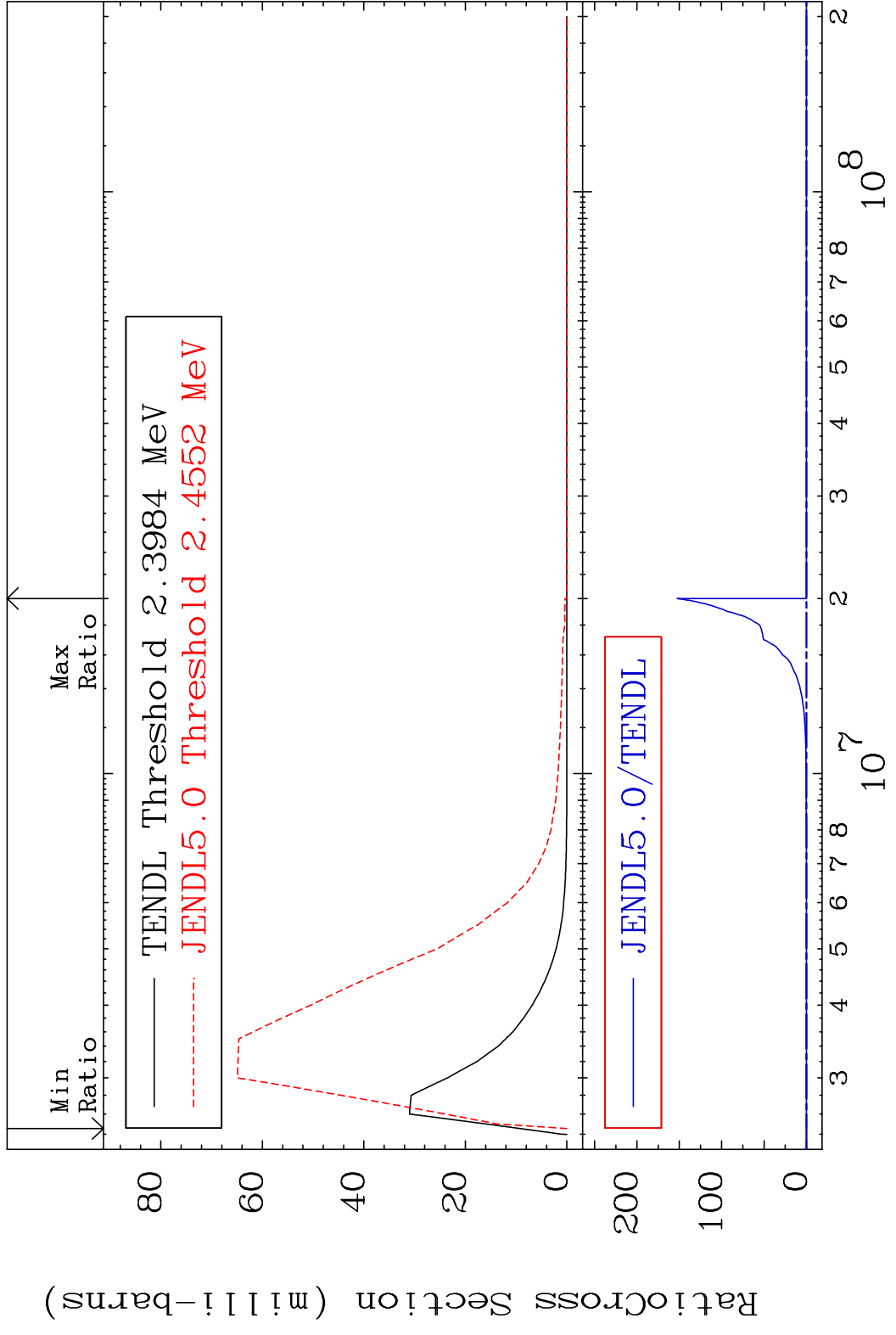
MAT 4431 MT= 67 (n,n') Level 44-Ru-98  
 Cross Section -100.0 To 484.4 %



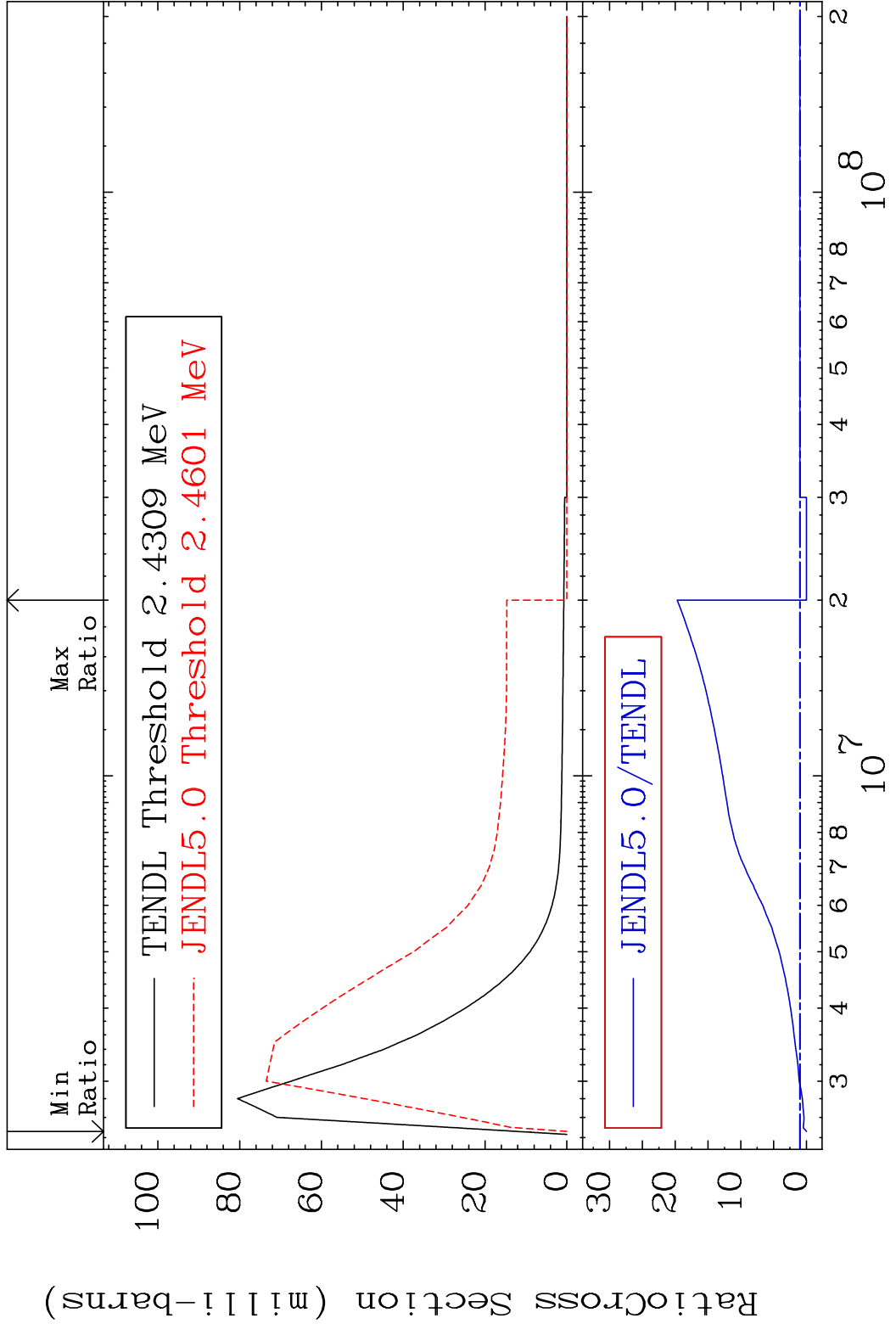
MAT 4431 MT= 68 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %



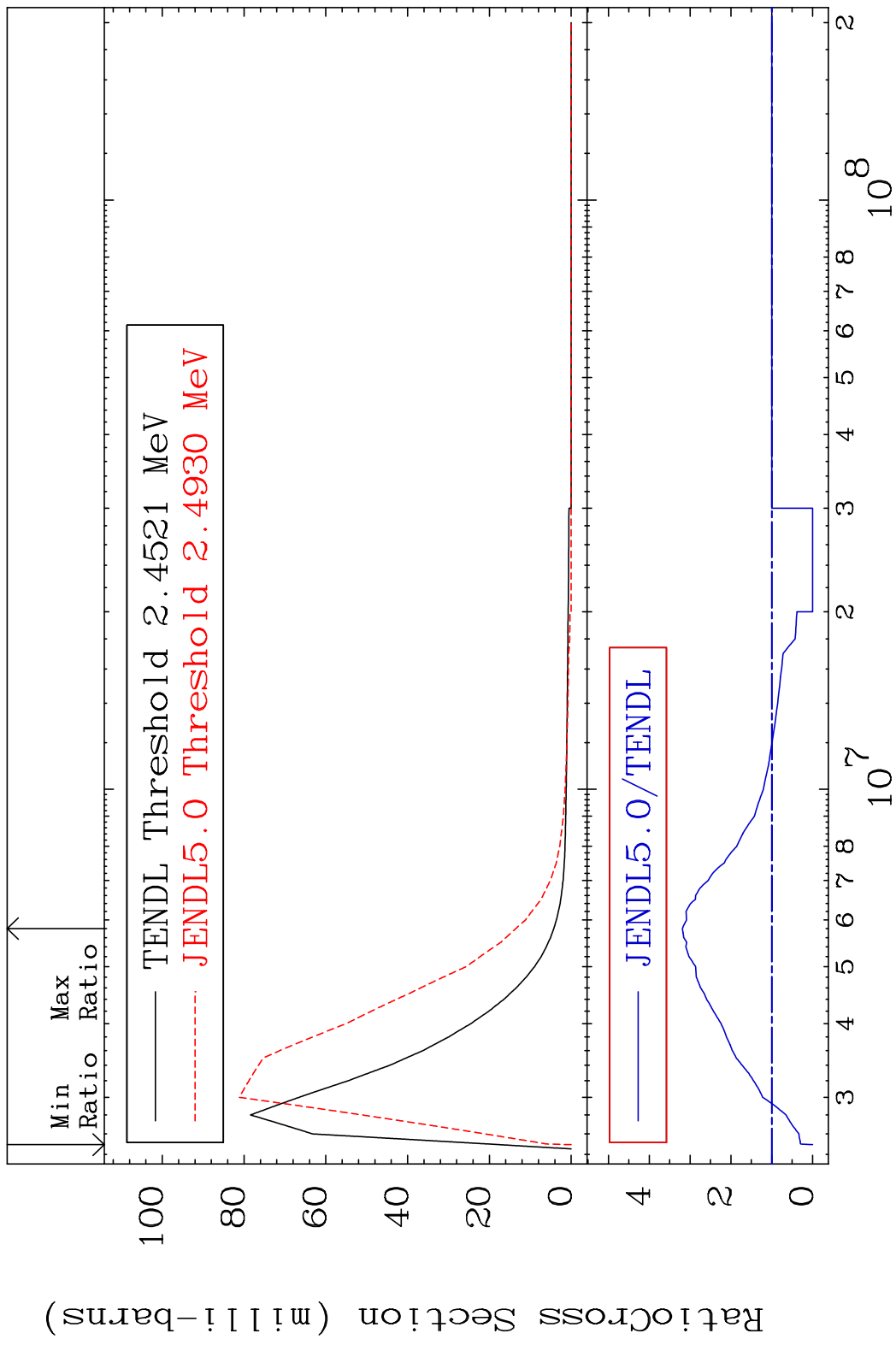
MAT 4431 MT= 69 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %



MAT 4431 MT= 70 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 1870. %

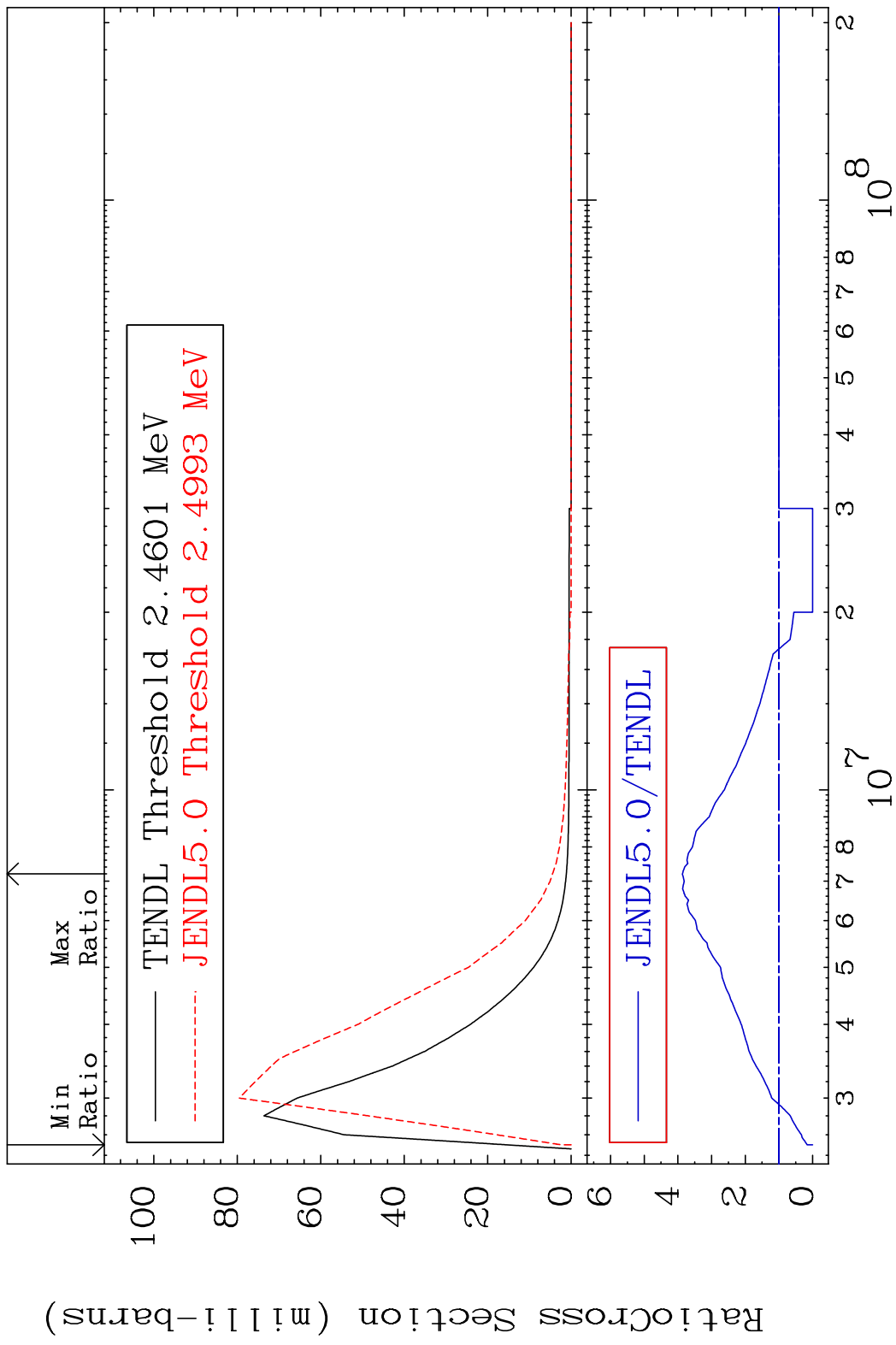


MAT 4431 MT= 71 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 218.9 %

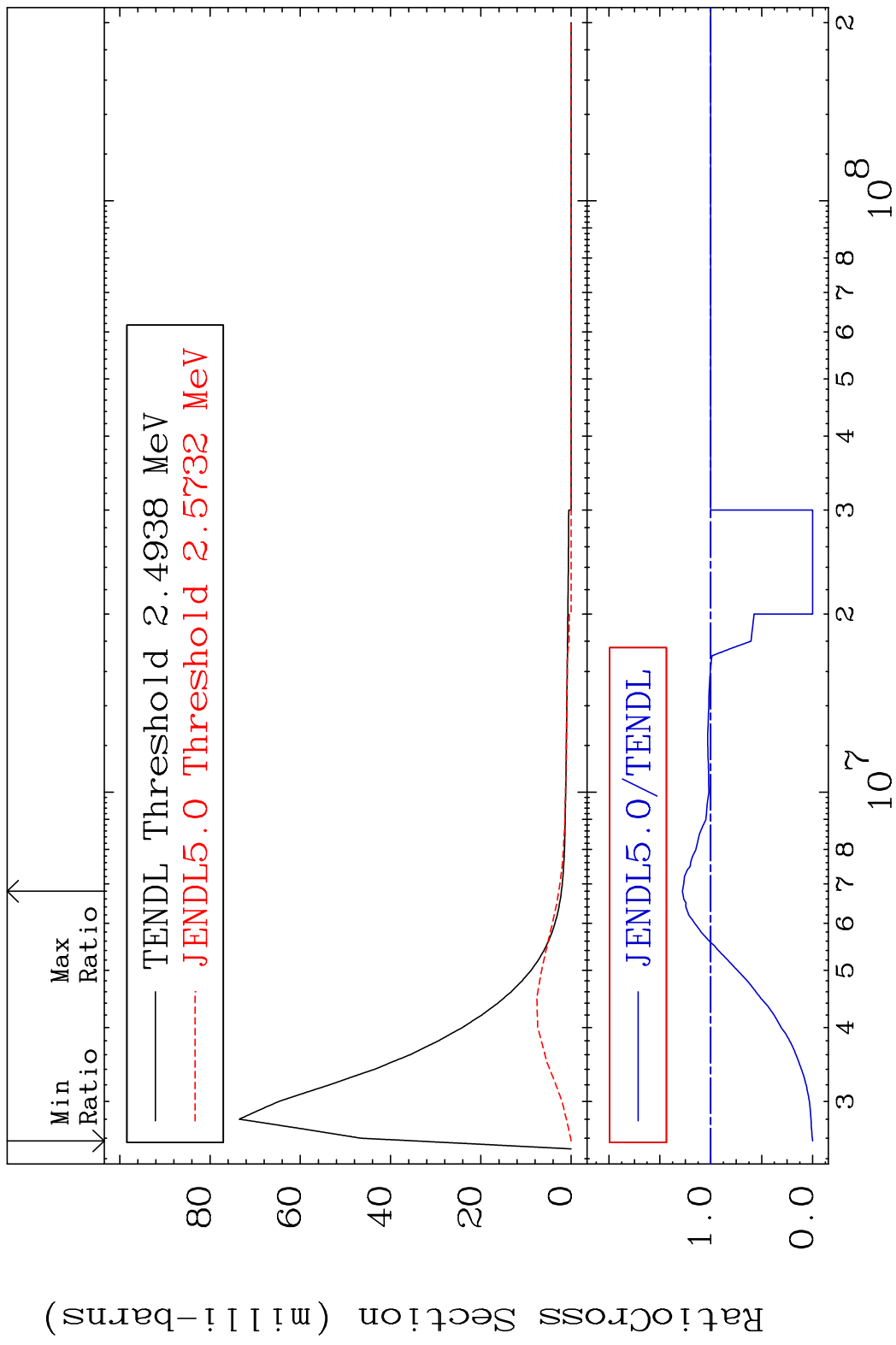


30

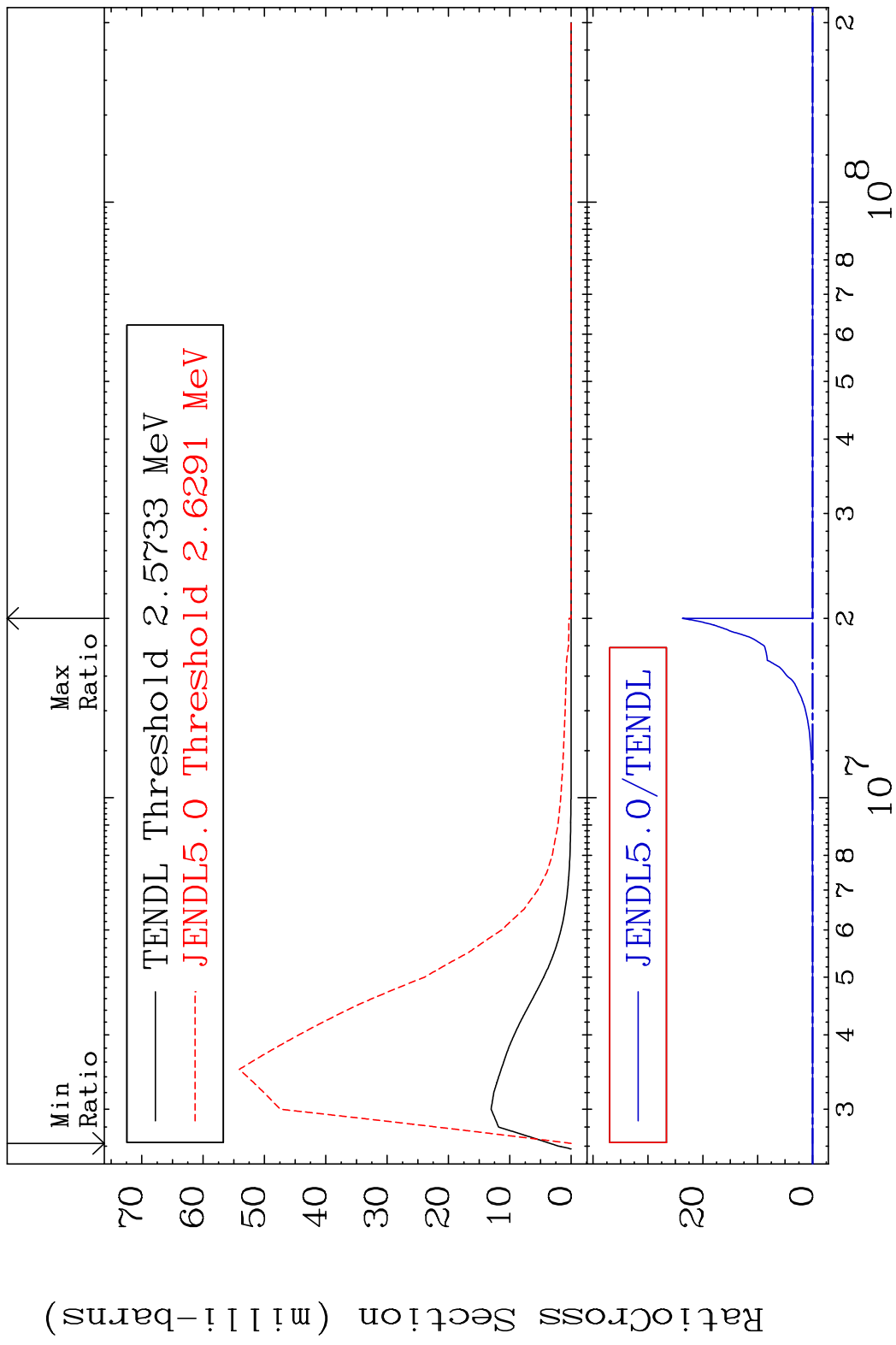
MAT 4431 MT= 72 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 286.7 %



