
Subject: Re: Influence of the reduced B-field on the track reconstruction

Posted by [donghee](#) on Tue, 25 Mar 2014 13:40:23 GMT

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Hi Gianluigi,

Thank you for your kind update

Introduced new code of the Pattern Recognition class PndTrkTracking2.cxx and .h has been exchanged and run again

Here is the output with new code.

The improvement is a level of few %, not so significant.

I assume that the reduced field map has lower performance than full field map, that should be a natural feature due to small bending power of produced particle inside solenoid field.

It would be great to check again same study with an important physics channel analysis.

Best wishes,

Donghee

File Attachments

1) [new_summary_for_B_half.pdf](#), downloaded 303 times

2) [new_summary_for_B_half.png](#), downloaded 611 times

