

Set environment before doing anything!

Bin\_Splitter.C

env\_bins.sh

source env\_bins.sh

Dependencies:

counts.root

rtree.root

pol.root

trigid.dat

root12fms Output files  
../Output/\*.root

Output file reduction  
**loop\_ReduceData**

reduced dataset  
**redset/\*.root**

**loop\_Diagnostics**  
diagset/\*.root  
**hadd\_Diagnostics**  
**add\_diag.C**

diagset/setdep.root

next page

phi distributions  
**phiset/\*.root**

Make Phi Distributions  
**loop\_PhiDists**

mass\_cuts.dat

mass\_cuts.pdf

**MassCutter.C**

**DrawDiagnostics.C**

diag\_plots/diag\_web.html

diag\_plots/\*.png

**toa\_add.C**

printPDFs=1

**wdist\_pdfs/\*.pdf**

**phiset/all.root**

Manually look for  
hot towers and append  
the runs to **exclusion\_list\*\***

**exclusion\_list\_\***

**asym\_call\_jets**

- calls **Asym3.C** for three classes of events (sph, pi0, thr)
- then calls **DrawAsymmetries.C** which draws plots for asyms vs. phi and vs. kinematic variables

**asym\_call [anything else]**

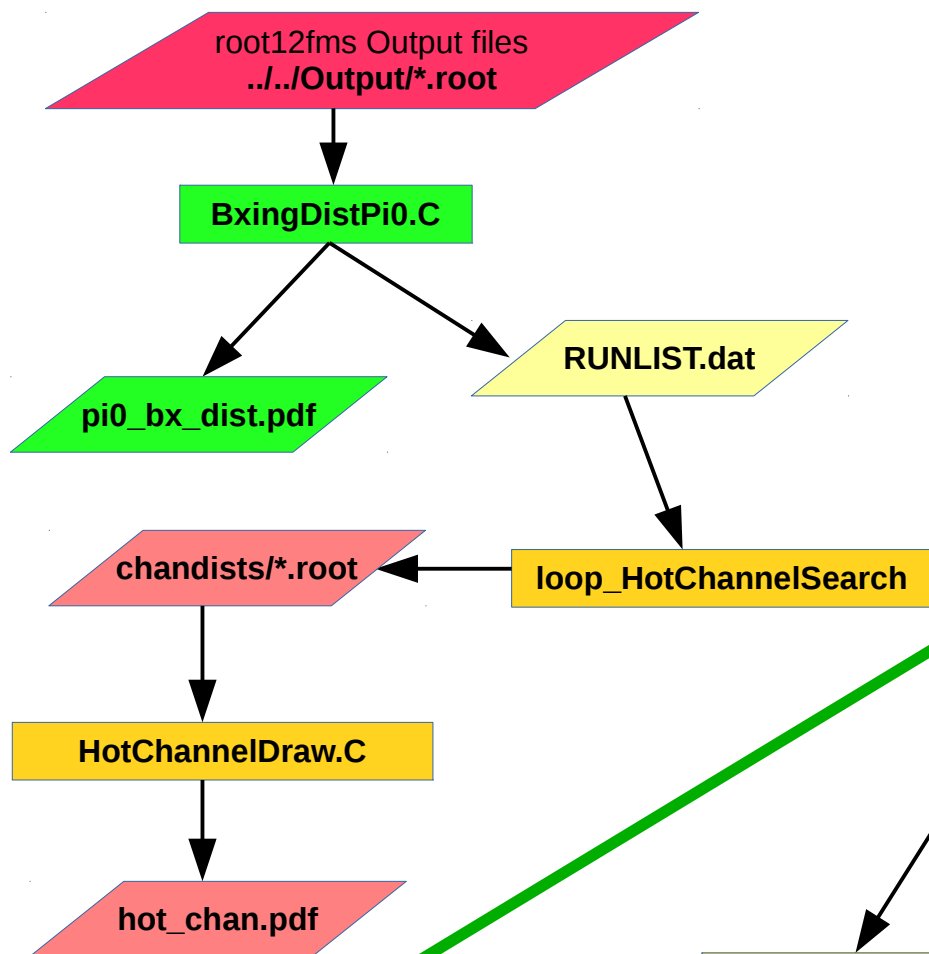
- diagnostic / consistency check scripts, which draw asymmetry plots for specific runs, fills, etc.

