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Charged-particle multiplicity dependence of Xi(1530)0 production in pp collisions at 13 TeV with ALICE at the LHC

Tuesday 11 June 2019 18:45 (2 hours)

Strangeness enhancement has been observed in high-multiplicity proton-proton (pp) collisions at the LHC for several multi-strange hadrons and shown to be in remarkable agreement with the measurements performed in p-Pb collisions. Resonance particles with different lifetimes can provide an interesting insight into the properties of the hadronic phase in high-multiplicity proton-proton (pp) collisions, in particular when compared to p-Pb results. In this poster, the measurement at mid-rapidity of the $\Xi(1530)^0$ production in pp collision at 13 TeV as a function of the charged-particle multiplicity will be presented and discussed.

Collaboration name

ALICE

Track

Strangeness and Light Flavour

Primary author: LIM, Bong-Hwi (Pusan National University (KR))

Presenter: LIM, Bong-Hwi (Pusan National University (KR))

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