Subject: [FIXED] Problem with PndMCTrack::GetNPoints // PndDetectorList.h
Posted by Dominik Steinschaden on Fri, 15 Jan 2016 14:57:27 GMT
View Forum Message <> Reply to Message

Hi all,

Currently I'm doing some analysis, in which I want to use the function
Int_t GetNPoints(DetectorId detId)
 of the class PndMCTrack.

I already have access to the information stored in the MCTrack, the only function I have
problems with is this one.

As Input parameter an variable from Datatype "DetectorId" is needed.

As far as I understand in the included header file of PndMCTrack "PndDetecterList.h" this
Datatyp is defined as:
enum DetectorId {
/** kRICH must be the 1st id, and kHYP must be the last one. Please put new detectors in
between!! **/

kRICH,kDRC,kDSK,kEMC,kGEM,kLUMI,kMDT,kMVD,kRPC,kSTT,kFTOF,kTOF,kFTS,kHYPG
,kHYP};

But when I try to use this definition in my analysis macros, I always get errors.

e.g.:

using the line:
 MCTrack->GetNPoints(kTOF)

error: Error: Symbol kTOF is not defined in current scope

If I only try to define a variable of type DetectorId:

DetectorId test;

Error: Symbol DetectorId test is not defined in current scope

Can someone explain how to proper use this function of MCTrack?

regards Dominik