

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

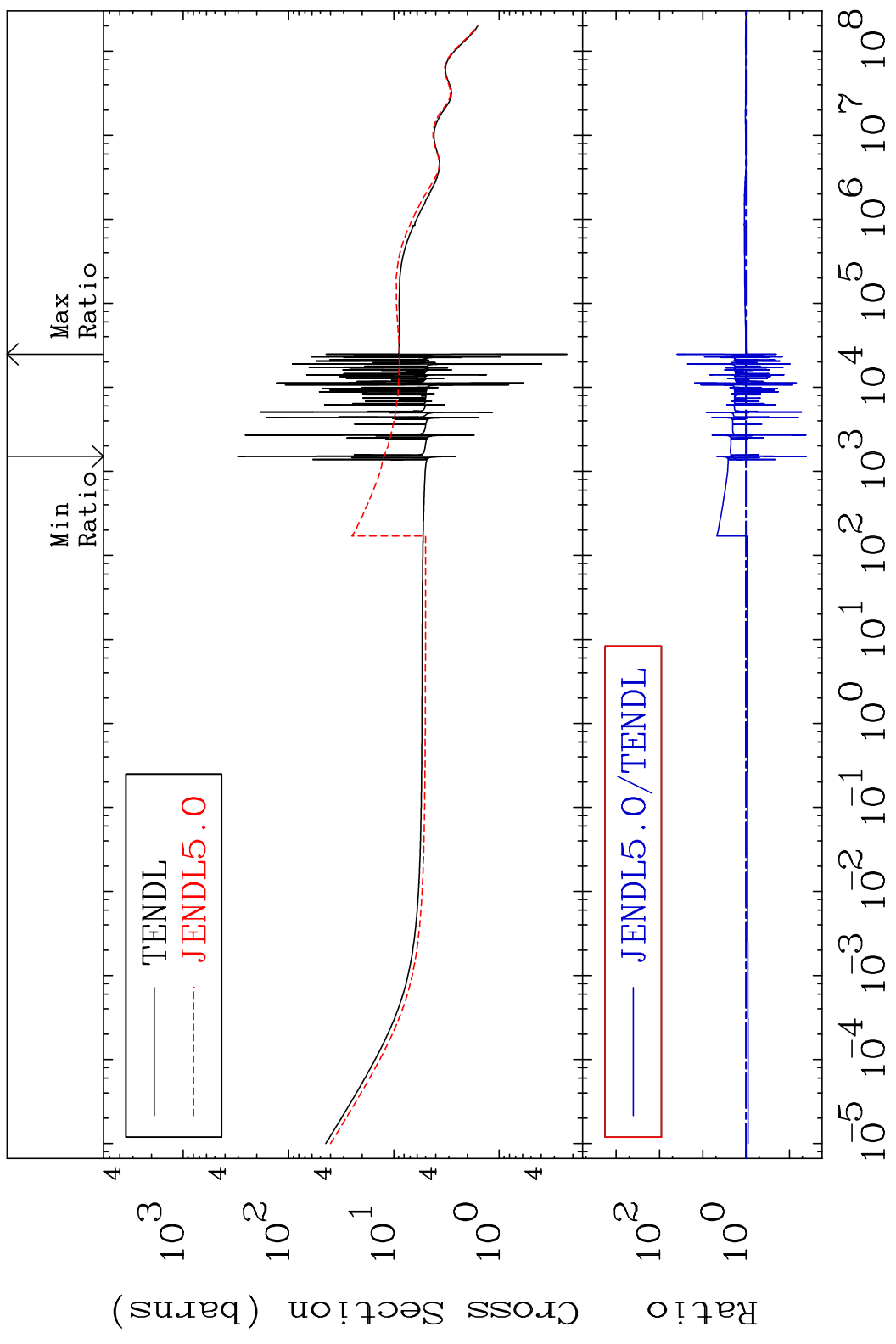
MAT 4425

Total

44-Ru-96

Cross Section

-95.95 To 3802. %



1

Incident Energy (eV)

44-Ru-96

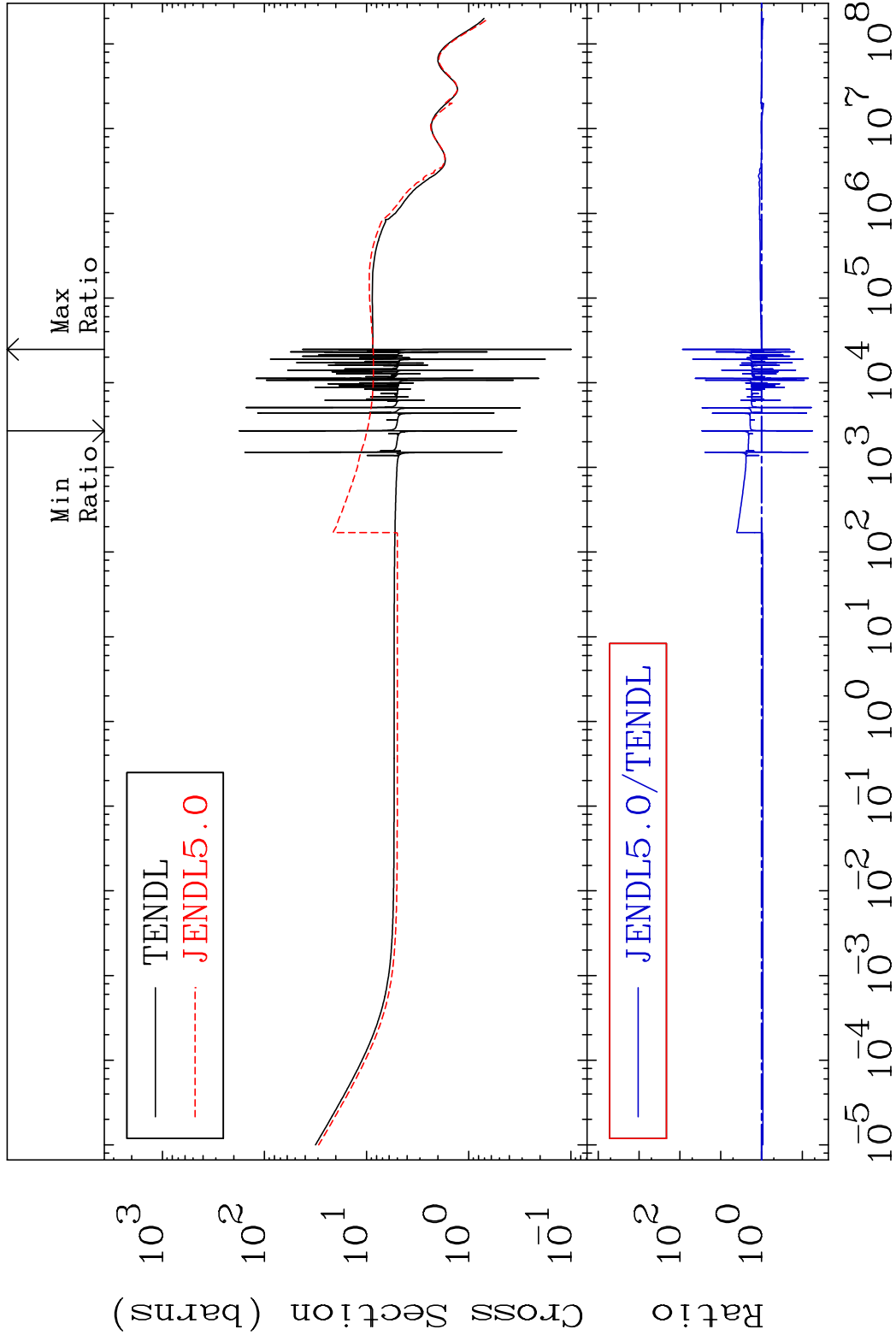
MAT 4425

Elastic

44-Ru-96

Cross Section

-94.37 To 8614. %

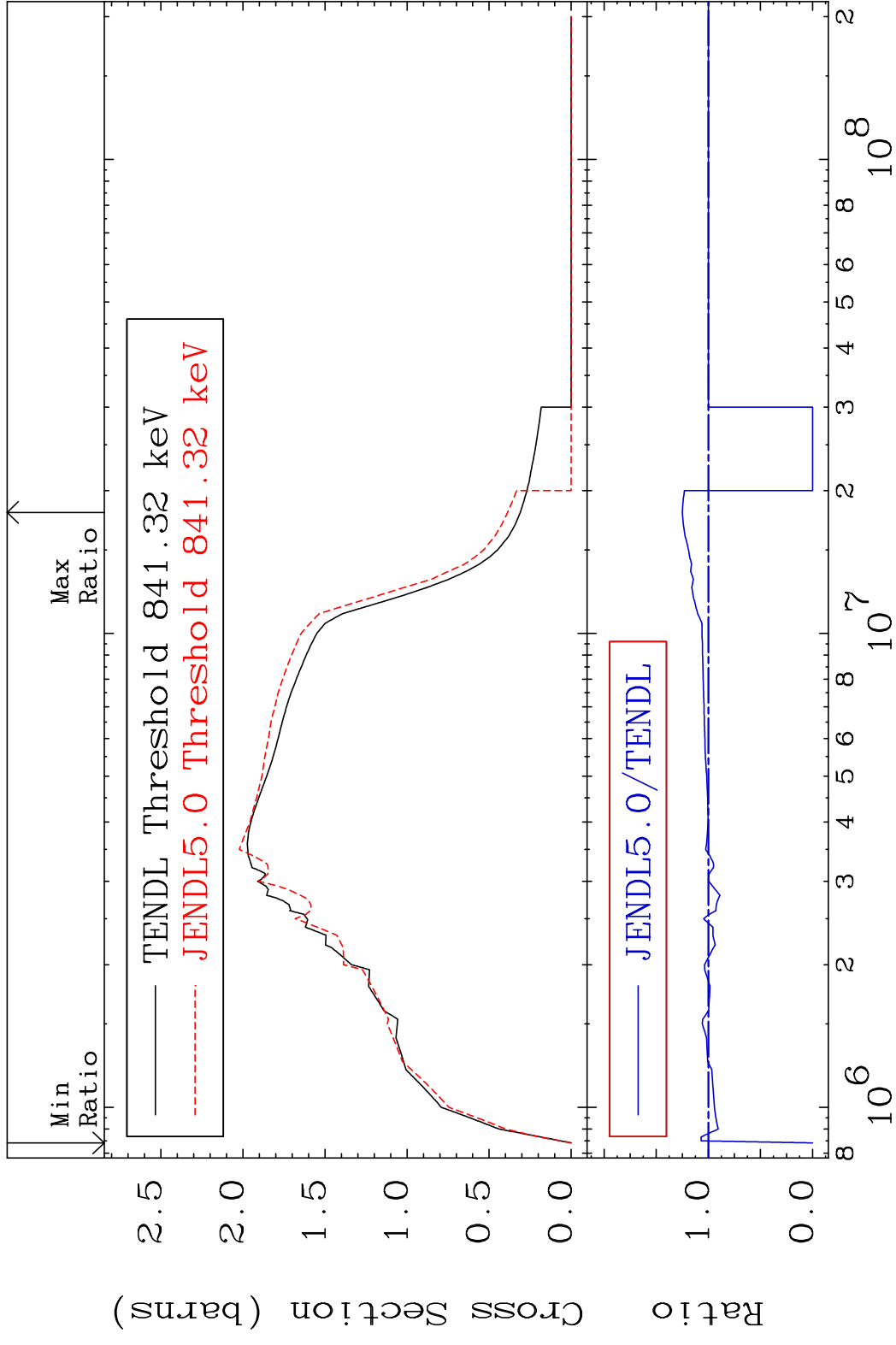


2

Incident Energy (eV)

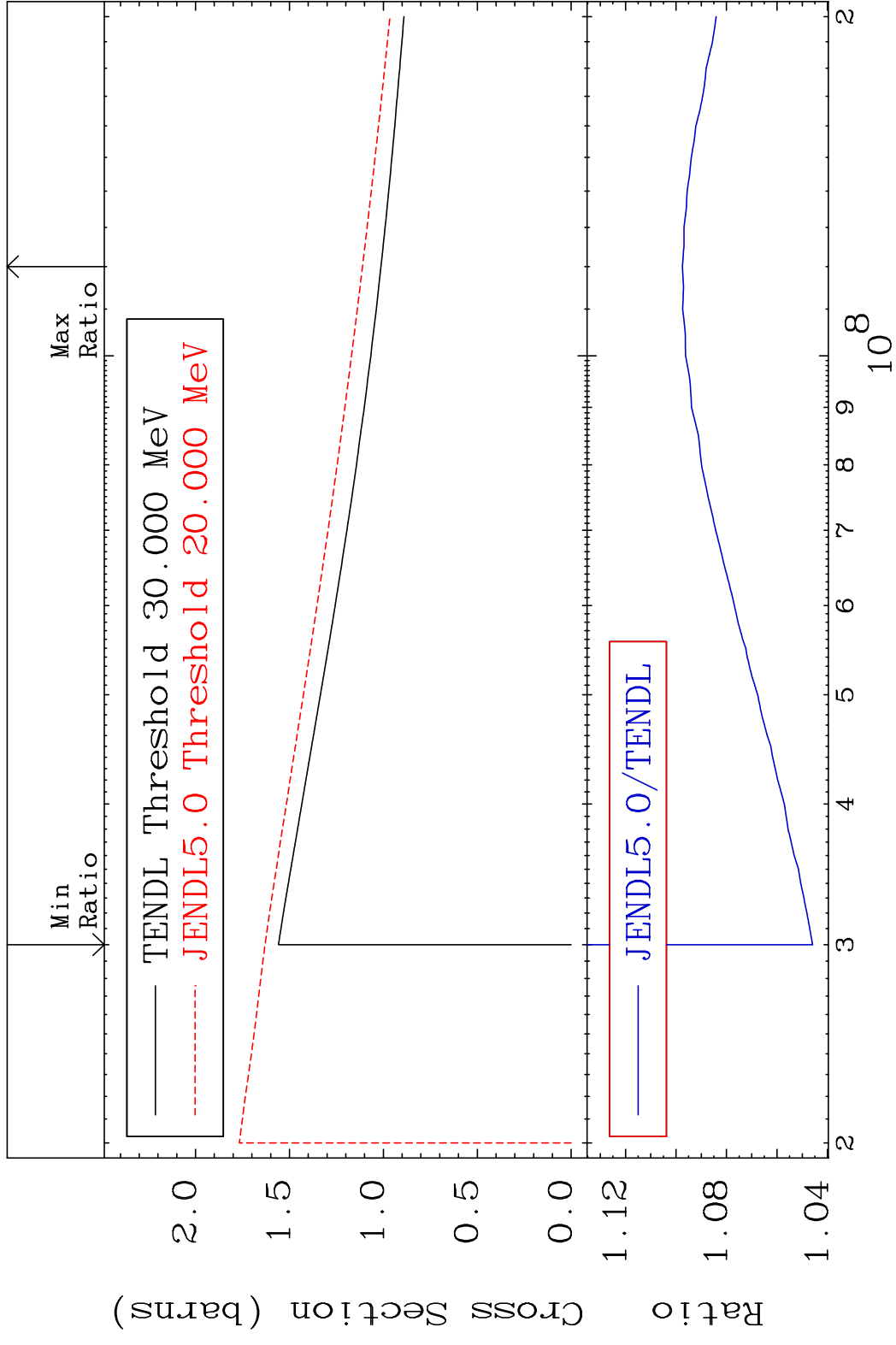
44-Ru-96

MAT 4425 Inelastic Cross Section -100.0 To 24.94 % 44-Ru-96



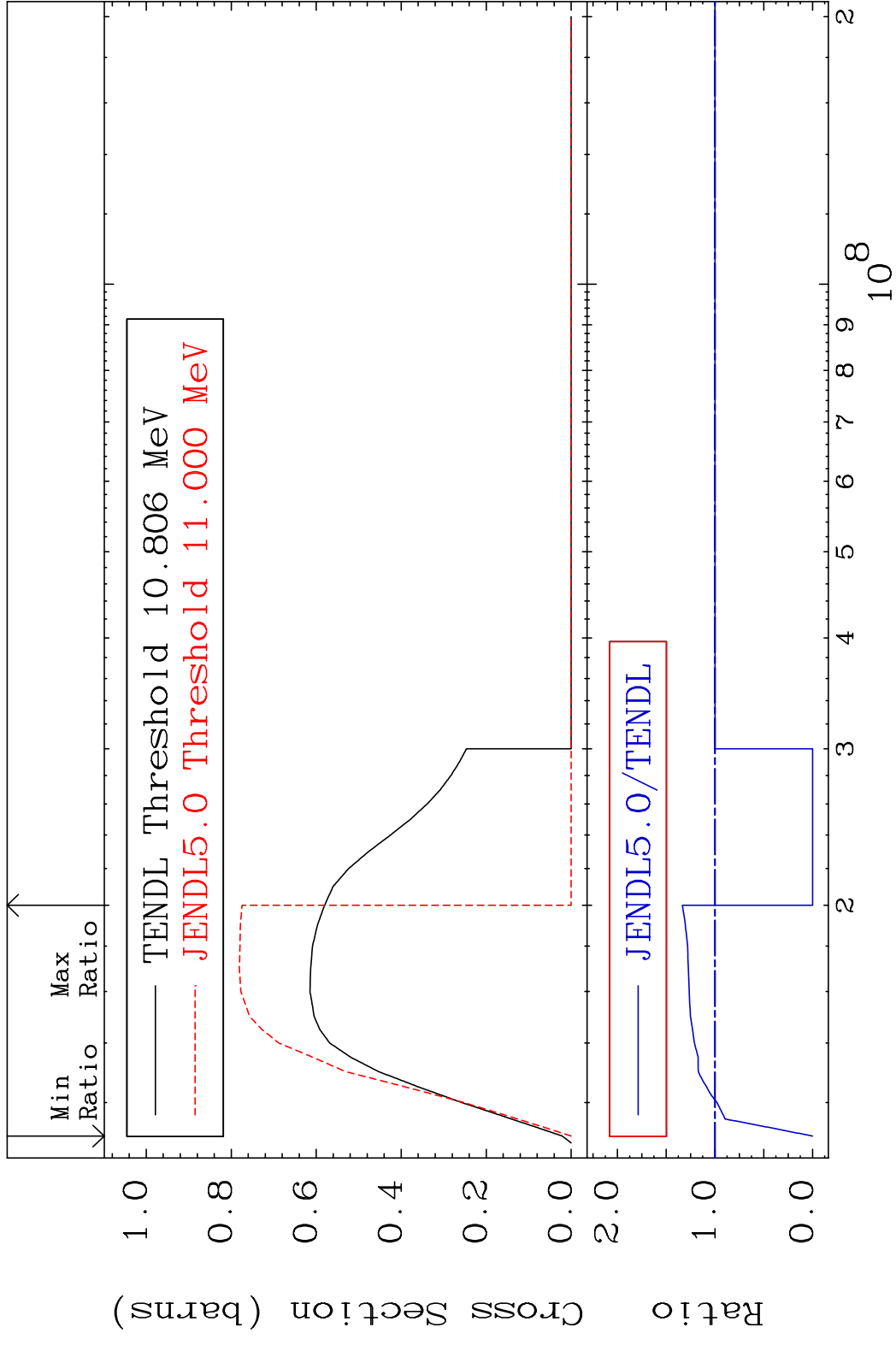
3 3 Incident Energy (eV) 44-Ru-96

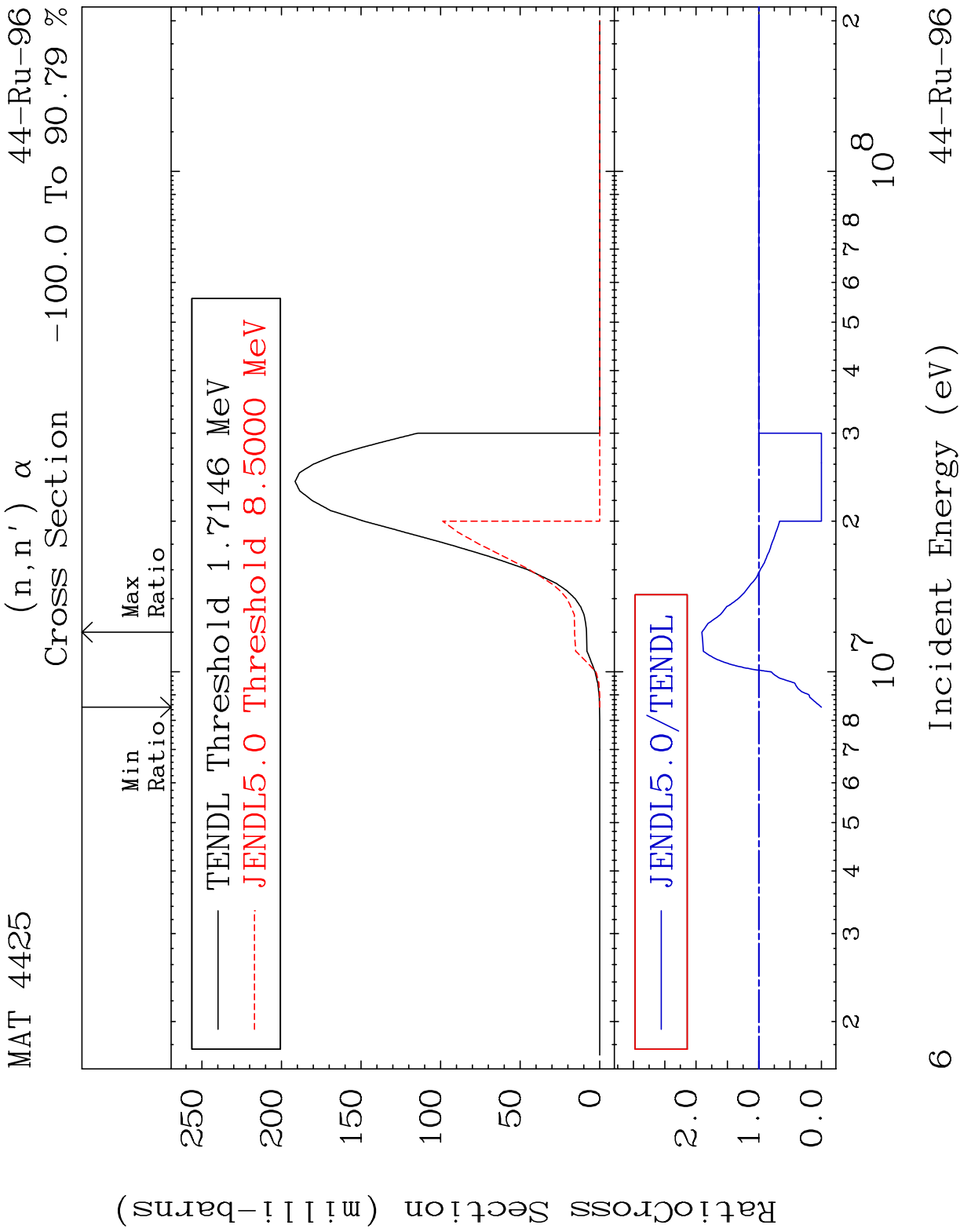
MAT 4425 (n, remainder) 44-Ru-96  
 Cross Section 4.591 To 9.749 %



