

W & Z boson production (LHC)

Thursday, July 16, 2009 10:12 AM (18 minutes)

The LHC is a discovery machine. Both CMS and ATLAS detectors are ready for collecting the first data from the pp collisions. Electroweak measurements is an important tool to demonstrate the detectors physics performance and to understand new physics scenarios since W & Z bosons are the building block of some of them . This talk is focused in the study of the W & Z boson production with the early data, the study of Z forward-backward asymmetry and the W charge assymetry

Primary author: Dr KYRIAKIS, Aristotelis (NCSR Demokritos)

Presenter: Dr KYRIAKIS, Aristotelis (NCSR Demokritos)

Session Classification: VII. Standard Model Electroweak Physics

Track Classification: Standard Model Electroweak Physics