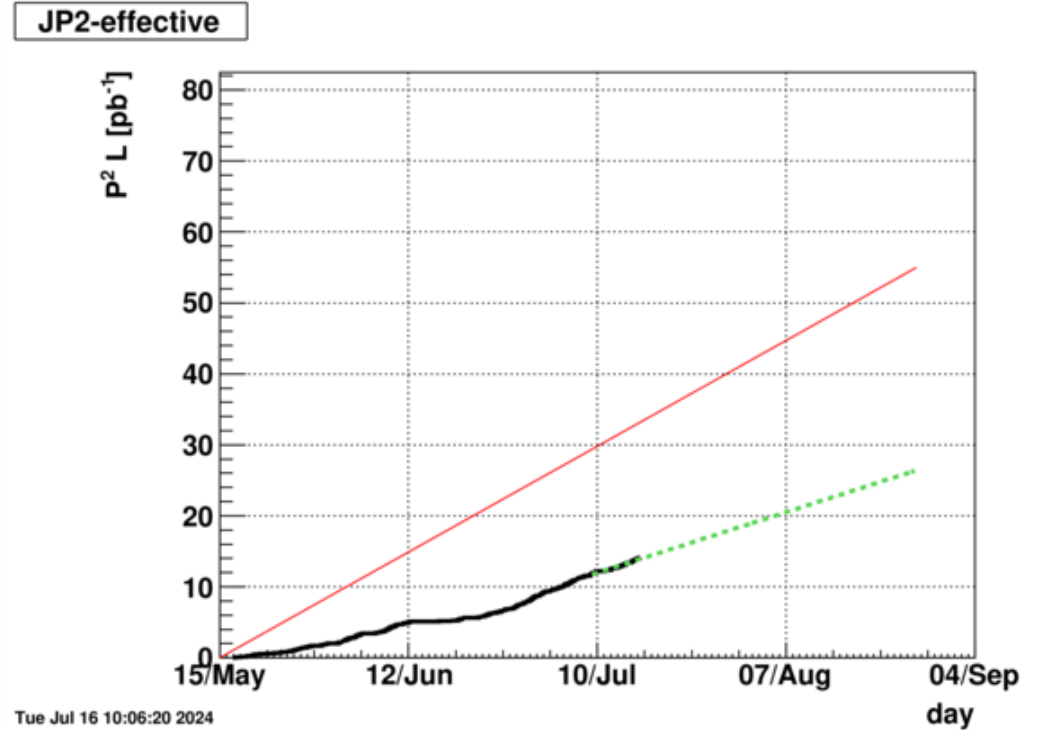
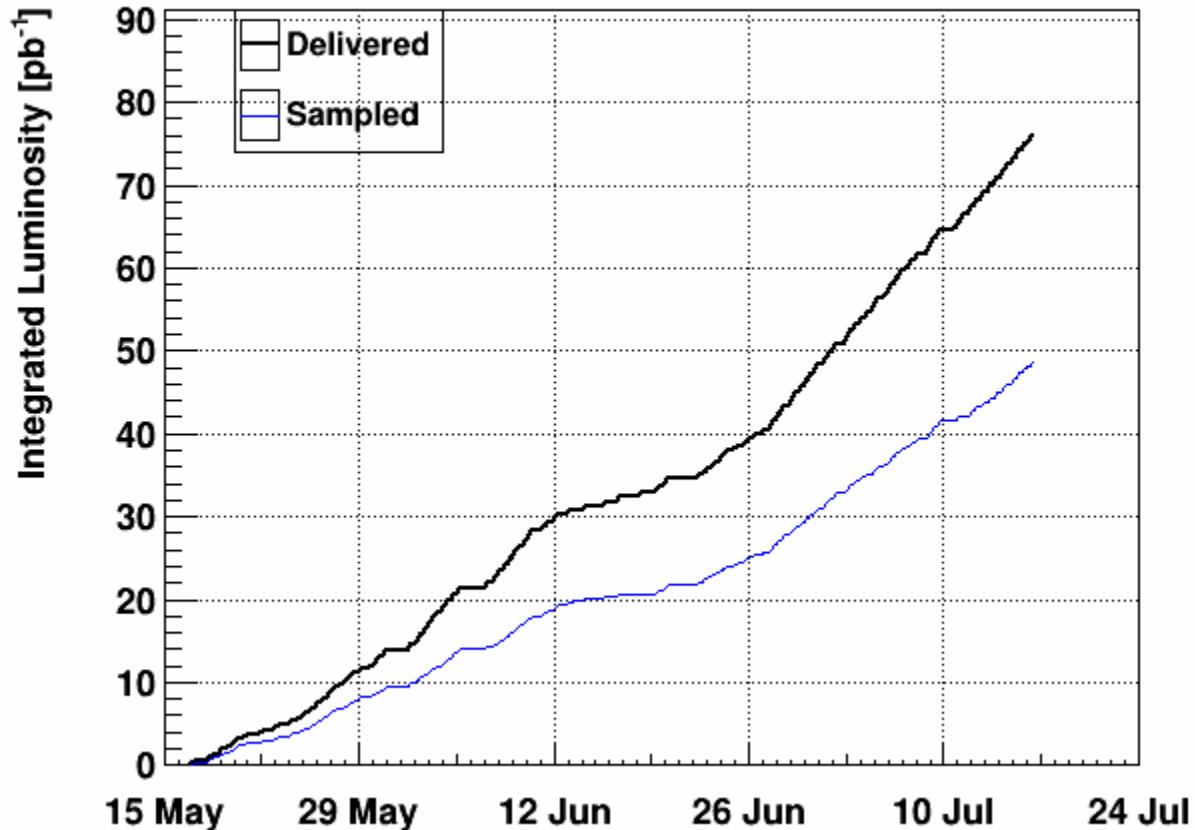
