

Program Complot  
(Version 2021-1)

by

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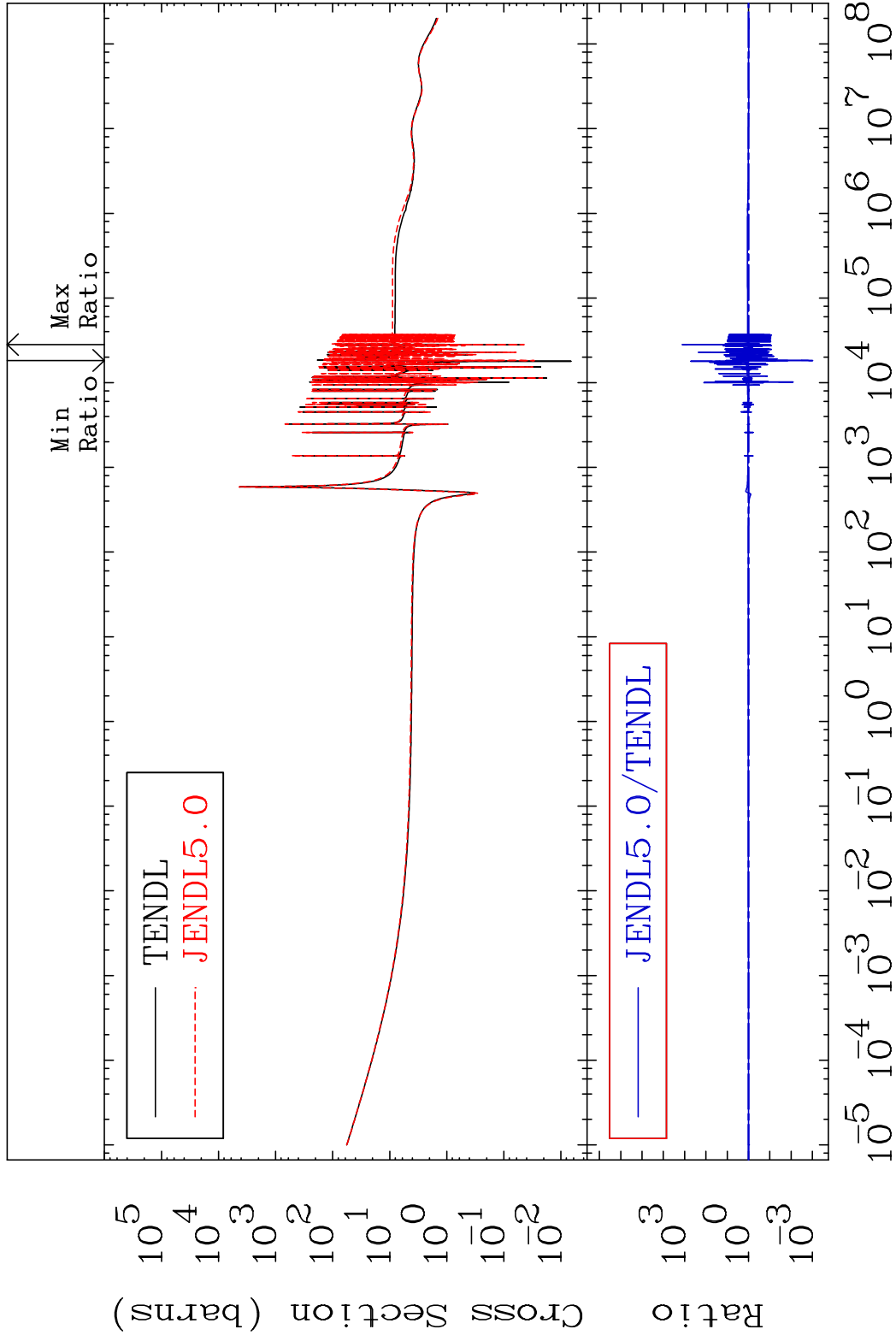
Press Mouse Button to Start

MAT 3831

Total

38-Sr-86

Cross Section -99.90 To 9999. %



1

Incident Energy (eV)

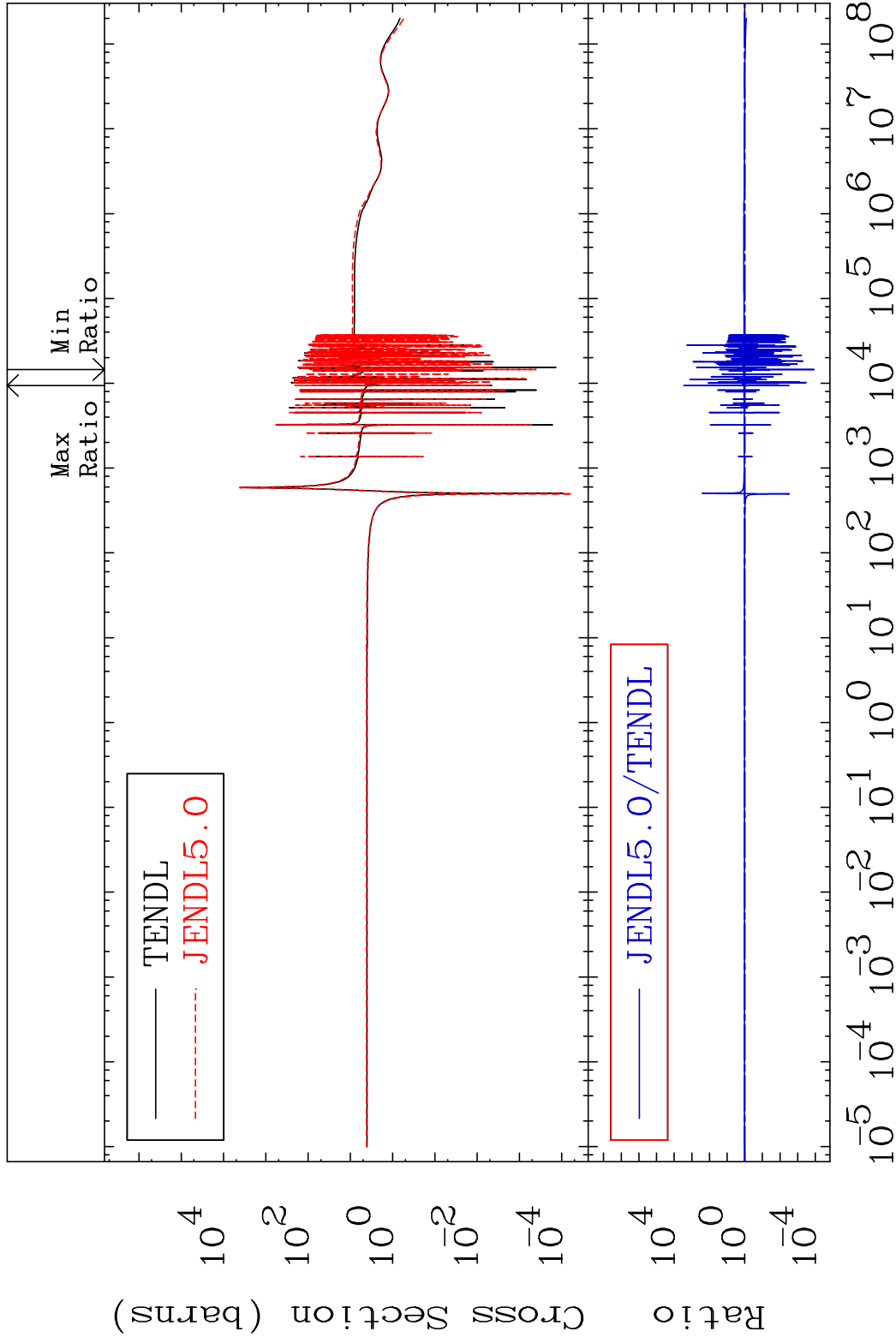
38-Sr-86

MAT 3831

Elastic

38-Sr-86

Cross Section -99.99 To 9999. %



2

Incident Energy (eV)

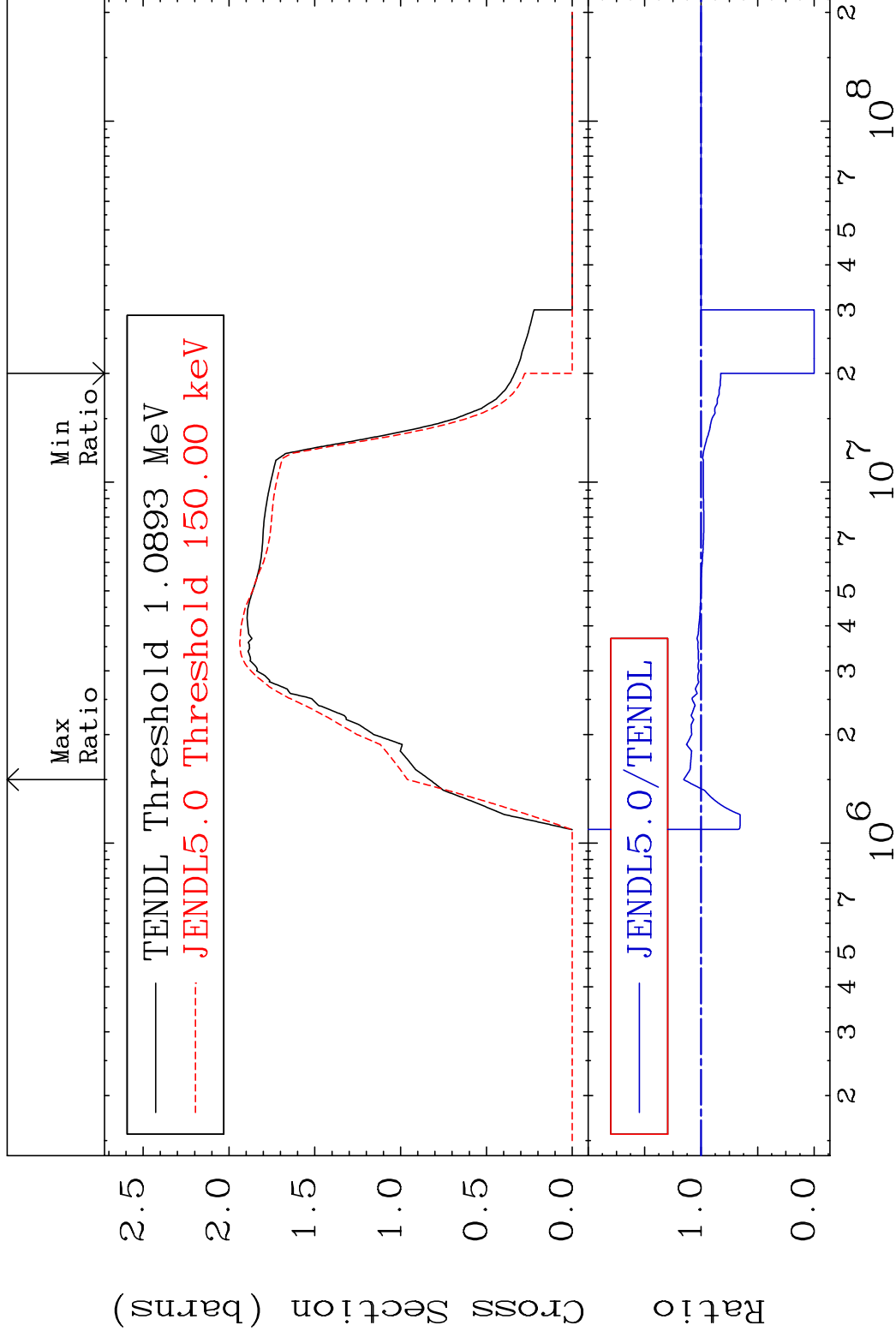
38-Sr-86

MAT 3831

Inelastic

38-Sr-86

Cross Section -100.0 To 15.48 %



3

Incident Energy (eV)

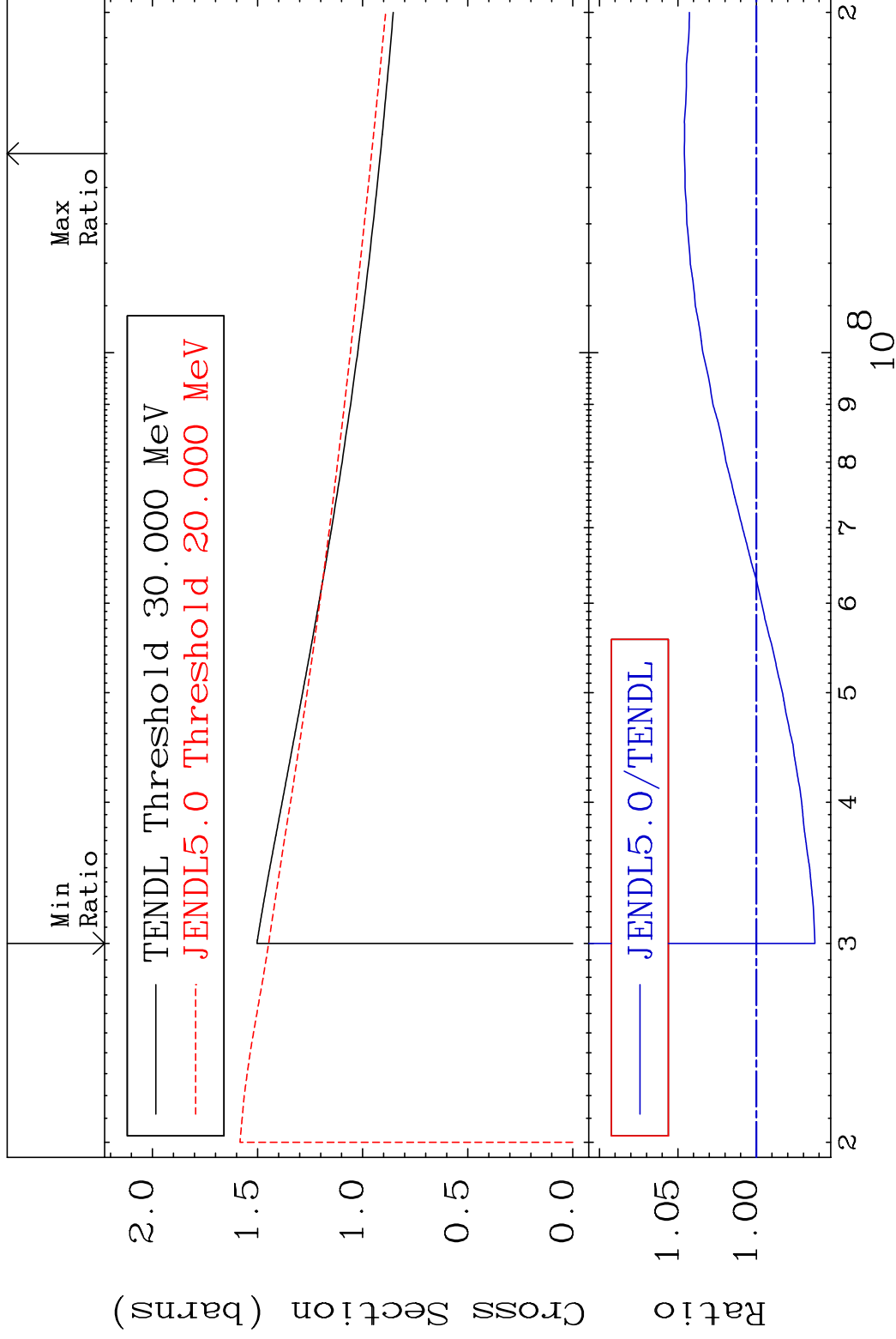
38-Sr-86

MAT 3831

(n, remainder)

38-Sr-86

Cross Section -3.730 To 4.592 %



4

Incident Energy (eV)

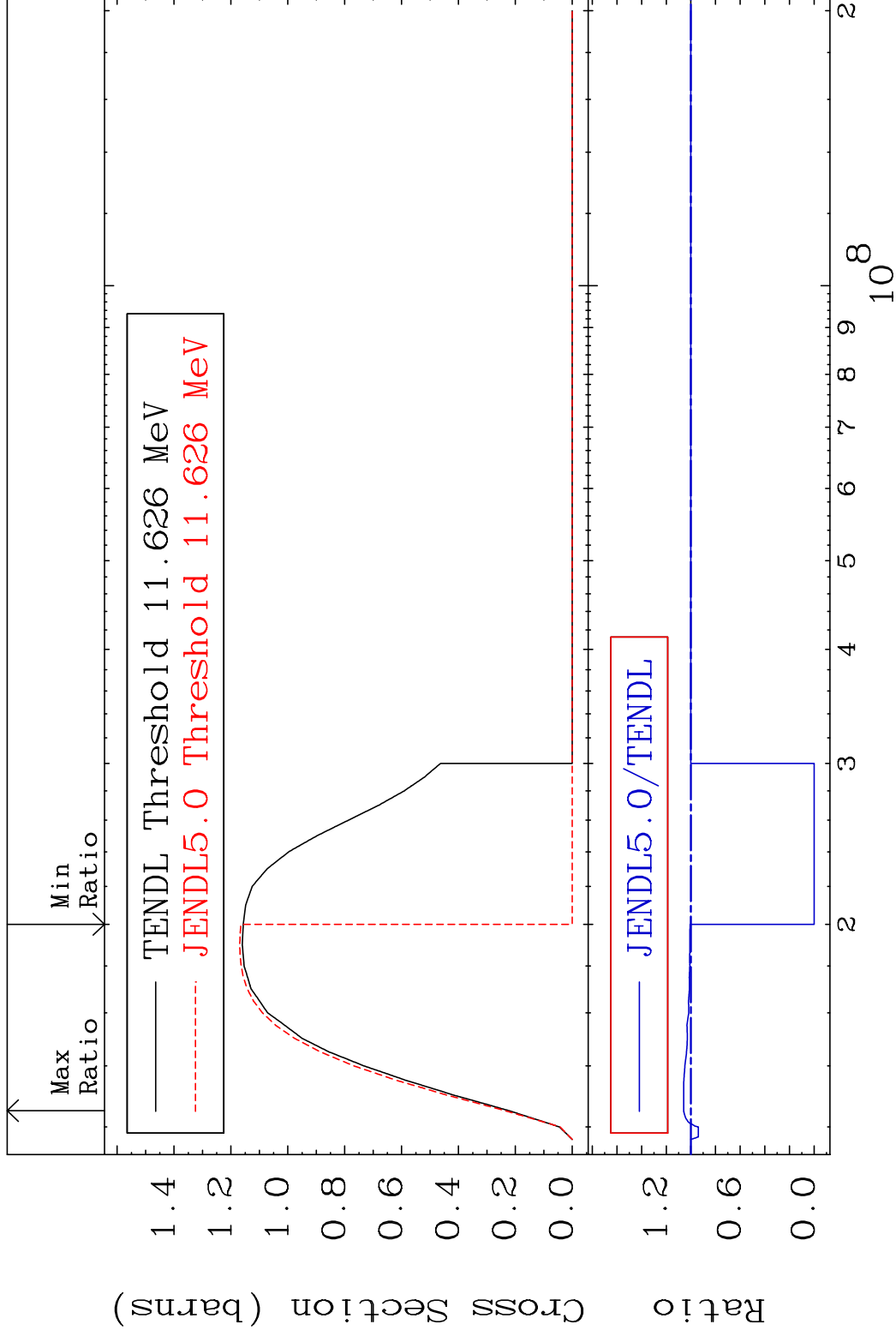
38-Sr-86

MAT 3831

(n,2n)

38-Sr-86

Cross Section -100.0 To 5.865 %

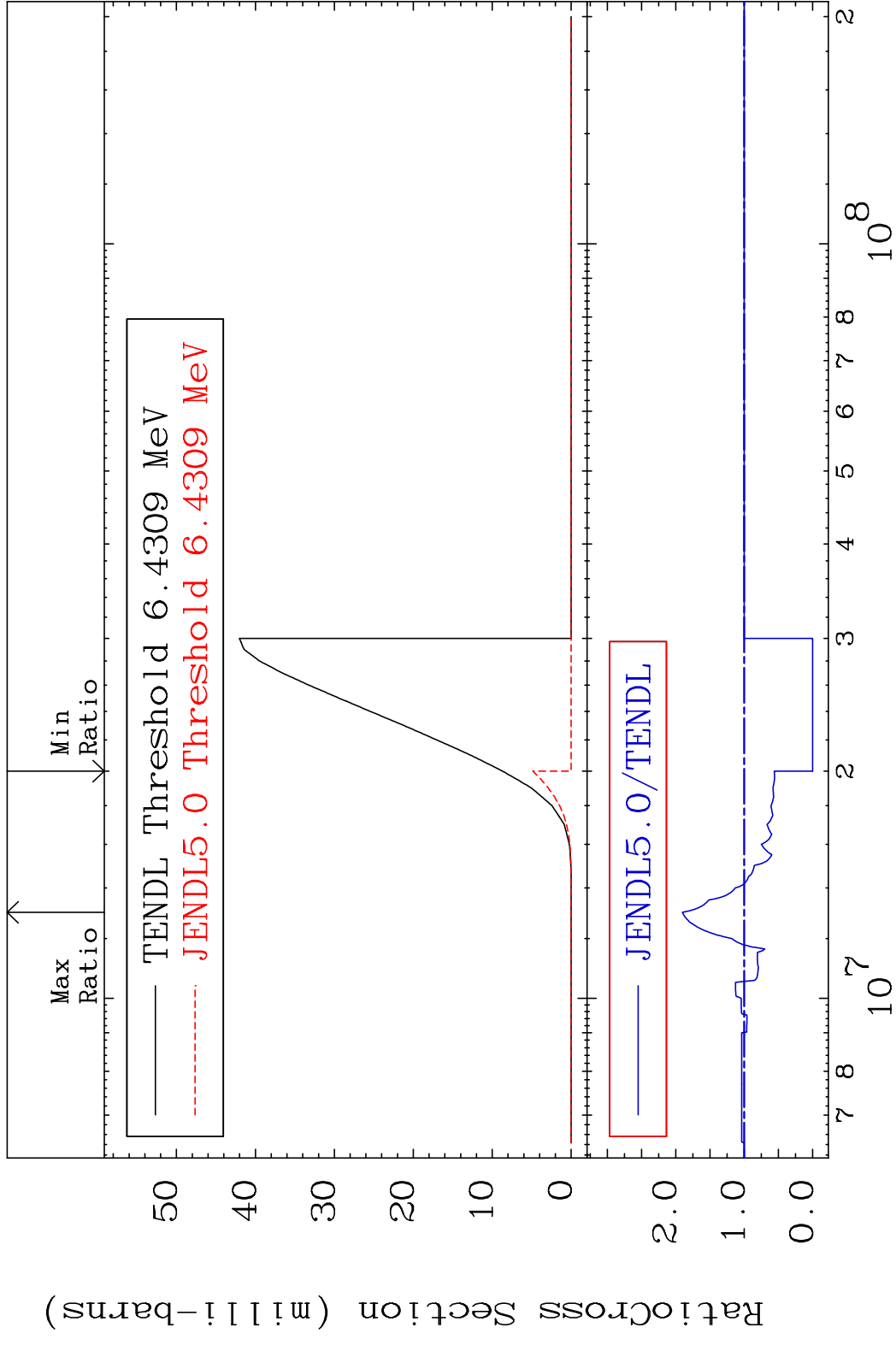


5

Incident Energy (eV)

38-Sr-86

MAT 3831 (n, n')  $\alpha$  38-Sr-86  
 Cross Section -100.0 To 90.38 %

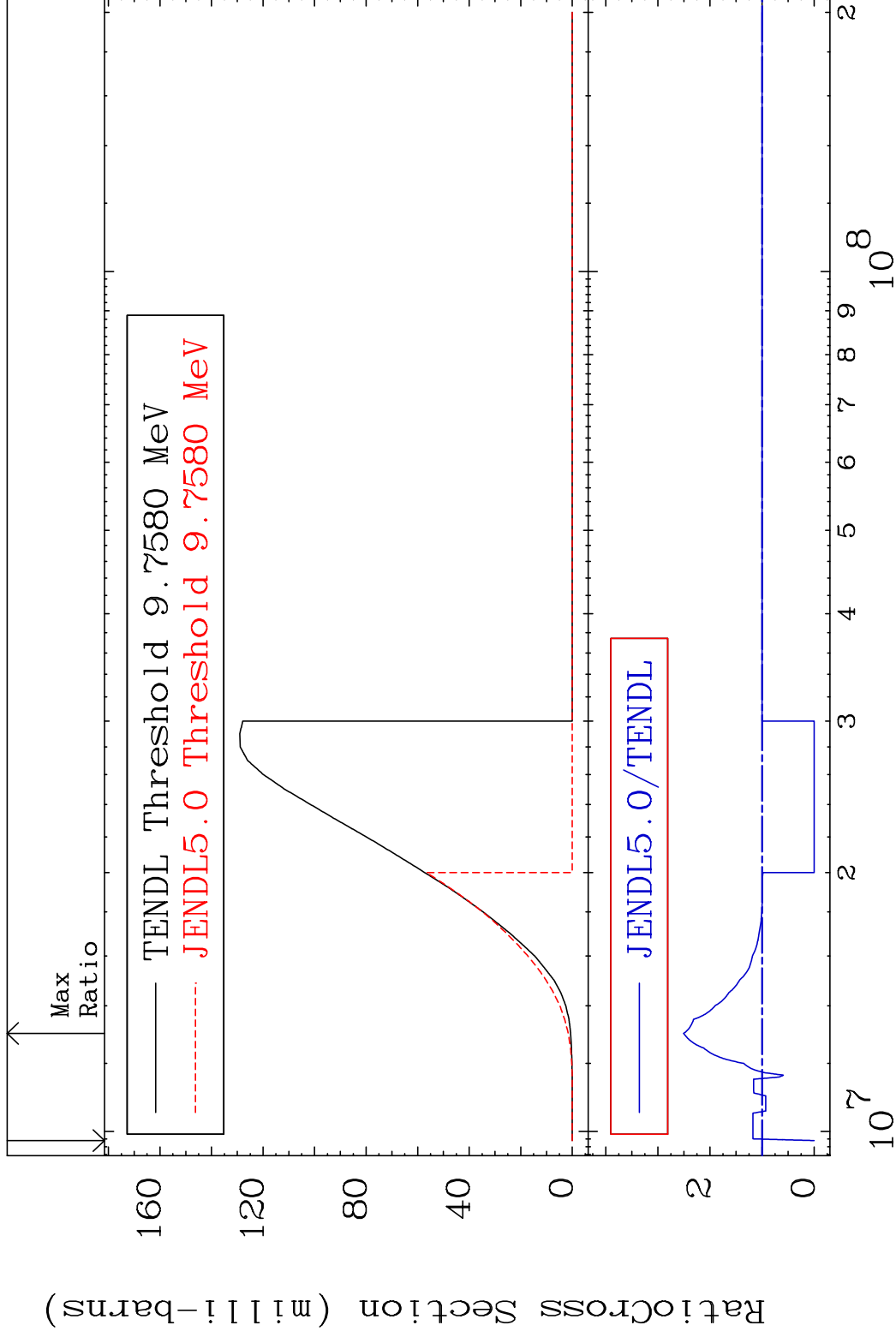


MAT 3831

(n, n') p

38-Sr-86

Cross Section -100.0 To 150.5 %



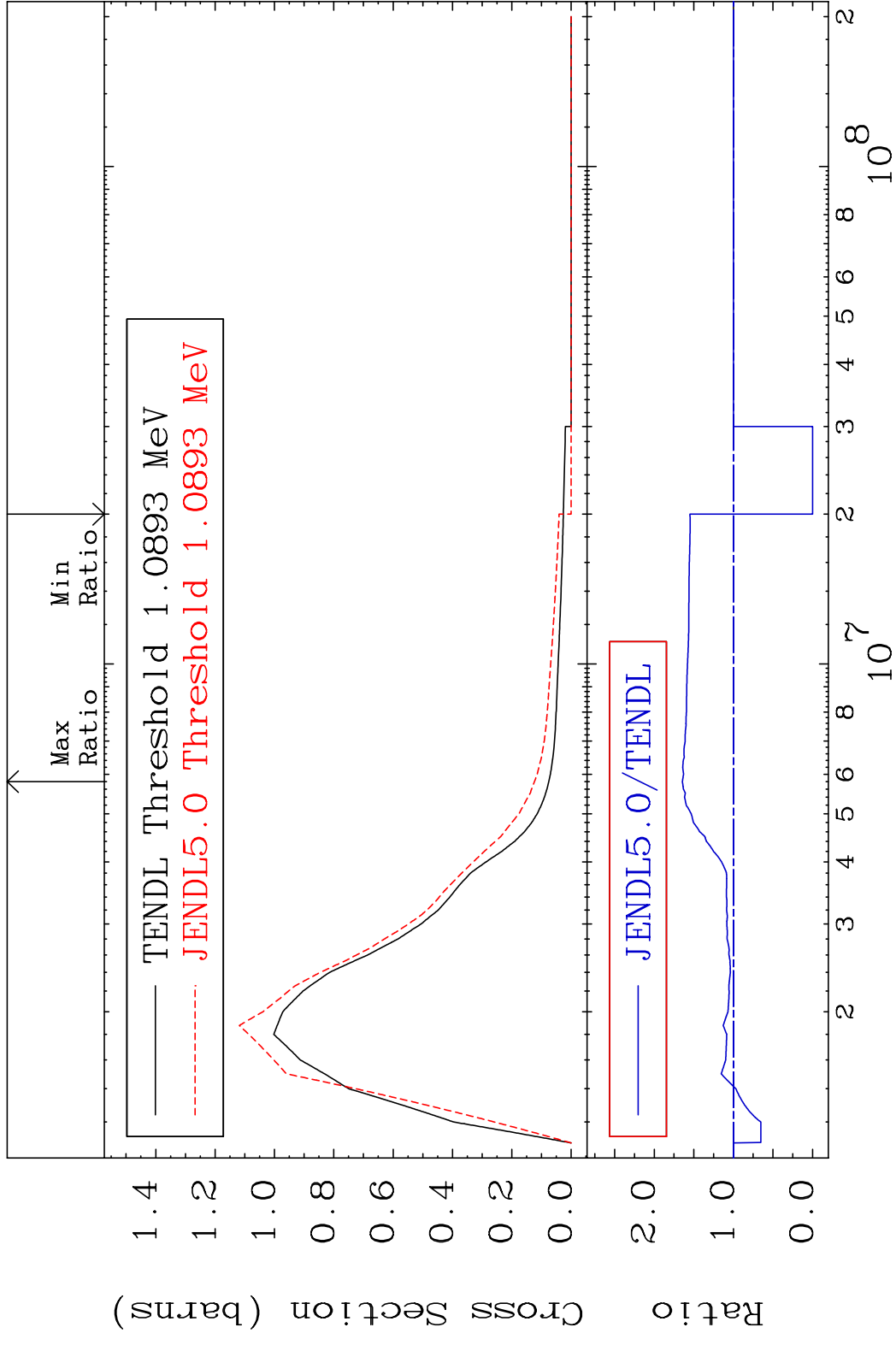
7

Incident Energy (eV)

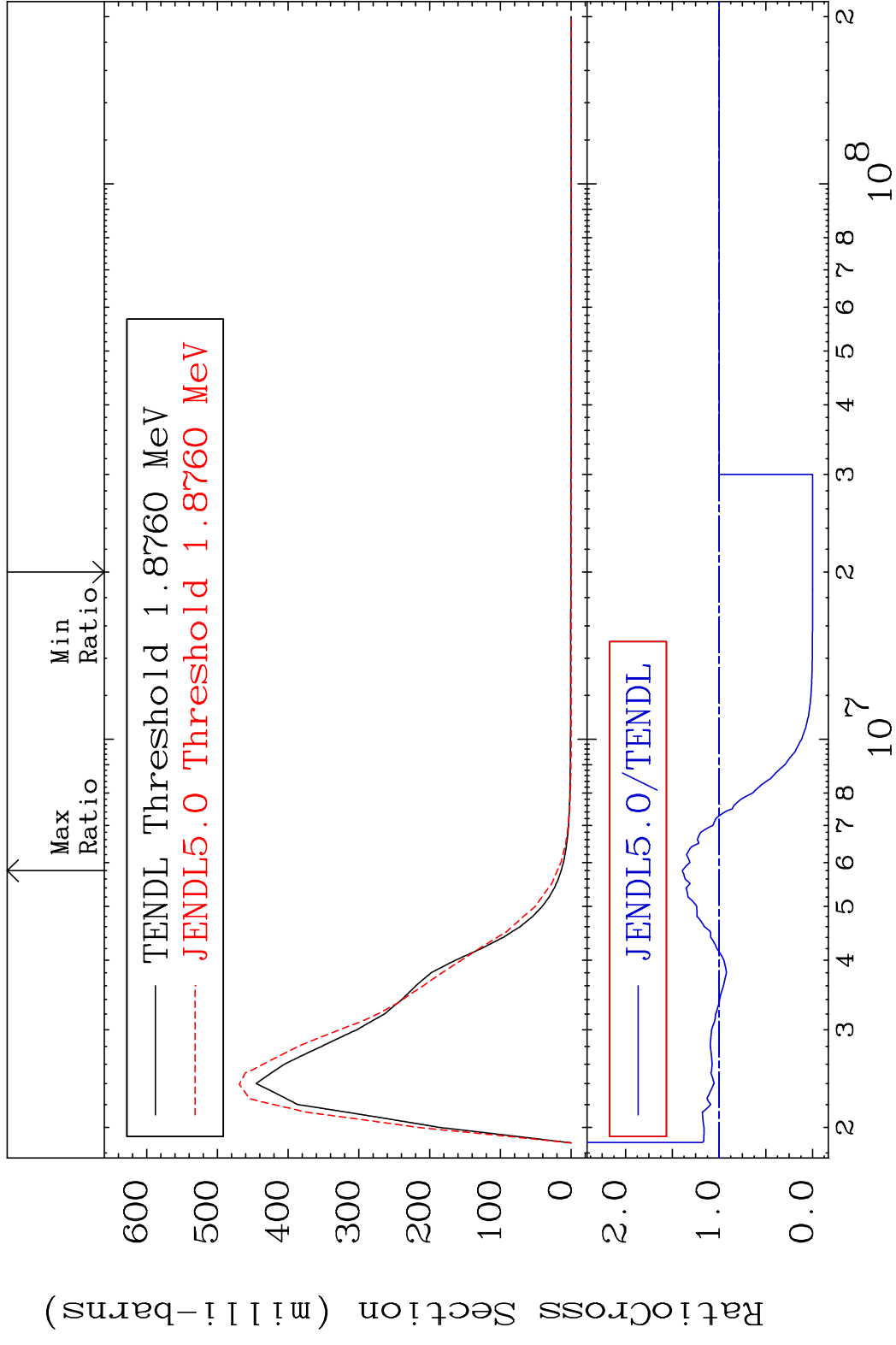
38-Sr-86



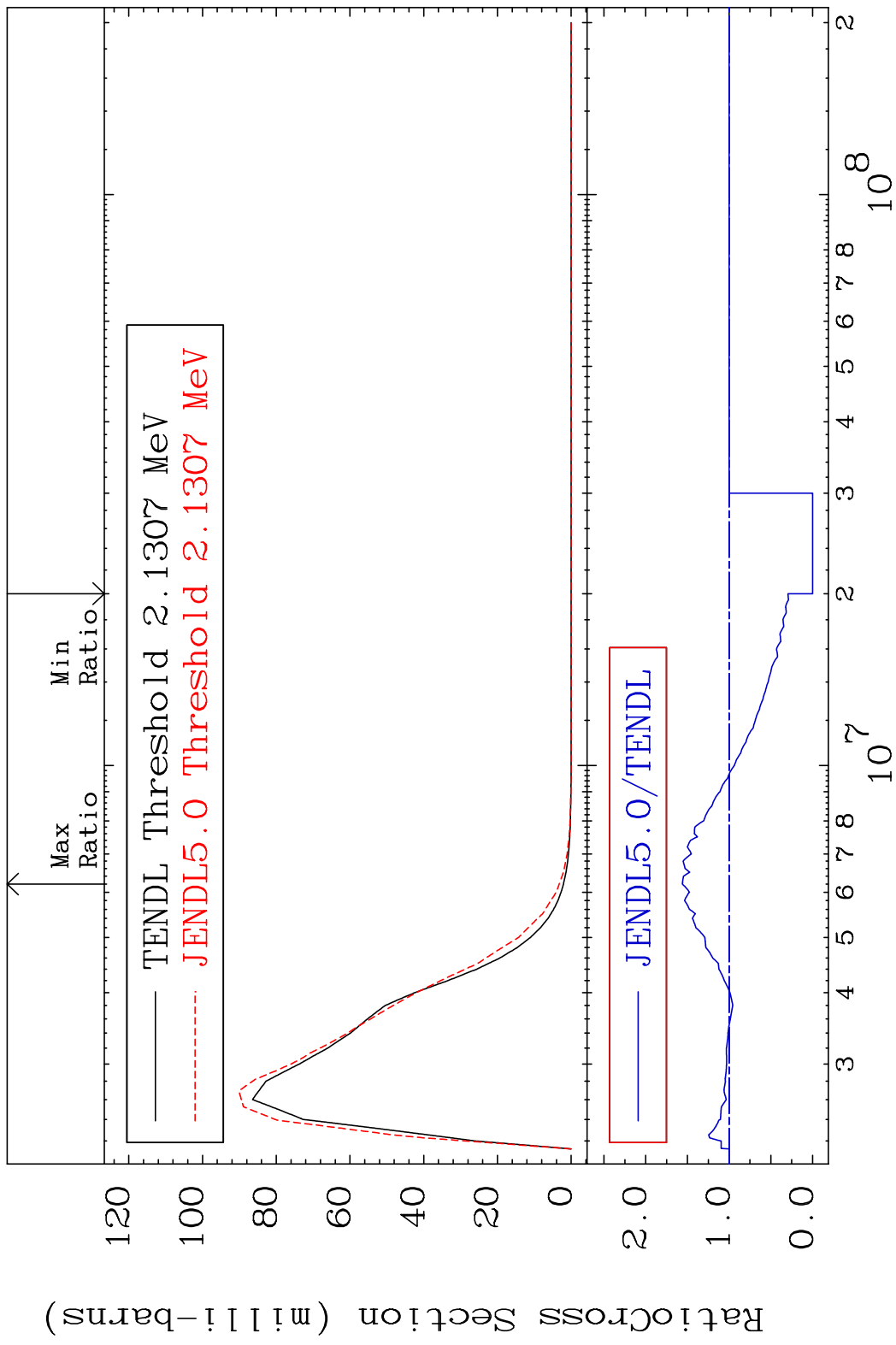
MAT 3831 MT= 51 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 64.49 %



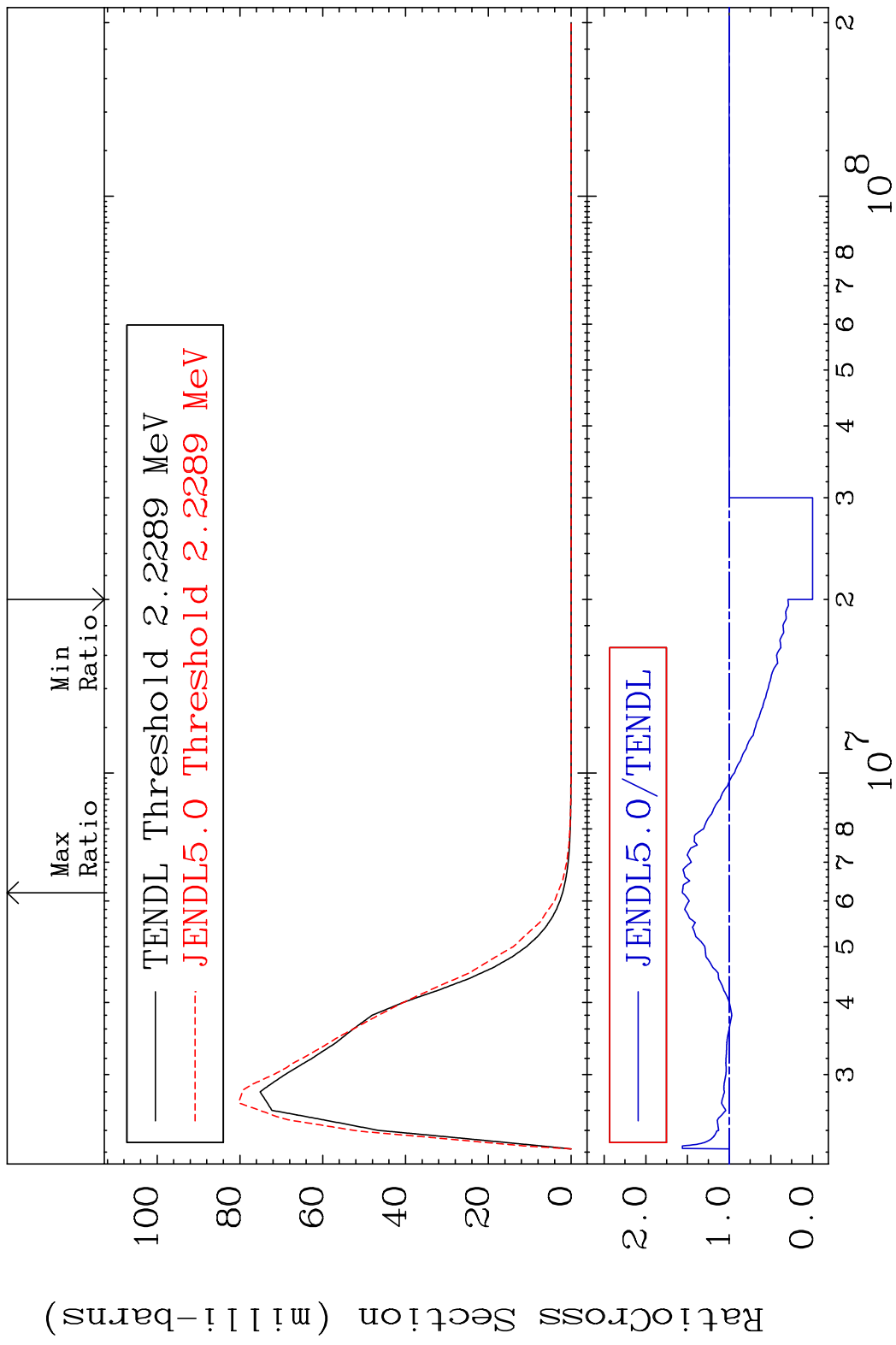
MAT 3831 MT= 52 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 39.27 %



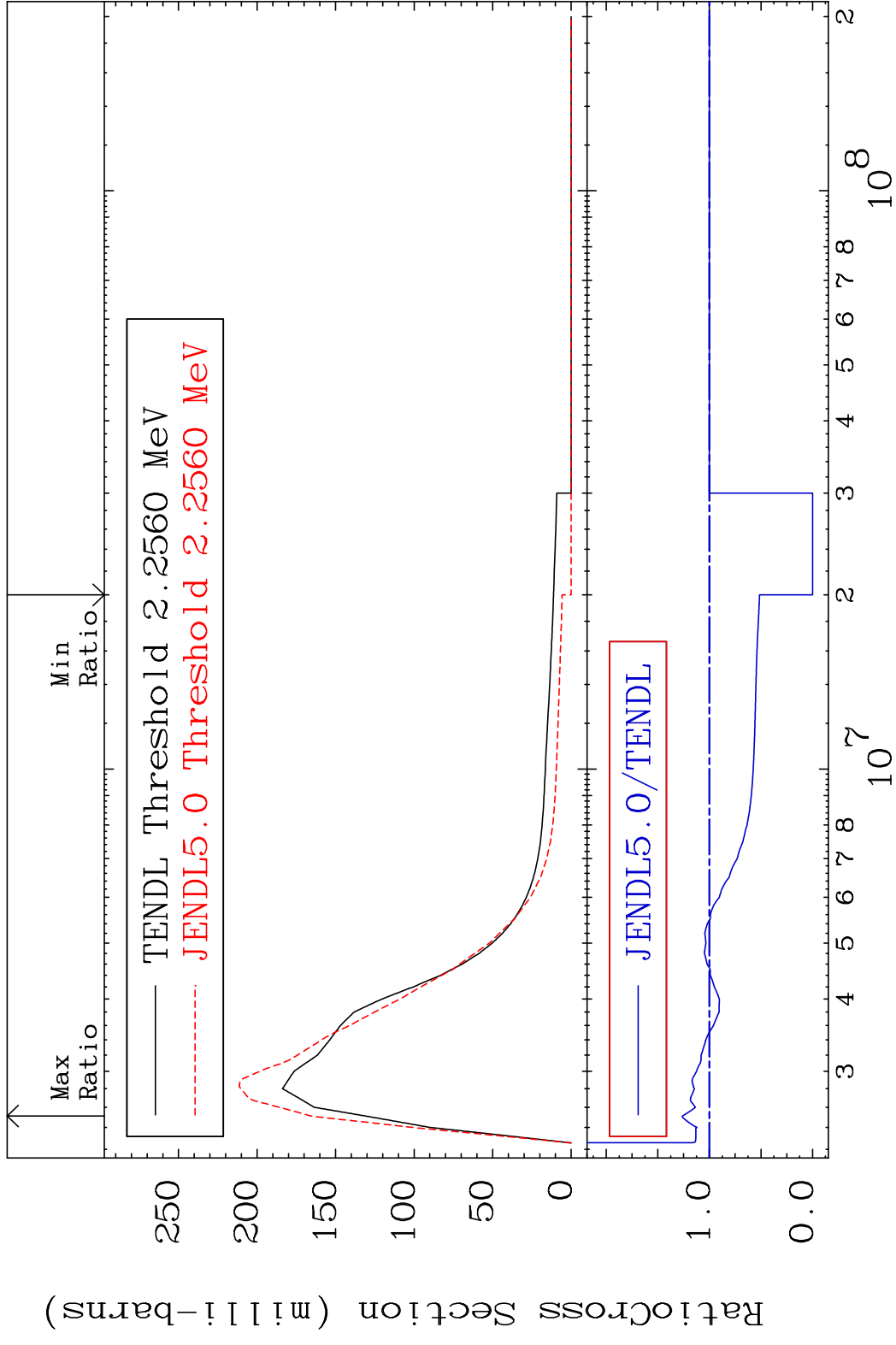
MAT 3831 MT= 53 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 56.07 %