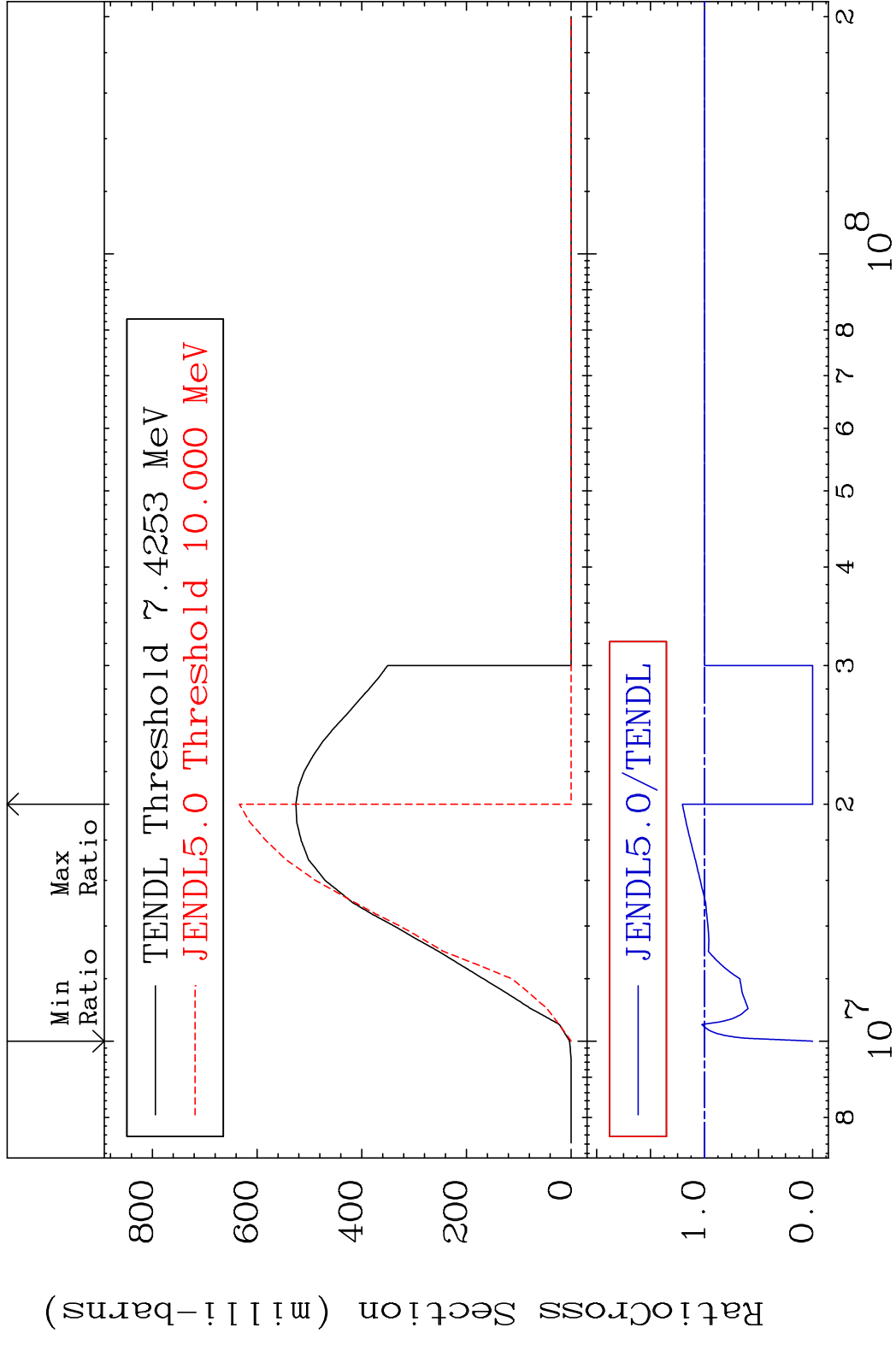
4 Incident Energy (eV) 44-Ru-96

MAT 4425 (n,2n) 44-Ru-96  
 Cross Section -100.0 To 33.43 %



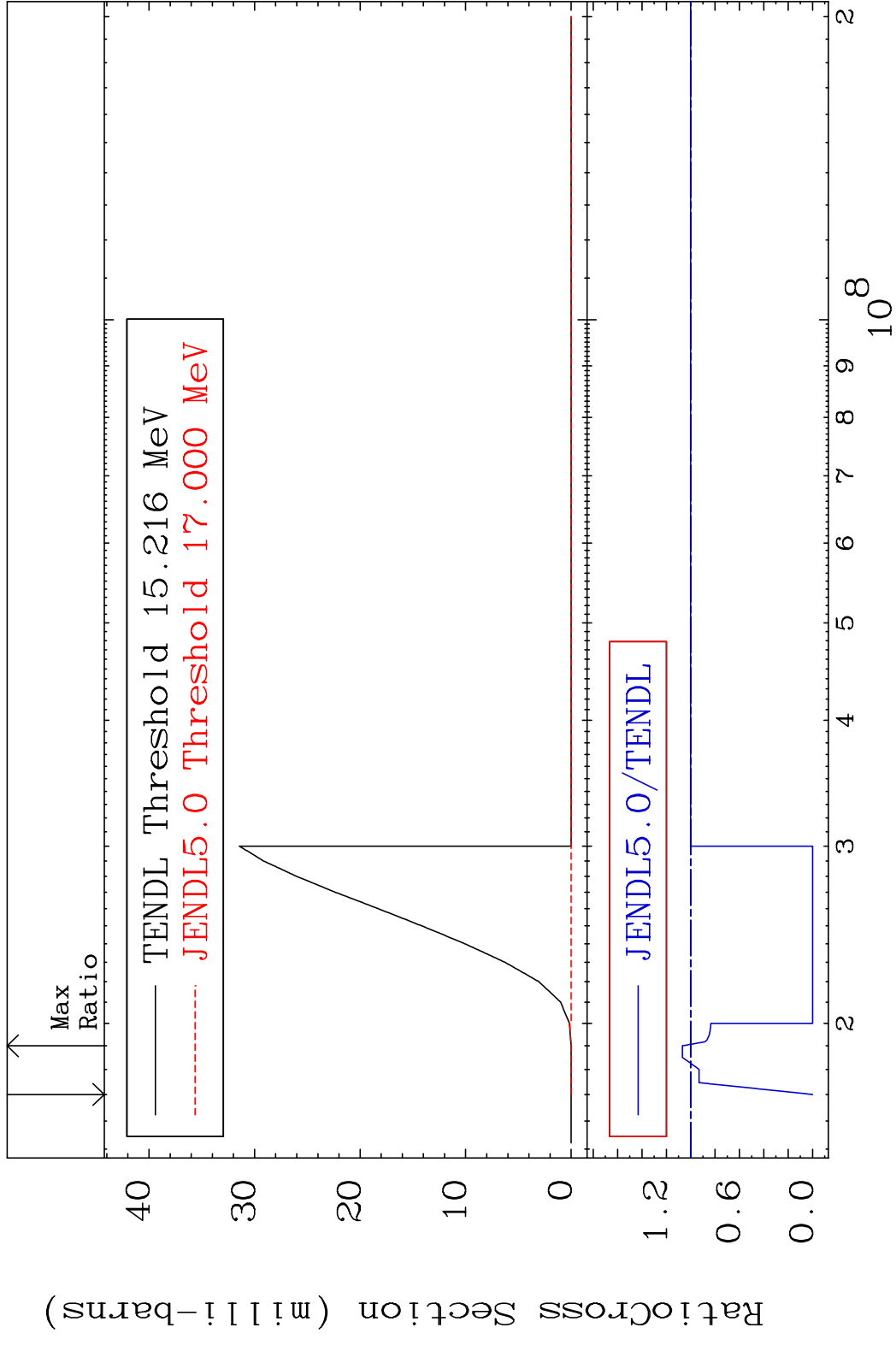


MAT 4425 (n, n') p 44-Ru-96  
 Cross Section -100.0 To 20.54 %

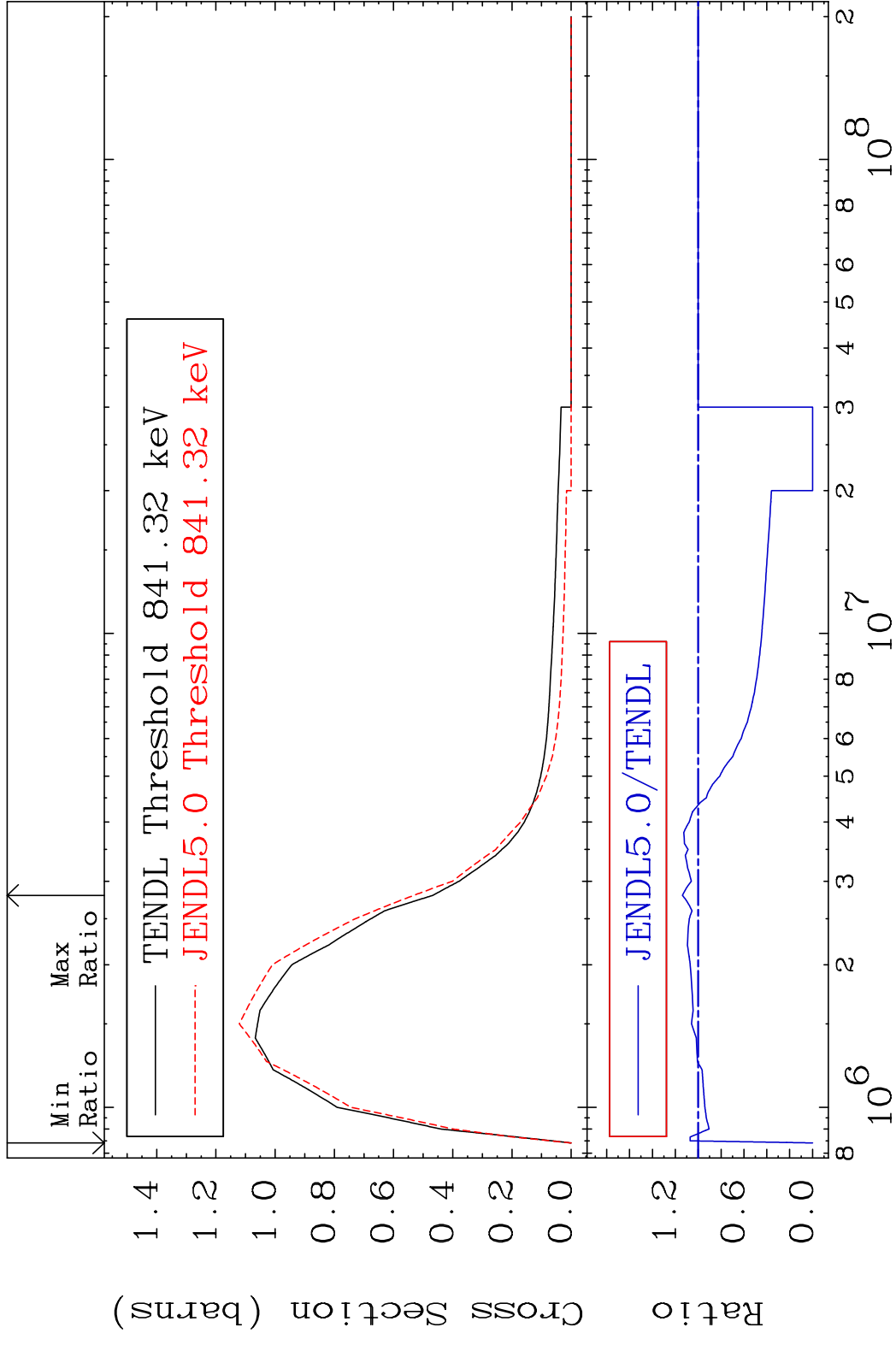


7 44-Ru-96

MAT 4425 (n, n') d 44-Ru-96  
 Cross Section -100.0 To 6.850 %

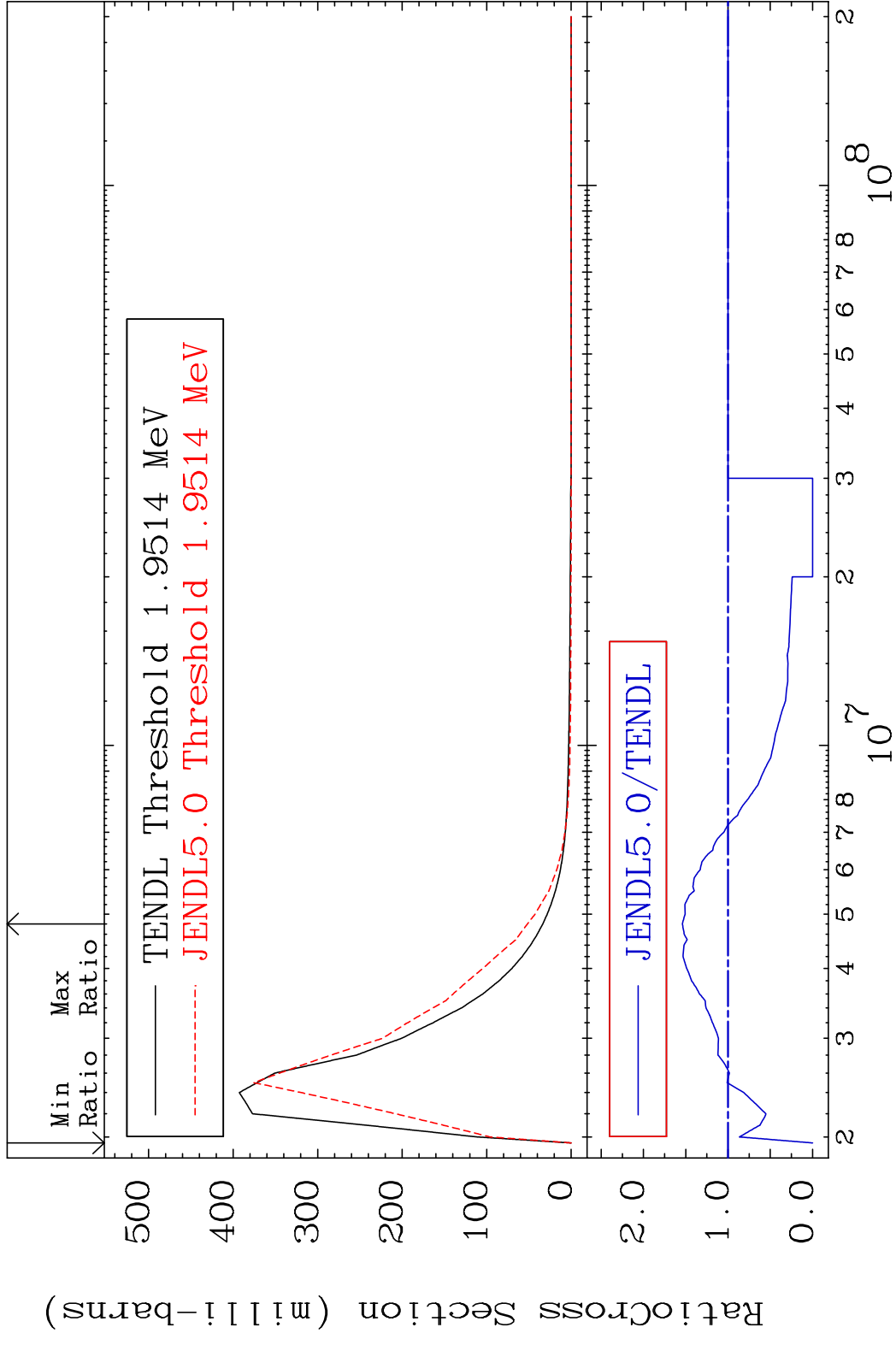


MAT 4425 MT= 51 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 13.82 %

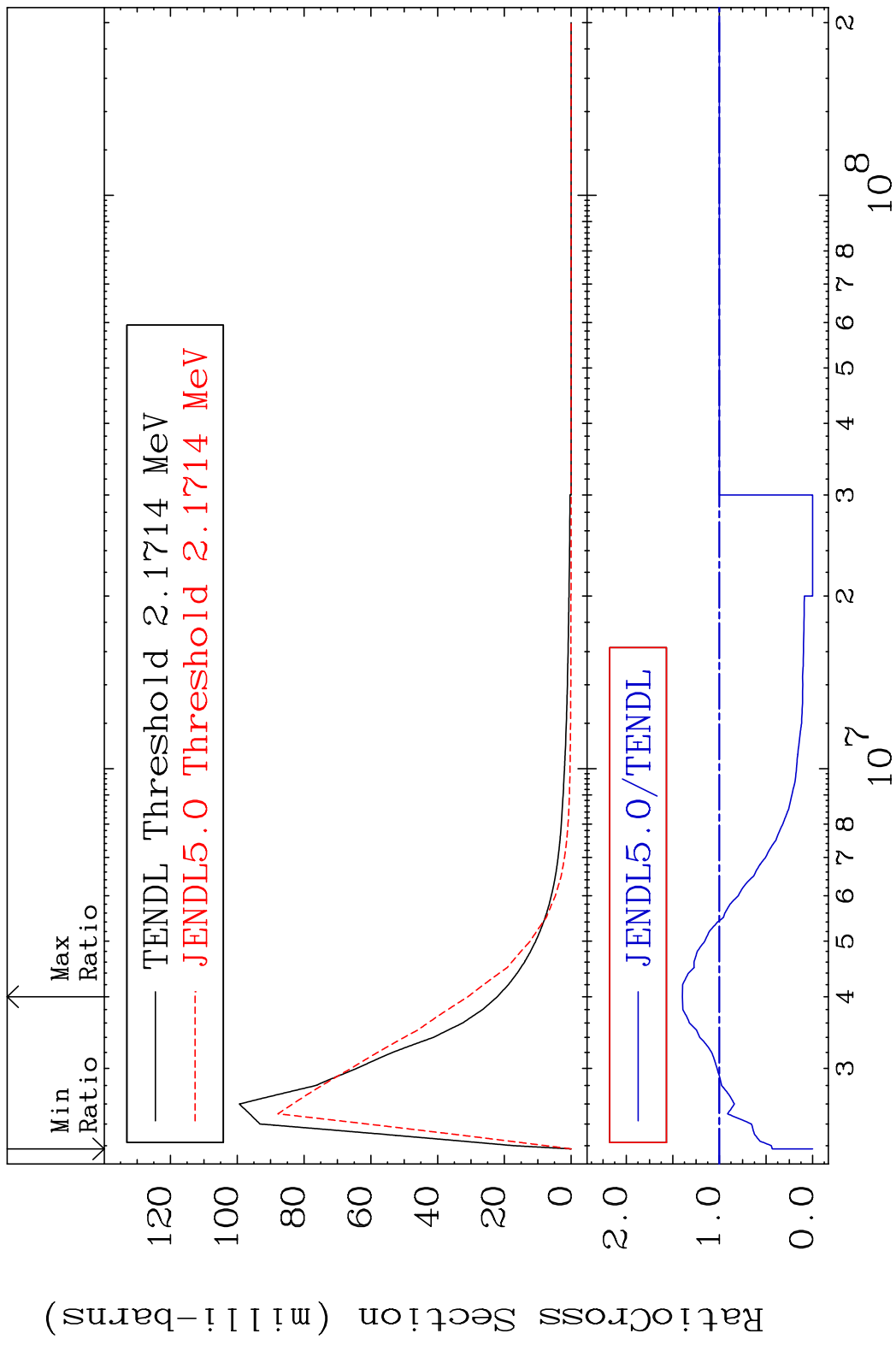




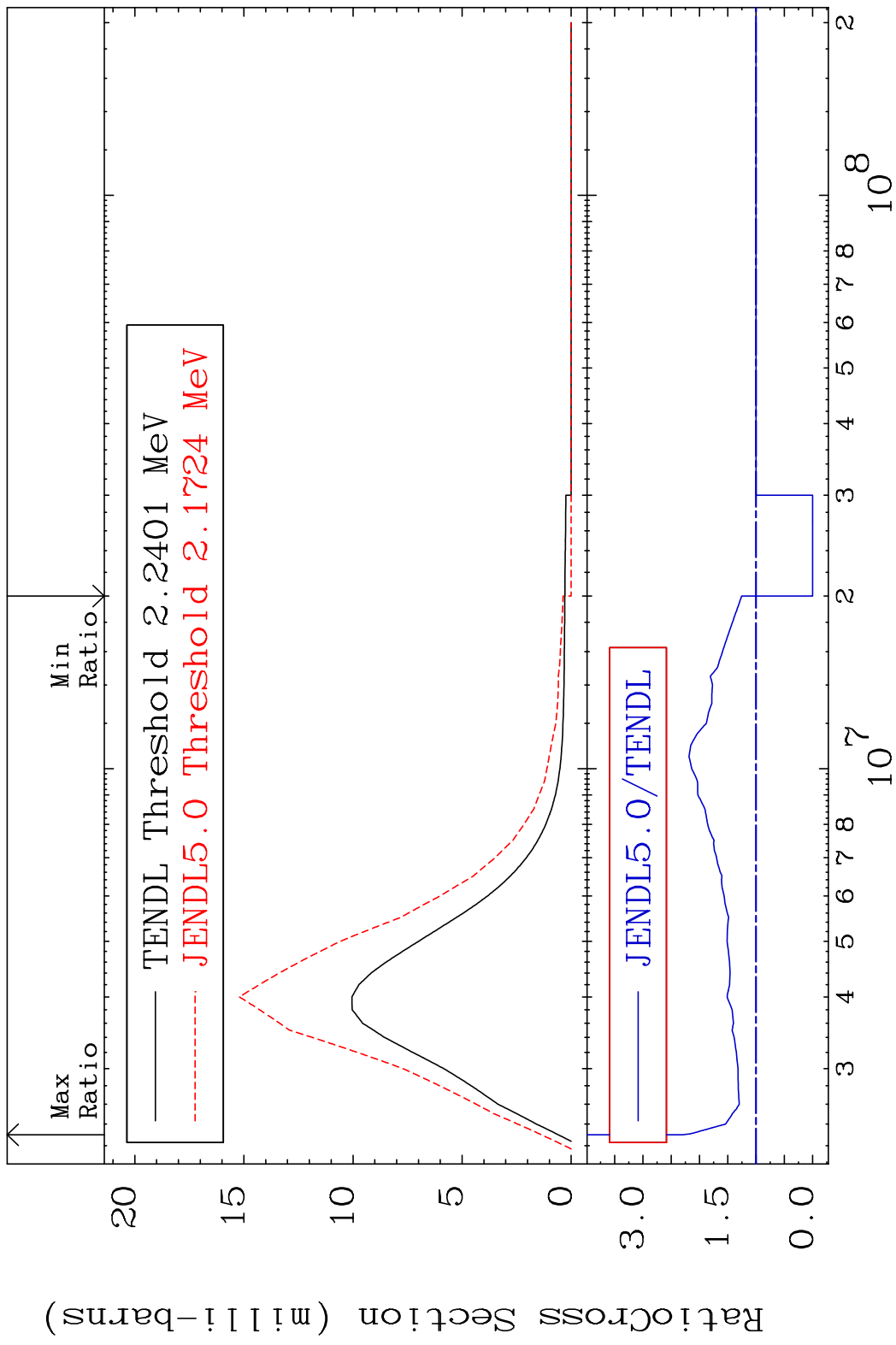
MAT 4425 MT= 53 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 54.00 %



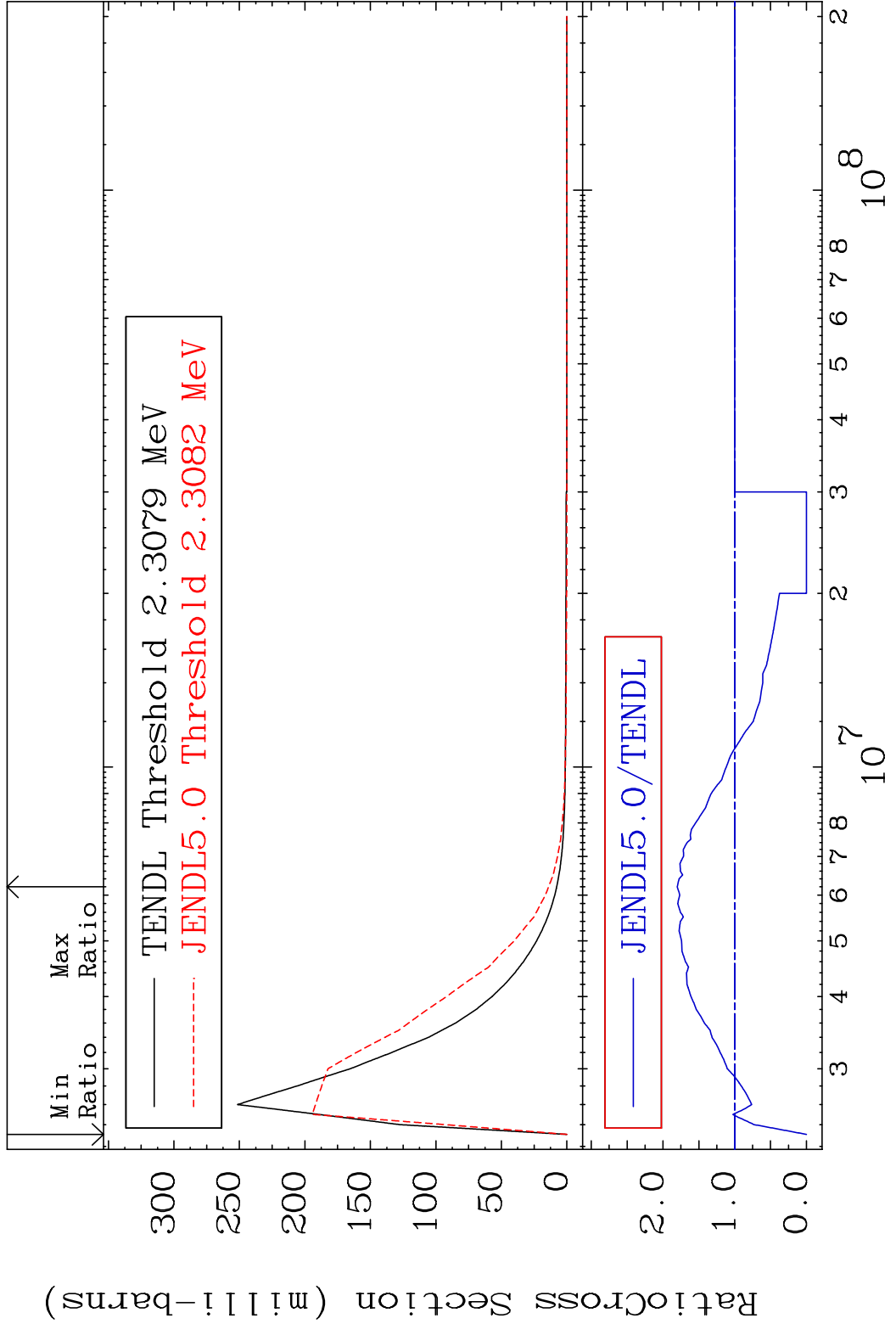
MAT 4425 MT= 54 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 39.79 %



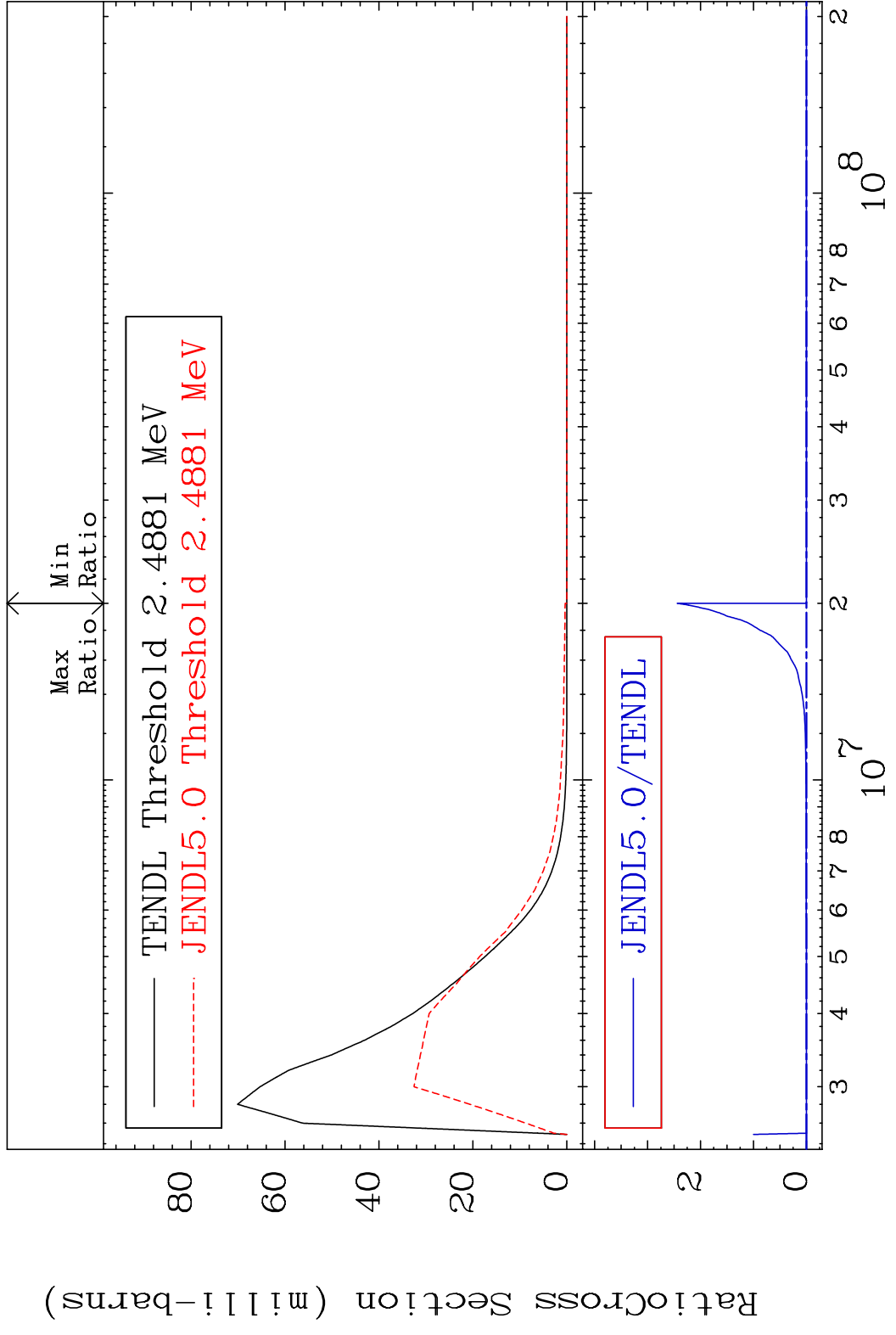
MAT 4425 MT= 55 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 130.4 %



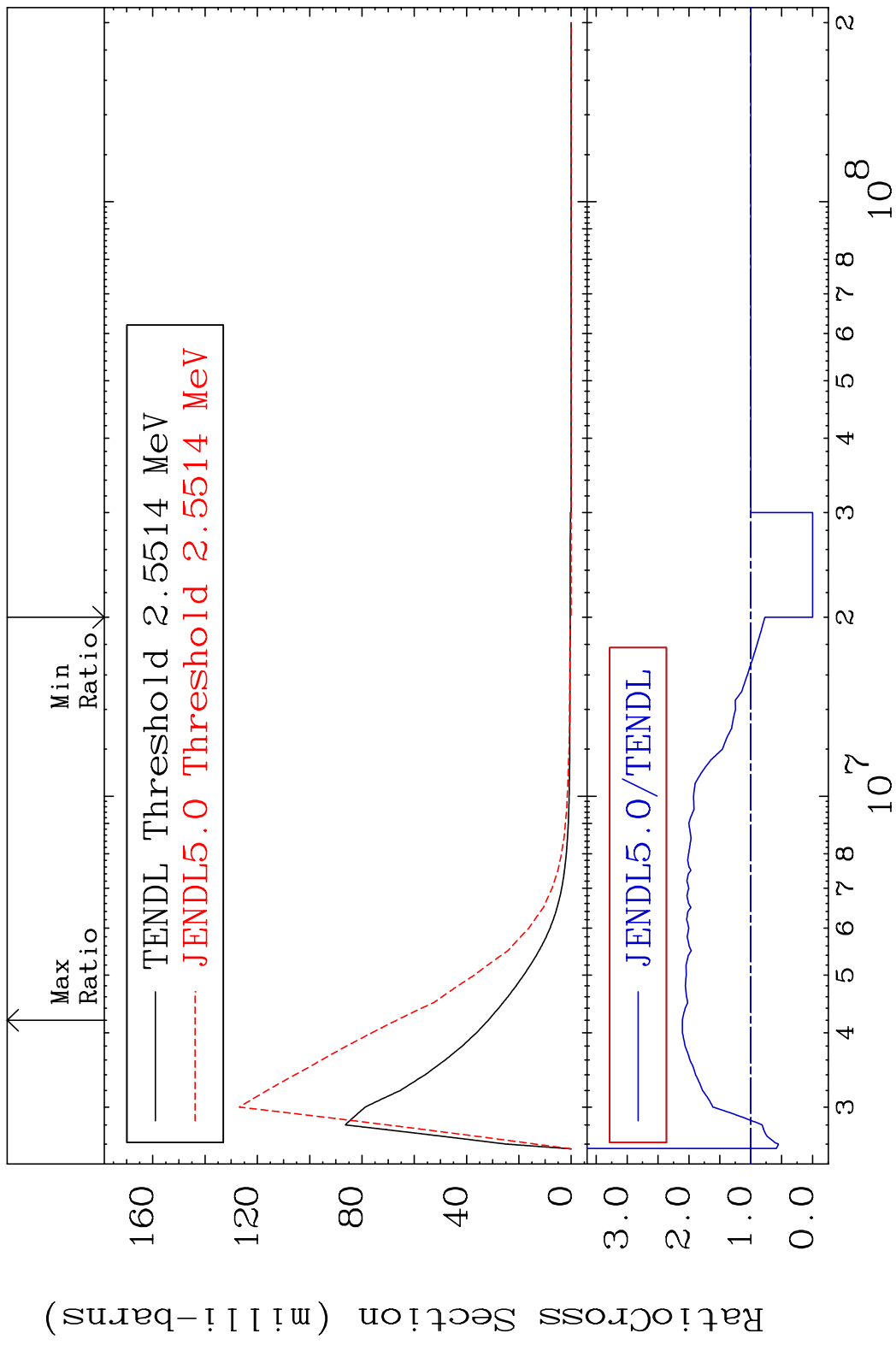
MAT 4425 MT= 56 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 80.20 %



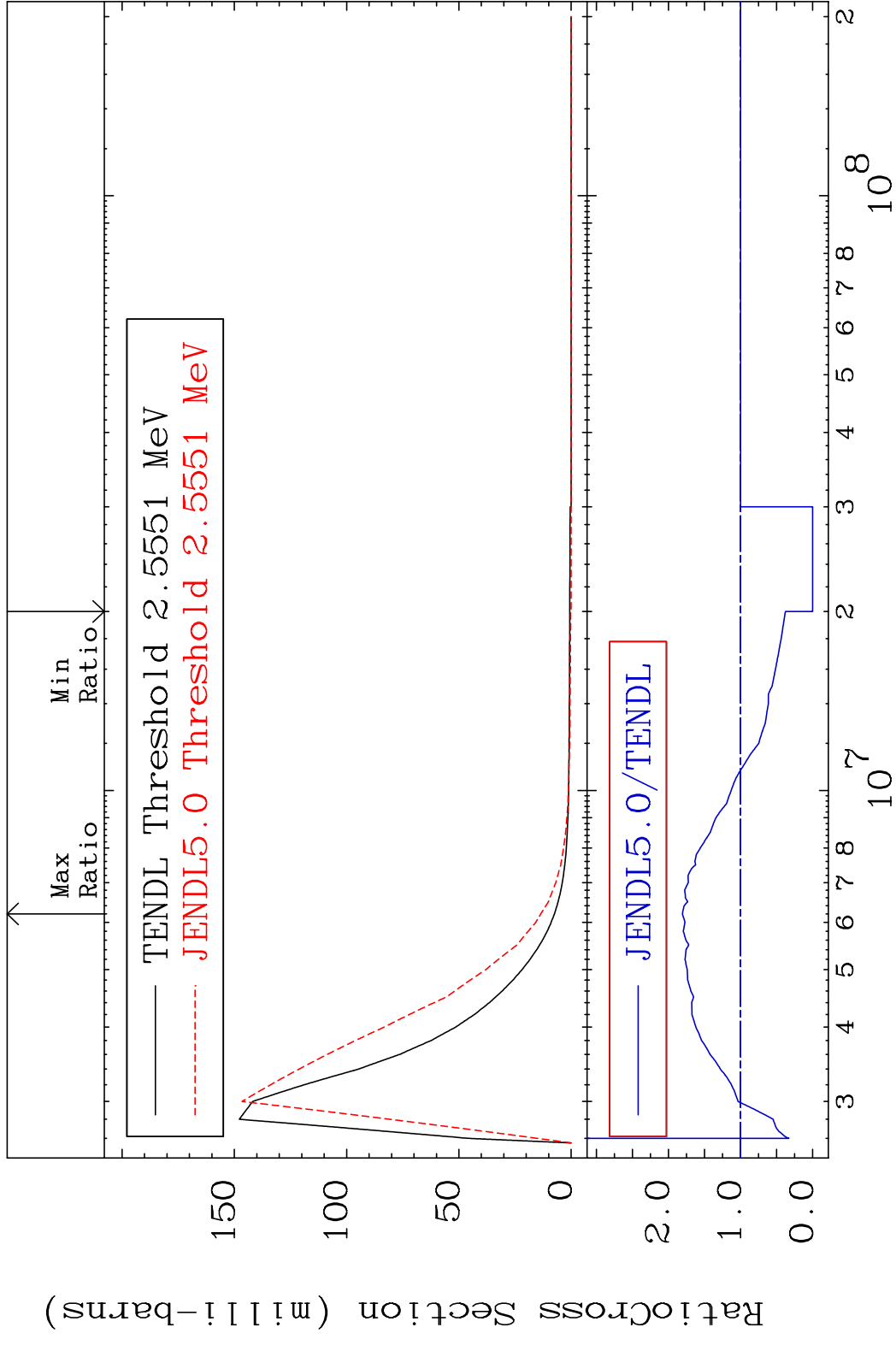
MAT 4425 MT= 57 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %



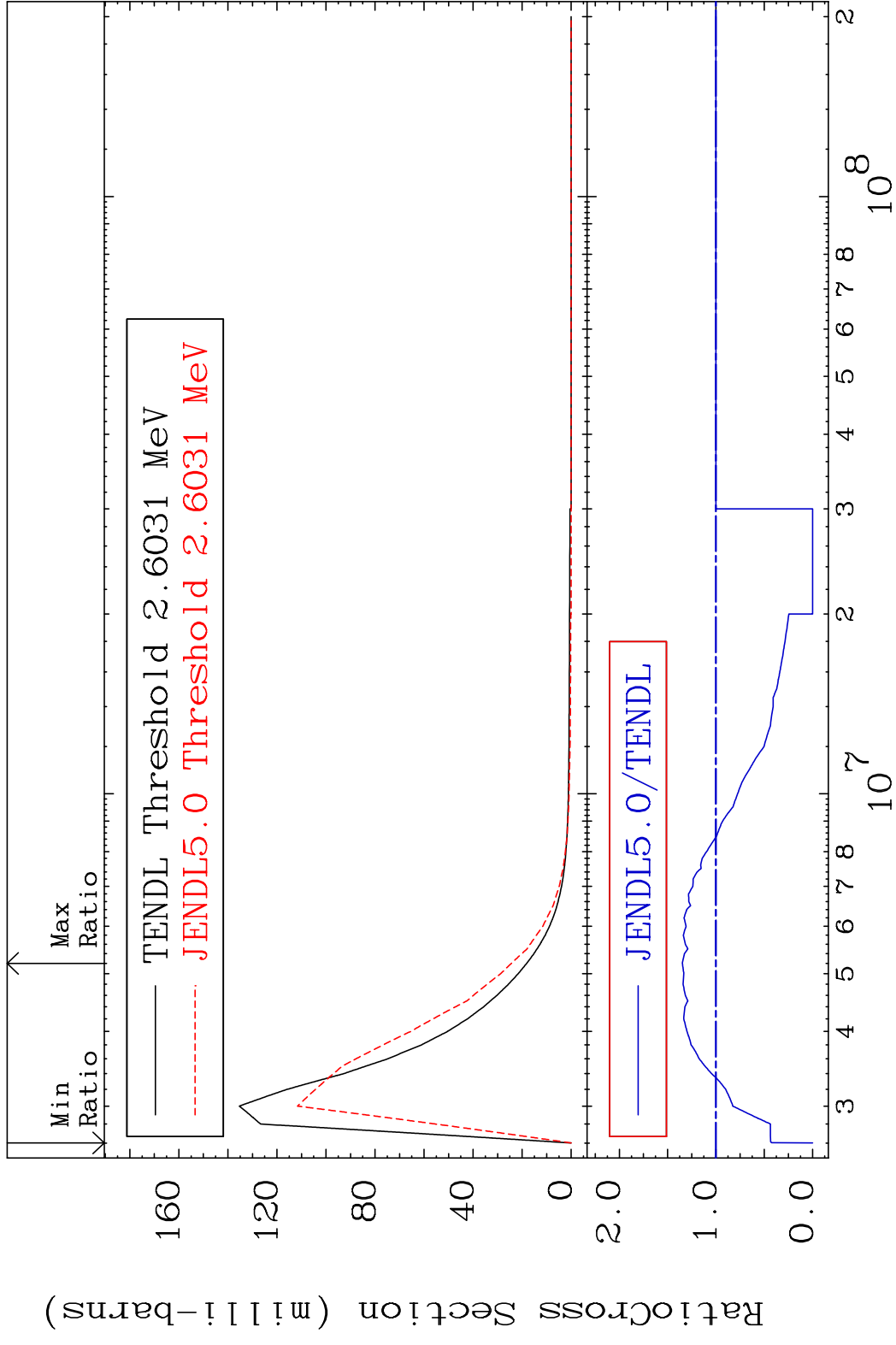
MAT 4425 MT= 58 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 110.6 %



