

Diboson Production at D0

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We present recent diboson production measurements from the D0 experiment at Fermilab's Tevatron collider. The production of ZZ has been observed using leptonic final states. Zgamma production has been observed and used to set the most stringent limits from a hadron collider on anomalous Zgammagamma and ZZgamma trilinear gauge couplings (TGCs). WW and WZ events with semi-leptonic final states are used to set limits on anomalous WWZ and WWgamma TGCs. Lastly, we present limits on anomalous WWZ and WWgamma TGCs obtained from a combination of the fully-leptonic Wgamma, WW, and WZ channels and the semi-leptonic WW and WZ channels, giving the most stringent limits from a hadron collider.

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