
Subject: Re: Tracking: Kalman Task with STT,(electron hypo)

Posted by [M.Babai](#) on Thu, 23 Dec 2010 09:32:43 GMT

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Hi Lia,

Quote:here I attach the results of some tests made with the PndTools/MVD/macro macros (except for the selectEvents.cpp, do I have to compile it?).

Eh!, yes it is indeed needed to compile that one, you can just use ACLiC. This one just selects events that have the same pdg as the initial particle when hitting emc.

My simulations were in the range 0.05 - 14.0 GeV/c.

Quote:did you use the kalman flag check to throw away badly reconstructed tracks? I did not use any special flags for Kalman. Btw. how can I do so.

The Kalman part is as follows:

```
PndRecoKalmanTask* recoKalman = new PndRecoKalmanTask();
recoKalman->SetTrackInBranchName("SttMvdTrack");
recoKalman->SetTrackOutBranchName("SttMvdGenTrack");
recoKalman->SetParticleHypo("electron");
fRun->AddTask(recoKalman);
```

Kind wishes,
MB
