

Abstract Submitted  
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**Measurement of the  $t\bar{t}$  production cross section at D0 using all-hadronic events** MARC-ANDRE PLEIER, DZERO COLLABORATION —

We report on the measurement of the  $t\bar{t}$  production cross section with candidate events in the all-hadronic final state. The  $t\bar{t}$  signal is discriminated from the QCD multijet background process by requiring at least one b-tagged jet and by using kinematic criteria. Several kinematic criteria are combined into a neural network to maximize the discrimination between signal and background.

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