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Measurements of hadronic B decay rates at Belle and Belle II

The Belle and Belle II experiments have collected a 1.2 ab^{-1} sample of $e^+e^- \rightarrow B\bar{B}$ collisions at a centre-of-mass energy corresponding to the $\Upsilon(4S)$. The study of hadronic B decays in these data allow the precise measurement of absolute branching fractions and angular distributions of the decay products. These measurements provide tests of QCD and allow the generation of more realistic simulation samples. We present measurements of the decays $\bar{B}^0 \rightarrow D^+\pi^-\pi^0$ and B decays to baryons. In addition, we search for the decays $B \rightarrow D^{(*)}\eta\pi$, which can be related to poorly known $B \rightarrow X_c\ell\nu$ decays that include an η meson in the final state.

Secondary track

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