

Production test status

Strasbourg

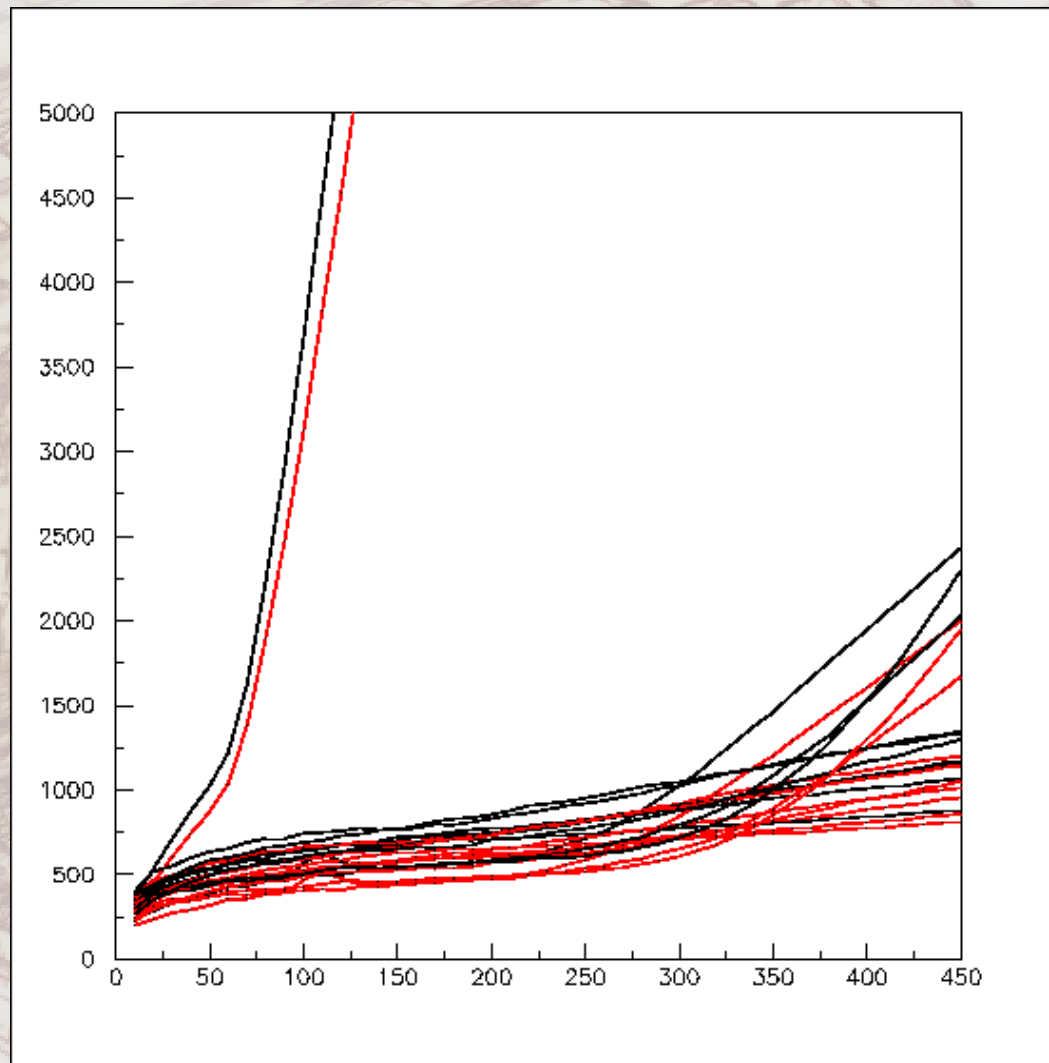
Long term test

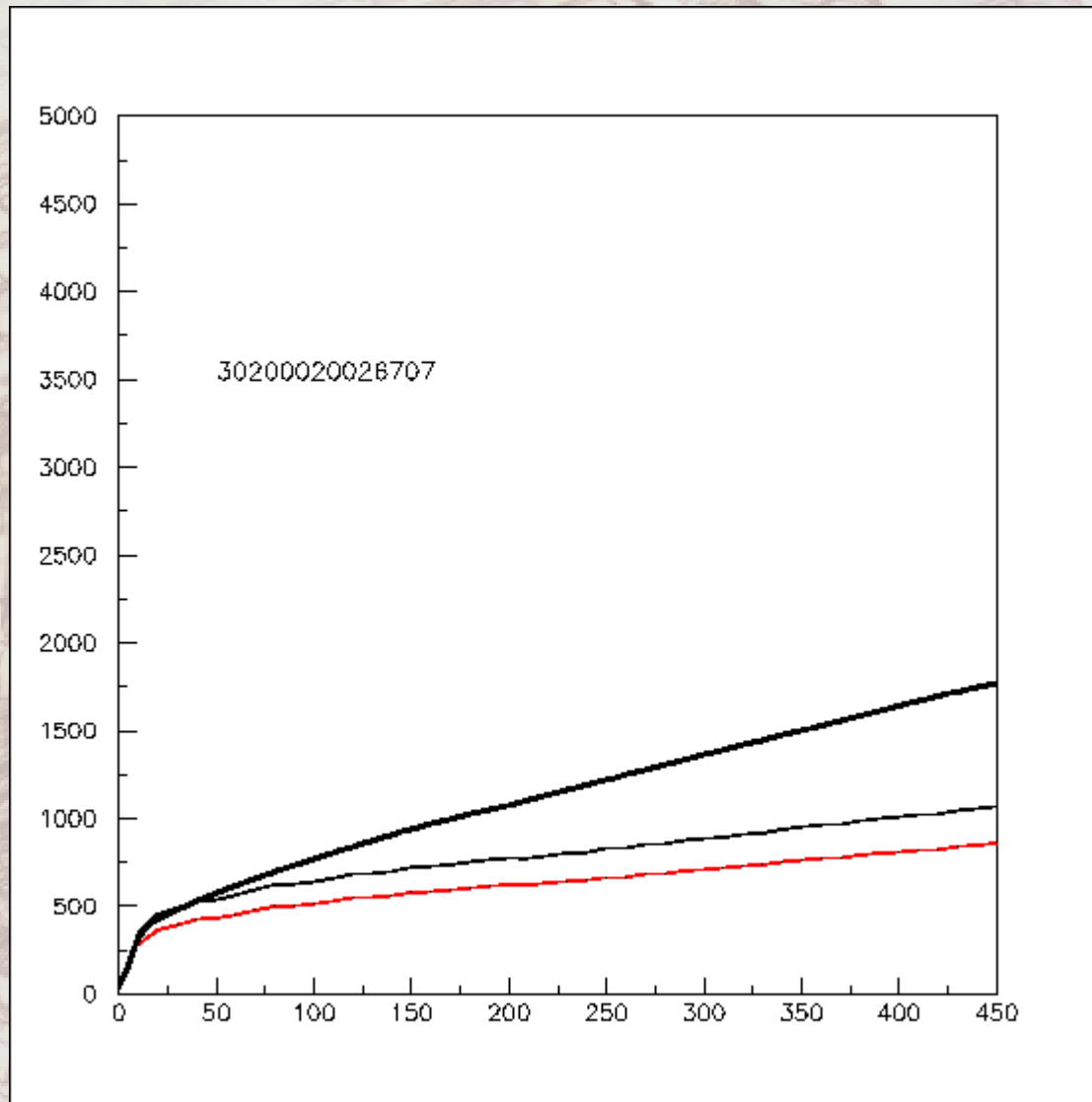
- Received 12 R4 to test
 - Started immediately tests with Lt1_24
 - Fired two FEC **OLD** version successively (LVDS)
 - Reason not found at the moment
 - The FEC were repaired by replacing the LVDS chips
 - Started a scenario but it got stuck at -20°C
 - TempReached did not make correct tests when using dim
 - Turnaround found... It will be debugged soon
 - Re-started scenario but after 2 days, LV crashed
 - Probably also the cause of the FEC problem ?!
 - Found new LV, scenario is running again

