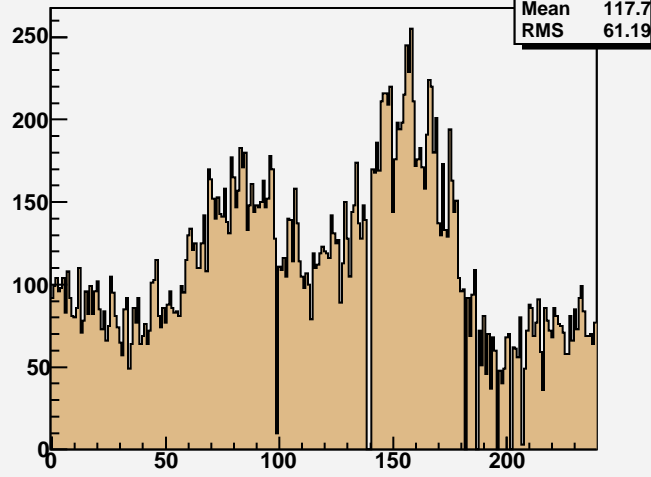
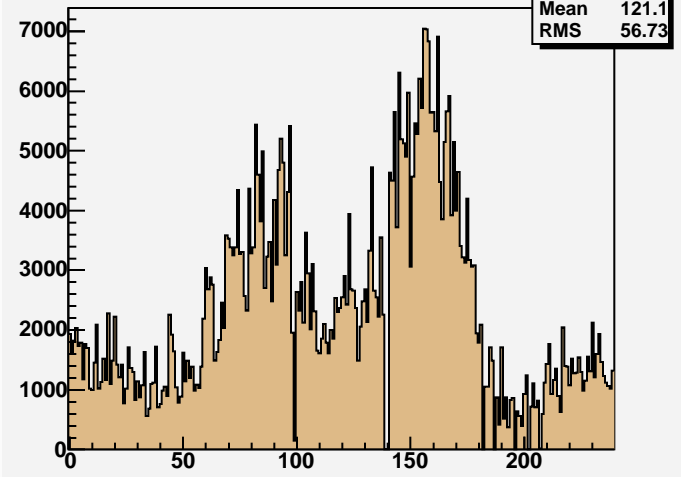


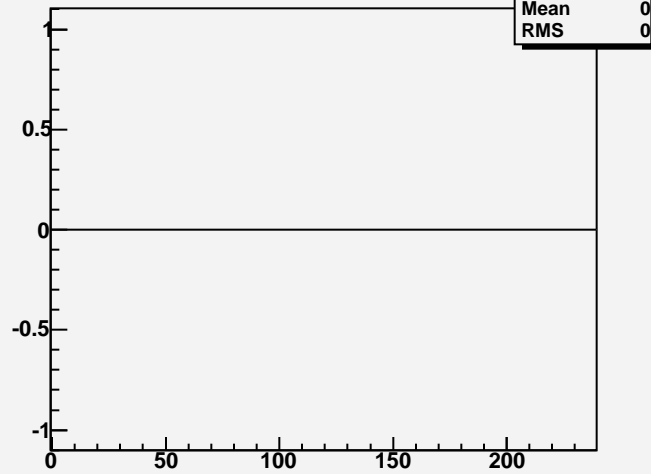
CTB Hits (ADC > 0)



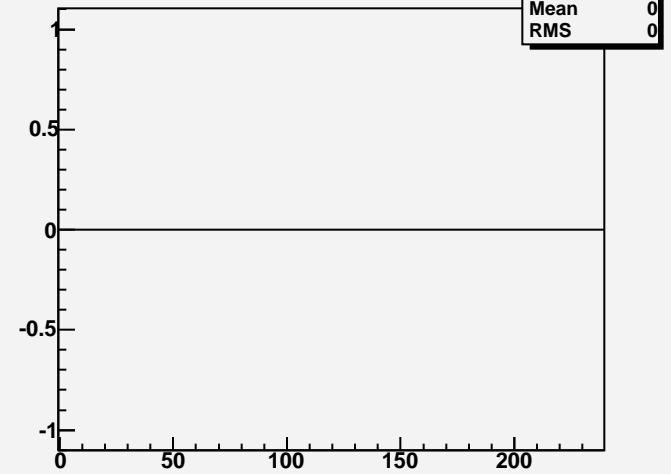
CTB ADC sum per channel



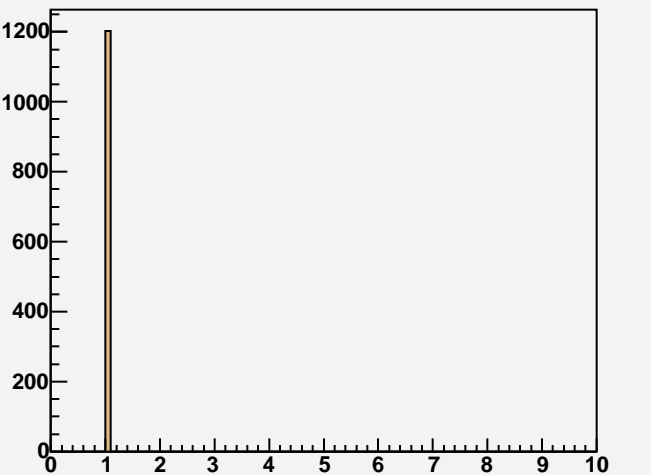
CTB His (ADC>0) Topo bit set



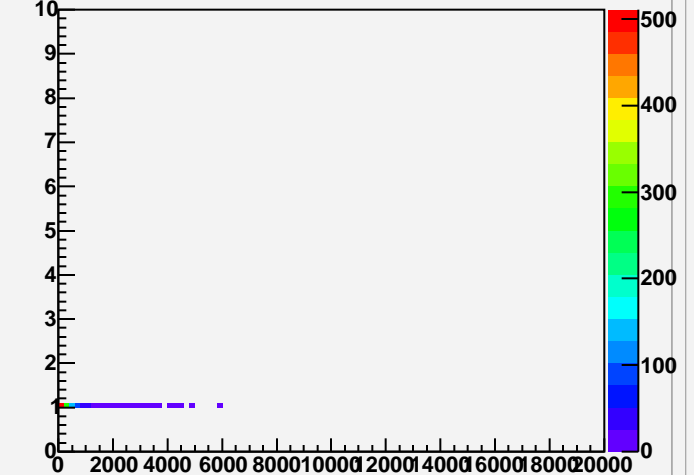
CTB ADC sum per channel Topo bit set



LastDSM[3] divided by CTBCh

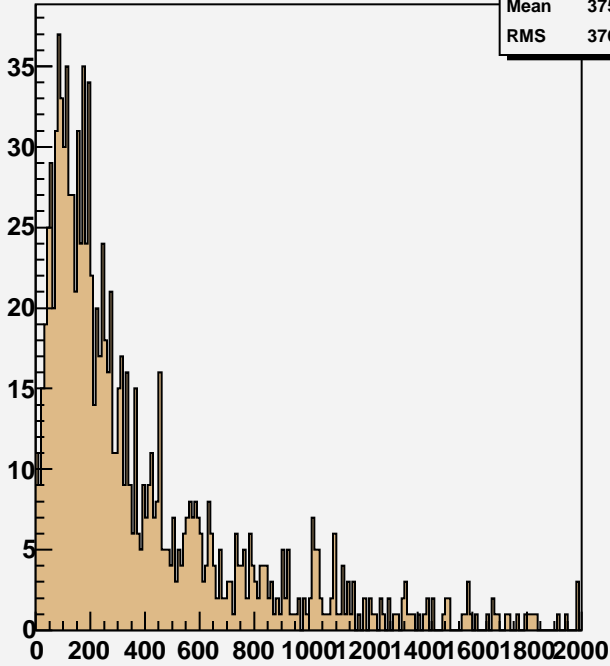


LastDSM[3] divided by CTBCh vs CTBCh



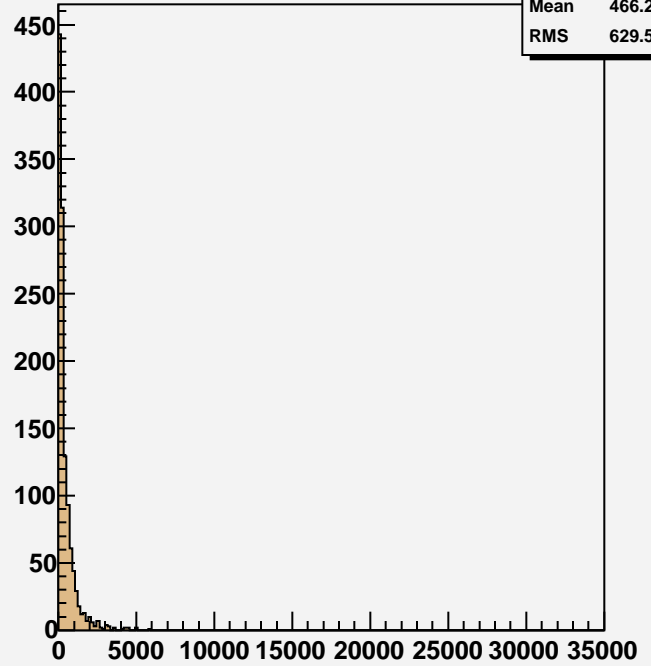
CTB ADC Sum - Low Range

h4_ctb_charge_low
Entries 1209
Mean 375.8
RMS 376.5



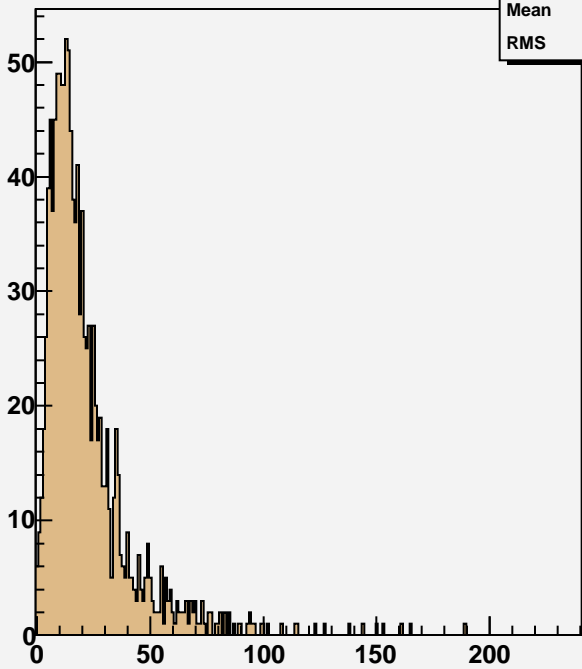
CTB ADC Sum - High Range

h115_ctb_charge_high
Entries 1209
Mean 466.2
RMS 629.5



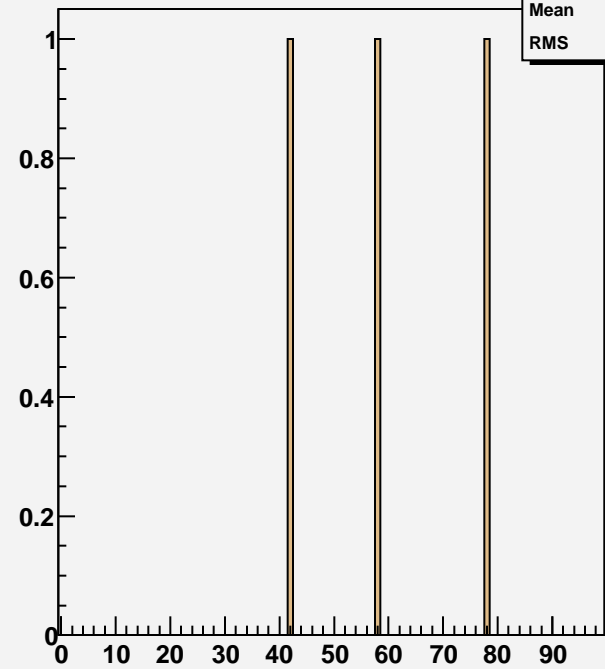
CTB Hits (ADC >0) per Event

h114_ctb_hits_per_event
Entries 1209
Mean 22.18
RMS 20.76



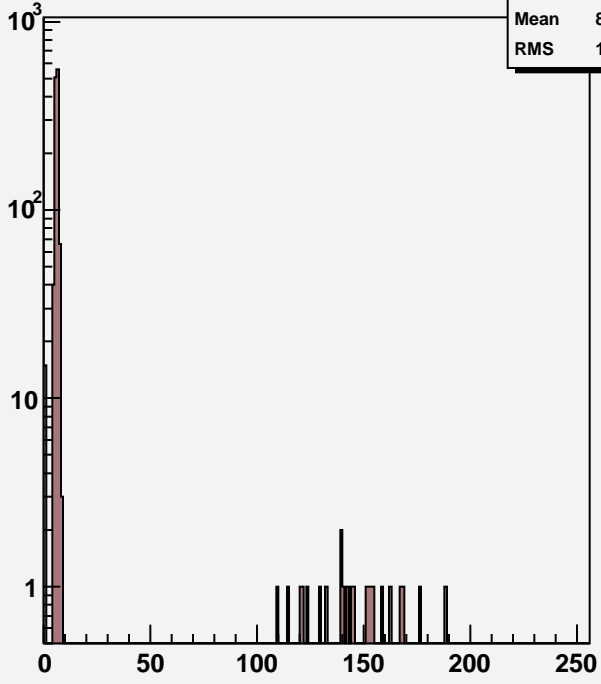
CTB ADC Sum - UPC bit set

h55_ctb_charge_upc
Entries 32
Mean 59.33
RMS 14.73



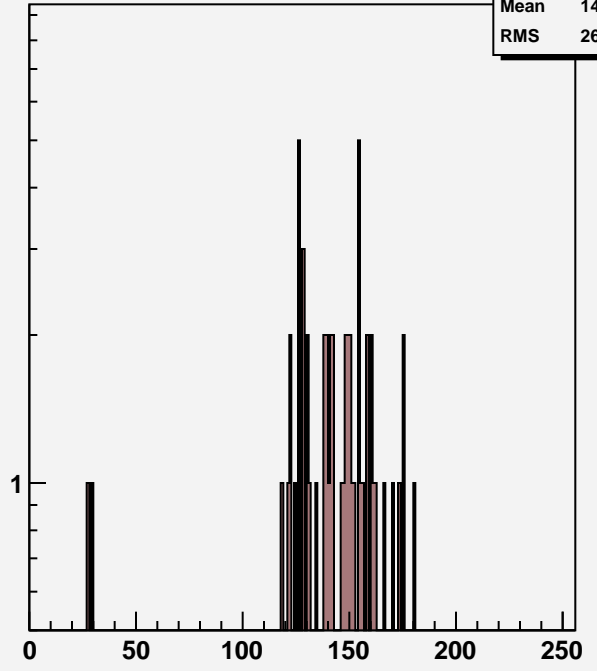
ZDC Time East

h147_zdc_time_east
Entries 1209
Mean 8.138
RMS 19.22



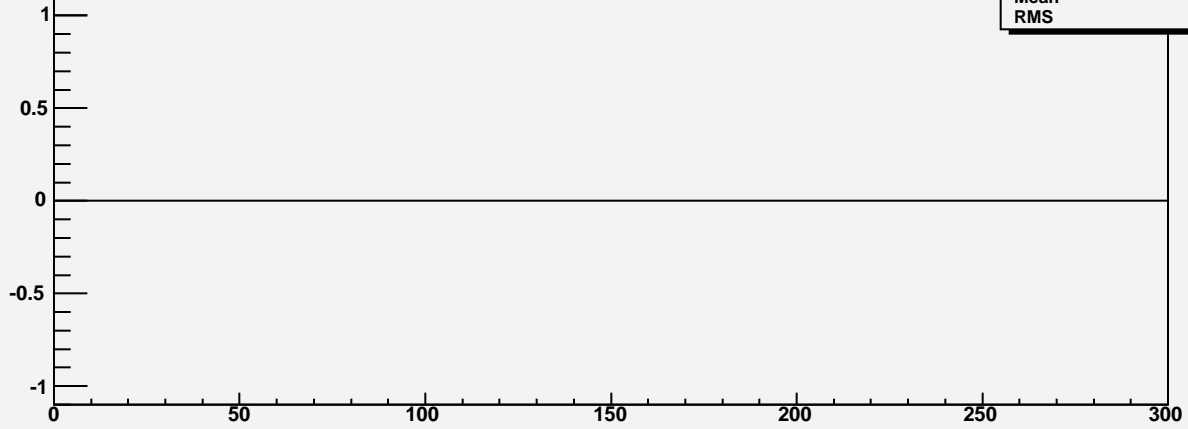
ZDC Time West (Cuts)

h148_zdc_time_west
Entries 57
Mean 140.9
RMS 26.47



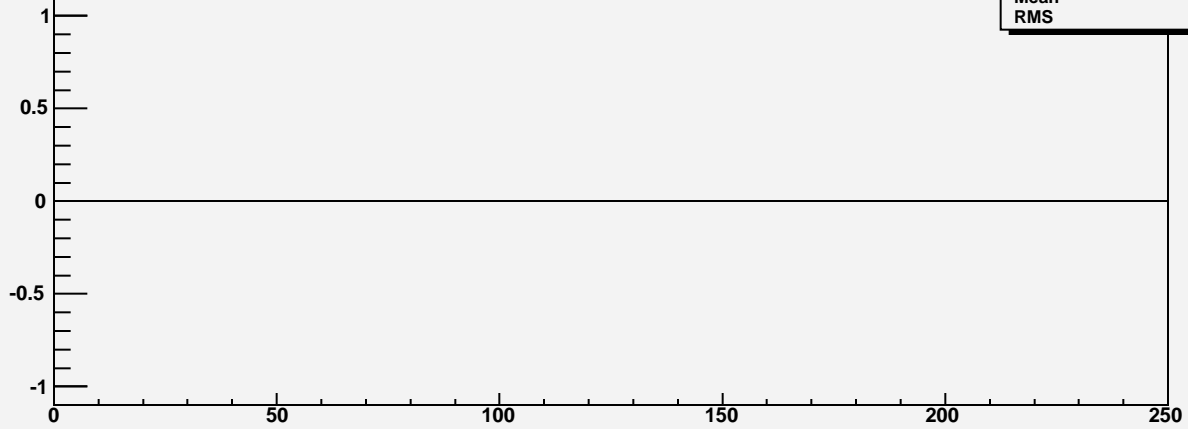
ZDC Unattenuated West (Channel 0)

h93_zdc_unatt_west	
Entries	0
Mean	0
RMS	0



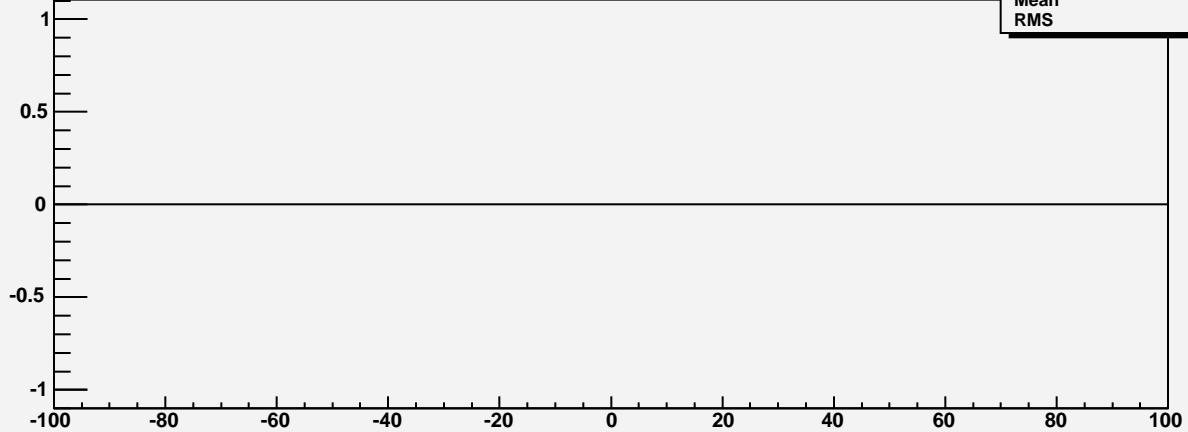
ZDC Unattenuated East (Channel 4)

h92_zdc_unatt_east	
Entries	0
Mean	0
RMS	0



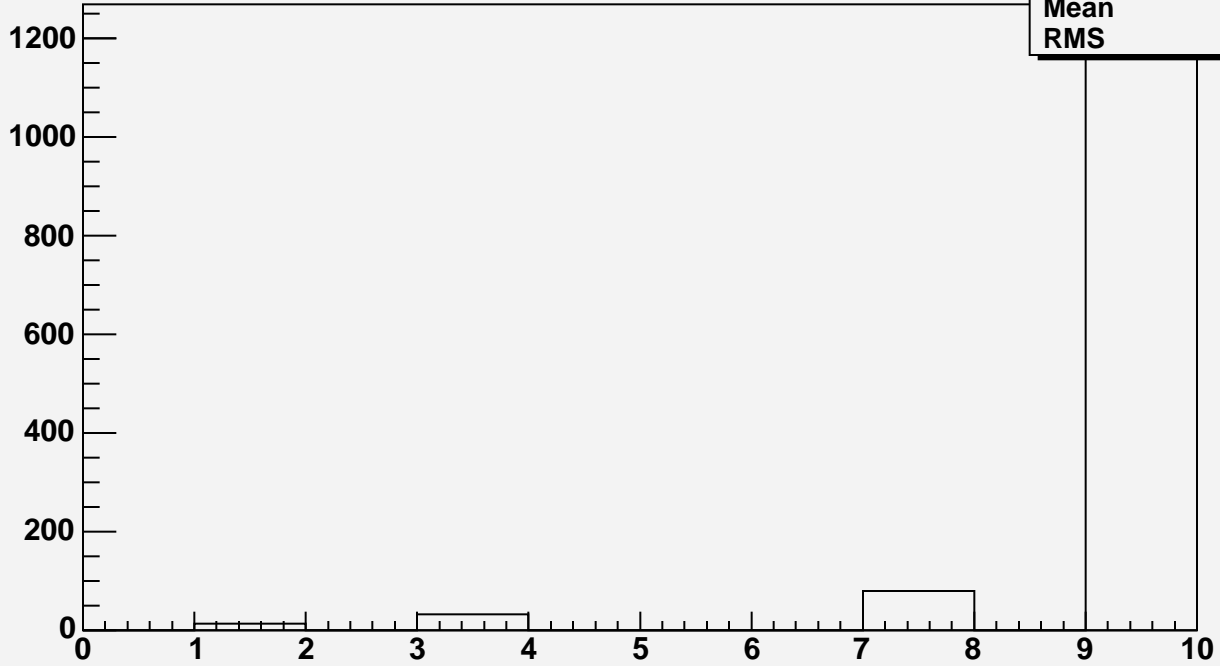
ZDC Analog-0.6(East+West)

h117_zdc_analog_minus_sum	
Entries	0
Mean	0
RMS	0



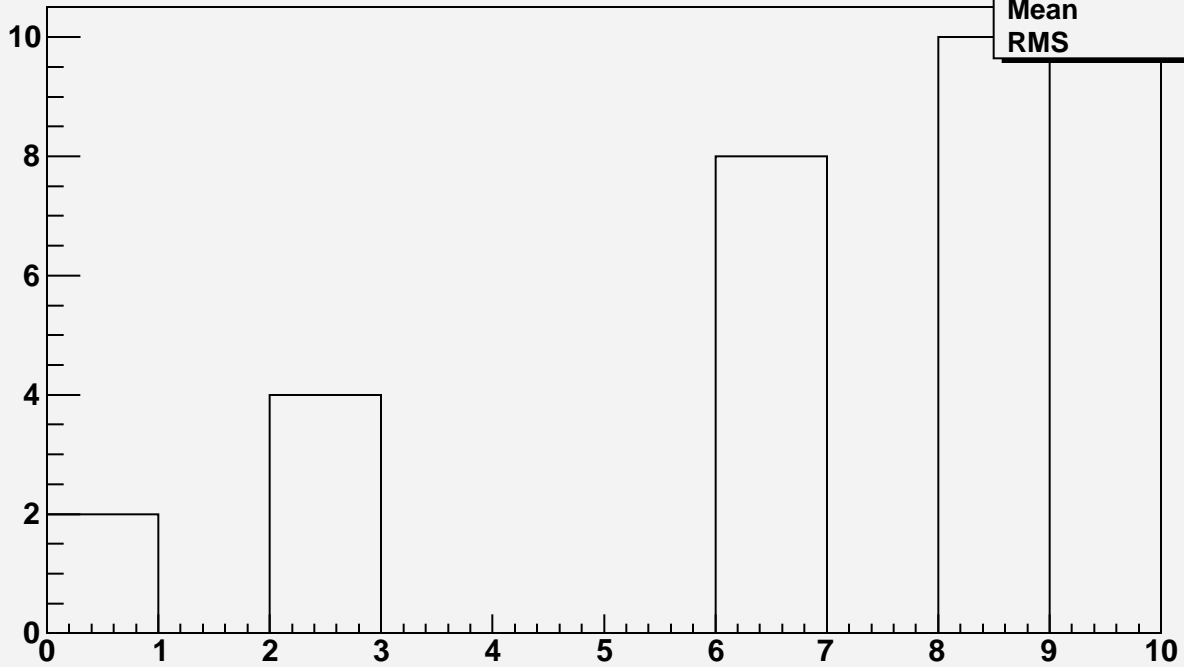
TriggerId

h297_trgwd	
Entries	1333
Mean	8.659
RMS	1.269



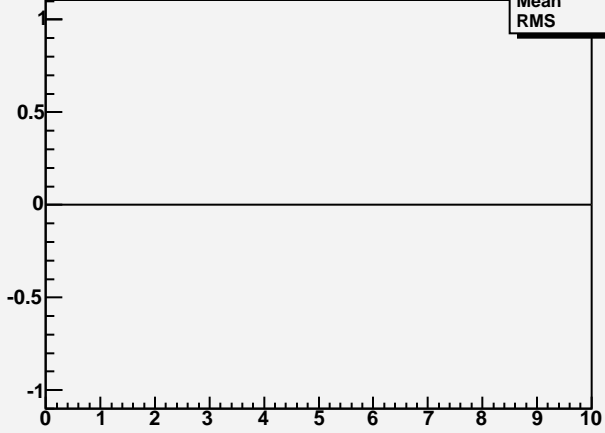
TriggerId Name

h308_trgwdname	
Entries	4
Mean	6.167
RMS	2.687



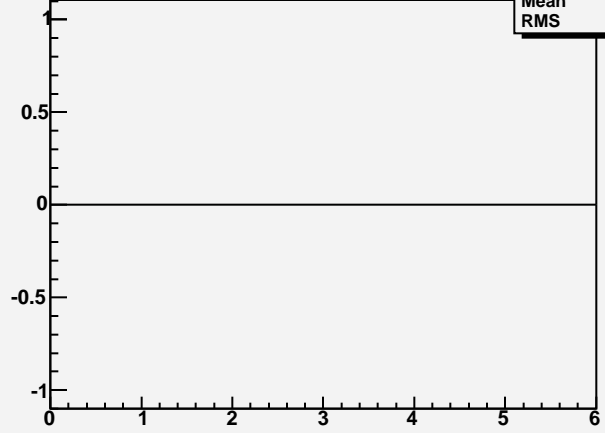
Log of TPC Buffer Size

h2_tpc
Entries 1209
Mean 0
RMS 0



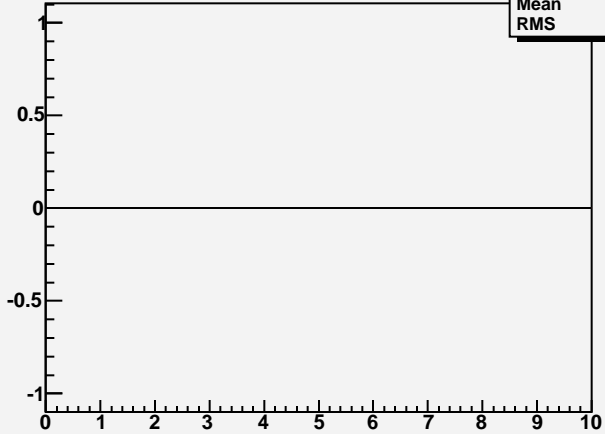
log of BEMC Buffer Size

h10_bemc_evsize
Entries 0
Mean 0
RMS 0



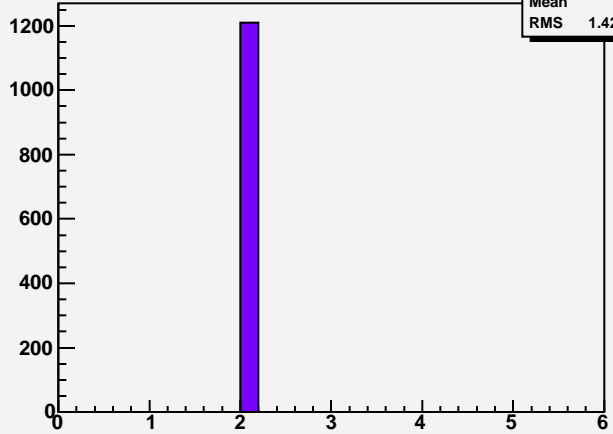
log of FTPC Buffer Size

h11_ftp_evsize
Entries 0
Mean 0
RMS 0



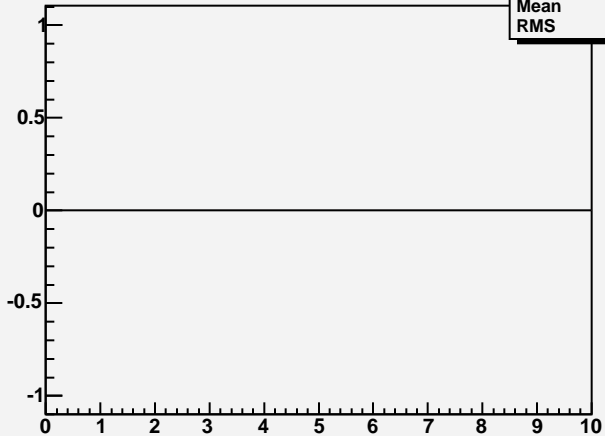
log of L3 Buffer Size

h12_l3_evsize
Entries 1209
Mean 2.004
RMS 1.424e-07



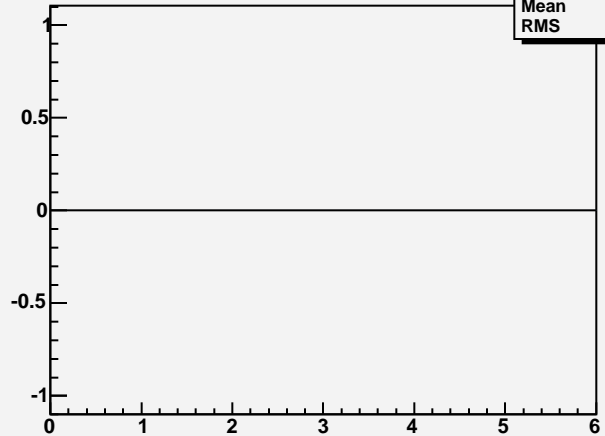
log of SVT Buffer Size

h13_svt_evsize
Entries 0
Mean 0
RMS 0

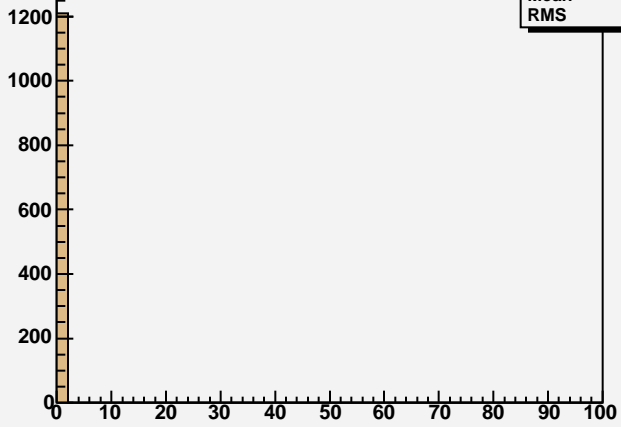


log of TOF Buffer Size

h14_tof_evsize
Entries 0
Mean 0
RMS 0

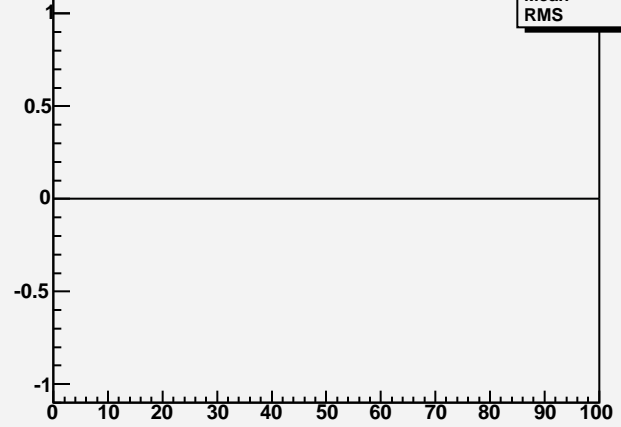


TPC Event Size Fraction (%)



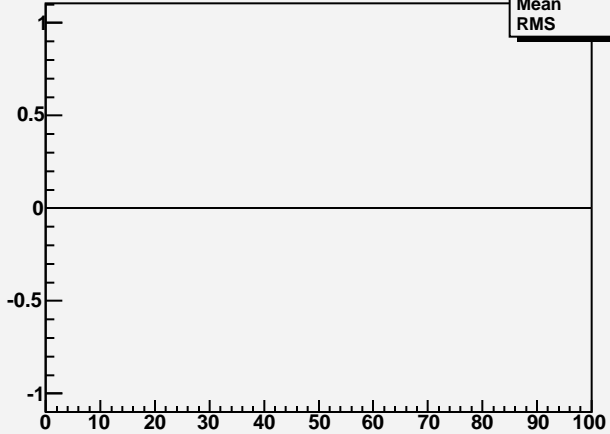
h103_tpc_frac
Entries 1209
Mean 0
RMS 0

BEMC Event Size Fraction (%)



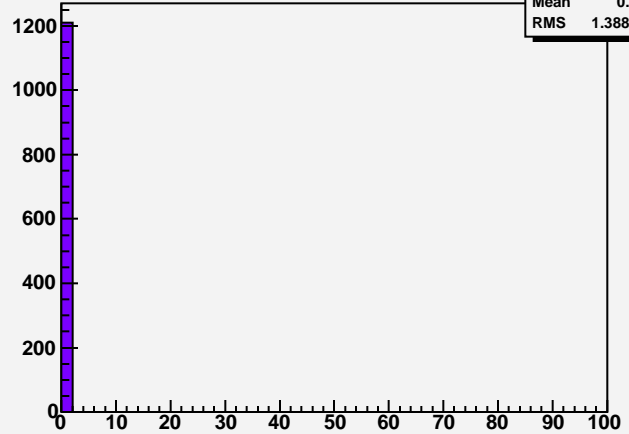
h106_bemc_frac
Entries 0
Mean 0
RMS 0

FTP Event Size Fraction (%)



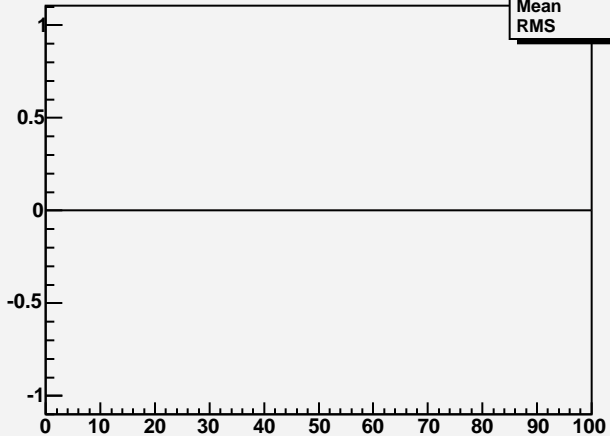
h105_ftp_frac
Entries 0
Mean 0
RMS 0

L3 Event Fraction (%)



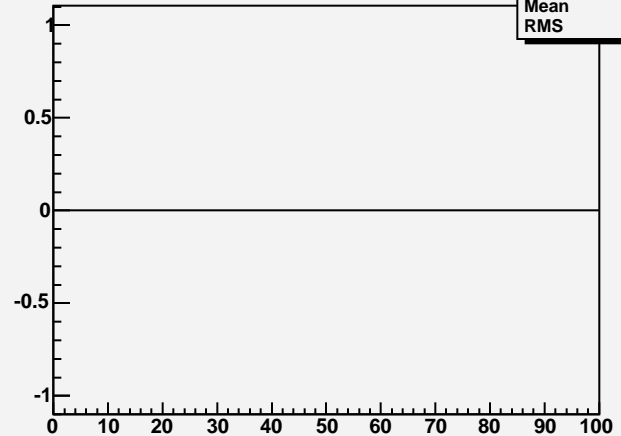
h108_l3_frac
Entries 1209
Mean 0.1122
RMS 1.388e-08

SVT Event Size Fraction (%)



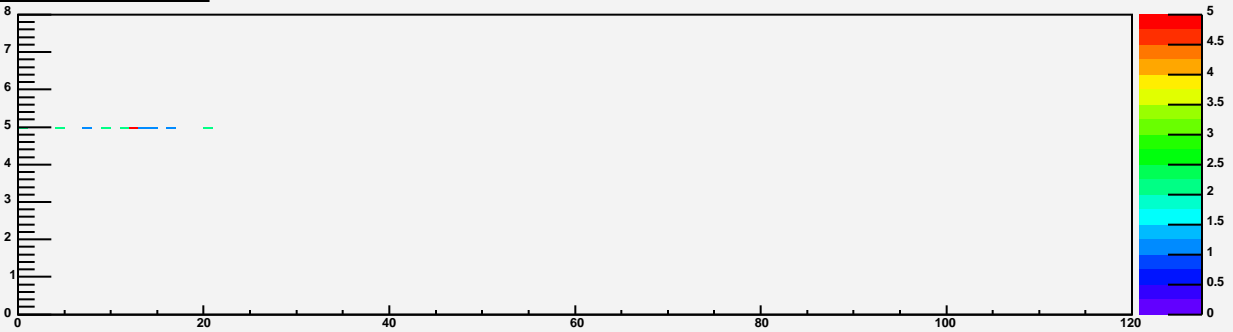
h104_svt_frac
Entries 0
Mean 0
RMS 0

TOFp Event Fraction (%)

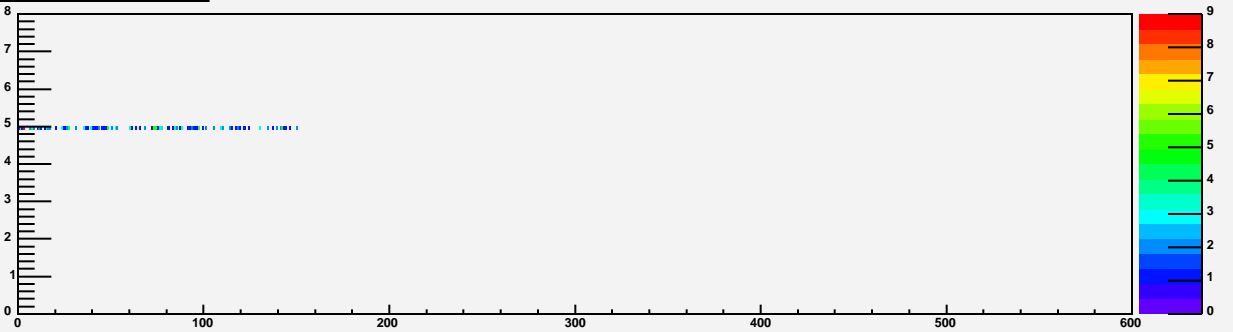


h107_tof_frac
Entries 0
Mean 0
RMS 0

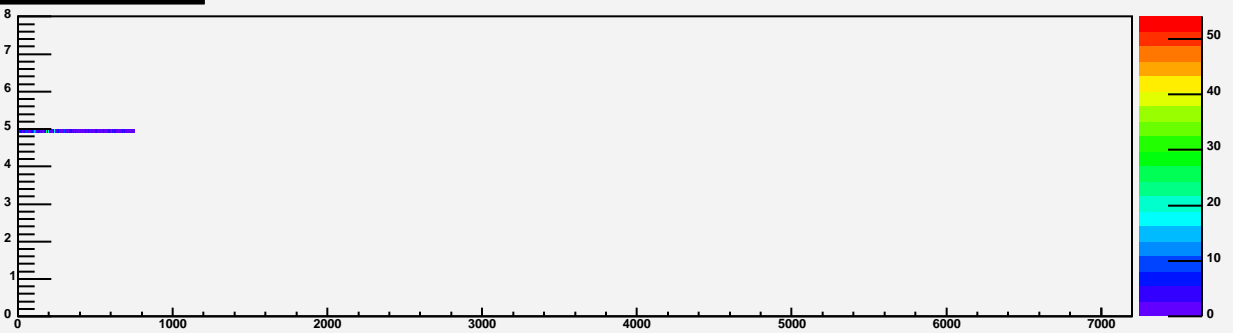
Event Size (Log10) vs time (sec)



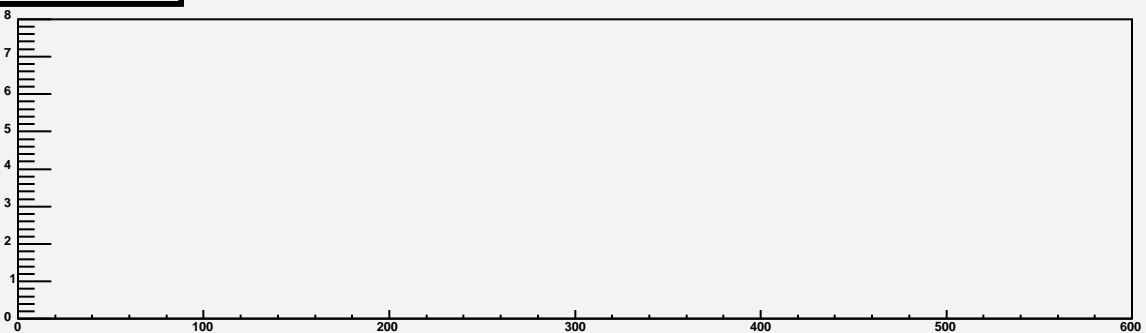
Event Size (Log10) vs time (sec)



Event Size (Log10) vs time(sec)

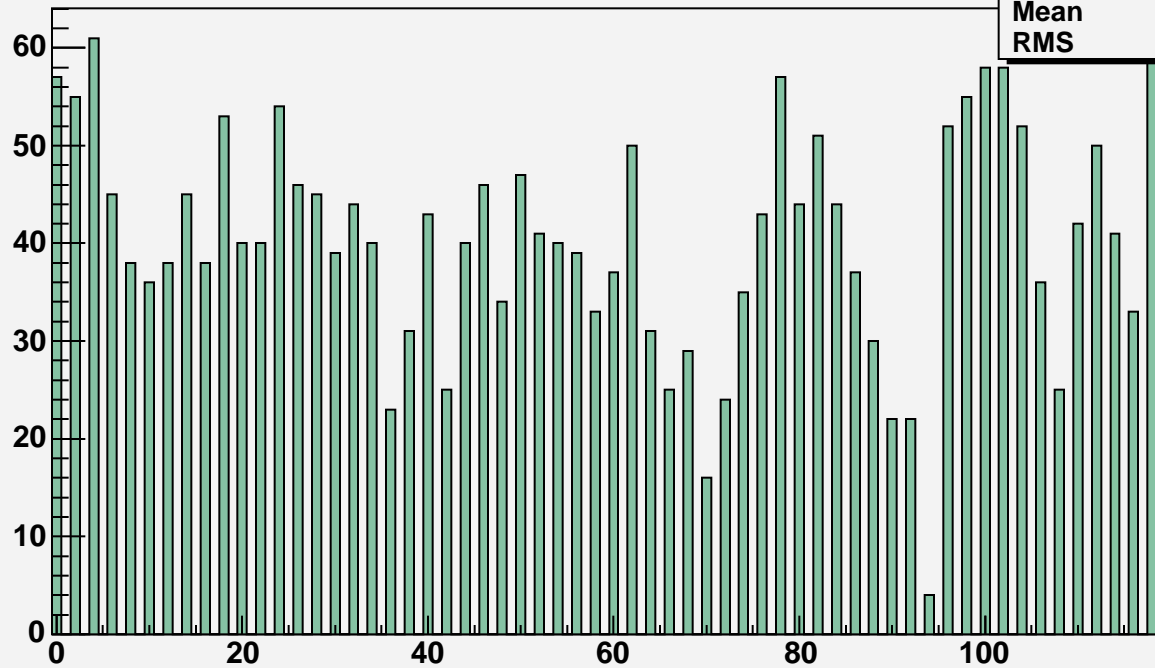


FTPC Event Size vs time(sec)



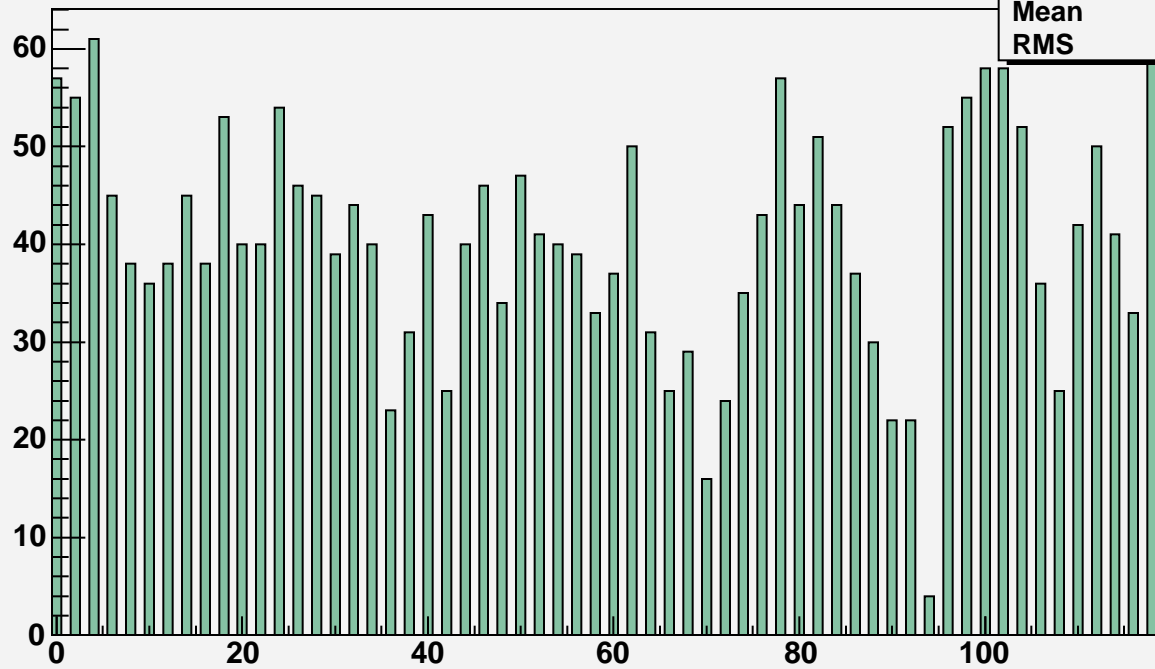
Bunch Crossing Counter

h266_bbc_bunchid	
Entries	2418
Mean	57.78
RMS	36.18

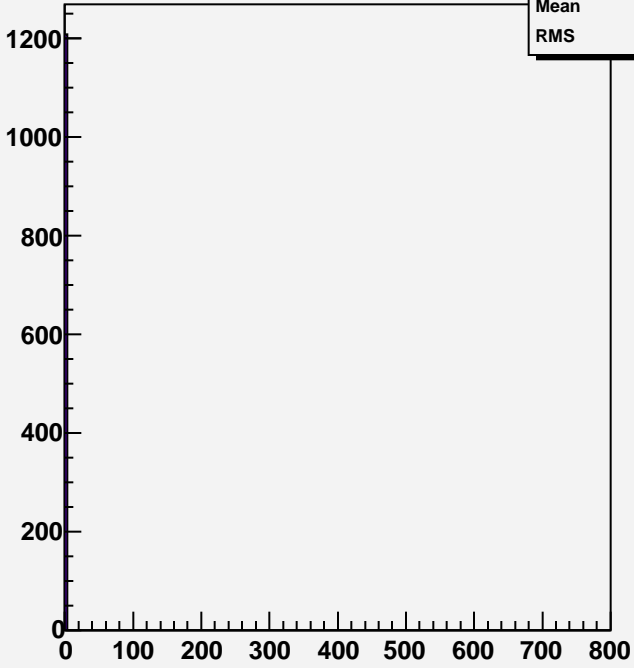


Bunch Crossing Counter

h266_bbc_bunchid	
Entries	2418
Mean	57.78
RMS	36.18

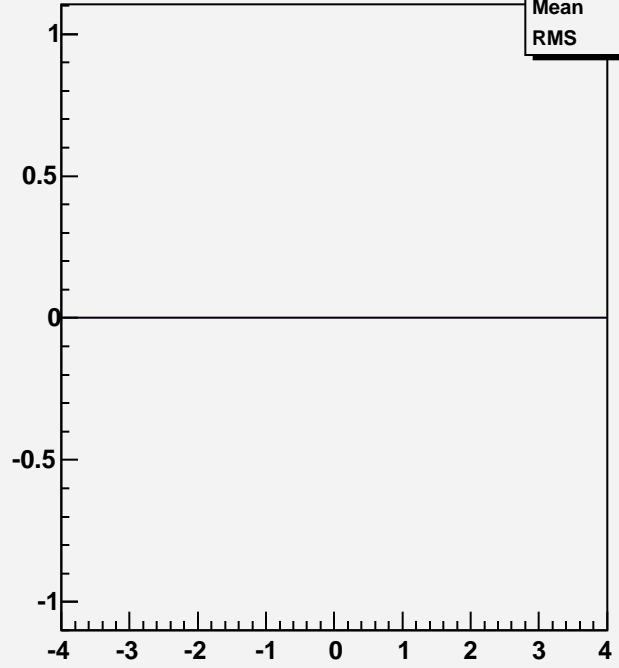


L3 Number of tracks



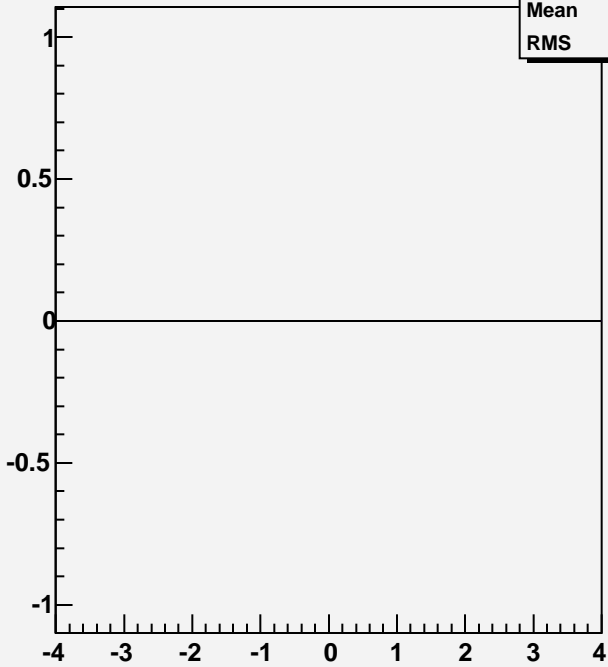
h88_l3_tracks
Entries 1209
Mean 0
RMS 0

L3 X vertex



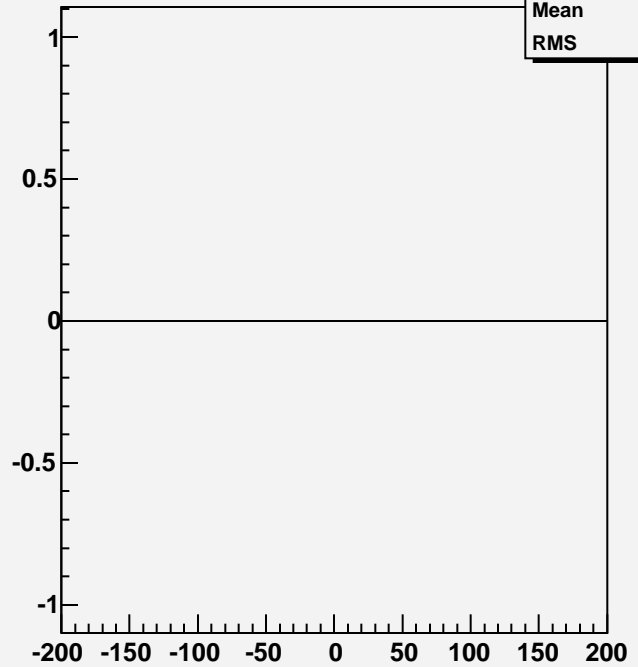
h89_l3_Xvertex
Entries 0
Mean 0
RMS 0

L3 Y vertex



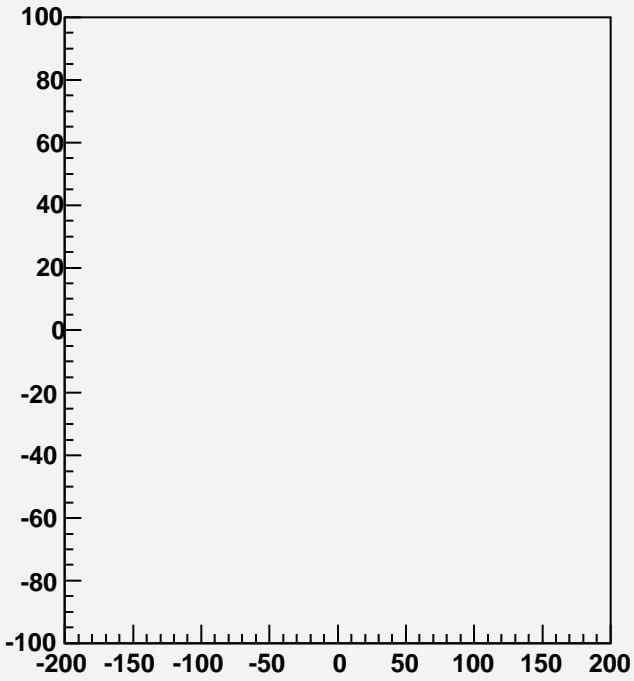
h90_l3_Yvertex
Entries 0
Mean 0
RMS 0

L3 Z vertex

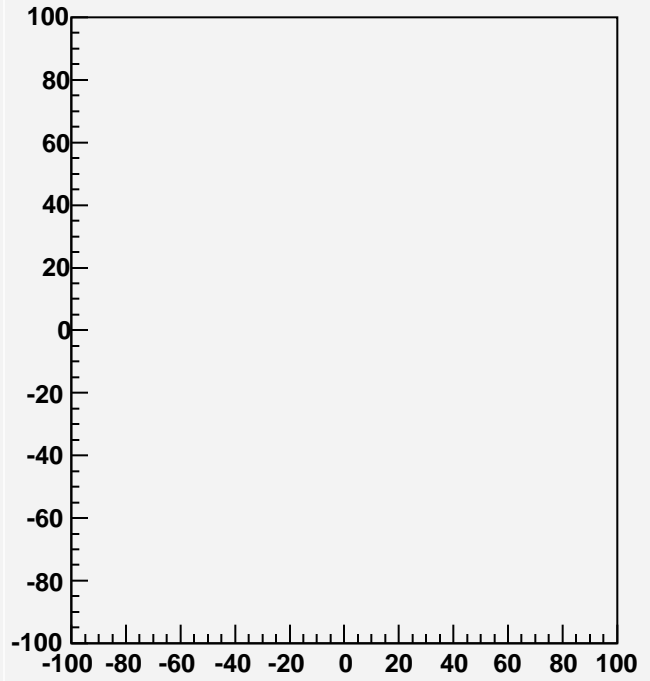


h91_l3_Zvertex
Entries 0
Mean 0
RMS 0

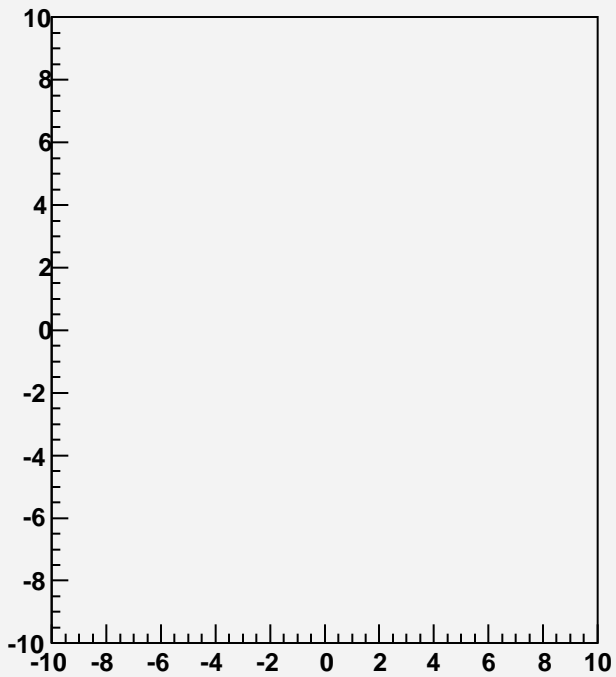
ZDC Vertex vs L3 Vertex

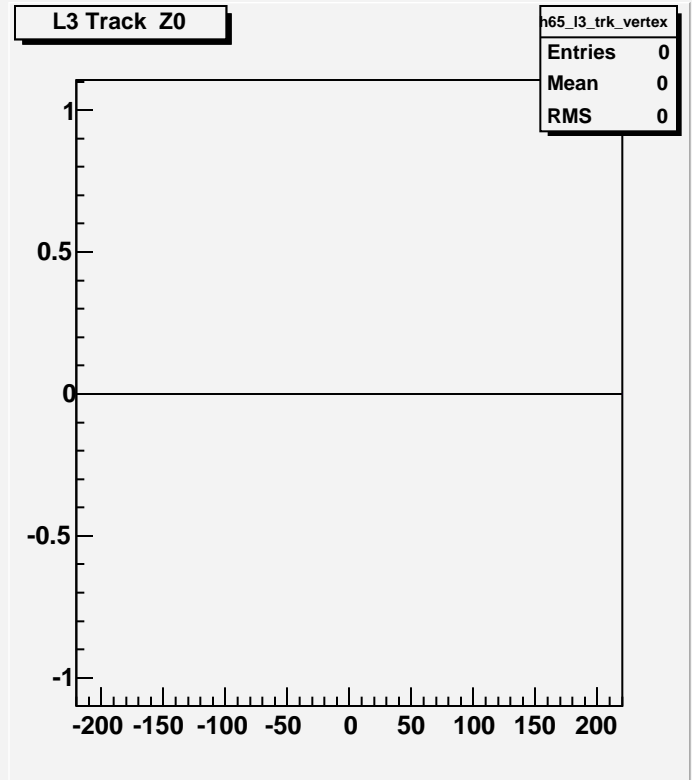
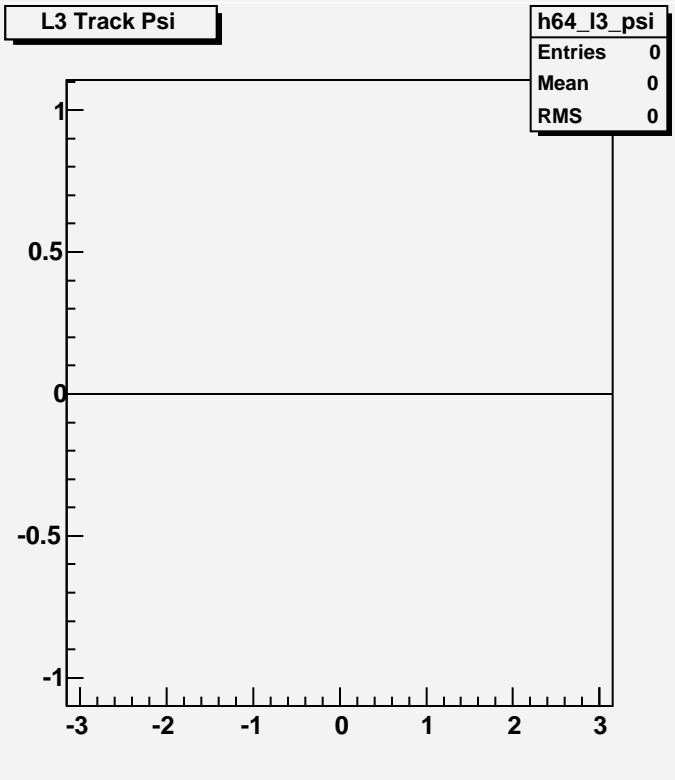
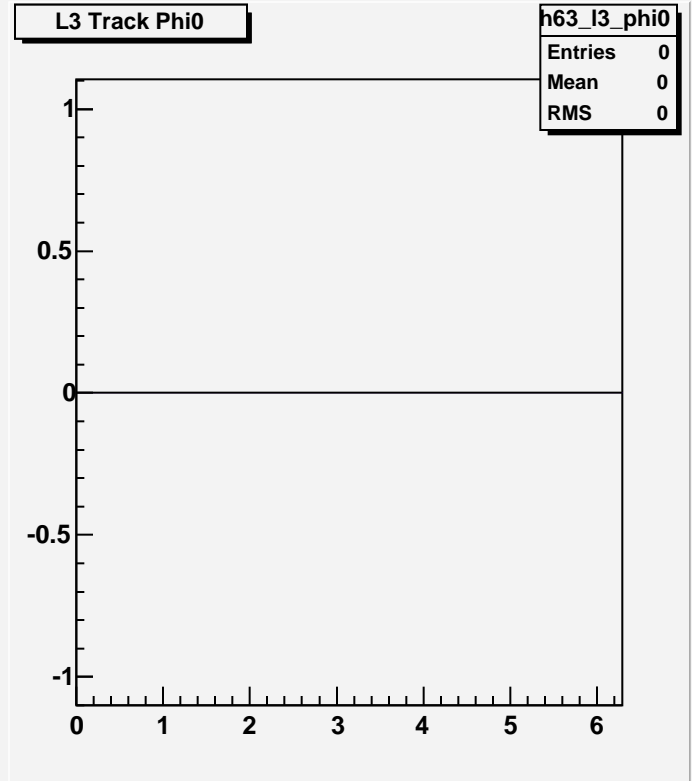
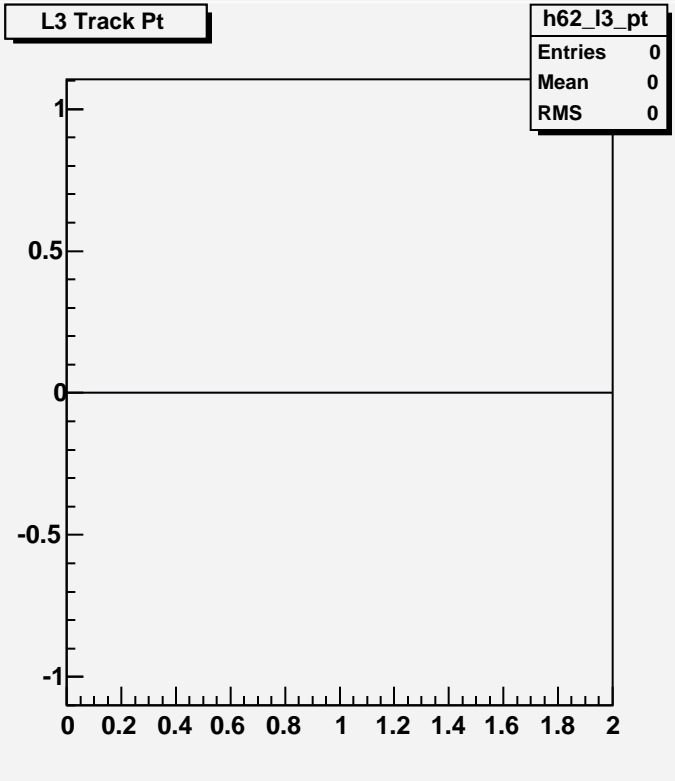


