Z boson transverse momentum outside data Events/5 GeV 9000 109504 Entries Mean 74.43 36.25 Std Dev 8000 Underflow 0 Overflow Integral 115 7000 5.394e+04 6000 5000 4000 3000 Diboson Data Signal 2000 W+jets Z+jets Single top 1000 ttbar 50 100 300 350 150 200 250 400 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4 0.2