

Results for profiled FC for $B^0 \rightarrow K^* \mu \mu$

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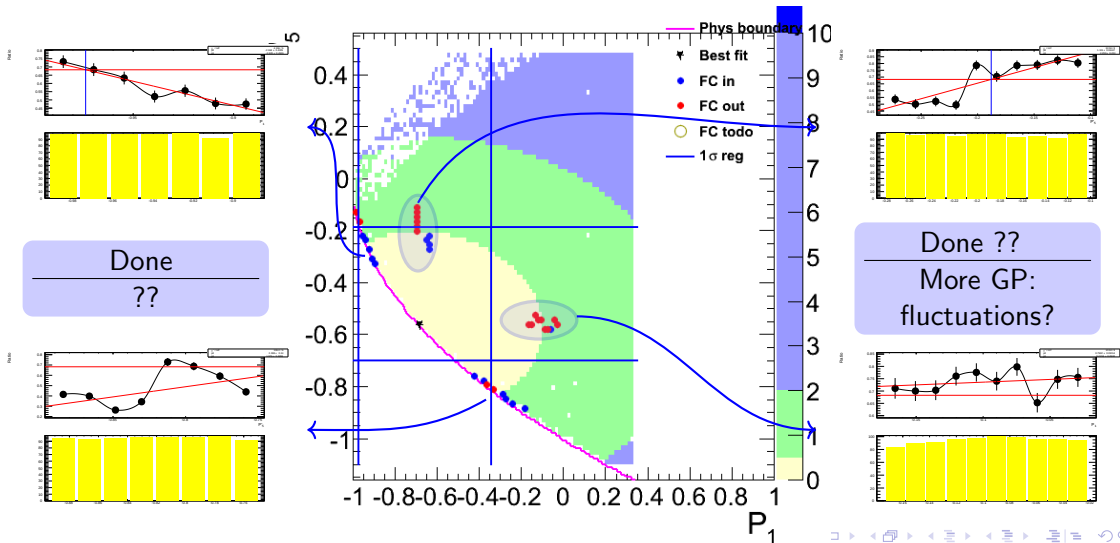
INFN Padova

no meeting,
work, January 17, 2017

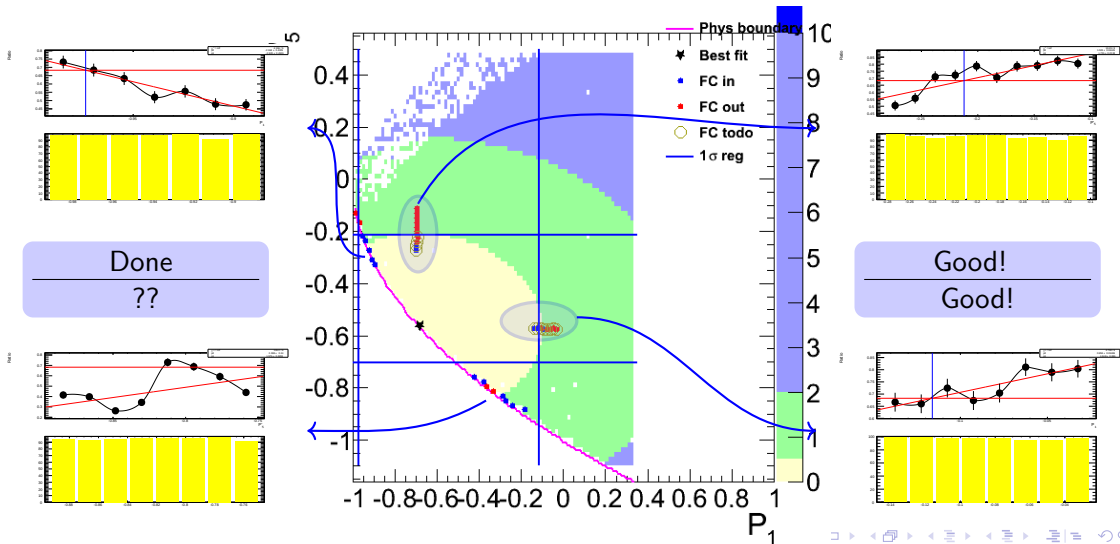
Are we using the correct Gen Point?

- Instead of considering the absolute minimum of a profile (that is the bin with the minimum LogL), fit a parable to the LogL distribution and take the vertex
- the vertex x is the coordinate of the Gen Point to be generated
- the vertex y is the LogL to be considerate for the $\Delta \log \mathcal{L}$ computation
- Pros: these Gen Point are much more aligned that the one computed previously.
- Cons: we (I) have to redo most of the work
- Will try to to that for one region which is not problematic, and we will see

Bin 1 Old (GP is the profile abs minimum)



Bin 1 New (GP is vertex of a fitted parabola on profile)





Additional stuff

Additional or backup slides



Bibliography I