$Z\rightarrow$ ee, failing probes p_T[15,20] η[0.8000,1.0000] 2000 Events / 2.0 GeV Data 18766 data events 1800 Sig.: MC ⊗ Gaus N_{siq} =5357 $^{+142}_{-147}$, N_{bkq} =13409 $^{+147}_{-142}$ PDF Stat. Unc. 1600 $e^{\pm}\pi^{\pm}$, µe data Fit prob. 60.6%, EDM 5.2e-05 Bkg. Stat. Unc. 1400 1200 1000 800 600 400 200 1.5 Data/PDF 0.5 80 120 70 90 60 100 Tag-probe system mass [GeV]