



Group Meeting

2024/12/18 - Jean-Baptiste Plançon

Who am I?



That's me

First year PhD student

Who am I?



That's me

First year PhD student

Under the supervision of

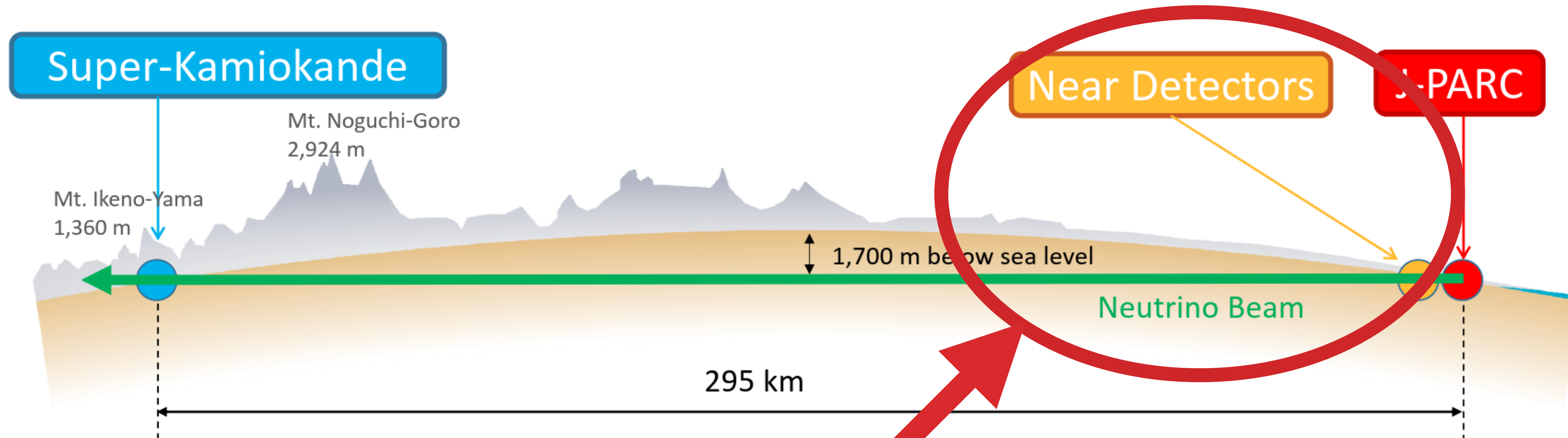


That's her

Margherita Buizza Avanzini

What am I supposed to do ?

