Z boson transverse momentum inside data Events/5 GeV 1400 24954 Entries Mean 114.1 55.93 Std Dev 1200 Underflow 0 Overflow Integral 180 1.127e+04 1000 800 600 Diboson 400 Data Signal Z+jets 200 Single top ttbar 50 100 150 300 350 200 250 400 Z boson transverse momentum inside MC/DATA 1.8 1.6 1.4 1.2 0.6 0.4 0.2