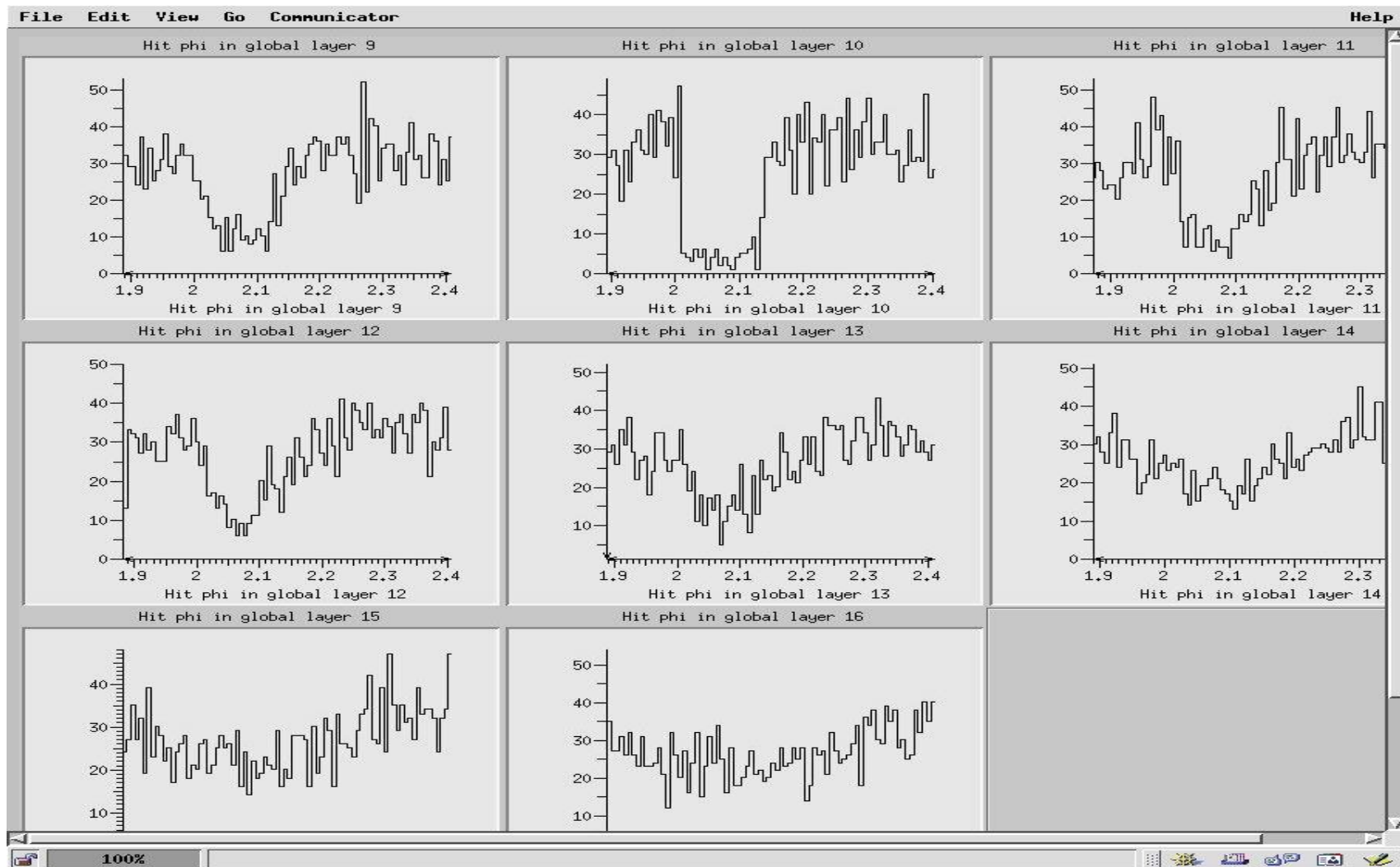


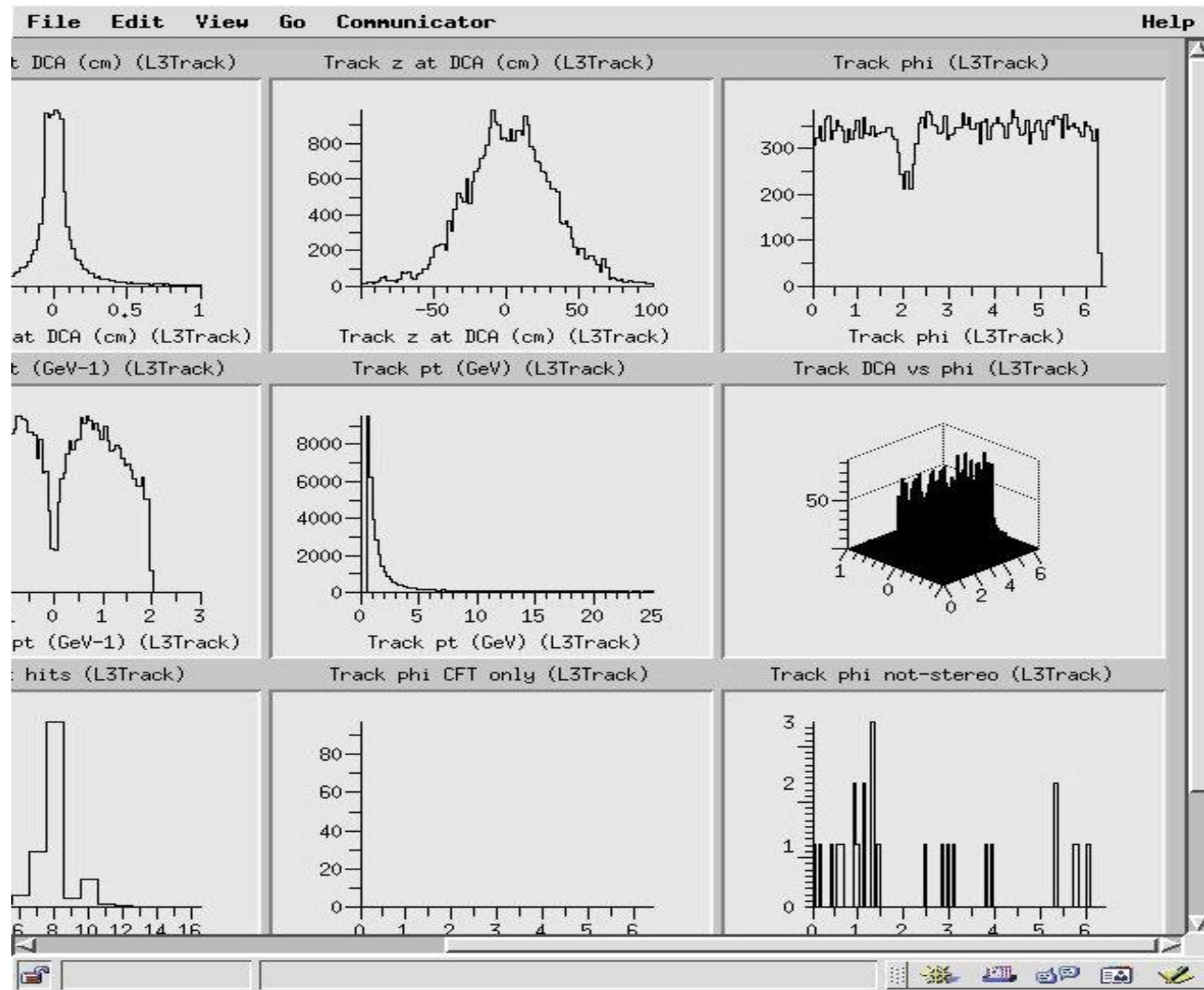
Problems on 4/29/2003

- 4B6 AFE-board 577 "would/would not" download during few hours on 4/24, crate 50
 - No problems last week
- CA5 AFE-board 487 reset itself on 4/27 eLog 198279, crate 51, returned to normal after downloading
 - No problems last week
- Discriminator gain switched from high to low without anybody taking responsibility, for all AFEs in crate 50.
 - Standard mode of operation: high gain
 - Since last Saturday we run with low gain
- SVX0 in 9A5 AFE-board does not contribute to tracking
 - cft_examine shows hits at nominal level
 - Global monitoring does not show hits

