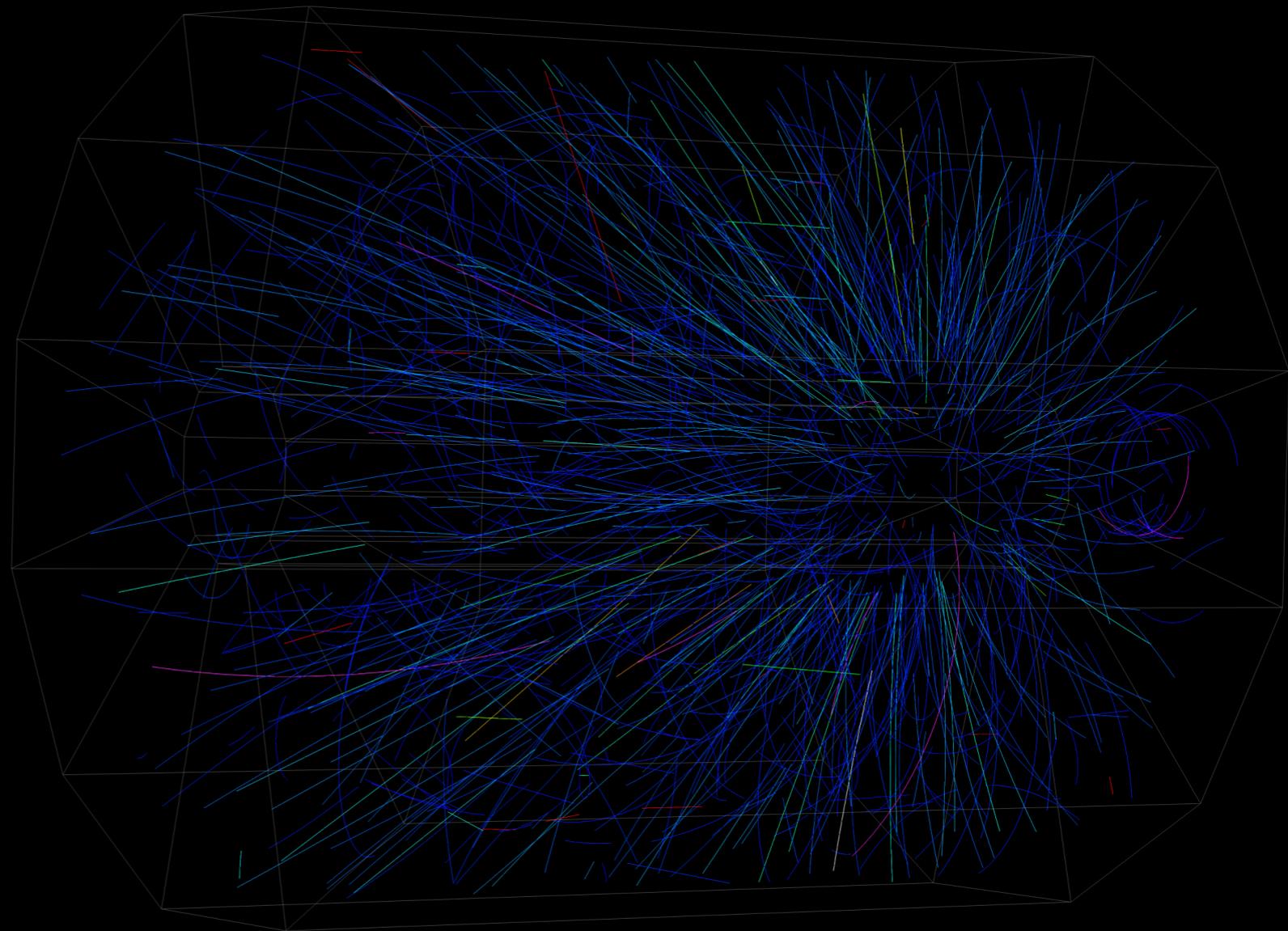