

Soft QCD at 13 TeV at ATLAS and CMS

Wednesday 1 June 2016 16:30 (20 minutes)

Summary

The talk will summarise measurements of the total inelastic proton-proton cross-section and charged particle distributions by ATLAS and CMS at 13 TeV. These measurements provide necessary inputs to non-perturbative models of soft QCD, and the transition region between non-perturbative and perturbative calculations. The results are compared to popular Monte-Carlo generators in collider, and cosmic shower physics.

Author: YACOOB, Sahal (Cape Town)

Presenter: YACOOB, Sahal (Cape Town)

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