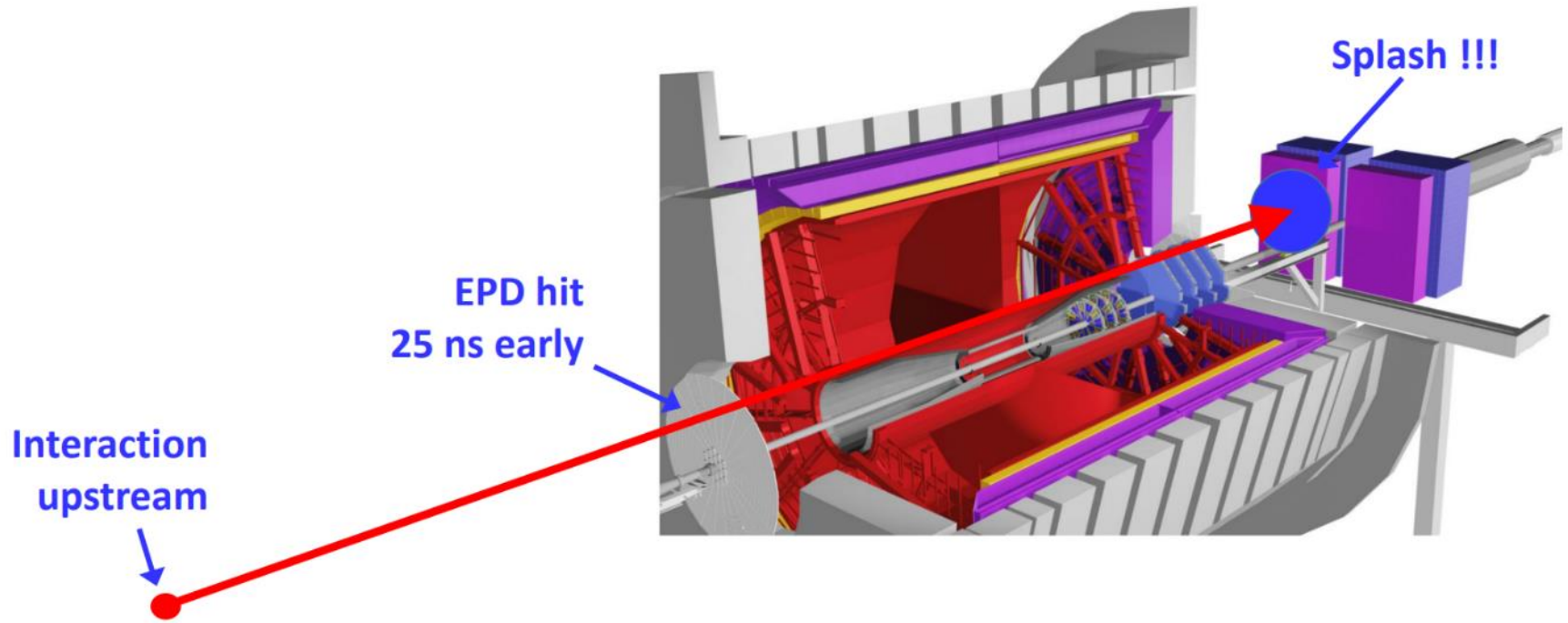


