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STAR results on central exclusive production in pp collisions

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Preliminary measurement of the Central Exclusive Production of the two oppositely charged pions produced in the process $pp \rightarrow pp\pi^+\pi^-$, obtained with the STAR detector at RHIC at $\sqrt{s} = 200$ GeV is presented. The Roman Pots were used to tag forward protons while pion pair tracks were reconstructed in the STAR Time Projection Chamber (TPC).

Predictions of models based on Regge phenomenology are compared to the spectra of the kinematical variables corrected for detector acceptance and efficiency.

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