Z boson transverse momentum inside data Events/5 GeV 1872 Entries 200 84.06 Mean 37.87 Std Dev 180 Underflow 0 Overflow Integral 5 160 899 140 120 100 80 Diboson 60 Data Signal W+jets 40 Z+jets Single top 20 ttbar 50 100 250 300 350 150 200 400 Z boson transverse momentum inside 1.8 MC/DATA 1.6 1.4 1.2 0.8 0.6 0.4 0.2