

Vector Boson + Jets Production at CMS

Thursday 28 August 2014 14:40 (20 minutes)

Vector Boson + Jets production measurements are tests of perturbative QCD calculations and PDFs. Hence these measurements provide us chances to verify MC generators and the background modeling techniques of many searches. We will present measurements of the vector boson + jet production in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV, using the data collected with the CMS detector. The results of the production cross section, differential cross sections as a function of jet or boson kinematic variables and the angular correlation between the boson and the jets will be included in this talk.

Primary author: LU, Yun-Ju (National Central University)

Presenter: LU, Yun-Ju (National Central University)

Session Classification: Standard model physics at the TeV scale

Track Classification: 6) Standard model physics at the TeV scale