



# Update on preTDR plots

**Shyam Kumar\***, Annalisa Mastroserio, Domenico Elia INFN Bari, Italy

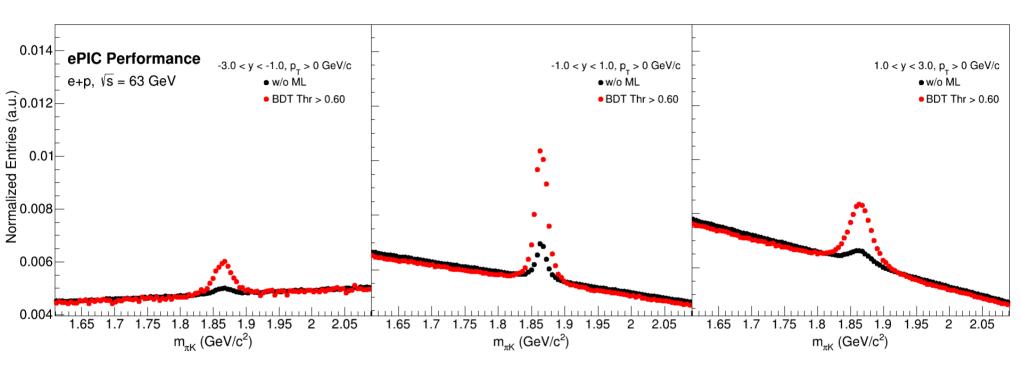
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hipe4ml package for ML Ref: https://doi.org/10.5281/zenodo.5070131

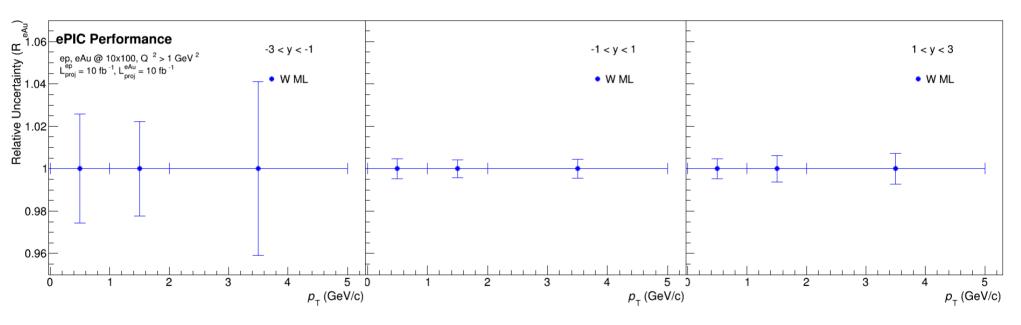
## Invariant Mass (D0) with Machine Learning

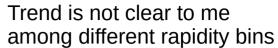


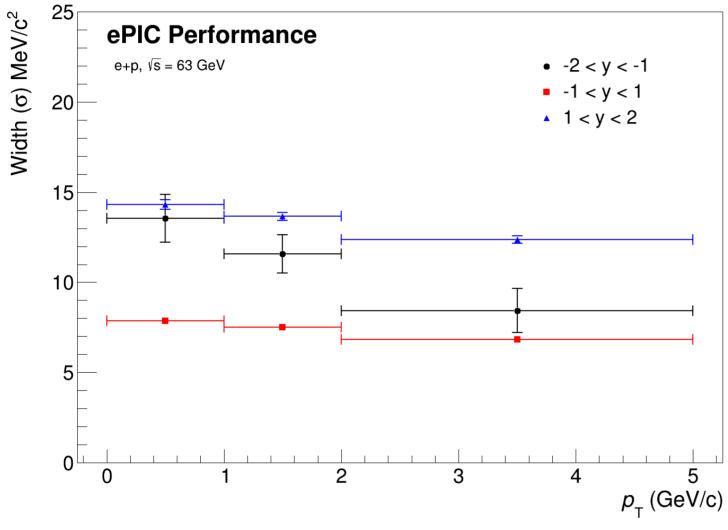
w/o ML: stands for only PID selection applied

### Statistical Projection of ReAu for D0 meson

ep, eAu ~10fb<sup>-1</sup>

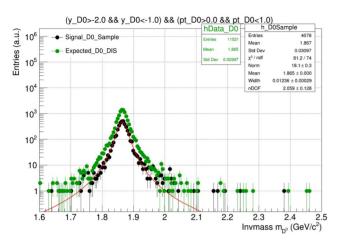


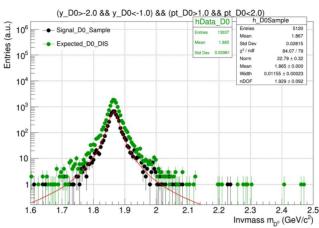


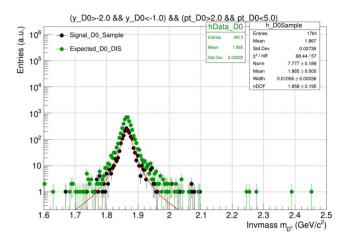


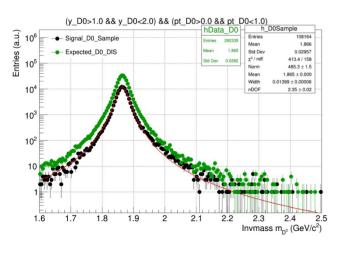
#### **Invariant Mass D0 Sample**

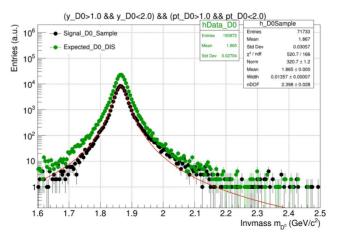
#### Green marker sampled to 10 fb<sup>-1</sup>

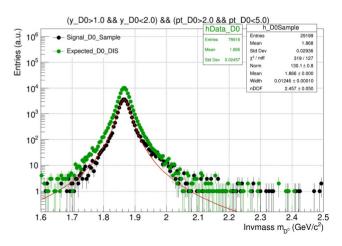












#### **Momentum Resolutions**

https://zenodo.org/records/14328280

