

ILD MC Production

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ILD software group MCProd conveners

2022/03/09 Annual ILC-detector meeting

News

- Main part of 250 GeV mc-2020 mass production have been completed and now proceed to post productions.
- KEK IPNS has decided not to contribute ILD MC production.
- Miyamoto-san is leaving and Ono-san and RY are trying to cover Miyamoto-san's role.
 - RY is learning the ILD prod tools, but often interrupted by my main duties.
 - RY needs a CERN account to copy Miyamoto-san's gitlab repository and issue jira tickets (> Fujii-san/Daniel-san).

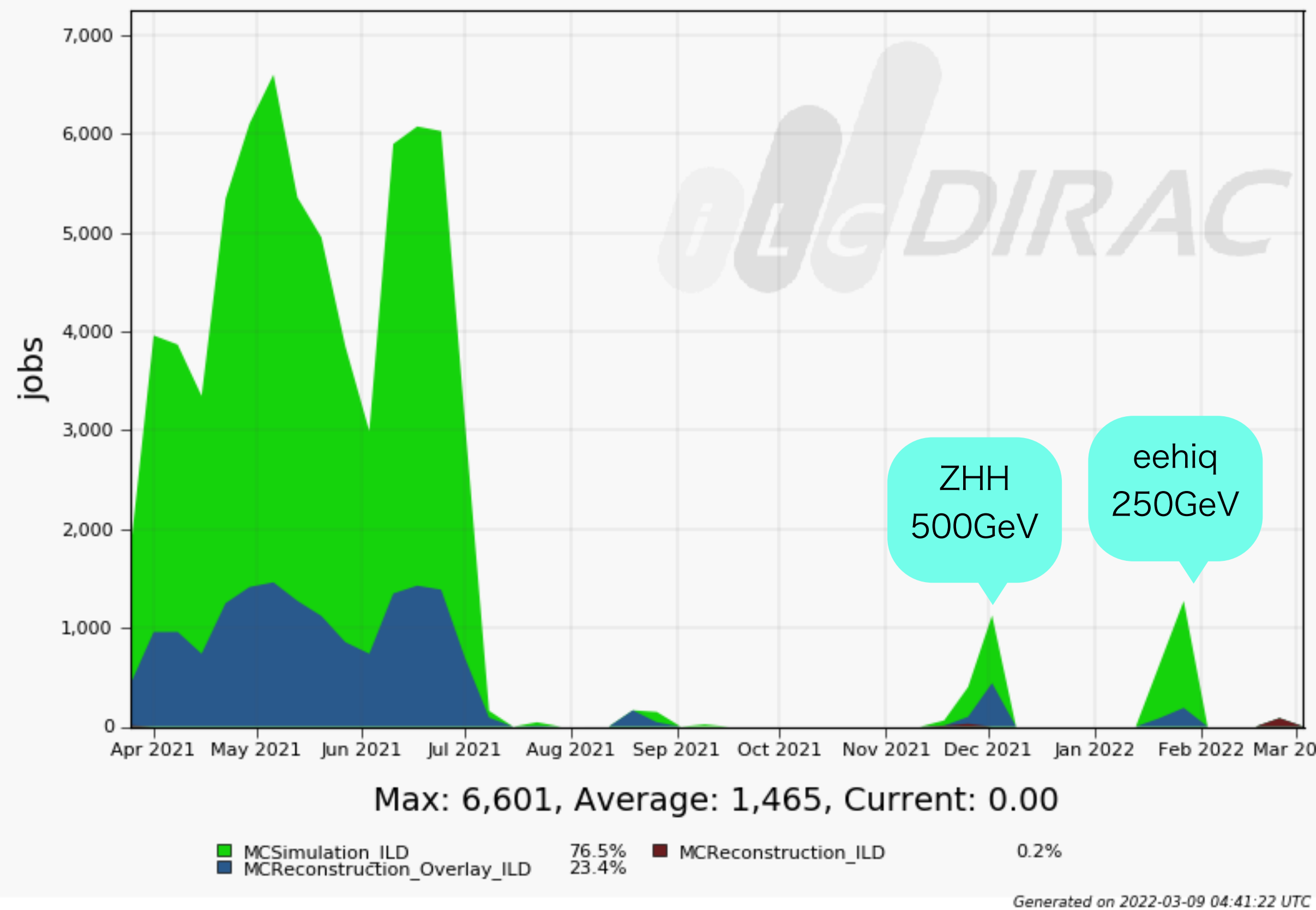
Production situation

of jobs, 2021 Apr. ~ now

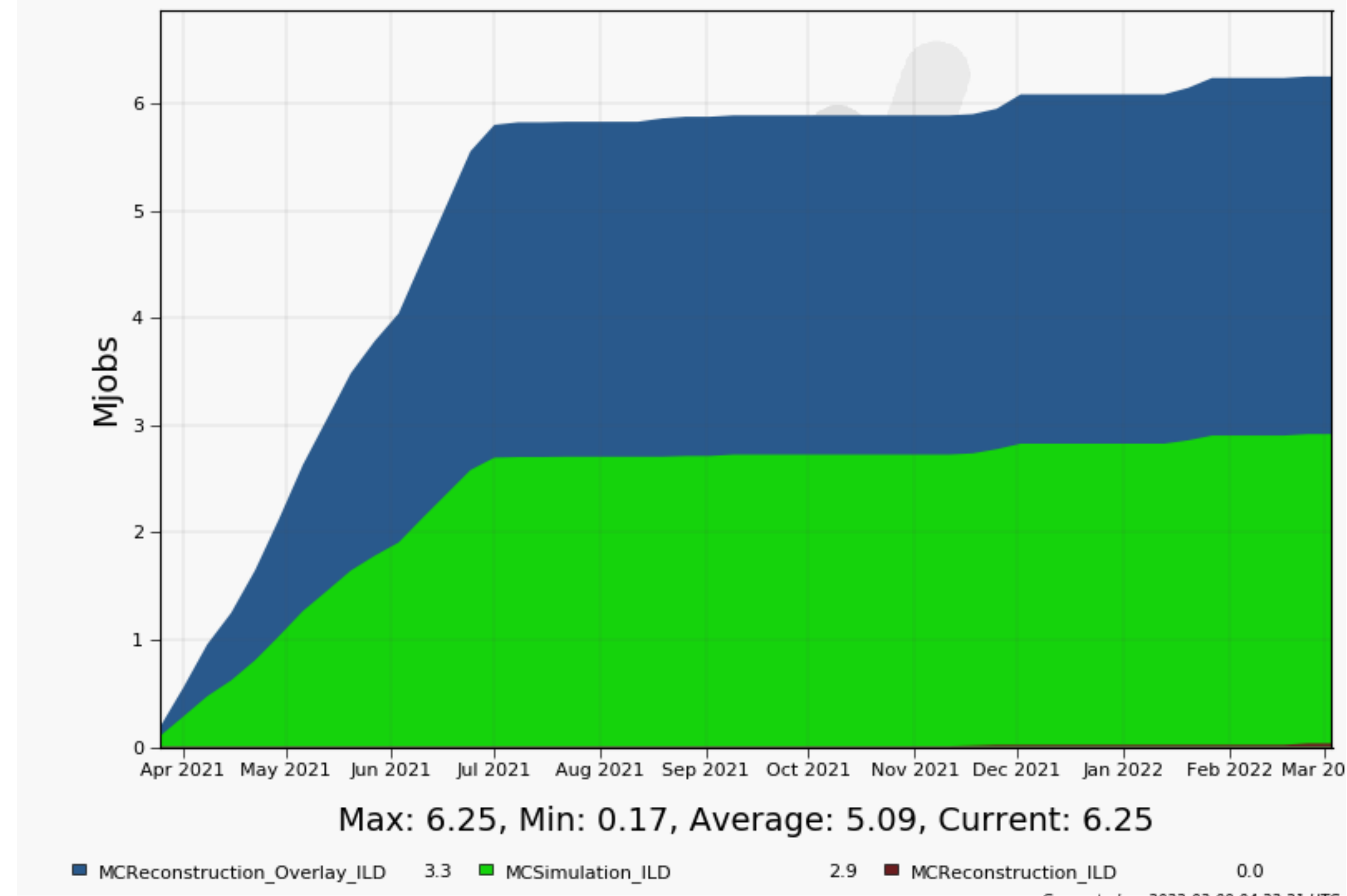
Instantaneous

Cumulative

Running jobs by JobType
49 Weeks from Week 12 of 2021 to Week 09 of 2022



Cumulative Jobs by JobType
49 Weeks from Week 12 of 2021 to Week 09 of 2022

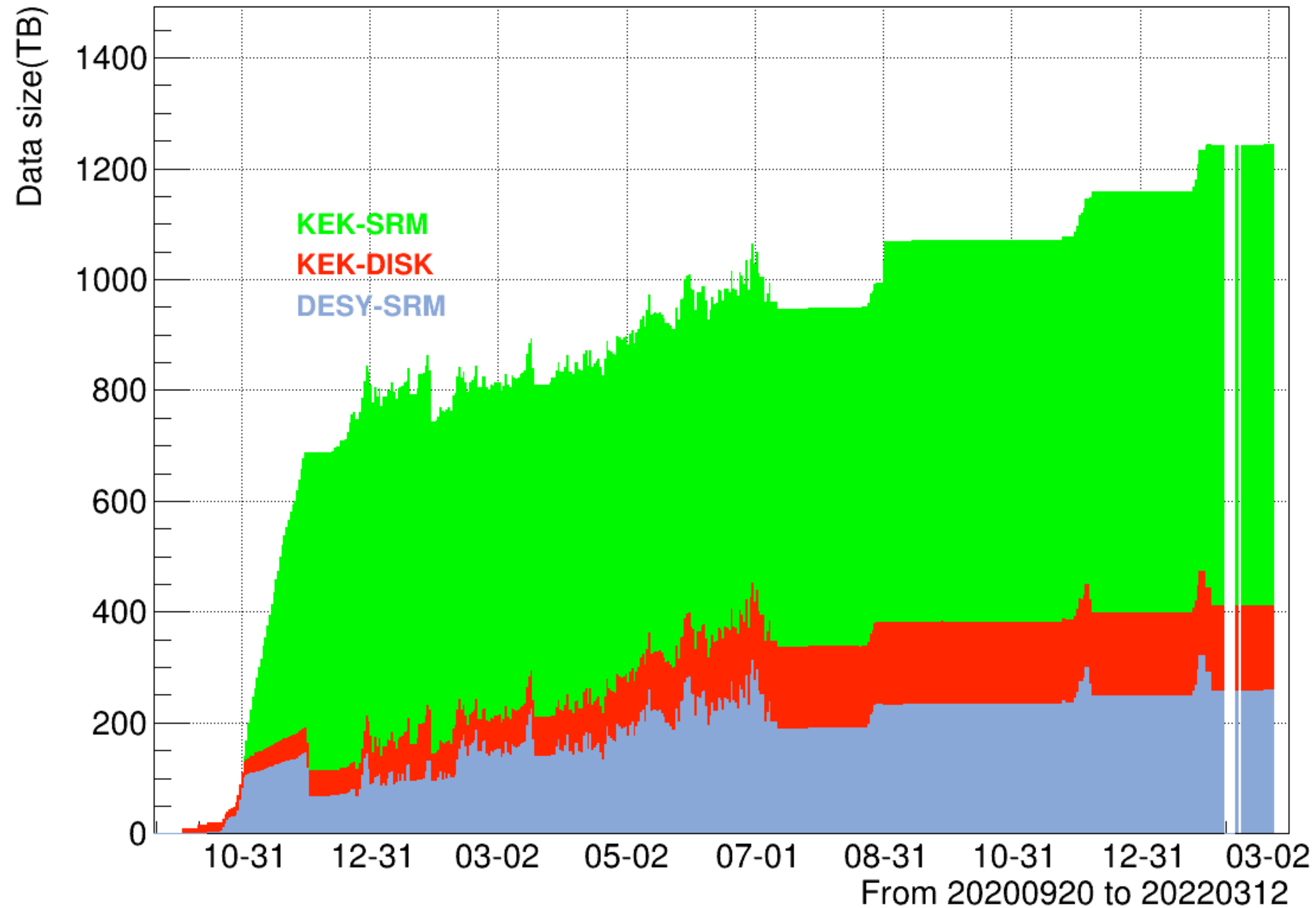


Current Status of Production Request

- 500 GeV llhh w/o BG, DESY, Done
- 250 GeV 2f_z_eehiq (10% Done, go beyond after confirmation)
- 250 GeV e γ (4f_sze_l, aa_2f_z_l, ae_3f_z_l, CPU/ disk space estimation is requested)
- 250 GeV e γ (Processes involved with virtual photons / eW.pW polarization : Generator samples are being prepared)
- 250 GeV ffH followed by H->ss (Generator sample are ready thanks to Junping)
- 500 GeV 2f_hadronic sample for flavour tagging (New generator samples required)
- 250 GeV 6f pending?

Disk space usage

size



KEK-SRM (Tape) :
usage : 69.59 % (1340TB/1925TB)

KEK-DISK :
usage : 51.25 % (154TB/300TB)

DESY-SRM (600TB-DISK + TAPE) :
DISK mc-2020 usage : 36% (216TB/600TB)

Next step

- Proceed MC production on the request queue
- Python3 based ILDProd tool has been prepared. Miyamoto-san is currently testing.
- Test with Python3 based iLCDirac client