

2nov_VRVS_notes

Notes from the GSI preparation discussion

Mostly discussed the run plan available at the GSI operations page.

Suggestions were incorporated in the list of requested runs:

- explicit angle scan (Leon)
- explicit CAL calibration runs on tower 1 w/o TKR (Sasha)
- charge injection with beam on (Sasha for CAL, Leon for TKR)
- CAL should read with ZS and not NZS (Eric)
- extension of TOT range (nicola, robert)

Suggestions and comments:

- Xe energy loss in the CAL: Eric and Benoit suggest the range goes to about 1/2 layer; energy loss in air should be estimated
- ACD tiles location: discussed moving a tile on top of tower 3 so that both towers have an ACD tile for CNO triggering on top; Eric provided a counterargument saying that we don't want to produce secondary ions in interaction with the tile for both towers, at least we want to keep one tower with the cleanest possible events
- Mini-CAL for afterglow measurement: Benoit offered to bring the mini-CAL and the analog readout + a scope to directly measure a possible afterglow component in the signal; Luca will need to schedule this measurement in the plan with low priority

Action items:

- send data collected with multiple trigger engines to SLAC (Luca)
- provide details of external trigger provided by GSI (Luca)
- provide flight path length of ions in air (Luca)
- verify if Bari TOT digitization algorithm can follow signals > 5MIP (Bari)
- coordinate generation of some reference MC data to play with before the test (Luca, Francesco)