Offline QA
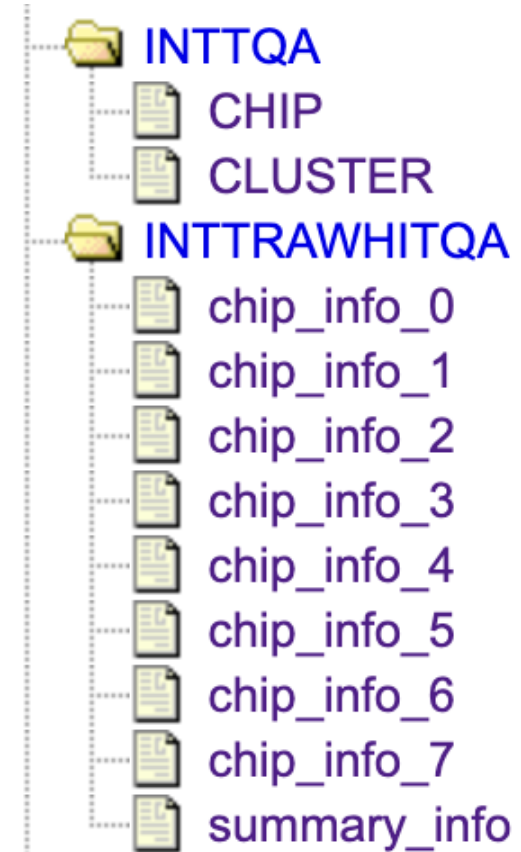
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Current Offline QA Plots

- The current QA plots
  - CHIP occupancy
  - Cluster size
  - Cluster phi distribution
  - inner cluster z vs inner cluster phi
  - outer cluster z vs outer cluster phi
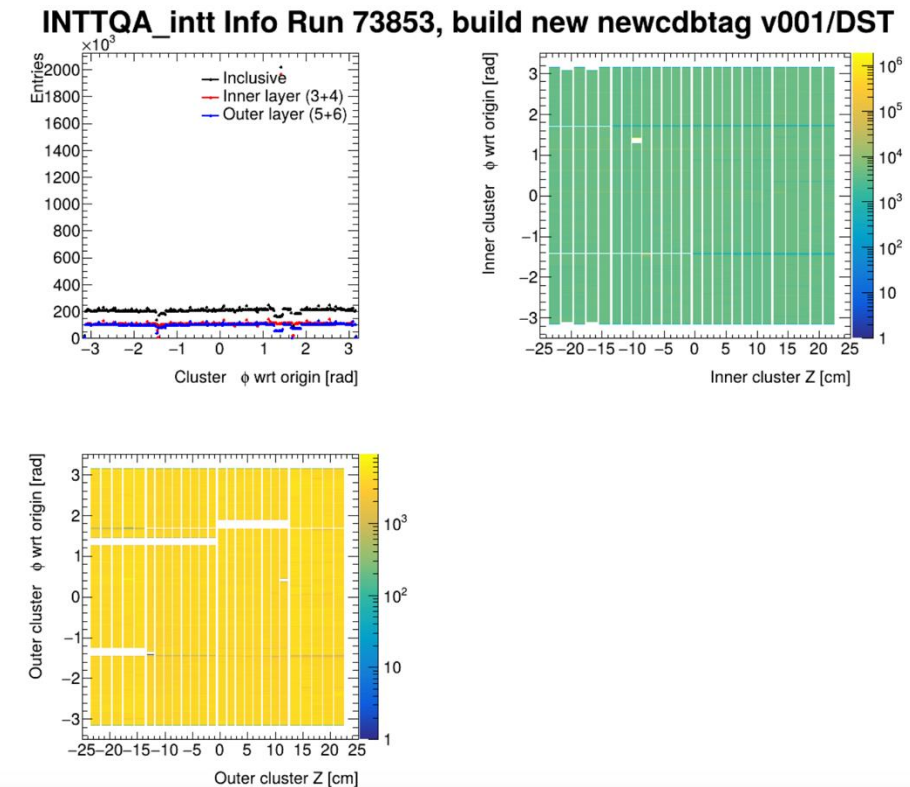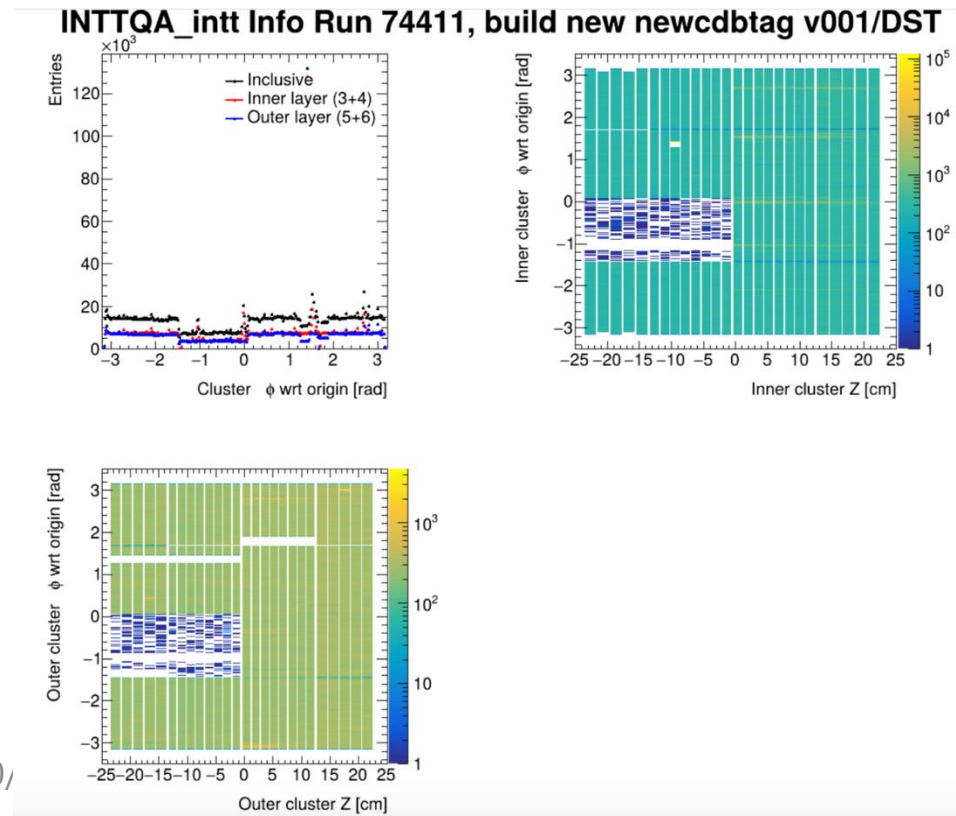 - Raw hit map for each strip

Offline QA

New Offline QA plots

- Joseph's update should have been reflected in yesterday's tag.
    - BCO
    - BCO summary
    - Hit map for each chip
- I want add a plot based on the calibration to calculate the fraction of health chip.
    - It is not recommended to use the calibration file for offline QA. We need to integrate the calibration workflow to offline QA.

Cluster phi distribution

- If there's a large missing section like in the left figure, it should be easy to spot right away.
- As shown in the right figure, only one phi bin has a large number of entries.
  - Hot channel might be excluded in the clustering?

Summary slide

- Update summary slide based on bco and the fraction of health channels
  - If these two are fine and the cluster distribution is bad, it can be "questionable".