

Inclusive W/Z productions at CMS

Tuesday 28 July 2009 15:20 (20 minutes)

At LHC, the production cross sections of the W/Z bosons are at tens to hundreds nanobarns level. Studies of these processes can not only help the detector commissioning, but also help to establish standard candles for exploring beyond-the-SM physics, such as searches for Zprime, Wprime particles. The leptonic decays of W/Z bosons are expected to have very high trigger efficiency and signal to background ratio, therefore they are ideal channels to study the W/Z properties, such as cross sections and asymmetries in details. In this talk, early CMS results on inclusive W/Z productions at 10 TeV center-of-mass energy are discussed.

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Session Classification: Electroweak Physics I

Track Classification: Electroweak Physics [W/Z]