Updates from Krakow

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FITS

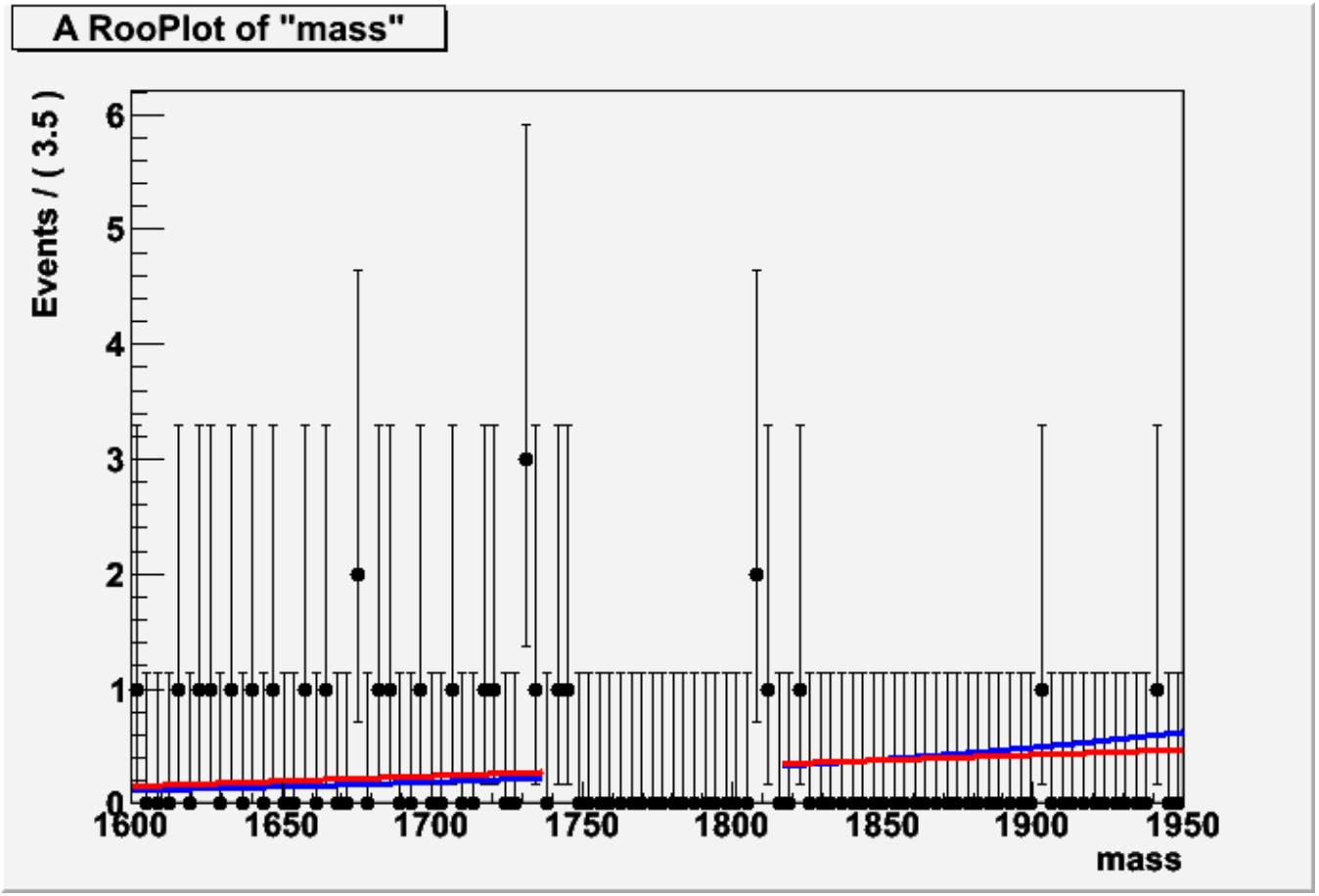
Marc sugestions:

1. Check with different strategies (RooFit::Strategy(4), etc.)
2. Change the mass window and see what happens. Mark said that if the fit will still be rising you have to prove, by changing the window get the rising fit and compare the expected number of events. If they don't change much it's ok.

