

Measurement of $Y(nS)$ production at 7 TeV with the CMS experiment

The Y production cross section in proton-proton collisions at $\sqrt{s} = 7$ TeV is measured using a data sample collected with the CMS detector at the LHC. We also report the measurement of the $Y(1S)$, $Y(2S)$, and $Y(3S)$ differential cross sections as a function of transverse momentum and rapidity.

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Classification de th matique: QCD