p: [1.00-1.30) GeV/c  $\times 10^3$ chi2pidposafter\_0 Counts **Entries** 4886579 Mean -0.05966500 Std Dev 1.33 400 300 200 100 0 -15 -5 15 chi2pid -10 10

p: [1.30-1.60) GeV/c  $\times 10^3$ chi2pidposafter\_1 Counts **Entries** 3576328 400 Mean -0.04701Std Dev 1.267 350 300 250 200 150 100 50 0<u>□</u> -15 -5 15 chi2pid -10 10

p: [1.60-1.90) GeV/c  $\times 10^3$ chi2pidposafter\_2 Counts **Entries** 2528410 300 Mean -0.04961Std Dev 1.244 250 200 150 100 50 0 -15 15 chi2pid -10 5 10

p: [1.90-2.20) GeV/c ×10<sup>3</sup> chi2pidposafter\_3 Counts 220 **Entries** 1803293 Mean -0.03796200 Std Dev 1.246 180 160 140 120 100 80 60 40 20 0<u>└</u> -15 -5 -10 5 10 15 chi2pid

p: [2.20-2.50) GeV/c ×10<sup>3</sup> chi2pidposafter\_4 Counts 160 **Entries** 1309559 Mean -0.003336Std Dev 1.303 140 120 100 80 60 40 20 0 -15 -5 15 chi2pid -10 5 10

p: [2.50-2.80) GeV/c  $\times 10^3$ chi2pidposafter\_5 Counts **Entries** 980969 Mean 0.1007 Std Dev 1.417 100 80 60 40 20 0 -15 15 chi2pid -10 5 10



























