

Recent electroweak results from ATLAS

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Summary

ATLAS measurements of multi-boson production processes involving combinations of W, Z and isolated photons are summarized. Production processes sensitive to vector-boson fusion and vector-boson scattering such as electroweak production of single vector boson associated with two forward jets and the di-boson production at 8 TeV p-p collisions are also presented and compared to Standard Model expectations. A measurement of the cross section and branching fraction for $Z \rightarrow 4$ leptons are presented and are found consistent with the expectation from the Standard Model. Measurements of Standard Model parameters are performed with high precision by ATLAS, such as the weak mixing angle, and are compared to world averages.

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