

1 Supplementary material for LHCb-PAPER-2012-018

Fig. 1 shows the fits to candidate events in the D mass sideband regions, as described in the main text. For this study, the D mass constraint is not applied when forming the B candidate invariant mass.

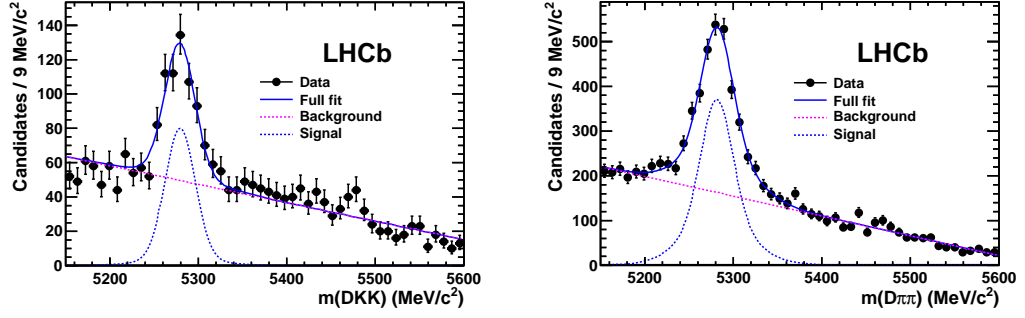


Figure 1: Fit to the B candidate invariant mass distribution for events in the D sidebands for the (left) $\bar{D}^0 K^+ K^-$ and (right) $\bar{D}^0 \pi^+ \pi^-$ decay mode. The data points are shown in black with the components of the fit overlaid; full fit (solid blue), double Gaussian signal (dashed blue) and linear background (dashed pink).