MAT 4425 MT= 59 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 80.71 %

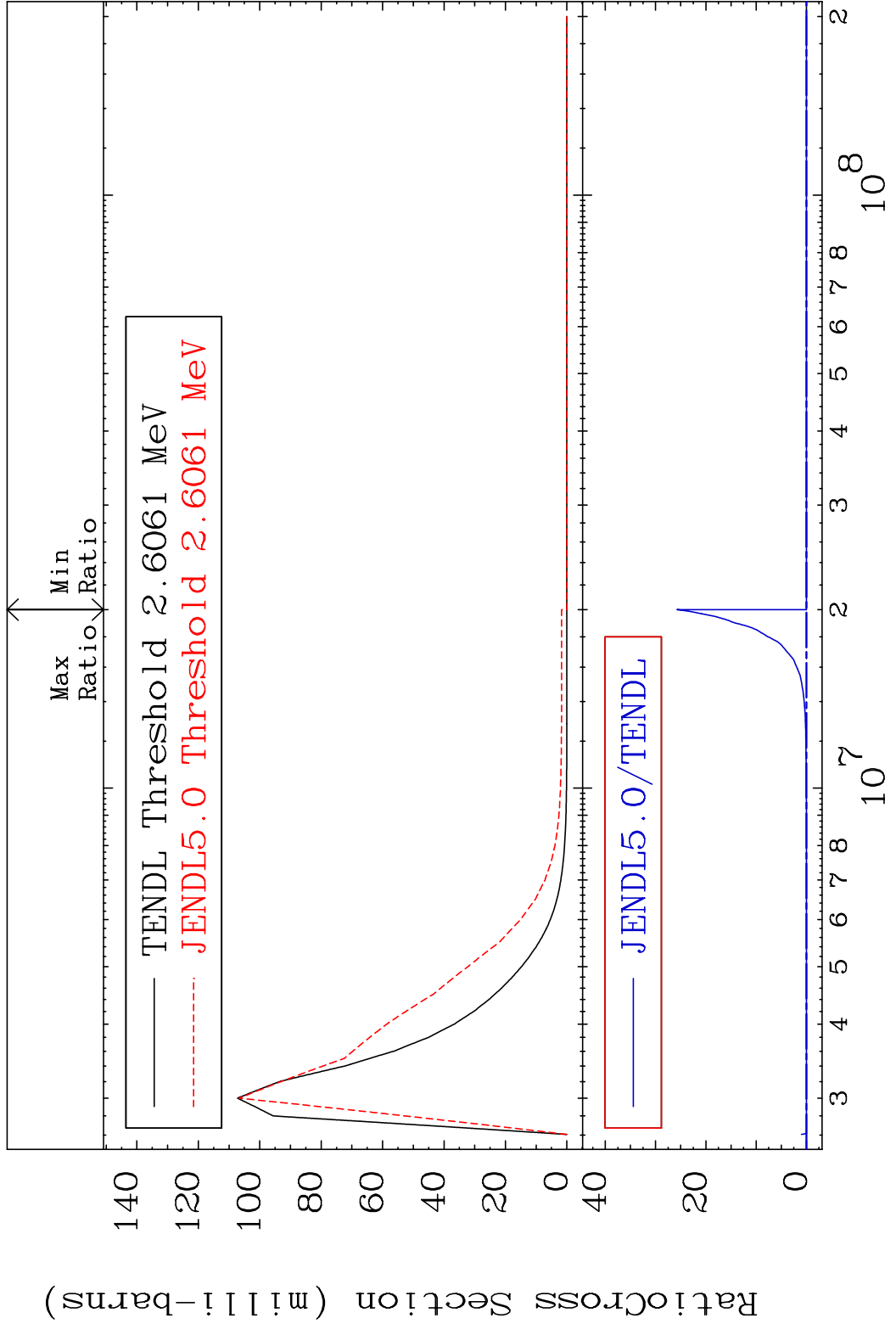


MAT 4425 MT= 60 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 34.78 %

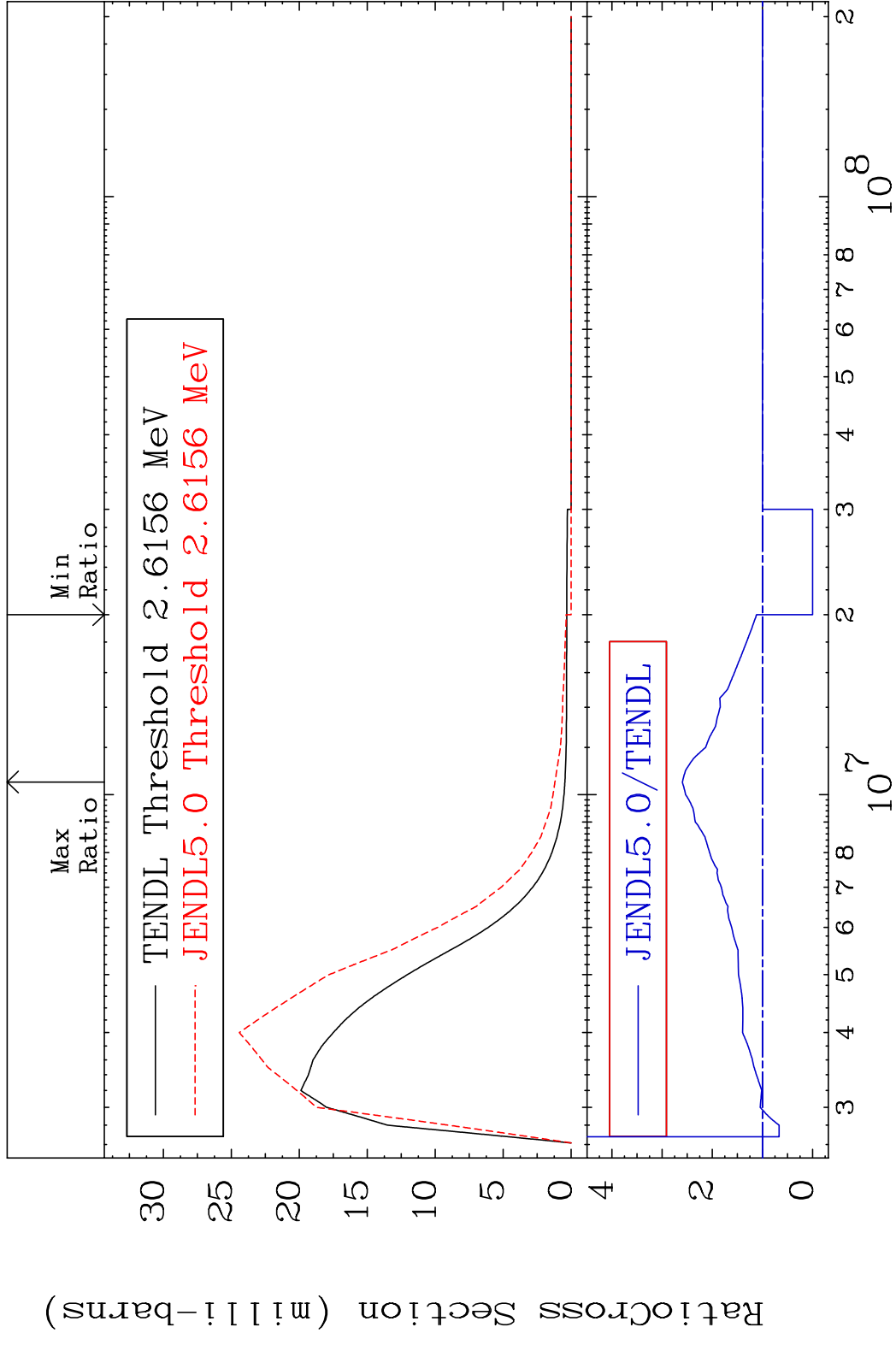


18 18 Incident Energy (eV) 44-Ru-96

MAT 4425 MT= 61 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %

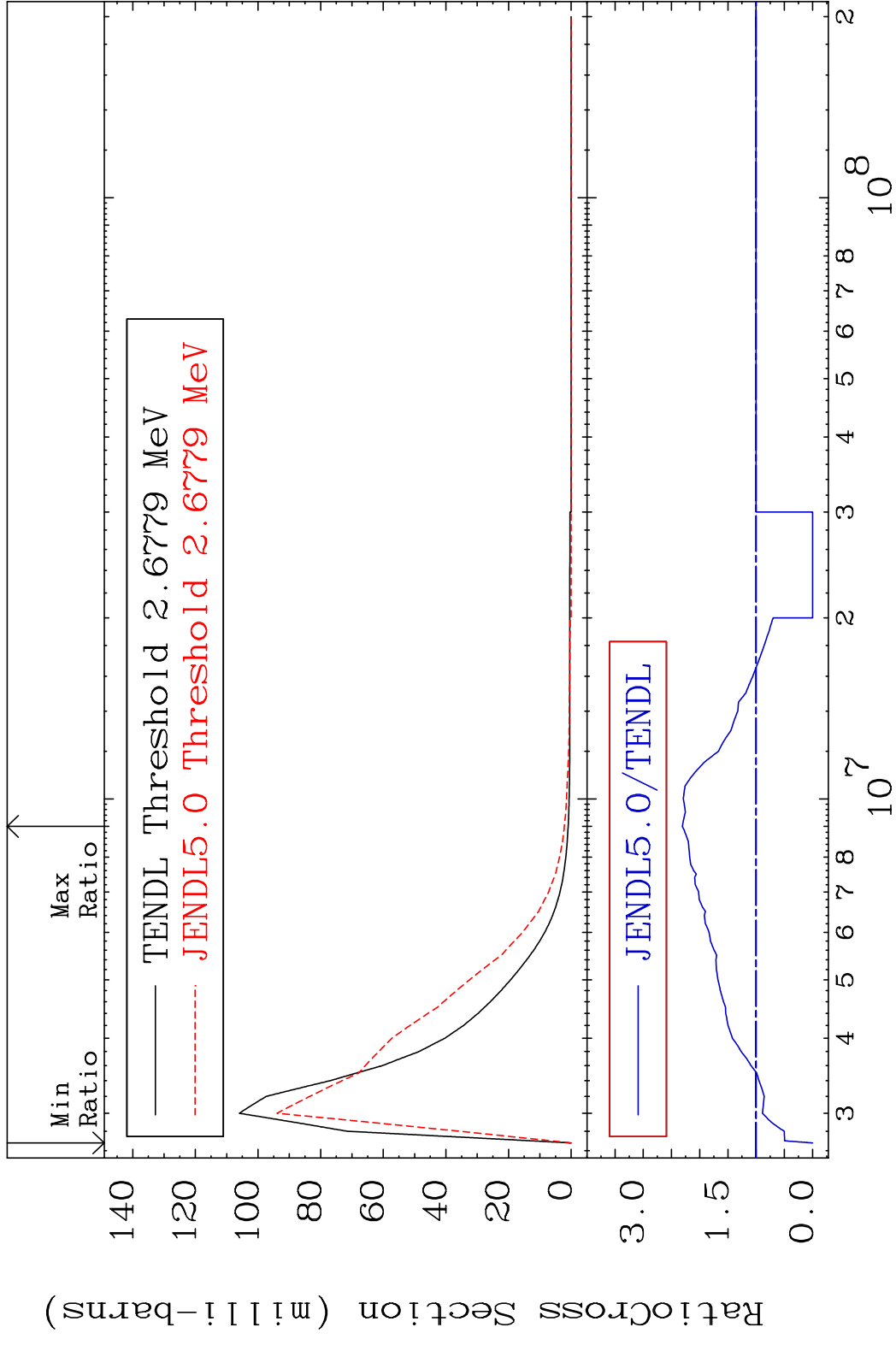


MAT 4425 MT= 62 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 159.5 %

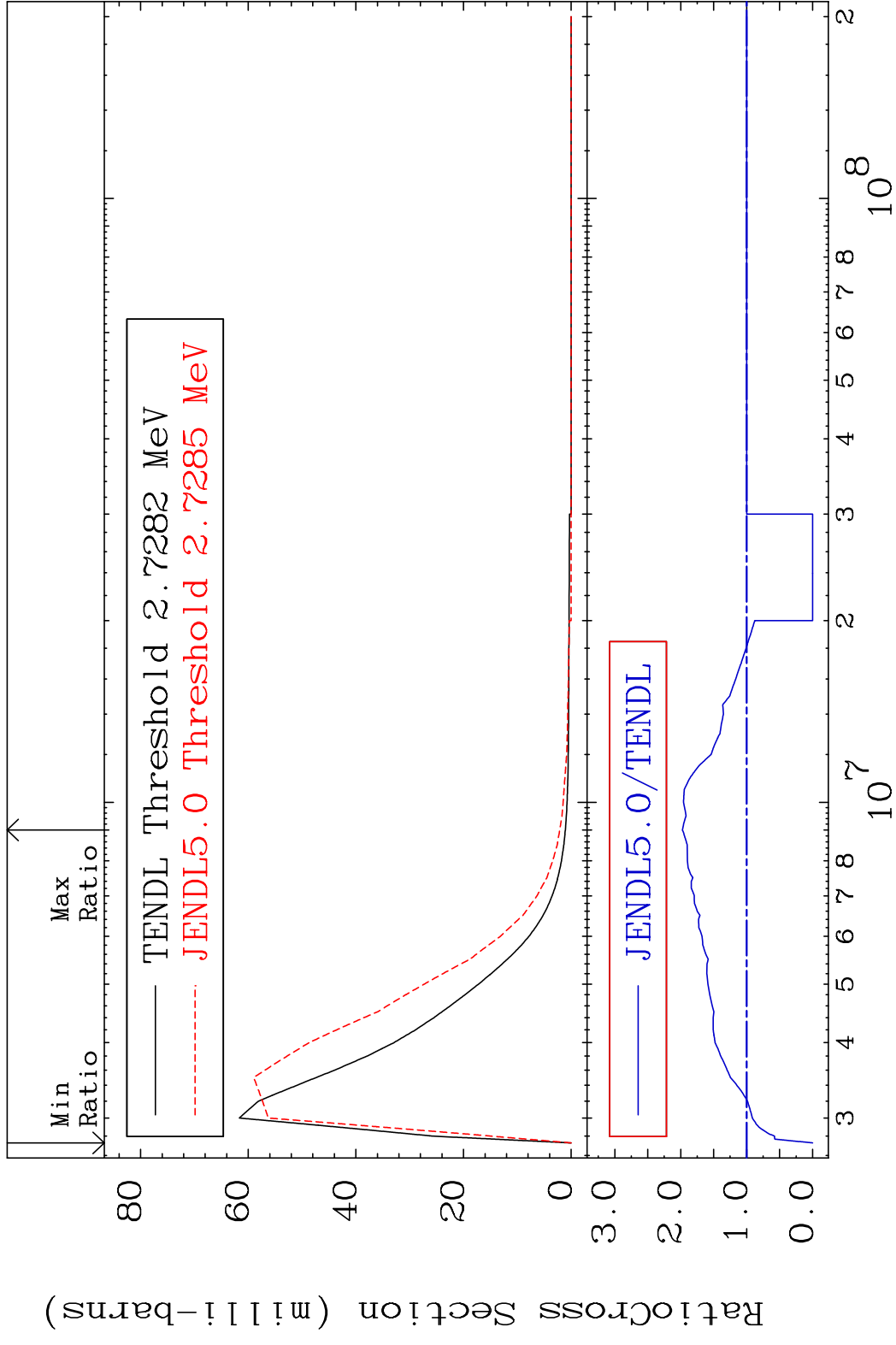


20 44-Ru-96

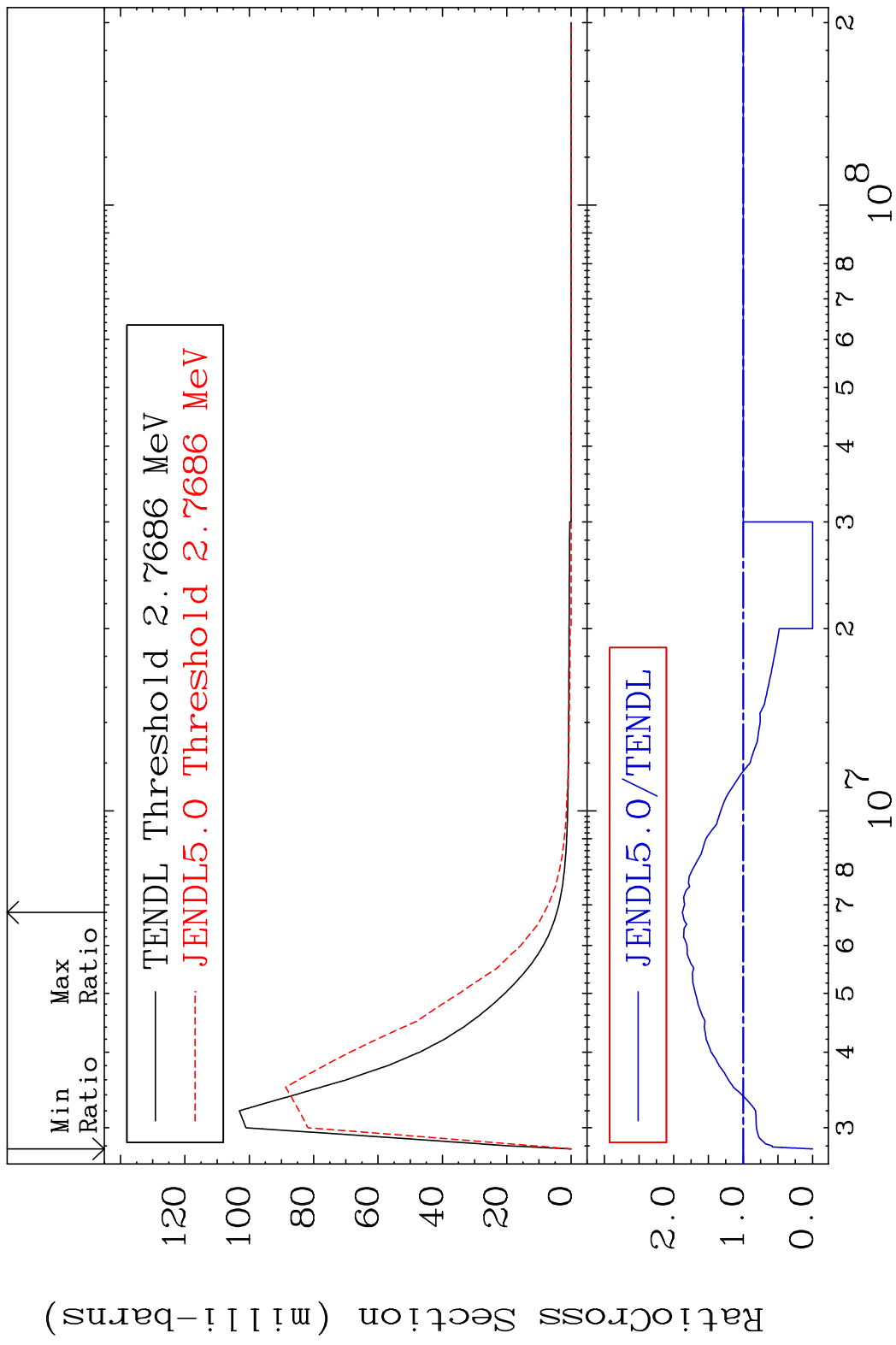
MAT 4425 MT= 63 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 130.7 %



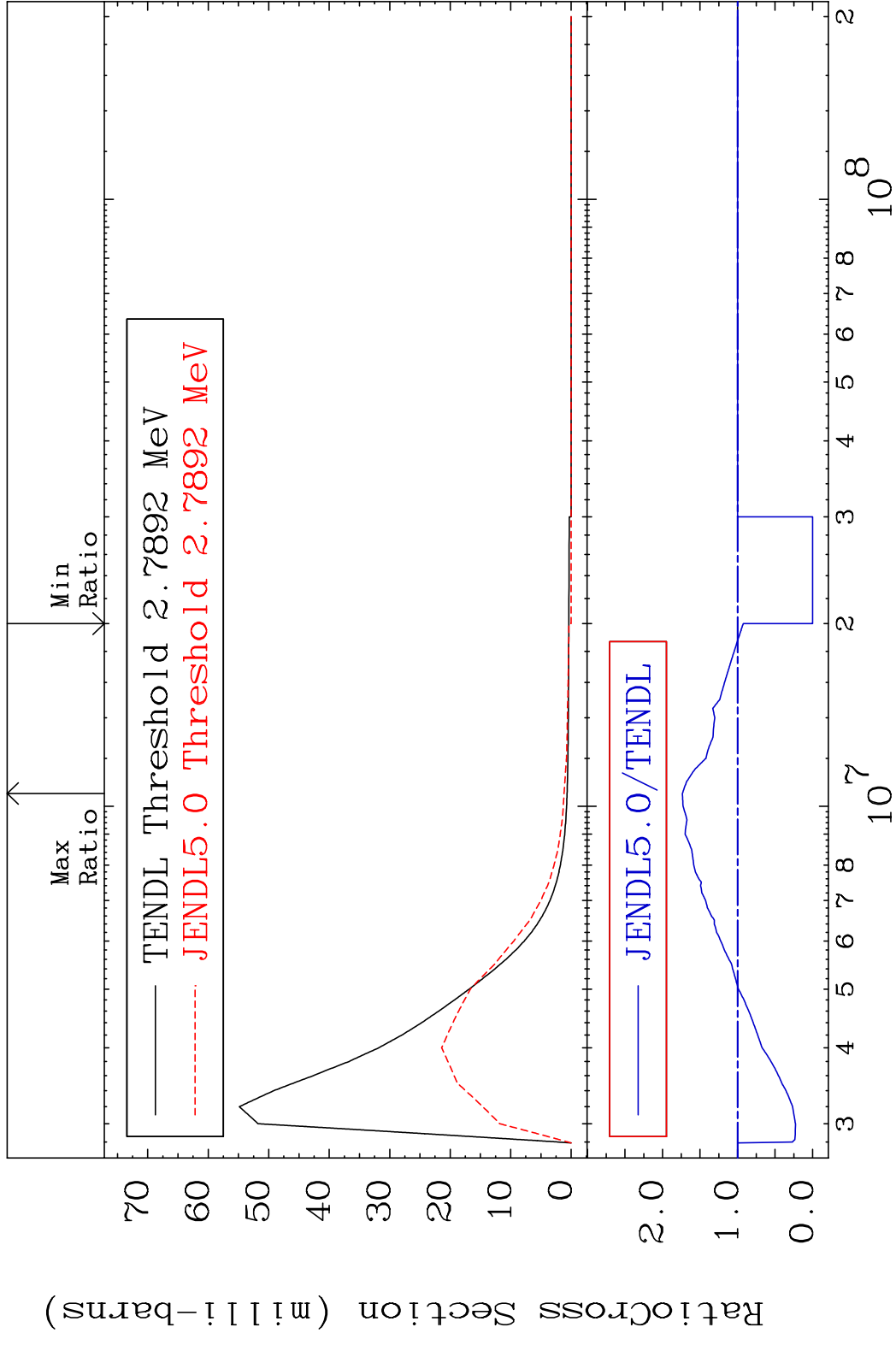
MAT 4425 MT= 64 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 97.52 %



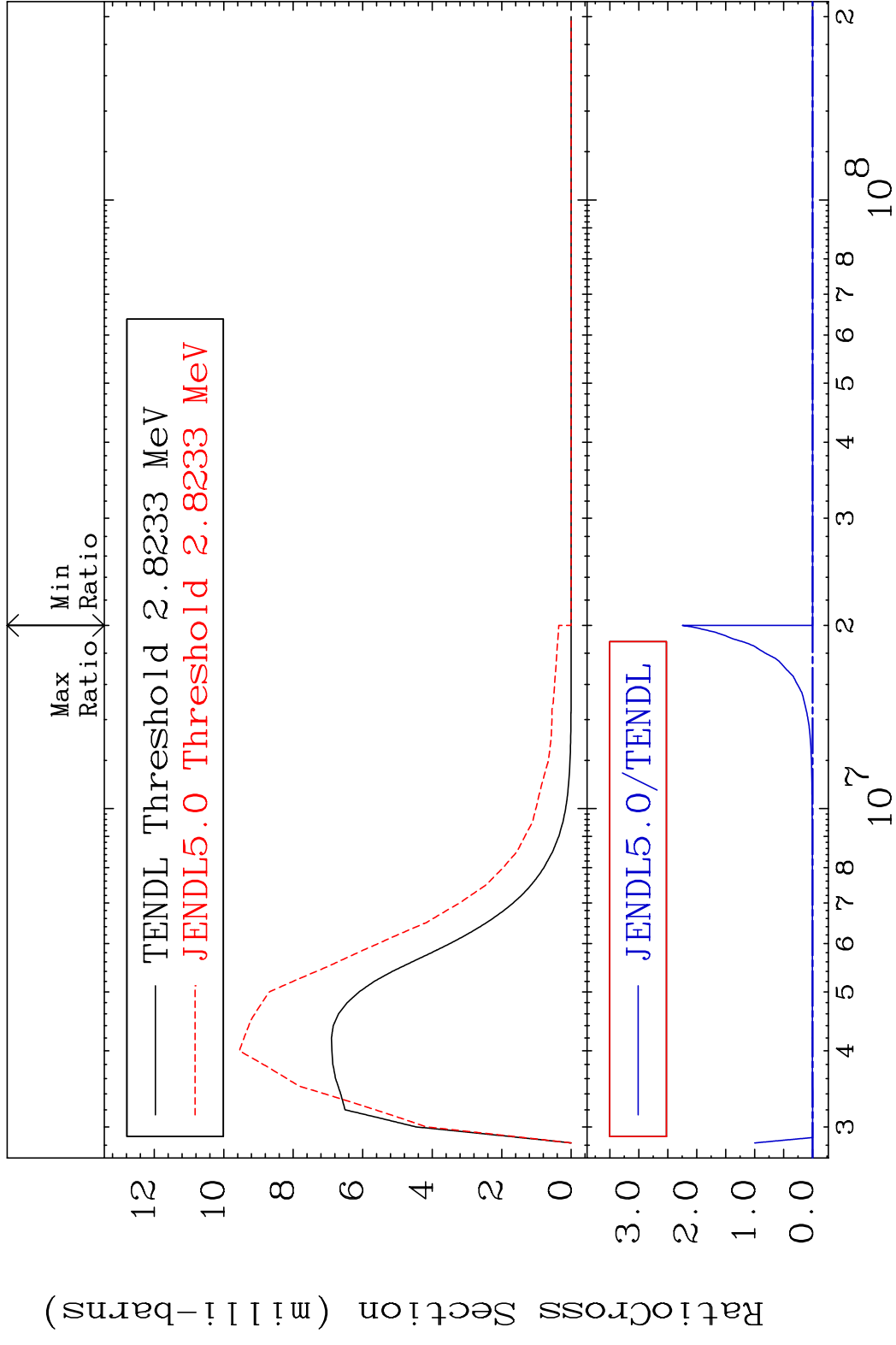
MAT 4425 MT= 65 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 87.66 %



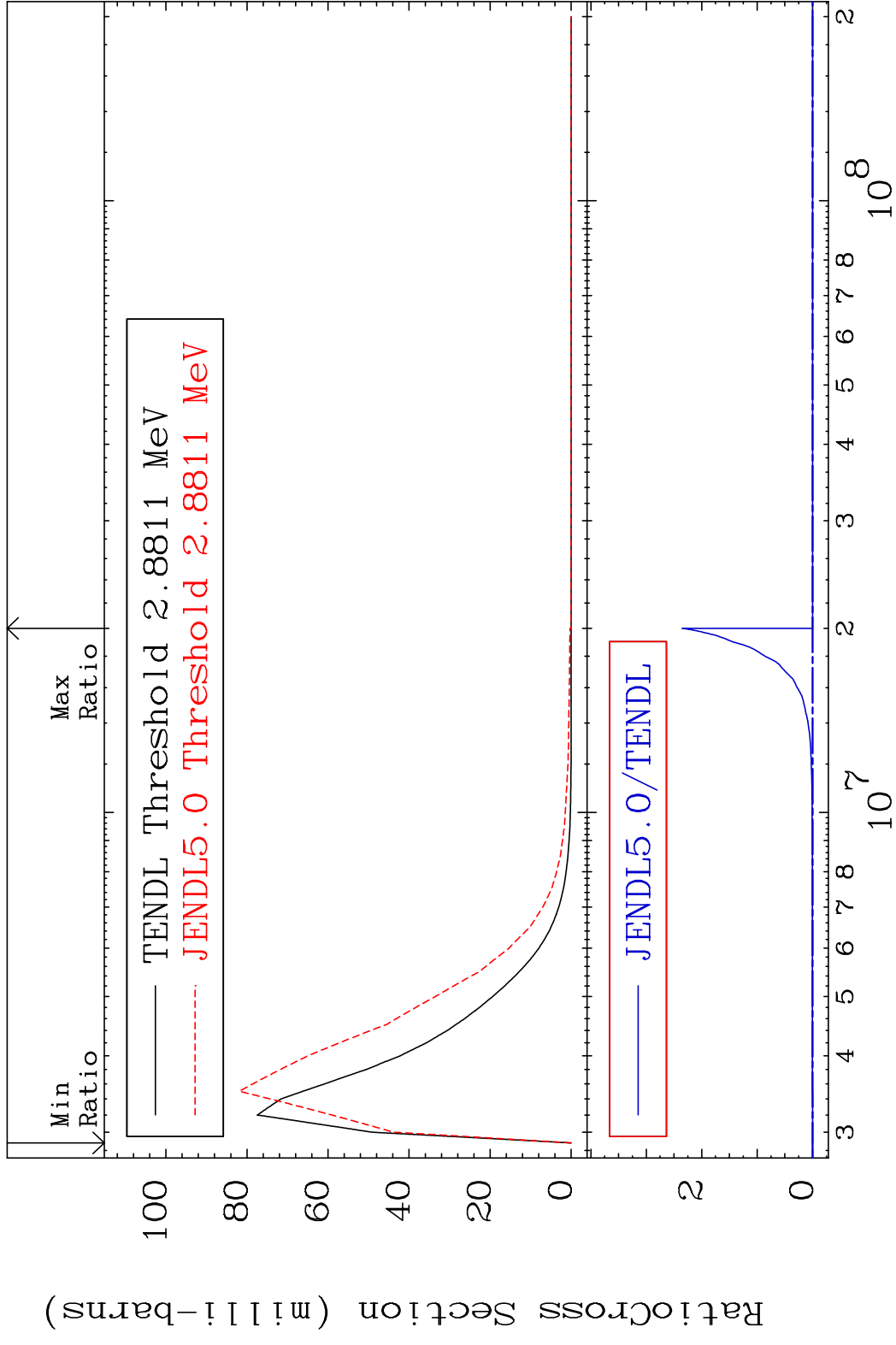
MAT 4425 MT= 66 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 73.57 %



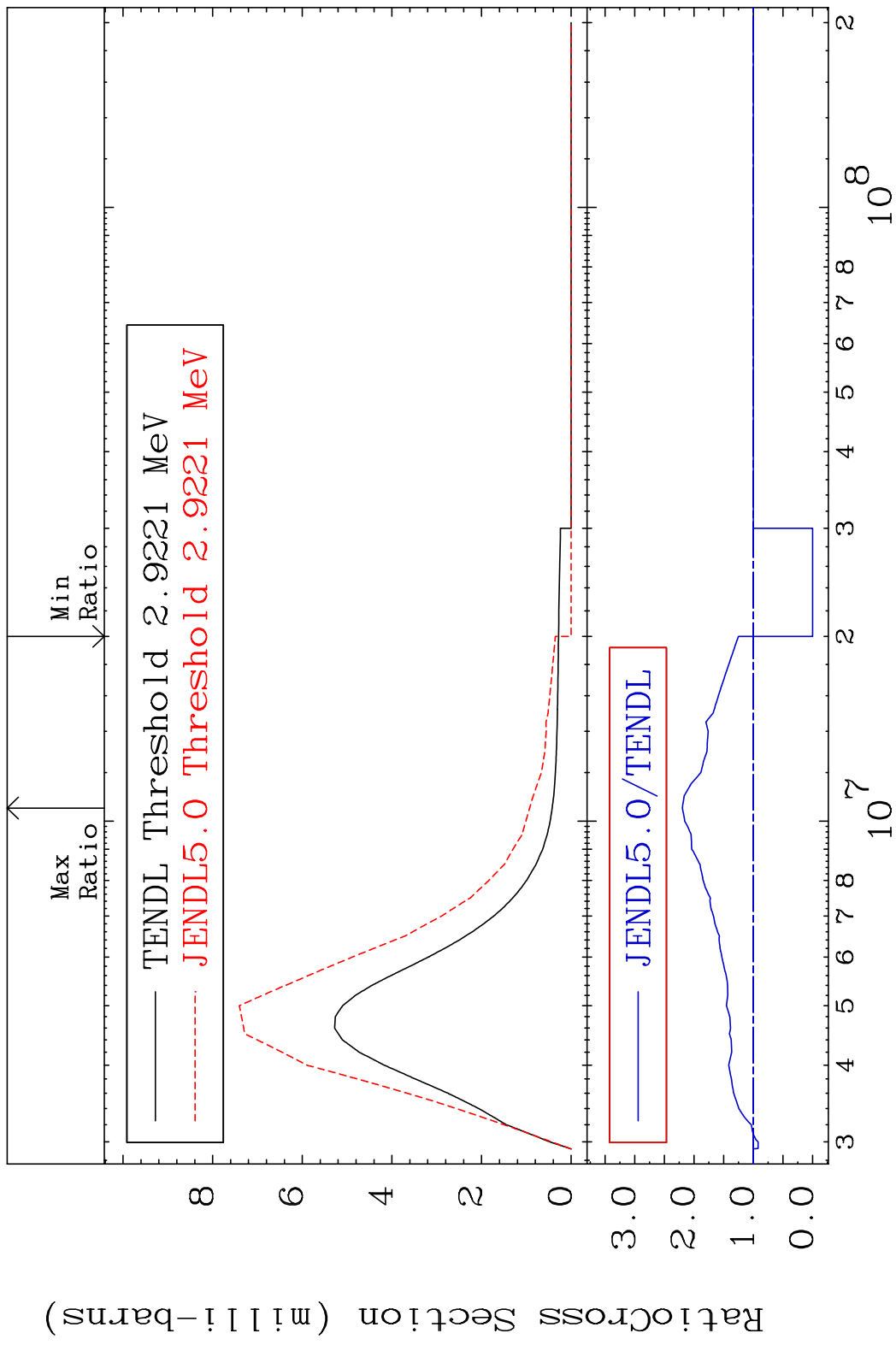
MAT 4425 MT= 67 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %



