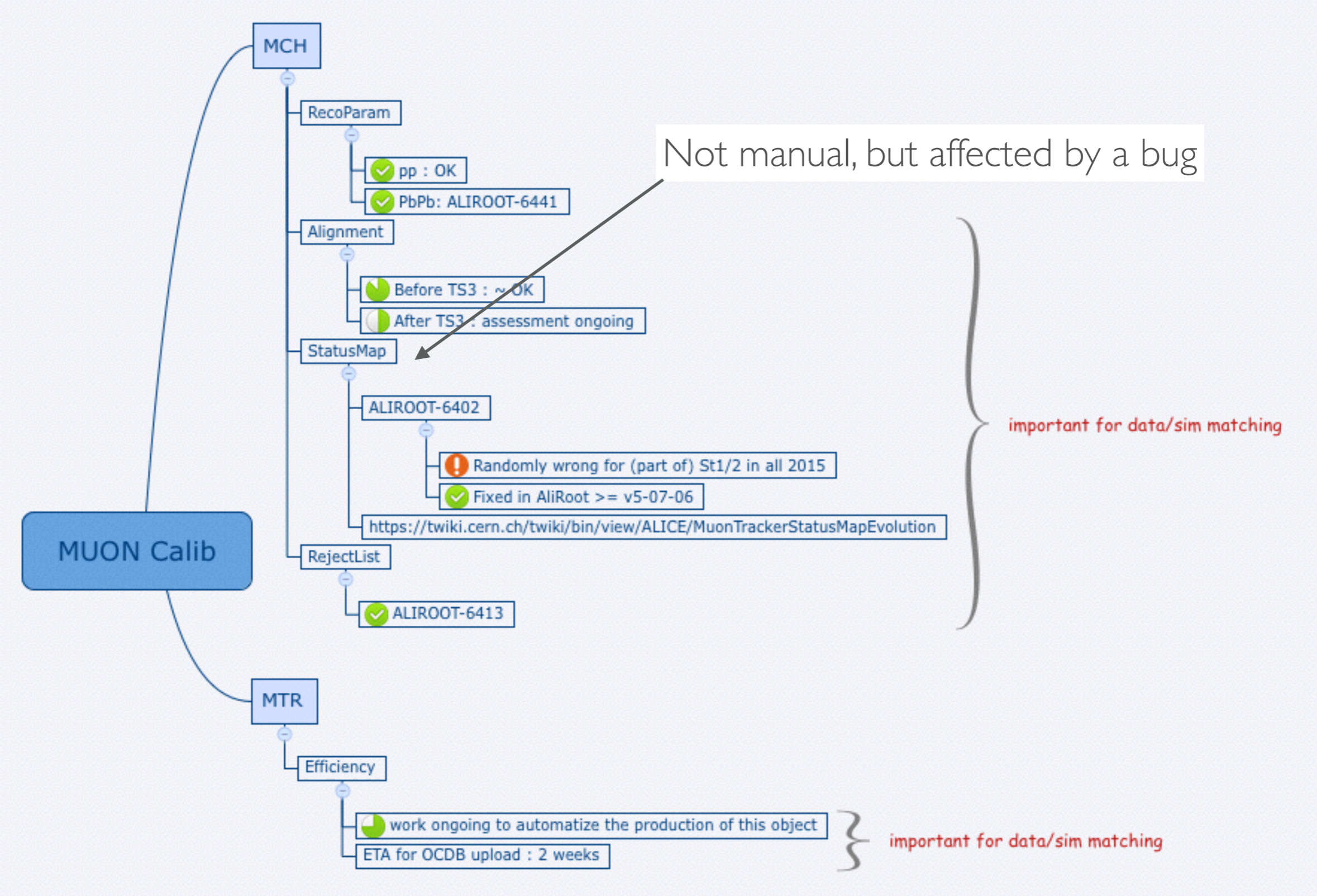


MUON CALIBRATION STATUS

L. Aphecetché

« Manual » « calibrations » for MUON



DATA SAMPLES

- pp 13 TeV : 2.8 pb⁻¹ from muon_calor_pass 1
- pp 5.02 TeV : 110 nb⁻¹ from muon_calor_pass 1
- PbPb : ready to start

pp 13 TeV will need 2nd reco pass for statusmap bug
pp 5 + PbPb : possibly refined alignment (reco or refit)

CHANGES IN 2016 ?