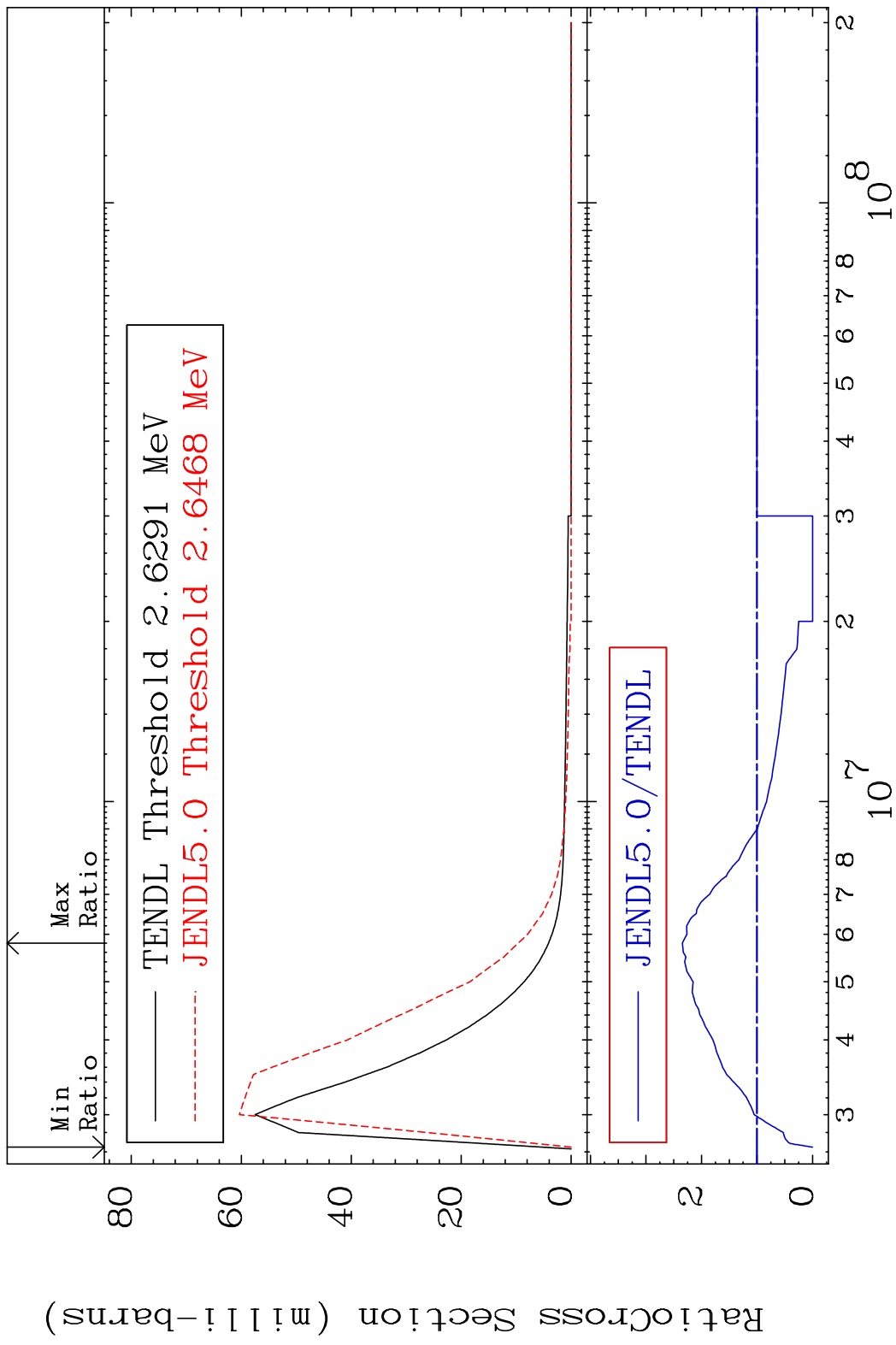
MAT 4431 MT= 73 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 27.90 %



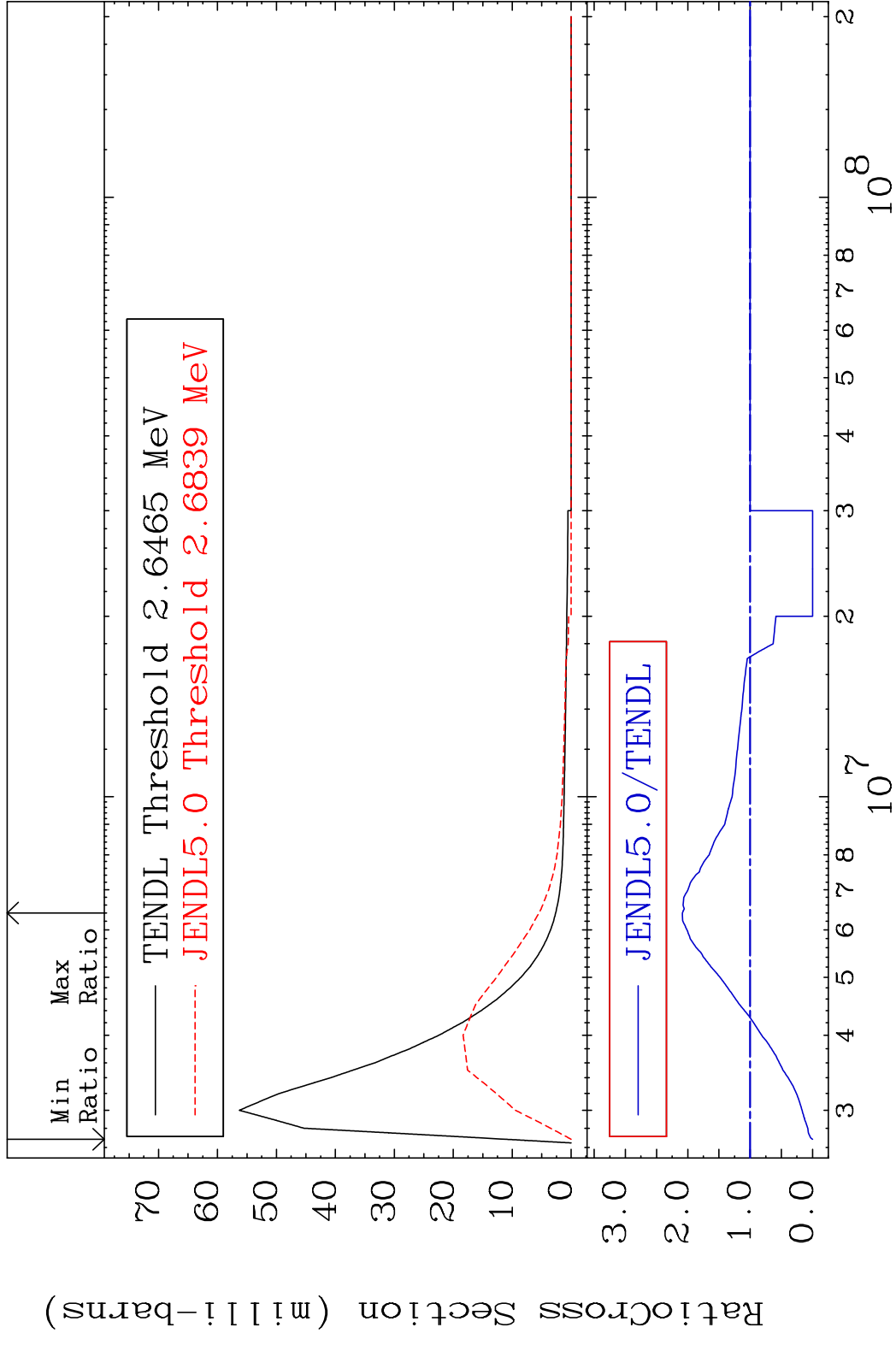
MAT 4431 MT= 74 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %



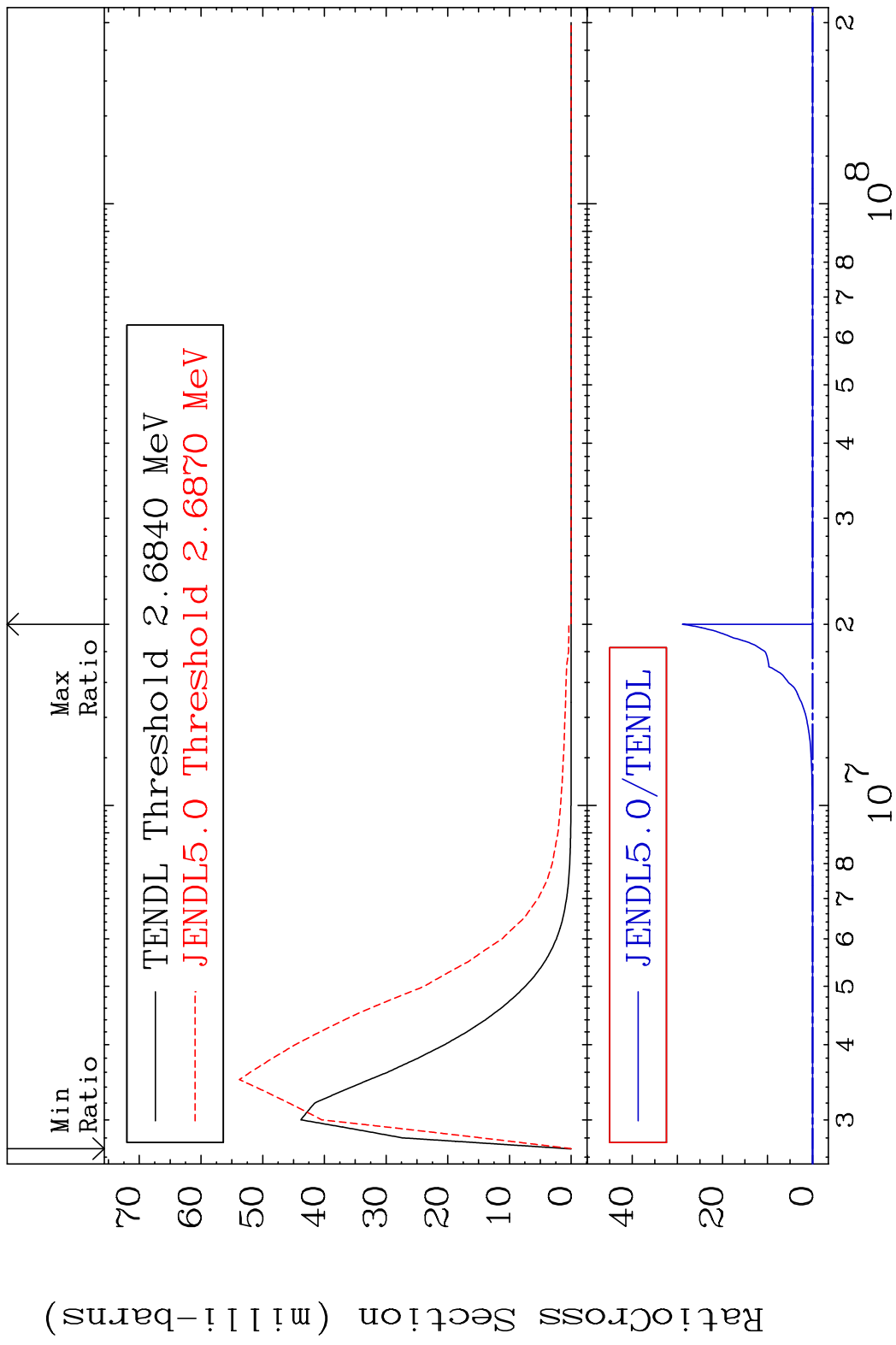
MAT 4431 MT= 75 (n,n') Level 44-Ru-98  
 Cross Section -100.0 To 134.5 %



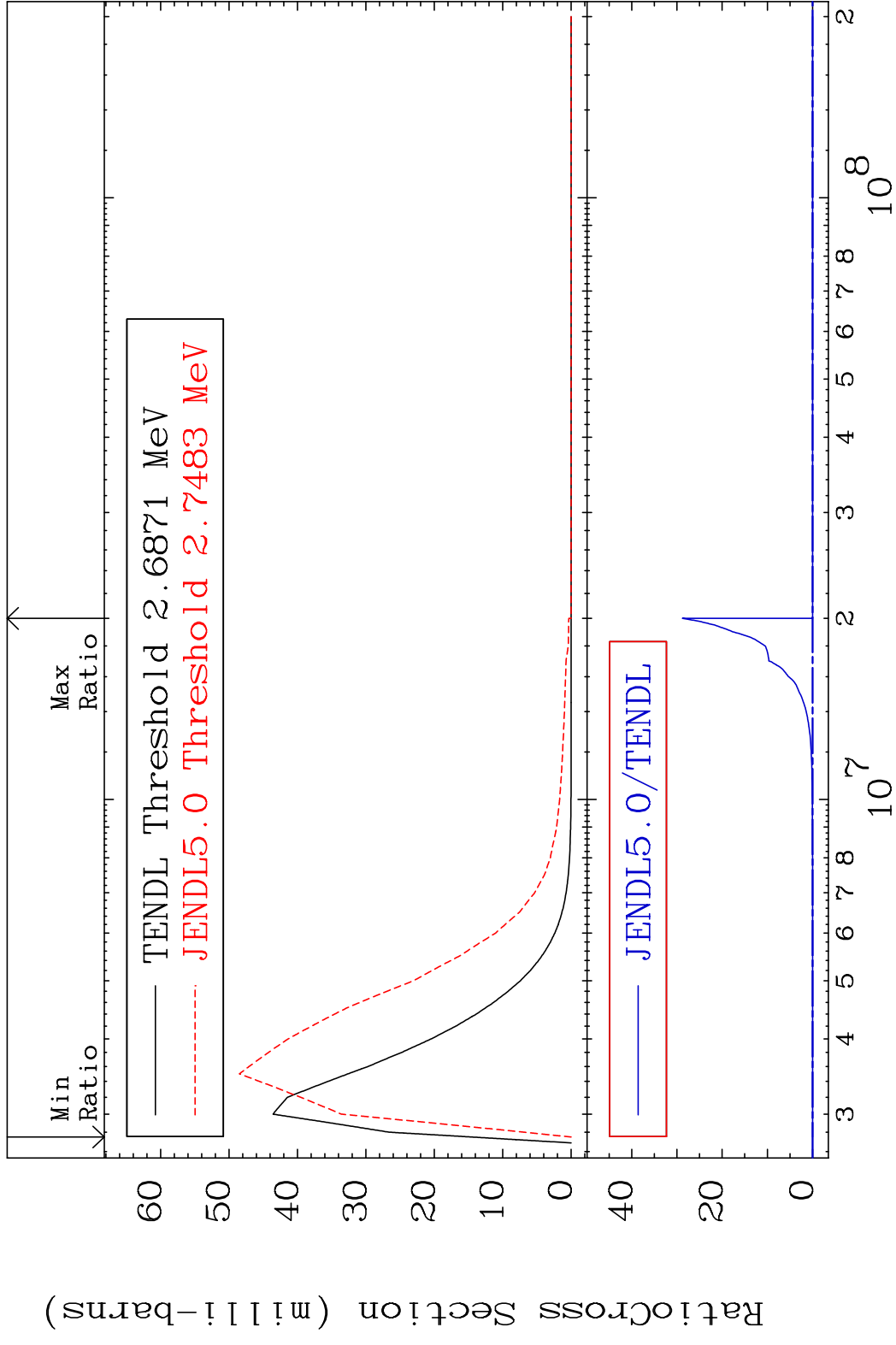
MAT 4431 MT= 76 (n,n') Level 44-Ru-98  
 Cross Section -100.0 To 108.7 %



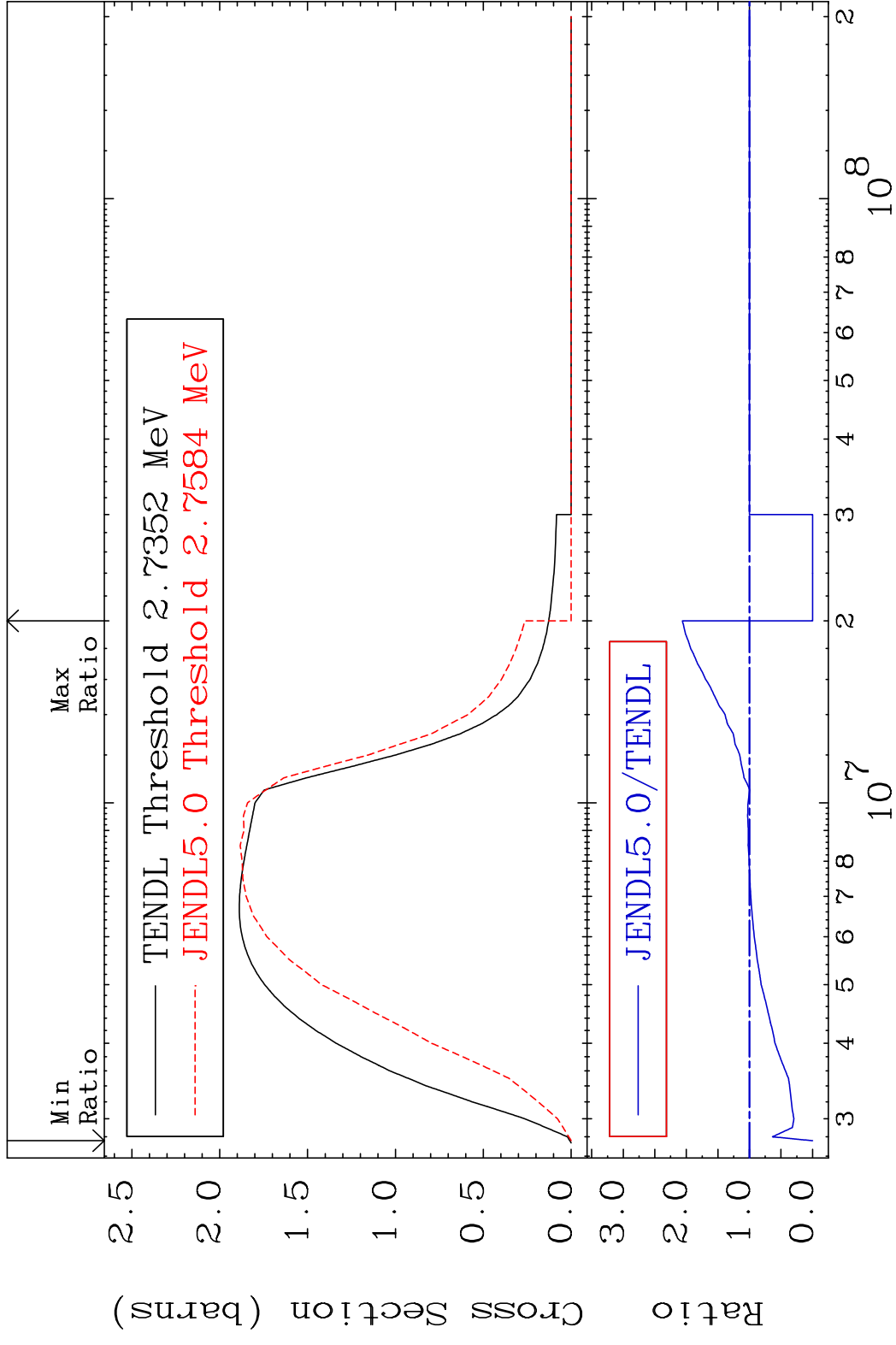
MAT 4431 MT= 77 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %



