Z boson transverse momentum inside data Events/5 GeV Entries 73 98.67 Mean 5 34.81 Std Dev Underflow 0 4.5 Overflow Integral 0 20.75 3.5 3 2.5 Diboson Data 2 Signal Z+jets Single top 1.5 ttbar 100 250 50 150 200 300 350 400 Z boson transverse momentum inside 1.8 MC/DATA 1.6 1.4 1.2 0.6 0.4

0.2