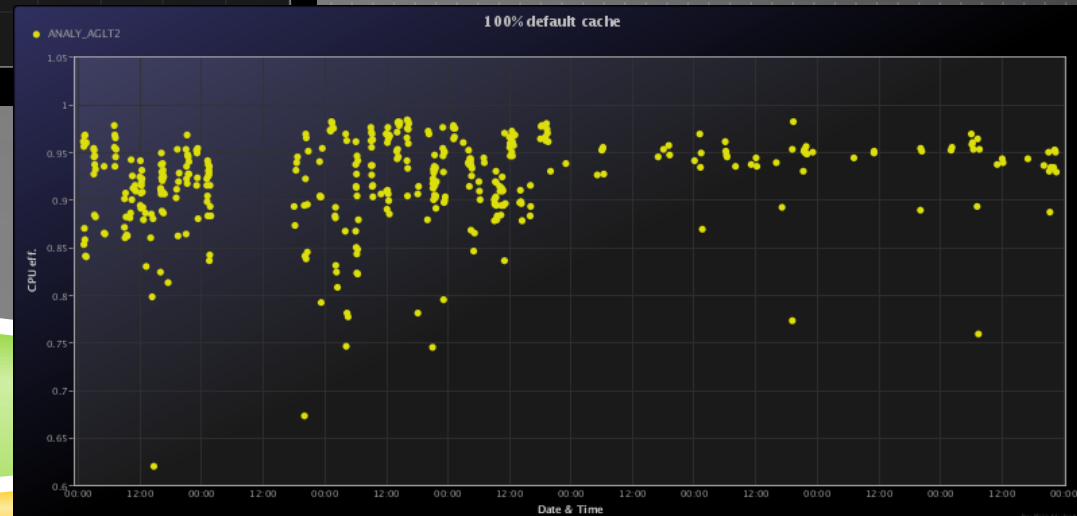
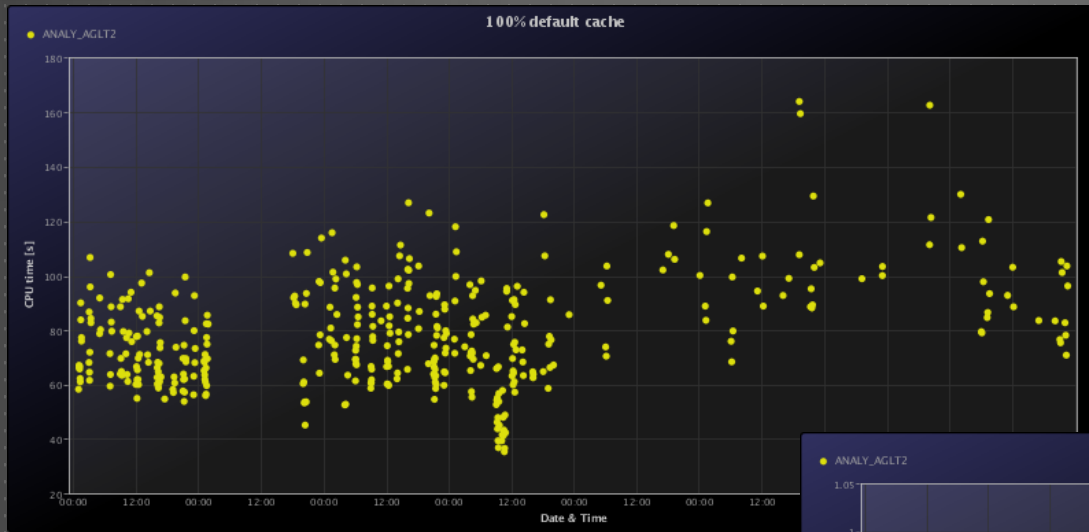


