

Abstract Submitted
for the APR17 Meeting of
The American Physical Society

Angular spectrum analysis in heavy ion collisions FELIPE J. LLANES-ESTRADA, Univ Complutense, JOSE L. MUOZ MARTNEZ, Univ. Complutense Madrid — Heavy Ion Collisions serve to study some features of early-universe cosmology. In this contribution we adapt data analysis frequently used to understand the Cosmic Microwave Background anisotropies (such as the Mollweide projection and the angular power spectrum) to heavy ion collisions at the LHC. We examine a few publicly available events of the ALICE collaboration under this light. Because the ALICE time projection chamber has limited coverage in rapidity and some blind angles in the transverse plane, the angular spectrum seems very influenced by the detector's acceptance.

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Date submitted: 30 Sep 2016

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