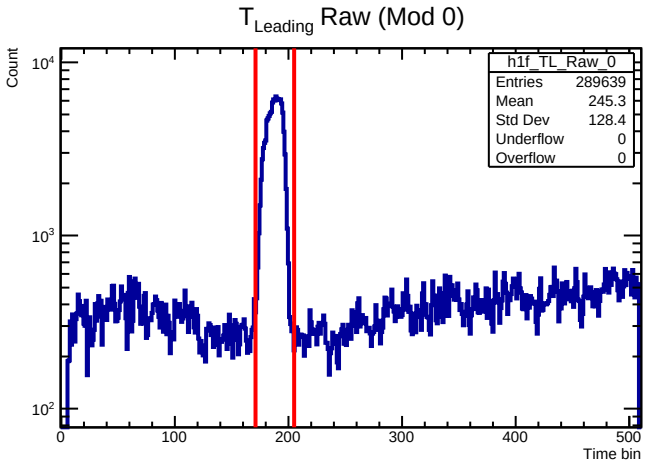
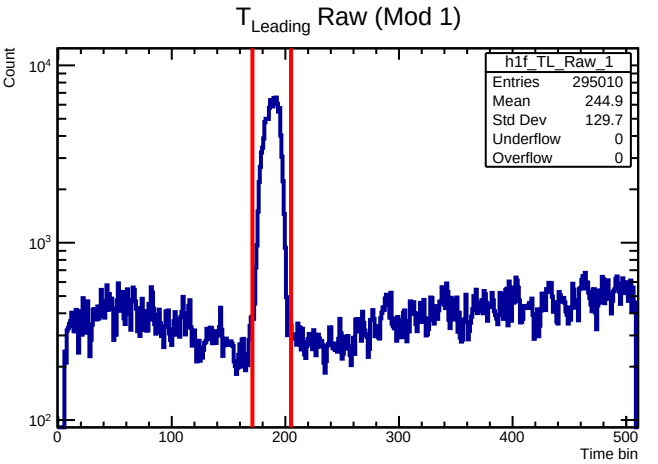
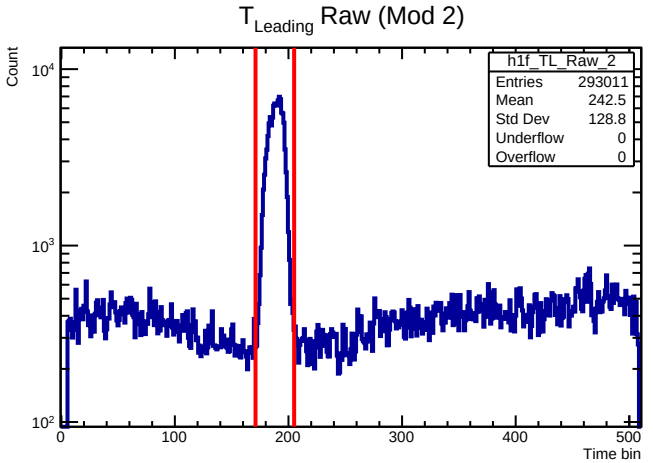
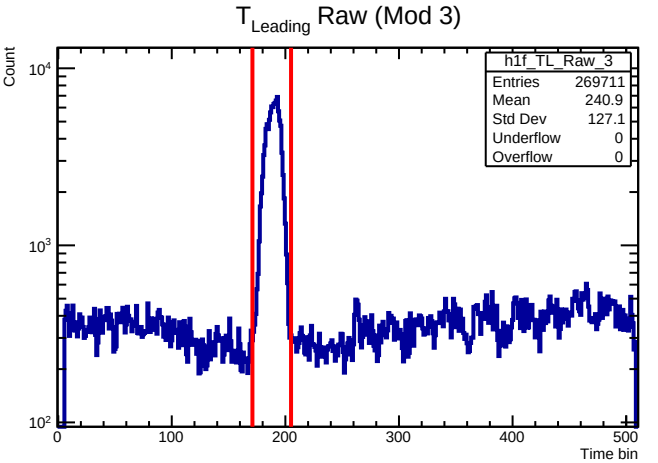
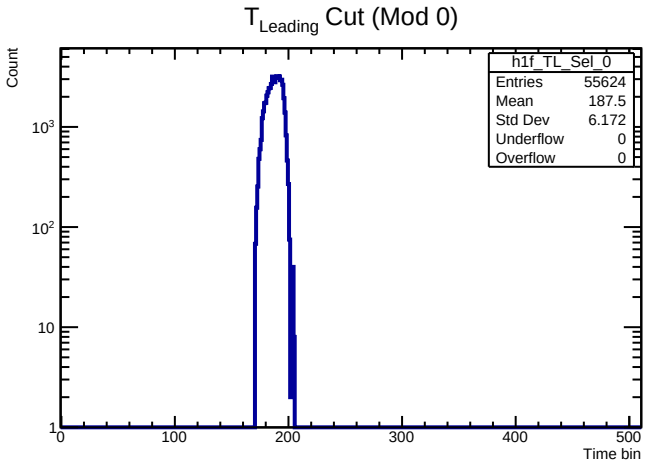
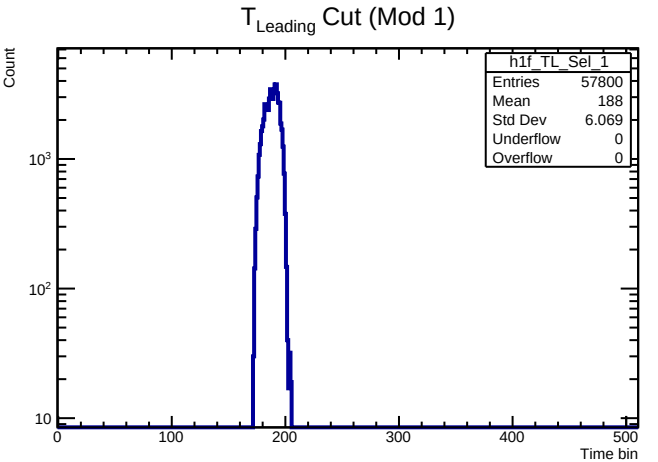

