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Measurement of W and Z boson production in pp at $\sqrt{s} = 7$ TeV with the ATLAS detector

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The first measurement of the production cross-sections for W and Z bosons in proton-proton interactions at $\sqrt{s} = 7$ TeV are reported from the ATLAS experiment. Based on its excellent capability for reconstructing both high p_T electrons and muons, the electron and the muon decay modes of the W/Z bosons are compared. First results for the ratio of W/Z production and of W^+/W^- production will also be described.

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