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Search for collective phenomena in high multiplicity pp and p-Pb collisions with the ALICE experiment

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The measurement of transverse momentum (p_T) spectra for light flavor hadrons (π , K, p) as a function of event multiplicity in $\sqrt{s}=7$ TeV pp collisions is presented. Based on these results, the integrated yields, mean p_T and ratios of baryon to meson spectra are extracted. Common patterns in the evolution of the spectral shapes in pp, p-Pb and Pb-Pb collisions are observed and compared to predictions from hydrodynamical models.

On behalf of collaboration:

ALICE

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