T Leading Raw (Mod 0)
h1f_TL_Raw_0
Entries 289639
Mean 245.3
Std Dev 128.4
Underflow 0
Overflow 0
Count
Time bin

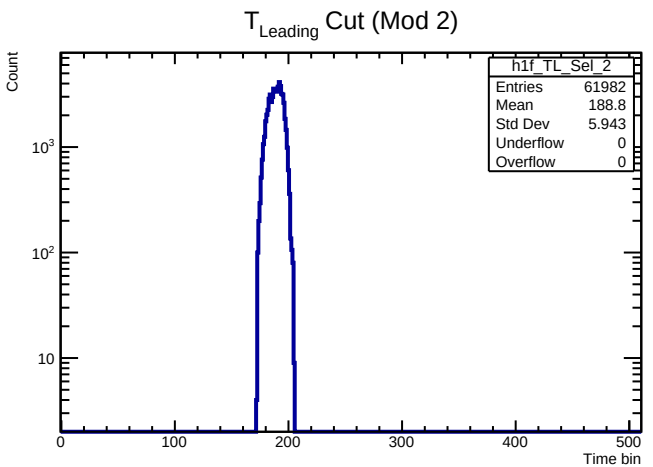

T Leading Raw (Mod 1)
h1f_TL_Raw_1
Entries 295010
Mean 244.9
Std Dev 129.7
Underflow 0
Overflow 0
Count
Time bin

