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Subject: Re: TPC digitization for more than 1000 events

Posted by [donghee](#) on Fri, 27 May 2011 12:34:24 GMT

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Hi Felix,

I'm trying now with may11, that is before last stable version at two days ago. It is not really last version at today.

Just one electron in central part ( 100 - 160 degree), gamma and proton only into very forward direction ( 10 degree).

Please don't ask me why there are proton... that is my hobby event. And interaction point is (0,0,30).

So then I have seen some avalanche creation and digitization in print out during run of digi macro. It looks like typically this...

Quote:

```
-----  
2020 Avalanches created  
0 aggregations done.  
3577 Signals created  
PndTpcElectronicsTask::Exec  
Building up padmap ...finished. 116 pads hit  
.....  
119 Digis created
```

If TPC produced really big number of "avalanches created", sometimes more than 200000 for example, here I need quite a time to go further digitization or next event, then increasing memory more and more.

I submit jobs ~100 runs with each 1000 events, got 5% no output due to this problem. Simply machines are down!

If the situation will be improved with really last stable may11 version, then I'm happy, but I think there are not so much differences between last and before last.

Best wishes,  
Donghee