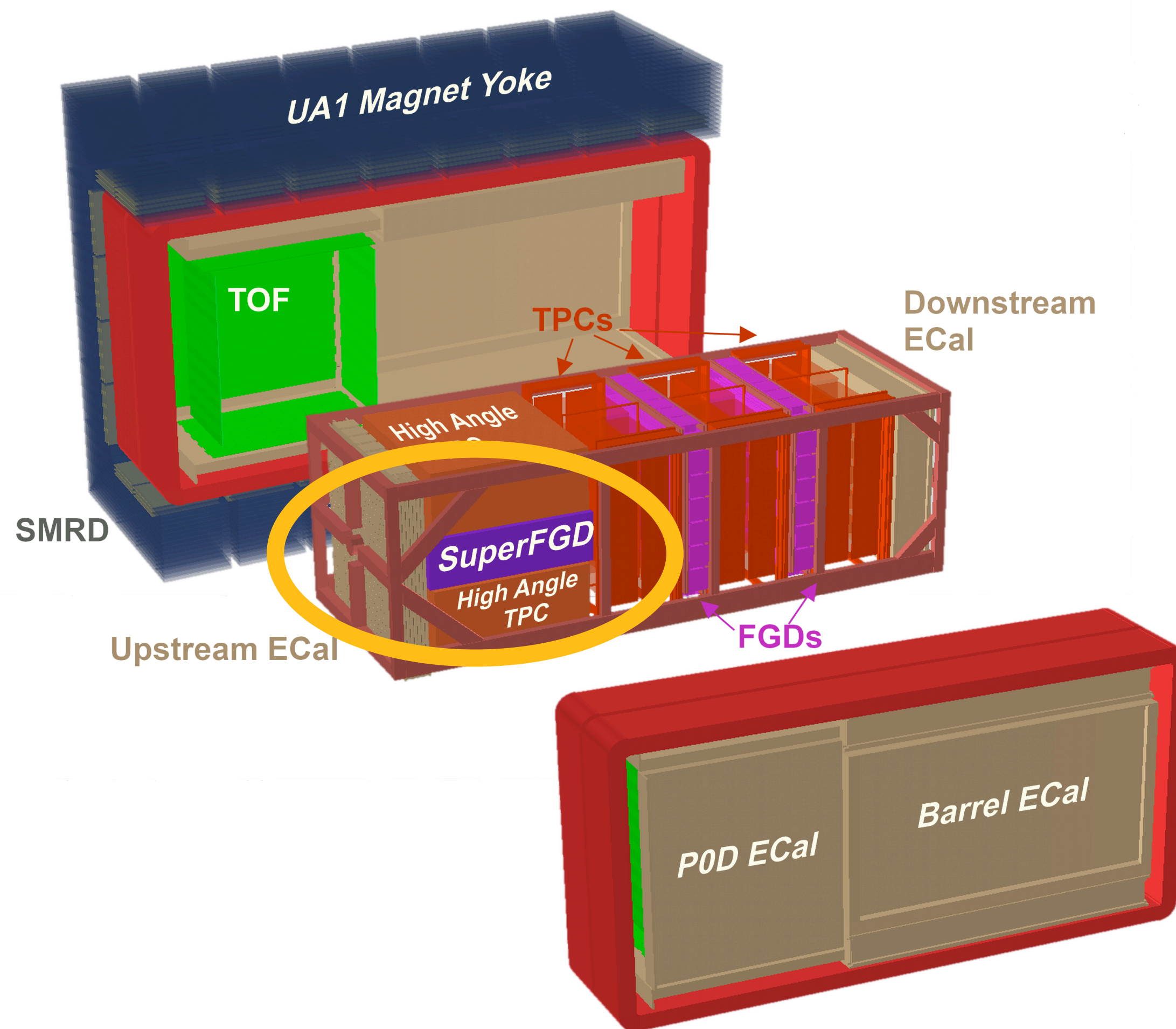
I work on the T2K experiment



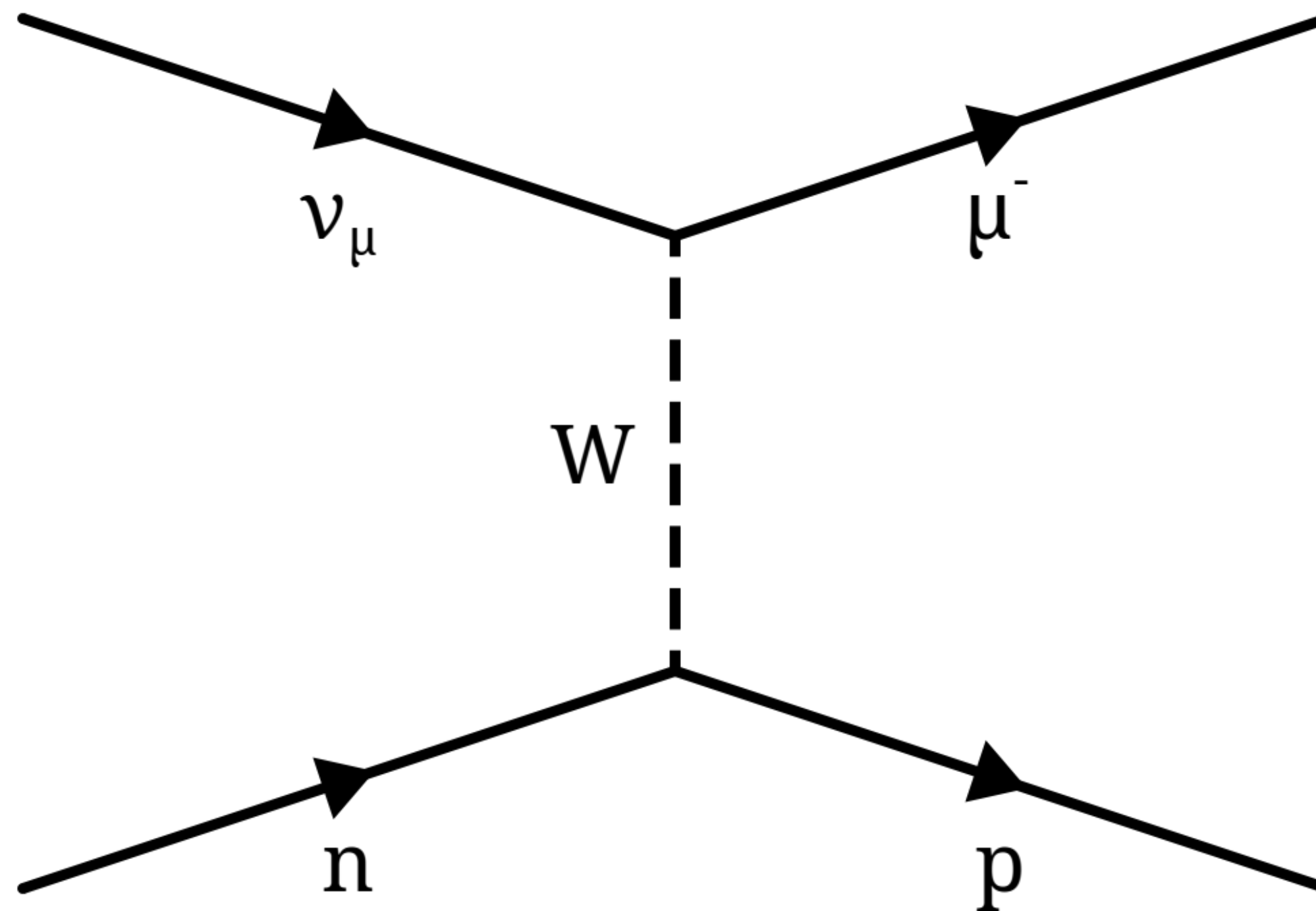
On the upgraded near detector

What am I supposed to do ?

SuperFGD (Near detector)



What am I supposed to do ?



