

Supplementary material for LHCb-PAPER-2012-019

Figure 1 shows the results of the simultaneous fit to the $B^0 \rightarrow K^{*0}\gamma$ and $B_s^0 \rightarrow \phi\gamma$ yields to the ratio of branching fractions measurement as described in the main paper.

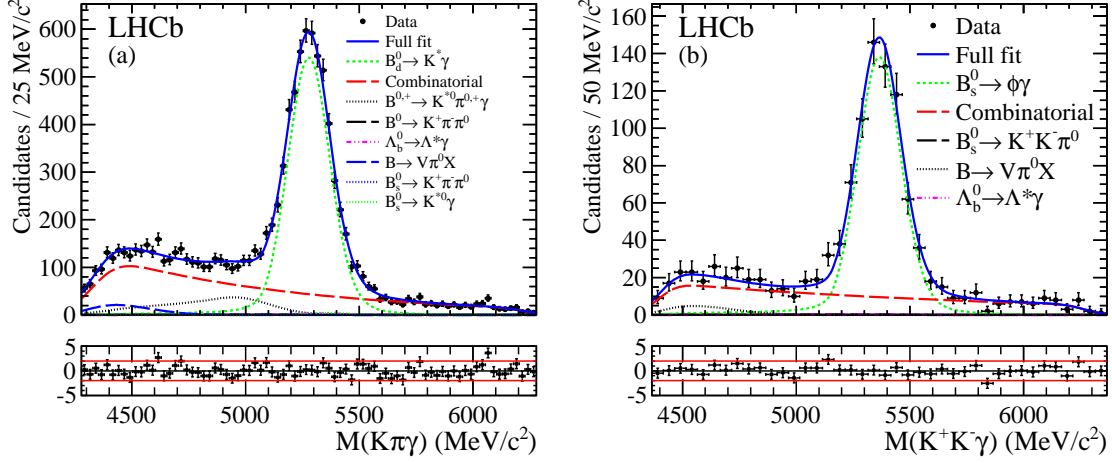


Figure 1: Simultaneous fit of the full 2011 data for (a) $B^0 \rightarrow K^{*0}\gamma$ and (b) $B_s^0 \rightarrow \phi\gamma$ candidates. The black points represent the data and the fit result is represented as a solid blue line. The various background components are also displayed. The Poisson χ^2 residuals, described in Ref. [22] of the main paper, are shown below the fits with the $\pm 2\sigma$ confidence-level interval delimited by solid red lines.