STAR Status – July 16, 2024



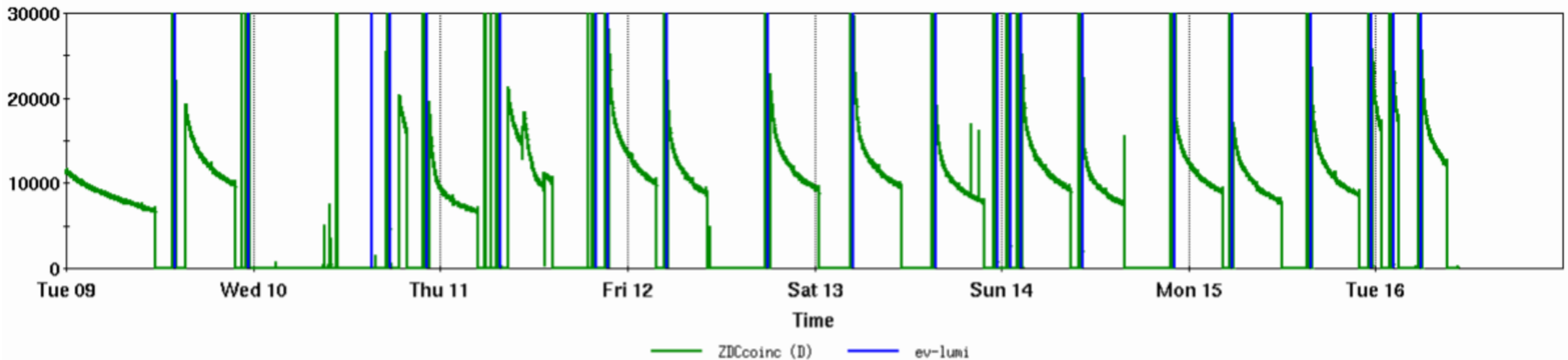
- Luminosity rate slightly down from last two weeks

| TRIGGER LABEL |
|--------------------|
| earlyEPDE-or-EPDW |
| TOF0 |
| Jpsi*HTTP |
| gmt |
| sendVertex |
| hlt100 |
| hlt-mb |
| zerobias |
| MB-BBC_prepost |
| VPD |
| VPD100 |
| BBC |
| ZDC |
| earlyEPDE |
| earlyEPDW |
| EHT0 |
| EHT0*L2EGamma |
| BHT3_bsm |
| BHT1*VPD100 |
| BHT2*BBCMB |
| BHT3*L2EGamma |
| JP1*TOF0 |
| JP2*TOF0 |
| JP1 |
| JP2 |
| JP2*TOF0-L2JetHigh |
| dimuon |
| upcJpsiSN_BBCveto |
| upcJpsiNS_BBCveto |
| fcsJpsiNoFpd |
| fcsJP2 |
| fcsDiJP |
| fcsJpsiSym |
| fcsJpsiAsy |
| fcsHad2 |
| fcsELE2 |
| fcsEM3 |
| fcsEHT-N |
| fcsEHT-S |
| fcsHHT-N |
| fcsHHT-S |
| fcsJPA1*EPDveto |
| fcsJPA0*EPDveto |
| fcsJPBC1*EPDveto |
| fcsJPBC0*EPDveto |
| fcsJPDE1*EPDveto |
| fcsJPDE0*EPDveto |
| fcsHad1*EPDveto |
| fcsHad0*EPDveto |
| fcsEM2 |
| fcsJP2*EPDveto |
| fcsHad2*EPDveto |

