Contribution ID: **148** Type: **not specified**

A Study of Z->e+e- and Z->mu+mu- Events Produced at Low Transverse Momentum Using a Novel Technique with the D0 Detector

Using a novel technique we present a precise measurement of the low transverse momentum region of Z boson production in proton-antiproton collisions at 2 TeV centre of mass energy. The measurement is corrected for experimental acceptance and resolution and is presented in bins of Z boson rapidity. The full currently available D0 Run II data set in the dielectron and dimuon channels is employed.

Primary authors: JUSTE, Aurelio (Fermilab); SOLDNER-REMBOLD, Stefan (University of Manchester)

Presenter: SOLDNER-REMBOLD, Stefan (University of Manchester)

Track Classification: Poster session