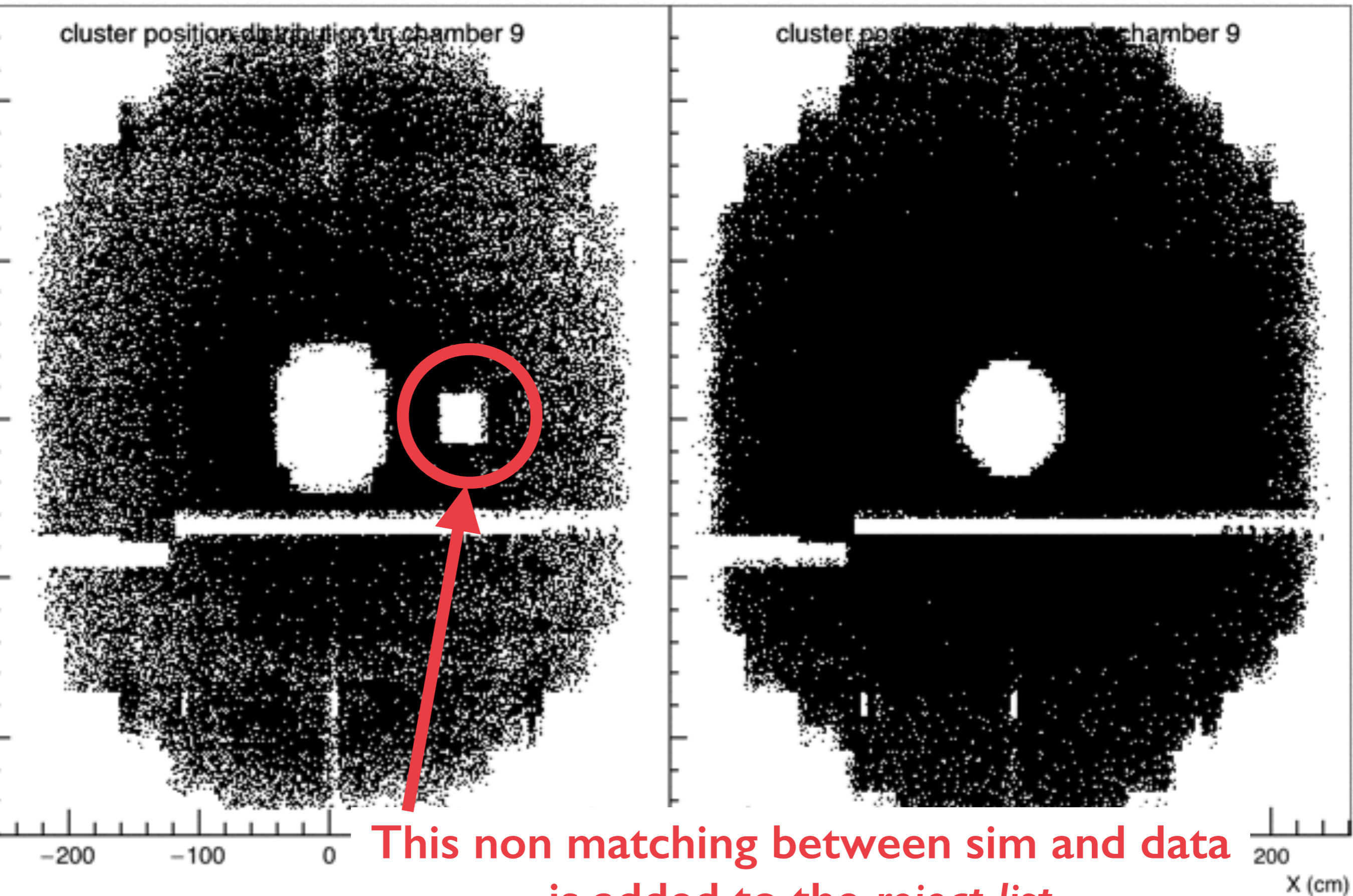
- pre-clustering in HLT ?
 - to get a « physics » monitoring of MCH
 - I know, I know, I keep saying that but it has not yet happened... Still in the plan though, but not mission critical
- add flags to ESDs and AODs to signal events where clustering or tracking aborted
 - might be important for ultra-central events