MAT 4431 MT= 78 (n, n') Level 44-Ru-98  
 Cross Section -100.0 To 9999. %



MAT 4431 (n, n') Continuum 44-Ru-98  
 Cross Section -100.0 To 106.3 %

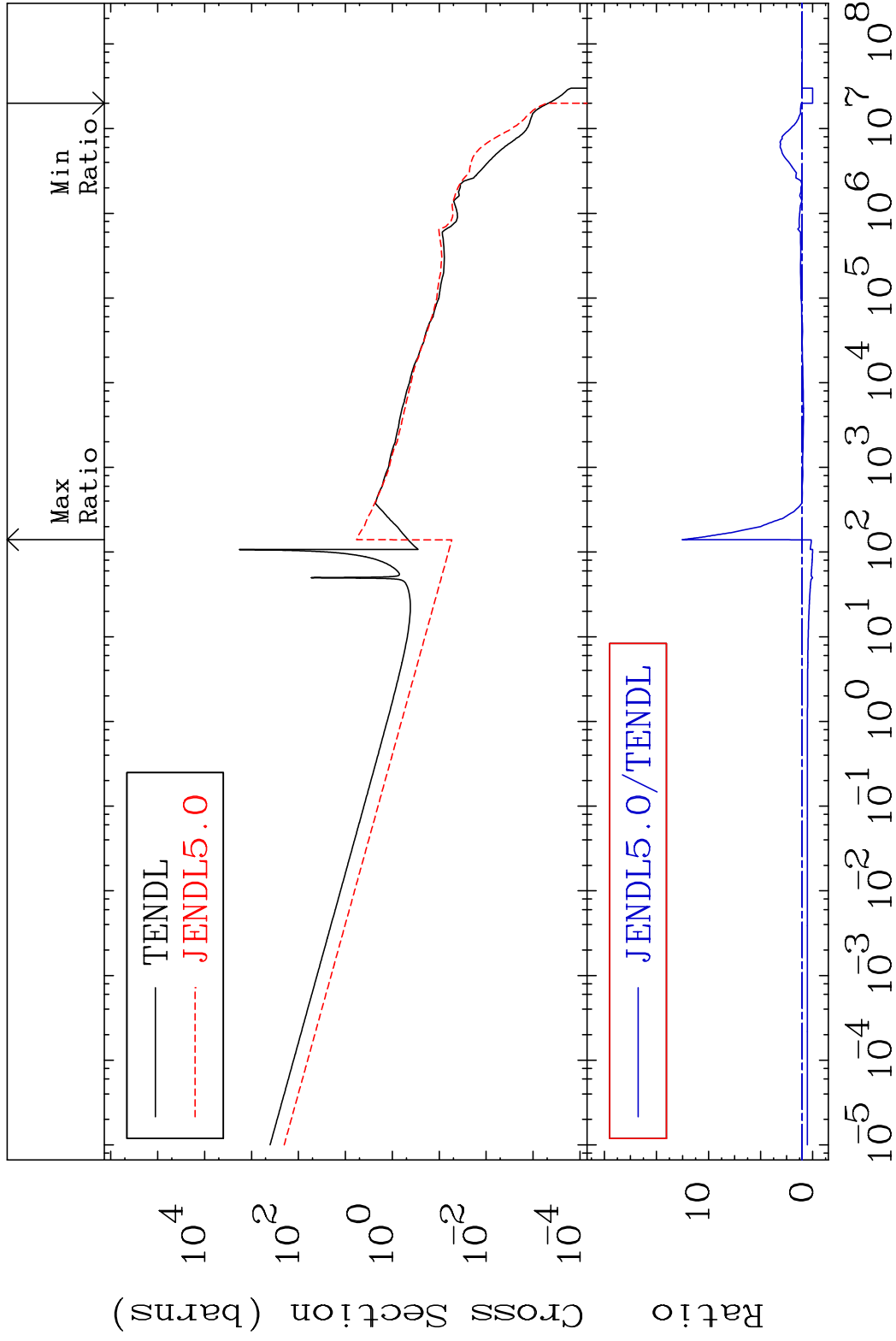


MAT 4431

(n,  $\gamma$ )

44-Ru-98

Cross Section -100.0 To 1151. %



39

Incident Energy (eV)

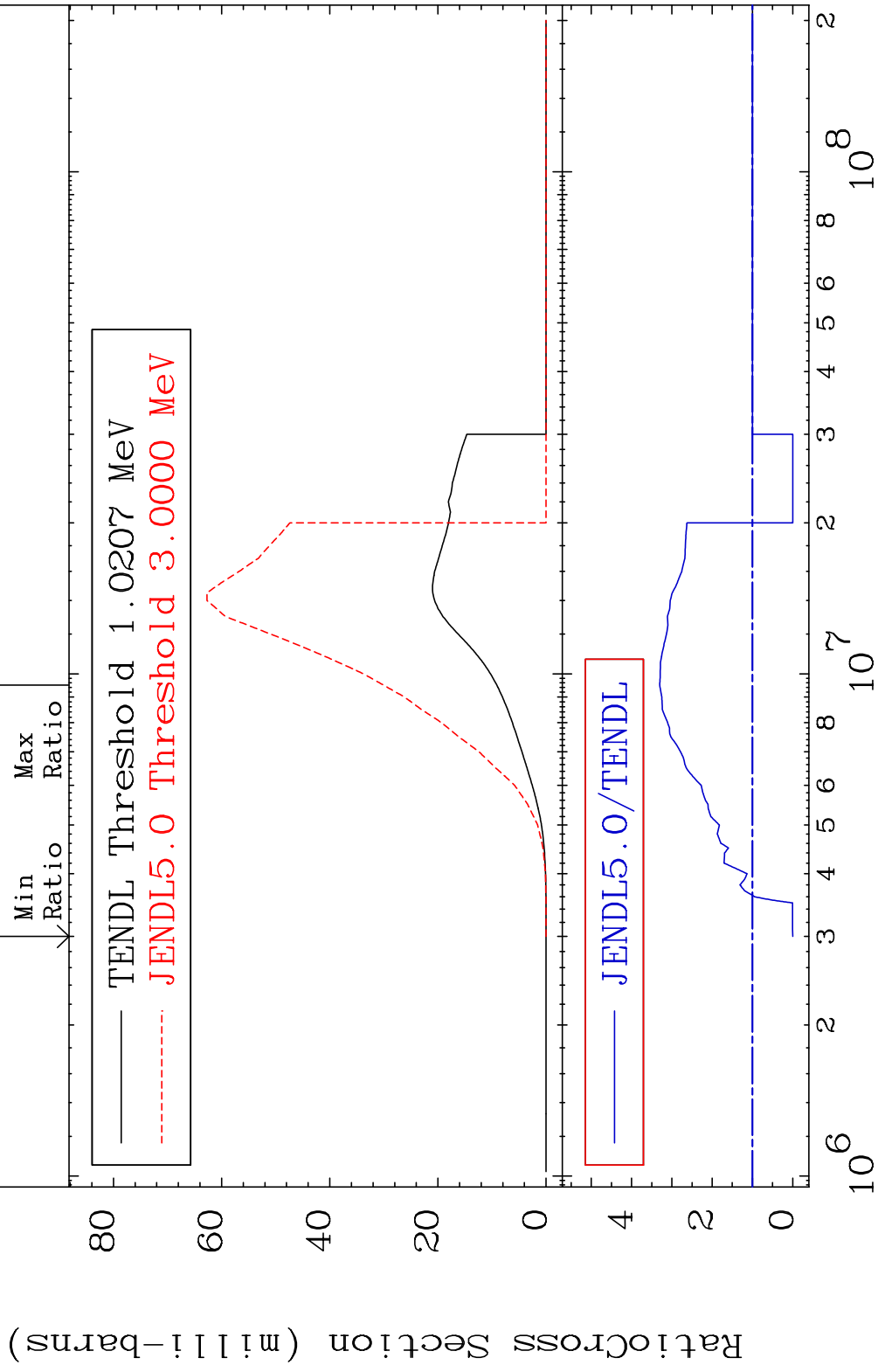
44-Ru-98

MAT 4431

(n, p)

44-Ru-98

Cross Section -100.0 To 230.2 %

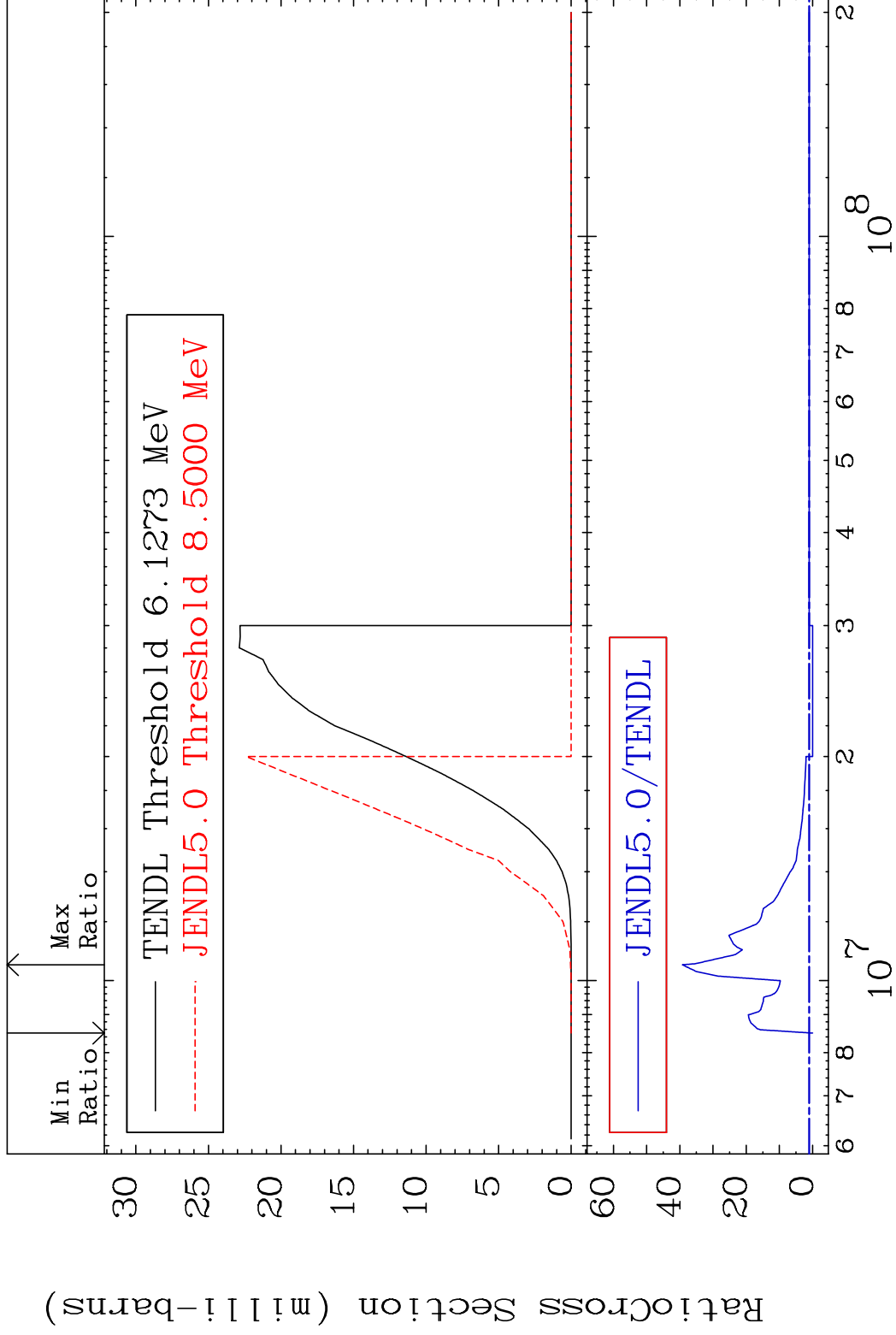


MAT 4431

(n,d)

44-Ru-98

Cross Section -100.0 To 3824. %



41

Incident Energy (eV)

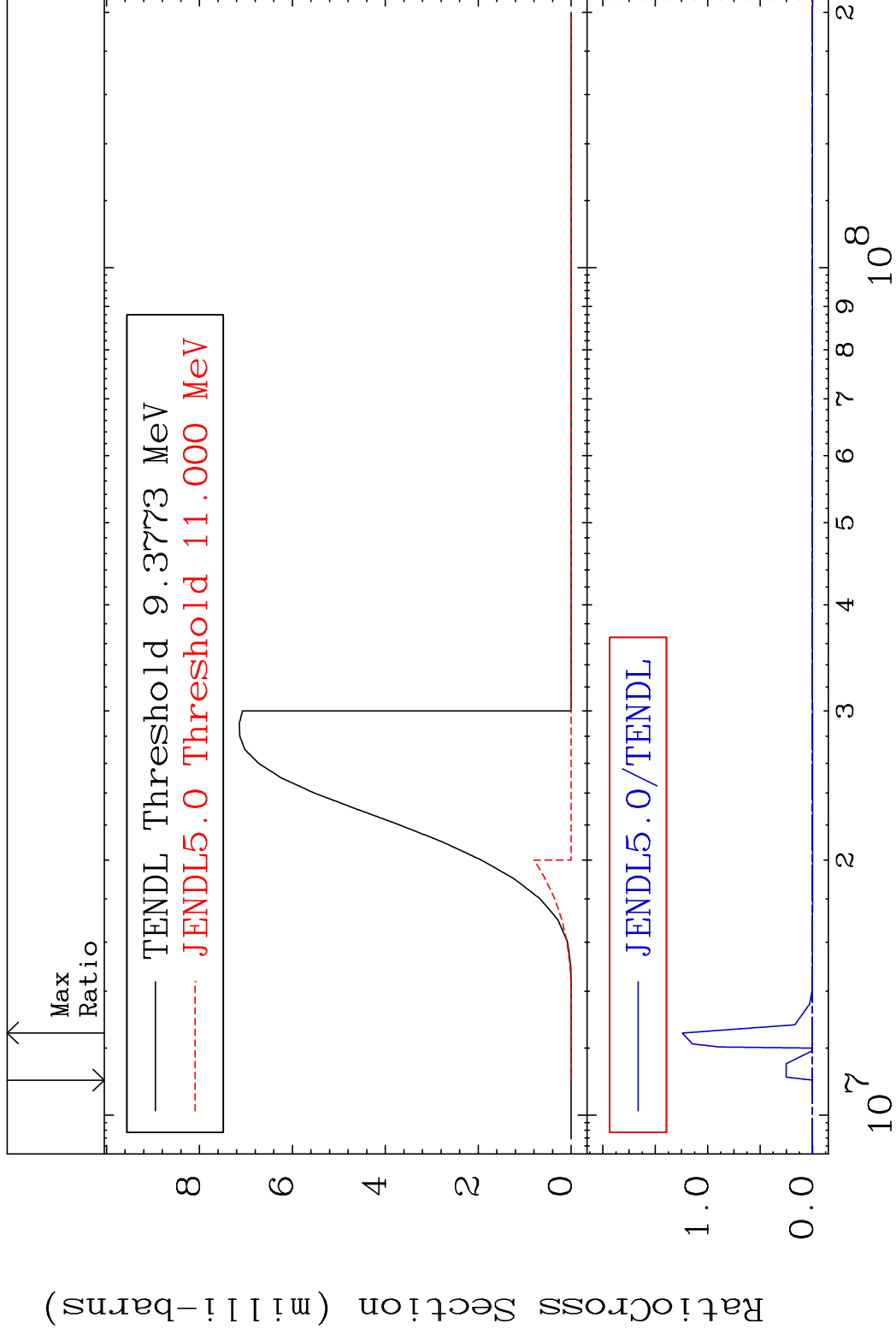
44-Ru-98

MAT 4431

(n, t)

44-Ru-98

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

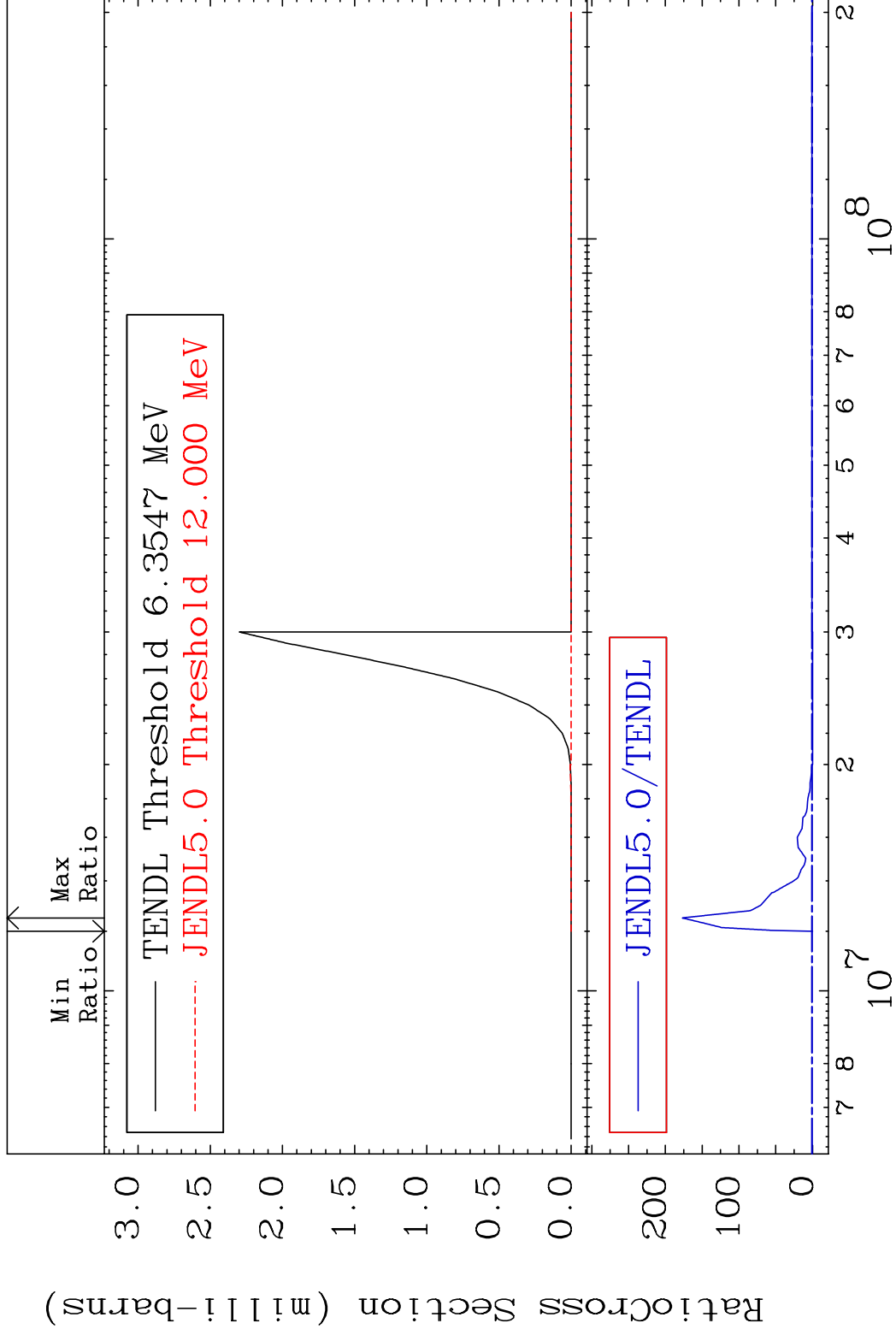
44-Ru-98

MAT 4431

(n, He-3)