Hole in global layer 10: SVX0 IN 9A5



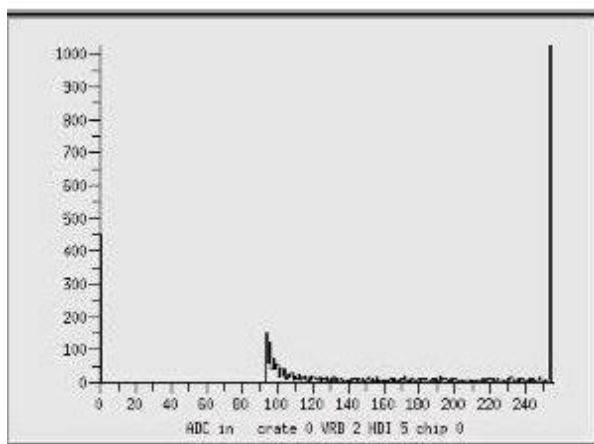
Tracks phi have hole



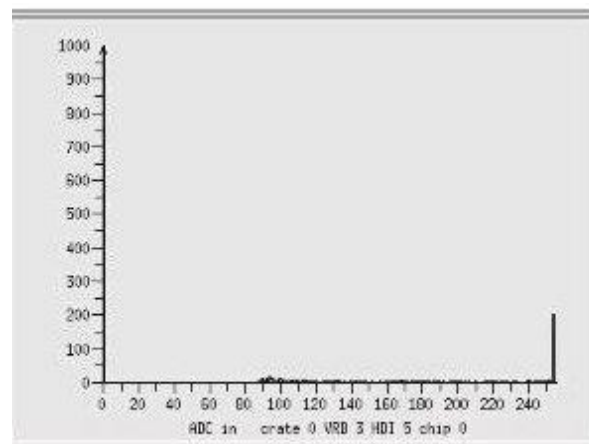
Bad chip: SVX0 on 9A5 did not contribute to tracking

Pulse height distributions

Reference chip

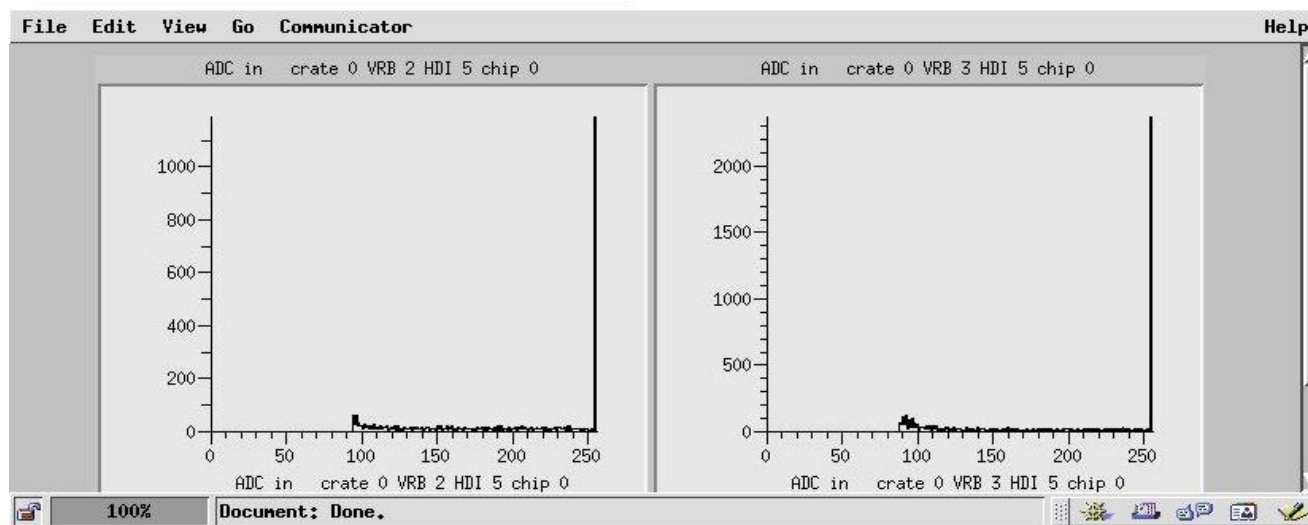


"Bad chip"



