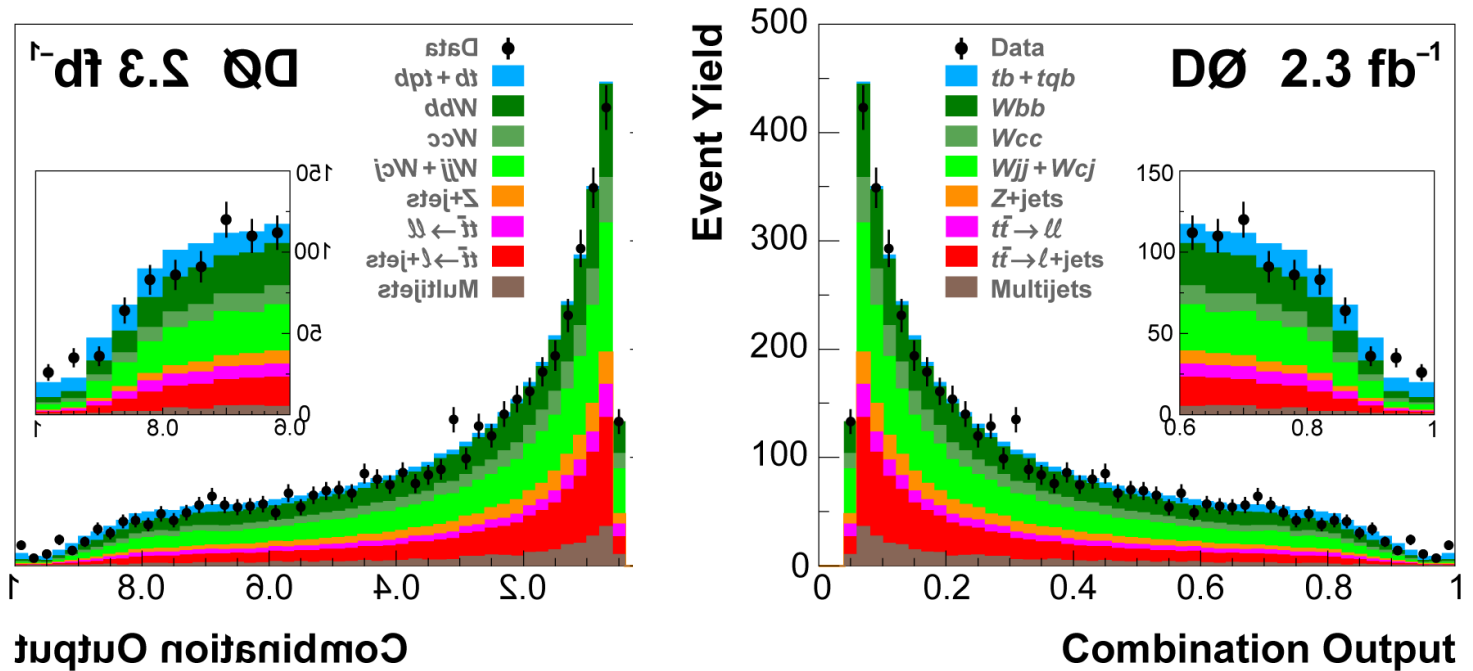


Boston University
High Energy Experiment Seminar



Observation of single top quark production

The D0 experiment studies top quark production in proton-antiproton collisions at 2 TeV at the Fermilab Tevatron. The top quark was discovered in 1995 at the Tevatron in top-antitop quark production through the strong interaction. The production of single top or antitop quarks via the electroweak interaction was only observed recently. The observation of this production mode provides an illustration of the power of state-of-the-art analysis techniques and opens the window for studies of top quark properties that were up to now not accessible. In this talk, I will present the results obtained by the D0 experiment.

Ulrich Heintz

Boston University

April 16, 2009 (Thursday) at 3:30pm
3 Cummington St., Room 595, Boston University