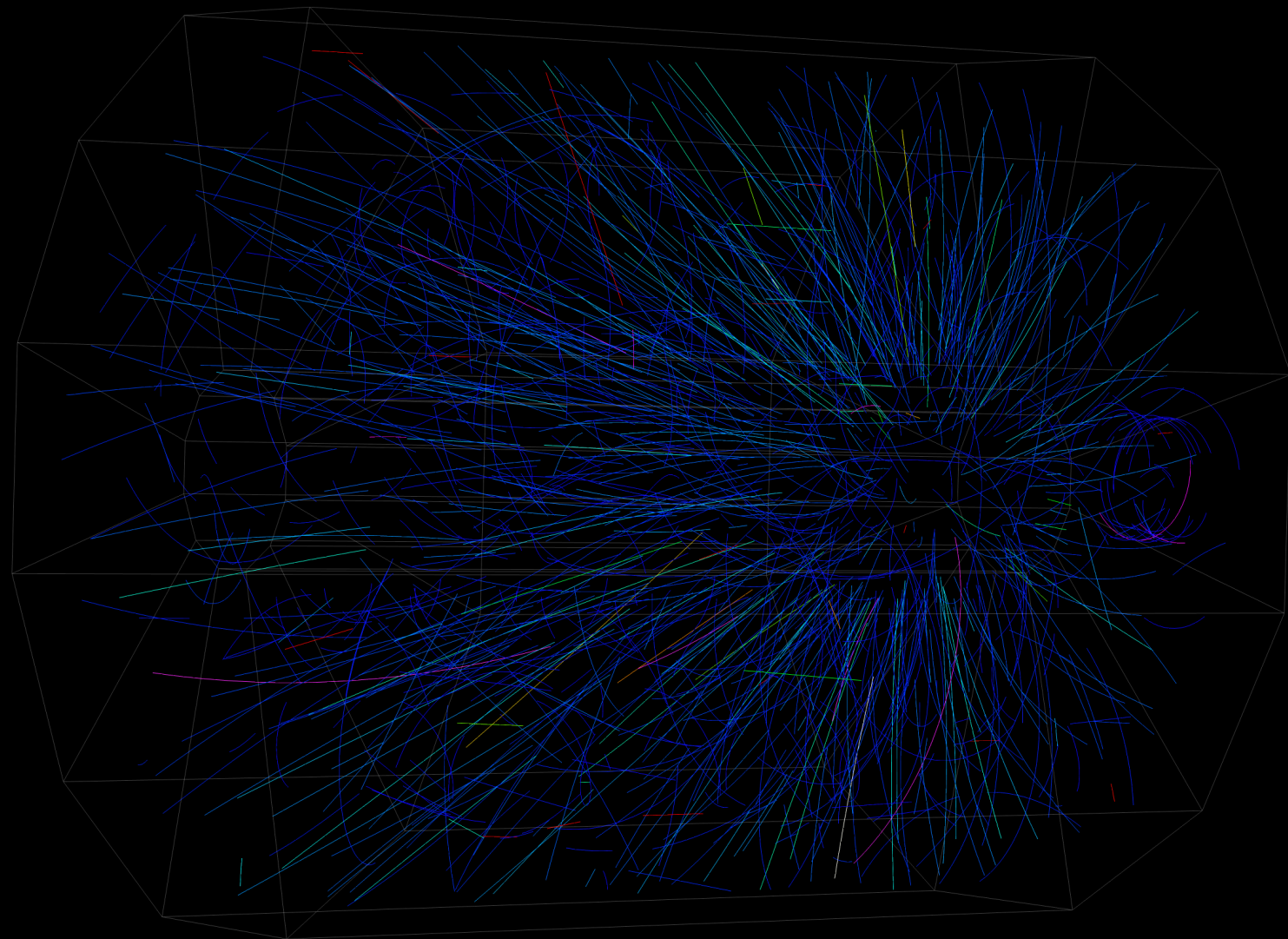
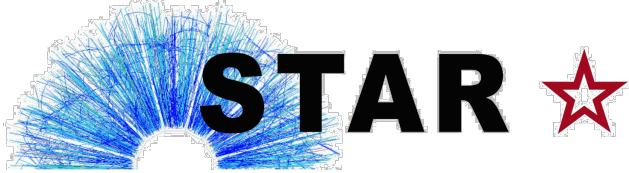