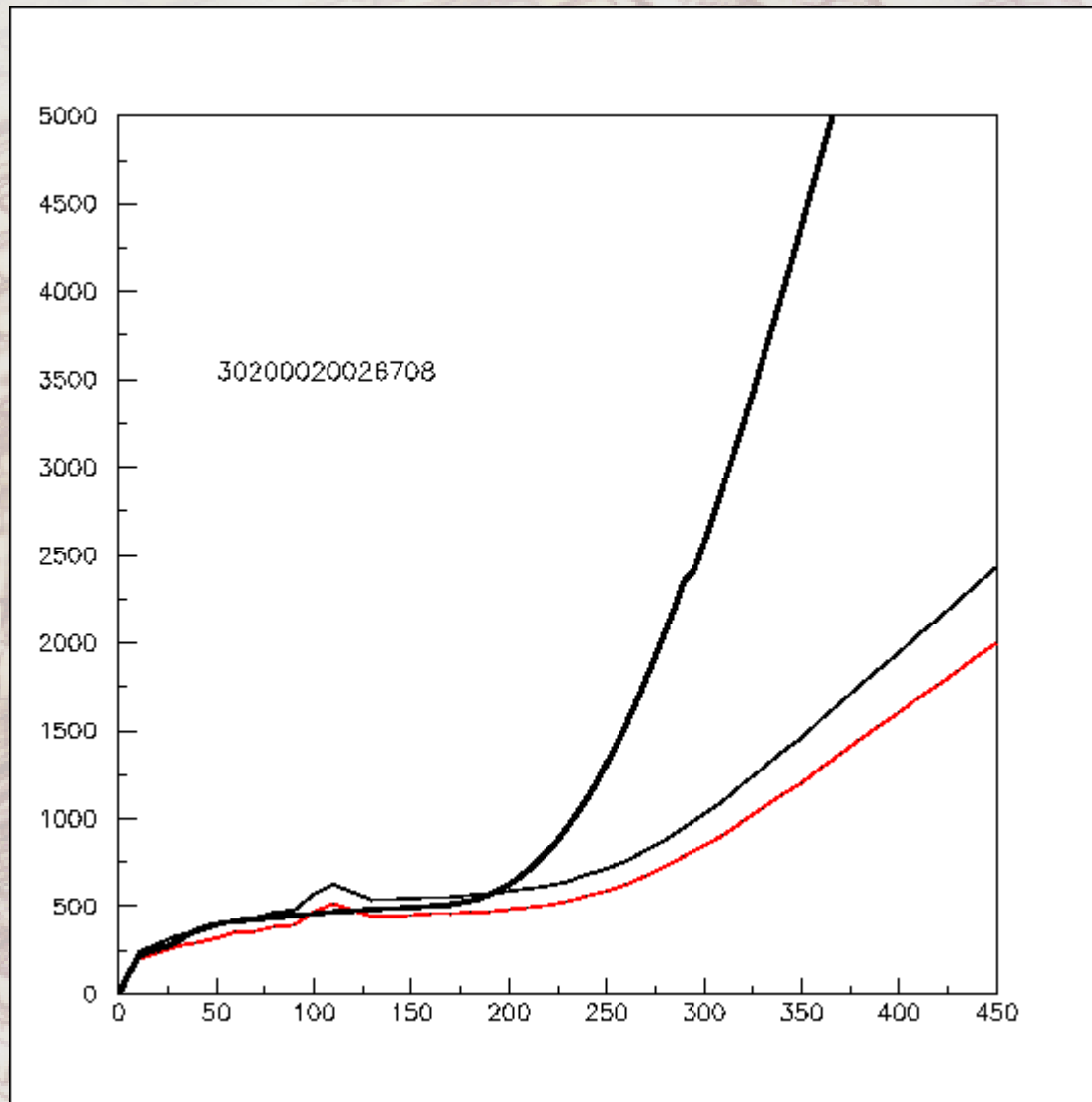
ARC tests

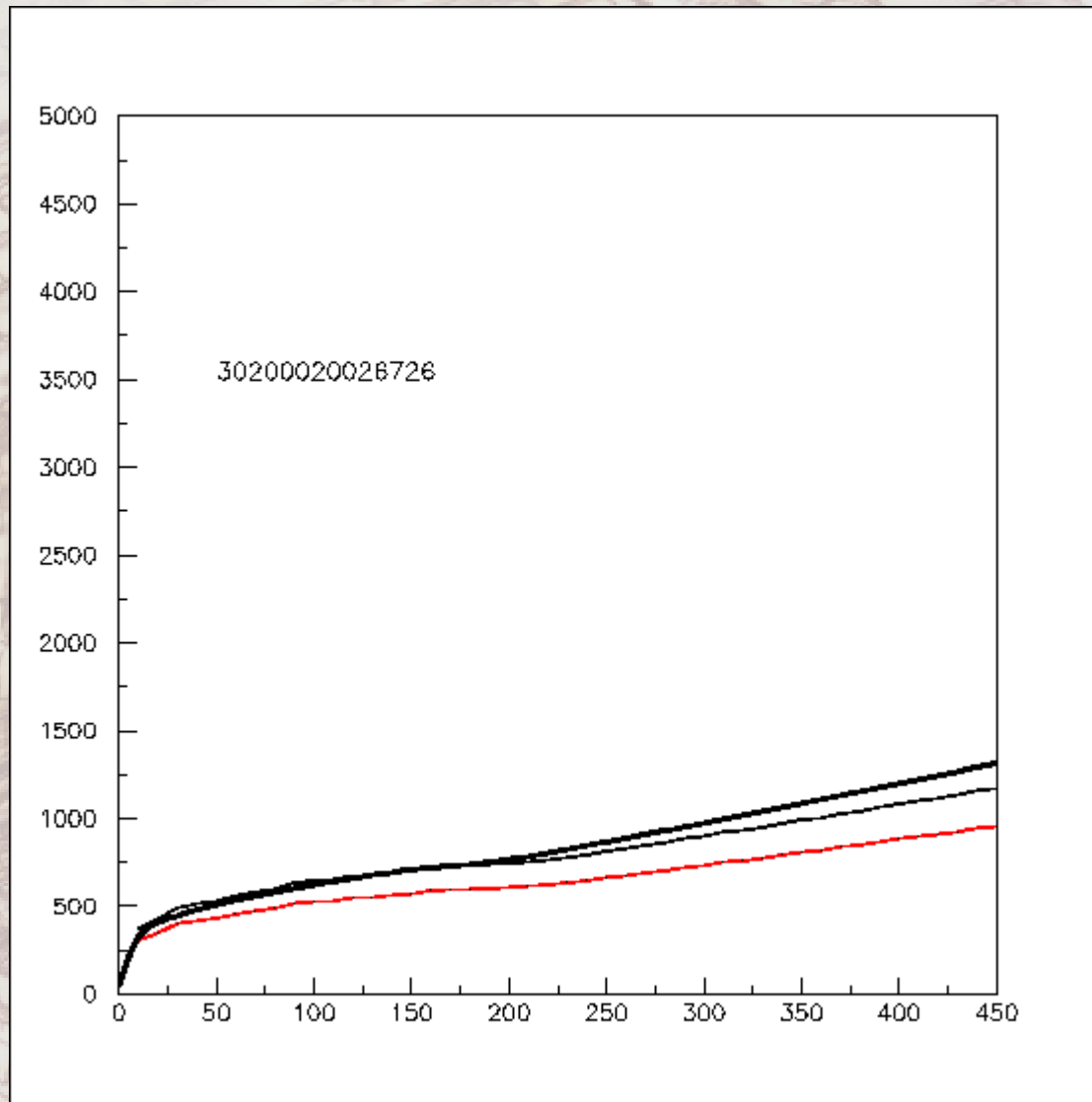
- Received 9+23 R7 to bond and test
- Production procedure followed with IV before and after bonding
 - 1 with glue excess,
 - 11 not adapted to bonding jig... “unbondable”
- 11 modules bonded and tested (when writing this)
 - 1 with clear bad I(V), kinks on ~50% of them
- Some more tested...

