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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?

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Subject: Re: About Track ID in simulation

Posted by [Stefano Spataro](#) 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?

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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.

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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?

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