

Abstract Submitted
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Measurement of the Charge Asymmetry in Top Production in Proton-Antiproton Collisions at D0 AMNON HAREL, University of Rochester, D0 COLLABORATION — We report on the first measurement of the forward-backward asymmetry in top quark production in proton-antiproton collisions based on 0.9 fb^{-1} of data. If the component of the top quark momentum along the proton direction is larger than that of antitop the asymmetry is defined as positive and negative otherwise. Top and antitop momenta are reconstructed in lepton+jets sample using b-tagging information and kinematic constraints.

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