STAR Status Update

Ting Lin

July 14, 2020





Update the algorithm for the length of run:

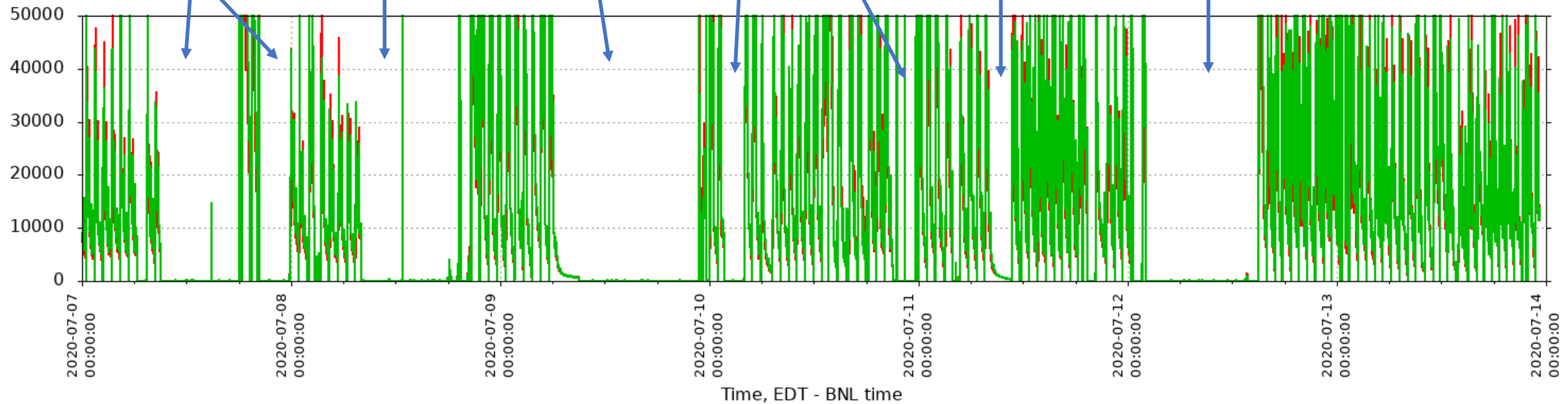
- Old:
 - The start and end of the whole run, including the time before we take the triggered events;
- New:
 - The start and end of the triggered events in the run;

Only affect the average length and average rate shown before;

- No effect on the number of events collected;
- Will discuss in RHIC coordination meeting with details.

AuAu 9.2 GeV Collisions Last Week

	July 07	July 08	July 09	July 10	July 11	July 12	July 13	Avg.
Events	0.79M	0.92M	0.56M	1.64M	1.64M	0.91M	2.22M	1.24M
Hours	6.84	8.52	5.27	14.49	14.84	7.87	17.06	10.7
Issues	CeC dedicated time and injection issue	Maintenance day	CeC dedicated time	Fire & ODH alarm in 1008; Power dip	Injector problem, so have long store	y09-qd7 power supply issue		

