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## Predictions of hadronic observables in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV from a hadronic rescattering model

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We employ a simple kinematic model based on the superposition of p+p collisions, relativistic geometry, and final-state hadronic rescattering to predict a number of hadronic observables in  $\sqrt{s_{NN}} = 2.76$  TeV Pb+Pb collisions. The current study uses a model similar to [Humanic10], but includes an additional procedure (“squeeze procedure”) to better fit the predicted pseudorapidity distribution to the experimental data. In addition, we vary to model hadronization time ( $\tau = 0.1, 0.2, 0.3$  fm/c) to gain a better understanding of our systematic errors. We find that the simple model fits the data well qualitatively, and in many cases quantitatively. Furthermore, the model is found to be robust in the sense that the squeeze procedure and (limited) variation in the hadronization proper time do not significantly affect our results.

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