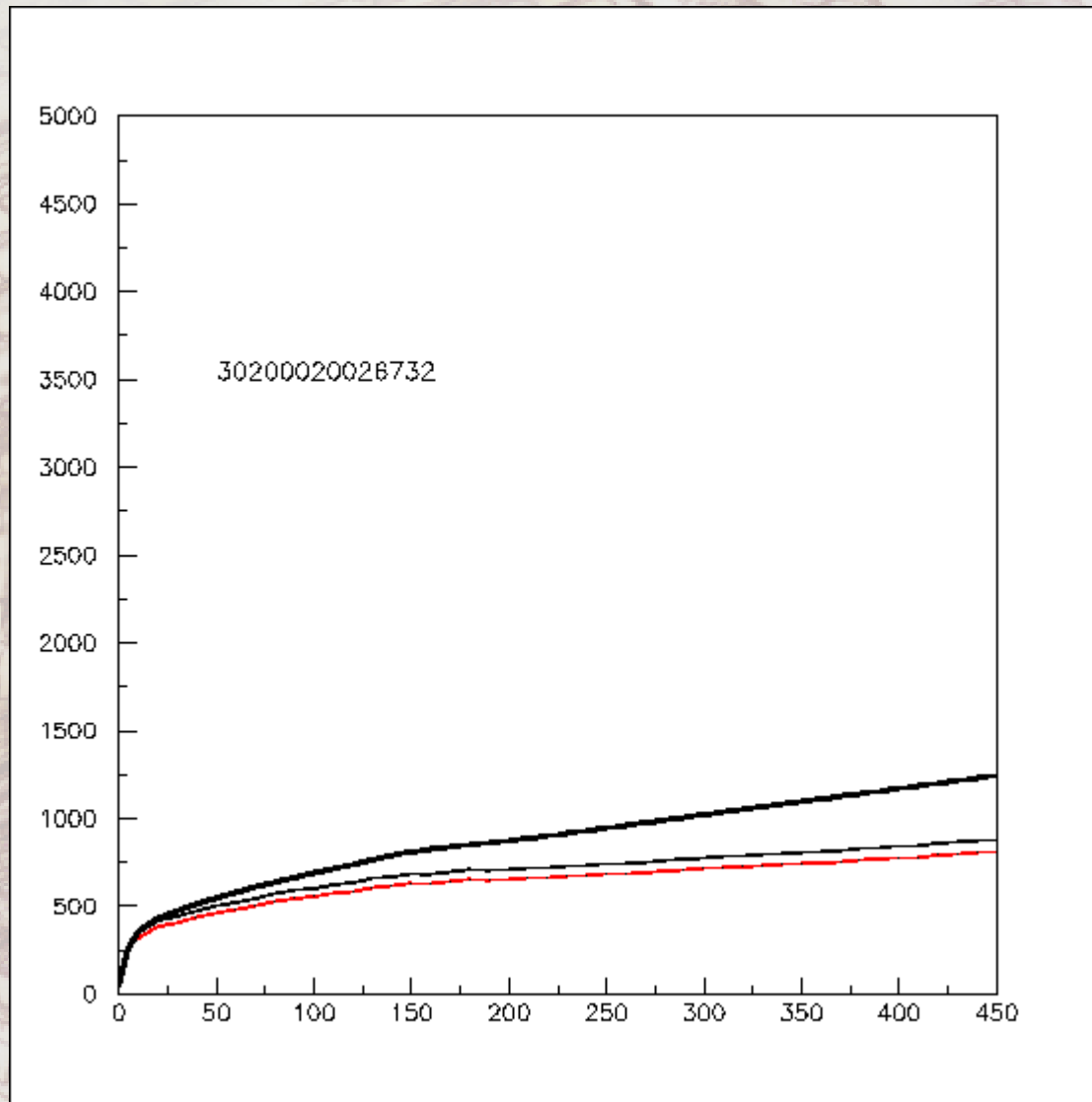
I(V)