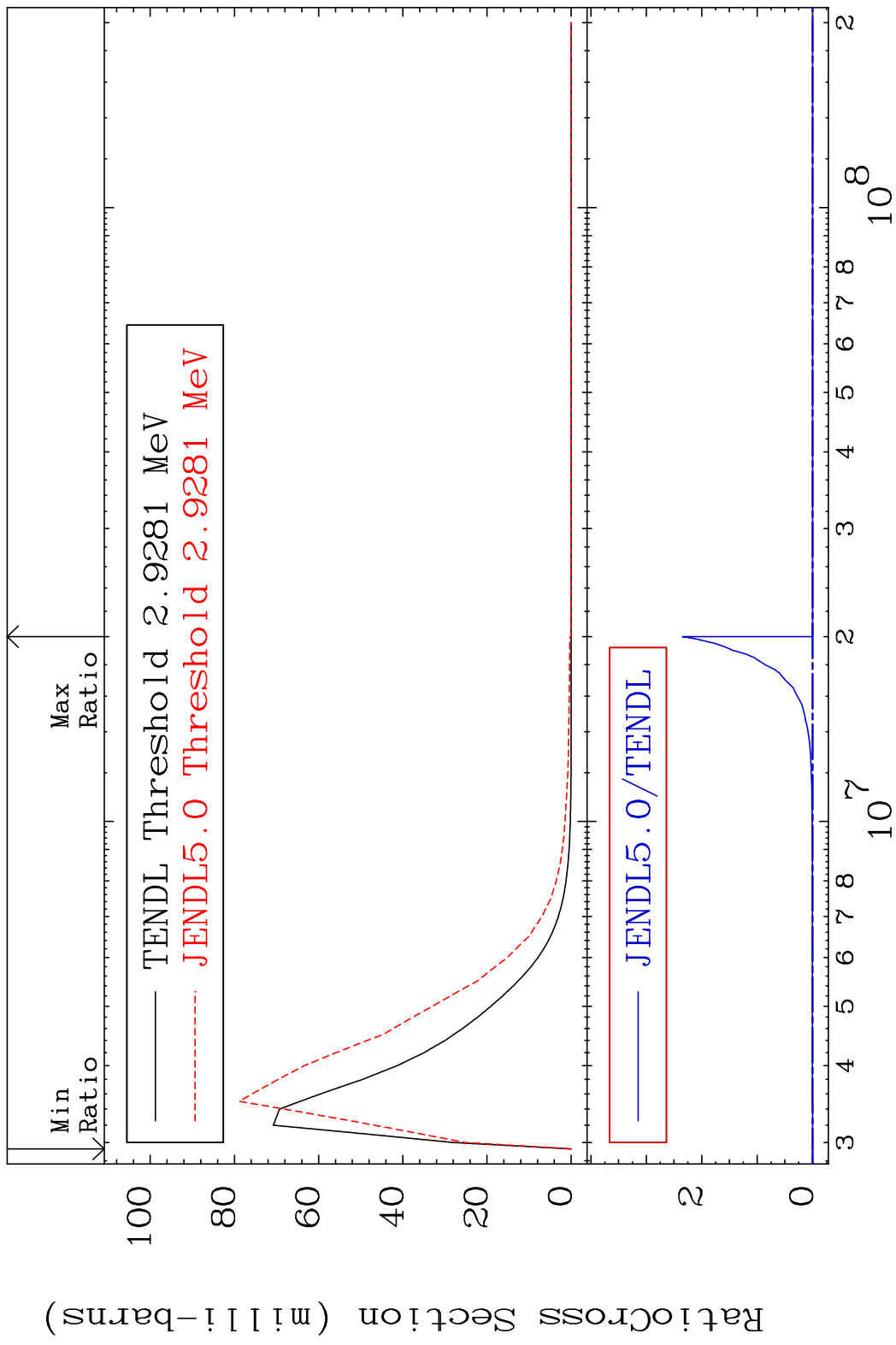
MAT 4425 MT= 68 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %



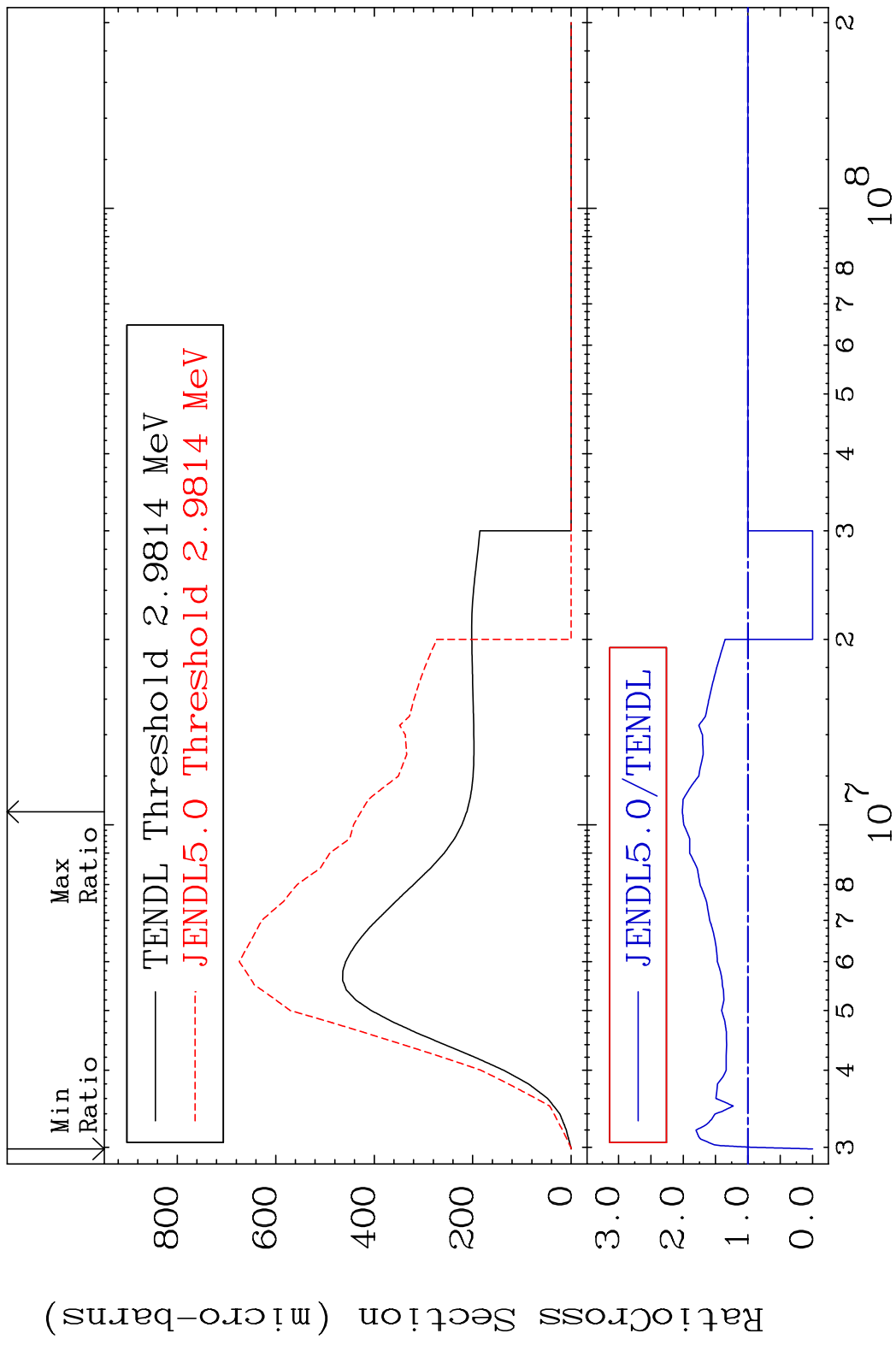
MAT 4425 MT= 69 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 119.7 %



MAT 4425 MT= 70 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %

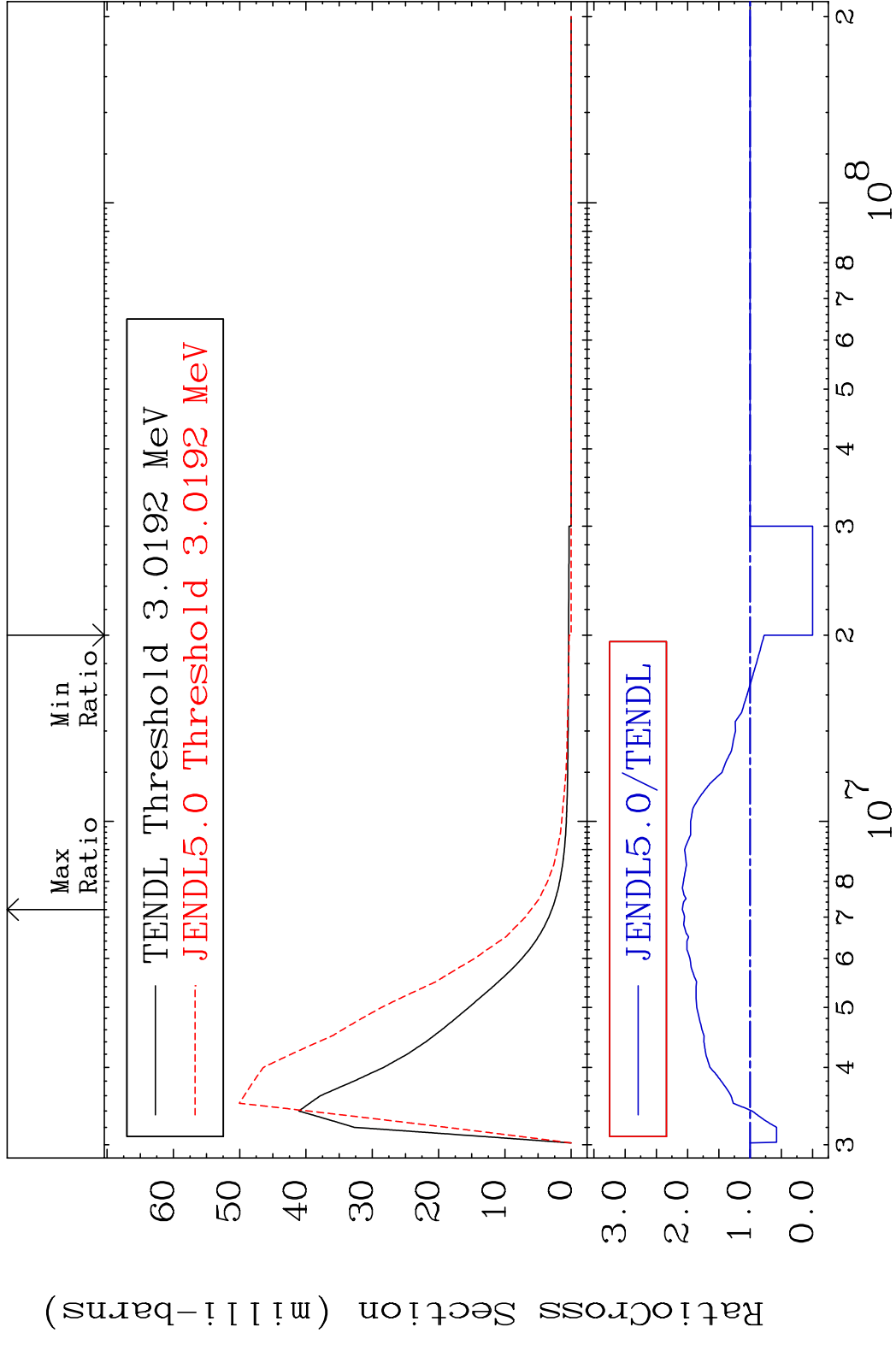


MAT 4425 MT= 71 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 101.3 %

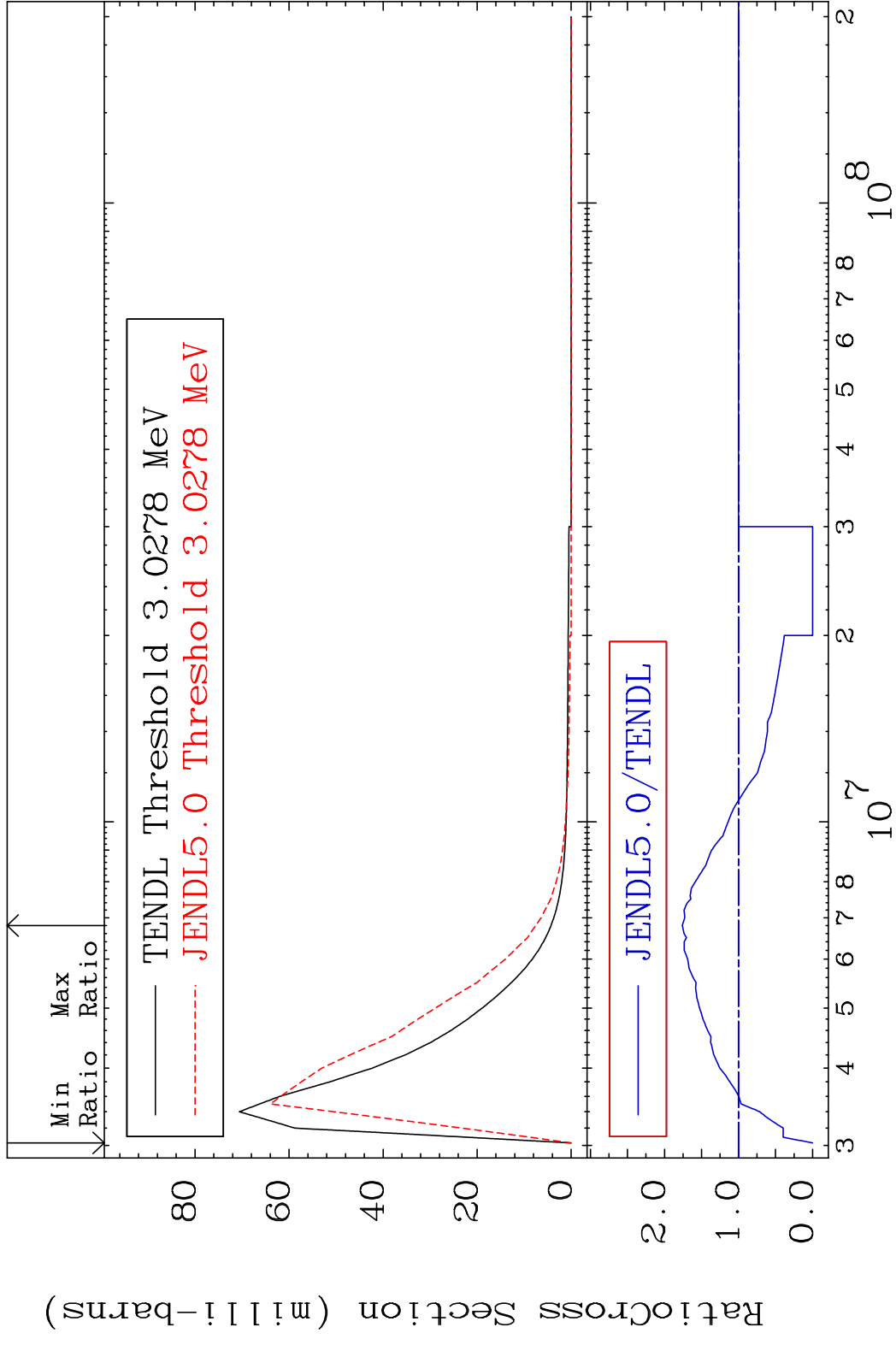


29 Incident Energy (eV) 44-Ru-96

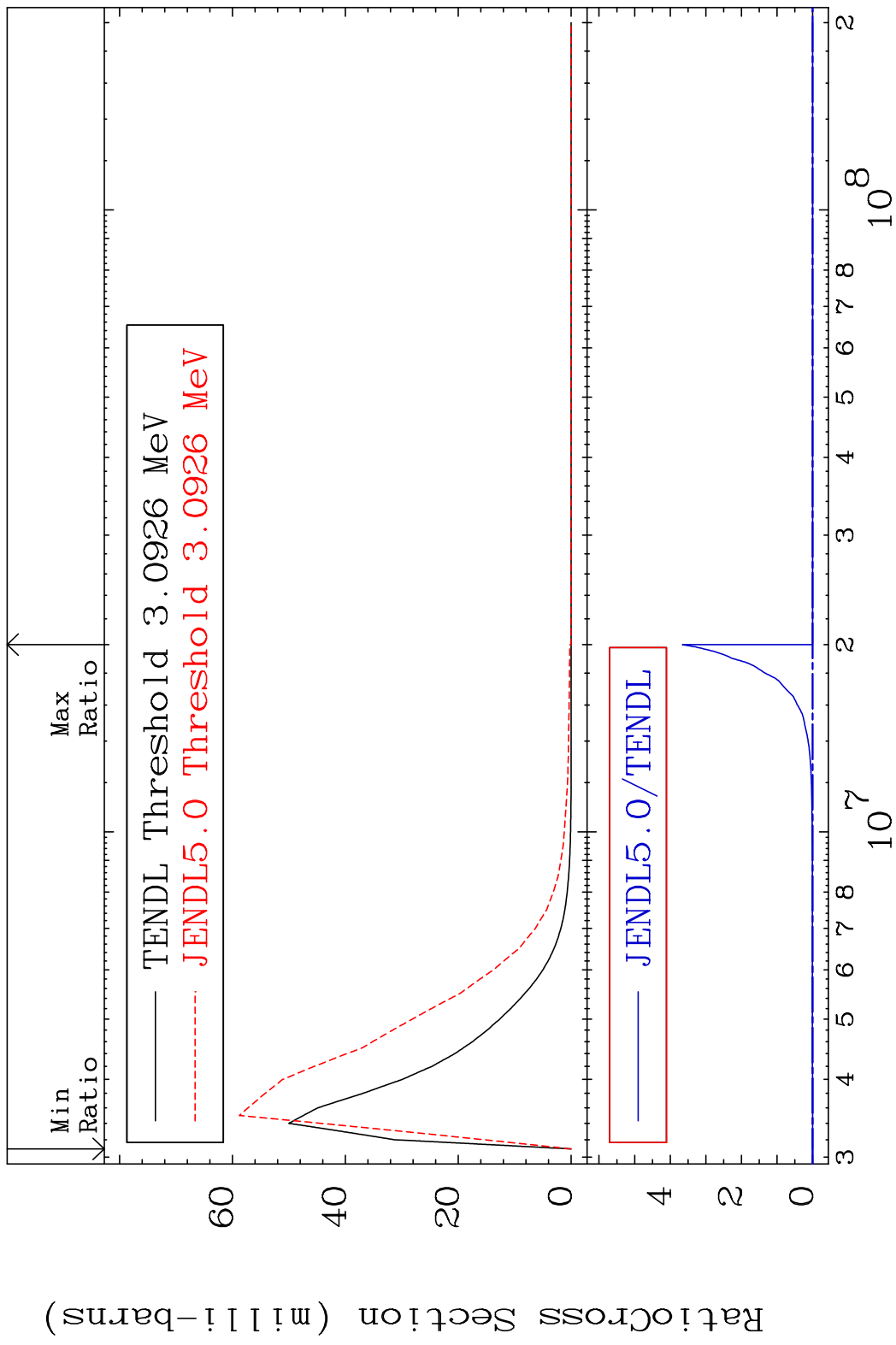
MAT 4425 MT= 72 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 108.3 %



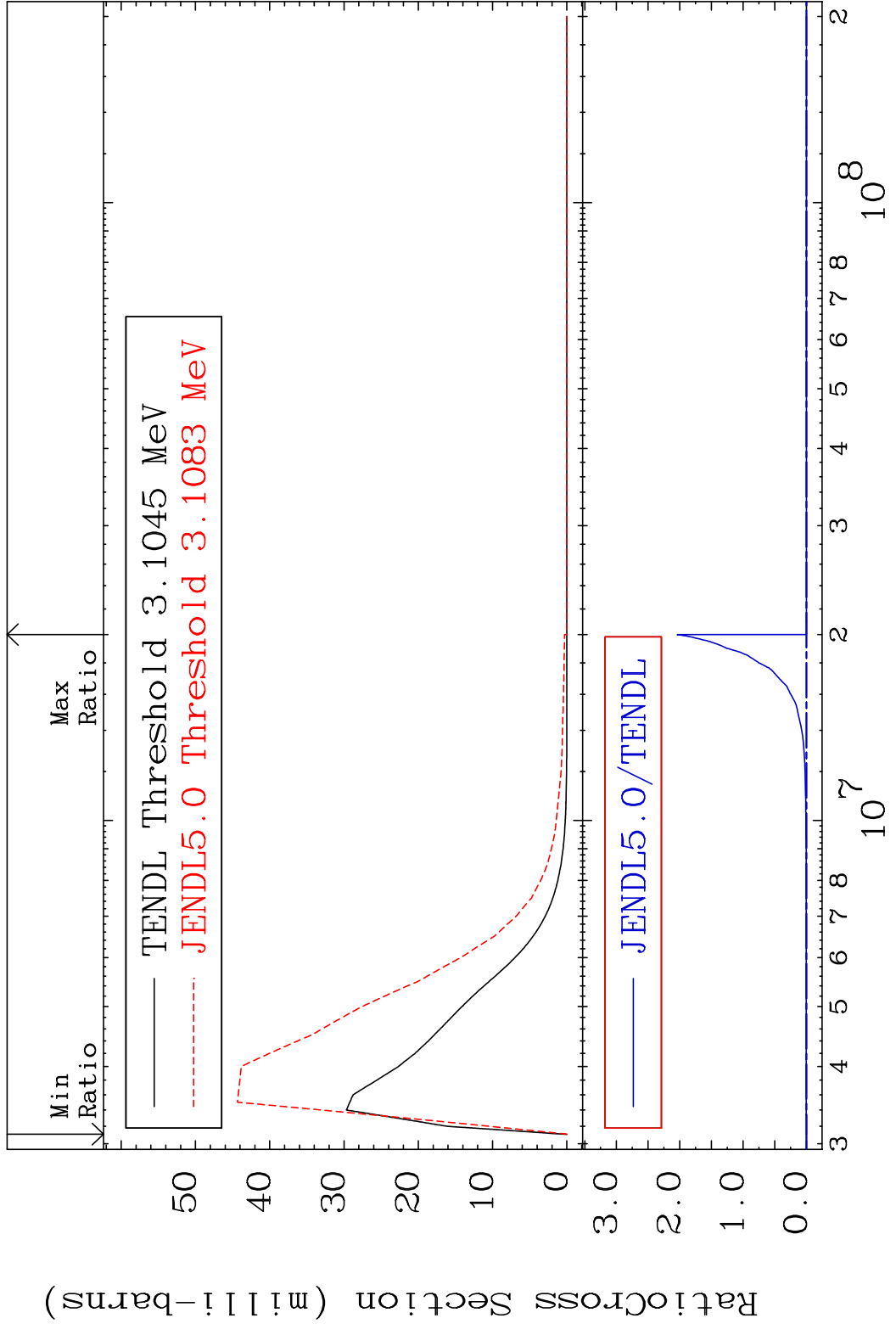
MAT 4425 MT= 73 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 75.90 %



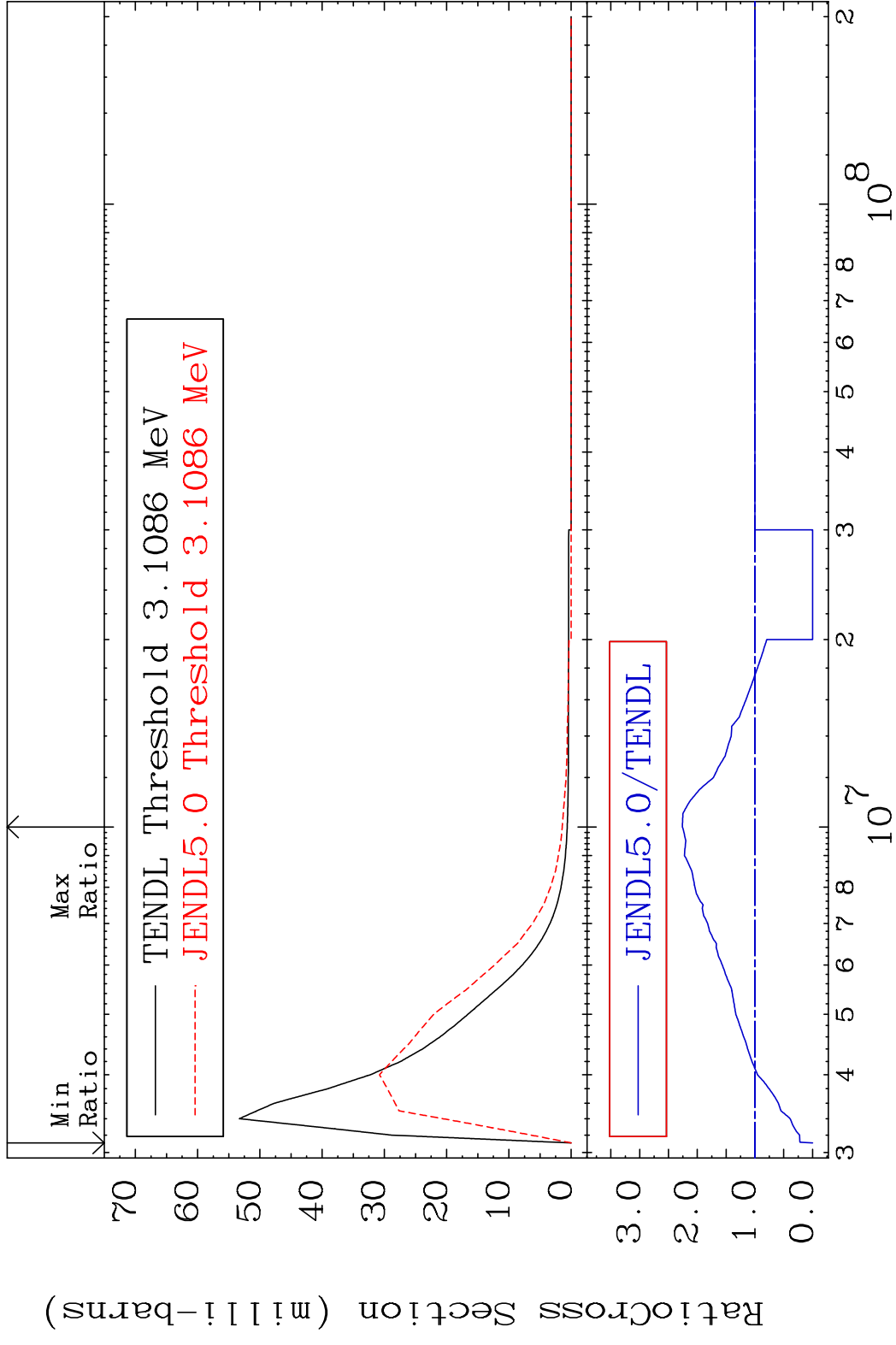
MAT 4425 MT= 74 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %



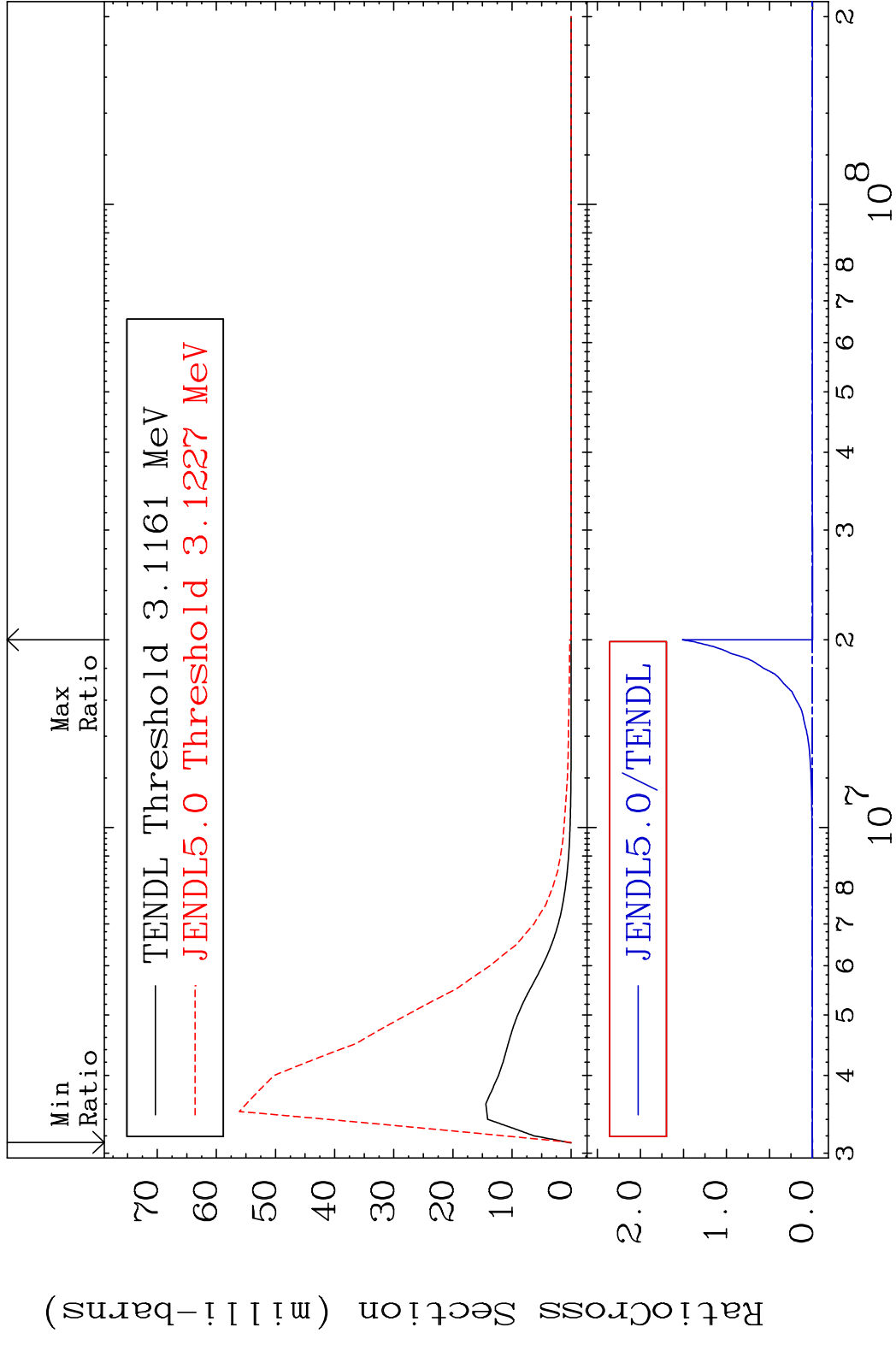
MAT 4425 MT= 75 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %



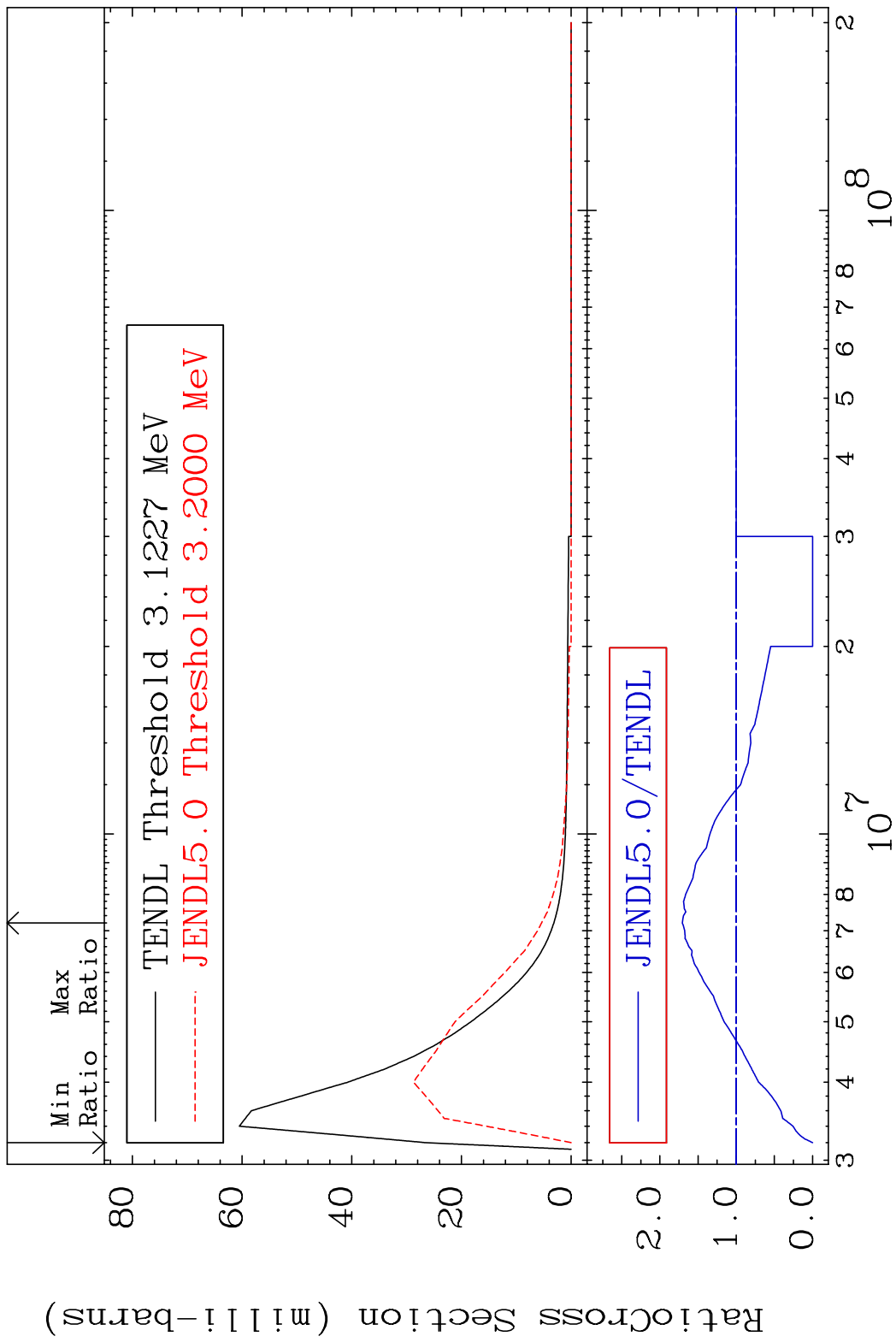
MAT 4425 MT= 76 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 125.9 %