BBC Vertex vs L3 Vertex

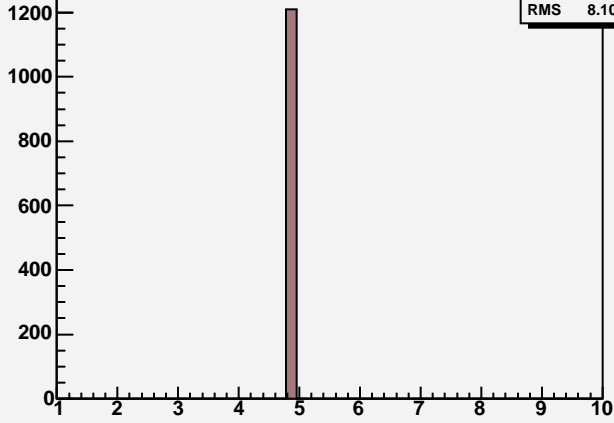


L3 Vertex Y vs X



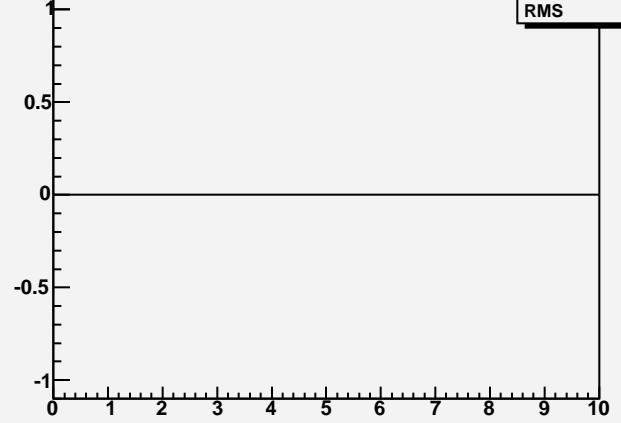


Log of Event Size



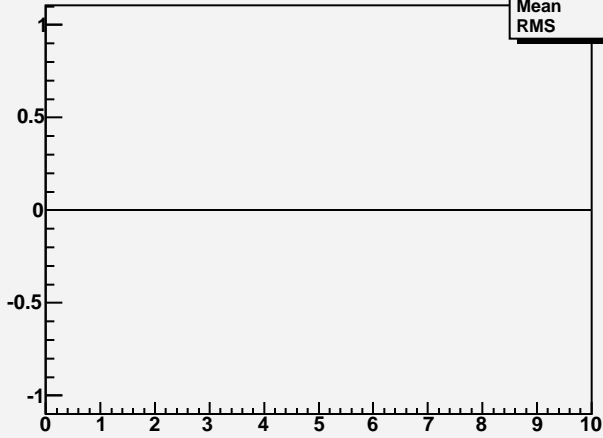
h0 evt_size
Entries 1209
Mean 4.954
RMS 8.104e-07

TPC Occupancy (in %)



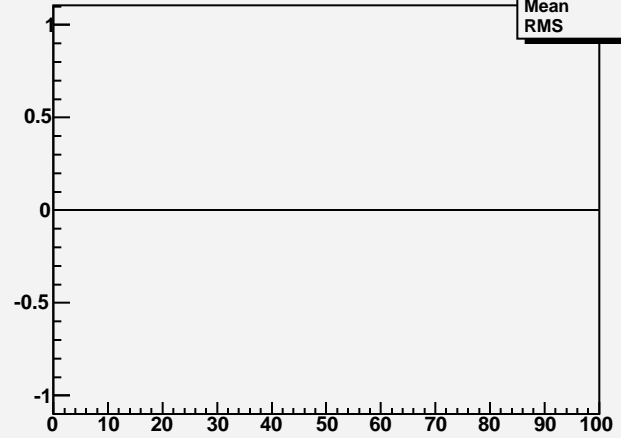
h3_tpc
Entries 0
Mean 0
RMS 0

Log of TPC Buffer Size



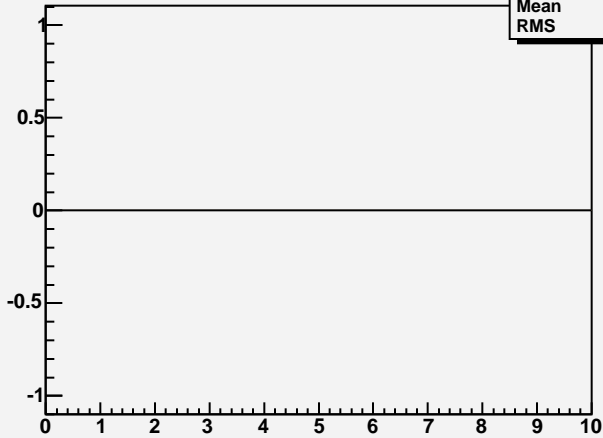
h2_tpc
Entries 1209
Mean 0
RMS 0

TPC Occupancy (in %) Lasers



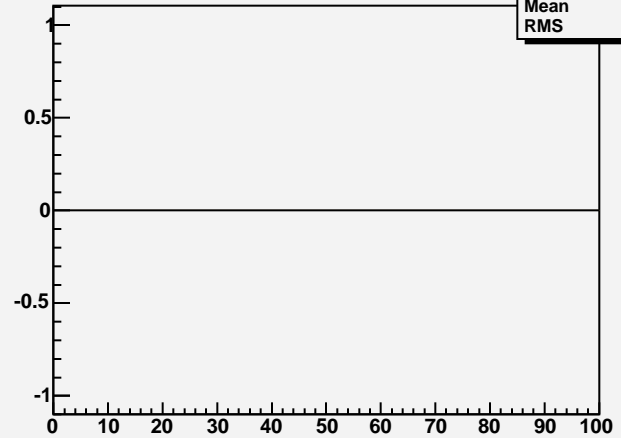
h44_tpc_OccLaser
Entries 0
Mean 0
RMS 0

Log of Total TPC Charge



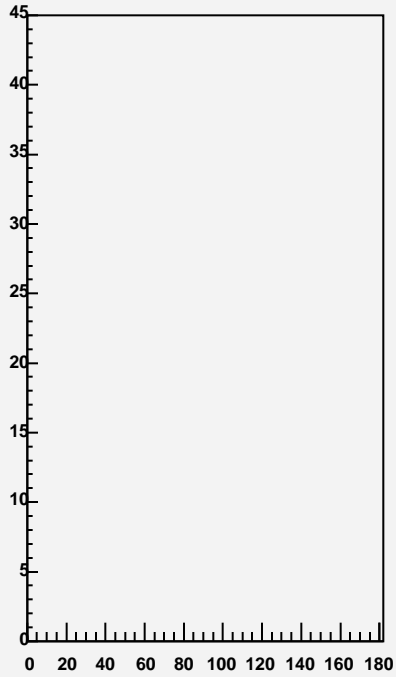
h1_tpc
Entries 1209
Mean 0
RMS 0

TPC Occupancy (in %) Pulsers

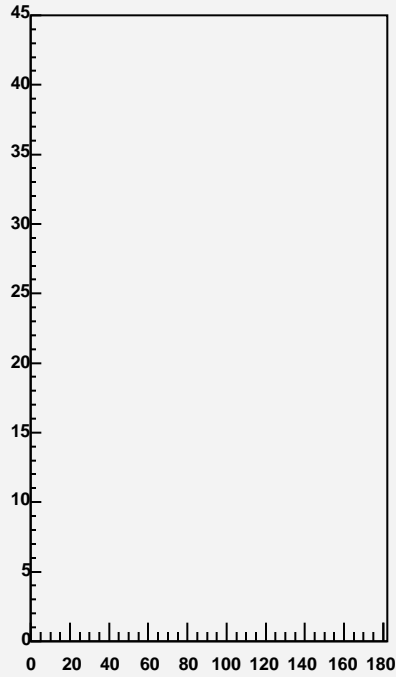


h43_tpc_OccPulsar
Entries 0
Mean 0
RMS 0

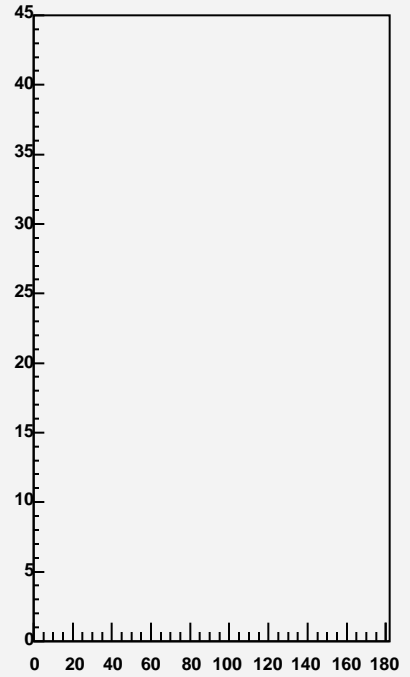
Sec. 2 charge per pad LASER



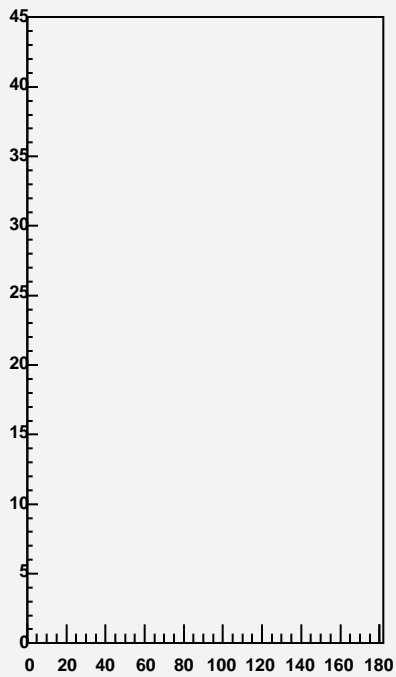
Sec. 7 charge per pad LASER



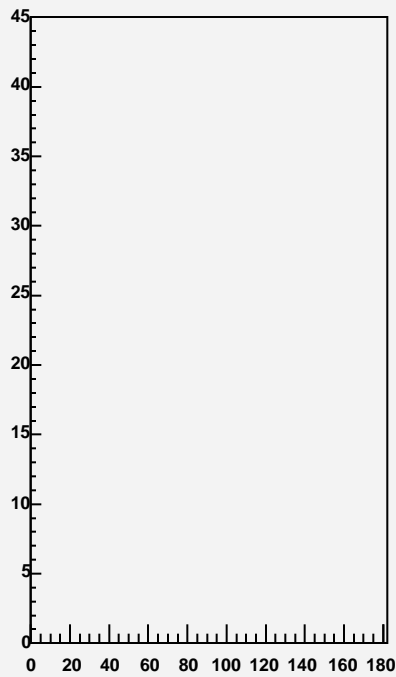
Sec. 12 charge per pad LASER



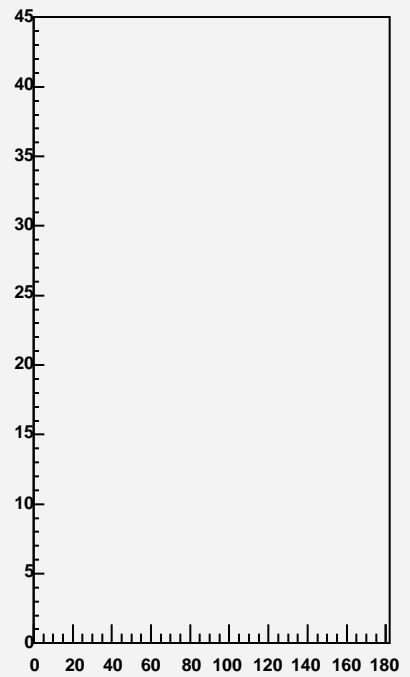
Sec. 14 charge per pad LASER

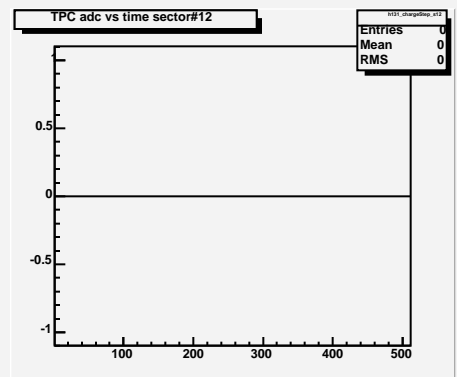
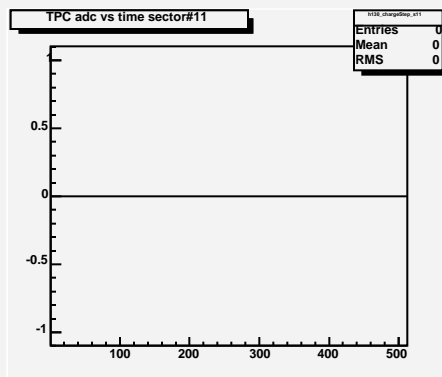
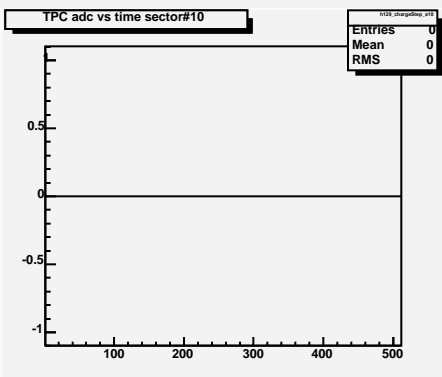
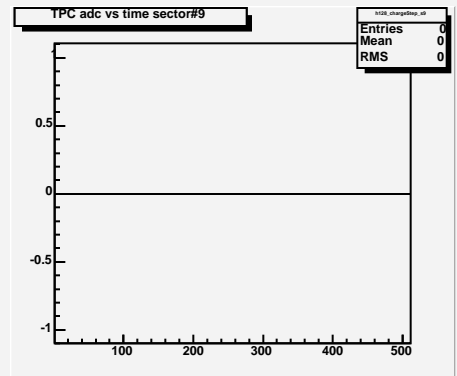
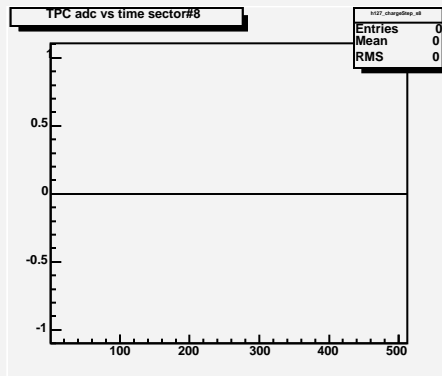
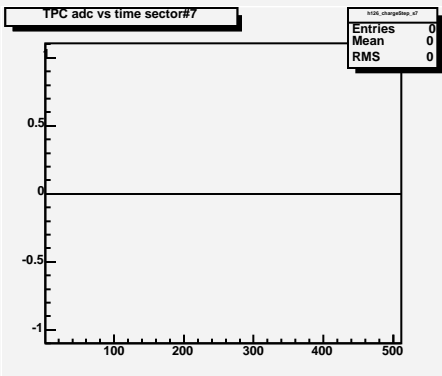
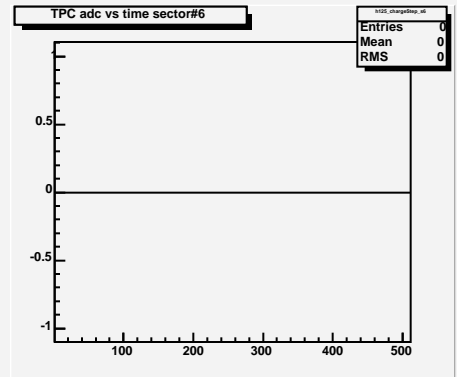
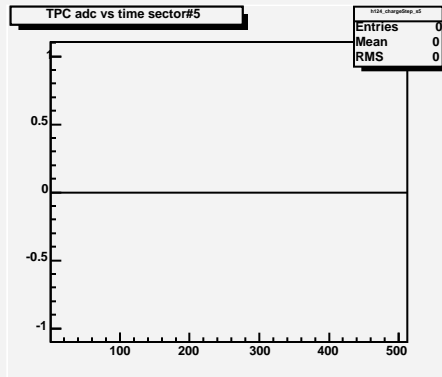
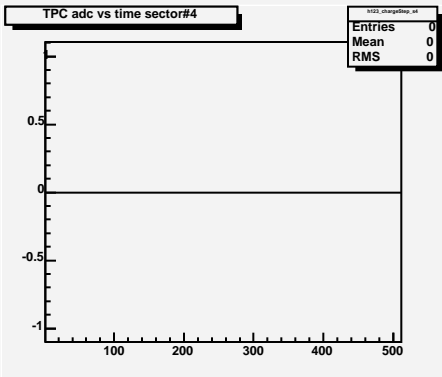
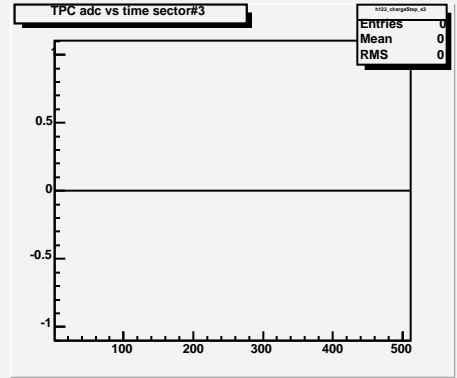
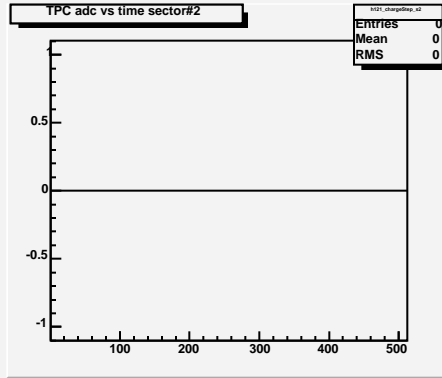
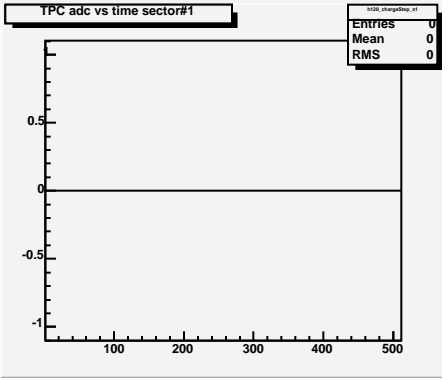


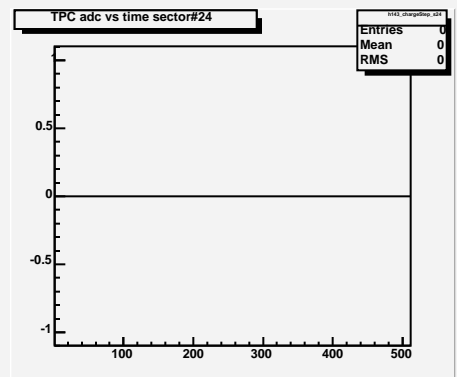
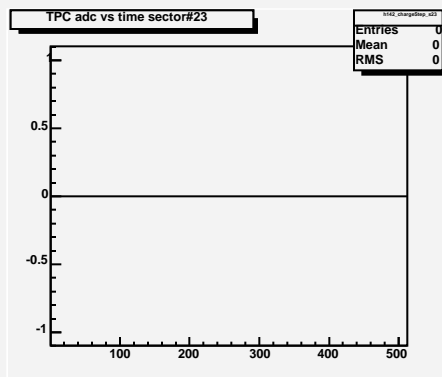
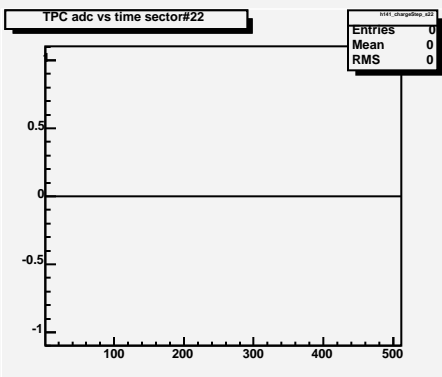
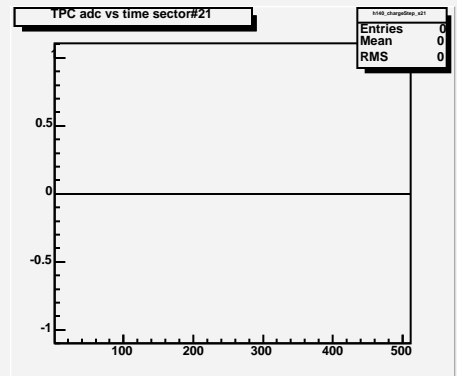
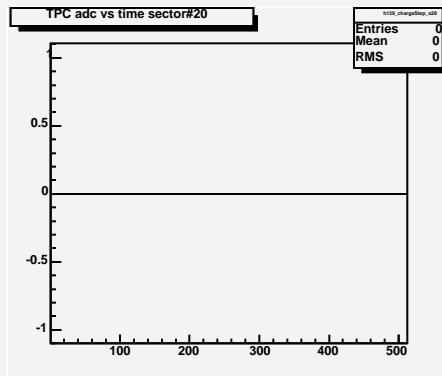
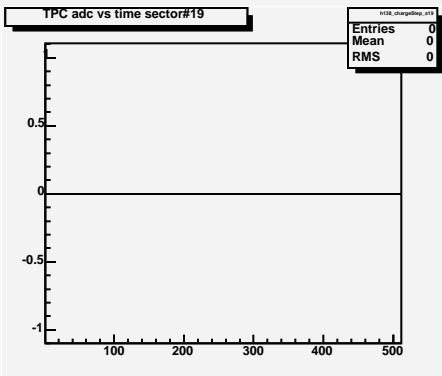
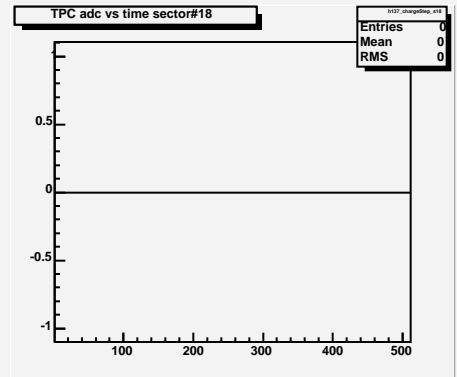
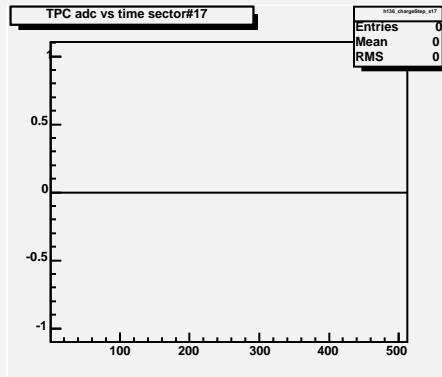
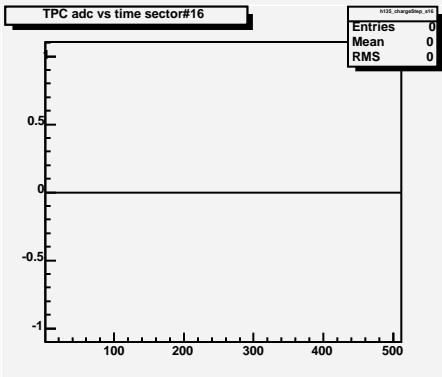
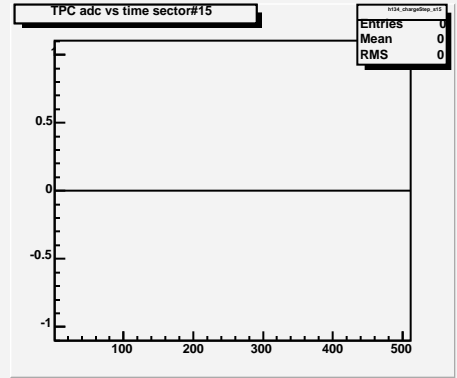
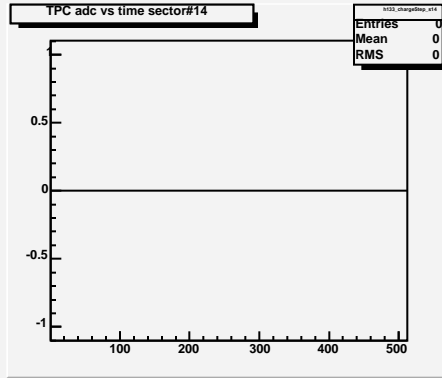
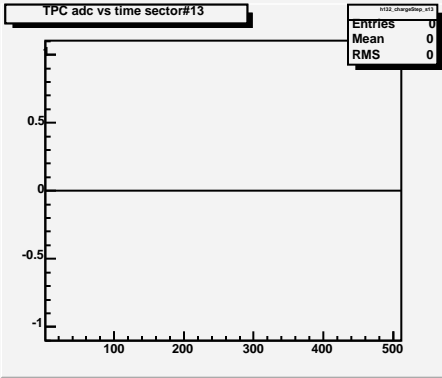
Sec. 20 charge per pad LASER



Sec. 24 charge per pad LASER

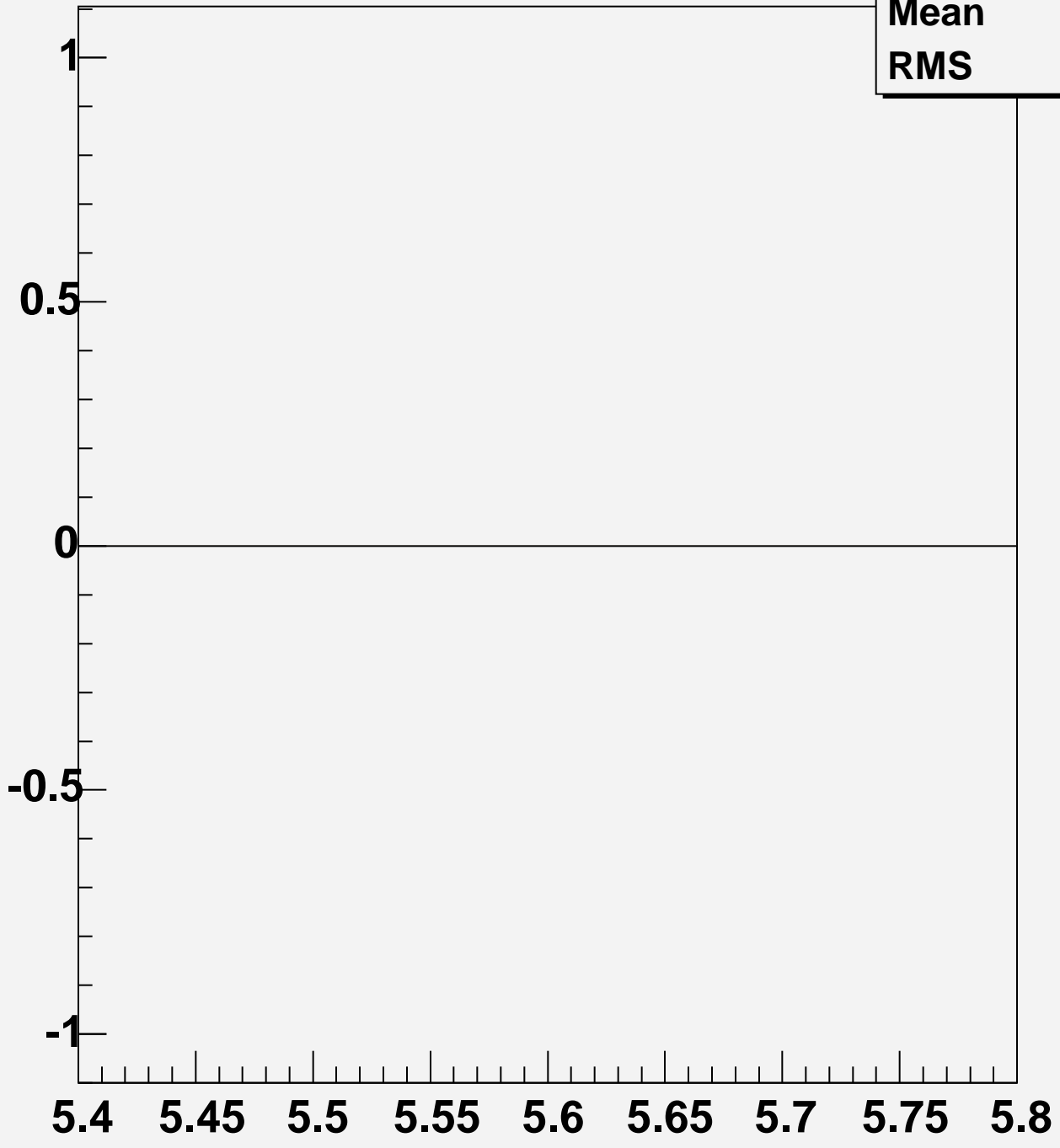






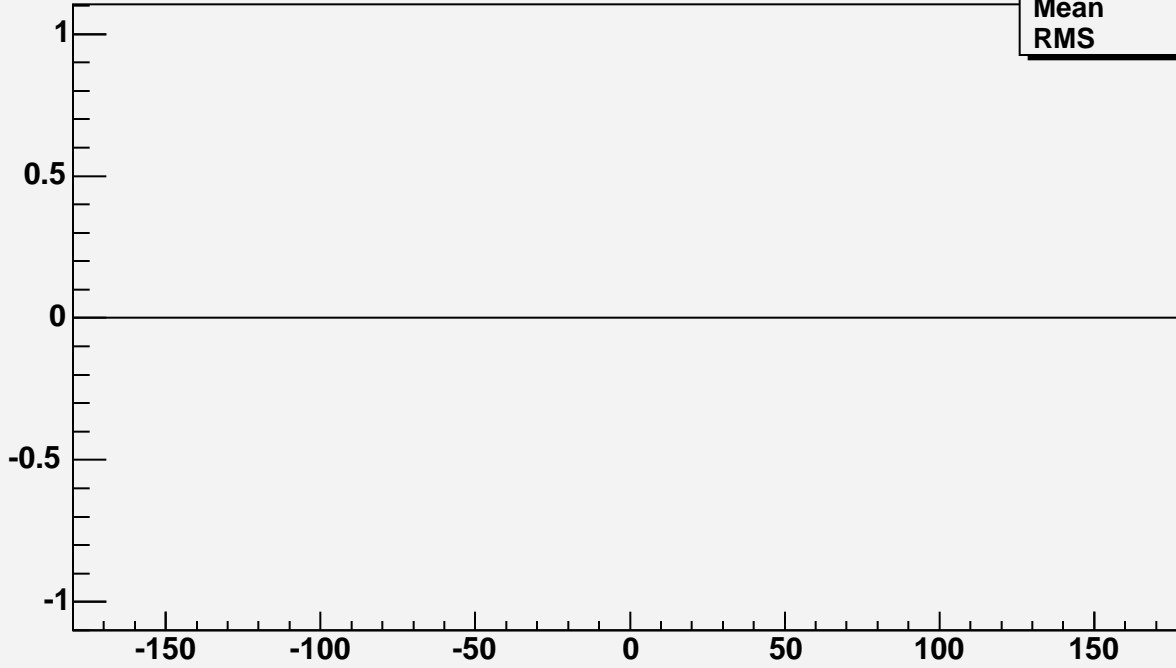
TPC Drift Velocity (cm/us)

h102_tpc_drift_vel	
Entries	0
Mean	0
RMS	0



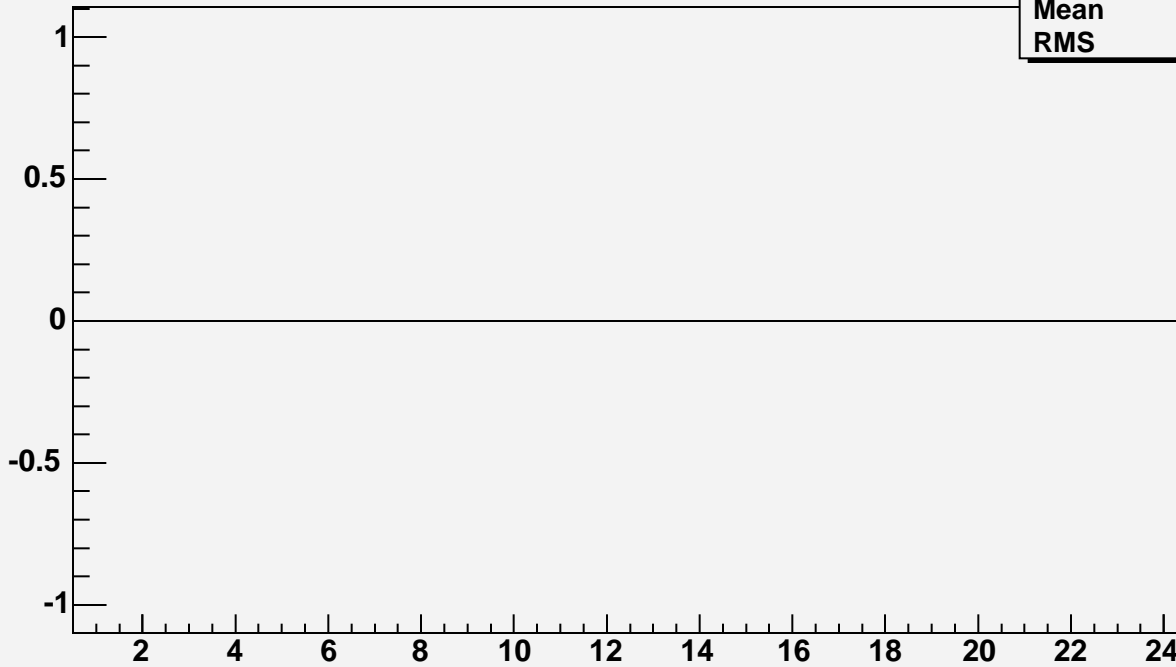
Azimuthal Distribution of TPC Charge

h66_tpc_phi_charge	
Entries	0
Mean	0
RMS	0



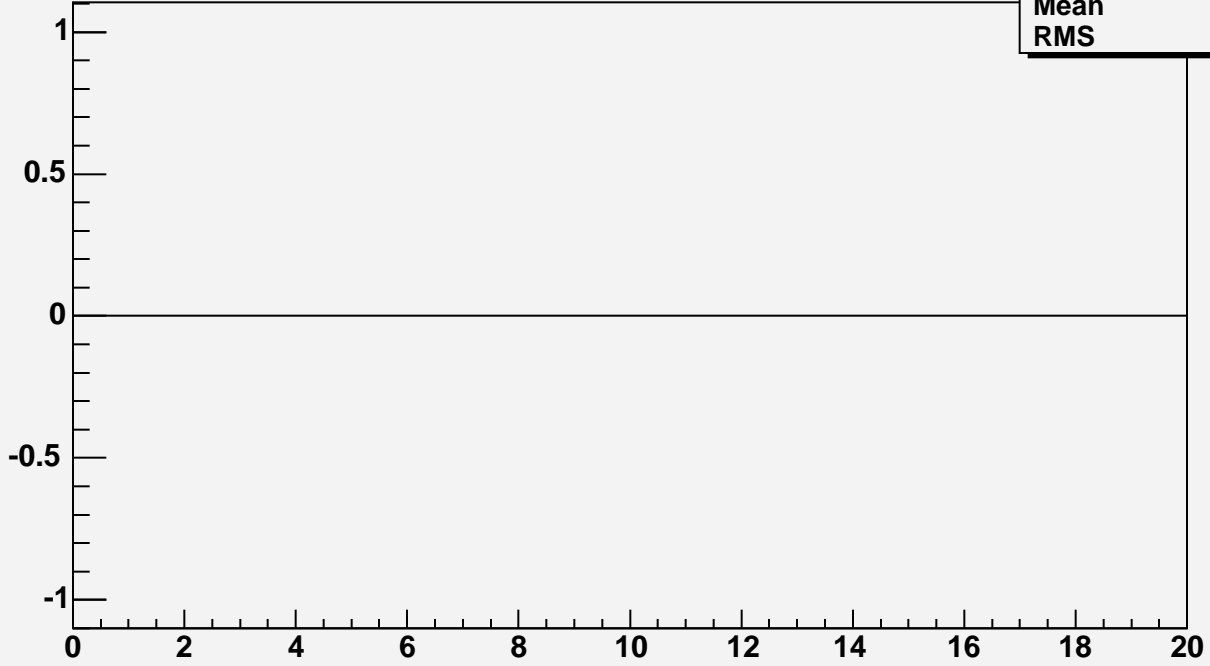
TPC Charge per Sector

h67_tpc_sector_charge	
Entries	0
Mean	0
RMS	0



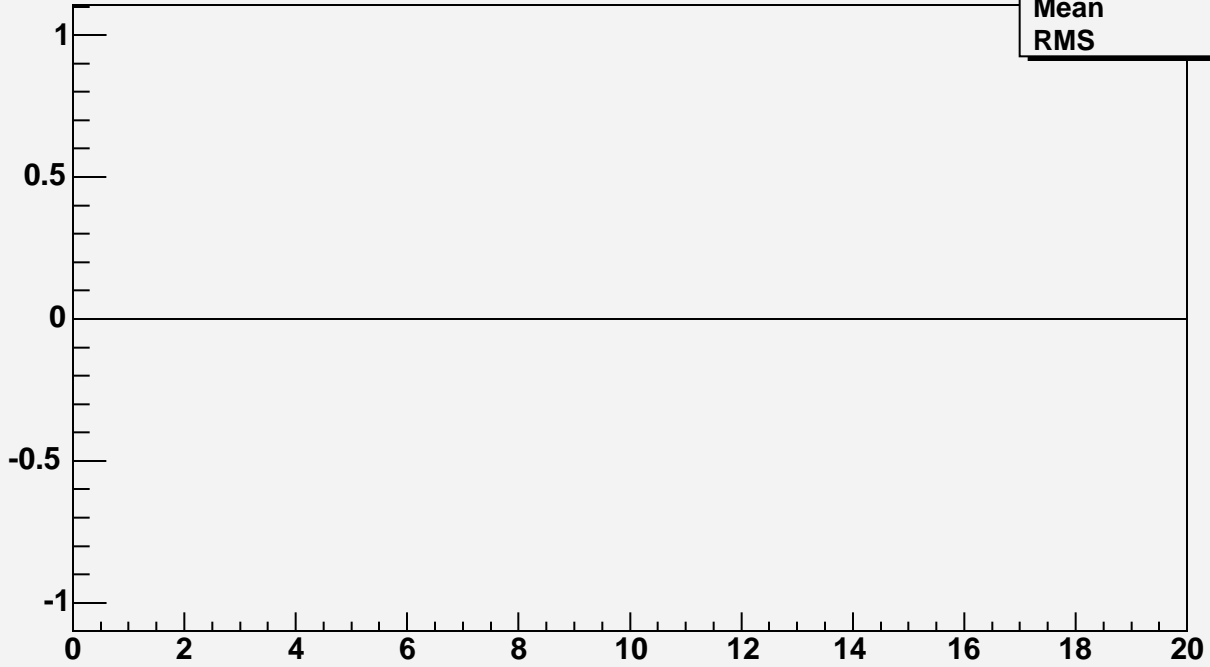
SVT West Occupancy (in %) Physics

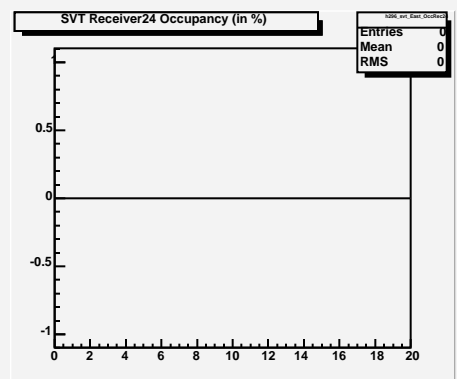
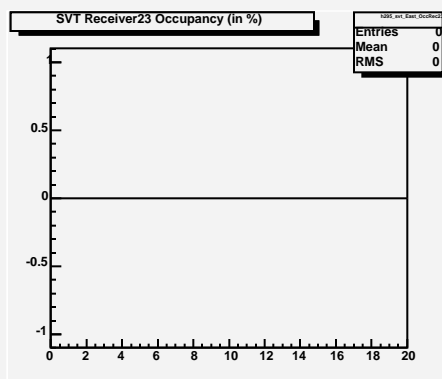
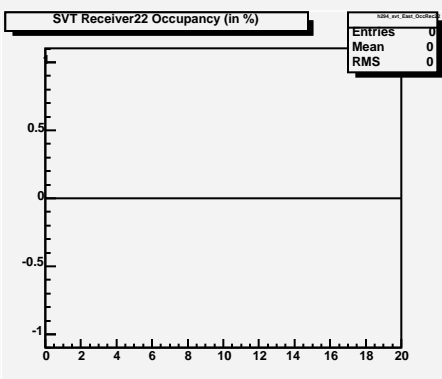
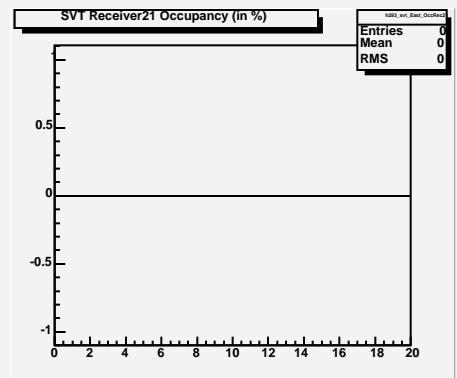
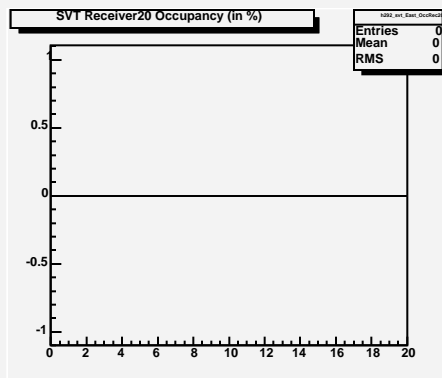
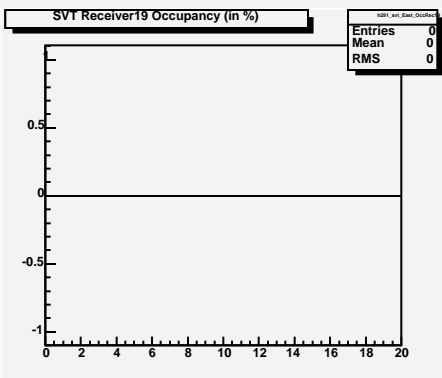
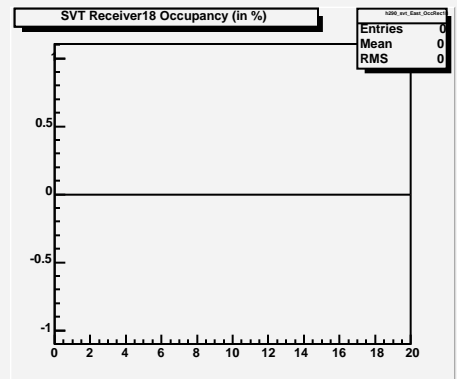
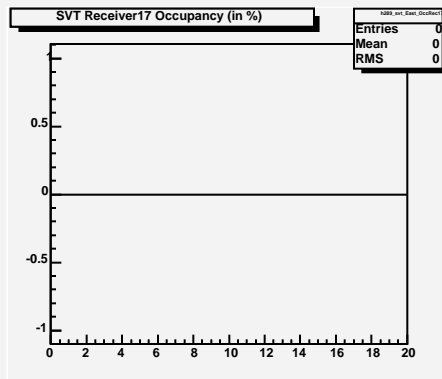
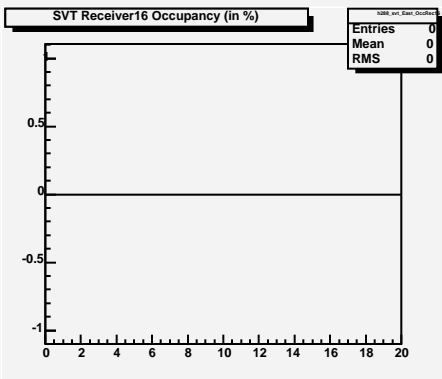
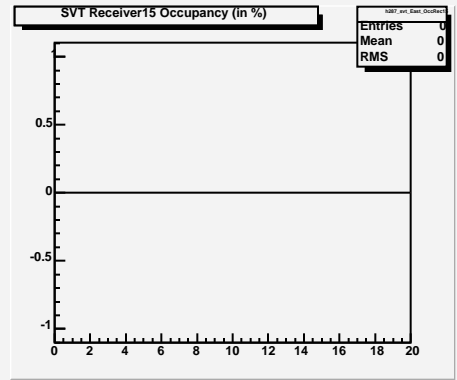
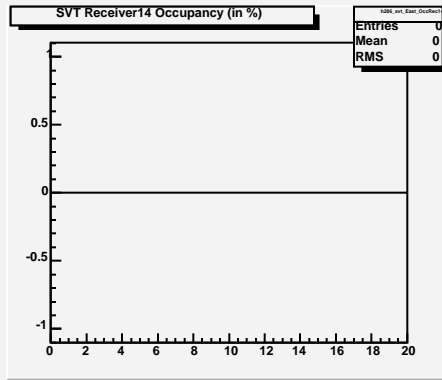
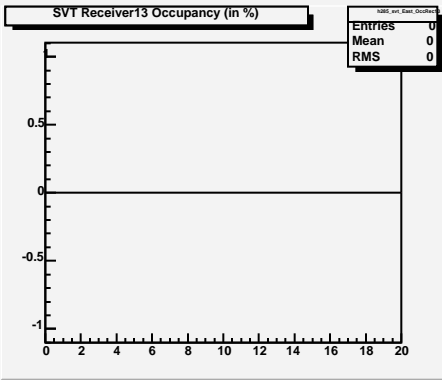
h267_svt_West	
Entries	0
Mean	0
RMS	0



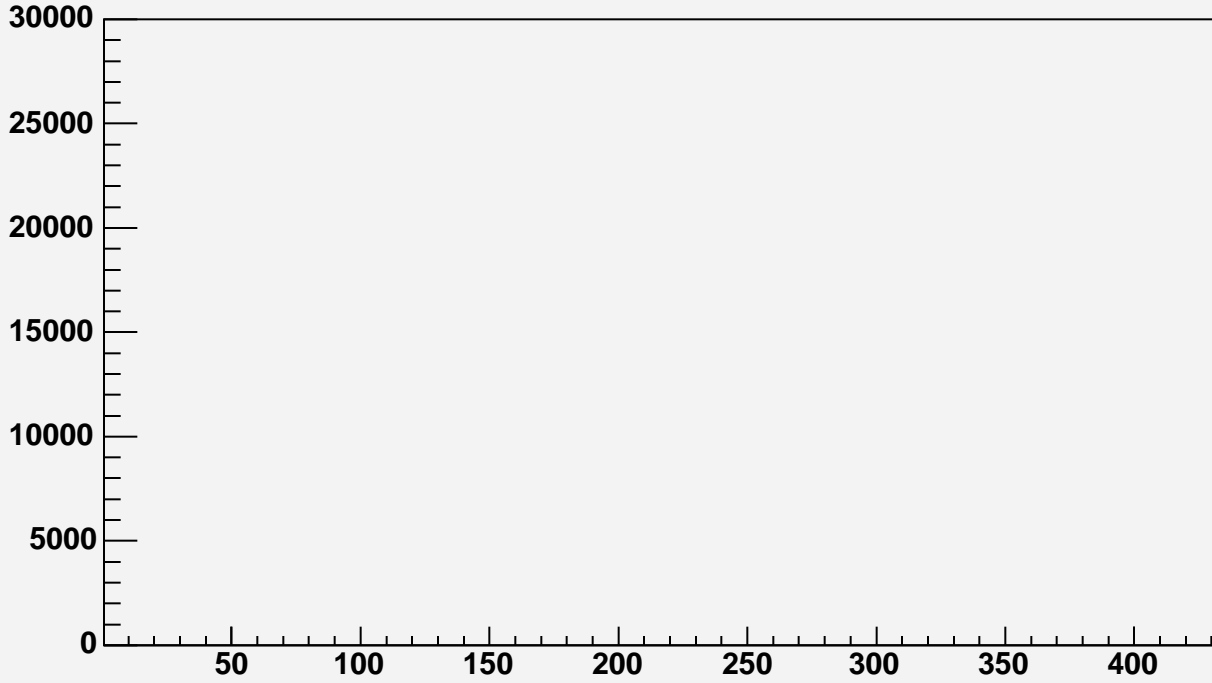
SVT East Occupancy (in %) Physics

h270_svt_East	
Entries	0
Mean	0
RMS	0

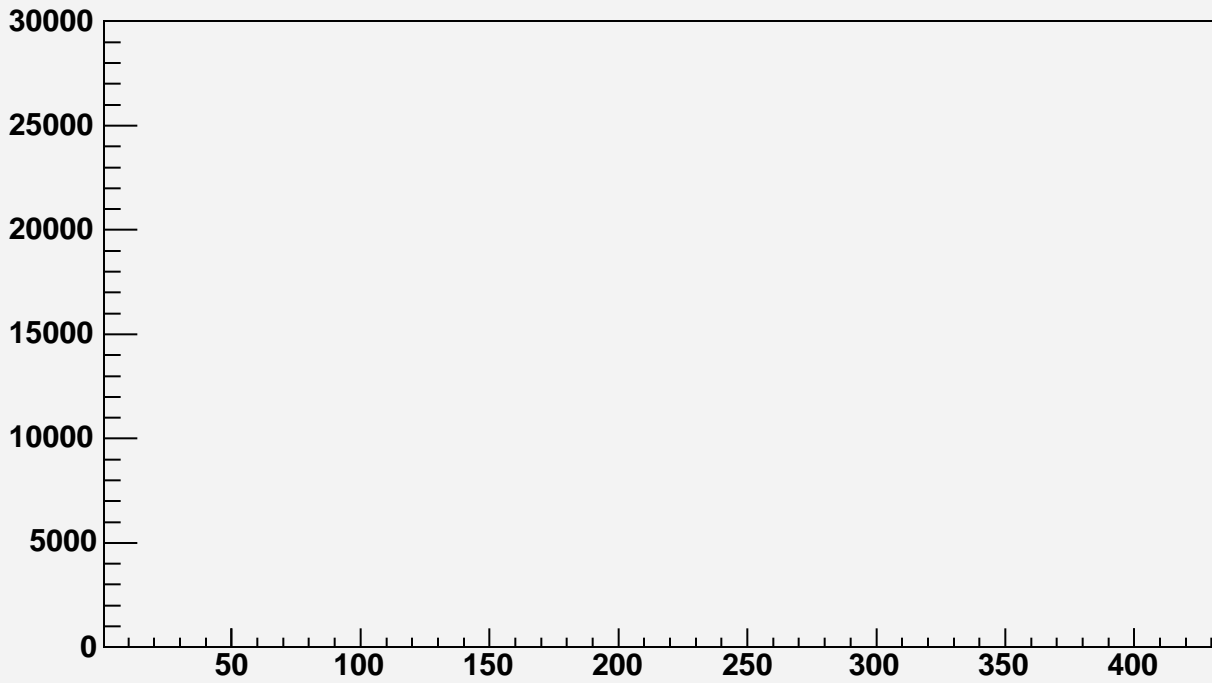


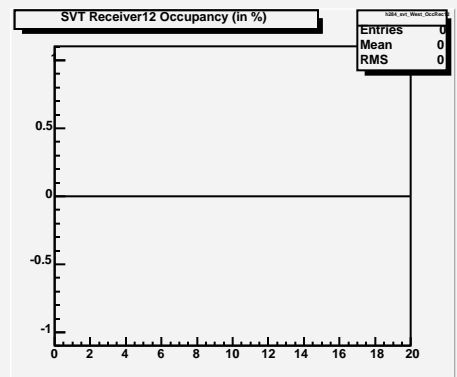
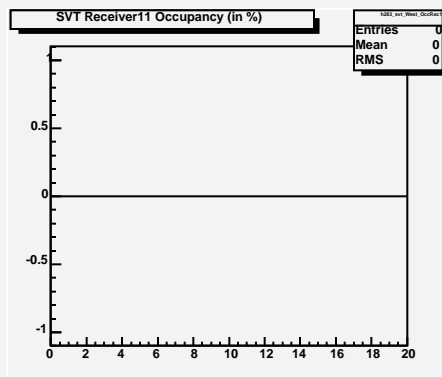
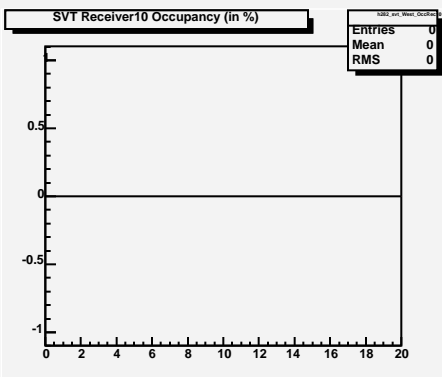
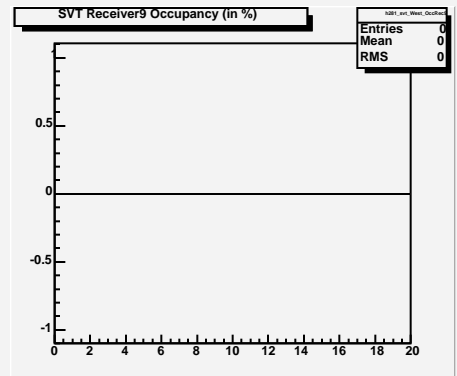
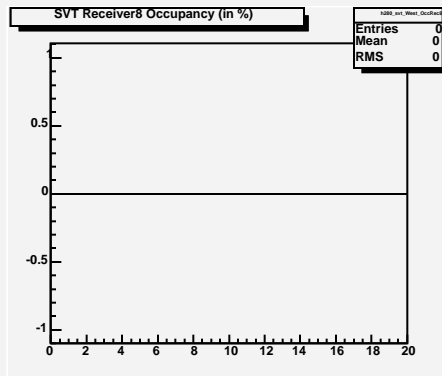
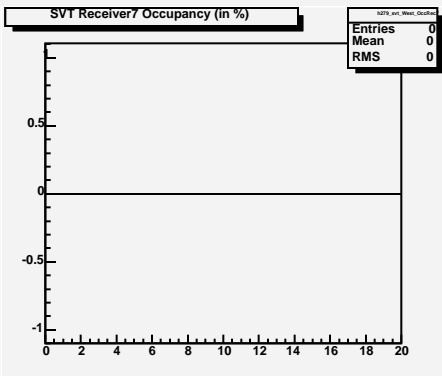
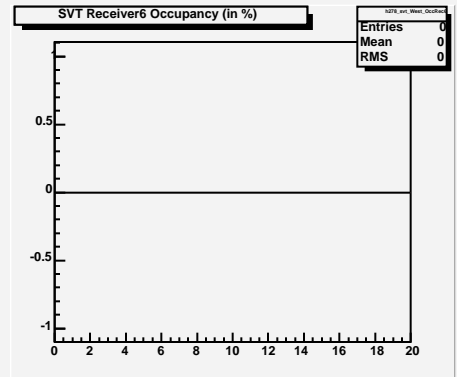
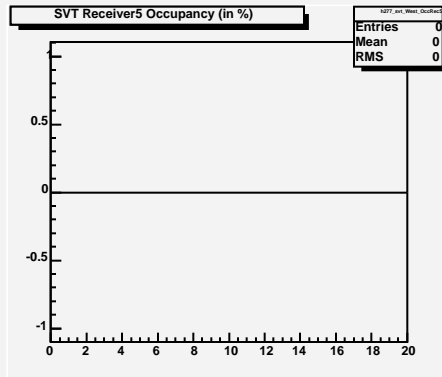
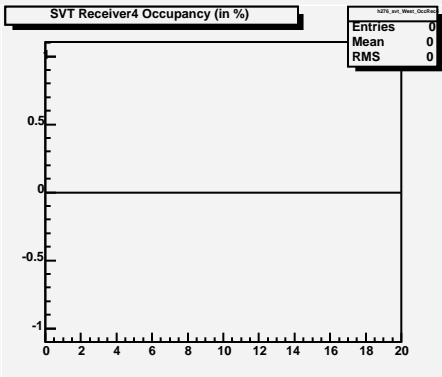
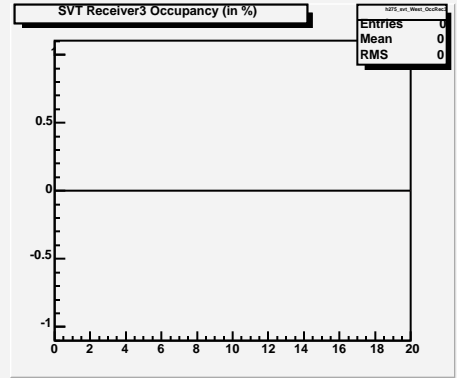
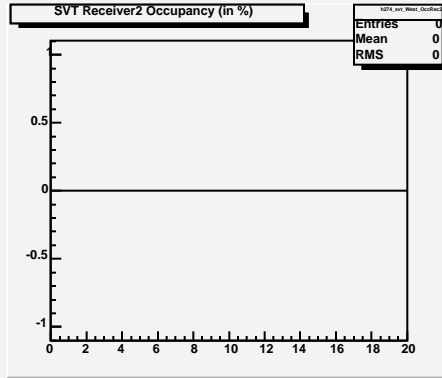
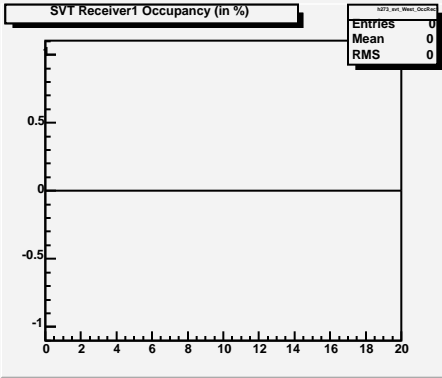


Number of Pixels above Pedestal



Number of Pixels above ADC 100

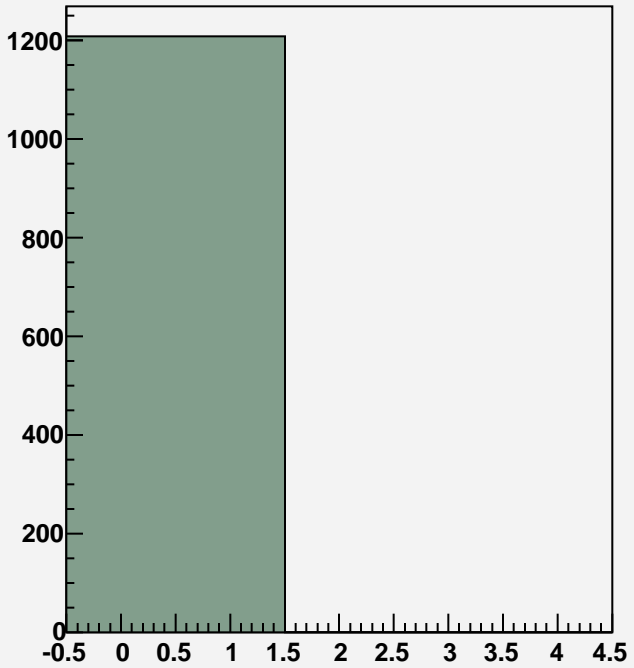
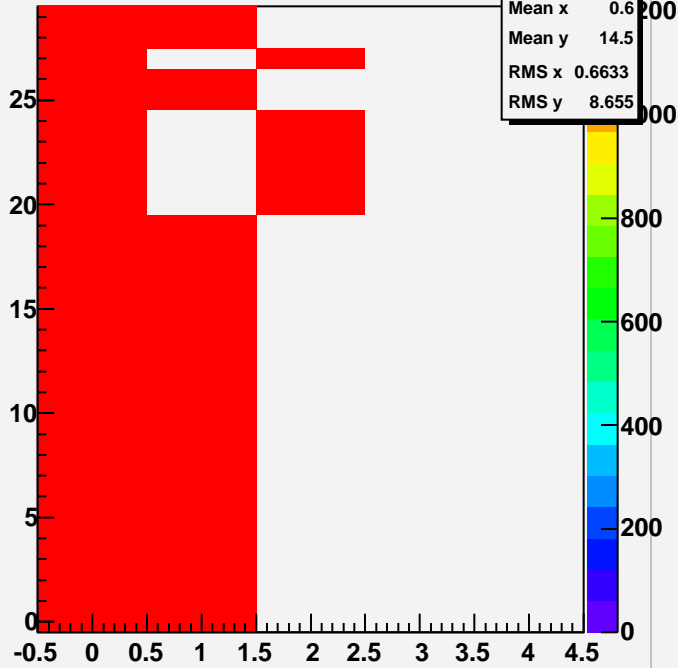


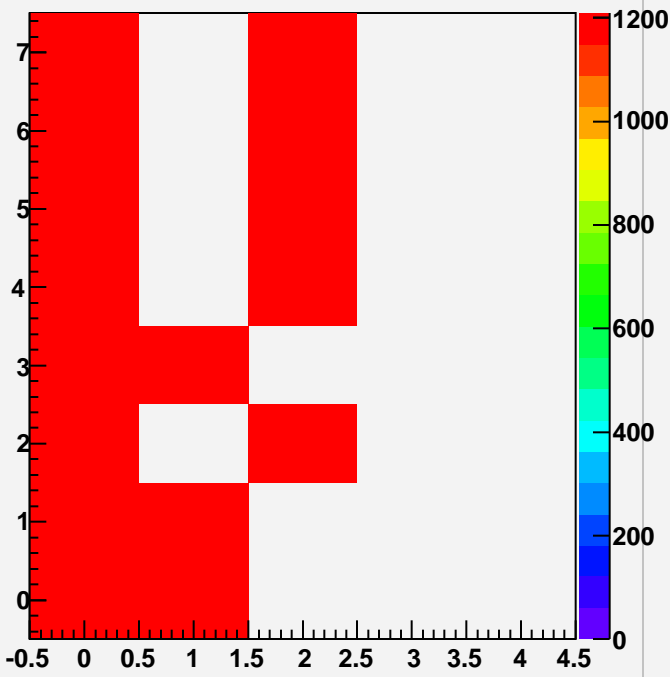


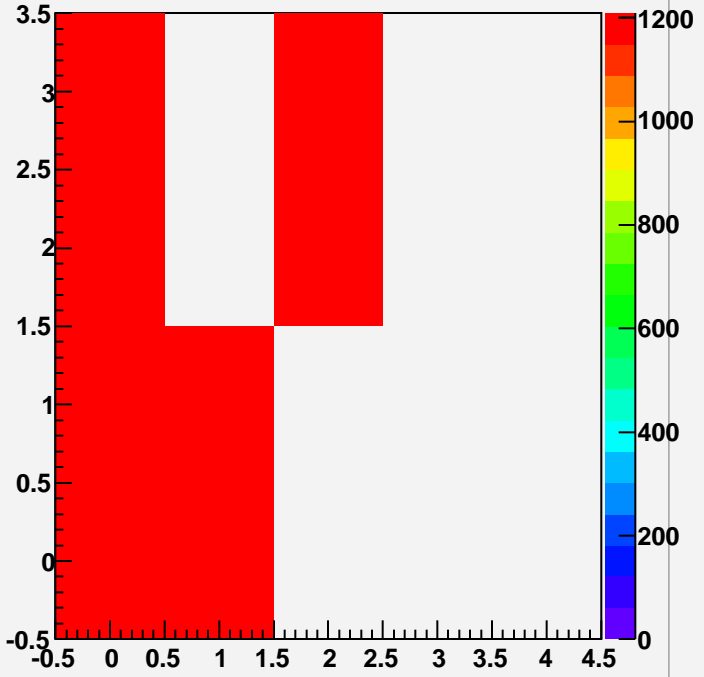
h231_bemc_TDC_status

Entries 72540
Mean x 0.6
Mean y 14.5
RMS x 0.6633
RMS y 8.655

BEMC TDC corruption frequency (0=total 1=OK 2=Not Installed 3=Corrupted)