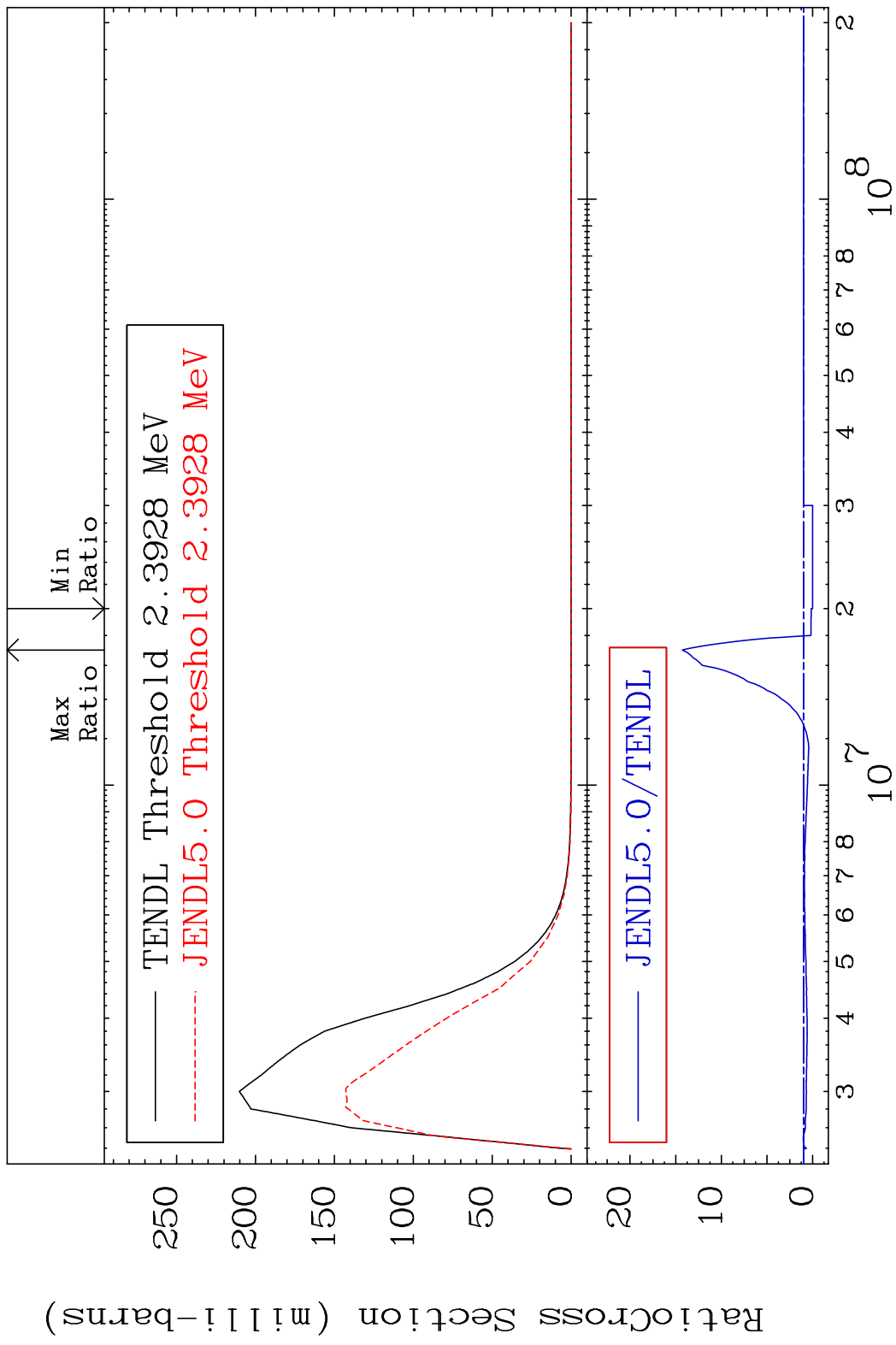
MAT 3831 MT= 54 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 56.16 %



MAT 3831 MT= 55 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 26.20 %

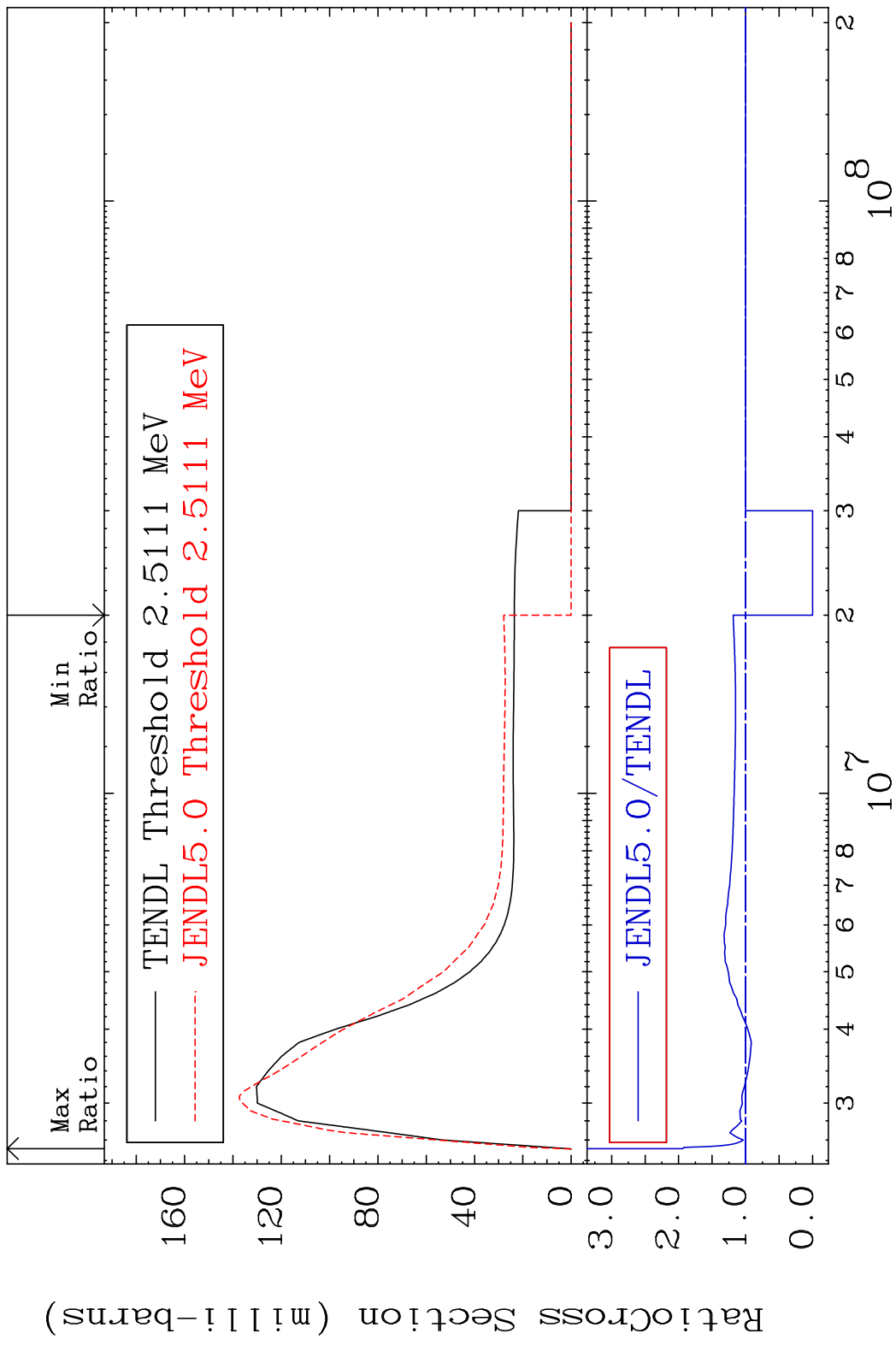


MAT 3831 MT= 56 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 1327. %

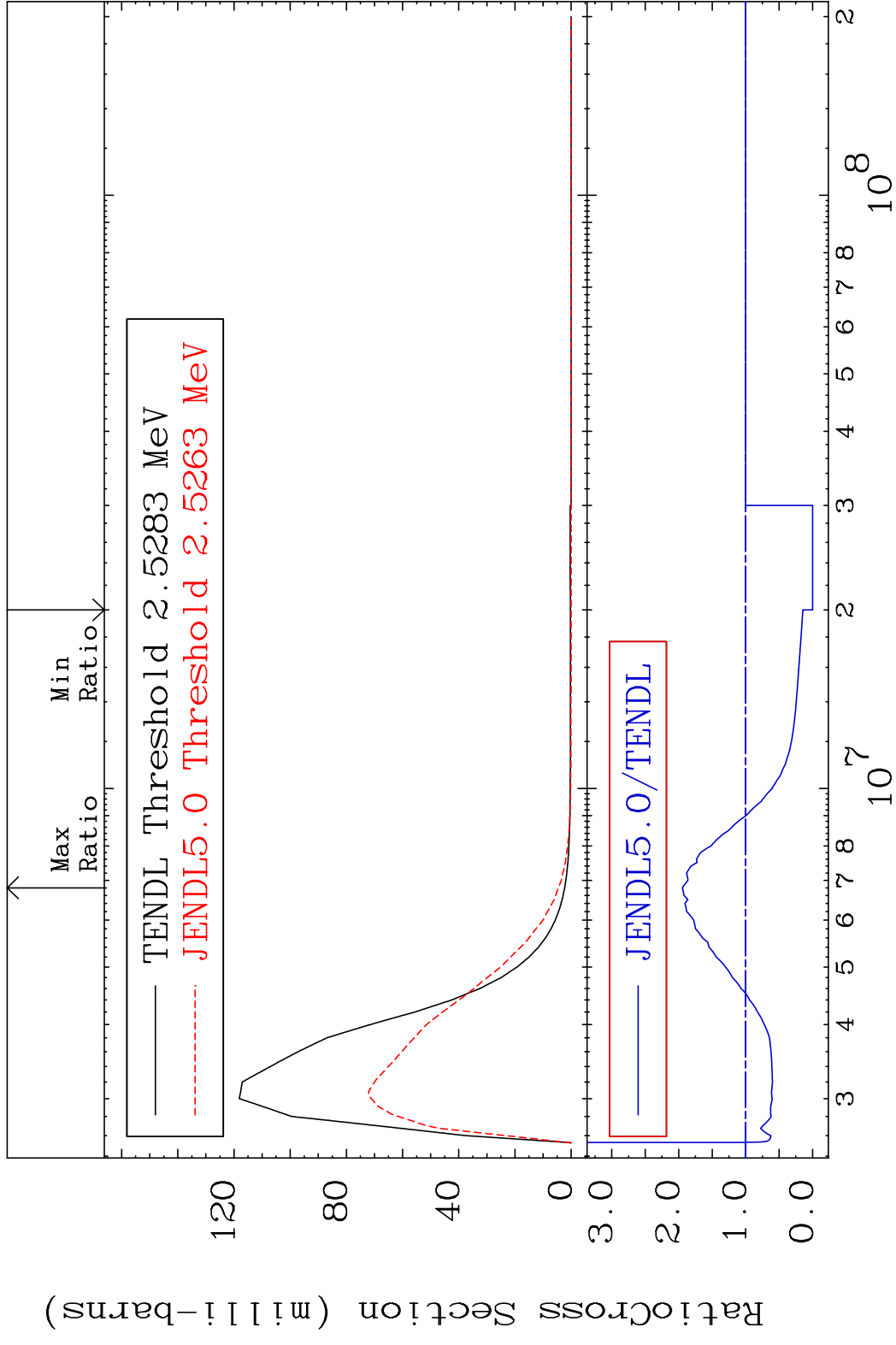


13 38-Sr-86

MAT 3831 MT= 57 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 94.42 %

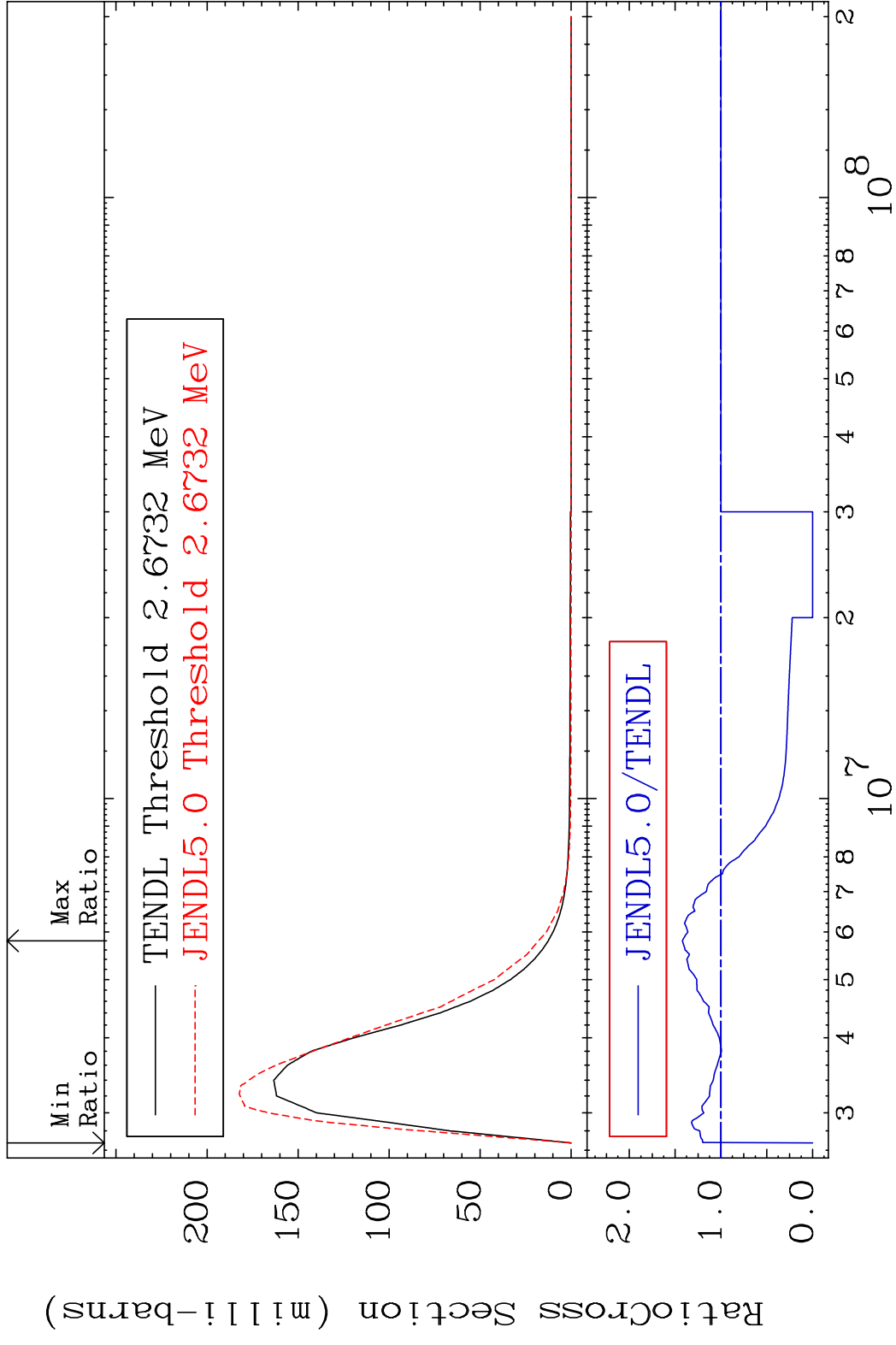


MAT 3831 MT= 58 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 94.53 %

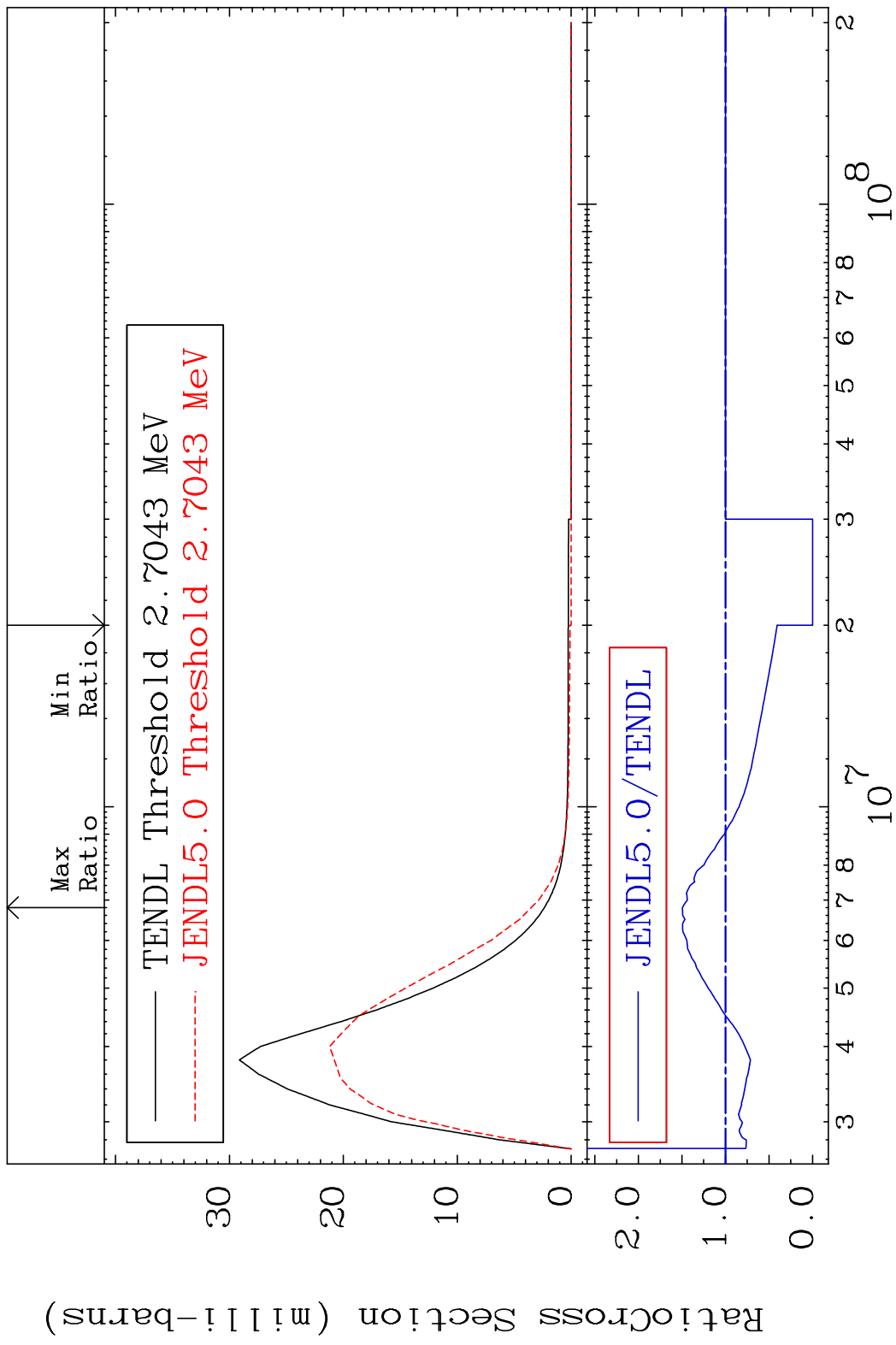




MAT 3831 MT= 59 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 42.12 %

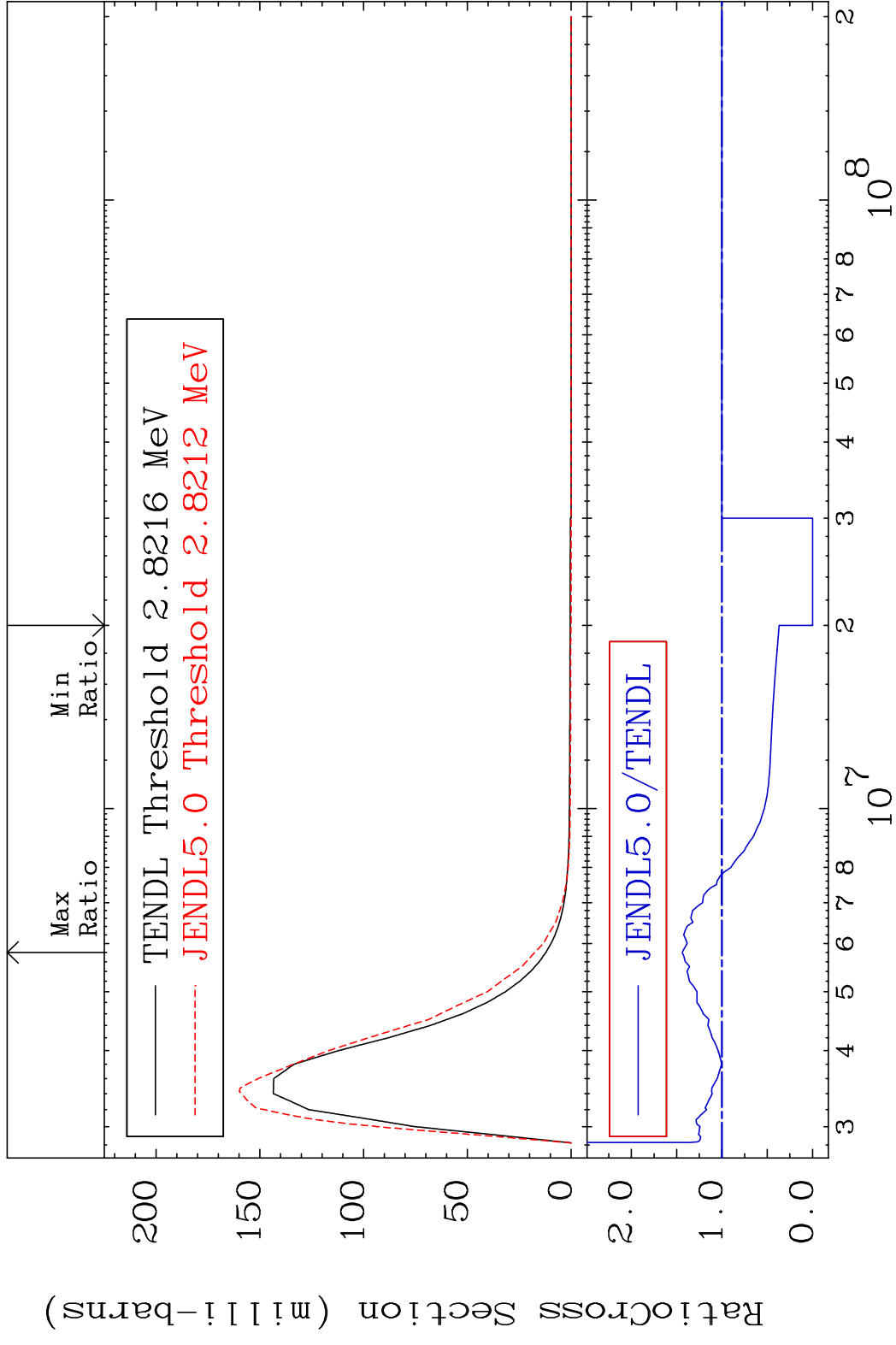


MAT 3831 MT= 60 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 49.52 %

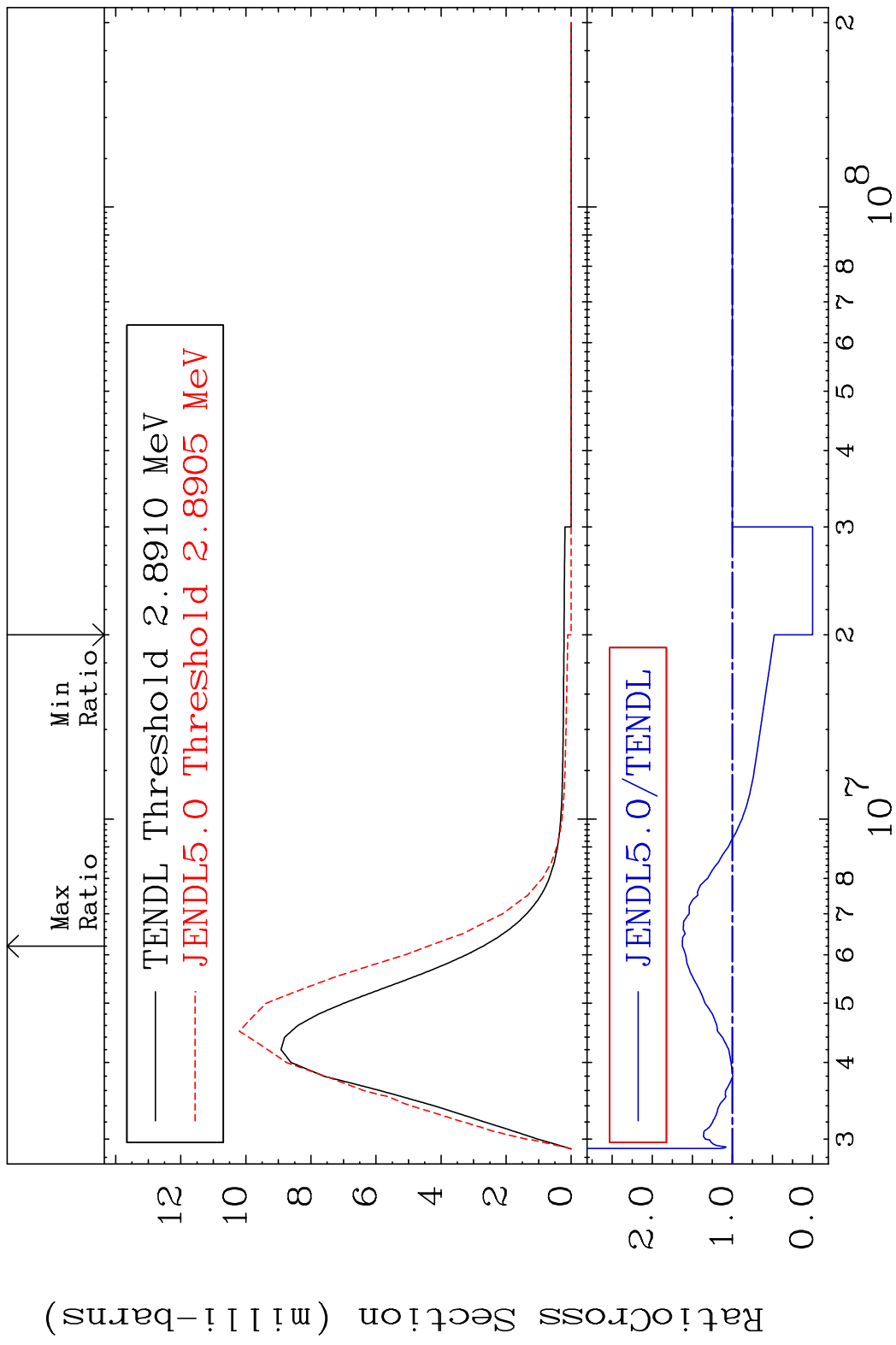


17 38-Sr-86

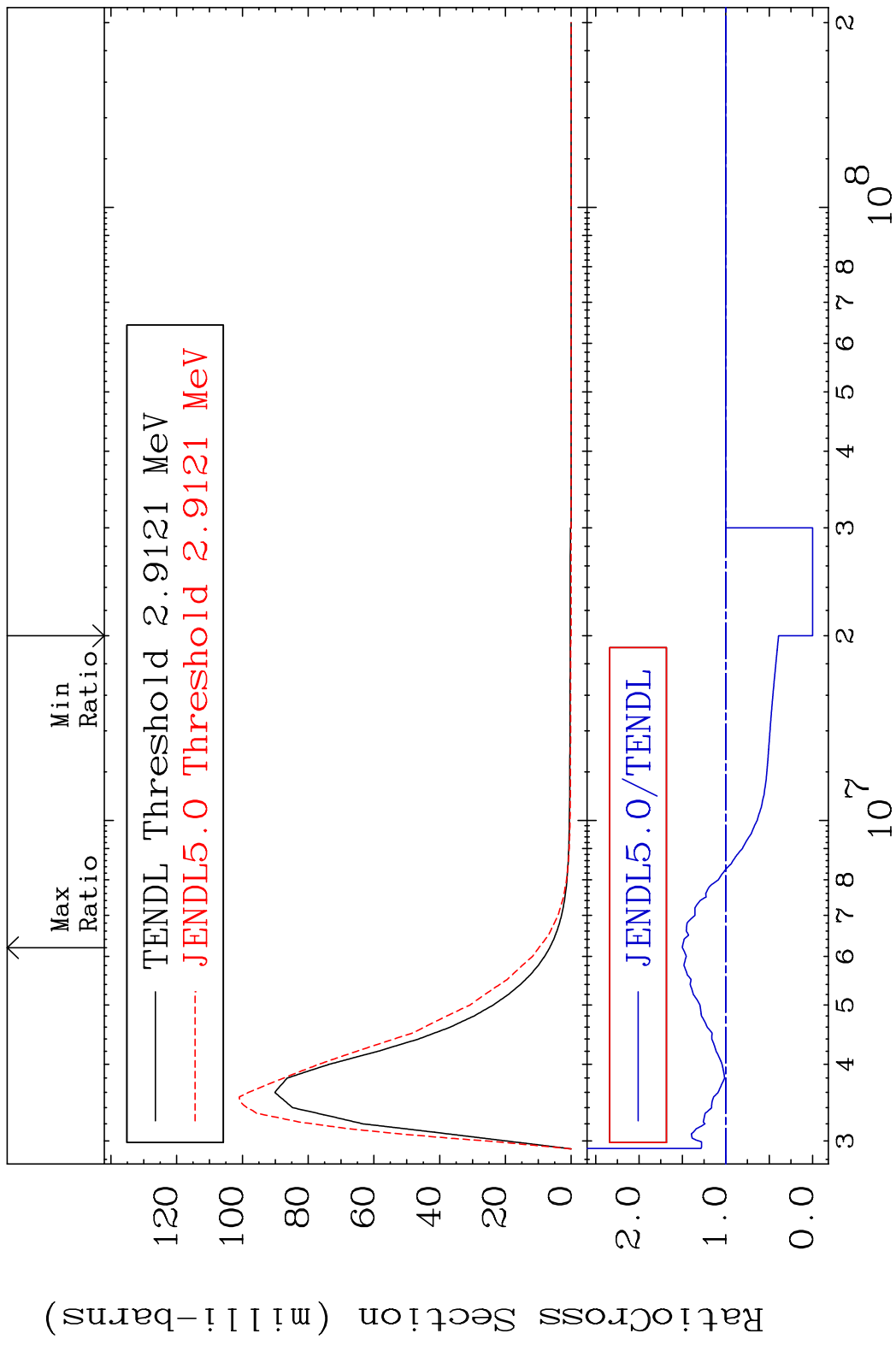
MAT 3831 MT= 61 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 43.70 %



MAT 3831 MT= 62 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 62.45 %

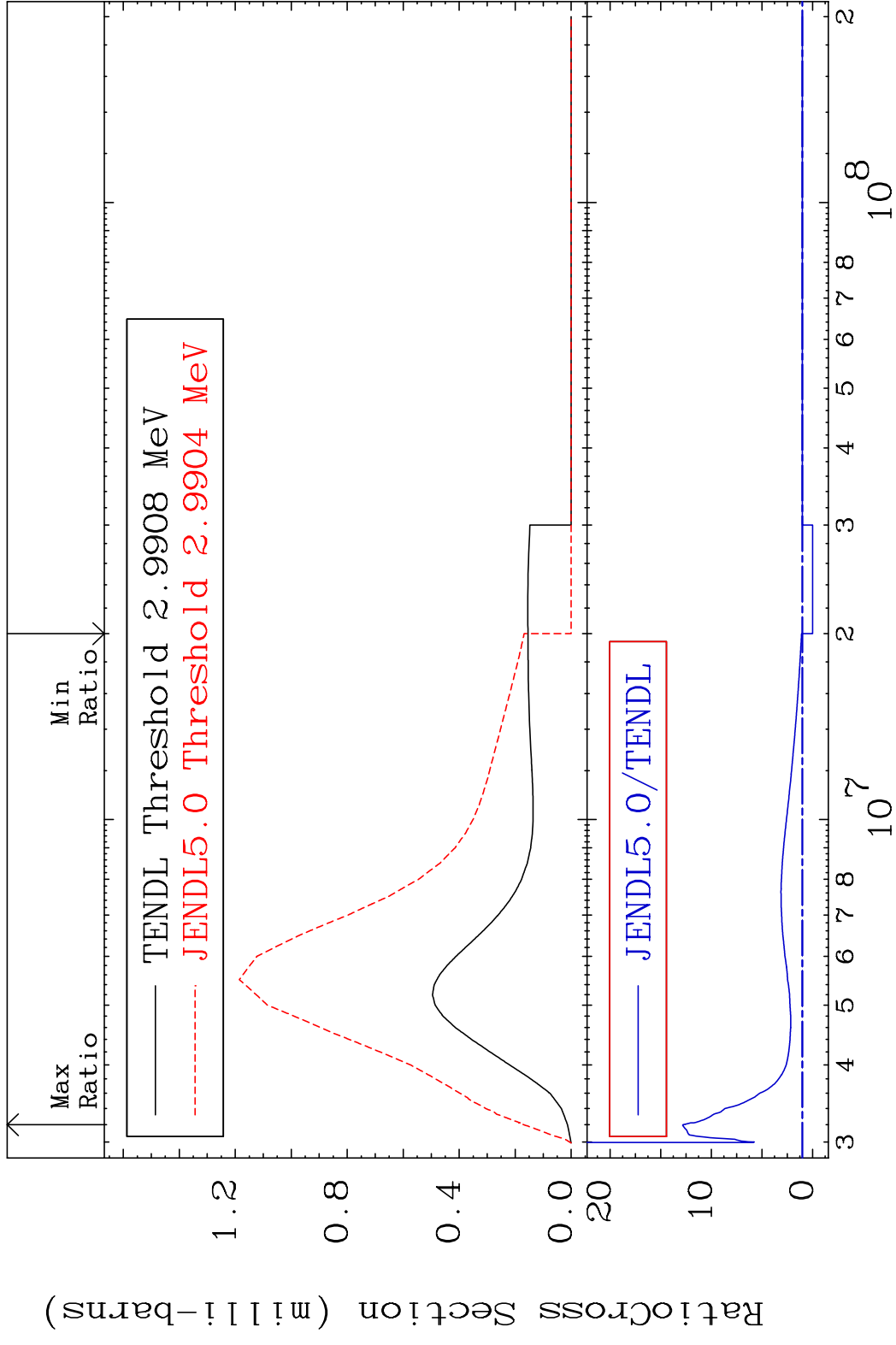


MAT 3831 MT= 63 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 50.08 %

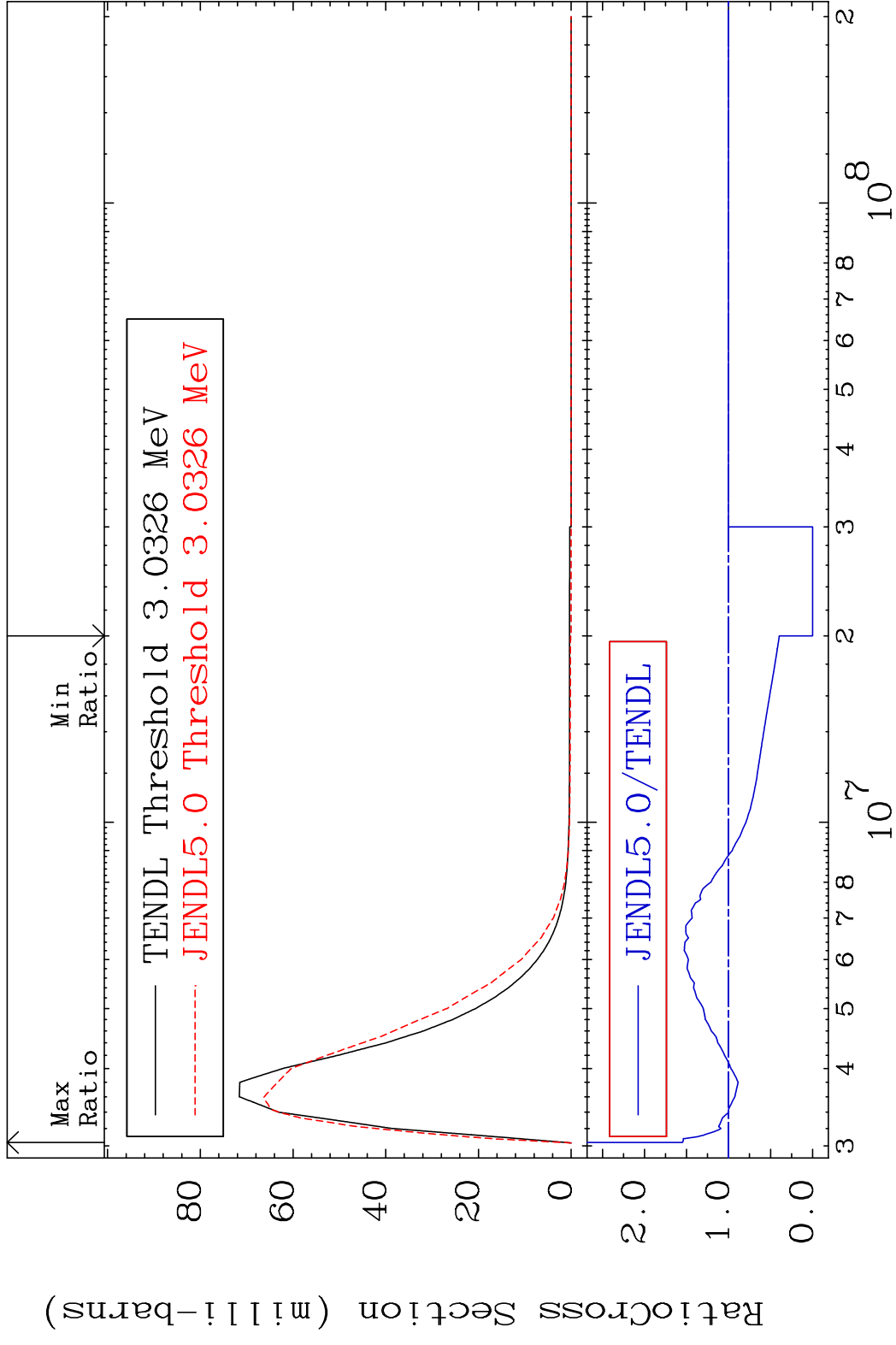


20 Incident Energy (eV) 38-Sr-86

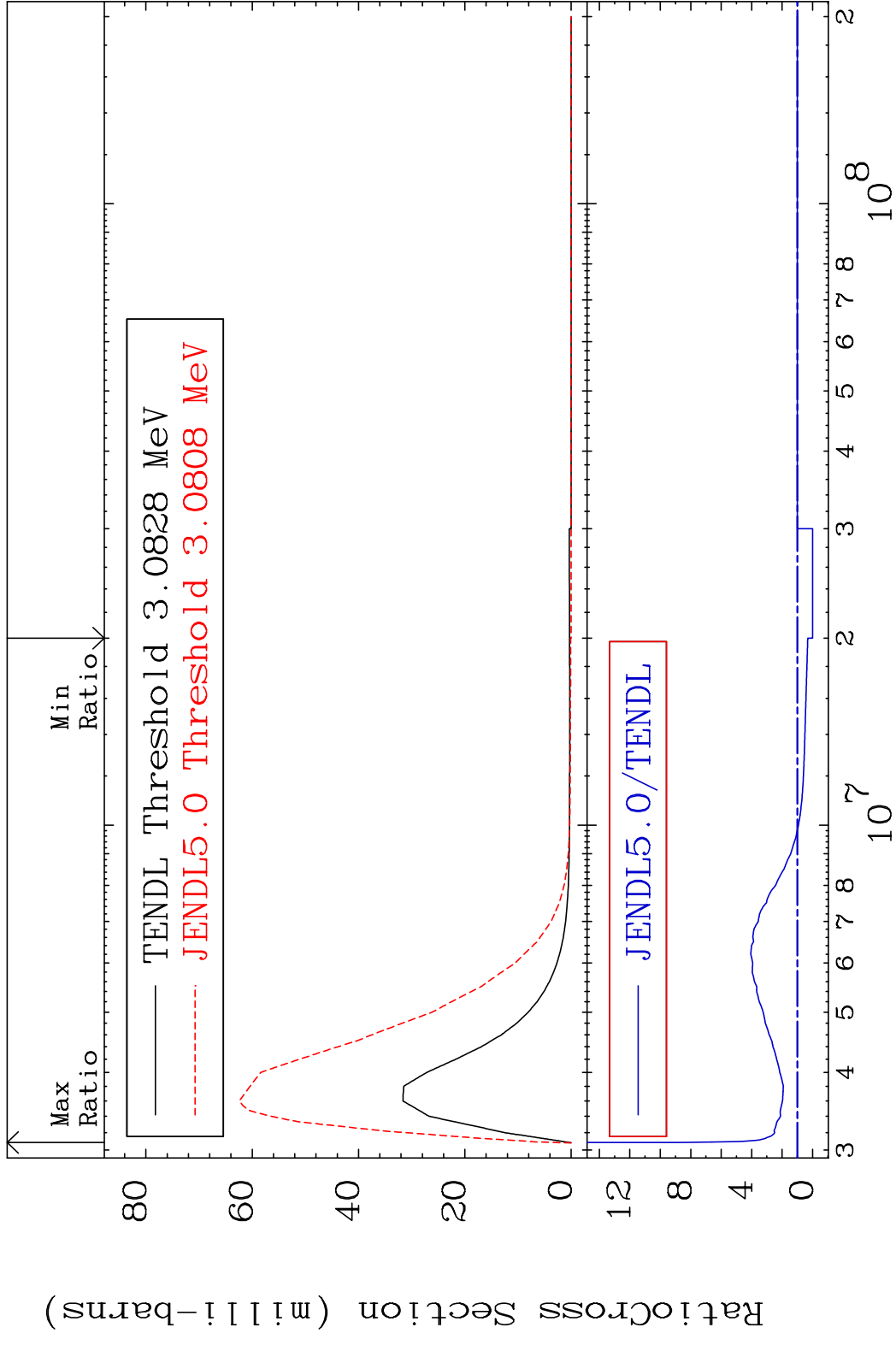
MAT 3831 MT= 64 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 1186. %



