Z boson transverse momentum outside data Events/5 GeV 1031043 Entries 80000 77.79 Mean 39.66 Std Dev 70000 Underflow Overflow Integral 1444 5.052e+05 60000 50000 40000 30000 Diboson Data 20000 Signal W+jets Z+jets 10000 Single top ttbar 50 100 150 250 350 200 300 400 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.6

0.4