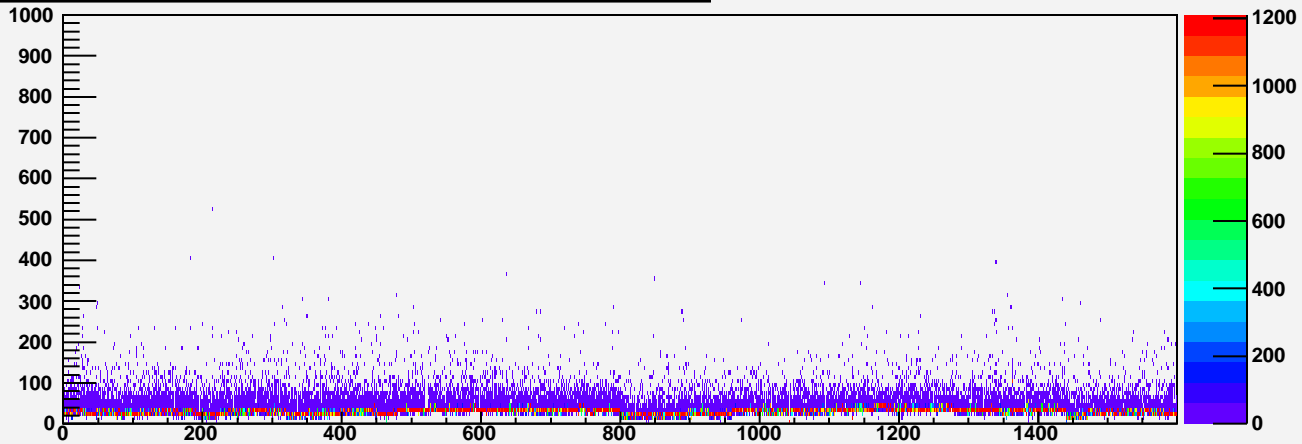




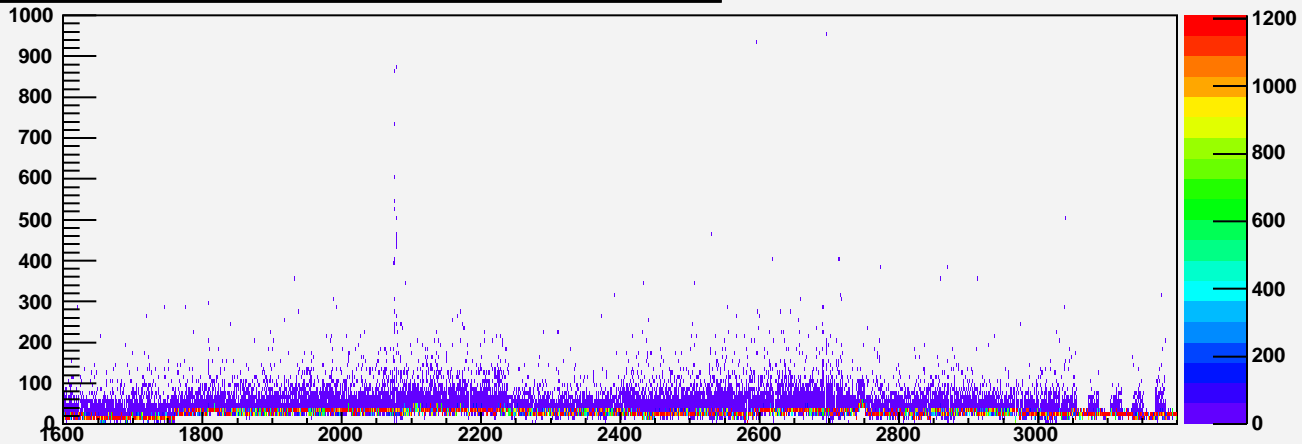




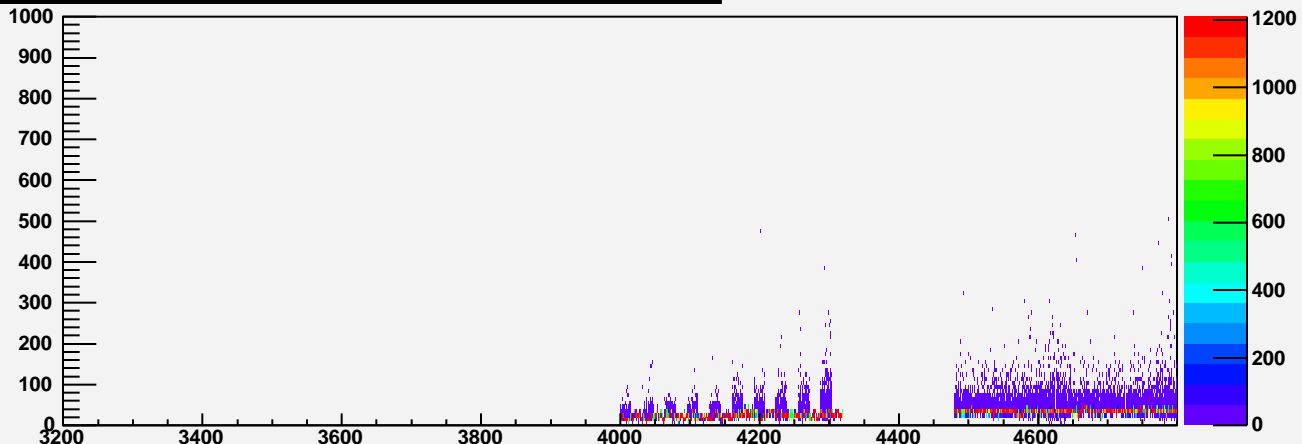
BEMC tower spectrum 0 < TDC < 10 (X = 160*TDC + index)



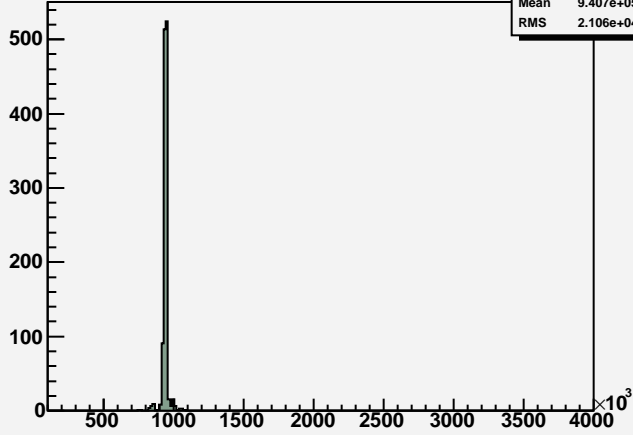
BEMC tower spectrum 10 < TDC < 20 (X = 160*TDC + index)



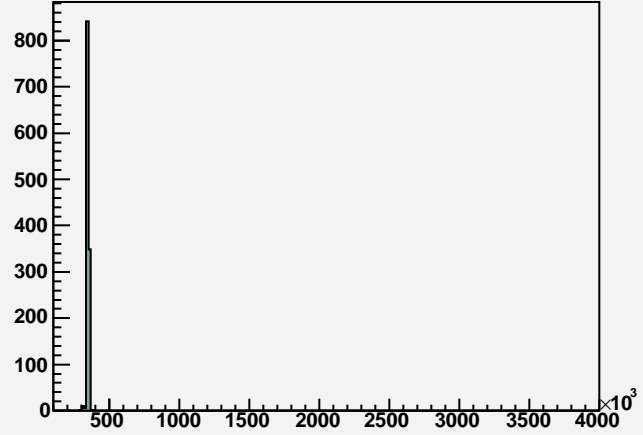
BEMC tower spectrum 20 < TDC < 30 (X = 160*TDC + index)



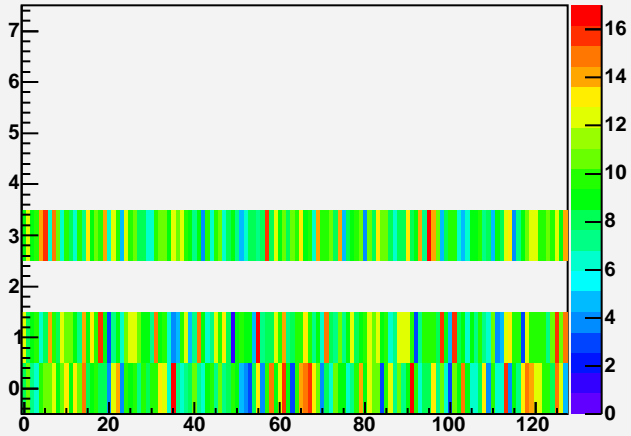
BEMC SMD total ADC



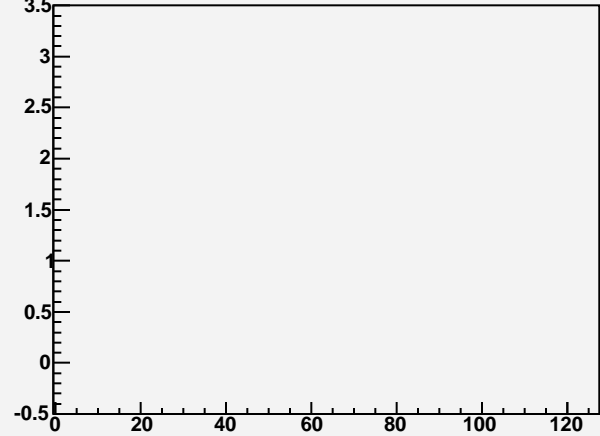
BEMC PSD total ADC



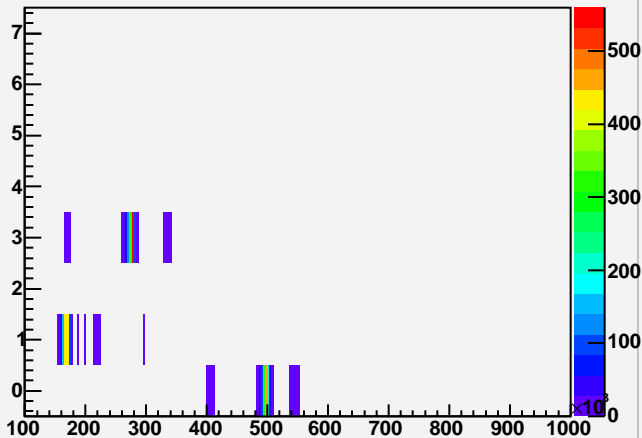
BEMC SMD capacitor distribution



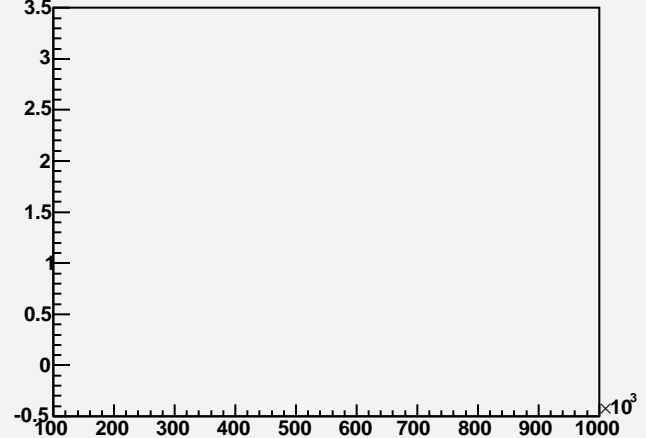
BEMC PSD capacitor distribution



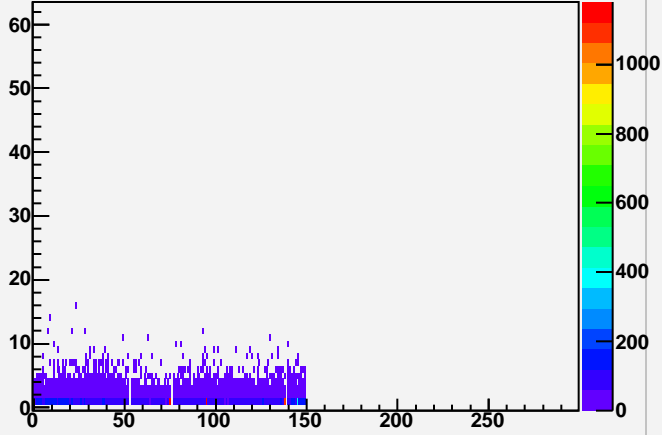
BEMC SMD total ADC per fiber



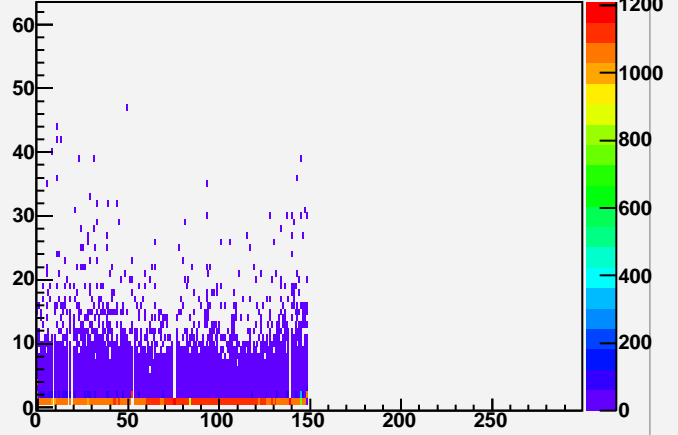
BEMC PSD total ADC per fiber



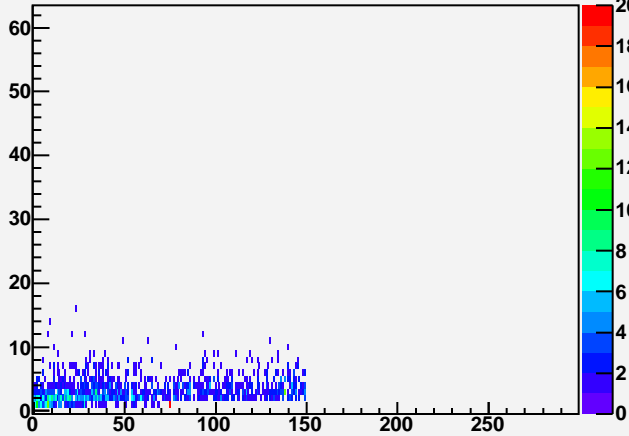
BEMC High Tower spectrum



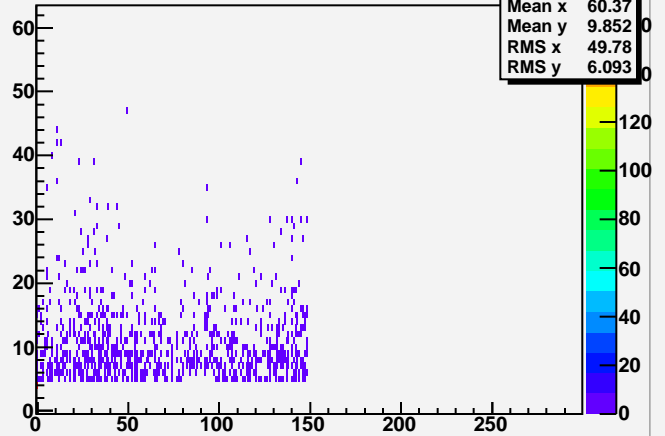
BEMC Patch Sum spectrum



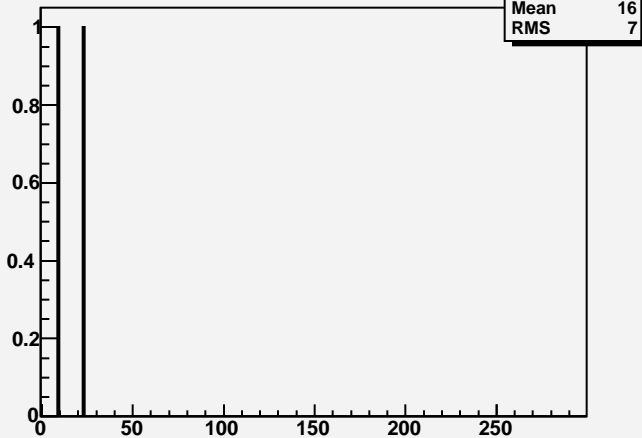
BEMC Maximum High Tower spectrum



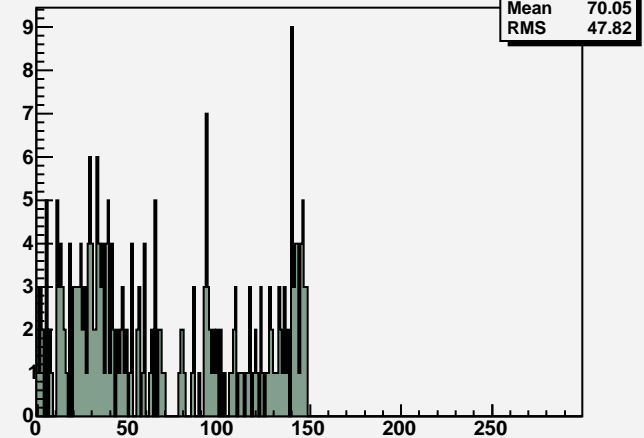
BEMC Maximum Patch Sum spectrum



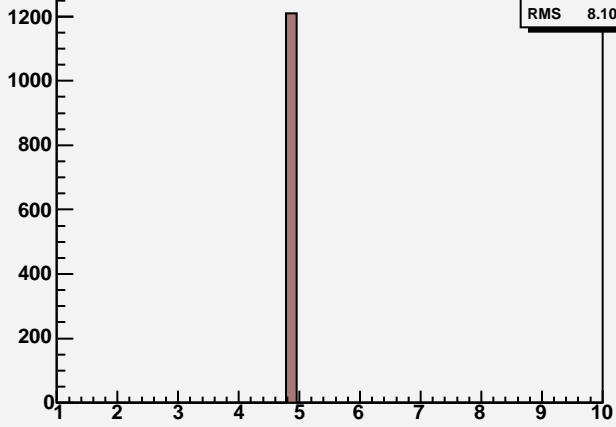
BEMC Maximum High Tower distribution



BEMC Maximum Patch Sum distribution

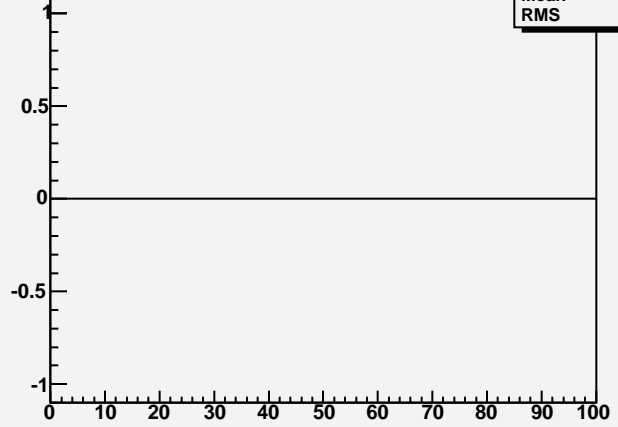


Log of Event Size



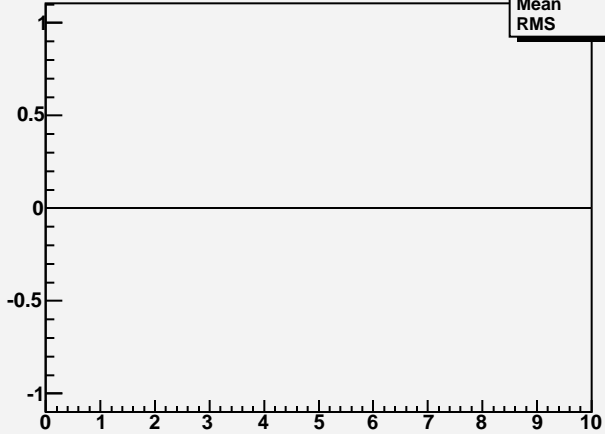
h0 evt_size	
Entries	1209
Mean	4.954
RMS	8.104e-07

FTPC Occupancy (in %)



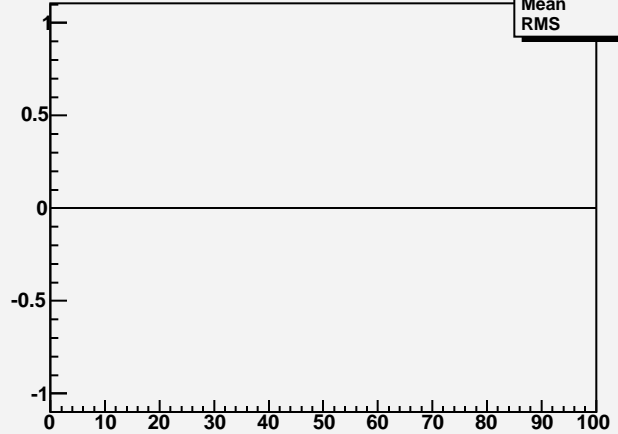
h49 ftp	
Entries	0
Mean	0
RMS	0

log of FTPC Buffer Size



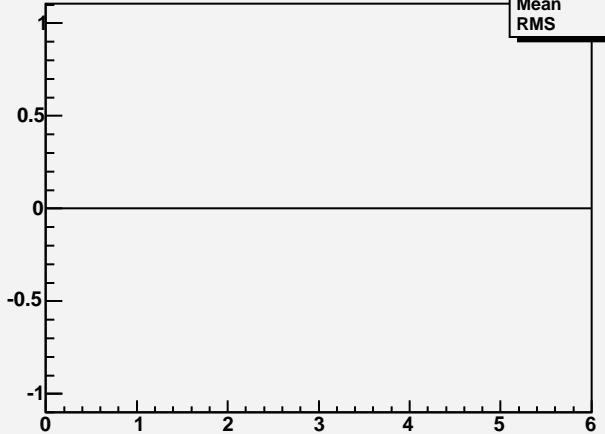
h11 ftp_evsize	
Entries	0
Mean	0
RMS	0

FTPC Occupancy (in %) Lasers



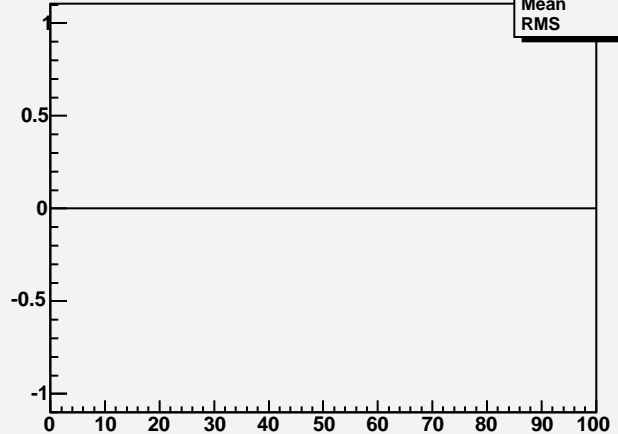
h51 ftp_OccLaser	
Entries	0
Mean	0
RMS	0

log of Total FTPC Charge



h48 ftp	
Entries	0
Mean	0
RMS	0

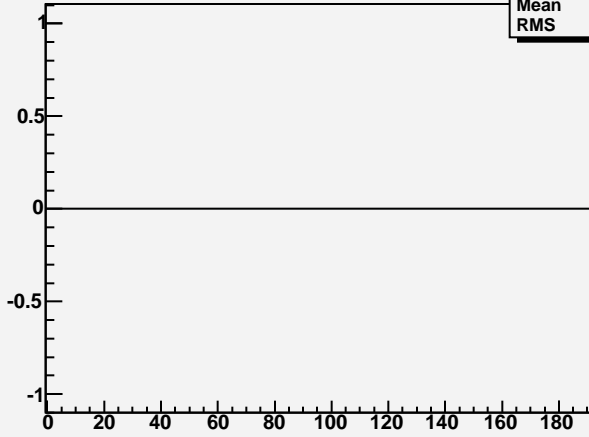
FTPC Occupancy (in %) Pulsers



h50 ftp_OccPulsar	
Entries	0
Mean	0
RMS	0

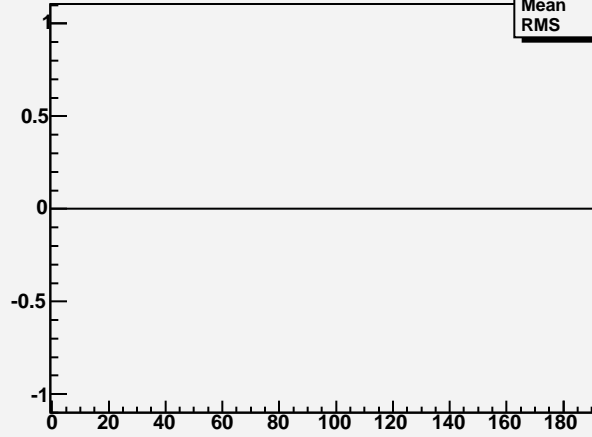
h432 tofr_hits_tdigchan_leading

h432_tofr_hits_tdigchan_leading
Entries 0
Mean 0
RMS 0



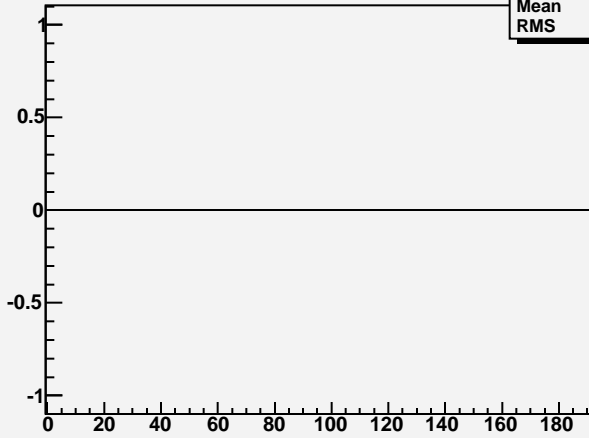
h433 tofr_hits_tdigchan_trailing

h433_tofr_hits_tdigchan_trailing
Entries 0
Mean 0
RMS 0



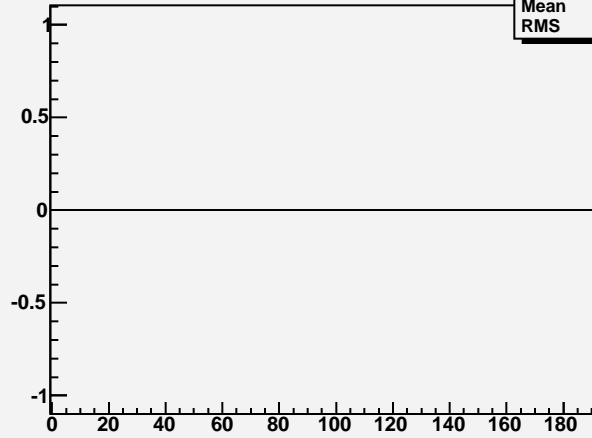
h434 tofr_hits_modulechan_leading

h434_tofr_hits_modulechan_leading
Entries 0
Mean 0
RMS 0



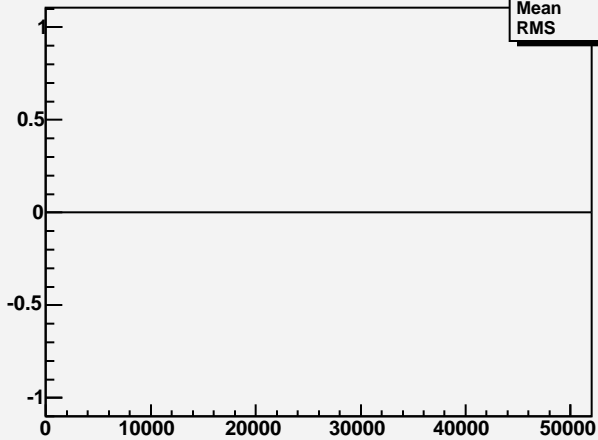
h435 tofr_hits_modulechan_trailing

h435_tofr_hits_modulechan_trailing
Entries 0
Mean 0
RMS 0



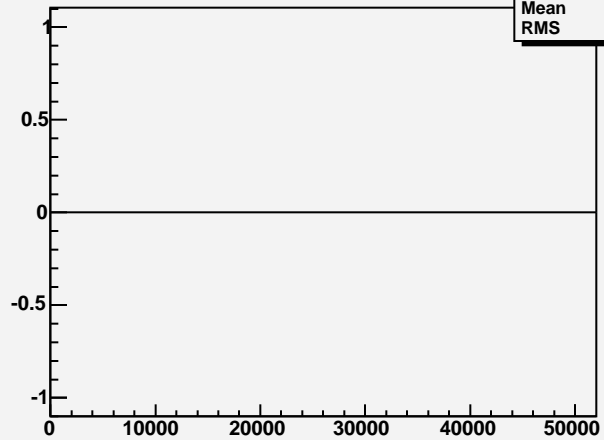
h436 tofr_tray_leading_time

h436_tofr_tray_leading_time
Entries 0
Mean 0
RMS 0



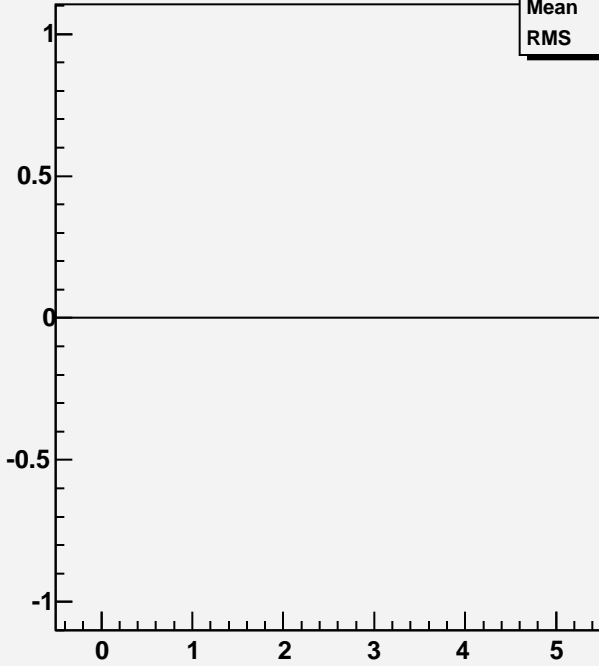
h437 tofr_tray_trailing_time

h437_tofr_tray_trailing_time
Entries 0
Mean 0
RMS 0



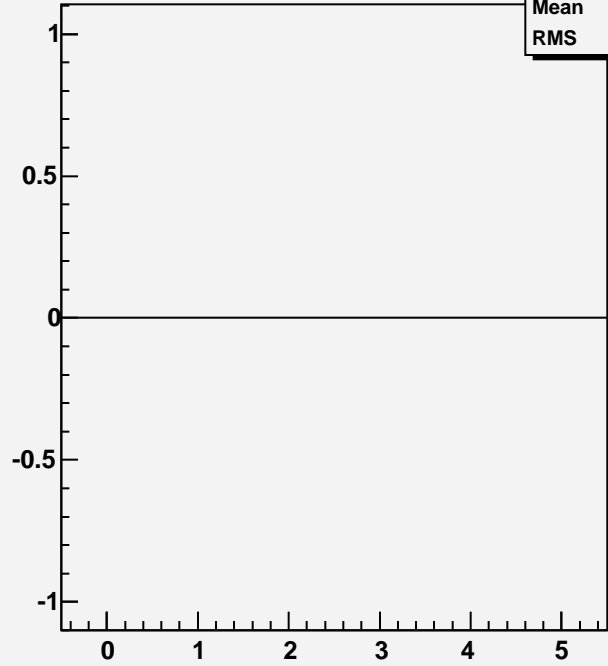
h438_tofr_hits_pvpd_leading

Entries	0
Mean	0
RMS	0



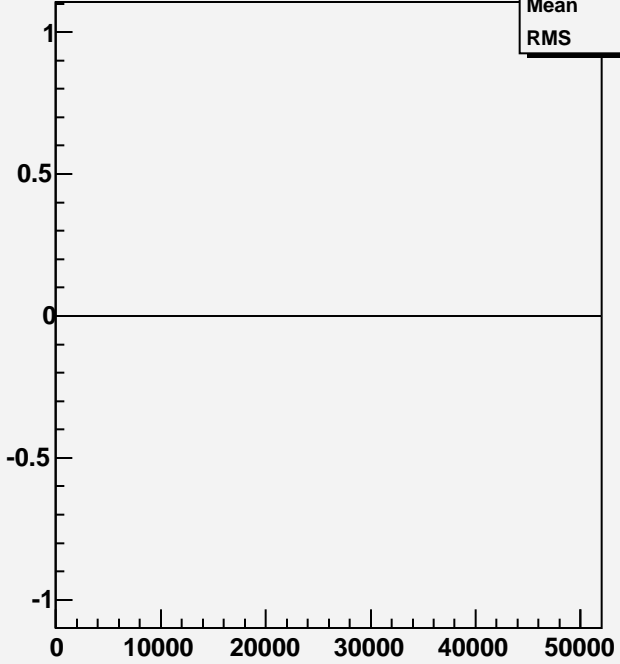
h439_tofr_hits_pvpd_trailing

Entries	0
Mean	0
RMS	0



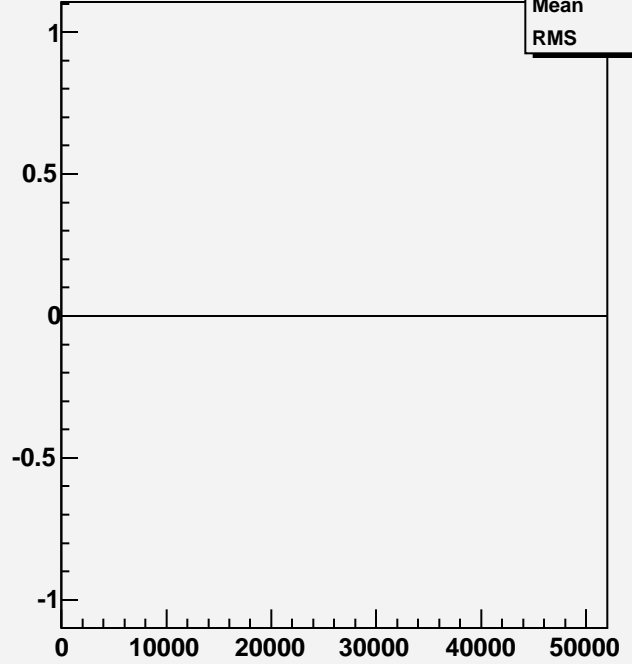
h440_tofr_pvpd_leading_time

Entries	0
Mean	0
RMS	0



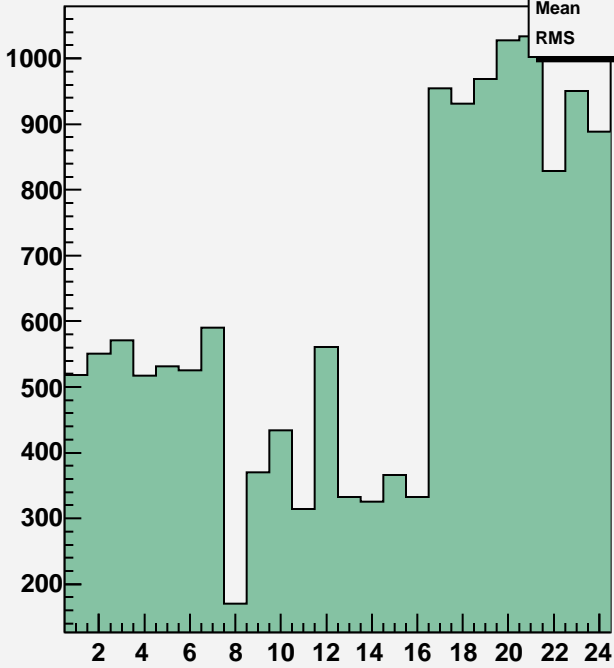
h441_tofr_pvpd_trailing_time

Entries	0
Mean	0
RMS	0



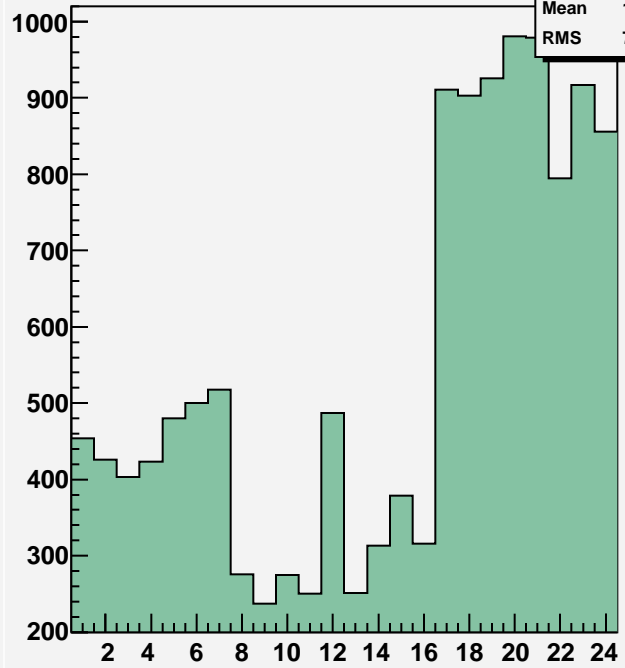
Hit Pattern BBC EAST

h190_bbc_hitmap_EAST
Entries 14594
Mean 14.35
RMS 7.288



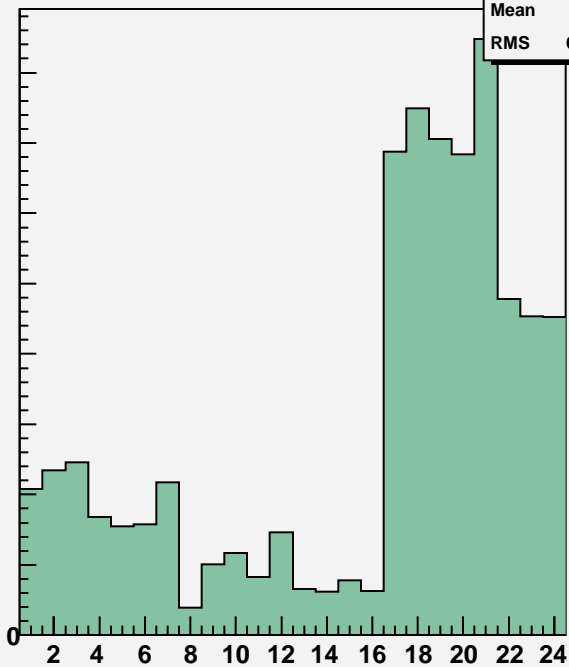
Hit Pattern BBC WEST

h191_bbc_hitmap_WEST
Entries 13256
Mean 14.78
RMS 7.181



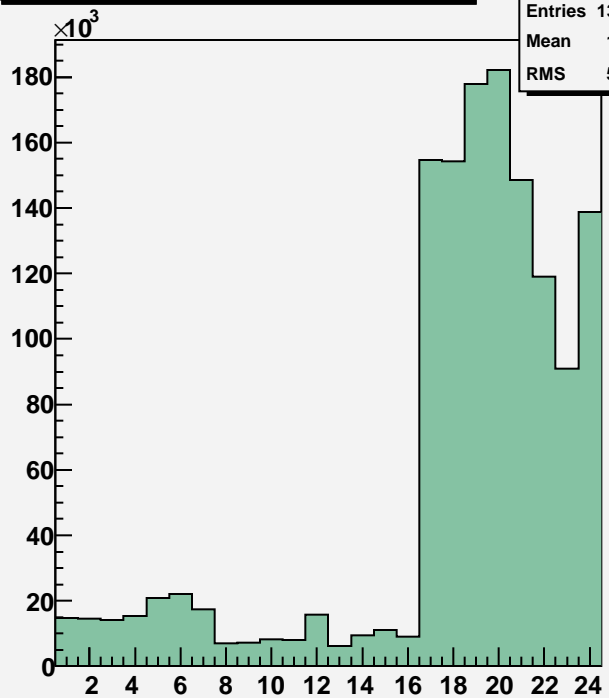
Weighted Hit Pattern BBC EAST

h192_bbc_weight_hitmap_EAST
Entries 14594
Mean 16.13
RMS 6.854

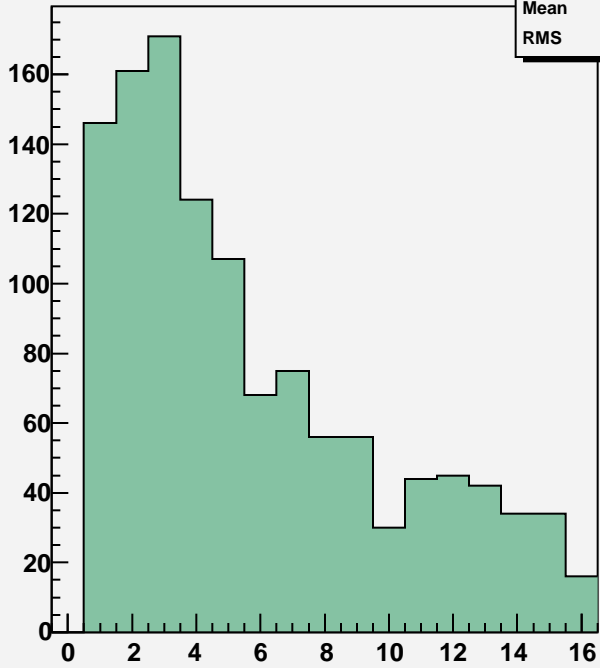


Weighted Hit Pattern BBC WEST

h193_bbc_weight_hitmap_WEST
Entries 13256
Mean 18.36
RMS 5.241

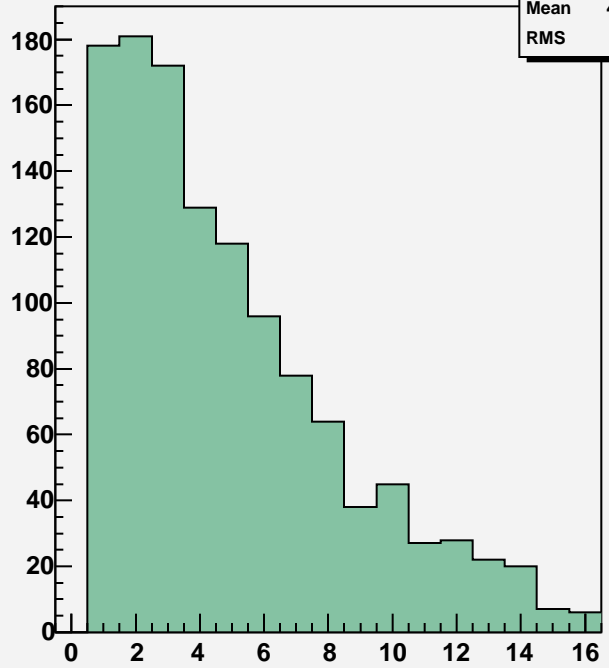


BBC Small-tile Hits East



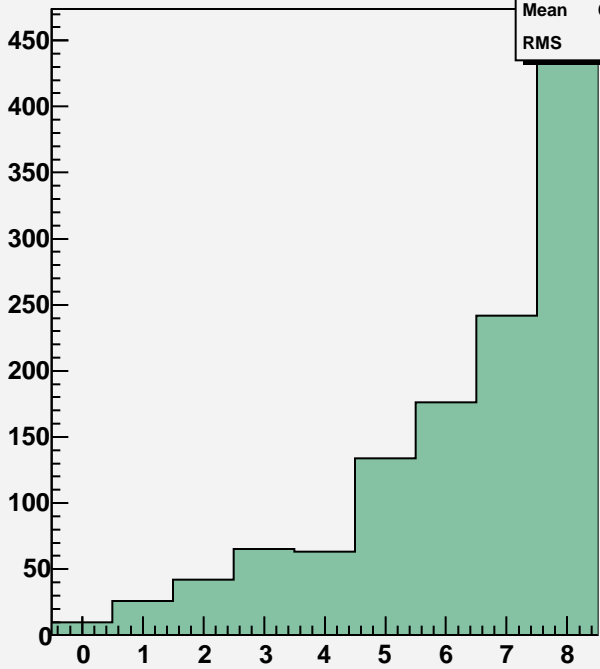
h194_bbc_hits_east
Entries 1209
Mean 5.797
RMS 4.159

BBC Small-tile Hits West



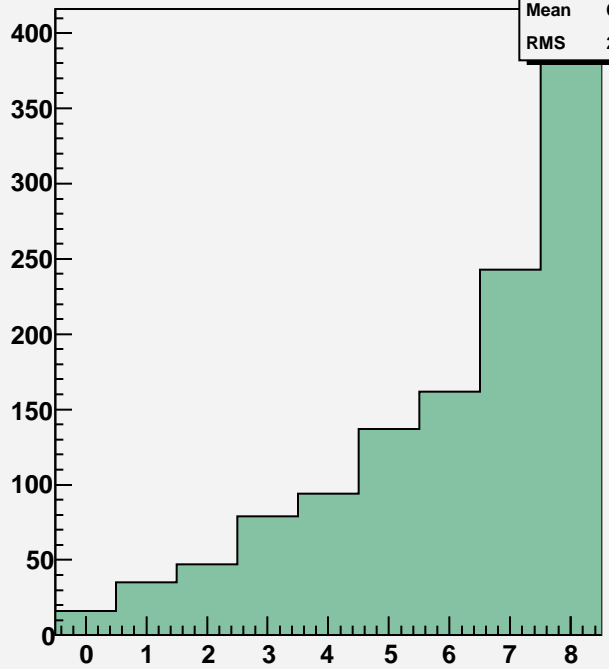
h195_bbc_hits_west
Entries 1209
Mean 4.953
RMS 3.5

BBC Large-tile Hits East



h196_bbc_hits_east
Entries 1209
Mean 6.274
RMS 1.952

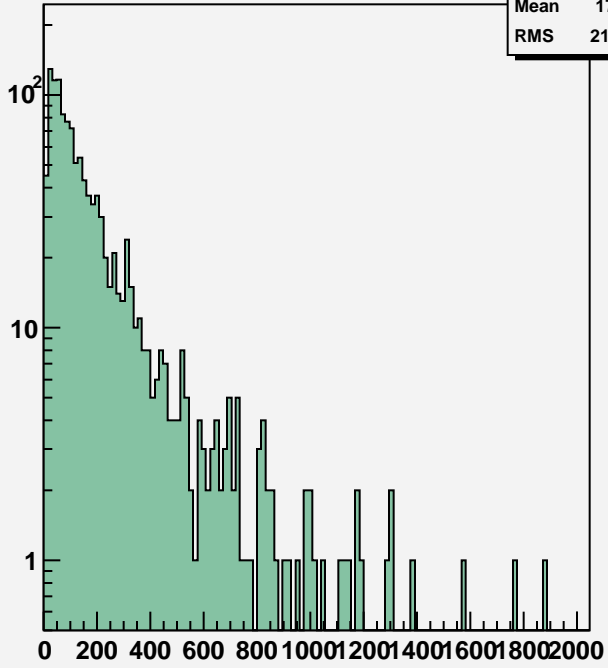
BBC Large-tile Hits West



h197_bbc_hits_west
Entries 1209
Mean 6.012
RMS 2.085

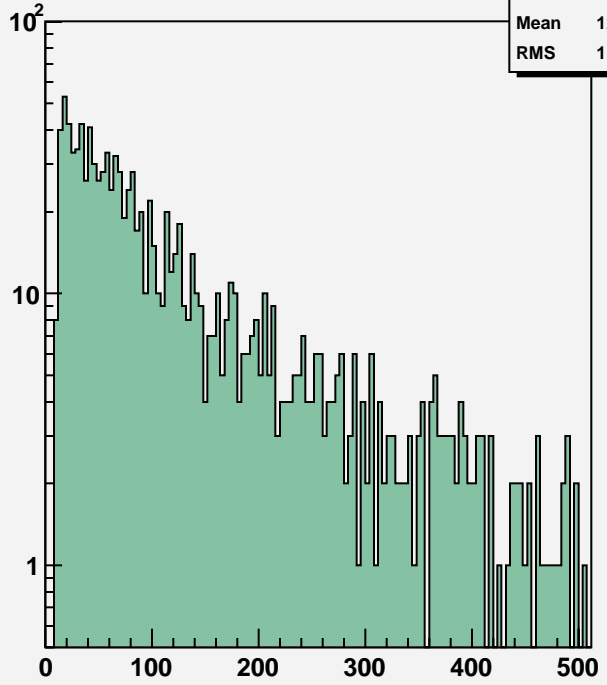
BBC Small-tile AdcSum East

h198_bbc_AdcSum_east
Entries 1209
Mean 177.2
RMS 215.4



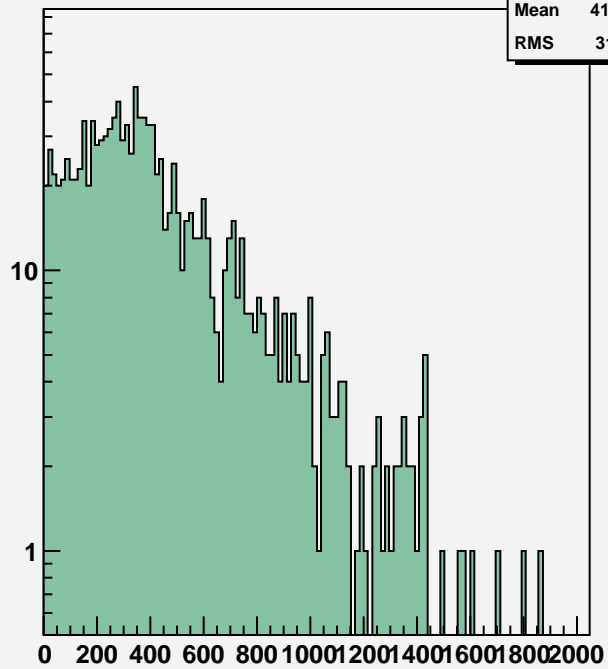
BBC Small-tile AdcSum West

h199_bbc_AdcSum_west
Entries 1209
Mean 121.2
RMS 111.3



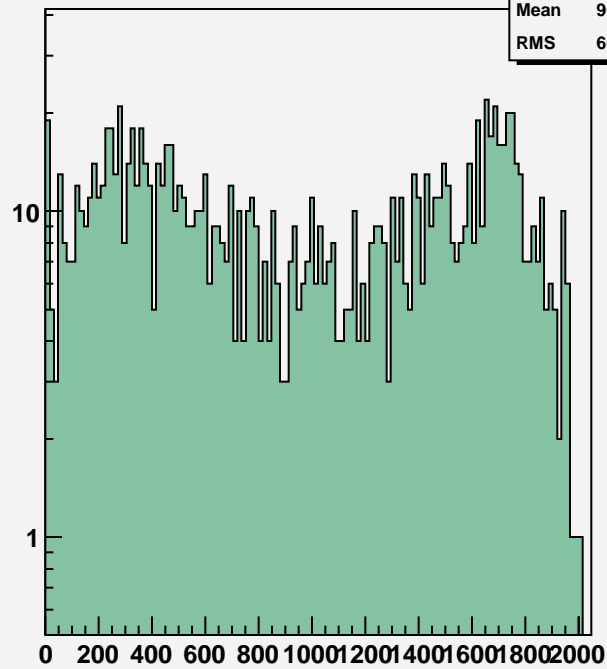
BBC Large-tile AdcSum East

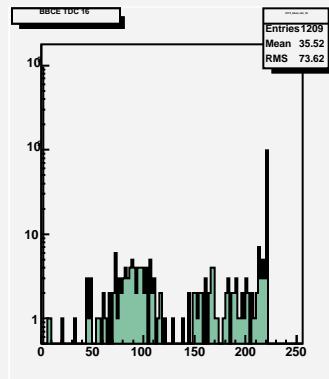
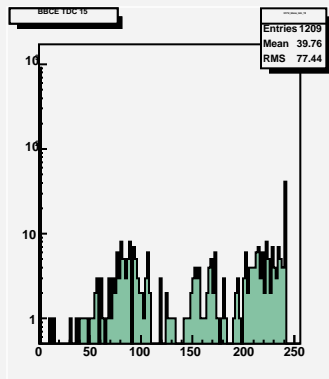
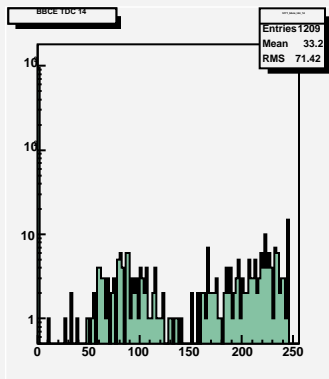
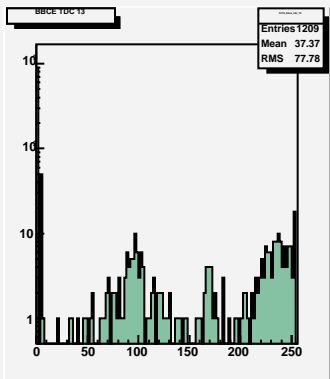
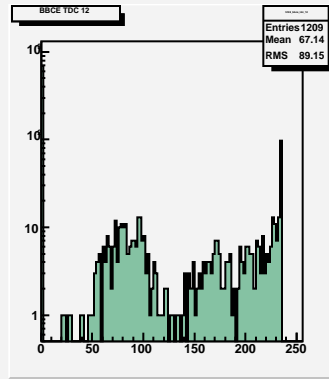
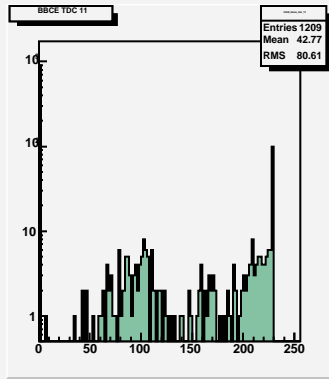
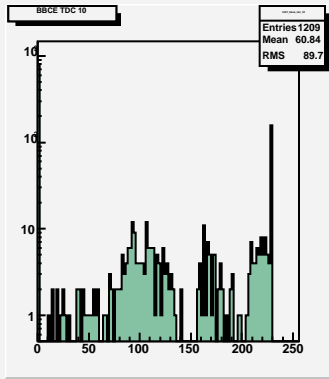
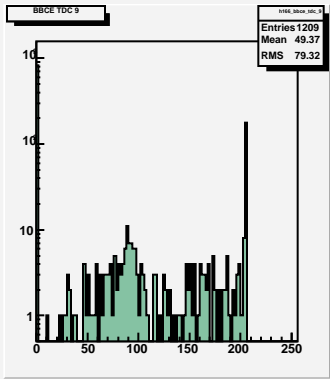
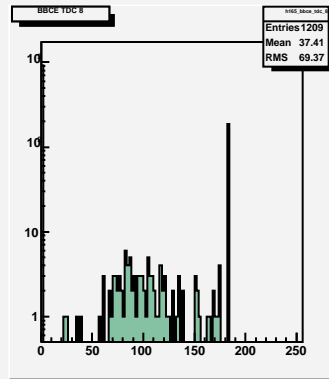
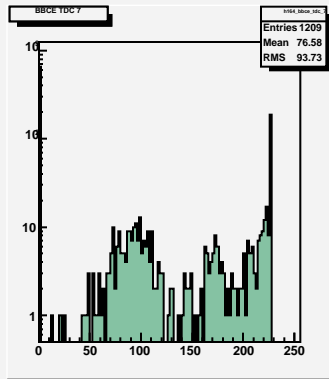
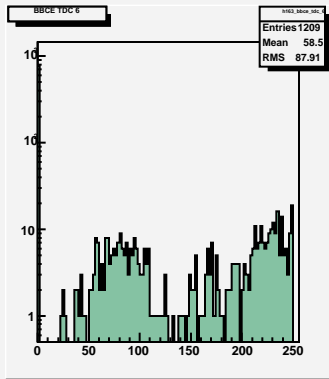
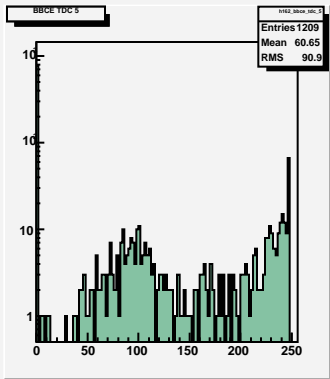
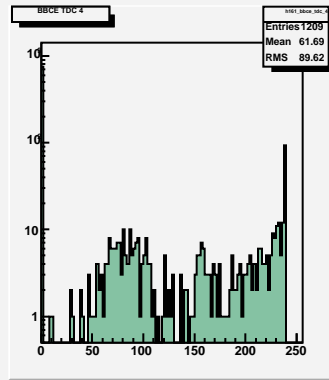
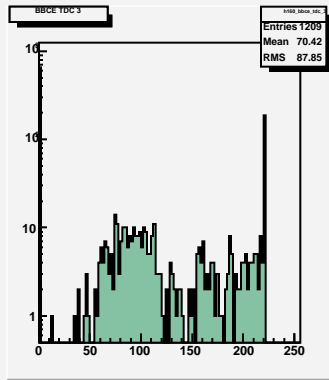
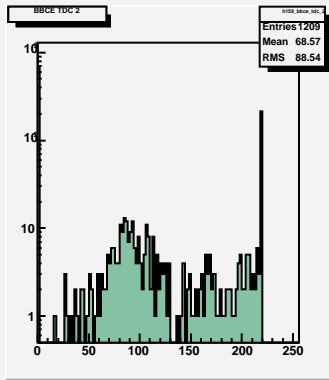
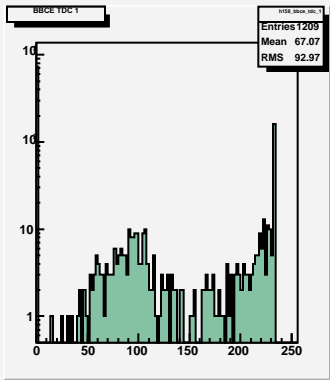
h200_bbc_AdcSum_east
Entries 1209
Mean 418.4
RMS 312.9

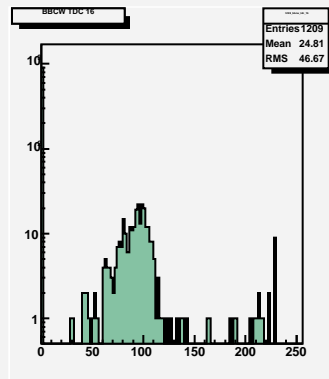
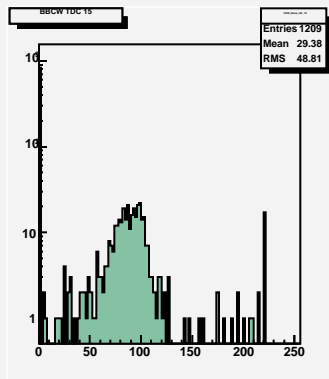
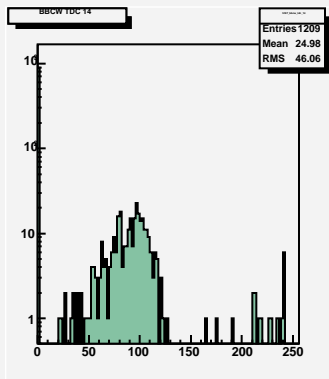
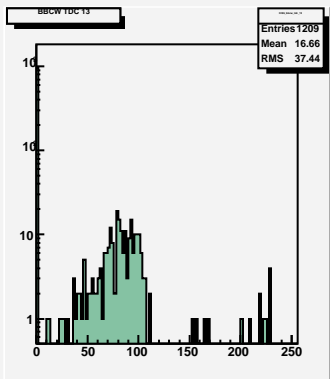
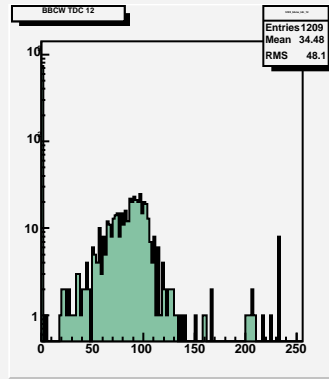
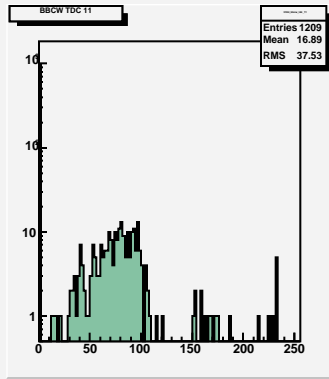
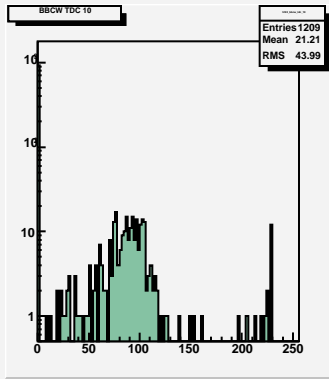
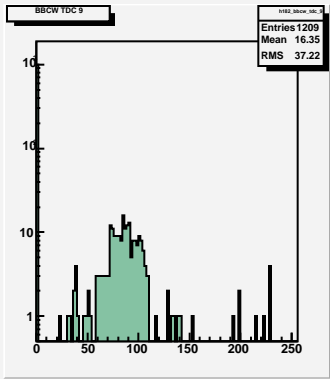
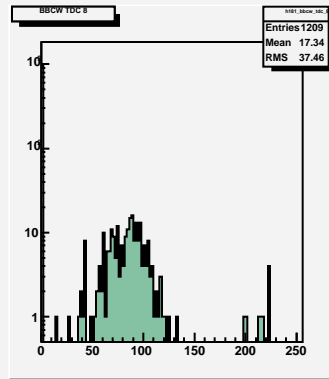
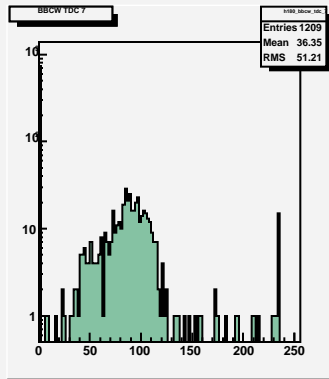
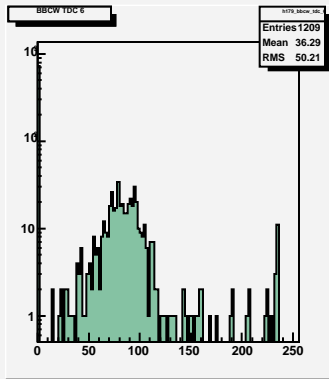
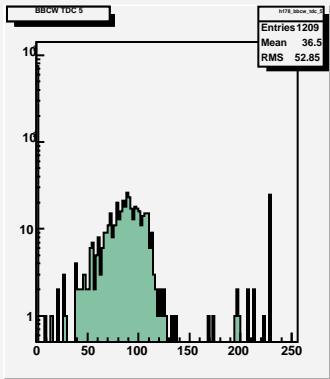
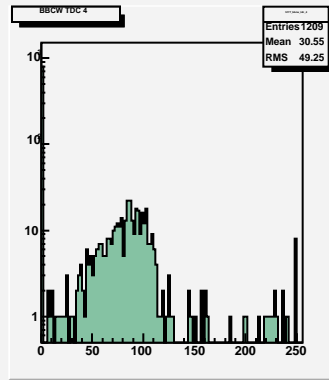
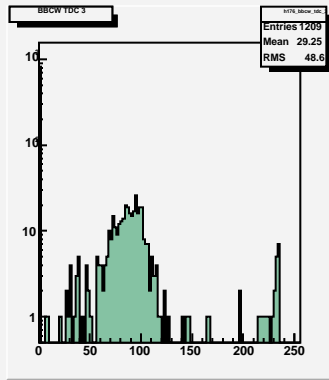
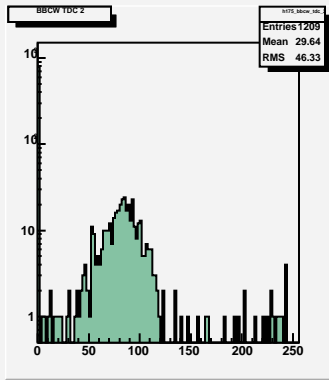
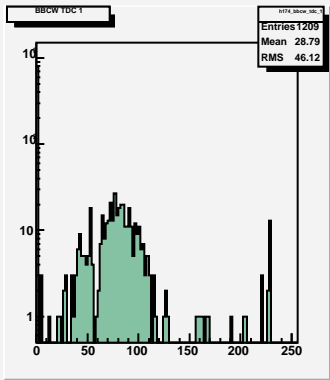


