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ATLAS measurements of vector boson production

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Vector boson production in pp collisions at 7 TeV has been extensively studied by ATLAS.

Recent results include the measurement of Drell-Yan differential production cross section and of jets and heavy flavours production in association with vector bosons.

The Drell-Yan cross-section measurements are compared to NNLO QCD predictions corrected for NLO EW effects calculated using various PDF sets.

Measurement of $W + c$ production cross section probes the strange quark density.

An overview of these results is given.

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