tpass7f

In This "TEST" pass all the items in the checklist are marked as fixed. And the purpose of this test pass is to check if there is any issue found, before starting the full pass

It has only two runs 5772: from 0.5mm dataset, and 5611: from 1.5mm data set.

More than 100 files from each run are cooked.

HPS-Java release 4.0

Ingredient	decscription
detector	HPS-EngRun2015-Nominal-v6-0-fieldmap
fee_steer	/org/hps/steering/production/FEEFilter.lcsim
fieldmap	125acm2_3kg_corrected_unfolded_scaled_0.7992.dat
moller_steer	/org/hps/steering/production/MollerCandidateFilter.lcsim
p0_steer	/org/hps/steering/production/Pair0TriggerFilter.lcsim
pulser_steer	/org/hps/steering/production/PulserTriggerFilter.lcsim
recon_steer	/org/hps/steering/recon/EngineeringRun2015FullRecon.lcsim
s0_steer	/org/hps/steering/production/Single0TriggerFilter.lcsim
tuple_steer	/org/hps/steering/analysis/MakeTuplesNoTweak.lcsim
v0_steer	/org/hps/steering/production/V0CandidateFilter.lcsim

Time outs

Out of 242 jobs 6 were timed out "240 194 133 14 18 467".

Reconstruction stops at some point, JVM doesn't exit, doesn't throw exception nor produces any warning message,

it just doesn't reconstruct any more event.

Running it interactively, shows, that lmost 100% of CPU is used by JVM.

Bad cached files

Some of input evio files were not properly cached from the tape.

On the cace disk following files have file size=0

Files from 5772: 3 95

files from 5611: 169 205 213

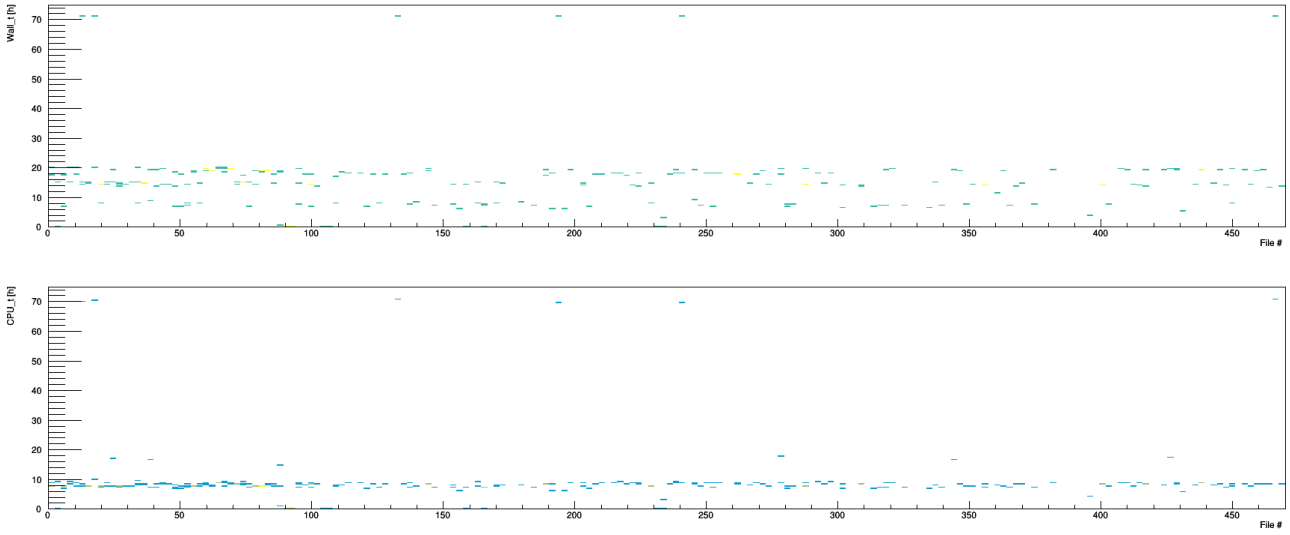
Computing times

Two plots below show Wall time and CPU time of jobs.

CPU time show quite good mostly below 10 hours.

Quite large number of jobs however have significantly larger wall times.

The reason is not quite clear. Seems Recon is done fine, however it takes quite long time before starting DSTs



Base directory fotrhis pass

/work/hallb/hps/data/engrun2015/tpass7d