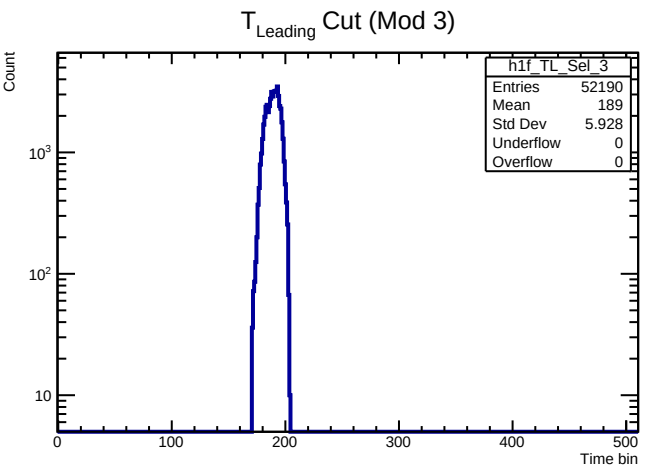

T Leading Raw (Mod 2)
h1f_TL_Raw_2
Entries 293011
Mean 242.5
Std Dev 128.8
Underflow 0
Overflow 0
Count
Time bin


T Leading Raw (Mod 3)
h1f_TL_Raw_3
Entries 269711
Mean 240.9
Std Dev 127.1
Underflow 0
Overflow 0
Count
Time bin

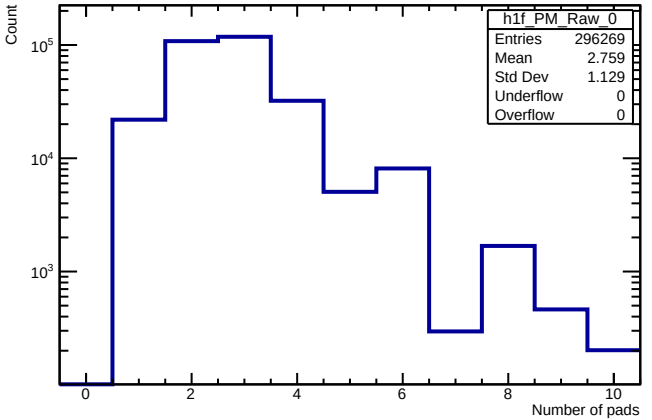

T Leading Cut (Mod 0)
h1f_TL_Sel_0
Entries 55624
Mean 187.5
Std Dev 6.172
Underflow 0
Overflow 0
Count
Time bin


T Leading Cut (Mod 1)
h1f_TL_Sel_1
Entries 57800
Mean 188
Std Dev 6.069
Underflow 0
Overflow 0
Count
Time bin

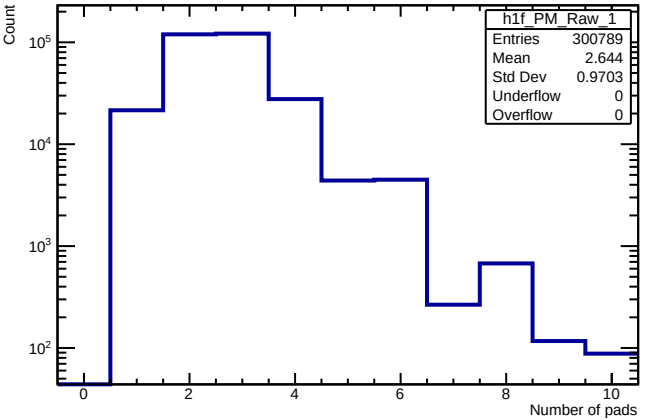

T Leading Cut (Mod 2)
h1f_TL_Sel_2
Entries 61982
Mean 188.8
Std Dev 5.943
Underflow 0
Overflow 0
Count
Time bin


T Leading Cut (Mod 3)
h1f_TL_Sel_3
Entries 52190
Mean 189
Std Dev 5.928
Underflow 0
Overflow 0
Count
Time bin