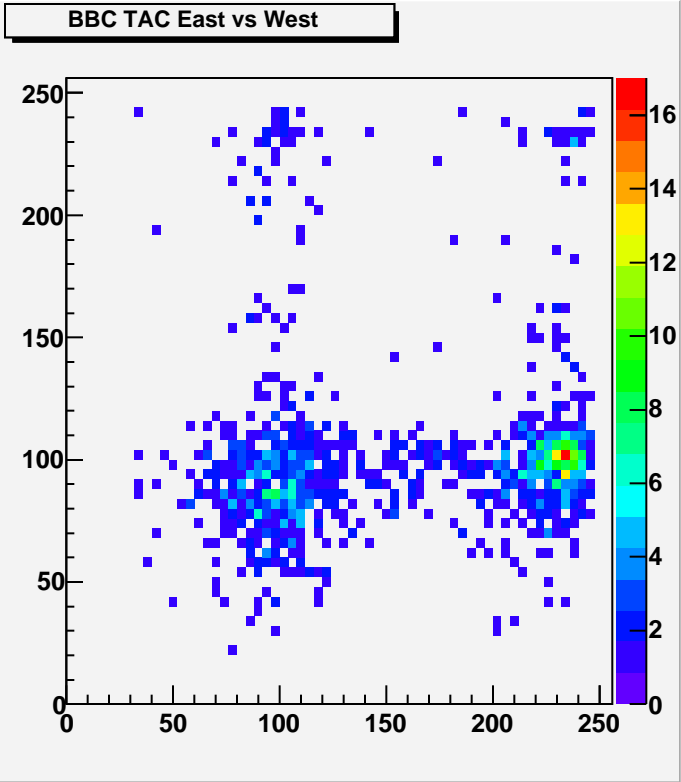
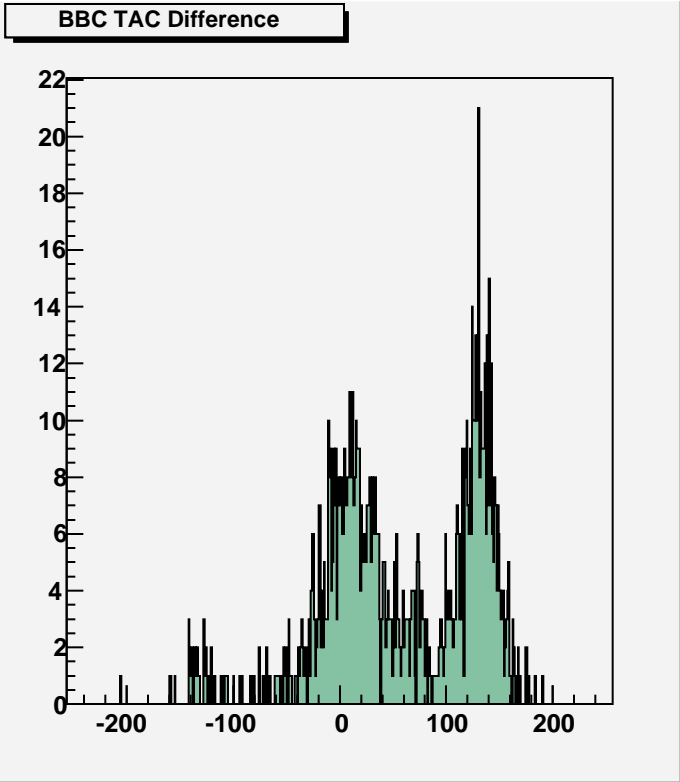
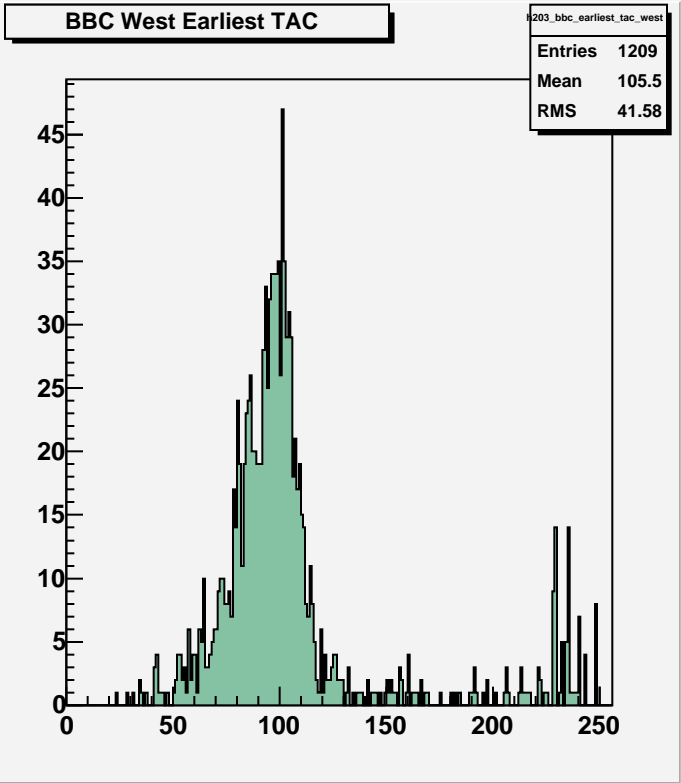
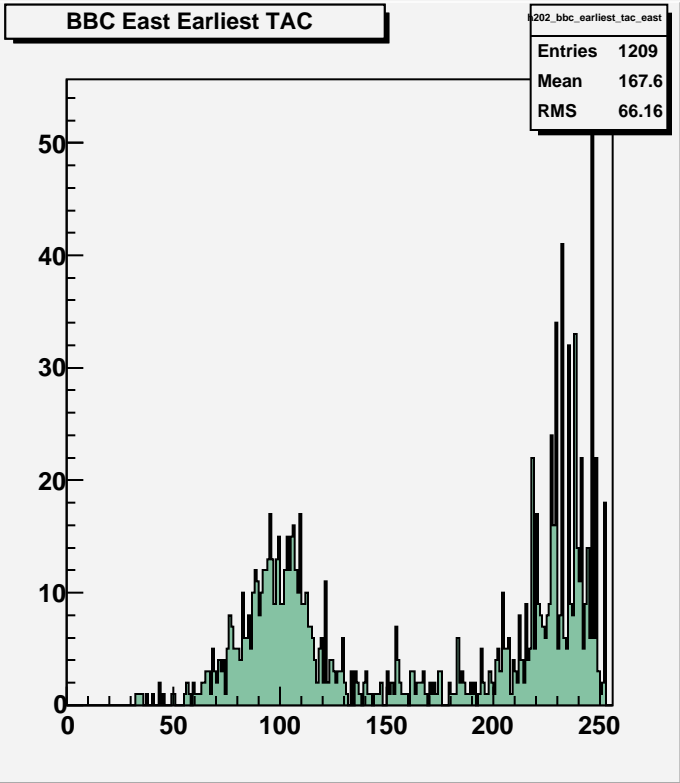
BBC Large-tile AdcSum West

h201_bbc_AdcSum_west
Entries 1209
Mean 964.6
RMS 600.1



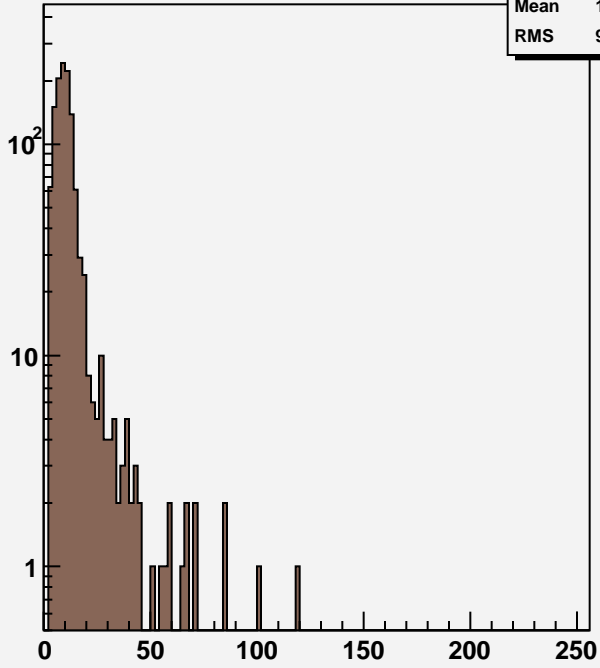






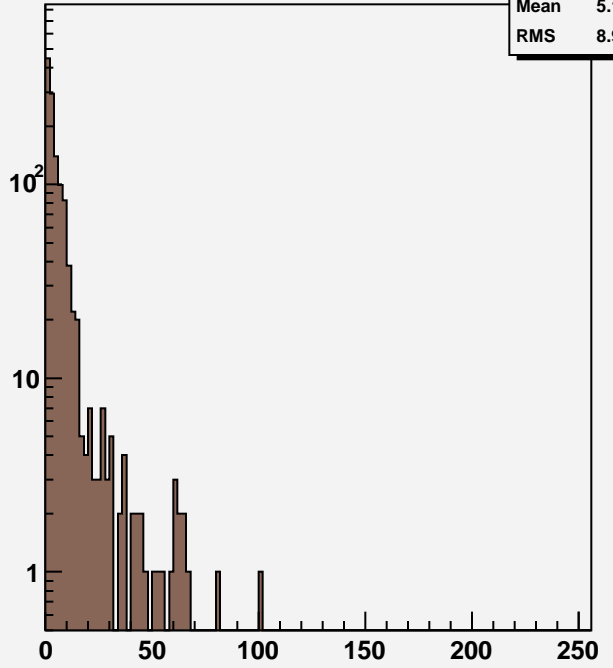
FPD EN AdcSum

h206_fpd_EN_adcsum
Entries 1209
Mean 10.65
RMS 9.075



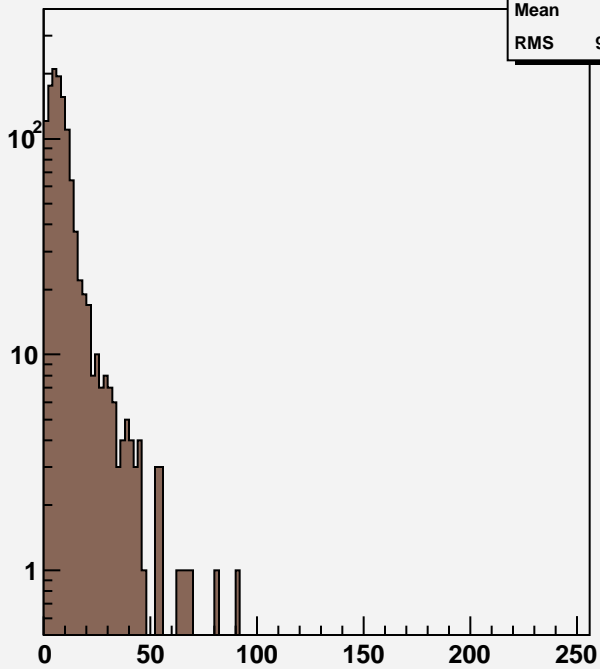
FPD ES AdcSum

h207_fpd_ES_adcsum
Entries 1209
Mean 5.121
RMS 8.955



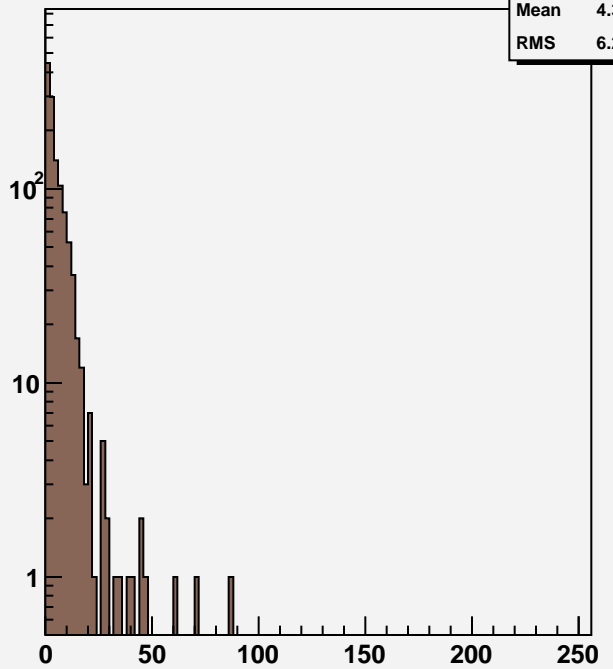
FPD ET AdcSum

h208_fpd_ET_adcsum
Entries 1209
Mean 8.73
RMS 9.261



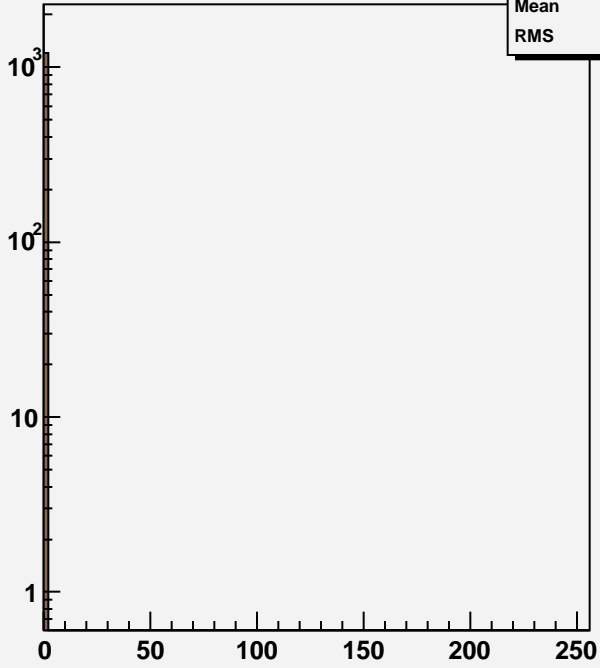
FPD EB AdcSum

h209_fpd_EB_adcsum
Entries 1209
Mean 4.321
RMS 6.278



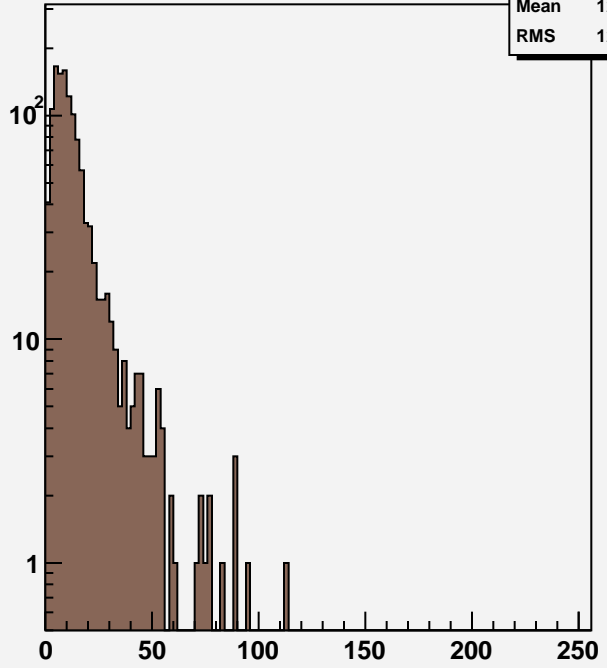
FPD WN AdcSum

h210_fpd_WN_adcsum
Entries 1209
Mean 0
RMS 0



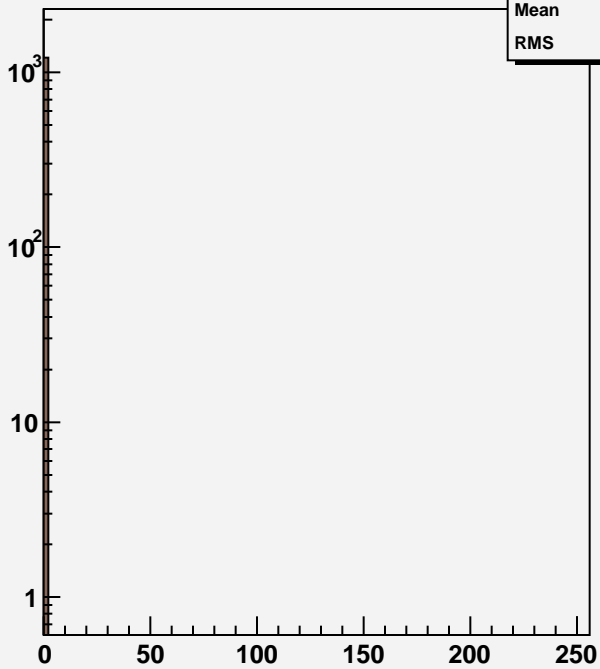
FPD WS AdcSum

h211_fpd_WS_adcsum
Entries 1209
Mean 12.59
RMS 12.31



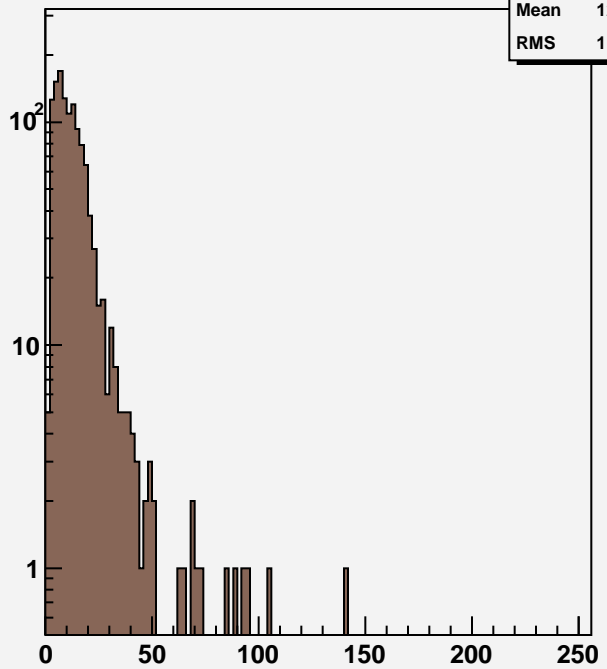
FPD WT AdcSum

h212_fpd_WT_adcsum
Entries 1209
Mean 0
RMS 0



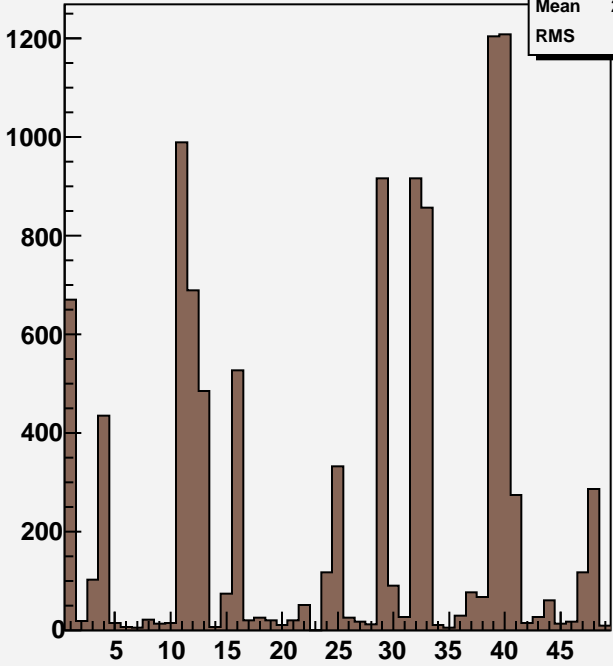
FPD WB AdcSum

h213_fpd_WB_adcsum
Entries 1209
Mean 12.29
RMS 11.02



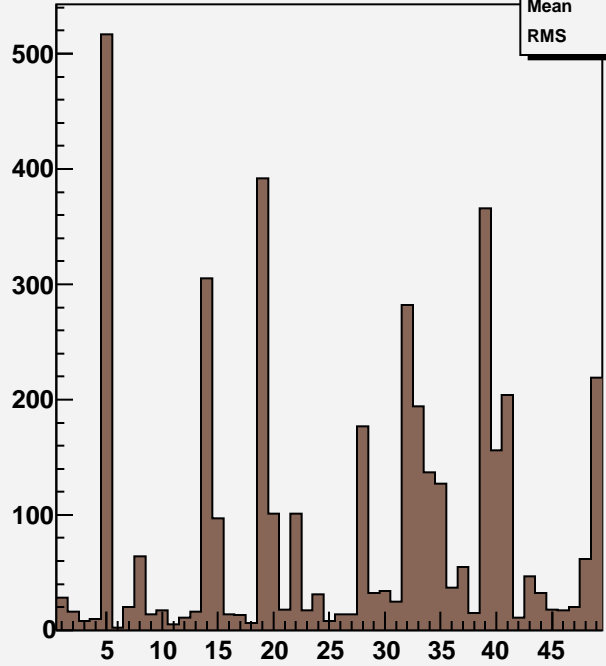
FPD EN Hitmap

h214_fpd_EN_hitmap
Entries 10954
Mean 25.64
RMS 13.77



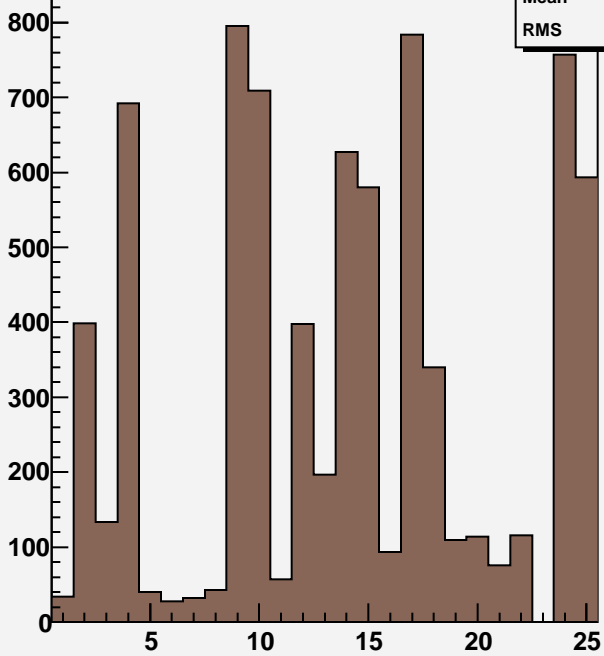
FPD ES Hitmap

h215_fpd_ES_hitmap
Entries 4126
Mean 26.57
RMS 13.71



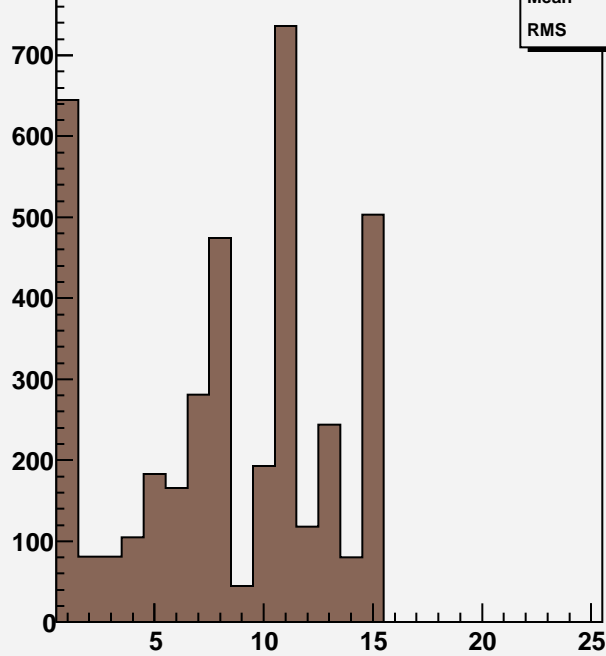
FPD ET Hitmap

h216_fpd_ET_hitmap
Entries 7749
Mean 13.82
RMS 6.9



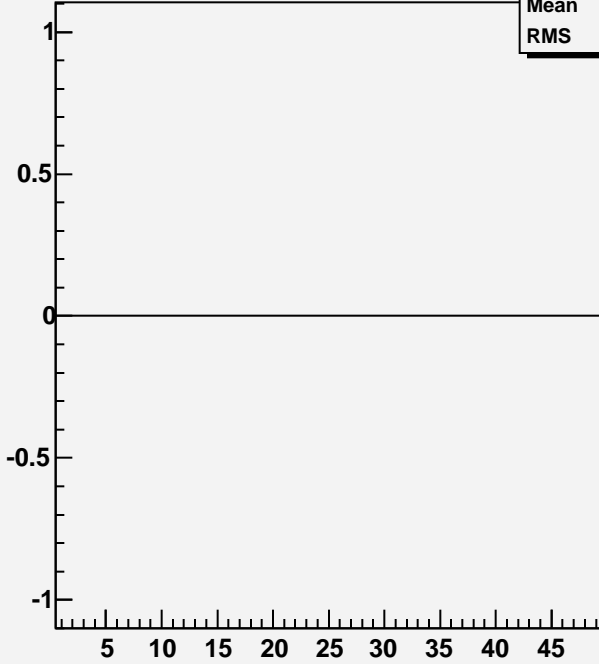
FPD EB Hitmap

h217_fpd_EB_hitmap
Entries 3935
Mean 8.342
RMS 4.601



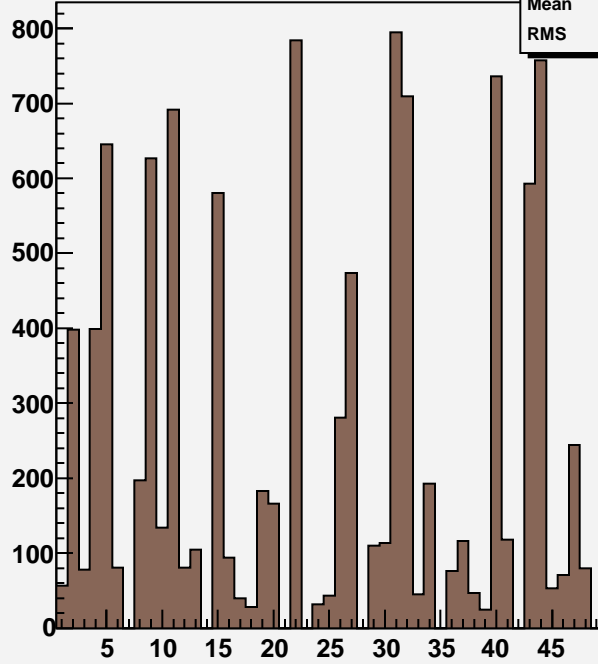
FPD WN Hitmap

h218_fpd_WN_hitmap	
Entries	0
Mean	0
RMS	0



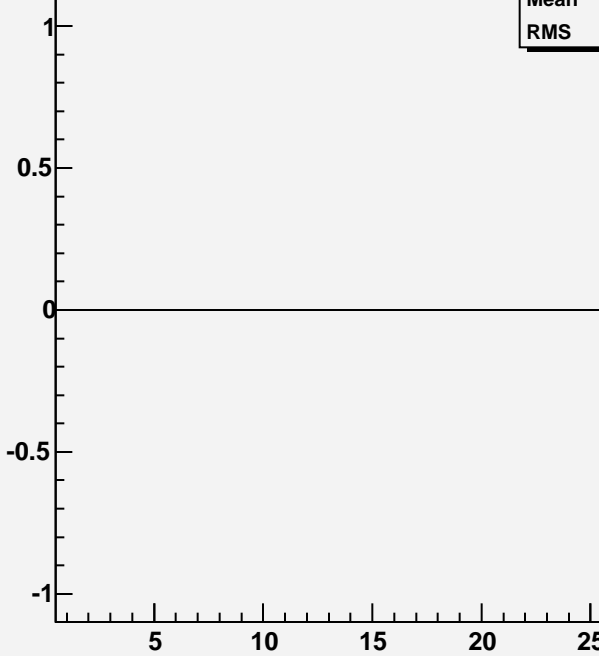
FPD WS Hitmap

h219_fpd_WS_hitmap	
Entries	11081
Mean	24.2
RMS	14.21



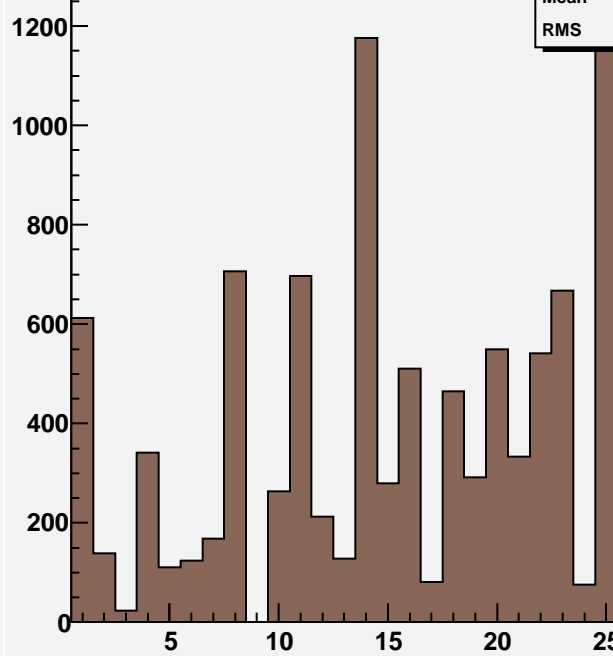
FPD WT Hitmap

h220_fpd_WT_hitmap	
Entries	0
Mean	0
RMS	0



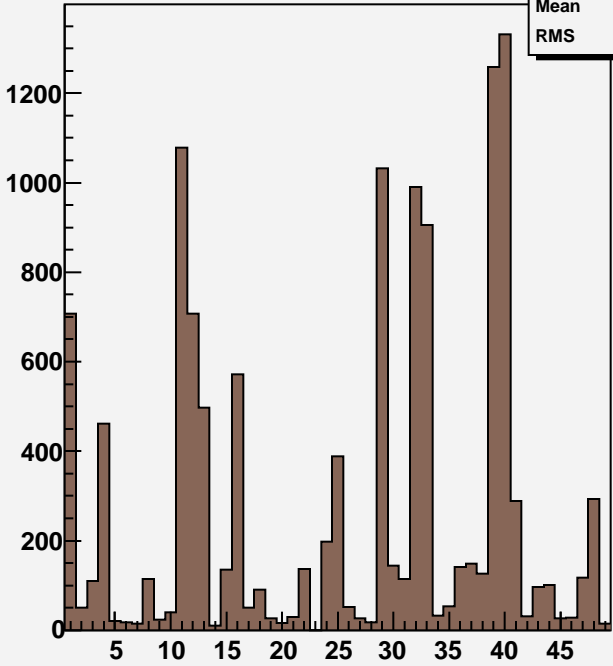
FPD WB Hitmap

h221_fpd_WB_hitmap	
Entries	9699
Mean	15.07
RMS	7.229



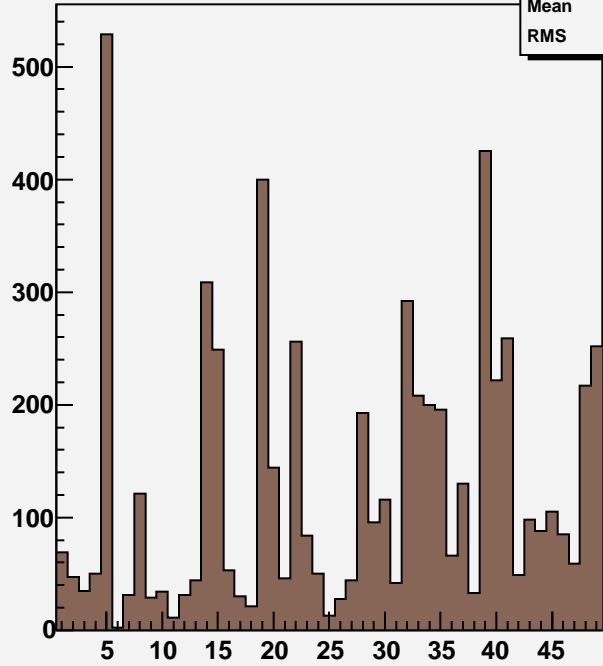
FPD EN weighted Hitmap

h222_fpd_EN_weighted_hitmap
Entries 10954
Mean 25.76
RMS 13.55



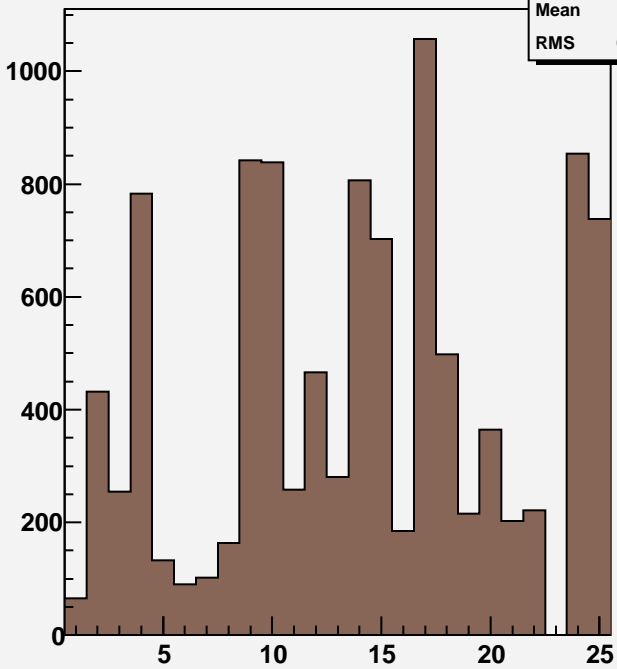
FPD ES weighted Hitmap

h223_fpd_ES_weighted_hitmap
Entries 4126
Mean 27.44
RMS 13.88



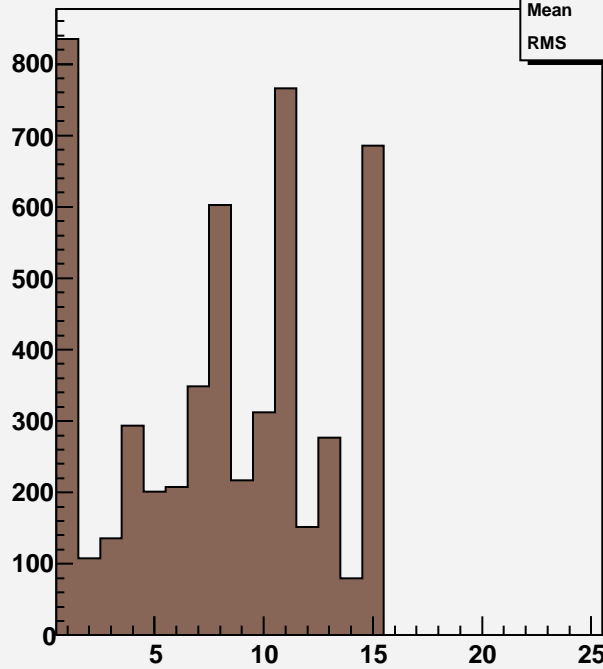
FPD ET weighted Hitmap

h224_fpd_ET_weighted_hitmap
Entries 7749
Mean 13.96
RMS 6.779



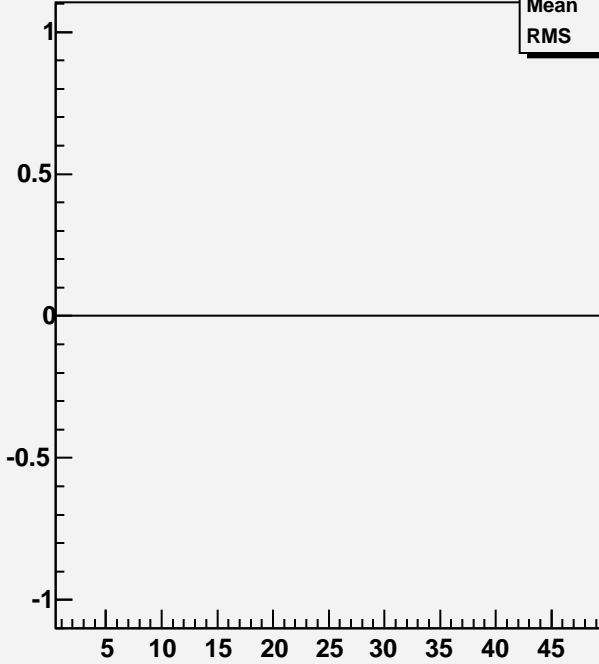
FPD EB weighted Hitmap

h225_fpd_EB_weighted_hitmap
Entries 3935
Mean 8.133
RMS 4.589



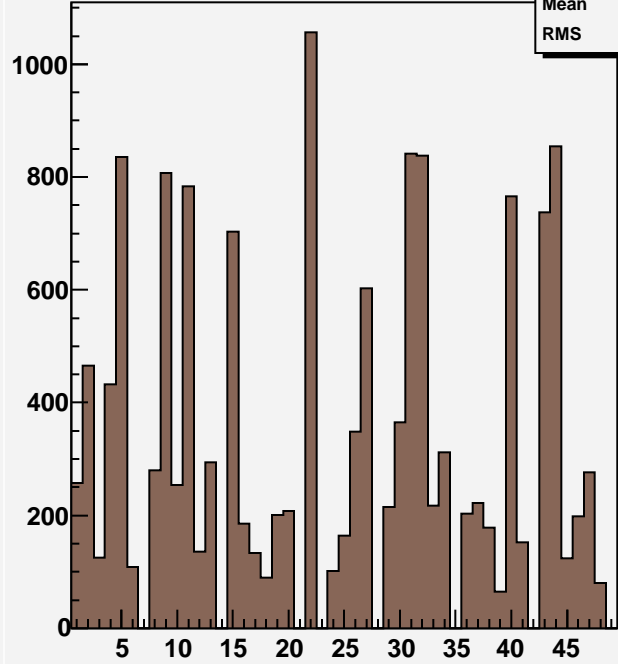
FPD WN weighted Hitmap

h226_fpd_WN_weighted_hitmap
Entries 0
Mean 0
RMS 0



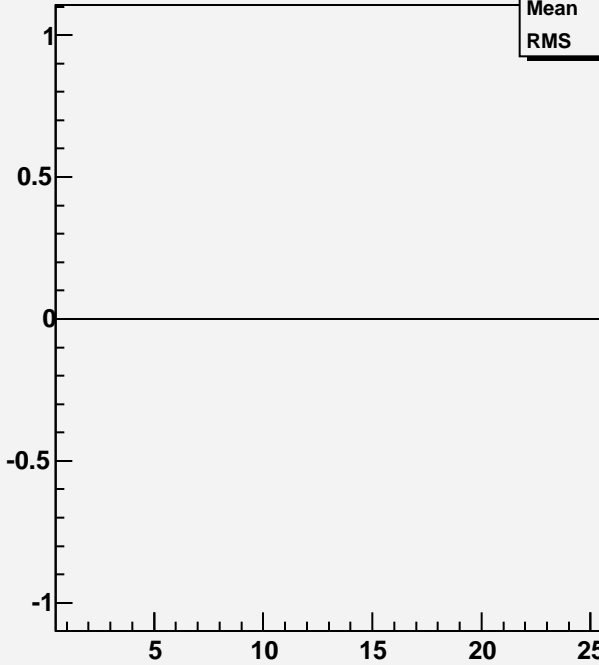
FPD WS weighted Hitmap

h227_fpd_WS_weighted_hitmap
Entries 11081
Mean 23.99
RMS 14



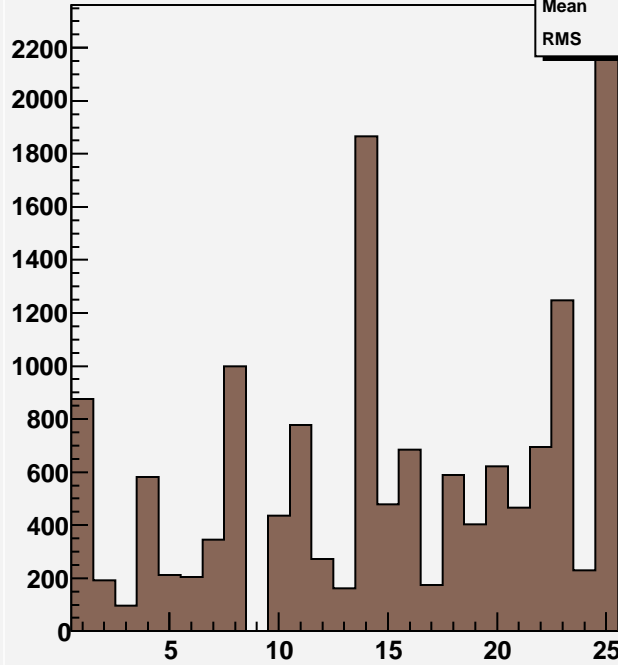
FPD WT weighted Hitmap

h228_fpd_WT_weighted_hitmap
Entries 0
Mean 0
RMS 0



FPD WB weighted Hitmap

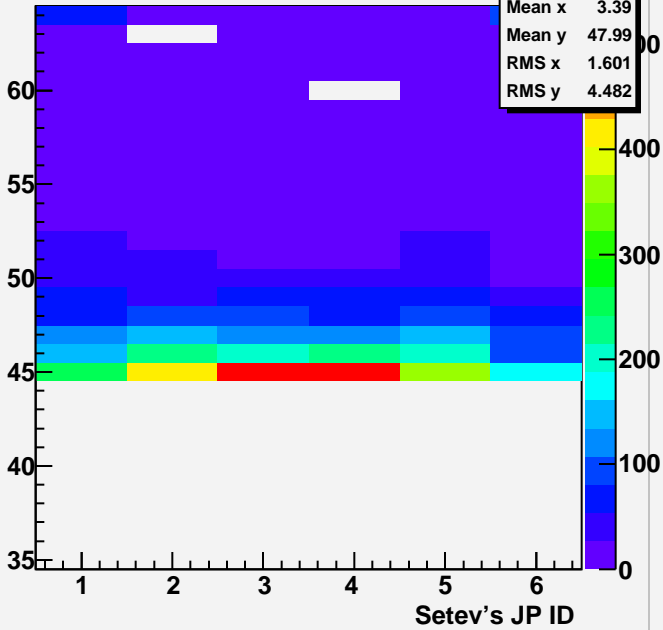
h229_fpd_WB_weighted_hitmap
Entries 9699
Mean 15.36
RMS 7.457



Zoom in of 1x1 JP pedestals

JPpedZoom

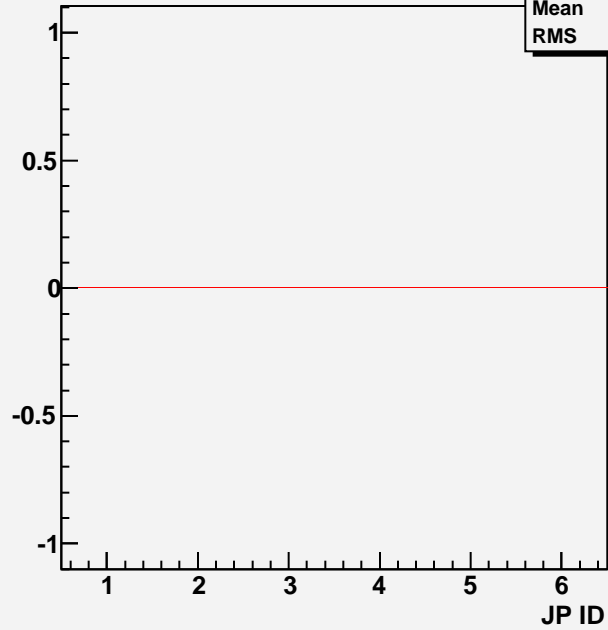
Entries 7254
Mean x 3.39
Mean y 47.99
RMS x 1.601
RMS y 4.482



Corruption per JP

JPtotCor

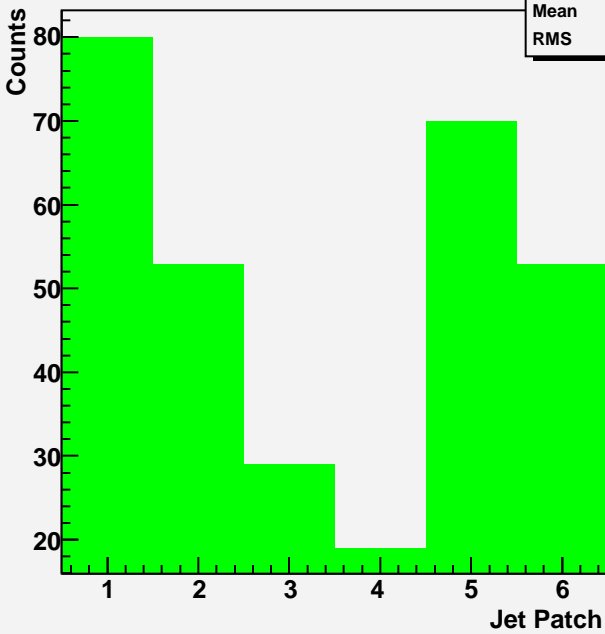
Entries 0
Mean 0
RMS 0



Emu Jet Patch > Thr0=54

JPsumTh1

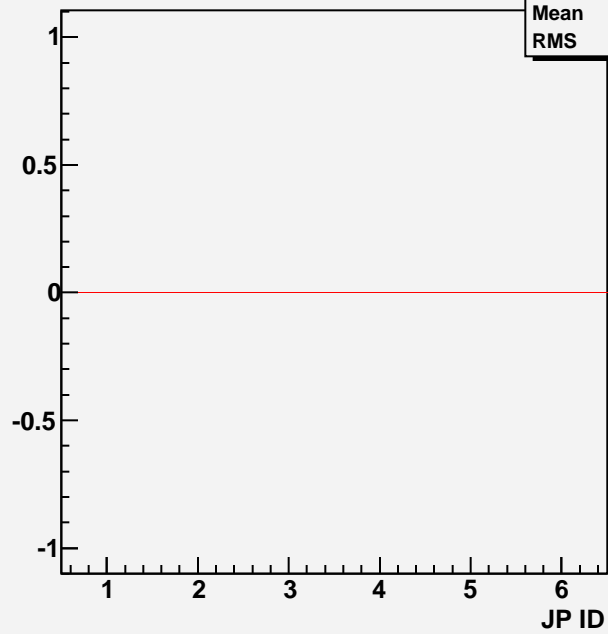
Entries 304
Mean 3.345
RMS 1.913



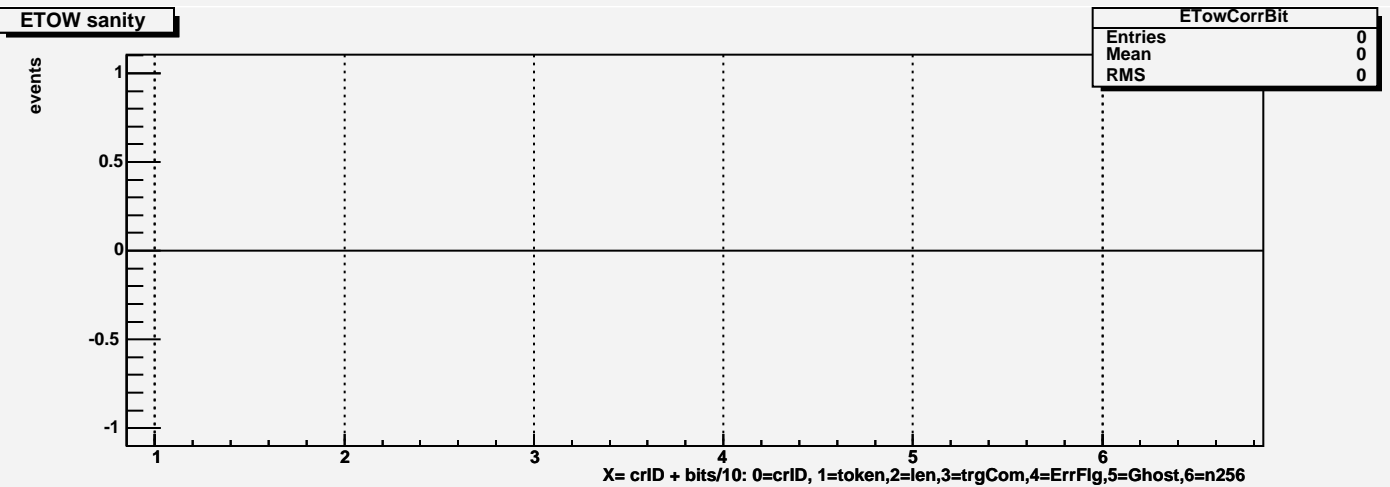
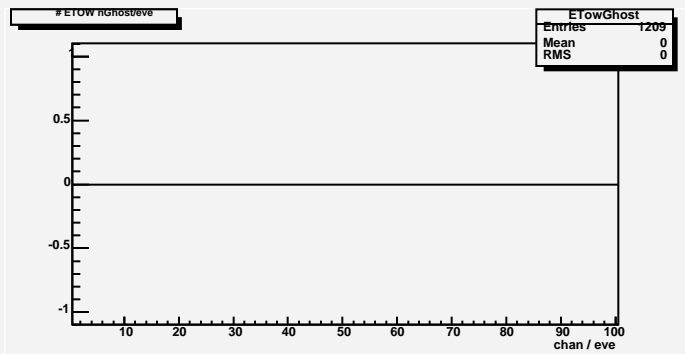
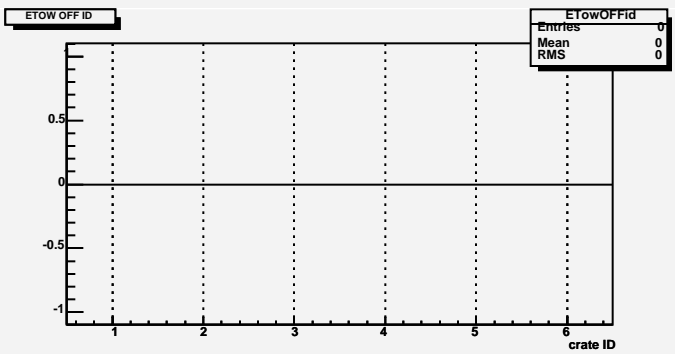
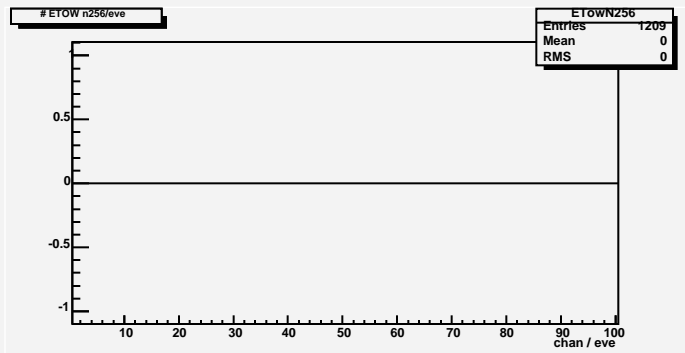
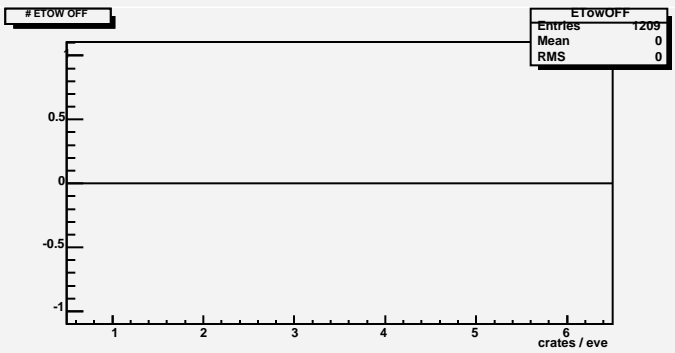
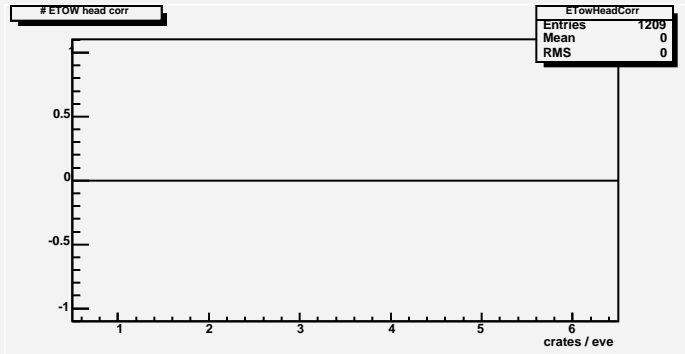
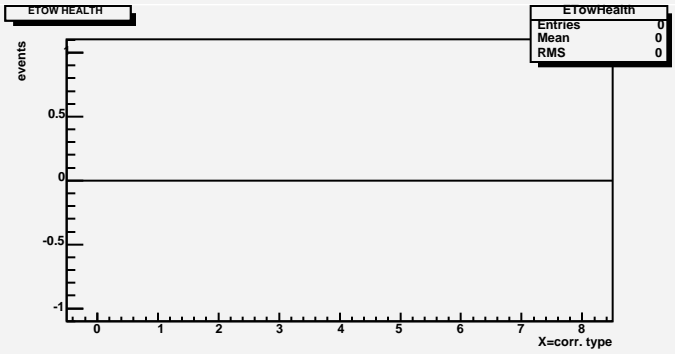
Hot towers per JP

JPpedHot

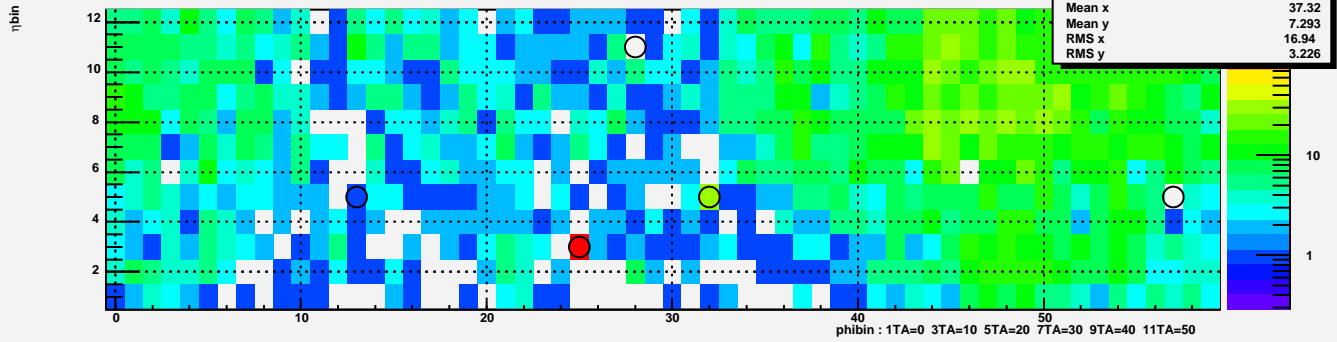
Entries 0
Mean 0
RMS 0



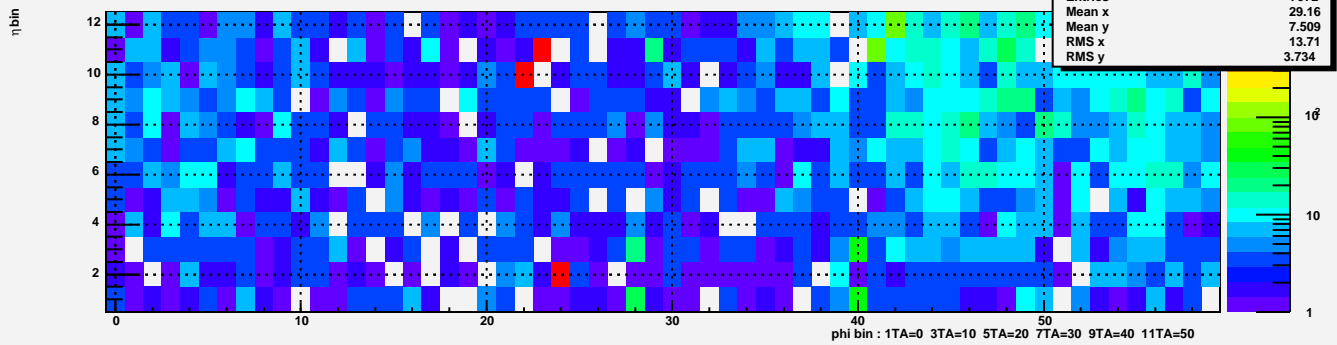
ETOW masked (cr-ch-name): 1-97-12TC05, 3-81-03TD05, 4-46-06TD11,
4-18-06TA03, 4-117-07TC05,



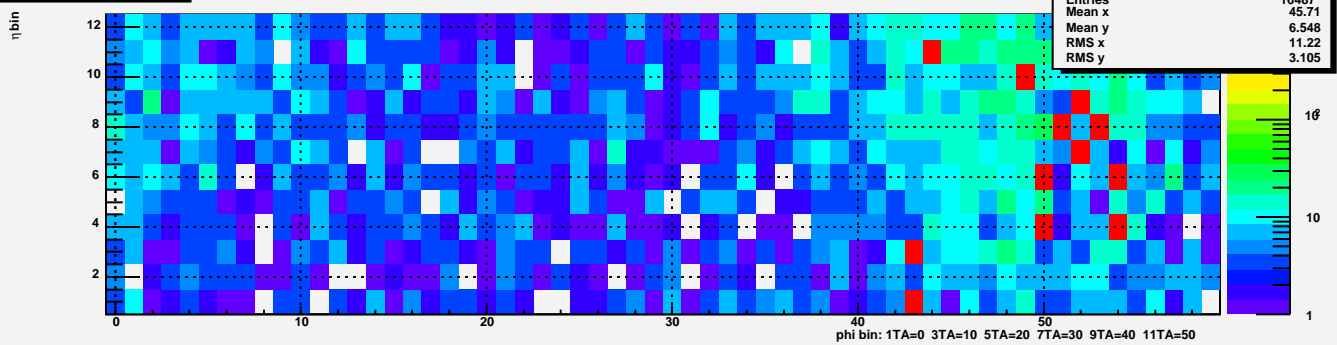
Lower hits>ped+40



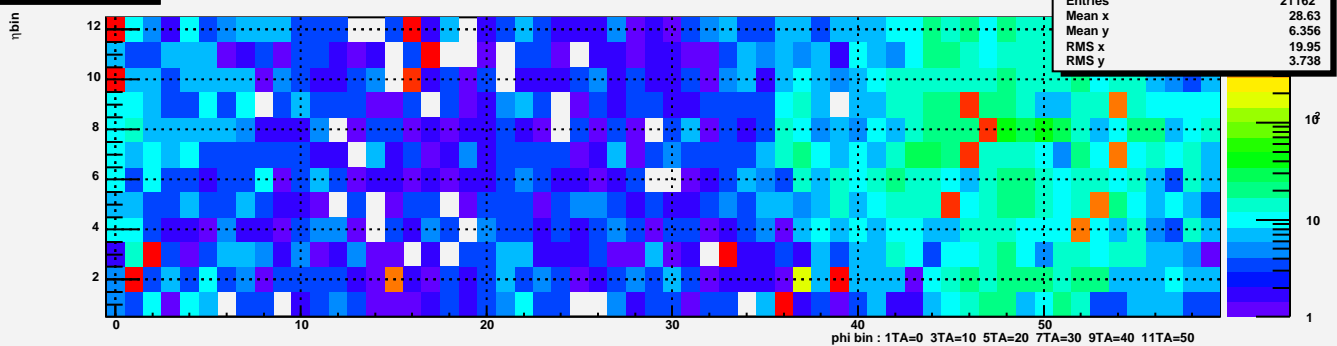
pres-1 hits>ped+200

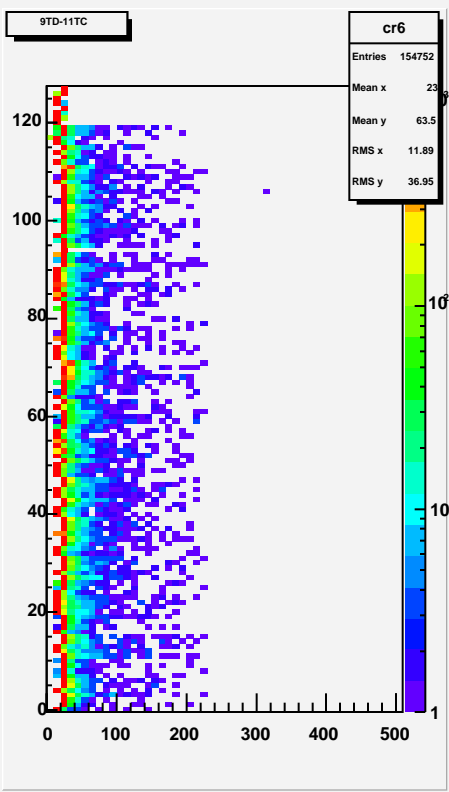
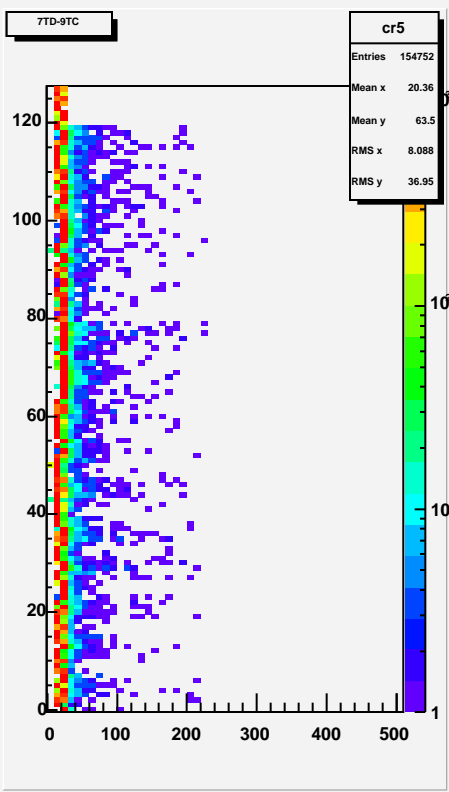
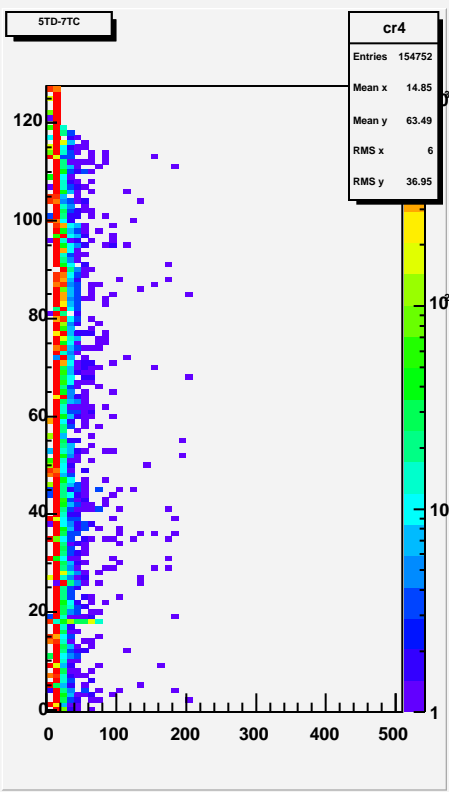
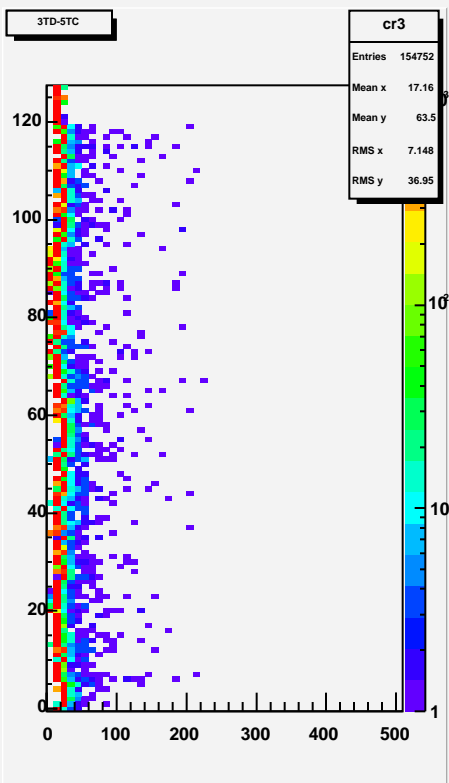
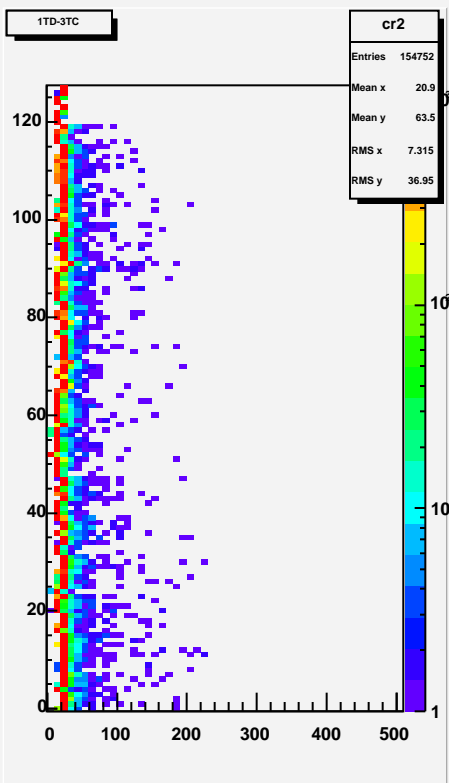
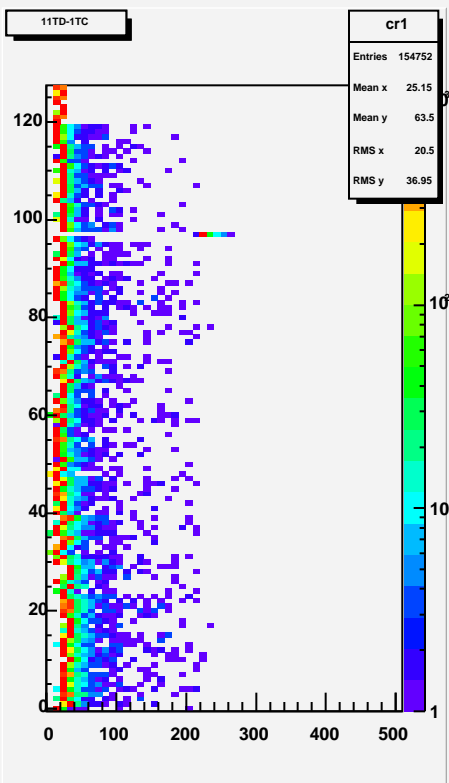


