

ADC Weekly Group production

Eirik Gramstad and Monica Dobre

<https://twiki.cern.ch/twiki/bin/view/AtlasProtected/DerivationProductionTeam>

July 4, 2017

Production with release 21

1. CP-trains launched (7 trains, 38 formats) 17 days ago

project	monitoring	statistics					
		total	running	done	obsolete	aborted	toabort
data15	▶ monitoring	870	1	655	106	105	3
		total	running	done	obsolete	toetry	
data16	▶ monitoring	1359	7	1195	151	6	

- ▶ few jobs still running due to
 - ▶ staging input file failed
 - ▶ too much scratch space required by merge job

2. physics trains launched (10 trains, 73 formats) 5 days ago

project	monitoring	statistics						done [%]	
		total	running	broken	done	obsolete	submitting	aborted	
data15	▶ monitoring	1165	41	8	907	6	105	98	87%
data16	▶ monitoring	1716	363	98	336	860	59		29%

- ▶ BPHY8 failing on a small fraction of events so train has been aborted and re-launched without this carriage
- ▶ run 276073 in data15 is failing for most formats (due to non-standard machine conditions (thus not in the GRL))

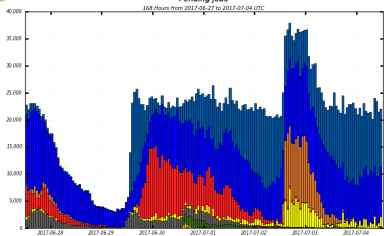
3. open-ended production with 21.0.19.6

- ▶ AtlasDerivation not capable of processing non-reduced AODs
- ▶ as of run 327764 reduced AODs are coming out from T0
- ▶ open-ended production has started on
 - ▶ ZeroBias stream (JETM5):
https://prodtask-dev.cern.ch/prodtask/inputlist_with_request/12760/
 - ▶ Main stream(16 trains, 100 formats):
https://prodtask-dev.cern.ch/prodtask/inputlist_with_request/12759/
 - ▶ [monitoring](#)
- ▶ non-reduced AODs (runs before 327764) are re-processed with f836
 - ▶ derivation production has been launched separately for these 11 runs
 - ▶ [monitoring](#)

Derivation jobs in the system



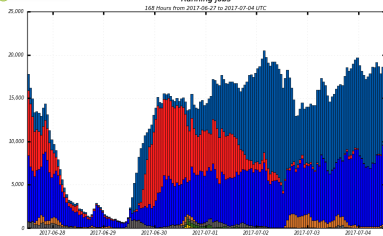
Pending jobs



Maximum 37,910, Minimum 1,046, Average 20,343, Current 22,035



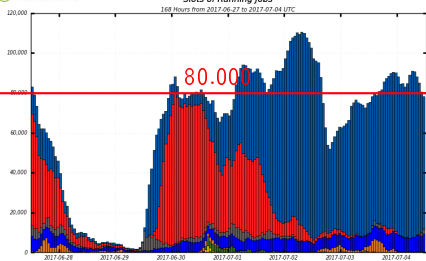
Running jobs



Maximum 20,483, Minimum 678, Average 12,779, Current 18,592



Slots of Running Jobs



Maximum 110,550, Minimum 1,689, Average 63,512, Current 78,437

monitoring