
Subject: Re: Different results for same information extracted in different ways
Posted by [Mamen](#) on Fri, 07 Nov 2014 16:26:35 GMT

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Dear Klaus,

thank you again for your help.

I will try resetting the histogram using the method you propose.

By now I am trying to write a small test macro that makes the following:

- 1.- Reads only one file and projects it into a histogram using `Project()`.
- 2.- Loops over the histogram using `GetBinContent` from 0 to `NBins+1` (Total `Nbins+2`)
- 3.- Loops over the histogram using `GetBinContent` from bin 1 to `NBins` (Total `Nbins`)
- 4.- `GetEntries` for the histogram.
- 5.- Compare all that values
- 6.- Then I close the file.

Up to now this is working and the values match.

Now I'm trying to:

- 1.- Open the same file inside the same macro using a different `TFile`.
- 2.- Set Branch addresses.
- 3.- loop over the tree
- 4.- Fill a histogram applying a cut, in principle the same as with `Project()`
- 5.- Repeat points 2 to 6 of the previous block with the new histogram.

This second part is right now not working, even commenting the first part of the code out, the histogram its not filled... :-S

I'm working on it... I'll keep you informed of my progress.

Thanks again for your help.

Mamen
