

## Multi-strange particle measurements in 7 TeV proton-proton and 2.76 TeV PbPb collisions with the ALICE experiment at the LHC

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The production of charged multi-strange particles is studied with the ALICE experiment at the CERN LHC. Measurements of the central rapidity yields of  $\Xi^-$  and  $\Omega^-$  baryons, as well as their antiparticles, are presented as a function of transverse momentum ( $p_T$ ) for inelastic pp collisions at  $\sqrt{s} = 7 \text{ TeV}$  and compared to existing measurements performed at the same and/or at lower energies. The results are also compared to predictions from PHOJET and several tunes of the PYTHIA event generators. We find that data significantly exceed the production rates from those models, everywhere except potentially for high  $p_T$ , where hard QCD processes dominate. Finally, we present the status of the multi-strange particle production studies in Pb-Pb at  $\sqrt{s} = 2.76 \text{ TeV}$  performed as a function of collision centrality.

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