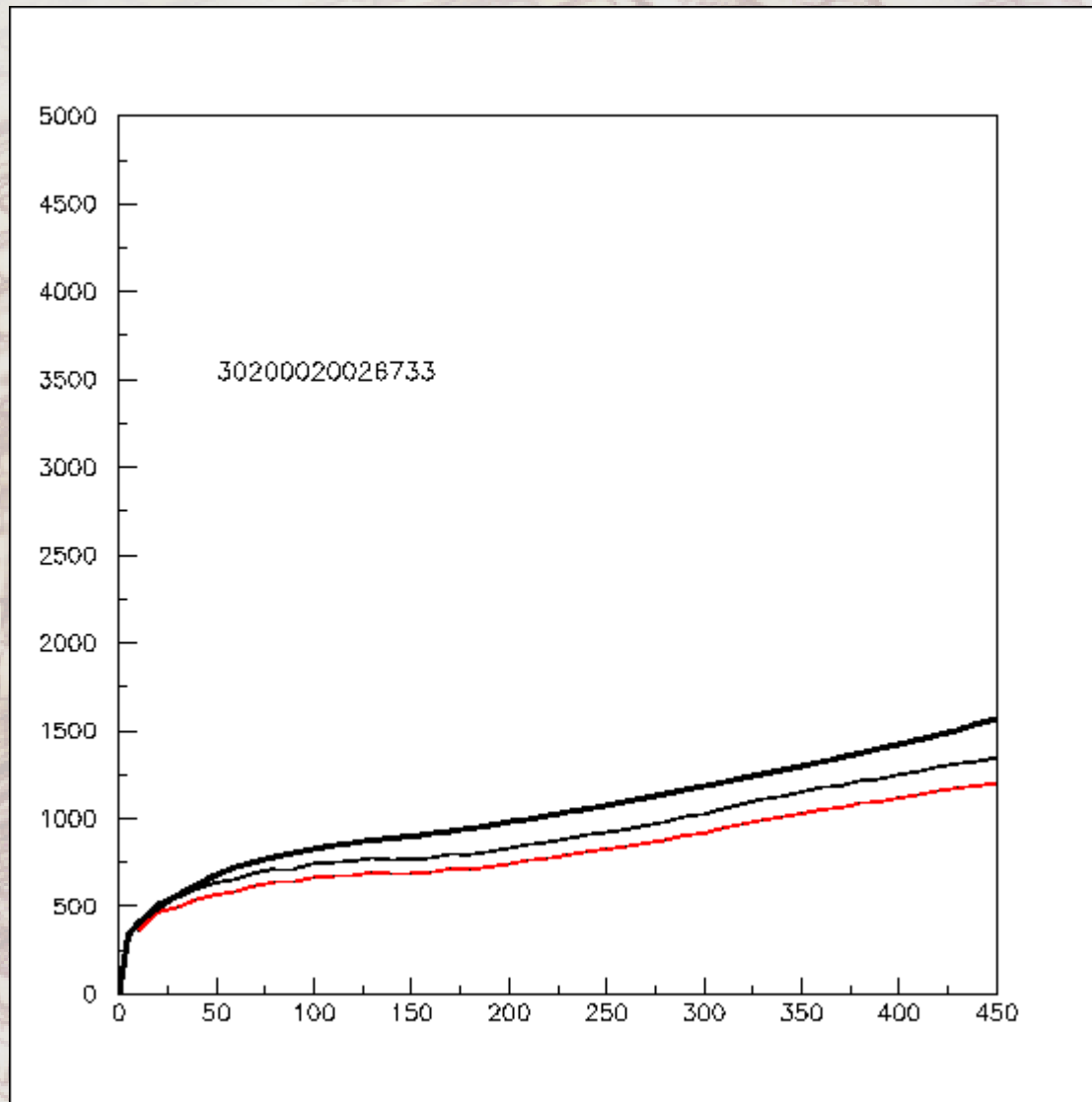


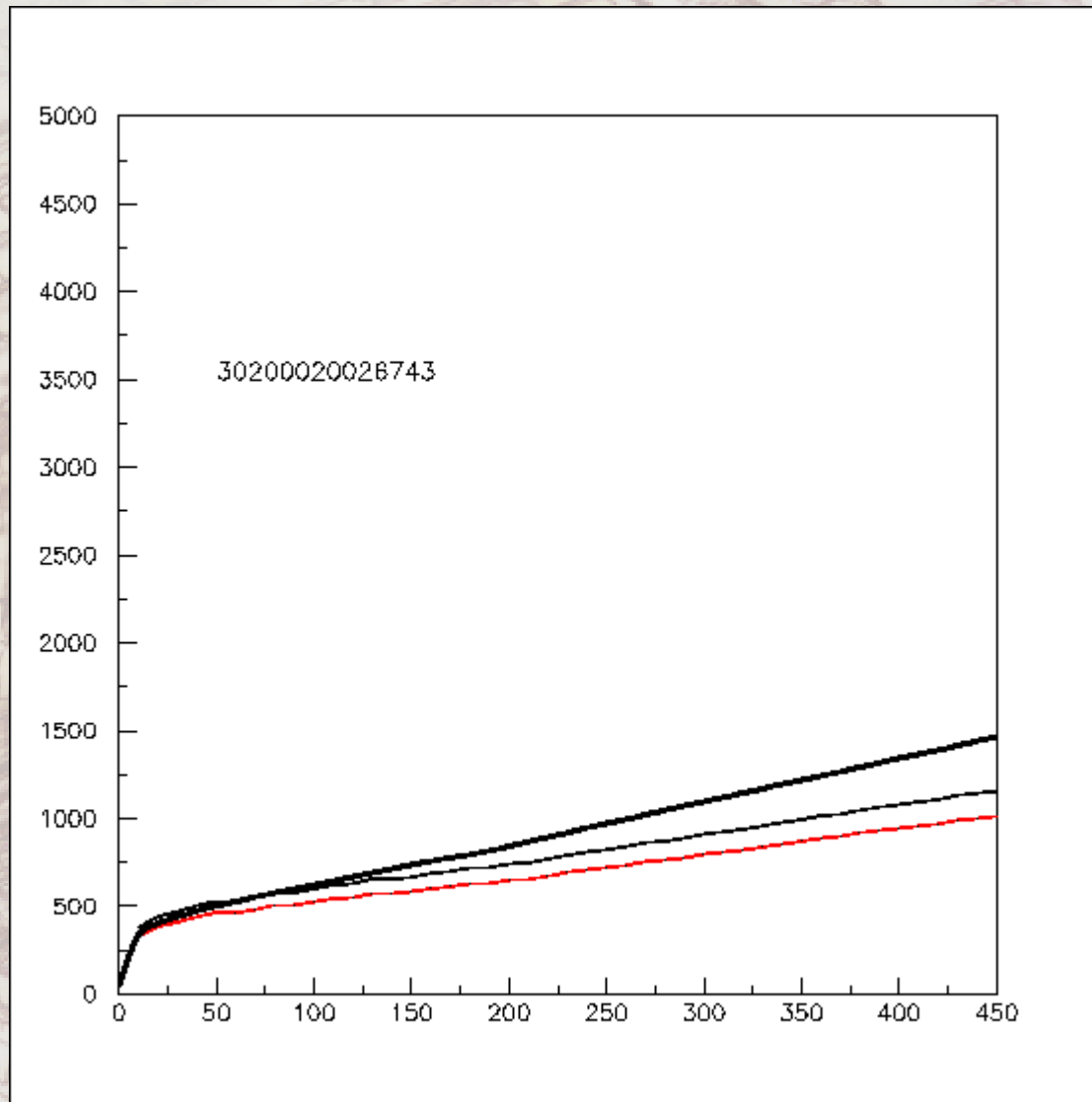


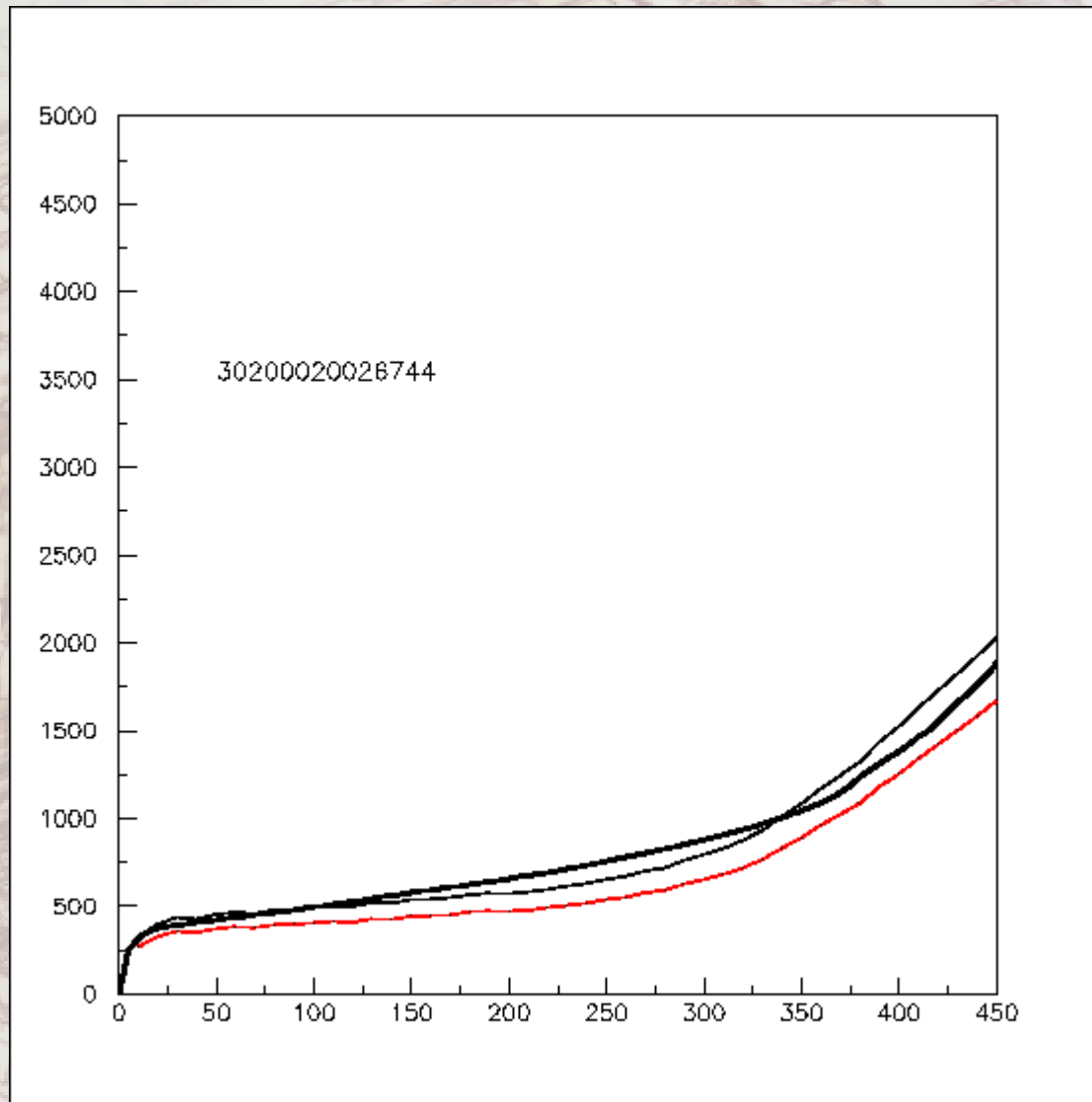


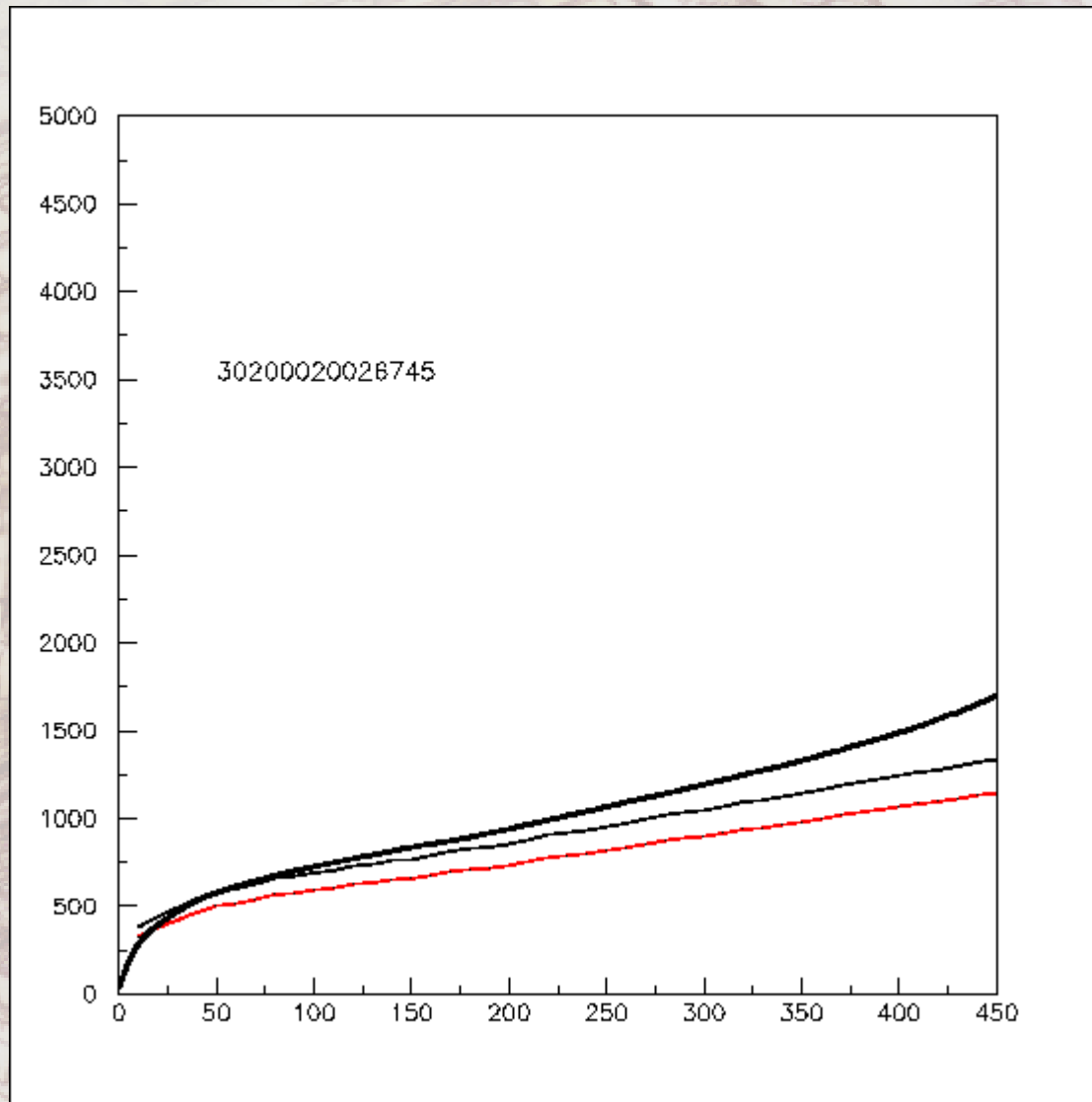


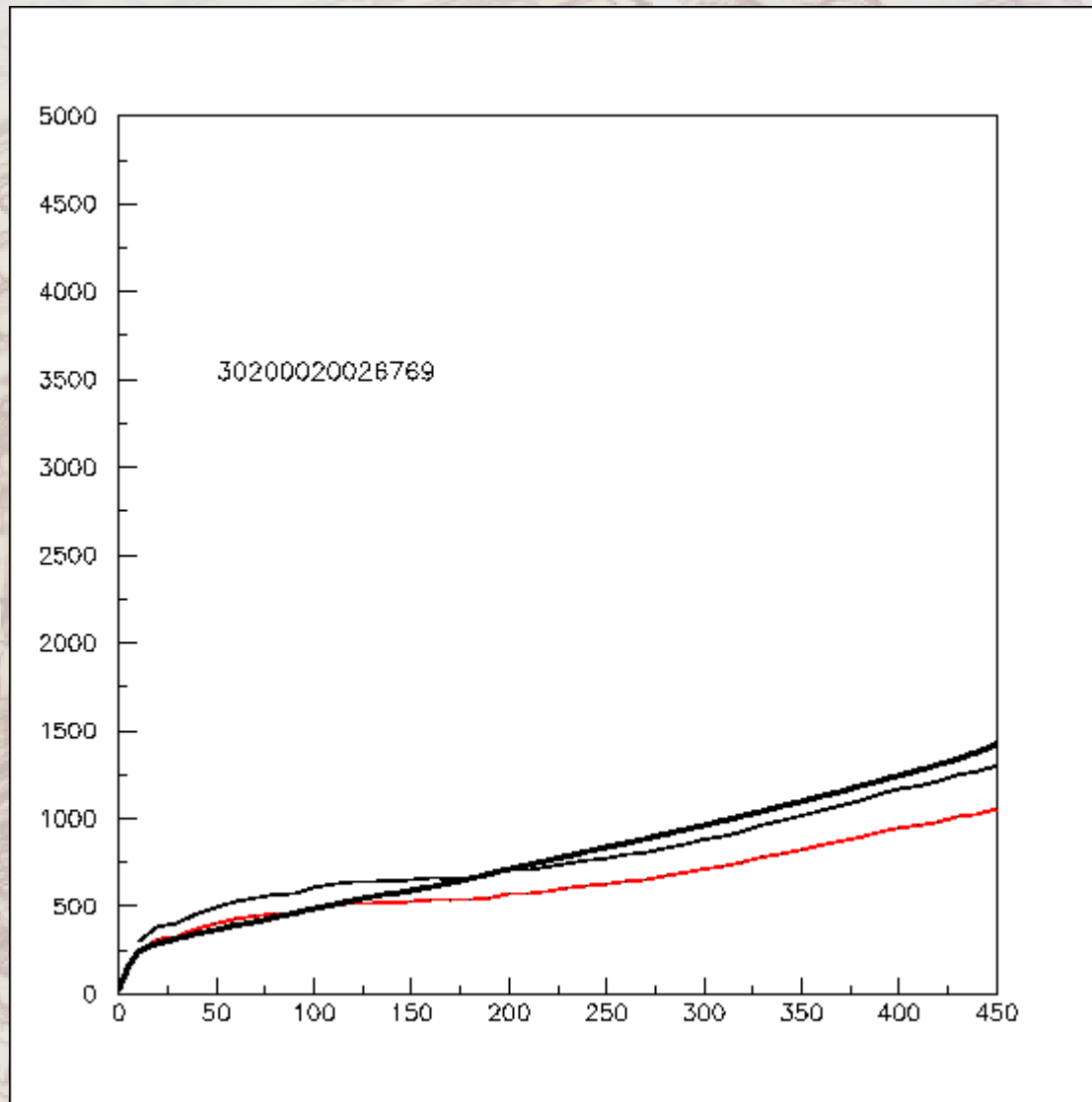


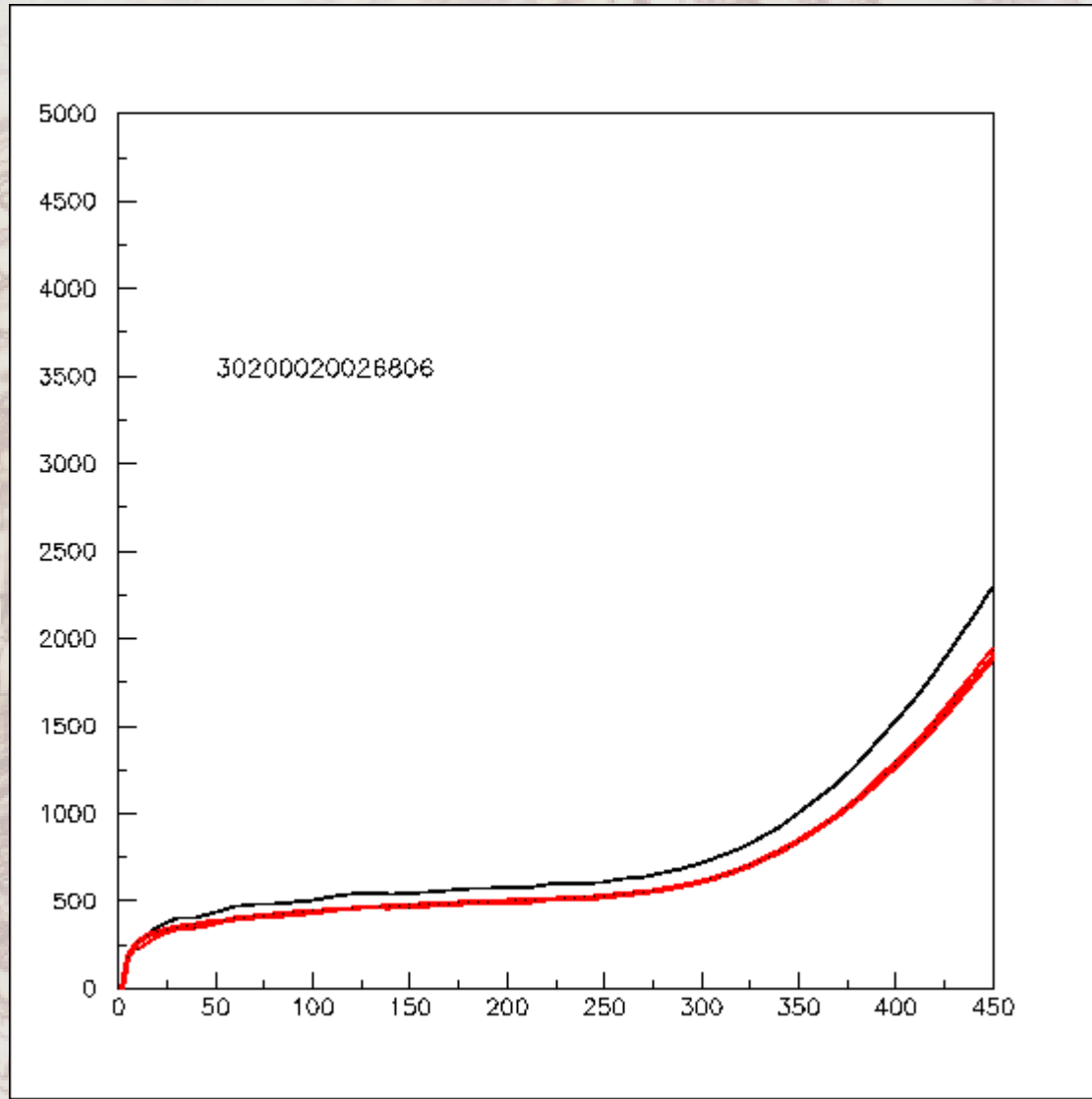


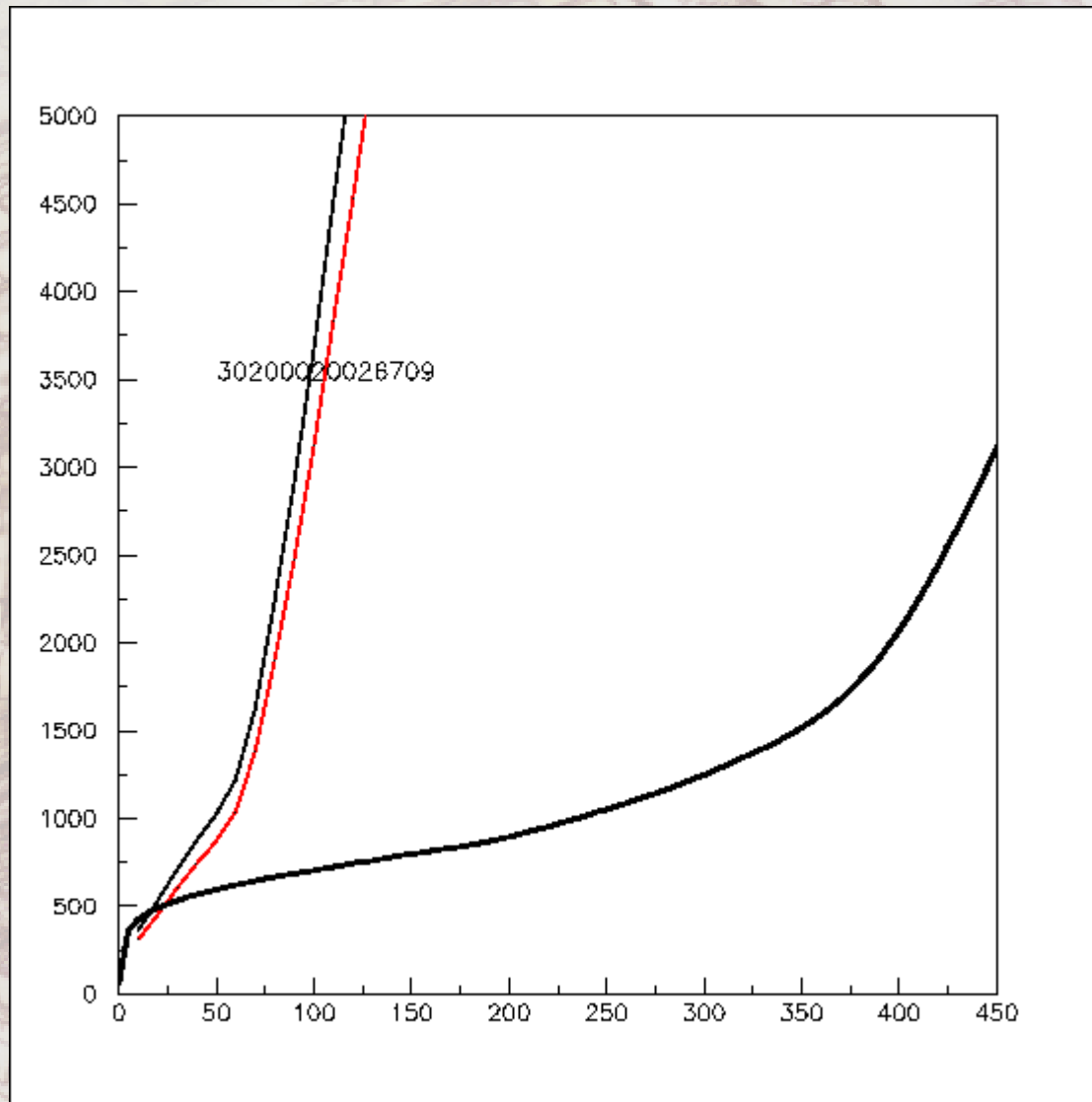






