

Abstract Submitted
for the APR10 Meeting of
The American Physical Society

Single Top Quark Production at D0 Using Bayesian Neural Networks ALICE BEAN, University of Kansas — We present a measurement of the single top production cross section based on 5.4/fb of data collected by the D0 experiment at the Fermilab Tevatron proton-antiproton collider. The signal is separated from the background using a Bayesian Neural Network.

Cecilia E. Gerber
University of Illinois at Chicago

Date submitted: 11 Dec 2009

Electronic form version 1.4