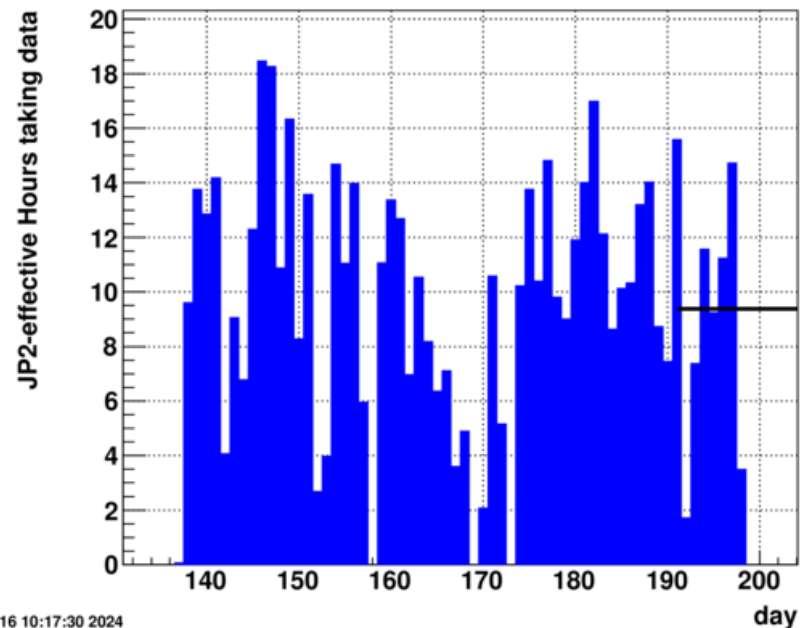


- Background events are as high as 25% early in the fill, 10% late in the fill
- This is using up valuable bandwidth
- TOF coincidence to reject background for midrapidity triggers (can introduce bias)
- Veto early hits in the EPD East to reduce background for forward triggers
- Monitor prescaled default triggers

