

Offline Monitoring Report

- Status of current launch
- Next launch

September 2, 2015

Kei Moriya

Current Launch

- 2015-03 ver13 launched on August 28 (Fri)
- 4314 jobs (files) for data from 2015-03
- Added BCAL_attenlength_gainratio (Mark D.) BCAL_TDC_Timing (Mike S.)
- Special request for use of BCAL:USE_TDC for runs 2931, 3079, 3179, 3180, 3185
- Many problems



System Problems

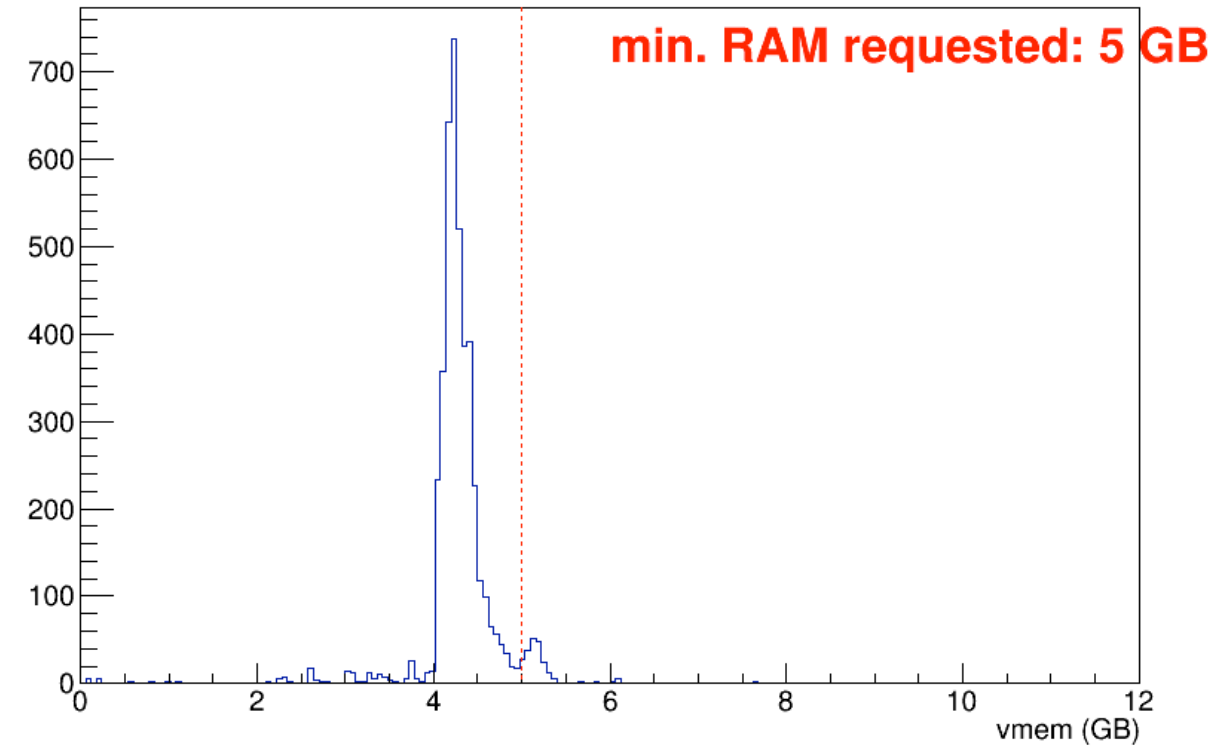
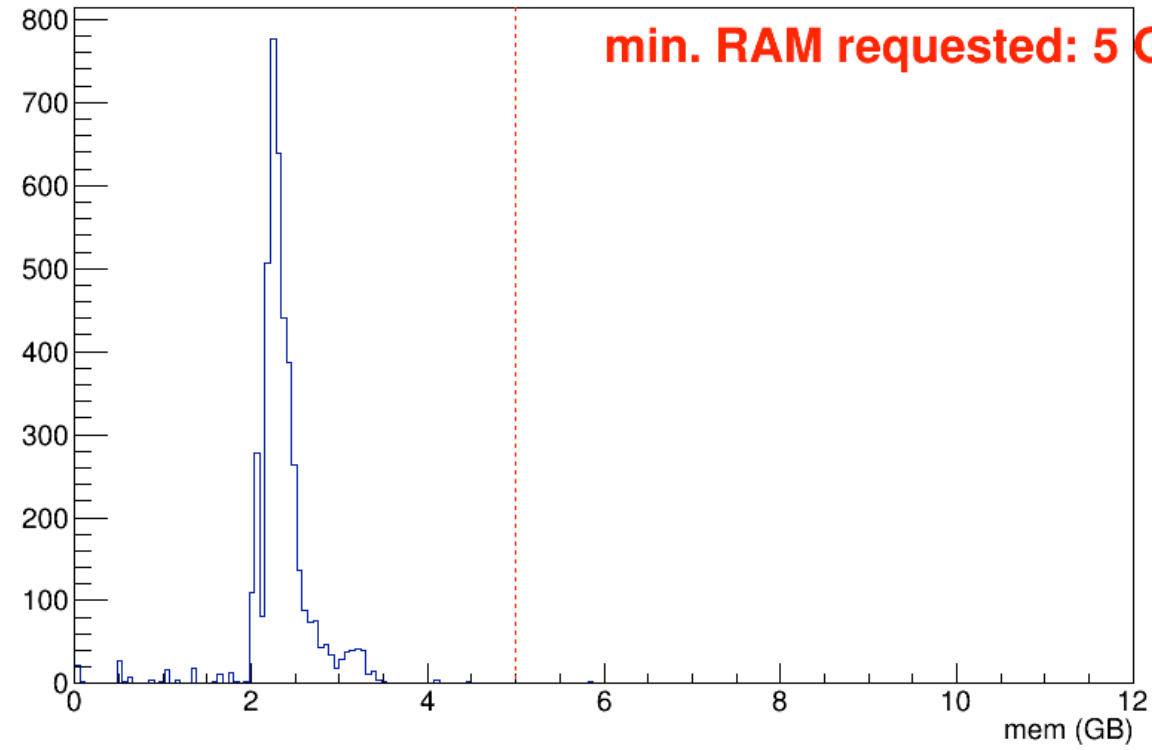
Problem	Dispatch Error	Explanation
AUGER-SUBMIT	I/O subprocess failed with exit code 1 (su: user gxproj5 does not exist)., caused by Unable to create ssl socket factory	User home directories not available to server
AUGER-FAILED	No job status in batch system and we never recorded a finish.	Bug in CCPR parsing put submitter as "scicomp"
AUGER-FAILED	Job failed with unknown reason.	Bad farm node
AUGER-OUTPUT-FAIL	Failed to stage all of the output files.	Mounting issue on farm node (?)
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Problems With Jobs

