In pp, we show that both lead to consistent results. The merged-cluster splitting strategy is used to extract neutral pion-hadron azimuthal correlation in real and mixed event in pp collisions.

References:

In pp and Pb-Pb, we show that both lead to consistent results. The merged-cluster splitting strategy is used to extract neutral pion-hadron azimuthal correlation in real and mixed event in pp and Pb-Pb. For the measurement of nuclear suppression factors $I_{h}(p_{T},\Delta \eta)$ and $I_{h}(p_{T},\Delta \phi)$, the background in Pb-Pb as well as the tracking efficiency needs to be obtained.

In this poster, we present neutral pion-merged-hadron azimuthal correlations with neutral pion trigger reconstructed by two methods based on two different clusterizer algorithms.

In pp, we show that both lead to consistent results. The merged-cluster splitting strategy is used to extract neutral pion-hadron azimuthal correlation in real and mixed event in pp and Pb-Pb. For the measurement of nuclear suppression factors $I_{h}(p_{T},\Delta \eta)$ and $I_{h}(p_{T},\Delta \phi)$, the background in Pb-Pb as well as the tracking efficiency needs to be obtained.

In this poster, we present neutral pion-merged-hadron azimuthal correlations with neutral pion trigger reconstructed by two methods based on two different clusterizer algorithms.

In pp and Pb-Pb, we show that both lead to consistent results. The merged-cluster splitting strategy is used to extract neutral pion-hadron azimuthal correlation in real and mixed event in pp and Pb-Pb. For the measurement of nuclear suppression factors $I_{h}(p_{T},\Delta \eta)$ and $I_{h}(p_{T},\Delta \phi)$, the background in Pb-Pb as well as the tracking efficiency needs to be obtained.

In this poster, we present neutral pion-merged-hadron azimuthal correlations with neutral pion trigger reconstructed by two methods based on two different clusterizer algorithms.

In pp and Pb-Pb, we show that both lead to consistent results. The merged-cluster splitting strategy is used to extract neutral pion-hadron azimuthal correlation in real and mixed event in pp and Pb-Pb. For the measurement of nuclear suppression factors $I_{h}(p_{T},\Delta \eta)$ and $I_{h}(p_{T},\Delta \phi)$, the background in Pb-Pb as well as the tracking efficiency needs to be obtained.