

More Info

CODE IMPORTANTS:

Input Data utilisé (format Run 2 convertis) :

[https://alimonitor.cern.ch/prod/jobs.jsp?t=20117&outputdir=PWGZZ/Run3Conversion/242_20211215-1006_child_2\\$](https://alimonitor.cern.ch/prod/jobs.jsp?t=20117&outputdir=PWGZZ/Run3Conversion/242_20211215-1006_child_2$)

pour la task:

<https://github.com/AliceO2Group/O2Physics/blob/master/PWGDQ/Tasks/dqFlow.cxx>

fill du Qvector avec le VarManager:

<https://github.com/AliceO2Group/O2Physics/blob/4ff30915f1682cb9cbdc6b8b6f410b300257c1b8/PWGDQ/Core/VarManager.h#L2035>

calcul des paires v2 et v3:

<https://github.com/AliceO2Group/O2Physics/blob/4ff30915f1682cb9cbdc6b8b6f410b300257c1b8/PWGDQ/Core/VarManager.h#L2075>

ex. histograms de 'dimuon v2 vs mass':

<https://github.com/AliceO2Group/O2Physics/blob/4ff30915f1682cb9cbdc6b8b6f410b300257c1b8/PWGDQ/Core/HistogramsLibrary.cxx#L538C1-L538C1>

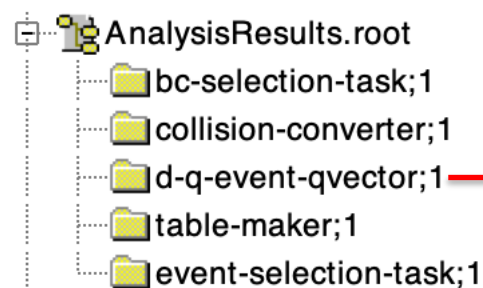
Config + script (attention c'est vieux pas sur qu'on veut utiliser cela...)

<https://github.com/ctolon/PythonInterfaceDemo/tree/main/NewAllWorkFlows>

O2DQworkflow:

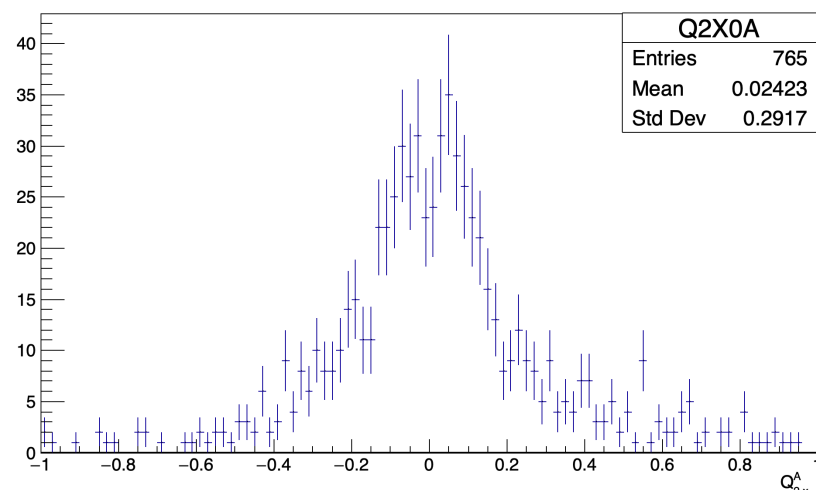
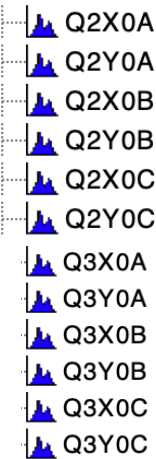
<https://github.com/iarsene/O2DQworkflows>

- o2-analysis-bc-converter --configuration json://tempConfigTableMaker.json -b | o2-analysis-timestamp --configuration json://tempConfigTableMaker.json -b | o2-analysis-zdc-converter --configuration json://tempConfigTableMaker.json -b | o2-analysis-collision-converter --configuration json://tempConfigTableMaker.json -b | o2-analysis-tracks-extra-converter --configuration json://tempConfigTableMaker.json -b | o2-analysis-multiplicity-table --configuration json://tempConfigTableMaker.json -b | o2-analysis-centrality-table --configuration json://tempConfigTableMaker.json -b | o2-analysis-event-selection --configuration json://tempConfigTableMaker.json -b | o2-analysis-trackextension --configuration json://tempConfigTableMaker.json -b | o2-analysis-trackselection --configuration json://tempConfigTableMaker.json -b | o2-analysis-fwdtrackextension --configuration json://tempConfigTableMaker.json -b | o2-analysis-dq-flow --configuration json://tempConfigTableMaker.json -b | o2-analysis-dq-table-maker --configuration json://tempConfigTableMaker.json --aod-writer-json OutputDirector.json --severity error --shm-segment-size 12000000000 -b



