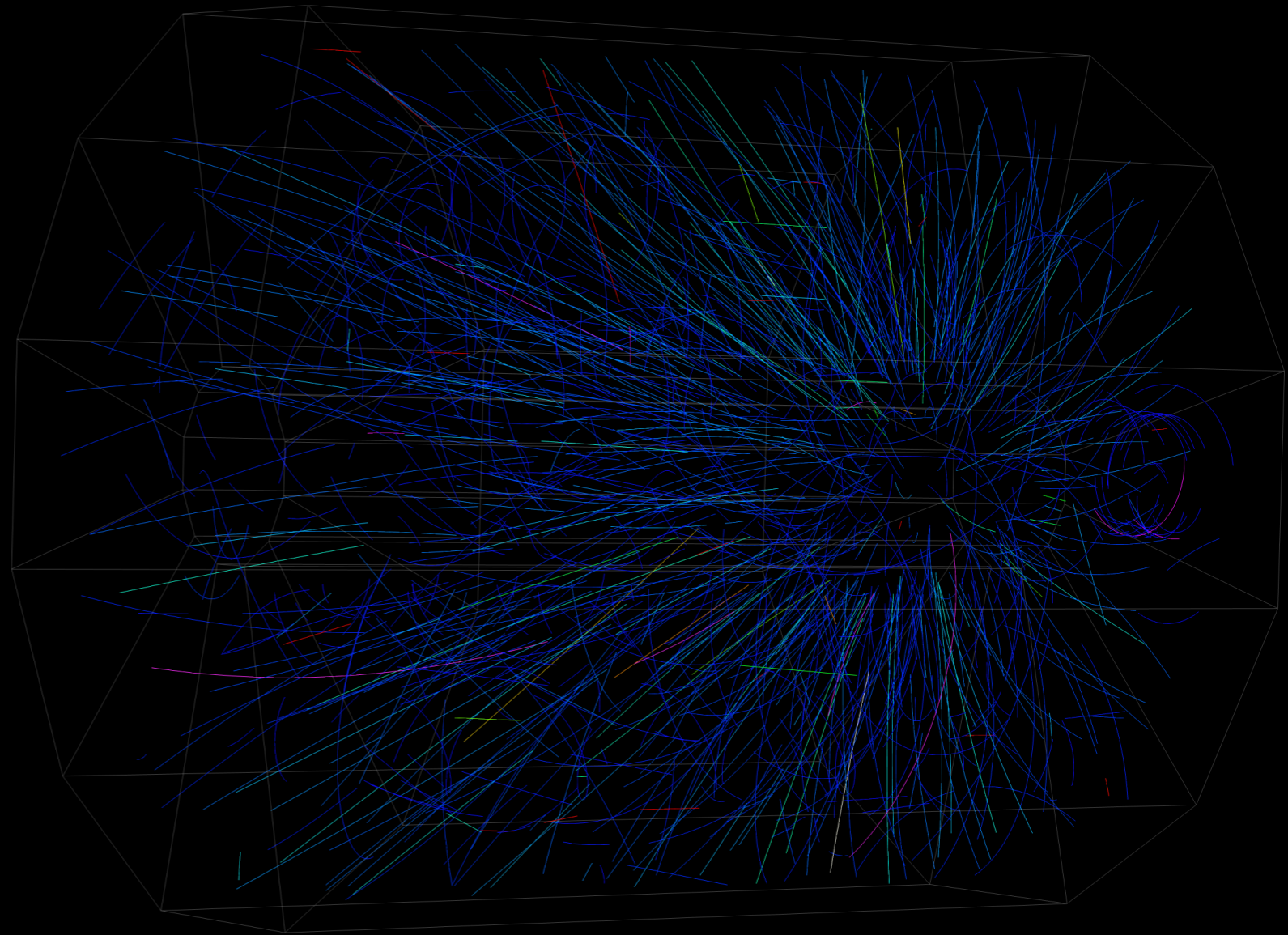


STAR Status Update

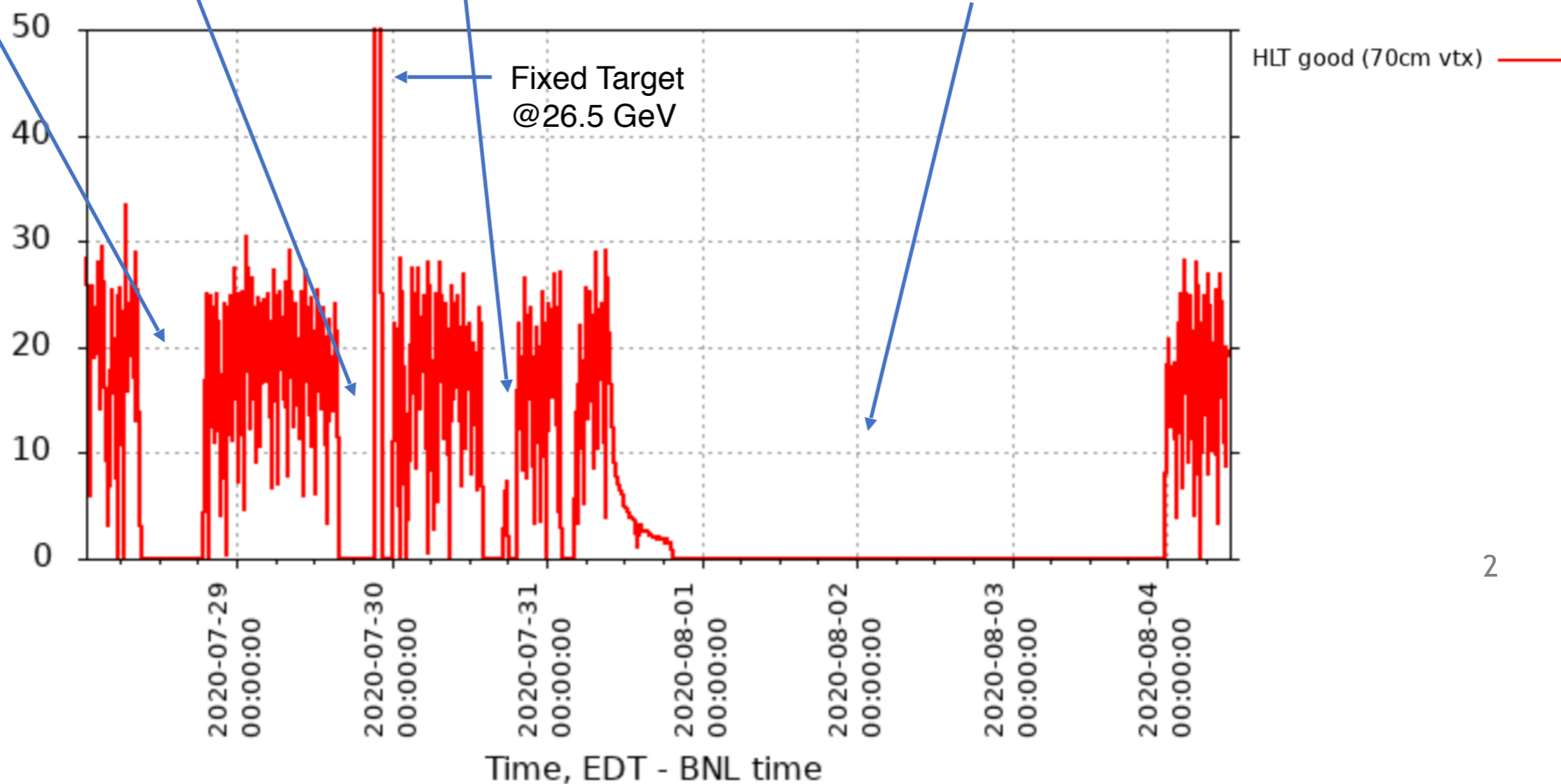
Sooraj Radhakrishnan

August 04, 2020



AuAu 9.2 GeV Collisions Last Week