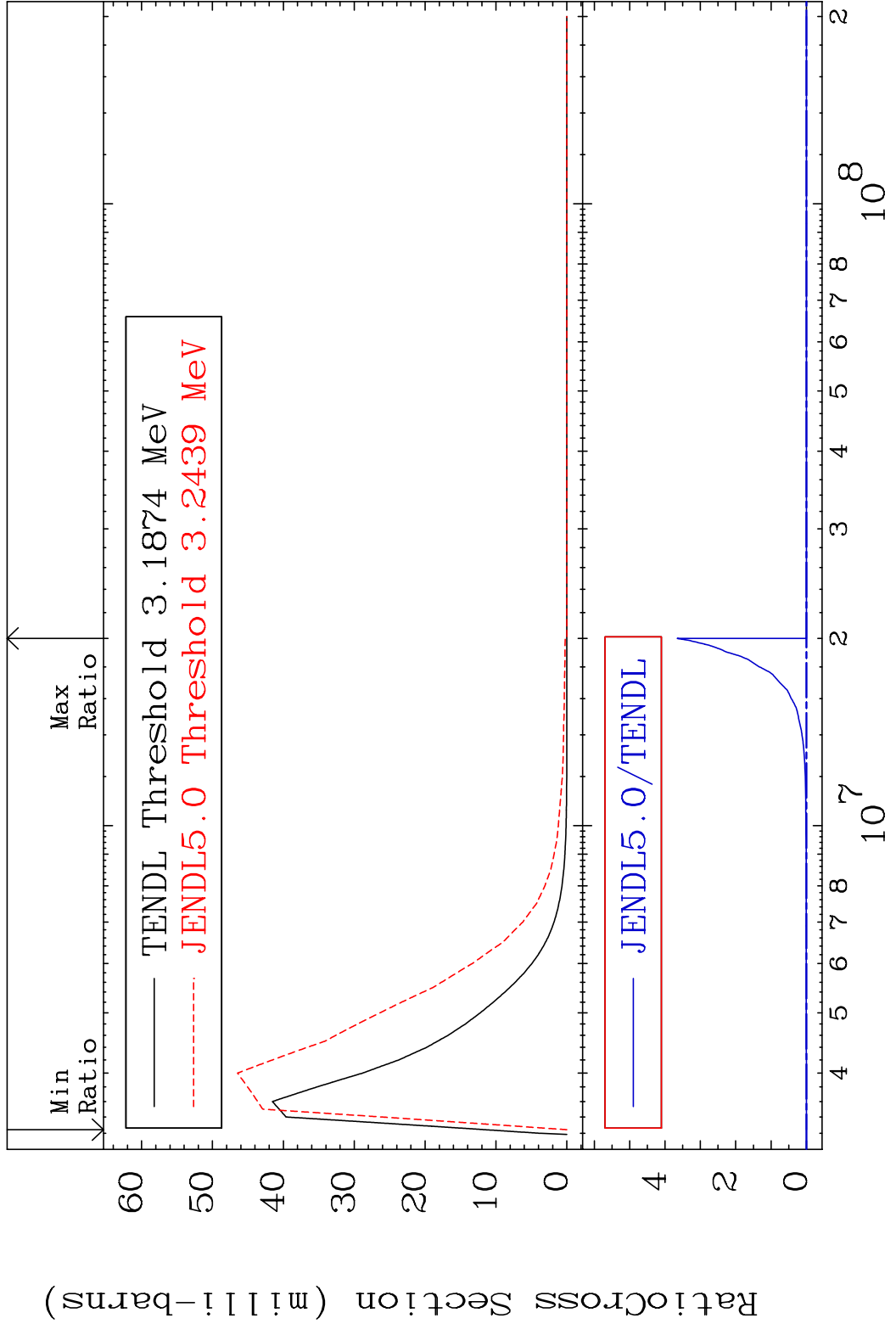
MAT 4425 MT= 77 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %



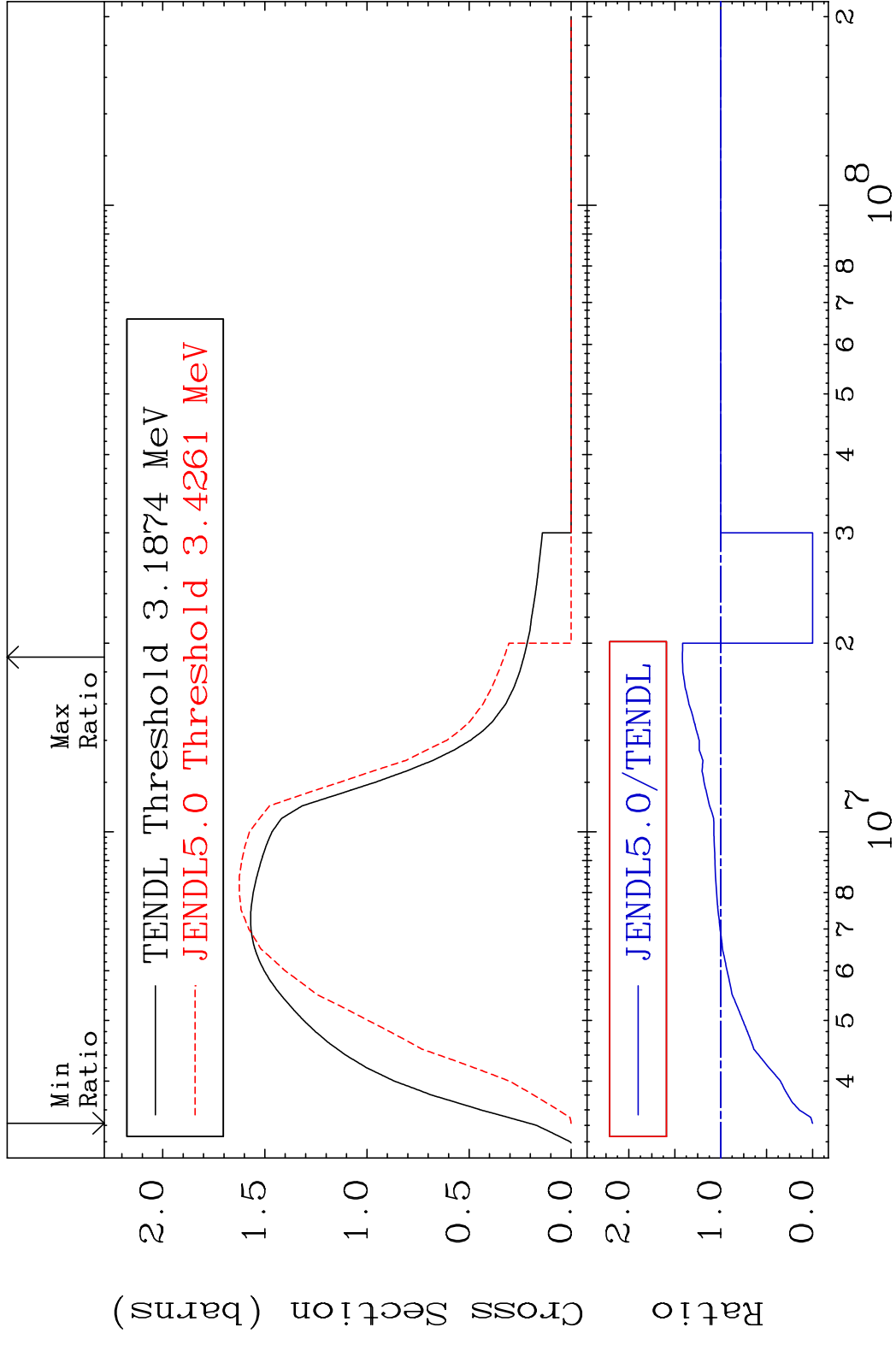
MAT 4425 MT= 78 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 70.61 %



MAT 4425 MT= 79 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 9999. %



MAT 4425 (n,n') Continuum 44-Ru-96  
 Cross Section -100.0 To 41.75 %

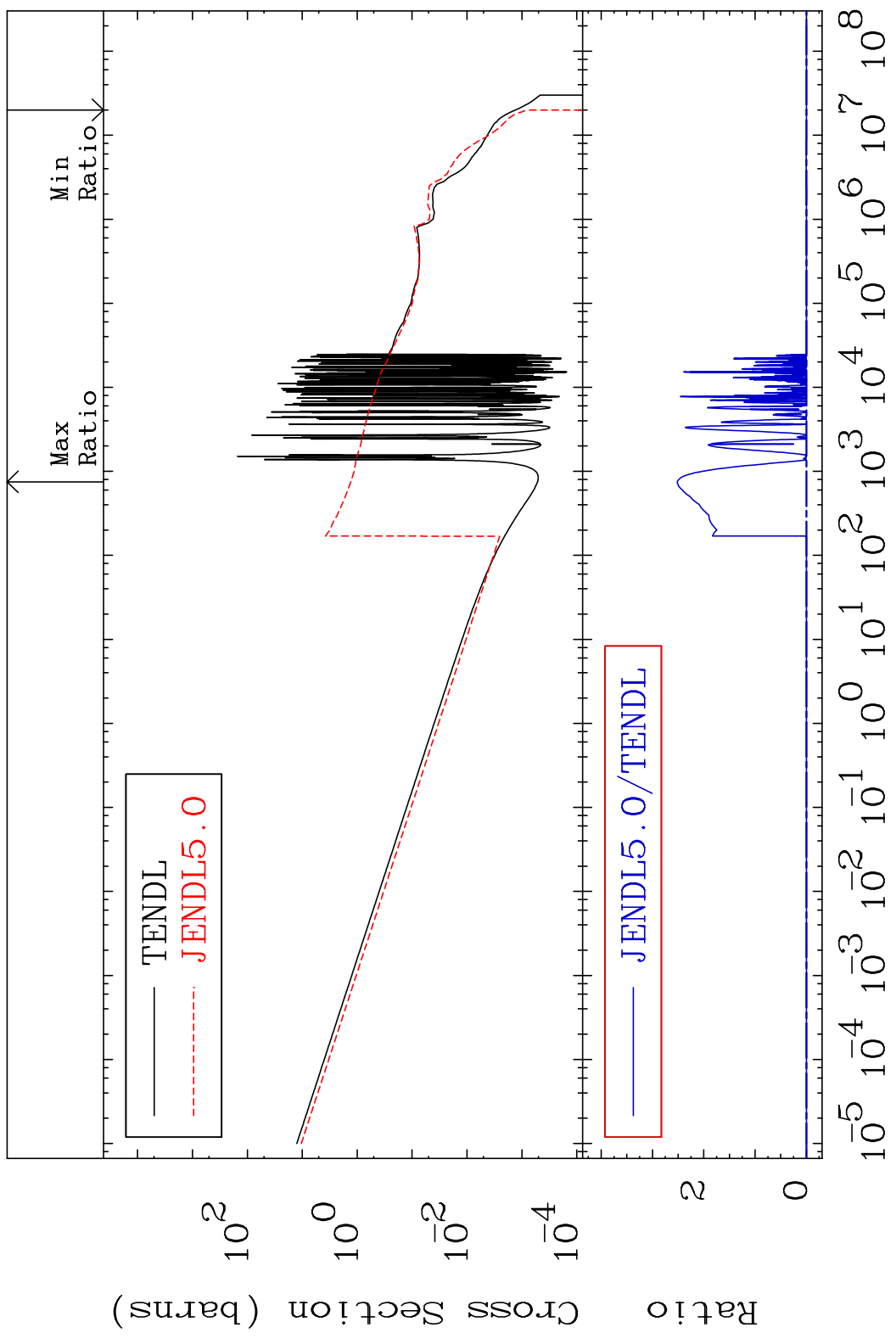


MAT 4425

(n,  $\gamma$ )

44-Ru-96

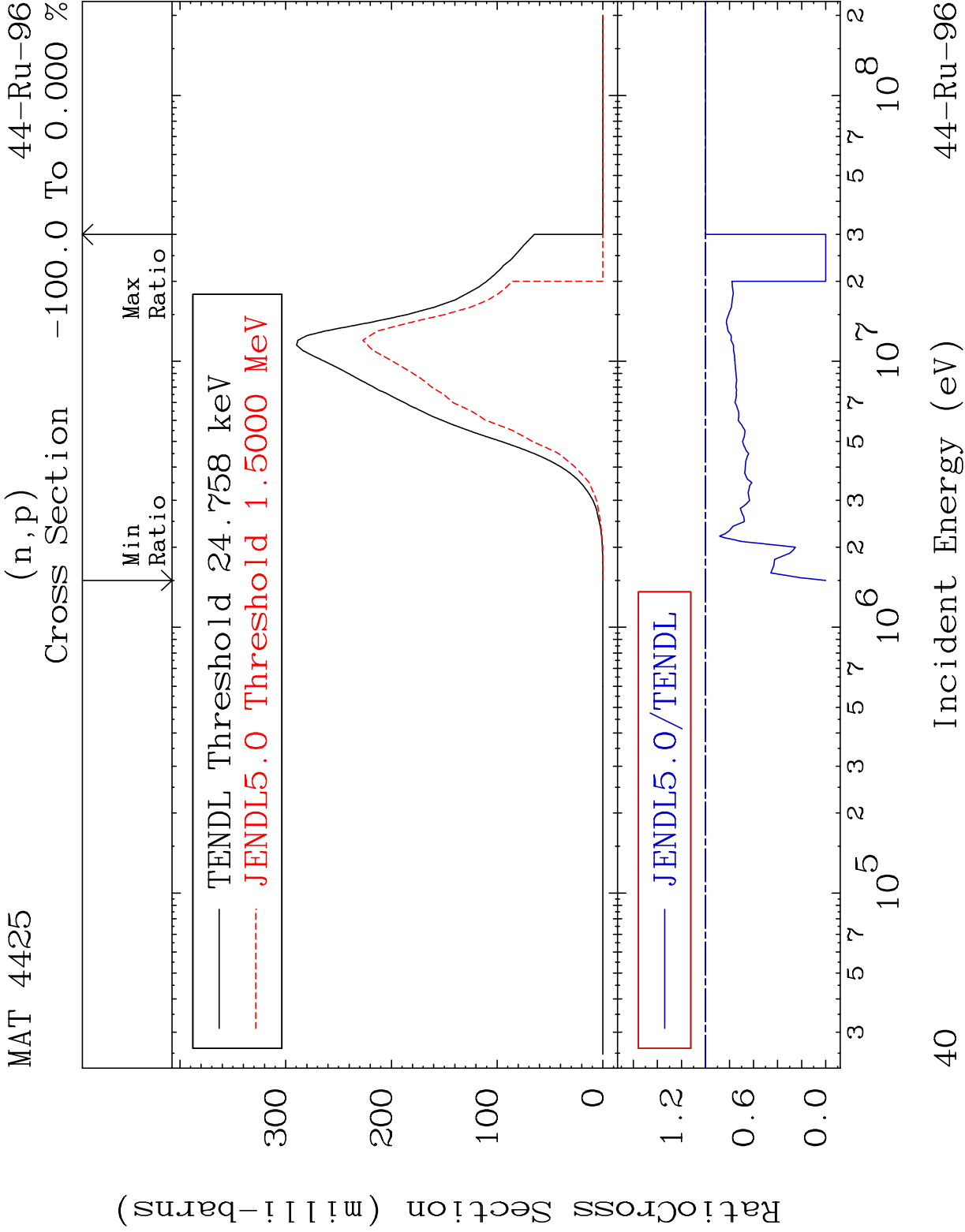
Cross Section -100.0 To 9999. %



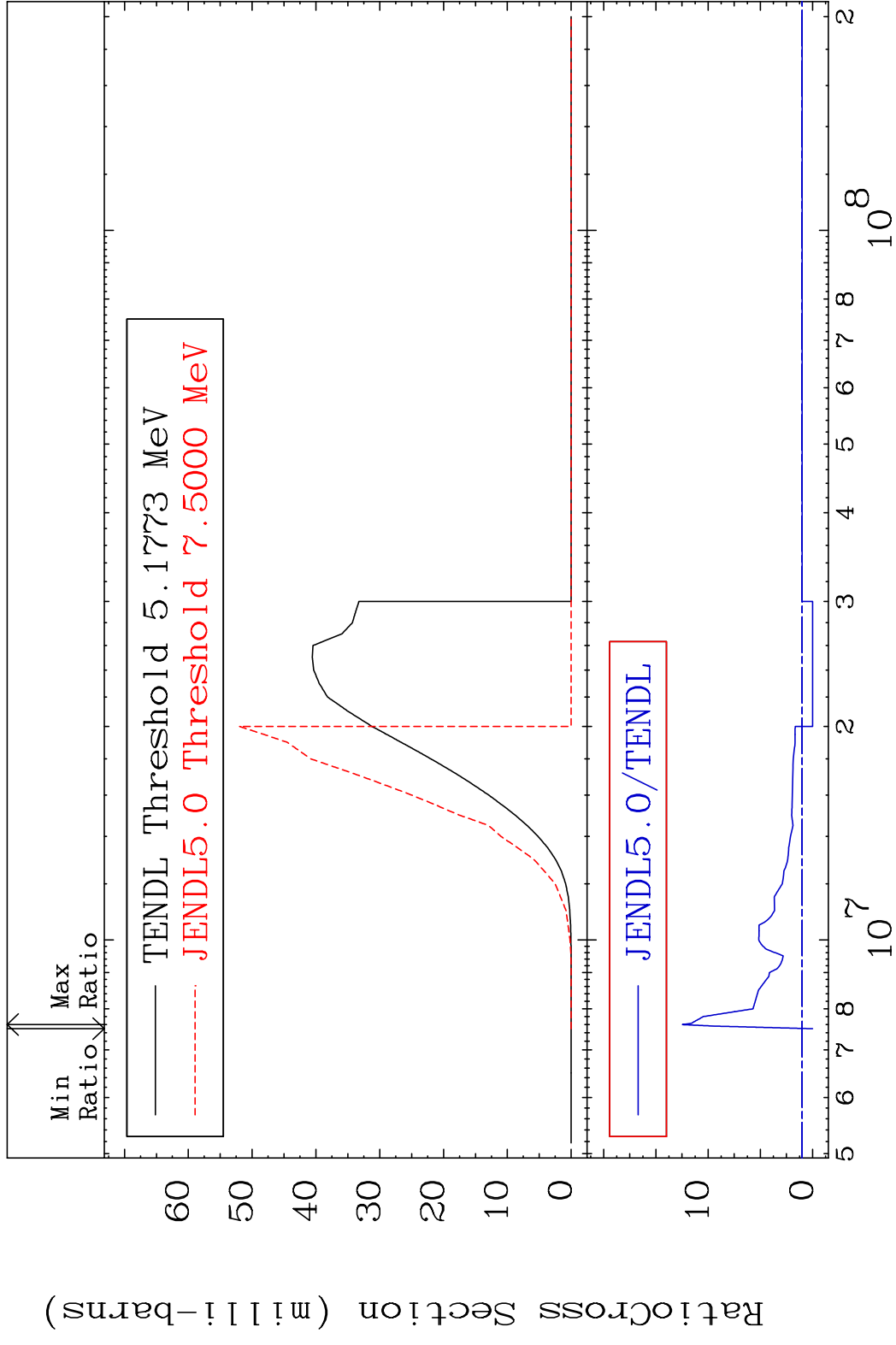
39

Incident Energy (eV)

44-Ru-96



MAT 4425 (n,d) 44-Ru-96  
 Cross Section -100.0 To 1147. %

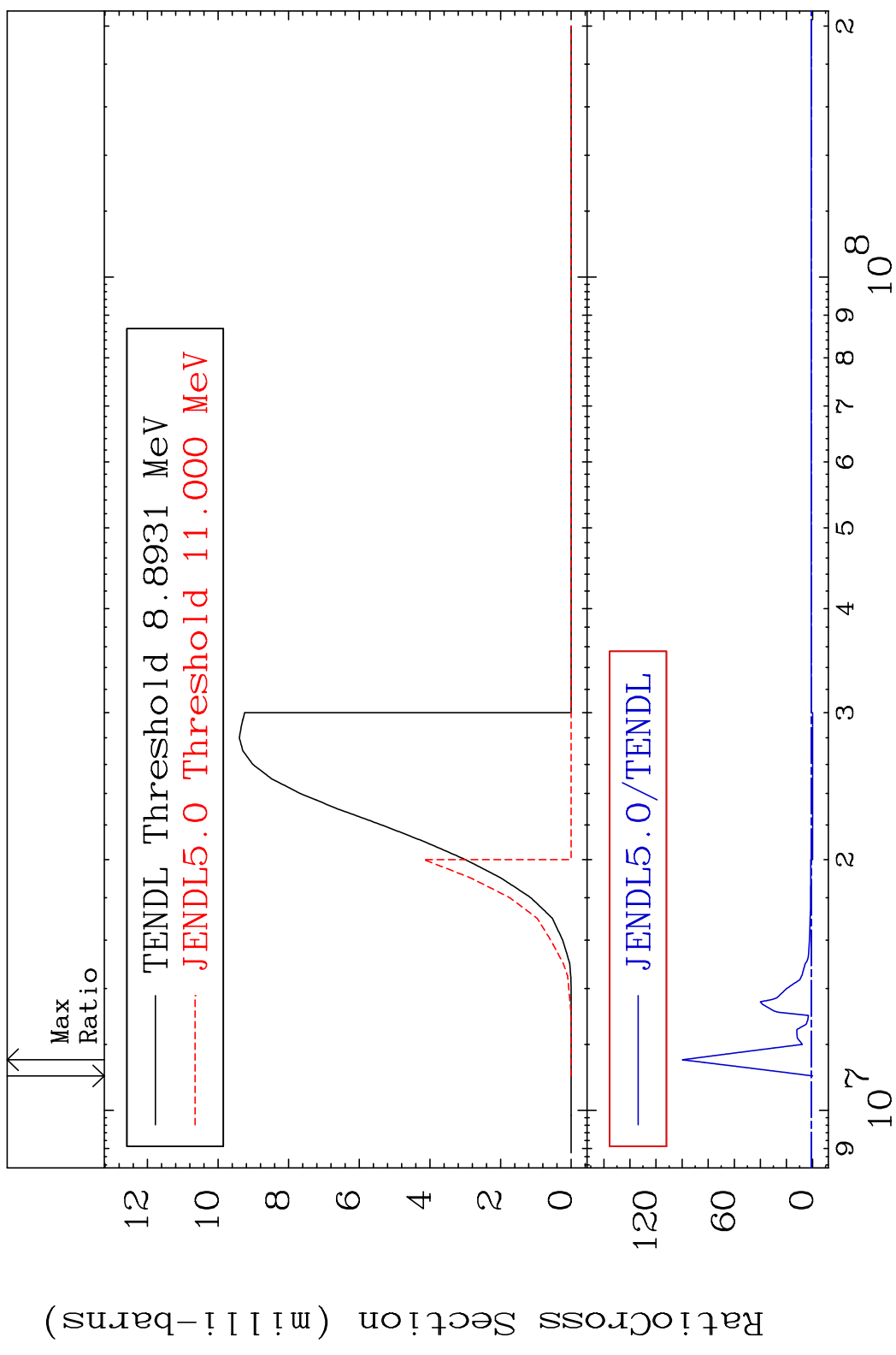


MAT 4425

(n, t)

44-Ru-96

Cross Section -100.0 To 9881. %



42

Incident Energy (eV)

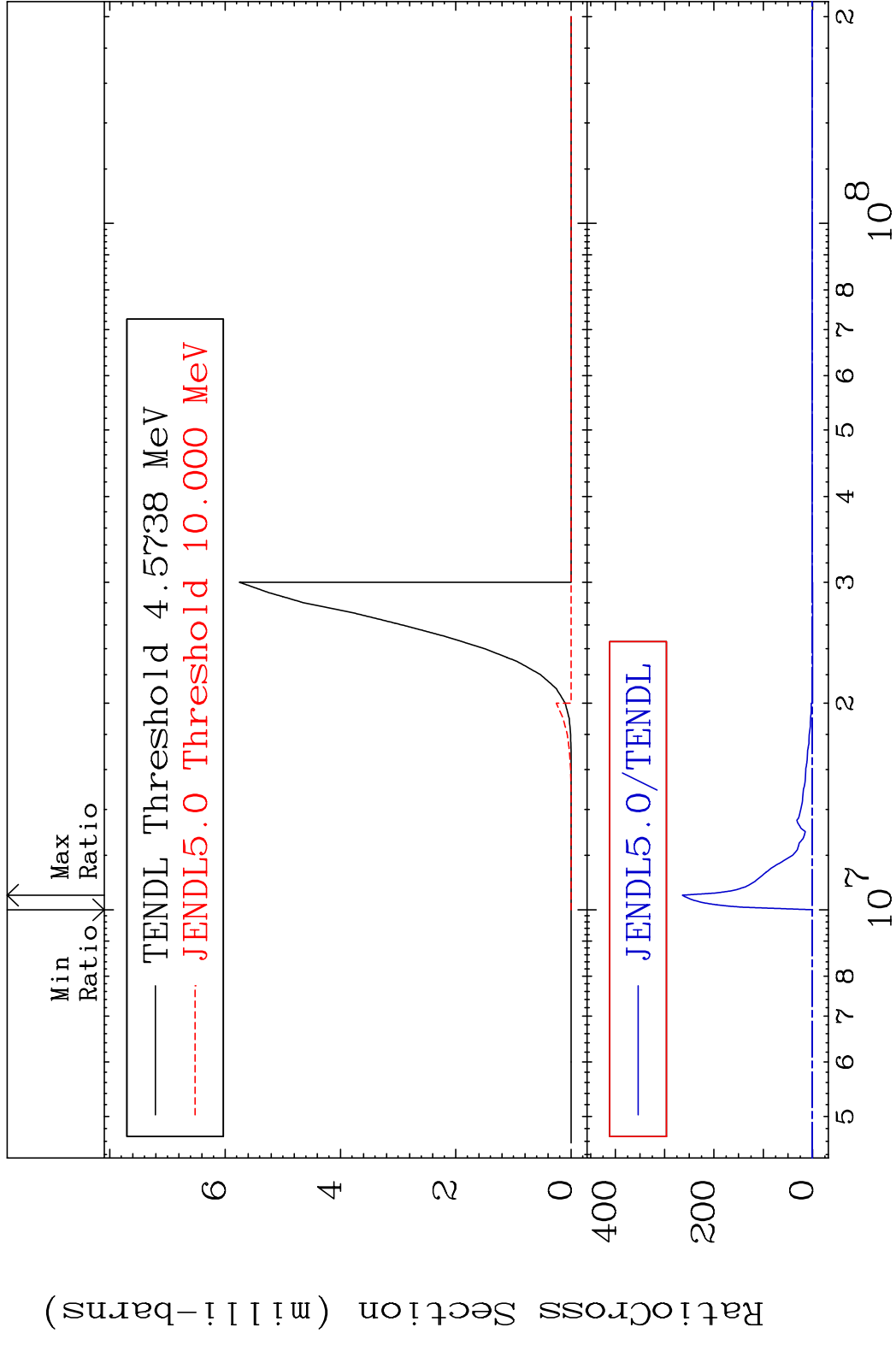
44-Ru-96

MAT 4425

(n, He-3)

44-Ru-96

Cross Section -100.0 To 9999. %

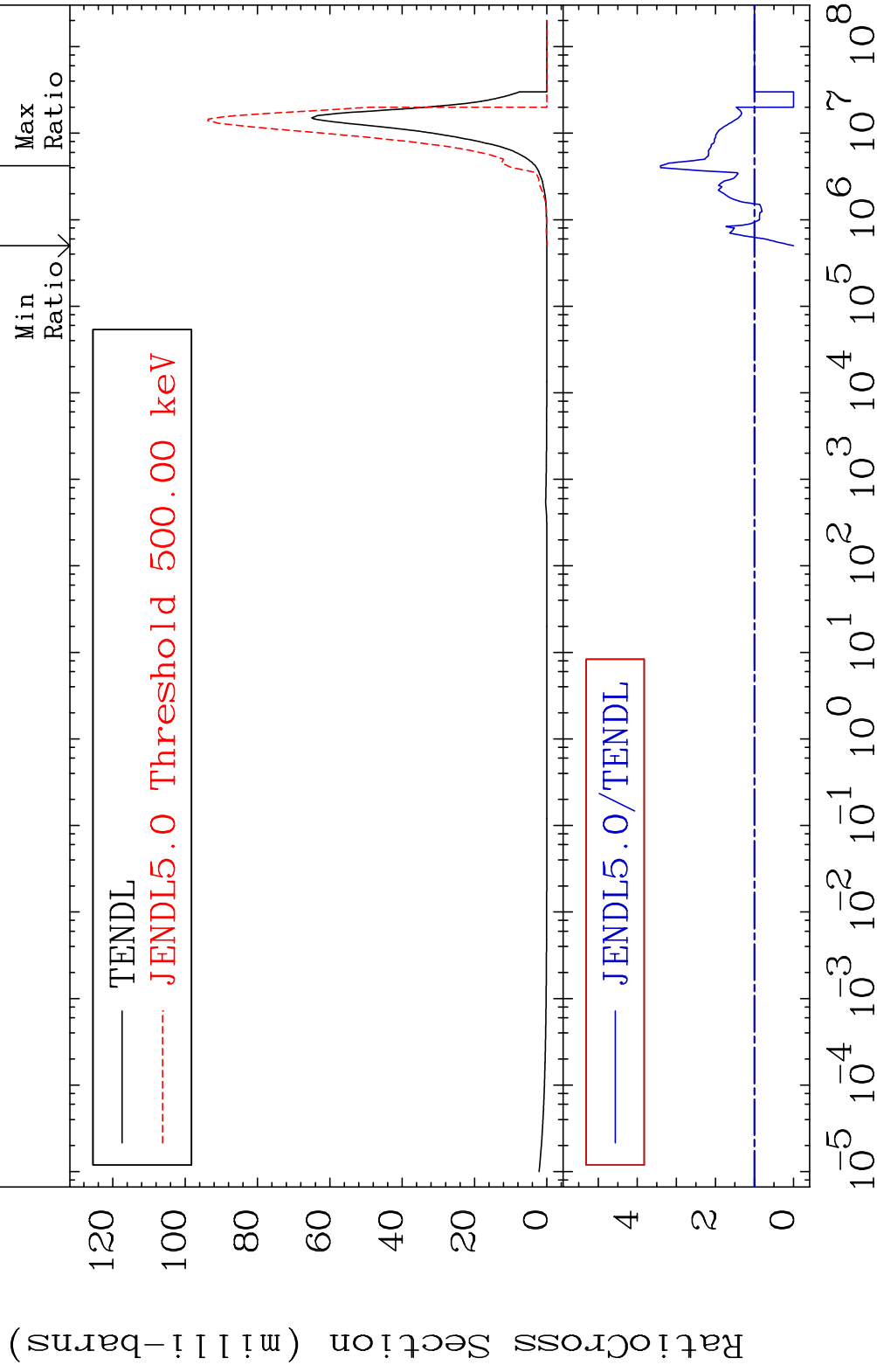


MAT 4425

(n,  $\alpha$ )

