

Measurement of $\pi/K/p$ spectra with ALICE in proton-proton collisions at $\sqrt{s} = 900$ GeV and $\sqrt{s} = 7$ TeV

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The ALICE experiment features several particle identification systems, which allow us to measure spectra in a broad range of transverse momentum p_t from 100 MeV/c up to a few GeV/c.

New results on identified charged particle p_t spectra measured in proton-proton collisions at $\sqrt{s} = 7$ TeV will be presented.

They will be compared to results obtained at 900 GeV and lower energies, theoretical models and commonly used event generators.

The large statistics collected in collisions at $\sqrt{s} = 7$ TeV allows us to measure the spectra and yields as a function of the event multiplicity, reaching a $dN/d\eta$ comparable to nuclear collisions at lower energy. The status and perspective of such measurement will also be presented.

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