



ID de la contribución : 938

Tipo : Oral presentation

Measurement of the differential W^+W^- production cross section with jets at in $p\bar{p}$ collisions at CDF

sábado, 5 de julio de 2014 15:15 (15)

We present a measurement of the W boson pair production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. The WW candidates are reconstructed from decays containing two charged leptons and two neutrinos, where the charged leptons are either electrons or muons. The measurement is performed using data collected by the CDF II detector from 9.7 fb^{-1} of integrated luminosity. The total and differential cross section vs. the number of observed jets and the jet transverse momentum are presented.

Summary

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Clasificación de la sesión : Top-quark and ElectroWeak Physics

Clasificación de temáticas : Top-quark and ElectroWeak Physics