44-Ru-96

Cross Section -100.0 To 240.6 %

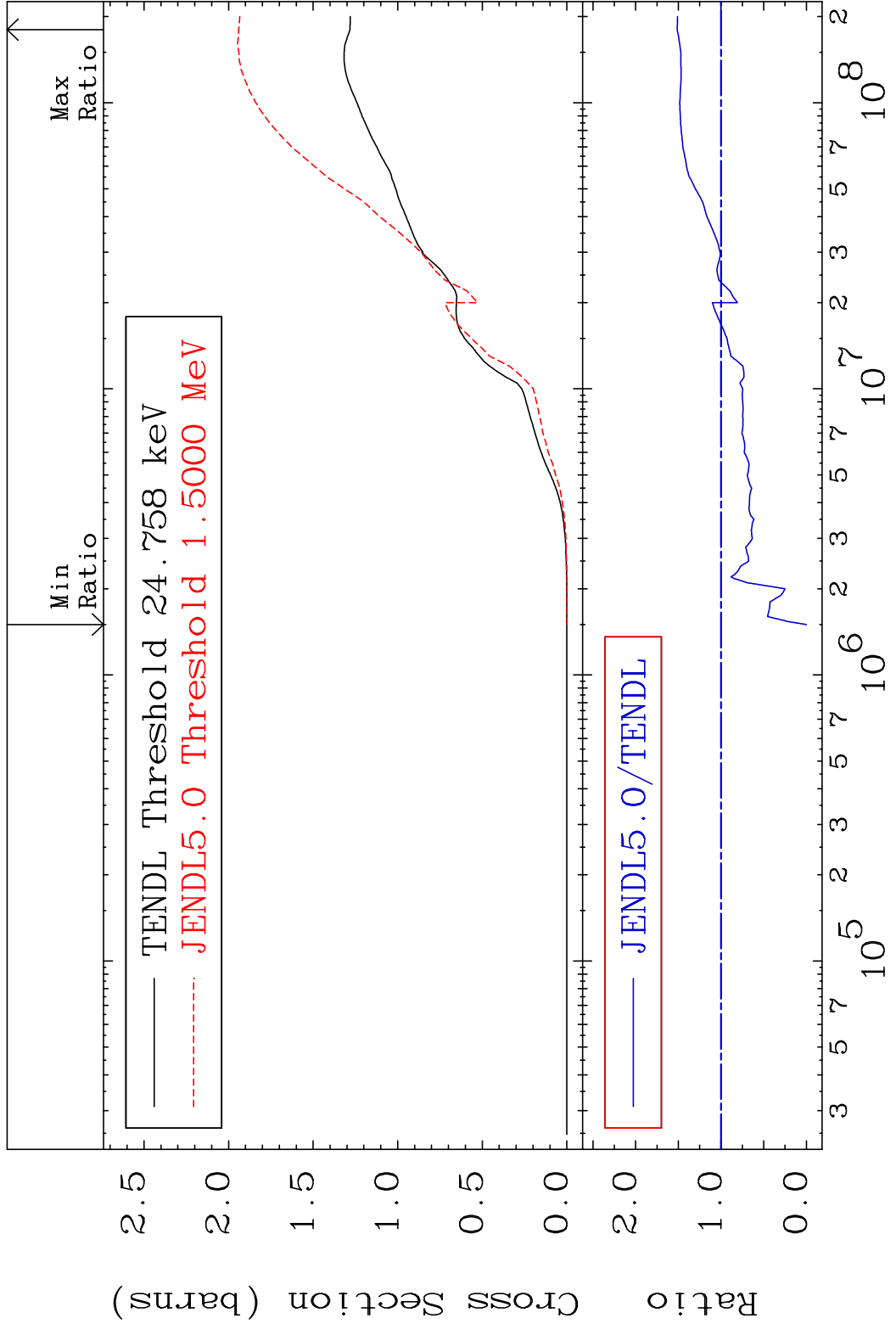


44

Incident Energy (eV)

44-Ru-96

MAT 4425 Hydrogen Production 44-Ru-96  
 Cross Section -100.0 To 51.33 %



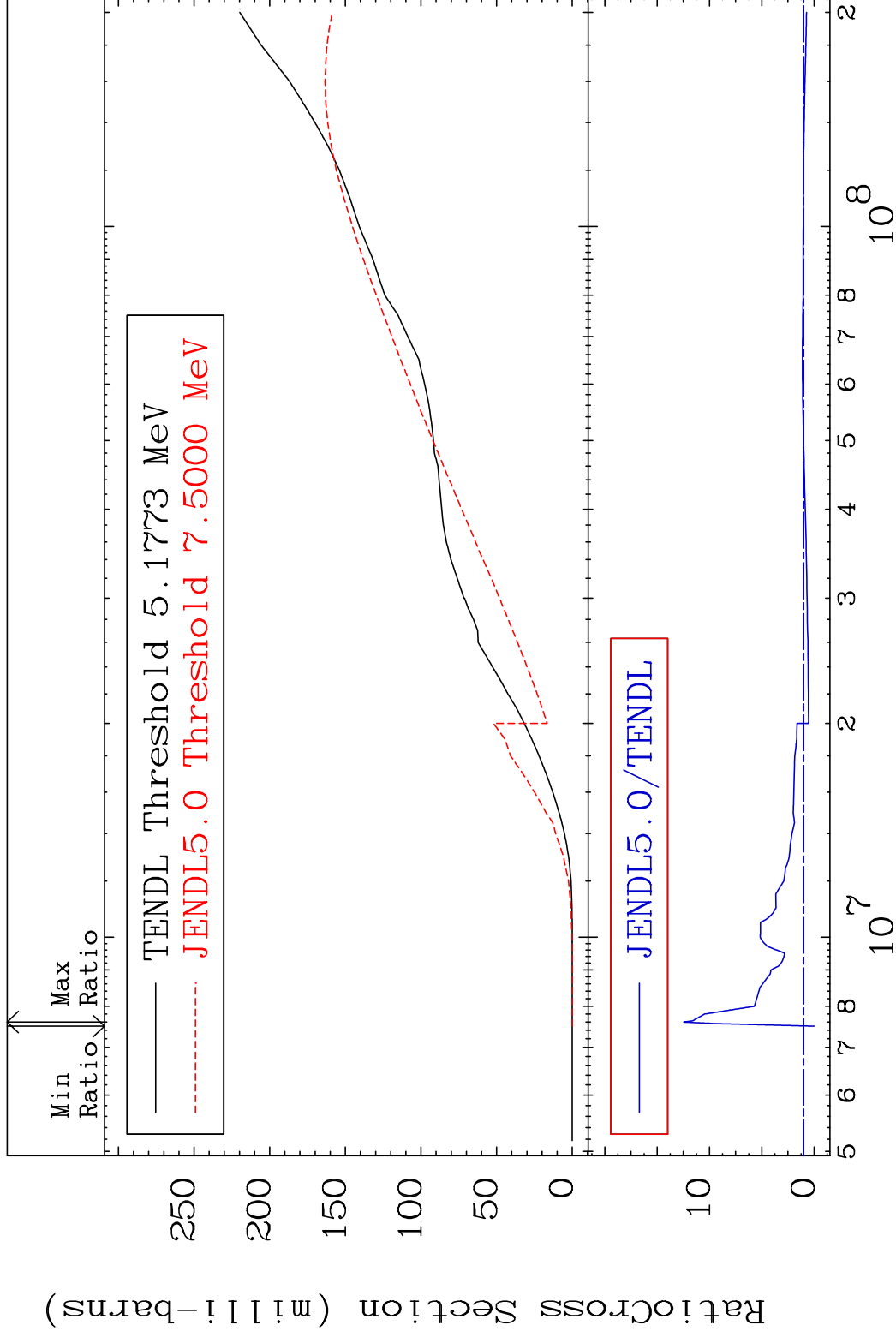
45 Incident Energy (eV) 44-Ru-96

MAT 4425

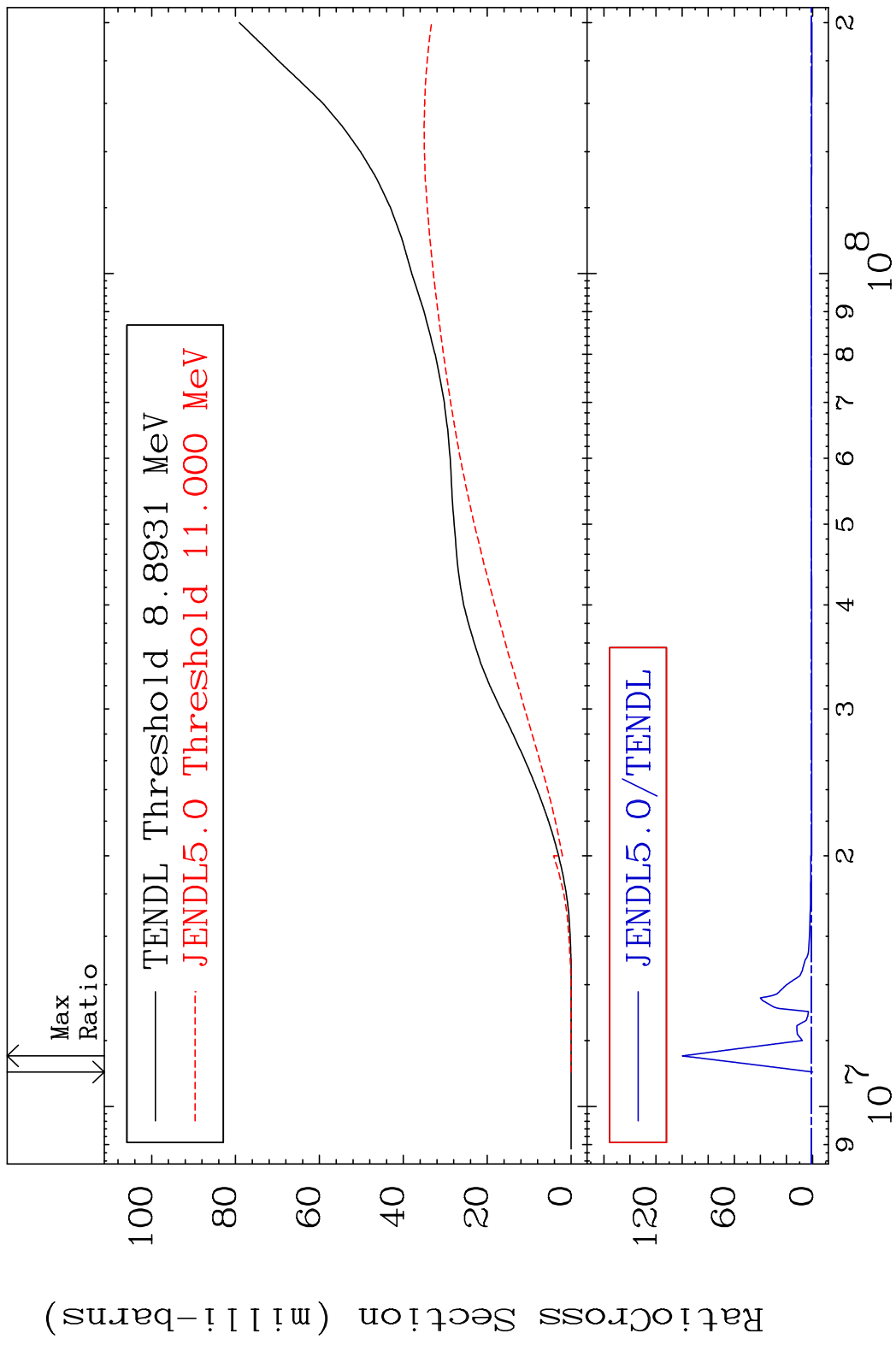
Deuterium Production

44-Ru-96

Cross Section -100.0 To 1147. %



MAT 4425 Tritium Production 44-Ru-96  
 Cross Section -100.0 To 9881. %



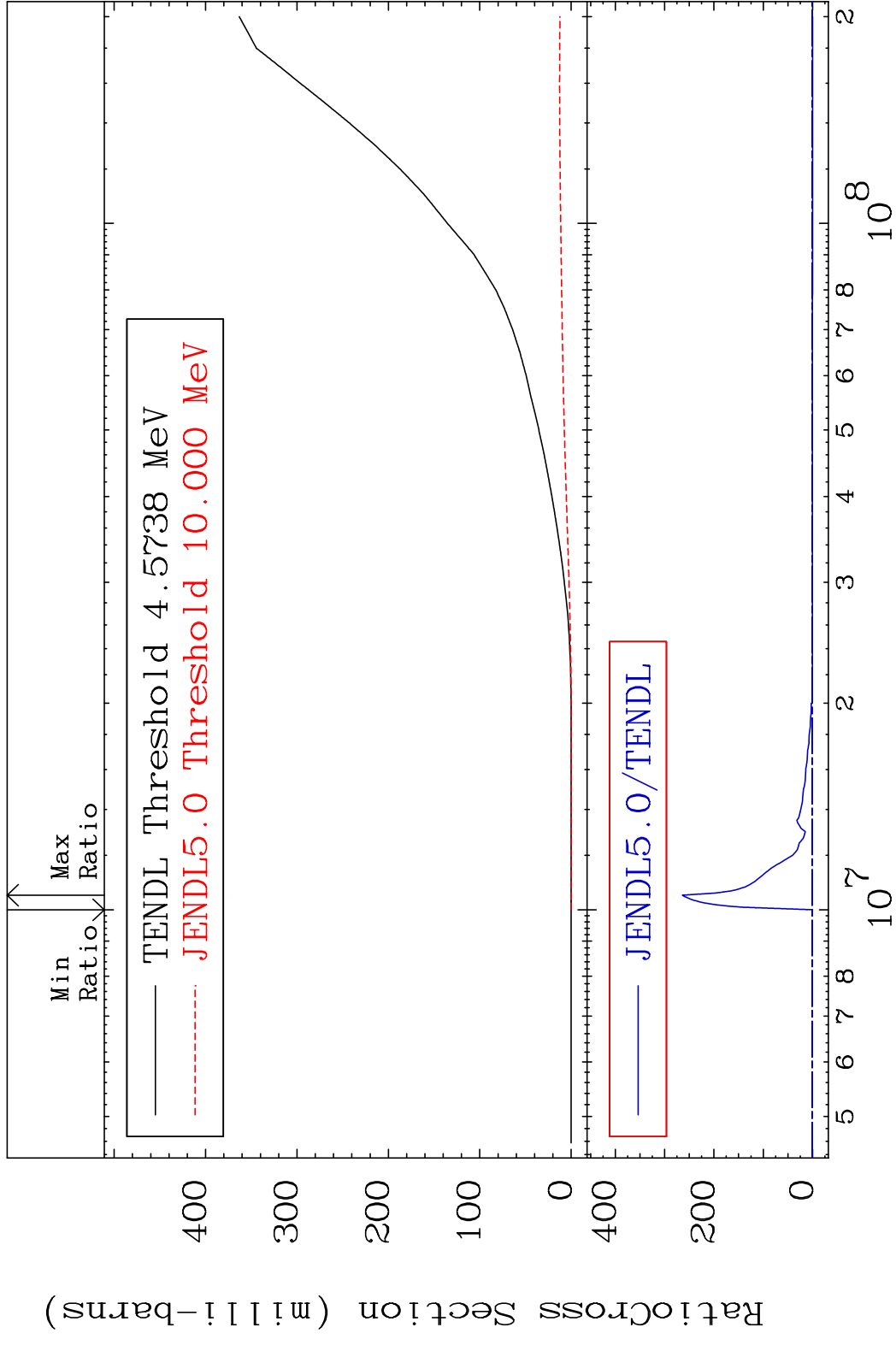
47 44-Ru-96

MAT 4425

He-3 Production

44-Ru-96

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

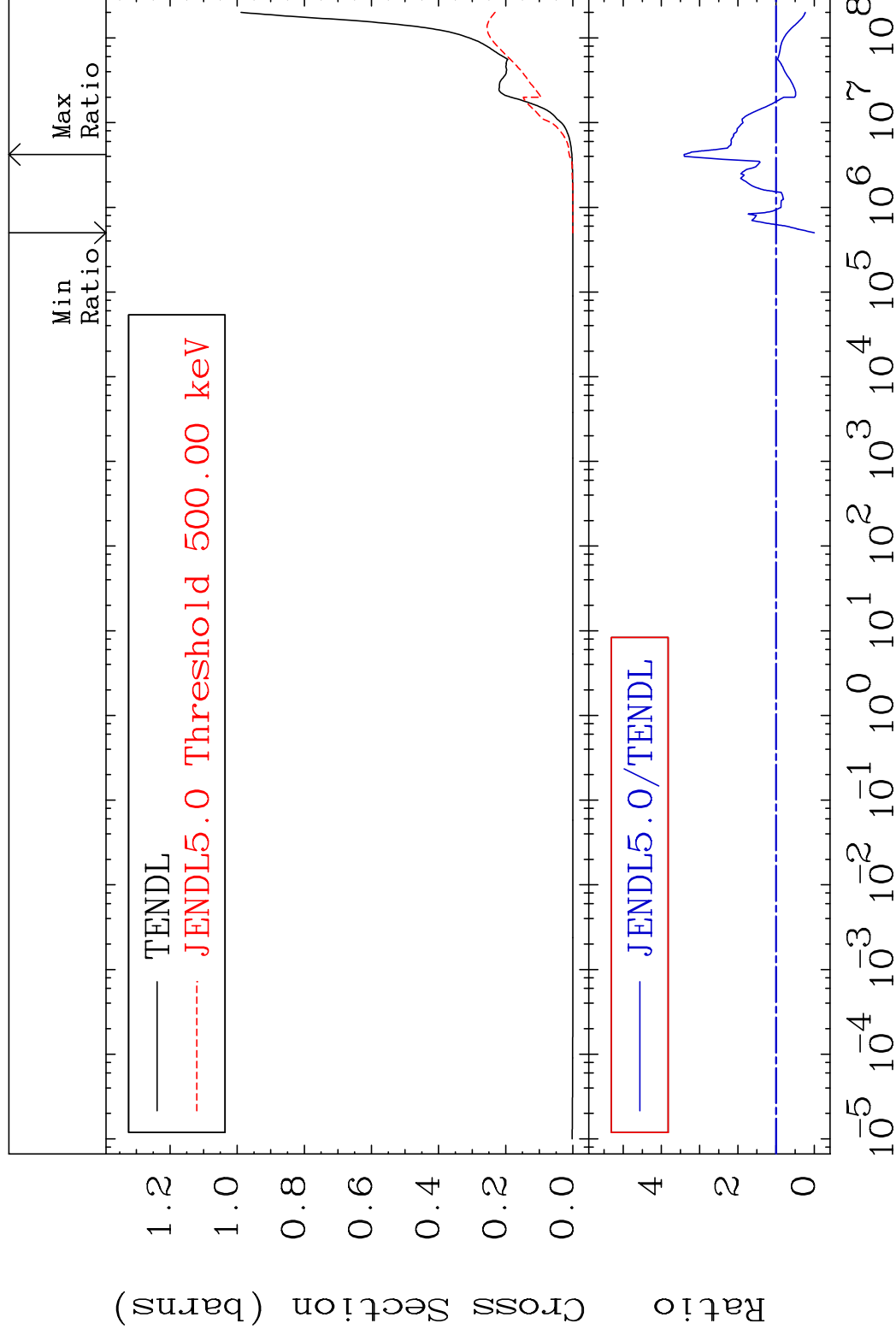
44-Ru-96

MAT 4425

He-4 Production

44-Ru-96

Cross Section -100.0 To 240.6 %

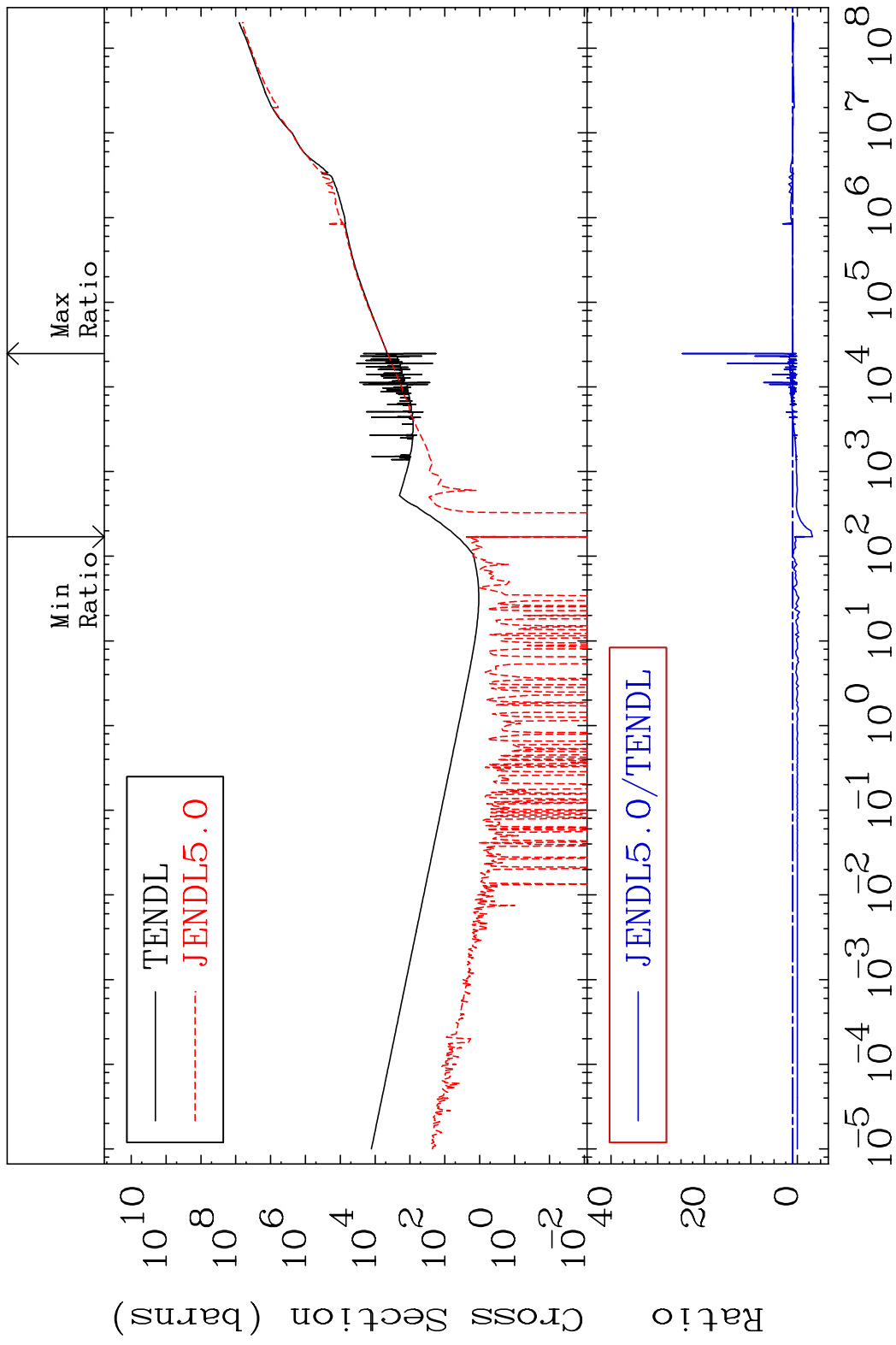


49

Incident Energy (eV)

44-Ru-96

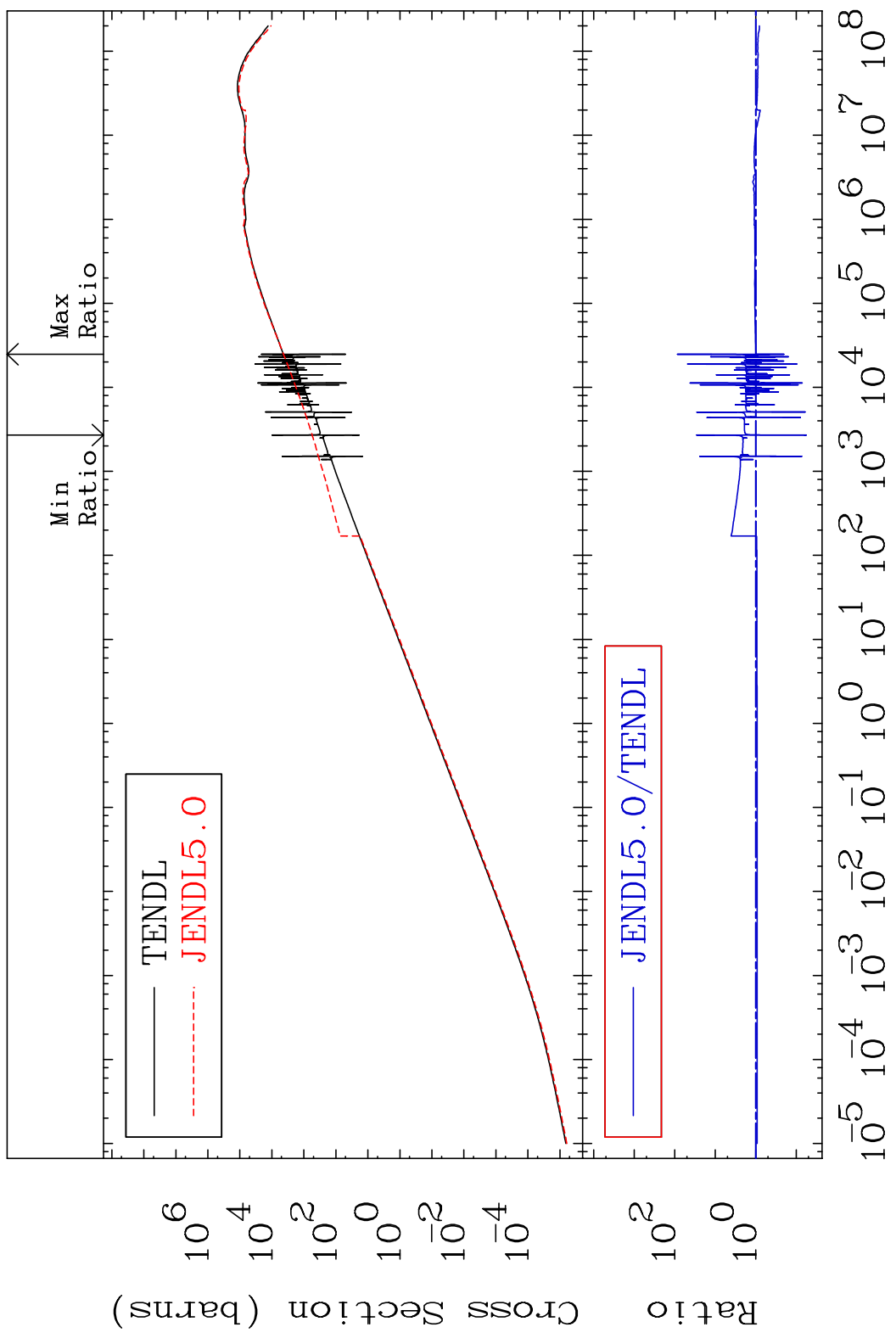
MAT 4425 Kerma total (eV-barns) 44-Ru-96  
Cross Section -425.9 To 2370. %



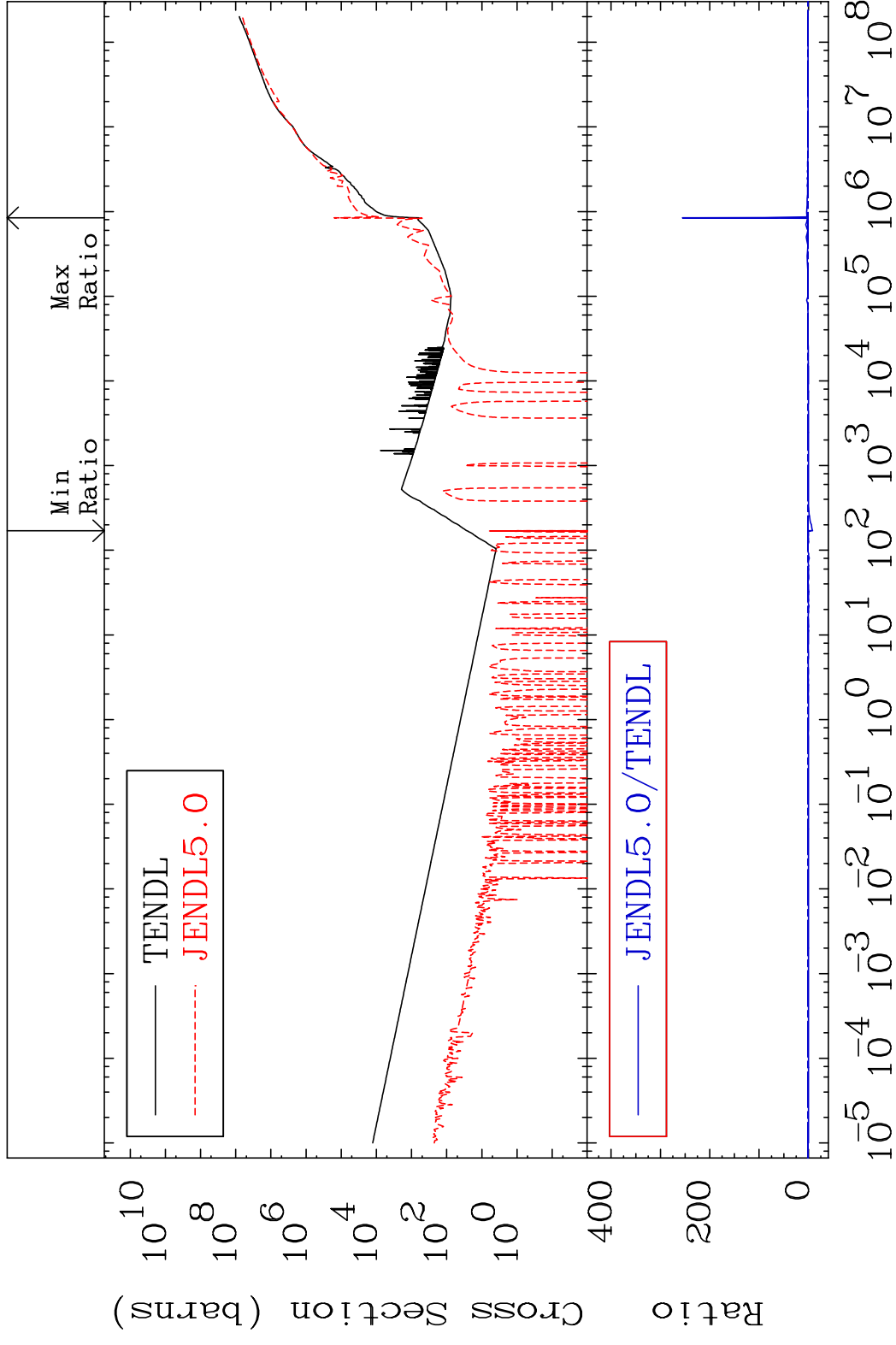
50 Incident Energy (eV) 44-Ru-96

MAT 4425

Kerma elastic Cross Section -94.38 To 8585. %  
44-Ru-96

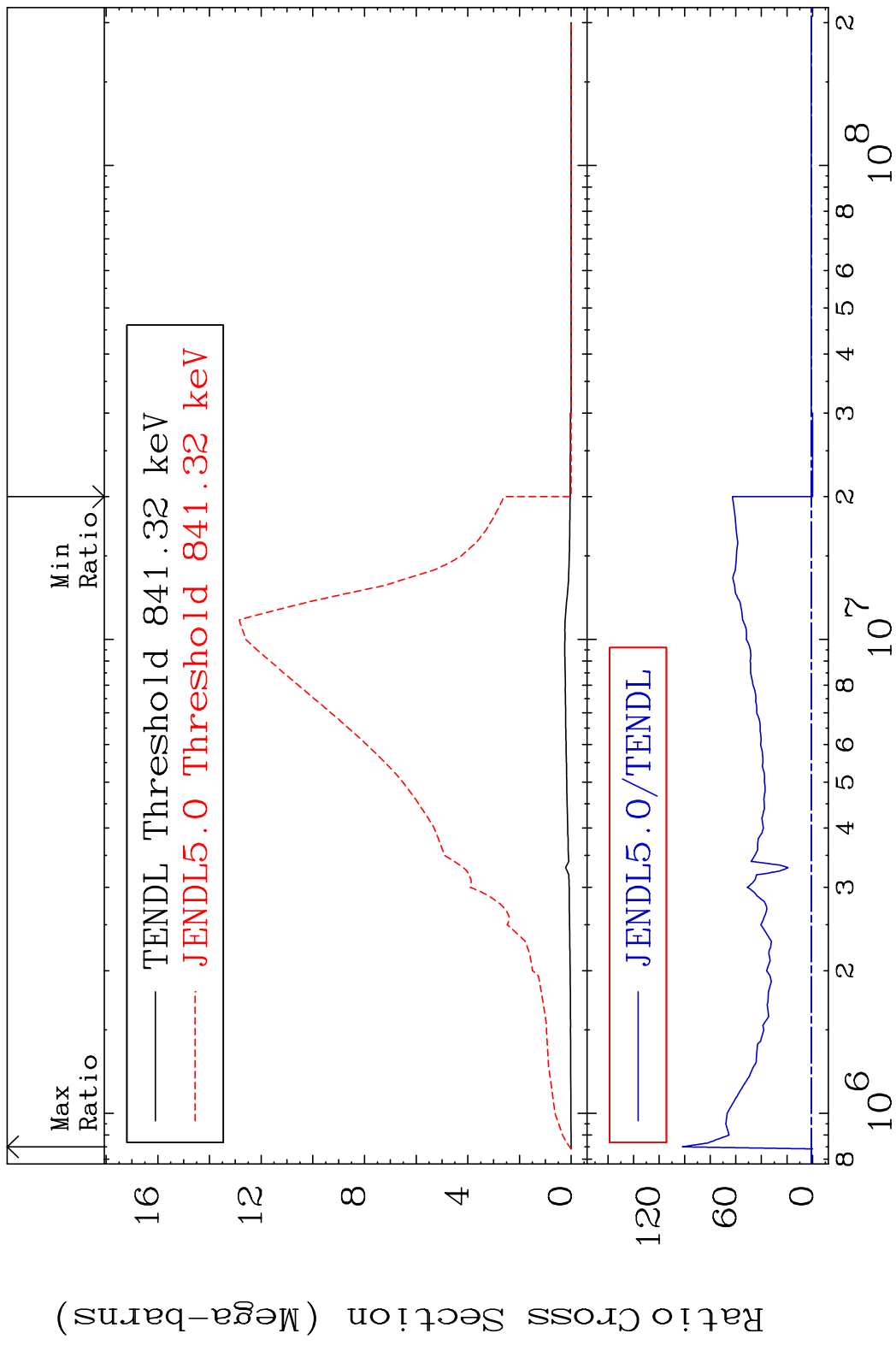


MAT 4425 Kerma non-elastic (all but mt2) 44-Ru-96  
 Cross Section -933.3 To 9999. %

