Subject: Re: Official code for tracking TDR - PndSttMvdGemTracking problems
Posted by Lia Lavezzi on Fri, 20 May 2011 09:58:34 GMT
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Hi Stefano,

Quote:I am not sure, but I have seen a source of this At problem, not in
PndSttMvdGemtracking but in PndSttMvdTracking.

yes, I think so. I made some tests of the reconstruction commenting out the
PndSttMvdGemTracking part and leaving the PndSttMvdTracking and the error is there. If I
comment out also the PndSttMvdTracking it disappears.

It is also random, since if I reconstruct more than once the same events I get different errors,
always of that kind:
Error in <TClonesArray::At>: index ... out of bounds ...

Quote:Not clear to me why the MC information should be used in pattern recognition, maybe
for some debug, but this is another topic.
I can answer for PndSttMvdGemTracking: the PndMCTrack was taken just to flag not primary
tracks, the MC info was not used in the code, it was just there for debug purpose. Anyway, I
put that part of code in a if(fEvaluate) statement so that it is used only if evaluation of
performances is asked. By default that evaluation is set to false, so you should not see errors
of this type coming from the PndSttMvdGemTracking anymore.

For PndSttMvdTracking, I leave it to Gianluigi
                              Ciao,
                               Lia.