BPU11 CONGRESS



Contribution ID: 119 Contribution code: S05-HEP-106 Type: Oral presentation

Vector boson associated with jets in CMS

Monday, 29 August 2022 17:25 (10 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 have been studied in pp collisions using CMS data. Differential distributions as a function of a broad range of kinematical observables are measured and compared with theoretical predictions.

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Session Classification: S05 High Energy Physics (Particles and Fields)

Track Classification: Scientific Sections: S05 High Energy Physics (Particles and Fields)