

Measurement of J/psi cross section in pp collision at $s=\sqrt{13\text{TeV}}$

Abstract

We show the measurement of the production cross section of J/psi in of pp collisions at $s = 13 \text{ TeV}$ is presented. The measurement is performed using 2.7 fb^{-1} of data collected by the CMS experiment at the LHC in the year 2015, detecting the decay $J/\psi \rightarrow \mu^+ \mu^-$. We present the results in terms of differential cross sections in several rapidity and transverse momentum ranges.

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