ALL XGBoost selected (true and false positive) Pions (& electrons, muons) mass² histogram Counts XGBoost selected true protons XGBoost selected true kaons 200 XGBoost selected true pions 175 150 125 100 75 50 25 0 -0.15-0.10-0.050.00 0.10 0.15 0.05 $m^2 (GeV/c^2)^2$