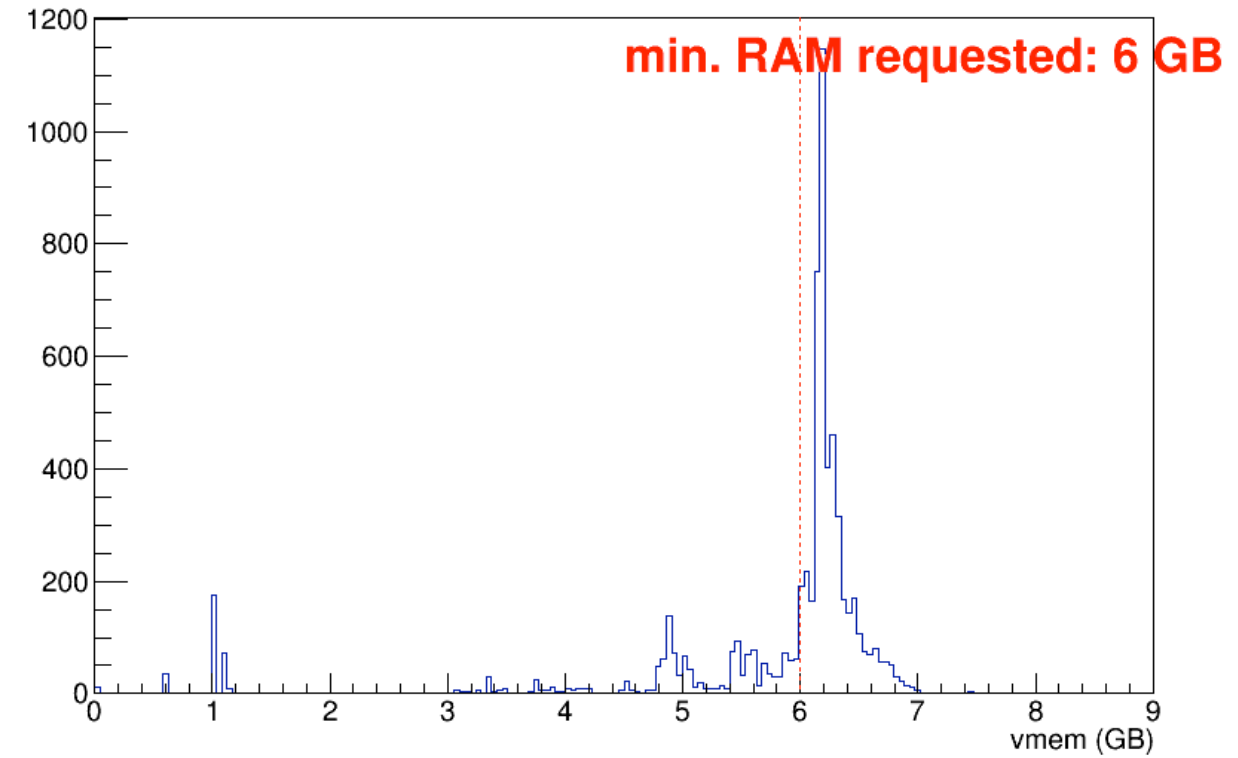
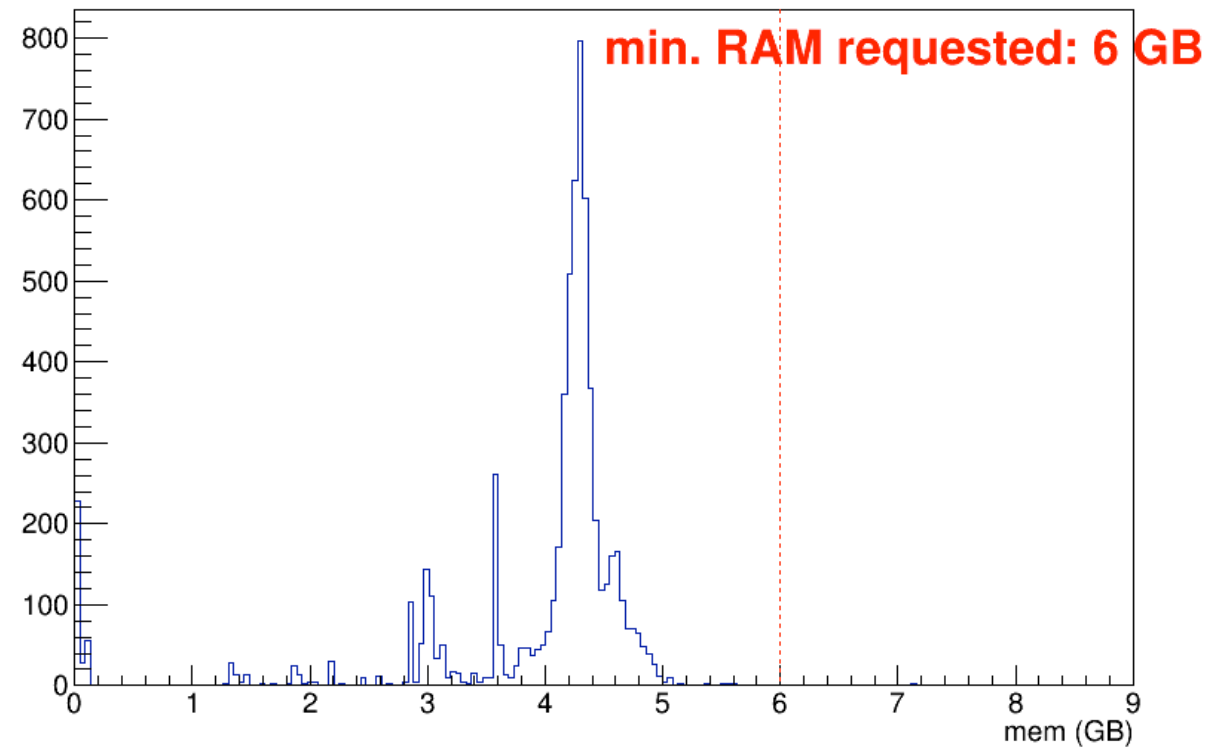
Problem	Dispatch Error	Explanation
AUGER- OVER_RLIMIT	Job exceeded resource limit.	Asked for too little RAM
AUGER- TIMEOUT	Job timed out.	Asked for too little wall time

