

Combined Limits on Anomalous Couplings at the D0 experiment

We present the direct measurement of trilinear gauge boson couplings in the $WW+WZ \rightarrow \ell\nu jj$ final state using proton-anti-proton collisions at $\sqrt{s}=1.96$ TeV. Analysed data correspond to 1.07 fb⁻¹ of integrated luminosity collected with the D0 detector at the Fermilab Tevatron. The 95 % C.L. limits are set using two different relation between the anomalous Z and gamma exchange terms in WW/WZ production. In addition we combine the result from the $\ell\nu jj$ final state with other D0 results from fully leptonic final states in $W\gamma$, WW and WZ production.

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Track Classification: Electroweak Physics [W/Z]