Before swap

After swap



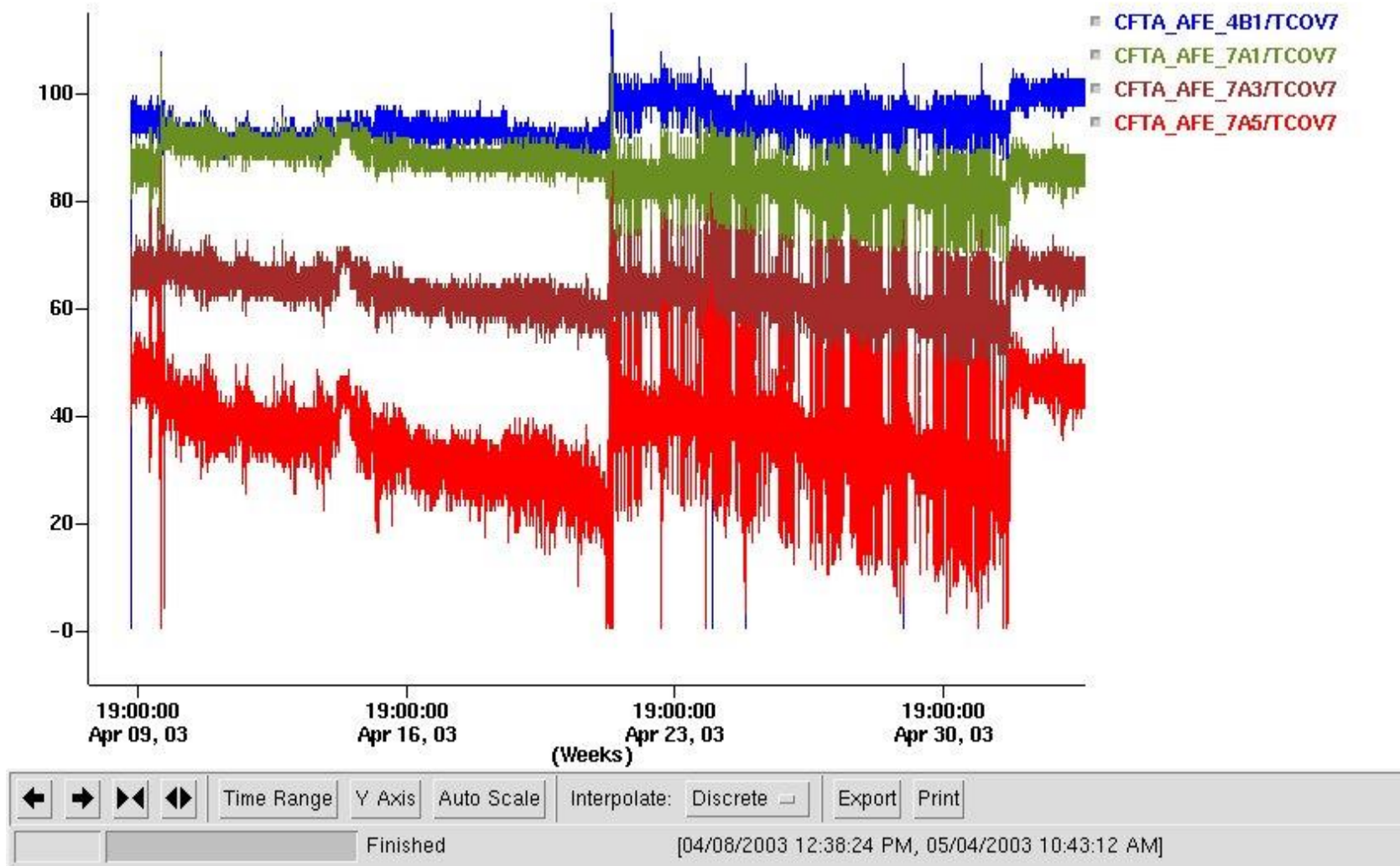
cft_examine: we need more plots

- Hit maps and occupancies for raw SVX hits
- Hit maps and occupancies for SVX hits above calibration thresholds

