

BLPass4

Git tag [v01_12_2019](#)

The previous pass called "pass3" has failed a lot of jobs, and one of the main reasons was related to JLab farm scheduler, it was taking more jobs that it can handle. There were a lot of other jobs failed because of other reason, so it was decided to cancel that pass, and start a new pass.

Matt Solt's study showed beam position variations as a function of run numbers (See [January 8, 2019 DAWG Meeting](#))

This is blinded pass which has hard coded run by run beam position changes, and this pass has full set of skims includeing FEEs and singles skims, while these will not be produced during the full pass production.

| <i>ATTRIBUTE</i> | <i>Value</i> |
|------------------|--|
| PASS | BLPass4 |
| DETECTOR | HPS-PhysicsRun2016-Pass2 |
| FIELDMAP | 209acm2_5kg_corrected_unfolded_scaled_1.04545_v4.dat |
| TAPETOPDIR | /mss/hallb/hps/physrun2016 |
| DISKTOPDIR | /work/hallb/hps/data/physrun2016 |
| GROUPTOPDIR | /group/hps/production/data/PhysRun2016 |
| RELEASE | v01_12_19 |
| PREFIX | hps_00 |
| JAVA | /apps/scicomp/java/jdk1.8/bin/java |
| SERIALGC | -XX:+UseSerialGC |
| JAR | hps-distribution_v01_12_2019.jar |
| JAR_OPTS | -DdisableSvtAlignmentConstants |
| setup hpstr | source /u/group/hps/hps_soft/setup_hpstr.csh |
| DSTMAKER (hpstr) | hpstr /u/group/hps/hps_soft/hpstr/processors/config/dst.py |
| HEAPSET | -Xmx1400m |
| BLINDED | 1 |
| RECON_STEER | /org/hps/steering/recon/PhysicsRun2016FullRecon.lcsim |
| PULSER_STEER | /org/hps/steering/production/PulserTriggerFilter.lcsim |
| S0_STEER | /org/hps/steering/production/Single0TriggerFilter.lcsim |
| S1_STEER | /org/hps/steering/production/Single1TriggerFilter.lcsim |
| MOLLER_STEER | /org/hps/steering/production/MollerSkim.lcsim |
| V0_STEER | /org/hps/steering/production/V0Skim.lcsim |
| NTUPLE_STEER | /org/hps/steering/analysis/MakeTuples2016.lcsim |

The list of runs being processed can be found [here](#).