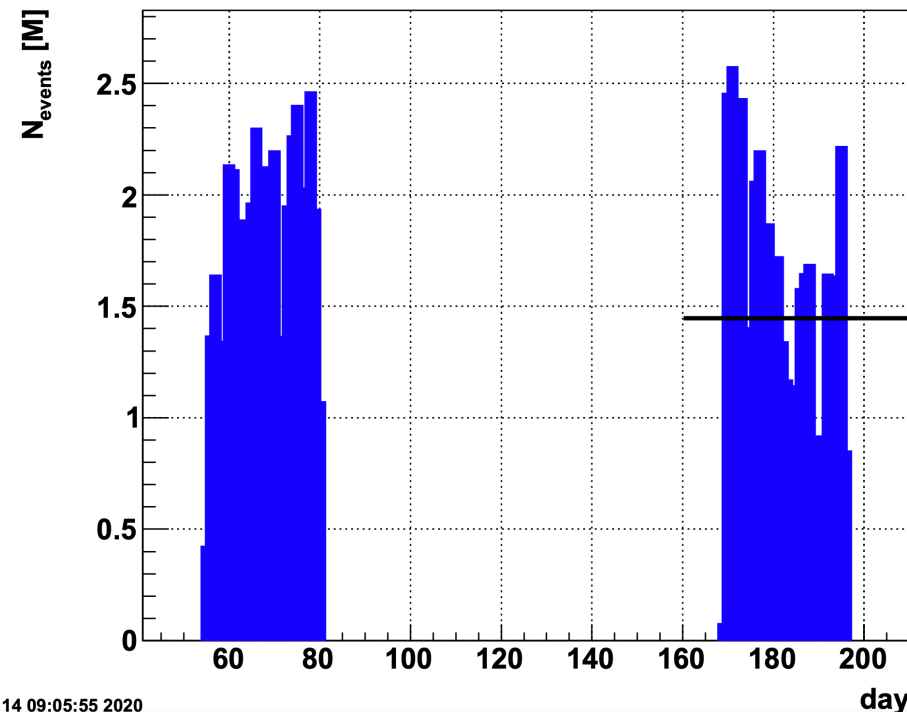




AuAu 9.2 GeV Collisions

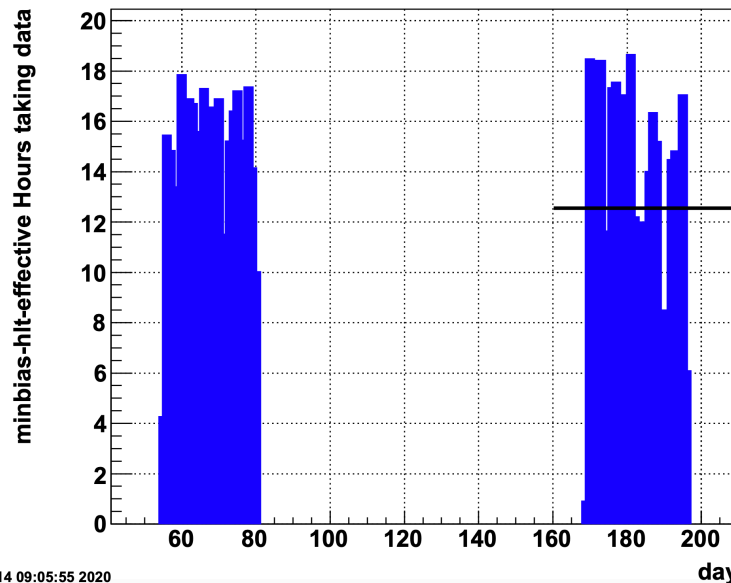
- Last week:
 - 1.24M events per day
 - 10.7hours per day;
 - HLT good rate is ~32Hz;
- Last four weeks:
 - 1.47M events per day
 - 12.8hours per day;
 - HLT good rate is ~32 Hz.
- Highest HLT rate today (39Hz);

minbias-hlt-effective N_{events}



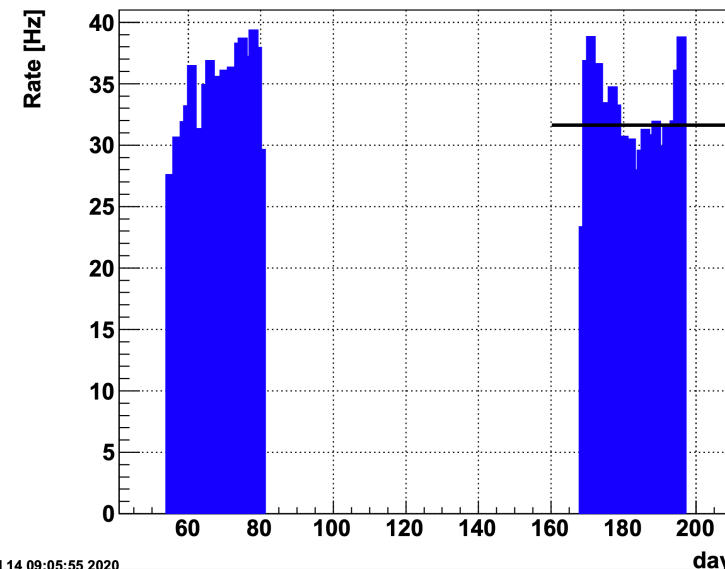
Tue Jul 14 09:05:55 2020

hours_perday_mb_hlt-effective.txt

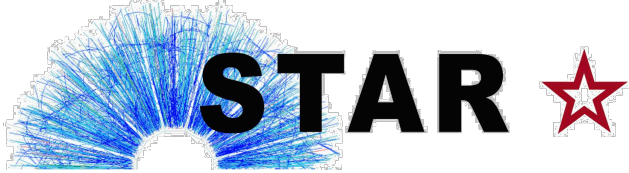


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minbias-hlt-effective Average Rate [Hz]

