

CaFe Meeting

2/22/2022

To-do list

- Is CaFe optimization kinematics final ? Will need to review before finalizing.
- measure $H(e, e'p)$ normalization
 - check if MF kinematics covers $H(e, e'p)$
 - delta scan by rotating SHMS (keep momentum fixed, **SHOULD**)
- Optics checks
 - optics for SHMS 8.55 exist already (but need to be checked) with multi-foil carbon target, sieve inserted (**MUST**)
- Target boiling studies (for deuterium, 2 data points, low current and current we will be running at) can be done with MF d2.
- BCM calibrations (**MUST**)
- Detector calibrations: Hodoscopes, DC, calorimeter (singles + coin) (typically $\sim 1M$) , (**MUST**) should runs be taken on de-focused tune?
- Trigger configurations: select which trigger to use on which arm SHMS (el-real, el-clean ?), HMS (3/4 hodo) (**MUST**)
- Monitoring scripts, important monitoring plots to check MF, SRC (**MUST**)
- beam-time estimates for detector calibrations, optics, $H(e, e'p)$, boiling studies (have estimates by Thursday)