



Contribution ID: 1187

Type: QCD & EW

Measurements of V +jets production in CMS

Wednesday 26 May 2021 18:15 (15 minutes)

The study of the associated production of vector bosons and jets constitutes an excellent environment to check numerous QCD predictions. Total and differential cross sections of vector bosons produced in association with jets has been studied at CMS. Differential distributions as function of a broad range of kinematical observables are measured and compared with theoretical predictions. These processes are very important to understand, and they constitute an important source of background for Higgs boson production measurements, and searches for new particles.

Summary

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Session Classification: QCD & EW II