Charge current without pions $CC0\pi^\pm$ in SFGD
(This work has started a bit)

What I've been really doing

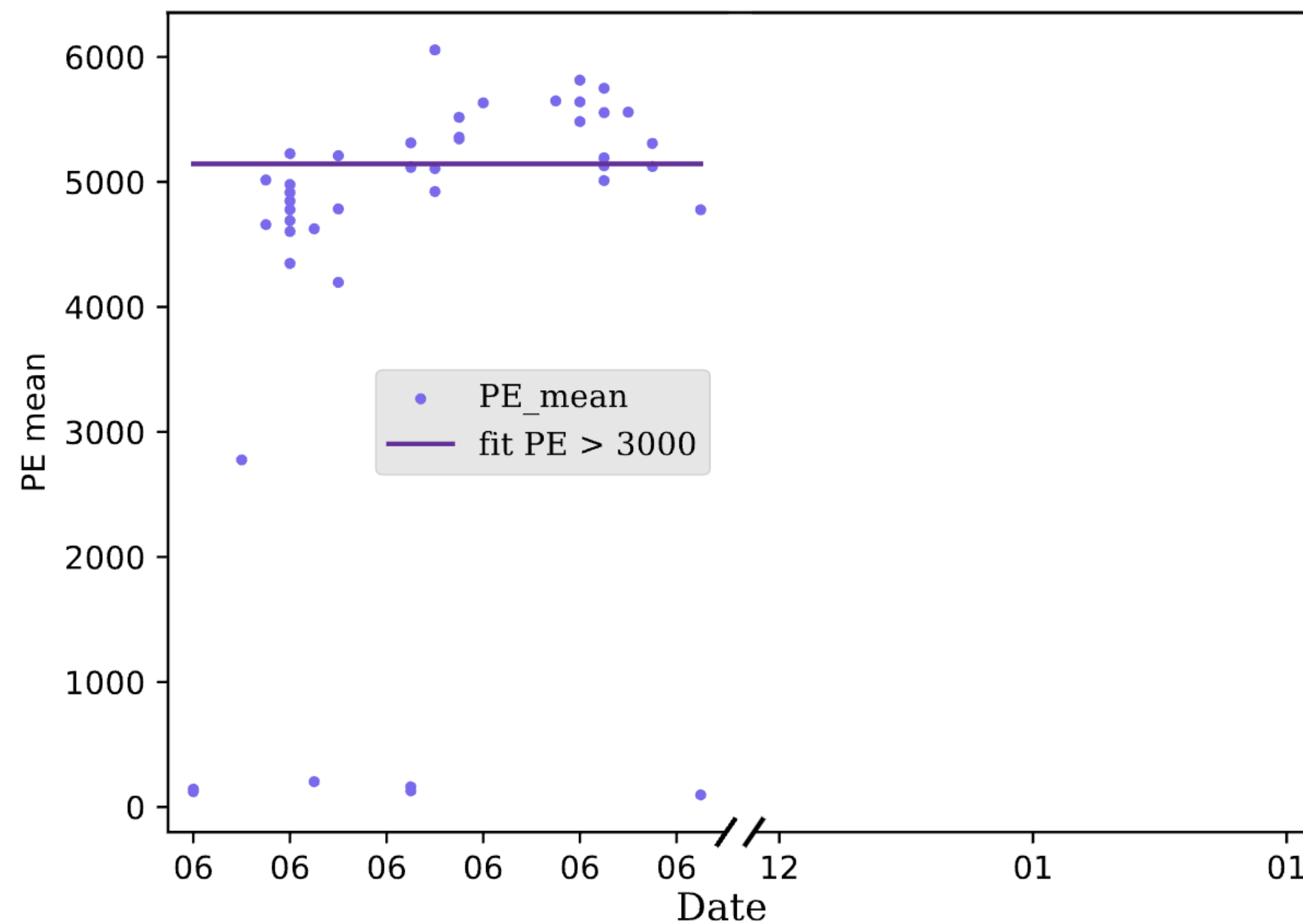
Lot of fights with the ND280 software (with the help of Viet)