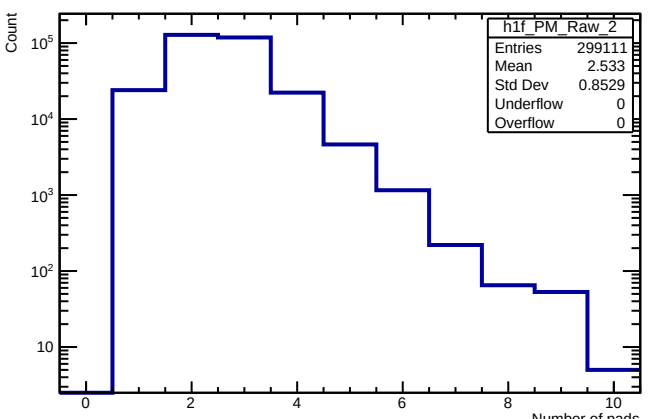
Pad Multiplicity Raw (Mod 0)



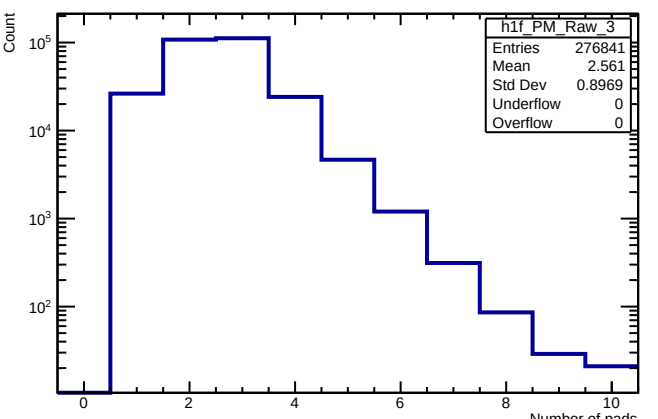
Pad Multiplicity Raw (Mod 1)

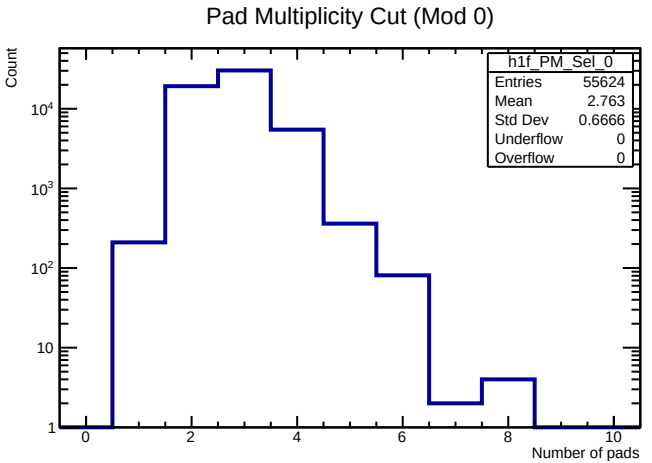


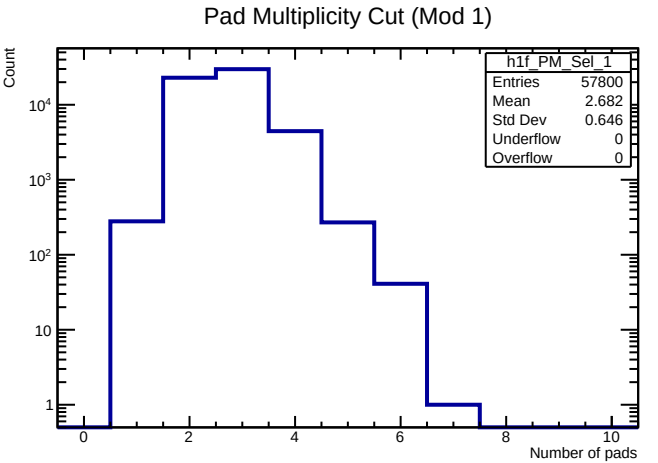
Pad Multiplicity Raw (Mod 2)