MAT 3831 MT= 65 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 54.95 %

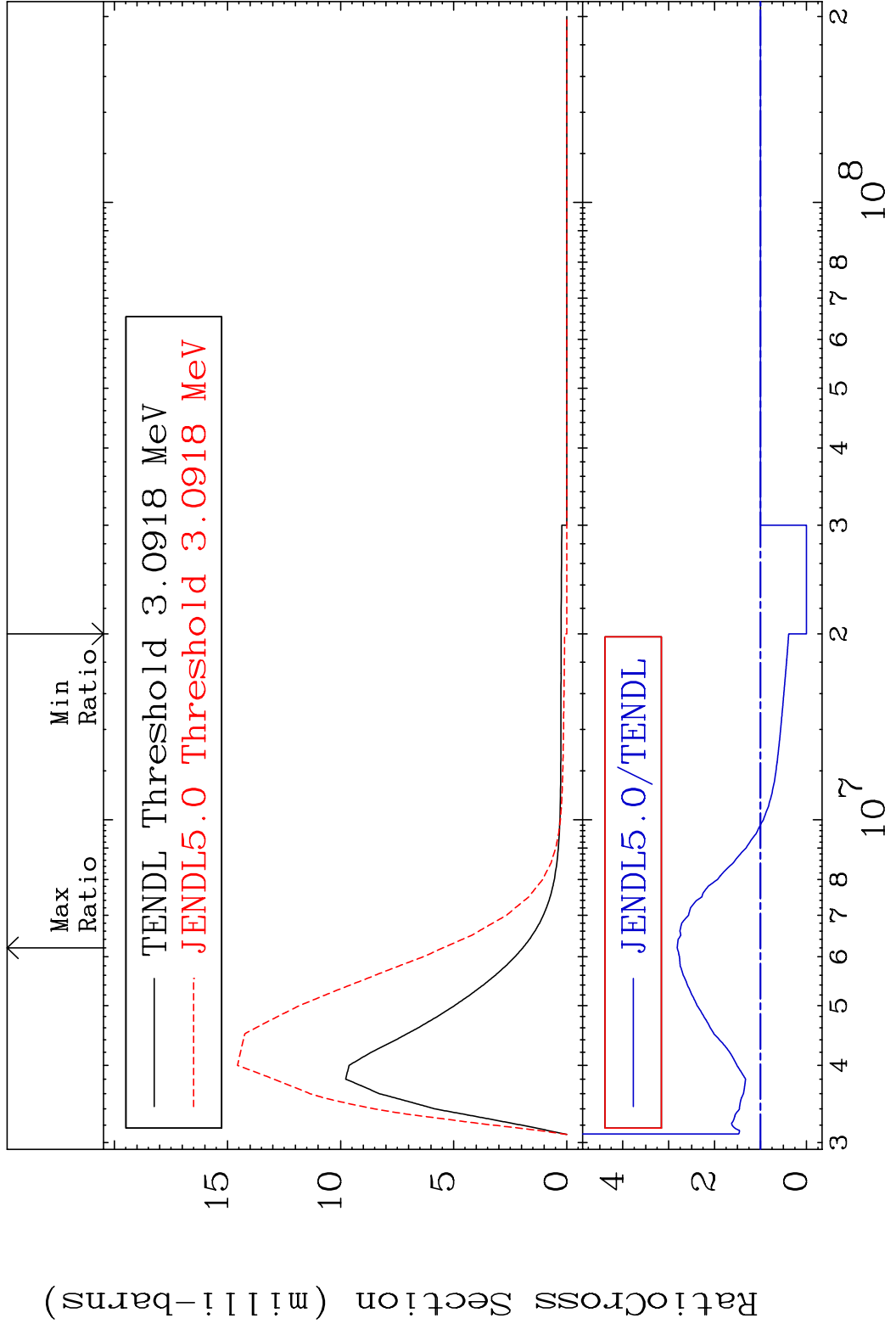


MAT 3831 MT= 66 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 755.0 %

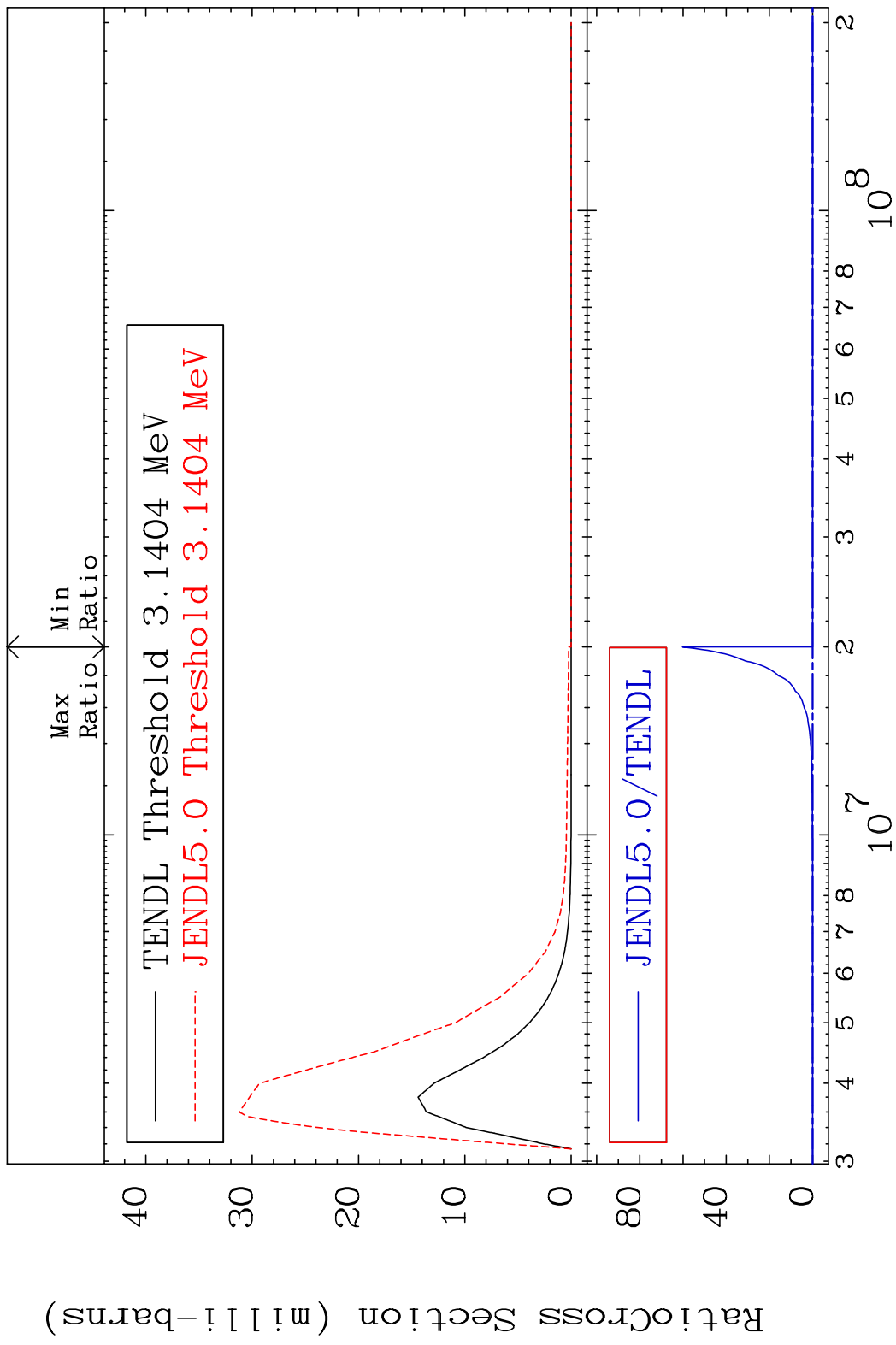




MAT 3831 MT= 67 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 181.4 %

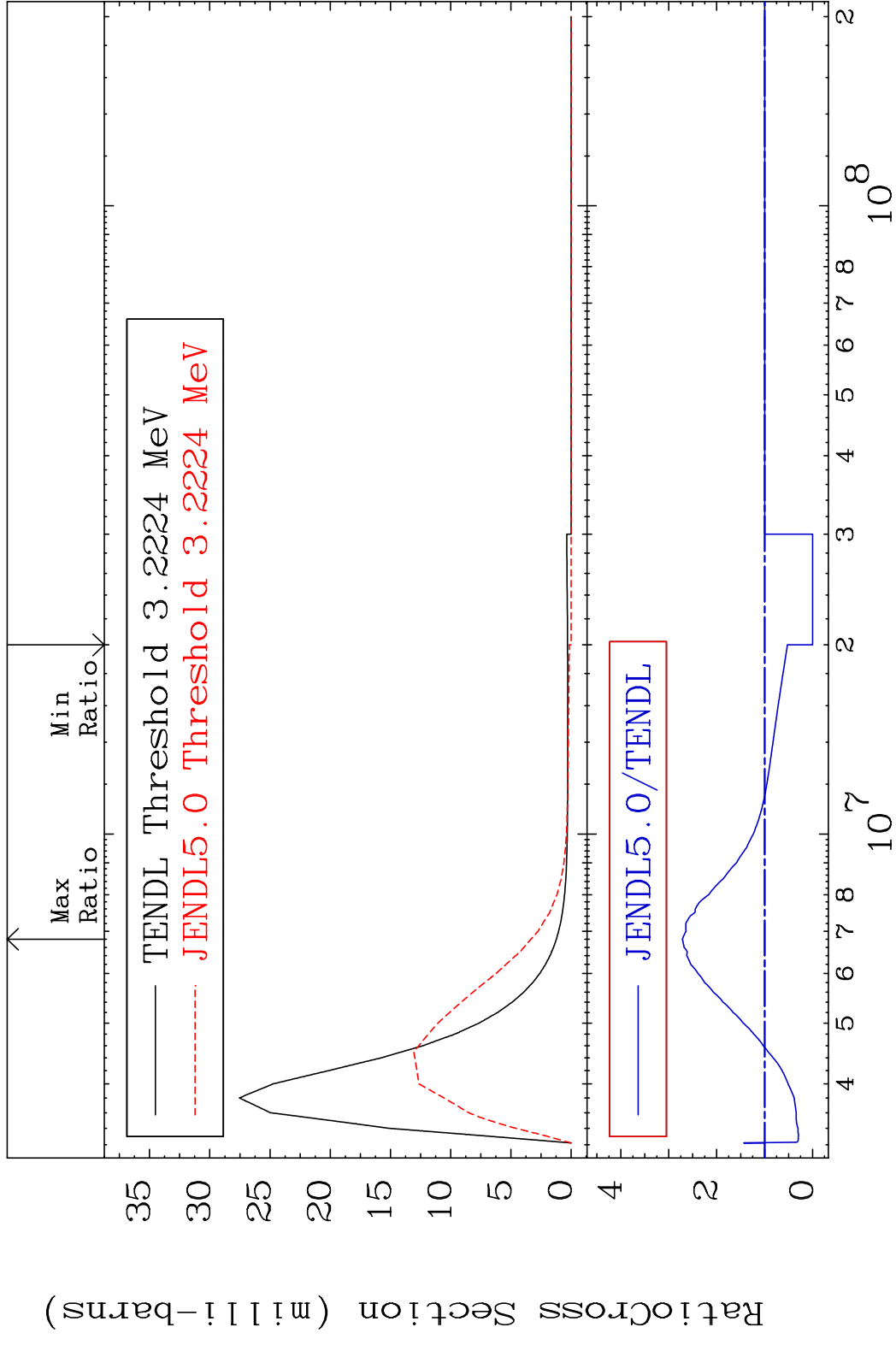


MAT 3831 MT= 68 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 9999. %

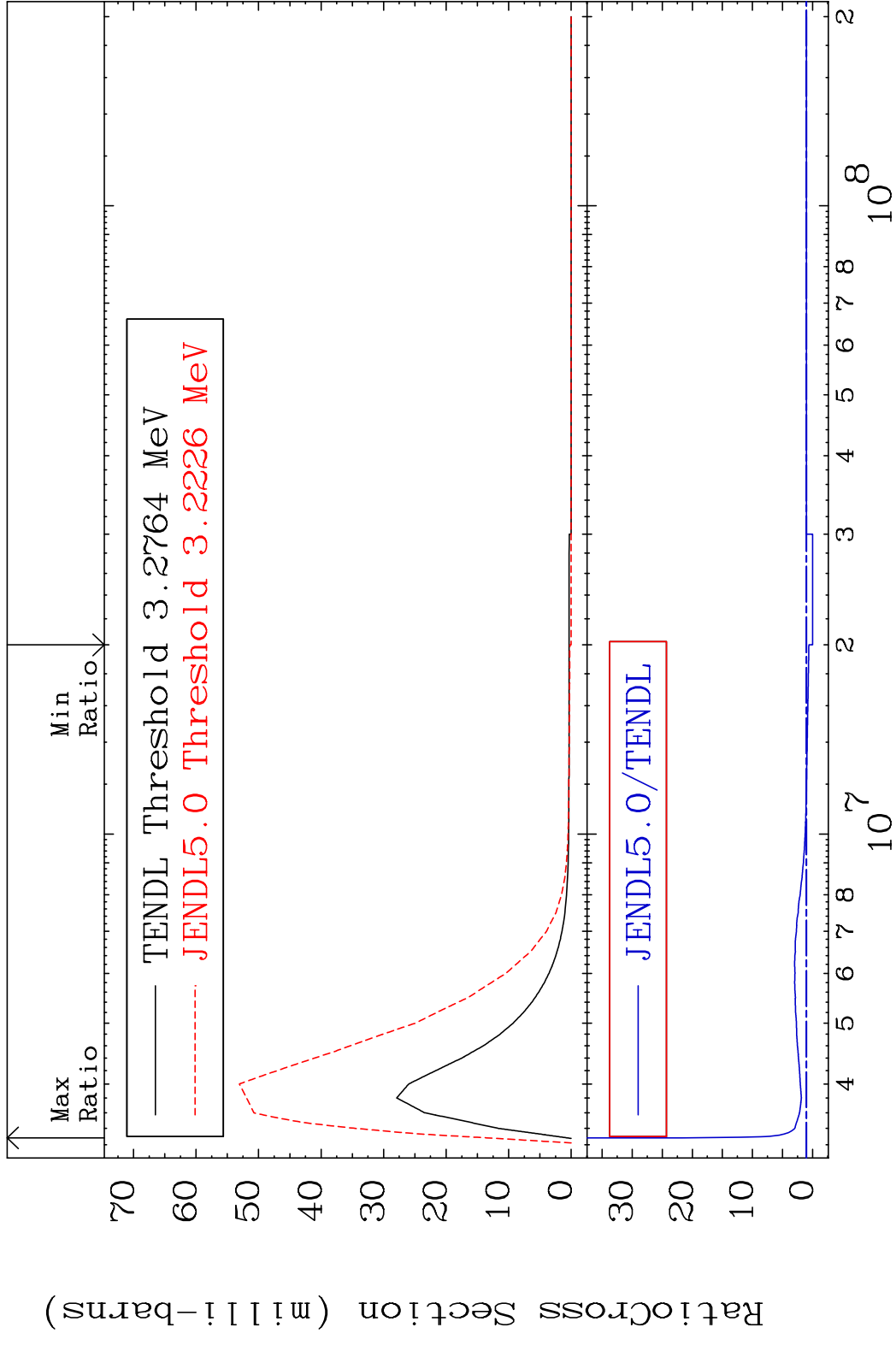


25 38-Sr-86

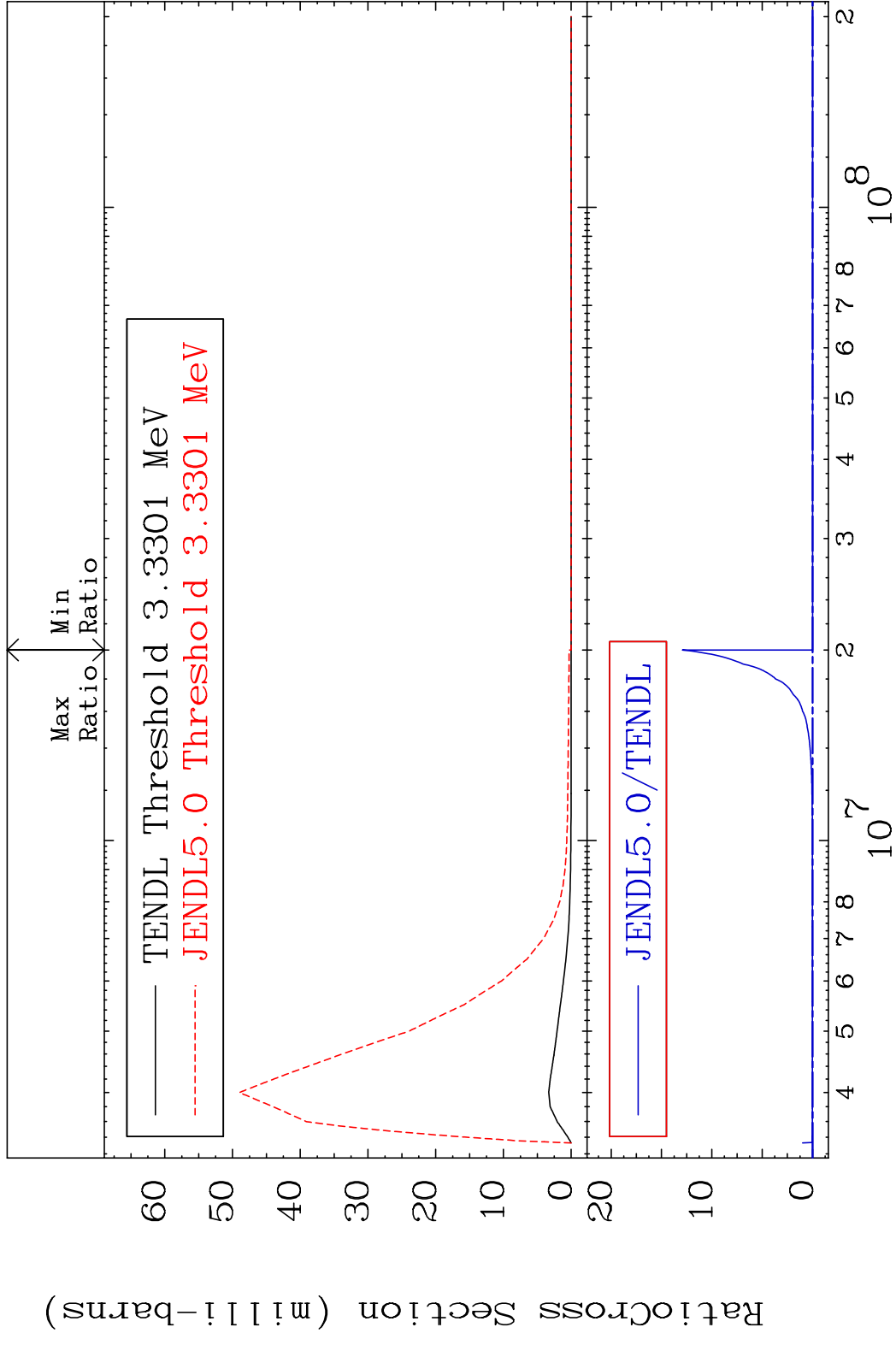
MAT 3831 MT= 69 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 171.7 %



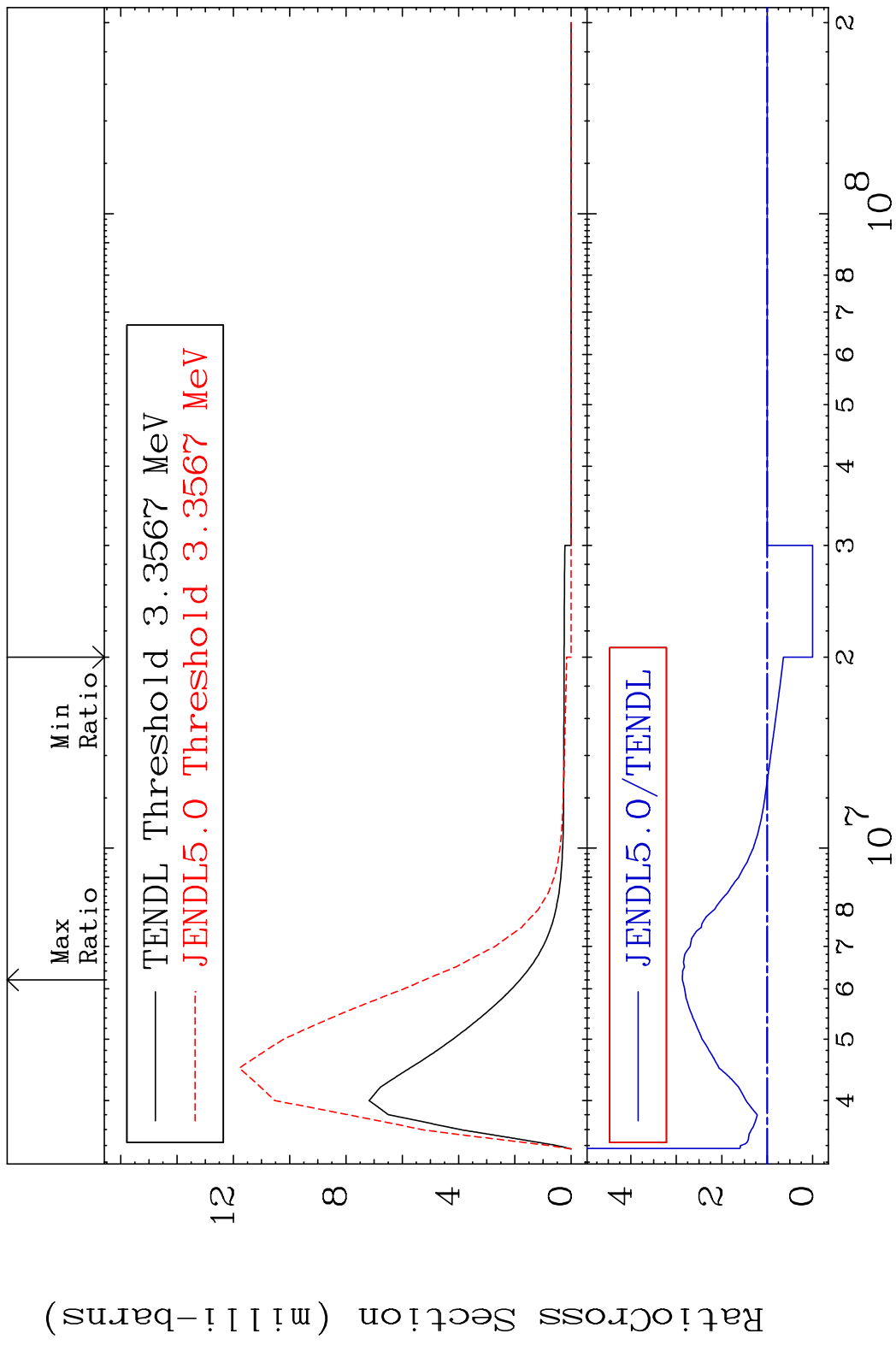
MAT 3831 MT= 70 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 2066. %



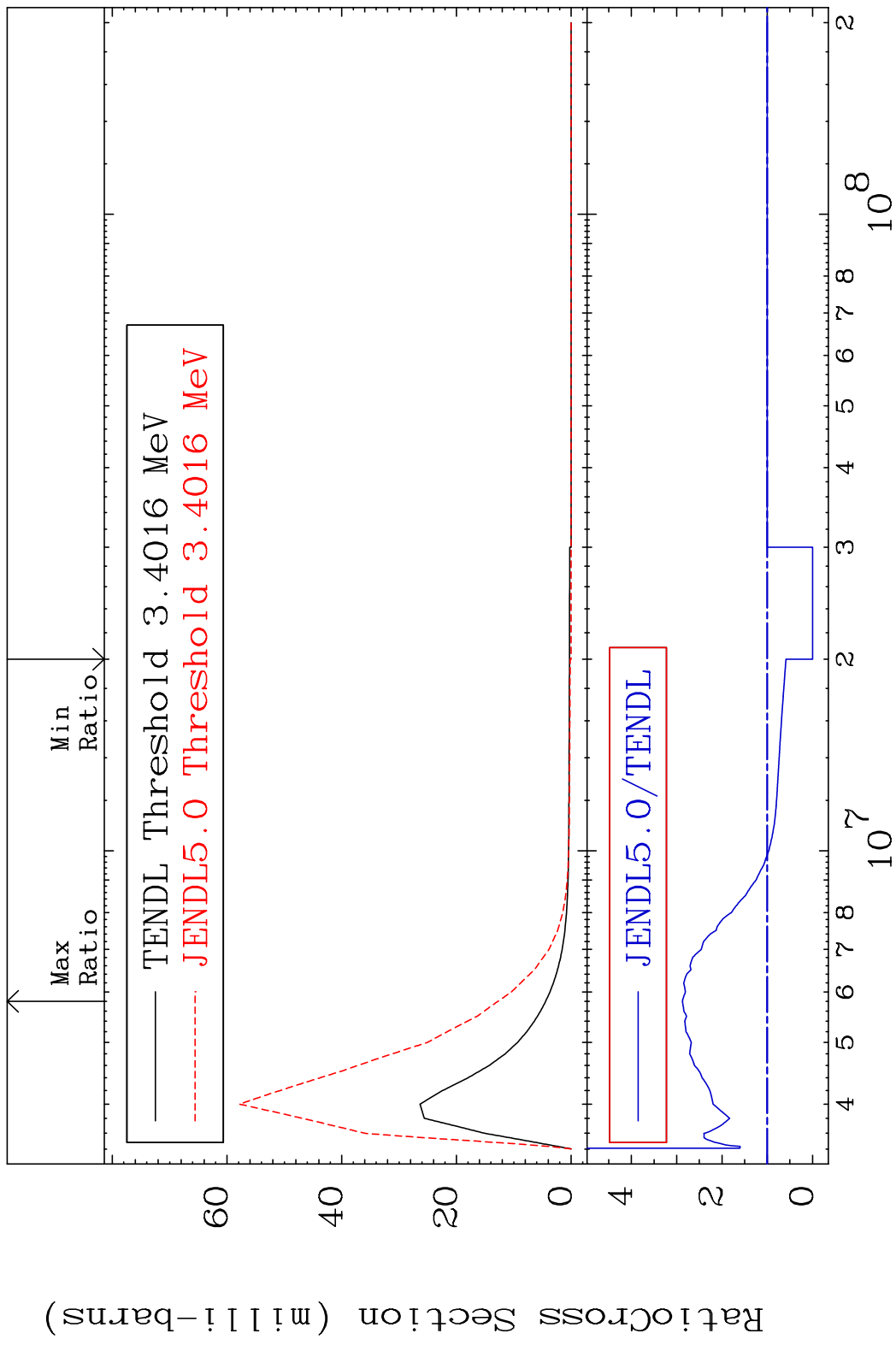
MAT 3831 MT= 71 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 9999. %



MAT 3831 MT= 72 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 186.8 %

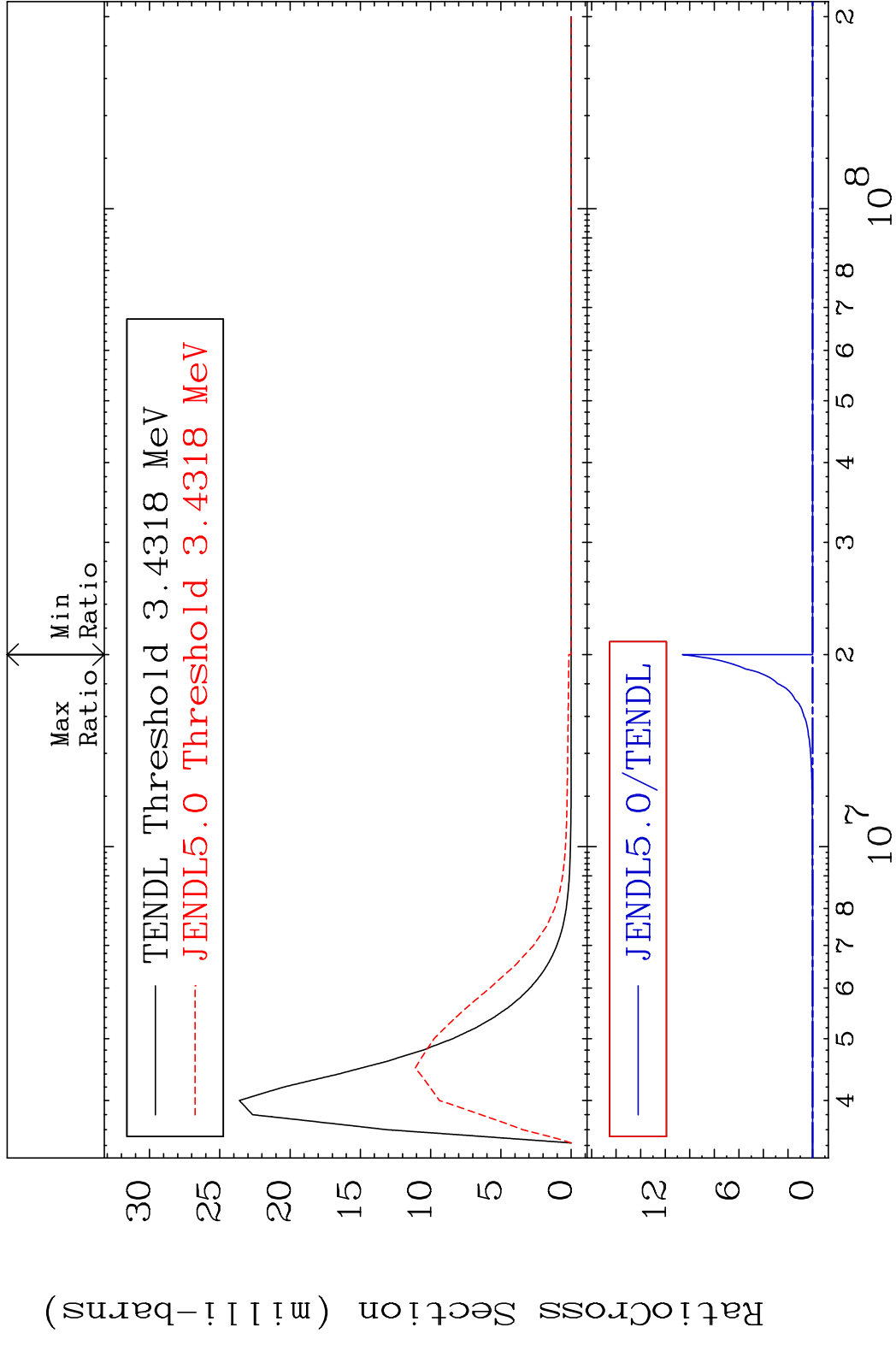


MAT 3831 MT= 73 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 187.4 %



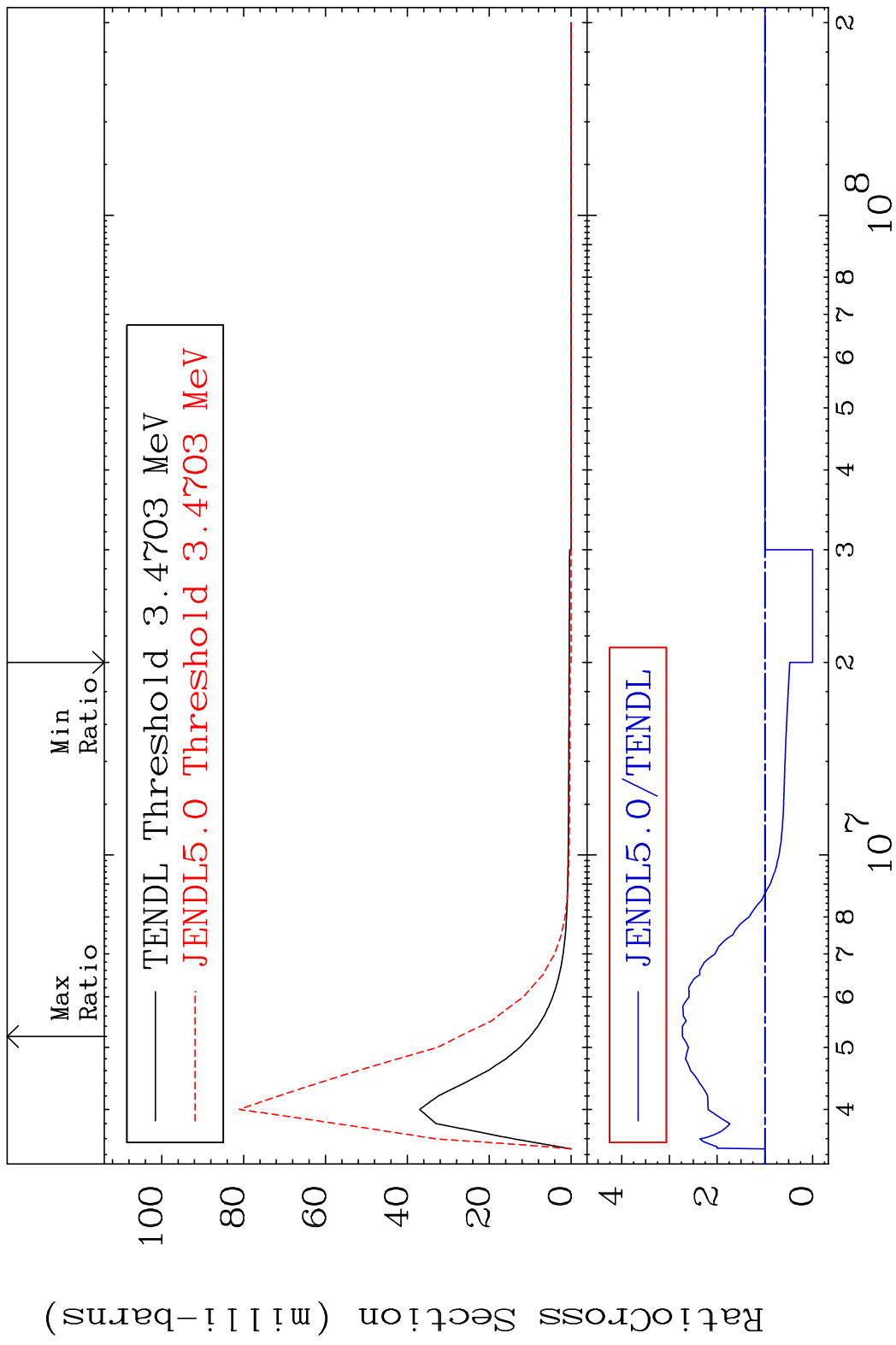
30 Incident Energy (eV) 38-Sr-86

MAT 3831 MT= 74 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 9999. %

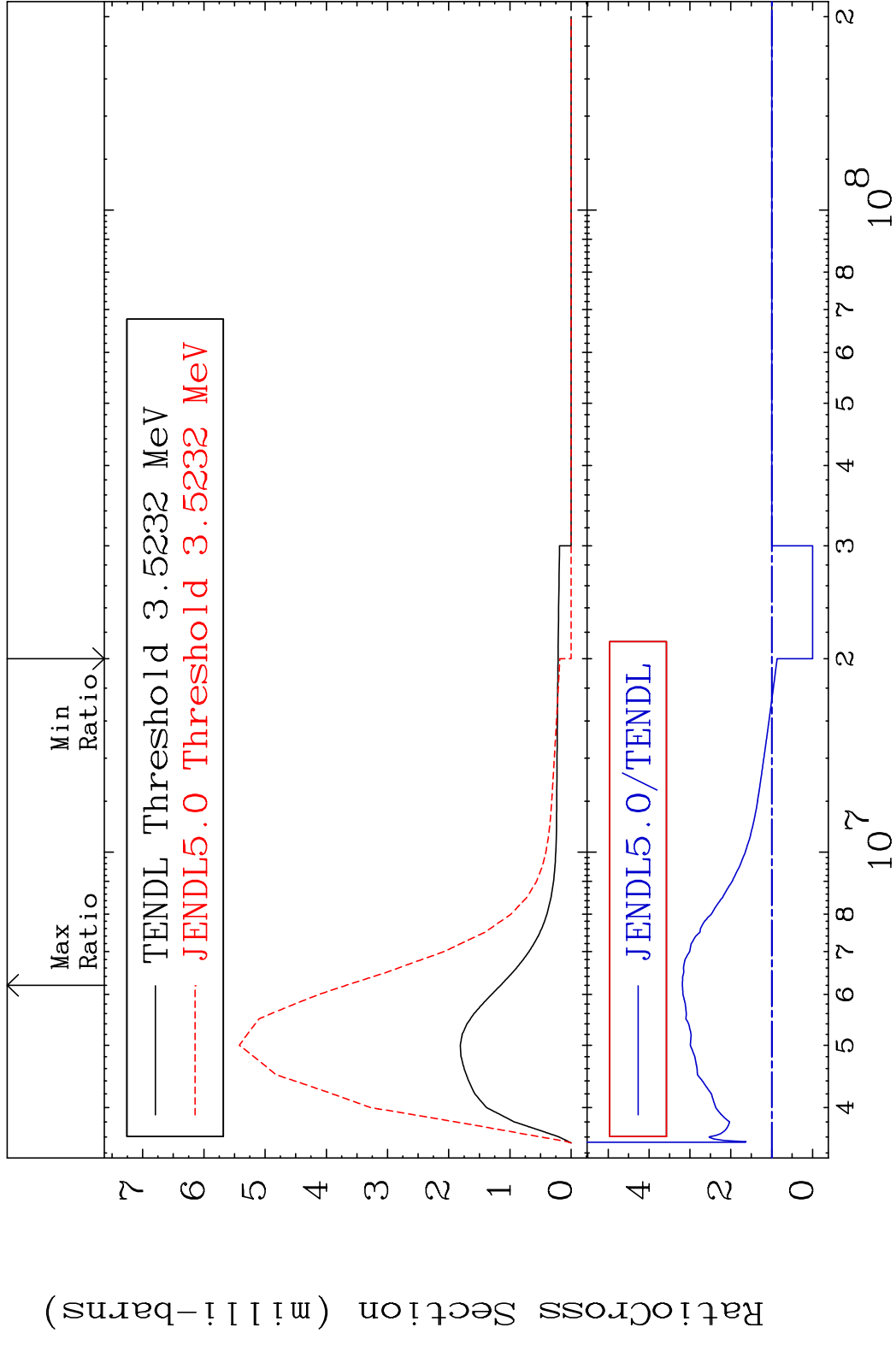




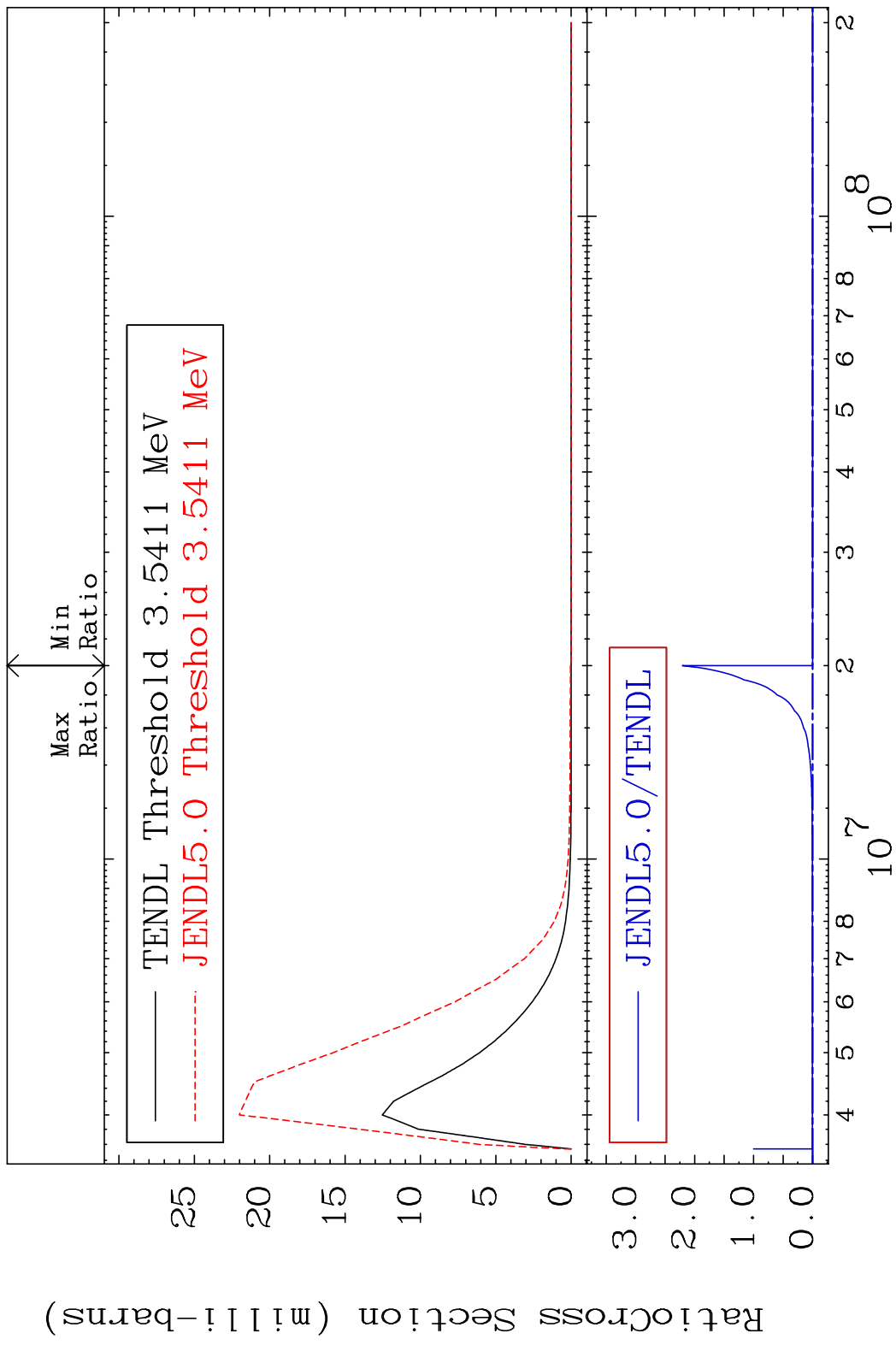
MAT 3831 MT= 75 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 173.0 %



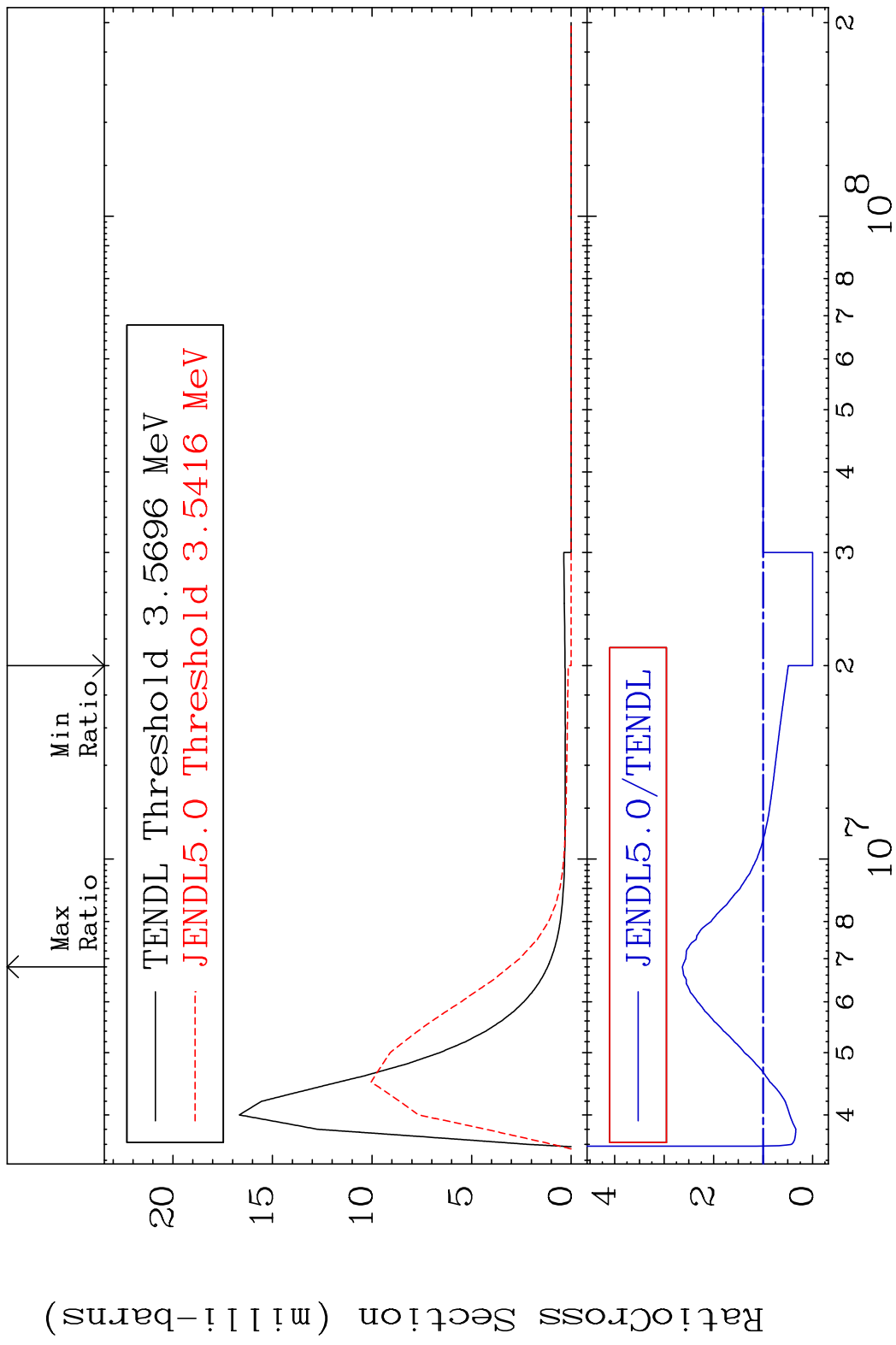
MAT 3831 MT= 76 (n,n') Level 38-Sr-86  
 Cross Section -100.0 To 218.6 %



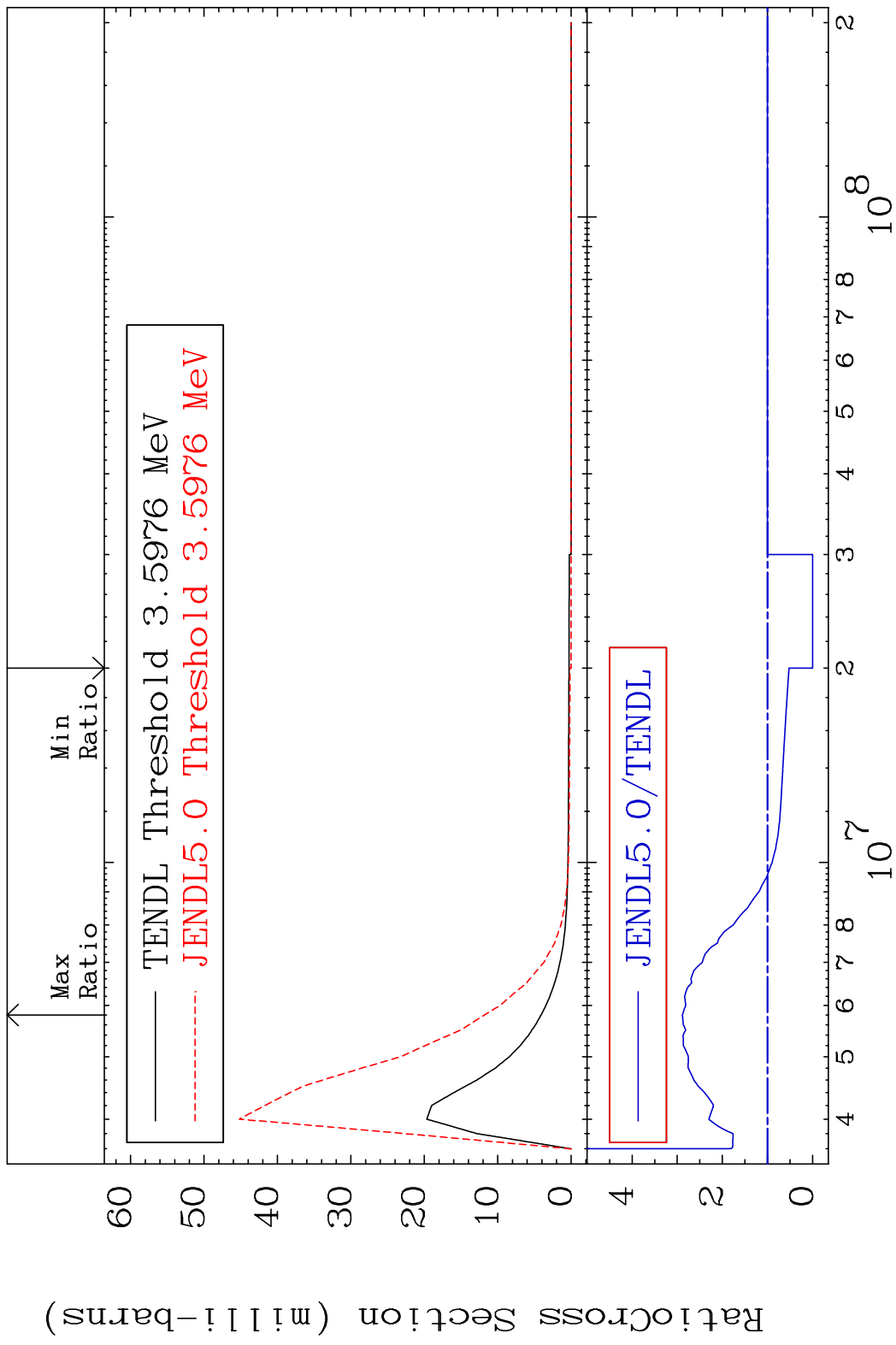
MAT 3831 MT= 77 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 9999. %



MAT 3831 MT= 78 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 163.2 %



MAT 3831 MT= 79 (n, n') Level 38-Sr-86  
 Cross Section -100.0 To 188.7 %

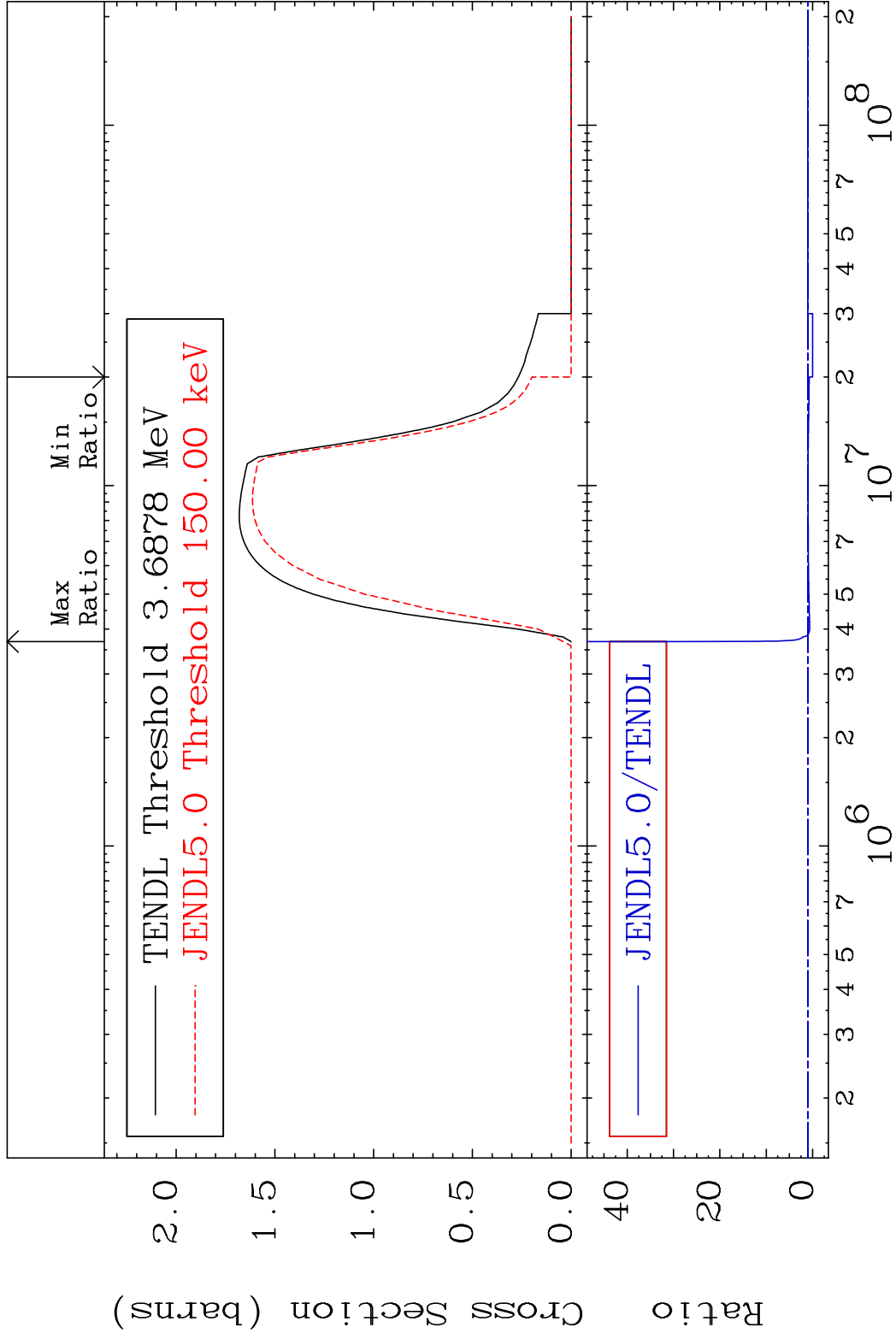


MAT 3831

(n,n') Continuum

38-Sr-86

Cross Section -100.0 To 2710. %



37

Incident Energy (eV)