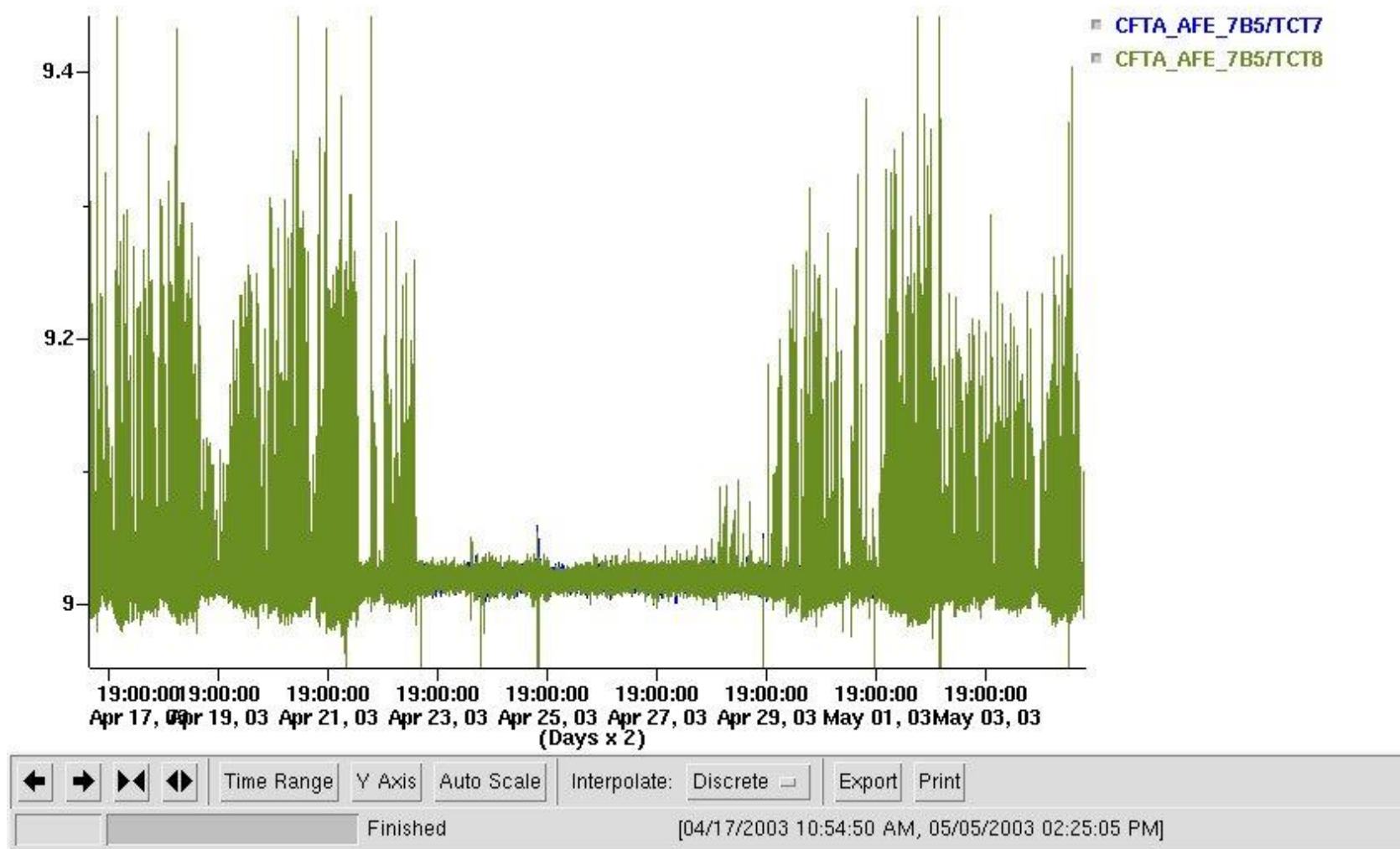
Last week problems

- EAST CRYOSTAT temperature lowered again
- Disabled alarm on AFE power supply 12A +12V
- Oscillating temperature on AFE 7B5 module 8

