
Subject: Dirc geometry - current version?

Posted by [Dominik Steinschaden](#) on Tue, 14 Mar 2017 13:26:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi all,

I'm currently studying the pattern of hits and signals of the tracking detectors and the SciTil for specific channels.

The results I get for the SciTil are very different depending on which simulation macro type I'm using (Master macros, or old/standard macros)(I lose up to 50% of the signal in the SciTil)
The reason seems to be the used geometry file for the DIRC detector which is different for the master macros and the macros in den macro/run folder.

which on is now the right one to use?

dirc_e3_b3_l6_m40.root (master macros)

oder

dirc_l0_p0_updated.root (macro/run)

cheers Dominik

Subject: Re: Dirc geometry - current version?

Posted by [Stefano Spataro](#) on Tue, 14 Mar 2017 16:15:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

The "master" version has the latest drc updates which were communicated to me about 6 months ago (@29475), while since the macro/run macros are not the standard anymore they were not updated.

I don't know if there are more recent drc versions which have to be used.

Subject: Re: Dirc geometry - current version?

Posted by [Dominik Steinschaden](#) on Tue, 21 Mar 2017 13:40:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

Currently I'm trying to get my macros up to date. now I realised that in the Master macros different are geometries used for the Dirc Detector, depending on if someone wants to simulate the "day1" setup or the full Panda Setup.

Is this on purpose? or just by mistake that not all geometry setups where updated to the last version?

I'm just a little confused and want to be sure now

regards Dominik
