

HDF5 for Photon Detectors and ProtoDUNE-SP NTuples

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Outline

Brief mention of HDF5 decoding for NP04 PDS

ProtoDUNE-SP NTuples

HDF5 for Photon Detectors

In addition to Barnali's work developing the HDF5 decoding for Cold Electronics, I started coding this up for the NP04 photon detectors

- See [here](#)

Work is ongoing (though on the back-burner for now)

ProtoDUNE-SP NTuple Production

Lots of users had started using files produced by a module I developed

- Files were being passed around/copied by-hand, no real documentation
- Multiple people were running over similar datasets and repeating work

Developed a workflow for producing centralized analysis ntuples

- Files are intended to be produced centrally by a (to-be-created) NTuple-Production group
 - Documented so that users can produce small test samples with any additions to the analysis module
- Final ntuple files will be stored in SAM so users can easily access
 - Metadata will include version info