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## Electroweak production and hadronic activity in events with a Z and forward/backward jets with CMS

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The measurement of the electroweak production cross section of a Z-boson with two jets in proton-proton collisions by the CMS experiment is presented. The cross section is measured in dielectron and dimuon final states and the measurement, combining different methods and channels is in agreement with the theory prediction. The hadronic activity in events with Z-boson production in association with jets is also studied, in particular in the rapidity interval between the associated forward/backward jets.

### Summary

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