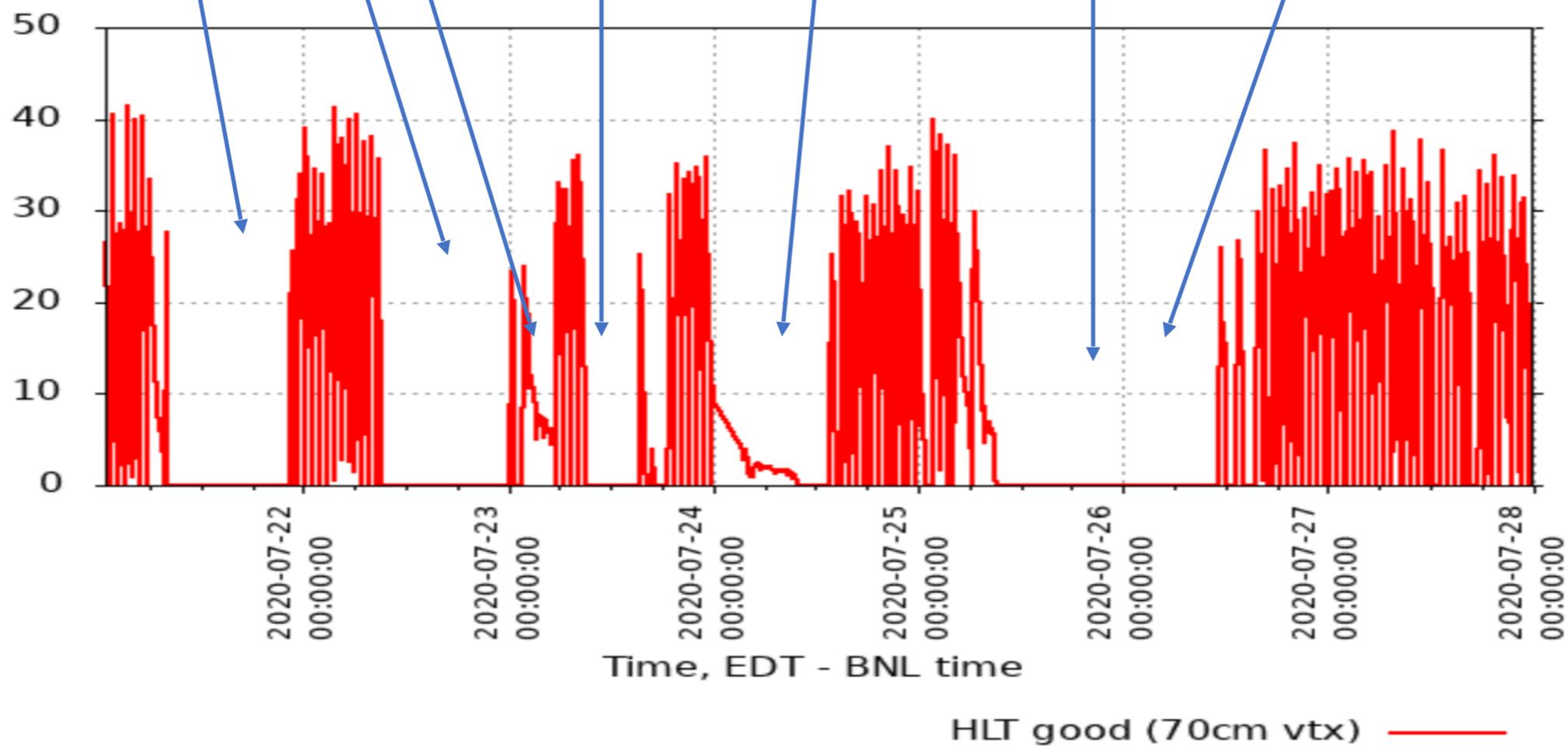# STAR Status Update

