Z boson transverse momentum outside data 6 Events/5 GeV Entries 63 70.15 Mean 5.5 19.25 Std Dev Underflow 0 5 Overflow Integral 0 16.5 4.5 4 3.5 3 2.5 Diboson Data Signal 2 W+jets Z+jets Single top 1.5 ttbar 100 250 50 150 200 300 350 400 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.8 0.6 0.4 0.2