Z boson transverse momentum inside data Events/5 GeV 1778 Entries 200 83.19 Mean 37.62 Std Dev 180 Underflow 0 Overflow Integral 5 160 853 140 120 100 80 Diboson 60 Data Signal 40 W+jets Z+jets Single top 20 ttbar 50 100 250 300 150 200 350 400 Z boson transverse momentum inside 1.8 MC/DATA 1.6 1.4 1.2 0.8 0.6

0.4