Sooraj Radhakrishnan

July 28, 2020

AuAu 9.2 GeV Collisions Last Week
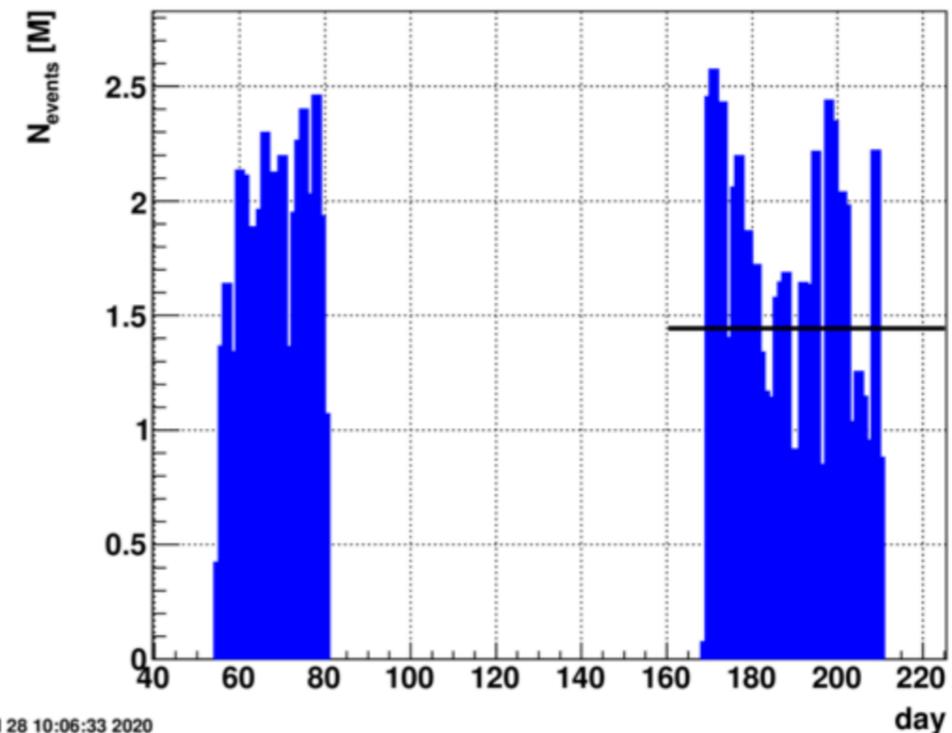
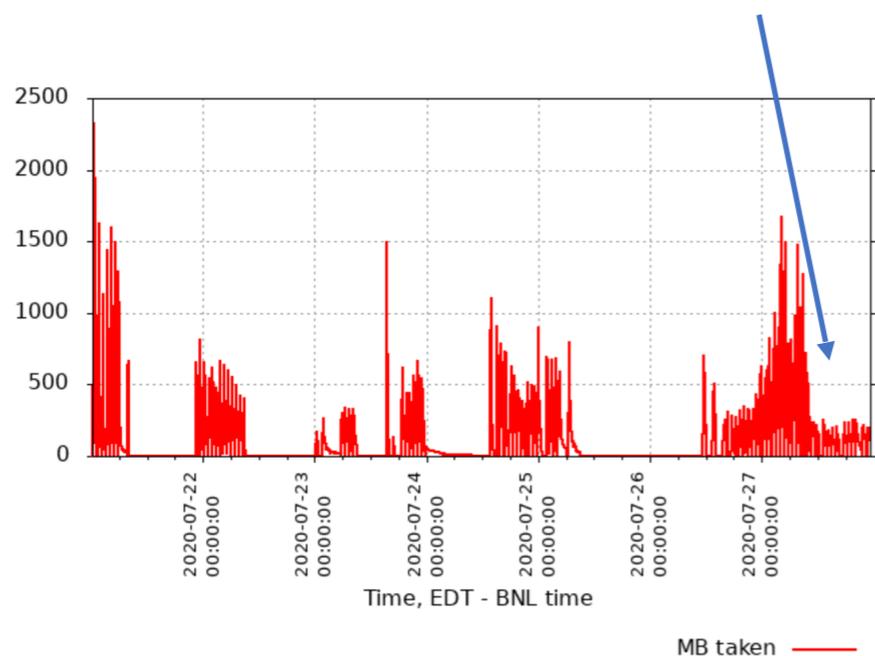|	July 21 - Tu	July 22 - W	July 23 - Th	July 24 - F	July 25 - Sa	July 26 - Su	July 27 - M	Avg.
Events	0.82M	1.04M	1.26 M	1.15M	0.59M	0.96M	2.22M	1.15M
Hours	6.7	7.2	12.2	14.8 (5 hr extended store)	5.6	7.6	16.9	10.1
Issues	Maintainence , RHIC issues	CeC, EBIS issue	CeC, RHIC issues	F3 kicker issue	Power dip	Power dip		

2

AuAu 9.2 GeV Collisions

- Last three weeks:
  - 1.45M events per day
  - 12.5 hours per day;
  - HLT good rate is ~ 33 Hz;

