

HGamAnalysisFramework

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basic information

- getting start:

<https://twiki.cern.ch/twiki/bin/view/AtlasProtected/HggDerivationAnalysisFramework>

- tutorial:

<https://twiki.cern.ch/twiki/bin/view/AtlasProtected/HGamAnalysisFrameworkTutorial>

- structure:

<http://dgillber.web.cern.ch/dgillber/HGamAnalysisFramework/index.html>

- compile in SLC6

start

- setupATLAS
- rcSetup Base,2.3.18
- rc checkout_pkg
- ./HGamAnalysisFramework/scripts/setupRelease
- HgammaSandbox:some examples here,but many bugs now.

tutorial

- `make_skeleton $dir $project`
- add our own codes in `createOutput()`, `execute()`
- an example of photon reco efficiency exists in twiki

what we can do

- actually, Maosen and I did some work with this framework.
- reading variables
- some basic cuts
- draw plots
- find an option to submit jobs on grid ,not try it