

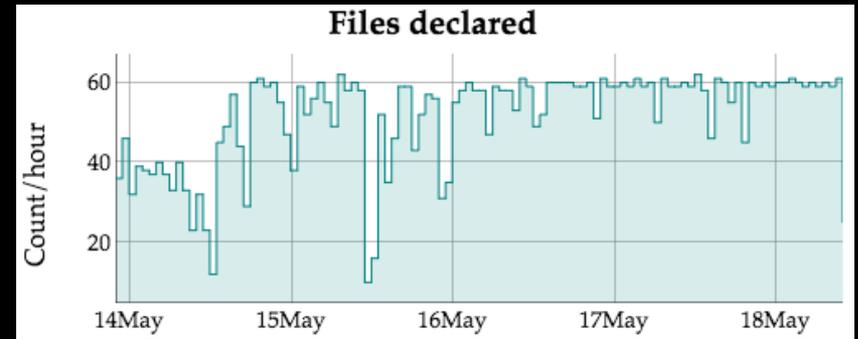
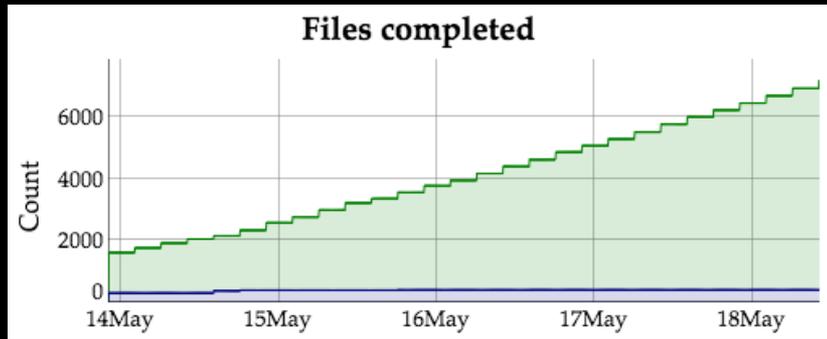
LArIAT

Liquid In A Testbeam

Jason St. John for the T-1034 Collaboration
All Experimenters' Meeting
2015.05.18

Settling into the groove

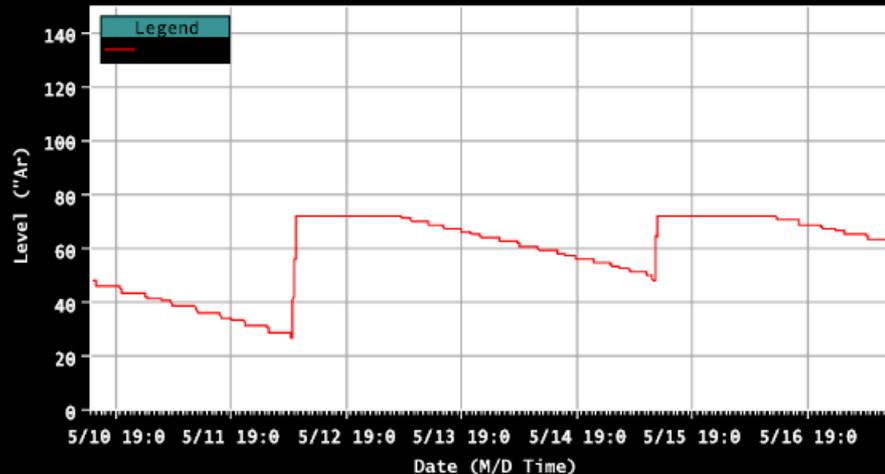
LArIAT data-taking becoming routine



Pauses (@~3 hours twice/wk) for LAr dewar refill

Level (1 week)