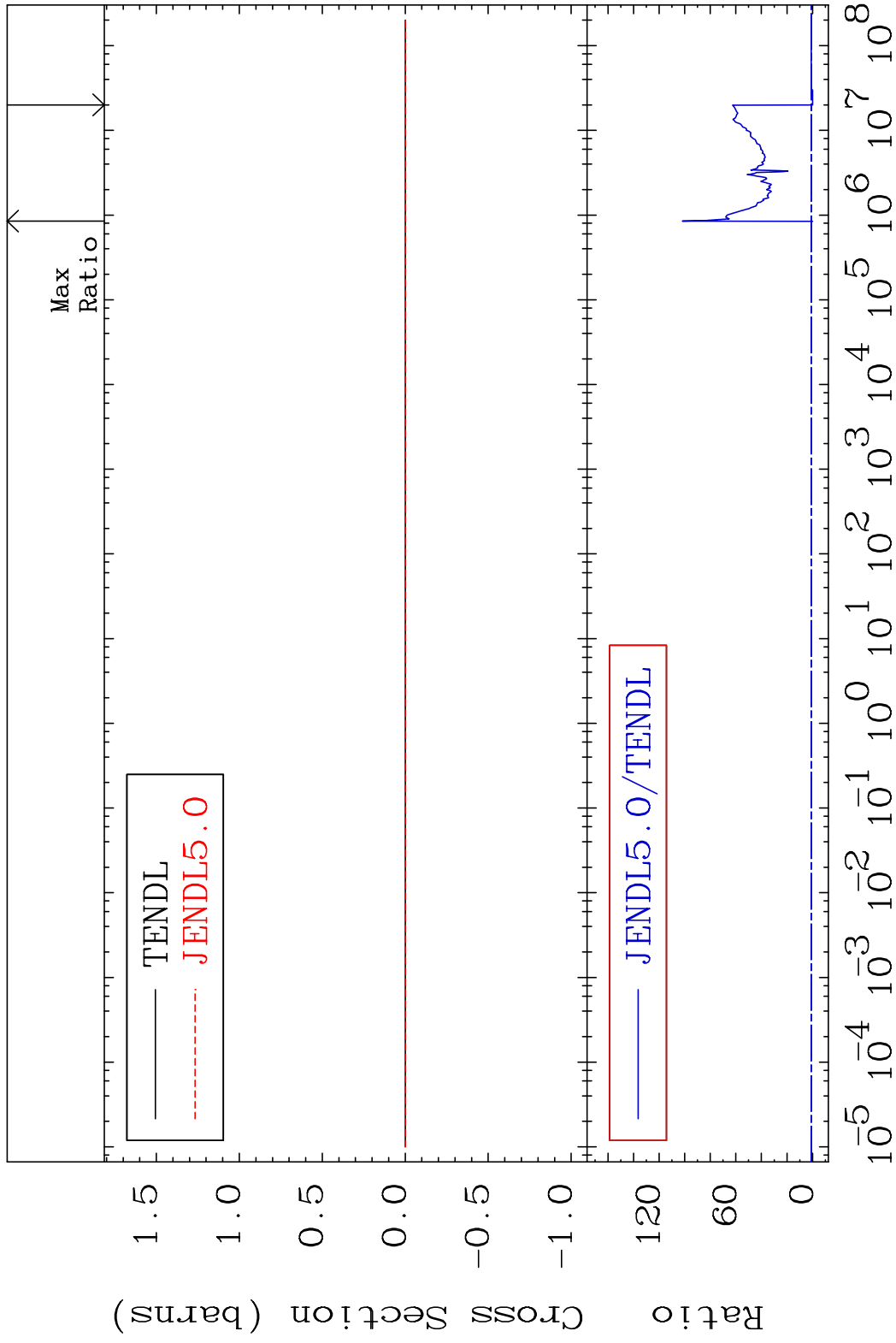


52 Incident Energy (eV) 44-Ru-96

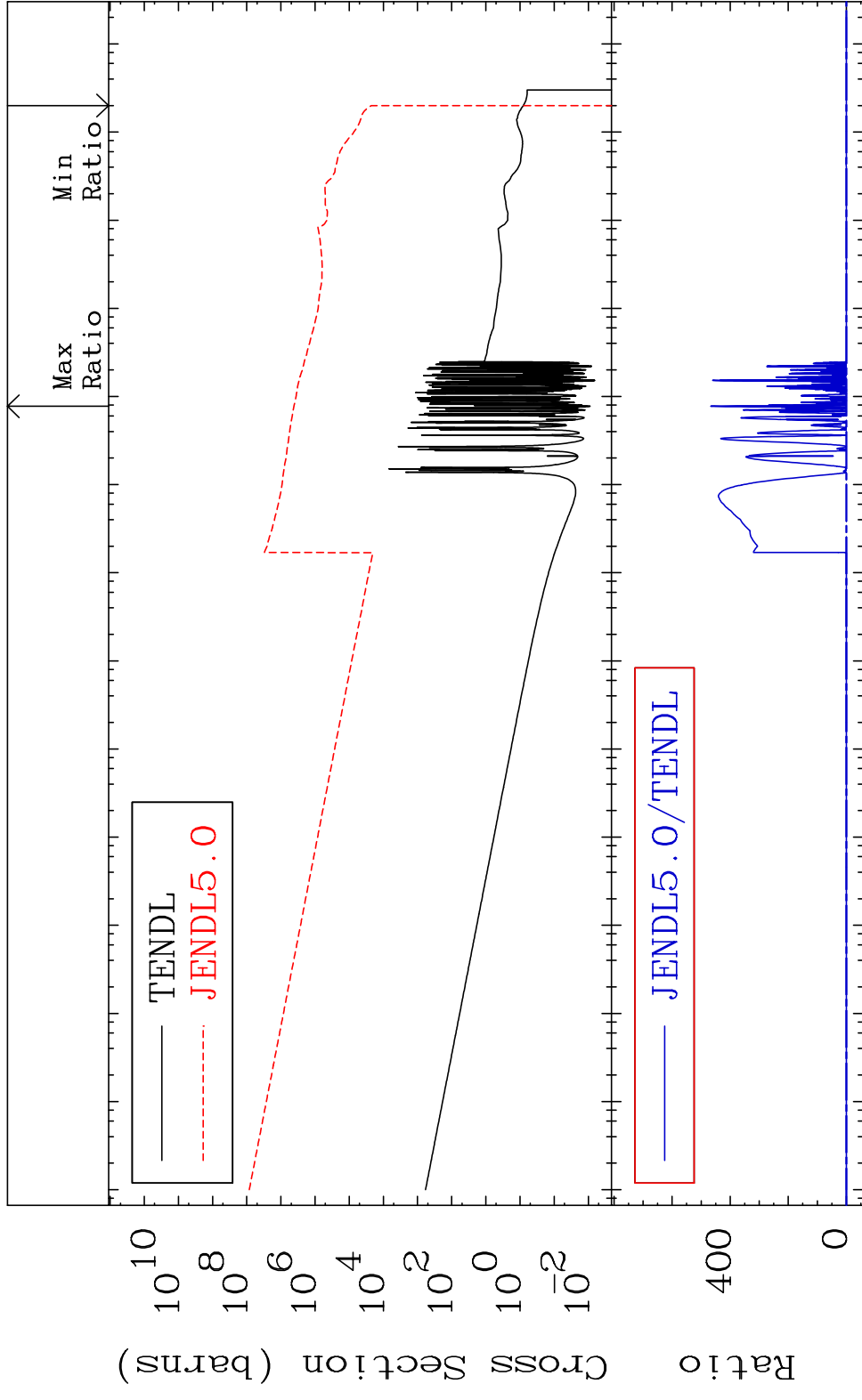
MAT 4425 Kerma inelastic (mt51-91) 44-Ru-96  
 Cross Section -100.0 To 9999. %



MAT 4425 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-96  
 Cross Section -100.0 To 9999. %

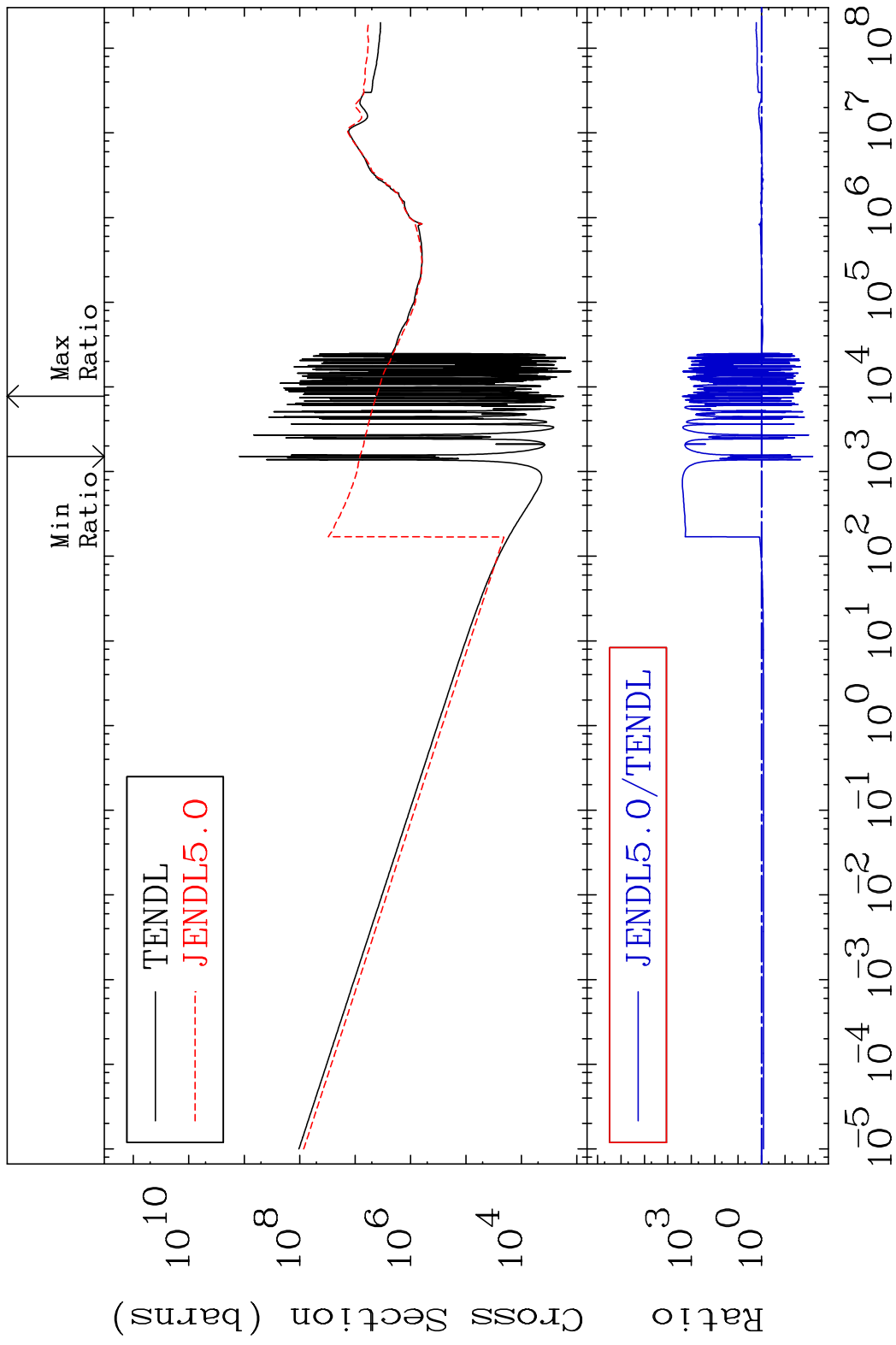


MAT 4425 Kerma capture (mt102) 44-Ru-96  
 Cross Section -100.0 To 9999. %

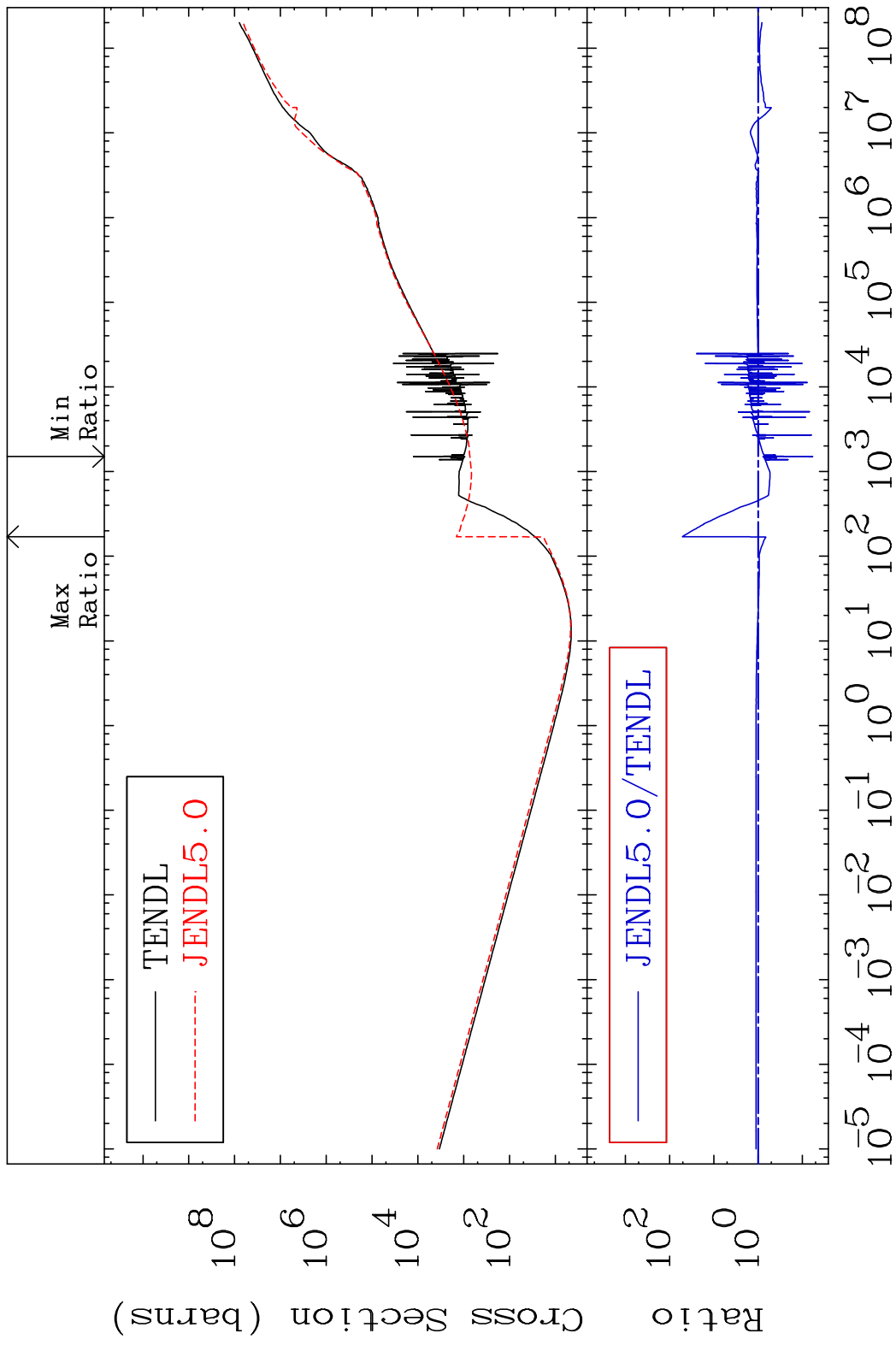


55 Incident Energy (eV) 44-Ru-96

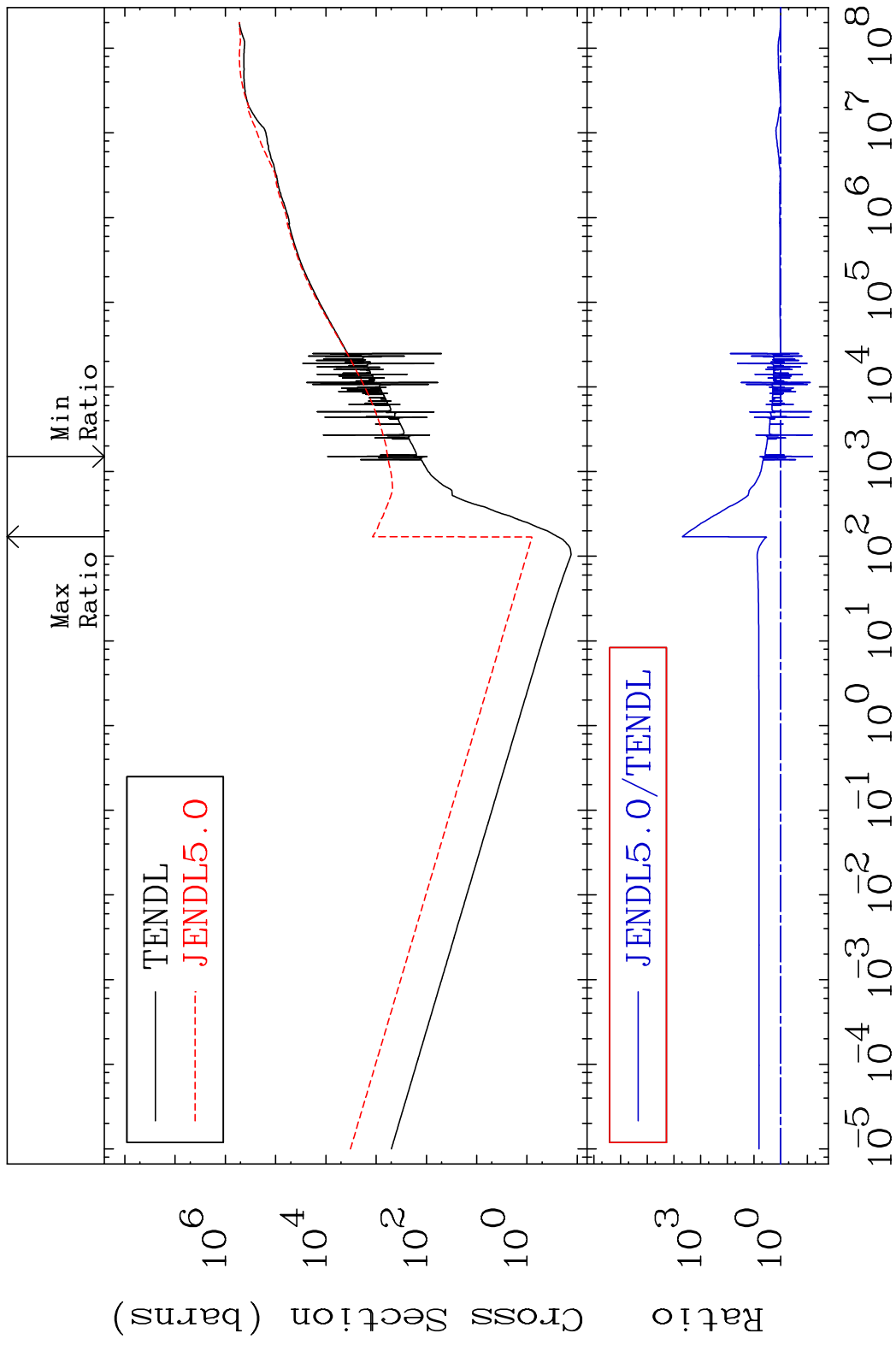
MAT 4425 Total photon (eV-barns) 44-Ru-96  
 Cross Section -99.34 To 9999. %



MAT 4425 Total kinematic kerma (high limit) 44-Ru-96  
Cross Section -94.13 To 5052. %

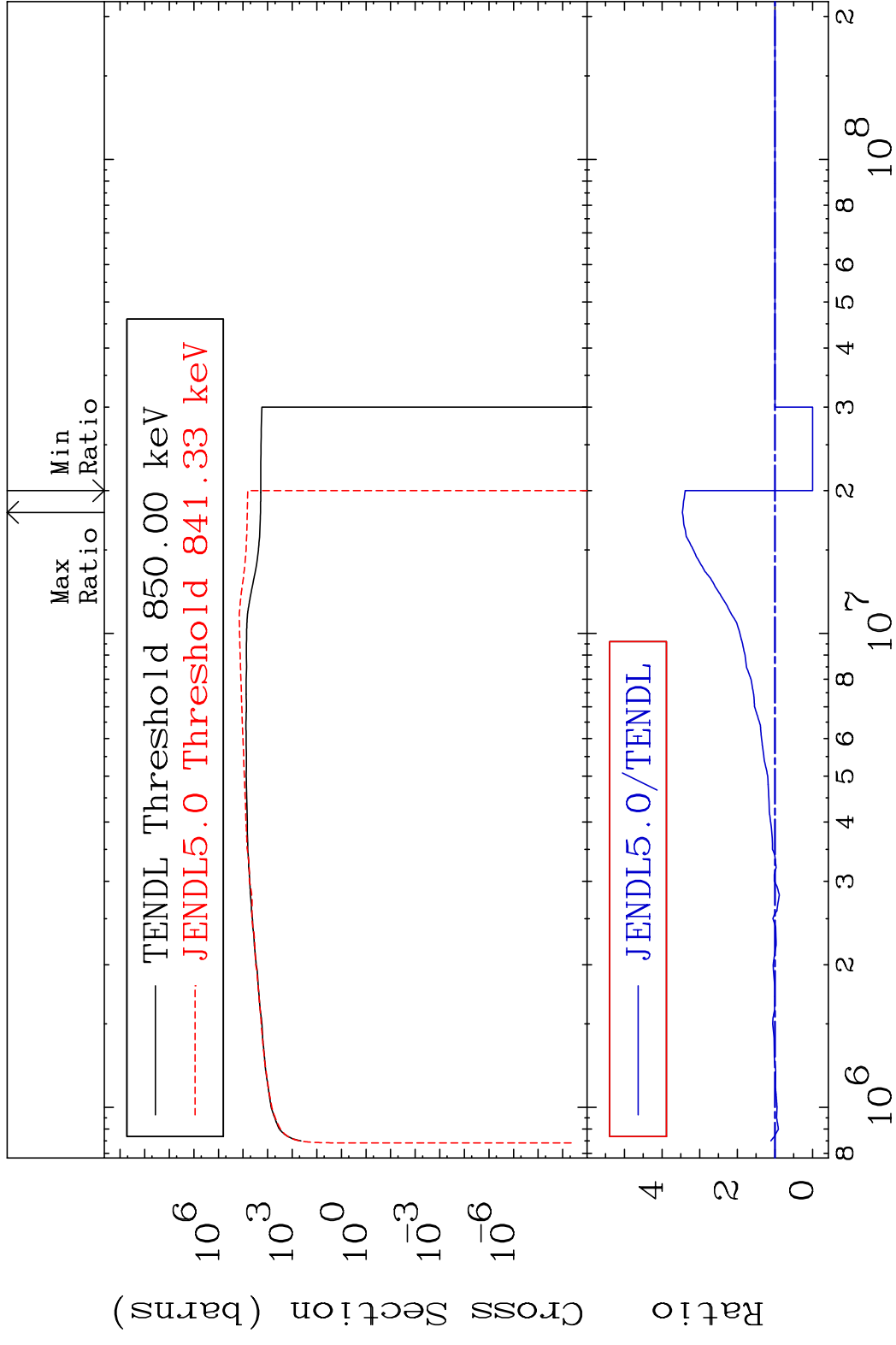


MAT 4425 Dpa total (eV-barns) 44-Ru-96  
Cross Section -93.61 To 9999. %



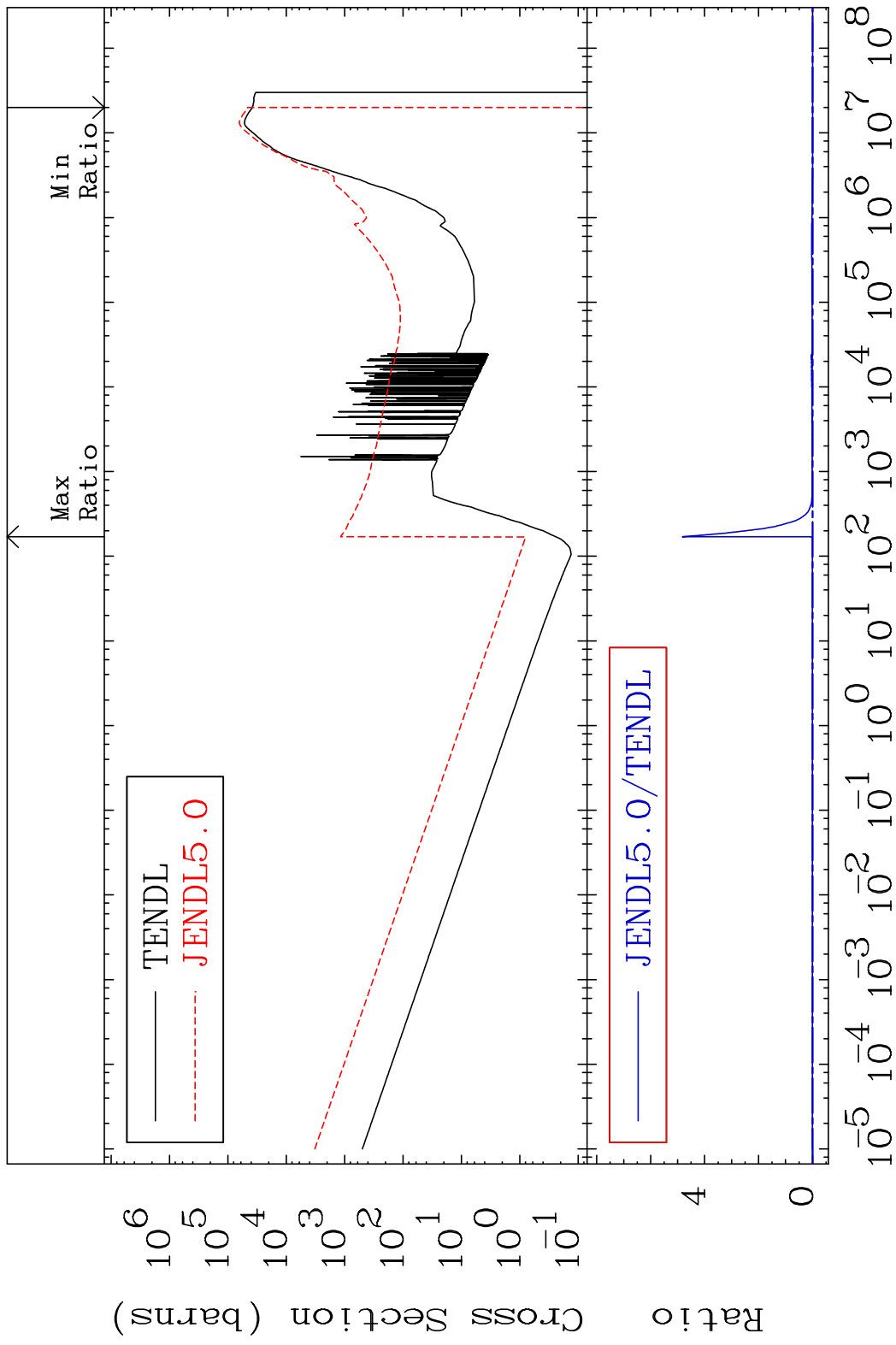


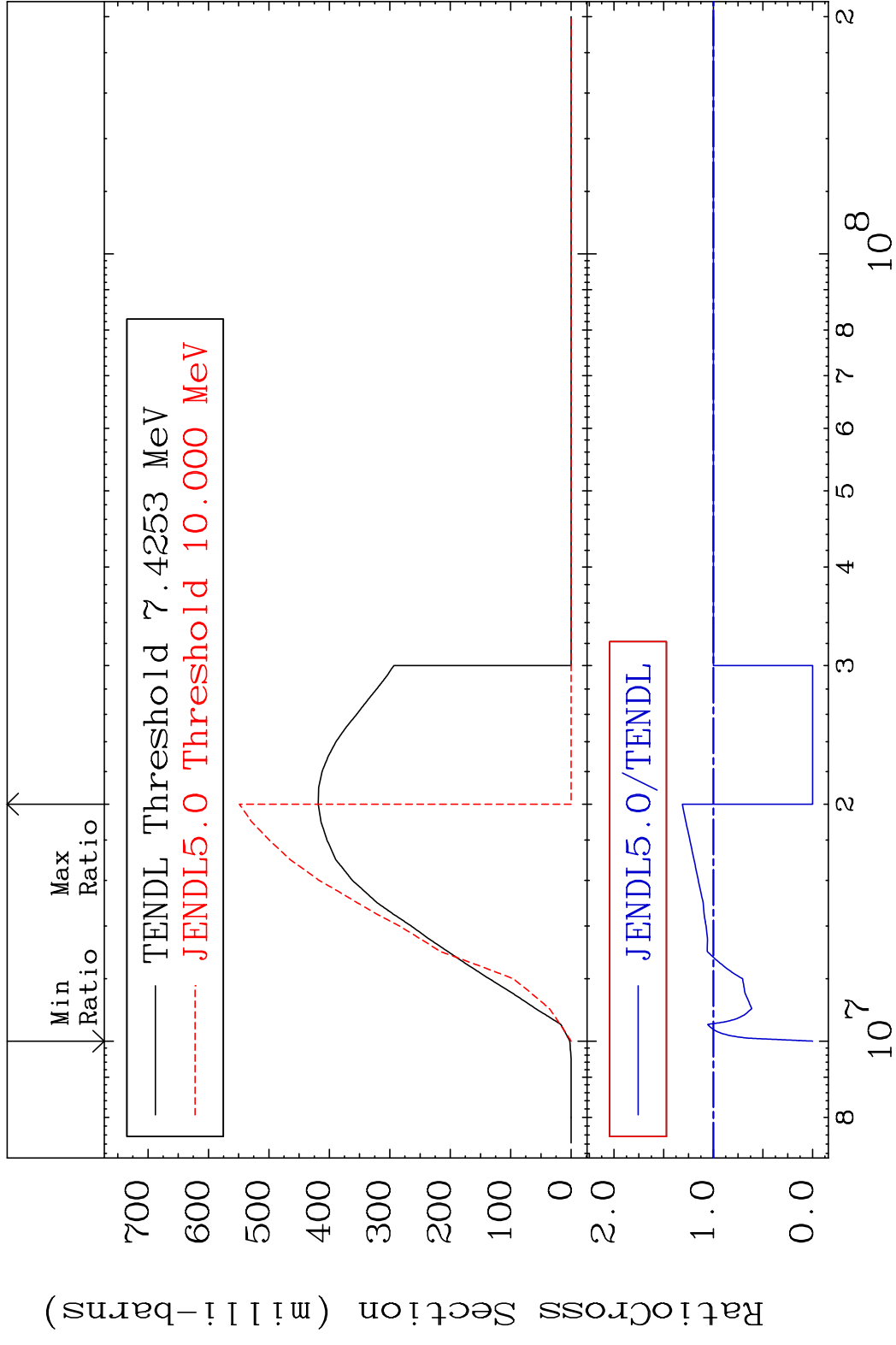
MAT 4425 Dpa inelastic (mt51-91) 44-Ru-96  
 Cross Section -100.0 To 246.0 %



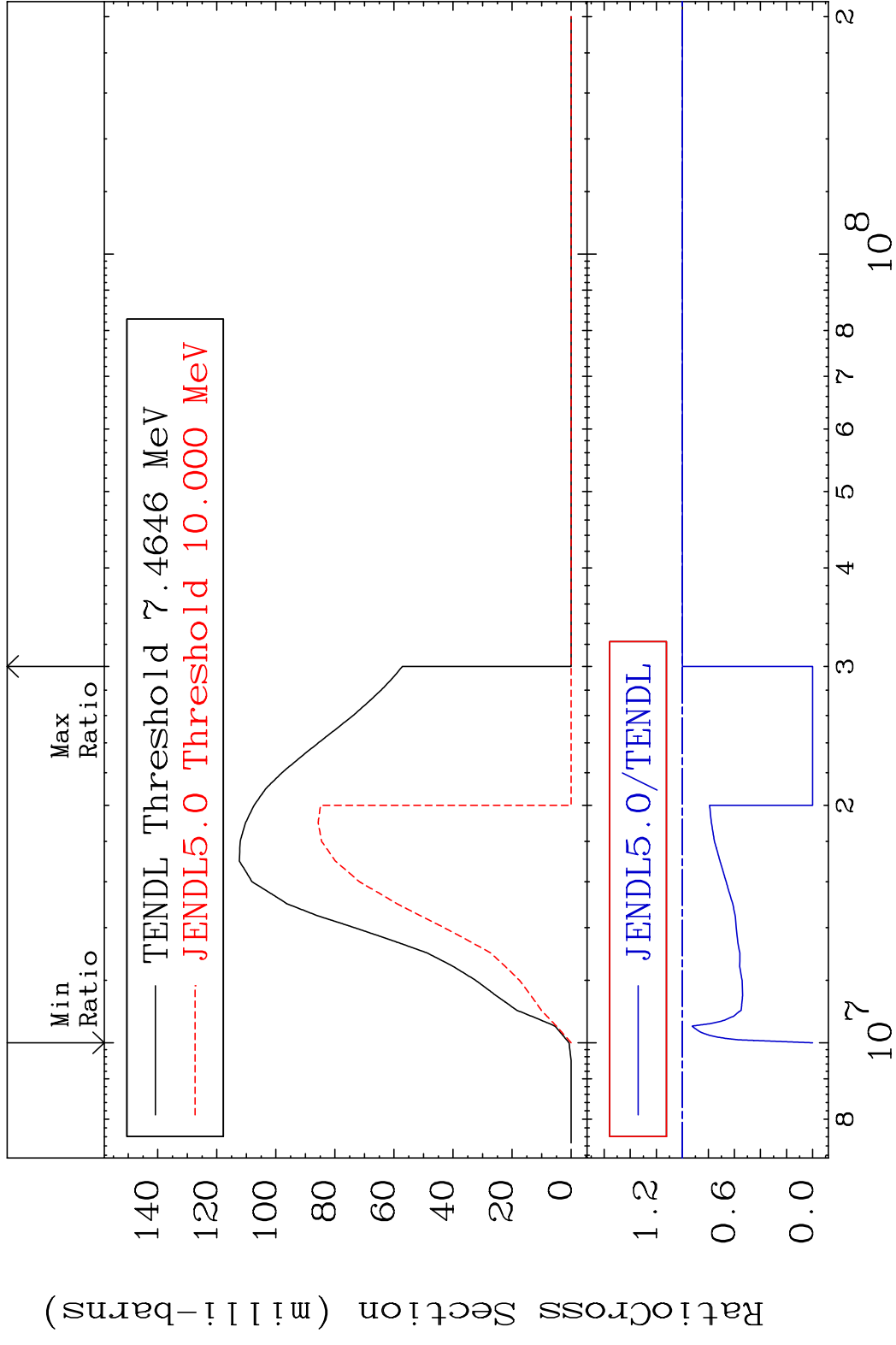
60 Incident Energy (eV) 44-Ru-96

MAT 4425 Dpa disappearance (mt102 -120) 44-Ru-96  
 Cross Section -100.0 To 9999. %

