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## Measurement of J/psi and Upsilon production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the CMS experiment

The first measurements of the J/psi and Upsilon production cross sections in proton-proton collisions at 7 TeV, as measured by the CMS experiment using the dimuon decay channel are presented. For the J/psi we give the inclusive and the prompt differential cross sections versus transverse momentum. For the Upsilon, we present the 1S cross section versus transverse momentum and the (2S+3S)/1S cross-section ratio.

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