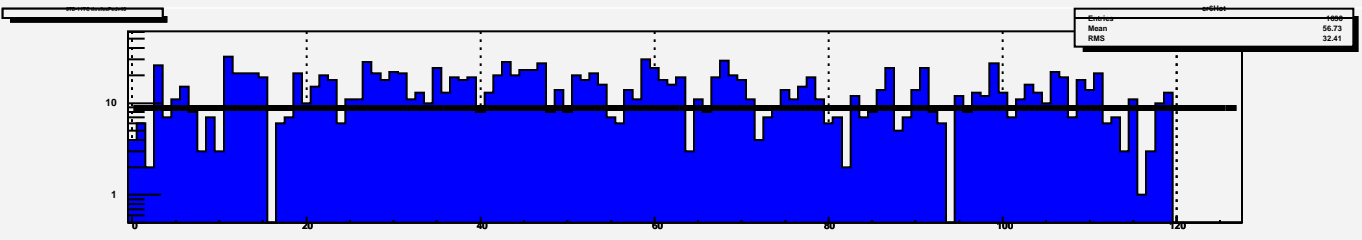
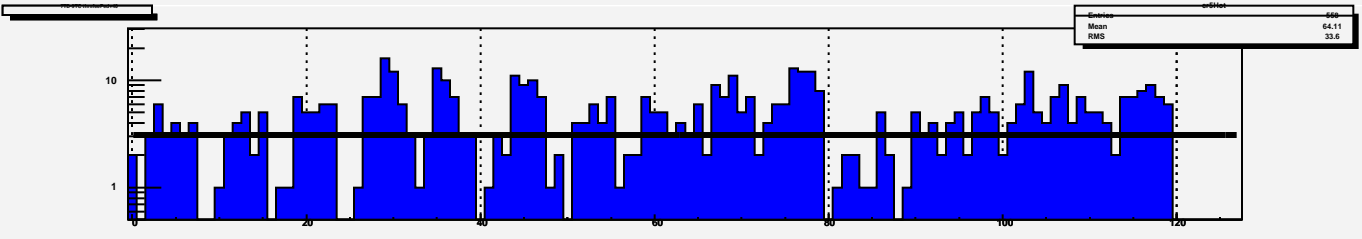
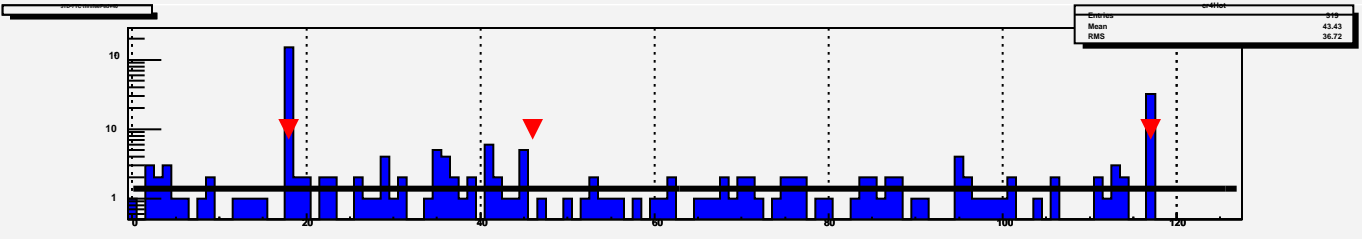
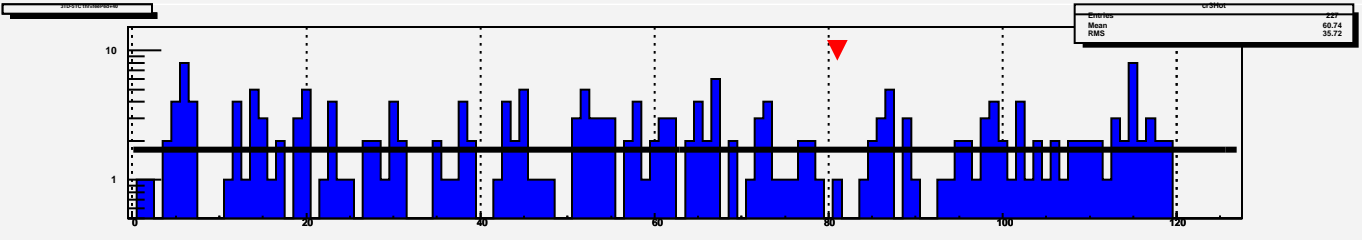
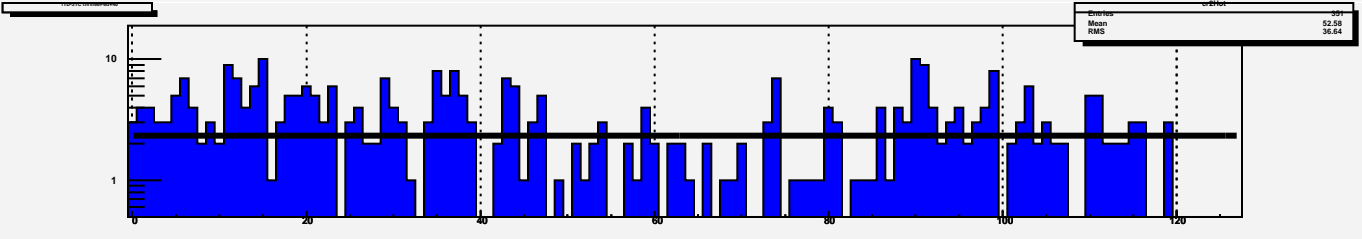
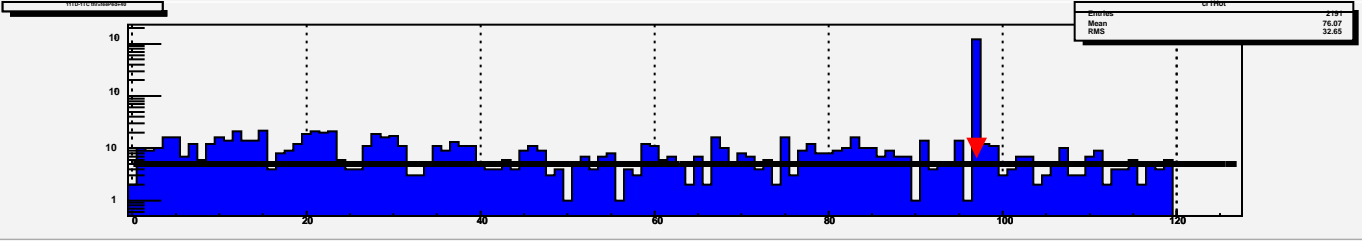
pres-2 hits>ped+200



post hits>ped+50

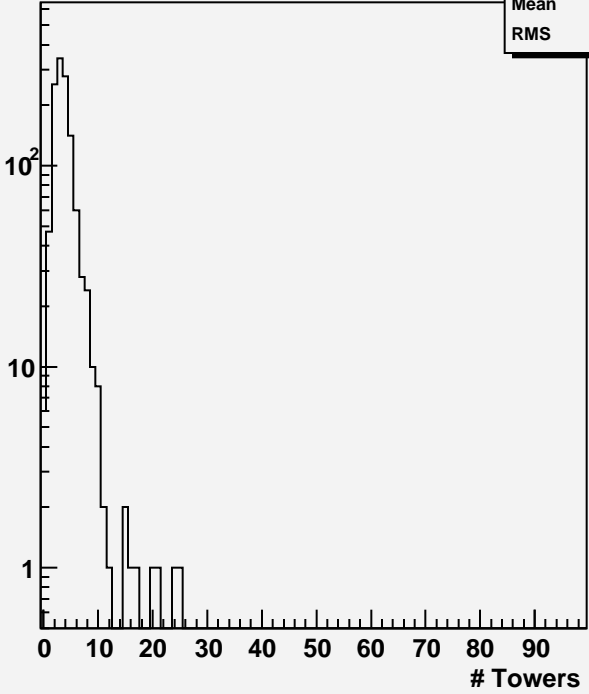






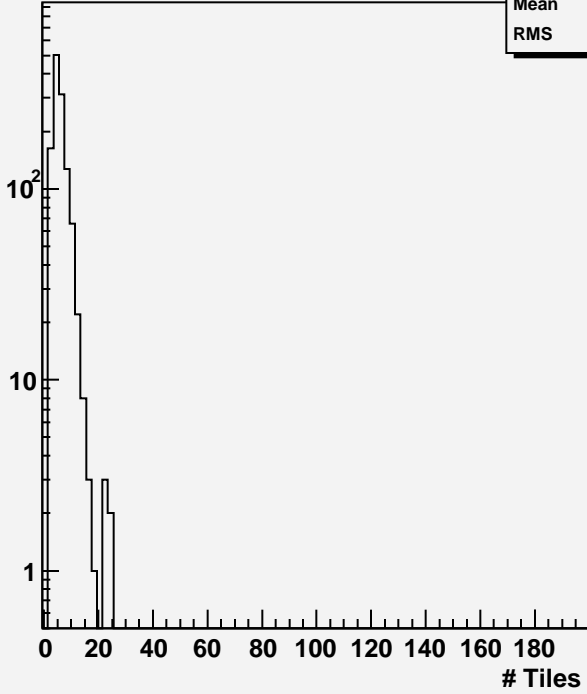
Tower w/ adc>ped+40

HTow	
Entries	1209
Mean	3.725
RMS	2.121



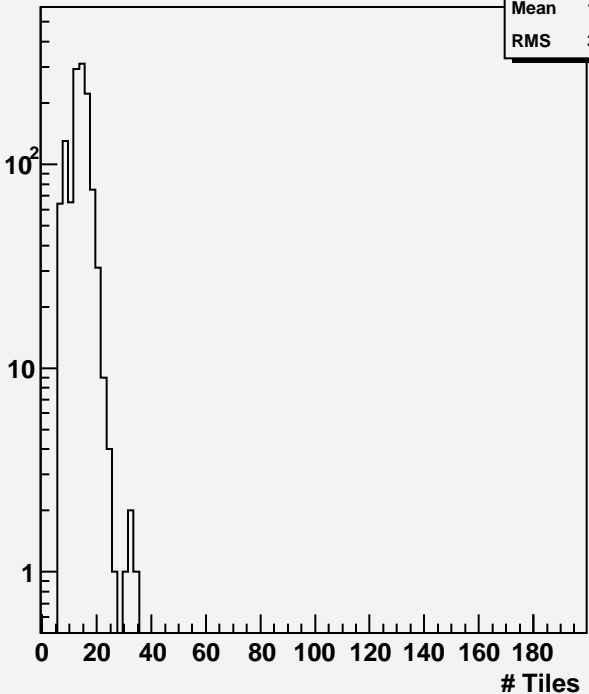
Pre-1 w/ adc>ped+200

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Entries	1209
Mean	5.849
RMS	2.611



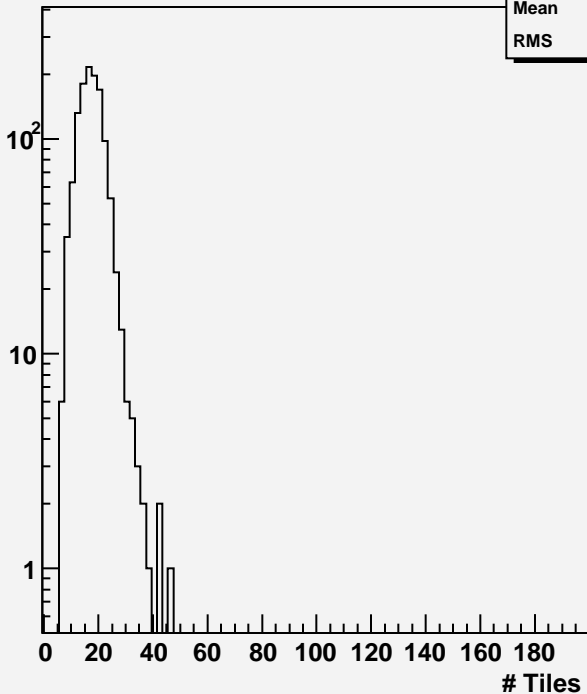
Pre-2 w/ adc>ped+200

HPre2	
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Mean	13.64
RMS	3.584

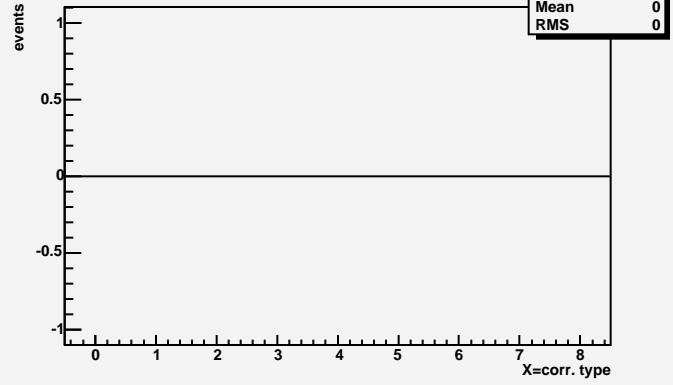


Post w/ adc>ped+200

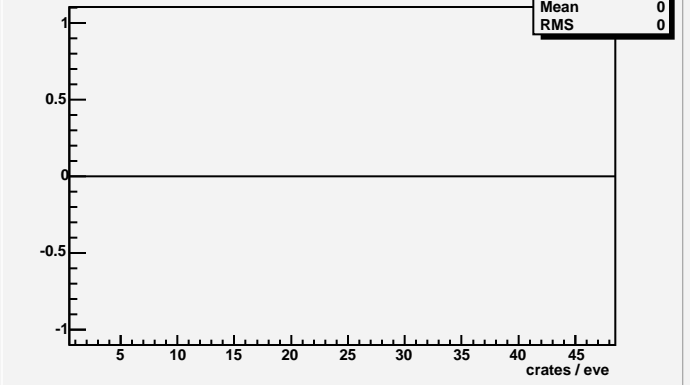
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Entries	1209
Mean	17.5
RMS	4.805



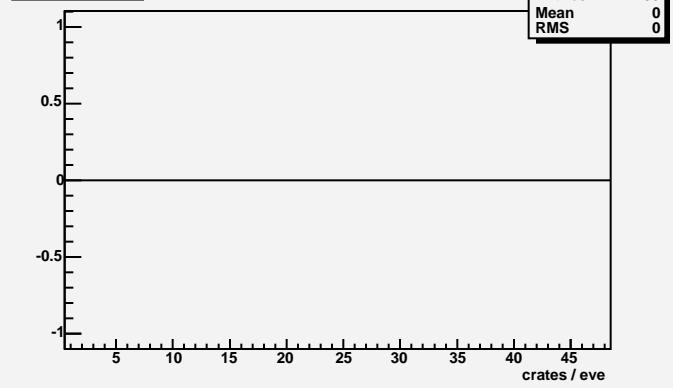
ESMD HEALTH



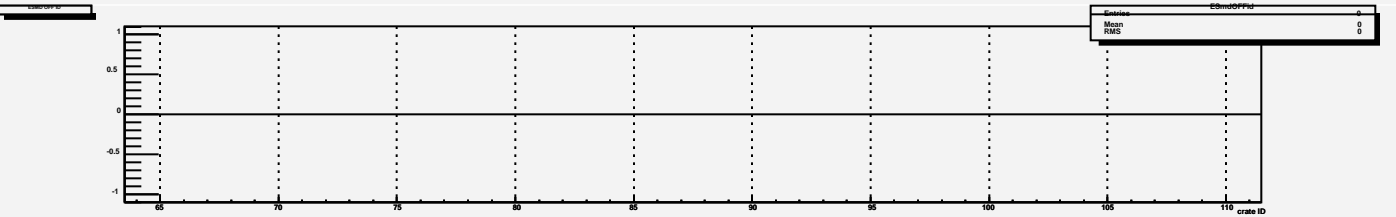
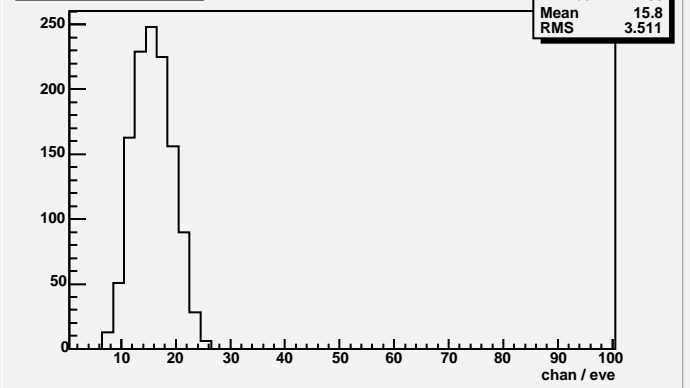
ESMD head corr



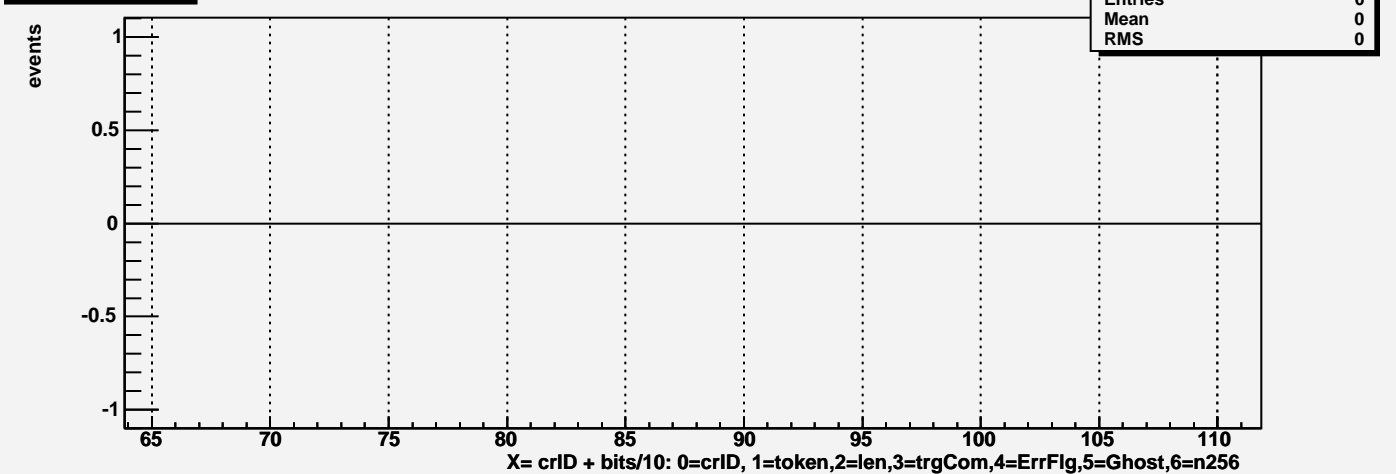
ESMD OFF



ESMD n256/eve

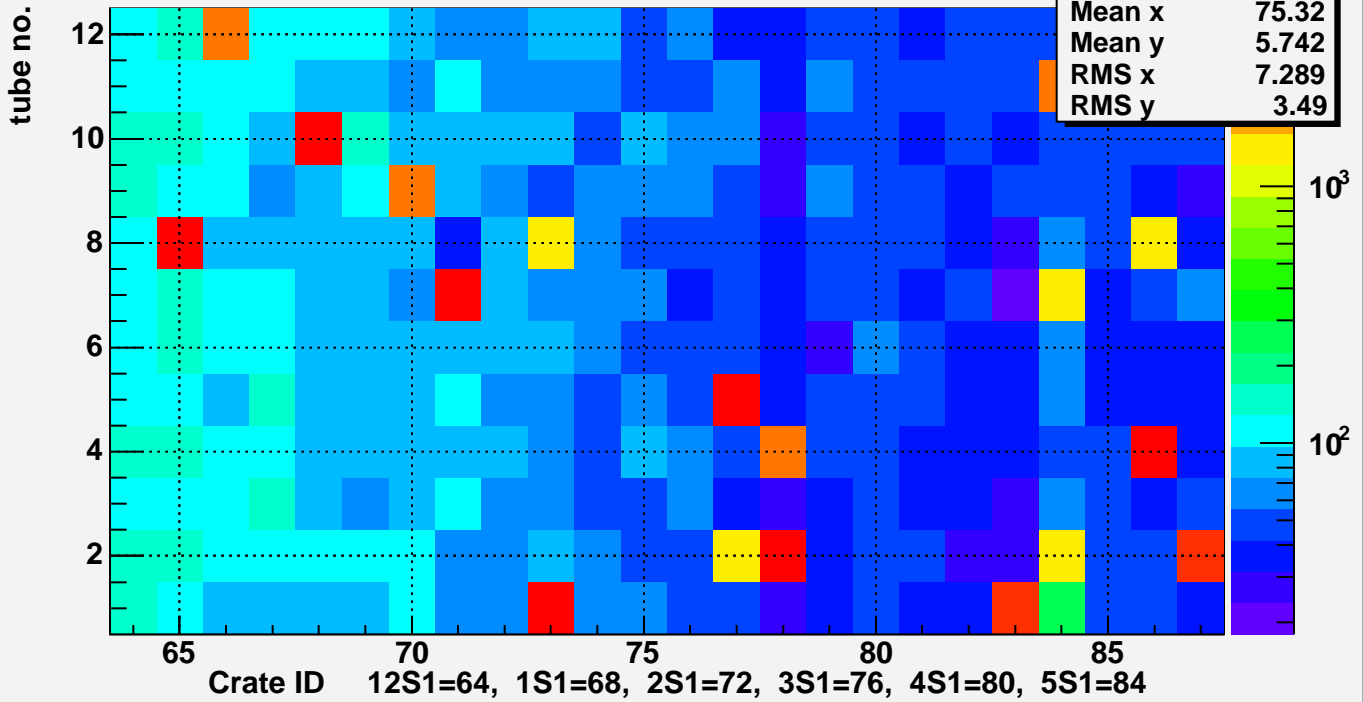


ESMD sanity



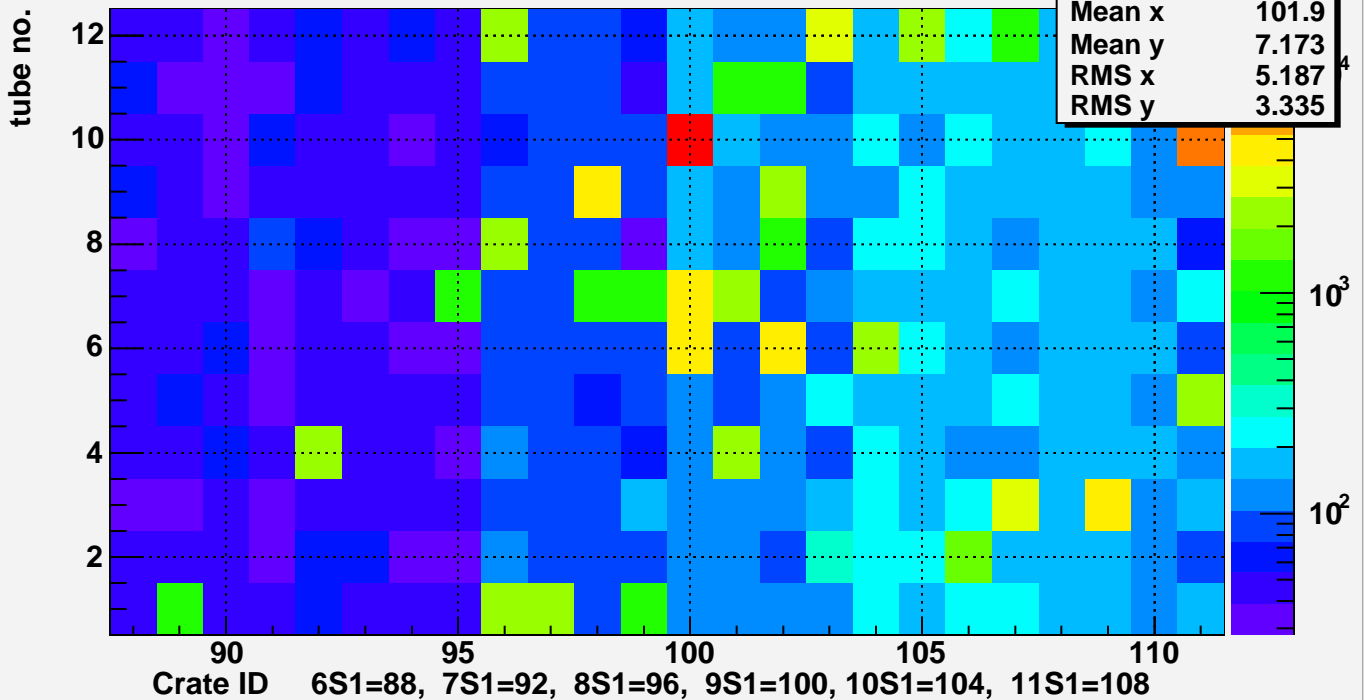
MAPMT Hits adc>ped+thr

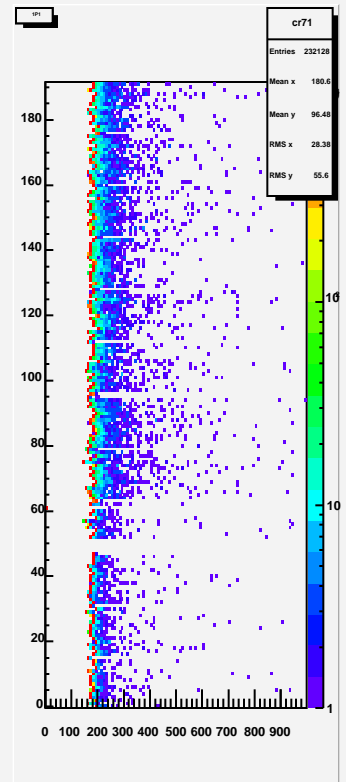
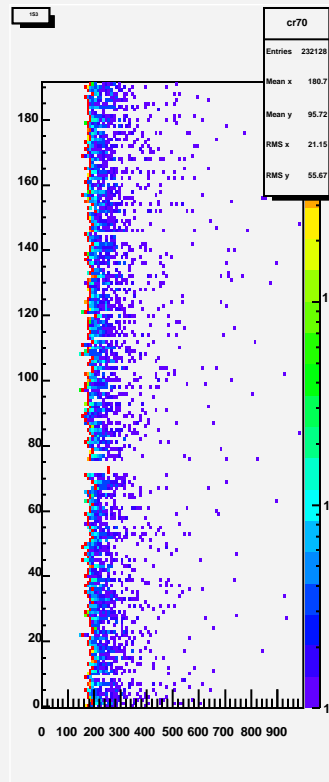
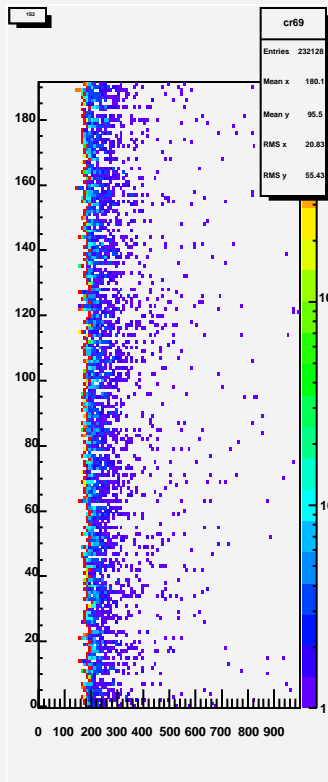
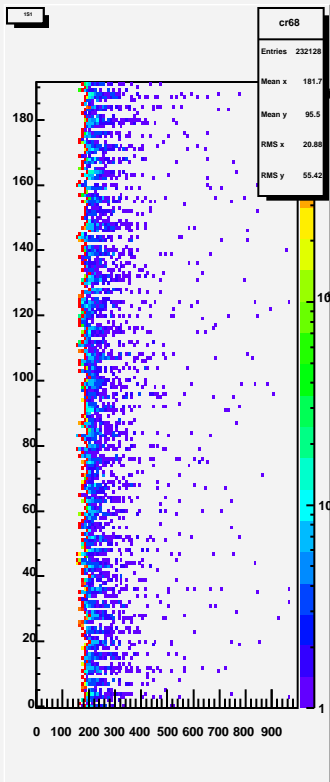
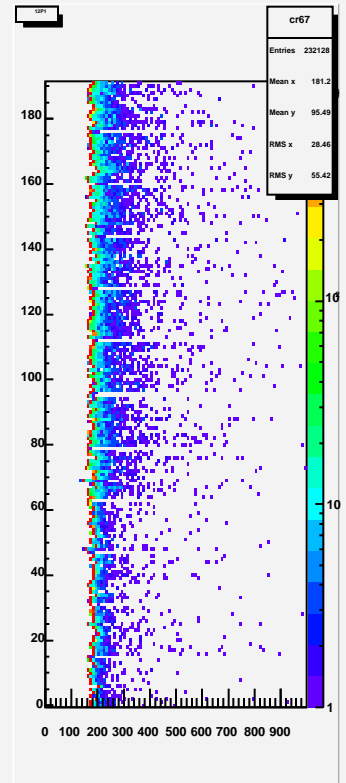
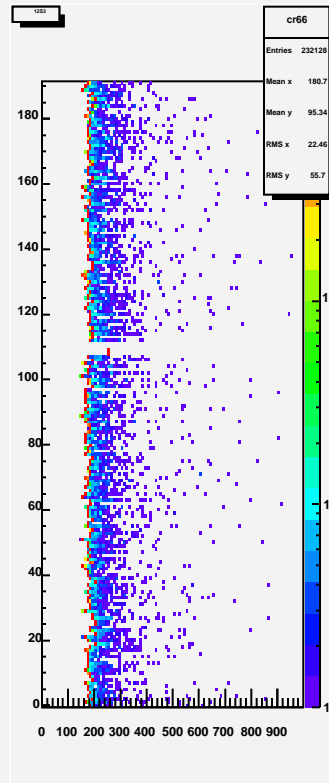
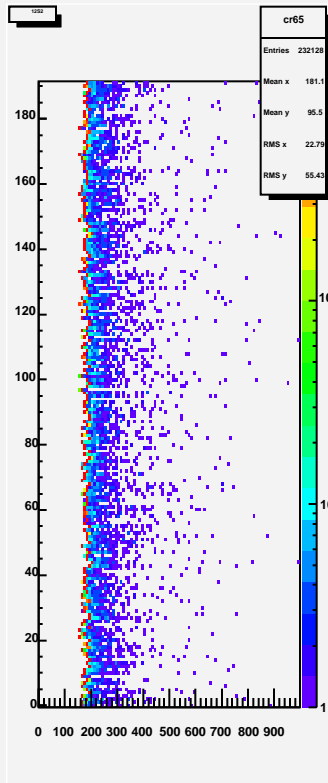
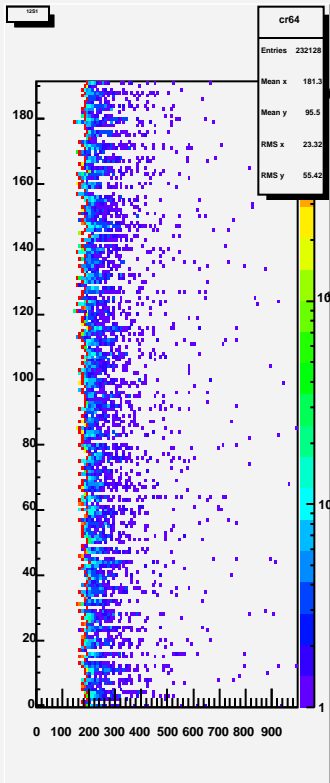
MAPMHits	
Entries	202423
Mean x	75.32
Mean y	5.742
RMS x	7.289
RMS y	3.49

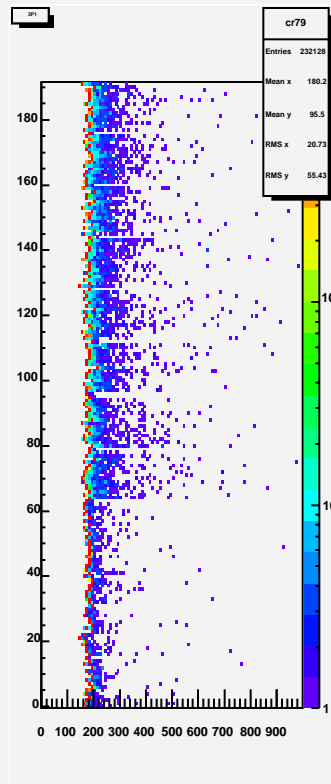
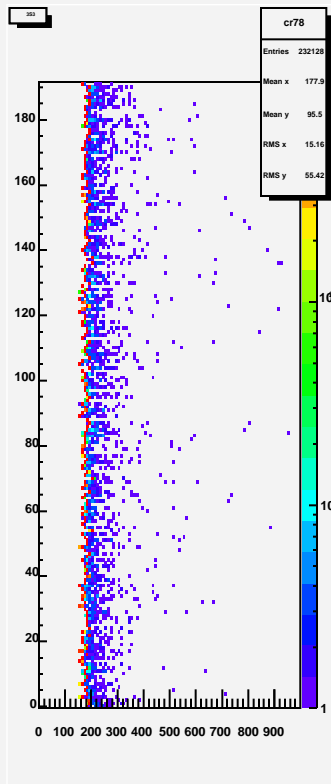
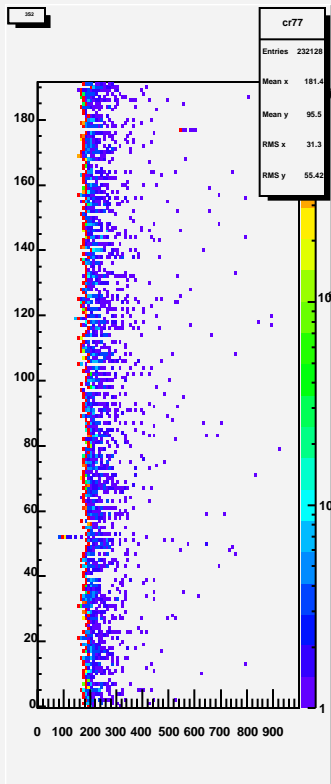
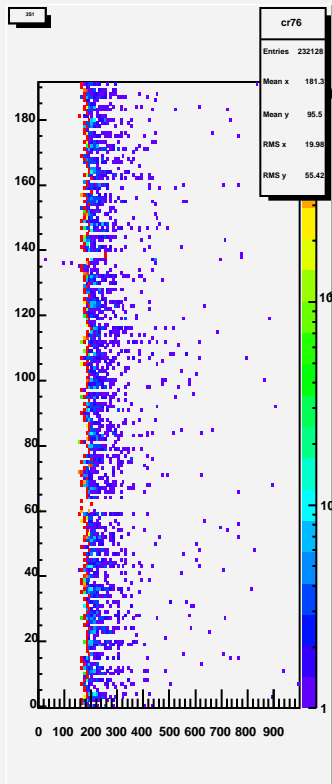
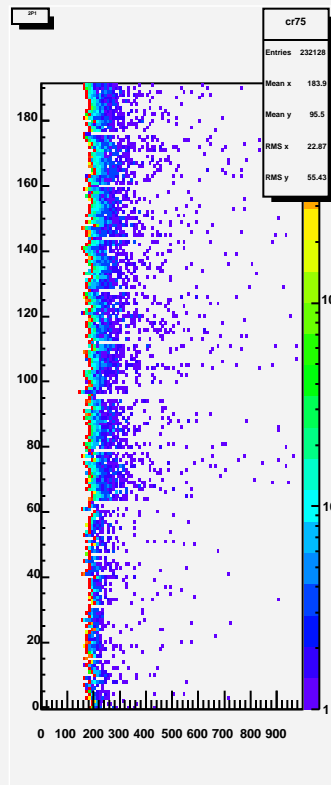
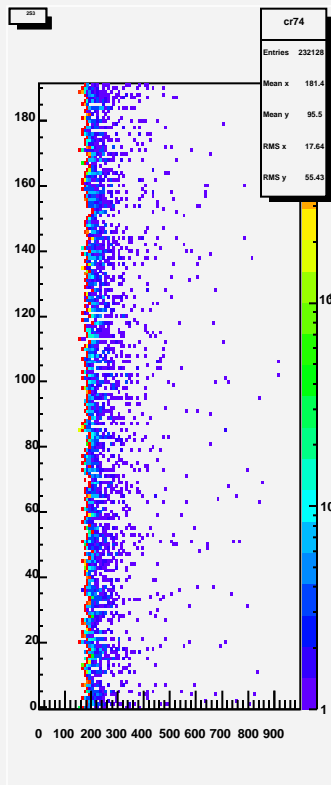
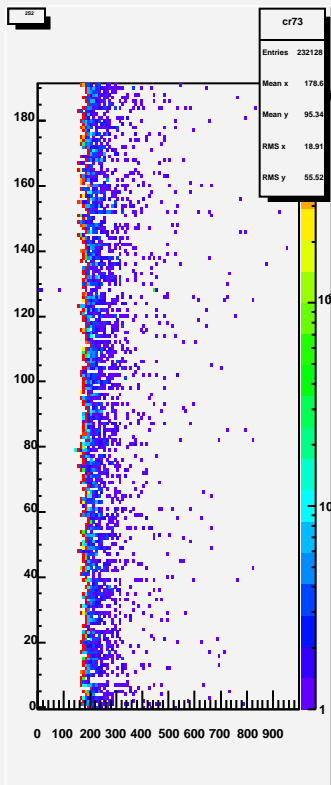
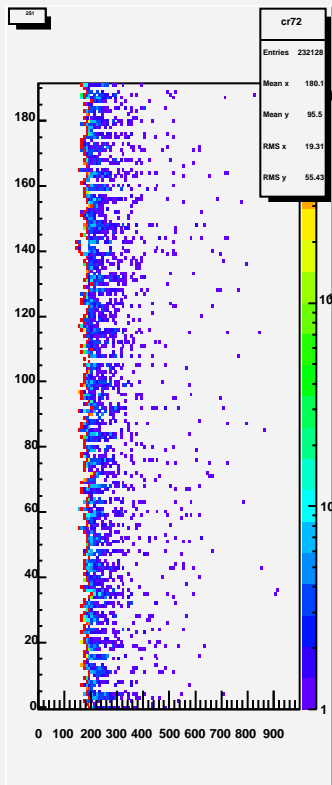


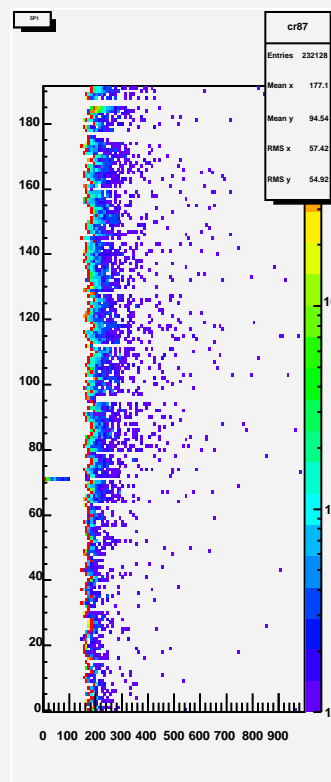
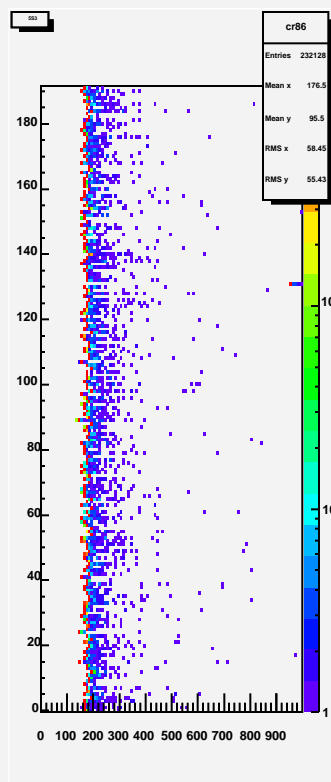
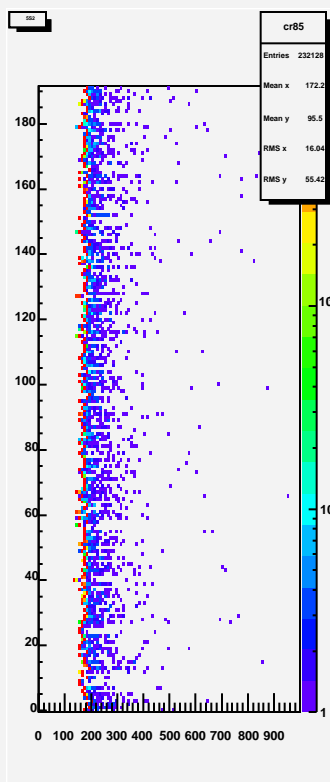
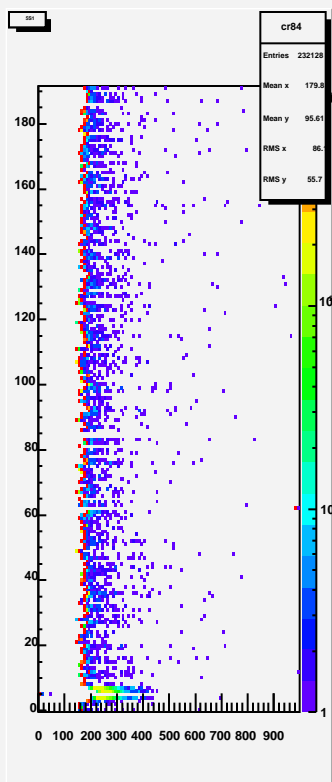
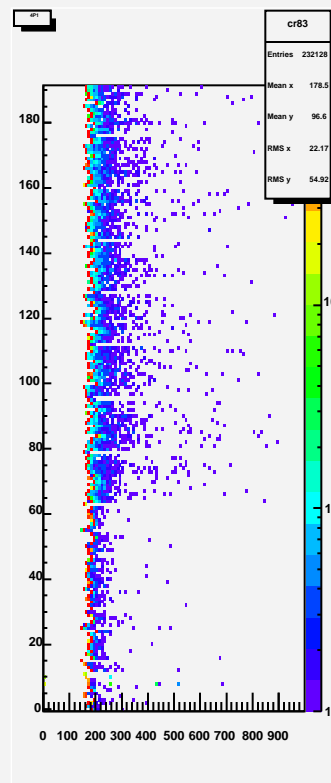
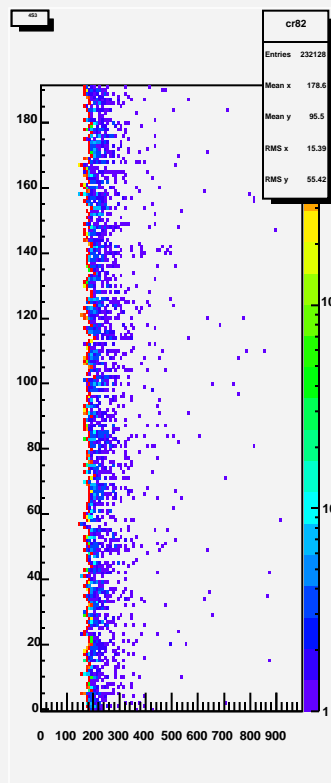
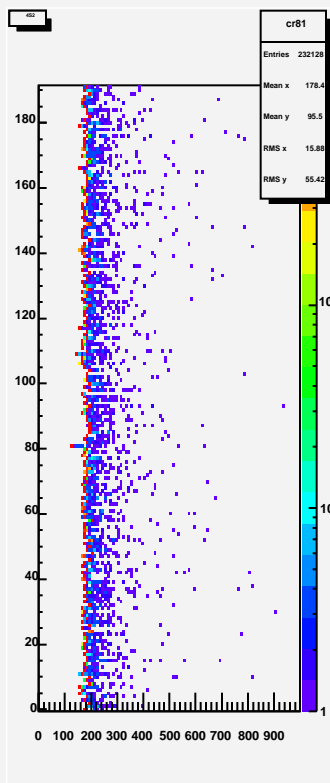
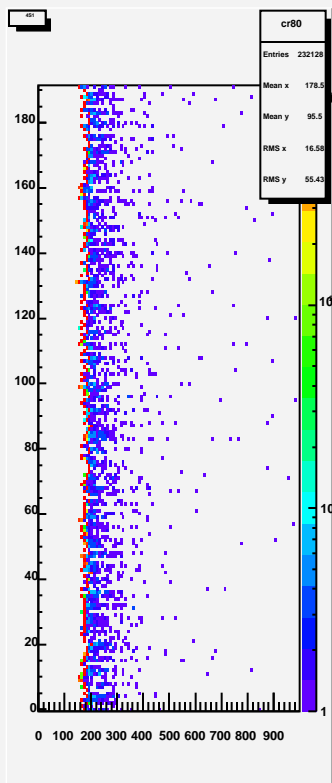
MAPMT Hits adc>ped+thr

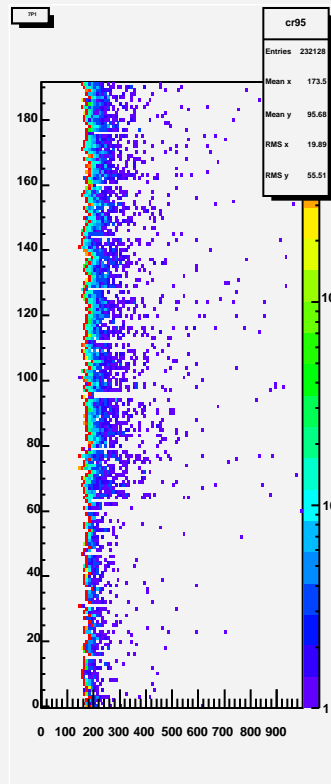
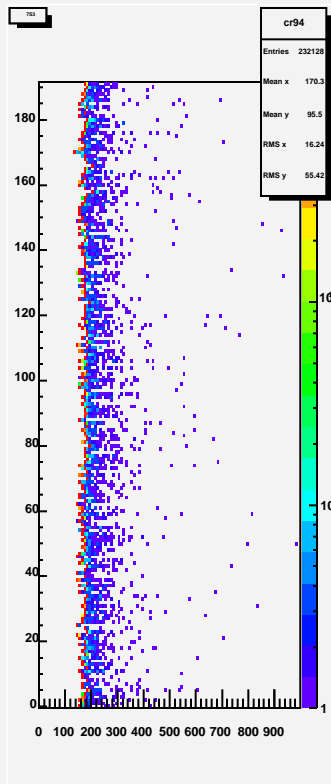
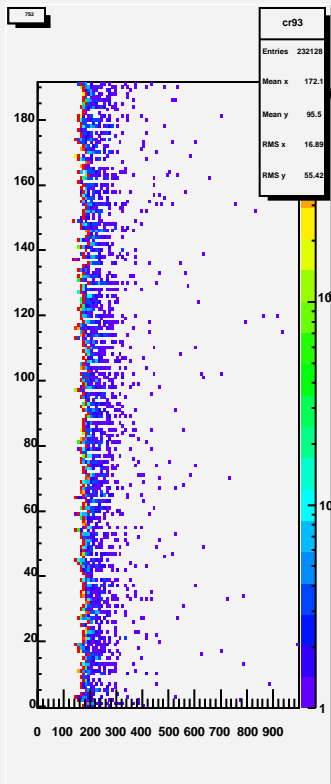
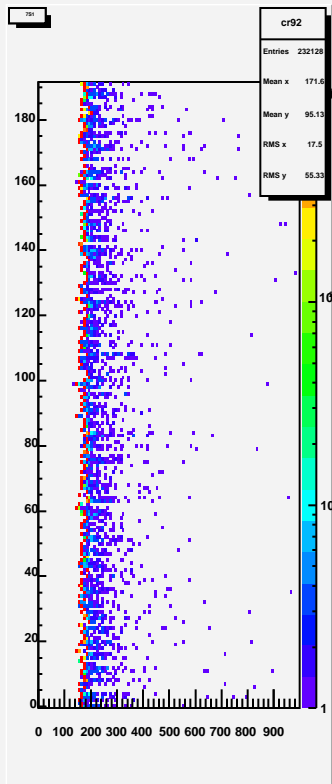
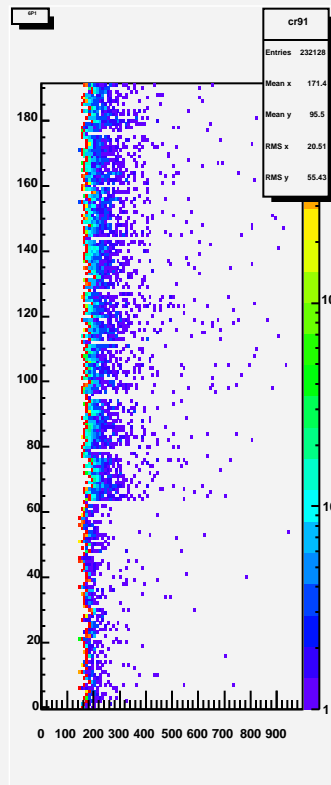
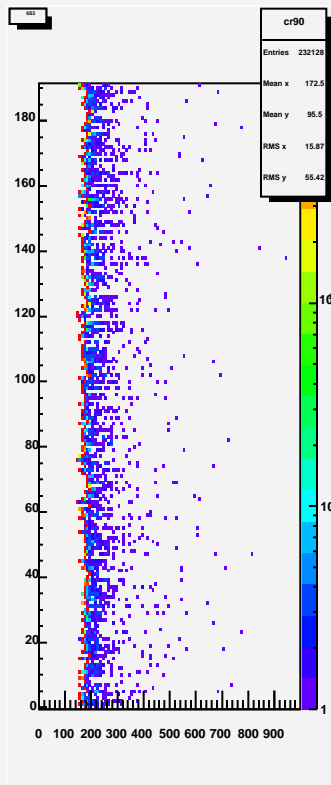
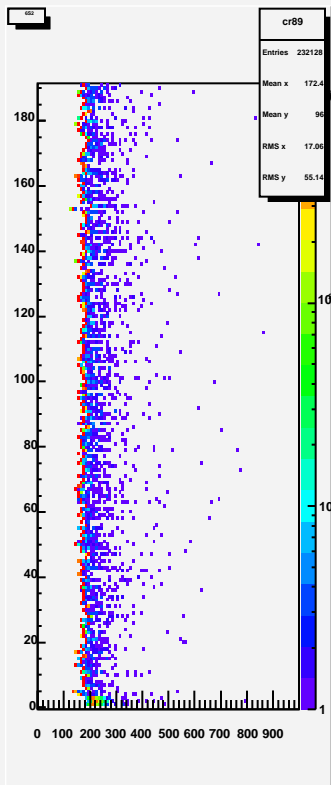
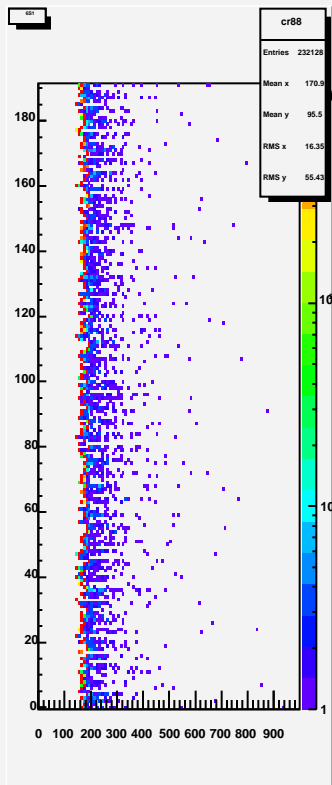
MAPMHits	
Entries	202423
Mean x	101.9
Mean y	7.173
RMS x	5.187
RMS y	3.335

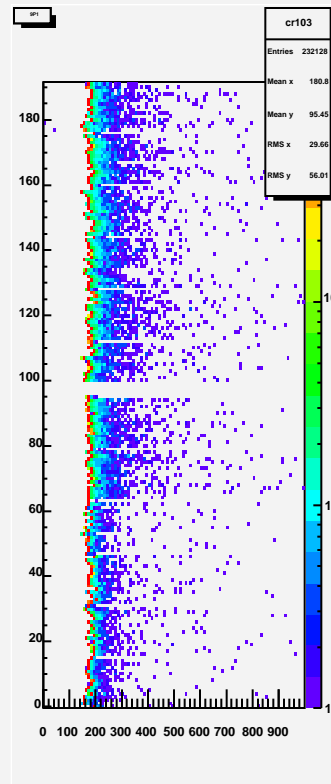
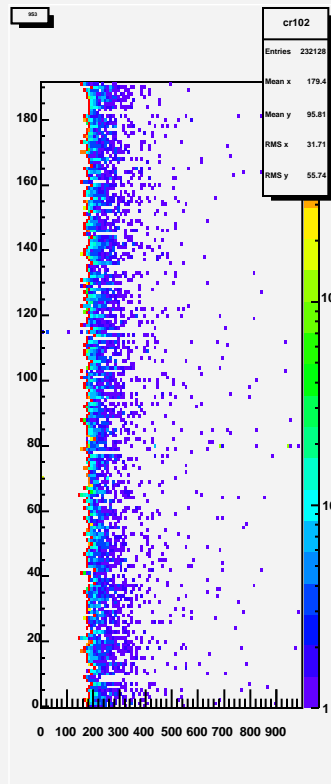
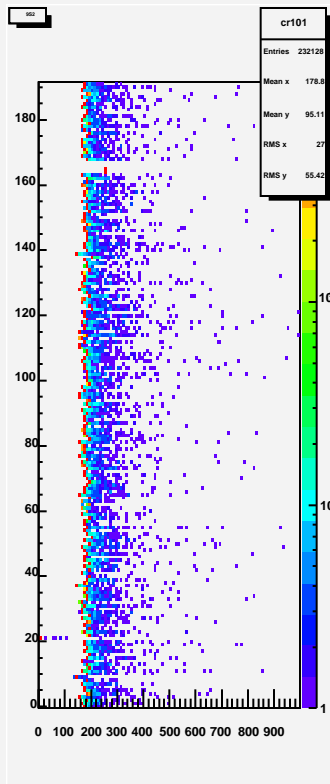
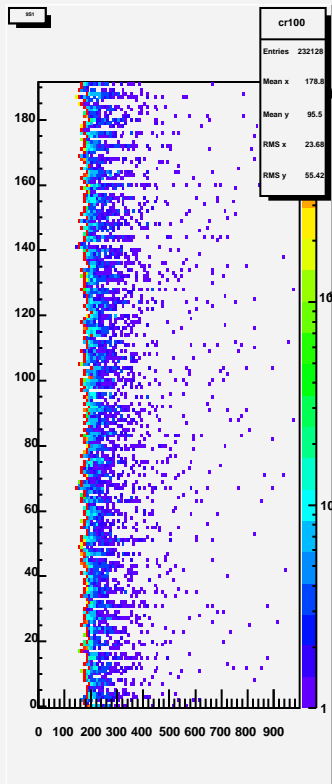
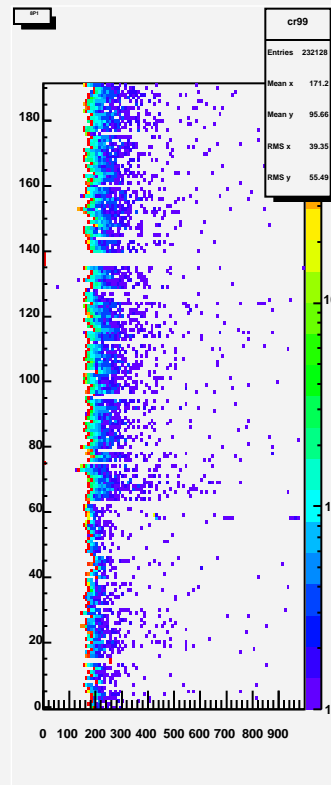
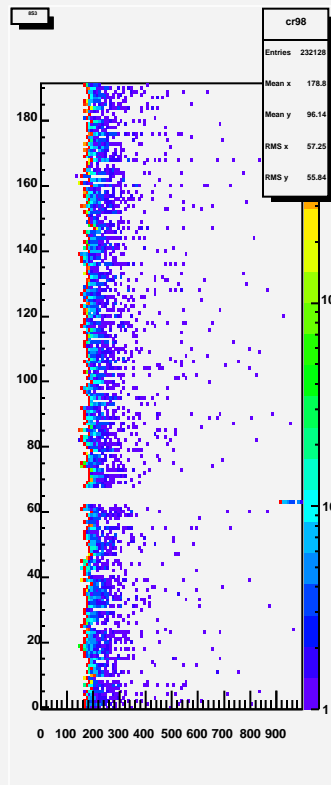
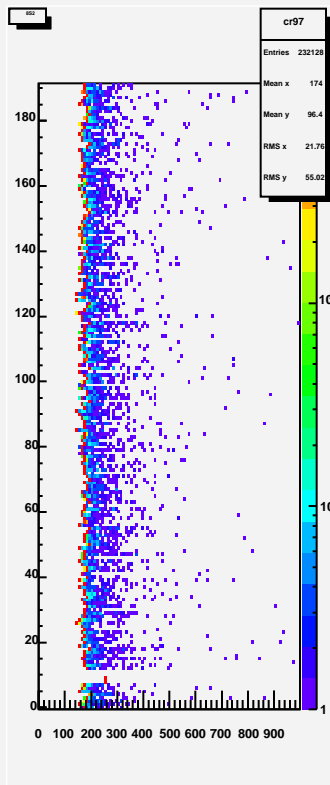
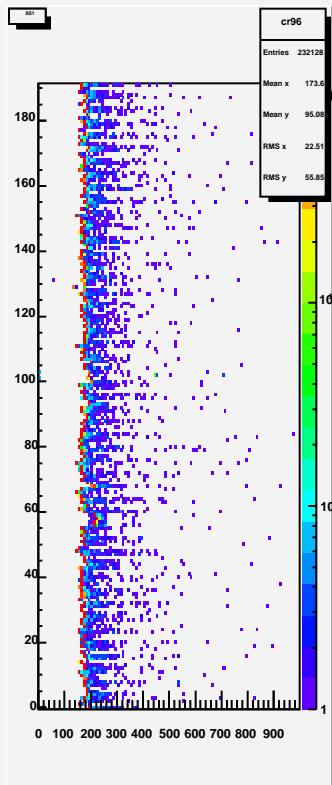


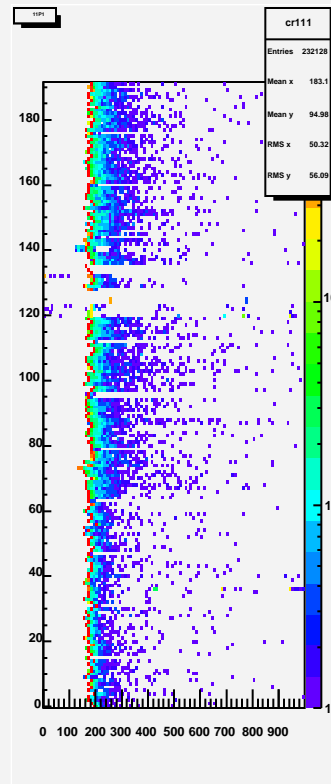
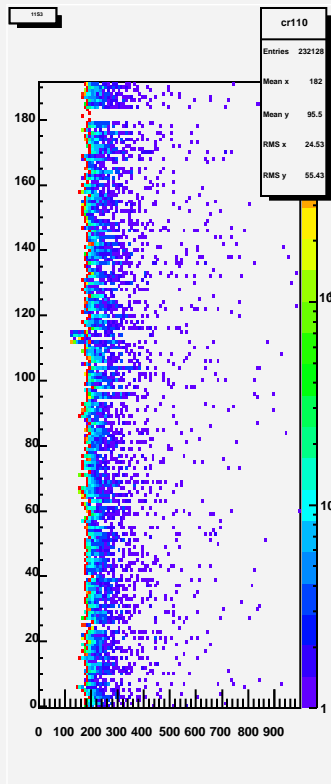
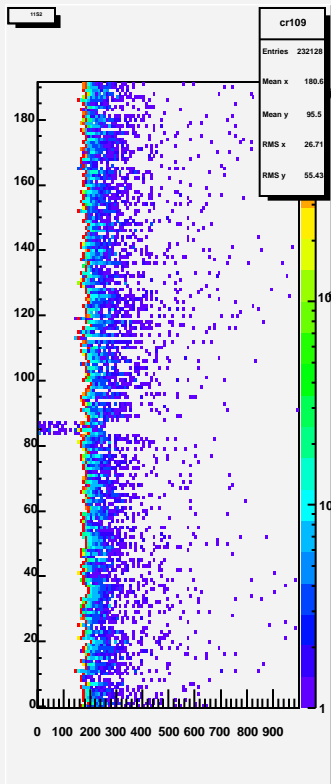
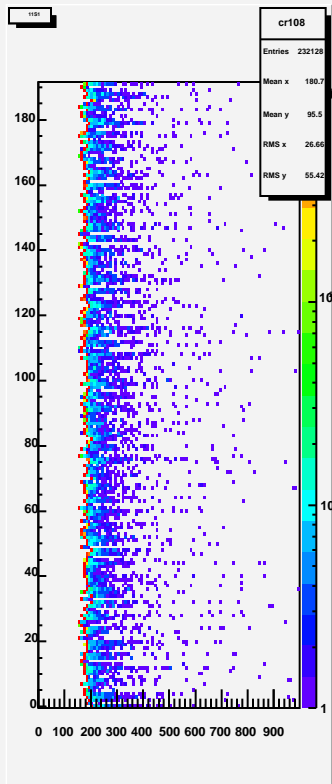
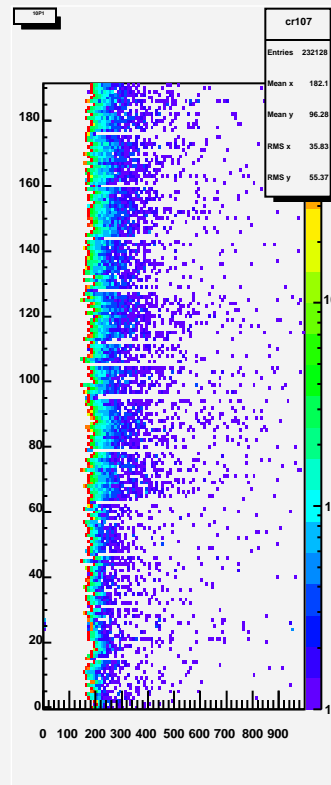
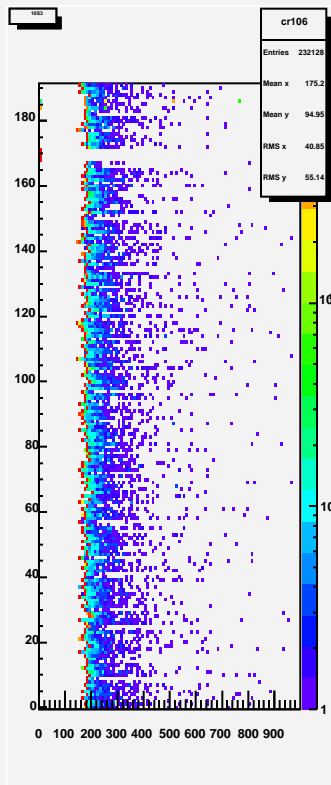
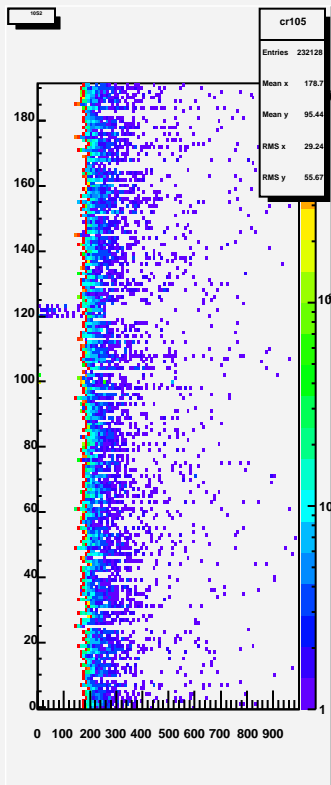
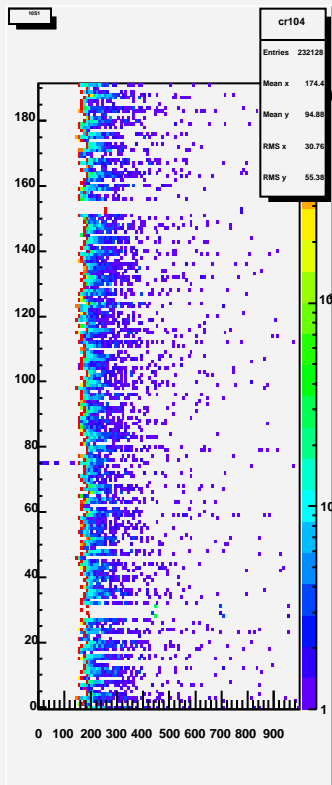


