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Subject: Psi study of TPC vs STT from july11 release  
Posted by [donghee](#) on Thu, 21 Jul 2011 08:06:34 GMT  
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Dear all,

I have already posted study of psi3770 data, which is produced at Gridka, only tpc mode has been tested and other data are still being produced with stt mode.

Now, I am testing stt mode, first of all, in the level of reconstructed tracks.  
I took all scripts and macros from gridka site and pandaroot version is used july11. So, this stt production is same like gridka production and produced to see the difference with tpc mode.

TPC 84500 events.  
STT 88000 events.

Please find the plots for the tracks from tpc and stt, identified with pid correlator.  
What I want to say is  
"Reconstructed track numbers are significantly different"

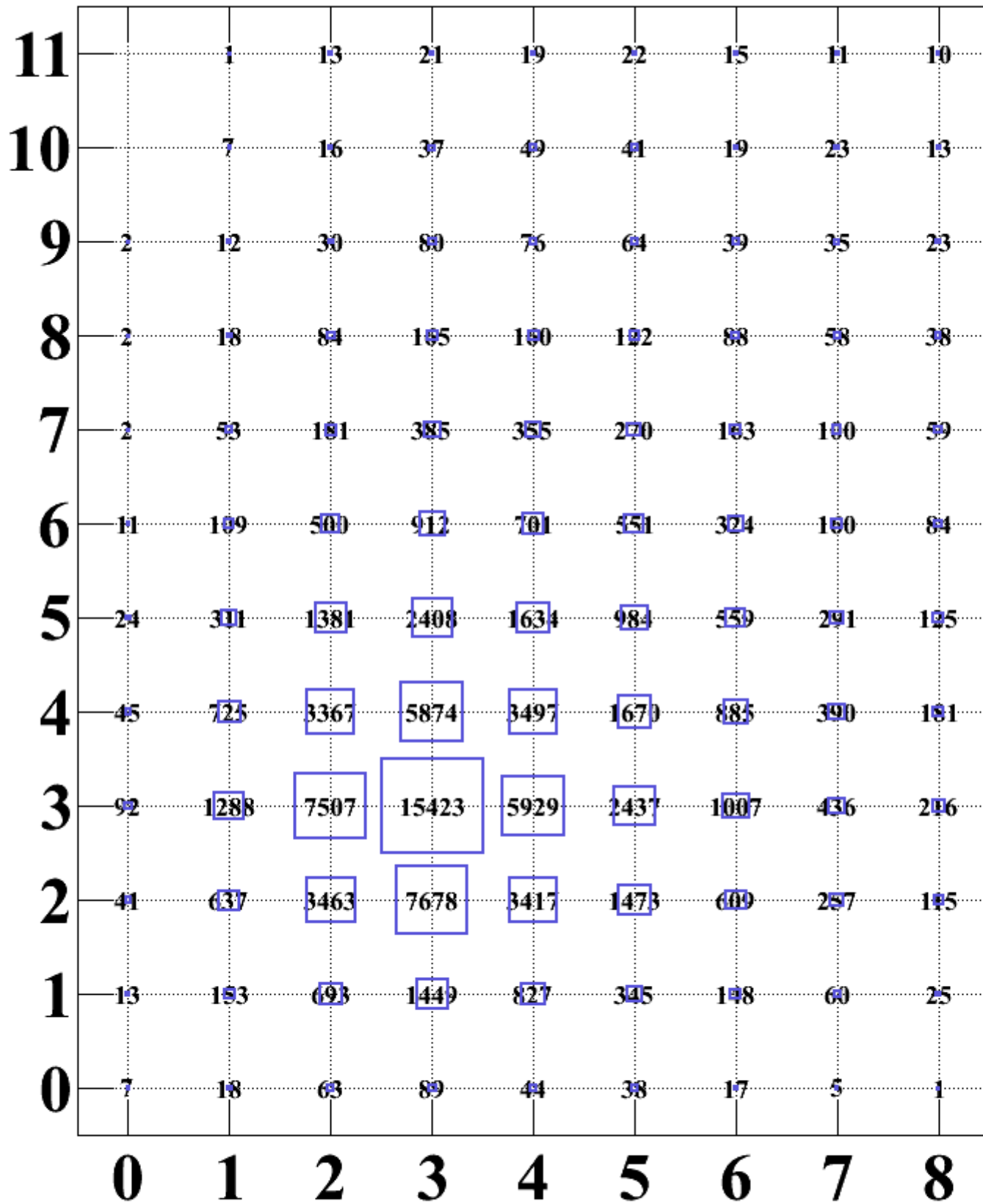
