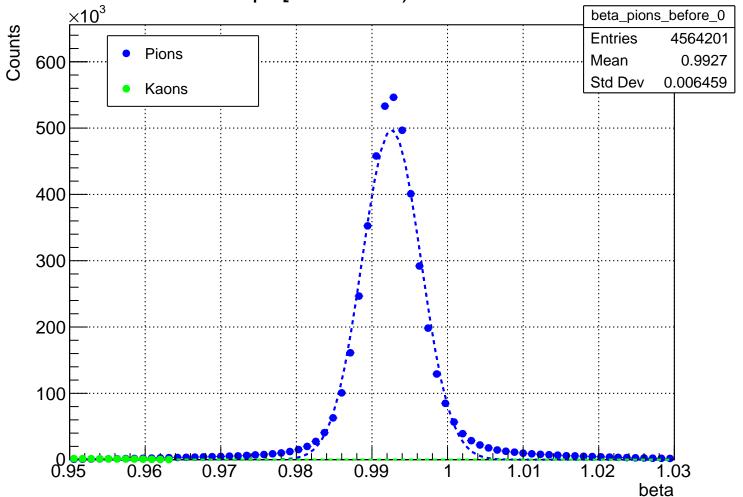
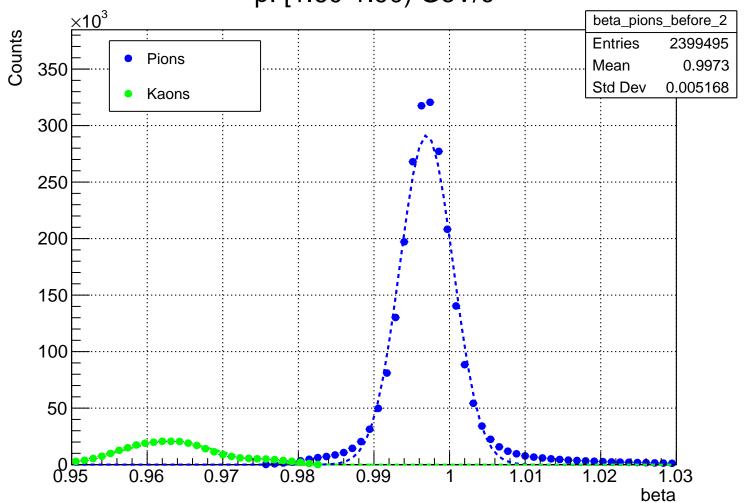
p: [1.00-1.30) GeV/c beta_pions_before_0 **Entries** 4564201 Mean 0.9927 Std Dev 0.006459



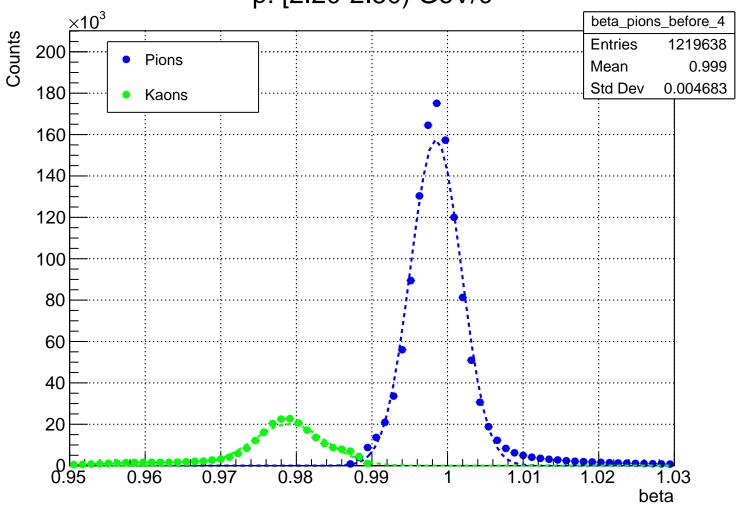
p: [1.30-1.60) GeV/c ×10³ beta_pions_before_1 Counts **Entries** 3380430 500 **Pions** Mean 0.9956 Std Dev 0.005639 Kaons 400 300 200 100 0.97 0.98 0.99 1.02 0.96 1.03 beta

p: [1.60-1.90) GeV/c



p: [1.90-2.20) GeV/c $\times 10^3$ beta_pions_before_3 Counts **Entries** 1705146 **Pions** Mean 0.9983 250 Std Dev 0.004847 Kaons 200 150 100 50 0.95 0.96 0.97 0.98 0.99 1.01 1.02 1.03 beta

p: [2.20-2.50) GeV/c



p: [2.50-2.80) GeV/c $\times 10^3$ beta_pions_before_5 Counts **Entries** 881179 **Pions** Mean 0.9996 140 Std Dev 0.004611 Kaons 120 100 80 60 40 20 0.95 0.96 0.98 0.99 0.97 1.01 1.02 1.03 beta

