

Abstract Submitted
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Studying Top Quarks at the Fermilab Tevatron SARAH HENRY, ZIQING HONG, DAVID TOBACK, Texas A&M University, RYAN EDGAR, JON WILSON, Univeristy of Michigan, DANTE AMIDEI, University of Michigan — The Fermilab Tevatron is one of only two places in the world where a particle accelerator was able to create top quarks in a collision and study their properties; the other being the Large Hadron Collider (LHC). We study the top quarks produced at the Tevatron from proton antiproton collisions. In this case, the top quarks are expected to be produced in a direction closer to the initial proton beam. We present our results and find that some deviations have been observed, and discuss the potential implications for particle physics.

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