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Recent results from LHCb on charged-current decays of b-hadrons

Semileptonic b-hadron decays proceed via charged-current interactions and provide powerful probes for testing the Standard Model and searching for New Physics effects. The advantages of studying such decays include the large branching fractions and reliable calculations of the hadron matrix elements. Several SM features may be studied, such as the CKM parameters, the properties of $b-$hadron production, form factor parameters and Wilson coefficients. In this contribution, recent LHCb results on this topic are presented.

Secondary track

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