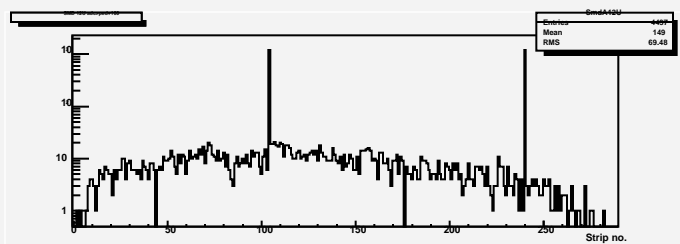
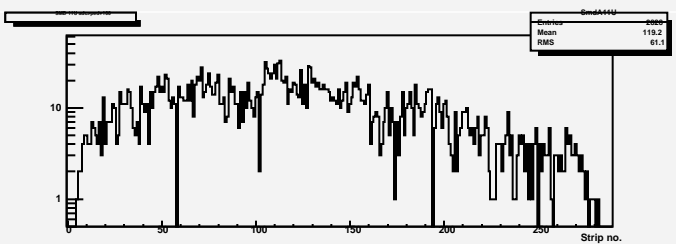
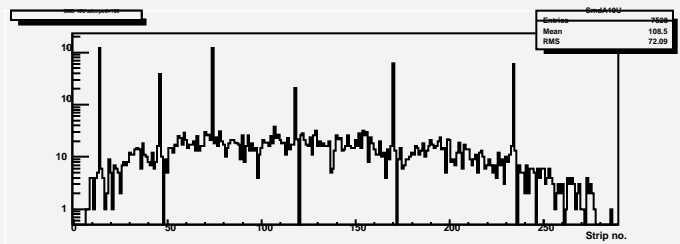
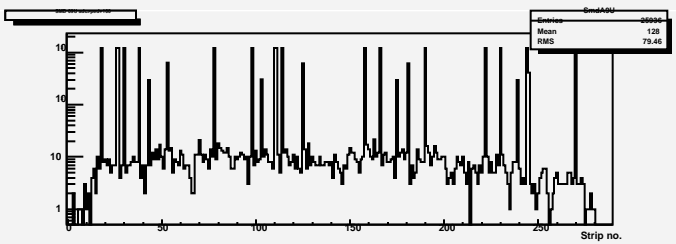
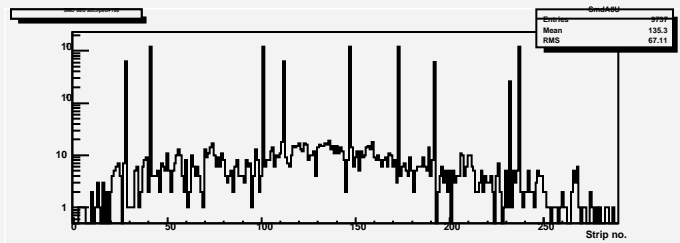
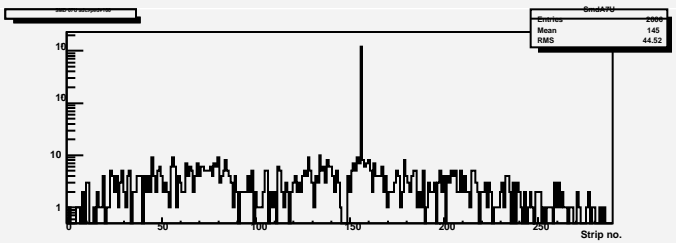
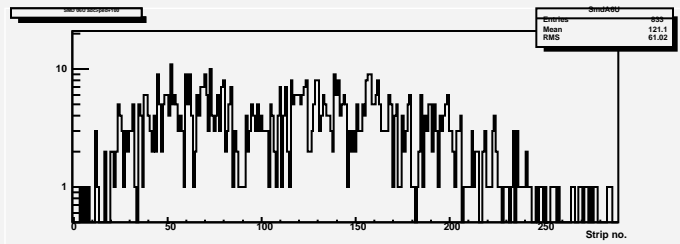
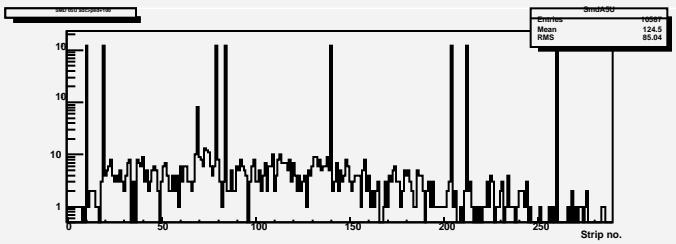
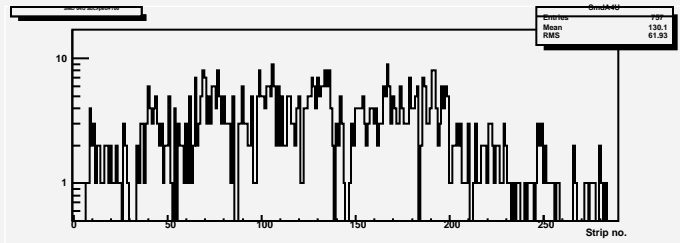
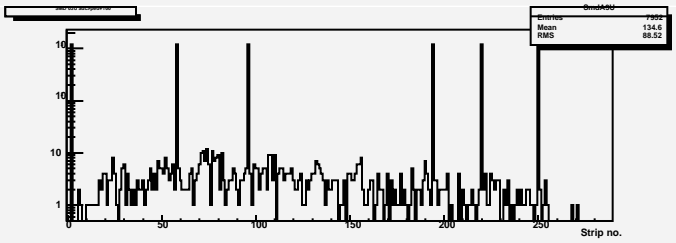
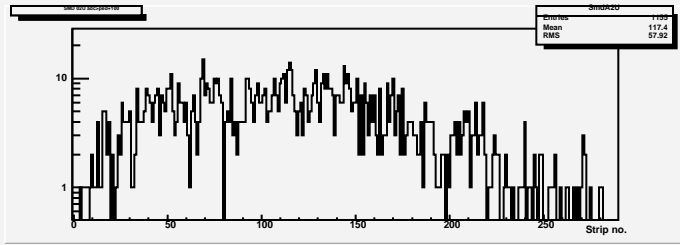
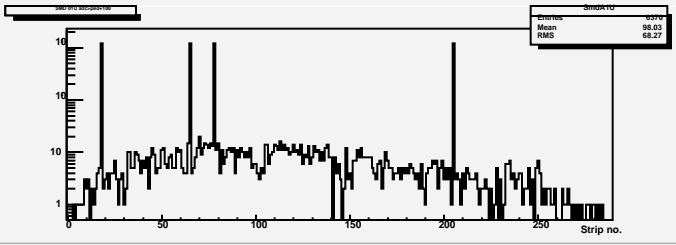




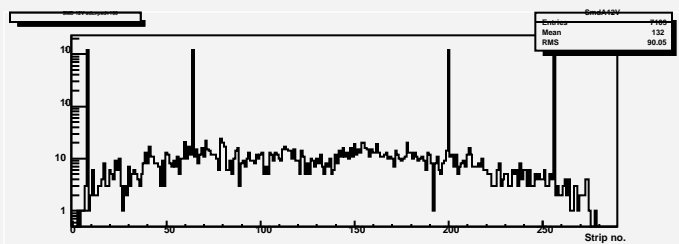
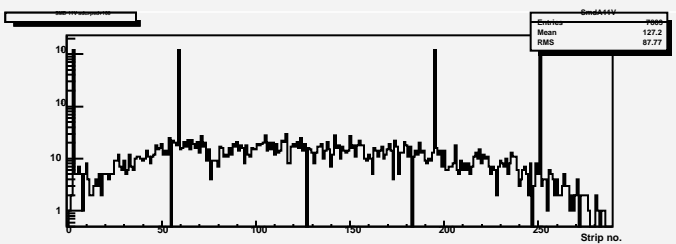
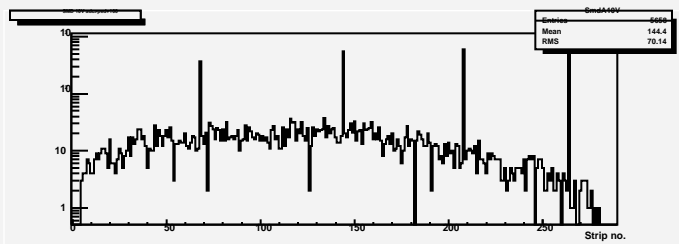
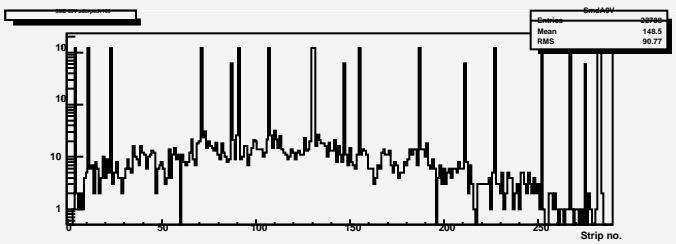
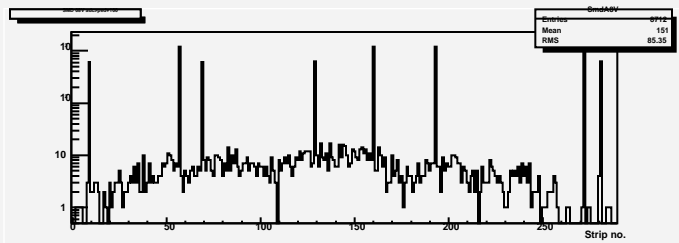
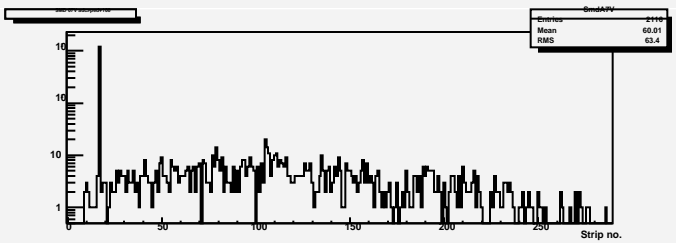
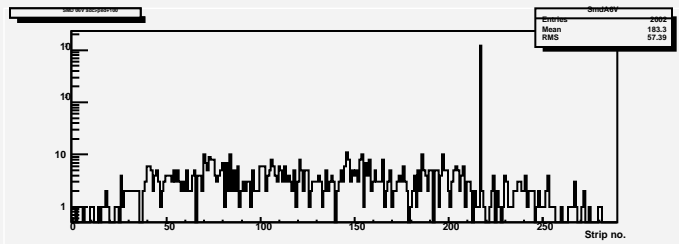
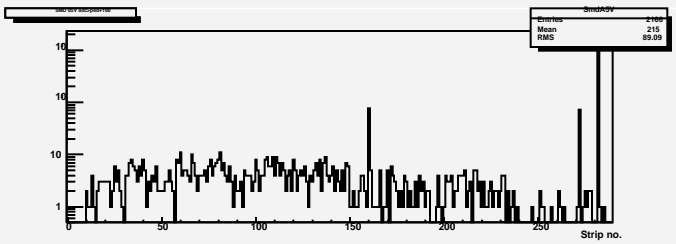
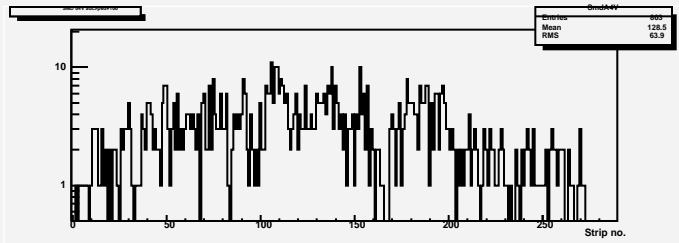
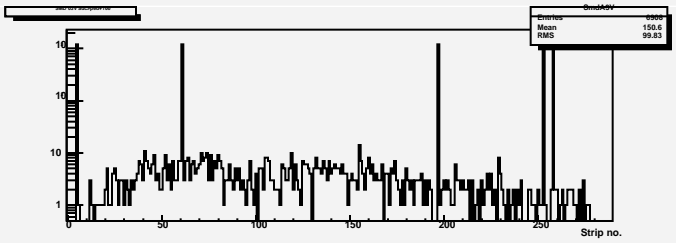
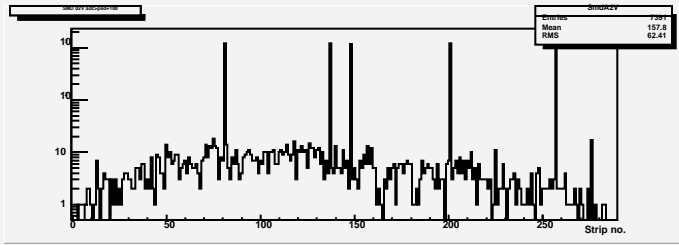
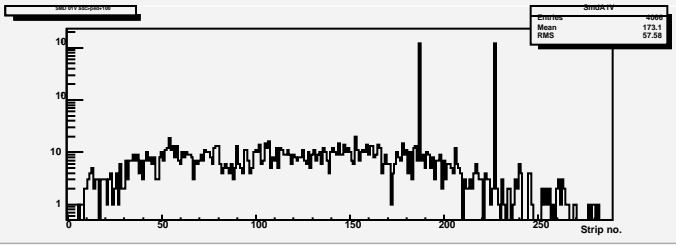




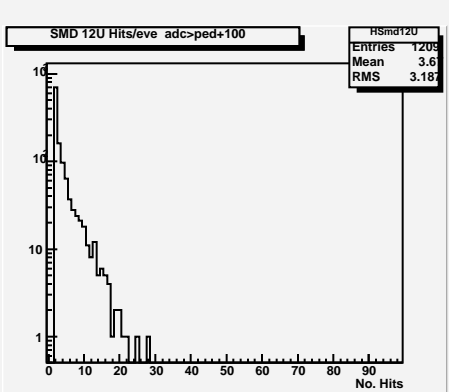
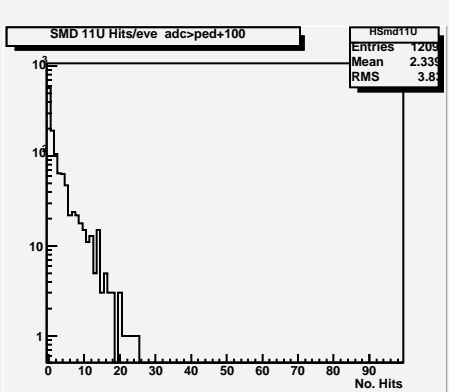
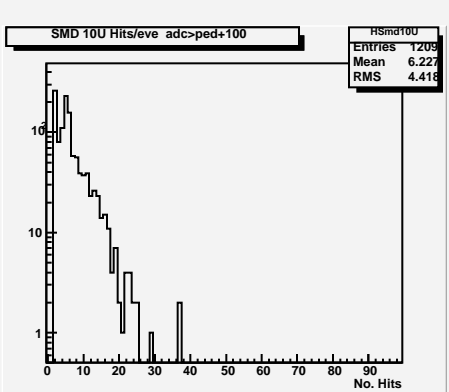
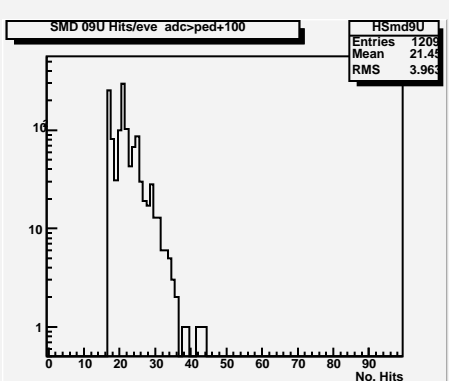
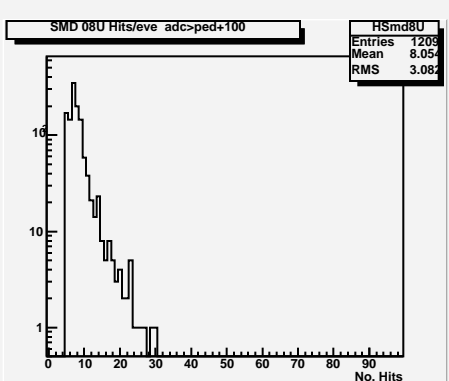
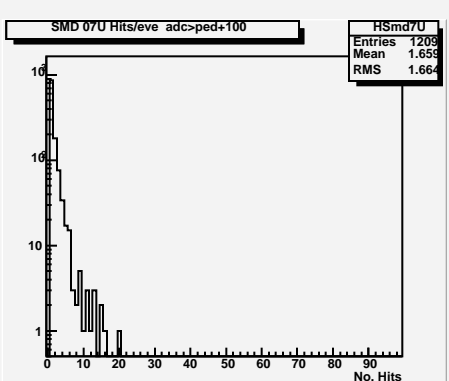
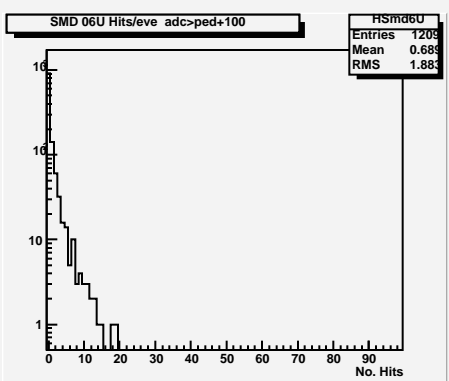
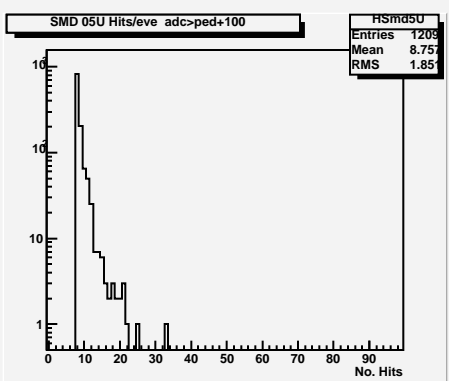
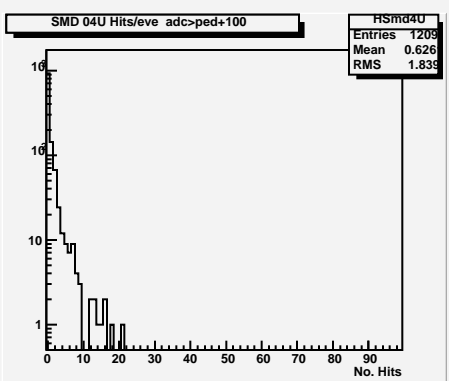
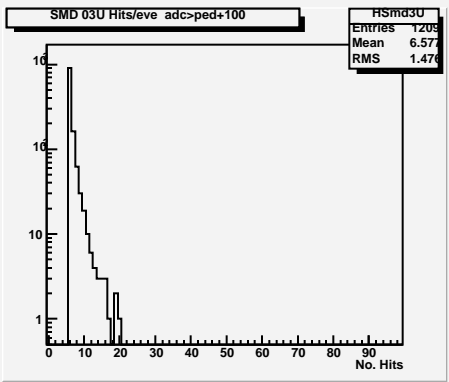
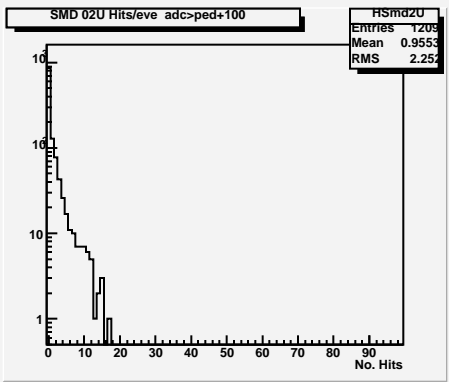
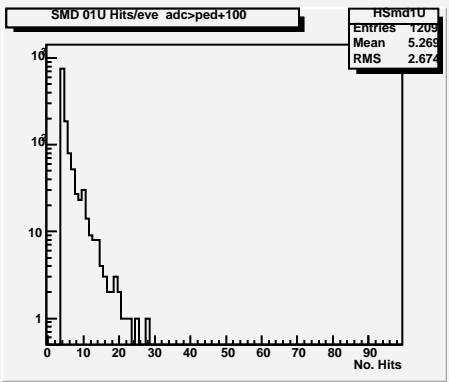


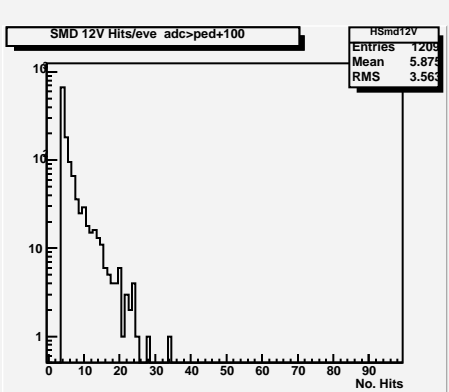
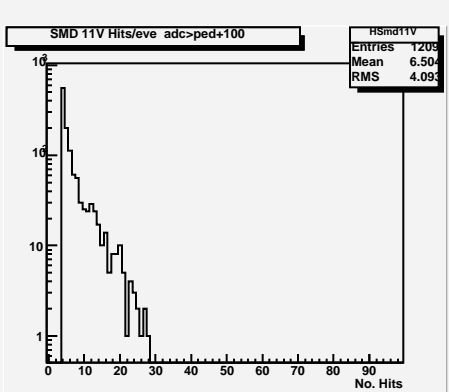
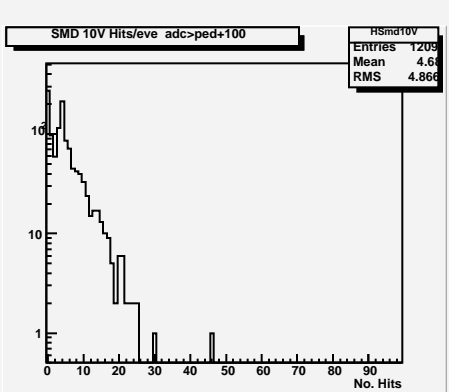
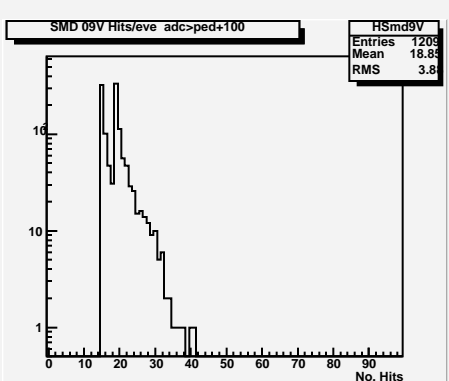
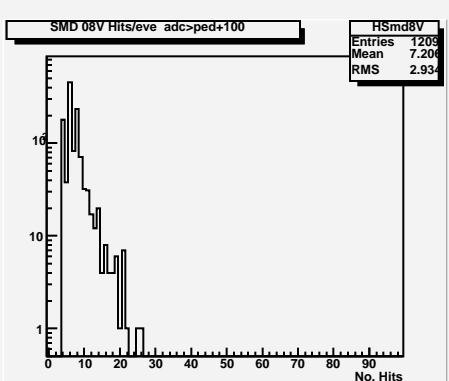
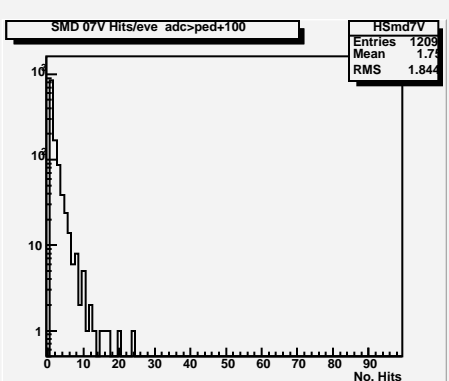
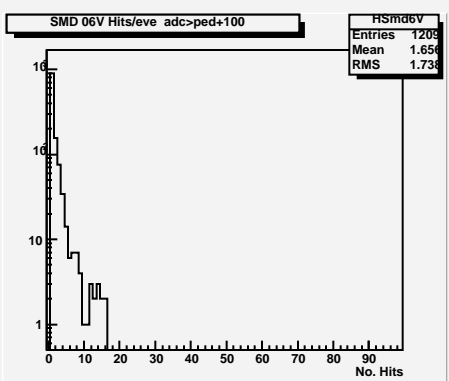
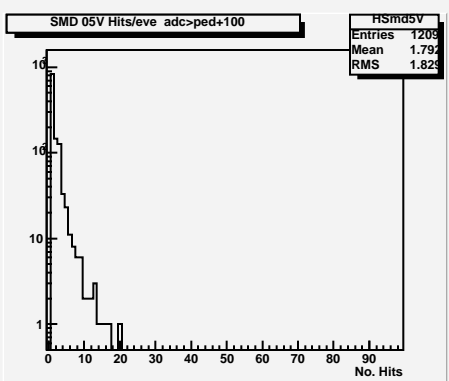
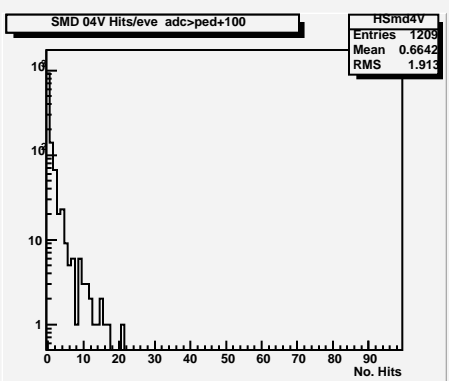
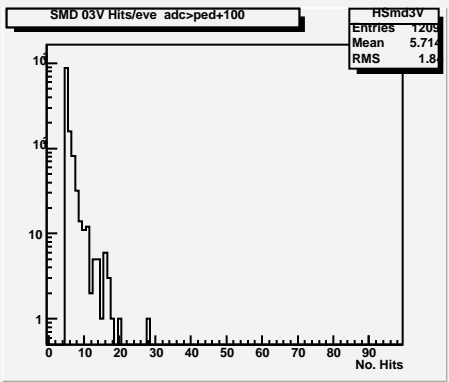
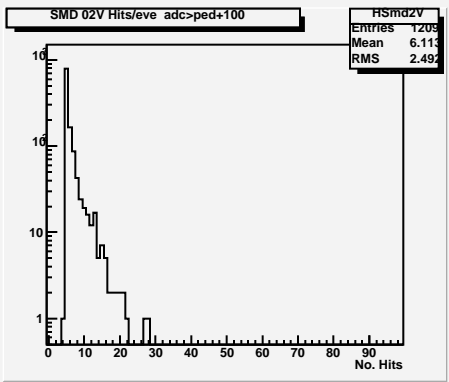
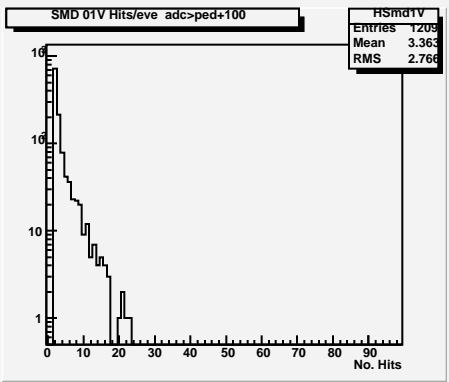


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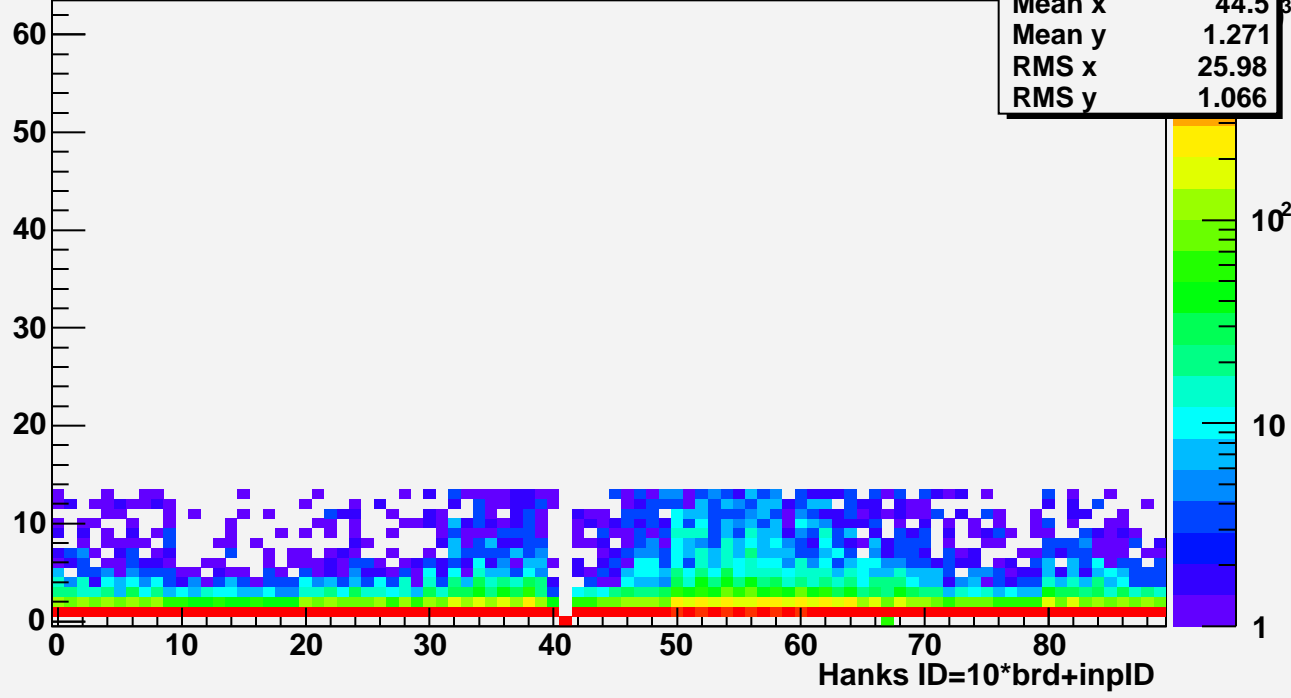
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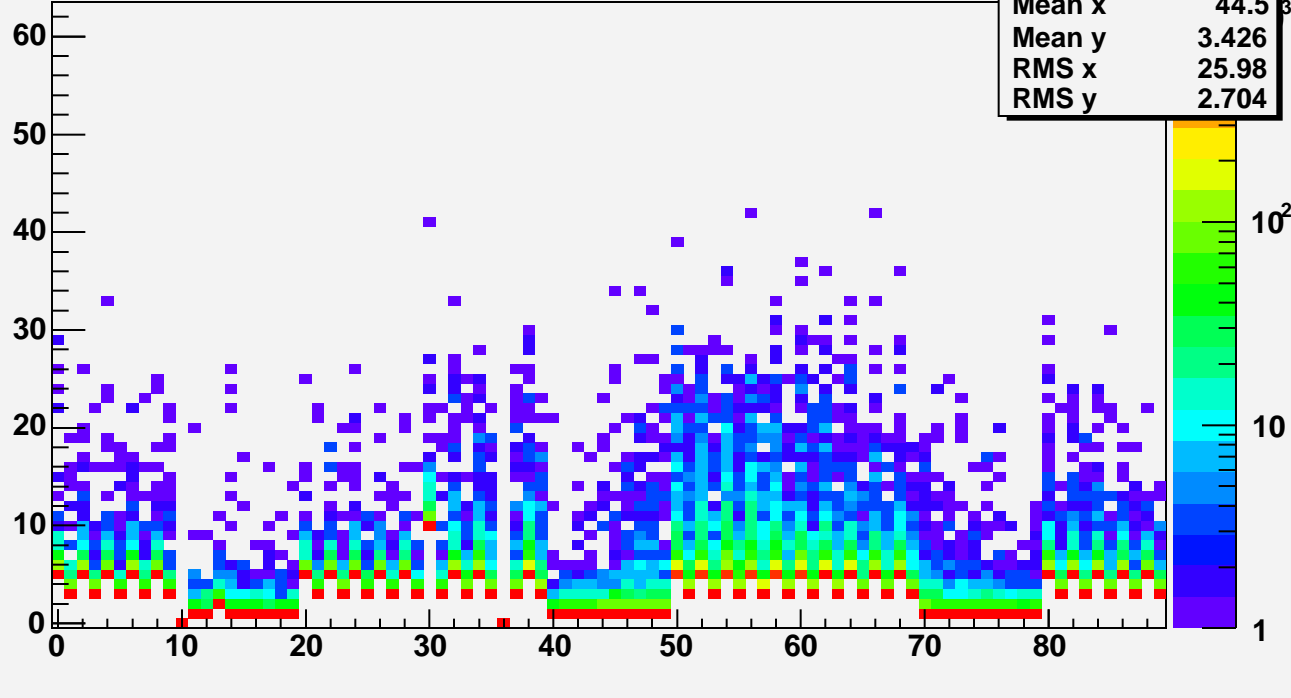
HT input, DSM layer-0, all trig Patches, trig=allTrig

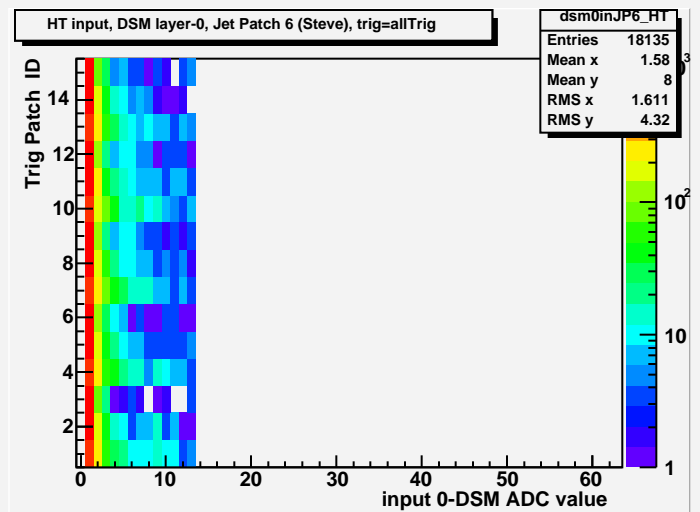
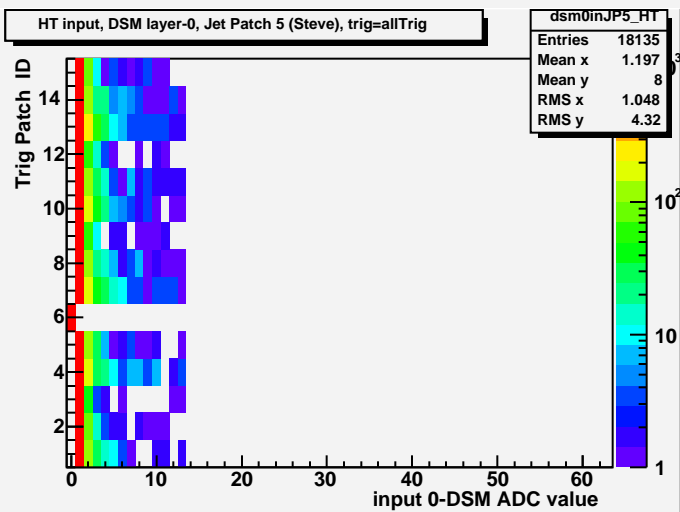
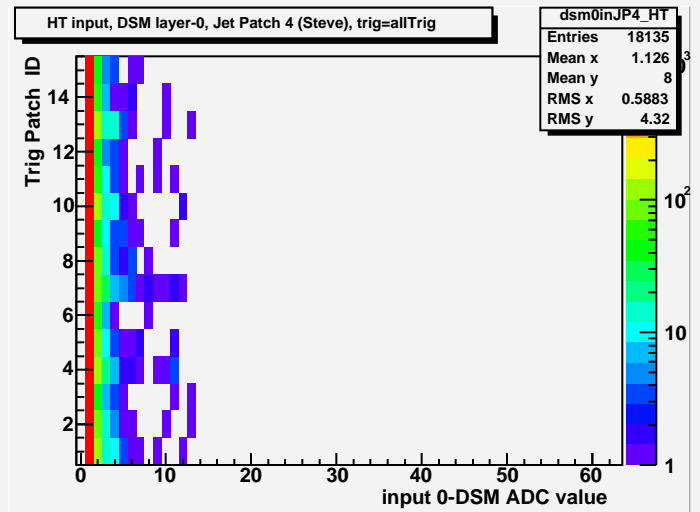
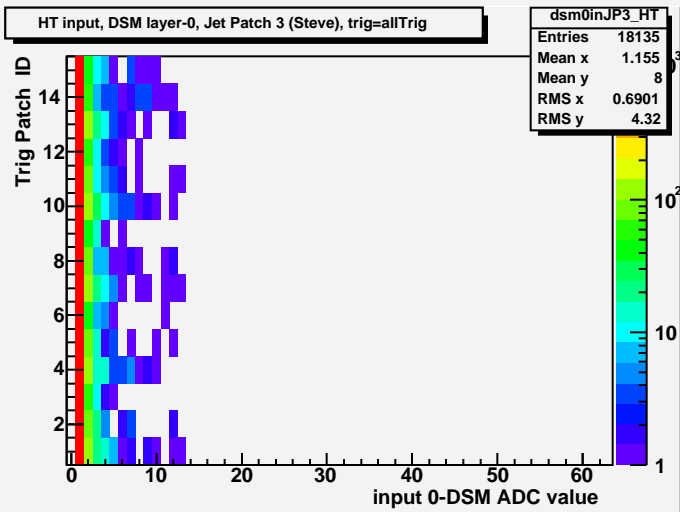
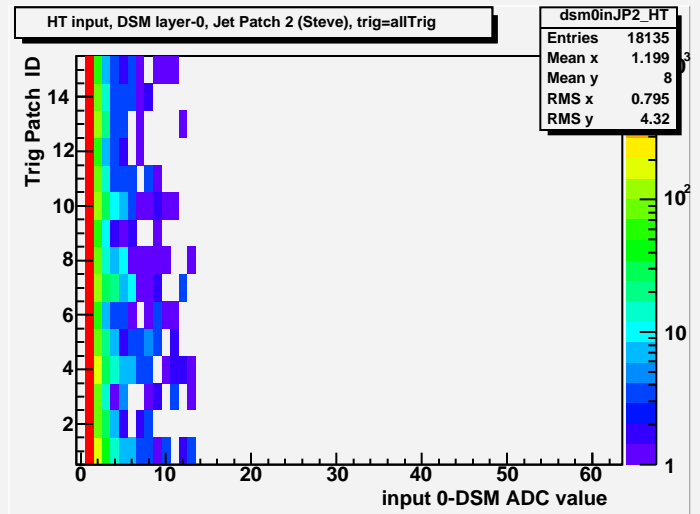
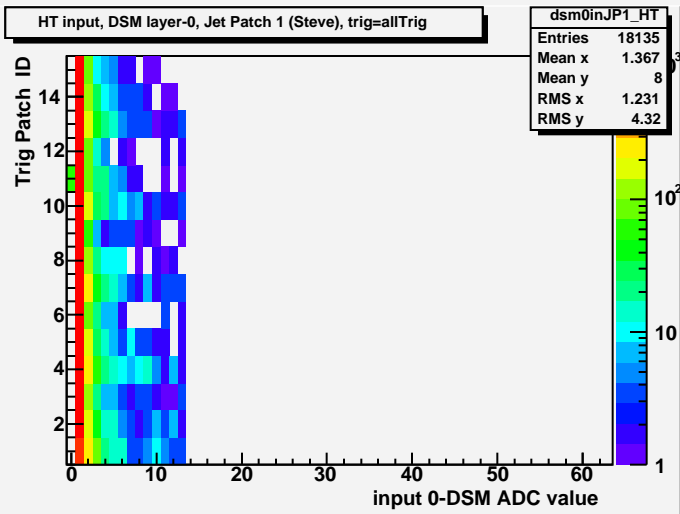
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Entries	108810
Mean x	44.5
Mean y	1.271
RMS x	25.98
RMS y	1.066

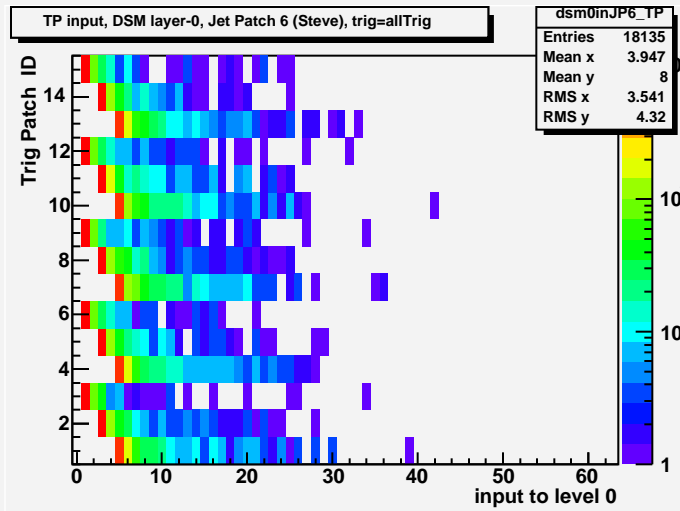
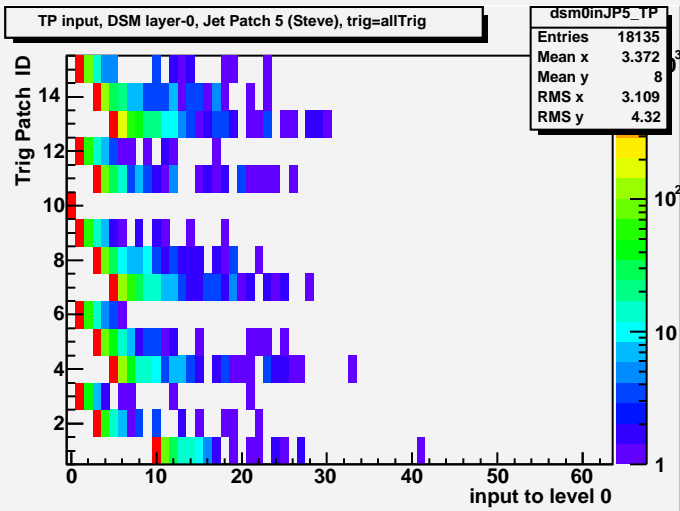
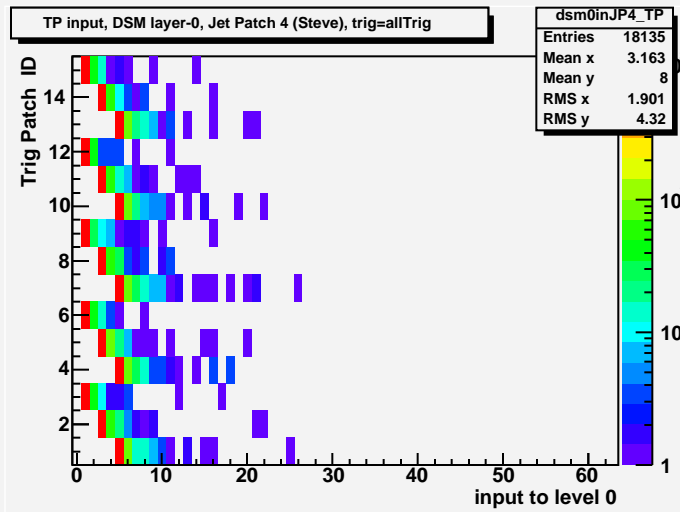
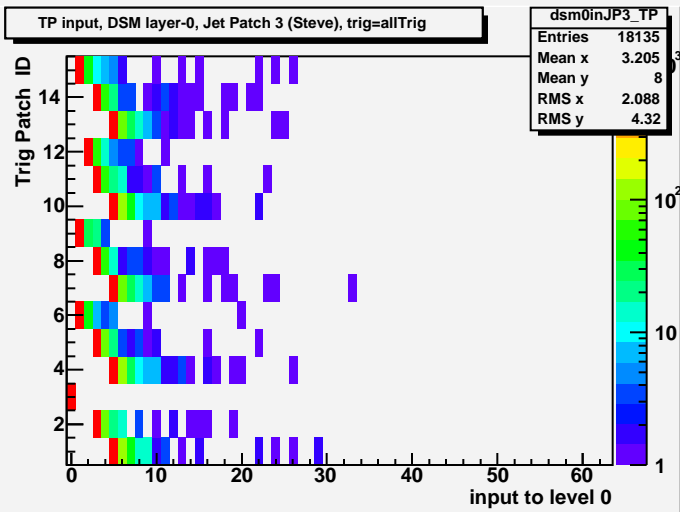
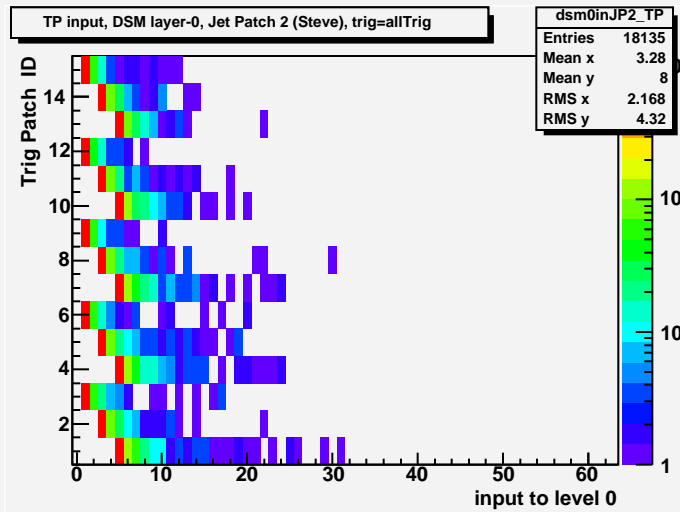
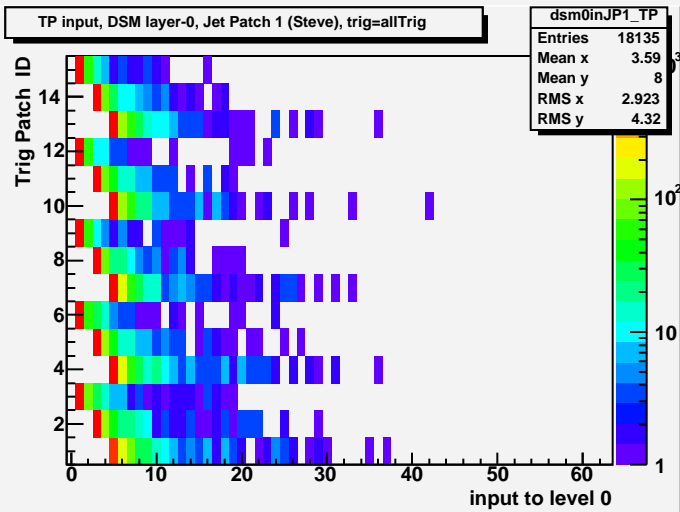


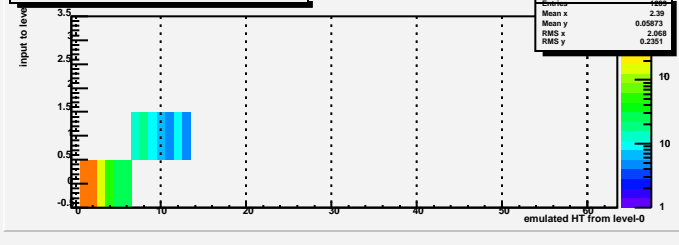
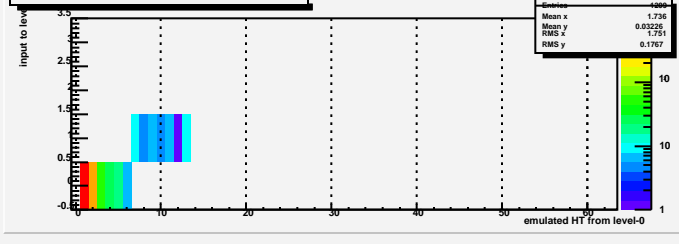
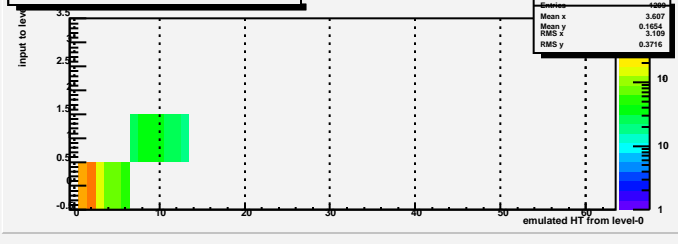
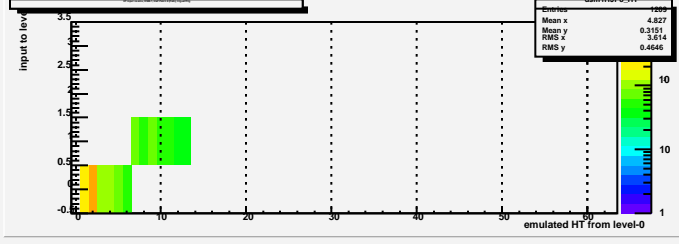
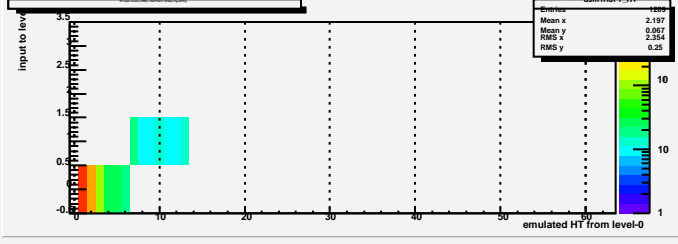
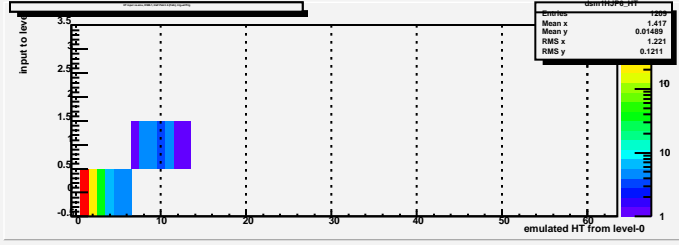
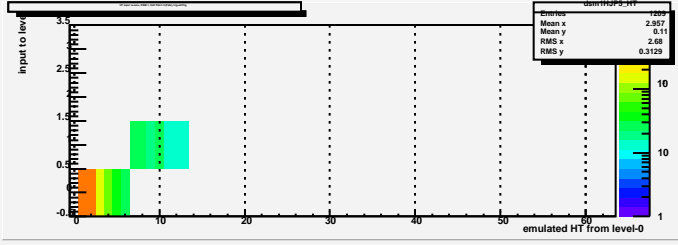
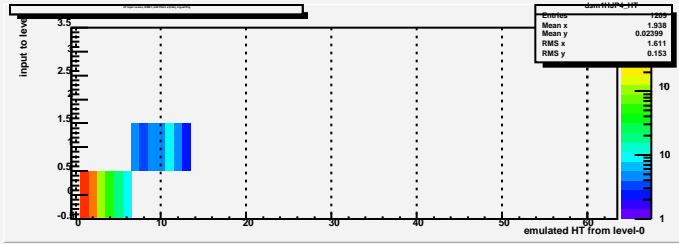
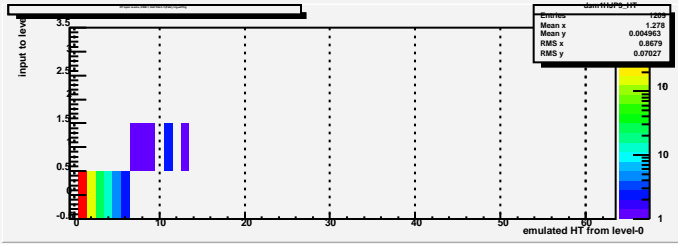
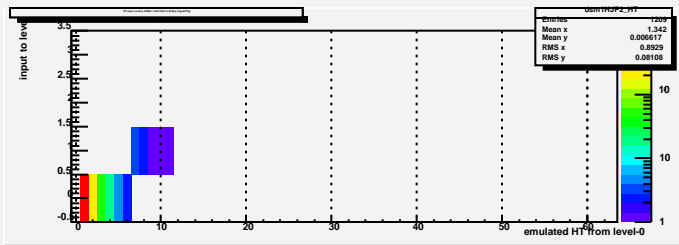
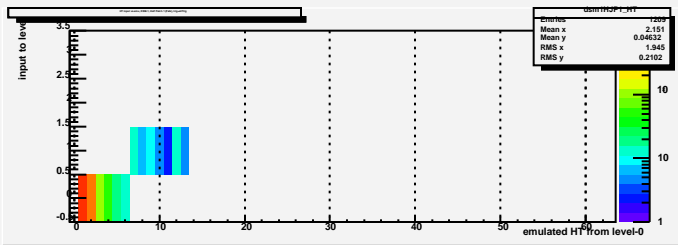
TP input, DSM layer-0, all trig Patches, trig=allTrig

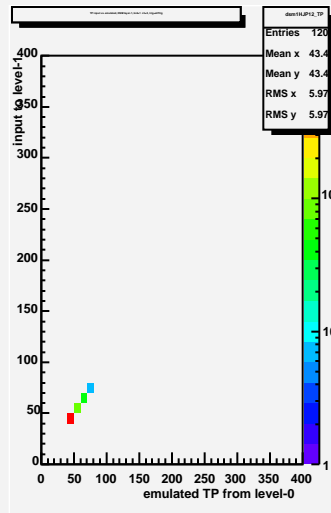
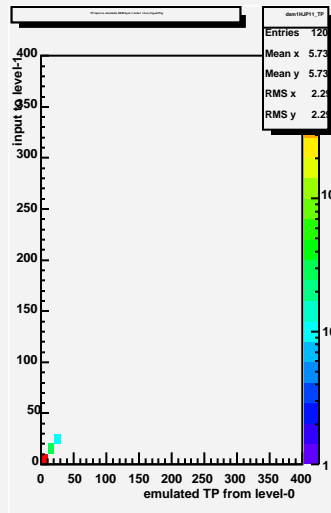
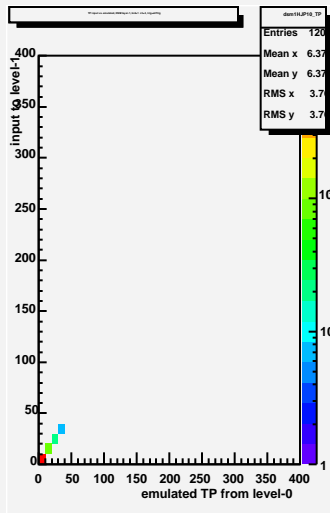
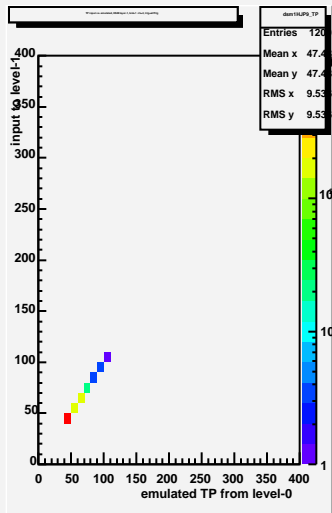
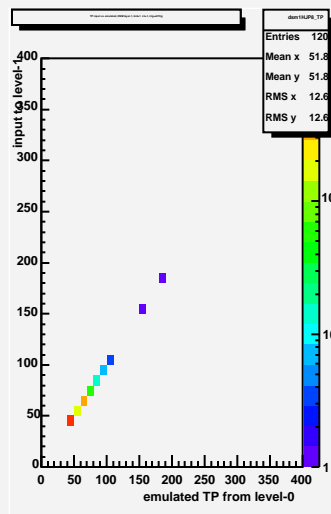
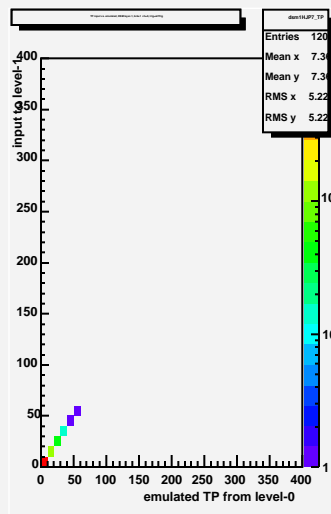
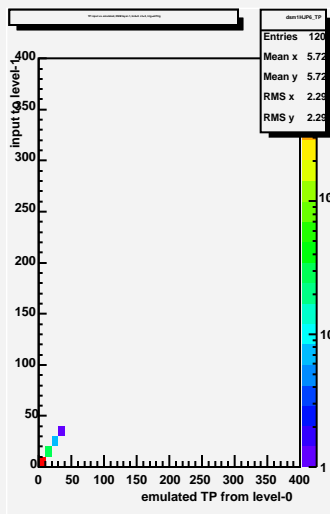
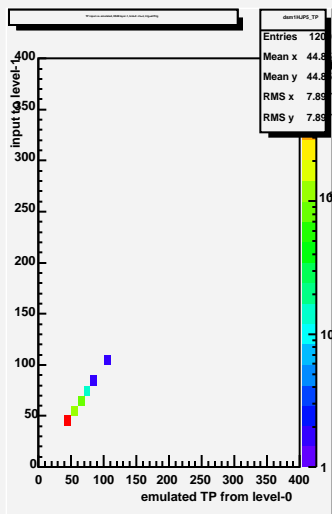
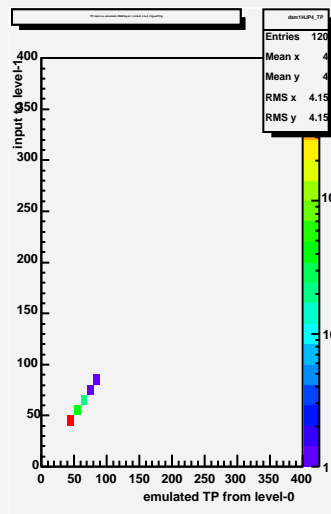
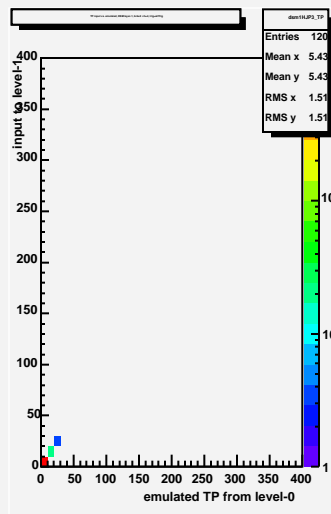
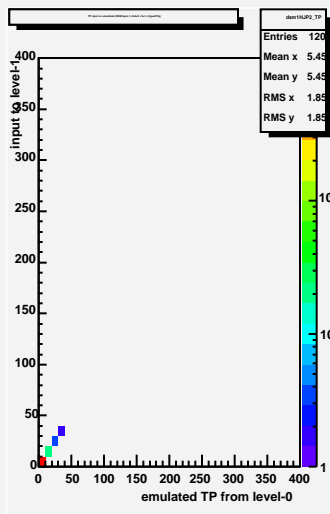
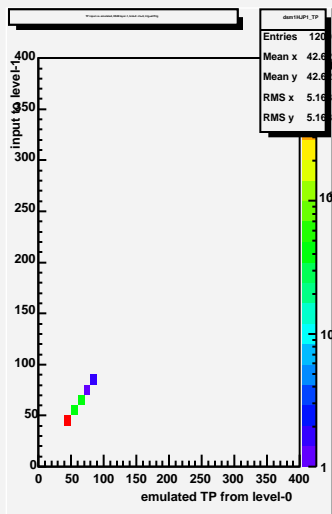
dsm0inJPall_TP	
Entries	108810
Mean x	44.5
Mean y	3.426
RMS x	25.98
RMS y	2.704



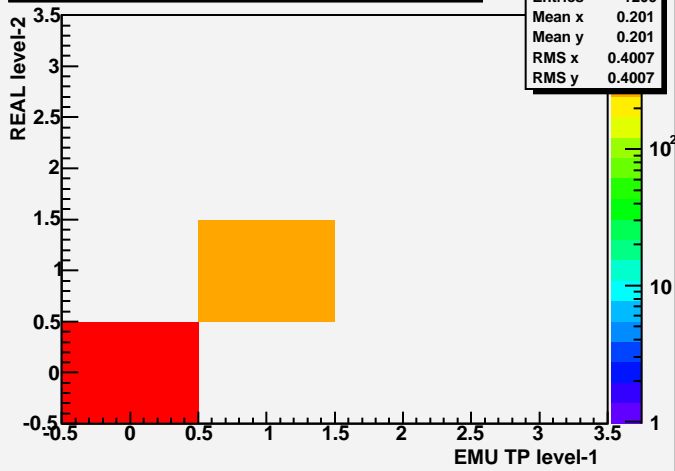




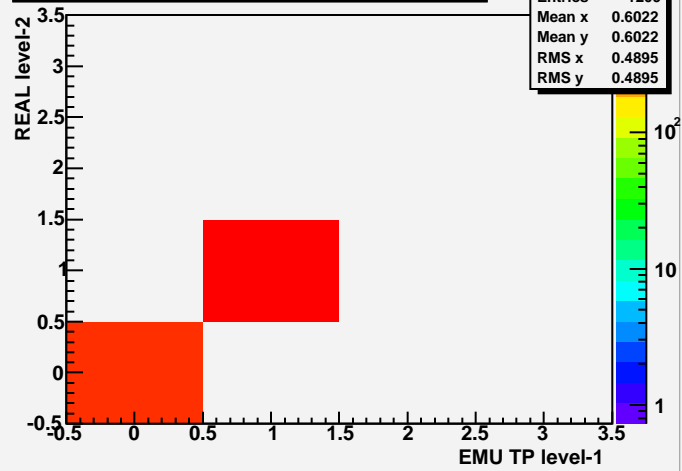




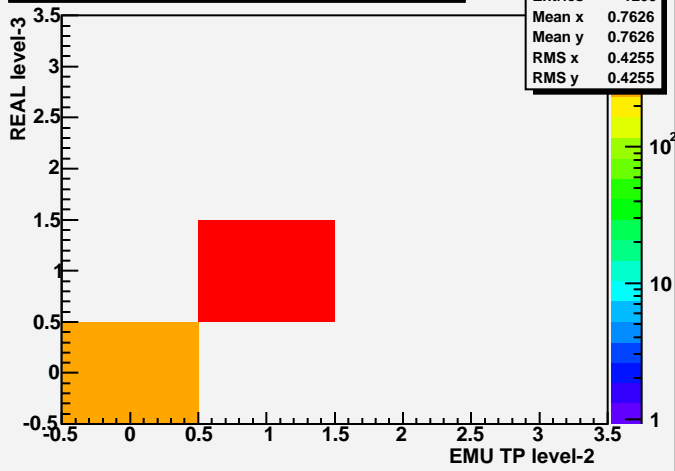
HT inp vs. emu, layer=2, JP_Falk(0+1+2), trig=allTrig

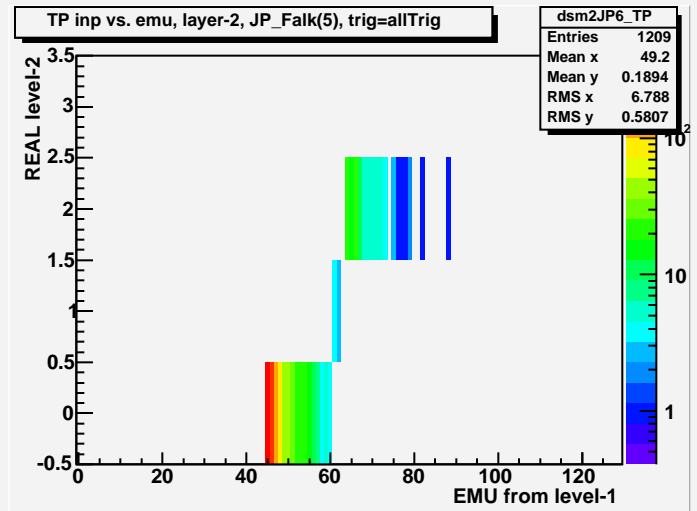
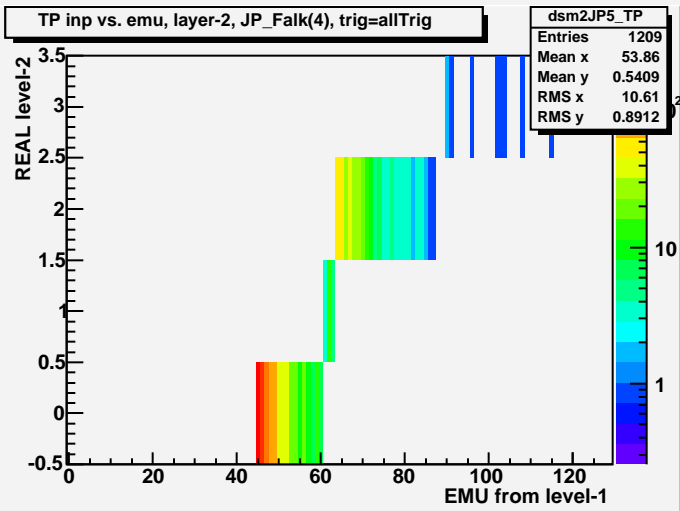
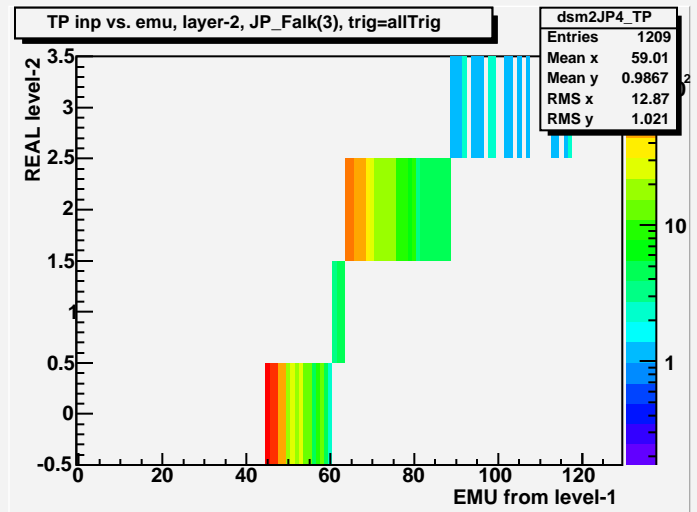
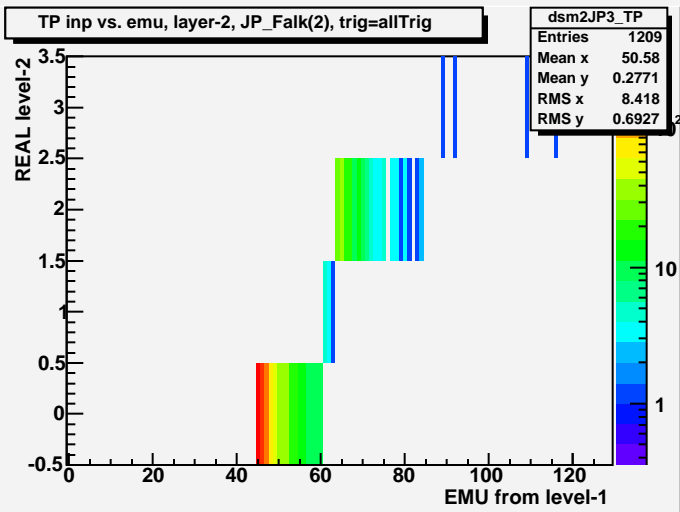
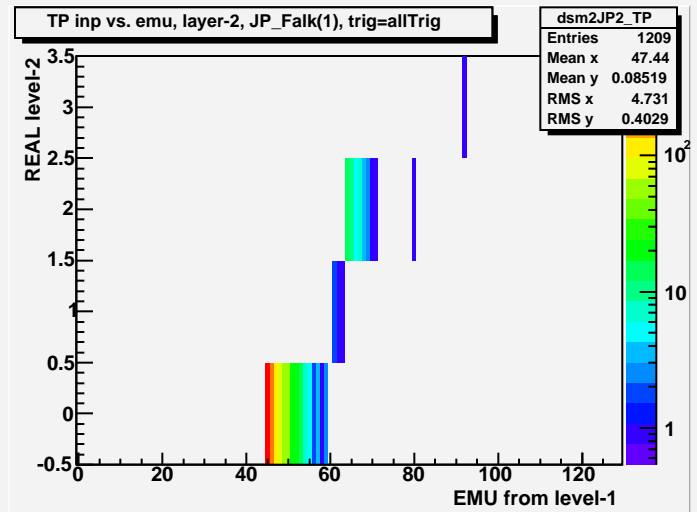
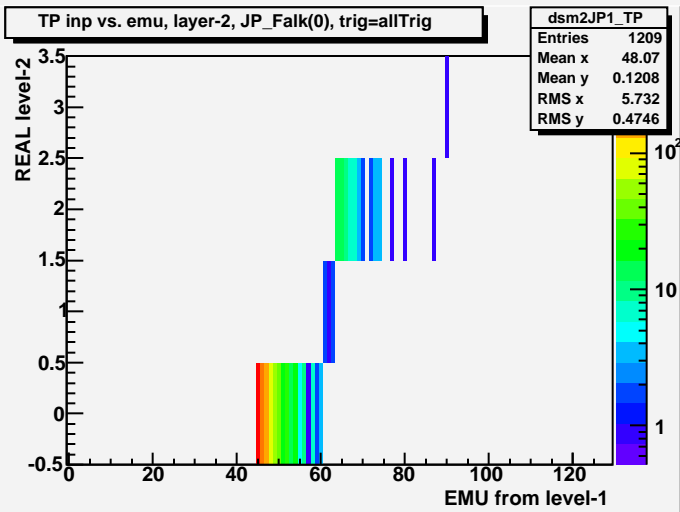


