

Abstract Submitted
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Measurement of the $t\bar{t}$ production cross section at D0 using lepton + track events DMITRI DENISOV — We report on the measurement of the $t\bar{t}$ production cross section with candidate events in the dilepton final state in which only one of the leptons satisfies our usual identification criteria, while the other appears as an isolated charged track. The $t\bar{t}$ signal is discriminated from background processes by requiring at least one b-tagged jet and using kinematic criteria that exploits the presence of neutrinos and energetic jets in $t\bar{t}$ events.

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