

Abstract Submitted
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Measurement of the charge asymmetry in $t\bar{t}$ production in proton-antiproton collision at D0 AMNON HAREL, University of Rochester, D0 COLLABORATION — We report on the measurement of forward-backward asymmetry in $t\bar{t}$ production in proton-antiproton collisions. 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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