dE/dx calibration

Antoni Marcinek
Jagiellonian University
Status

- Now I am capable of running whole dE/dx calibration chain (see next slides)

- README (there is a link on TWiki to the most recent version on SVN) was updated. It is showing step by step how the calibration should be performed. Still several issues need clarification.

- The most time consuming step in the whole procedure is production of ASCII miniDST (can take ~1 week depending on CASTOR/lxbatch).

- Further steps could be pretty well automatised, so at the end the calibrator would push ENTER once and next day (or 2) see the final result. This needs some development (~1 week of dedicated work).

- We can read SHOE files, but we still need calibrated drift velocity!

- We rely on DSPACK/PGFortran for PADTRANS (which uses magnetic field, ExB) – probably need to rewrite from scratch to get rid of those. For this I have no time.
run 15373 (BeBe150)
time dependence
run 15373 (BeBe150)
y dependence
run 15373 (BeBe150)
sector constants