1st Point

I checke all possible strategies, with different ranges(even 100 times to big). The fit is stable as hell =)

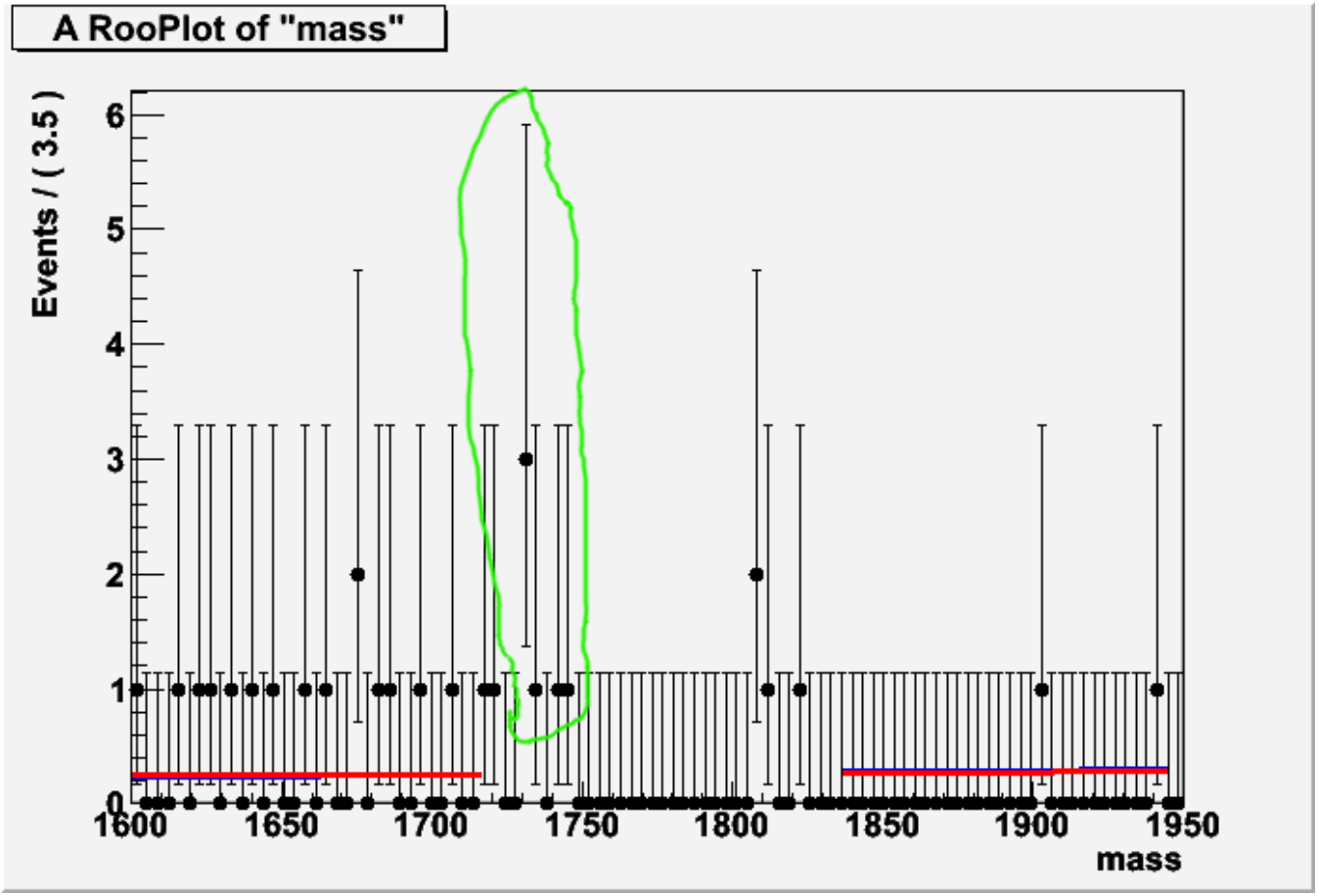
FITS



Standard fit

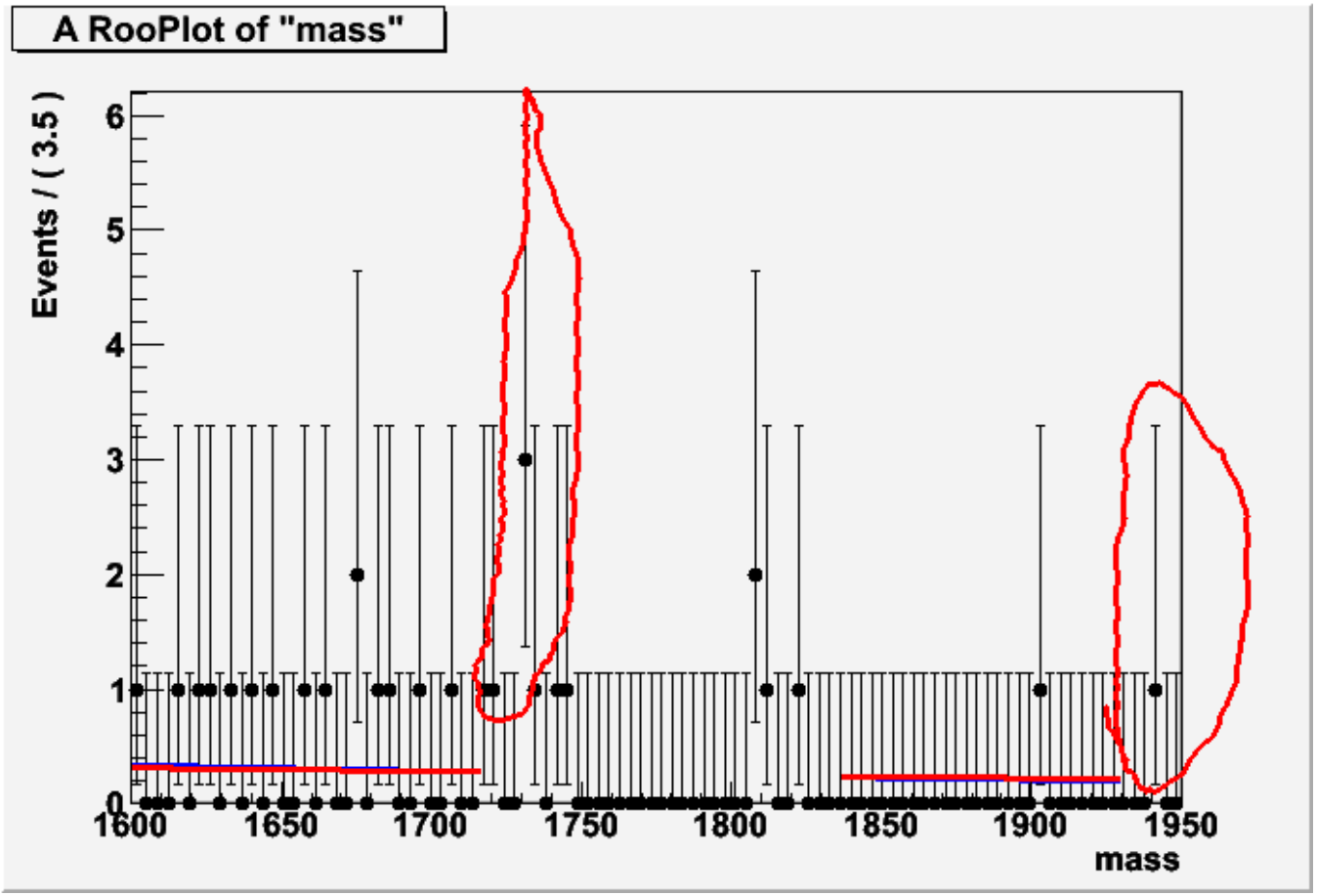
Not changed mass window

FITS



Different mass window

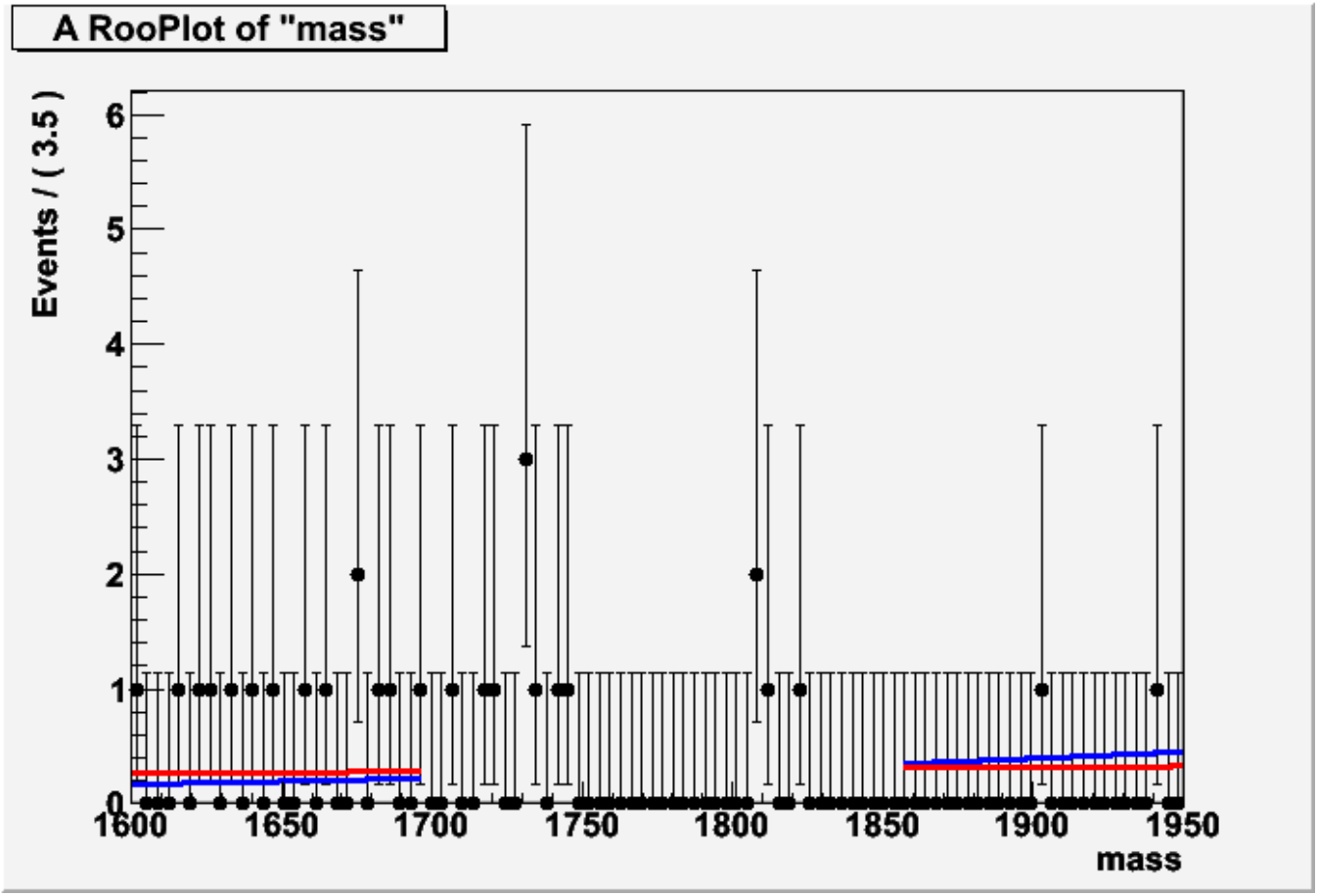
Throwing away only one marked point gives flat distribution.



Different mass window

Throwing away more point gives us droping distributions.

FITS



Different mass window

$80 MeV$ Mass window.

Summary

1. I tested this in every way I could.
2. Consulted with coleagues that are doing fits all the time(they didn't find any mistake).
3. The most important: Different mass ranges change the expected number of backgrounds eventes arround 5% so it's not relewant.

News about the production

Scripts are ready. From Patric I got the following version: Gauss v41r1 Boole v23r1 Brunel v41r1p1
I reserwed 108 cores. LHCb soft is ready and running. Additional 40 cores I have on different cluster(also will use them) I propose to first make 100k sample and test it.
On night from 23/24 Feb I started to run small production to see in everything runs smootly. The 1M sample should be ready in 9-10 days from now.