

## High- $p_T$ suppression of Lambda and K0s in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE

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Significant suppression of unidentified charged particles at large transverse momentum has been observed in central Pb-Pb collisions at the LHC.

Measurements of identified particles will provide more detailed information on the suppression mechanism. The production of Lambda and K0s at mid-rapidity in pp and Pb-Pb at  $\sqrt{s_{NN}} = 2.76$  TeV is studied with the ALICE detector at the LHC. Lambda and K0s are measured by reconstructing their weak decays into charged hadrons, employing the tracking capabilities of the ALICE central barrel. The analysis of Lambda and K0s production in Pb-Pb is performed in intervals of the collision centrality and compared to results from pp at the same collision energy. We discuss the centrality dependence with particular emphasis on strange particle suppression at high  $p_T$ .

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