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MB and MC tuning at LHCb

Monday, November 18, 2019 3:20 PM (20 minutes)

Results from LHCb measuring bulk properties of minimum bias events, as well the inelastic cross-section will be summarized. Using these results, a tuning campaign for Pythia 8, specific to the LHCb fiducial volume, is underway and explores some of the newly available colour reconnection models. Some highlights from this tuning campaign will be presented.

Presenter: ILTEN FOR THE LHCb COLLABORATION, Philip (University of Birmingham (GB))

Session Classification: Monte Carlo, MB & UE

Track Classification: Monte Carlo, MB and UE