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TMVA optimization of KF Particle Finder

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In this presentation, I would like to introduce TMVA optimization of KF Particle Finder. This is a framework we are now using for reconstruction of short lives particles at the STAR experiment. For this, I will briefly describe STAR detector and the measured variables which we need for the particle reconstruction. Also the basics of the KF Particle Finder will be introduced. At the end of the presentation, the usage of the BDT method and the results gained with this method will be presented.

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