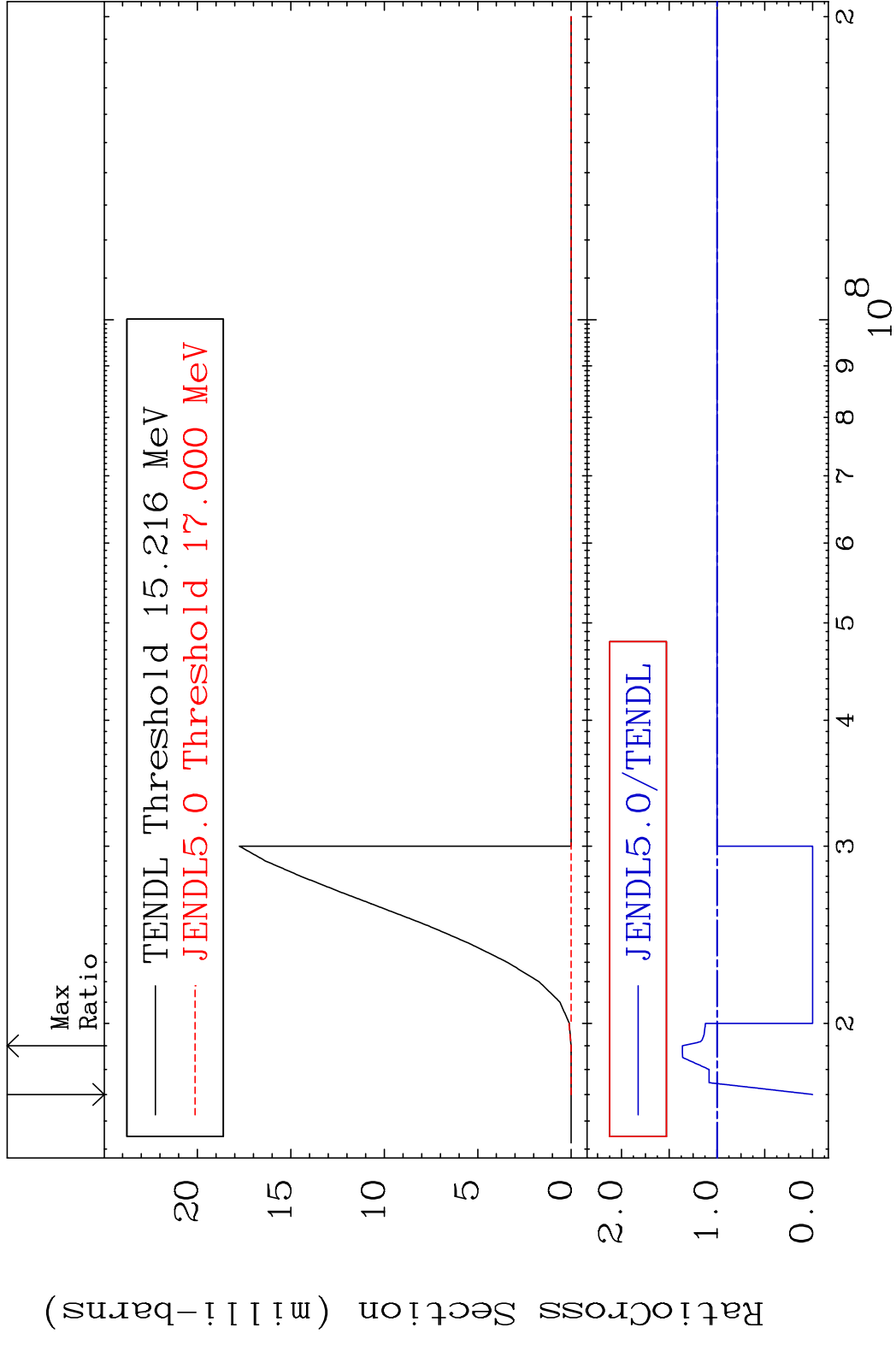




MAT 4425 (n, n') p:43-Tc-95m1 44-Ru-96  
 Radionuclide Production Cross Section Ratio 0.000 %

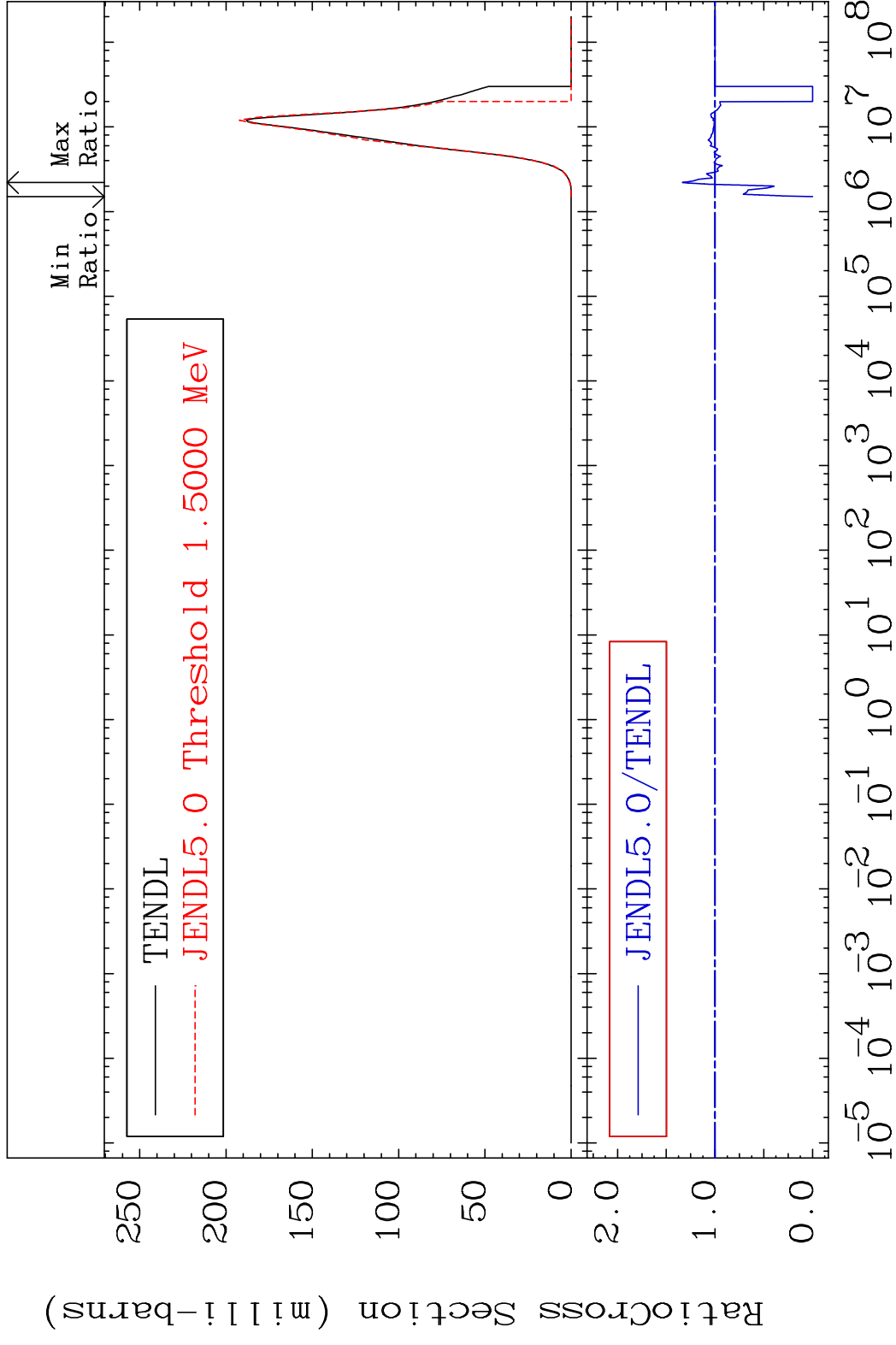


MAT 4425 (n, n') d:43-Tc-94g 44-Ru-96  
 Radionuclide Production Cross Section 36.28 %

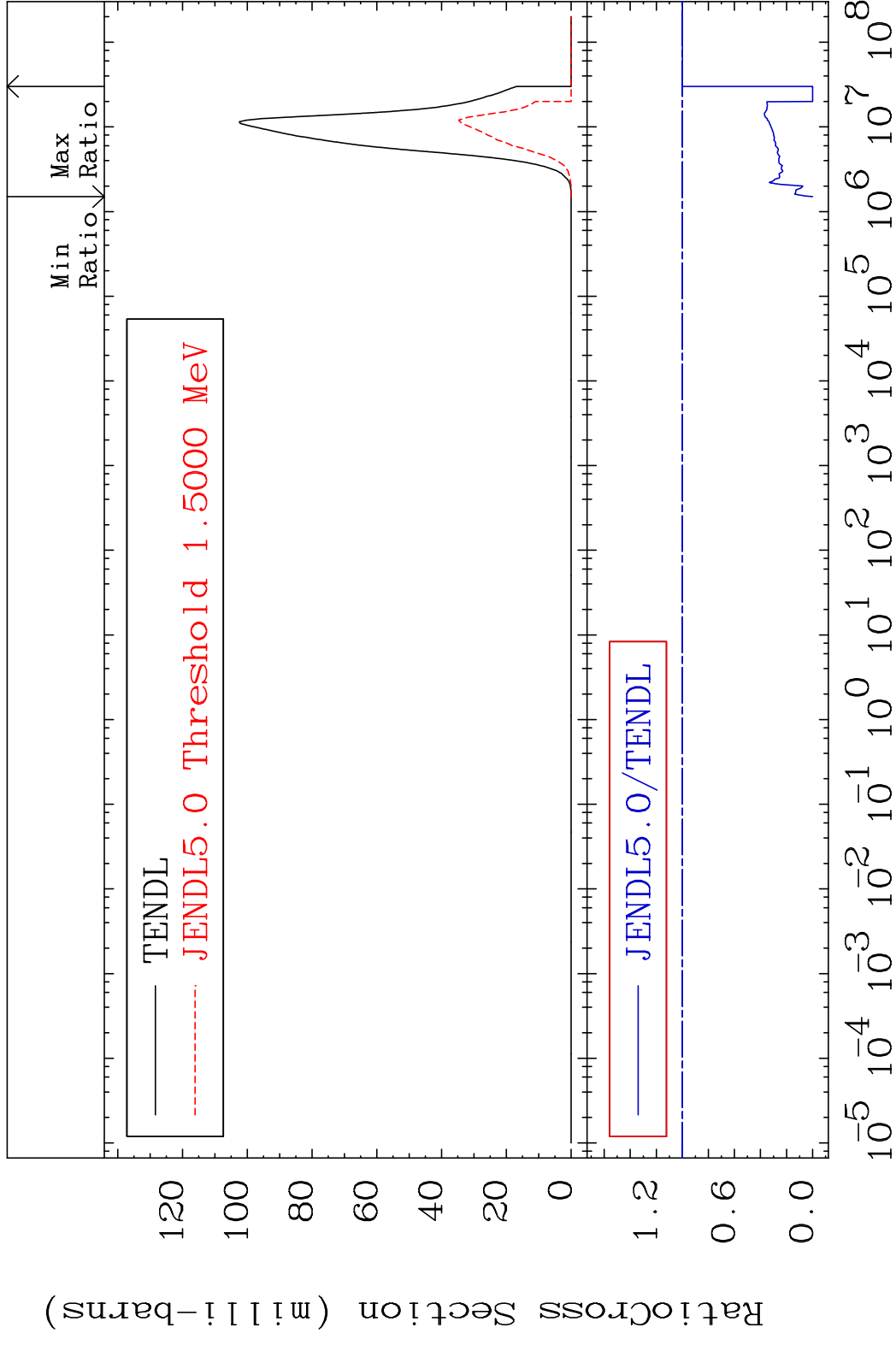


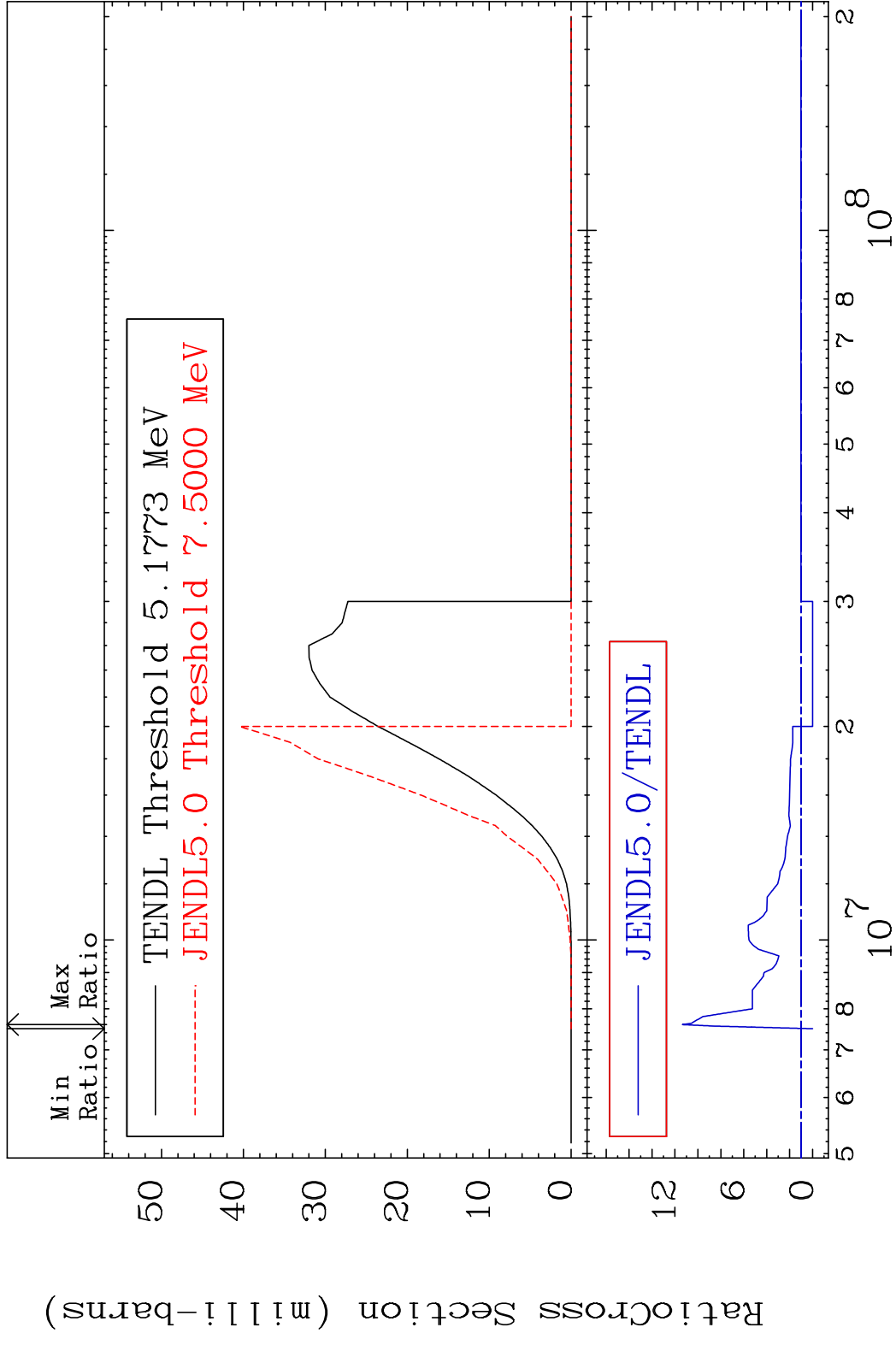


MAT 4425 (n,p):43-Tc-96g 44-Ru-96  
 Radionuclide Production Cross Section 33.53 %

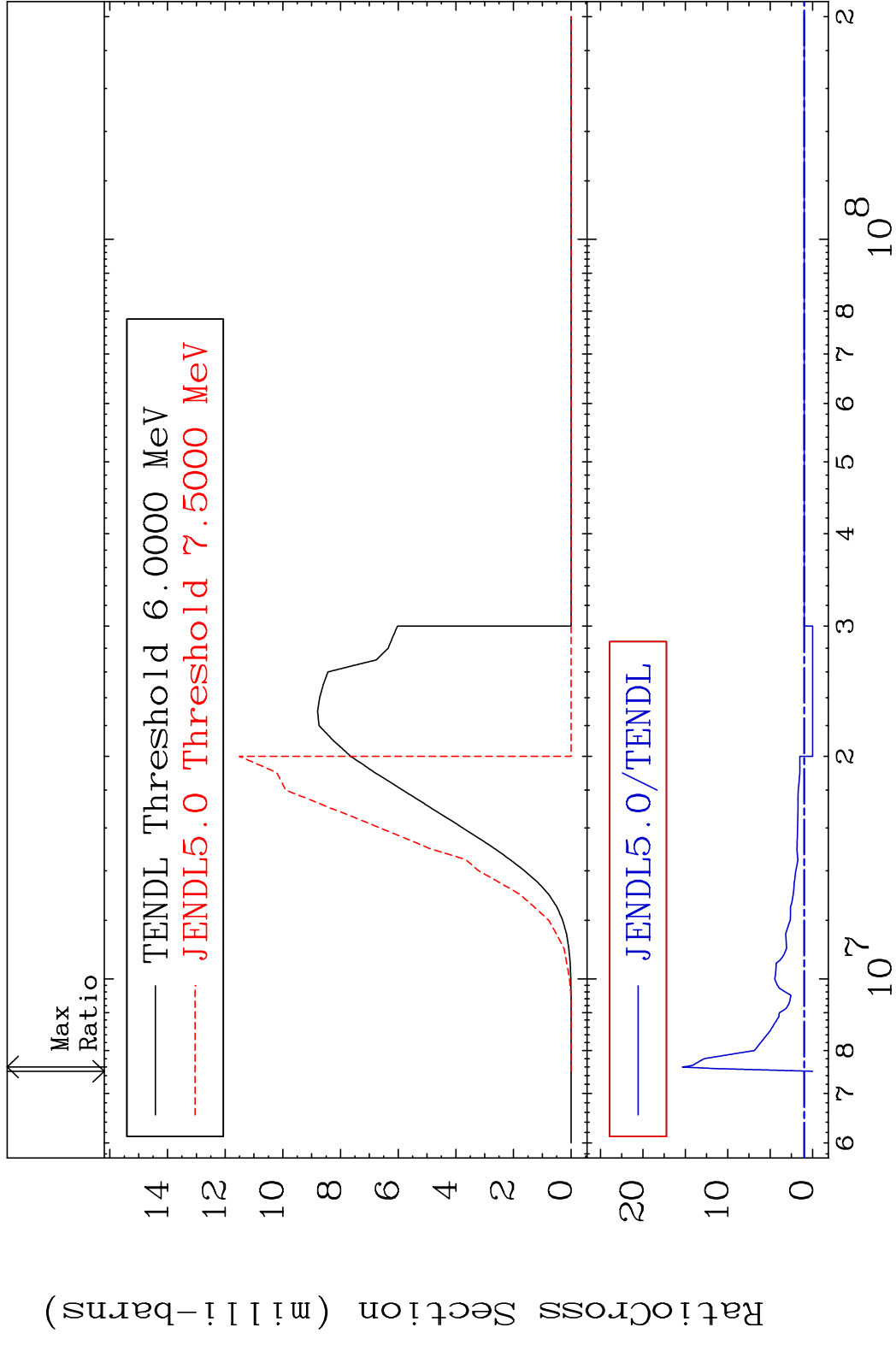


MAT 4425 (n,p):43-Tc-96m1 44-Ru-96  
 Radionuclide Production Cross Section 1.0000 to 0.000 %

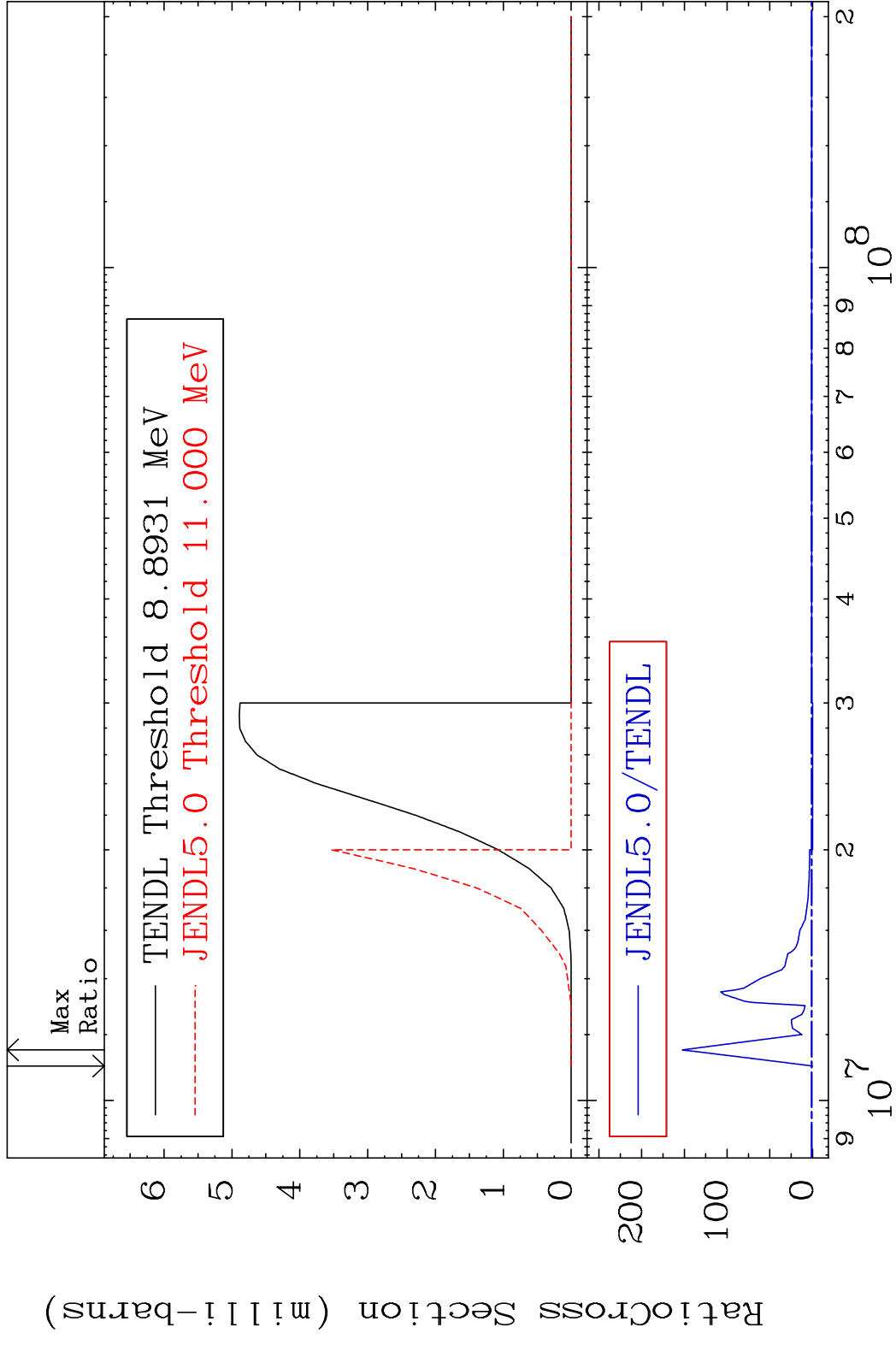




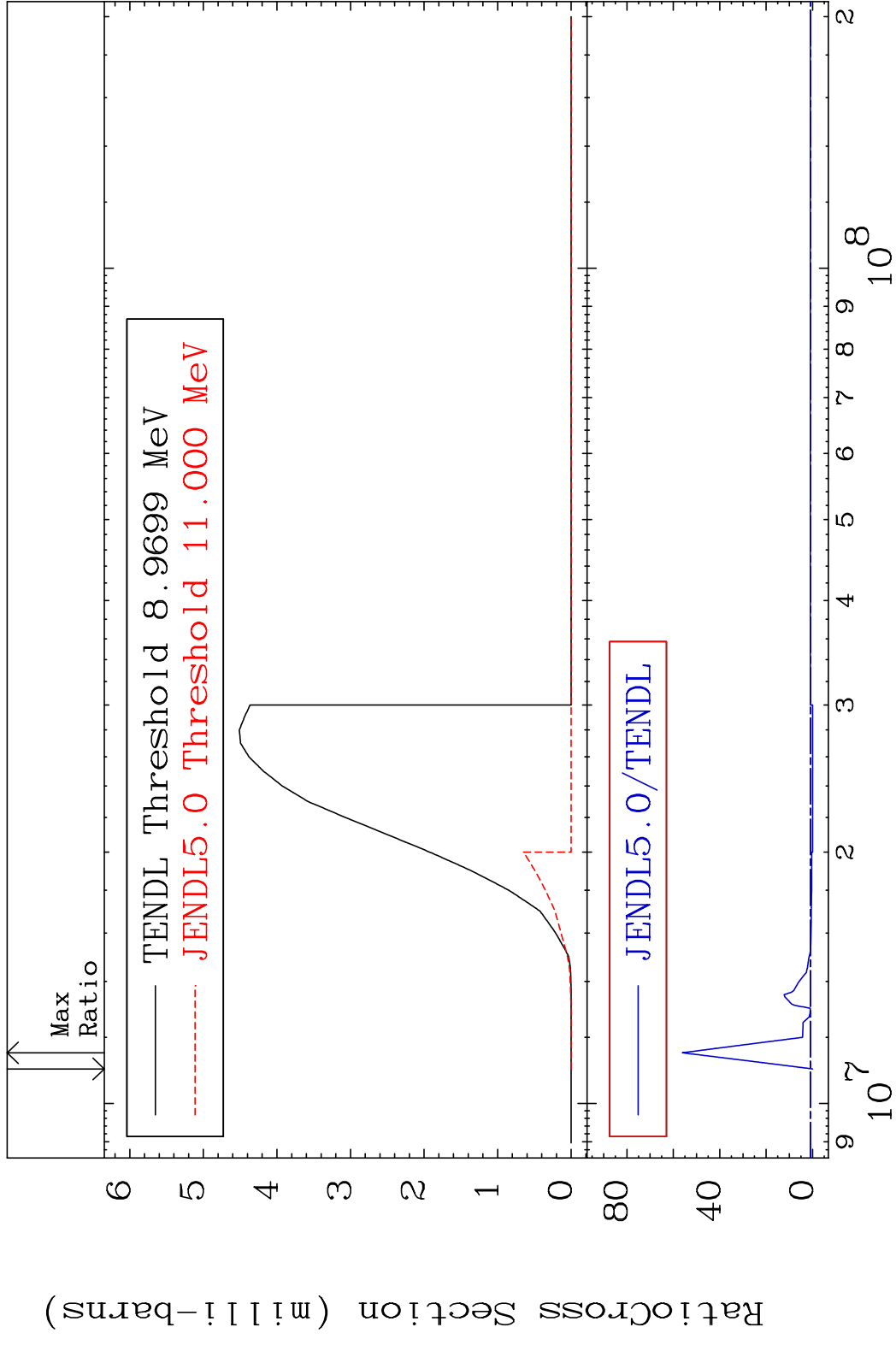
MAT 4425 (n, d) : 43-Tc-95m1 44-Ru-96  
 Radionuclide Production Cross Section 1800 d to 1434. %



MAT 4425 (n, t): 43-Tc-94g 44-Ru-96  
 Radionuclide Production Cross Section Ratio 9999. %



MAT 4425 (n, t): 43-Tc-94m1 44-Ru-96  
 Radionuclide Production Cross Section 5511. %

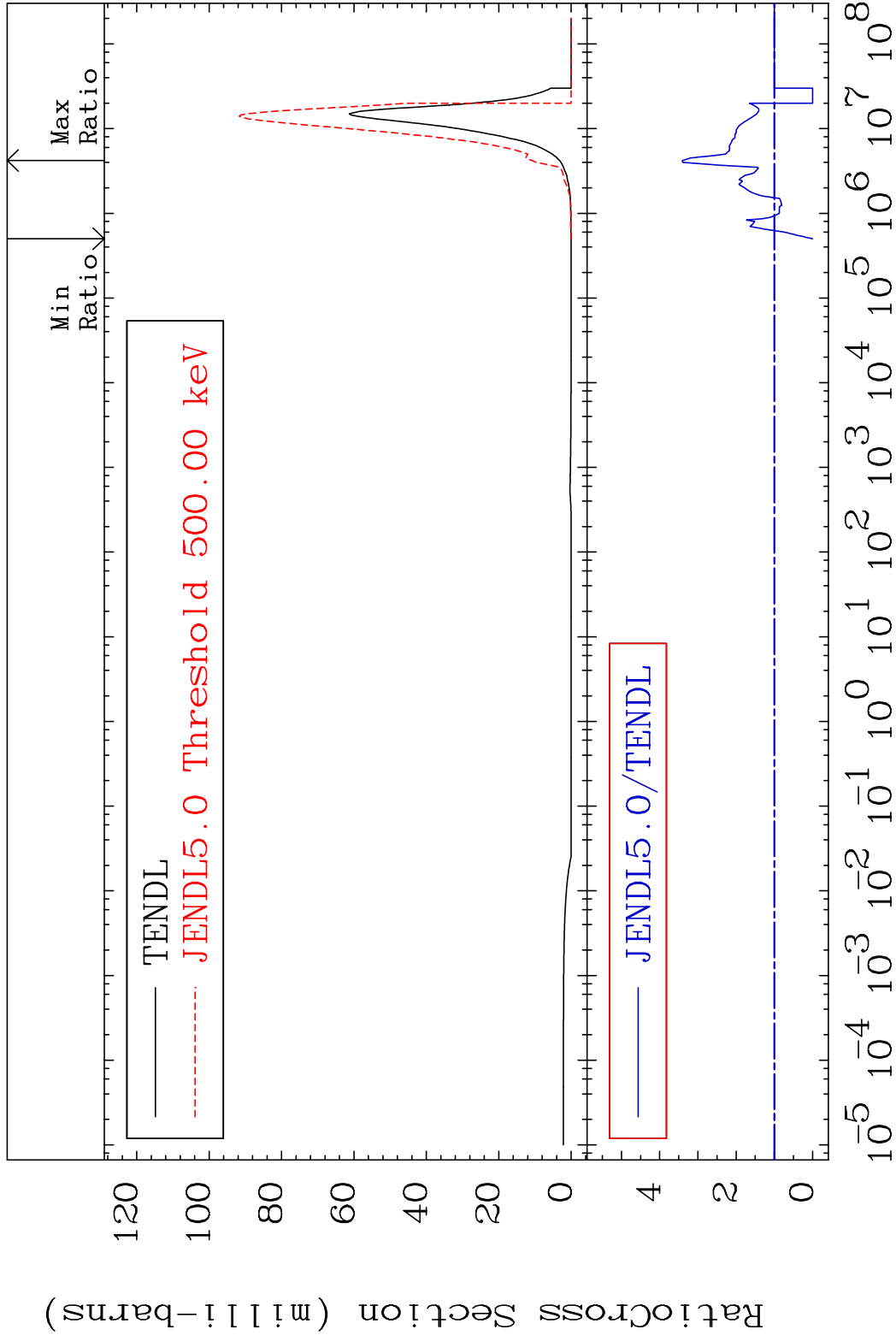


MAT 4425

(n,  $\alpha$ ): 42-Mo-93g

44-Ru-96

Radionuclide Production Cross Section Ratio 240.6 %



72

Incident Energy (eV)

44-Ru-96

MAT 4425 (n,  $\alpha$ ): 42-Mo-93m16 44-Ru-96  
 Radionuclide Production Cross Section Ratio 62.76 %