44-Ru-98

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

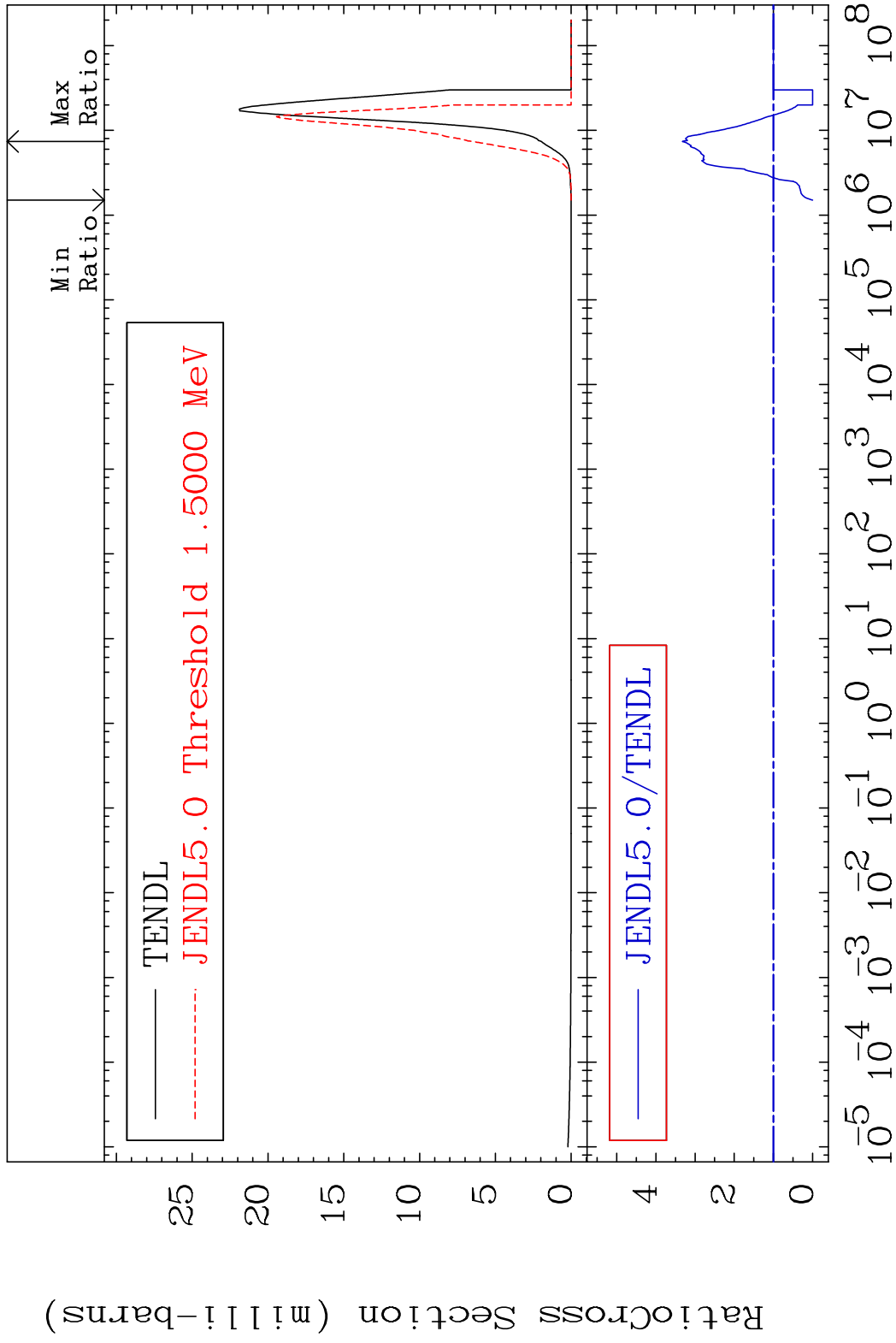
44-Ru-98

MAT 4431

(n,  $\alpha$ )

44-Ru-98

Cross Section -100.0 To 232.5 %

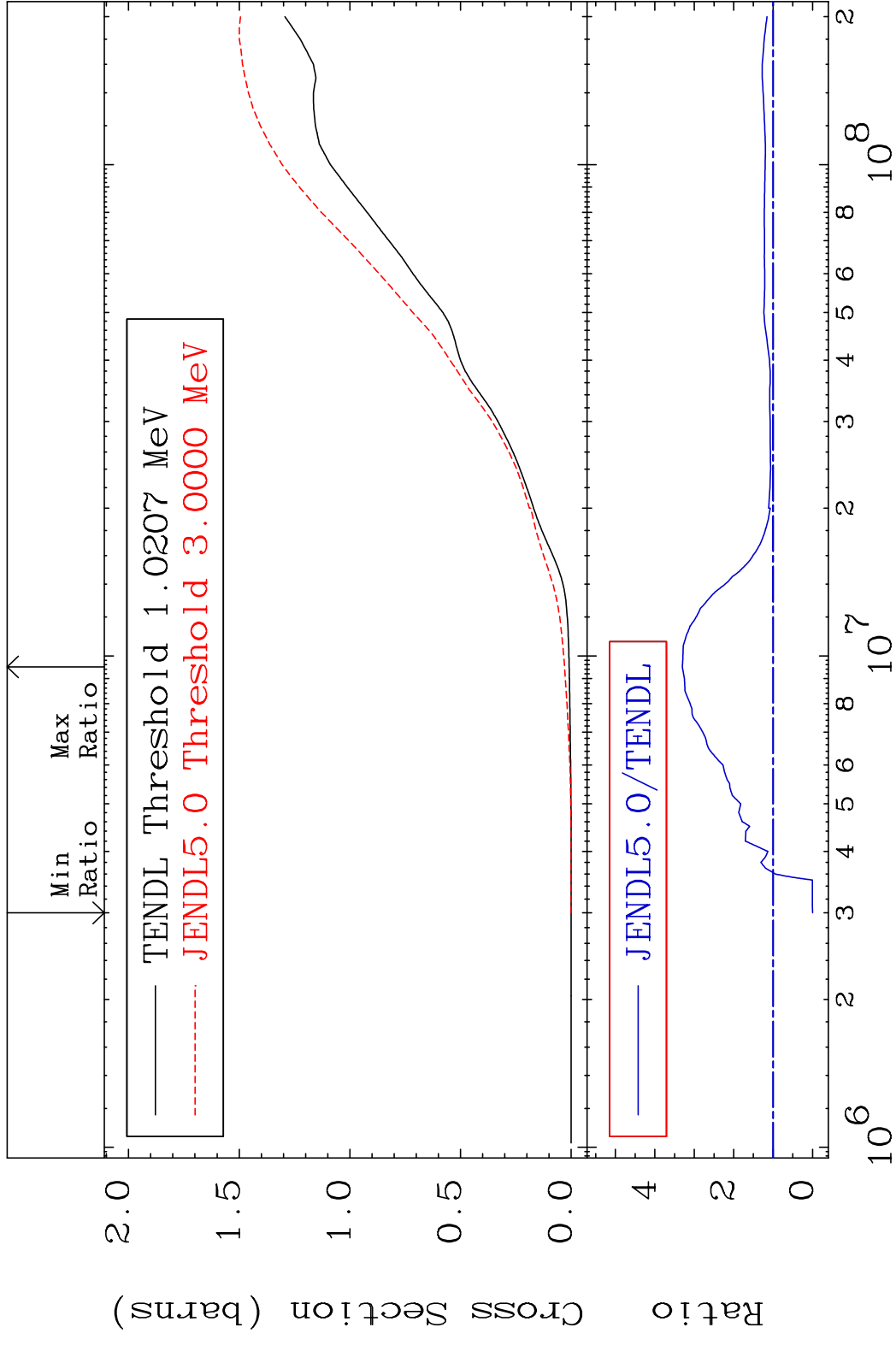


44

Incident Energy (eV)

