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Blast-wave fits with resonances to pt spectra from Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV

We fit the single-hadron transverse-momentum spectra measured in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the blast-wave model that includes production via resonance decays. Common fit to pions, kaons, (anti)protons, and lambdas yields centrality dependence of the freeze-out temperature and transverse expansion velocity. Multistrange baryons seem to decouple at higher temperature and weaker transverse flow. Within our model we observe hints of chemical potential for the charged pions. We analyse how resonances with different masses contribute to various pt intervals in the pion spectrum.

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