

Abstract Submitted
for the APR10 Meeting of
The American Physical Society

Measurement of WZ cross section at D0 CARRIE MCGIVERN, University of Kansas — Measurements of the WZ diboson cross section are interesting both as a test of the Standard Model and as a potential indicator of new physics. We present a measurement of the WZ cross section using the fully leptonic decay mode of $ll\nu$ final states in $p - \bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV with 5 fb^{-1} of data taken at the DØ experiment at the Tevatron. This measurement includes, for the first time, the ICR (Inter-Cryostat Region) for the electron acceptance.

Cecilia E. Gerber
University of Illinois at Chicago

Date submitted: 22 Oct 2009

Electronic form version 1.4