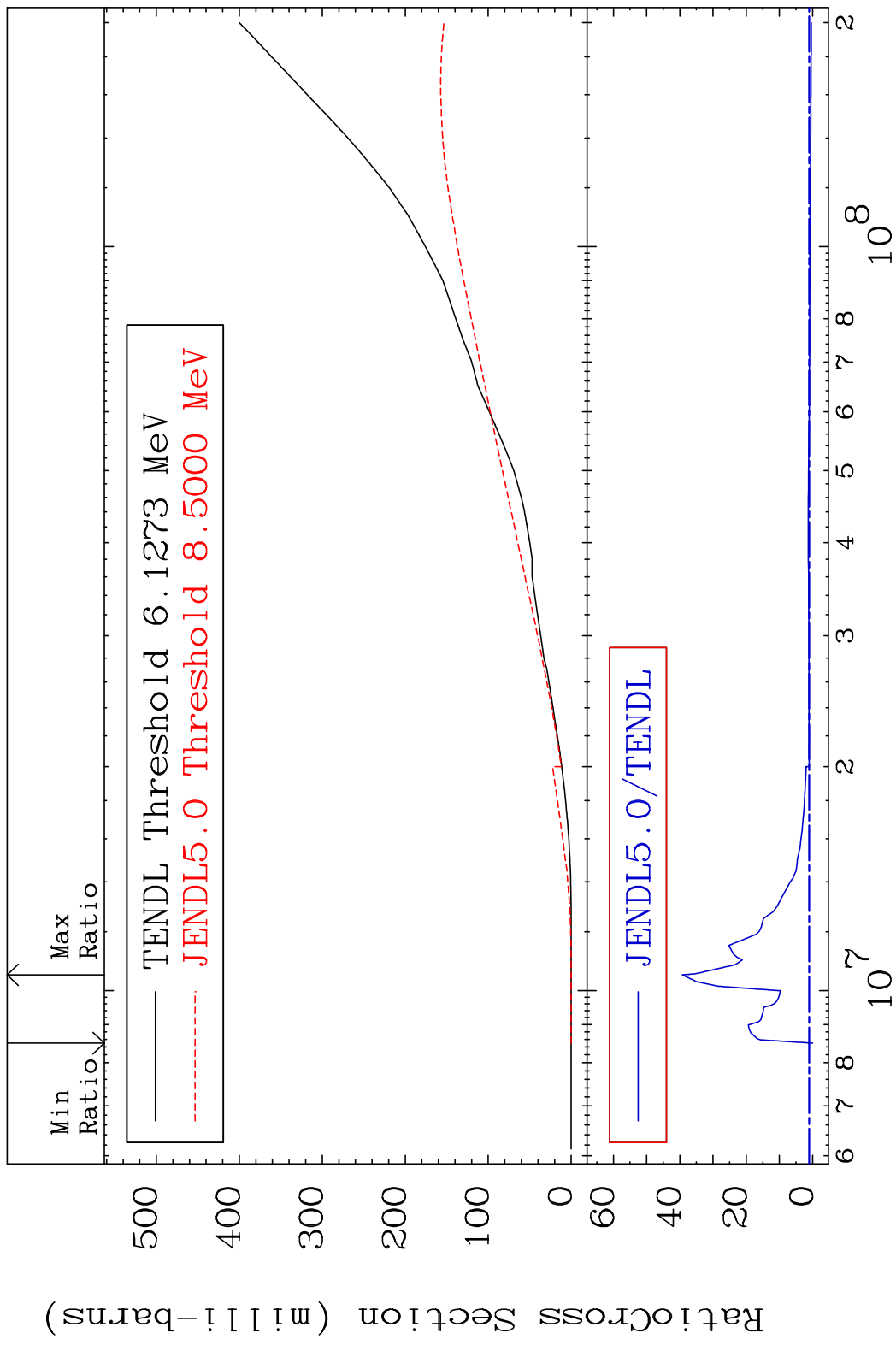
44-Ru-98

MAT 4431 Hydrogen Production 44-Ru-98  
 Cross Section -100.0 To 230.2 %



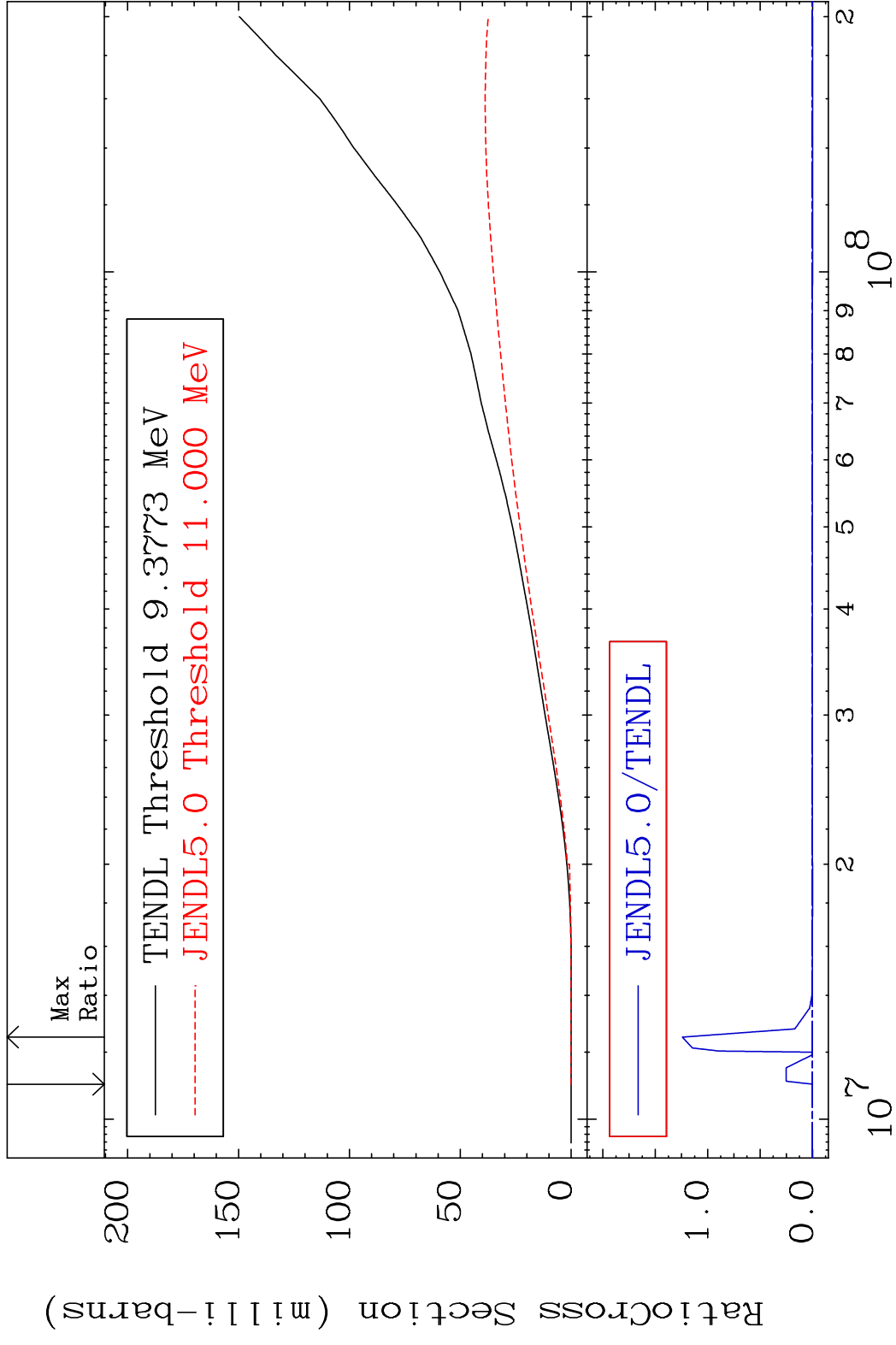
45 Incident Energy (eV) 44-Ru-98

MAT 4431 Deuterium Production 44-Ru-98  
 Cross Section -100.0 To 3824. %



46 44-Ru-98

MAT 4431 Tritium Production 44-Ru-98  
 Cross Section -100.0 To 9999. %



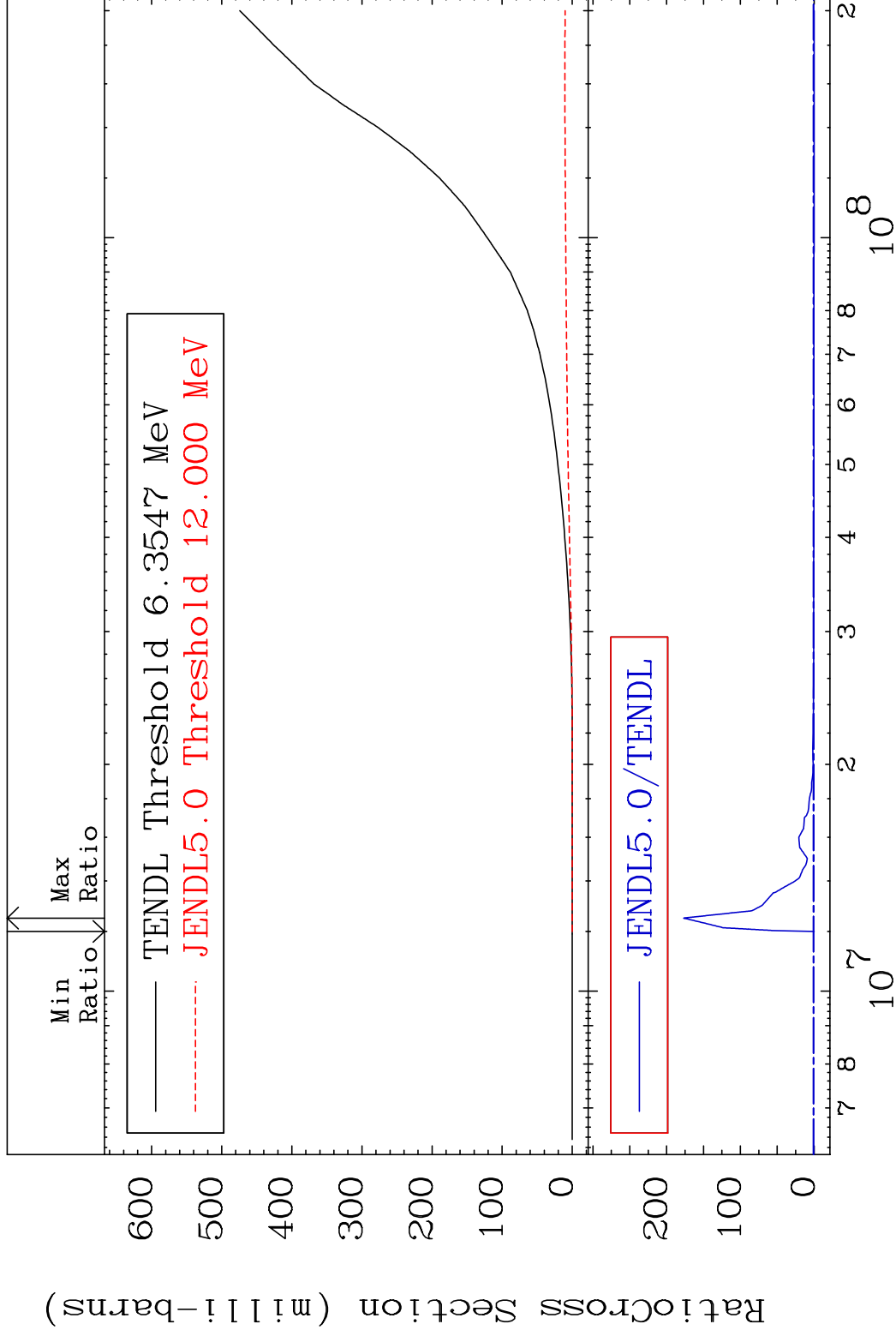
47 44-Ru-98

MAT 4431

He-3 Production

44-Ru-98

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

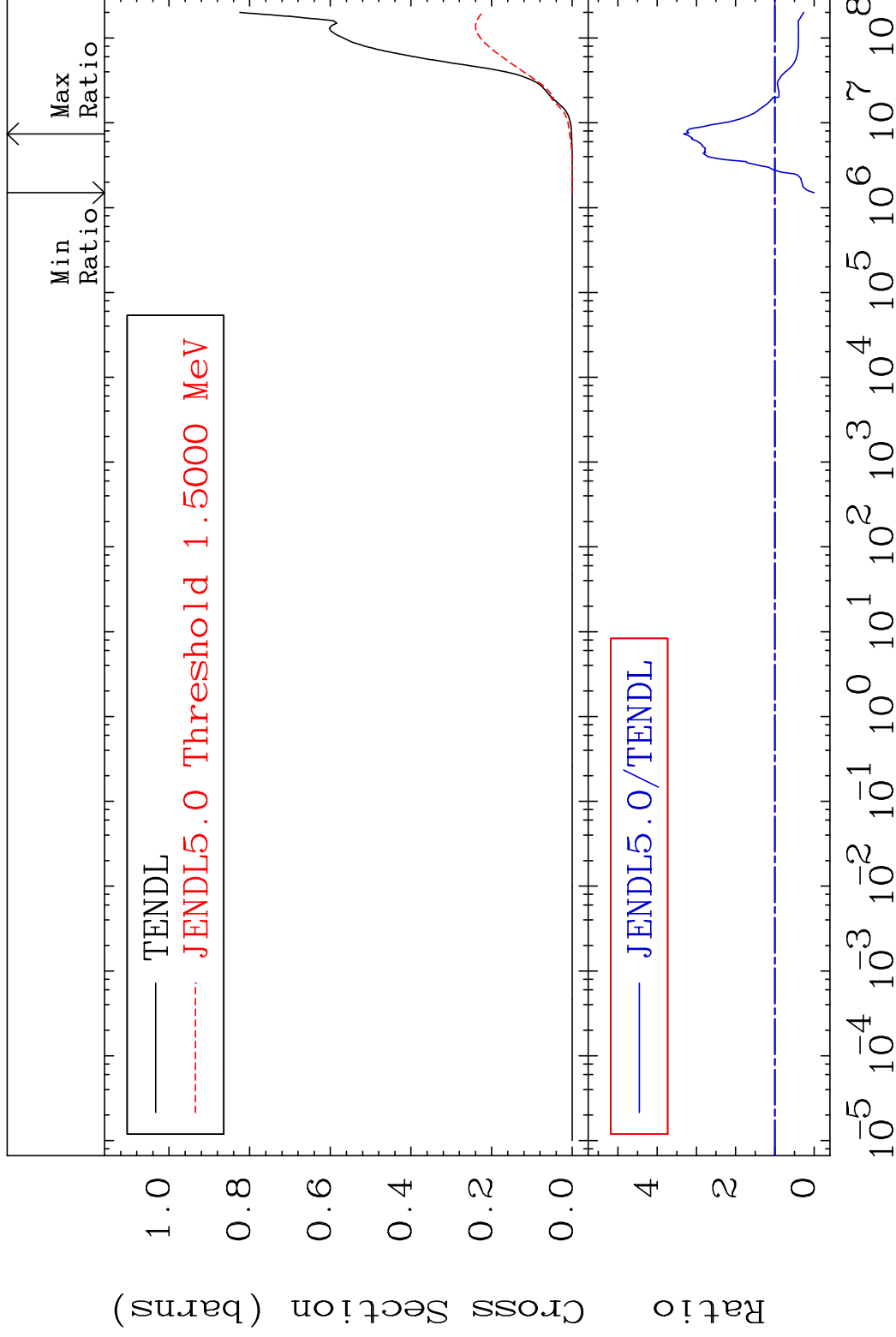
44-Ru-98

MAT 4431

He-4 Production

44-Ru-98

Cross Section -100.0 To 232.4 %

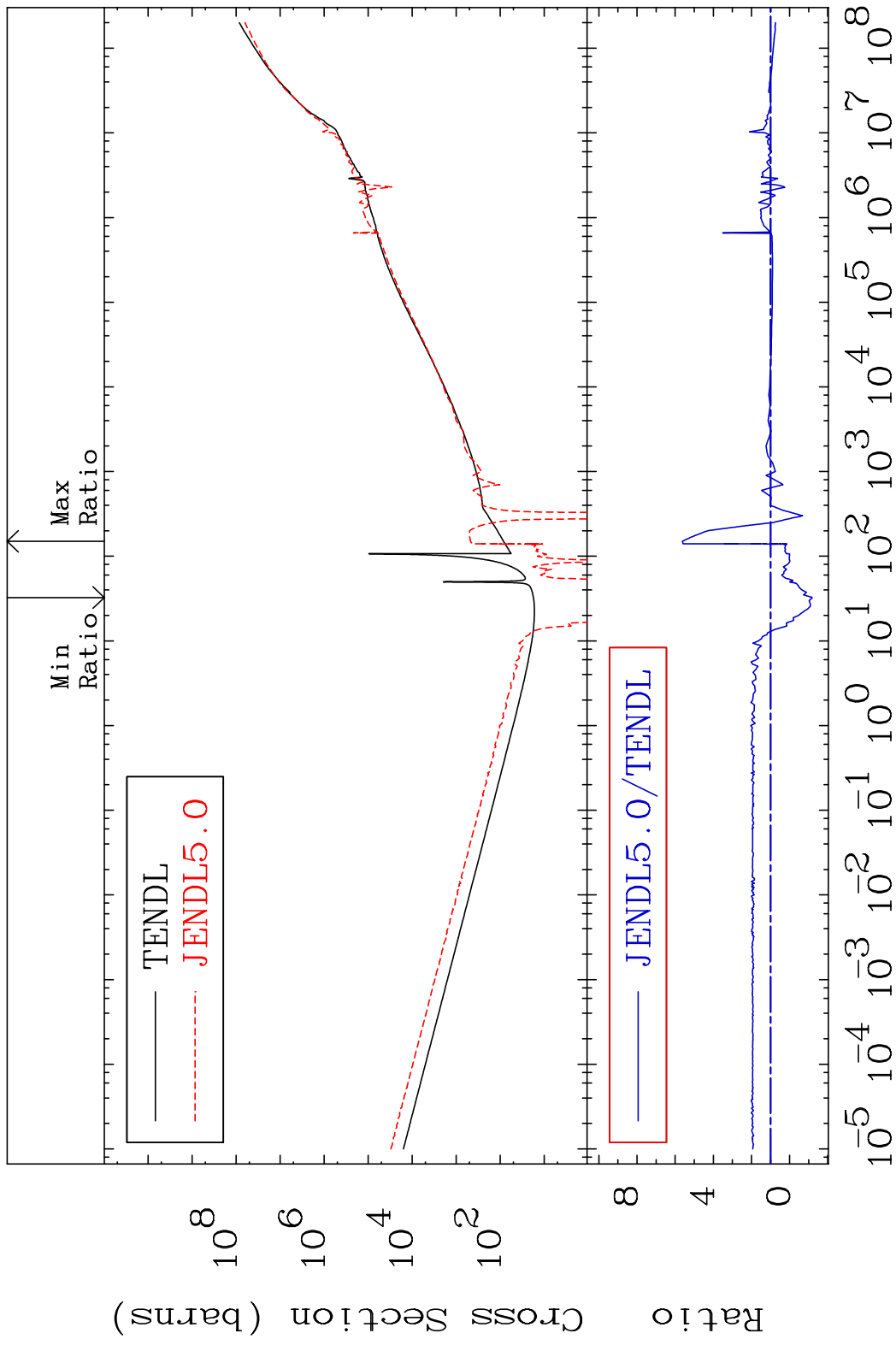


49

Incident Energy (eV)

44-Ru-98

MAT 4431 Kerma total (eV-barns) 44-Ru-98  
Cross Section -220.3 To 462.4 %

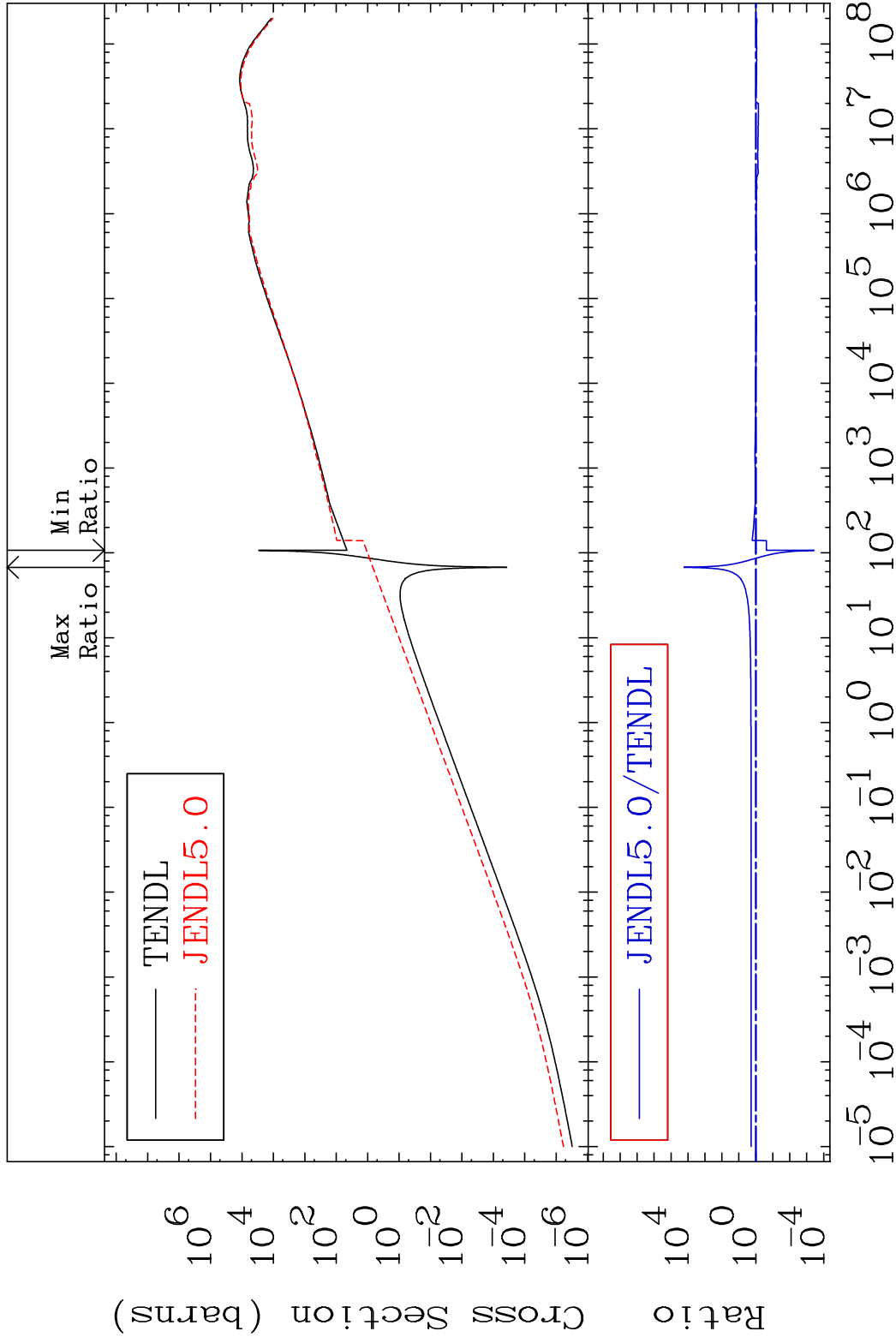


MAT 4431

Kerma elastic

44-Ru-98

Cross Section -99.96 To 9999. %

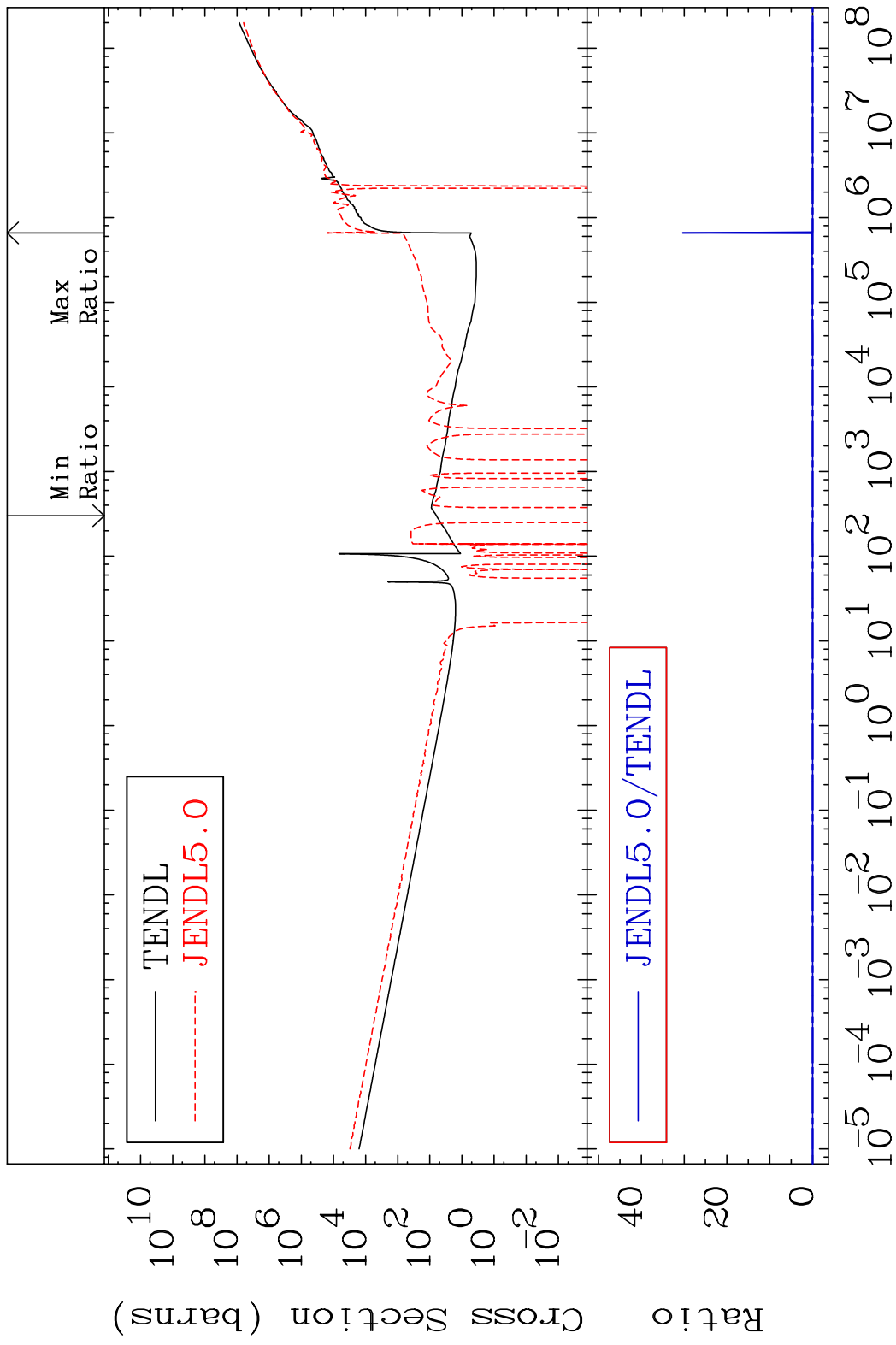


51

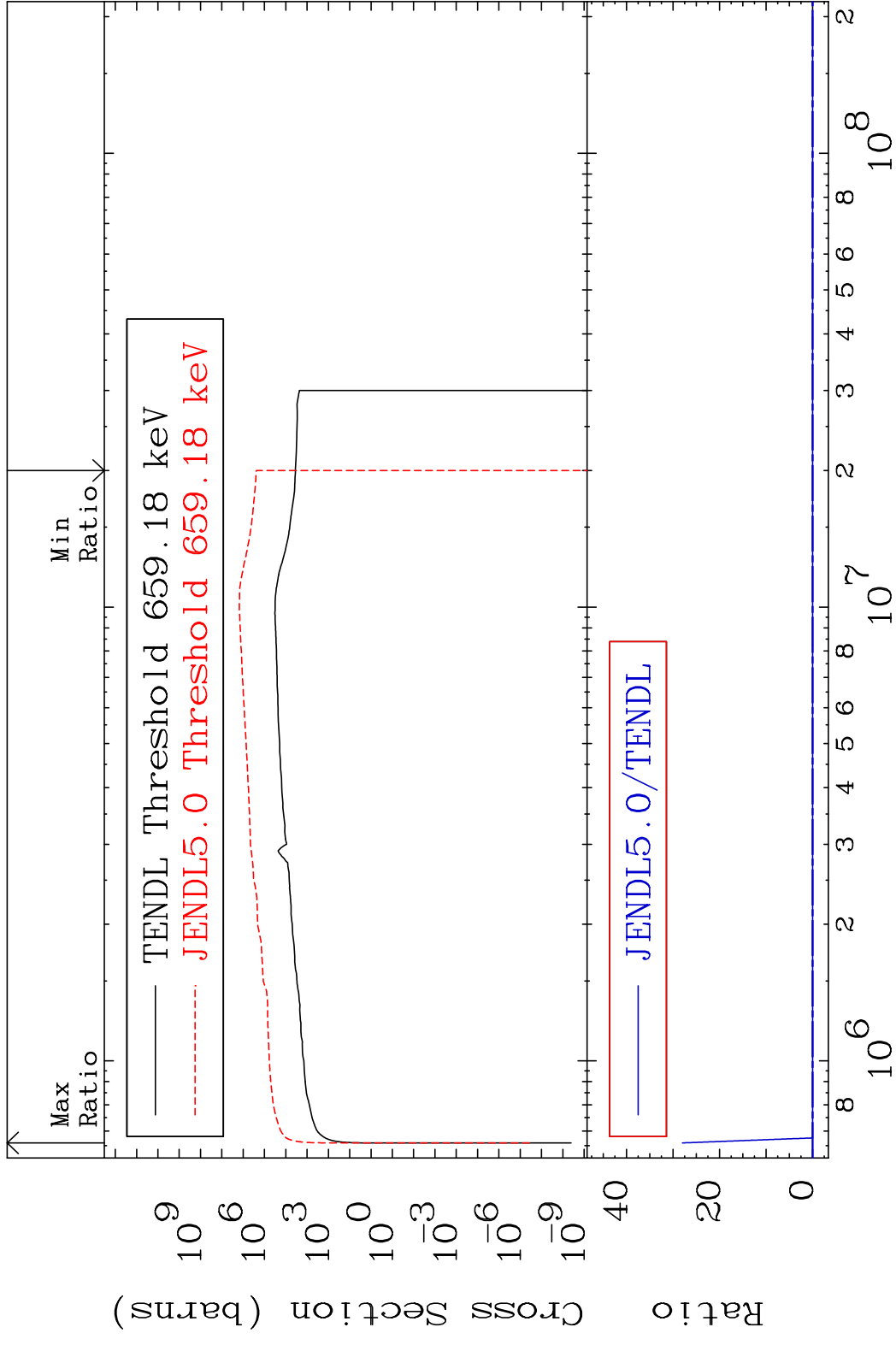
Incident Energy (eV)

