

New Results on Vector Boson Scattering Processes with the ATLAS Detector

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Measurements of the cross sections of the vector-boson scattering processes at the LHC constitute stringent tests of the electroweak sector of the Standard Model and provide a model-independent means to search for new physics at the TeV scale. The ATLAS collaboration observed the electroweak production of WZ and same-signed WW pairs in vector boson scattering processes at a center of mass energy of 13 TeV using the 2015+2016 data-sets. We present the corresponding analyses in detail and discuss the compatibility to theory predictions.

Presenter: XU, Wenhao (University of Michigan (US))

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