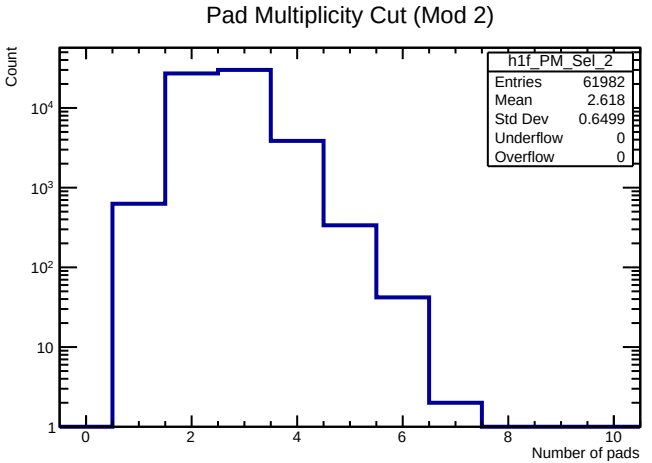


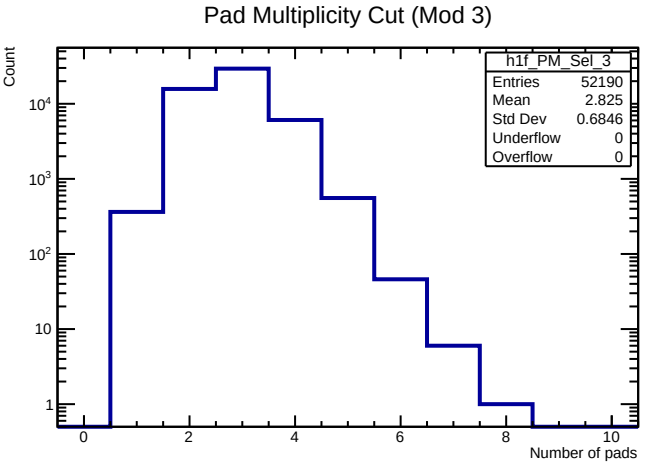
Pad Multiplicity Raw (Mod 3)

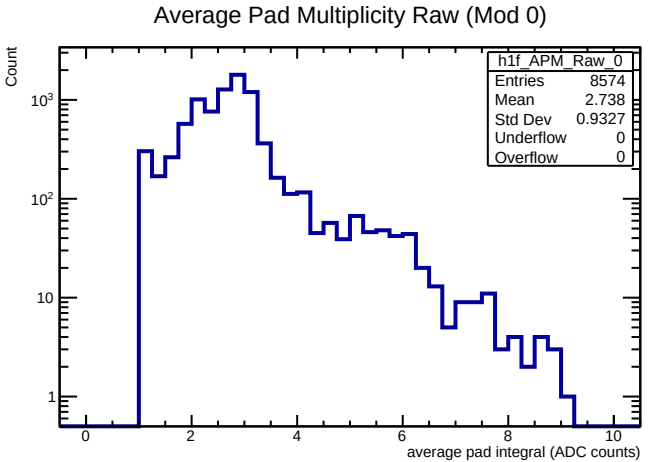


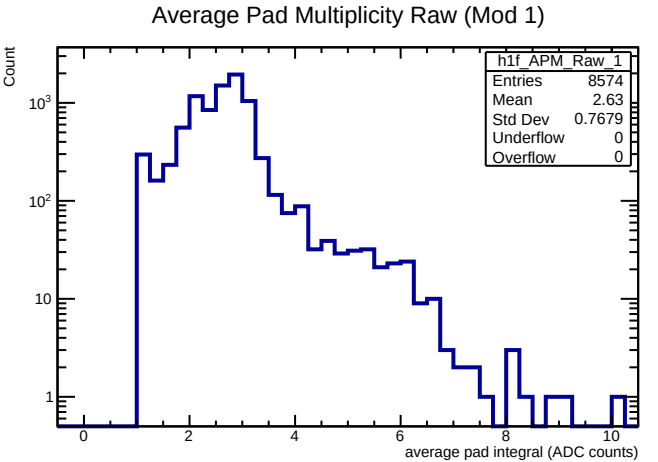

Pad Multiplicity Cut (Mod 0)
Count
Number of pads
h1f_PM_Sel_0
Entries 55624
Mean 2.763
Std Dev 0.6666
Underflow 0
Overflow 0

