

Central Exclusive Production with the STAR detector at RHIC

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Summary

In this talk we shall present recent results on Central Exclusive Production from the STAR experiment at the RHIC in pp and AuAu collisions. We shall present the measurement of vector meson production in gold-gold ultra peripheral collisions. Comparisons to model calculations involving different initial conditions are discussed. We shall also present the preliminary result on invariant mass distribution of the pion production in proton-proton scattering with forward protons tagged using Roman Pots. The non-exclusive background estimated from events with like-sign track pairs does not exceed few percent. Plans for the future will also be discussed.

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