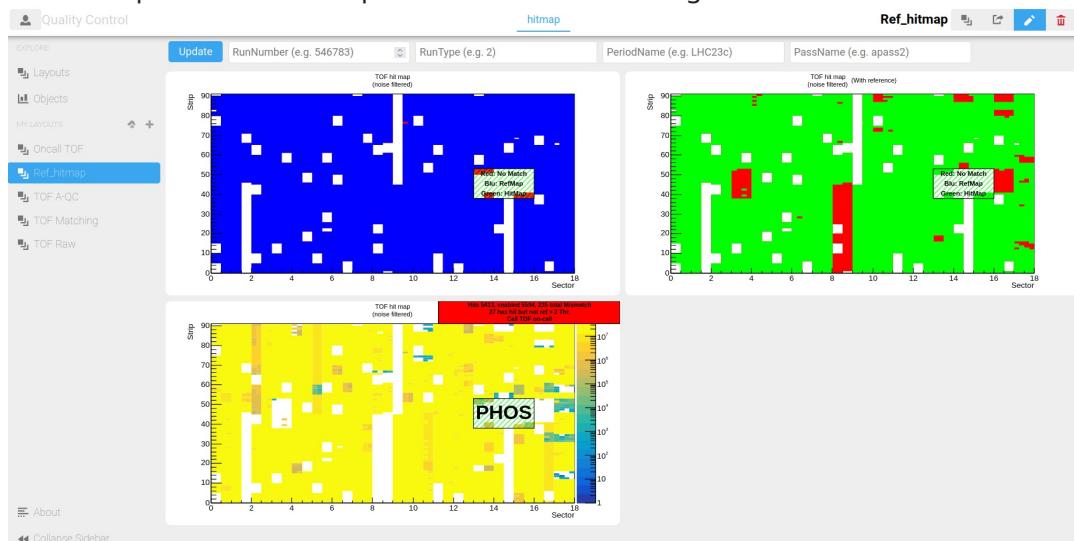


TOF QC Coordination meeting 3/02/2024

General news

QC sincrono

- Giovedì QC review, plans per YETS to be discussed
 - luminometro (Nhits/readout efficiency in funzione del tempo) --> modificare Post Processing Lost Orbits con fattore di scala arbitrario e possiamo correggere per accettanza usando la HitMap
 - Diagnostics calib task
 - Ref hit map to be followed up with Pietro. Still no changes observed in PHYSICS runs:



- chiedere su operations per input

QC asincrono

Our sheet:

<https://docs.google.com/spreadsheets/d/1z0no8X0s9R5mOGfR3BeNnx4RgYIBkyf9aVxJElQFIjE/edit?gid=0#gid=0>

1. Data

- LHC24as/ar nsigma TOF of pions is smaller than expected 0.8-0.9
- Che parametrizzazione usiamo di default? followup con Nicolò
- pass2 quando? Vale la pena?

2. MC

Aggiungere uno script che giri un confronto dati - MC produca un trending di matching efficiency vs run number di confronto tra dati e MC. In input prende una lista di Run.

- LHC24f4d anchored to LHC24af-->LHC24ao apass1
- LHC24g3 anchored to 2023 PbPb@5.36 TeV
- LHC24j4/j4b, anchored to 2024 pp@900 GeV

Calibration

Simulation/reconstruction

- Long report at the last [WP12/13 meeting](#) (<https://indico.cern.ch/event/1505926/contributions/6338890/attachments/3003960/5297247/>
 - TOF match eff in Pb-Pb: higher when TRD is not in
 - [special MC request without TRD](#) (<https://its.cern.ch/jira/browse/O2-5739>)
 - request of a cpass0 before all next reco passes
 - agreed but we were asked to require less stastics than previous cpass0 (it was 10%)
 - I (Francesco) stated that "Unique showstopper for TOF in reco passes is the missing fix in FT0 digitization"
 - action: Chiara contacted FT0 experts. No answer so far
 - backup of all TOF calib info on alien -> /alice/cern.ch/user/t/tofcalib/
- **Question: do we keep trace of the CodiMD history?**

TOF AO2D

WP4 discusso di includere nuove info TOF negli AO2D

- if track is matched to a cluster with more than 1 hit (OK accepted)
- TOF channels, use case mismatch, still under discussion, + 0.33% data size in pp

PID

- Nel momento in cui uno gira su un period nuovo, l'oggetto di parametrizzazione ccdb non c'è --> crash del task PID ? @Nicolò

Power will be turned off according to the plan below:

CR1 (FLP, BK, QCDB) + CTP : Power down on Friday (31.Jan) afternoon (after 15:00) and power on Thursday (6. Feb)

CR0 (EPN) : Power down on Monday (3.Feb) afternoon and power on Wednesday (5. Feb)

DCS : Power down on Monday (3.Feb) afternoon and power on Wednesday (5. Feb)