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First results on spectra of identified hadrons in central Xe+La collisions from NA61/SHINE at CERN SPS

Tuesday, 5 September 2023 17:30 (2h 10m)

The first results on identified hadron spectra produced in central Xe+La collisions at SPS will be presented. The kinematic distributions and measured multiplicities of identified hadrons will be compared with previously released by NA61/SHINE results on p+p, Be+Be, Ar+Sc and NA49 Pb+Pb results, as well as with available world data.

Obtained results, and in particular ratio of positively charged kaons to pions, are crucial for the understanding of the phenomena of the onset of deconfinement and the onset of fireball, which are one of the main studies in the strong interactions program of the NA61/SHINE experiment.

Category

Experiment

Collaboration (if applicable)

NA61/SHINE

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