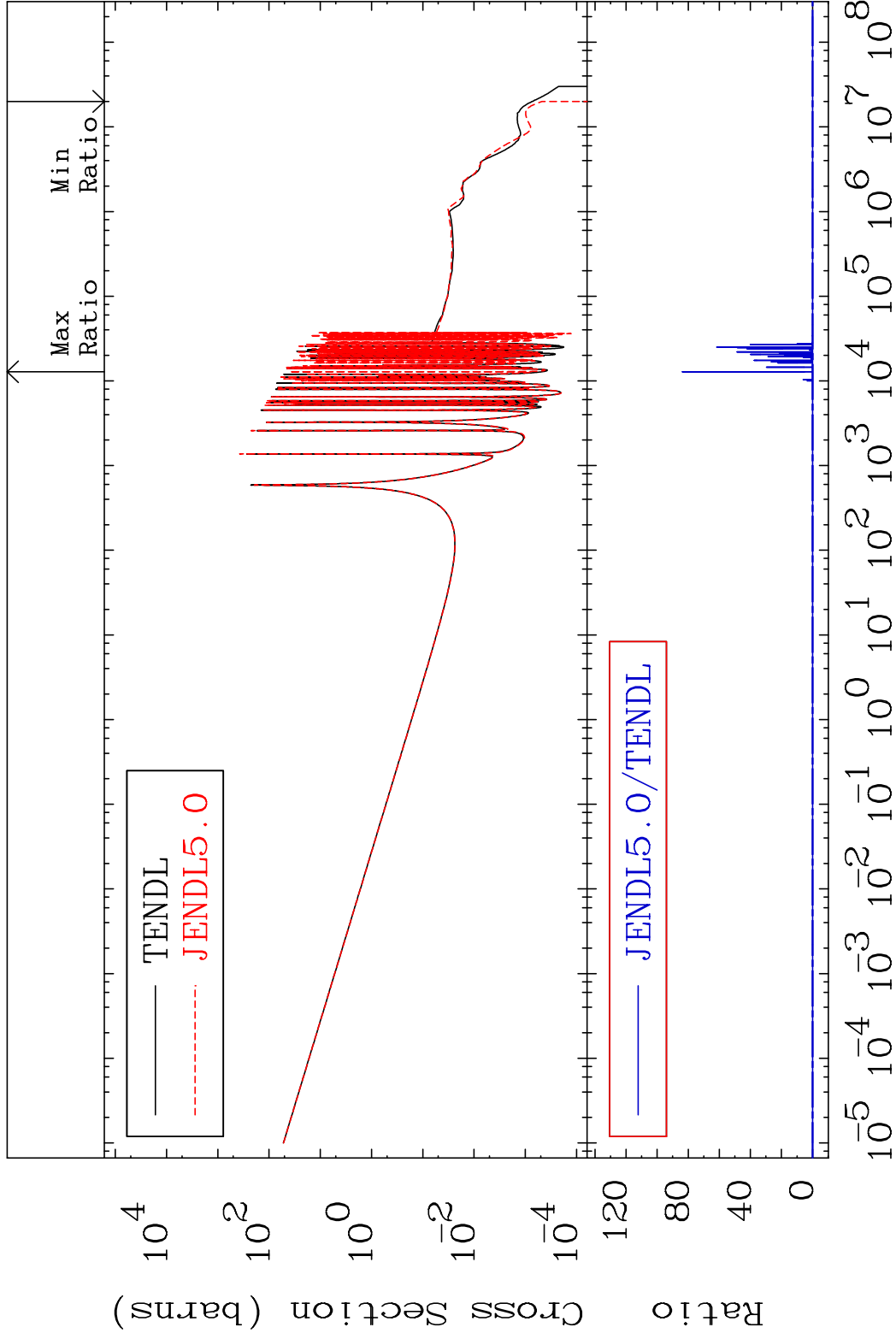
38-Sr-86

MAT 3831

(n,  $\gamma$ )

38-Sr-86

Cross Section -100.0 To 9999. %

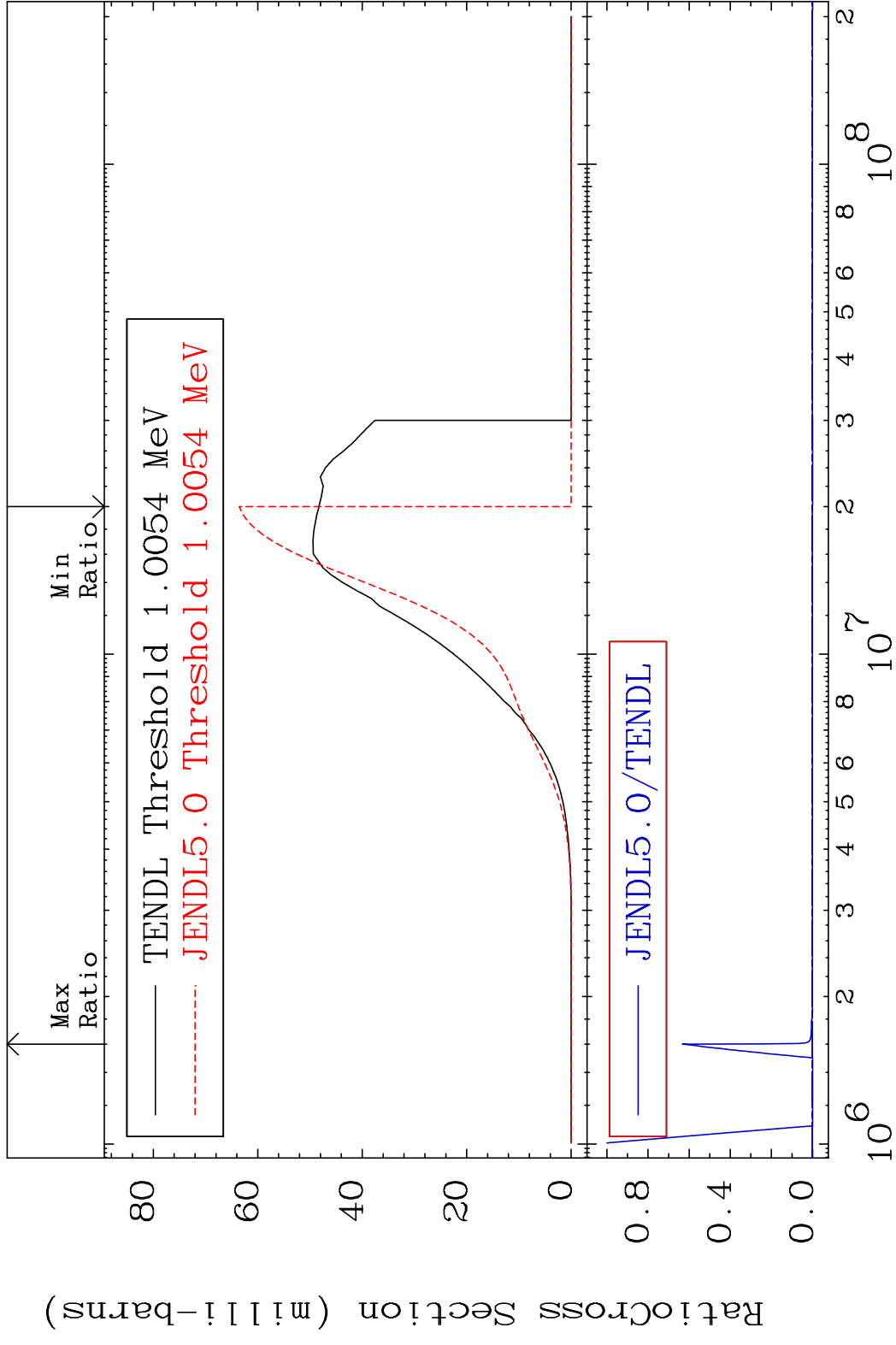


38

Incident Energy (eV)

38-Sr-86

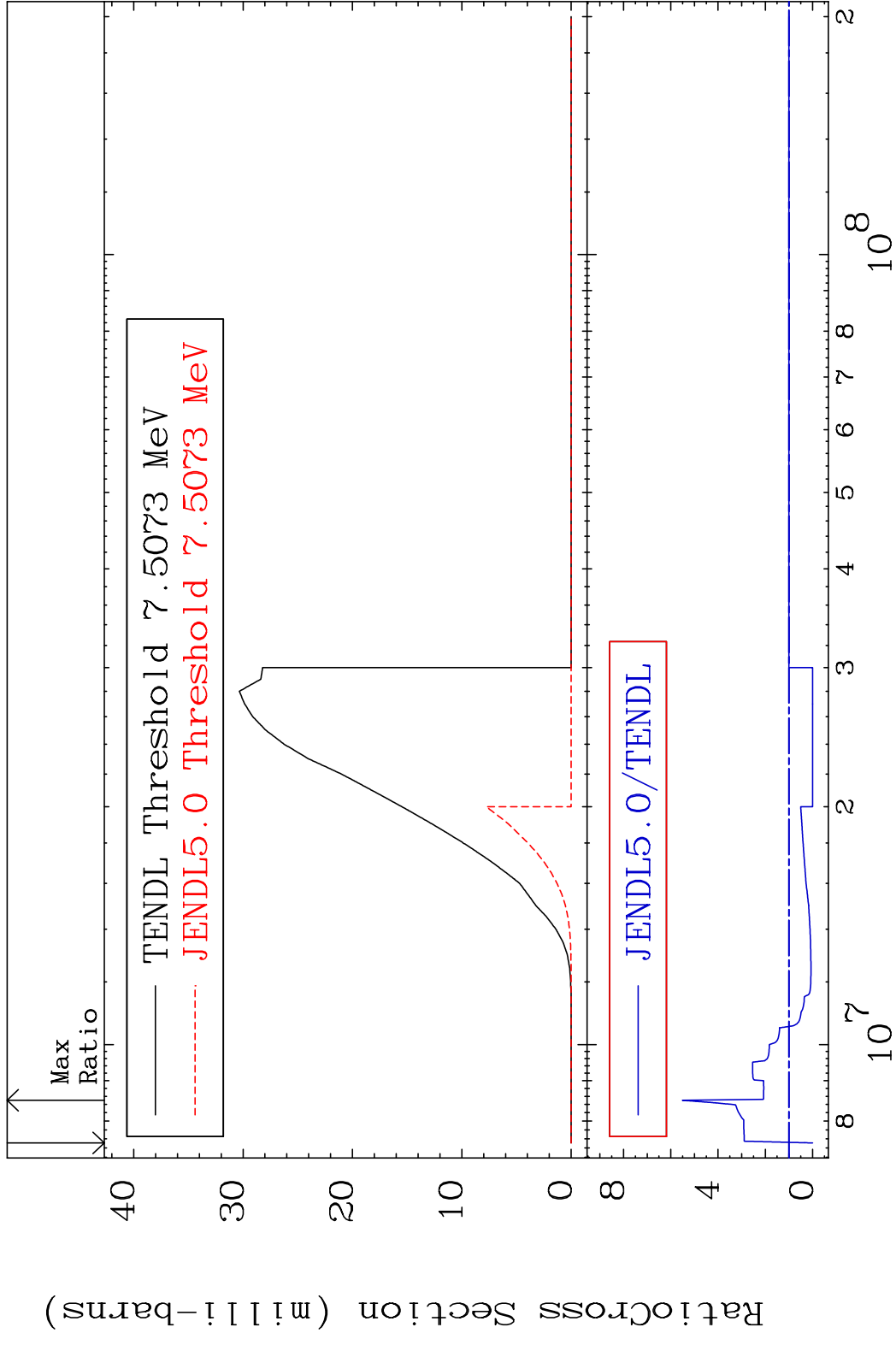
MAT 3831 (n,p) 38-Sr-86  
 Cross Section -100.0 To 9999. %



39 38-Sr-86



MAT 3831 (n,d) 38-Sr-86  
Cross Section -100.0 To 451.0 %



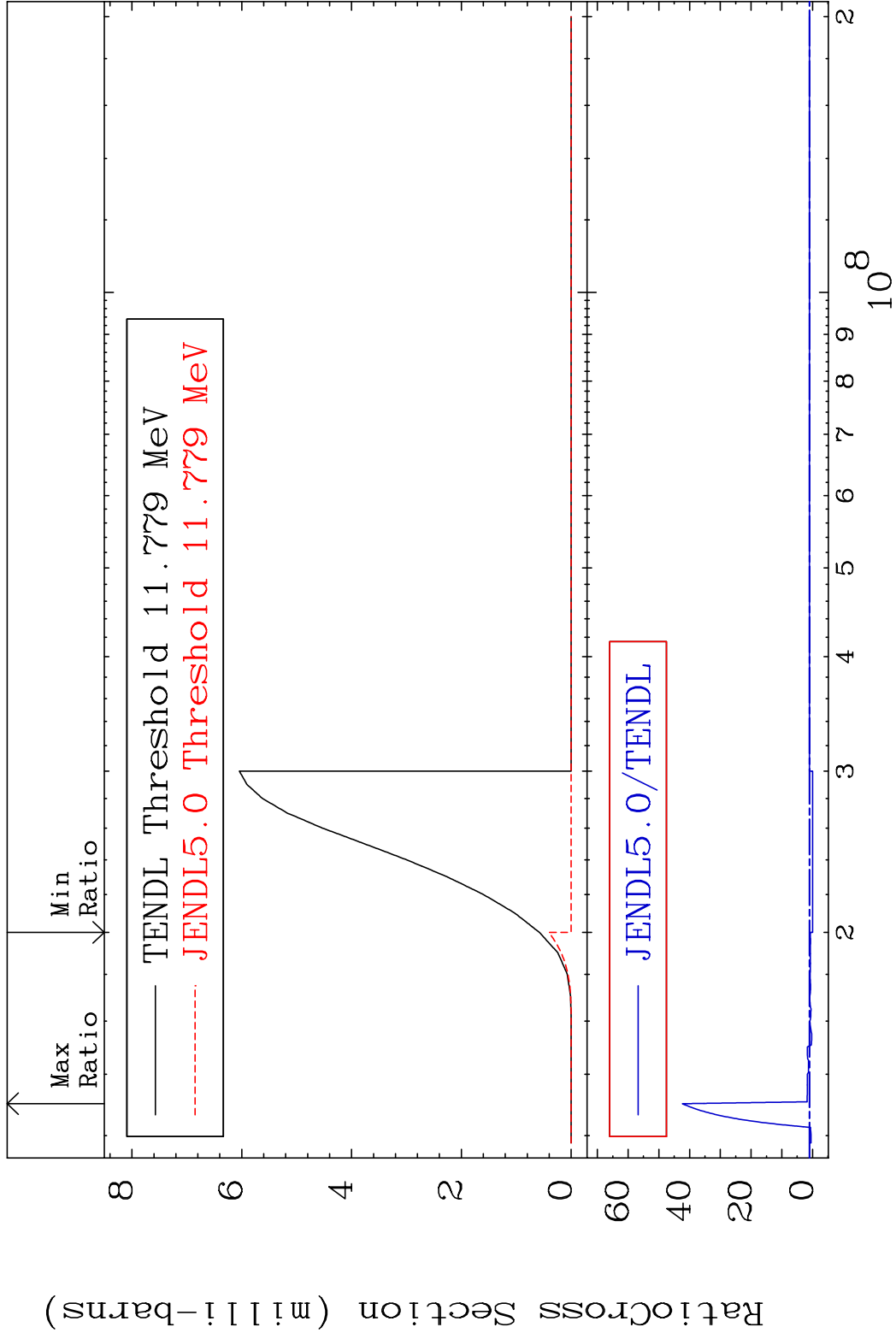
40 8 4 0 0 8 10 7 10 8 2 38-Sr-86

MAT 3831

(n, t)

38-Sr-86

Cross Section -100.0 To 4136. %

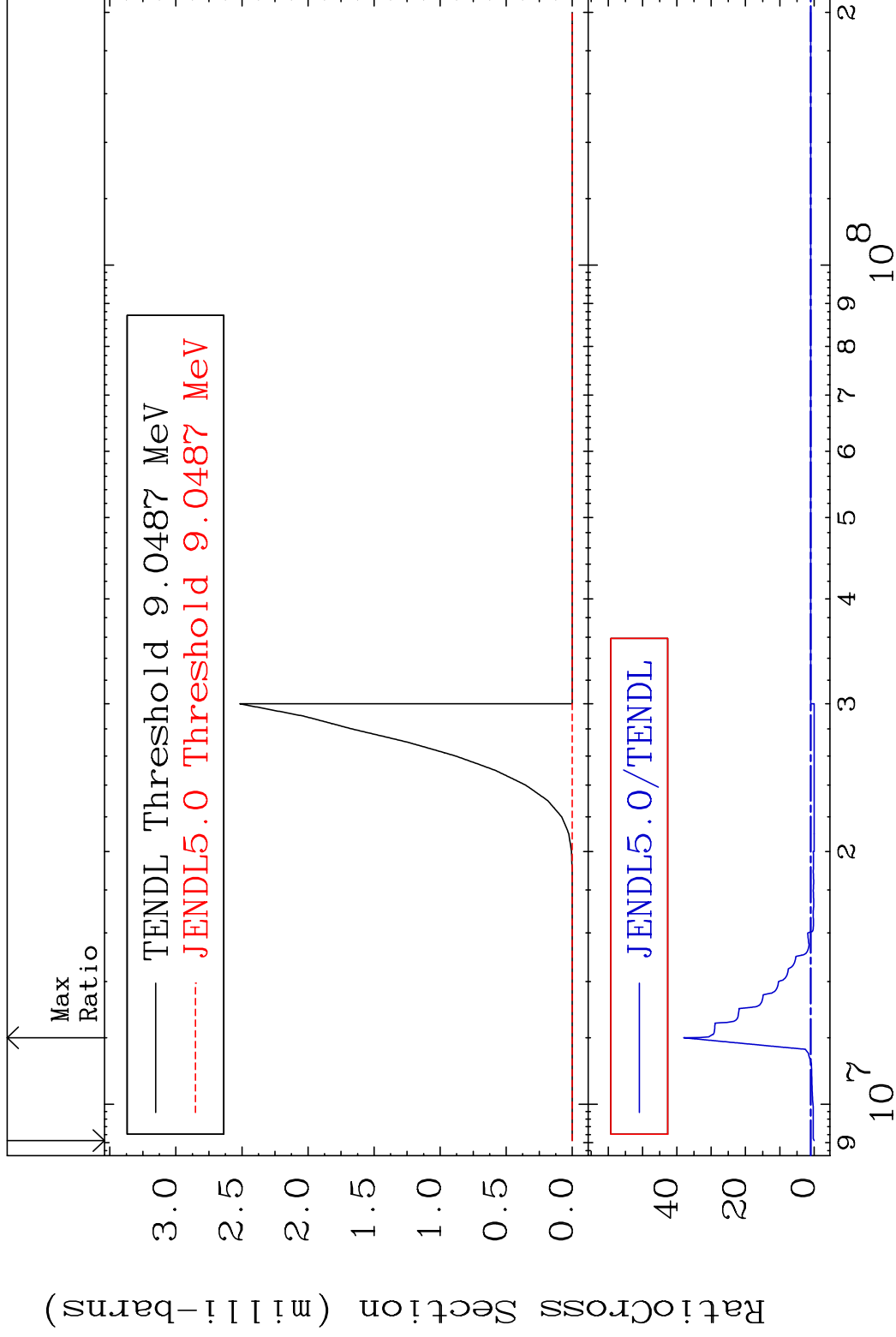


MAT 3831

(n, He-3)

38-Sr-86

Cross Section -100.0 To 3702. %



42

Incident Energy (eV)

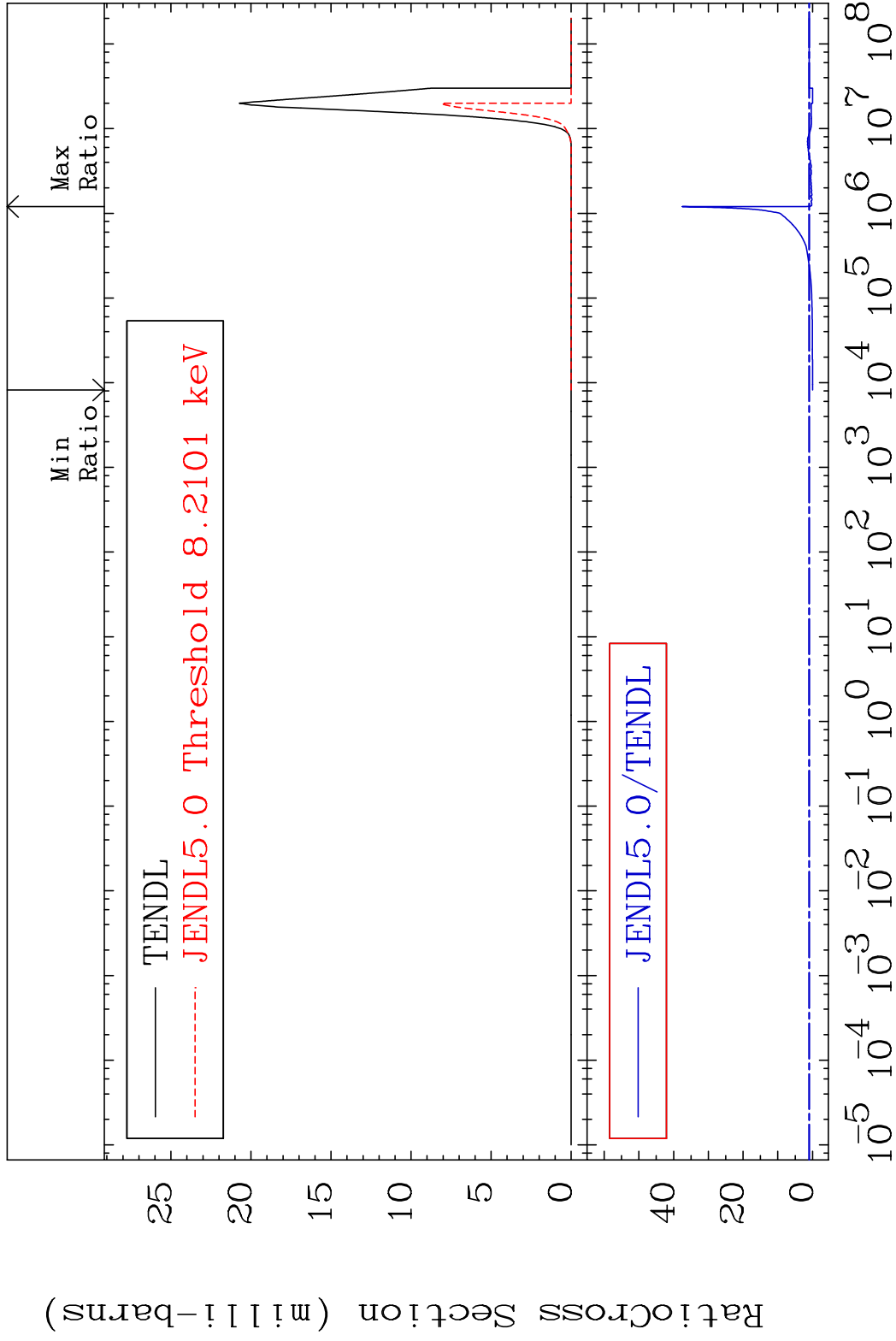
38-Sr-86

MAT 3831

(n,  $\alpha$ )

38-Sr-86

Cross Section -100.0 To 3649. %



43

Incident Energy (eV)

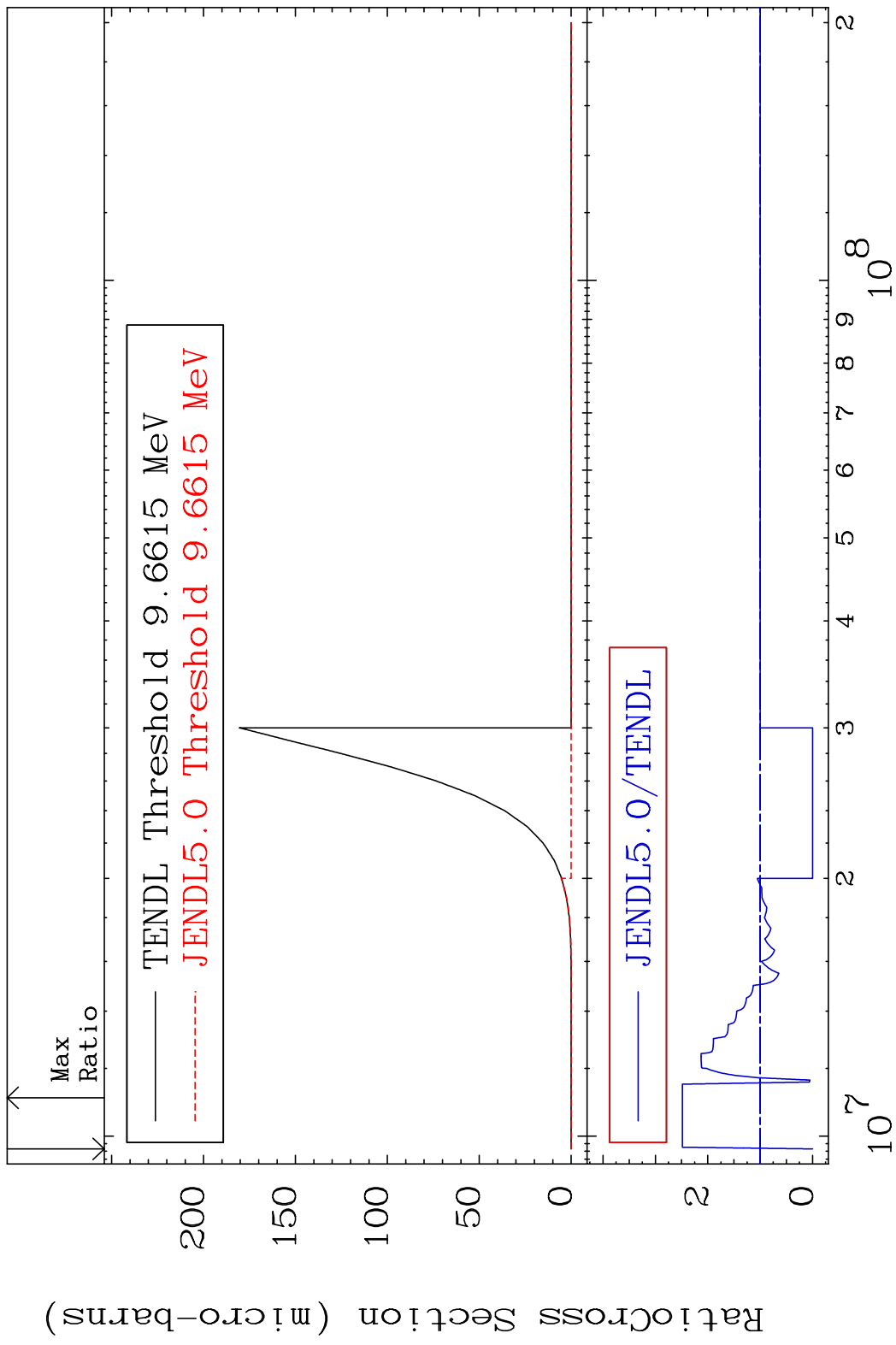
38-Sr-86

MAT 3831

(n,2p)

38-Sr-86

Cross Section -100.0 To 148.5 %



44

Incident Energy (eV)

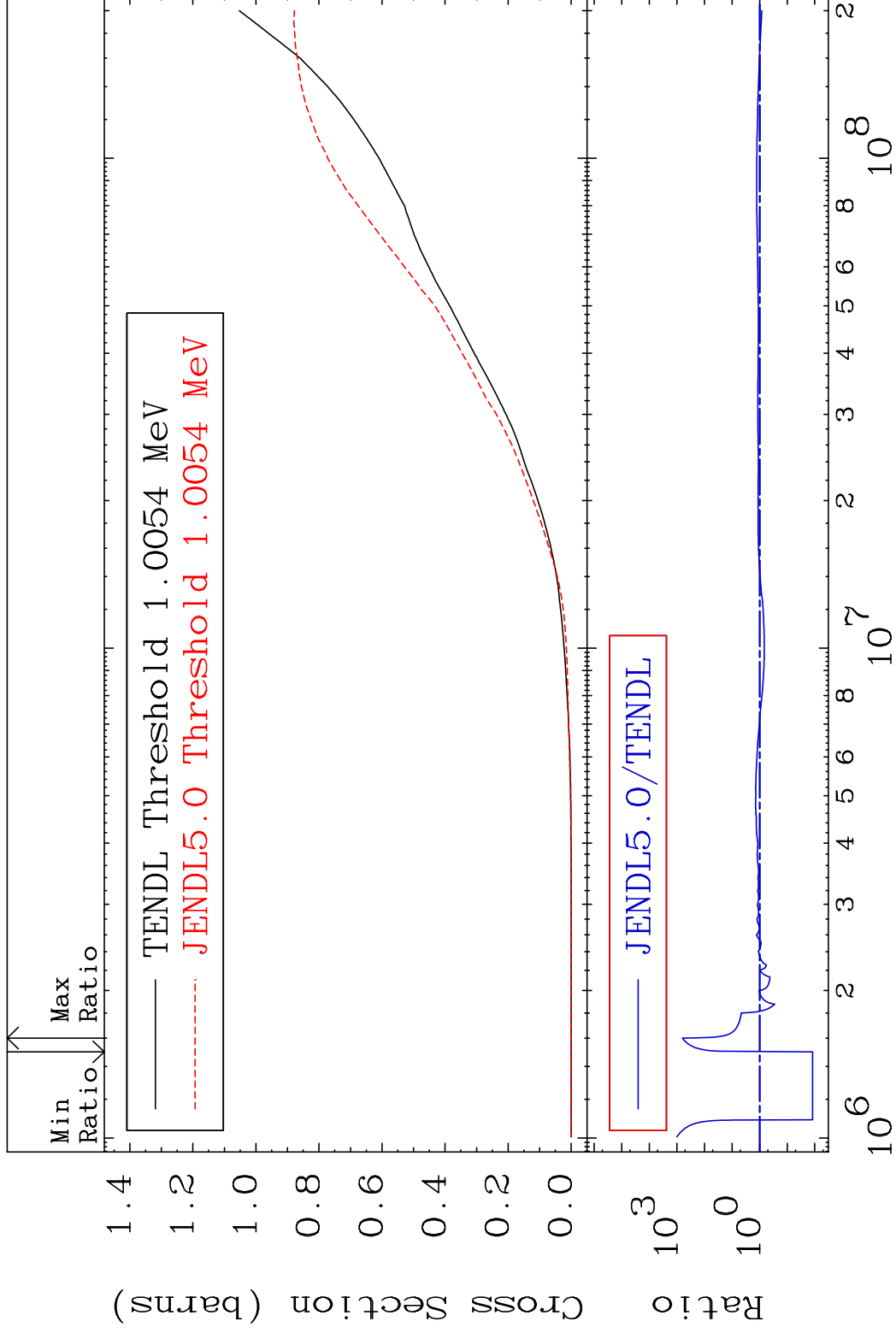
38-Sr-86

MAT 3831

Hydrogen Production

38-Sr-86

Cross Section -98.80 To 9999. %

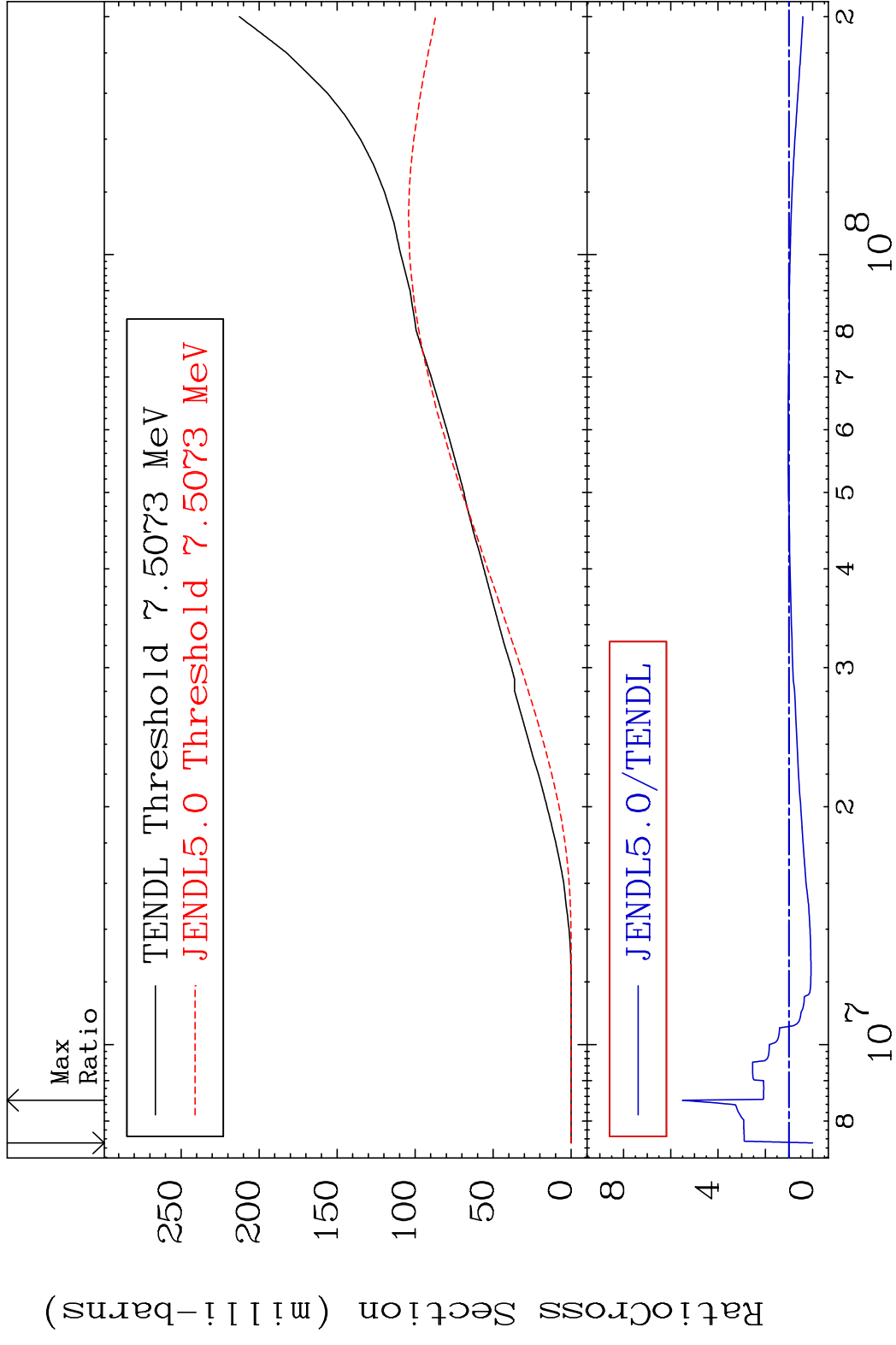


45

Incident Energy (eV)

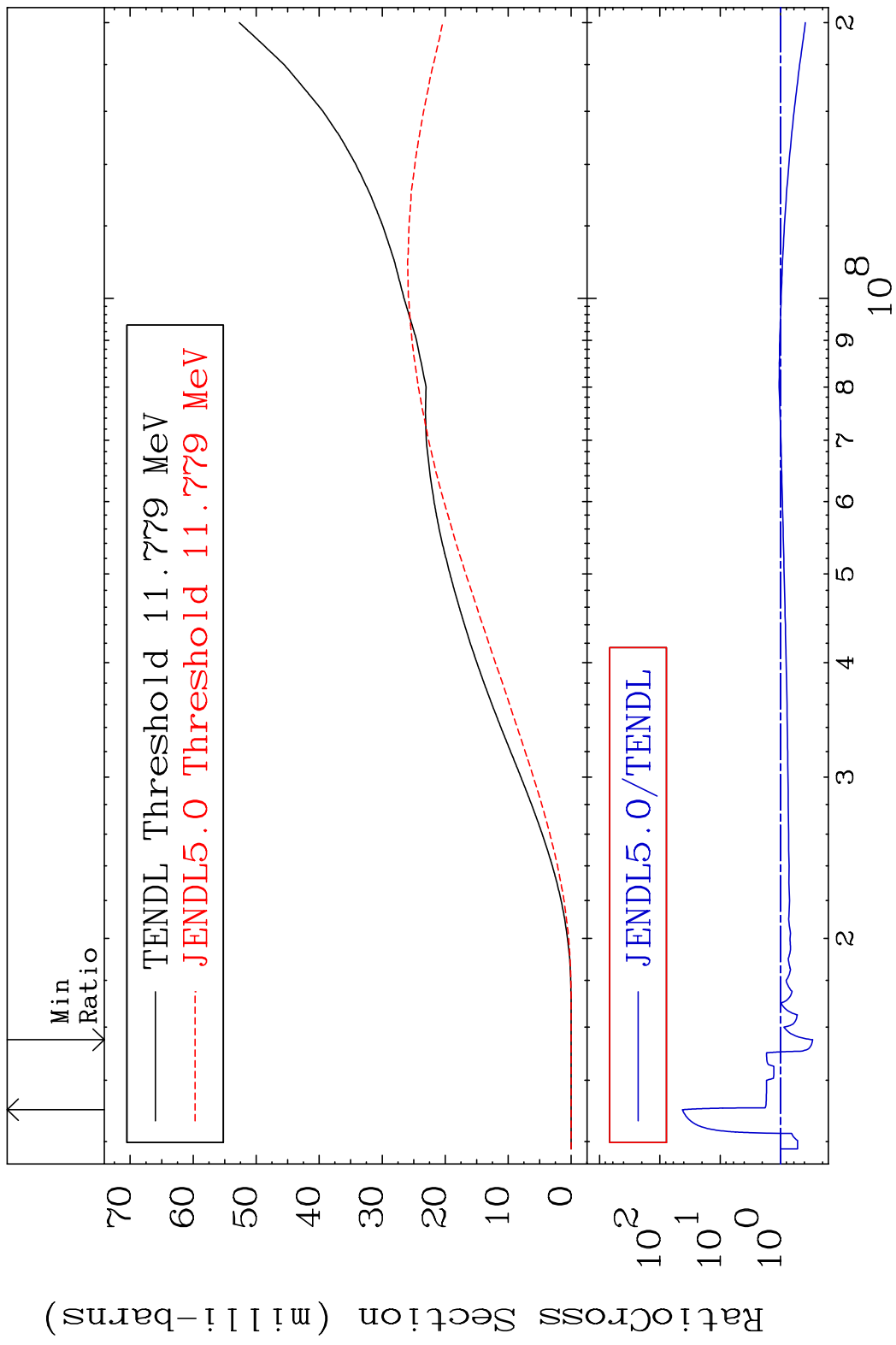
38-Sr-86

MAT 3831 Deuterium Production 38-Sr-86  
 Cross Section -100.0 To 451.0 %



46 Incident Energy (eV) 38-Sr-86

MAT 3831 Tritium Production 38-Sr-86  
 Cross Section -70.62 To 4136. %



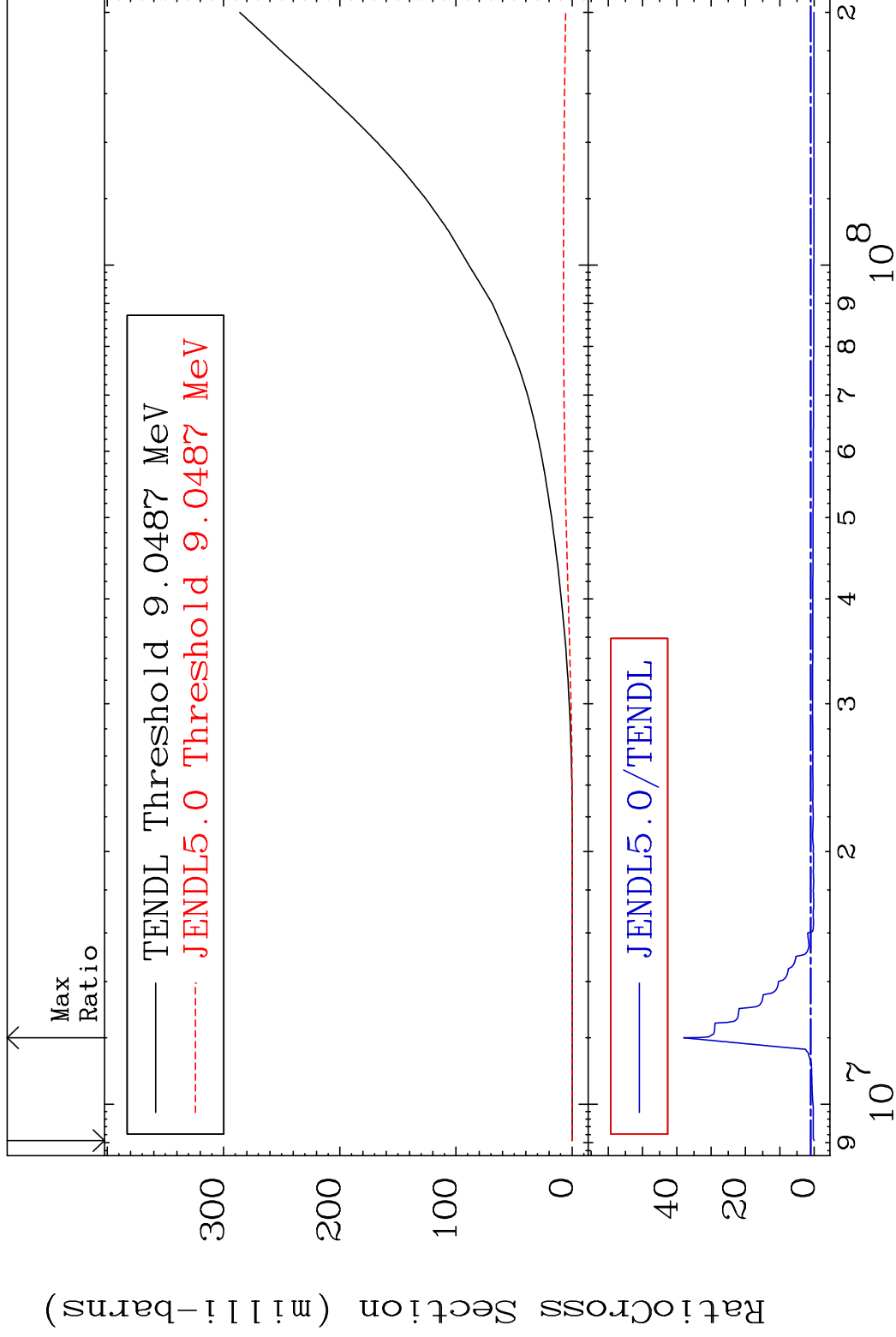


MAT 3831

He-3 Production

38-Sr-86

Cross Section -100.0 To 3702. %



48

Incident Energy (eV)

