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Dijet invariant mass measurement for pp and p-Pb at $\sqrt{s_{\rm NN}} = 5.02$ TeV with ALICE

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Properties of dijets may provide sensitive probes of jet quenching in Quark-Gluon Plasma. Dijet invariant mass measurements in small systems provide an essential baseline for such studies in Pb-Pb collisions. In this poster, we present the first measurements of dijet invariant mass in minimum bias pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV by ALICE. Jets are clustered using the anti- k_{T} algorithm with R=0.4, and an azimuthal angle of $\pi/2$ at minimum between the two jets. The dijet invariant mass is measured in the low mass range from 80 to $150~\mathrm{GeV}/c^2$.

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