44-Ru-98

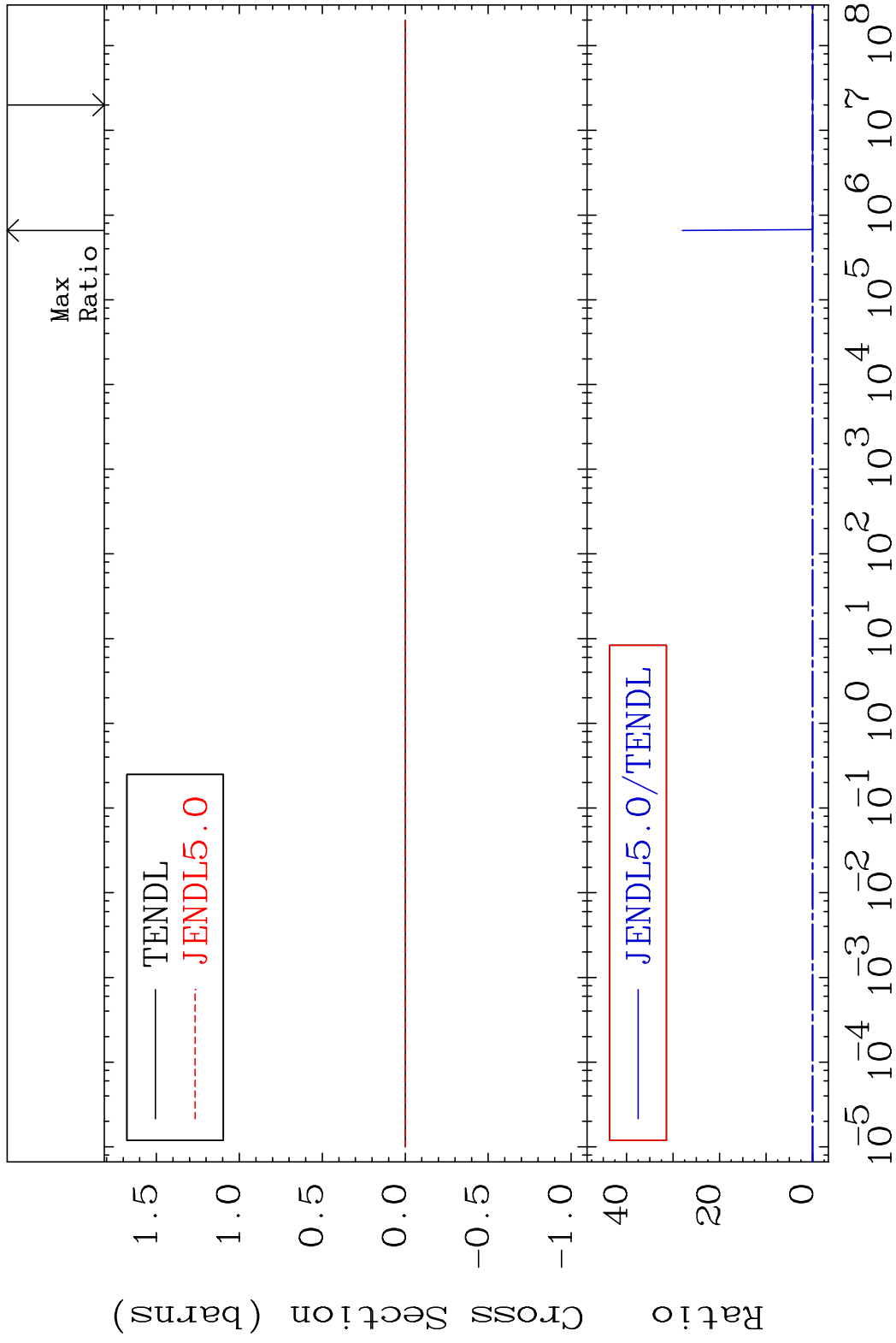
MAT 4431 Kerma non-elastic (all but mt2) 44-Ru-98  
 Cross Section -551.3 To 9999. %



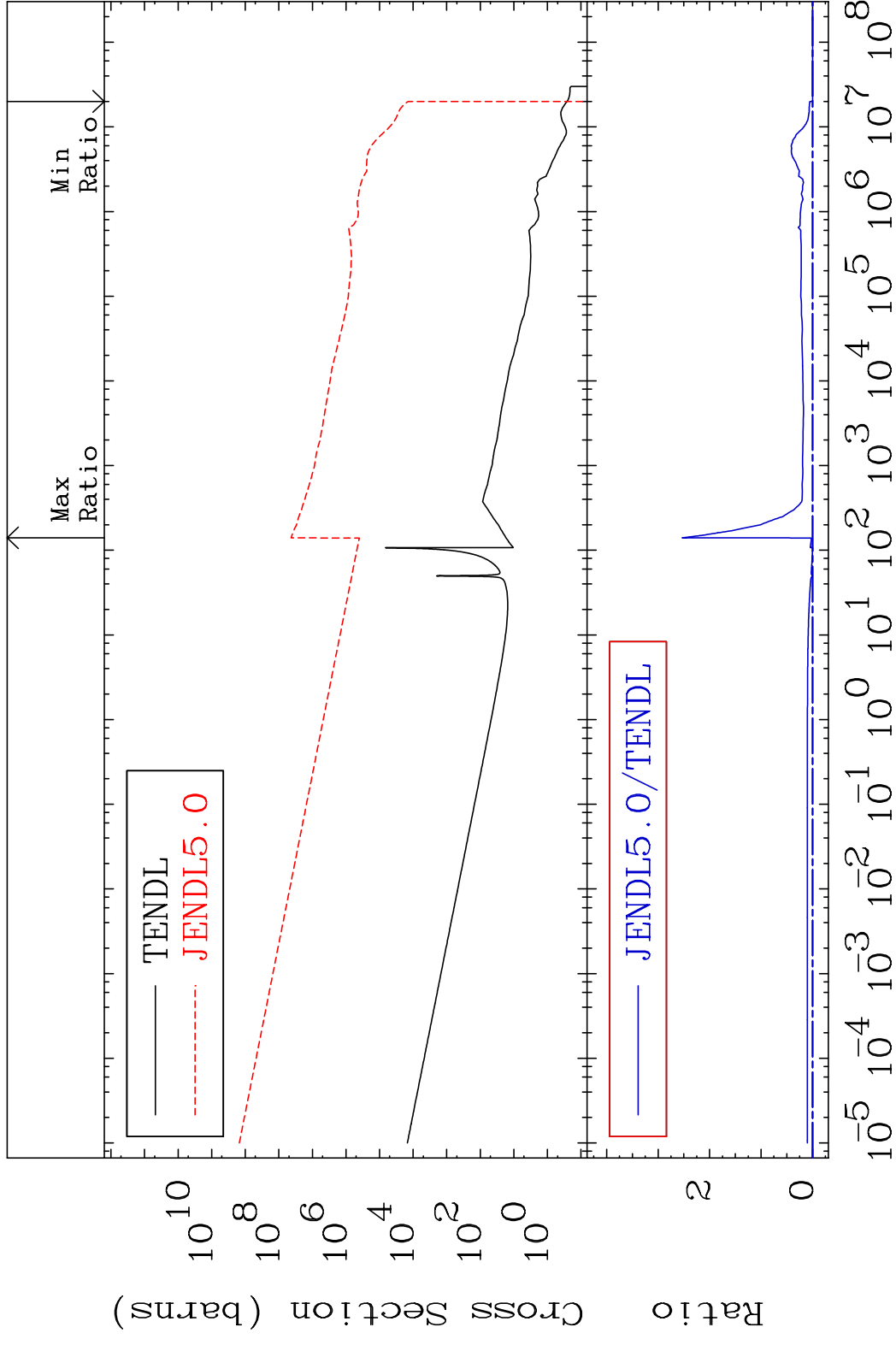
MAT 4431 Kerma inelastic (mt51-91) 44-Ru-98  
 Cross Section -100.0 To 9999. %



MAT 4431 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-98  
 Cross Section -100.0 To 9999. %

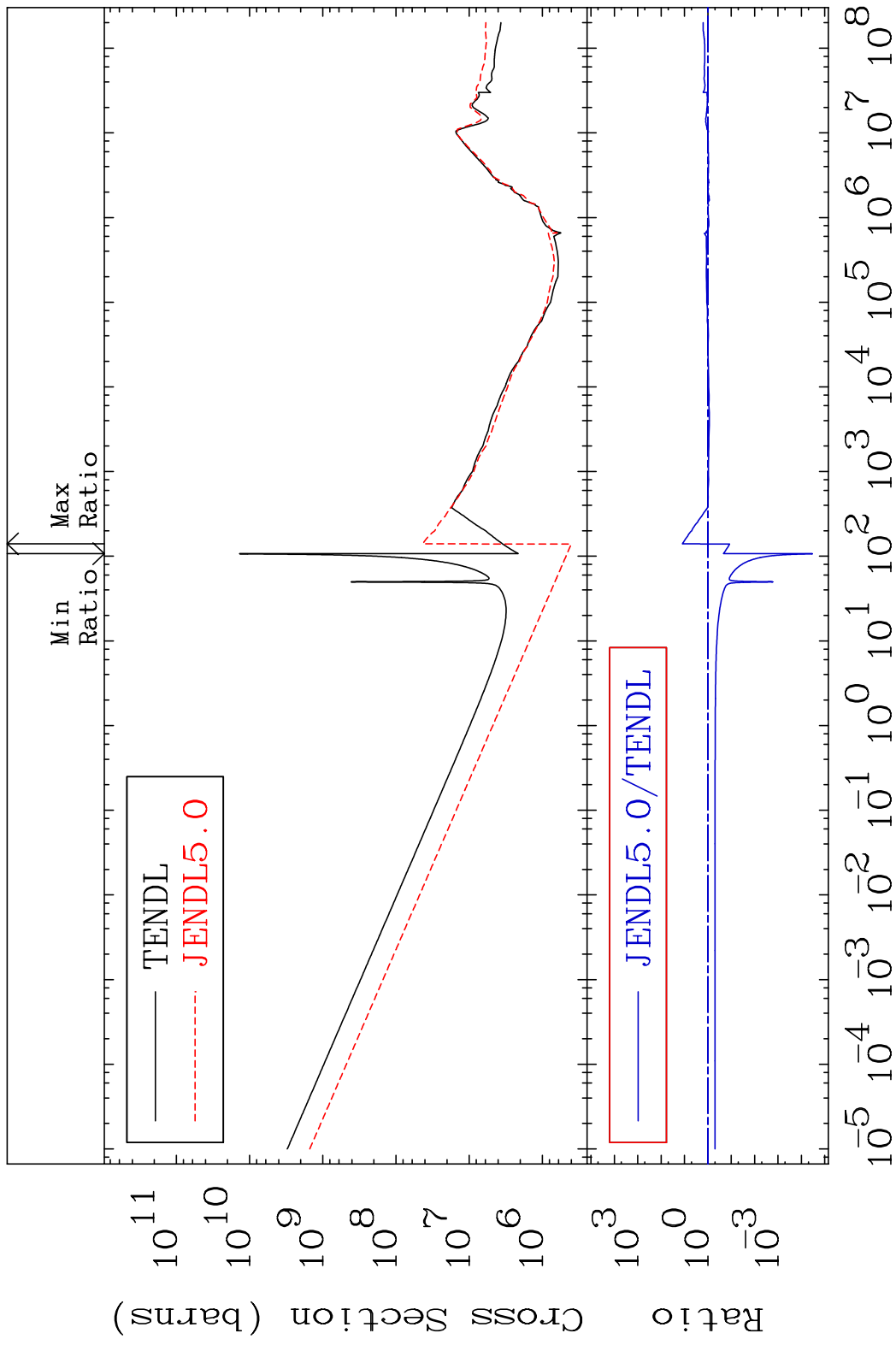


MAT 4431 Kerma capture (mt102) 44-Ru-98  
 Cross Section -100.0 To 9999. %



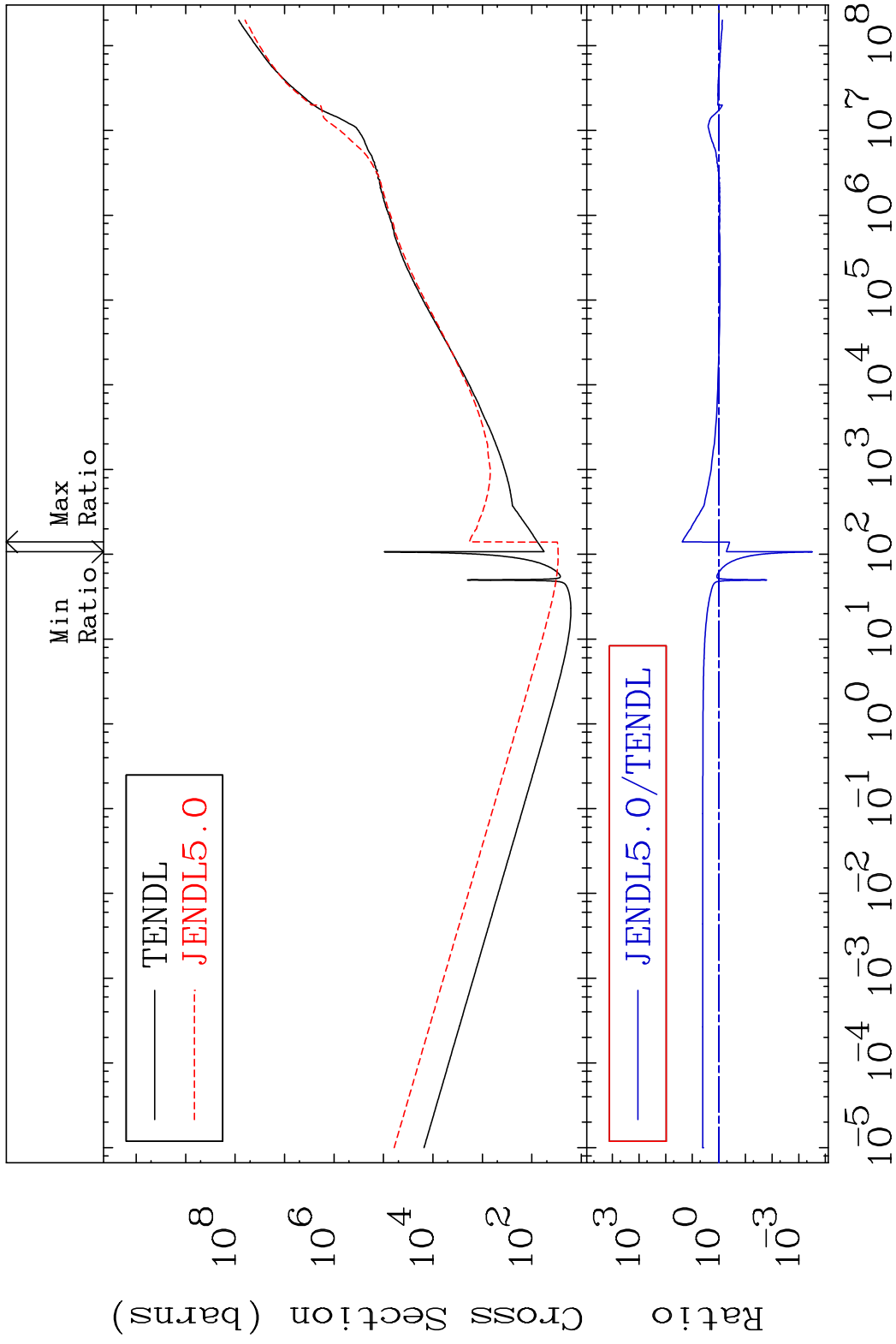
55 Incident Energy (eV) 44-Ru-98

MAT 4431 Total photon (eV-barns) 44-Ru-98  
 Cross Section -100.0 To 1133. %



56 44-Ru-98

MAT 4431 Total kinematic kerma (high limit) 44-Ru-98  
Cross Section -99.97 To 2298. %

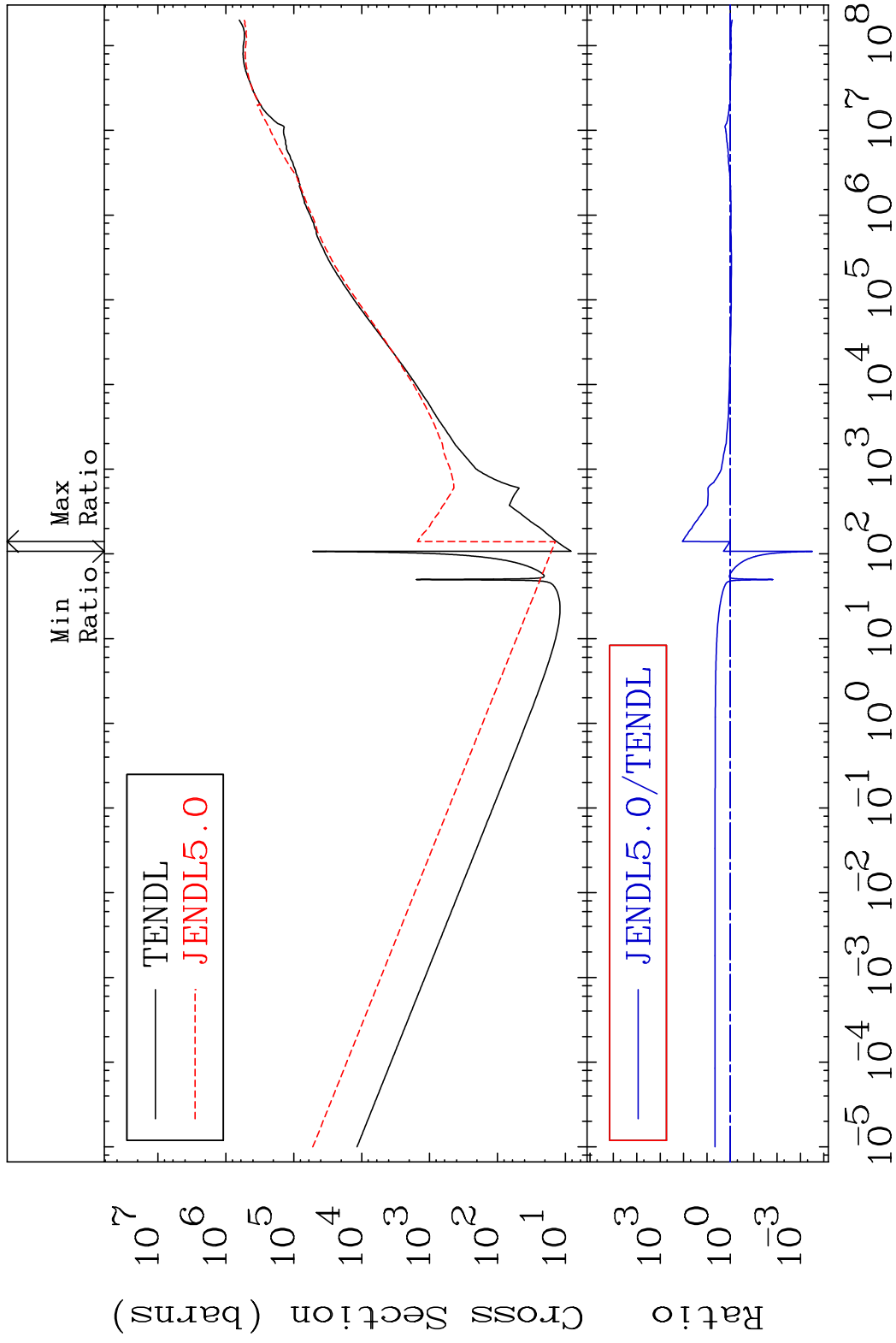


MAT 4431

Dpa total (eV-barns)

44-Ru-98

Cross Section -99.97 To 9999. %



58

Incident Energy (eV)

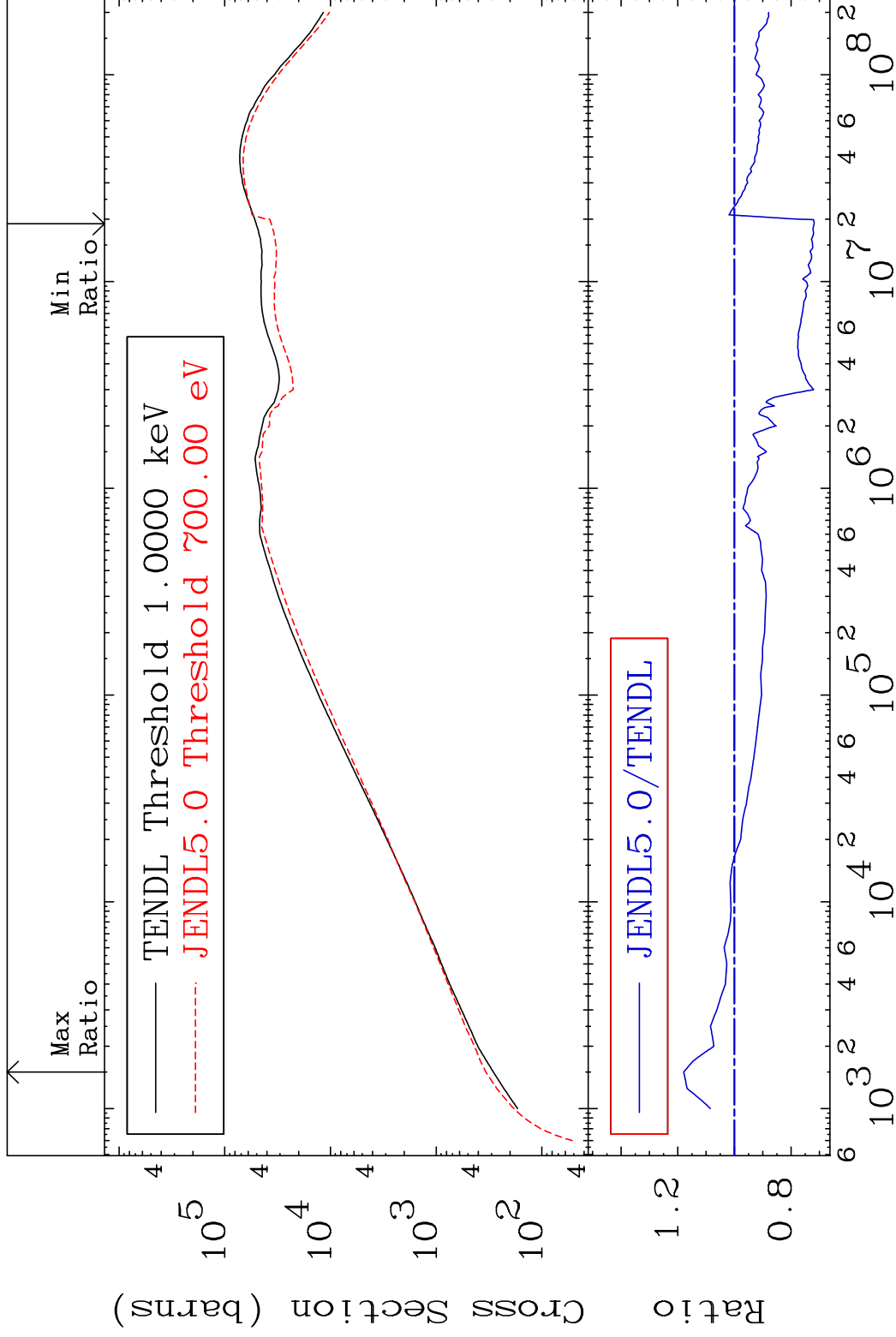
44-Ru-98

MAT 4431

Dpa elastic (mt2)

