

Abstract Submitted
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WZ di-boson production cross section RAHMI UNALAN, Michigan State University, D0 COLLABORATION — The Standard Model (SM) predicts standard self-couplings of the bosons mediating electroweak interactions. Measuring these couplings is a powerful test of the SM's validity. I present a study searching for di-boson (WZ) final states using data collected by D0 experiment at the Tevatron, which collides protons and anti-protons at a center of mass energy of 1.96 TeV. For the first time we will use the final state where the Z boson decays to two charged leptons and the W boson decays to two quarks.

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