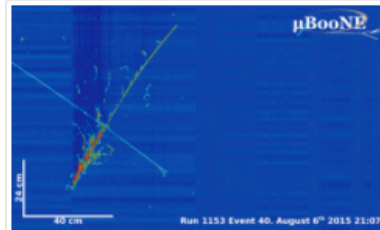
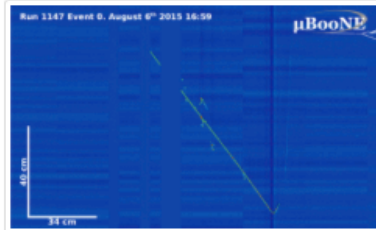


docdb 4658 - MicroBooNE First Images



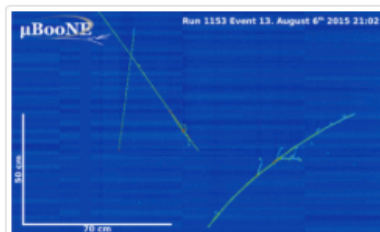
[jpeg] [pdf] [png]



[jpeg] [pdf] [png]



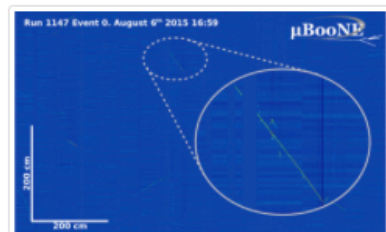
[jpeg] [pdf] [png]



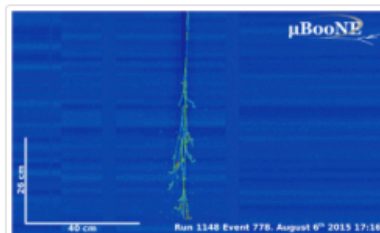
[jpg] [pdf] [png]



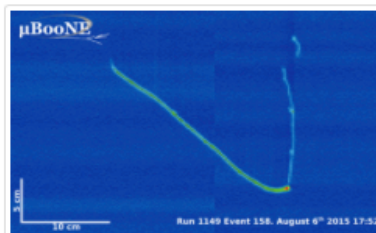
[jpg] [pdf] [png]



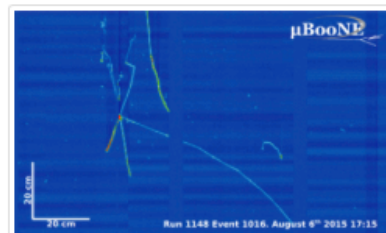
[jpeg] [pdf] [png]



[jpeg] [pdf] [png]



[jpg] [pdf] [png]



[jpeg] [pdf] [png]

MicroBooNE Approved Plots

Prepared by: Marco Del Tutto, University of Oxford

10 July 2017

INSTRUCTIONS

When do I need to push a plot to the webpage?

Only plots that have been approved by the MicroBooNE collaboration can go public on the webpage. For more information please refer to docdb XXX

How do I push a plot to the webpage?

Let's assume you have one (or more!) plots that have been approved.

- This plot has to be in one of the following format: 'png', 'jpg', 'jpeg', 'eps', 'pdf', 'ps'.
- Let's assume your plot is called "myplot.jpg". You need to prepare a text file (ASCII) with name "myplot_caption.txt" that contains the caption describing the plot. Note that this caption is not available to the public, but it may be very useful to other collaborators.
- Upload the plot and the caption to docdb. If you have multiple plots, you can upload all of them with their captions to the same docdb entry. If the plots belong to a document, you can upload them to the same docdb entry as the document.
- Pick the topic "Approved Plots" (under "Plot & Data Mgmt"). You can also add other topics, as necessary.
- Done! The new plot should be available on the web page in less than 24 hours.

If your plots are already on docdb and you want to push them to the website, just edit the docdb entry and add "Approved Plots" as an additional topic.

What do I do in case of errors?

If your plot doesn't appear on the webpage after 24 hours from submitting it to docdb, please contact marco.deltutto@physics.ox.ac.uk.

FOR PEOPLE WHO HAVE WRITE ACCESS TO WEB SERVERS

When new plots are fetched from docdb and pushed to the servers, they are put under the category "New/uncategorised". You can assign them to a new or an already existent category by editing the following xml file (from uboonegpvm):

```
/web/sites/m/microboone-exp.fnal.gov/htdocs/public/approved_plots/BlessedPlots.json
```

Every modification will be effective in less than 24 hours, contact marco.deltutto@physics.ox.ac.uk if problems.

FOR DEVELOPERS

The code repository lives on github: <https://github.com/marcodeitutto/UBWebPlotHandler>. The code was originally written by Chris Backhouse for the NOvA experiment, and is adapted here for MicroBooNE.

There is a *u booneweb* account with a keytab installed and already setup that allows to obtain Kerberos tickets from a cron job (only from uboonegpvm01). The cron job runs the script

```
/uboone/app/home/uboonewebUBWebPlotHandler/blessed_plot_runner.sh
```

which fetches the plots from DocDB and pushed them to the webpage.

The union docdb password is needed to grab plots, and it is stored in `/uboone/app/home/ubooneweb/.ub_docdb_pw.txt`. This file is only readable by the *u booneweb* user.