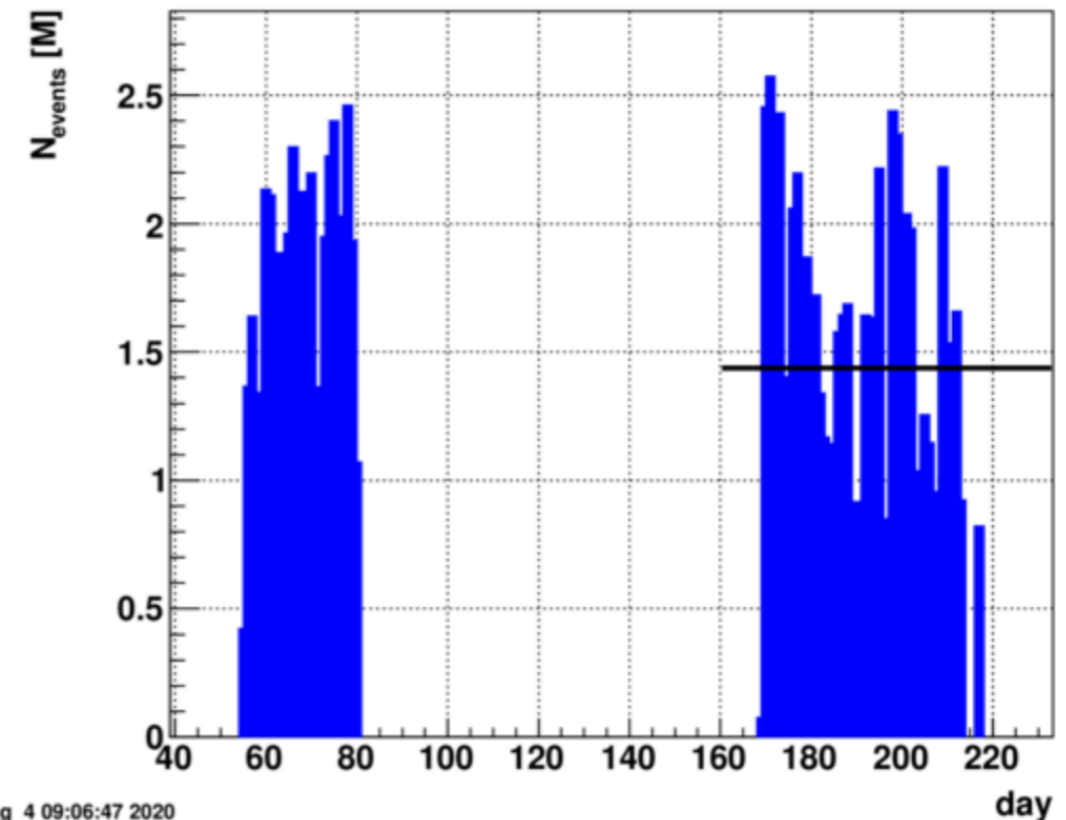
	July 28 - Tu	July 29 - W	July 30 - Th	July 31 - F	Aug 1 - Sa	Aug 2 - Su	Aug 3 - M	Avg.
<i>Events</i>	1.37M	1.54M	1.66 M	0.93M	0	0	0	0.76M
<i>Hours</i>	10.2	12.2	13.6	15 (10 hr extended store)	0	0	0	7.3
<i>Issues</i>	LEReC development	CeC	Thunderstorm	Booster main magnet failure	Booster main magnet failure	Booster main magnet failure	Booster main magnet failure	



