

W and Z production and properties

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We present recent measurements of W and Z boson production using the CMS detector at the LHC at CERN. The production mechanisms of these processes are well understood within the Standard Model, and their high-precision measurements help confirm the fundamental principles of particle physics. Moreover, they serve as “standard candles” for probing other processes and for the search for signs of new physics. The results shown here are based on data collected during the Run 2 period.

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