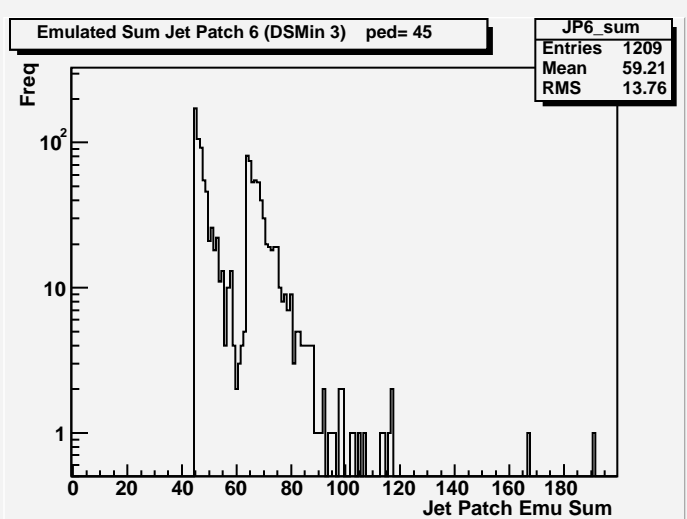
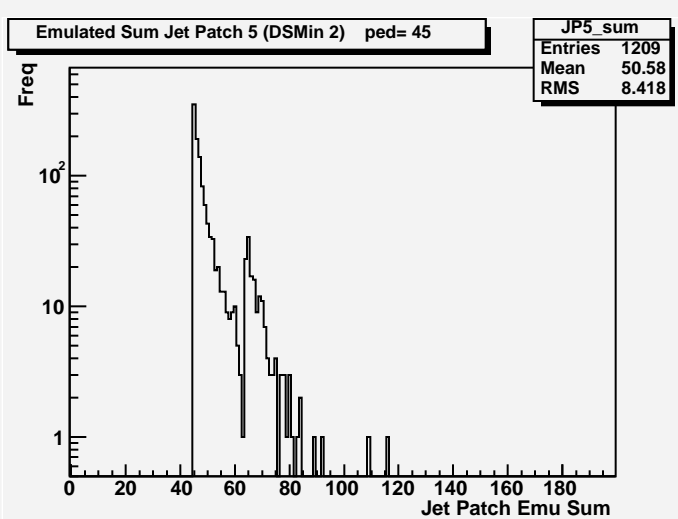
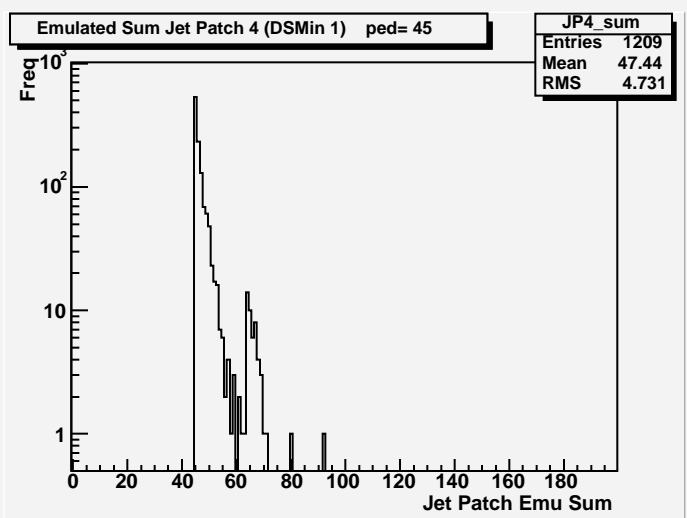
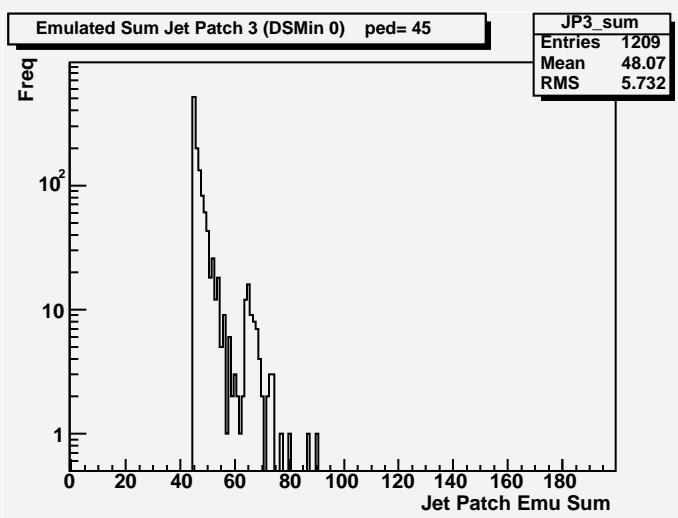
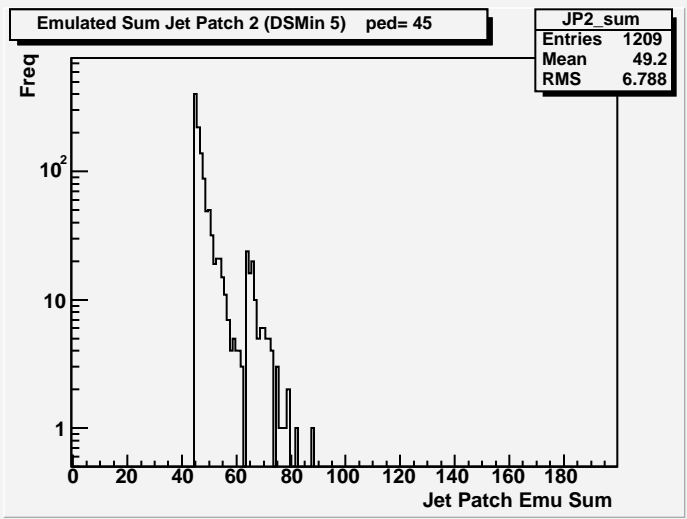
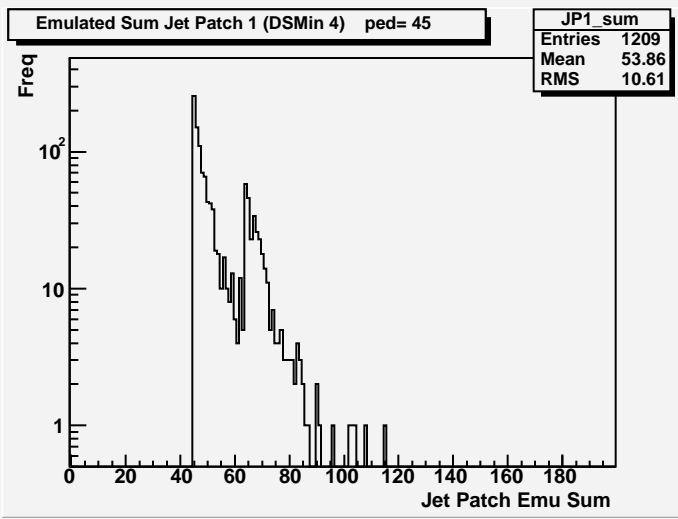
HT inp vs. emu, layer=2, JP_Falk(3+4+5), trig=allTrig



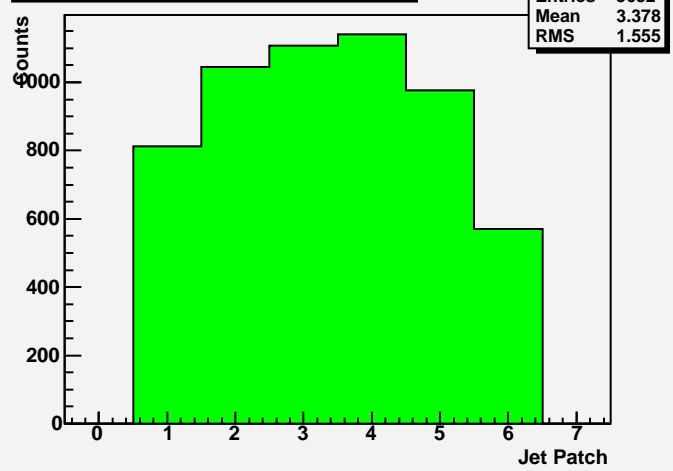
HT inp vs. emu, layer=3, trig=allTrig



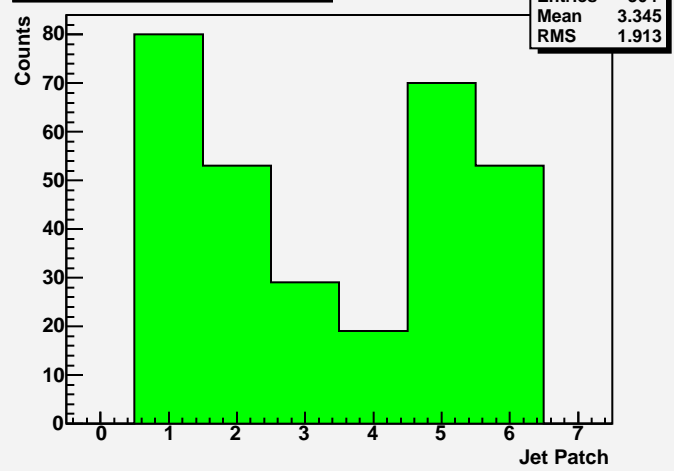




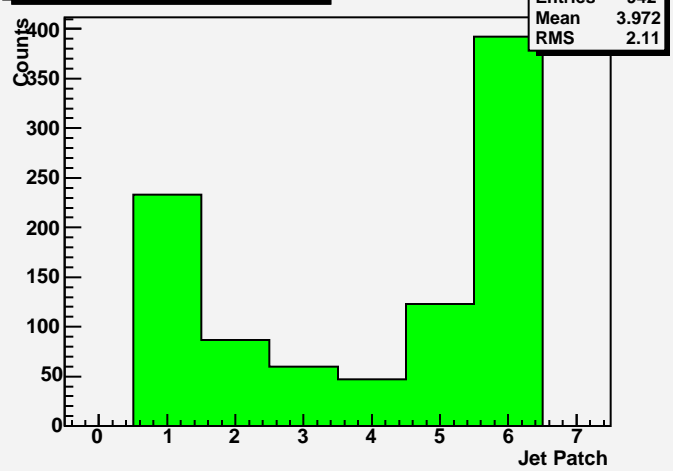
Emu Jet Patch Below Threshold



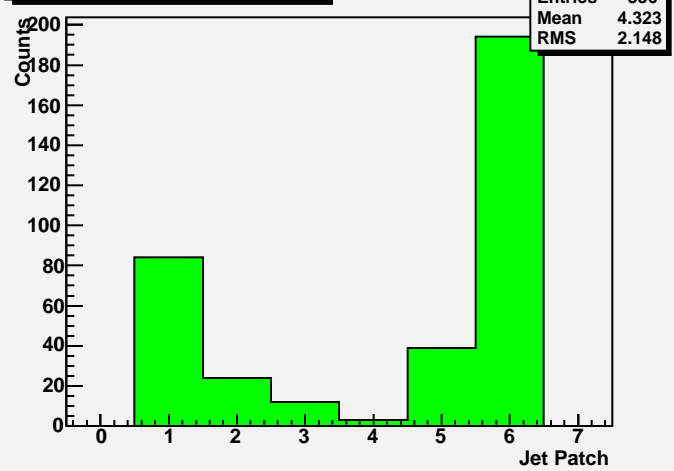
Emu Jet Patch > Thr0=54



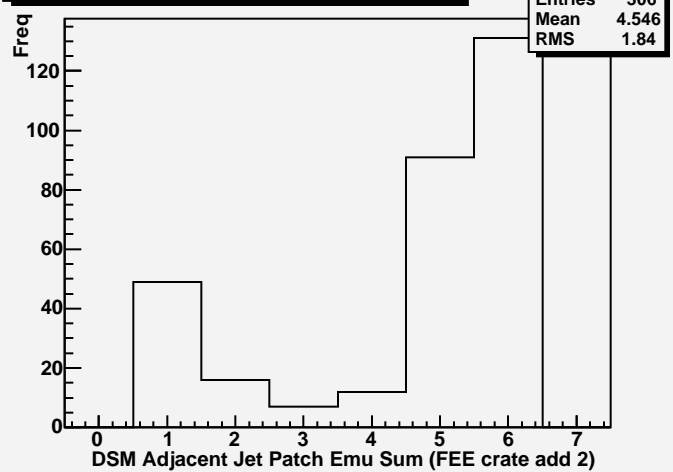
Emu Jet Patch > Thr1=62



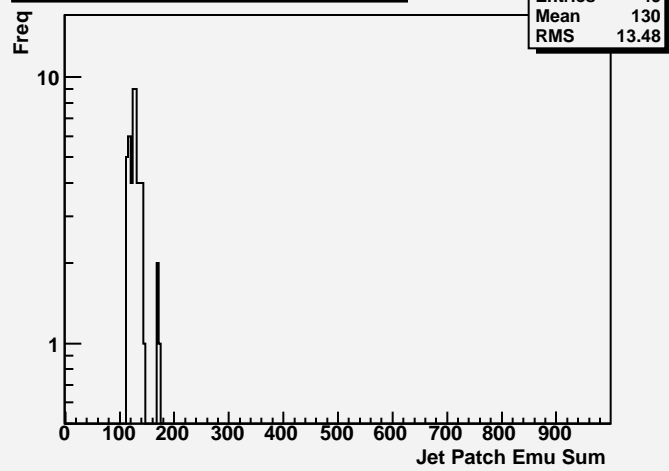
Emu Jet Patch > Thr2=70



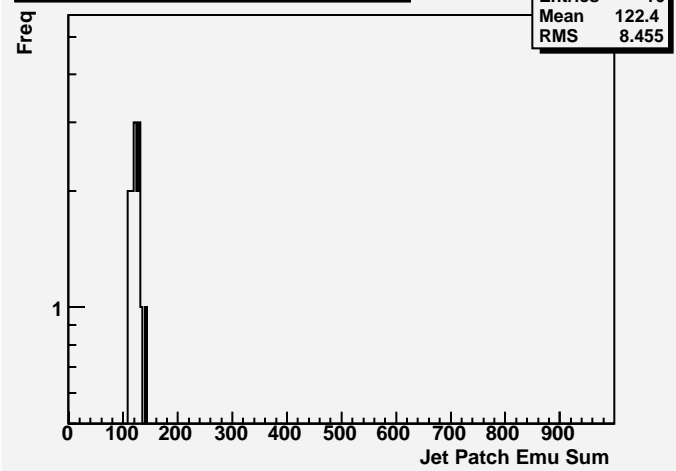
Adjacent Jet patches both over thr0



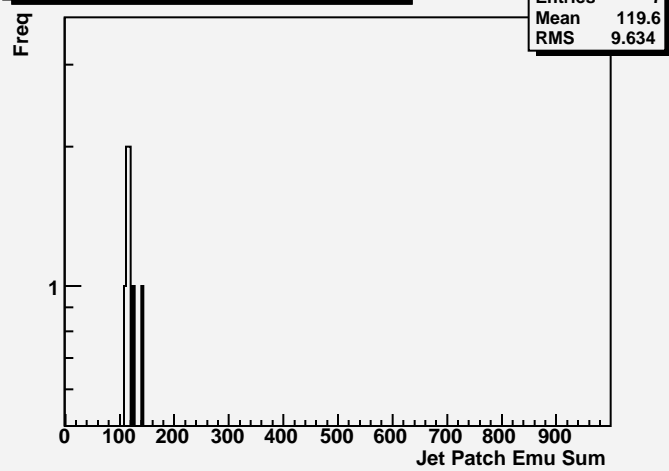
Emulated Sum Jet Patches 1+2



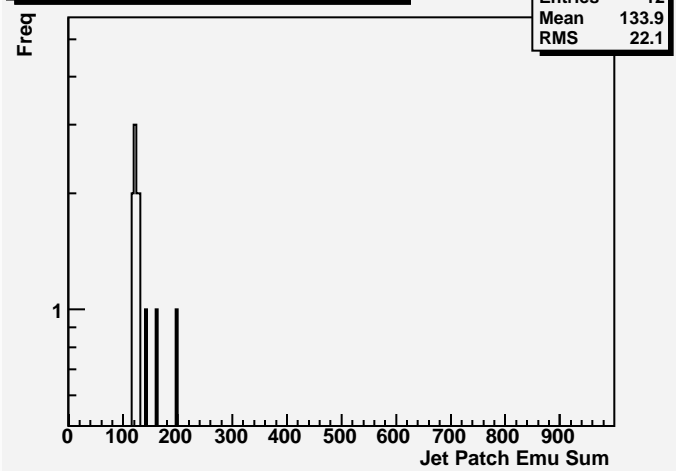
Emulated Sum Jet Patches 2+3



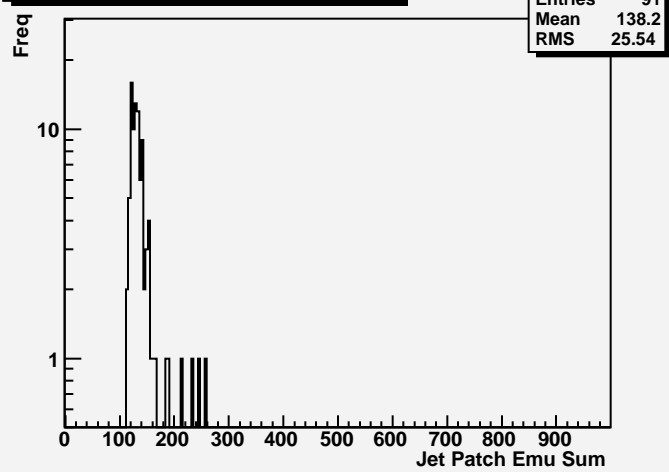
Emulated Sum Jet Patches 3+4



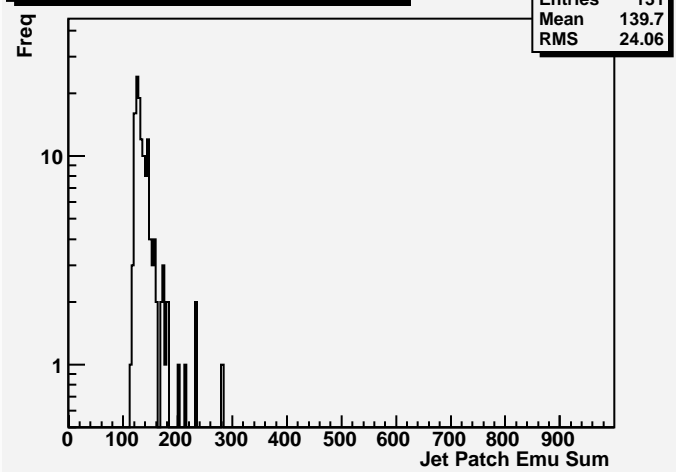
Emulated Sum Jet Patches 4+5



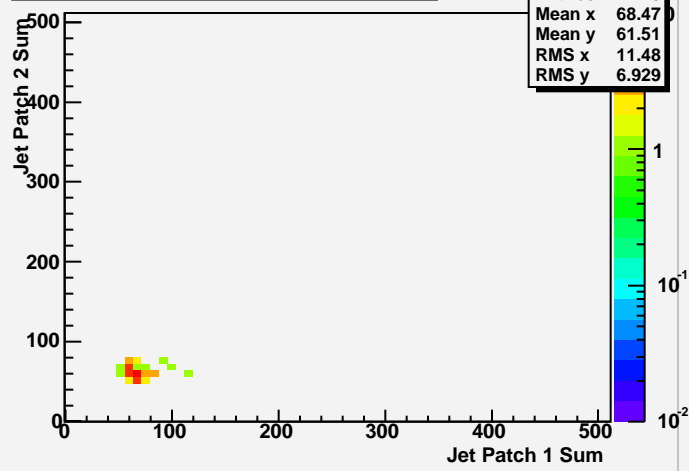
Emulated Sum Jet Patches 5+6



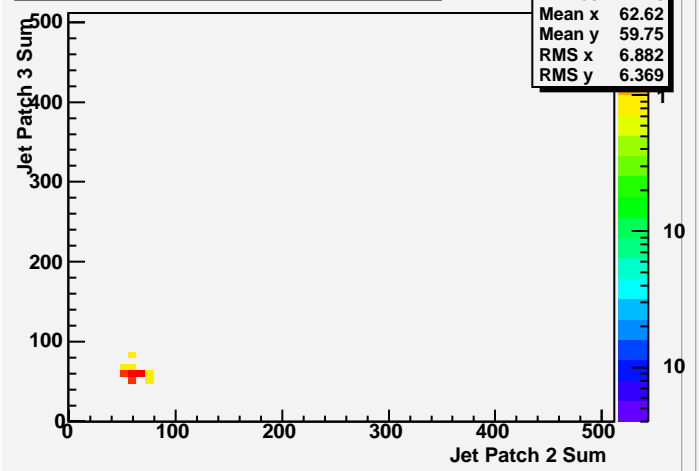
Emulated Sum Jet Patches 6+1



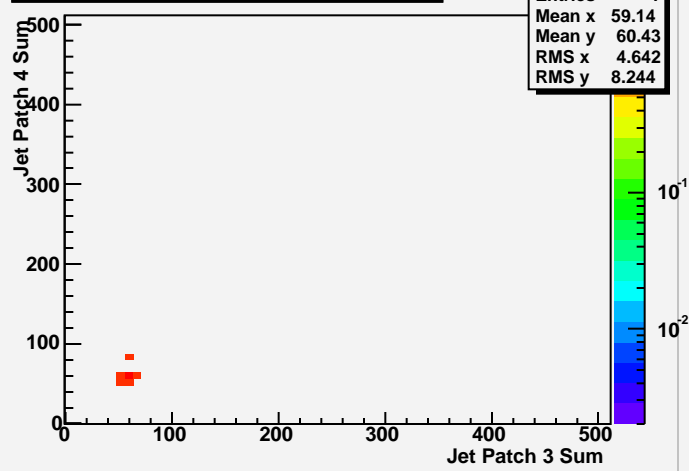
Emulated Sum Jet Patches 1 vs 2



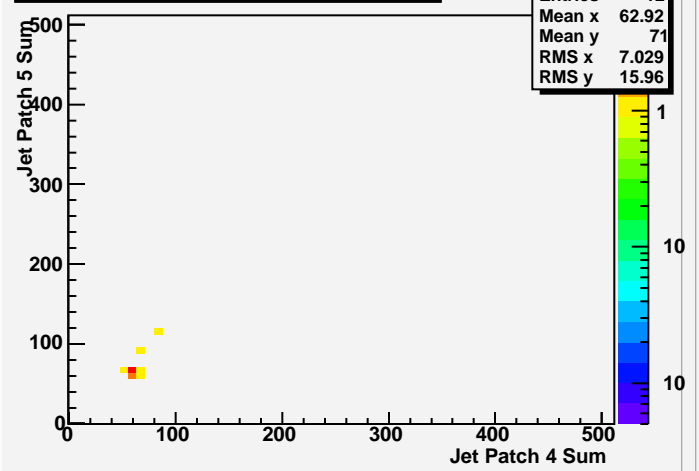
Emulated Sum Jet Patches 2 vs 3



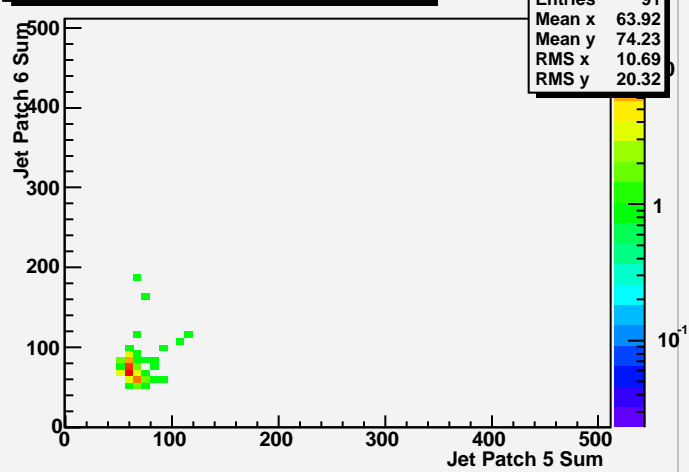
Emulated Sum Jet Patches 3 vs 4



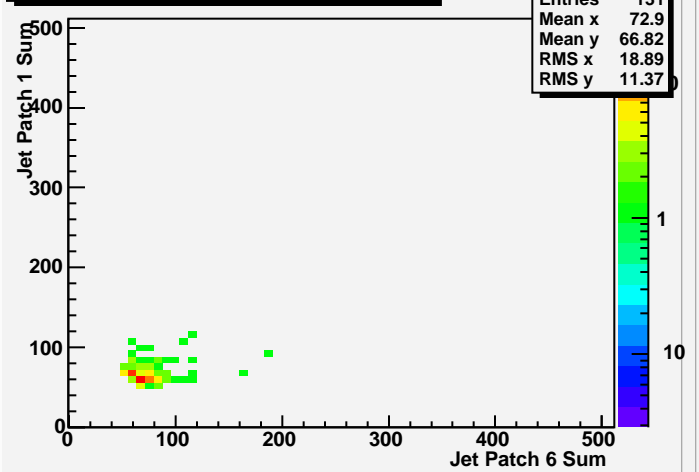
Emulated Sum Jet Patches 4 vs 5



Emulated Sum Jet Patches 5 vs 6

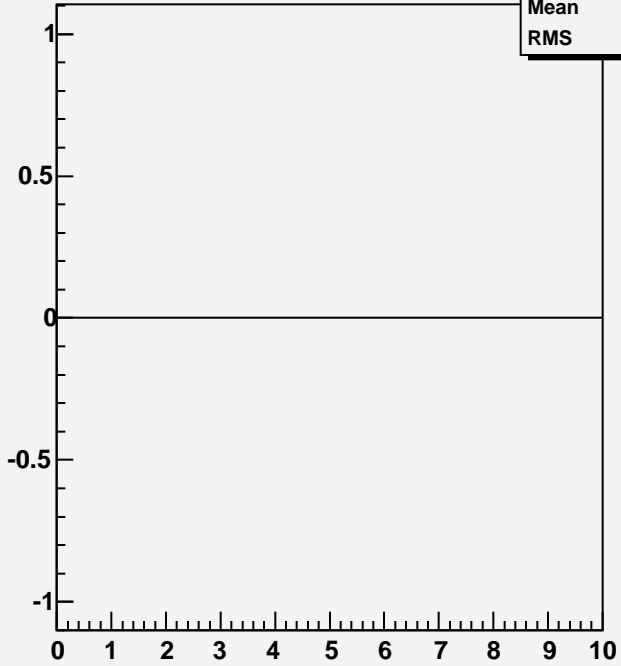


Emulated Sum Jet Patches 6 vs 1



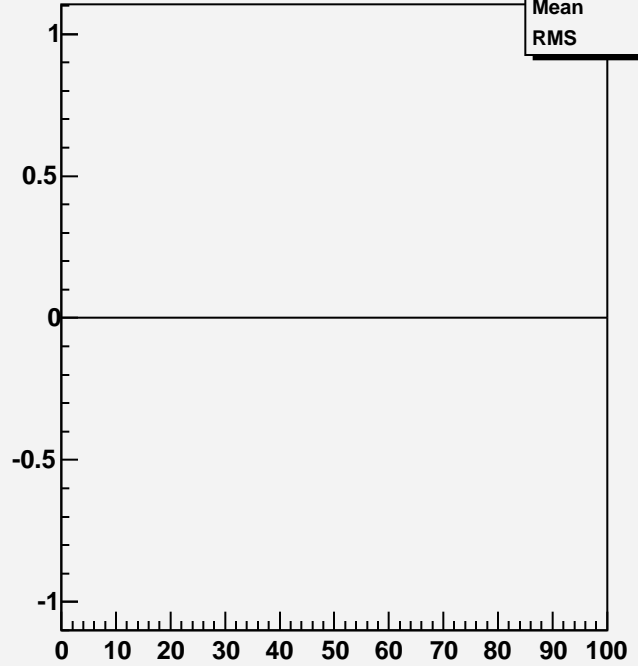
log of SSD Buffer Size

h250_ssd_evsize	
Entries	0
Mean	0
RMS	0

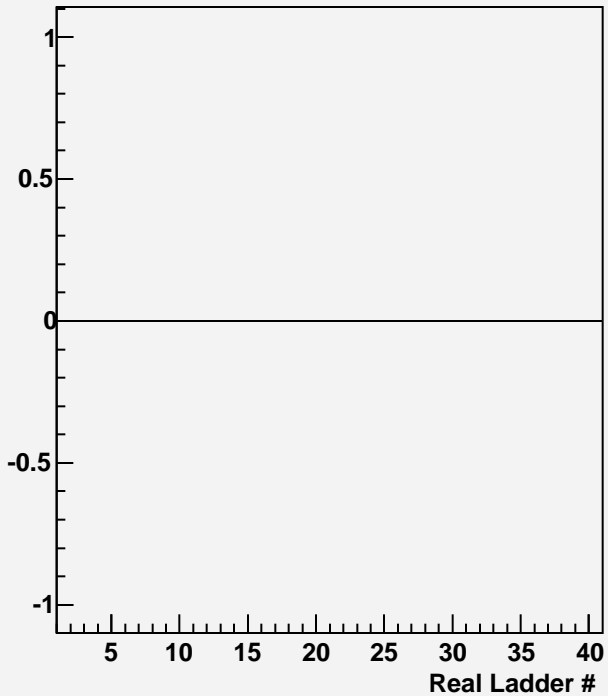


SSD Event Size Fraction (%)

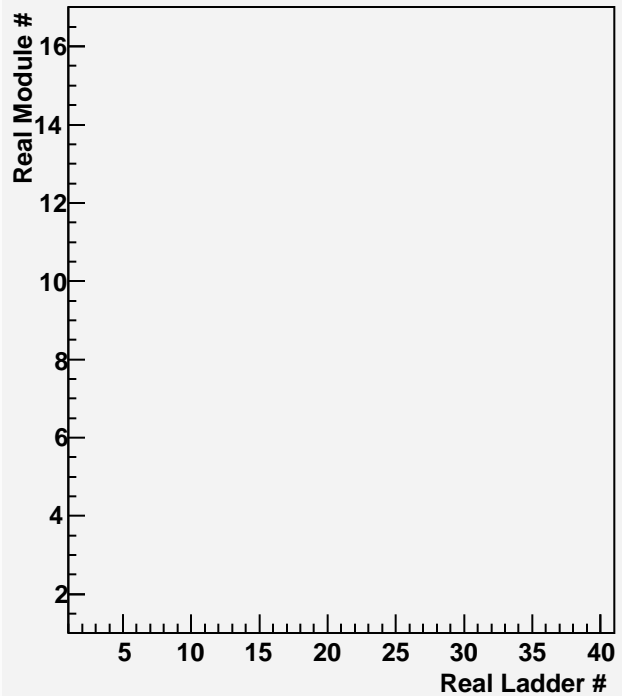
h251_ssd_frac	
Entries	0
Mean	0
RMS	0



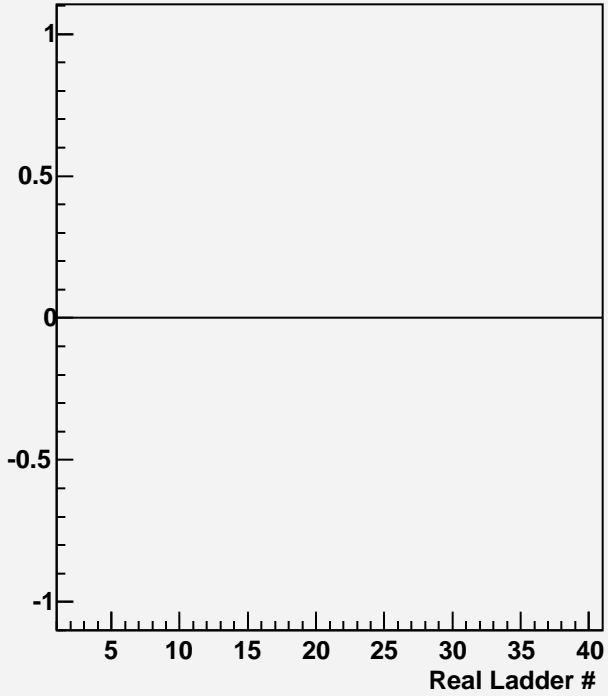
Mean pulse per strip for ladders



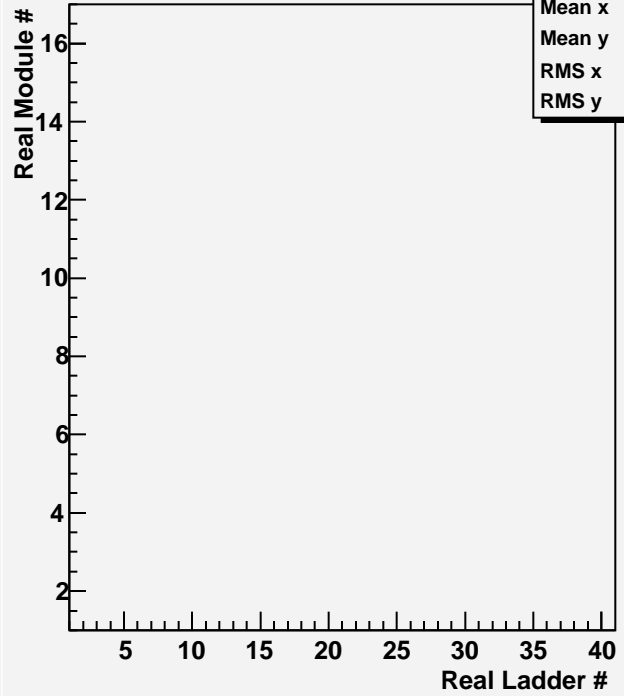
Mean pulse per strip for modules



Mean Ladder Occupancy (%)

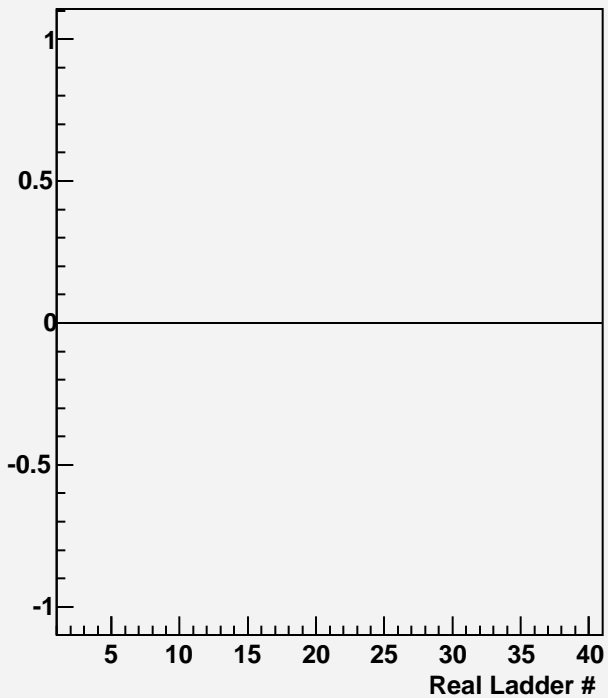


Mean Module Occupancy (%)

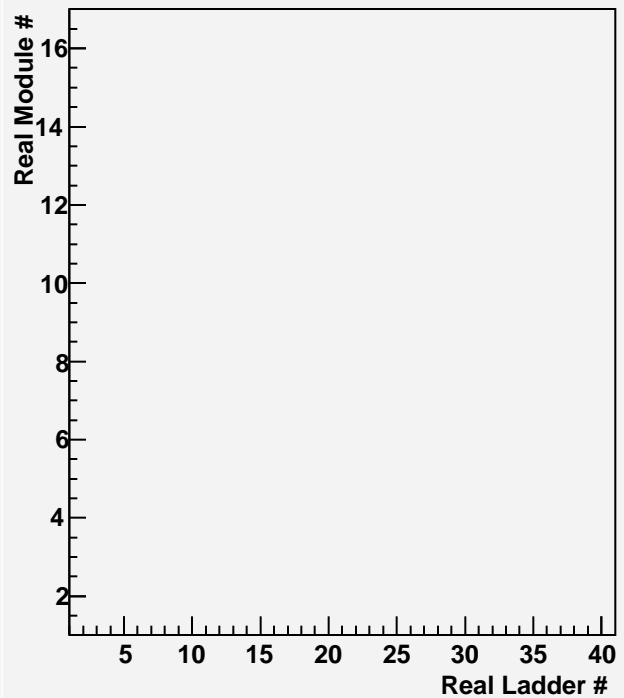


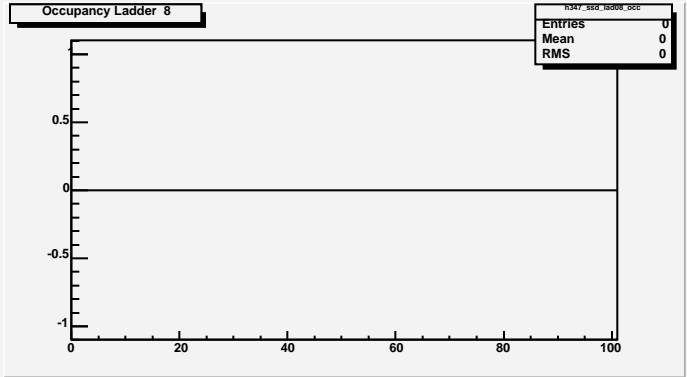
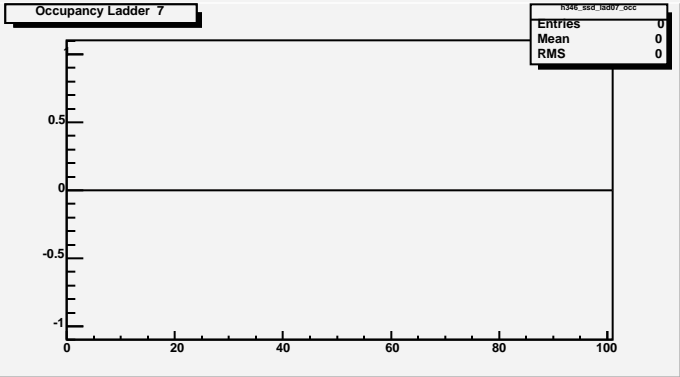
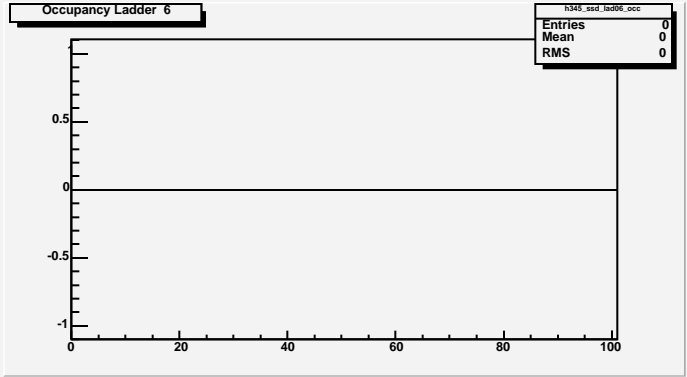
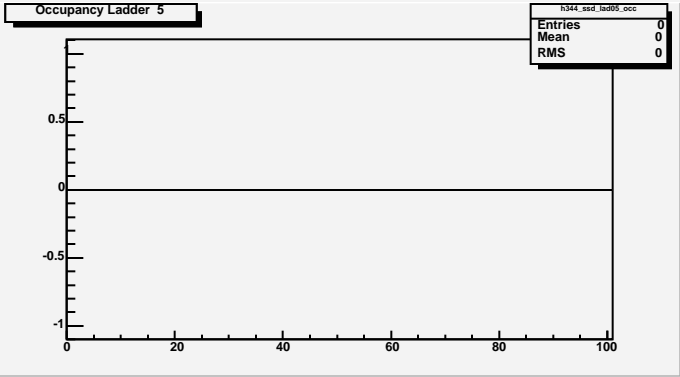
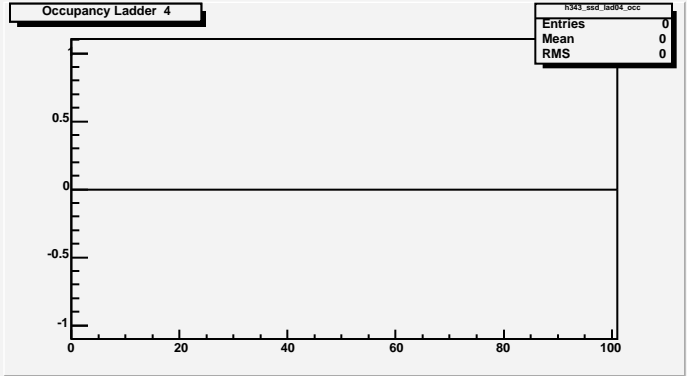
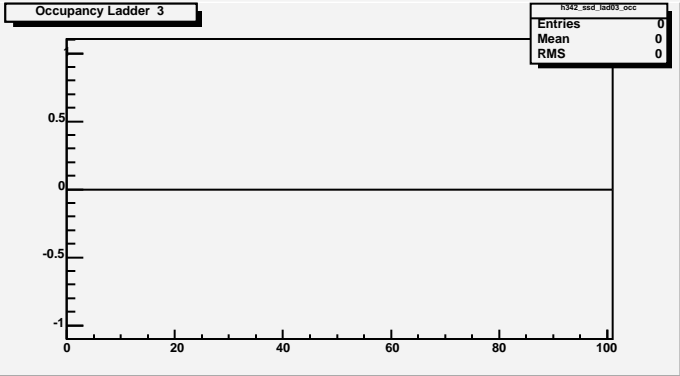
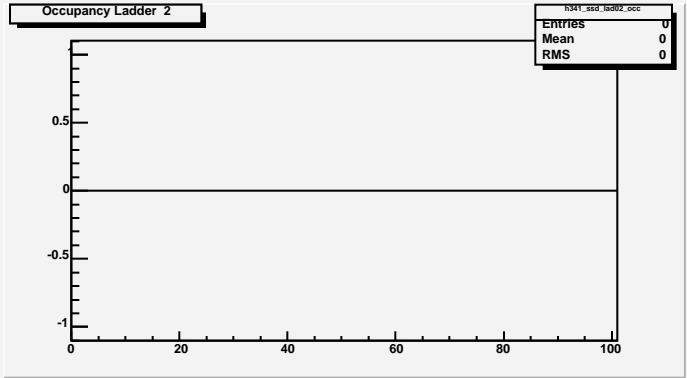
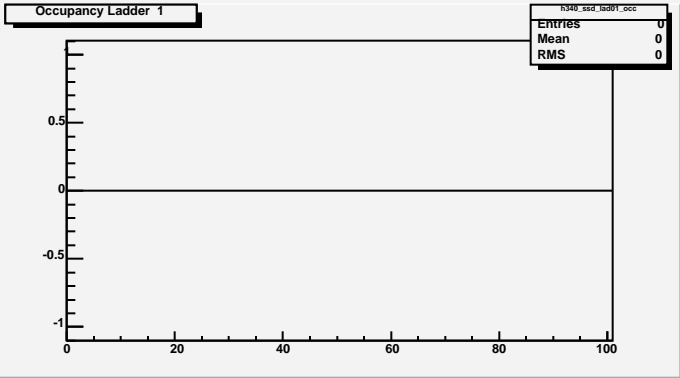
h253_ssd_mod_occ	
Entries	0
Mean x	0
Mean y	0
RMS x	0
RMS y	0

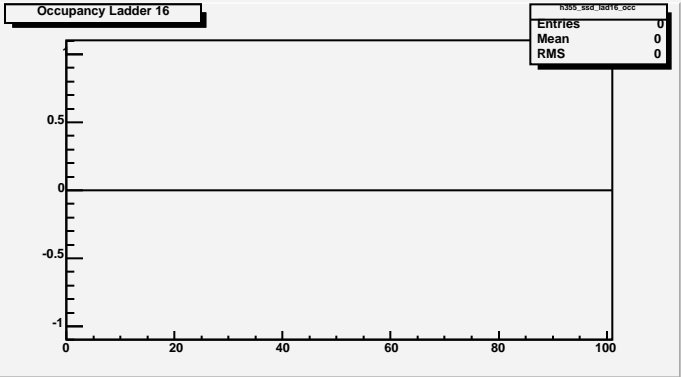
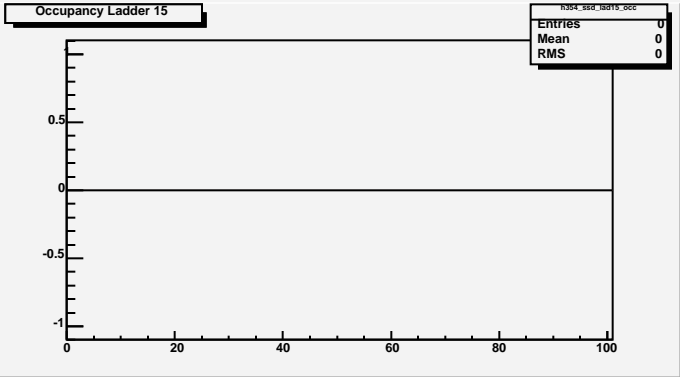
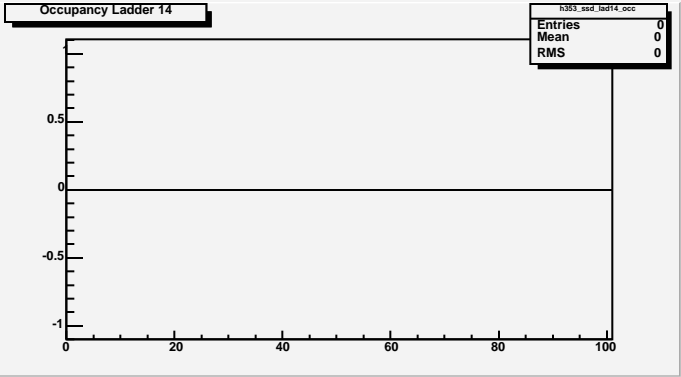
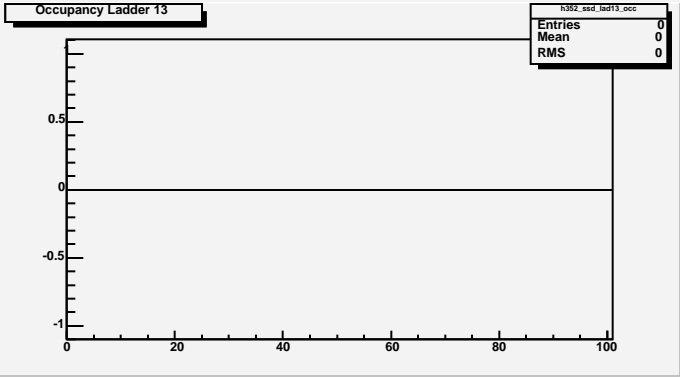
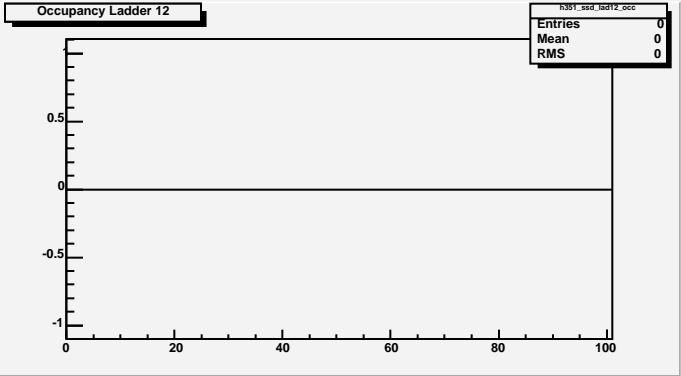
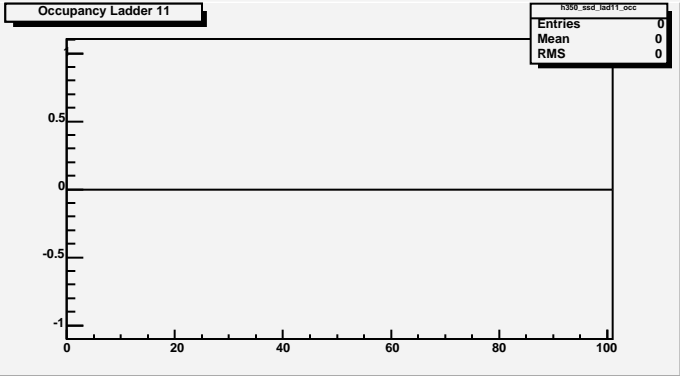
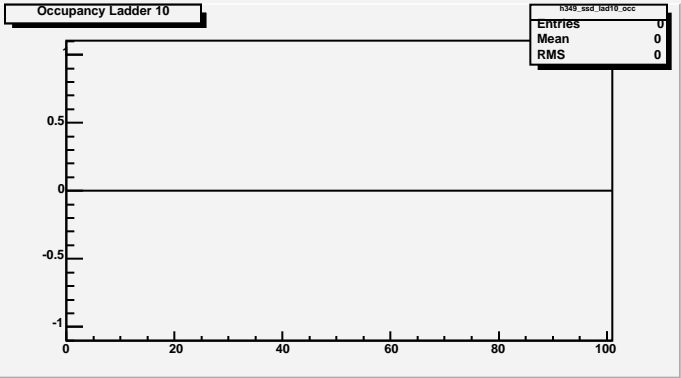
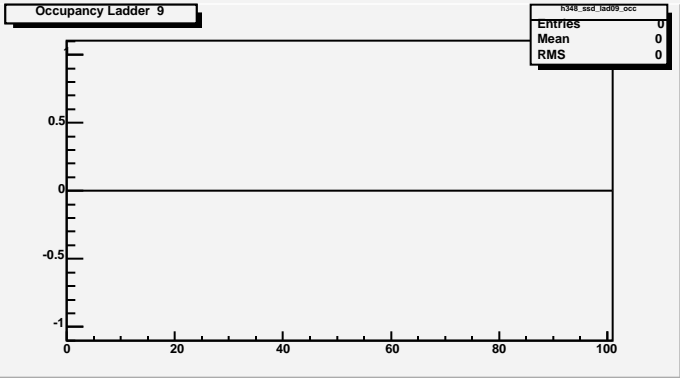
Mean Ladder Occupancy (%) for signal

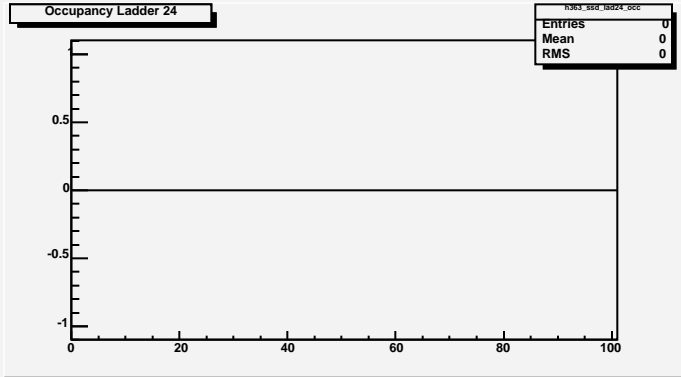
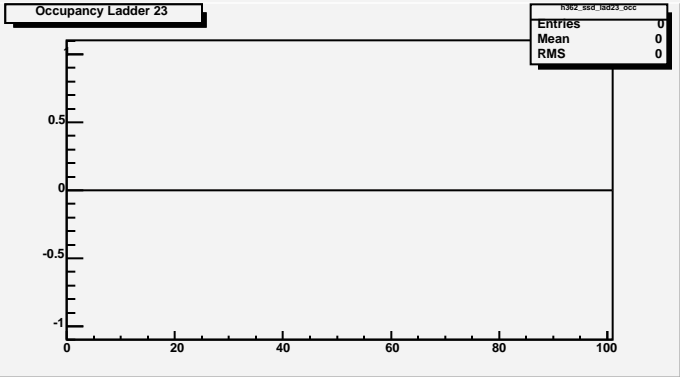
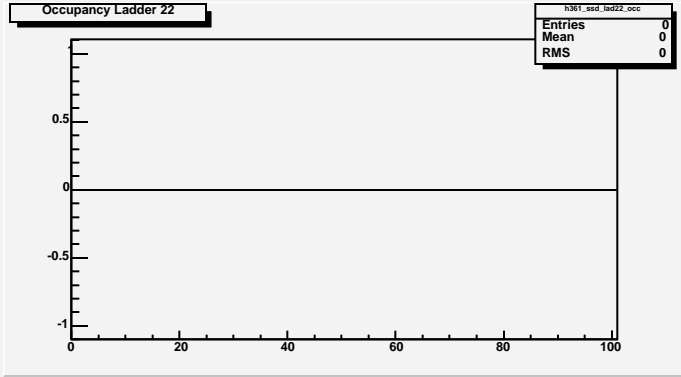
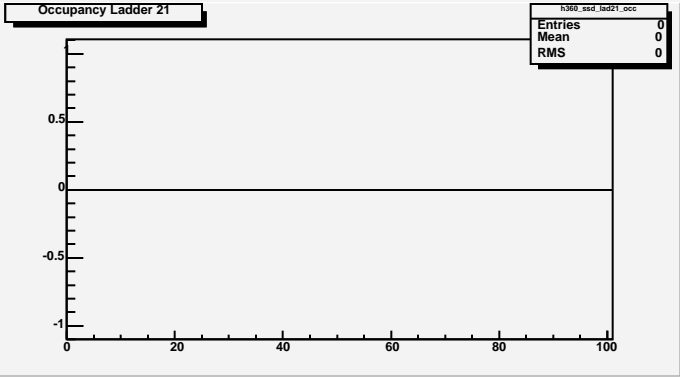
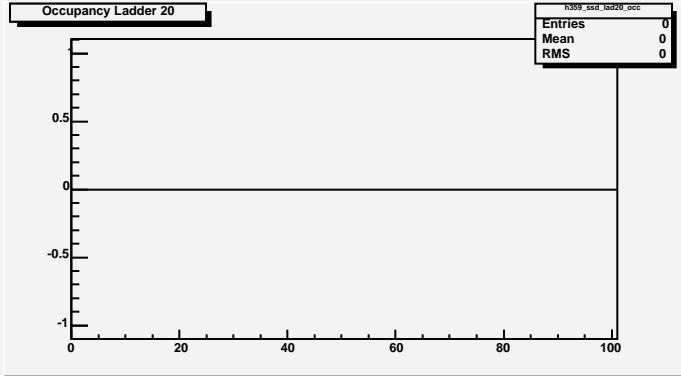
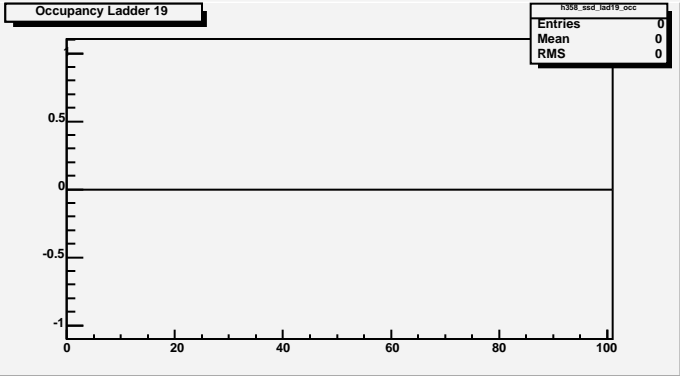
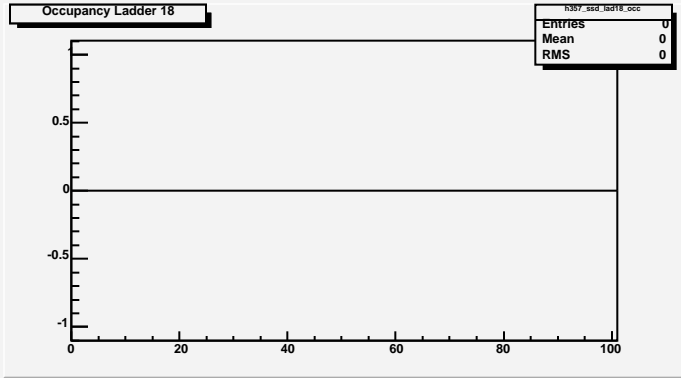
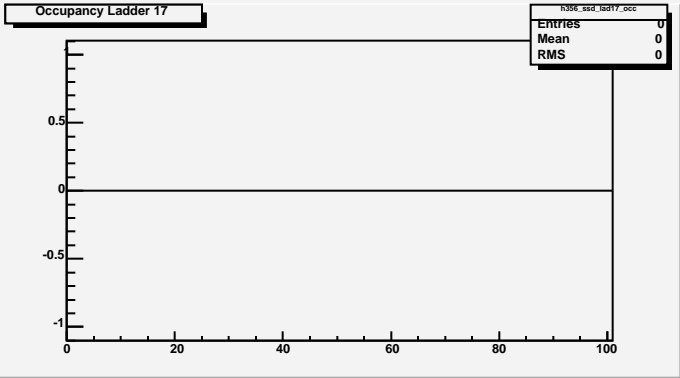


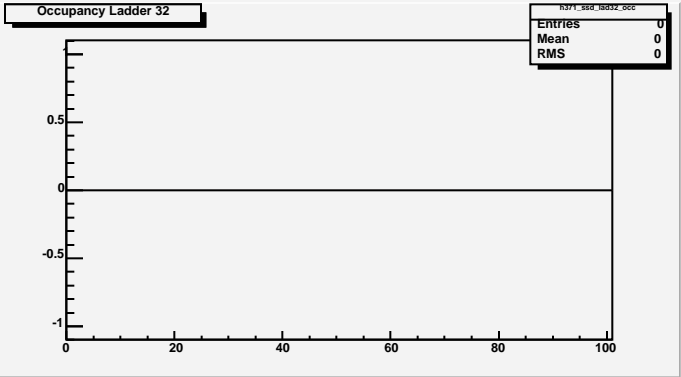
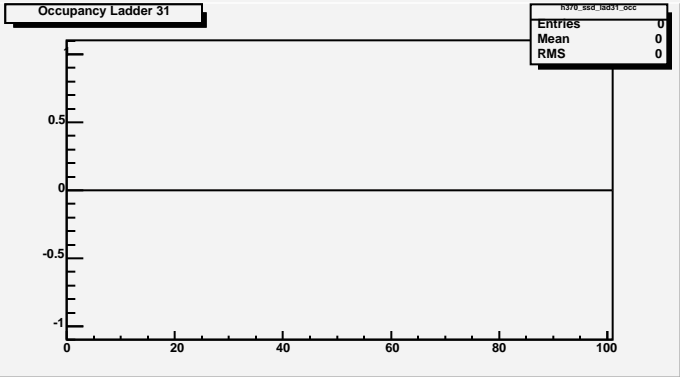
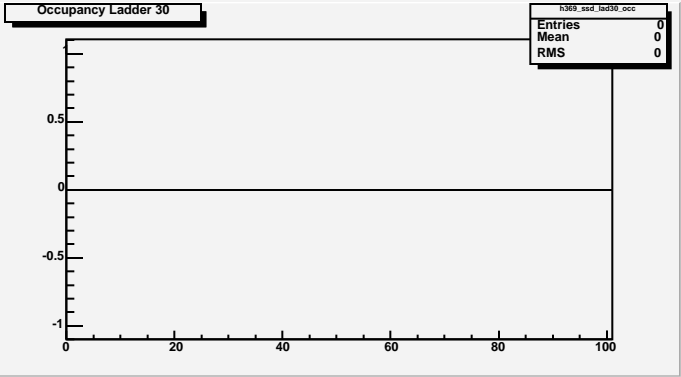
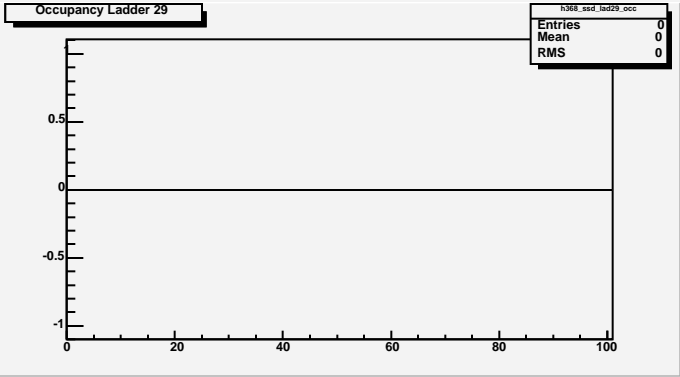
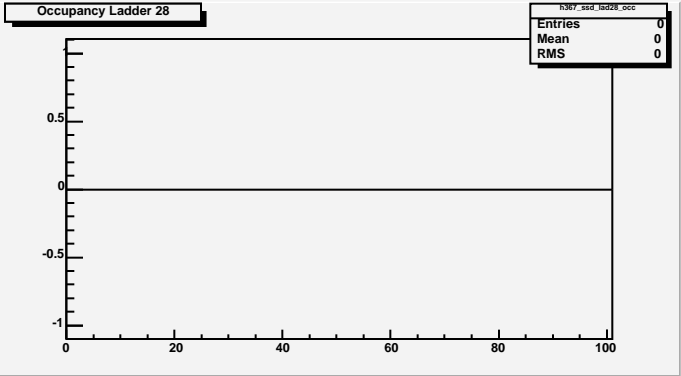
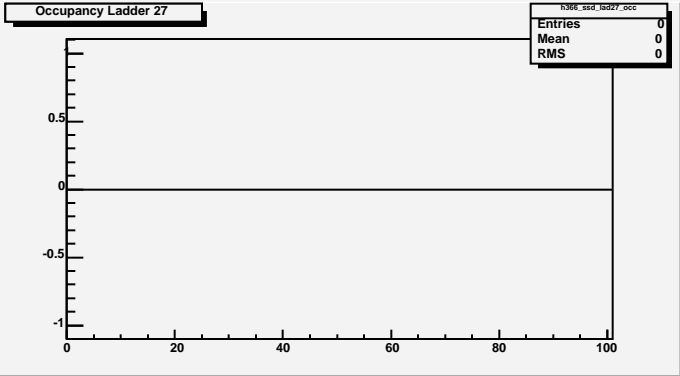
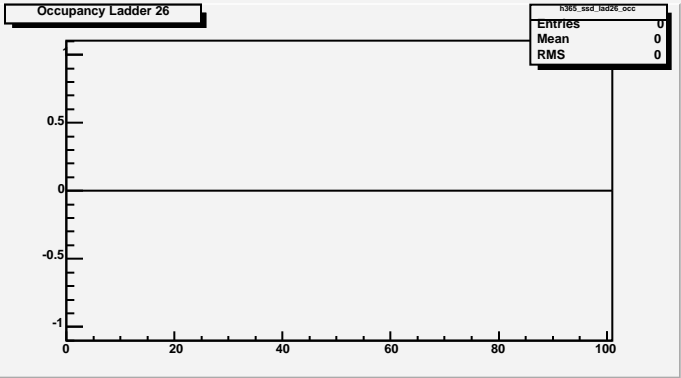
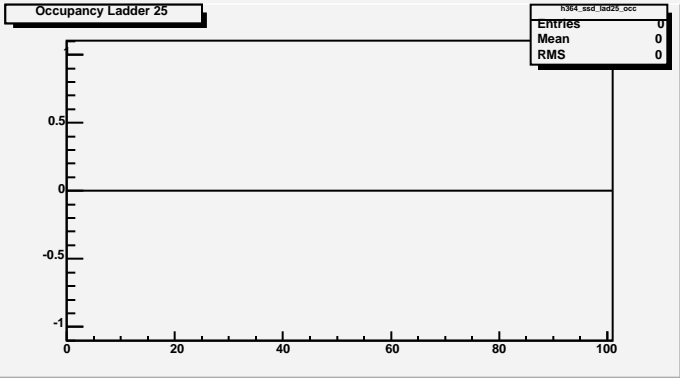
Mean Module Occupancy (%) for signal