ATLAS ANALYSIS PERFORMANCE ON THE GRID monitoring and improving

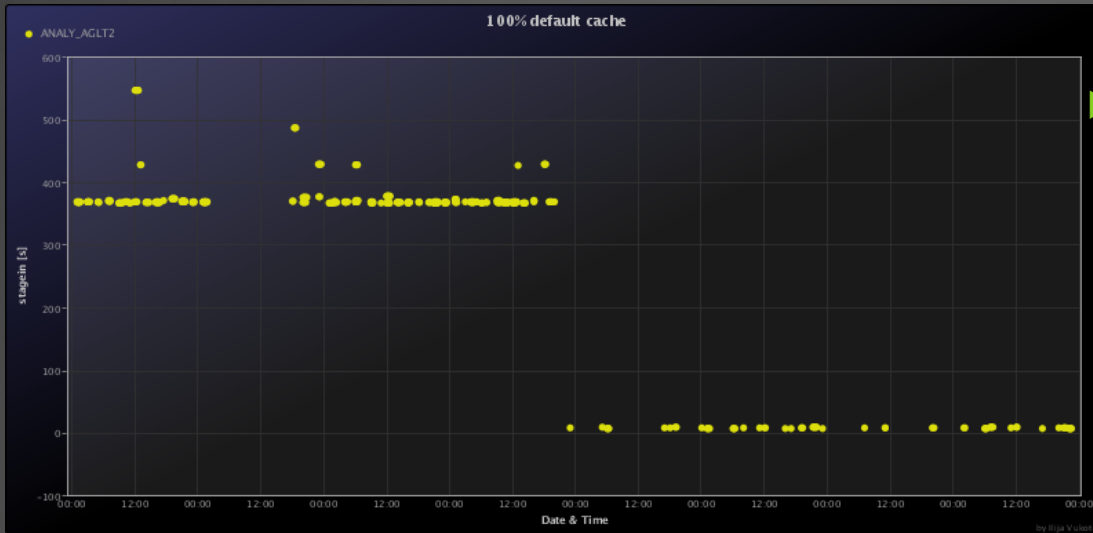
First meeting

AGLT2

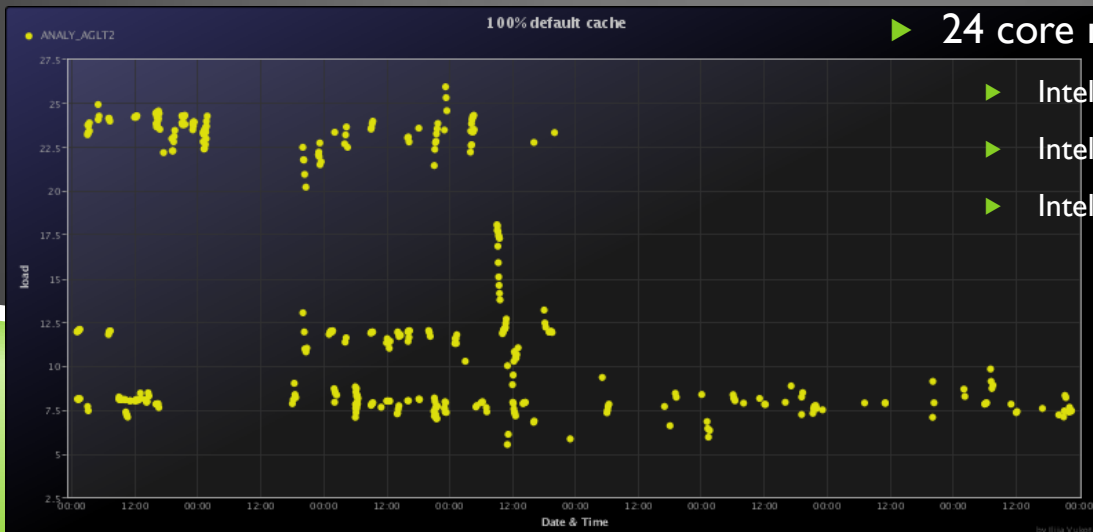
- ▶ Something happened at 1st Jun.
- ▶ CPU time went up ?! Eff. Remained good