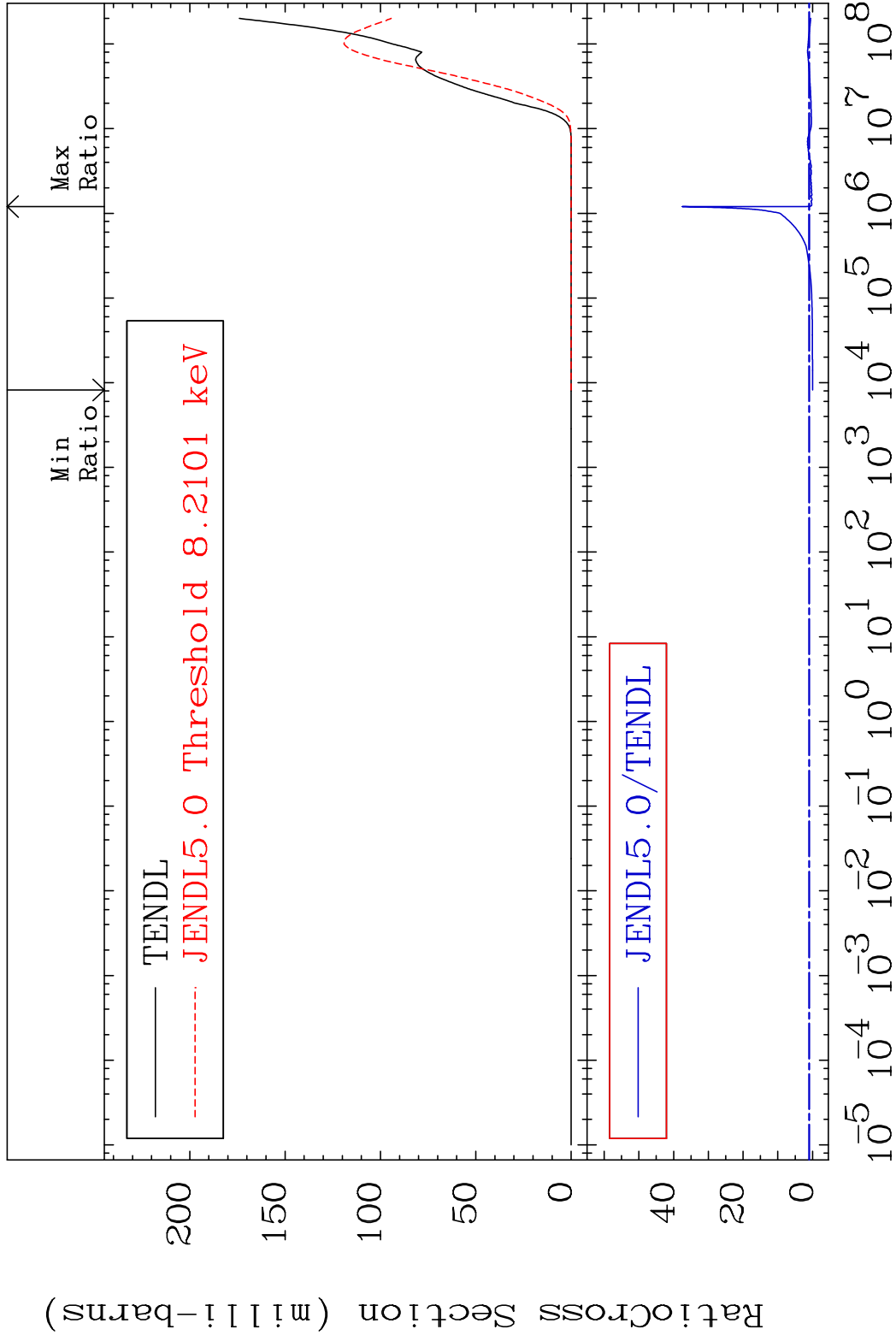
38-Sr-86

MAT 3831

He-4 Production

38-Sr-86

Cross Section -100.0 To 3649. %

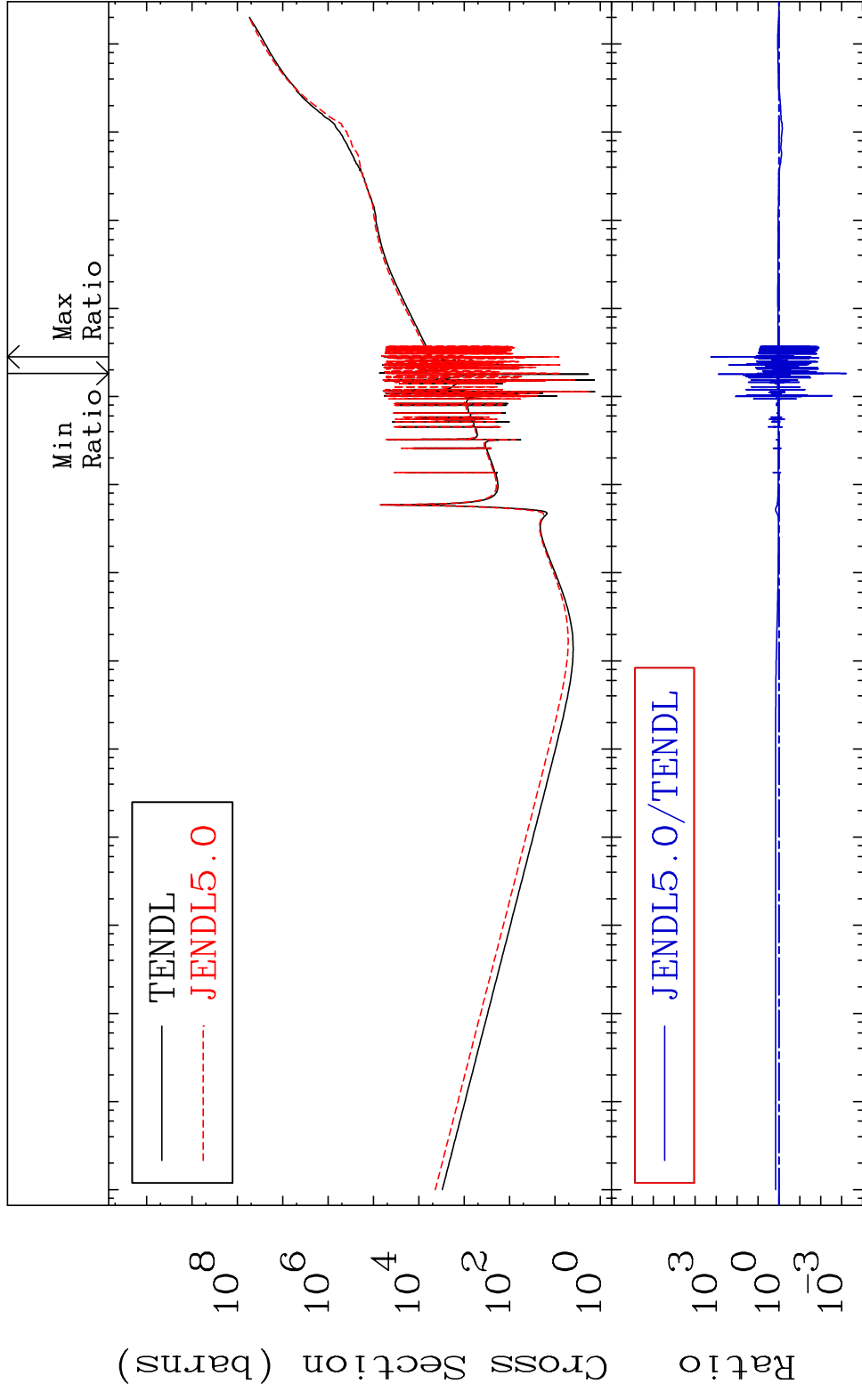


49

Incident Energy (eV)

38-Sr-86

MAT 3831 Kerma total (eV-barns) 38-Sr-86  
 Cross Section -99.94 To 9999. %

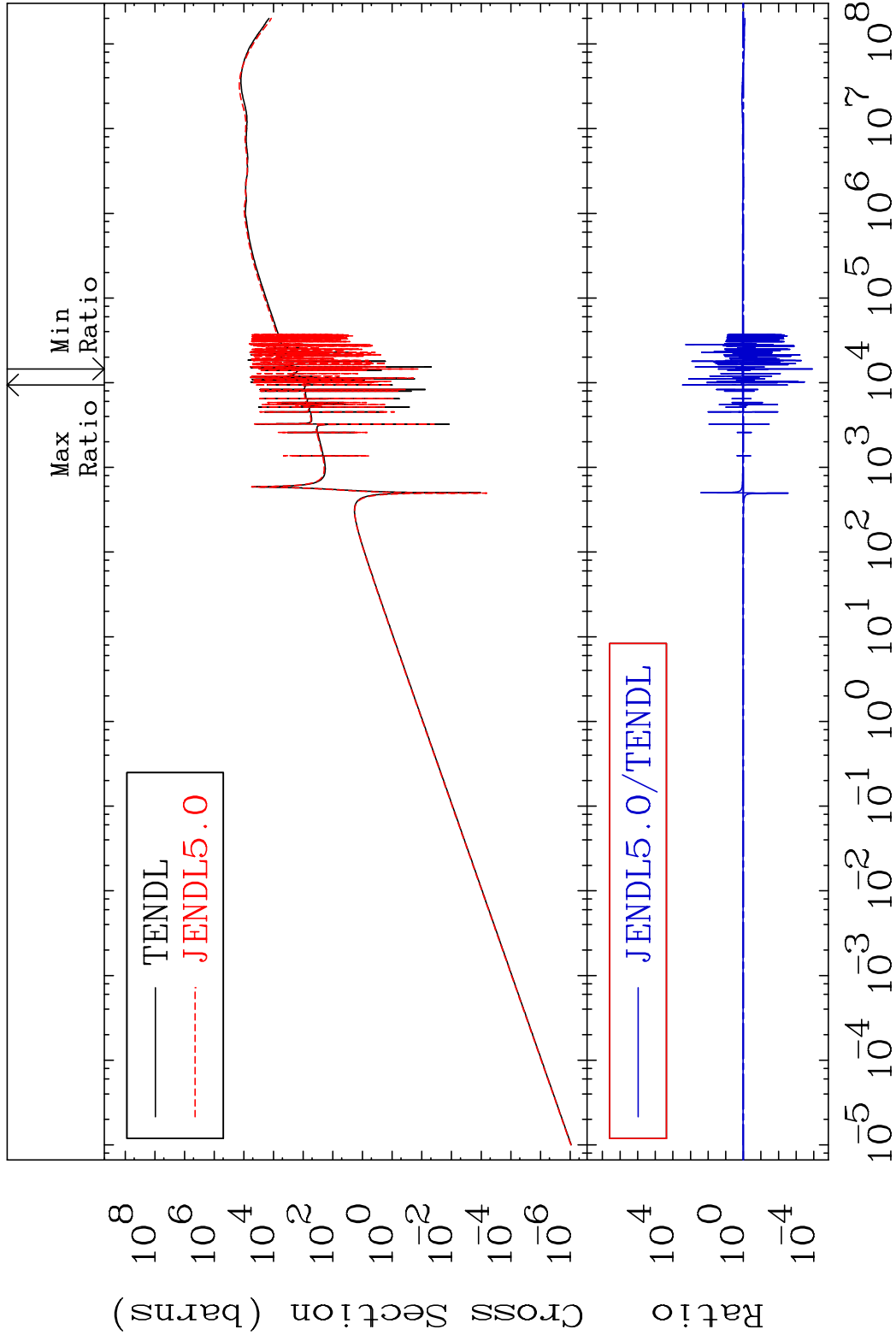


50 Incident Energy (eV) 38-Sr-86

MAT 3831

Kerma elastic  
Cross Section

38-Sr-86  
-99.99 To 9999. %

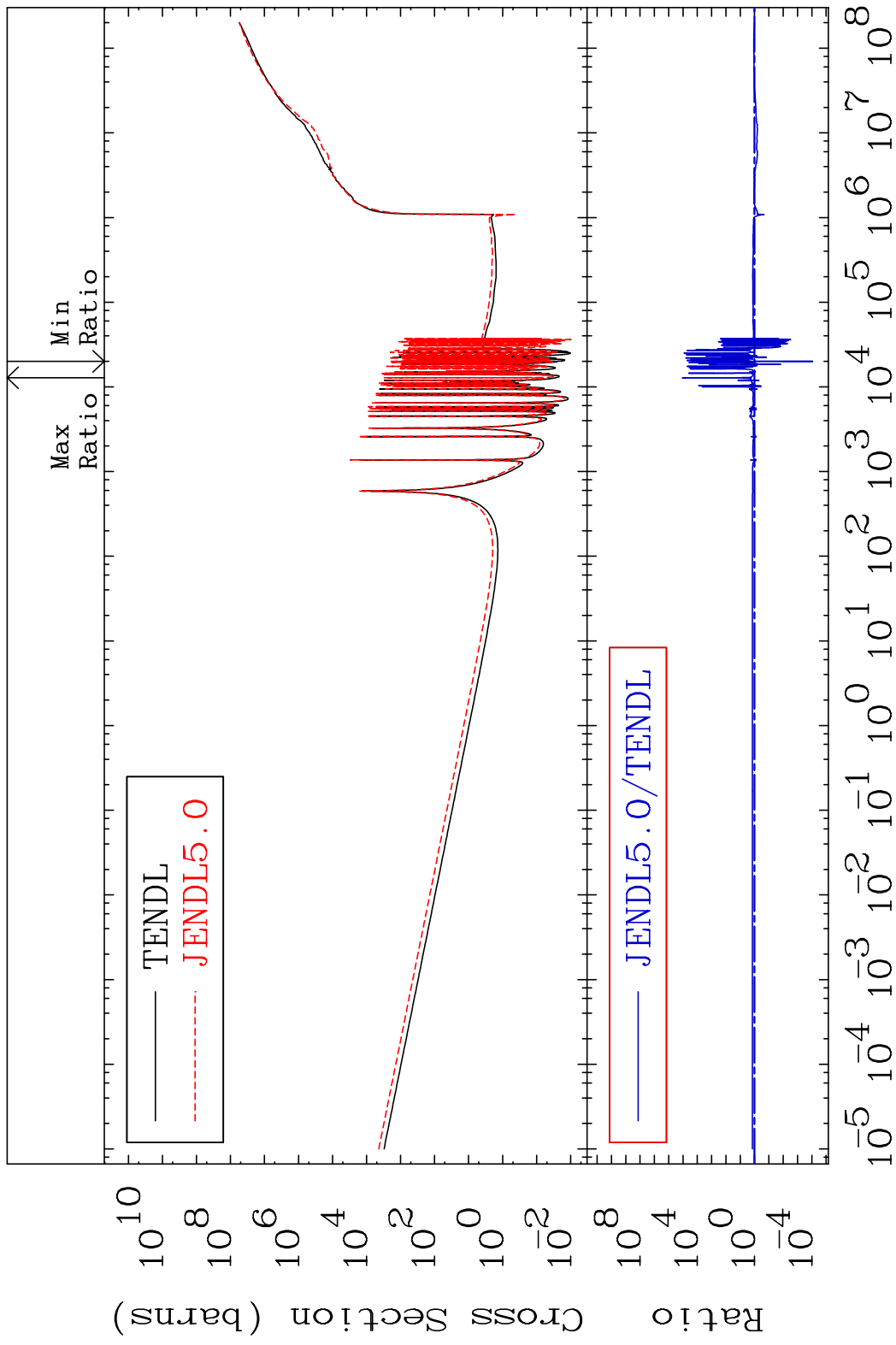


51

Incident Energy (eV)

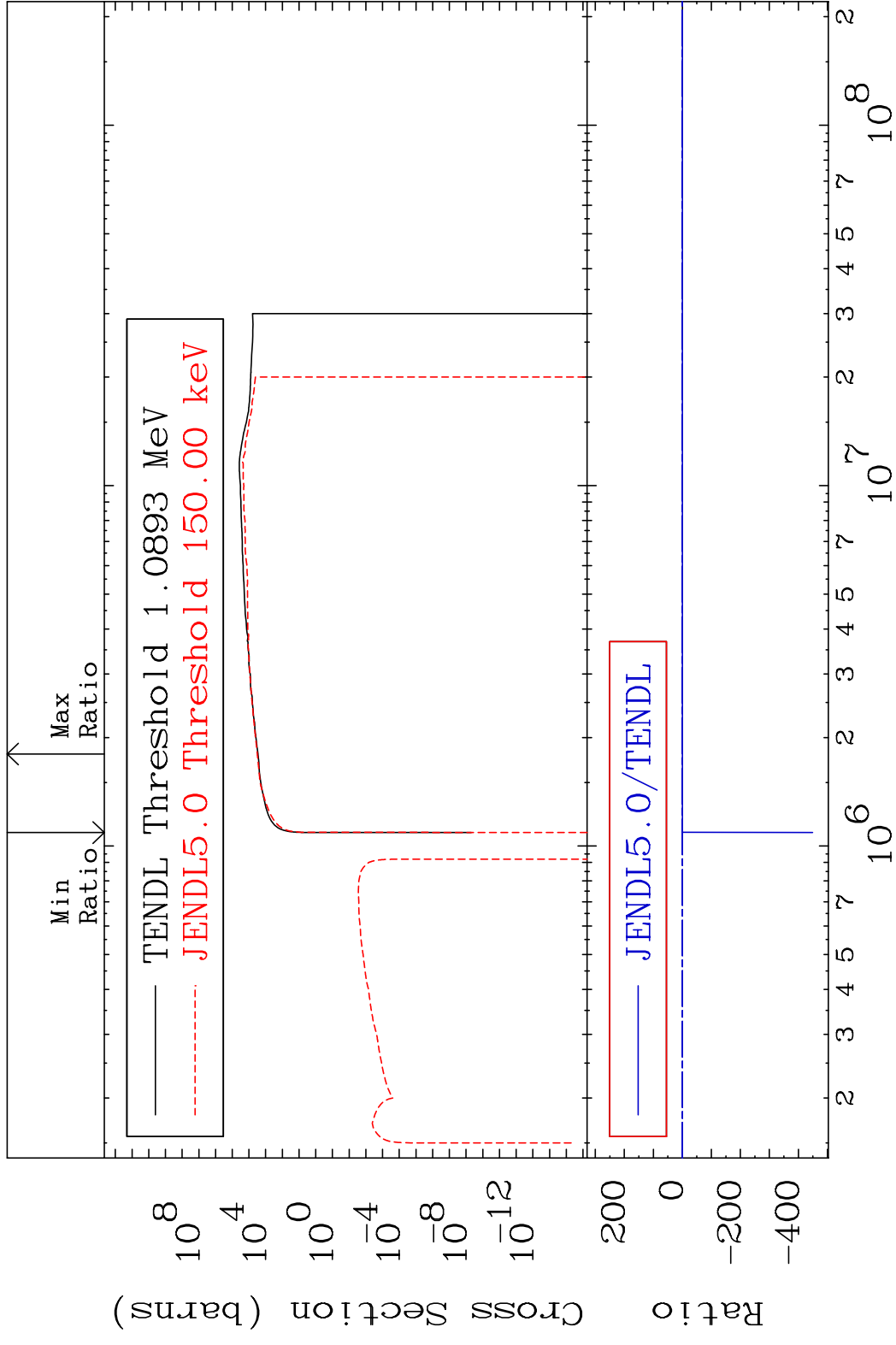
38-Sr-86

MAT 3831 Kerma non-elastic (all but mt2) 38-Sr-86  
 Cross Section -99.99 To 9999. %

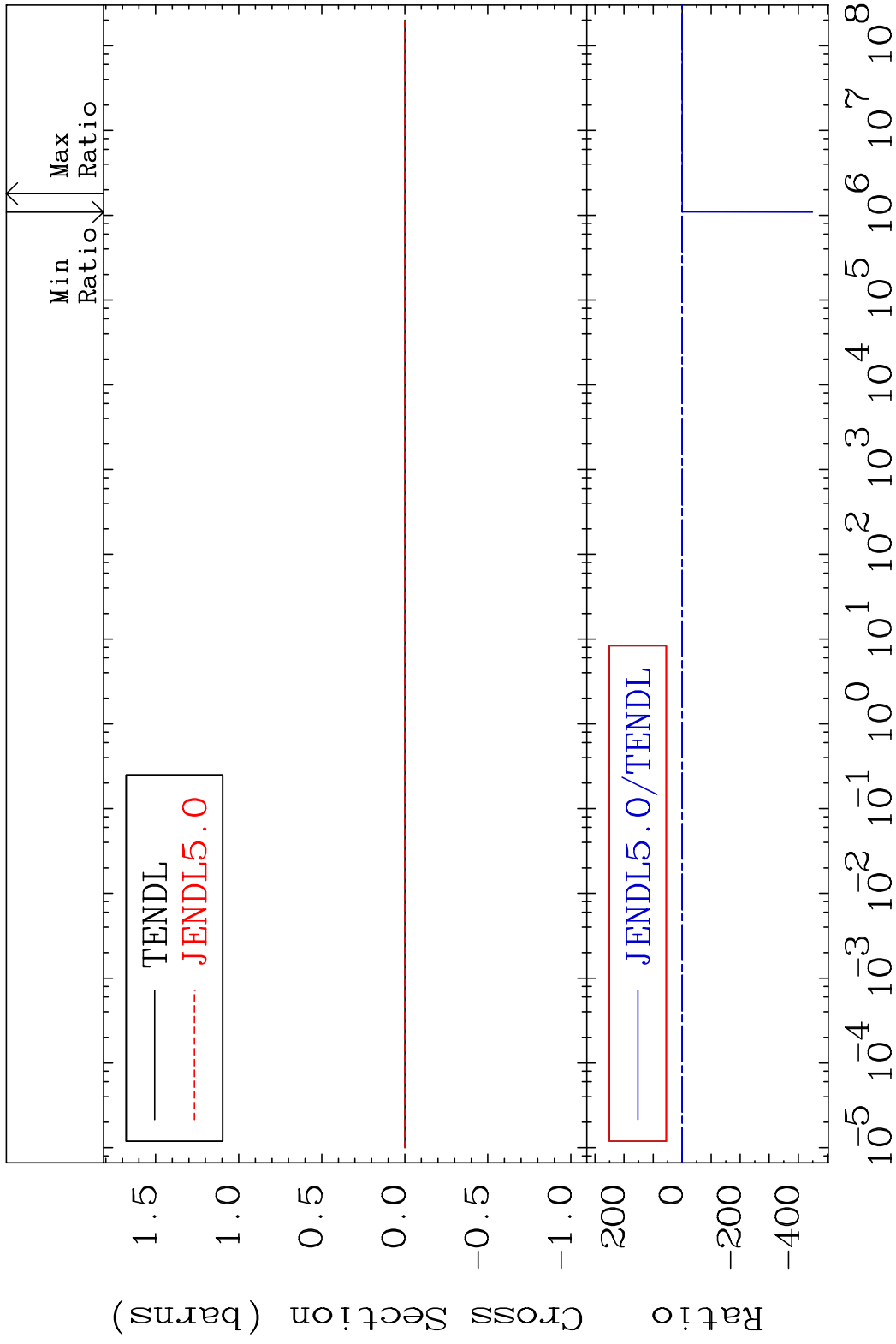


52 Incident Energy (eV) 38-Sr-86

MAT 3831 Kerma inelastic (mt51-91) 38-Sr-86  
 Cross Section -9999. To 10.29 %



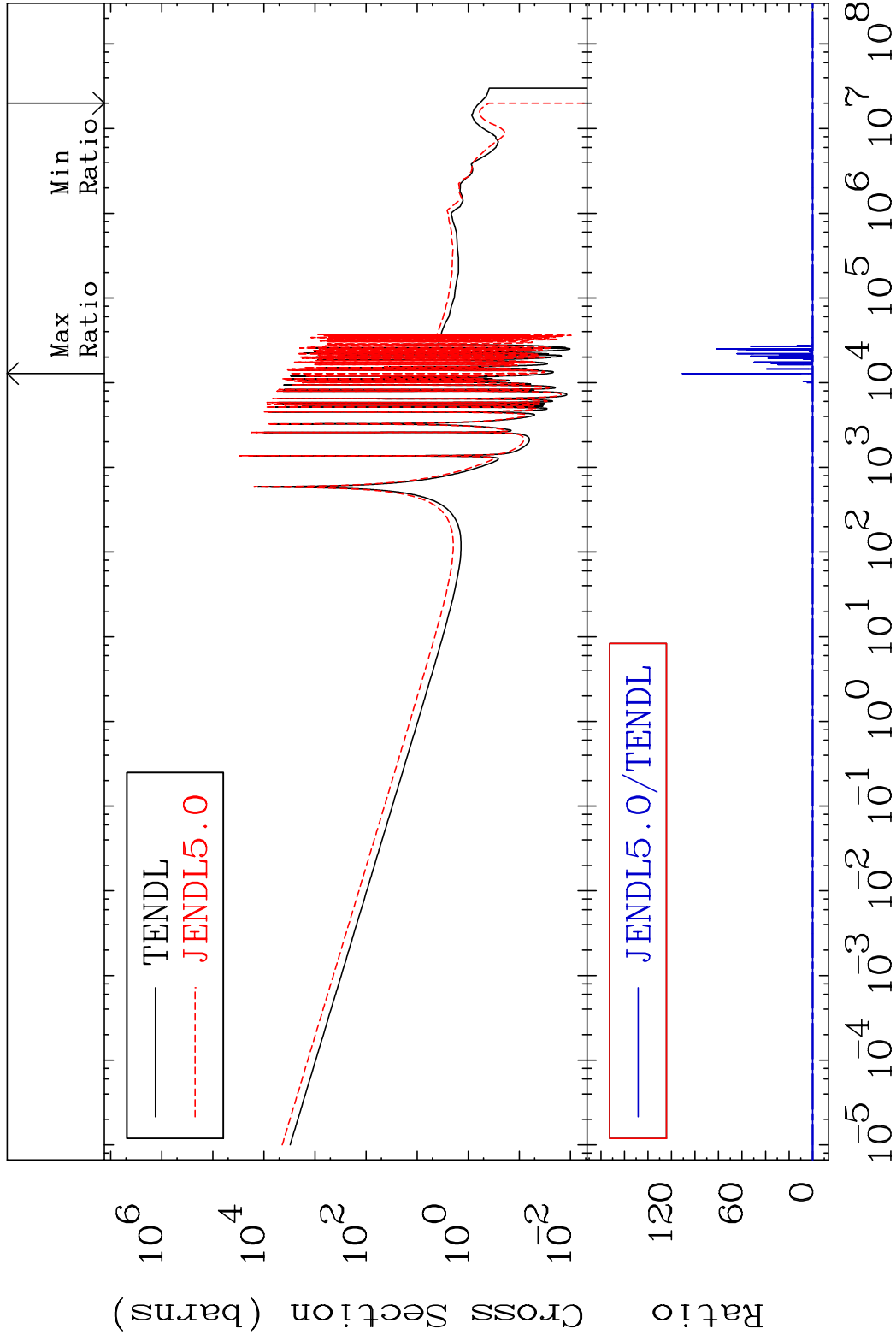
MAT 3831 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-86  
 Cross Section -9999. To 10.29 %



MAT 3831

Kerma capture (mt102) 38-Sr-86

Cross Section -100.0 To 9999. %



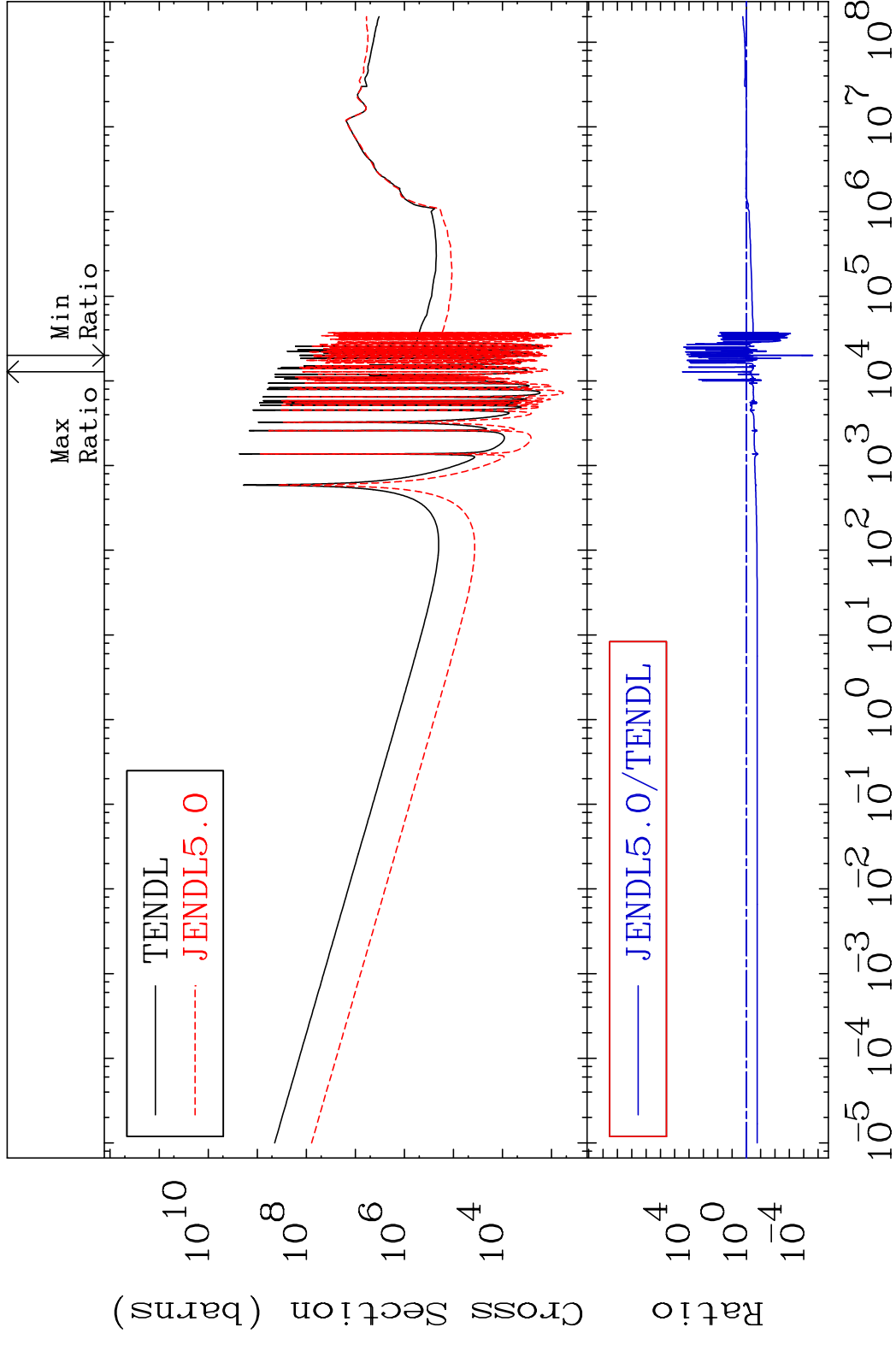
55

Incident Energy (eV)

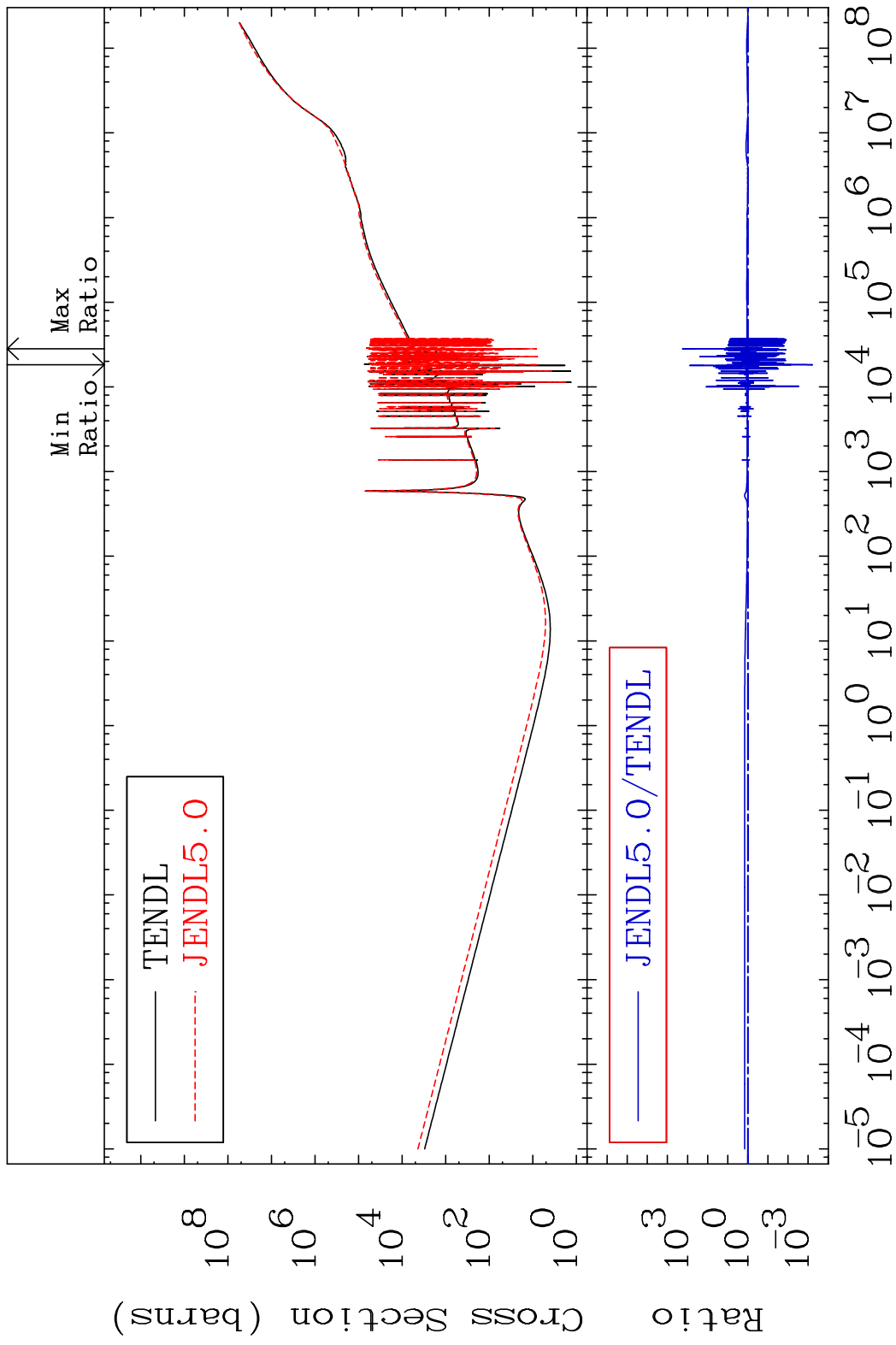
38-Sr-86



MAT 3831 Total photon (eV-barns) 38-Sr-86  
 Cross Section -100.0 To 9999. %



MAT 3831 Total kinematic kerma (high limit) 38-Sr-86  
 Cross Section -99.94 To 9999. %

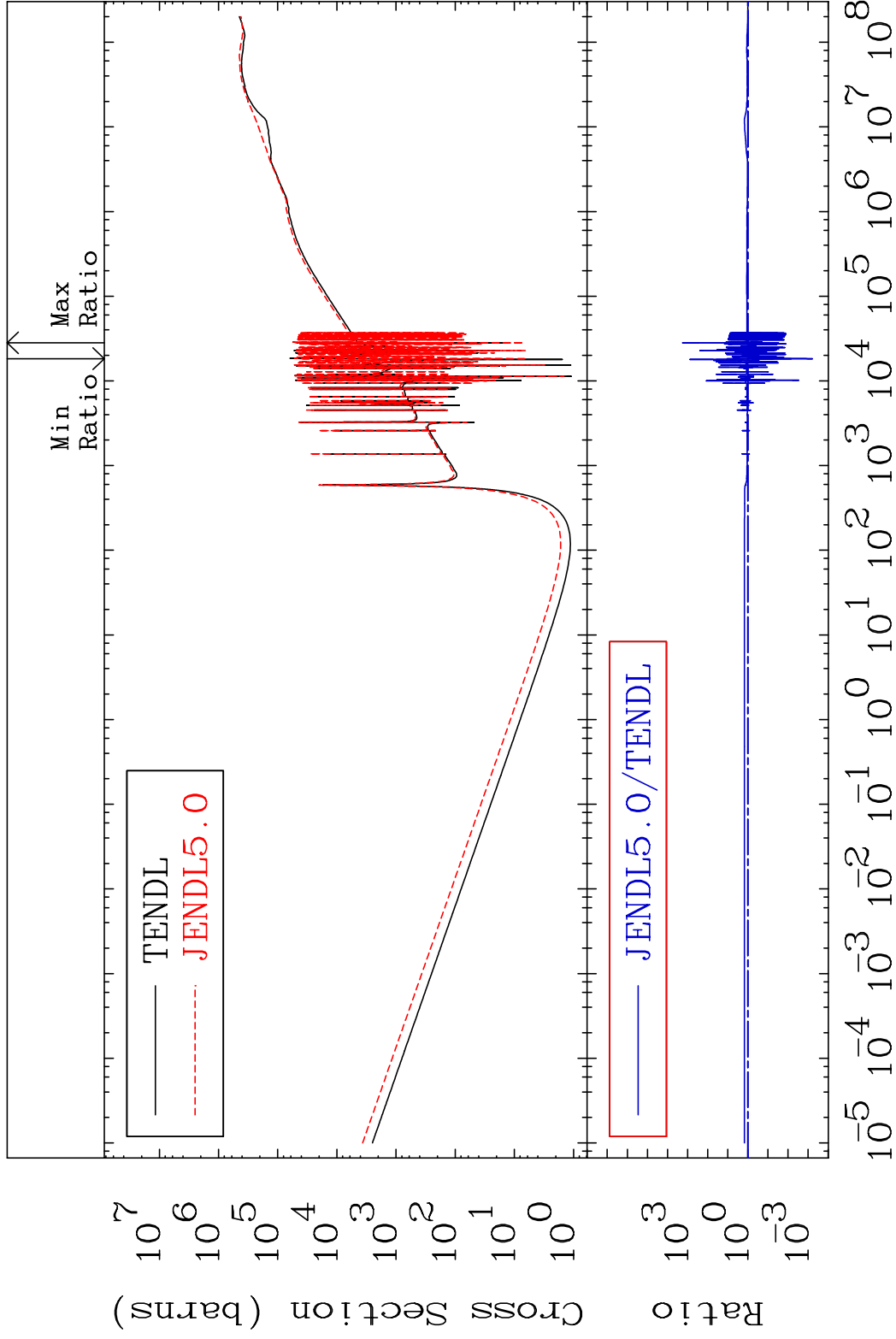


MAT 3831

Dpa total (eV-barns)

38-Sr-86

Cross Section -99.94 To 9999. %



58

Incident Energy (eV)

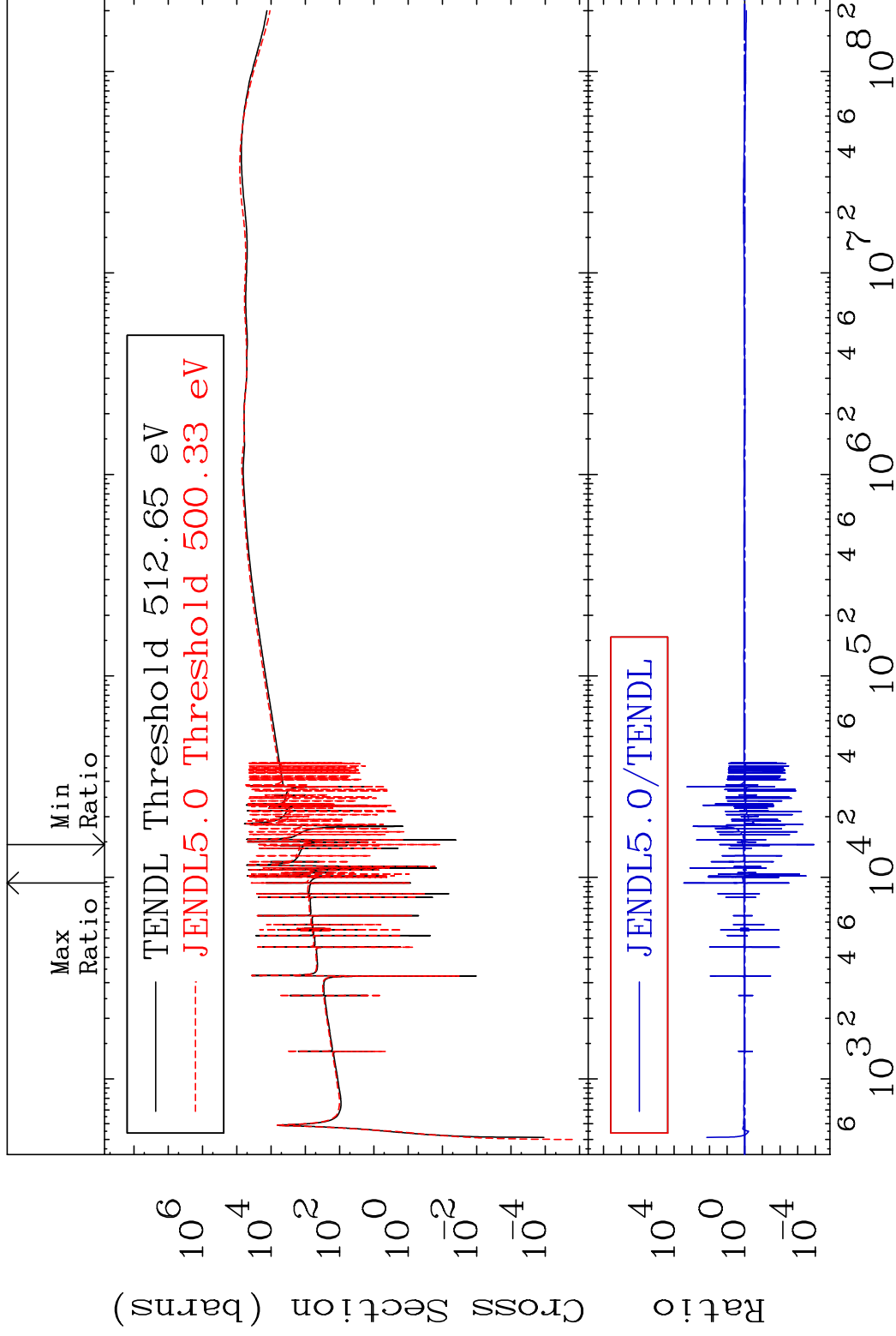
38-Sr-86

MAT 3831

Dpa elastic (mt2)

38-Sr-86

Cross Section -99.99 To 9999. %

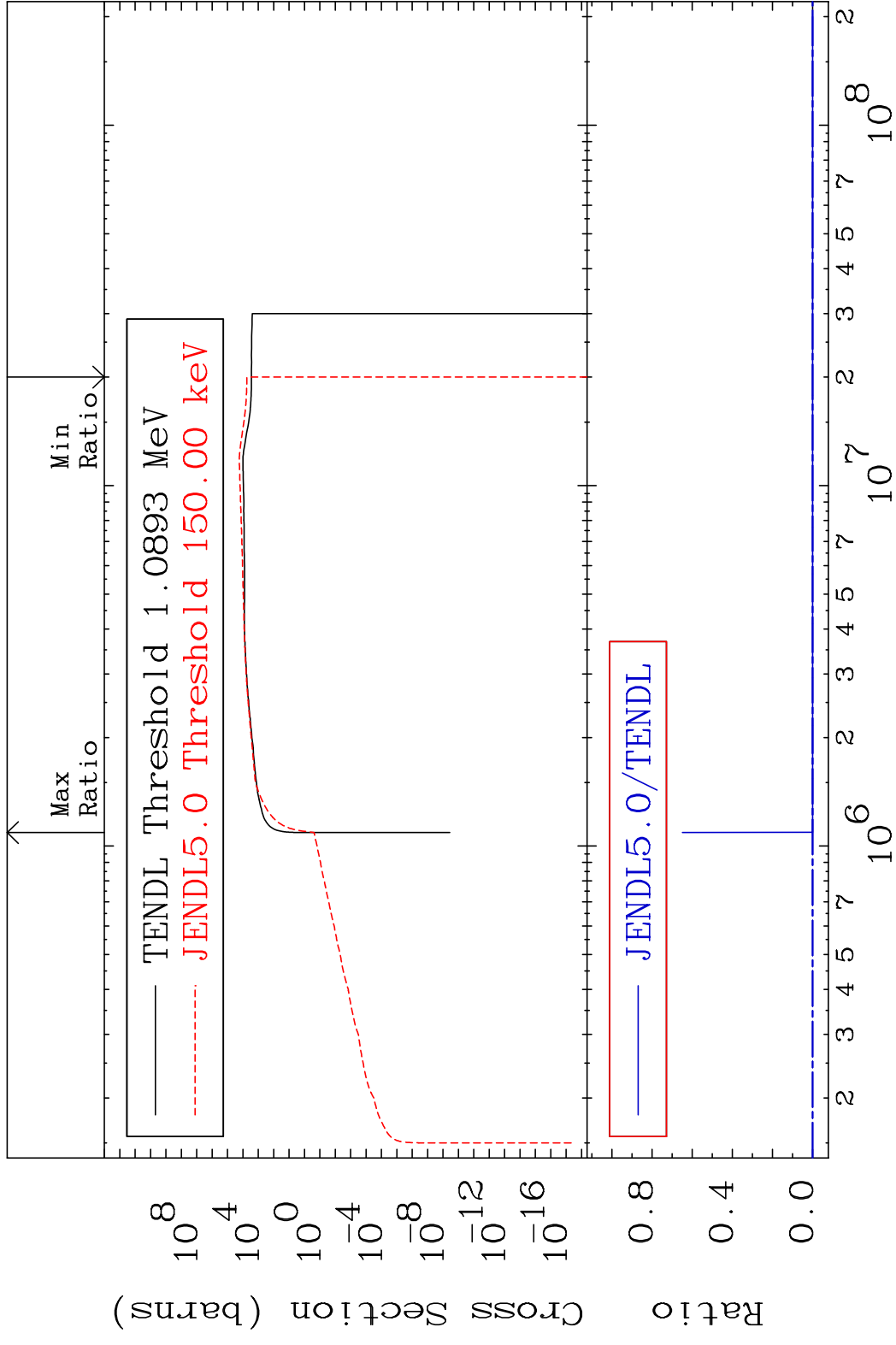


59

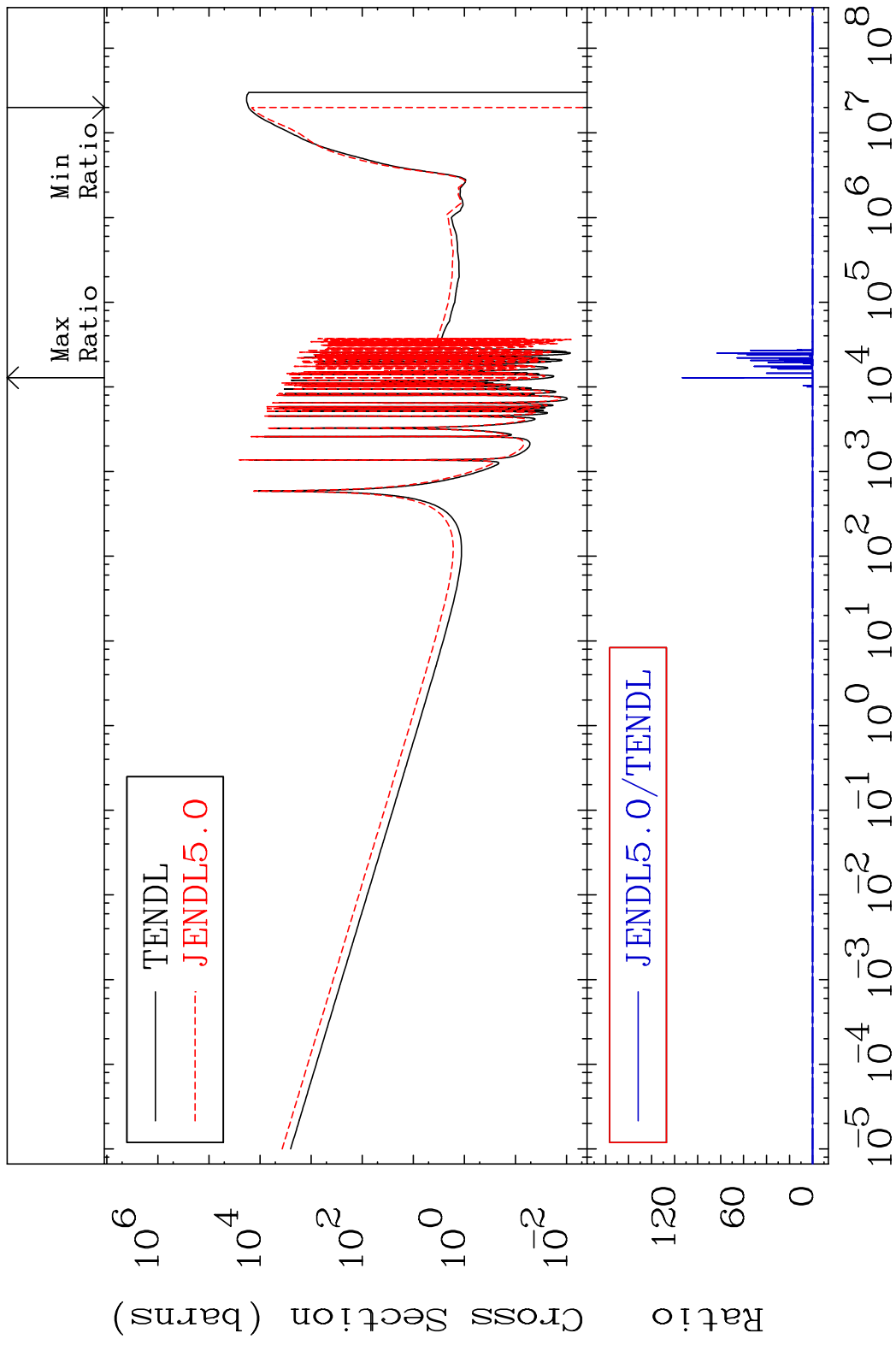
Incident Energy (eV)