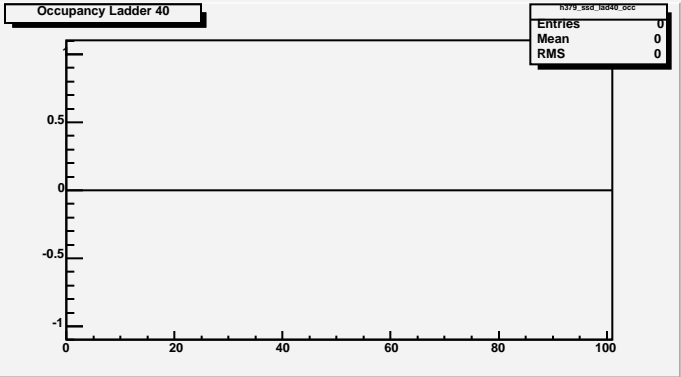
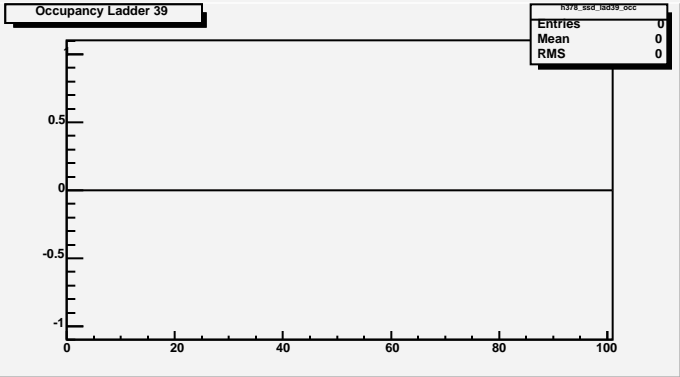
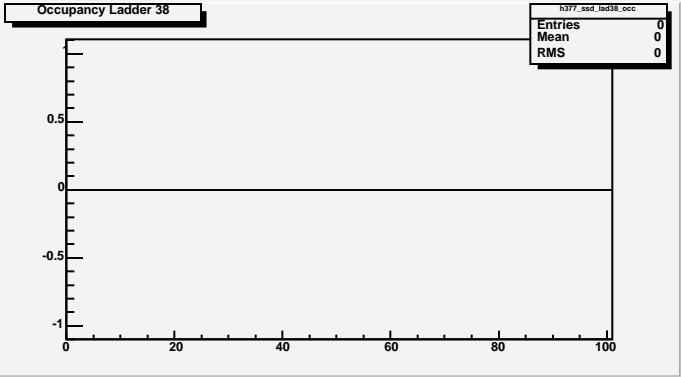
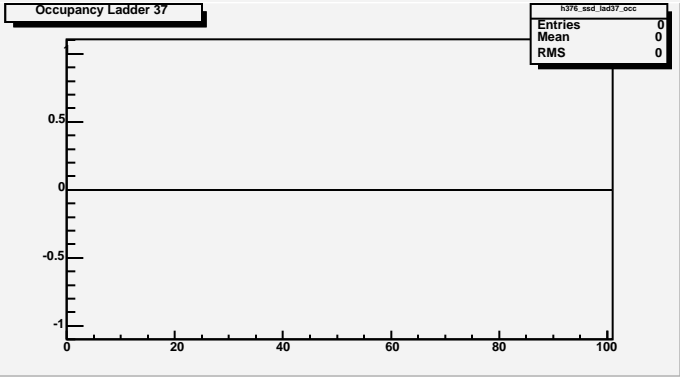
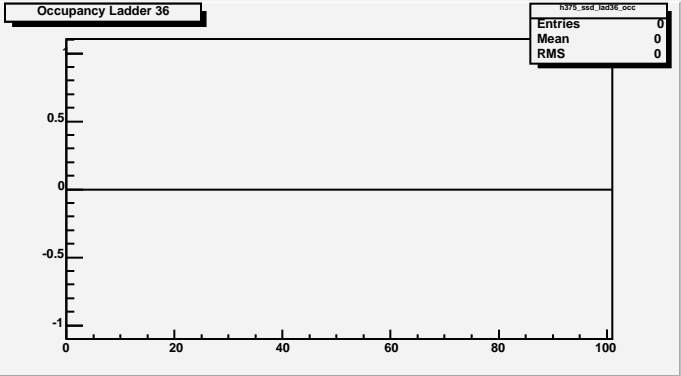
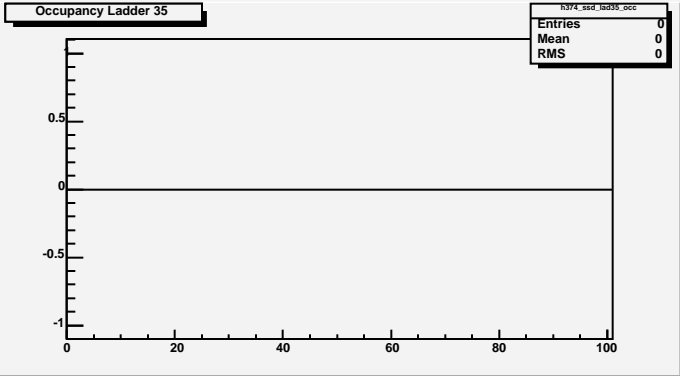
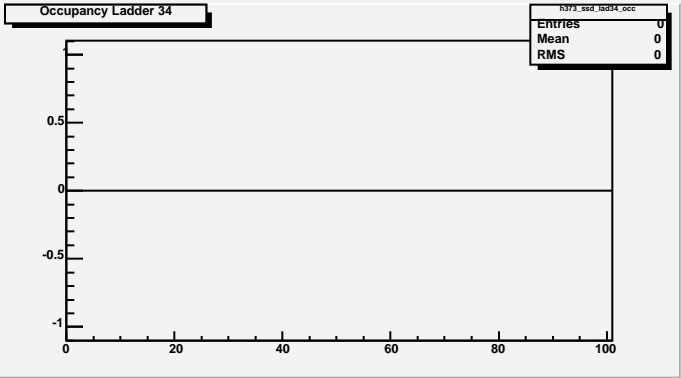
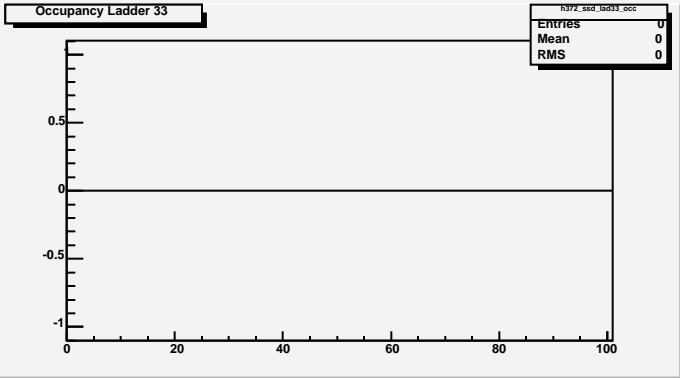


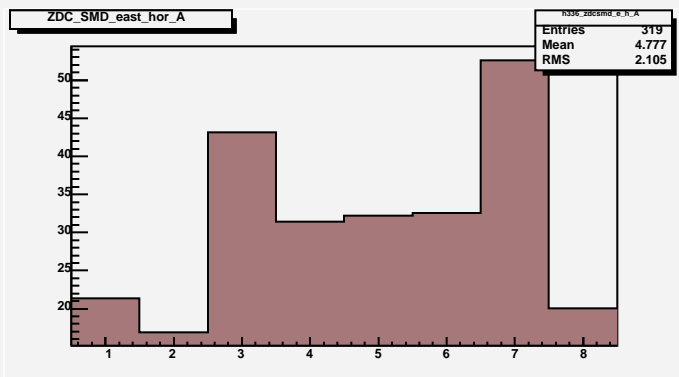
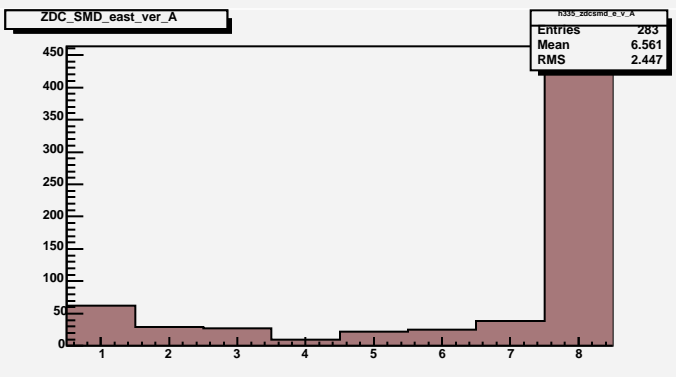
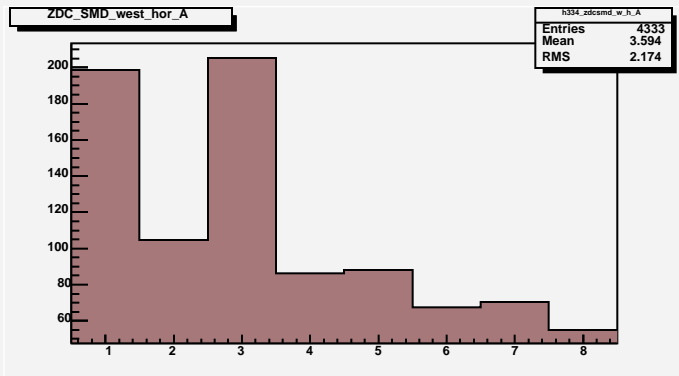
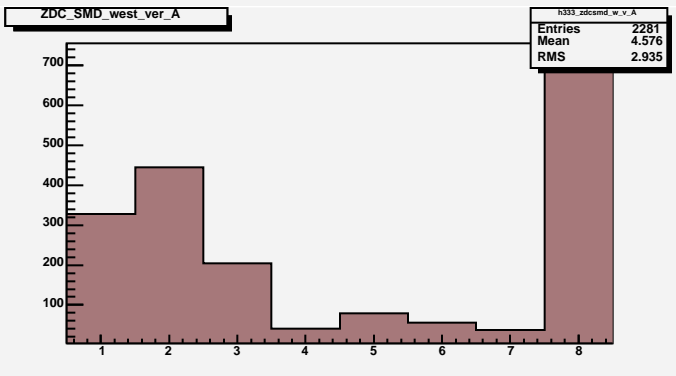
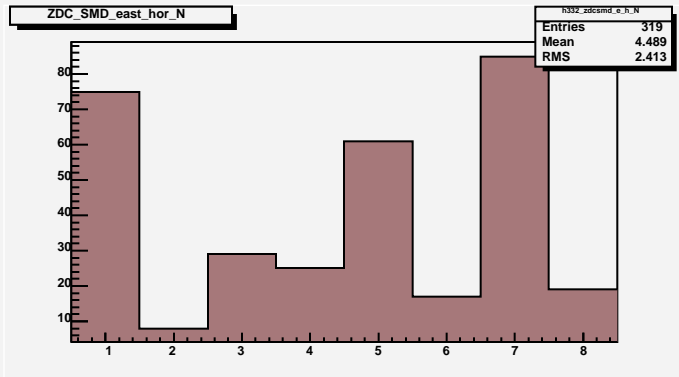
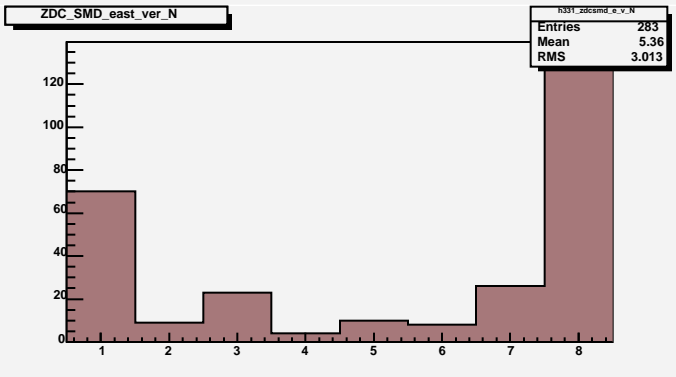
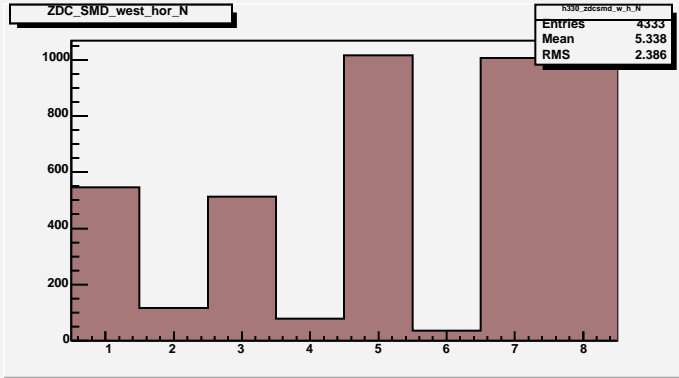
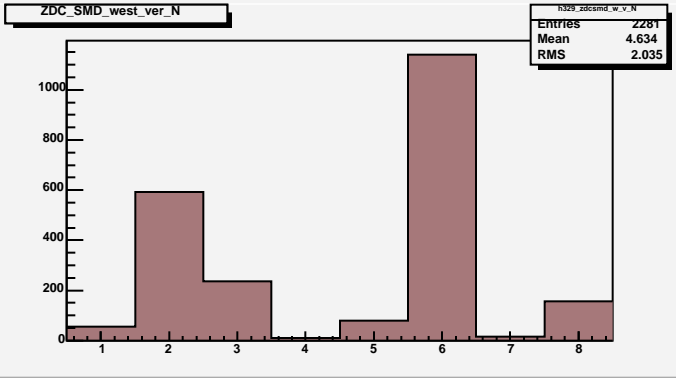






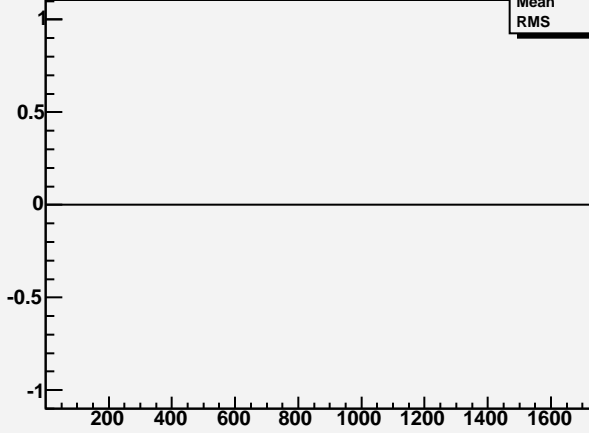






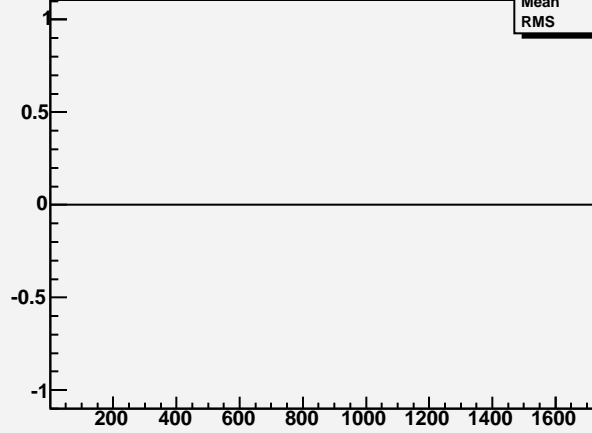
Channel_vs_ADC for CPV Chain 1

h382_pmd_Chain_1
Entries 2089152
Mean 0
RMS 0



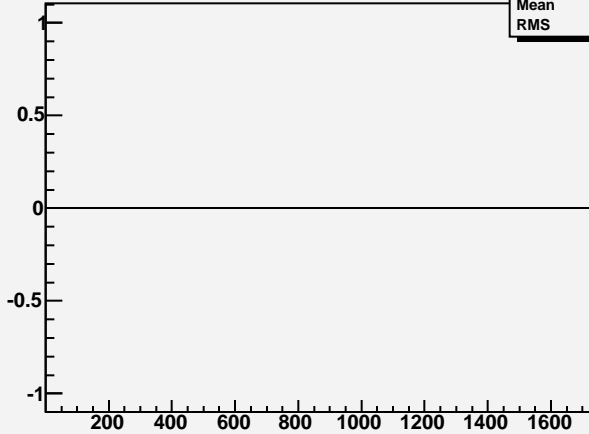
Channel_vs_ADC for CPV Chain 2

h383_pmd_Chain_2
Entries 2089152
Mean 0
RMS 0



Channel_vs_ADC for CPV Chain 3

h384_pmd_Chain_3
Entries 2089152
Mean 0
RMS 0



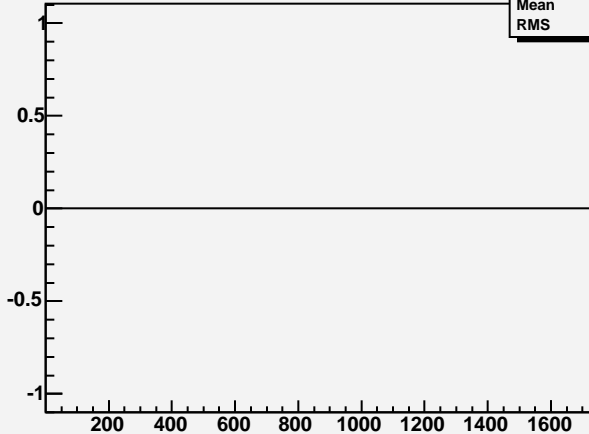
Channel_vs_ADC for CPV Chain 4

h385_pmd_Chain_4
Entries 2089152
Mean 0
RMS 0



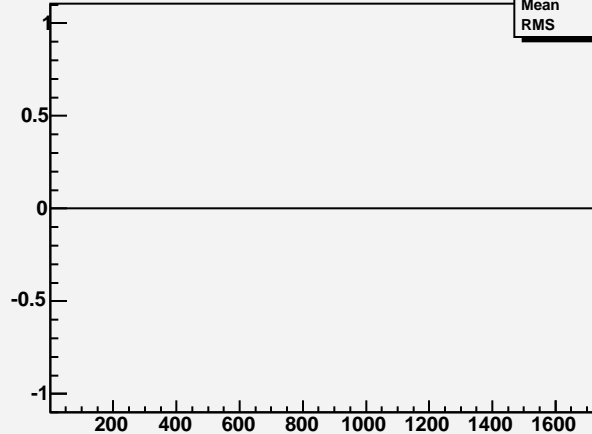
Channel_vs_ADC for CPV Chain 5

h386_pmd_Chain_5
Entries 2089152
Mean 0
RMS 0

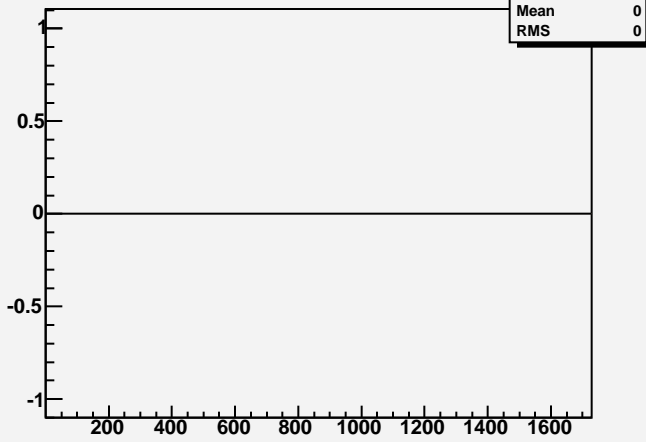


Channel_vs_ADC for CPV Chain 6

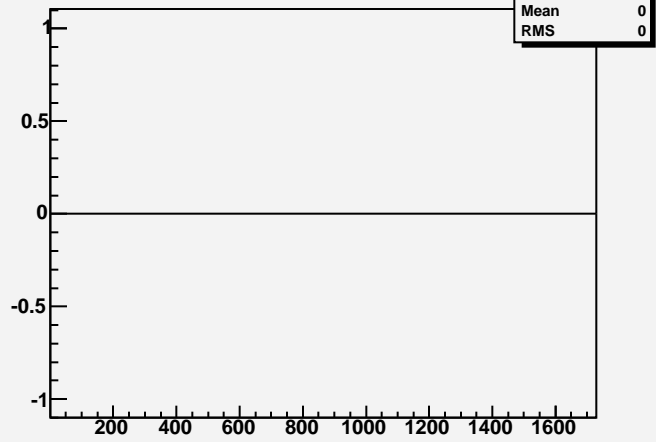
h387_pmd_Chain_6
Entries 2089152
Mean 0
RMS 0



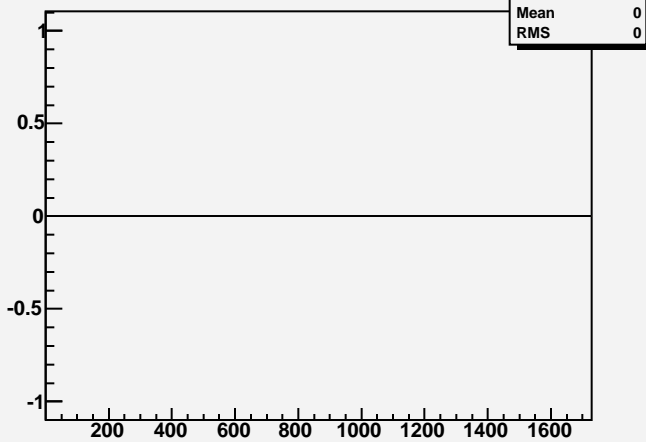
Channel_vs_ADC for CPV Chain 7



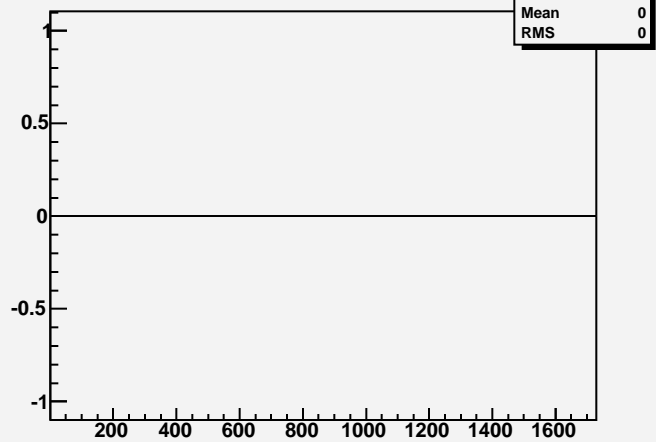
Channel_vs_ADC for CPV Chain 8



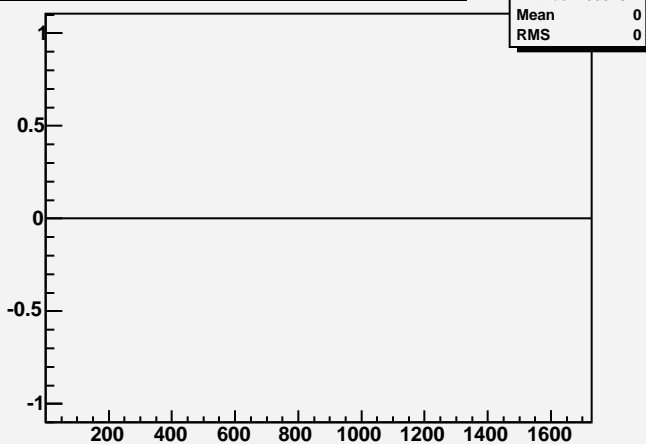
Channel_vs_ADC for CPV Chain 9



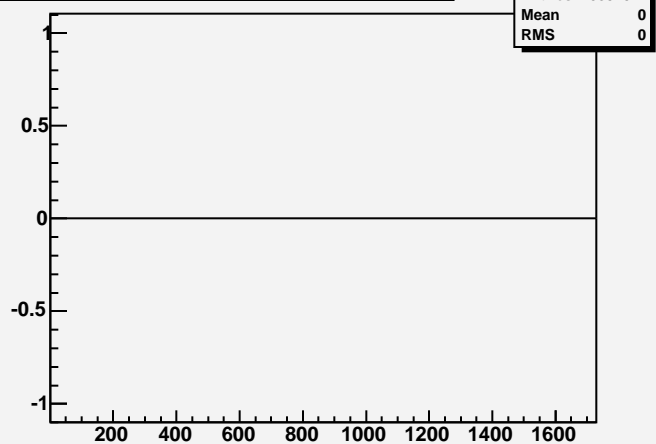
Channel_vs_ADC for PreShower Chain 39



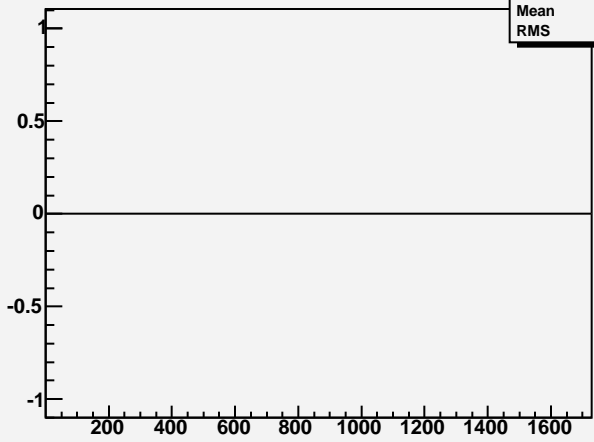
Channel_vs_ADC for PreShower Chain 40



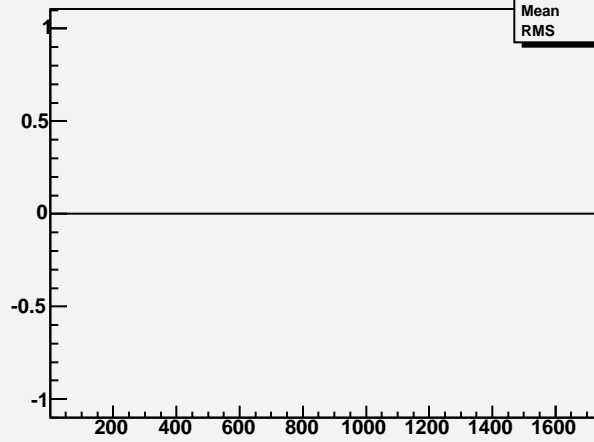
Channel_vs_ADC for CPV Chain 12



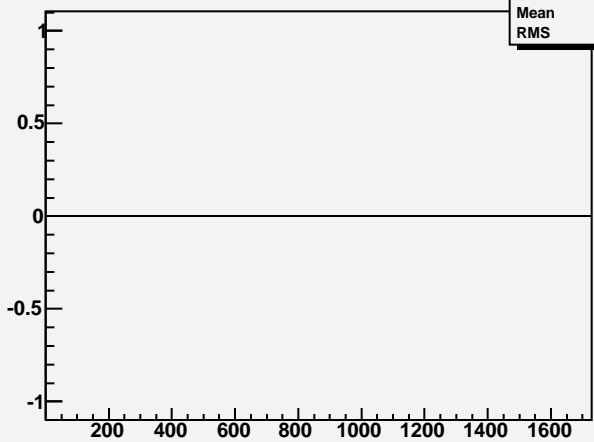
Channel_vs_ADC for CPV Chain 13



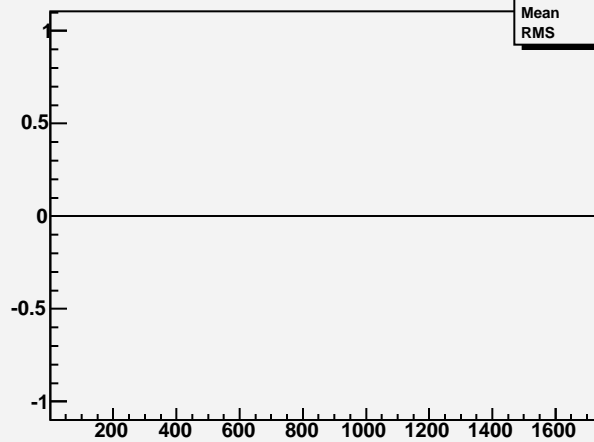
Channel_vs_ADC for CPV Chain 14



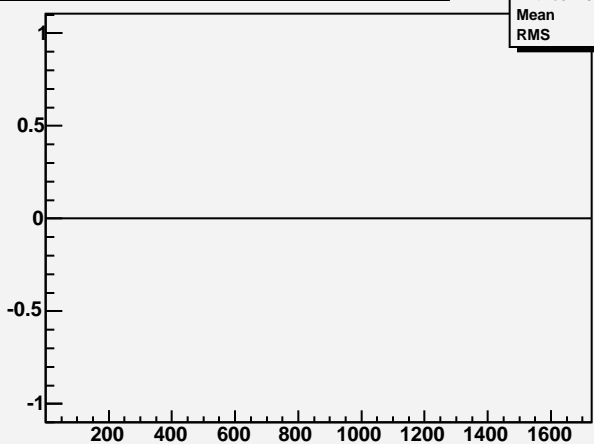
Channel_vs_ADC for CPV Chain 15



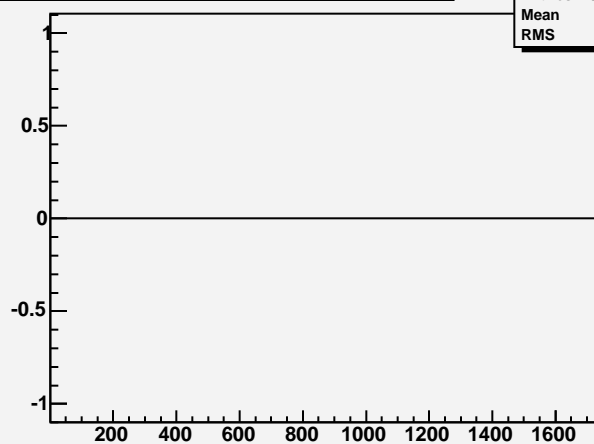
Channel_vs_ADC for CPV Chain 16



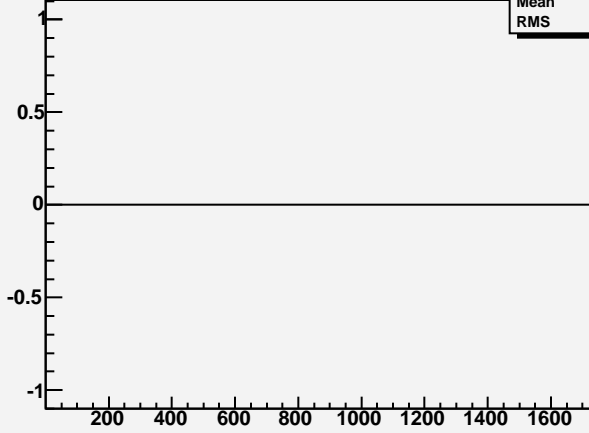
Channel_vs_ADC for CPV Chain 17



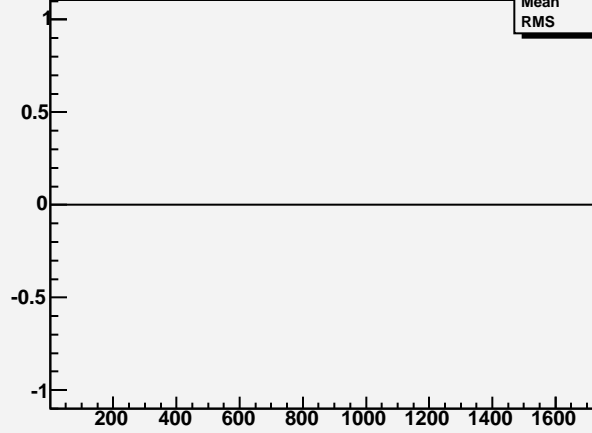
Channel_vs_ADC for CPV Chain 18



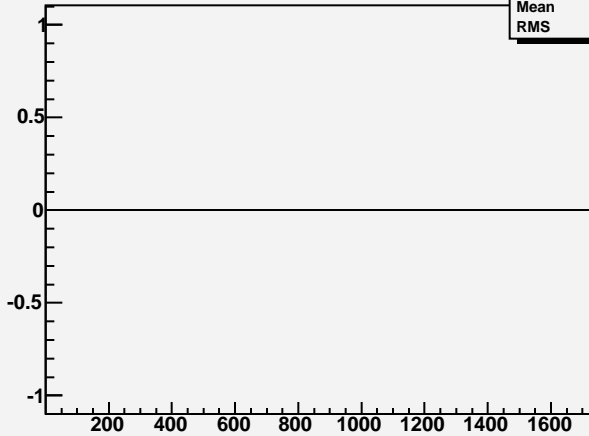
Channel_vs_ADC for CPV Chain 19



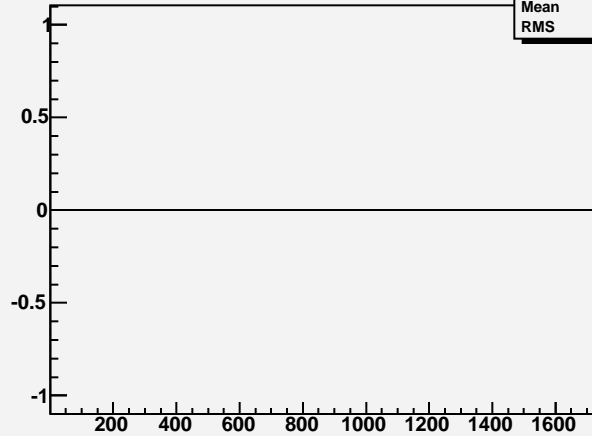
Channel_vs_ADC for CPV Chain 20



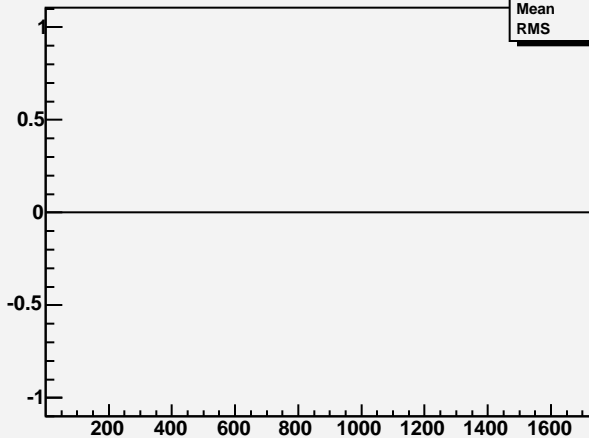
Channel_vs_ADC for CPV Chain 21



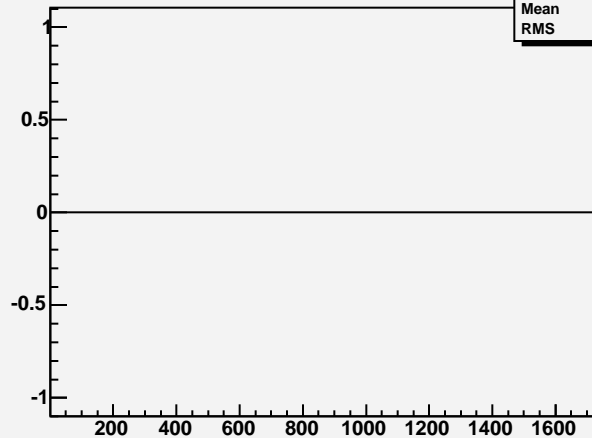
Channel_vs_ADC for CPV Chain 22



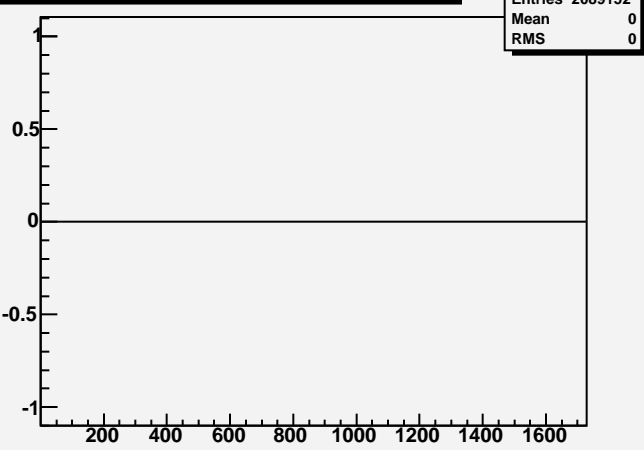
Channel_vs_ADC for CPV Chain 23



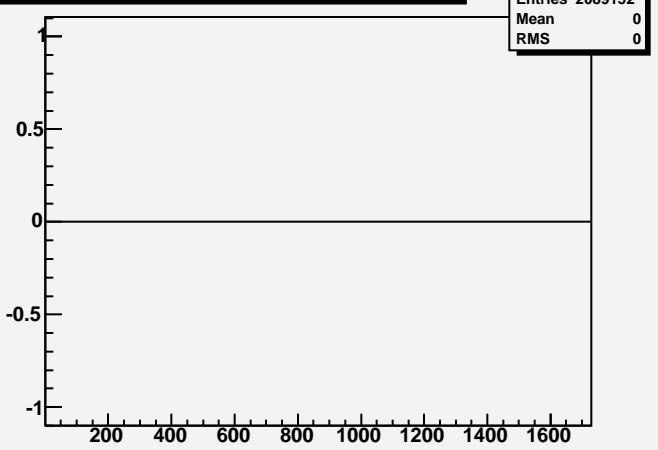
Channel_vs_ADC for CPV Chain 24



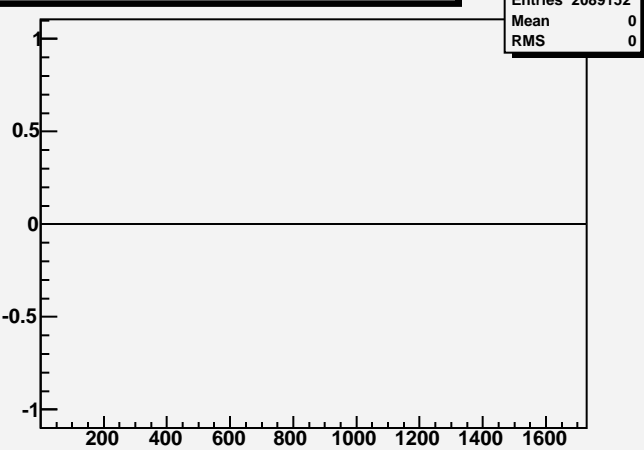
Channel_vs_ADC for PreShower Chain 25



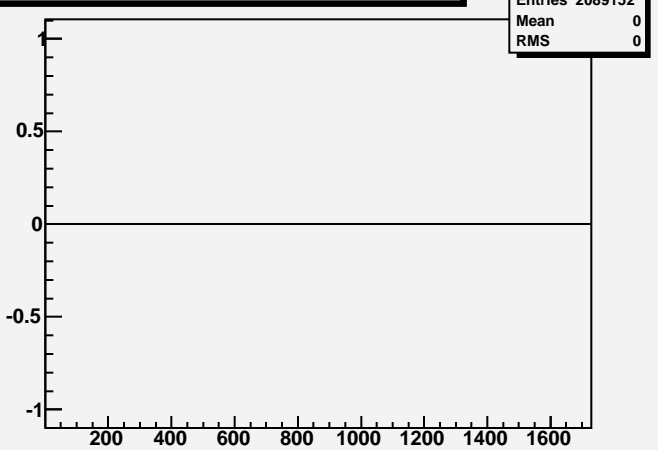
Channel_vs_ADC for PreShower Chain 26



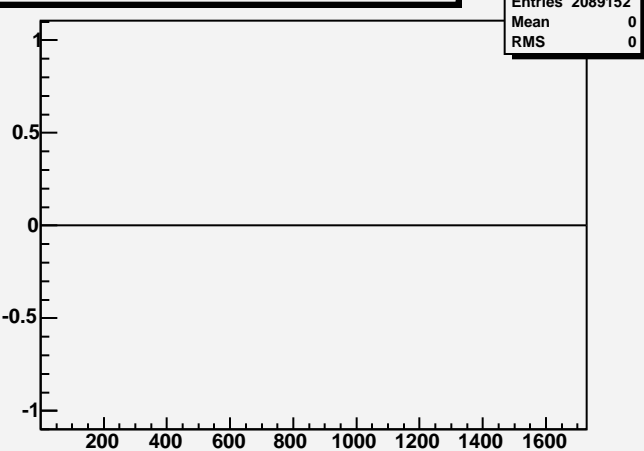
Channel_vs_ADC for PreShower Chain 27



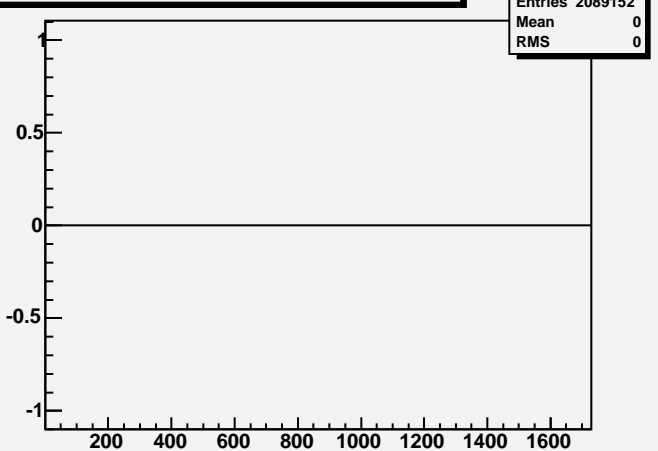
Channel_vs_ADC for PreShower Chain 28

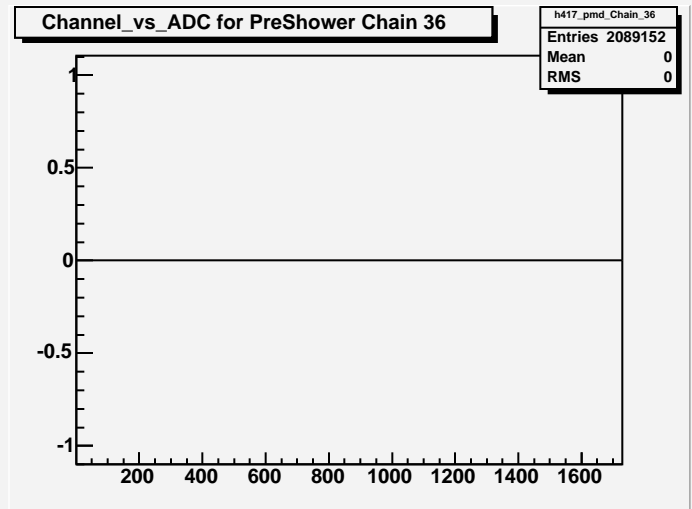
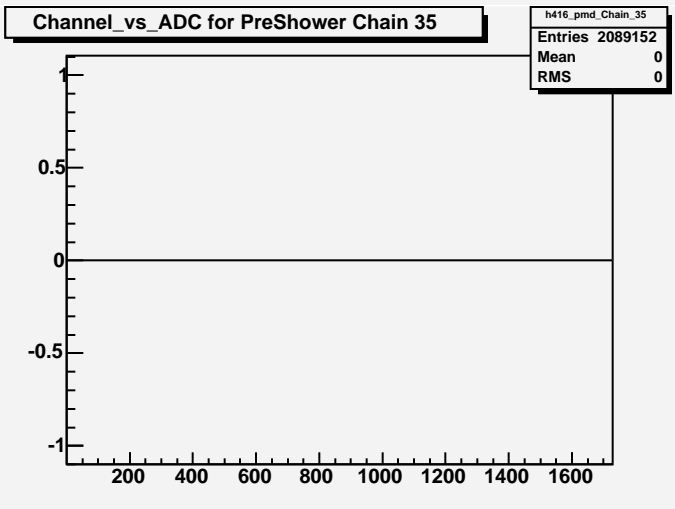
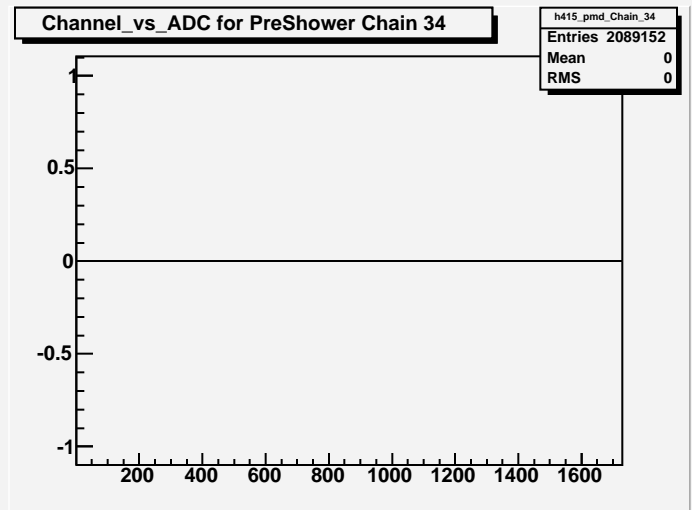
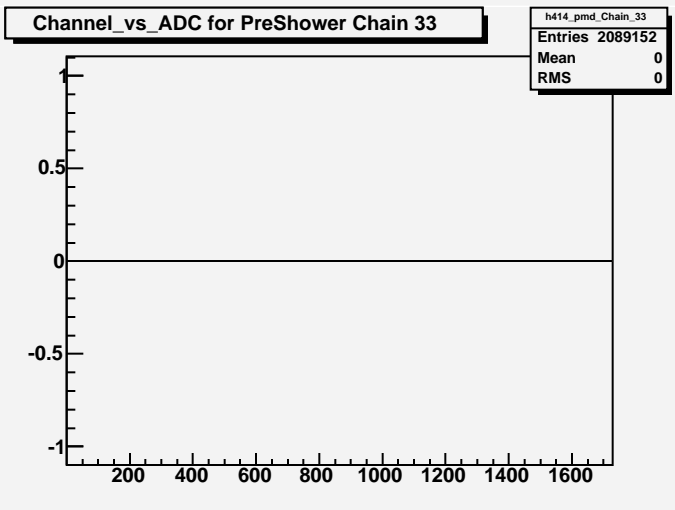
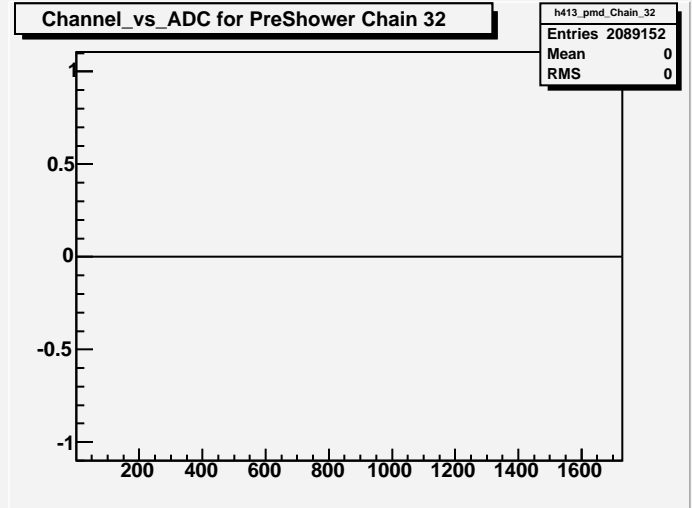
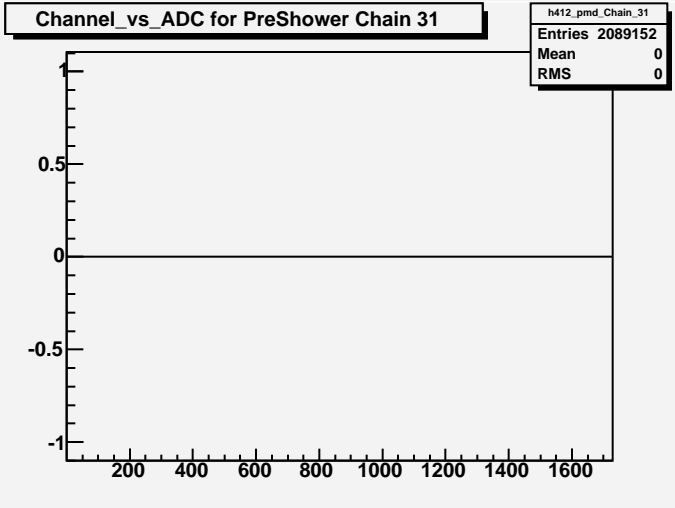


Channel_vs_ADC for PreShower Chain 29

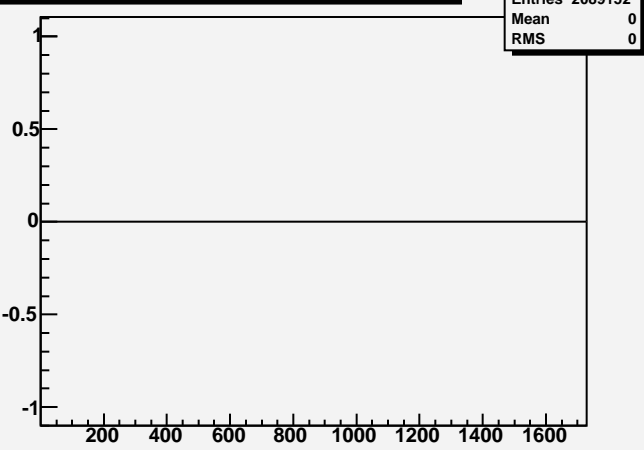


Channel_vs_ADC for PreShower Chain 30

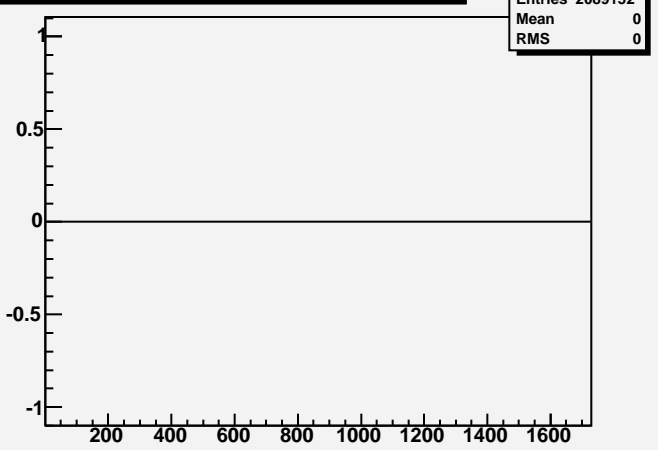




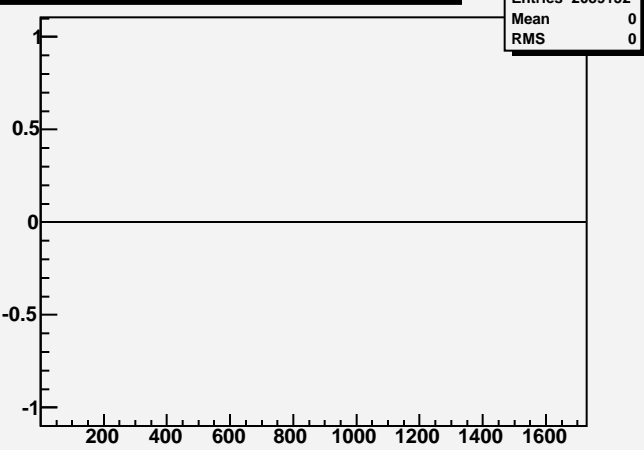
Channel_vs_ADC for PreShower Chain 37



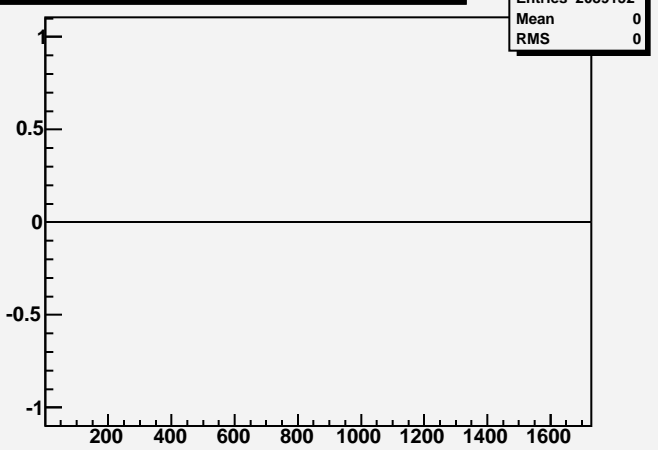
Channel_vs_ADC for PreShower Chain 38



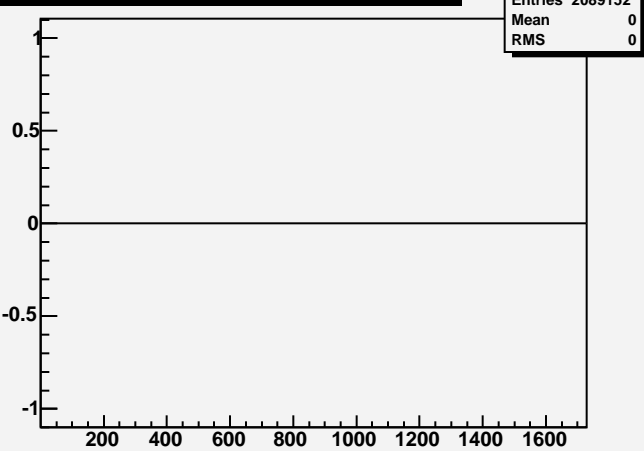
Channel_vs_ADC for PreShower Chain 39



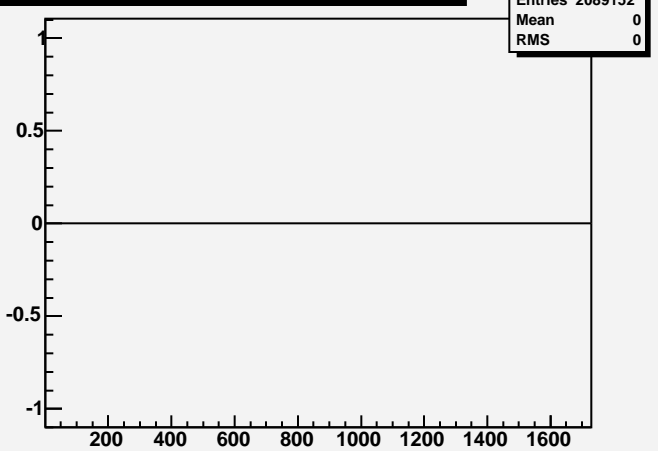
Channel_vs_ADC for PreShower Chain 40



Channel_vs_ADC for PreShower Chain 41

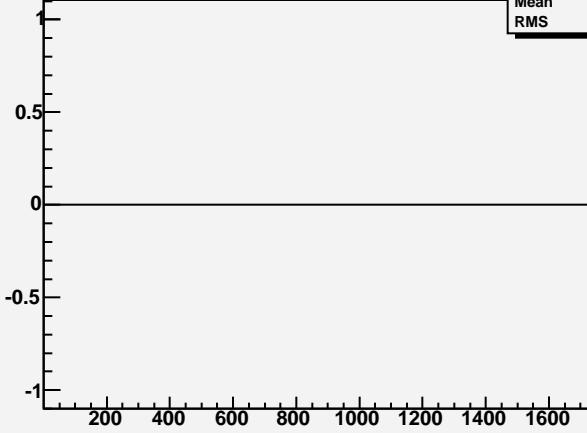


Channel_vs_ADC for PreShower Chain 42



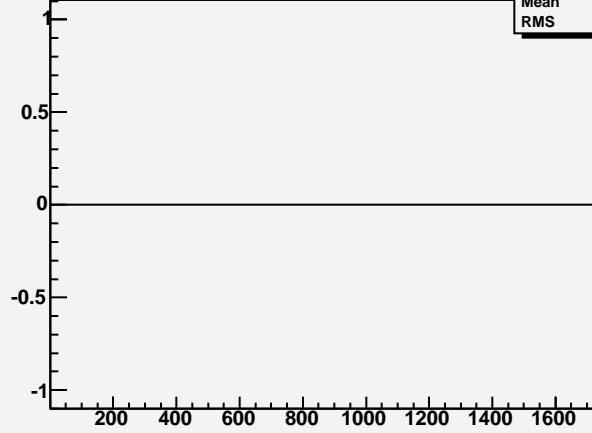
Channel_vs_ADC for PreShower Chain 43

h424_pmd_Chain_43
Entries 2089152
Mean 0
RMS 0



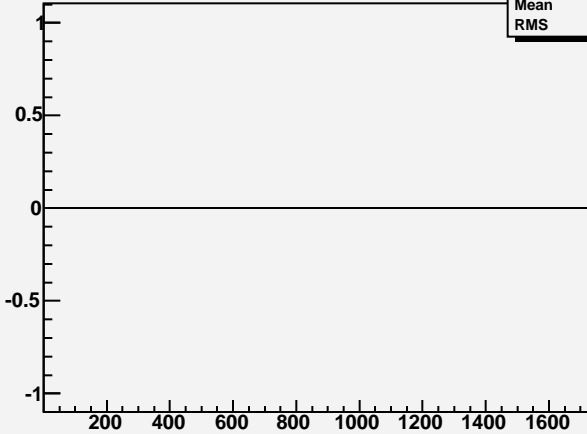
Channel_vs_ADC for PreShower Chain 44

h425_pmd_Chain_44
Entries 2089152
Mean 0
RMS 0



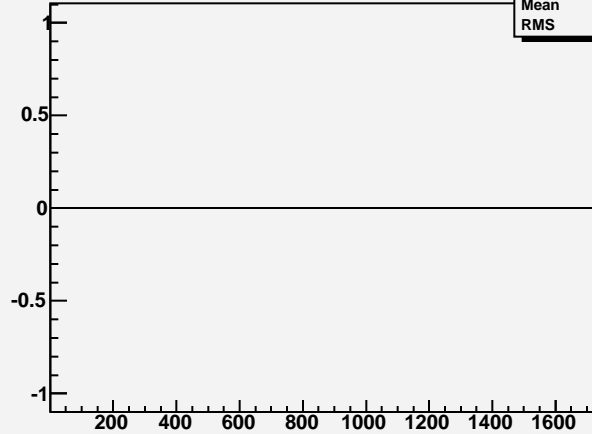
Channel_vs_ADC for PreShower Chain 46

h426_pmd_Chain_45
Entries 2089152
Mean 0
RMS 0



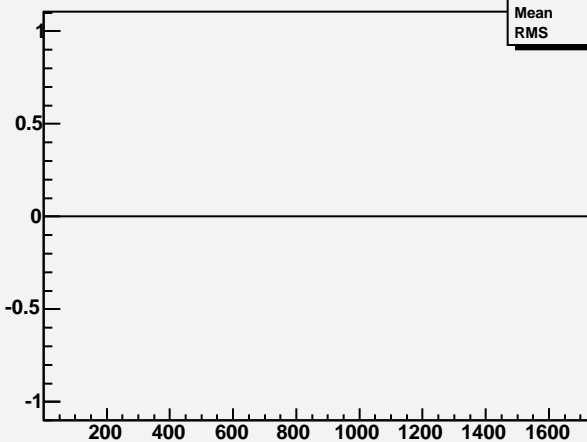
Channel_vs_ADC for PreShower Chain 45

h427_pmd_Chain_46
Entries 2089152
Mean 0
RMS 0



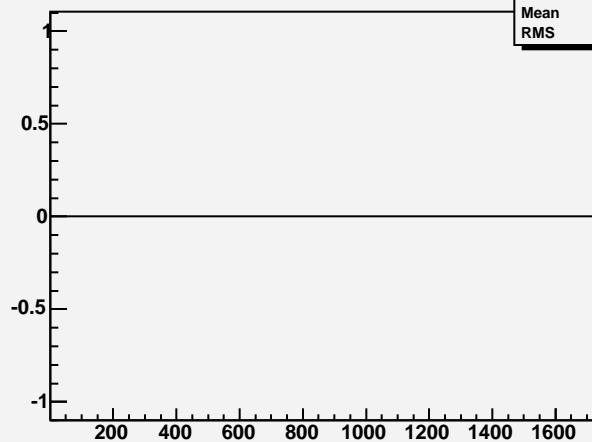
Channel_vs_ADC for PreShower Chain 47

h428_pmd_Chain_47
Entries 2089152
Mean 0
RMS 0

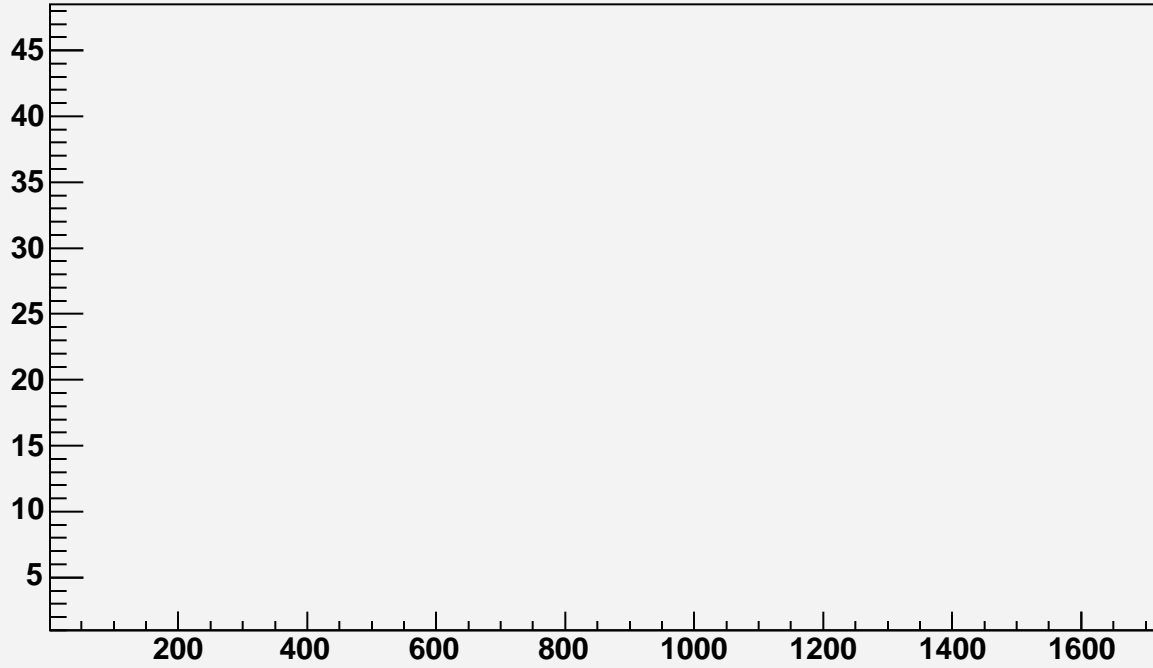


Channel_vs_ADC for PreShower Chain 48

h429_pmd_Chain_48
Entries 2089152
Mean 0
RMS 0



Chain vs Channel 2D



Chain vs Channel 2D (ADC weighted)

