Subject: Nice plots.
Posted by Ralf Kliemt on Fri, 25 Jul 2008 11:32:49 GMT
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Hi all,

I know everyone likes his/her own style of plots. But anyway I'll share my stuff: In pandaroot/macro/mvd/Tools.C you will find a few helpful functions. Especially I'd like to point out that we had two frameworks ago a common root styleset for panda which the collaboration agreed on. I reanimated this one but could not resist to make some few changes to suit my taste.

To use it in a macro do:

```
gROOT->LoadMacro(" ... mvd/Tools.C");
LoadPandaStyle();
```

To have nice 2d histograms with a smooth palette use

```
DrawNice2DHisto(hisxy);
```

And finally for multiple Histograms in one plot (picture below)

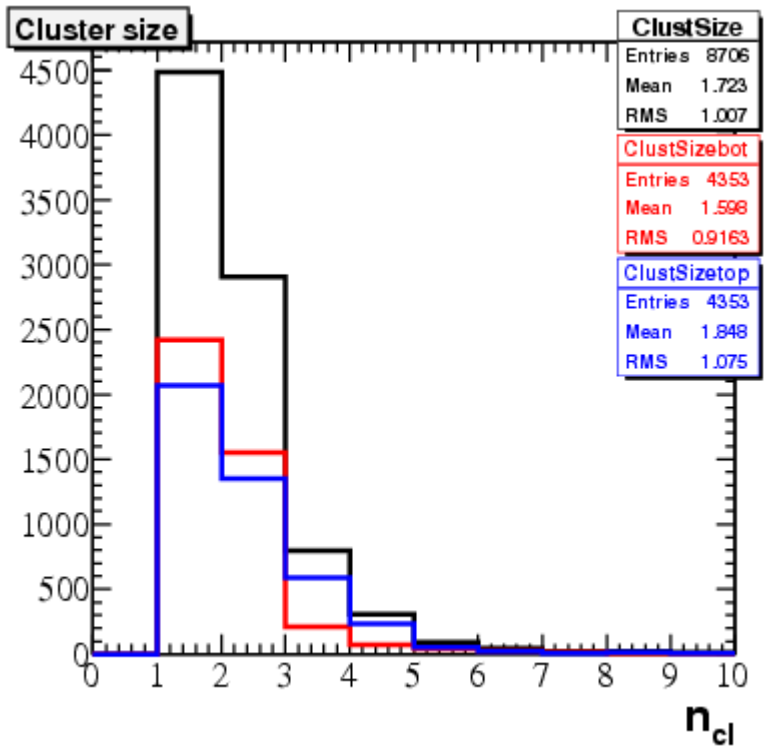
```
hisClustSize->Draw();
hisClustSizeBot->SetLineColor(kRed);
hisClustSizeTop->SetLineColor(kBlue);
hisClustSizeBot->Draw("sames");
hisClustSizeTop->Draw("sames");
can7->Update();
TPad* mypad=(TPad*)gPad;
BetterStatBox(mypad);
```

Feel free to contribute.

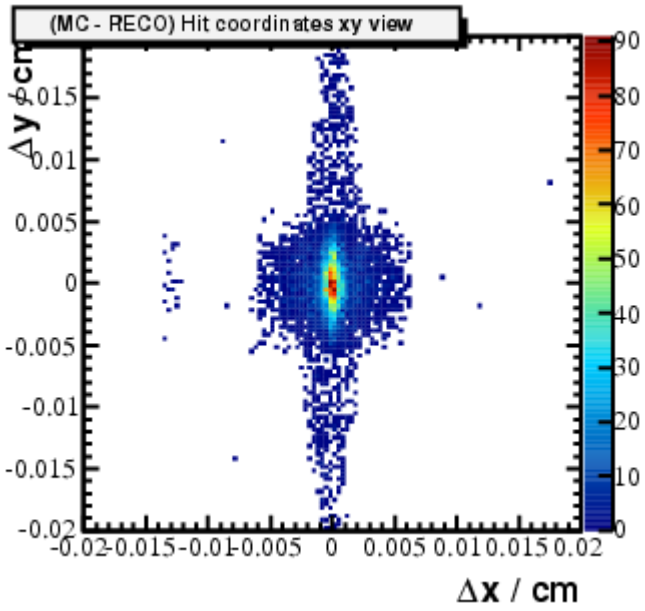
Greetings from Dresden, Ralf.

File Attachments

1) Screenshot-1.png, downloaded 1624 times



2) Screenshot-2.png, downloaded 1440 times



Subject: Re: Nice plots.
Posted by StefanoSpataro on Fri, 25 Jul 2008 14:37:48 GMT
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My opinion.,
I think it is a very good thing to have a fixed style for our plots.

About your style, the only thing is that the numbers on the axis labels are maybe too much thin, difficult to read when you put them on a presentation, for somebody who is not sitting on the

first seats. Maybe we need something thicker.