

Abstract Submitted
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Measurement of the $t\bar{t}$ production cross section at D0 using event kinematics HWIDONG YOO, Brown University, D0 COLLABORATION — We report on the measurement of the $t\bar{t}$ production cross section using candidate events in the lepton+jets final state. We separate the $t\bar{t}$ signal from background processes using kinematic information. Several kinematic variables are combined into a multivariate discriminant to maximize the separation between signal and background.

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