

# Afterglow calibration for BCM1F

## OVERVIEW

SUMMER STUDENT

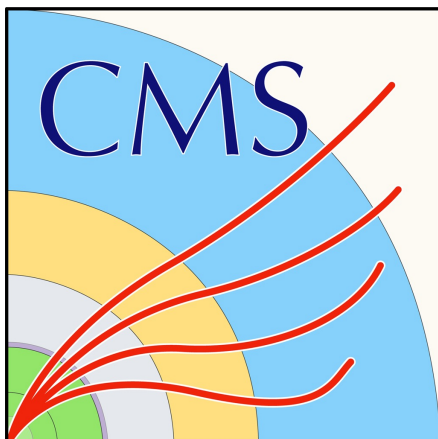
Lisa Generoso

SUPERVISORS

Andreas Meyer

Hugo Becerril

Moritz Guthoff



DESY Summer Student Program 2023



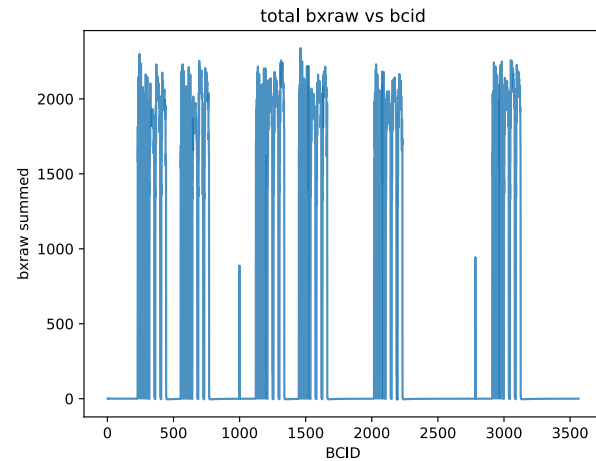
# Afterglow calibration CSV scripts

Script	Output
albedo_fill_csv.py	data_ch_(channelnum).csv
get_average.py	Average value of a column in a csv file
get_relative_rate.py	data_fill_(fillnum)_(eb_num).csv
rate_channel_csv.py	data_fill_(fillnum).csv

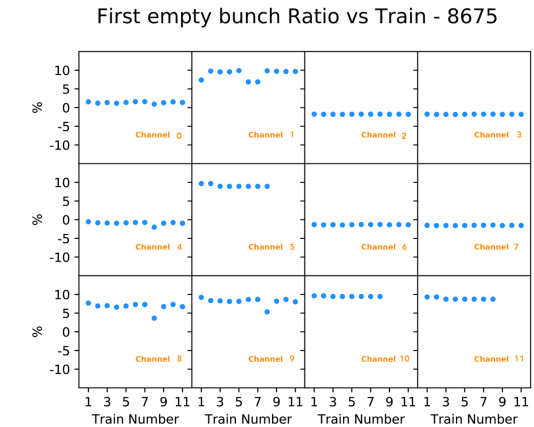
# Afterglow calibration plotting scripts

Script	Plot
fill_scan_plot.py	fill_(fillnum)_scan_(channelnum).pdf
rate_train_plot.py, rate_train_1ch.py	rate_train_(fillnum)_pg(page).pdf
rate_fill_plot.py	ratio_fill_channel_(channelnum)_new.pdf
albedo_channel_plot_all.py	ratio_channel_scatter.pdf
albedo_channel_histo.py	ratio_channel_histo.pdf
albedo_function_plot.py	third_correction.pdf

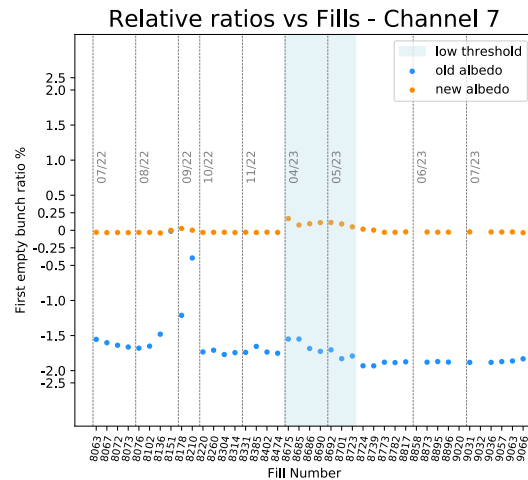
## fill\_(fillnum)\_scan\_(channelnum).pdf



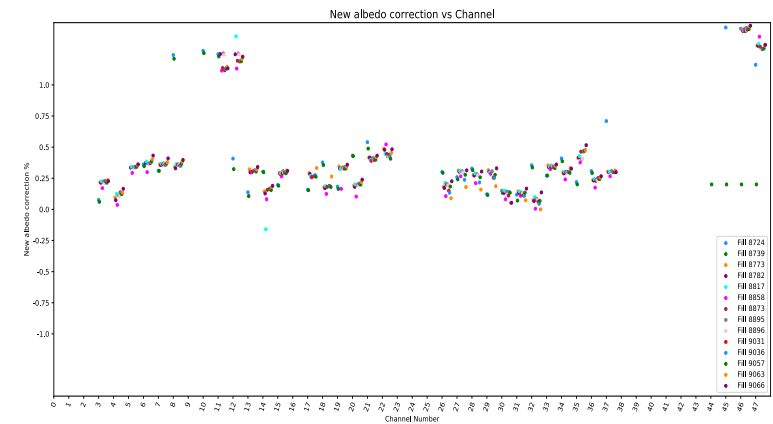
## rate\_train\_(fillnum)\_pg(page).pdf



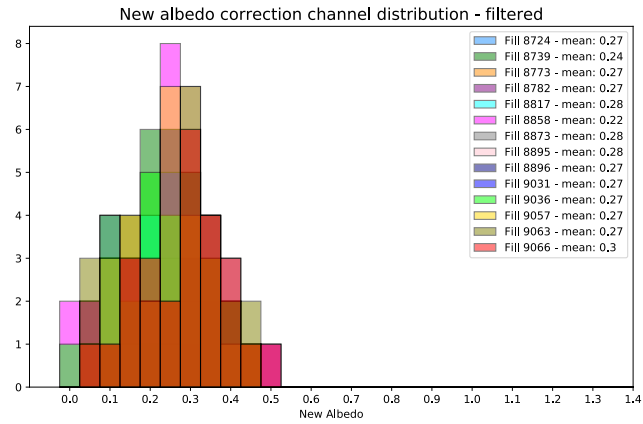
## ratio\_fill\_channel\_(channelnum)\_new.pdf



## ratio\_channel\_scatter.pdf



## ratio\_channel\_histo.pdf



## third\_correction.pdf