38-Sr-86

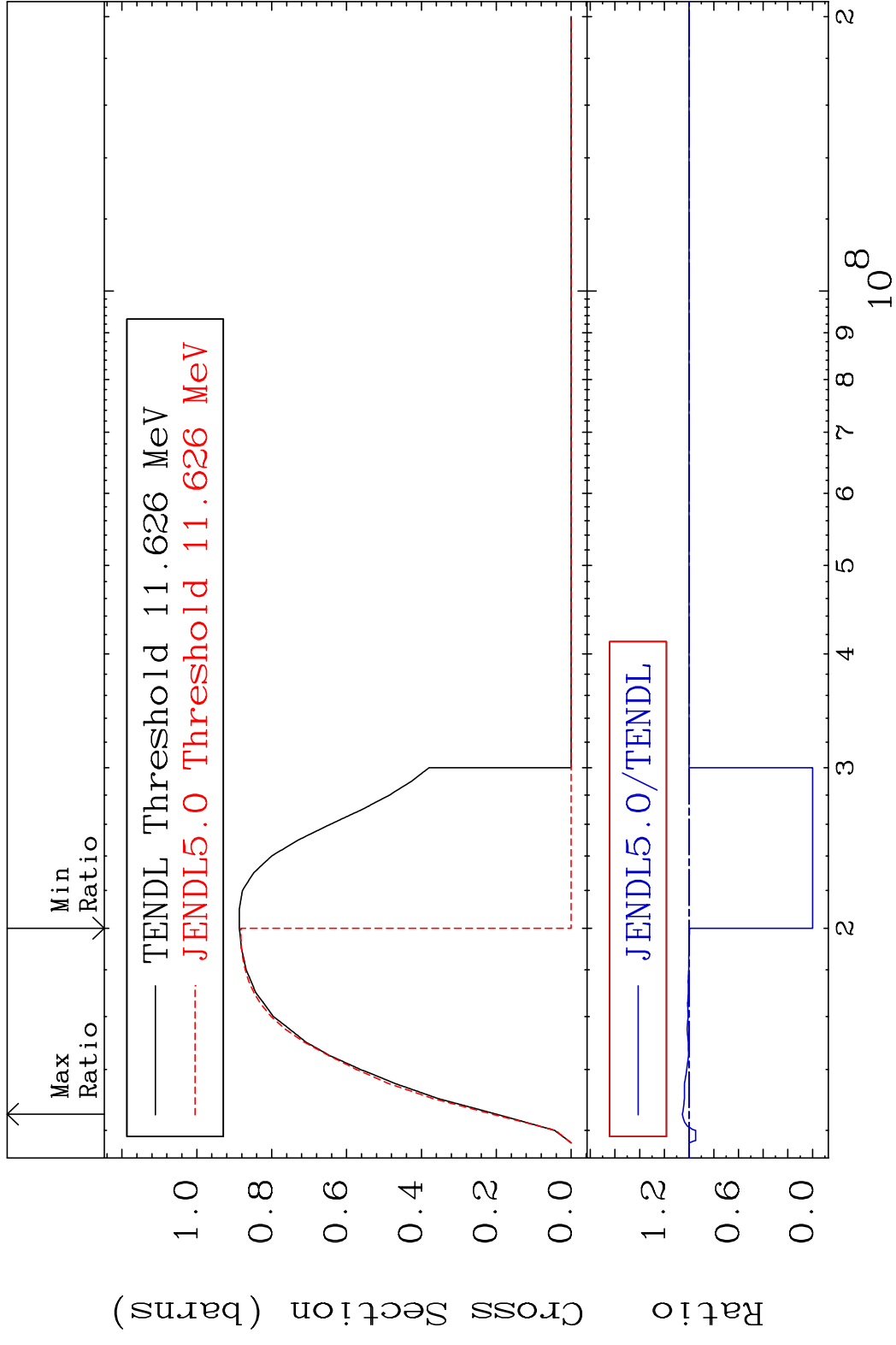
MAT 3831 Dpa inelastic (mt51-91) 38-Sr-86  
 Cross Section -100.0 To 9999. %



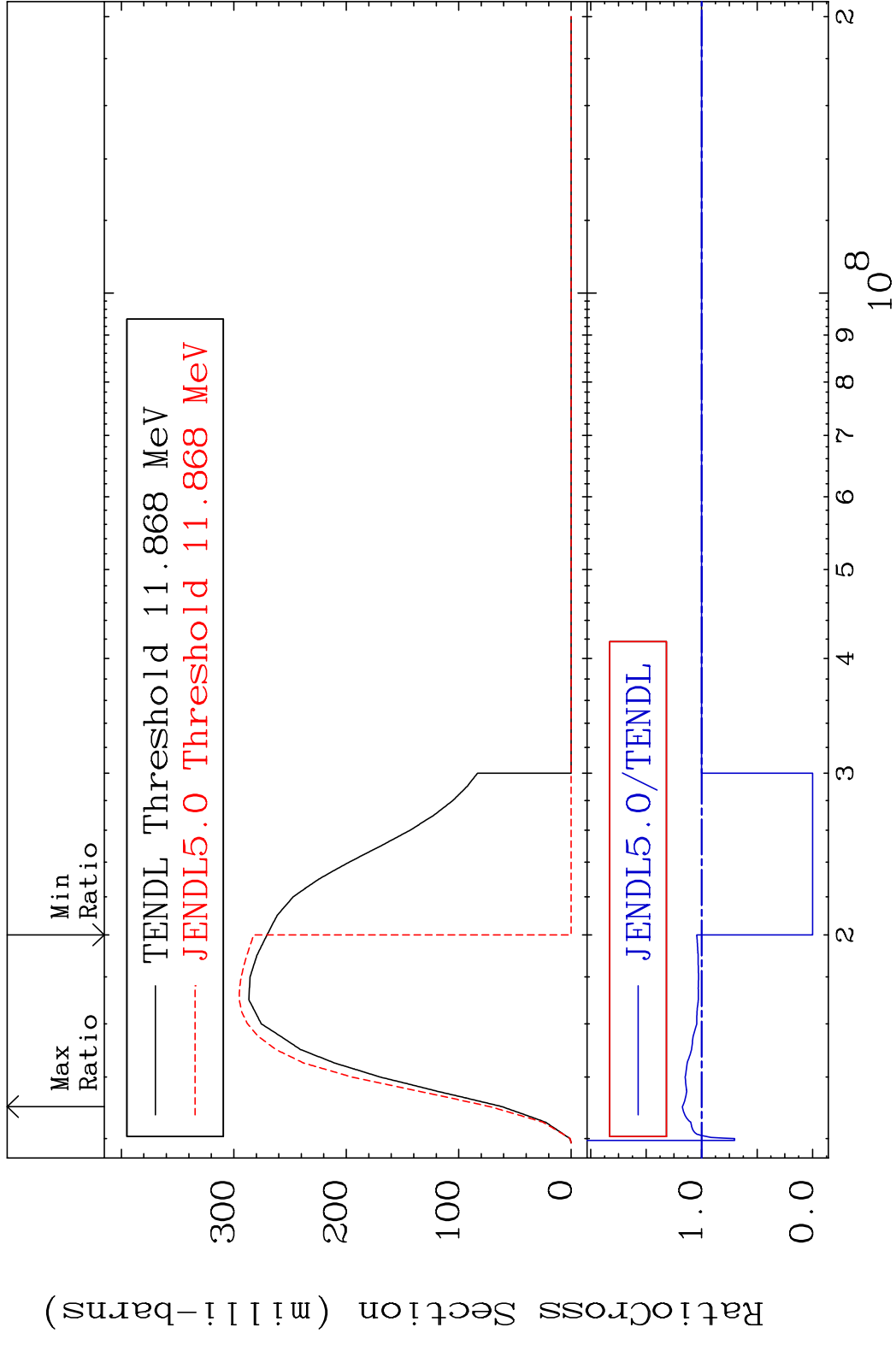
MAT 3831 Dpa disappearance (mt102 -120) 38-Sr-86  
 Cross Section -100.0 To 9999. %



MAT 3831 (n,2n):38-Sr-85g 38-Sr-86  
 Radionuclide Production Cross Section 1800 dth 5.417 %

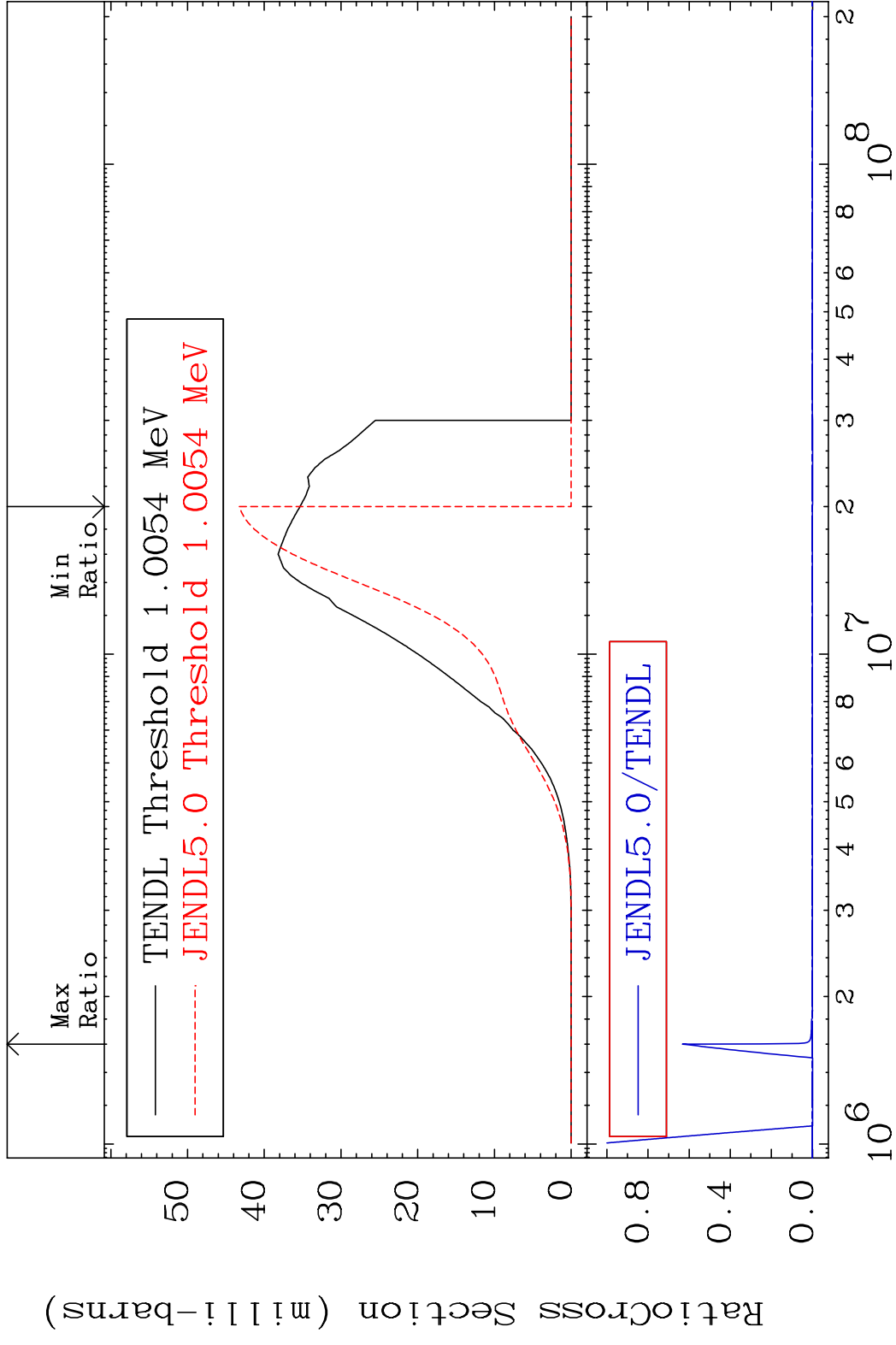


MAT 3831 (n,2n):38-Sr-85m2 38-Sr-86  
 Radionuclide Production Cross Section 180.0 mb 17.40 %

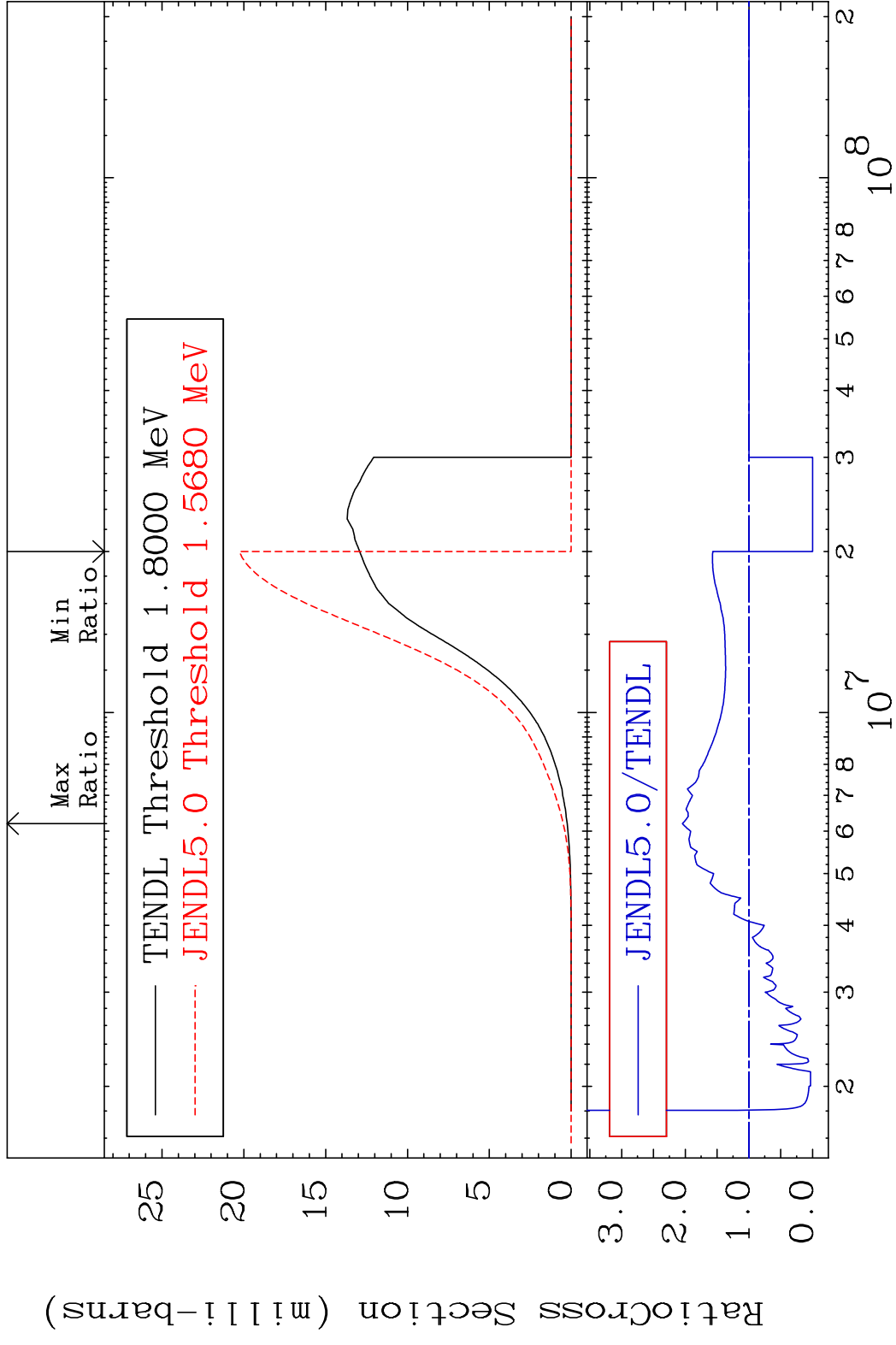


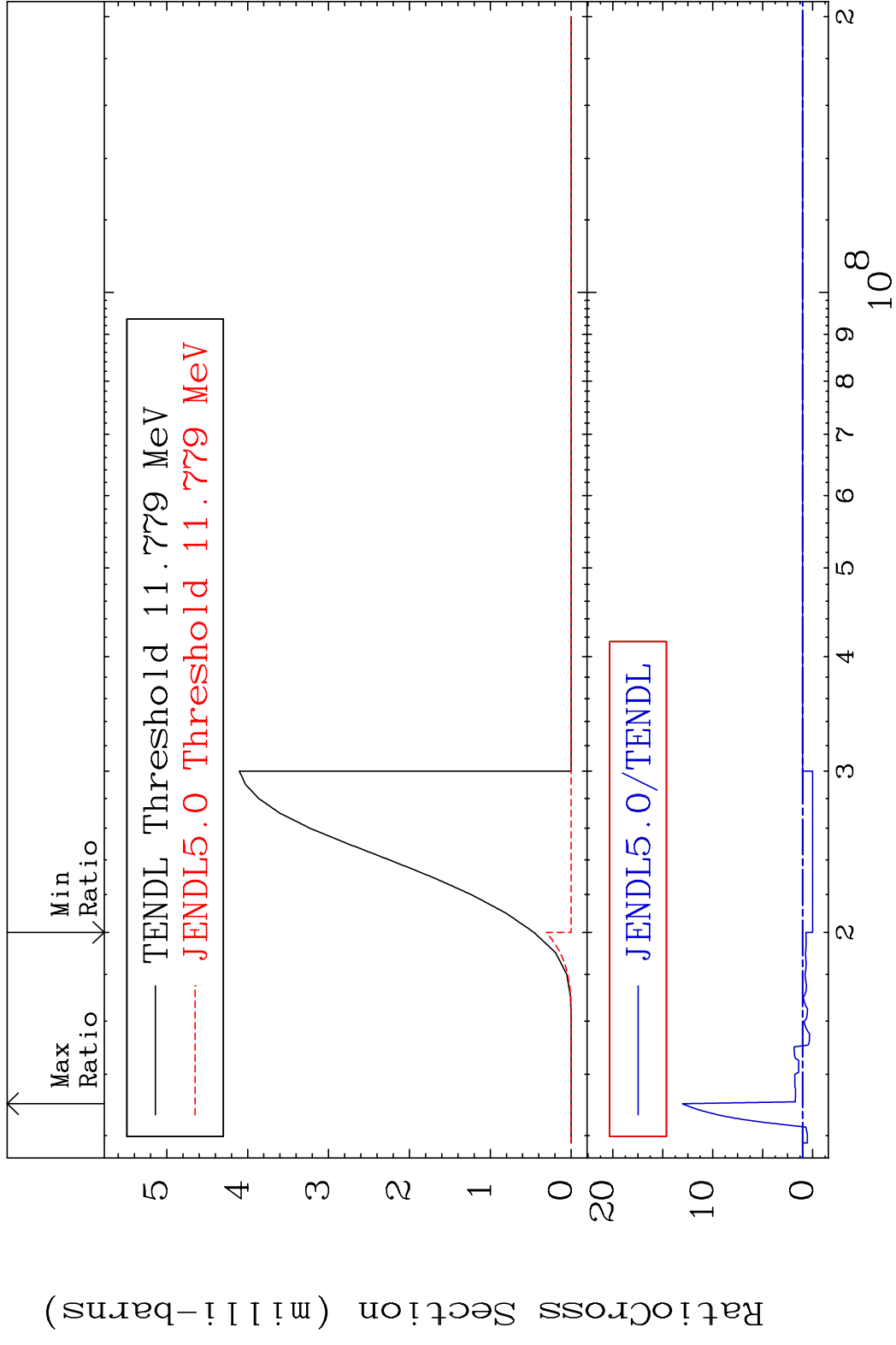


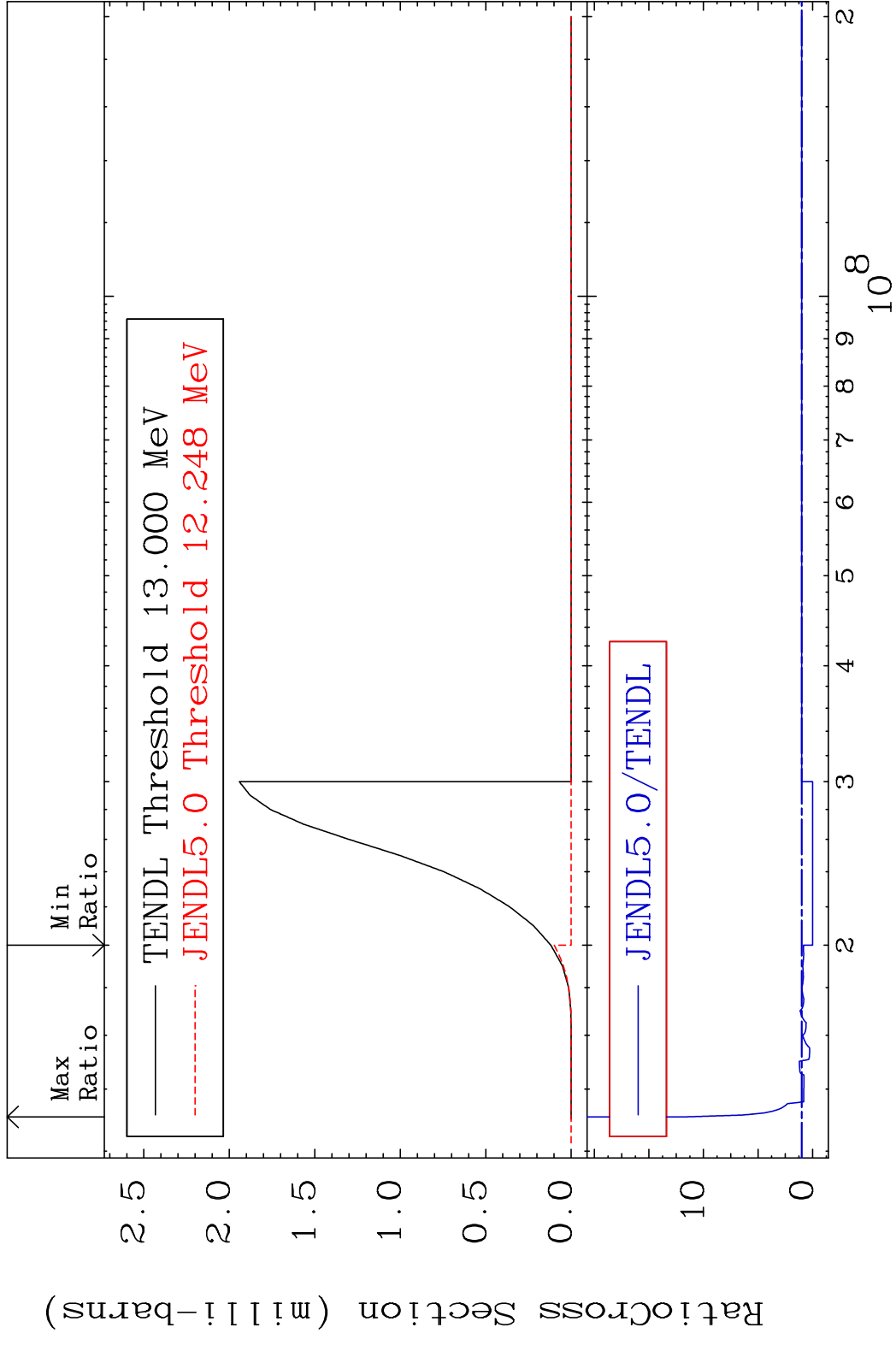
MAT 3831 (n,p):37-Rb-86g 38-Sr-86  
 Radionuclide Production Cross Section Ratio 9999. %



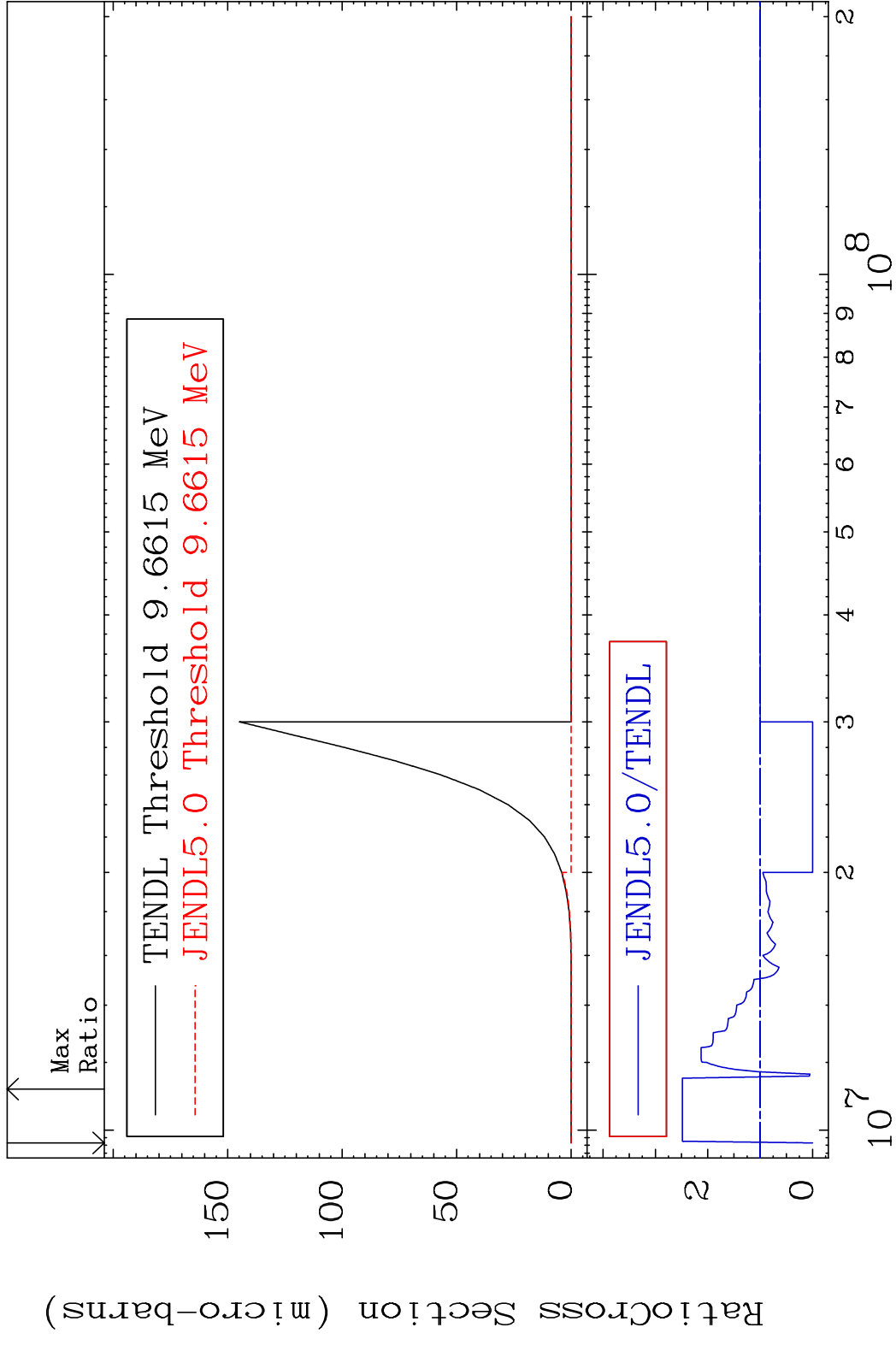
64 Incident Energy (eV) 38-Sr-86



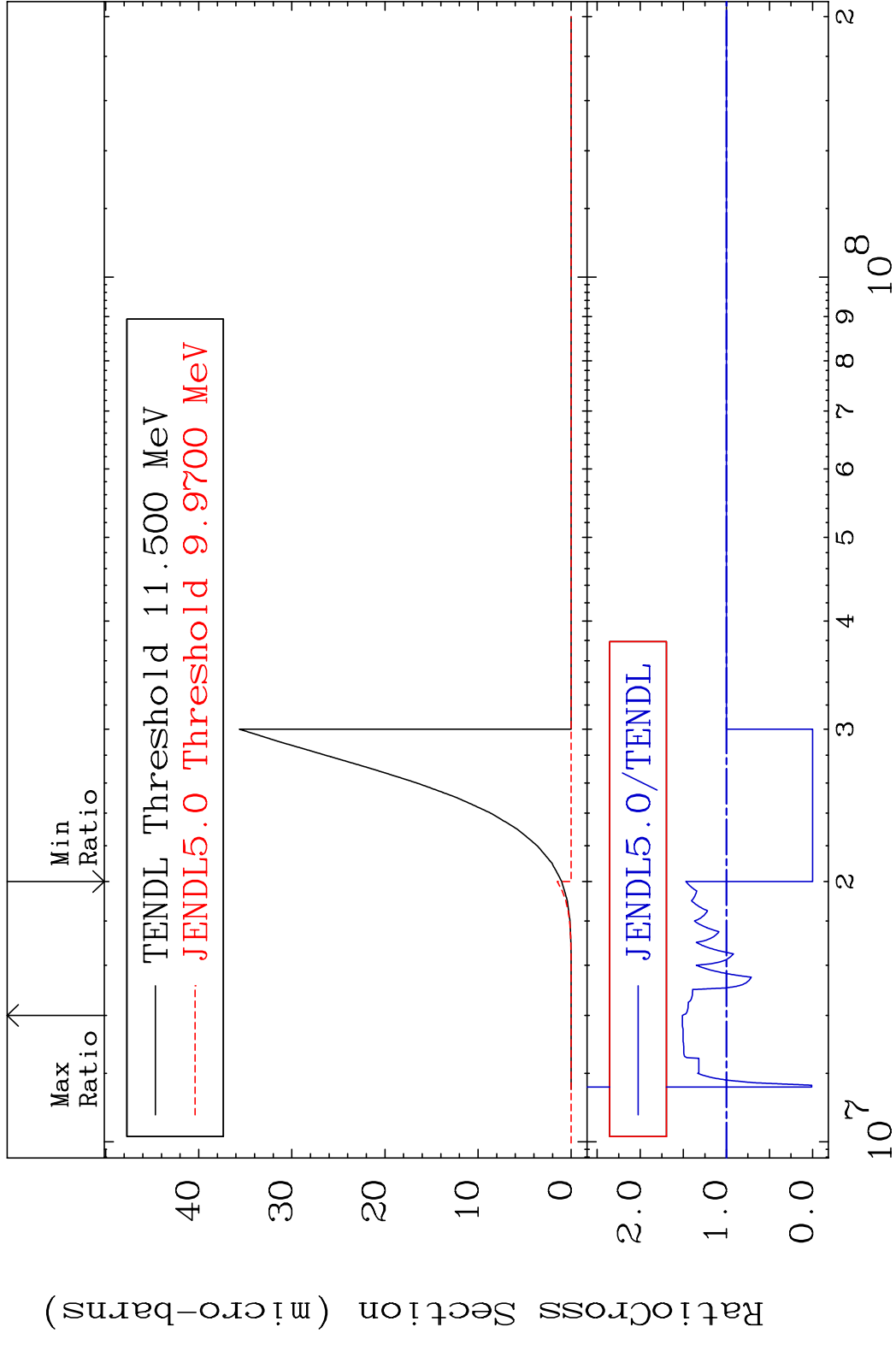




MAT 3831 (n,2p):36-Kr-85g 38-Sr-86  
 Radionuclide Production Cross Section 148.5 %



MAT 3831 (n,2p):36-Kr-85m1 38-Sr-86  
 Radionuclide Production Cross Section 51.16 %

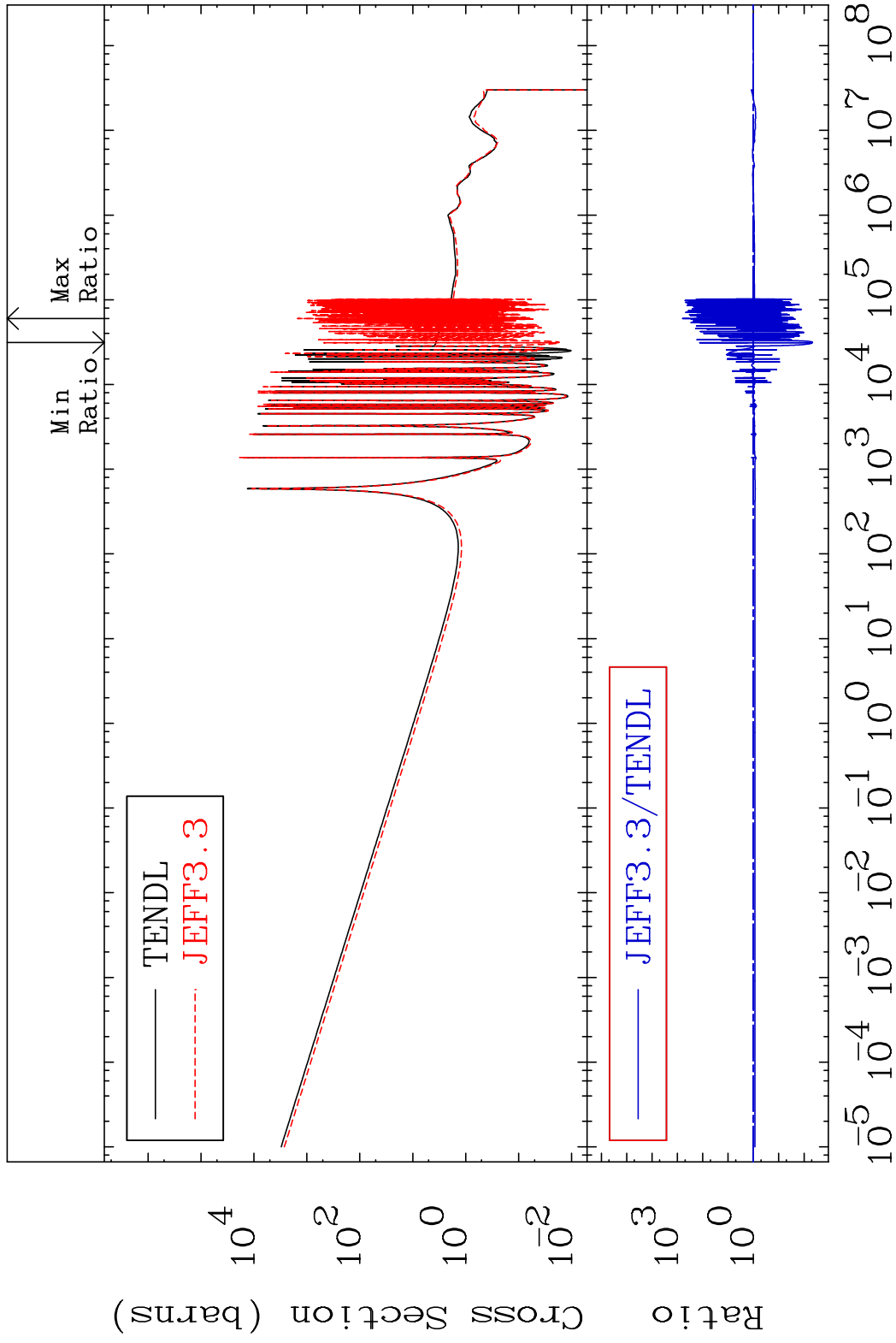


MAT 3831

Kerma capture (mt102)

38-Sr-86

Cross Section -99.54 To 9999. %

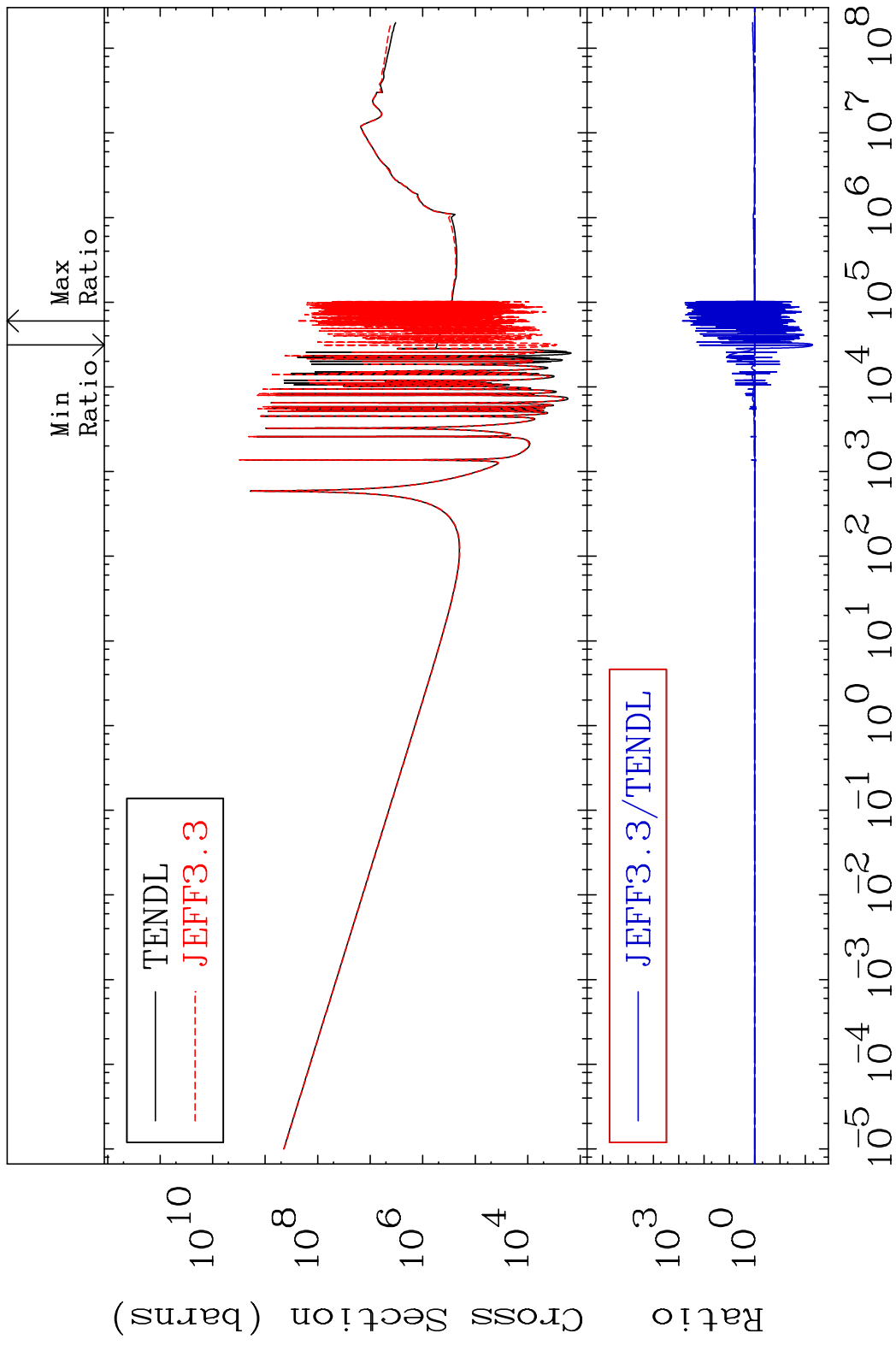


70

Incident Energy (eV)

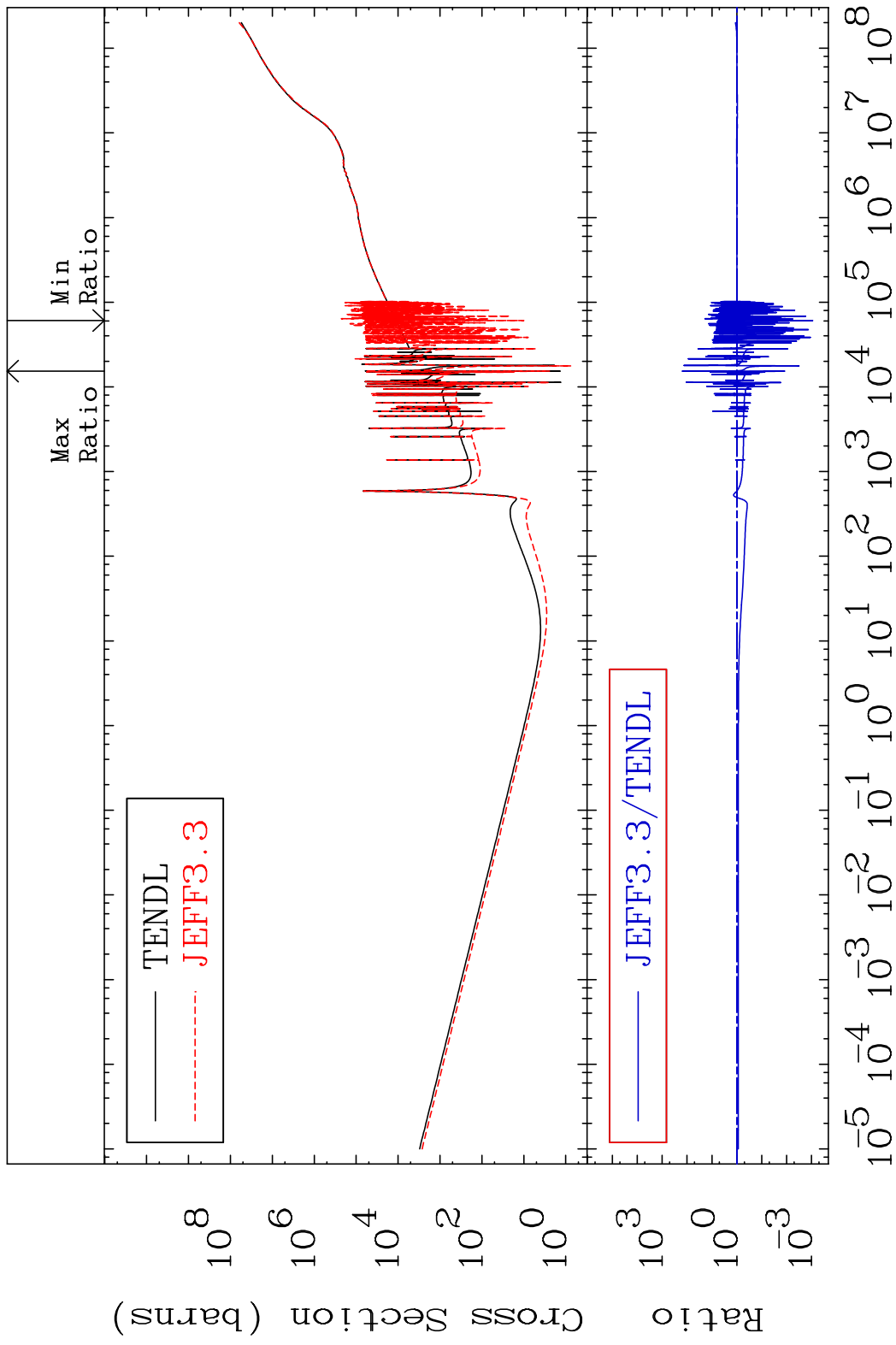
38-Sr-86

MAT 3831 Total photon (eV-barns) 38-Sr-86  
 Cross Section -99.48 To 9999. %





MAT 3831 Total kinematic kerma (high limit) 38-Sr-86  
 Cross Section -99.91 To 9999. %

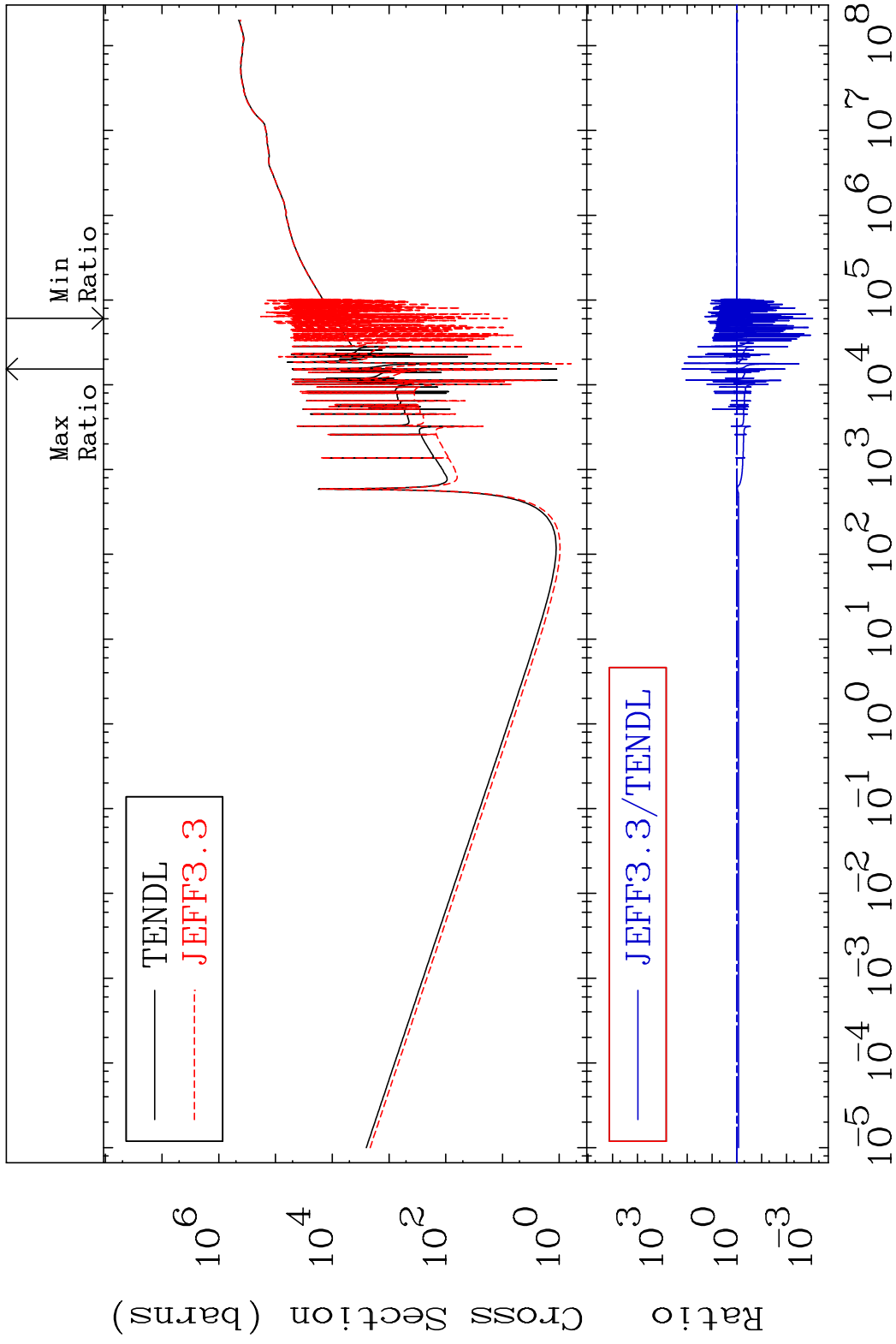


MAT 3831

Dpa total (eV-barns)