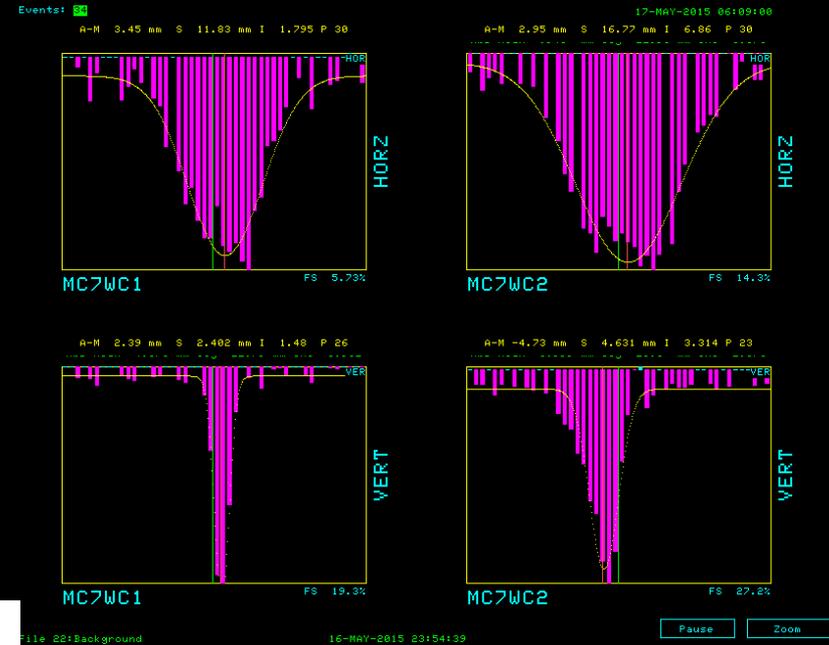
E:LT686: 61.211 "Ar



Beam

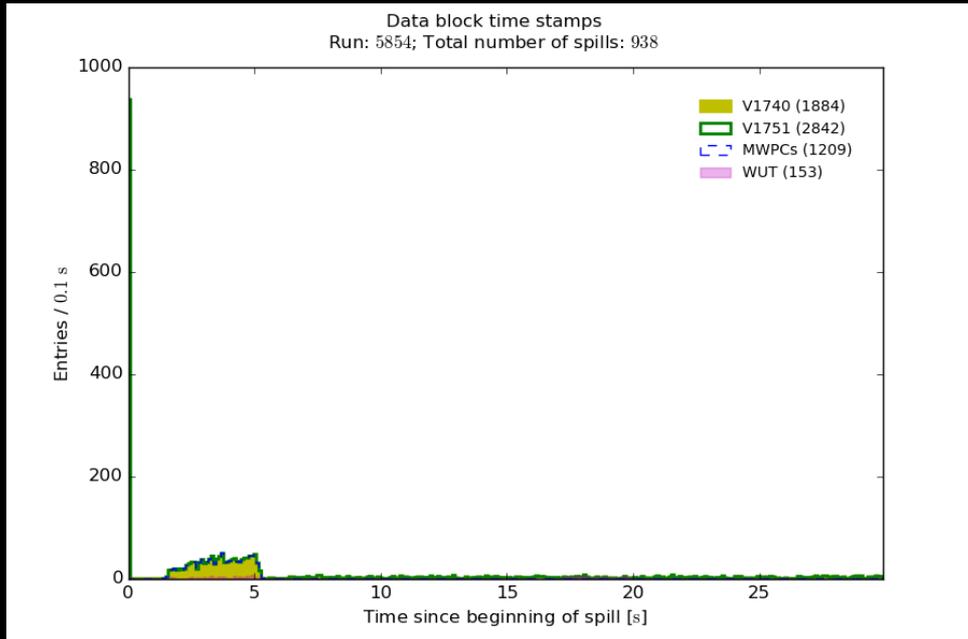
60 GeV π^+ beam on
Cu target

30,000 counts/spill \rightarrow



\leftarrow ~ 2 TPC
readouts/spill

PID info: Time of flight,
momentum, Aerogel
Cherenkov



Events

0

Run: 5835 Ev.: 31

Next

Previous

Select File

Stop Run

Max Range

Lock A.R.

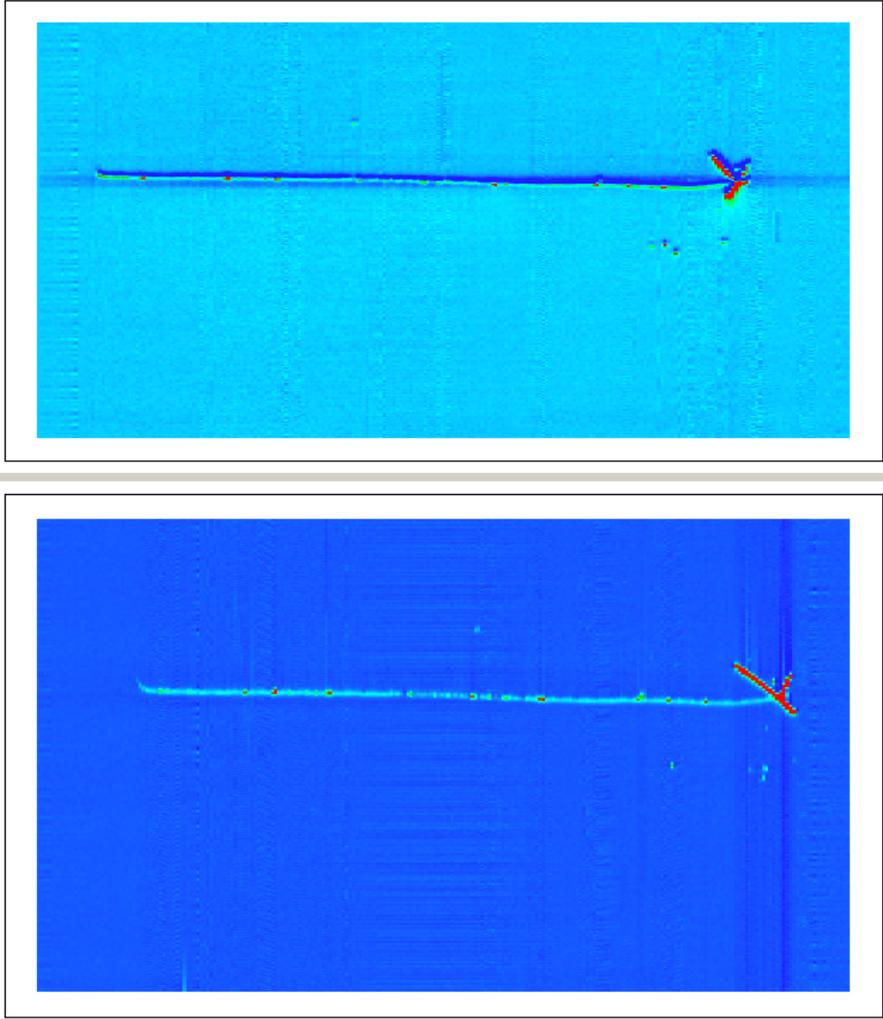
Wire Drawing

Use cm

Quit

W: 242, T: 2766

Capture Screen



Events

0
Run: 5835 Ev: 14
Next
Previous
Select File
Stop Run

Max Range
 Lock A.R.
 Wire Drawing
 Use cm
Quit

W: 246, T: 2797
Capture Screen

We're getting the kinds of events we need to make the measurements we set out to make