
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