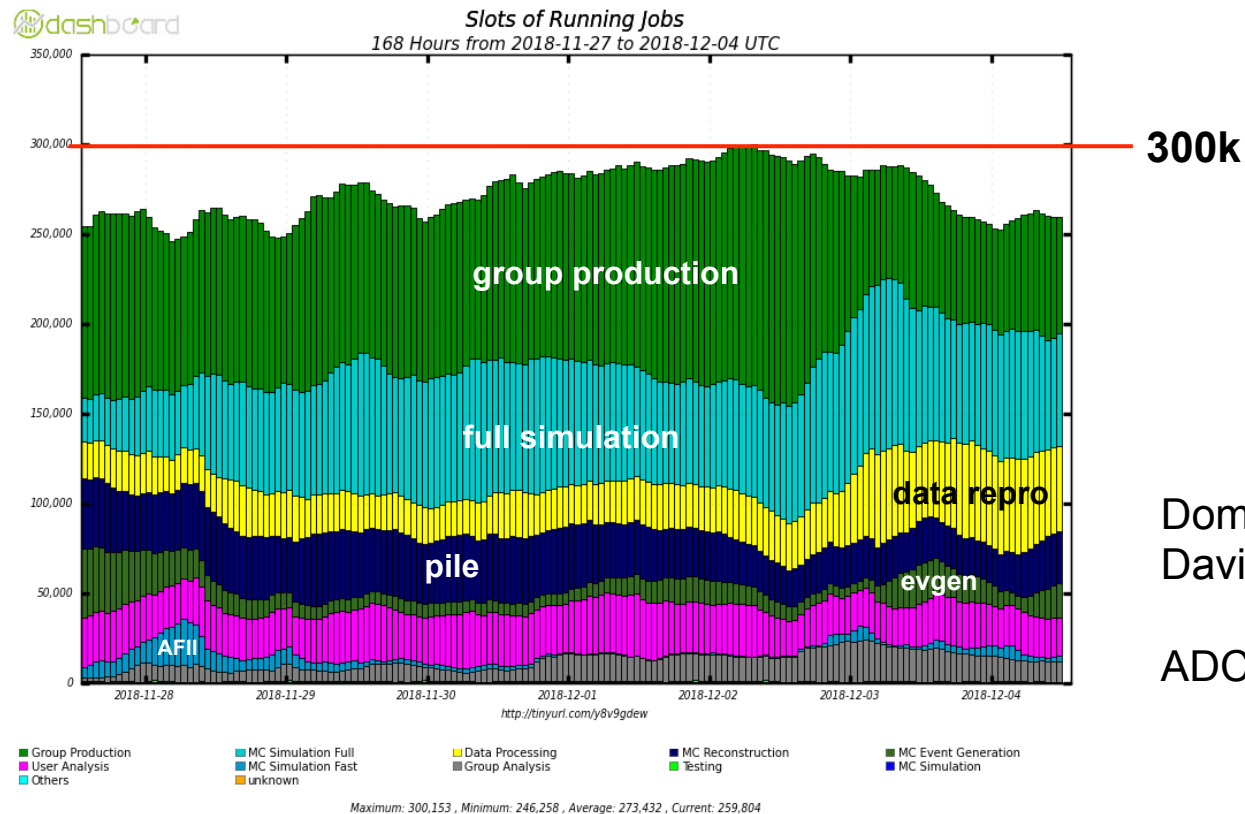# Monte Carlo Production

Active MC Requests
https://prodtask-dev.cern.ch/prodtask/request_table/#/?phys_group=NOVALI&type=MC&status=active

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ADC Weekly, December 4th 2018

MC Production Status

> The grid is very full, constant backlog of simulation of about 1.2-1.3B events for a month now

- *Constant submission means this has not really gone down at all recently. Oldest tasks are ~ 3 months old*

- *The priorities are working, things can be pushed up the queue if needed, which we have started doing*

- *This does include about 800M of non-urgent paused AF2 top mass variations, first submitted in the last MD. So "real" backlog, is "only" 500M: will need a little more for over Christmas*

- *If we get Sim@P1 over the holiday period, we can expect to double simul output with current high derivation share, so up to ~ 50M/day*

> HPC and jumbo jobs

- One task remaining on `Titan_long`, 1.8M events to go – how much allocation left?
  `ORNL_Titan` backfill: ~ 7M in 4 tasks and `BOINC`: ~ 10M in 6 tasks (running more now)

- I have about 20M split between 6 tasks ready to go, likely mostly to `BOINC`

- *Jumbo jobs*: 25M (done) and 17.6M (>80% done) so far, just submitted another 10M ES for this

> Stuff we have in mind to be discussed next week during S&C Week

- *Definition of gshares, re: simul is on opportunistic resources (hpc_special, cloud..), (some ADC session?)*

- *Inputs to derivations, and the single tag container model, alternatives (DCC)*

- *New evgen model coming and impact within ProdSys (also in DCC)*

> Plan for holidays: Last date for submission of new MC requests will be **Friday Dec 14**, will be worked on up to Wednesday Dec 19, then monitoring only. First 2019 MC shift starts on Jan 9