What I've been really doing

Light Yield stability study

Mean of PE over time, year 2024, Valid Charge



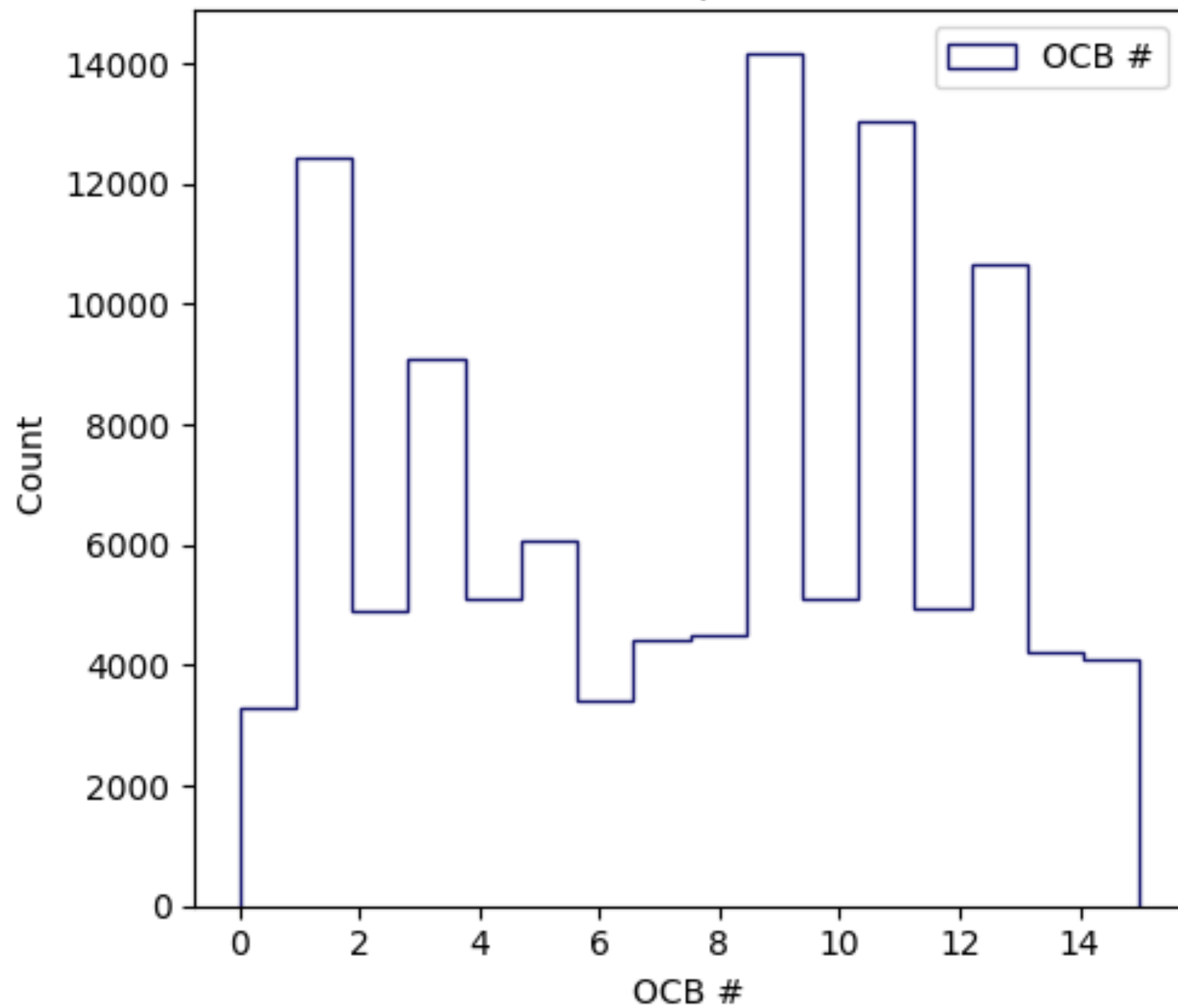
Mean of photo-electrons (PE)
emitted in SFGD per run
over time (June 2024 data taking)