AGLT2



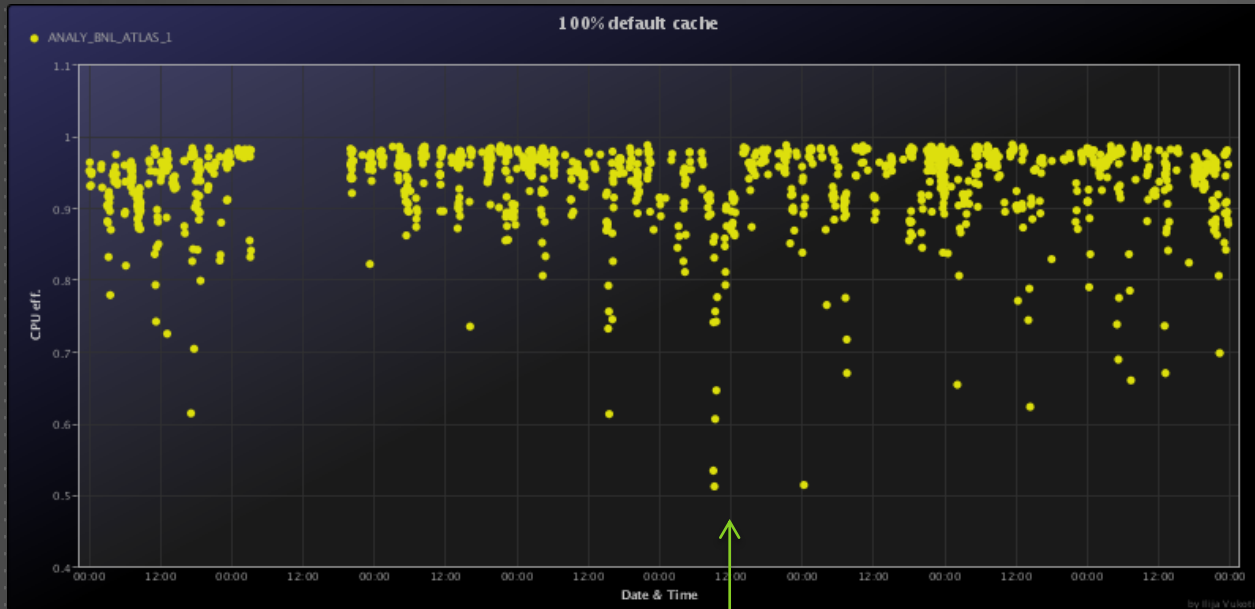
▶ Stage in time decreased!
Practically vanished.