EXTRA

Data

cluster map run 236150 ch9

Sim

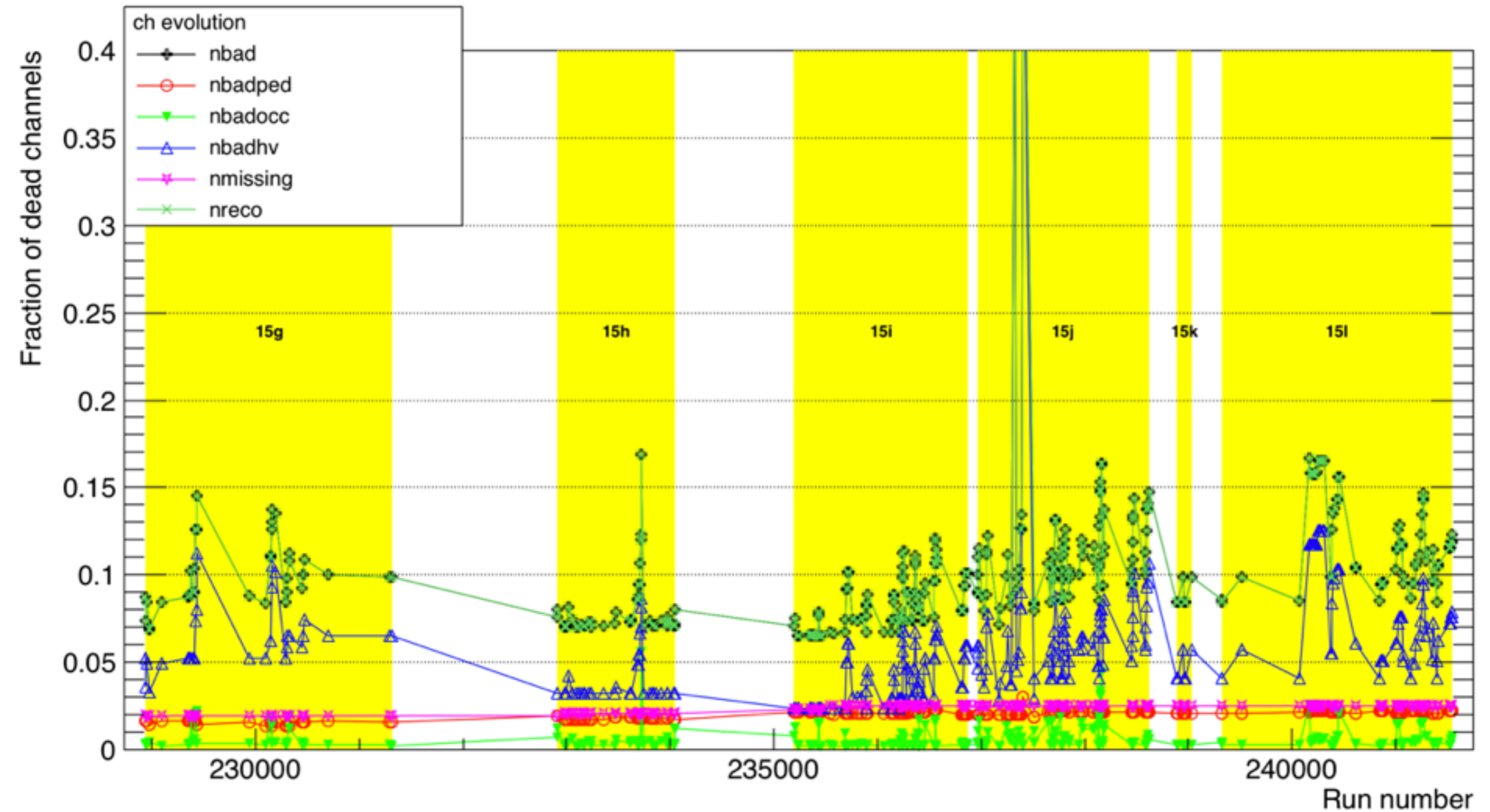


This non matching between sim and data is added