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Measurement of Z boson production in association with jets at ATLAS

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Measurements of W/Z-boson production in association with jets are an important test of perturbative QCD prediction and also yield information about the parton distribution functions of the proton. Cross sections for Z-boson production in association with jets of high transverse momentum are presented. We will also discuss results of Z-boson production in association with heavy-flavour jets. If available measurements of the Z boson kinematics with inclusive selections will be presented. The data are compared to theoretical predictions provided by various Monte Carlo event generators.

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