Contribution ID: 37 Type: not specified

CMS underlying event and double parton scattering tunes

Thursday, 14 December 2017 14:20 (15 minutes)

Several new double parton scattering (DPS) tunes are constructed in order to investigate the compatibility between the values of the UE parameters determined from fitting UE observables and the values determined from fitting DPS-sensitive observables. In addition, the predictions of the DPS-based tunes are tested against UE observables at 13 TeV.

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Session Classification: WG2: MC Development and Tuning