p: [2.80-3.10) GeV/c $\times 10^3$ beta_pions_before_6 Counts **Entries** 643823 **Pions** Mean 0.9998 100 Std Dev 0.005125 Kaons 80 60 40 20 0.96 0.99 0.98 1.01 1.02 1.03 beta

p: [3.10-3.40) GeV/c beta_pions_before_7 **Entries** 481183 **Pions** 80000 Mean 0.9997 Std Dev 0.006238 Kaons 70000 60000 50000 40000 30000 20000 10000 0.97 0.96 0.98 0.99 1.02 1.03 1.01 beta

p: [3.40-3.70) GeV/c beta_pions_before_8 **Entries** 354546 **Pions** Mean 0.9999 60000 Std Dev 0.006076 Kaons 50000 40000 30000 20000 10000 0.96 0.97 0.98 0.99 1.02 1.03 1.01 beta

p: [3.70-4.00) GeV/c beta_pions_before_9 **Entries** 260224 **Pions** 45000 Mean Std Dev 0.005911 Kaons 40000 35000 30000 25000 20000 15000 10000 5000 0.96 0.97 0.98 0.99 1.02 1.03 beta

p: [4.00-4.30) GeV/c beta_pions_before_10 **Entries** 190538 35000 **Pions** Mean Std Dev 0.005901 Kaons 30000 25000 20000 15000 10000 5000 0.96 0.97 0.98 0.99 1.02 1.03 beta

p: [4.30-4.60) GeV/c beta_pions_before_11 **Entries** 139396 **Pions** 25000 Mean 1.001 Std Dev 0.005815 Kaons 20000 15000 10000 5000 0.96 0.97 0.98 0.99 1.02 1.03 1.01 beta

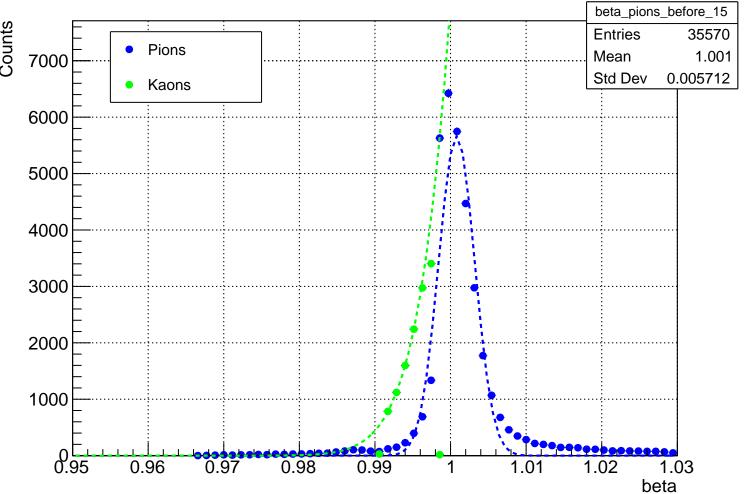
p: [4.60-4.90) GeV/c beta_pions_before_12 **Entries** 100449 **Pions** Mean 1.001 18000 Std Dev 0.005827 Kaons 16000 14000 12000 10000 8000 6000 4000 2000 0.95 0.96 0.97 0.99 0.98 1.01 1.02 1.03

beta

p: [4.90-5.20) GeV/c beta_pions_before_13 14000 **Entries** 70640 **Pions** Mean 1.001 Std Dev 0.005756 Kaons 12000 10000 8000 6000 4000 2000 0.95 0.96 0.97 0.98 0.99 1.01 1.02 1.03 beta

p: [5.20-5.50) GeV/c beta_pions_before_14 **Entries** 50709 10000 **Pions** Mean 1.001 Std Dev 0.005743 Kaons 8000 6000 4000 2000 0.95 0.97 0.99 0.96 0.98 1.01 1.02 1.03 beta

p: [5.50-5.80) GeV/c



p: [5.80-6.10) GeV/c beta_pions_before_16 **Entries** 24835 **Pions** 5000 Mean 1.002 Std Dev 0.005684 Kaons 4000 3000 2000 1000 0.95 0.96 0.97 0.98 0.99 1.01 1.02 1.03 beta

p: [6.10-6.40) GeV/c beta_pions_before_17 **Entries** 16964 3500 **Pions** Mean 1.002 Std Dev 0.005767 Kaons 3000 2500 2000 1500 1000 500 0.95 0.96 0.97 0.98 0.99 1.01 1.03 1.02 beta

p: [6.40-6.70) GeV/c beta_pions_before_18 2400 **Entries** 11433 **Pions** Mean 1.002 2200 Std Dev 0.005676 Kaons 2000 1800 1600 1400 1200 1000 800 600 400 200 0.95 0.97 0.98 0.99 0.96 1.01 1.02 1.03 beta

p: [6.70-7.00) GeV/c beta_pions_before_19 **Entries** 7462 1600 **Pions** 1.002 Mean Std Dev 0.005641 Kaons 1400 1200 1000 800 600 400 200 0.95 0.98 0.96 0.97 0.99 1.03 1.01 1.02 beta