▶ 24 core machines not used

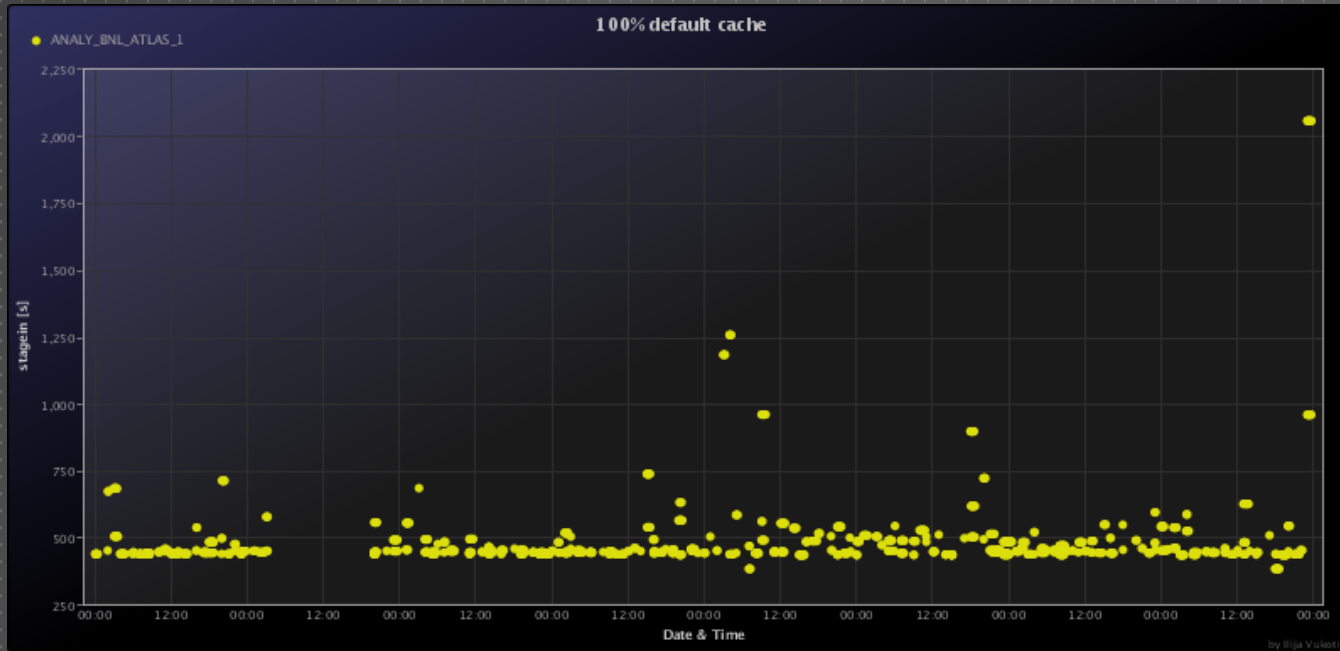
- ▶ Intel(R) Xeon(R) CPU X5650 @ 2.67GHz, 24 cores HT
- ▶ Intel(R) Xeon(R) CPU X5670 @ 2.93GHz, 24 cores HT
- ▶ Intel(R) Xeon(R) CPU X5660 @ 2.80GHz, 24 cores HT

BNL



- ▶ 94% CPU efficiency !!!
- ▶ But what are outliers?
- ▶ Where dips come from?