RAM Usage

ver11



ver13



mem

vmem

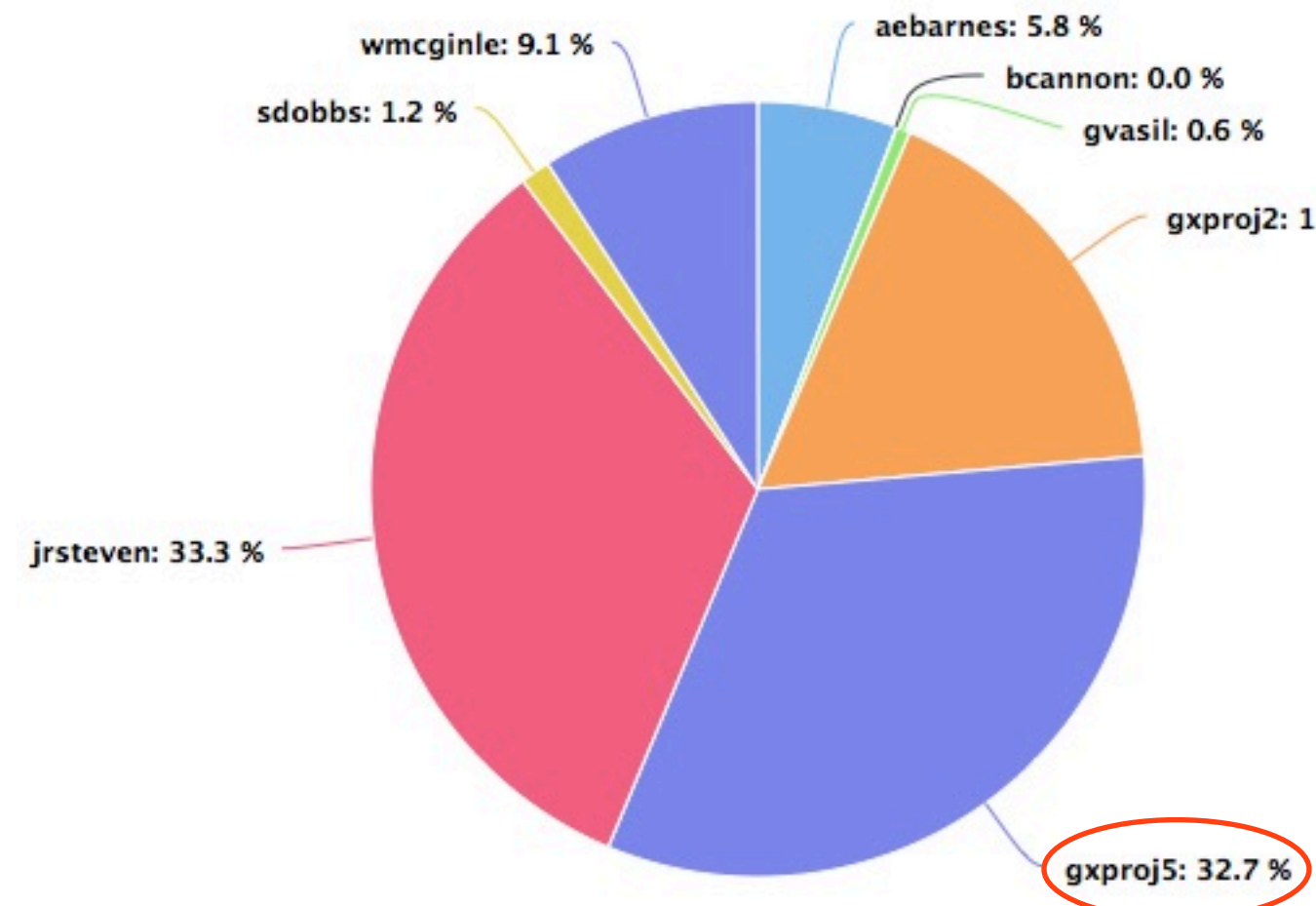
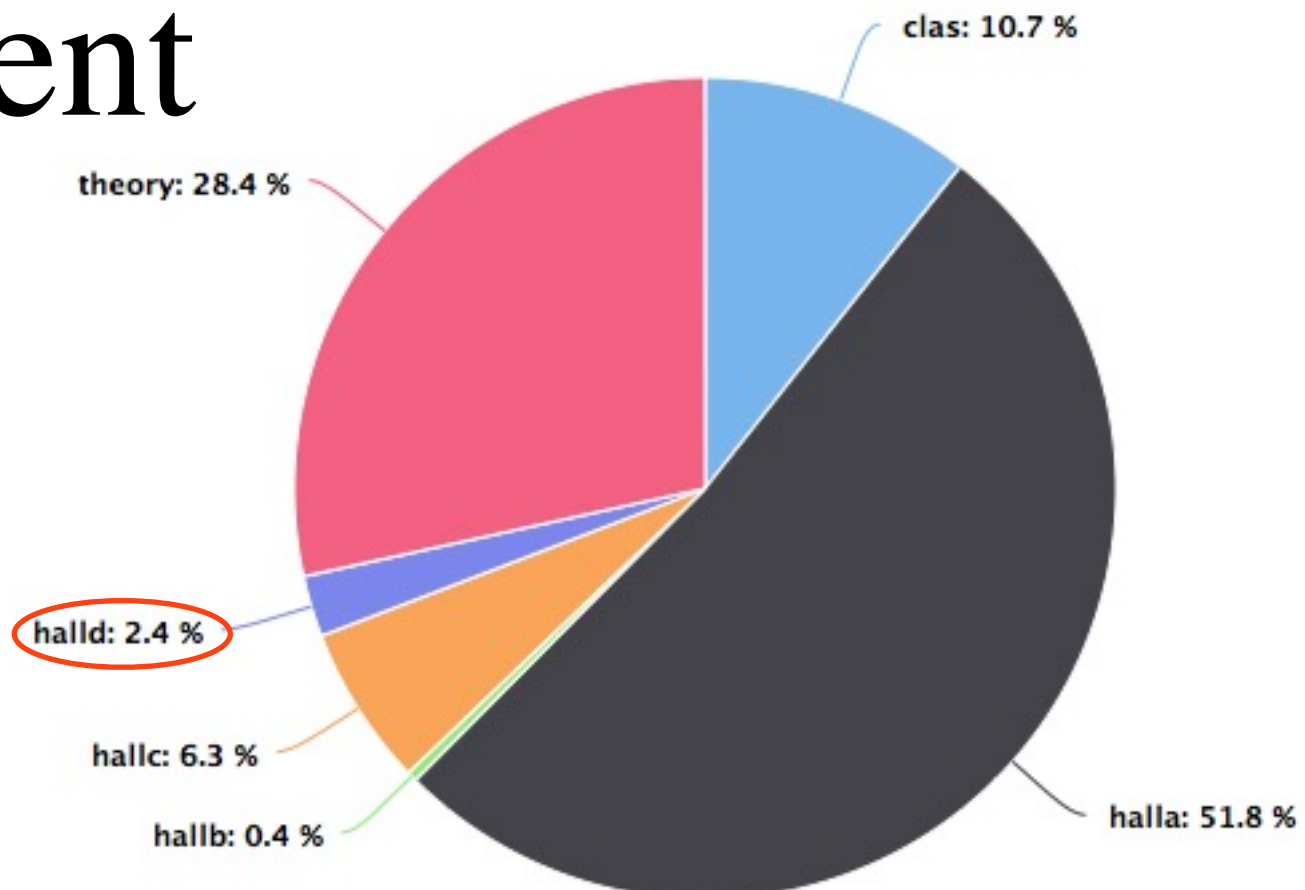
Farm Environment

- Stats for 2015/08/28 - 2015/09/02

<http://scicomp.jlab.org/scicomp/#/auger/jobStatProj>

08/28/2015 - 09/02/2015

Hall	Project	Job Count	Process Hour
▶ clas	all	79,684	50,870
▶ halla	all	18,503	246,574
▶ hallb	all	13,708	1,898
▶ hallc	all	4,387	30,064
▶ halld	all	7,803	11,453
▶ theory	all	101,477	135,450
		225,562	476,309



Moving Forward

- Will finish this launch and make results available
- Output from SWIF complicated, but will benefit code
- Start processing BCAL cosmic runs
- Working with Chris on Auger issues, SWIF development
- Next launch will be September 12 (Fri)