Z boson transverse momentum inside data Events/5 GeV 390801 Entries Mean 91.42 25000 45.37 Std Dev Underflow 0 Overflow Integral 1457 1.875e+05 20000 15000 10000 Diboson Data Signal W+jets Z+jets 5000 Single top ttbar 50 100 150 250 300 350 200 400 Z boson transverse momentum inside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4

0.2