AuAu 9.2 GeV Collisions

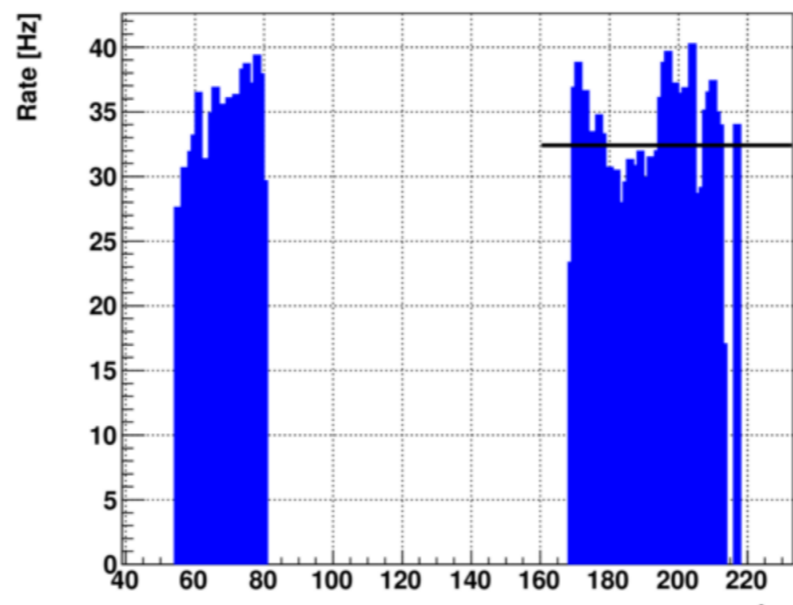
- Average since restart after Covid:
 - 1.4M events per day
 - 12.5 hours per day;
 - HLT good rate is ~ 33 Hz;
- Last week:
 - 0.76M events per day (1.38M excluding F,Sa,Su)
 - 7.3 hours per day (12.8 excluding F,Sa,Su);
- Fixed Target @26.5 GeV
 - Half an hour run during CeC
 - 2M HLTGood events
 - Good event rate ~1.3 kHz

minbias-hlt-effective N_{events}



Tue Aug 4 09:06:47 2020

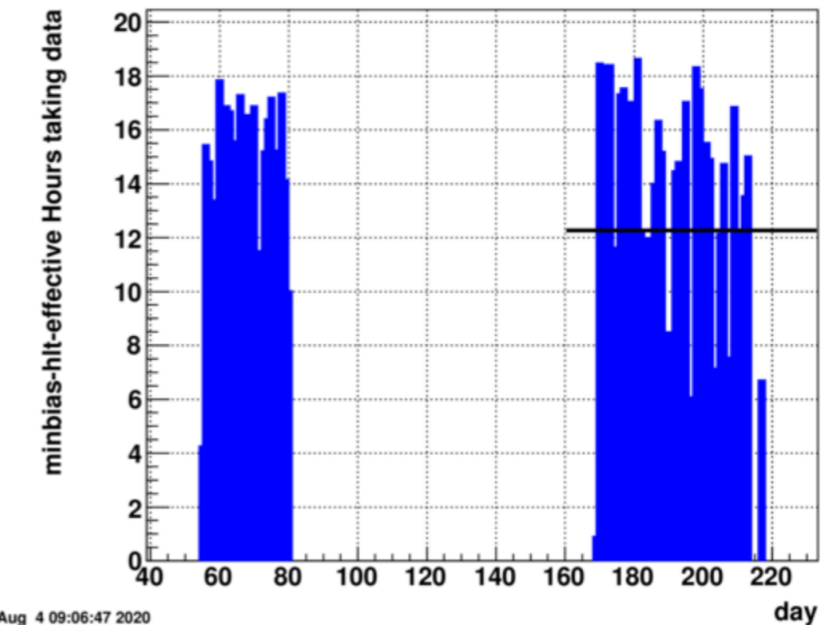
minbias-hlt-effective Average Rate [Hz]



Tue Aug 4 09:06:47 2020

[hours_perday_mb_hlt-effective.txt](#)

hours_perday_mb_hlt-effective.txt



day Tue Aug 4 09:06:47 2020

day

[nevents_perday_mb.txt](#)

AuAu 9.2 GeV Collisions

- 9.2 GeV Collisions is progressing well;
- 111.2M accumulated for 9.2 GeV Collisions;
- 48.8M more events to target. 1.4M avg per day = 35 days more
- The projection indicates that we'd reach the data set goal by the end of first/second week of September (ignoring interruptions from CeC, LEReC ...).

