Z boson transverse momentum inside data 180 Events/5 GeV Entries 2444 97.92 Mean 160 44.6 Std Dev Underflow 0 140 Overflow Integral 5 1153 120 100 80 60 Diboson Data Signal 40 W+jets Z+jets Single top 20 ttbar 50 100 300 350 150 200 250 400 Z boson transverse momentum inside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4 0.2