Z boson transverse momentum outside data Events/5 GeV 2710 Entries 300 82.07 Mean 36.62 Std Dev Underflow 0 250 Overflow Integral 2708 200 150 100 Diboson Signal 50 Single top ttbar 50 100 250 300 350 400 150 200 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4 0.2