

Supplementary material for LHCb-PAPER-2016-035

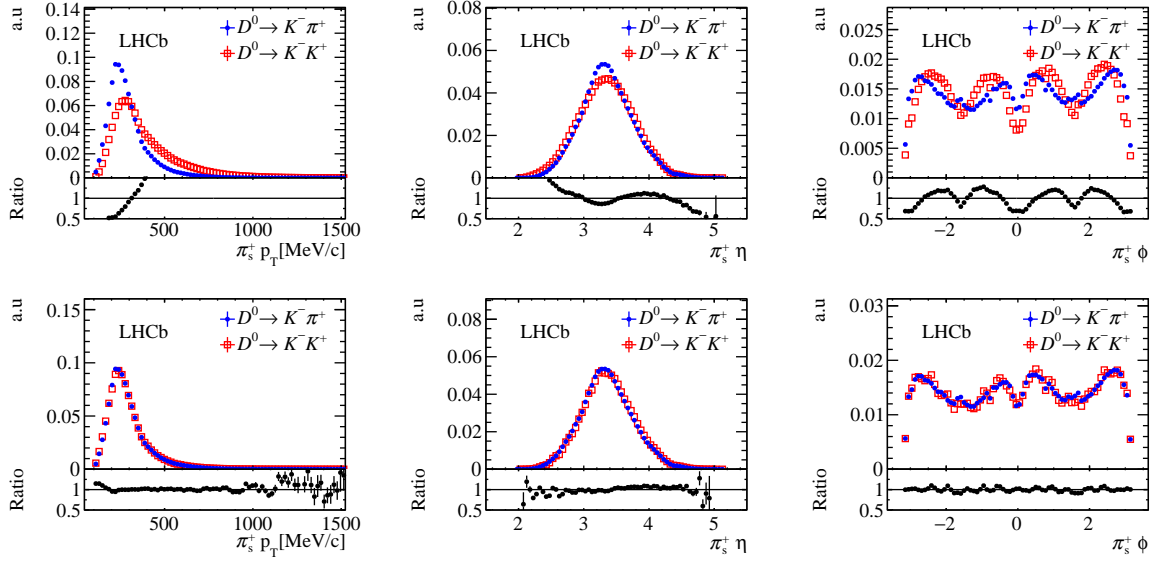


Figure 3: Normalised kinematic distributions of the π_s^+ in the weighting of $D^0 \rightarrow K^- K^+$ candidates to $D^0 \rightarrow K^- \pi^+$ candidates. In the top row, they are shown before, and in the bottom row, after weighting. The data sample taken in 2012 with magnet polarity up is shown.

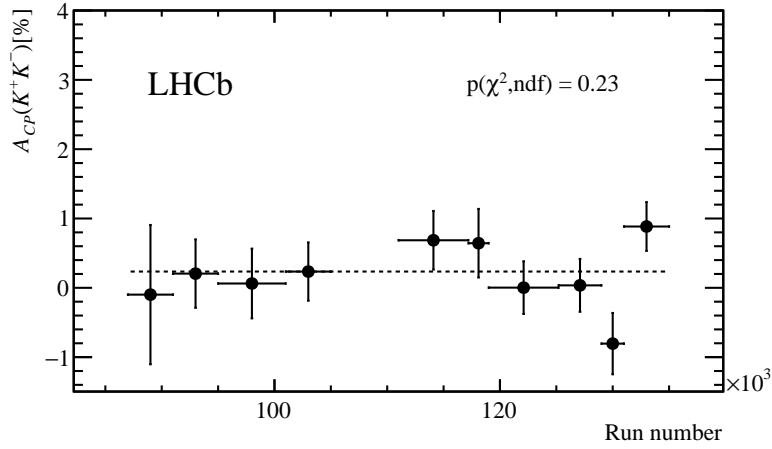


Figure 4: $A_{CP}(K^- K^+)$ as a function of the run number of the LHC. The full analysis is performed for each of the sub-samples individually. Additionally, the p -value for the hypothesis of independency is given.