magnet trip power dip

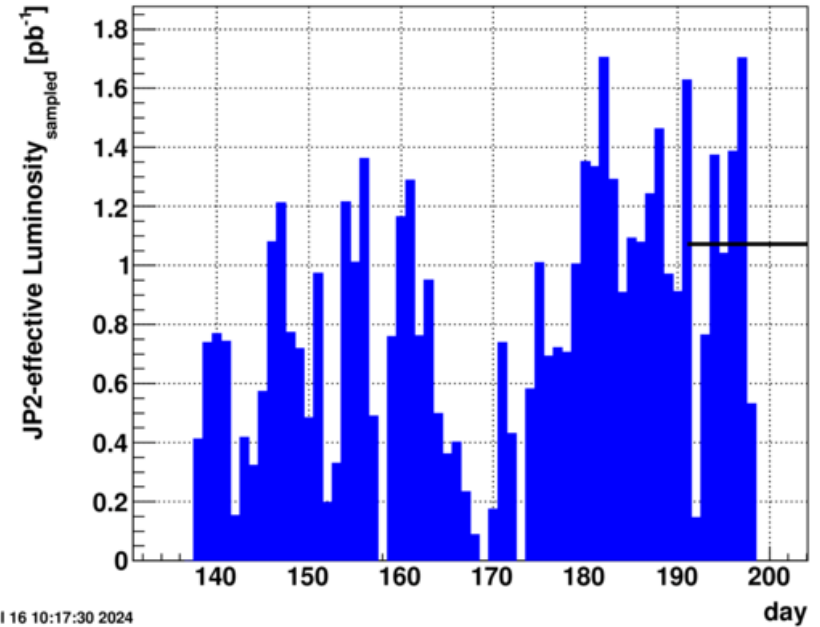


hours_perday.txt

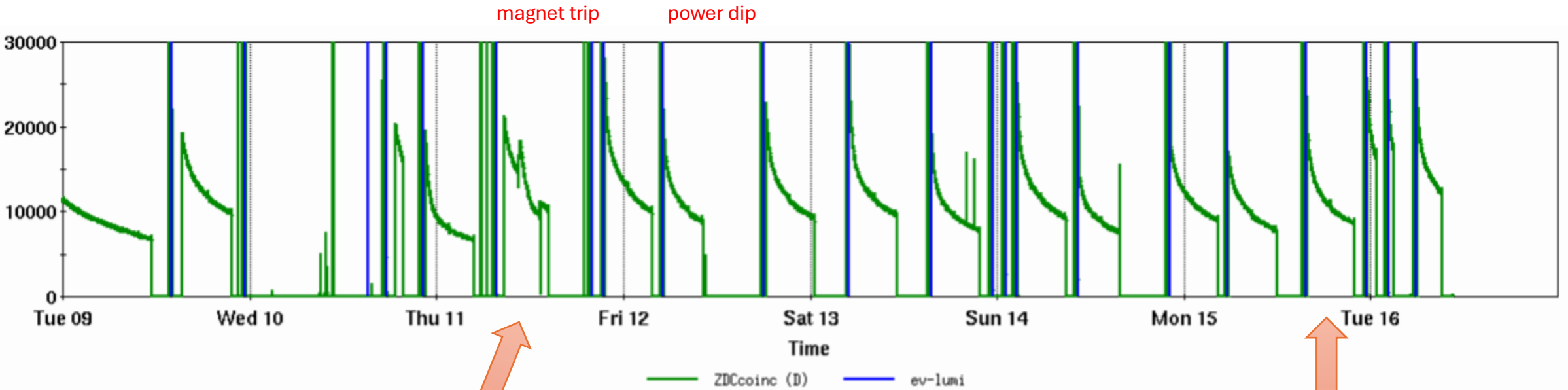


Tue Jul 16 10:17:30 2024

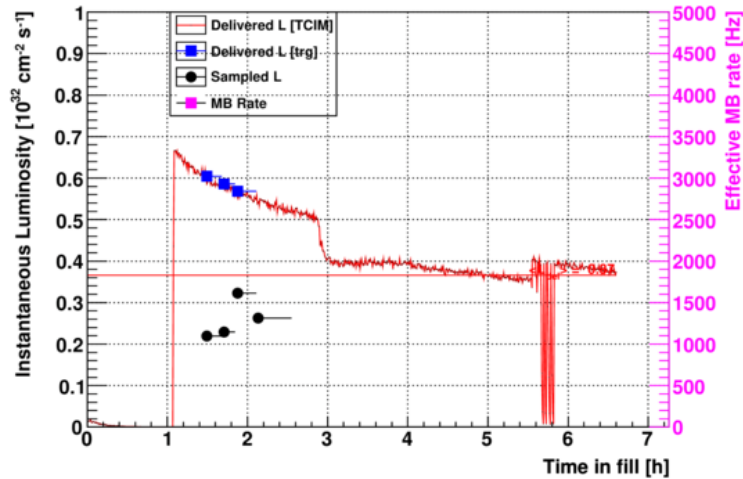
events_perday.txt



Tue Jul 16 10:17:30 2024

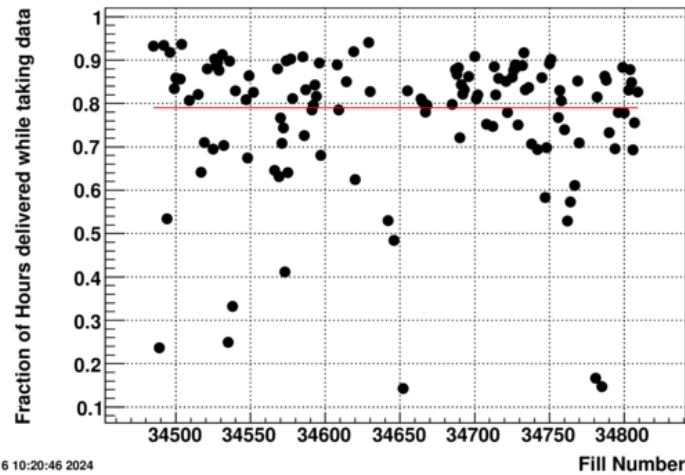


Fill 34785



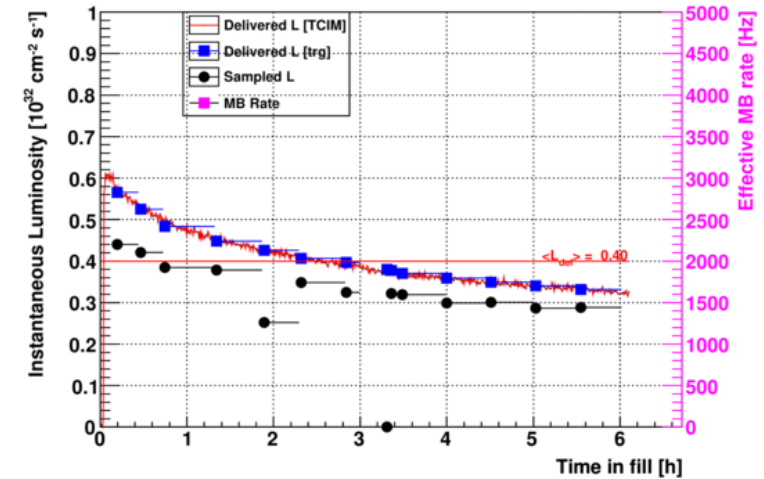
- Coincidentally, power supply for network switch in the IR died
- Scaler rate for Vernier scan probably not useful

Fraction of Hours delivered while taking data



Tue Jul 16 10:20:46 2024

Fill 34805



Next period coordinator: Yu Hu