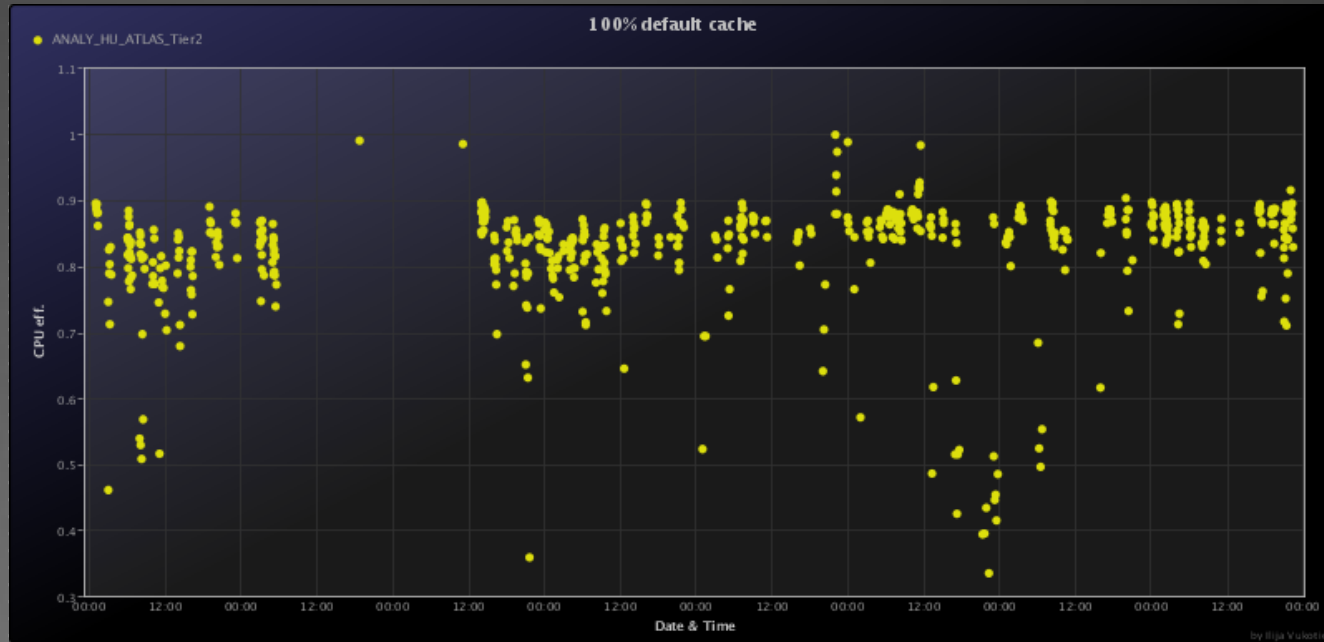
BNL



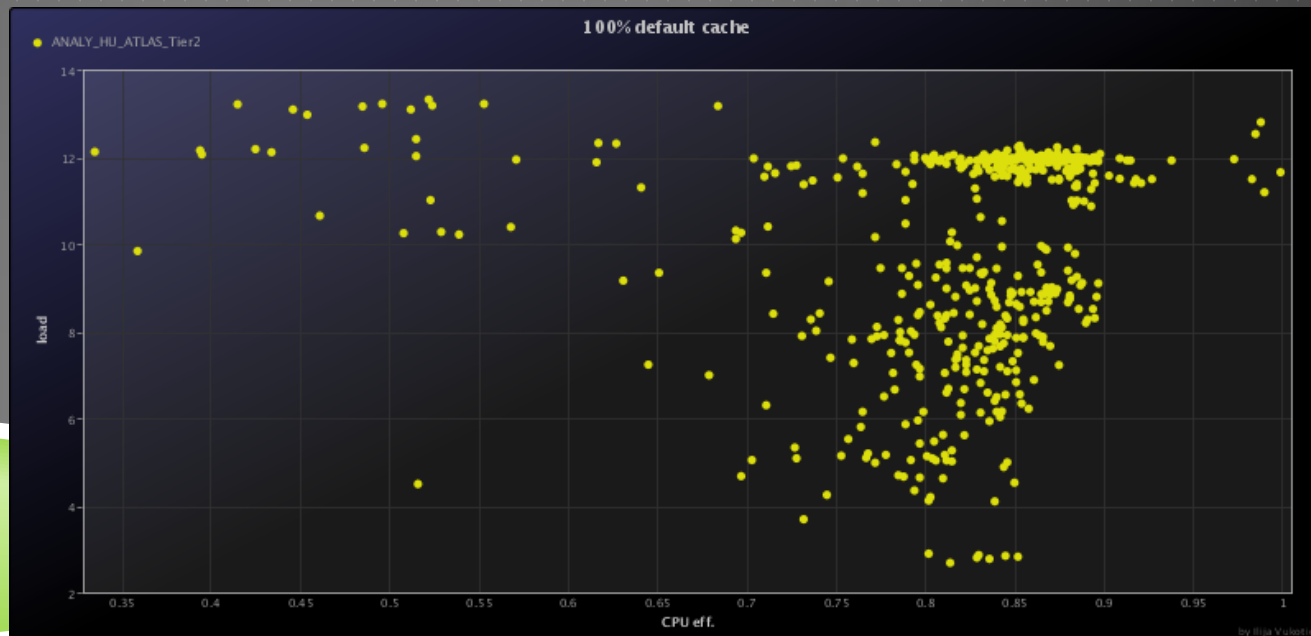
- ▶ Stage in time of ~450 seconds is way too much?

HU

- ▶ Spotty efficiency
- ▶ Stage in ~500s
- ▶ Stage out ~130s ?
- ▶ Setup ~100s ?



