

Akitomo:

- \* DAC0=30 is good enough for the online chip/channel mask study.
- \* Raul has already unmasked chips at FELIX level, but need to check.
- \* The online mask is saved as text file, keeping old version for the record. Need to write document.
- \* We have to use the same DAC0 value for all modules to make offline analyses simple.
- \* Semi-online plots at 1008 framework is kind of redundant. The online plot for quick feedback should be implemented in the regular online plot for shift crews.
- \* For automated plots at SDCC, it would be nice if the run dependence of the beam collision point, beam spot, x, y, z are shown.
- \* Make check list of status, to do list, for Run25. And make a simple (sustainable) "plan of the day page".
- \* Mix-up event offline QA plot macro has been committed to github, but not working yet.
- \* Current INTT offline QA plots were not developed by INTT group, but just copy from mvtx's plots.
- \* Jaen will summarize the status of on-going offline QA plot works.
- \* Tracking group is worrying about INTT mix-up event.
- \* It is timing mis-alignment issue but nothing to do with the mix-up event.
- \* Joseph/Cheng-Wei will discuss to understand what is the real Tony's concern.
- \* What is the definition of mix-up event? Looks like everyone has different definitions...
- \* How to identify mix-up hit? We cannot tell which hit is coming from mix-up event.
- \* Recently Mai studied and found that hits from mix-up event are always stored at the first part of event data.
- \* Mai/Takashi will report the status of the Event mix-up analysis.
- \* Jakub showed the distribution of BCO diff of INTT clusters between layer 1 and 2, and it is non-zero value?

Ryota:

- \* In summary page, what is the difference between the bullet 3 and 4?
- \*\* The bullet 3 is about fixed vertex, and the bullet 4 is varied vertex.
- \* Why 97% efficiency in single muon simulation?
- \*\* One possibility is that my algorithm is still incorrect, or it is just maximum performance using only 2-layer + vertex.
- \* You have too narrow windows. Why don't you try up to 5mm window?
- \* Is there any gap dead area in the simulation? Fiducial cut?
- \*\* Just avoid to throw muon to the edge or gap of the detector.
- \* How about PHYSIA? Did you apply the fiducial cut?
- \* Upload your code to somewhere if you want someone to check the algorithm.
- \* Need to understand why you lose 3% in the single muon simulation
- \* In JPS, audience would be confused if you say it's "detection efficiency" is 97%
- \* Show your analysis schedule until JPS.

Yusuke:

- \* What is the number of hits per chip per event because you are using source
- \*\* Page 23 is actually showing hit rate, but not event rate.
- \* Did you check ADC vs ampl correlation is still intact even if you change the digital parameter?
- \*\* Yusuke will include the ADC vs ampl correlation plots in the slide.