

Hadron Spectroscopy and exotics at LHCb

The LHCb experiment is designed to study properties and decays of heavy flavoured hadrons produced from pp collisions at the LHC. During Run-1, it has recorded the world's largest data sample of beauty and charm hadrons, enabling precise spectroscopy studies of such particles. The discovery of the first pentaquark states and the first unambiguous determination of the $Z_c(4430)$ as an exotic state obtained by LHCb have dramatically increased the interest for the spectroscopy of heavy hadrons. An overview of the latest LHCb results on the subject is presented.

Summary

see Content

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