38-Sr-86

Cross Section -99.91 To 9999. %



73

Incident Energy (eV)

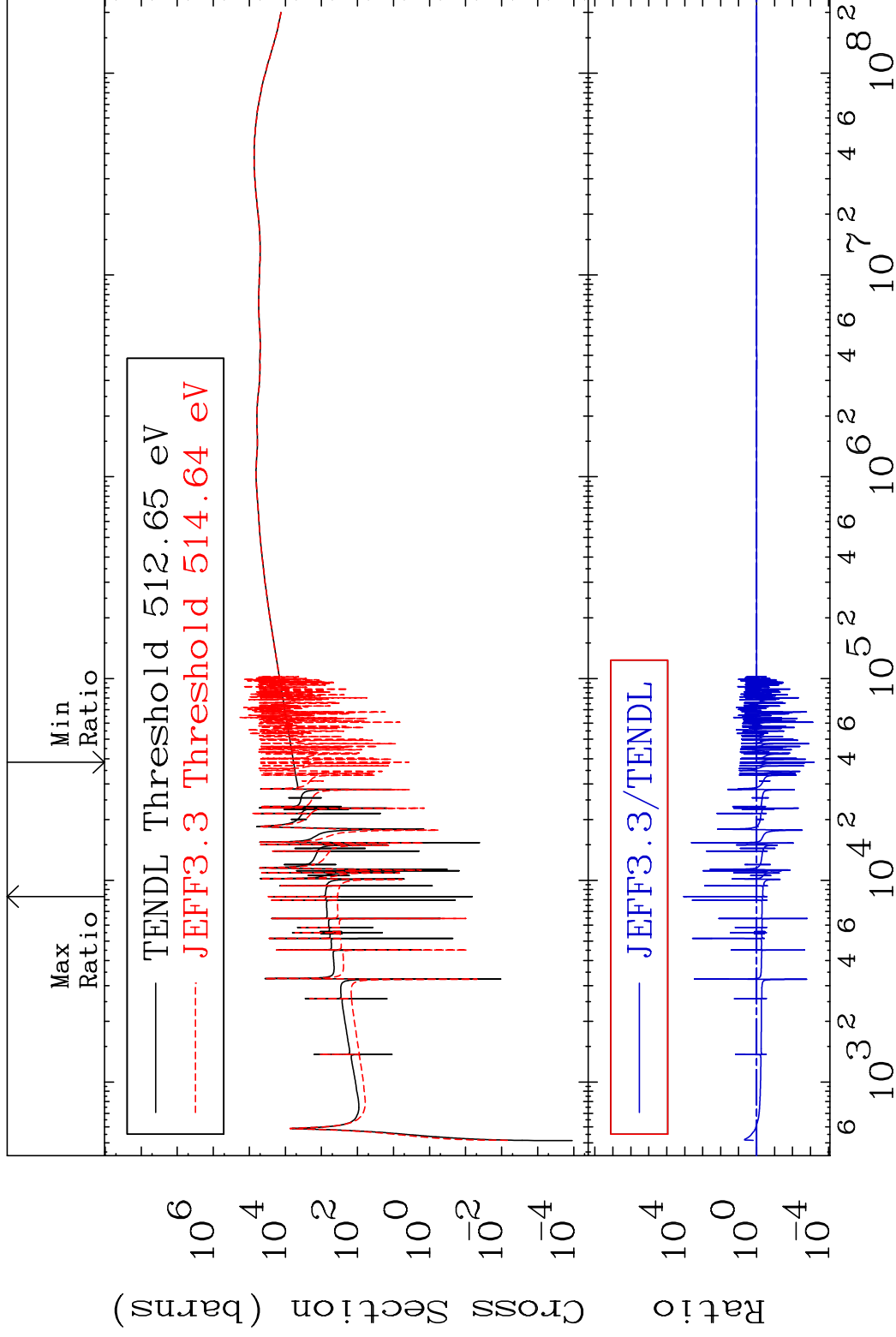
38-Sr-86

MAT 3831

Dpa elastic (mt2)

38-Sr-86

Cross Section -99.94 To 9999. %

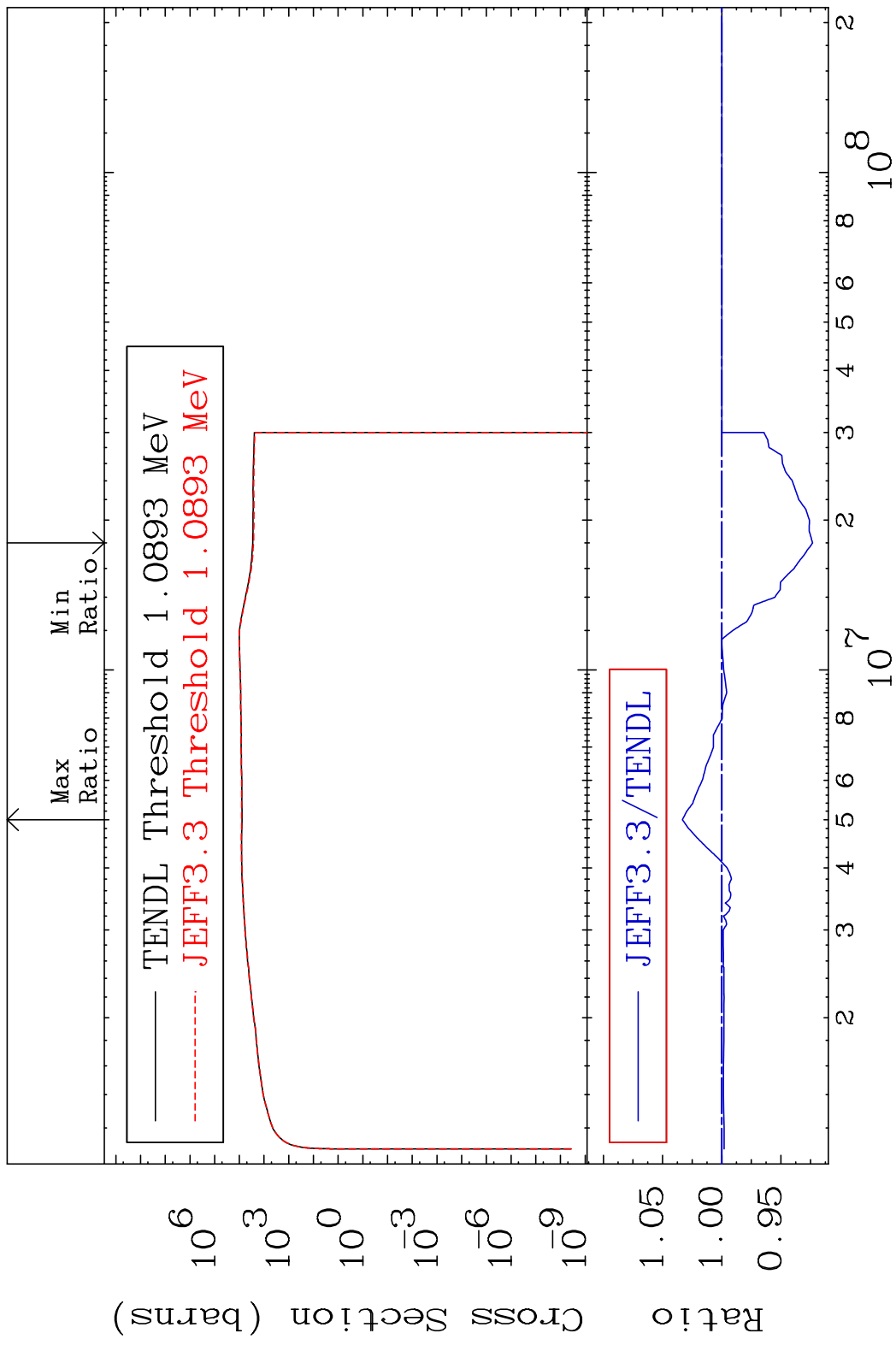


74

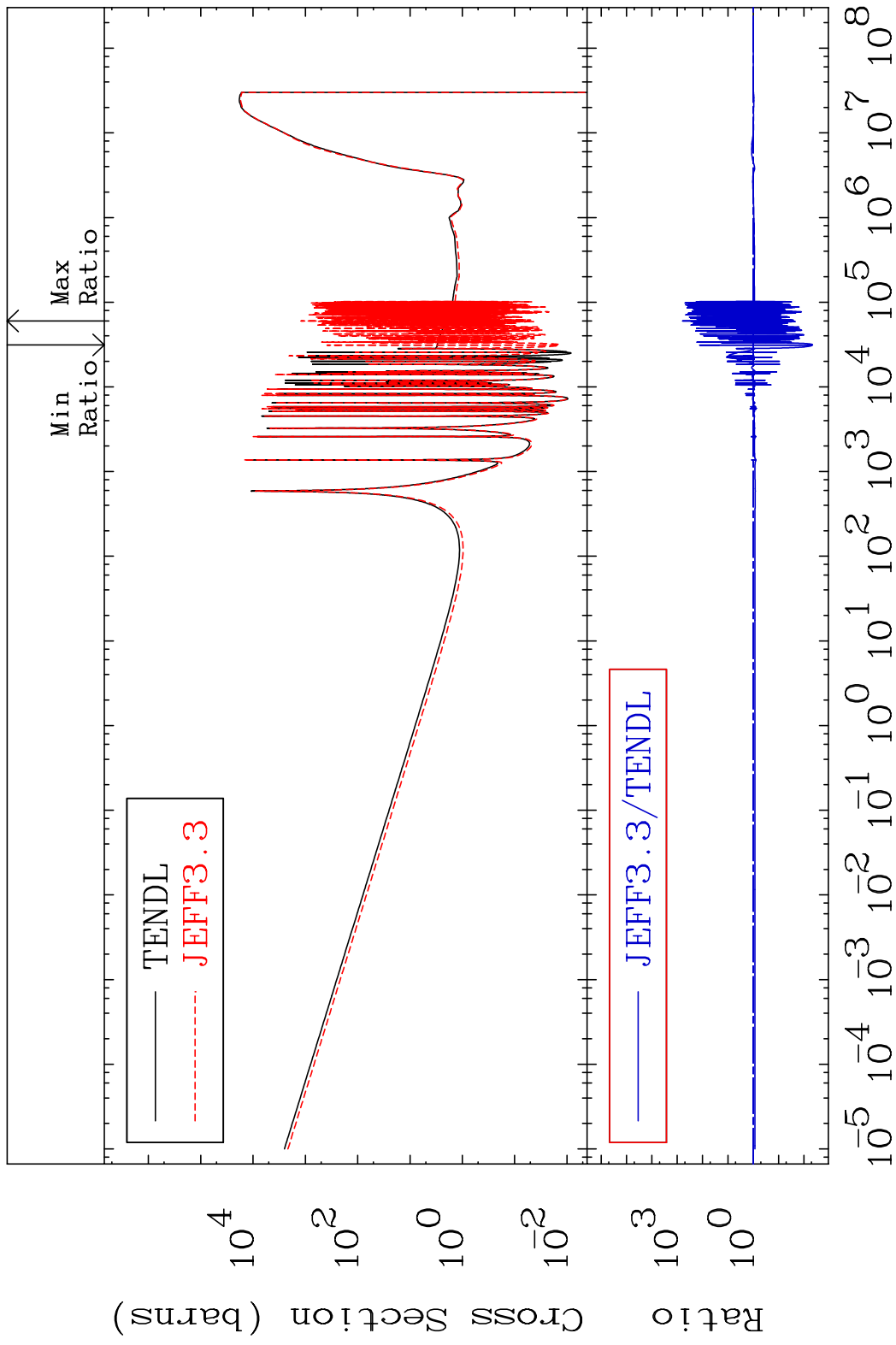
Incident Energy (eV)

38-Sr-86

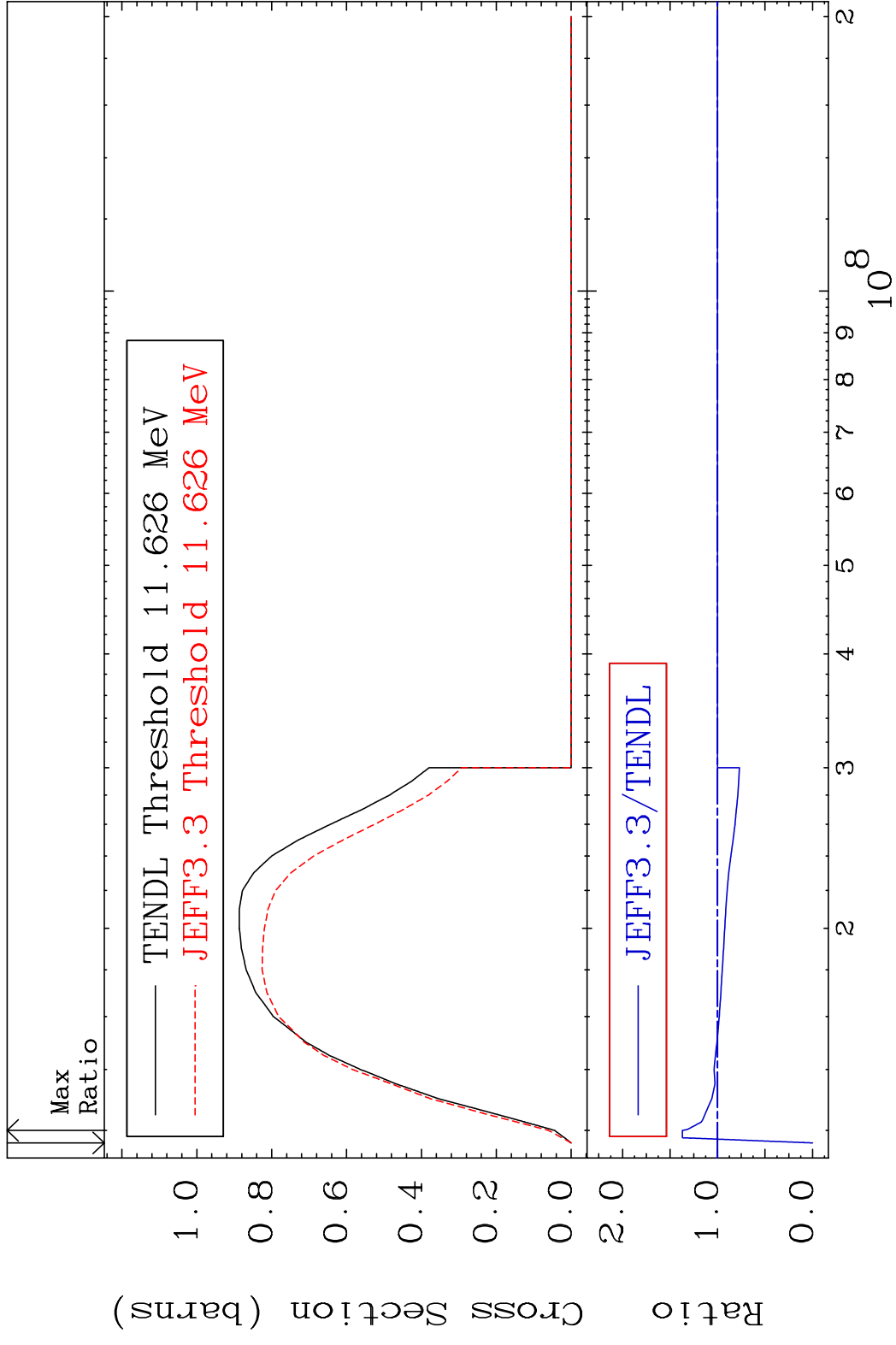
MAT 3831 Dpa inelastic (mt51-91) 38-Sr-86  
 Cross Section -7.674 To 3.327 %



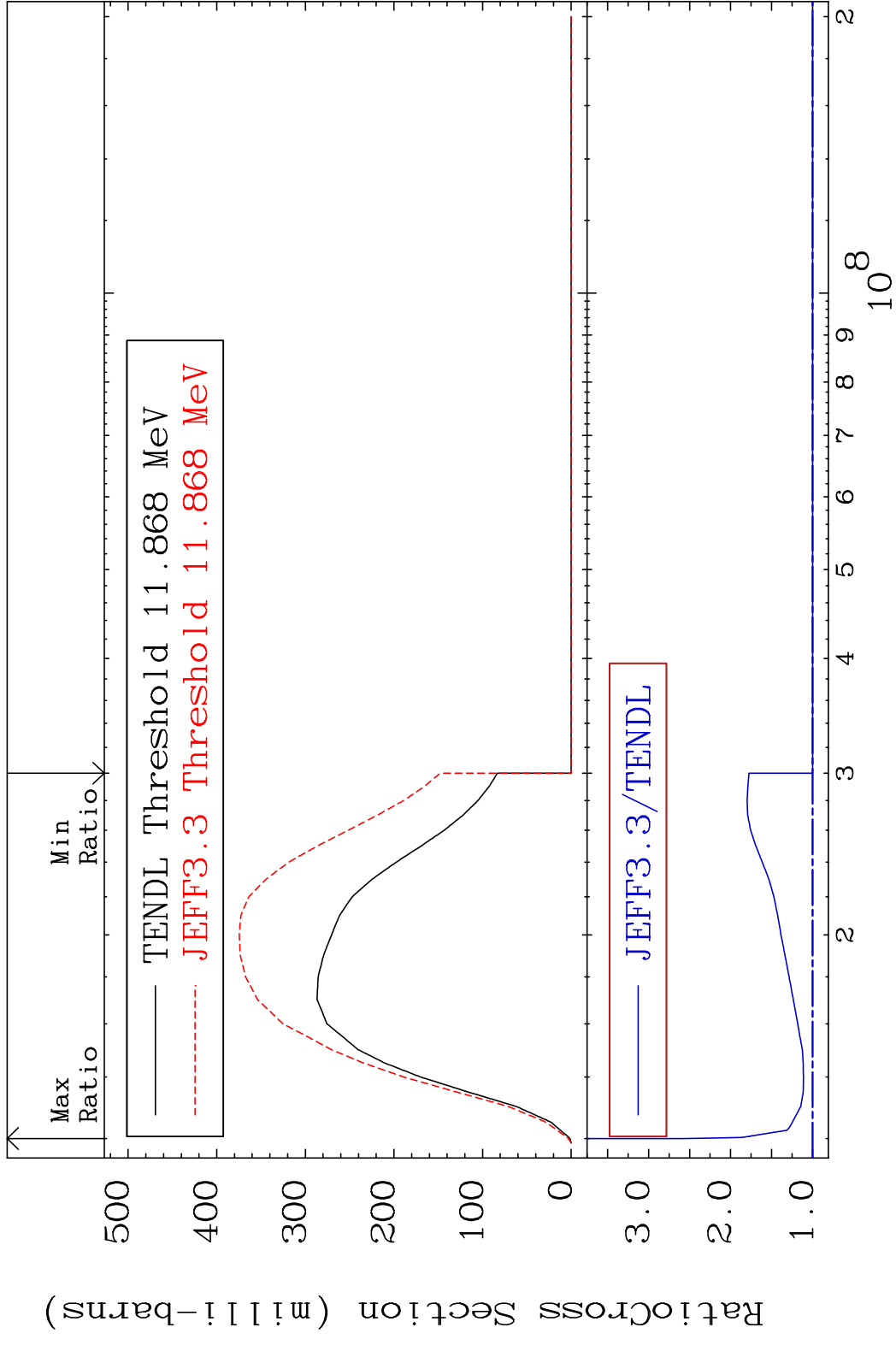
MAT 3831 Dpa disappearance (mt102 -120) 38-Sr-86  
 Cross Section -99.54 To 9999. %



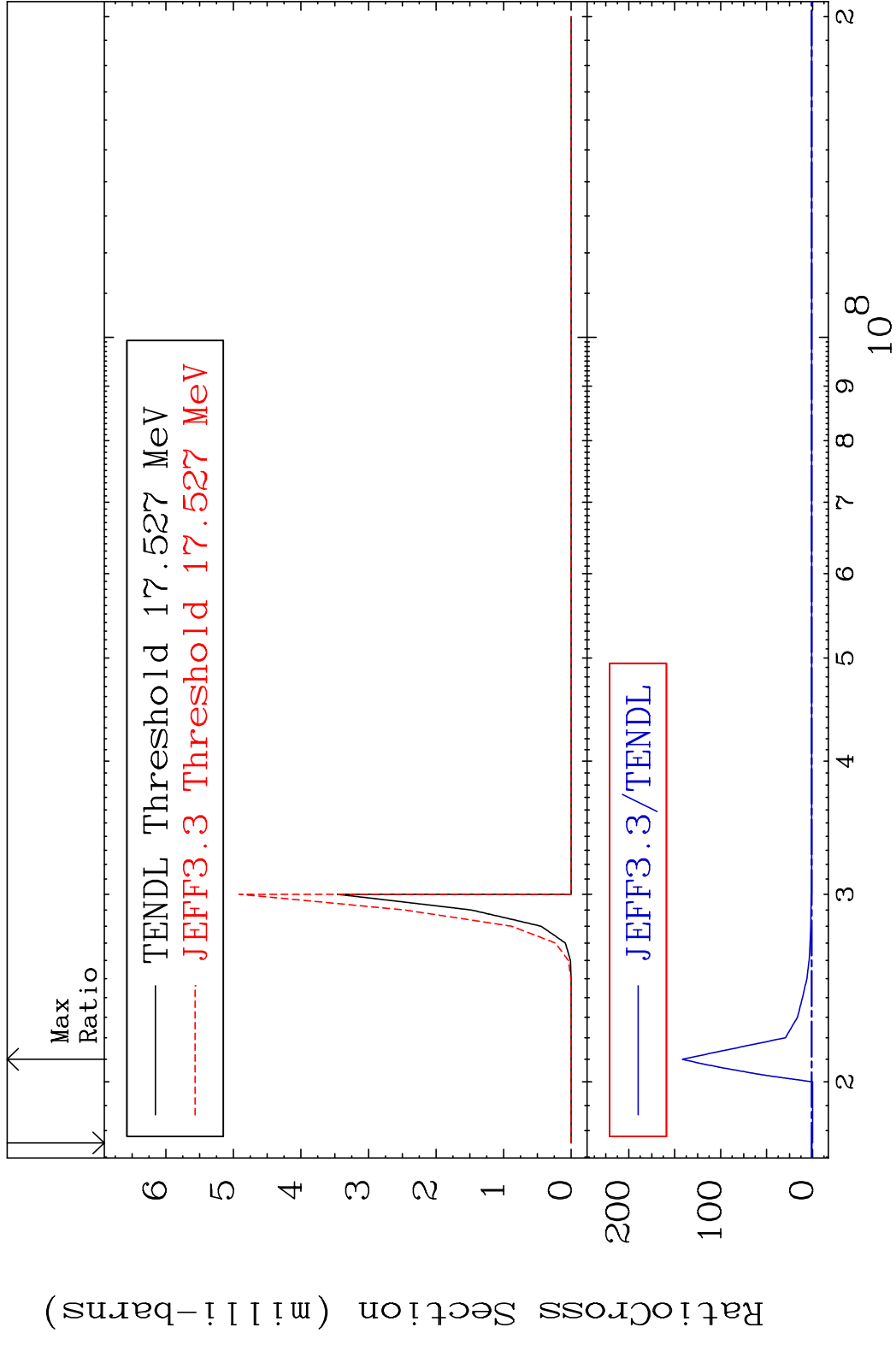
MAT 3831 (n,2n):38-Sr-85g 38-Sr-86  
 Radionuclide Production Cross Section 180.01 dth 37.05 %



MAT 3831 (n,2n):38-Sr-85m2 38-Sr-86  
 Radionuclide Production Cross Section 158.8 %

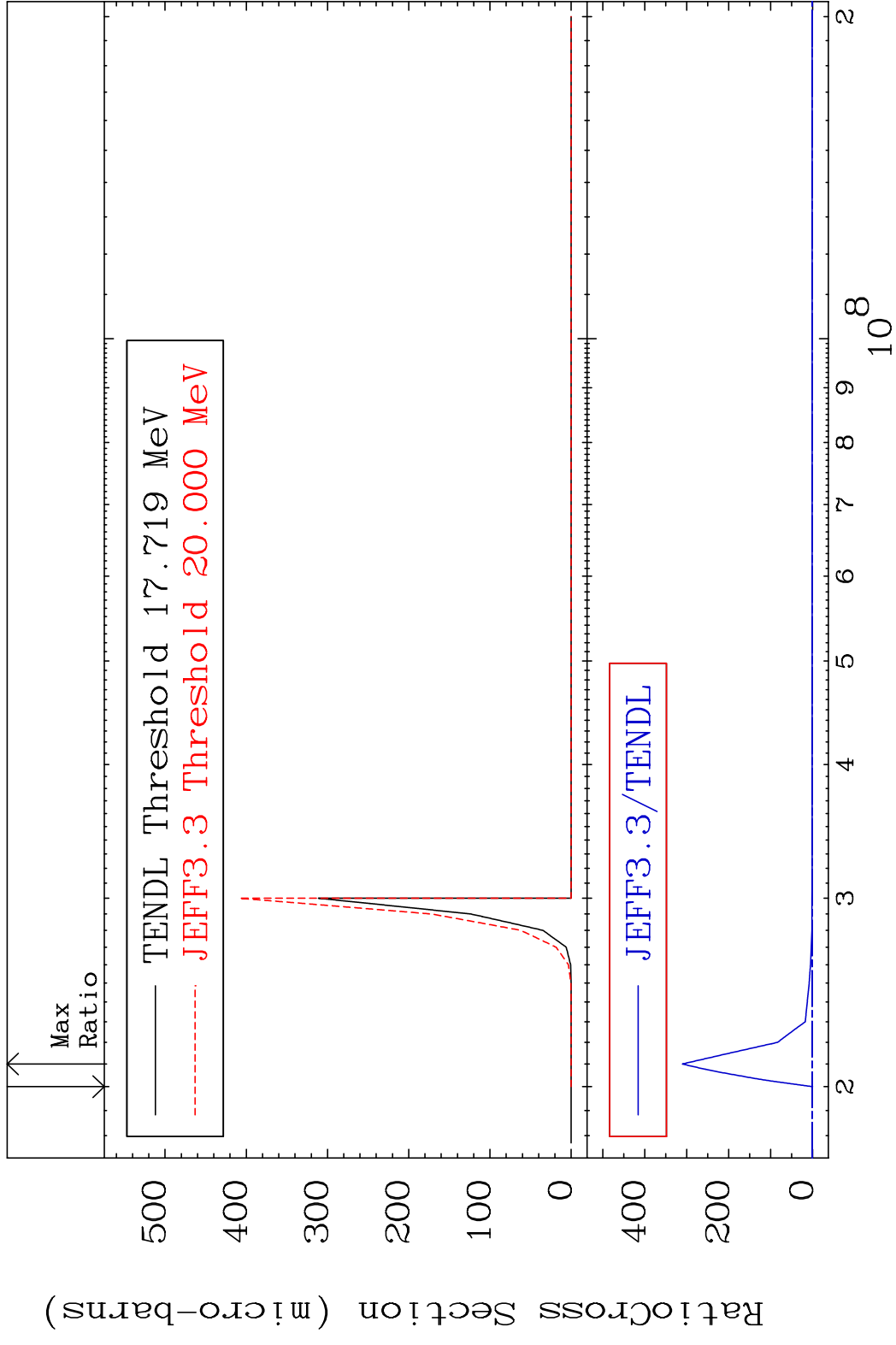


MAT 3831 (n,2n)  $\alpha$ :36-Kr-81g 38-Sr-86  
 Radionuclide Production Cross Section 1800 d to 9999. %

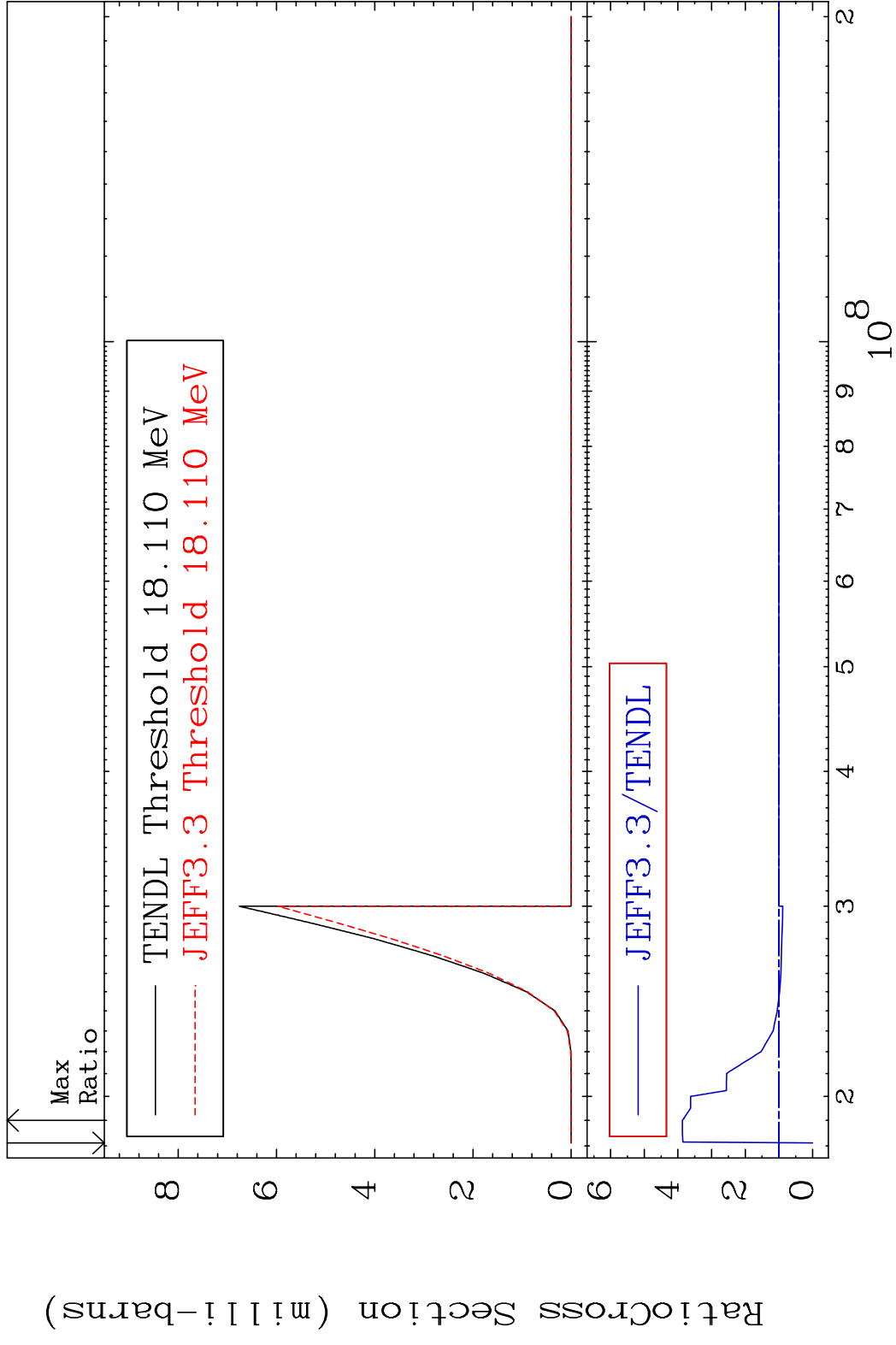




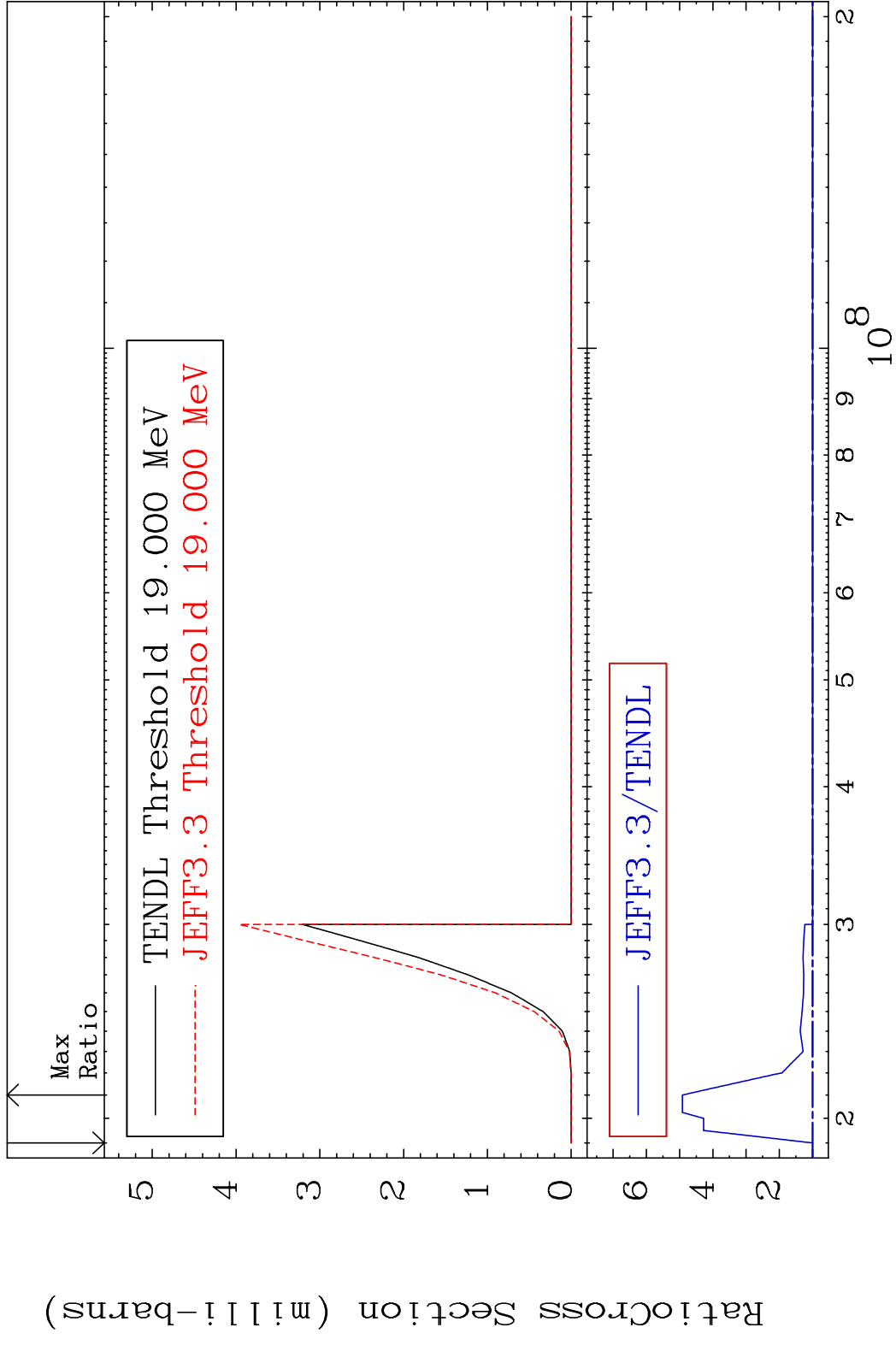
MAT 3831 (n,2n)  $\alpha$ :36-Kr-81m2 38-Sr-86  
 Radionuclide Production Cross Section 1800 dtd 9999. %

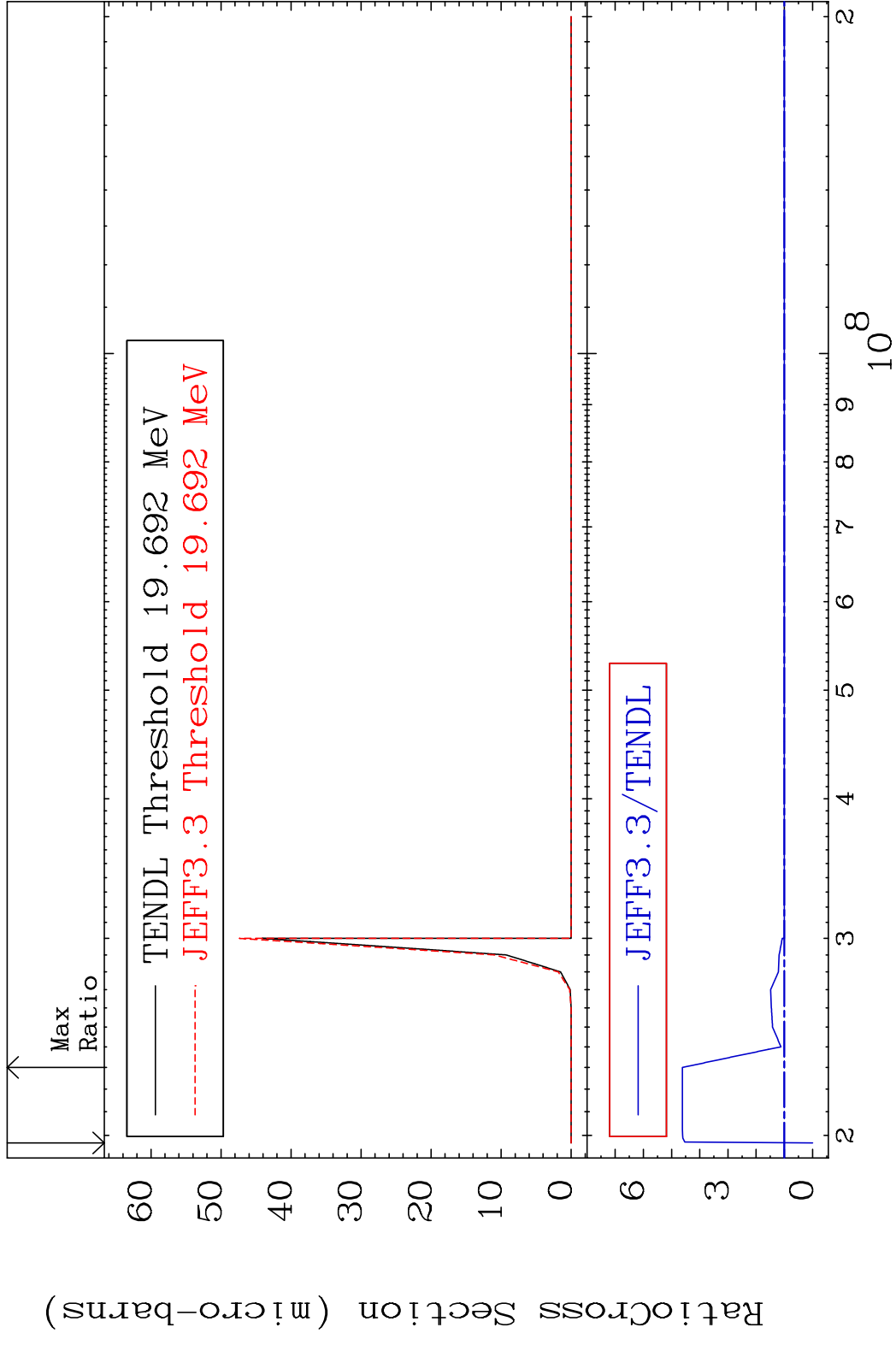


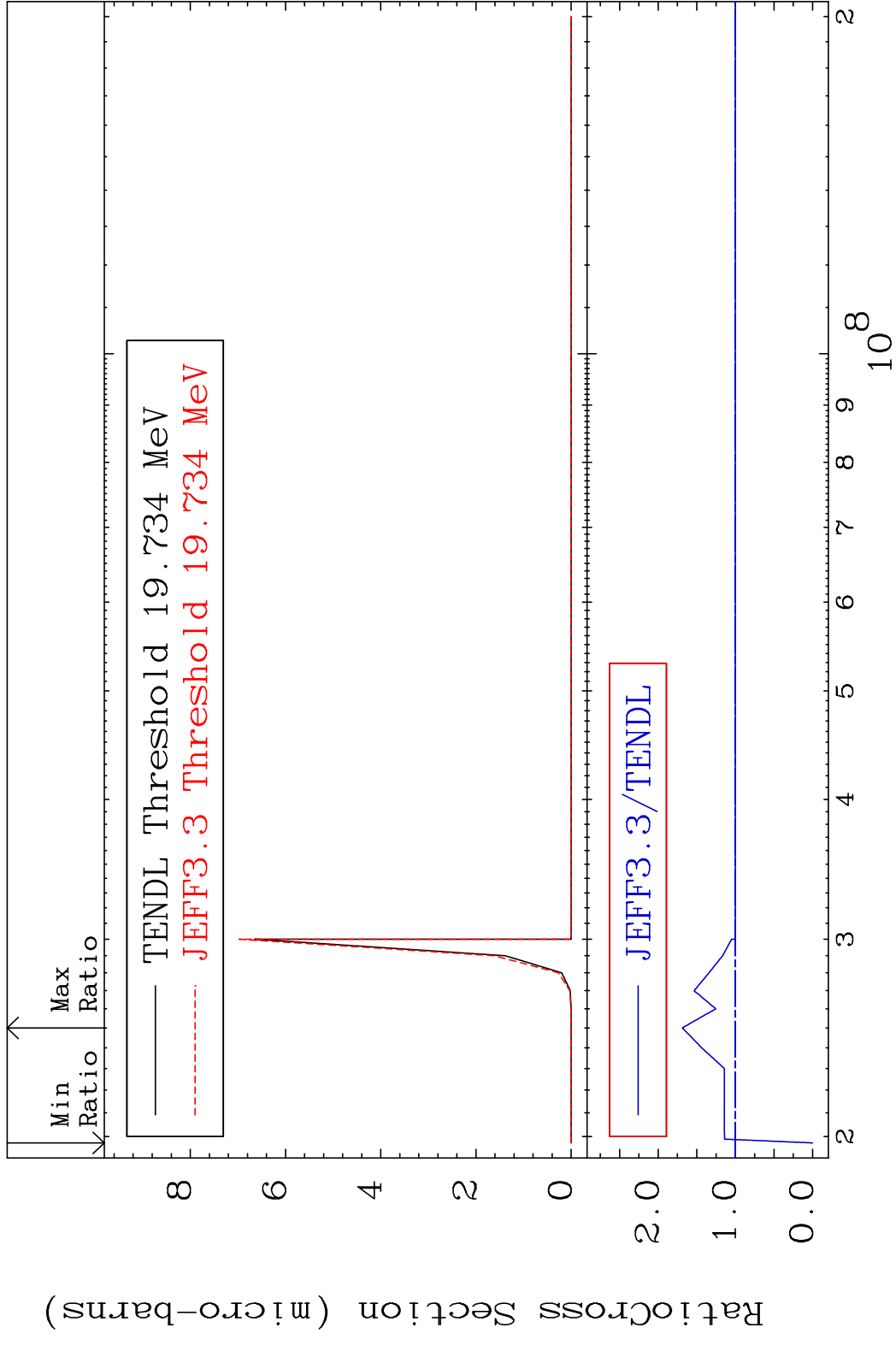
MAT 3831 (n, n') d:37-Rb-84g 38-Sr-86  
 Radionuclide Production Cross Section 18.110 MeV 286.9 %



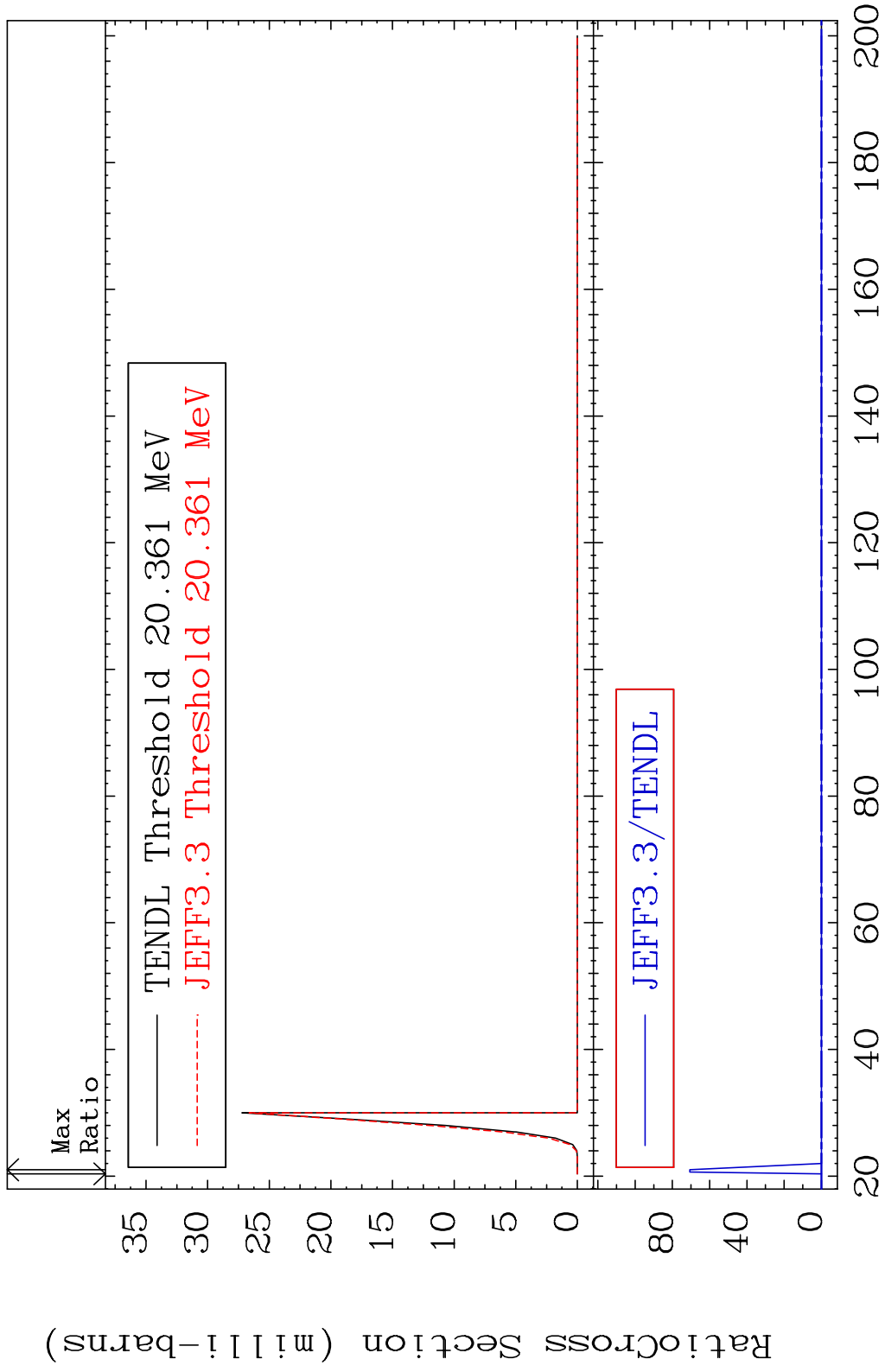
MAT 3831 (n, n') d:37-Rb-84m2 38-Sr-86  
 Radionuclide Production Cross Section 391.8 %



