

Abstract Submitted  
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**Measurement of  $t\bar{t}$  production cross-section in all-hadronic channel** ALEXANDER SUKHANOV, JACOBO KONIGSBERG, GHEORGHE LUNGU, CDF COLLABORATION — We present here the measurement of the  $t\bar{t}$  production cross section in the all-hadronic channel, where both  $W$ 's decay hadronically. The analysis is performed using  $311 \text{ pb}^{-1}$  of  $p\bar{p}$  collisions collected with a multijet trigger at  $\sqrt{s} = 1.96 \text{ GeV}$  with the Collider Detector at Fermilab. After the application of an optimized kinematical selection we observe an excess of events with 6 or more jets, including one or more  $b$  jets, relative to background expectations. Based on this excess we measure the production cross section  $\sigma_{t\bar{t}} = 7.5^{+3.7}_{-2.8} \text{ pb}$ .

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