
Subject: Re: McTruthMatch problems

Posted by [Elisabetta Prencipe \(2\)](#) on Thu, 05 Jun 2014 17:23:55 GMT

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Hi Stefano,

in PndTrackAssociator I see that this problem occurs when:

```
PndTrackCandHit candHit = trackCand.GetSortedHit(ii);
Int_t trackID = -1;
if (candHit.GetDetId()==-1)
{
    cout << "-W- PndMCTrackAssociator::Exec: Not identified Detector ID" << endl;
}
```

At this level only PndTracks are used, not directly GFtracks.

The HitID depends on which detector the candHit comes. In case the problem occurs, it is -1, of course.

Which parameters are you asking to print out? all detIDs?

I put a print out at line 338, before the end of the loop on PndTrack, in PndTrackAssociator.cxx.

```
cout<<candHit.GetDetId()<<endl;
```

Here attached is the result, running over 20 events, with several other debugging messages in reconstruction.

Thank you in advance for your help, Elisabetta

File Attachments

1) [reco2.log](#), downloaded 315 times
