



Pion rejection in EEEMCal: an initial look

Dmitry Kalinkin

University of Kentucky

Goal

Official reconstruction doesn't feature electron identification beyond an E/p cut.

Would be nice to have:

- 1 Come up with a way to store calorimeter PID in our EDM
- 2 Have an infrastructure for E/p cut calibration
- 3 Enable ML (for today using BDTs, by including 7 shape parameters coming from our clustering)
- 4 Figure out performance of our detector

This uses 24.04.0 campaign

