Z boson transverse momentum inside data Events/5 GeV 355 Entries 76.43 Mean 35 29.76 Std Dev Underflow 0 Overflow Integral 0 30 160.5 25 20 15 Diboson Data 10 Signal Z+jets Single top 5 ttbar 50 100 250 150 200 300 350 400 Z boson transverse momentum inside 1.8 MC/DATA 1.6 1.4 1.2 0.8 0.6 0.4

0.2