Z boson transverse momentum outside data Events/5 GeV 794 Entries 81.38 80 Mean 36.51 Std Dev Underflow 70 Overflow Integral 374.8 60 50 40 30 Diboson Data 20 Signal Z+jets Single top 10 ttbar H 50 100 250 300 350 200 400 150 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.8 0.6 0.4

0.2