Z boson transverse momentum inside data Events/5 GeV 50 935 Entries 115.1 Mean 45 50.77 Std Dev Underflow 0 40 Overflow Integral 3 415 35 30 25 20 Diboson 15 Data Signal 10 W+jets Z+jets Single top ttbar 5 100 50 150 200 250 300 350 400 Z boson transverse momentum inside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4 0.2