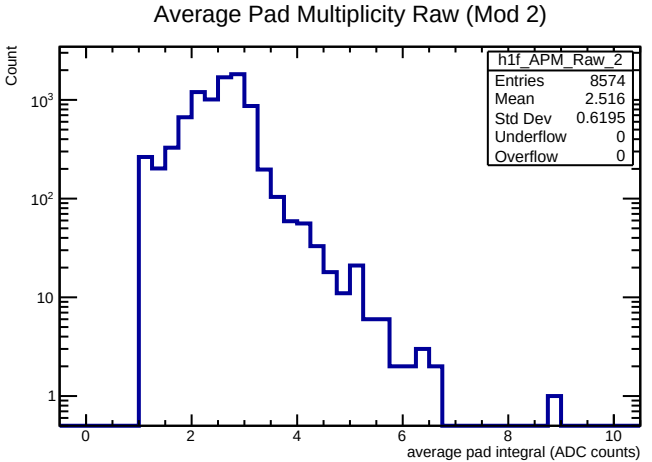

Pad Multiplicity Cut (Mod 1)
Count
Number of pads
h1f_PM_Sel_1
Entries 57800
Mean 2.682
Std Dev 0.646
Underflow 0
Overflow 0

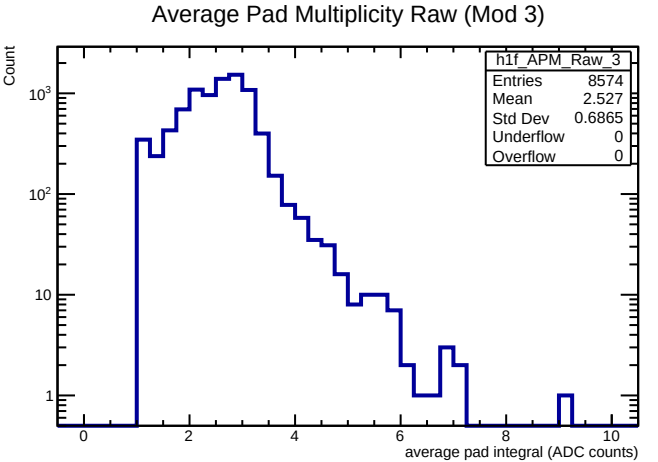

Pad Multiplicity Cut (Mod 2)
Count
Number of pads
h1f_PM_Sel_2
Entries 61982
Mean 2.618
Std Dev 0.6499
Underflow 0
Overflow 0


Pad Multiplicity Cut (Mod 3)
Count
Number of pads
h1f_PM_Sel_3
Entries 52190
Mean 2.825
Std Dev 0.6846
Underflow 0
Overflow 0

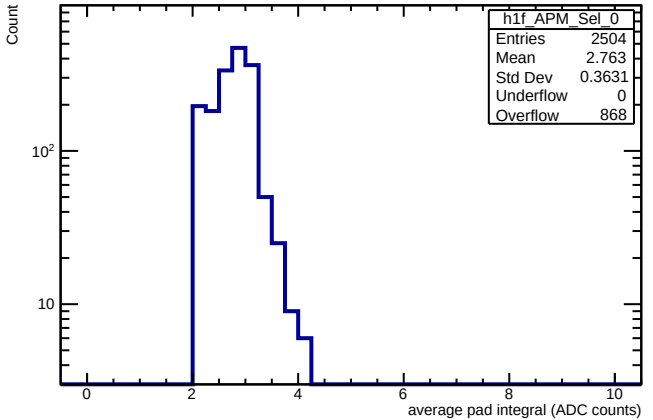

Average Pad Multiplicity Raw (Mod 0)
h1f_APM_Raw_0
Entries 8574
Mean 2.738
Std Dev 0.9327
Underflow 0
Overflow 0
Count
average pad integral (ADC counts)


