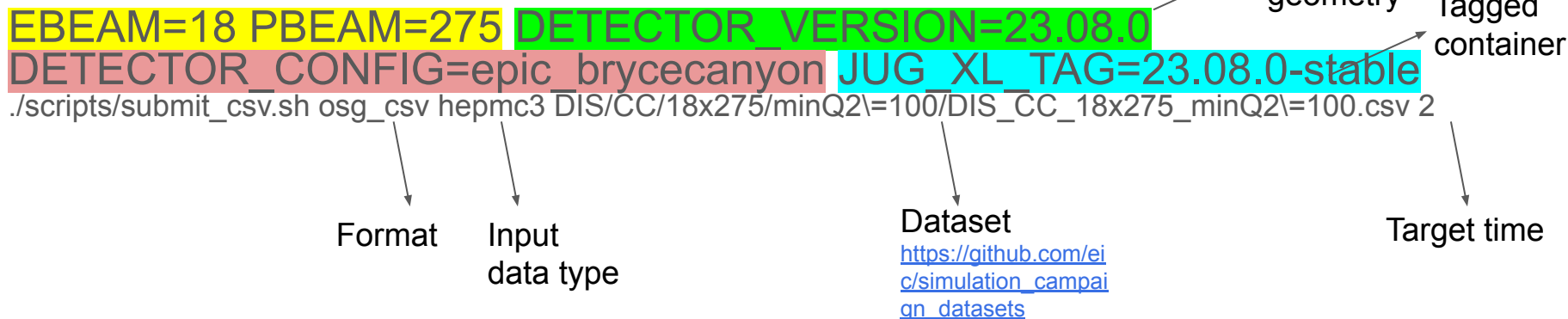


General Updates for August 2023 Train

Sakib Rahman
30 August 2023

Conductor's Log Book

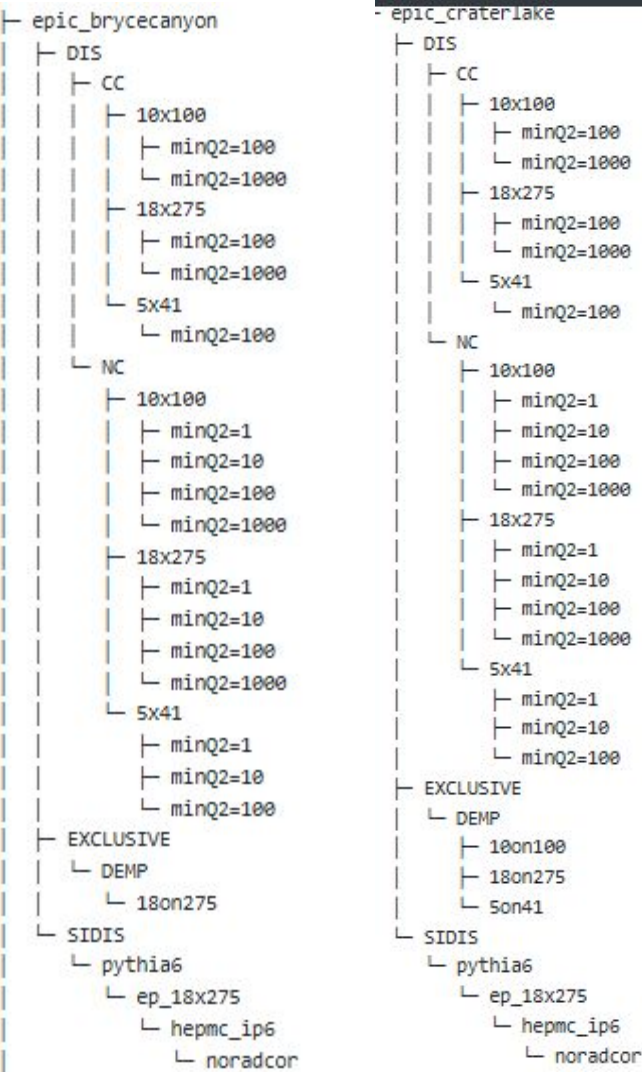
- Created account on Open Science Grid and subscribed to ePIC project
- Connected to the jlab submit node
 - `ssh <username>@scilogin.jlab.org -Y` and then `ssh osg-eic -Y`
- Cloned https://github.com/eic/job_submission_condor and set up your S3 writing credentials
- Execute submit_csv.sh script for each dataset provided in the form of csv files



- Jobs when submitted goes into idle queue before running. Failed jobs go into hold queue. Use `hold_review_and_release.sh` to monitor reasons for common job failures and resubmit. To release all jobs on hold at once use `condor_release <username>`
- Accessing output: <https://eic.github.io/epic-prod/documentation/faq.html>

Trains

Automated updates for datasets run will be posted at [campaigns · The EIC ePIC Simulation Production Campaign Website](#). Showing results for 23.08.0 here. Layout still needs some tweaking with more details posted (file number, sizes etc.)



Charters/Taxis

2 exclusive datasets:

- Shared via google drive with production

WG

- Converted into hepmc3.tree.root format and then placed on xrootd
- Done now

XRootD writing

Test runs with osg and jlab submit nodes:

- Still investigating this

Needs for 23.08.0

- 1) Reconstructed/Truth for everything that has an associations table
 - Got the scripts. Need to integrate.
- 2) Diffractive Phi Dataset
 - a) Started running (How many events do we need? So far have about 0.5 million. Storing both full and reco output.)