

Diboson production at ATLAS and CMS

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Summary

The ATLAS and CMS collaborations have carried out a set of measurements that provide stringent tests of the electroweak sector of the Standard Model in proton-proton collisions at different centre-of-mass energies from 7 to 13 TeV. Differential and total production cross sections for di-boson processes, including vector boson fusion and vector boson scattering, are derived and compared to higher order predictions of the Standard Model. Model-independent constraints on new physics are determined, by setting limits on anomalous triple and quartic gauge-boson couplings.

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