44-Ru-98

Cross Section -28.12 To 17.89 %

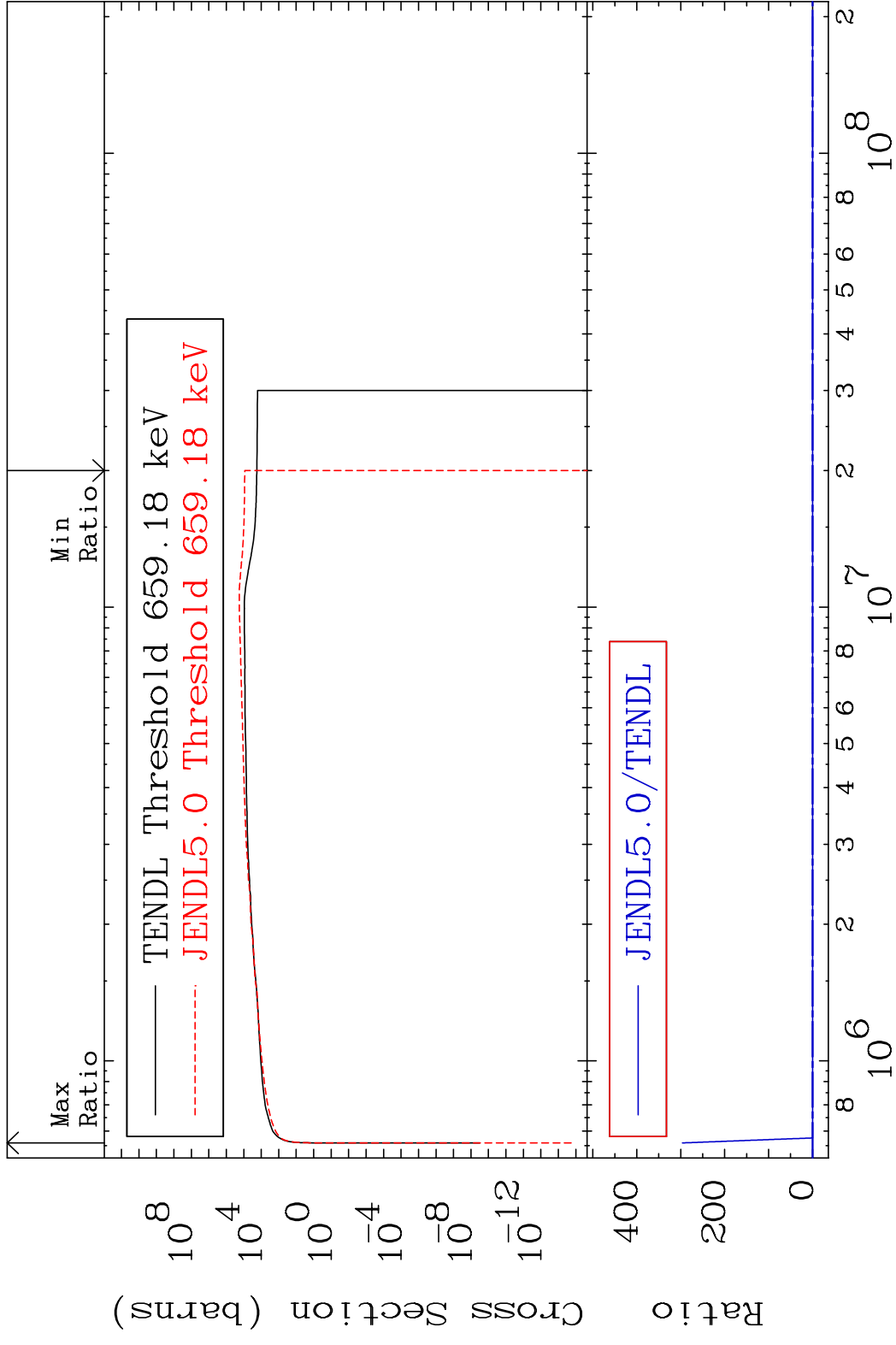


59

Incident Energy (eV)

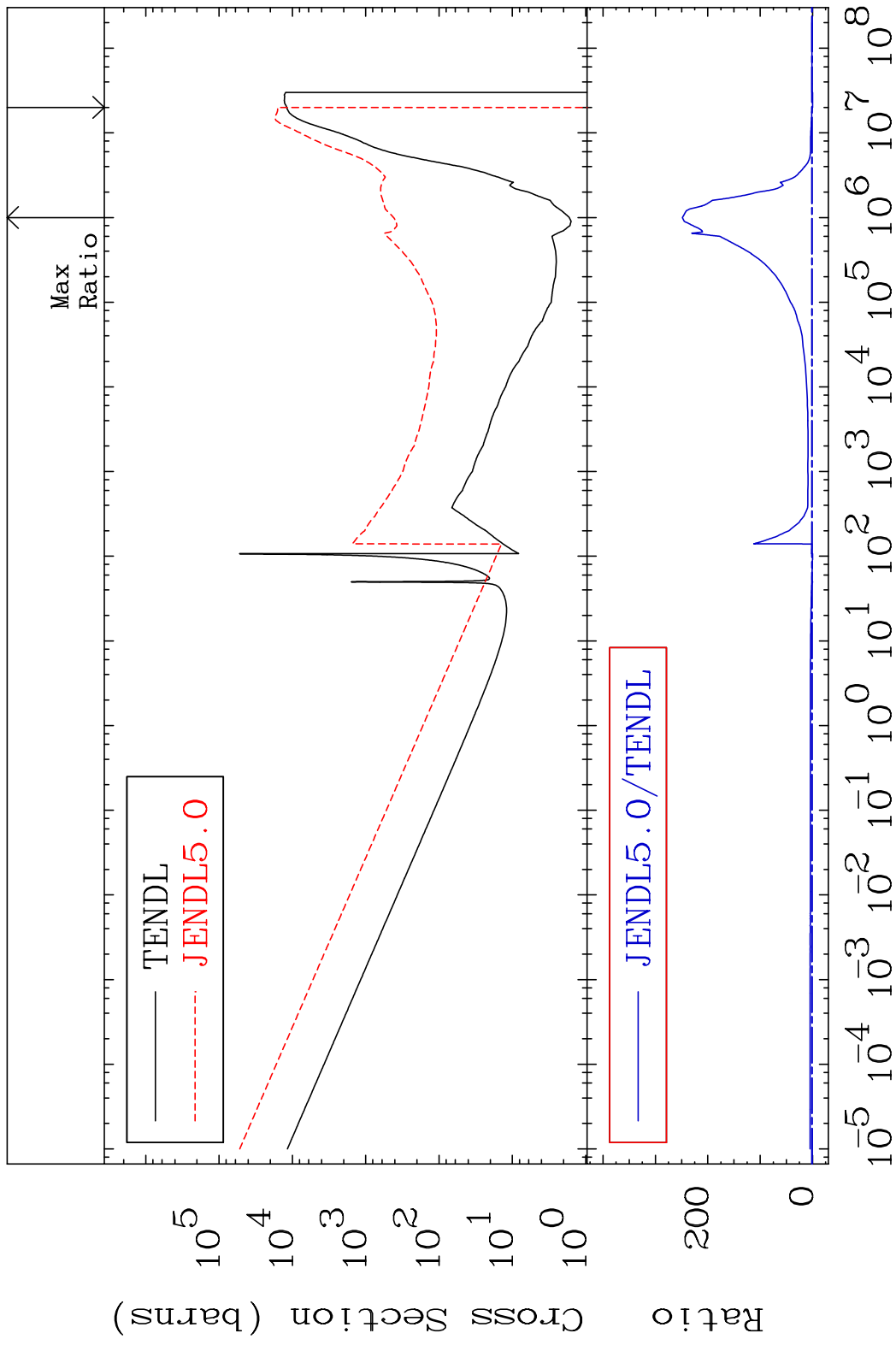
44-Ru-98

MAT 4431 Dpa inelastic (mt51-91) 44-Ru-98  
 Cross Section -100.0 To 9999. %

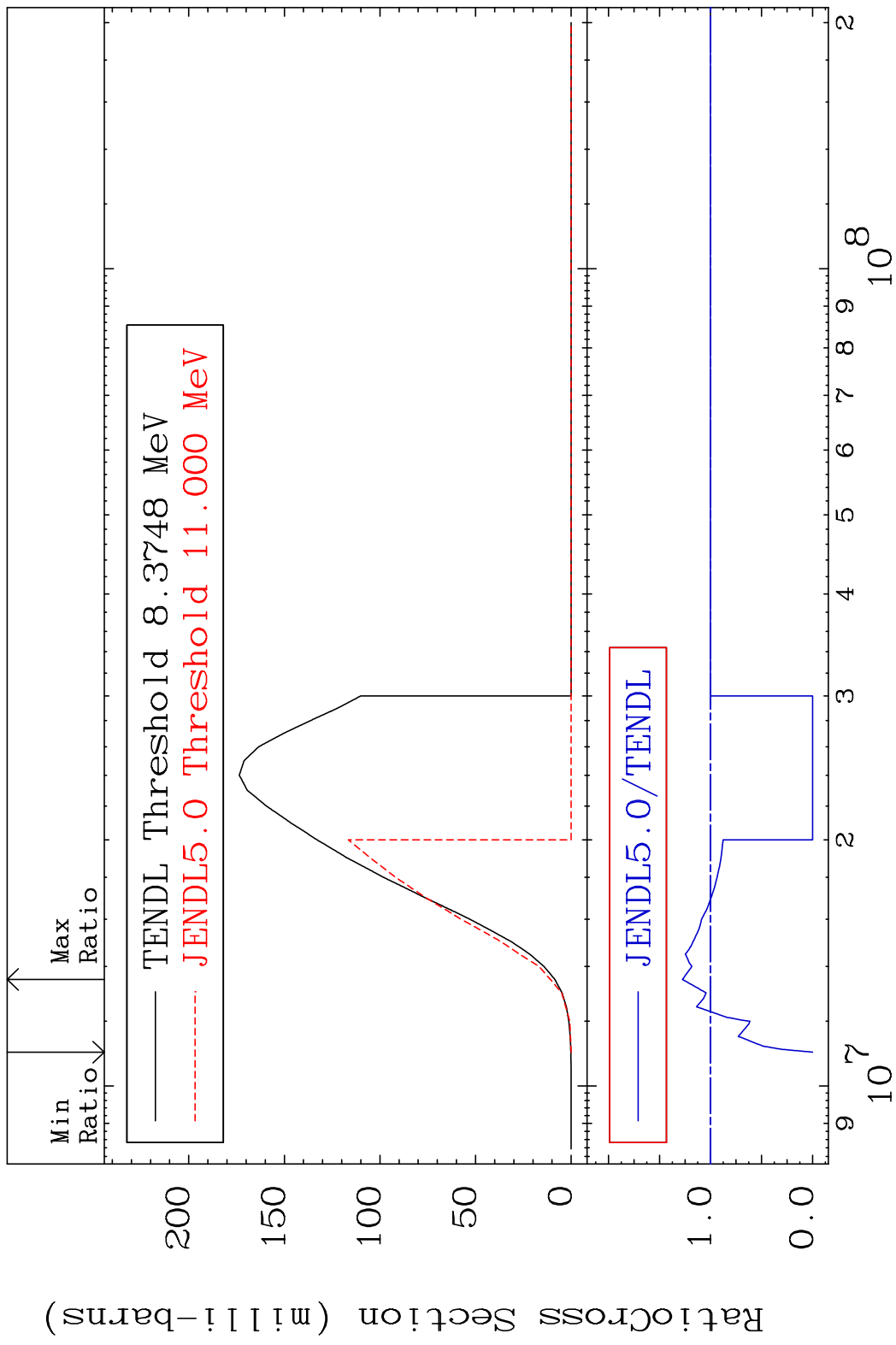


60 Incident Energy (eV) 44-Ru-98

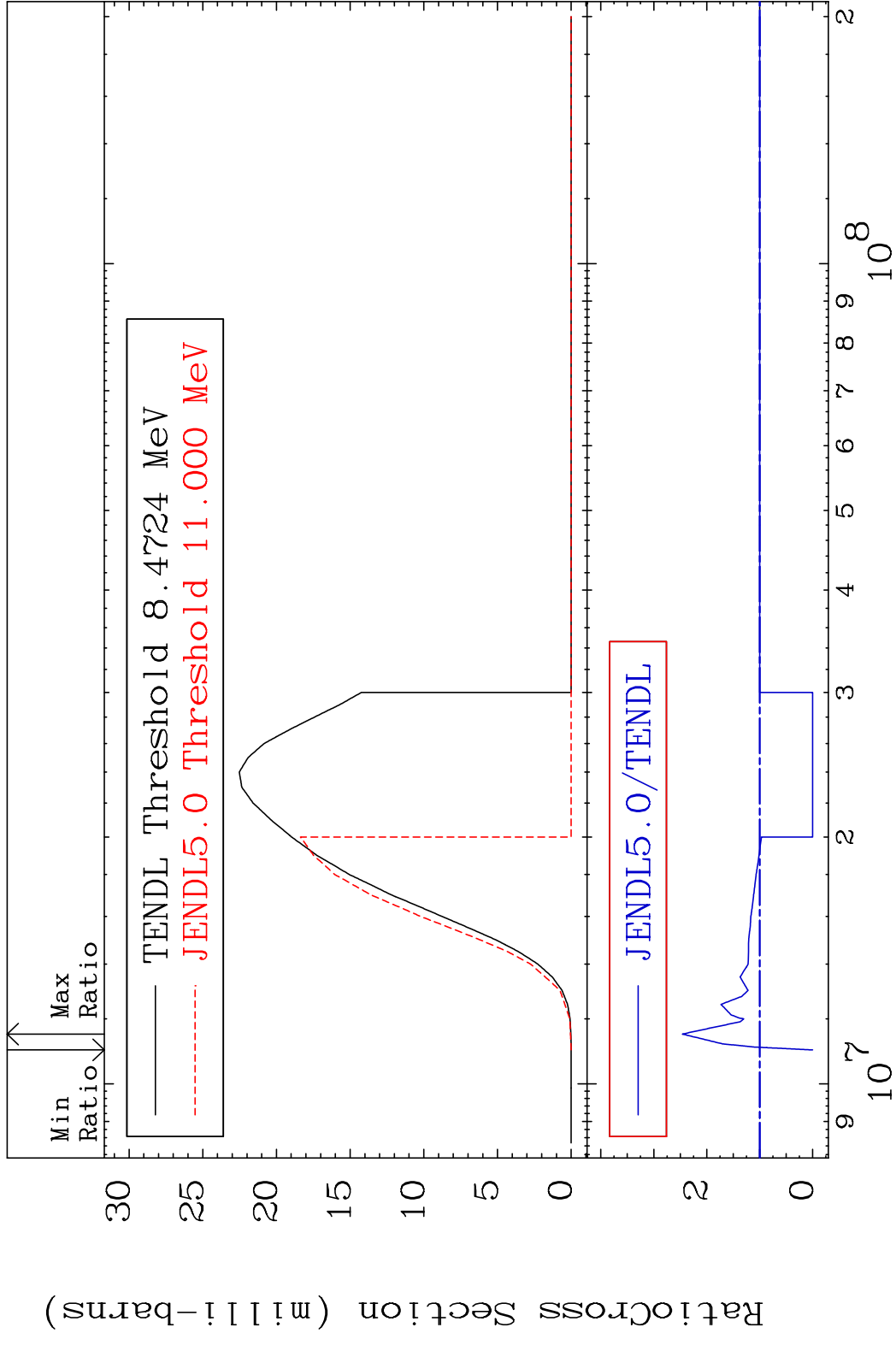
MAT 4431 Dpa disappearance (mt102 -120) 44-Ru-98  
 Cross Section -100.0 To 9999. %



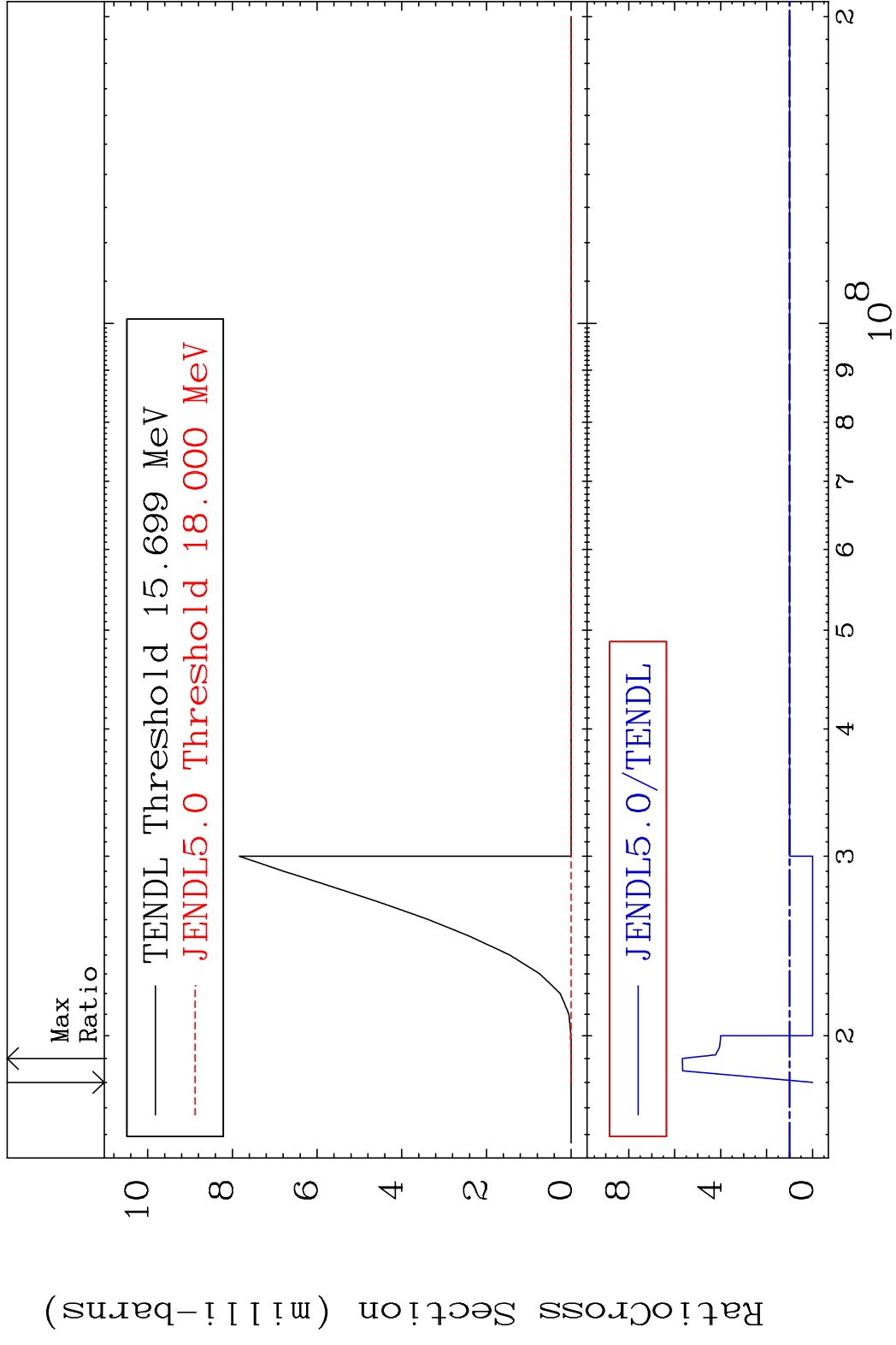
MAT 4431 (n, n') p:43-Tc-97g 44-Ru-98  
 Radionuclide Production Cross Section Ratio 27.61 %



