

Anomalous WW gamma quartic and trilinear coupling in photon-induced processes

We present a new method to test the Standard Model expectations at the LHC using photon-induced WW production. Both W decay in the main ATLAS or CMS detectors while scattered protons are measured in forward detectors.

The sensitivity to anomalous WW gamma quartic and triple gauge coupling can be improved respectively by more than three orders of magnitude or a factor 30 compared to the present LEP limits.

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