

Measurement of the isospin asymmetry in $B \rightarrow K(^*) \mu \mu$ decays

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Using the large heavy flavour cross section at the LHC, the Standard Model can be probed more precisely than ever before. Results comparing the rates of neutral and charged rare B decays using 1.0 fb^{-1} of luminosity collected at the LHCb detector are presented. This so-called “isospin asymmetry” is expected to very close to zero in the SM, however results show a significant deviation from this prediction.

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