- ▶ Not because of load

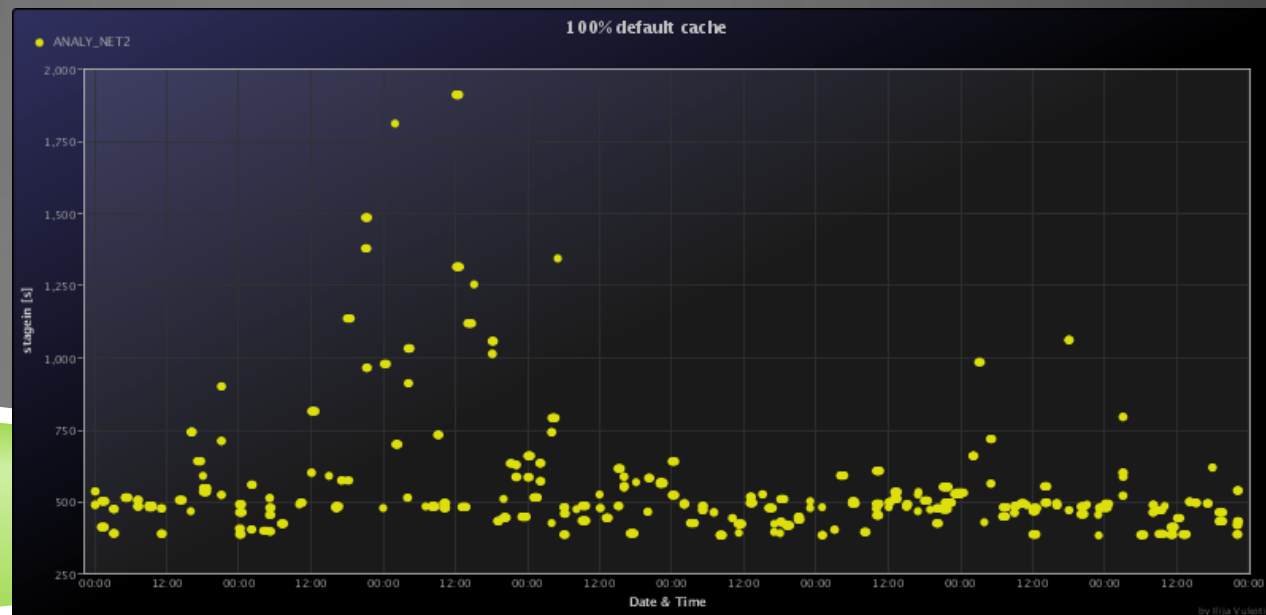
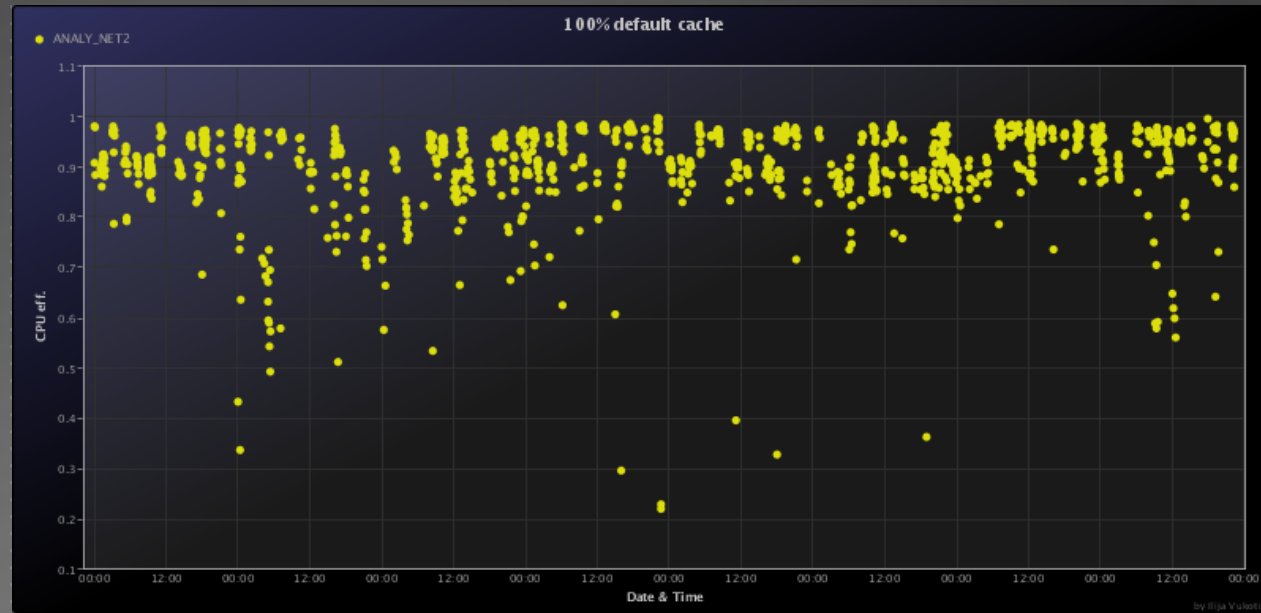