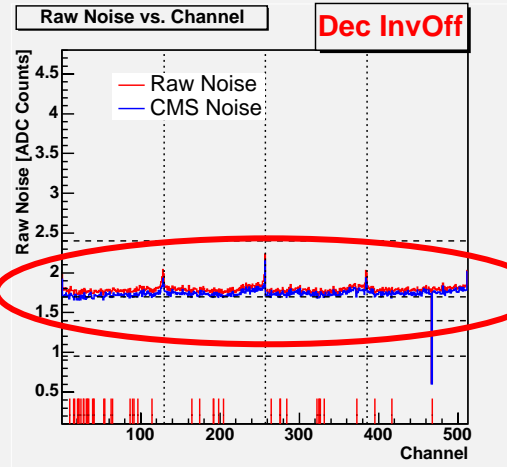
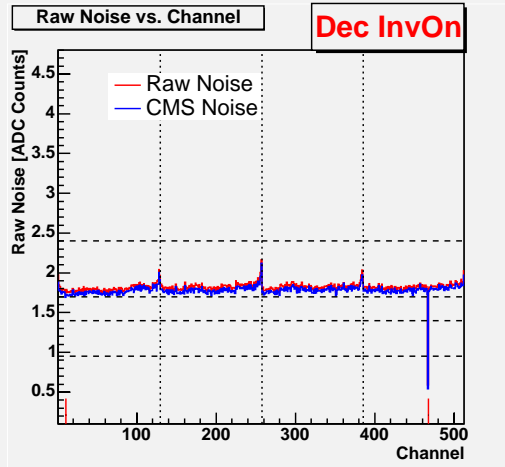
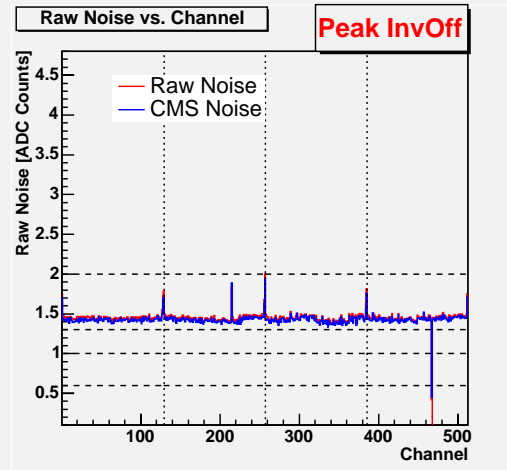
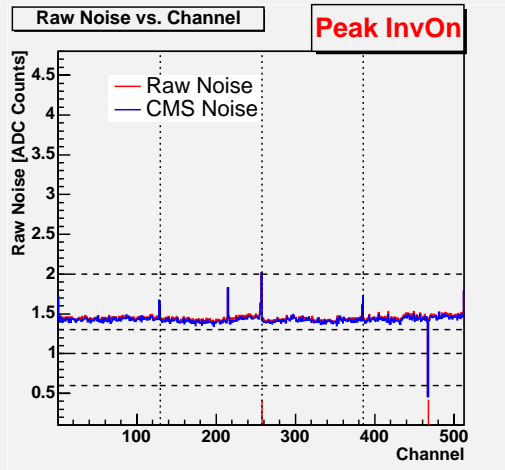






arcs_macro_6_1.cc with TOB.dat... Noise

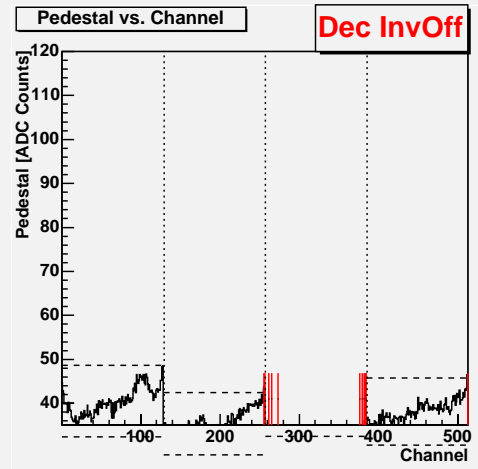
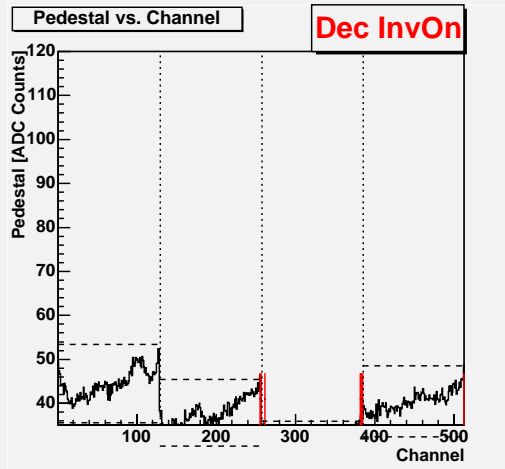
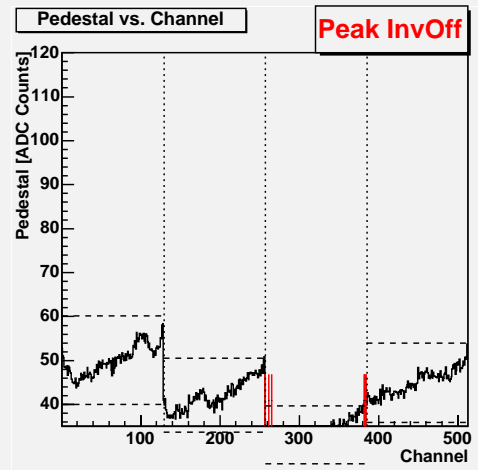