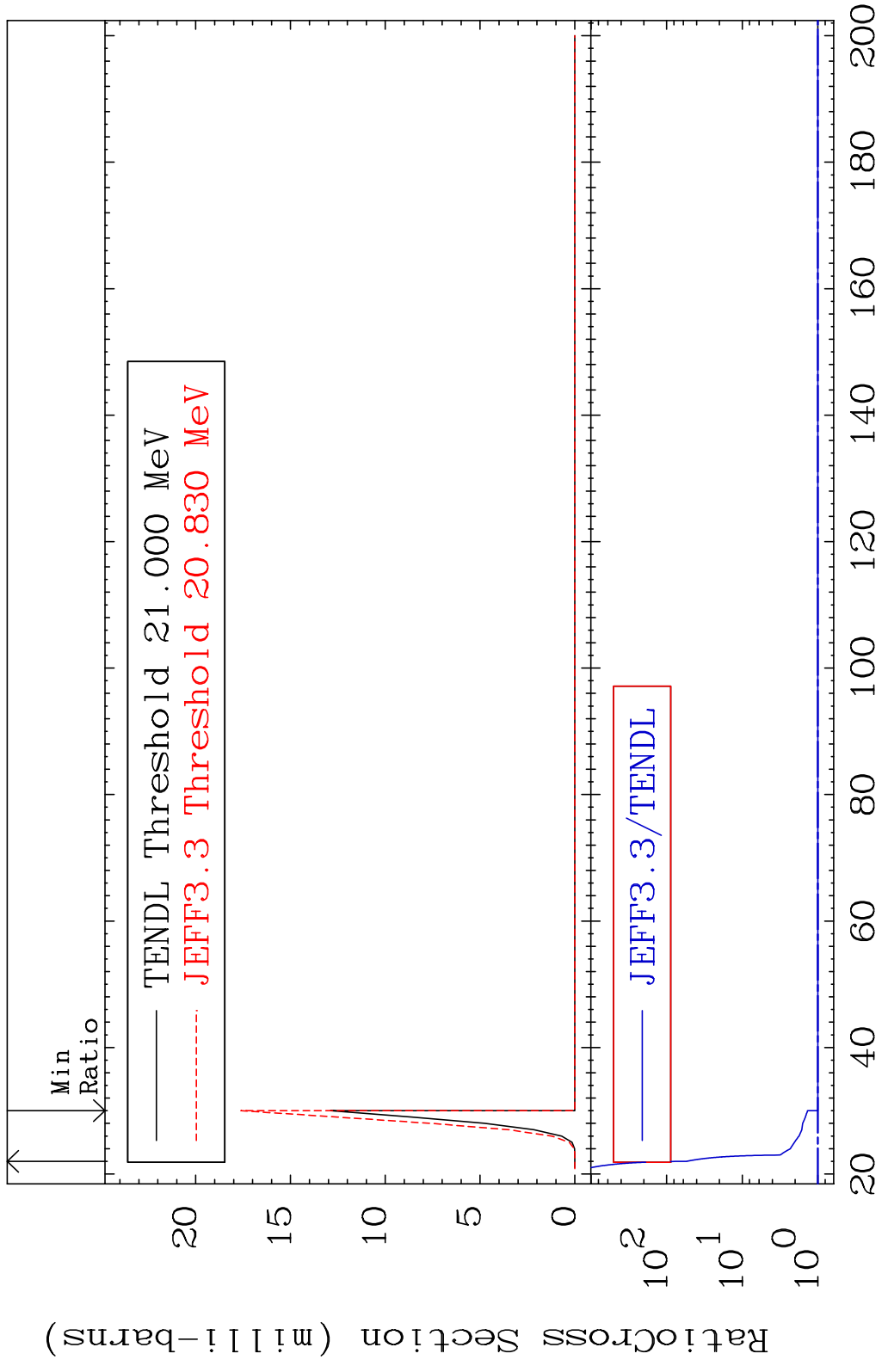




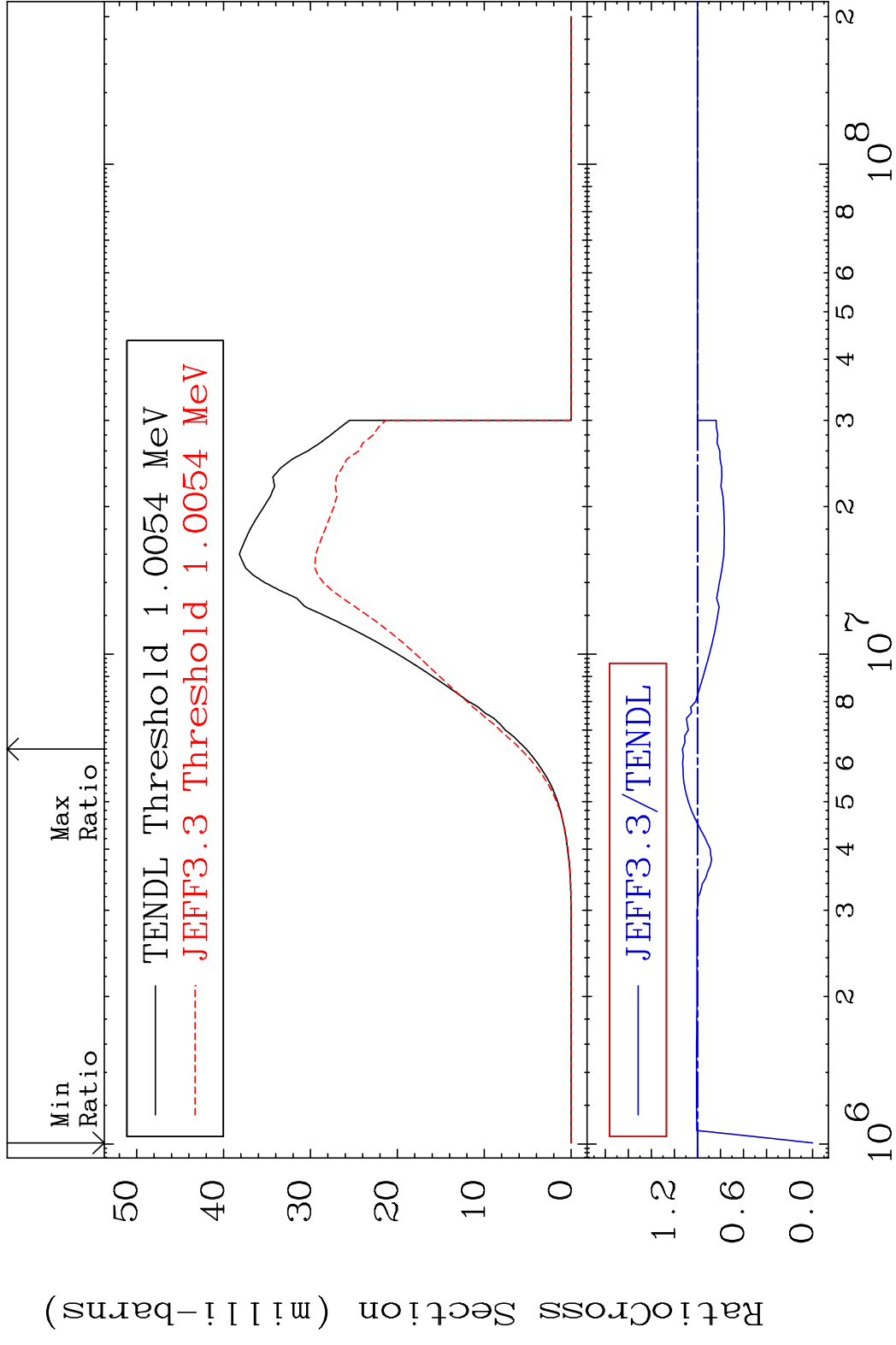
MAT 3831 (n,2n) p:37-Rb-84g 38-Sr-86  
 Radionuclide Production Cross Section Ratio



85 Incident Energy (MeV) 38-Sr-86

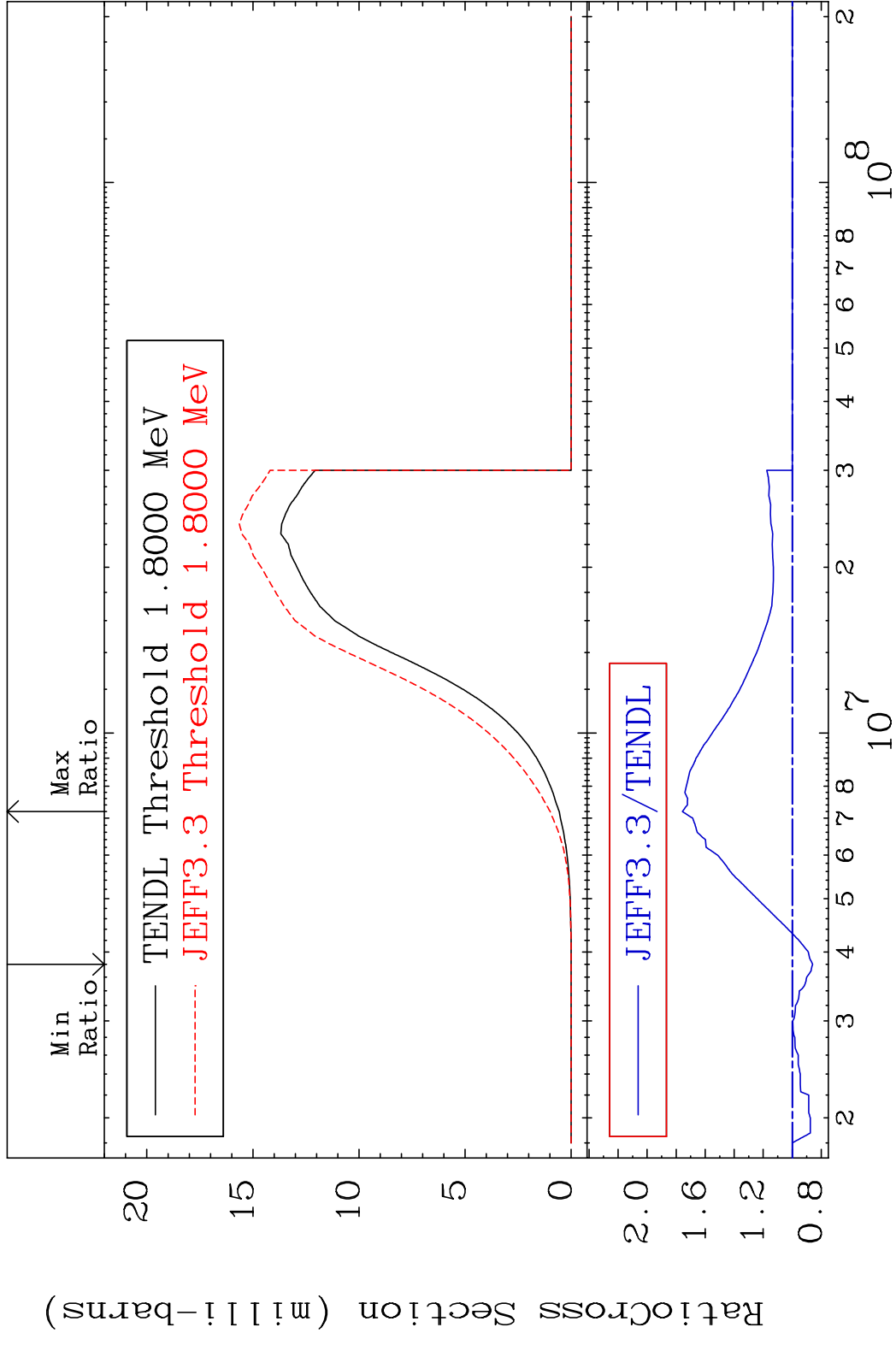


MAT 3831 (n, p) : 37-Rb-86g 38-Sr-86  
 Radionuclide Production Cross Section 13.10 %

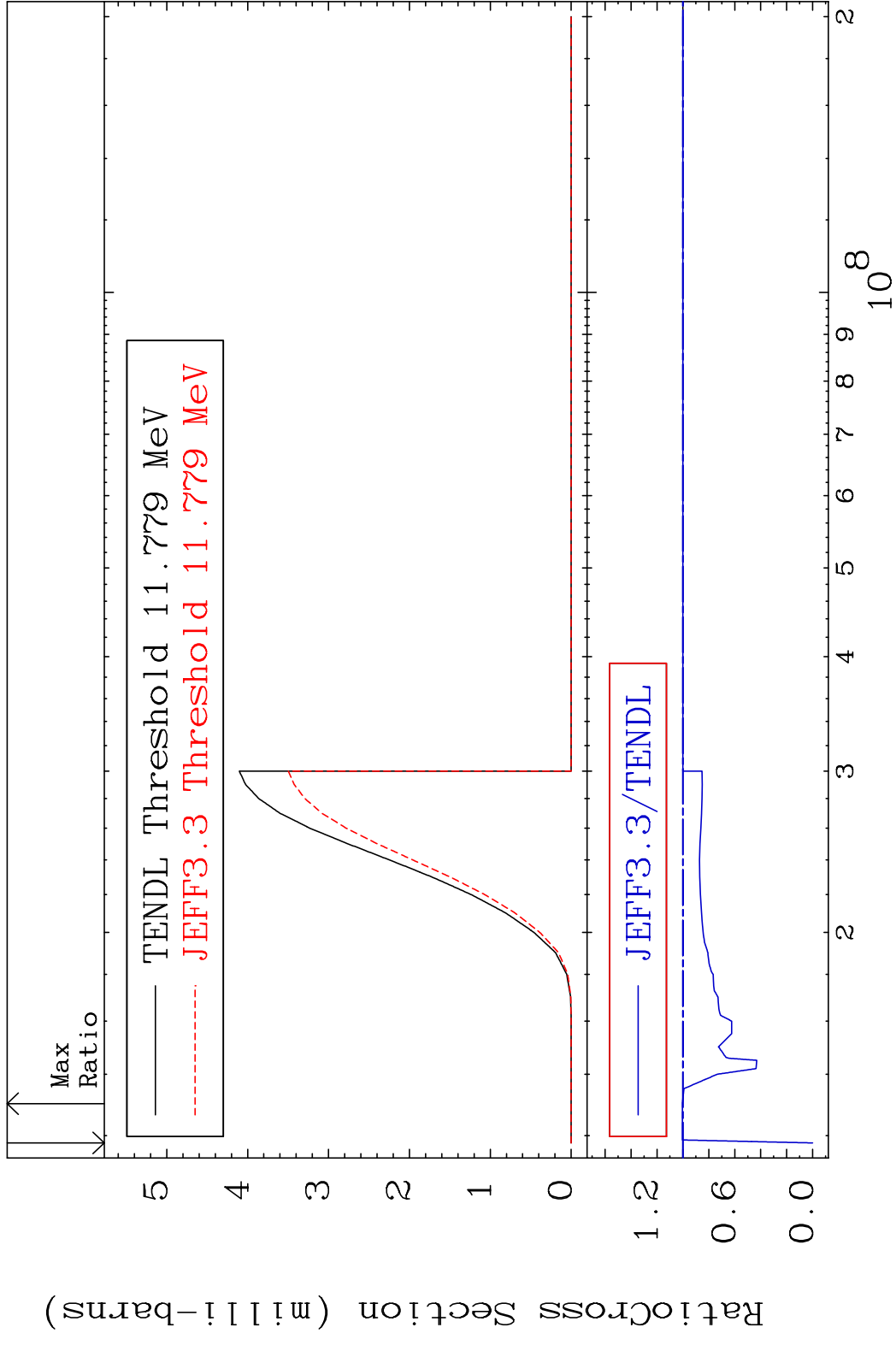


87 38-Sr-86

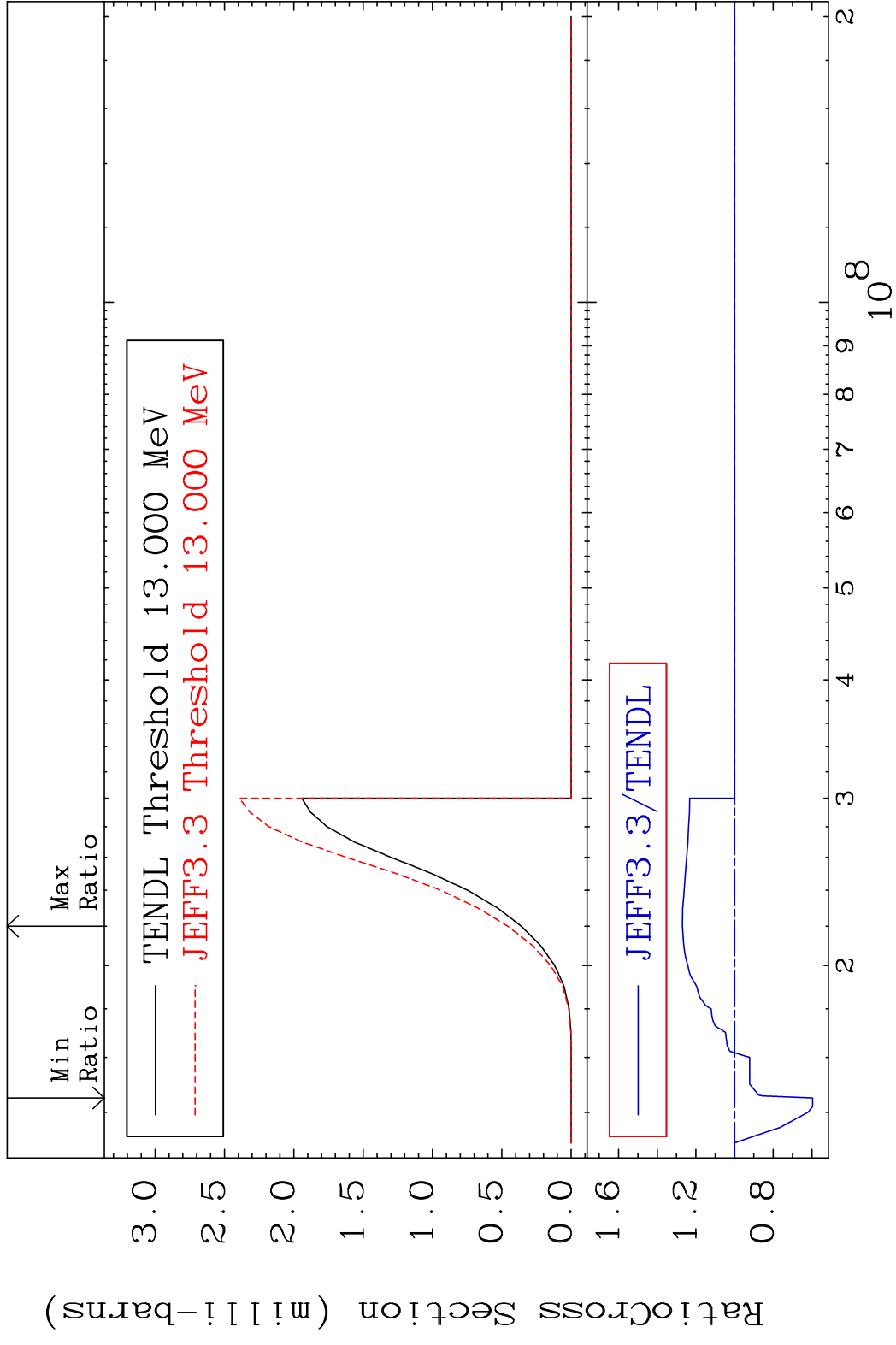


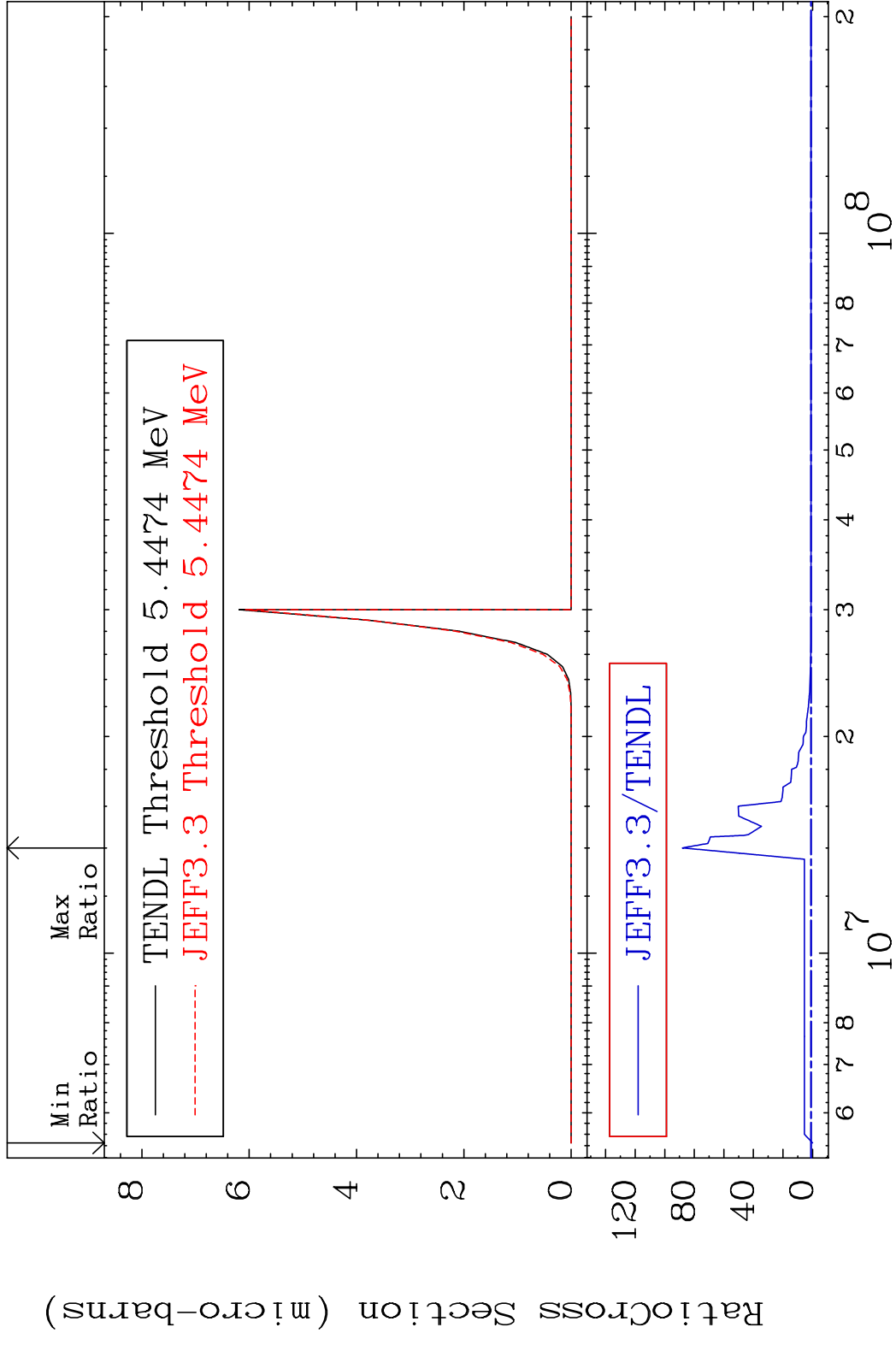


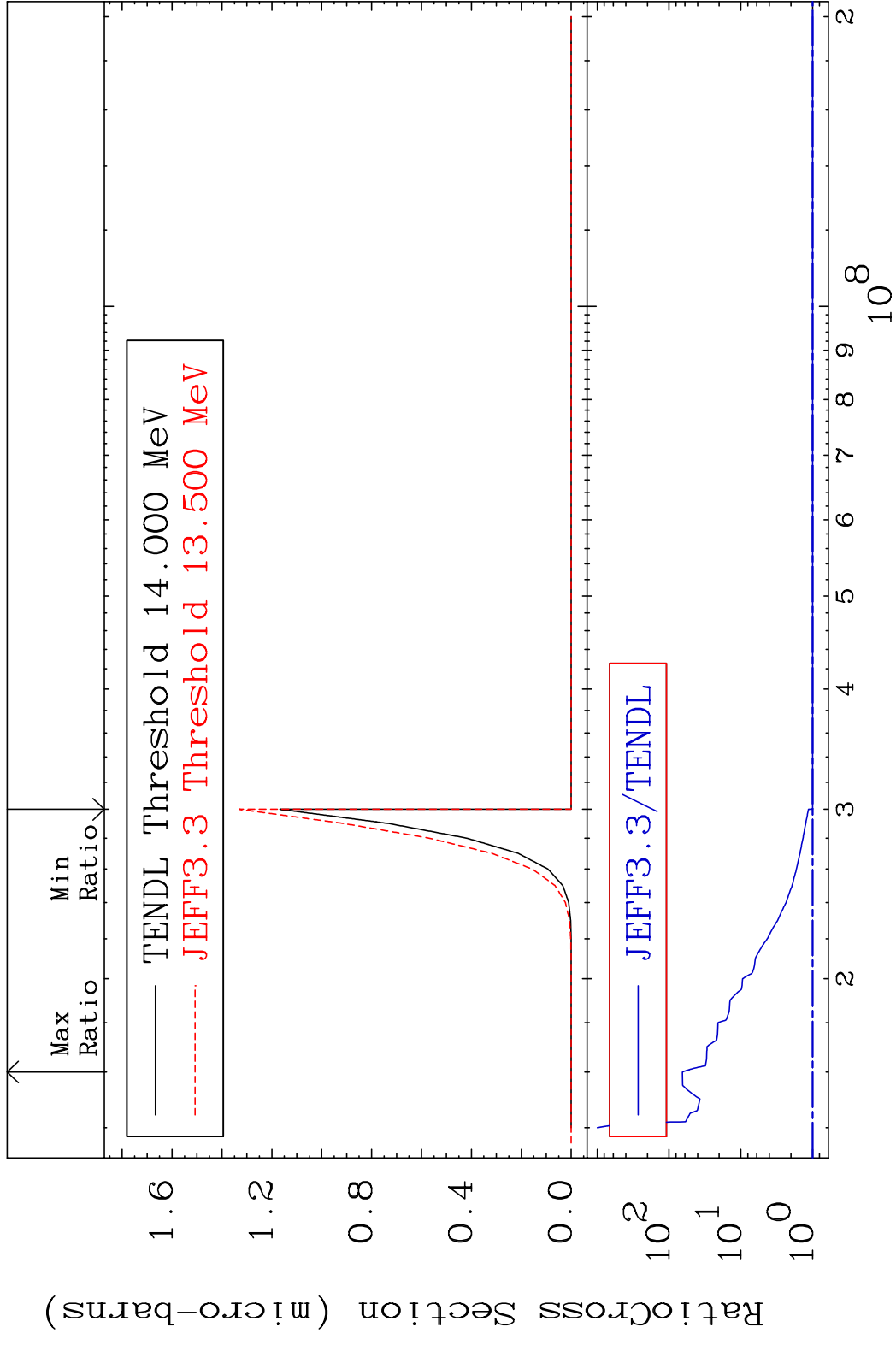
MAT 3831 (n, t):37-Rb-84g 38-Sr-86  
 Radionuclide Production Cross Section 0.419 %



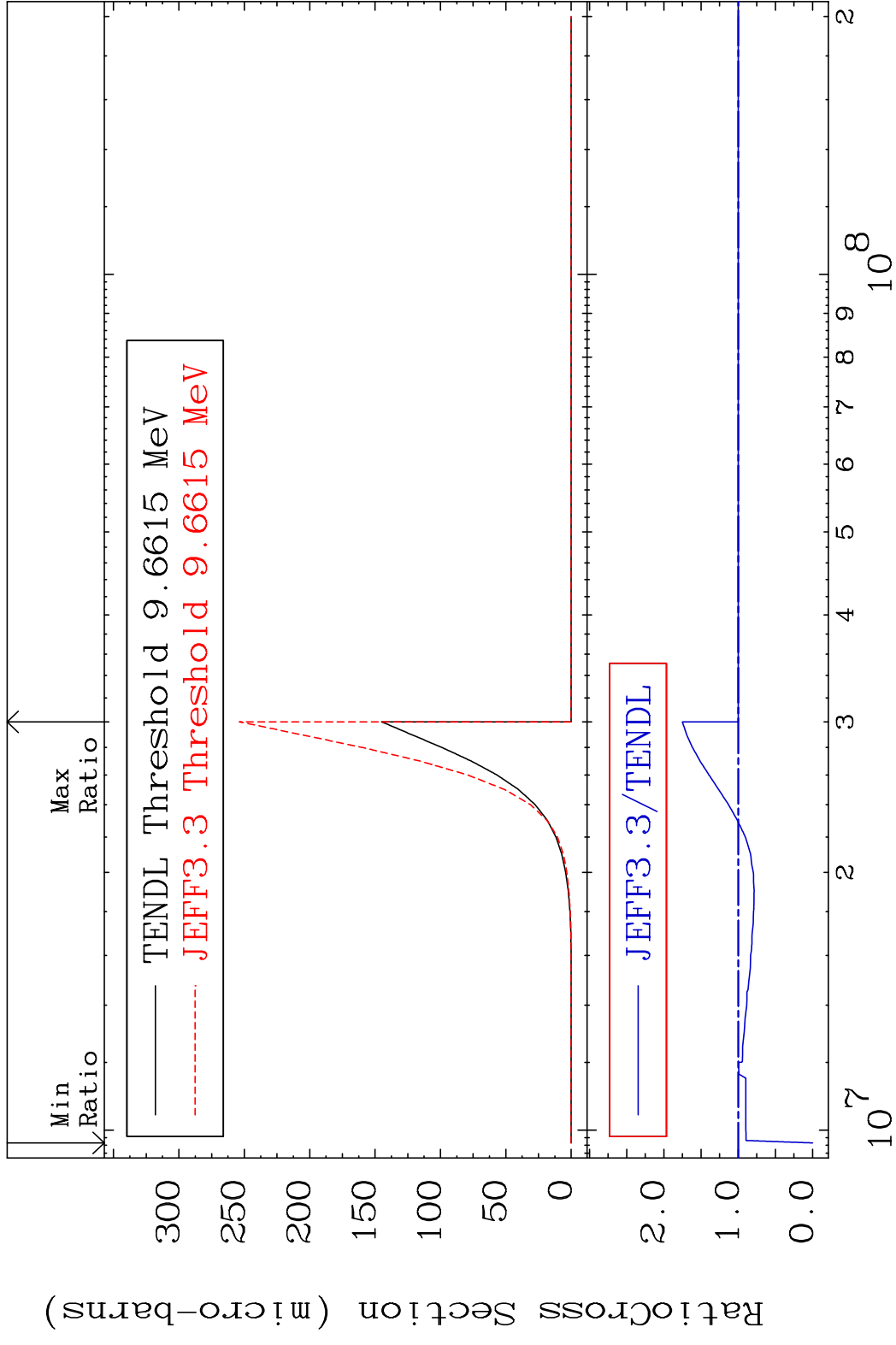
MAT 3831 (n, t):37-Rb-84m2 38-Sr-86  
 Radionuclide Production Cross Section 26.98 %



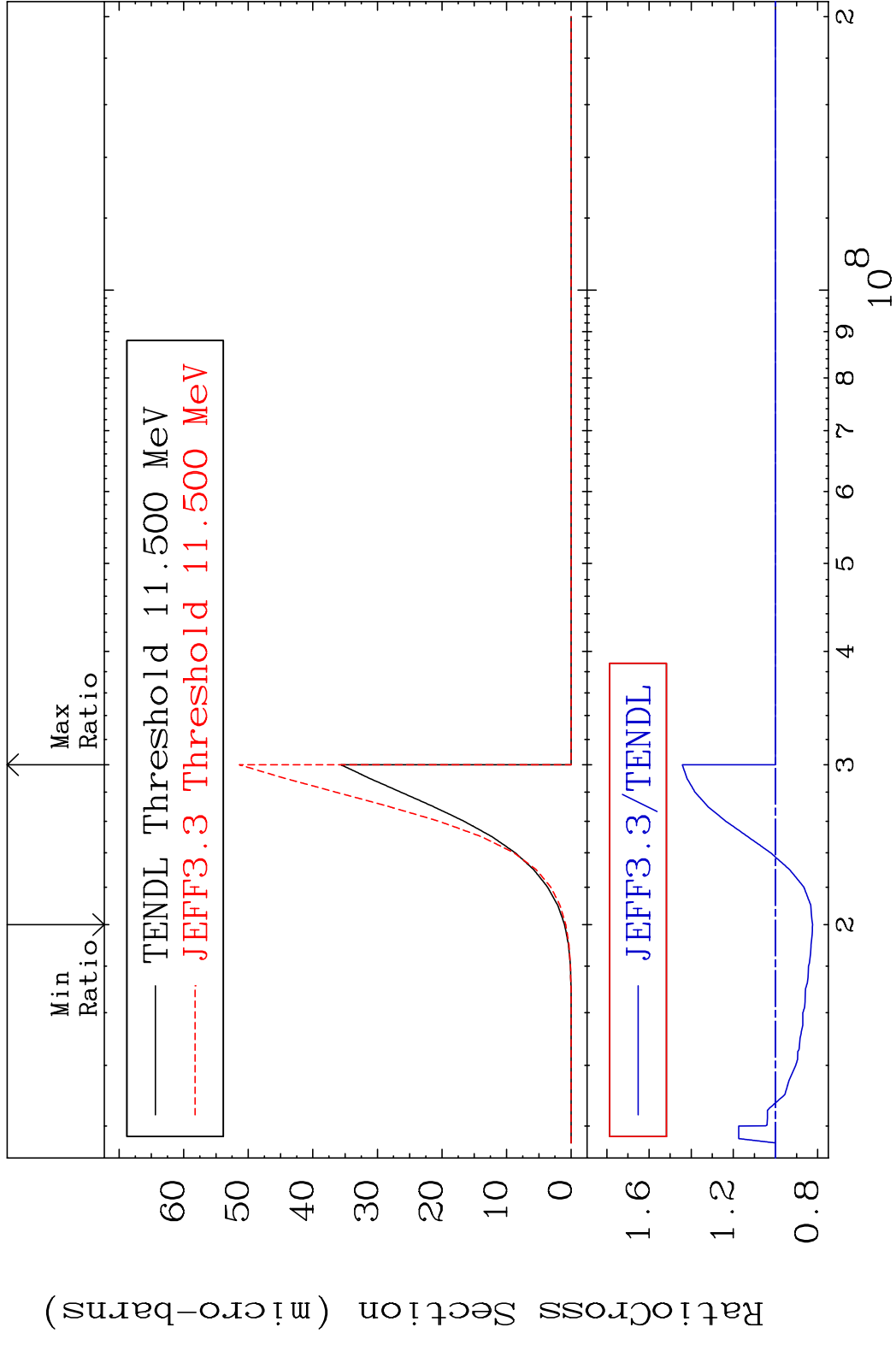


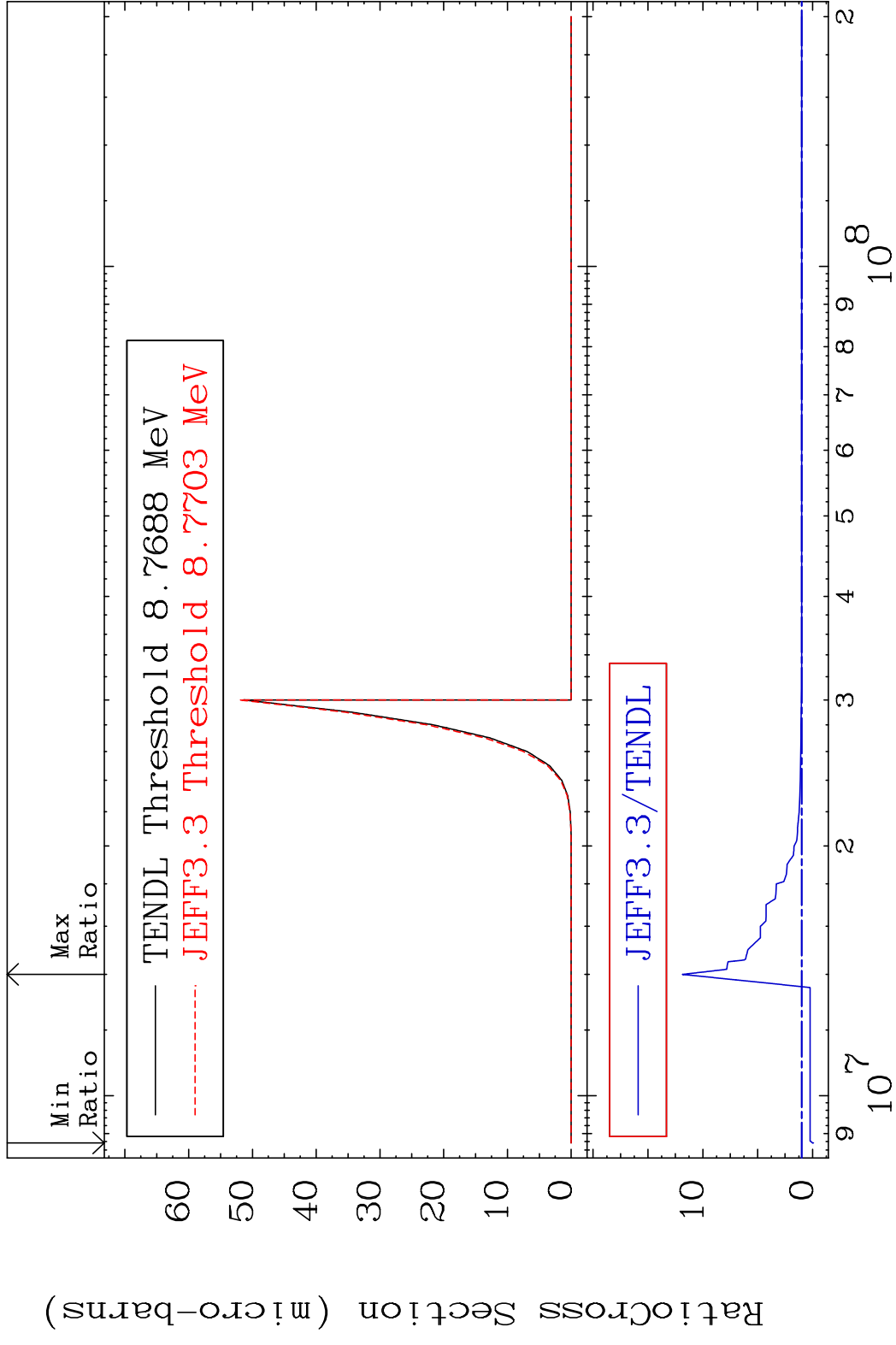


MAT 3831 (n,2p):36-Kr-85g 38-Sr-86  
 Radionuclide Production Cross Section 75.15 %



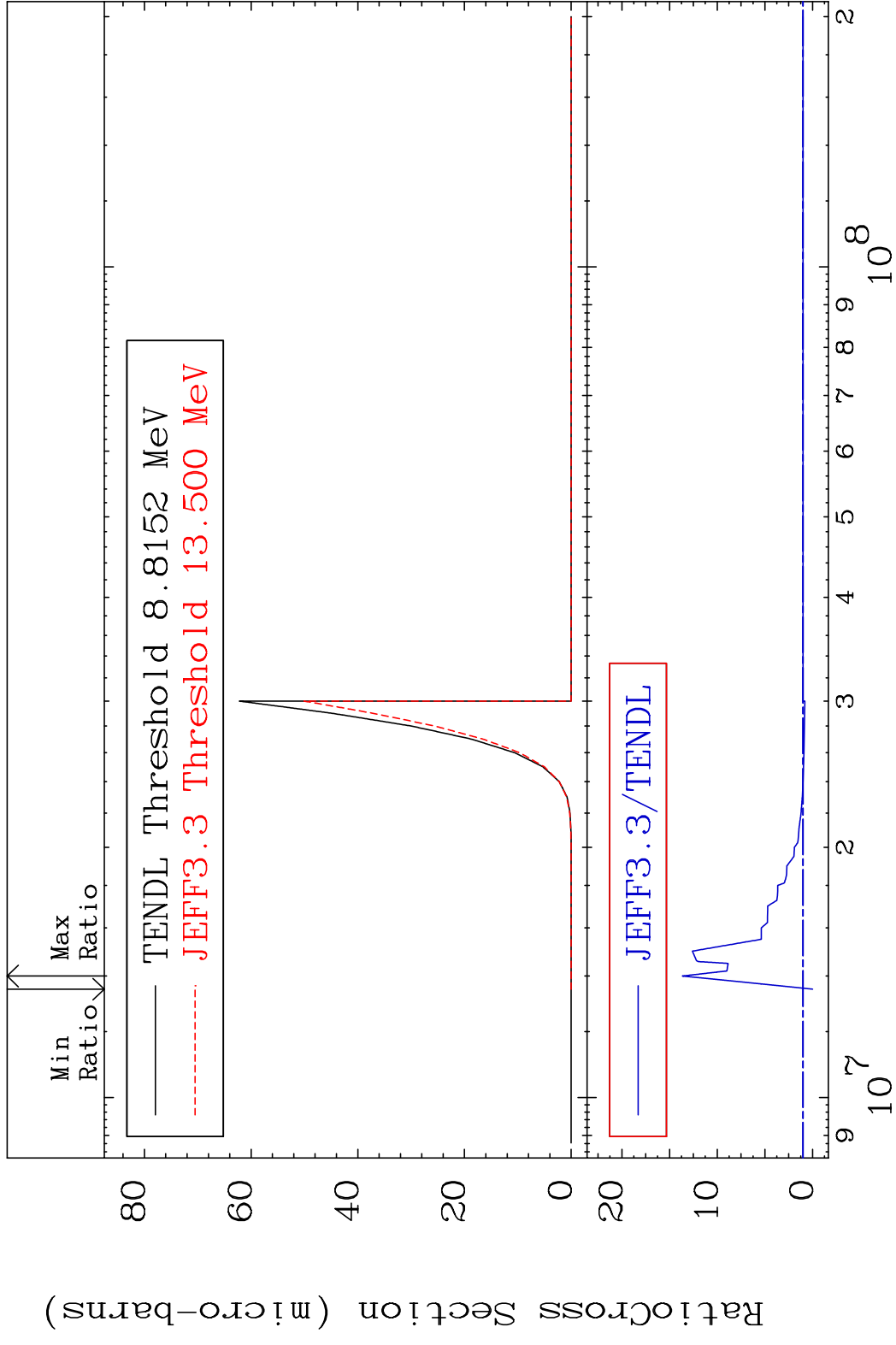
93 Incident Energy (eV) 38-Sr-86





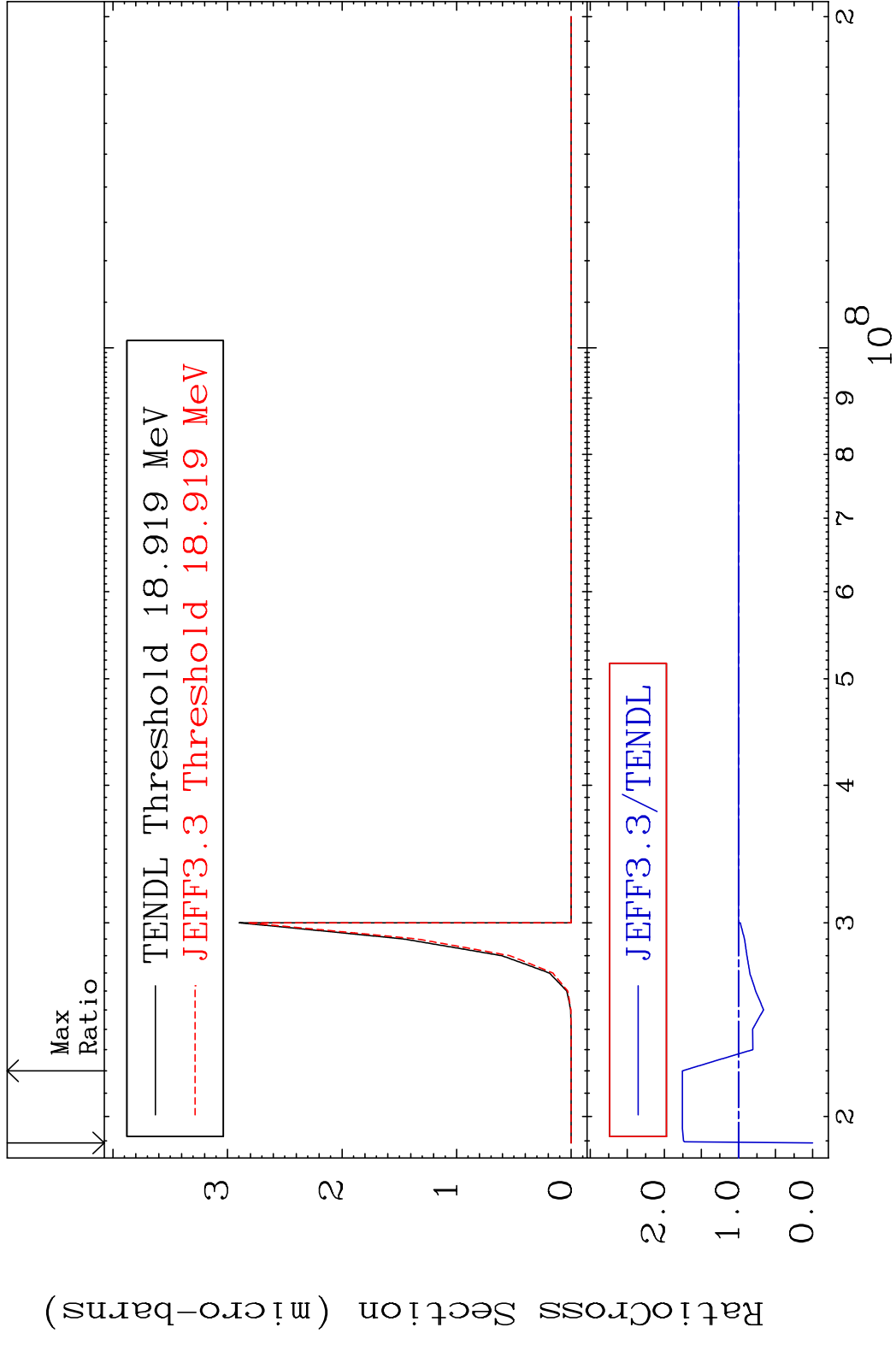


MAT 3831 (n, p)  $\alpha$ :35-Br-82m1 38-Sr-86  
 Radionuclide Production Cross Section 1266. %



96 38-Sr-86

MAT 3831 (n, p) t:36-Kr-83g 38-Sr-86  
 Radionuclide Production Cross Section 18.919 MeV 75.63 %



MAT 3831 (n, p) t:36-Kr-83m2 38-Sr-86  
 Radionuclide Production Cross Section 18.962 MeV 80.56 %