What I've been really doing

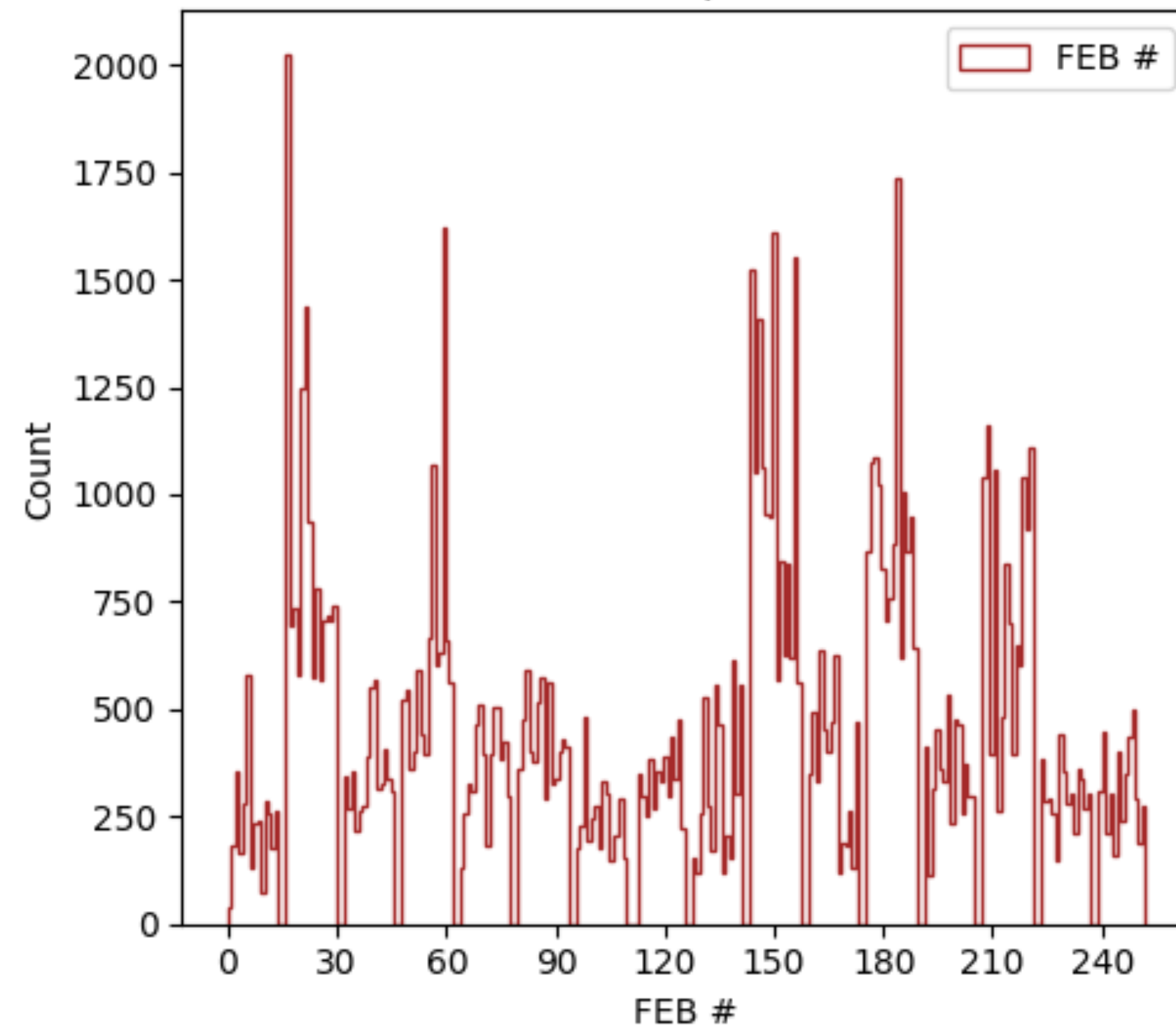
Below thresholds hits study

Run number 16869, PE < 3.5

of hits per OCB



of hits per FEB



OCB :
Optical Concentrator
Board

FEB:
Front End Board



Thank You!

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