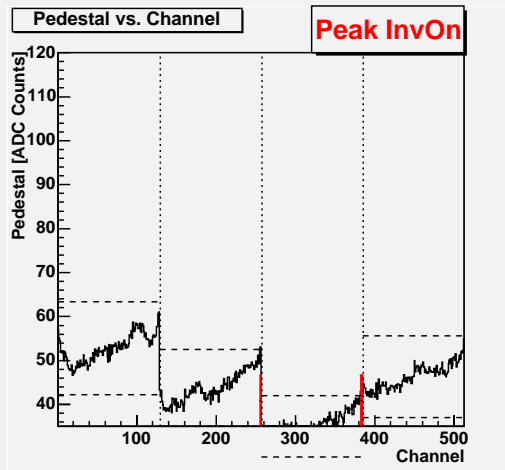
30200020026707; Record1; 2004-04-16 16:22:30



Cuts are not yet correctly defined for R7

arcs_macro_6_1.cc with TOB.dat... Ped

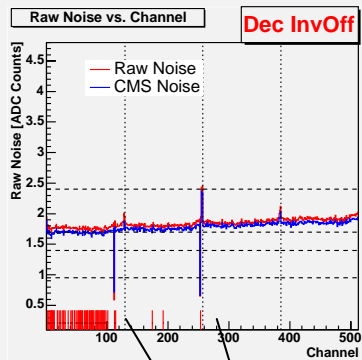
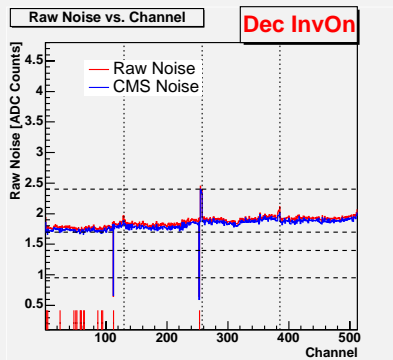
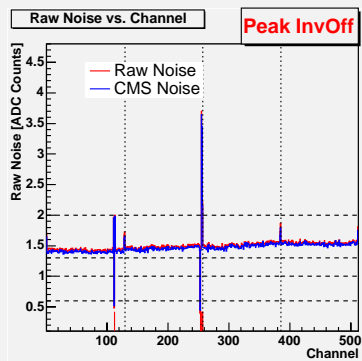
