

## Supplementary material

The equivalent of Fig. 1 in paper LHCb-PAPER-2017-003 for the data can be found in Fig. 1.

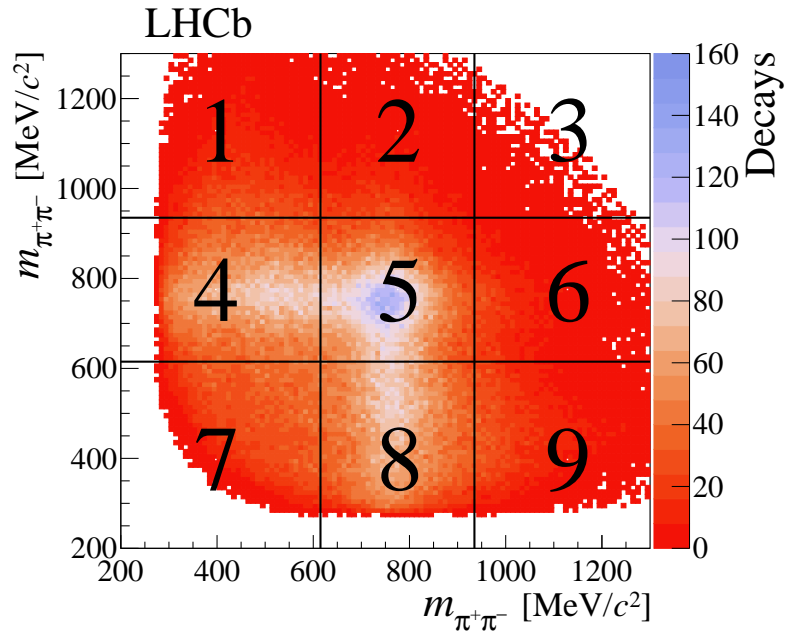


Figure 1: Distribution of candidates in the data in the plane spanned by the invariant masses  $m_{\pi^+\pi^-}$  of the two oppositely charged two-pion combinations. The distribution is symmetric by construction. The vertical and horizontal lines illustrate the sector boundaries.