

Overview and recent results of LHCf

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Large Hadron Collider forward (LHCf) experiment was motivated to study the hadronic interaction relevant to the air shower development at the very forward of the LHC interaction point. LHCf has measured particle production at LHC 0.9, 2.76, 7 and 13TeV proton-proton collisions and 5TeV proton-Lead collisions. LHCf has tested existing hadronic interaction models and provides strong constraints to the future model improvements. In this talk, we will present the major results of LHCf including the recent measurements at LHC 13TeV collisions.

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