to the *reject list*

Status map evolution 2015



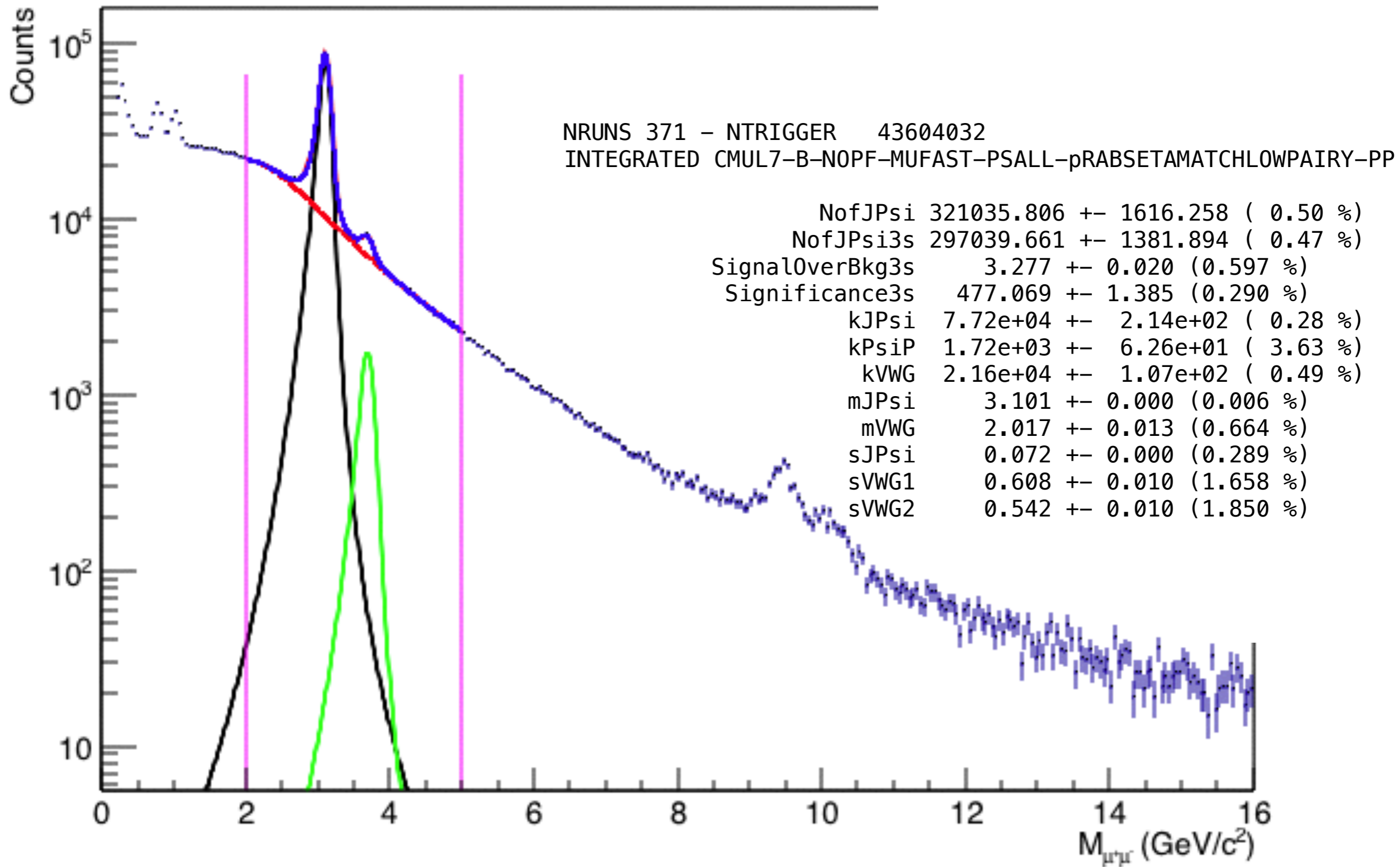
Status map evolution LHC | 5ghijkl | 3 TeV



