

Abstract Submitted
for the APR09 Meeting of
The American Physical Society

Measurement of the WZ diboson cross section at D0 JAMES KRAUS, Michigan State University, D0 COLLABORATION — 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 $\ell\ell\nu$ decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using 3.6 fb^{-1} of data taken at the D0 experiment at the Tevatron. Here, ℓ means either an electron or a muon.

Elizaveta Shabalina
II. Physikalisches Institut, Universität Göttingen

Date submitted: 05 Jan 2009

Electronic form version 1.4