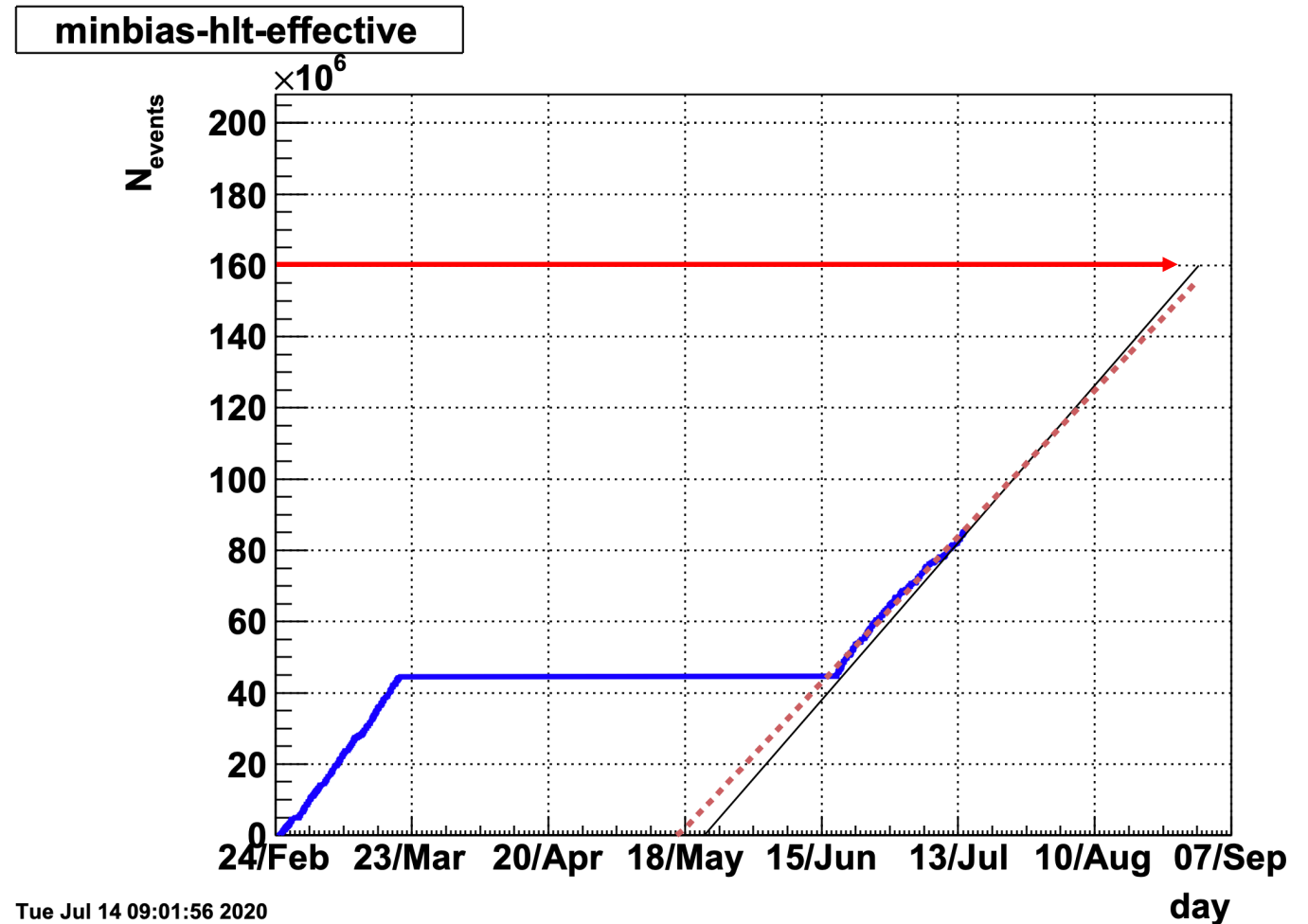


Tue Jul 14 09:05:55 2020



AuAu 9.2 GeV Collisions

- 9.2 GeV Collisions is progressing well;
- 85.5M accumulated for 9.2 GeV Collisions;
- The projection shows that we'd reach the data set goal by early September (ignoring the interruptions from CeC, LEReC...).



Tue Jul 14 09:01:56 2020