Subject: About Track ID in simulation
Posted by Jifeng Hu on Thu, 15 Aug 2013 09:03:24 GMT
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When we read PndEmcPoint, the track identifier can be accessed by
PndEmcPoint->GetTrackID(). My question is what does a negative return-value -2 mean?

Subject: Re: About Track ID in simulation
Posted by StefanoSpataro on Thu, 15 Aug 2013 19:54:24 GMT
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PndEmcPoint->GetTrackID() should be always greater than -1...
When and how are you seeing EmcPoint with trackid == -2?

Subject: Re: About Track ID in simulation
Posted by Jifeng Hu on Fri, 16 Aug 2013 07:09:37 GMT
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Run macro/run/sim_complete.C, print out PndEmcPoint->GetTrackID() in
PndEmcHitProducer.cxx.
We will see such cases may happen within 20 events.

Subject: Re: About Track ID in simulation
Posted by Jifeng Hu on Fri, 16 Aug 2013 07:48:50 GMT
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I found that for a too long time, at the beginning this -2 value may cause crash in simulation, so
I make a condition check to skip such case when I trace the showers to MC truth.

but recently, I want to do a detailed check for the whole flow, I think this -2 value is not in
PndMCTrack list, and post this question?