Z boson transverse momentum outside data Events/5 GeV 384 Entries 40 78.23 Mean 31.75 Std Dev 35 Underflow 0 Overflow Integral 0 30 175 25 20 15 Diboson Data 10 Signal Z+jets Single top 5 ttbar 50 100 250 200 300 350 400 150 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.8 0.6 0.4

0.2