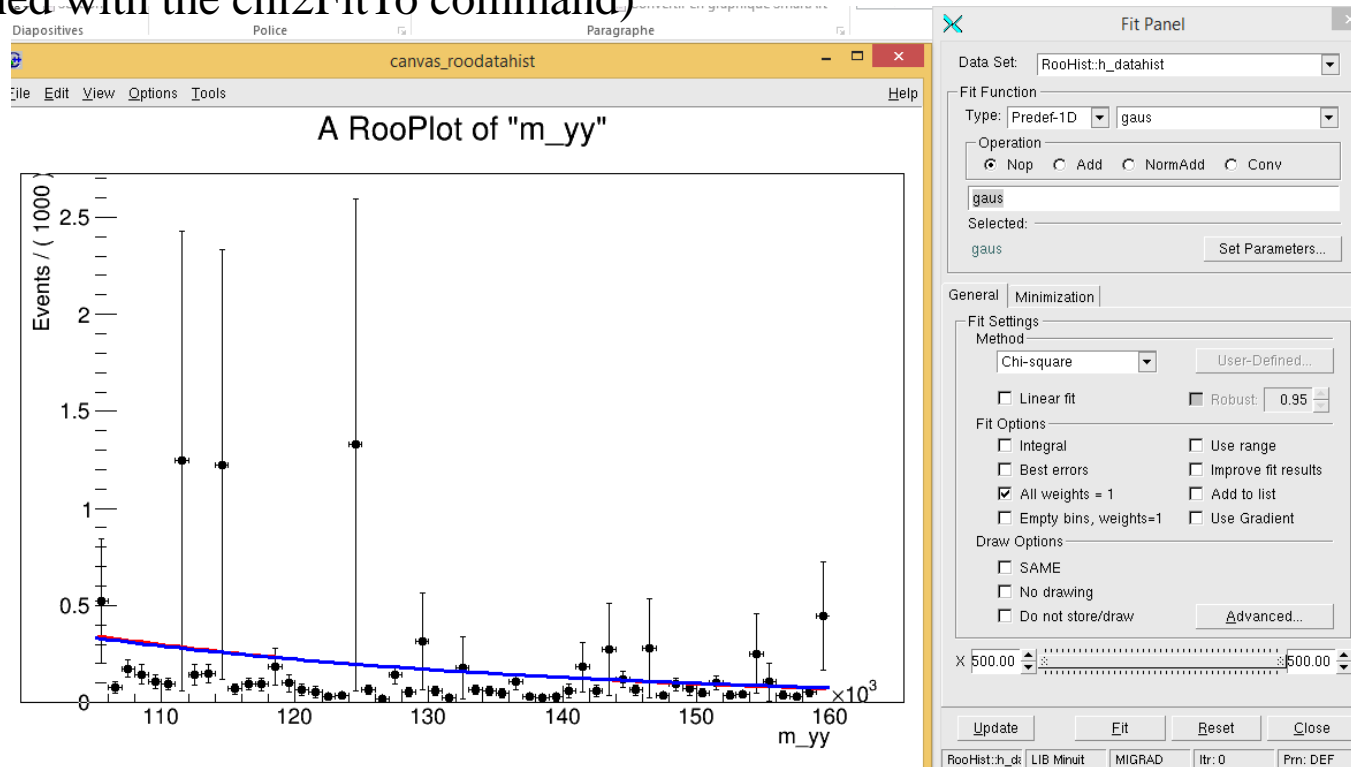If this time, we click on the option « All weights=1 », the fit looks to behave like what was obtained with the chi2FitTo fit from a RooDataHist, some somehow, it shows that indeed, it appears as if the chi2FitTo had ignored the errors
(see the red curve obtain when we click on « Fit », which is almost the same as the blue one obtained with the chi2FitTo command)

Remark : doing a chi2FitTo, so somehow, it means that it takes into account the error, but in a strange way since the slope is too high)

So the question is : how to make the chi2FitTo command to take into account the different errors as we would expect ? Thank you

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(remark : if we change the error of the 3 high value points, the slope changes when