1 Supplementary material for LHCb-PAPER-2018-026

Figure 1 shows the comparison between $\Xi^{++}_{cc}$ mass measured from $\Xi^{++}_{cc} \rightarrow \Lambda^+_c K^- \pi^+ \pi^+$ and $\Xi^{++}_{cc} \rightarrow \Xi^+_c \pi^+$ channel, and the combined mass value using these two results.

Figure 1: Measured $\Xi^{++}_{cc}$ masses obtained with the decay modes $\Xi^{++}_{cc} \rightarrow \Lambda^+_c K^- \pi^+ \pi^+$ and $\Xi^{++}_{cc} \rightarrow \Xi^+_c \pi^+$, and the combined result. The darker green band represents the statistical uncertainty on the combination, and the lighter green band represents the total uncertainty on the combination.