

Abstract Submitted
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Measurement of Inclusive W Production Cross Section in the Electron Channel HAI DUONG NGUYEN, Brown University, CMS COLLABORATION — Precision electroweak measurements are one of the first priorities for the LHC physics program with the first data. We discuss measurement of the W production cross section in the electron decay channel using the data-driven approach to estimate signal efficiency and the background. The expected measurement uncertainties for the data sets corresponding to the integrated luminosities between 100 pb^{-1} and 1 fb^{-1} are discussed.

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