Best wishes,  
Donghee

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## File Attachments

1) [tracks\\_stt.gif](#), downloaded 860 times

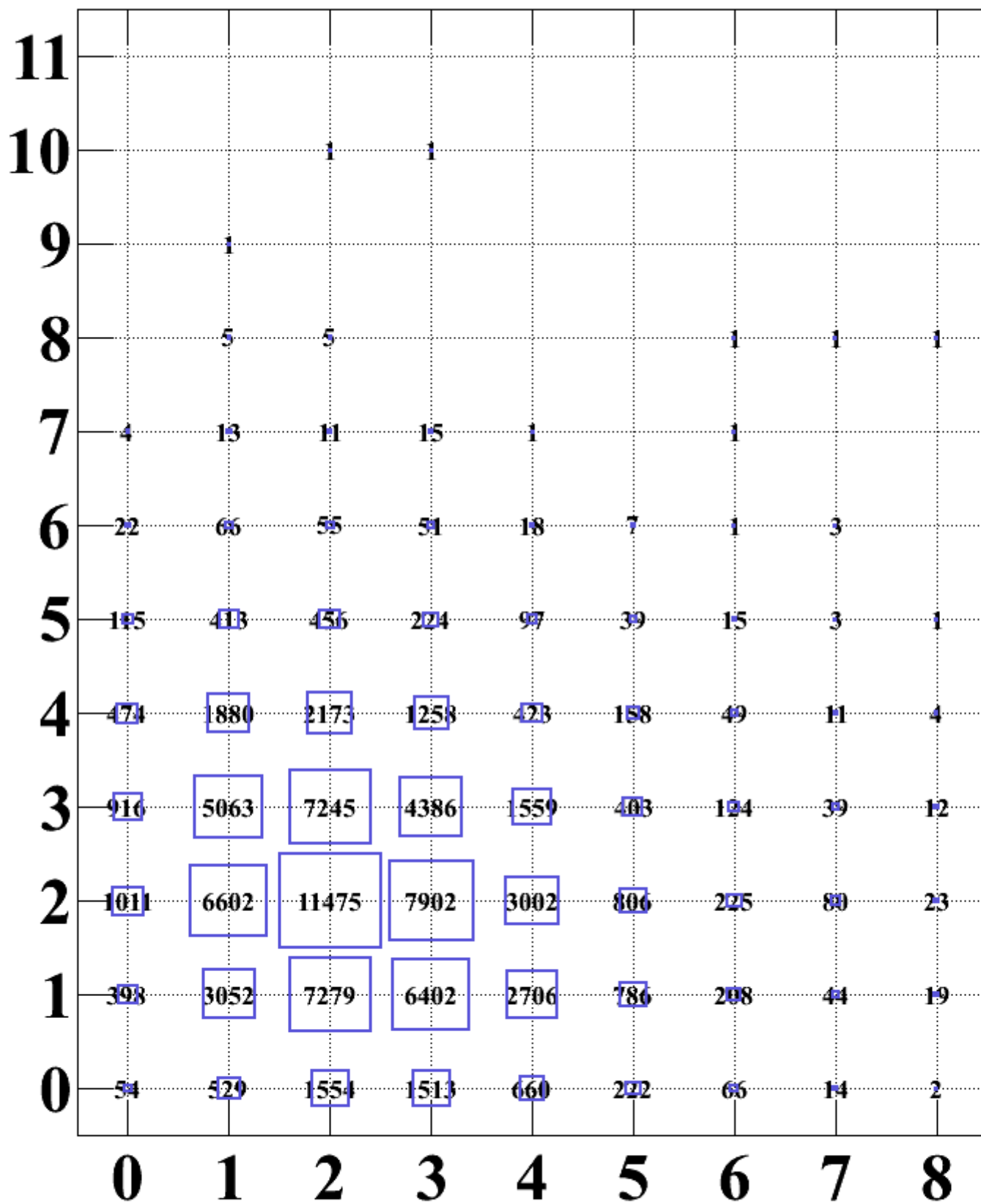
# of - tracks



# of -

2) [tracks\\_tpc.gif](#), downloaded 858 times

**# of - tracks**



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Subject: Re: Psi study of TPC vs STT from july11 release

Posted by [donghee](#) on Mon, 25 Jul 2011 09:56:29 GMT

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Dear analyzer,

have you made some test for grid data for both tpc and stt mode.

Are there no problem at all? or one has to care something during analysis? For instance, index handling is apparently differ for both mode, therefore need special approach for that or more something else.

Please let me know what the next plan is?

Best wishes,  
Donghee

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