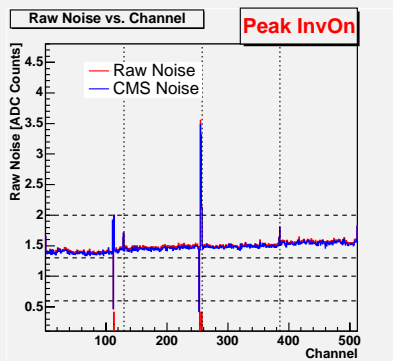
30200020026707; Record1; 2004-04-16 16:22:30



Need to redefine plot limits and cuts

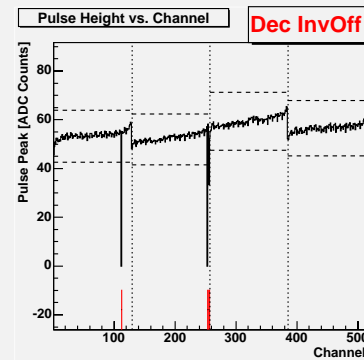
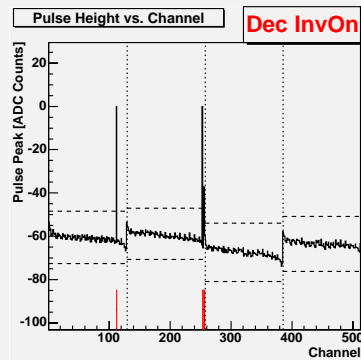
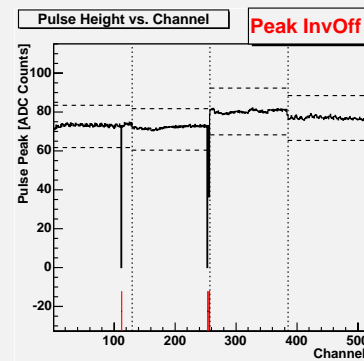
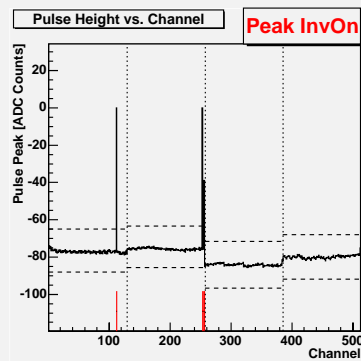
arcs_macro_6_1.cc with TOB.dat ... 709 (IV)

