

CheckMuonIDWithPresenter < LHCb < TWiki

Here's an example of how to check [MuonPIDChecker](#) or [MuIDMonitor](#) plots with presenter: (see also instructions from Giacomo)

login to lxplus

```
cd /afs/cern.ch/lhcb/group/dataquality/ROOT
```

```
./offlinePresenter
```

under history using pick set file

select a dataset, for example Collision12

select a configuration, for example Beam4000GeV-VeloClosed-MagDown

select a run number, for example 111827

select a processing pass, for example PreReco13

select 90000000 (FULL) or 91000000 (EXPRESS)

select a root file, for example BrunelDaVinci_FULL_111827_00017394.root

at the Database Page Browser expand LHCbInternal.DataQuality

click on MUON page 5: Muon pid checker

gives a page with 9 histograms.

Clicking on the blue 'oscilloscope' button overlays with a reference.

run77622.pdf: [MuonPidChecker](#) run 70690

In addition, eighteen 'expert' pages are available in the 'MuonID' folder

To modify the presentation of the histograms:

- using presenter: only from the offline control room. Start presenter using presenter_2.cfg. log in as HIST_WRITER.
- using the web interface [of the histogram database](#).

On lxplus runs a replica of the histogram database, that is updated approximately every 6 hours, so that's about the time it takes before histogram changes will be visible on lxplus.

-- RudolfOldeman - 05-May-2010

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