- Last week:
  - 1.15M events per day
  - 10.1 hours per day;
  - Avg HLT good rate is ~34.3 Hz;
  - Lower background rates last few days
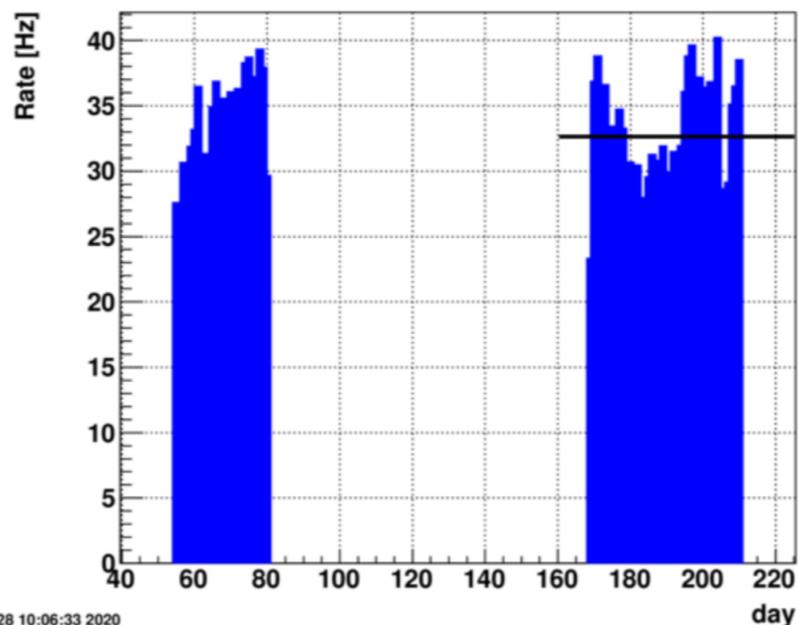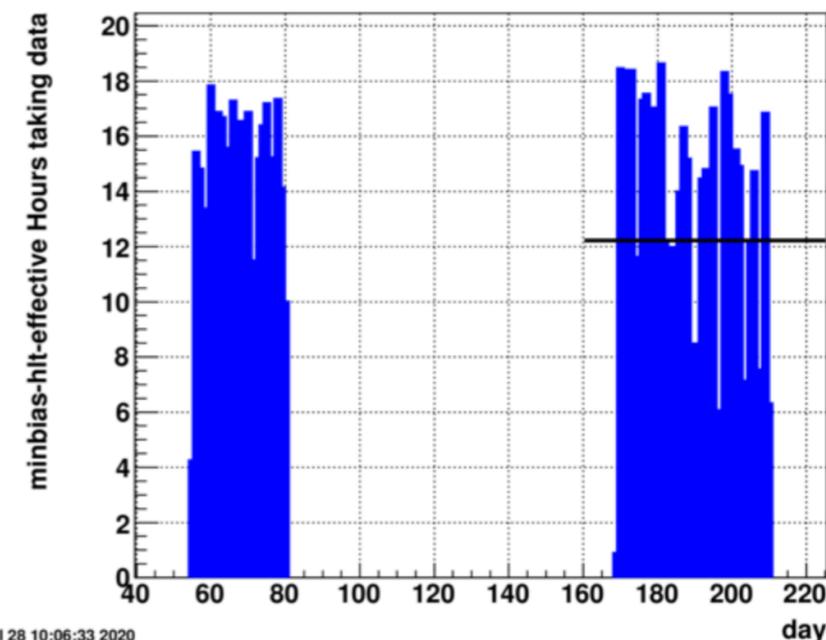

minbias-hlt-effective N$_{events}$

MB taken

minbias-hlt-effective Average Rate [Hz]

hours_perday_mb_hlt-effective.txt

AuAu 9.2 GeV Collisions

- 9.2 GeV Collisions is progressing well;

- 105.7M accumulated for 9.2 GeV Collisions;

- 54.3M more events to target. 1.5M avg per day = 36 days more

- The projection indicates that we'd reach the data set goal by the end of August/first week of September (ignoring interruptions from CeC, LEReC ...).

minbias-hlt-effective

Tue Jul 28 11:02:17 2020