Z boson transverse momentum outside data Events/5 GeV 8090 Entries 102.6 Mean 500 Std Dev 51.42 Underflow 0 Overflow Integral 62 3746 400 300 200 Data Signal 100 Z+jets Single top ttbar 50 100 350 150 200 250 300 400 Z boson transverse momentum outside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4

0.2