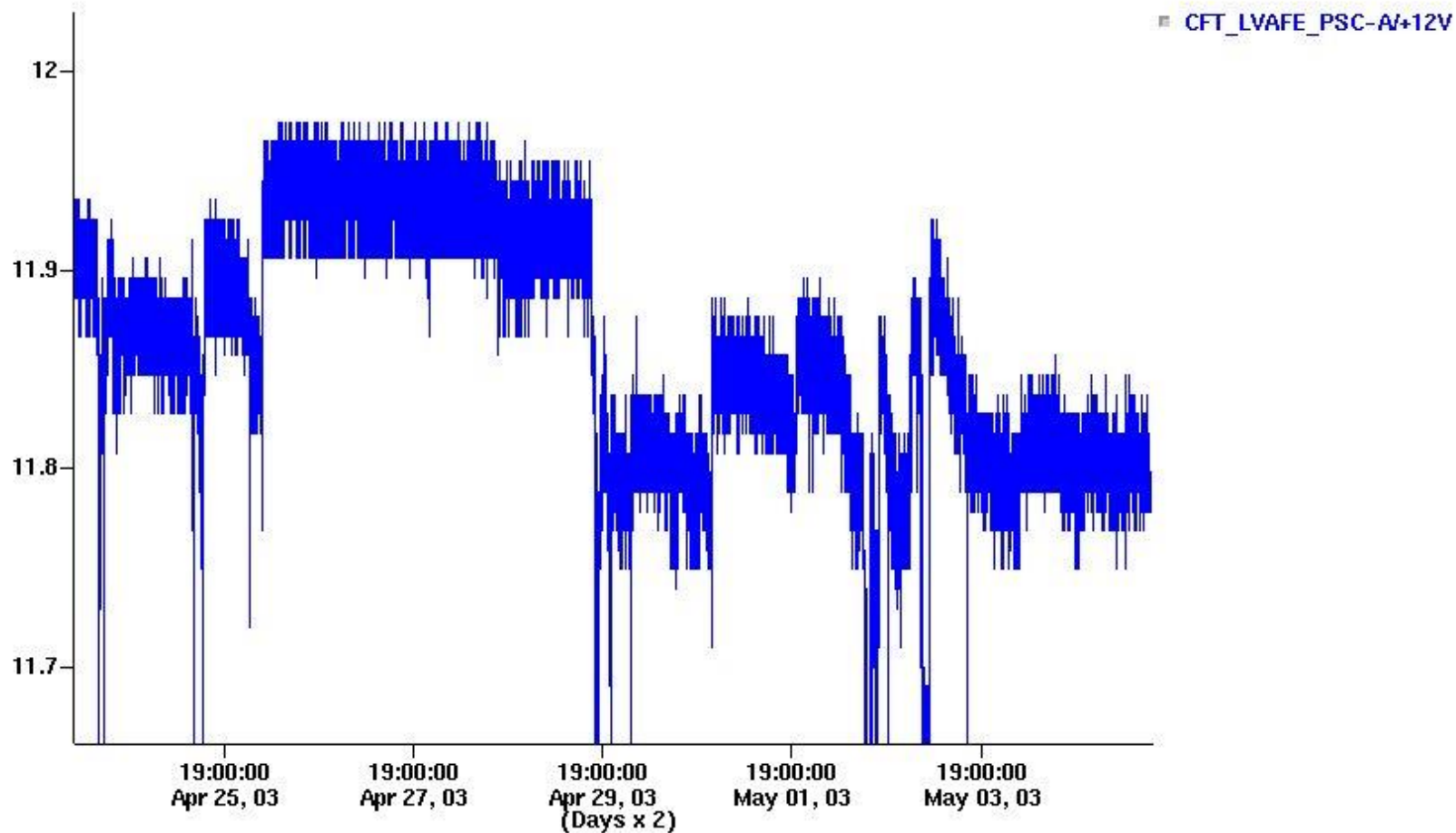
EAST CRYOSTAT temperature re-adjusted Driven by west-most cassette (board 7A5)



Temperature oscillating in 7B8 module 8



Disabled alarm on AFE power supply 12A,+12V



Some problems went away

- Temperature on 4B1 module 8 and 5A5 module 1 stopped oscillating
- Split pedestals disappeared from SVX5 on 4B5

Bad boards

Board #	Hand	color	type	Priority	Slot	Date	Problem
574			CFTA		8B6	05/01/03	several dead channels
553			CFTS		3B1	04/25/03	in SVX0 sift 2 has large RMS
656			FPS		1A2	04/25/03	many problems with 2 sifts in SVX7
670			FPS		2A6	04/25/03	bad bias read-back
513			CFTA		8B3	05/01/03	Major alarm on bias PV-SP: -1.6V
551			CFTS		2B1	05/01/03	Major alarm on bias PV-SP: +2.4V
541			CFTS		8A5	05/01/03	Major alarm on bias PV-SP: -1.2V
647			CPS		3B3	05/01/03	Major alarm on bias PV-SP: -0.36V