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Two-particle angular correlations studies in pPb and pp in LHCb

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Two-particle angular correlations are studied in proton-proton collisions at $\sqrt{s}$ =13TeV, collected with the LHCb detector at the LHC. LHCb detecor provides measurement in the very forward region, $2 < \eta < 5$. This region is complementary to other experiments and allows to explore low Bjorken-x region. A dedicated trigger to study the highest-activity events was used. A total of about 180 million minimum-bias events and 48 million high-acitvity events were used in this analysis.
The two-dimensional correlation function is studied as a function of dif- ference in pseudorapidity ($\Delta\eta$) and azimuthal angle ($\Delta\varphi$). The study was done for four different activity classes and four p_{T} classes. In high-activity events an enhancement is observed in the long range near side region, $2 < \Delta\eta < 2.5$,$\Delta\varphi \sim 0$.

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