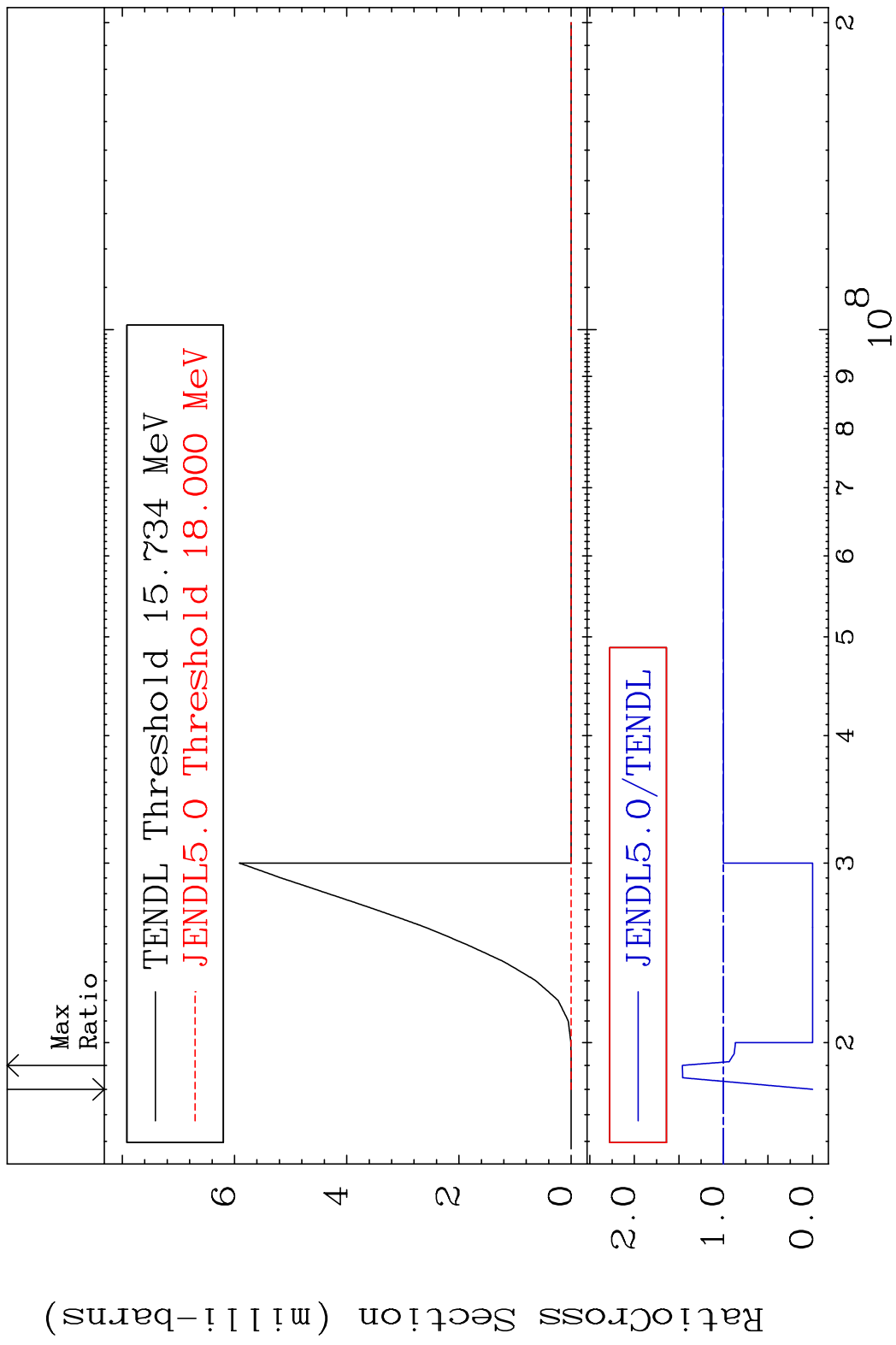
MAT 4431 (n, n') p:43-Tc-97m1 44-Ru-98  
 Radionuclide Production Cross Section 180.0 dno 146.0 %



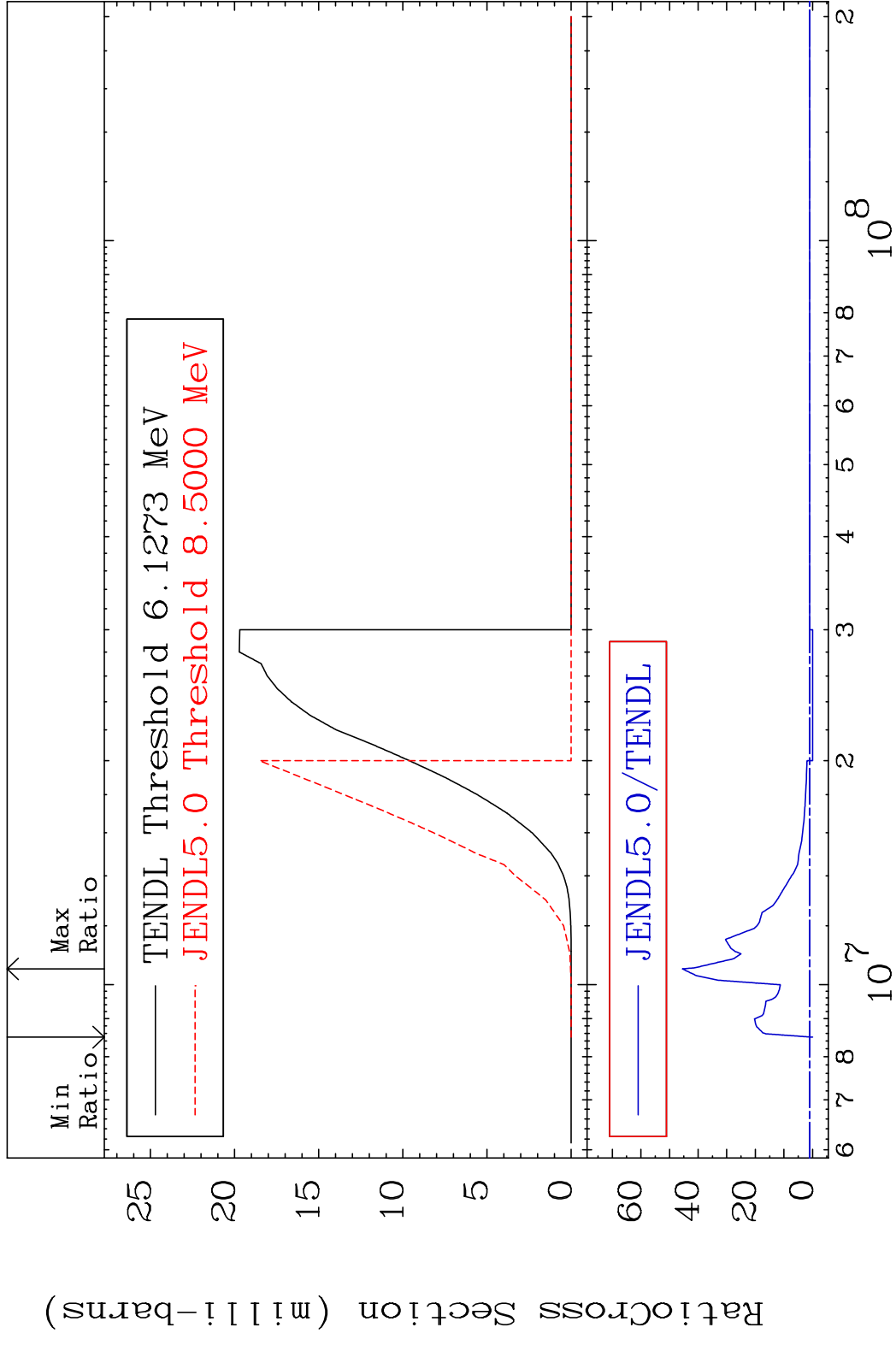
MAT 4431 (n, n') d:43-Tc-96g 44-Ru-98  
 Radionuclide Production Cross Section 180.01 dth 466.8 %



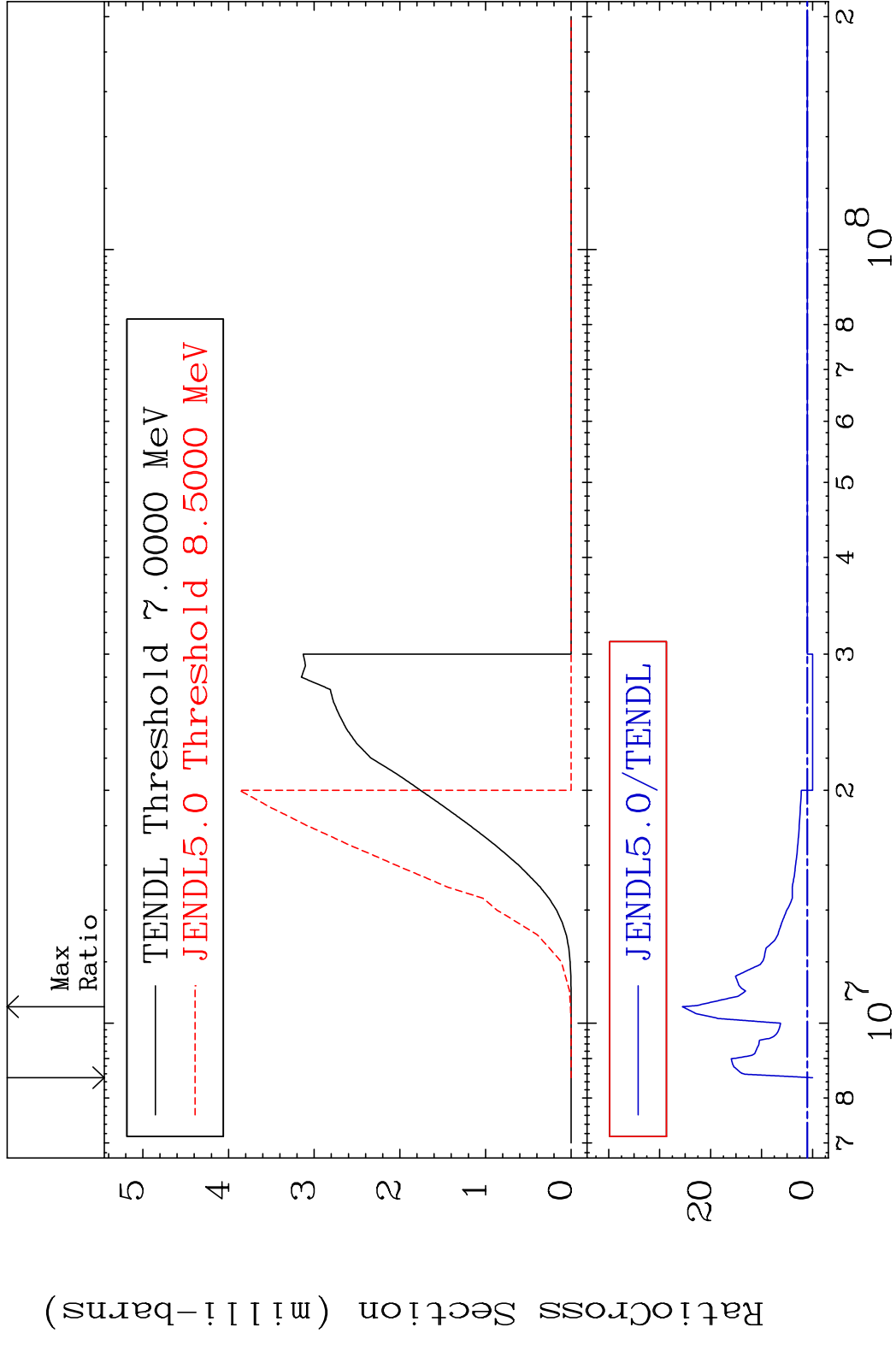
MAT 4431 (n, n') d:43-Tc-96m1 44-Ru-98  
 Radionuclide Production Cross Section 180.01 dth 46.12 %



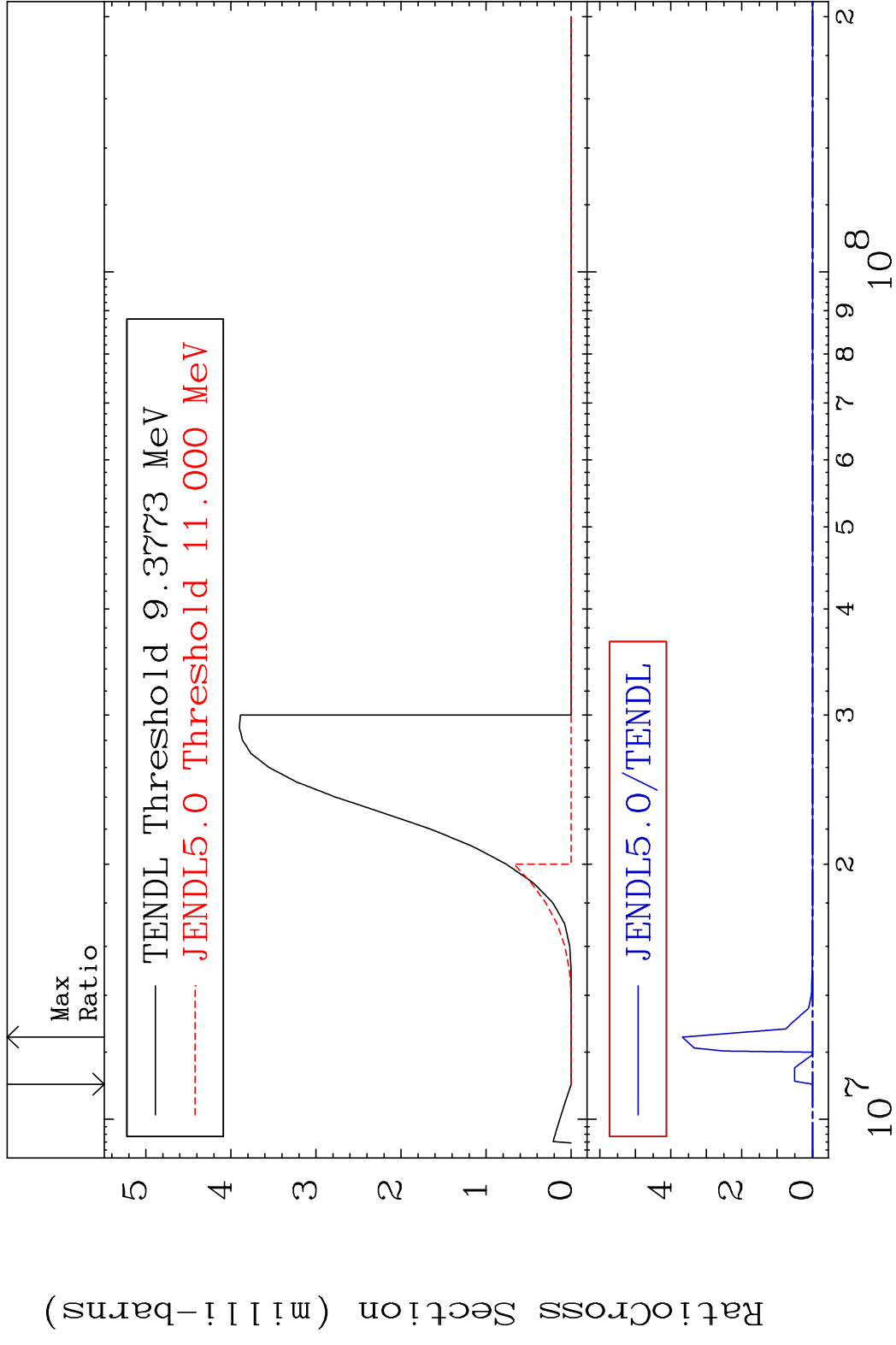
MAT 4431 (n, d) : 43-Tc-97g 44-Ru-98  
 Radionuclide Production Cross Section 1800 d to 4452. %



MAT 4431 (n,d):43-Tc-97m1 44-Ru-98  
 Radionuclide Production Cross Section 1800.0 dth 2454. %

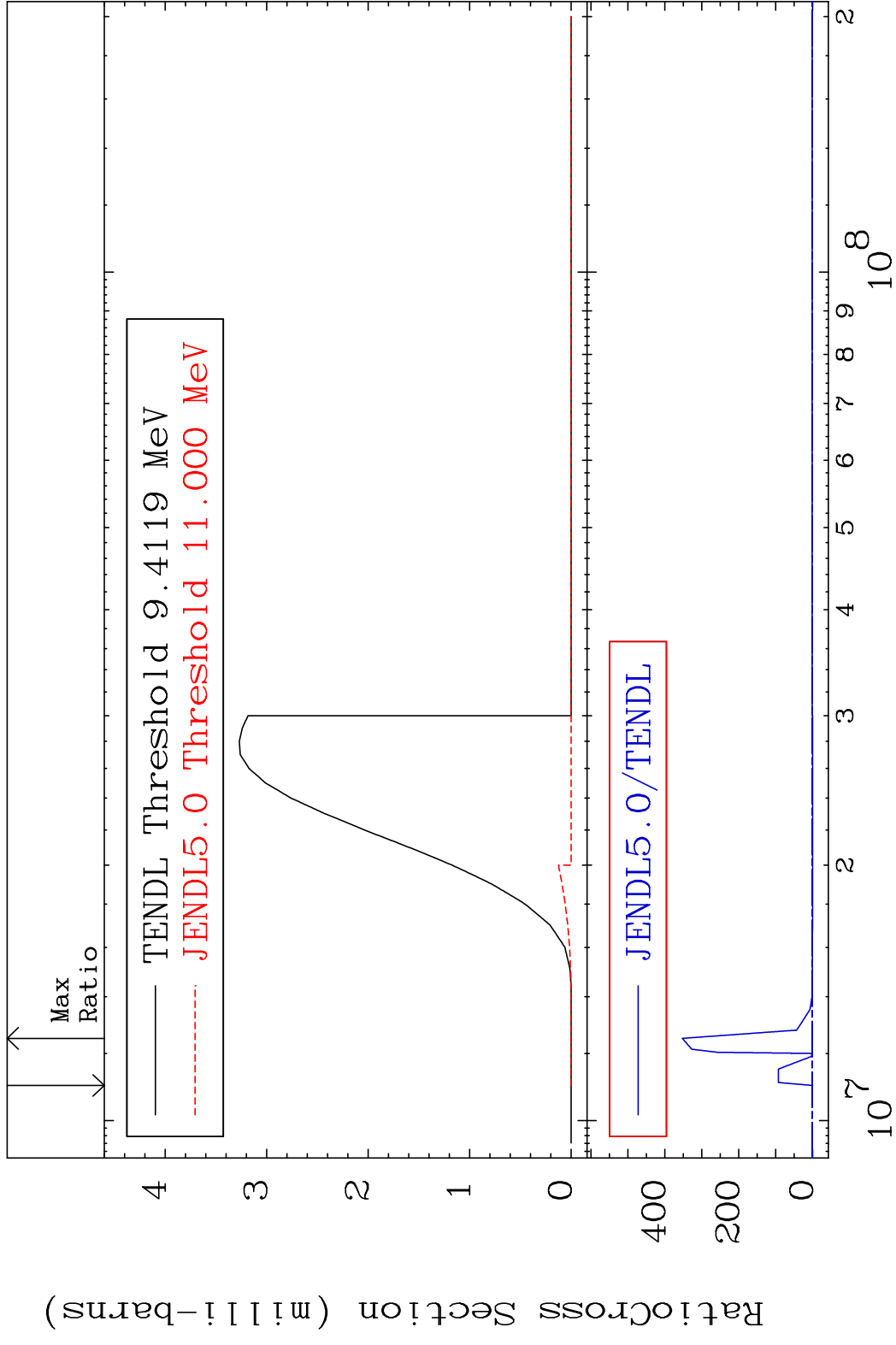


MAT 4431 (n, t): 43-Tc-96g 44-Ru-98  
 Radionuclide Production Cross Section Ratio 9999. %



68 Incident Energy (eV) 44-Ru-98

MAT 4431 (n, t): 43-Tc-96m1 44-Ru-98  
 Radionuclide Production Cross Section Ratio



69 Incident Energy (eV) 44-Ru-98