

Measurements of radiative and electroweak penguin B decays without missing energy at Belle and Belle II

Friday 19 July 2024 17:15 (15 minutes)

The Belle and Belle II experiments have collected a 1.1 ab^{-1} sample of $e^+e^- \rightarrow B\bar{B}$ collisions at the $\Upsilon(4S)$ resonance. We present results on the radiative decays $B^0 \rightarrow \gamma\gamma$, $B \rightarrow \rho\gamma$ and $B \rightarrow K^*\gamma$. CP and isospin asymmetries are presented for the latter two decays. We also present results from decays involving $b \rightarrow s\ell^+\ell^-$ and $b \rightarrow d\ell^+\ell^-$ transitions, where ℓ is an electron or muon.

Alternate track

1. Beyond the Standard Model

I read the instructions above

Yes

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