Dear all,

Here is the minutes from today's meeting.

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o INTT simulation update <Cheng-Wei>

- Found minor bugs in the conductive glue part and extra ghost cell at the end of the type-A silicon sensors of the INTT geant model.

- Found the major bug in the strip length of the type-B silicon sensors. This bug is already fixed. **Cheng-Wei** will compare the consistency in the MC and true eta distributions which was the employed as the correction factor of dN/deta data.

- The diffusion effect was somehow limited to the cluster phi-size of 12. Don't know what's the reason for this unnatural limit. **Cheng-Wei** will remove this limit.

- z-cluster reconstruction algorithm needs to be visited. As Tomoya demonstrated the event display of the beam backgrounds, we need to introduce the function to remove any clusters likely to be the beam backgrounds right after the clustering routine using the z-cluster reconstruction algorithm. Once they are removed from the cluster candidates, we should move on to the tracklet analysis.

- **Tomoya** promised to report about the beam background clusters identification in the INTT meeting next week.

- We need a **volunteer** to work on the diffusion parameter optimization in the INTT MC model. Cosmic ray may be a good to start for this optimization. **Wei-Che** is expected to feed the good track samples from the cosmic data.

- Another **volunteer** is expected to work on the two distinctive peaks in the phi-cluster size distribution. See slide page 13 below.

https://docs.google.com/presentation/d/1yT5MvDlxw5-oxLY_kLdIcSICUpE5x4XVPppj2PBgaS8/edit?pli=1#slide=id.g301492bd2a2_0_0

o Logistics of the INTT workshop in KU <Jaein>

- Be prepared for cold weather!

o Calibration summary and updates <Jaein>

- Classification as "bad run" may not be determined only by INTT for acceptance and #of GL1. The decision may be made by the analyzer of each physics topics. Suspicious behavior of INTT which we INTT group cannot guarantee the quality of data such as inconsistent BCO peak positions (like bad alignment), etc can be disabled within INTT group.

- **Jaein** re-evaluate the good,bad,... run fractions after serious physics data taking started. The good run fraction is expected to be improved.

o Old calibration data <Genki>

- **Genki** will ask Chris the location of the old calibration data and make record in wiki page.

Best regards,

–itaru

On 2024/11/06 14:12, Itaru Nakagawa wrote:

> Dear all,
>
> Thank you for voting in doodle. Evening time in Asia (morning in East coast) doesn't seem to be preferable for colleagues. We will have weekly INTT meeting in following date/time from this week on. Note this is new time/date!
>
> **Nov. 7th Thursday 7PM in BNL = Nov. 8th Friday 9AM in Japan = Friday 8AM in Taiwan**
>
> Tentative agenda: Cheng-Wei will update the analysis status of dN/deta using Run24 data and some plan for QM2025. Jaein will introduce the venue of the workshop.
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>
> *indico
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> https://indico.bnl.gov/event/25508/
>
> *Zoom
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> https://zoom.us/j/92149923535
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> Best regards,
>
> –itaru