asymmetry plots  
**spin\*.root**  
(asym\_call\_jets  
moves it to \$outputdir)

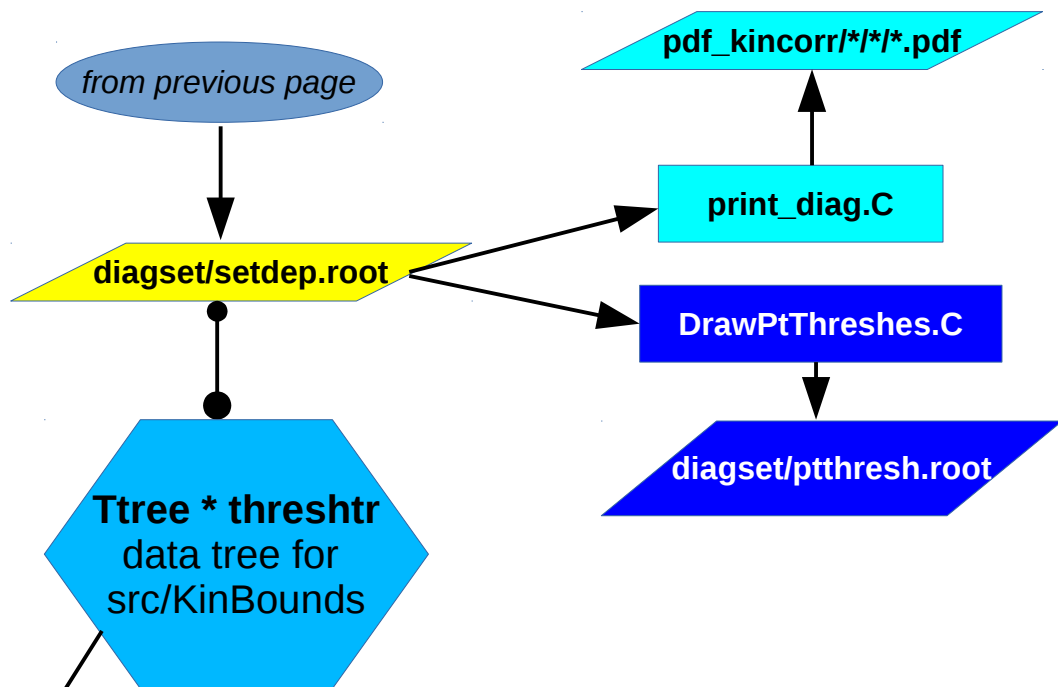
**\$outputdir/\*.png**  
best viewed with  
**asym\_plots/**  
**asym\_web.html**

**\$outputdir/asymcanv\*.root**

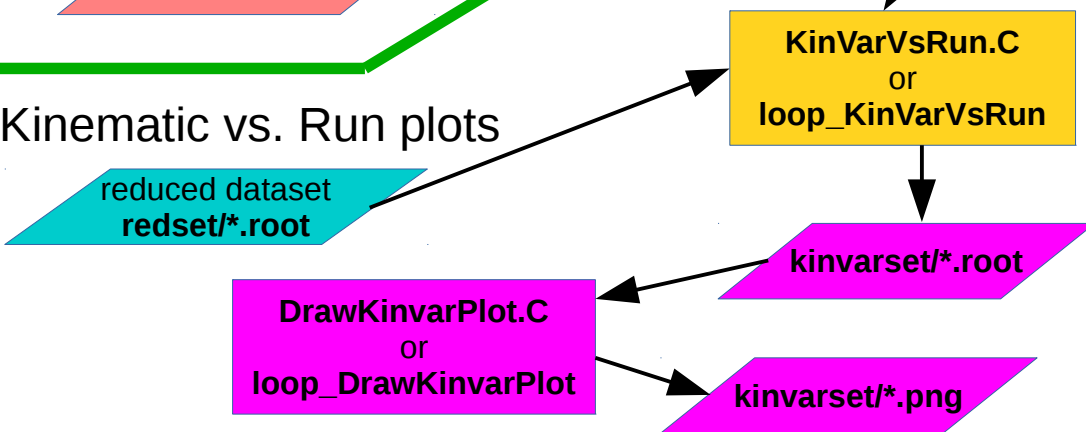
## Some Diagnostics...



## Tracking run-dependent thresholds



## Kinematic vs. Run plots



# Reading Events and Triggers

