

Jet Quenching with ATLAS and CMS

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An overview of the most recent results on jet quenching physics obtained using PbPb collision data collected with the ATLAS and the CMS experiments at $\sqrt{s} = 2.76$ TeV will be presented. These measurements make use of many different observables, including momentum imbalance of dijet and photon-jet events, nuclear modification factors R_{AA} and R_{CP} , as well as jet fragmentation functions, jet shapes, and flavor dependence of jet quenching. The measurements in PbPb collisions will be compared to those obtained from pp collisions at the same center-of-mass energy. The effects of the parton energy loss in the hot and dense medium probed with the different observables will be discussed.