MWT2

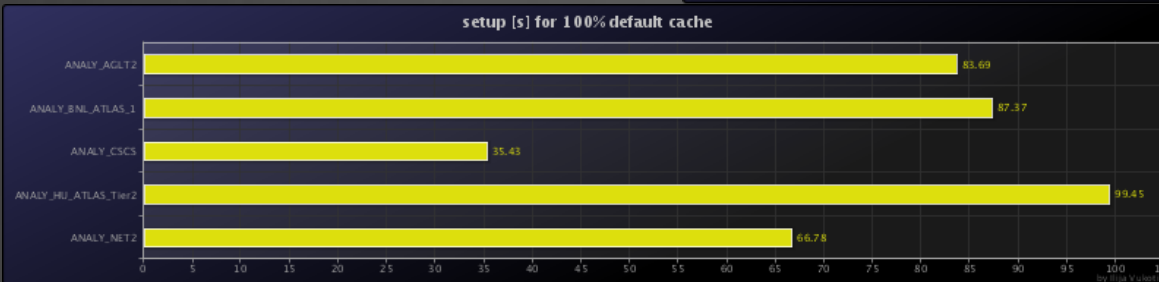
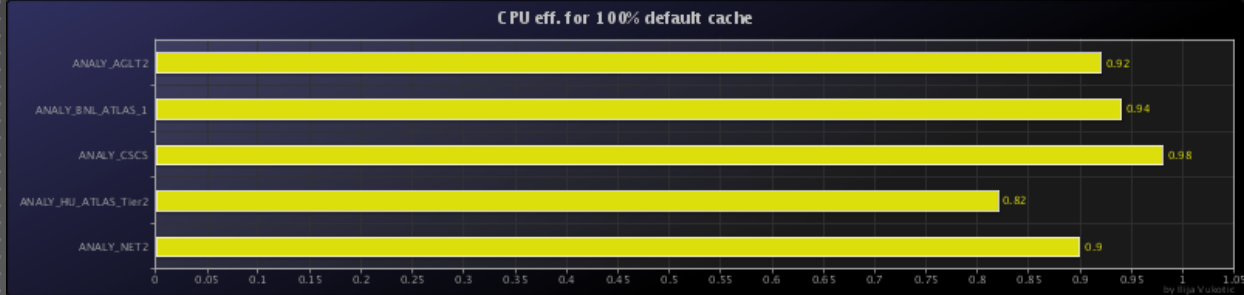
- ▶ No jobs from after 1st March?
- ▶ Can't reach results...

NET2

- ▶ Good CPU eff. ~ 0.9
- ▶ Stage-in ~ 542 s
- ▶ But good setup: 66s



COMPARISONS



- ▶ CSCS
- ▶ Swiss center for supercomputing

