

b-baryons at the LHCb experiment

The study of b-baryon decays are sensitive probes of New Physics through the study of branching fractions, CP asymmetries and angular measurements. Additionally, measurements of spectroscopy can provide valuable experimental input for QCD. The LHCb experiment has collected a large dataset and features excellent detector performance. This provides the LHCb with unprecedented capabilities of providing the world's most precise measurements of properties and production of known baryons, as well as discovering many new unobserved states. In this talk, the latest results on spectroscopy and decays of b-baryons at LHCb will be shown.

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