$\overline{B^0} o D^+ (K^- \pi^+ \pi^+) \pi^-$ Events 4500 4000 mean = 5.2796 GeV/C^2 3500 $\sigma = 0.002607 \text{ GeV/C}^2$ 3000 lower cut = 5.272 GeV/C^2 2500 upper cut = 5.287 GeV/C^2 2000 $\chi^2 = 1.127$ 1500 1000 500 7 5.28 5.2 Mbc [GeV/c²] 5.24 5.27 Pull 5.22 5.21 5.23 5.24 5.26 5.27 5.28 5.25 250 200 Residual 150 100 50 -50 -100 -150 -200 -250 -250 5.2

5.23

5.21

5.22

5.24

5.25

5.26

5.27

5.28