ID de Contribution: 839

## W and Z production measured using the ATLAS detector, and impact on partons densities of the proton

vendredi 22 juillet 2011 18:00 (15 minutes)

Cross sections, both inclusive and differential, and ratios of cross sections for W and Z boson production in proton-proton collisions are presented. The measurements are compared to the predictions of precise QCD calculations using and range of PDF fits. The impact of these measurements on evvnt generators, future fits and their uncertainties is studied.

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Classification de Session: QCD

Classification de thématique: QCD