

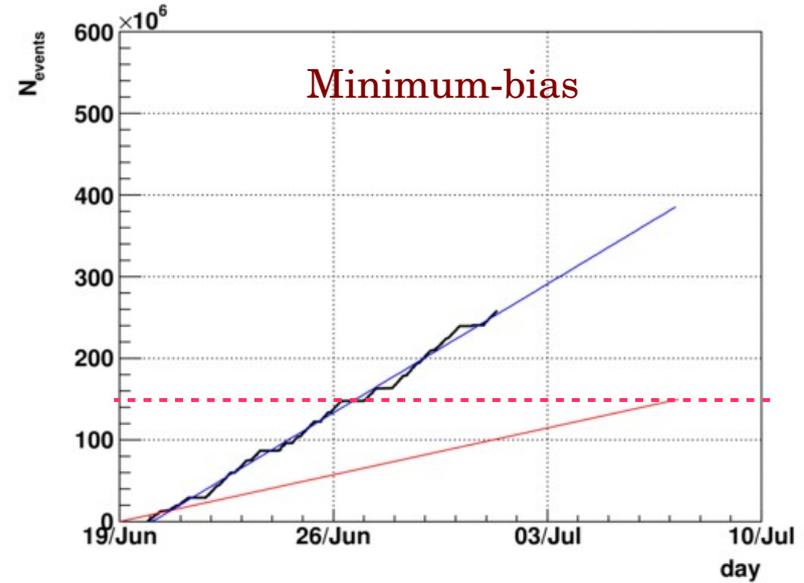
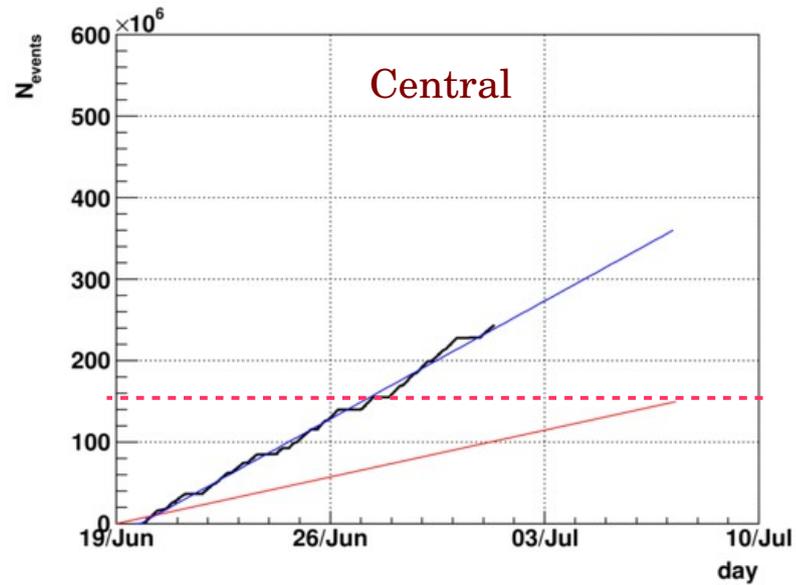
STAR report Time Meeting



Mustafa Mustafa
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$^3\text{He}+\text{Au}$ data collection:



- We collected more than our targets for both central and minimum-bias triggers.

Special runs and datasets before end of run:

- Beam mis-steering at STAR for lower luminosity. Two low luminosity stores will give us data that require minimal to no calibrations for faster analysis.
- 3 hours of Fixed Target tests.
- 3 hours of data taking for Heavy Flavor Tracker tests.

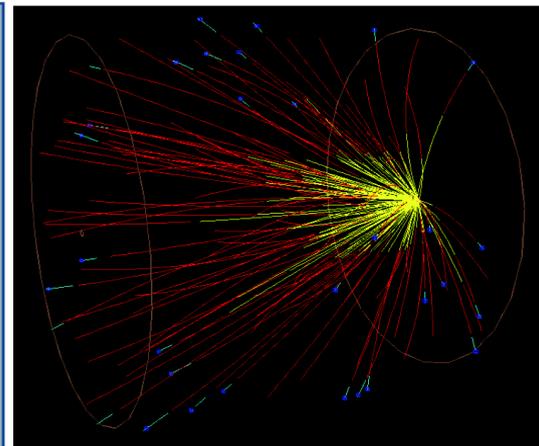
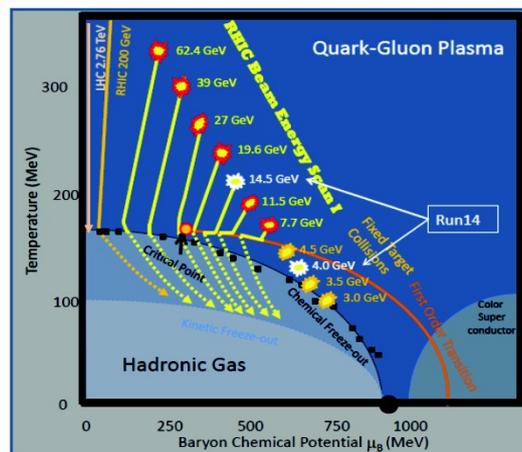
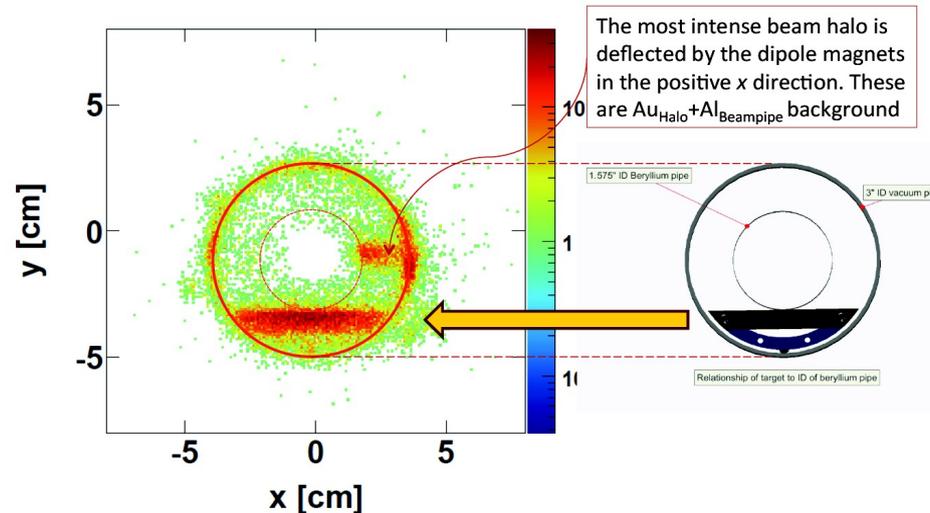
Fixed Target physics program:

The key observables to study are:

- Pions and protons spectra.
- Directed flow (v_1).
- Elliptic flow (v_2).
- Two-pions HBT.

at center-of-mass energies of 3-4.5 GeV.

These observables will extend the BES physics down to lower energies. They are also to be compared with published results from AGS, E866/E917, E877 and E895 experiments.



Fixed Target tests:

Request:

- Au in Yellow ring at injection energy (9.8GeV) and orbit (5mm vertical drop).
- The goal is to get 50k Au+Au fixed target events.