Z boson transverse momentum outside data Events/5 GeV 300 2740 Entries 80.08 Mean 32.34 Std Dev 250 Underflow Overflow Integral 2 1335 200 150 100 Diboson Data Signal 50 Z+jets Single top ttbar 50 100 250 300 350 150 200 400 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.8 0.6 0.4 0.2