Subject: [FIXED] Error from PndMCTrackAssociator
Posted by MartinJGaluska on Wed, 21 Aug 2013 12:37:58 GMT
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Dear all,

when I simulate with trunk rev. 21304 and the official macros from macro/run 2000 events with one muon each using the FairBoxGenerator I get the following errors in the reco_complete.C macro:

Quote:
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #0 does not exist!!!
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #2 does not exist!!!
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #1 does not exist!!!
-E- PndMCTrackAssociator::GetMvdHitStrips: MvdHitStrip #0 does not exist!!!
-E- PndMCTrackAssociator::GetSttHits: SttHit #24 does not exist!!!
*** PndRecoKalmanFit::Exec Genfit Exception: trk->addHitVector
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #0 does not exist!!!
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #2 does not exist!!!
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #1 does not exist!!!
-E- PndMCTrackAssociator::GetMvdHitStrips: MvdHitStrip #0 does not exist!!!
-E- PndMCTrackAssociator::GetSttHits: SttHit #24 does not exist!!!
da PndTrkTracking2 : N. di Stt MC points = 0

The errors did not appear when I simulated only 100 events.

This error causes subsequent errors when I try to run the PndTrkQATask, because we have PndTrackCand which contain hits that are not accessible.

My modified sim_complete.C macro is attached to this post. I use the standard digi_complete.C and reco_complete.C from macro/run. The errors also occur when I replace PndTrkTracking2 with PndTrkTracking in the reco macro.

File Attachments

1) sim_complete.C, downloaded 481 times