

K0s and Lambda production in PbPb collisions with the ALICE experiment

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We present the study of K0s and Lambda production performed with the ALICE experiment at the LHC in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV and pp collisions at $\sqrt{s}=0.9$ and 7 TeV.

The K0s and Lambda particles are reconstructed via their V0 decay topology allowing their identification up to high transverse momenta.

The corresponding baryon/meson ratios as a function of transverse momentum are extracted for Pb-Pb collisions in centrality bins and

in the transverse momentum range from 1 to 10 GeV/c.

They are also compared with the ones measured in pp events at the LHC energies of 0.9 and 7 TeV as well as in Au-Au collisions at $\sqrt{s_{NN}}=0.2$ TeV from RHIC.

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