Subject: PID package
Posted by StefanoSpataro on Mon, 03 Aug 2009 16:25:29 GMT

Daer all,
the new version of the PID package is inside the trunk, as described some EVO meetings ago.
This will replace the old PndLhePidMaker and the PndMicroWriter.

At the moment only the correlation part is implemented, filling the so called PndPidCandidate
(not yet inherited from TAbsMicroCandidate).

If you want to try it, just check macro/pid, and add the run_pid_tpc.C macro after reco. You can
use as starting track the prefit track from lhe (as in svn) or the refitted one by genfit. In this
case, you have to modify one line and write "LheGenTrack" instead of "LheTrack":

```
PndPidCorrelator* corr = new PndPidCorrelator();
corr->SetInputBranch("LheGenTrack");
```

If you have other TCA made of PndTrack objects, you can also set the name of your TCA. The
PidCorrelator is independent on the tracking algorythm.

Still the correlation code needs some improvements, but at least it seems to work.

Feedback is welcome