p: [1.00-1.30) GeV/c ×10³ chi2pidallafter_0 Counts **Entries** 4782200 Mean -0.02876500 Std Dev 1.308 400 300 200 100 0 -15 -5 15 chi2pid -10 10

p: [1.30-1.60) GeV/c $\times 10^3$ chi2pidallafter_1 Counts **Entries** 3517091 400 Mean -0.03316Std Dev 1.262 350 300 250 200 150 100 50 0<u>□</u> -15 -5 15 chi2pid -10 10

p: [1.60-1.90) GeV/c $\times 10^3$ chi2pidallafter_2 Counts 300 **Entries** 2496552 Mean -0.04297Std Dev 1.243 250 200 150 100 50 0 -15 15 chi2pid -10 10

p: [1.90-2.20) GeV/c 220 × 10³ chi2pidallafter_3 Counts **Entries** 1784897 Mean -0.03424200 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 160 ×10³ chi2pidallafter_4 Counts **Entries** 1298500 Mean -0.0009319140 Std Dev 1.303 120 100 80 60 40 20 0 -15 15 chi2pid -10 5 10

p: [2.50-2.80) GeV/c $\times 10^3$ chi2pidallafter_5 Counts **Entries** 973765 Mean 0.1027 1.418 Std Dev 100 80 60 40 20 0 -15 15 chi2pid -10 5 10



























