Z boson transverse momentum inside data Events/5 GeV 571 Entries 80.87 Mean 29.5 Std Dev 50 Underflow 0 Overflow Integral 268.5 40 30 20 Diboson Data Signal 10 Z+jets Single top ttbar 50 100 250 200 300 350 400 150 Z boson transverse momentum inside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4

0.2