

## **J/psi analysis in proton+proton at 7 TeV in the ALICE muon spectrometer using a $p_T - y$ correction method.**

ALICE (A Large Ion Collider Experiment) is the LHC experiment dedicated to the study of the Quark Gluon Plasma (QGP) using heavy-ion collisions. Heavy quarkonium measurements in pp collisions are very important to constraint the different models available and as a reference for heavy ion collisions. Acceptance x efficiency corrections are a fundamental step of the analysis in order to extract the cross-section. In this poster, I will present a J/psi inclusive analysis in the di-muon channel on a large sample of pp data at 7 TeV. Acceptance and efficiency corrections will be performed as a function of the transverse momentum and rapidity on the J/psi.

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