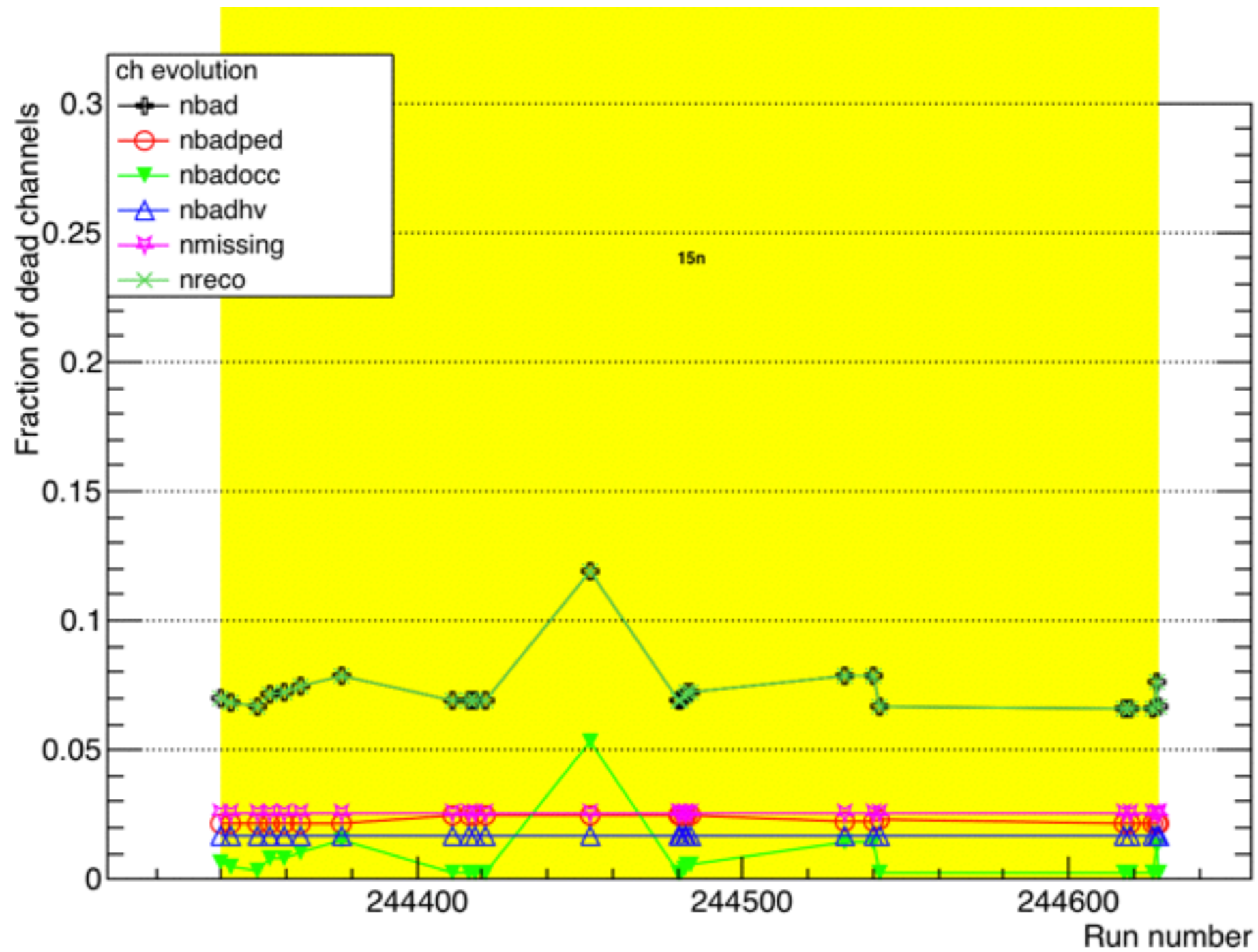
$ijl \sim 2.6 \text{ pb}^{-1}$

LHC I5ijl

$\mu+\mu^-$ inv. mass INTEGRATED



Status map evolution LHC15n pp 5.02 TeV



$$n \sim 110 \text{ nb}^{-1}$$

LHC15n

$\mu+\mu^-$ inv. mass INTEGRATED

AliAnalysisMuMuJpsiResultHisto1