30200020026709; Record1; 2004-04-16 14:19:33



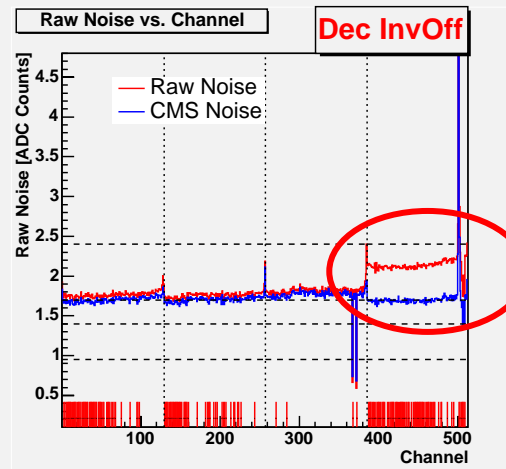
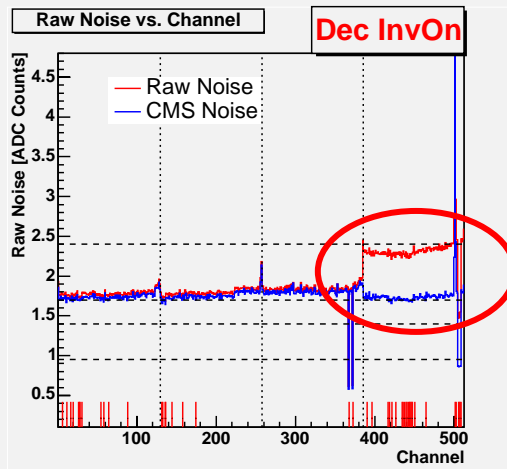
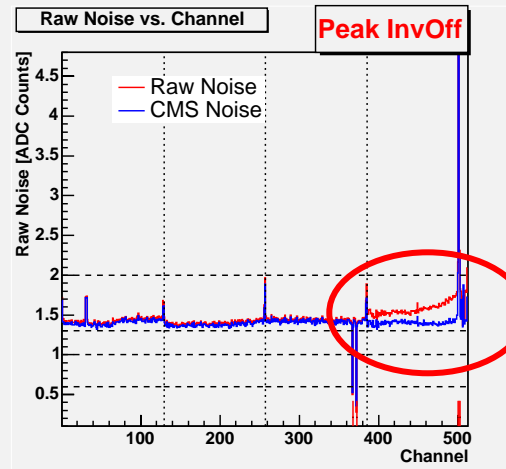
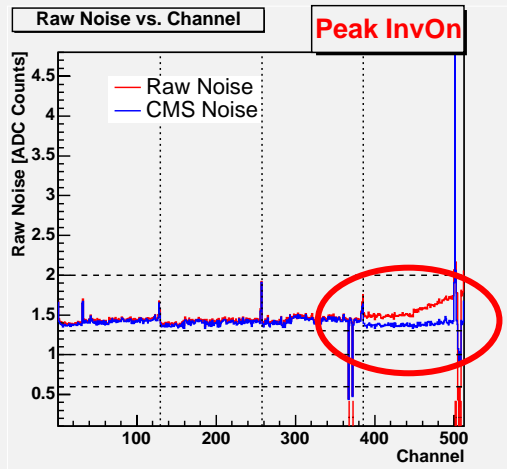
Pinholes

30200020026709; Record1; 2004-04-16 14:19:33



arcs_macro_6_1.cc with TOB.dat... CMN

30200020026744; Record1; 2004-04-15 17:45:59



Production goes on...

- some more results and summary...

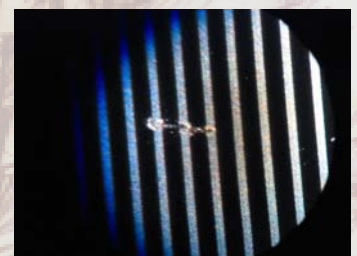
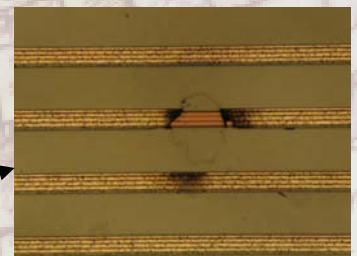
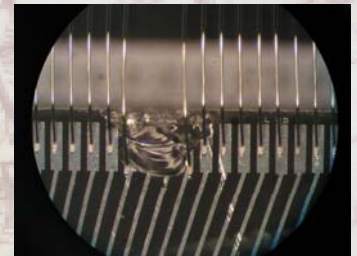
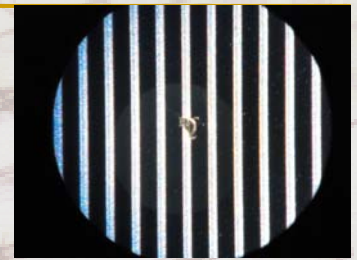
Pilot Run : Ring 7 (october 2003)

18 modules recieved from Lyon gantry

2 with bad IV curves

LED results pinhole (DB) short-open (DB)

30200020000275	391-392-397-398	391-392-397-398	391-392-397-398
30200020000278	396-439	396-439	396-439
30200020000277	-		20-21-131
30200020000278	-		18
30200020000279	236-503	503	50
30200020000280	468		51-354-468
30200020000282	-		
30200020000283	-		328
30200020000284	387-445	387	387-445-446
30200020000285	442-443		149-150-151-264
30200020000286	241-242		63-241-242
30200020000287	332-459	332-459	332-450-459
30200020000288	59		188-189-485-486
30200020000289	4		4
30200020000290	52-430-445	52-328-430-445	52-430-445
30200020000292	204-205-288	288-508	90-229-288
	from 495 to 512		



Production Run : Ring 7 (april 2004)

32 modules received from Lyon gantry

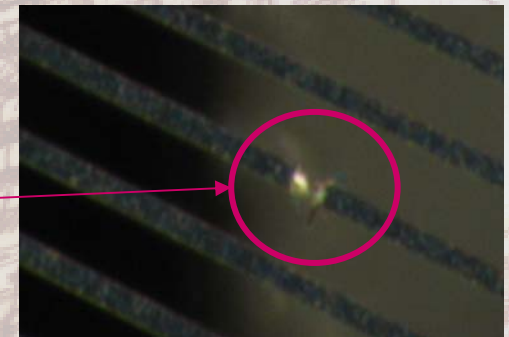
1 with glue excess on bonding pads

11 with vacuum problem on the bonding jig (in investigation)

19 bonded and tested (2 with bad IV curves)

LED results pinhole (DB) short-open (DB)

30200020026707	215-467	467	267
30200020026708	92-386	92-386	92-386
30200020026719	-		
30200020026720	-		
30200020026722	57-281-479	281	281
30200020026723	240-244	240-244	240-244
30200020026726	-		
30200020026729	386-387-396	1-386-387-396	371- 386-387-396
30200020026732	-		



LED results pinhole (DB) short-open (DB)

30200020026733	-		103-241-305-306
30200020026741	218-219-221		217-218-219-220-221
30200020026743	23-76	76	22-23-74-75-76
30200020026744	367-372 from 505 to 508	95-367-372	367-372
30200020026745	-		
30200020026767	511		
30200020026769	290	290	290
30200020026806	353	353	353

