



Kaon LT Status Update

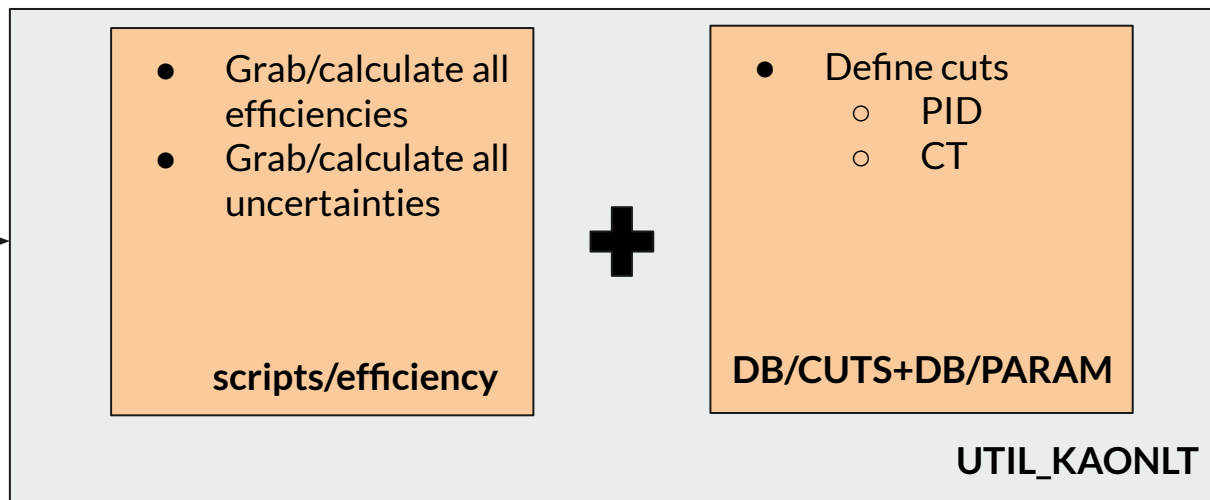
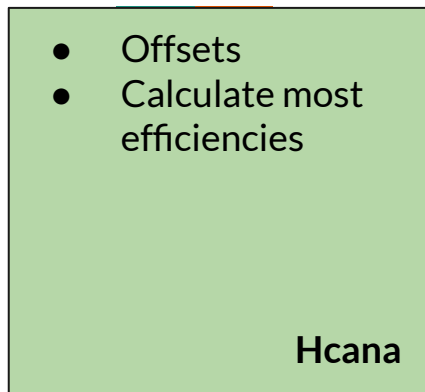
January 26th, 2023

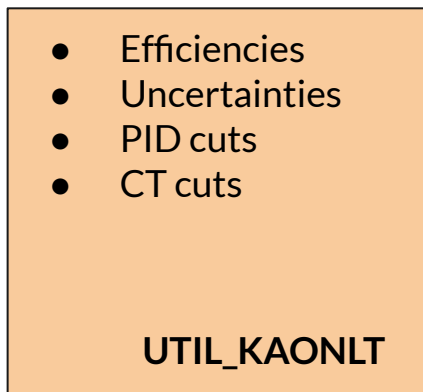
Richard Trotta

1

[https://github.com/JeffersonLab/hallc_replay_It/tree/LTsep Analysis 2022](https://github.com/JeffersonLab/hallc_replay_It/tree/LTsep_Analysis_2022)

[https://github.com/JeffersonLab/UTIL_KAONLT/tree/spring 2022](https://github.com/JeffersonLab/UTIL_KAONLT/tree/spring_2022)





- Apply PID cuts
- Apply CT cuts
- **Merges runs for each phi setting

Prod/Analysed_Prod.py

- Calculate effective charge per run

findEffectiveCharge.py

- Apply diamond cuts
- t-binning
- Generate plots for each phi setting

Prod/find_tBinRange.py

- Create inputs for LT_analysis framework

Prod/createPhysicsList.py

LTsep+LT_analysis/scripts/

