Z boson transverse momentum outside data Events/5 GeV 282 Entries 22 95.38 Mean 50.66 Std Dev 20 Underflow 0 Overflow Integral 0 18 119 16 14 12 10 8 Diboson Data 6 Signal Z+jets 4 Single top ttbar 2 100 300 350 50 150 200 250 400 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4

0.2