p: [1.00-1.30) GeV/c ×10<sup>3</sup> chi2pidall\_0 Counts Entries 1.287946e+07 -0.002674Mean 500 Std Dev 2.365 400 300 200 100 0 -15 -10 -5 15 chi2pid 10

p: [1.30-1.60) GeV/c ×10<sup>3</sup> chi2pidall\_1 Counts **Entries** 9522190 400 Mean 0.3948 Std Dev 3.041 350 300 250 200 150 100 50 0<u></u> −15 -5 15 chi2pid -10 10

p: [1.60-1.90) GeV/c  $\times 10^3$ chi2pidall\_2 Counts 300 **Entries** 6657363 Mean 0.9296 Std Dev 3.703 250 200 150 100 50 0 -15 15 chi2pid -10-5 10

p: [1.90-2.20) GeV/c 220 × 10<sup>3</sup> chi2pidall\_3 Counts **Entries** 4541954 Mean 0.9786 200 Std Dev 3.436 180 160 140 120 100 80 60 40 20 0<u></u> −15 -5 15 chi2pid -10 5 10

p: [2.20-2.50) GeV/c 160 <del>×10</del><sup>3</sup> chi2pidall\_4 Counts **Entries** 3079536 Mean 1.306 Std Dev 3.84 140 120 100 80 60 40 20 0 \_15 15 chi2pid -10-5 5 10

p: [2.50-2.80) GeV/c ×10<sup>3</sup> chi2pidall\_5 Counts **Entries** 2099398 Mean 2.024 Std Dev 4.645 100 80 60 40 20 0 -15 15 chi2pid -10-5 5 10



