Produces **AnalysisResults.root**

It doesn't produce
ReducedAod.root



2nd Attempt (run3)

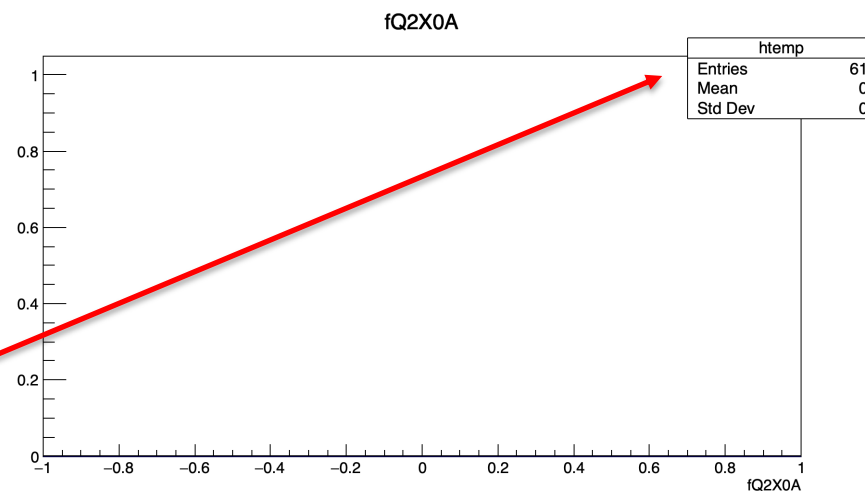
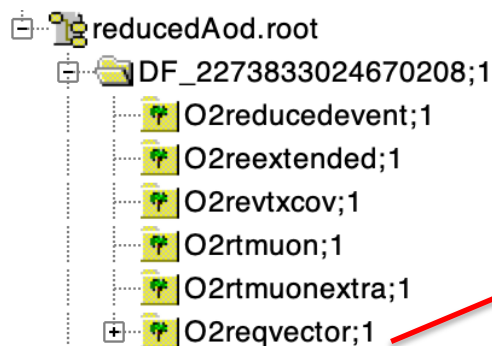
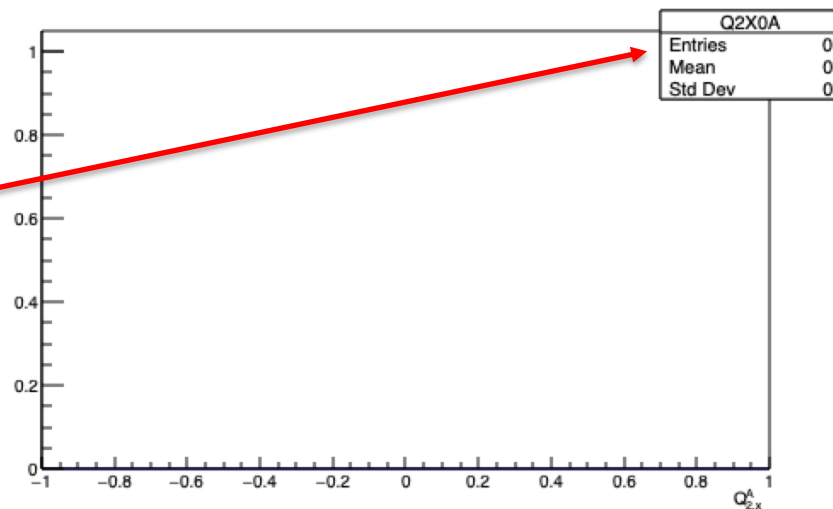
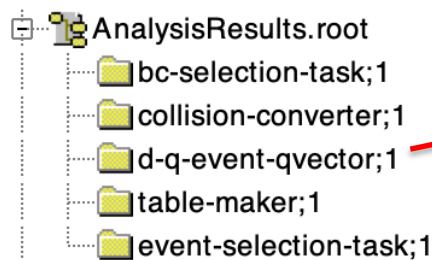
- python3 runTableMaker.py configuration-new.json -runData --arg table-maker:MuonOnlyWithQvector:true --add_extra_conv --add_bc_conv --add_zdc_conv --add_col_conv

Produces

ReducedAO2D.root

And

AnalysisResults.root



- o2-analysis-dq-table-reader --configuration json://configAnalysisData.json -b --aod-writer-json writerConfiguration_dileptons.json

BACK UP