Average Pad Multiplicity Raw (Mod 1)
h1f_APM_Raw_1
Entries 8574
Mean 2.63
Std Dev 0.7679
Underflow 0
Overflow 0
Count
average pad integral (ADC counts)

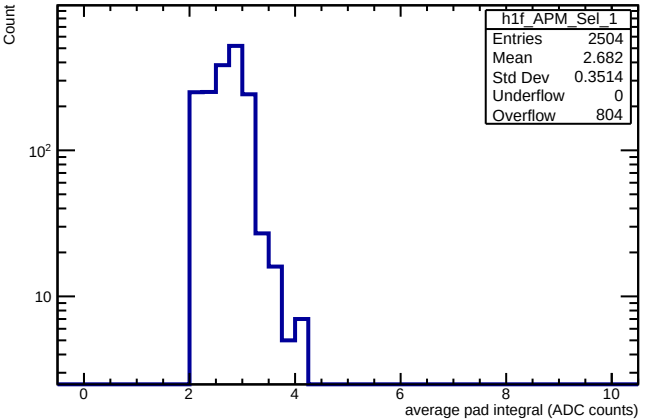

Average Pad Multiplicity Raw (Mod 2)
h1f_APM_Raw_2
Entries 8574
Mean 2.516
Std Dev 0.6195
Underflow 0
Overflow 0
Count
average pad integral (ADC counts)


Average Pad Multiplicity Raw (Mod 3)
h1f_APM_Raw_3
Entries 8574
Mean 2.527
Std Dev 0.6865
Underflow 0
Overflow 0
Count
average pad integral (ADC counts)

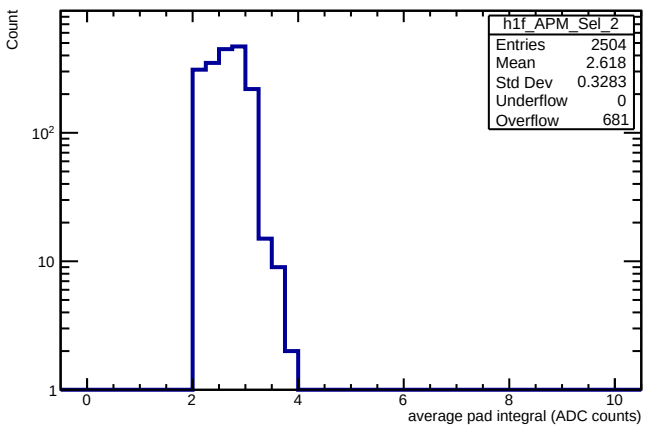
Average Pad Multiplicity Cut (Mod 0)



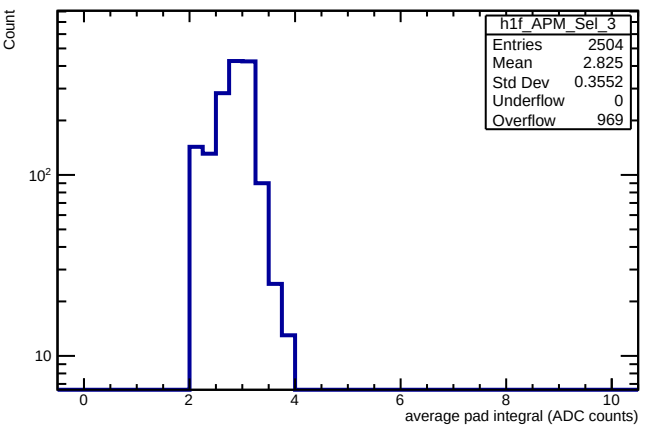
Average Pad Multiplicity Cut (Mod 1)



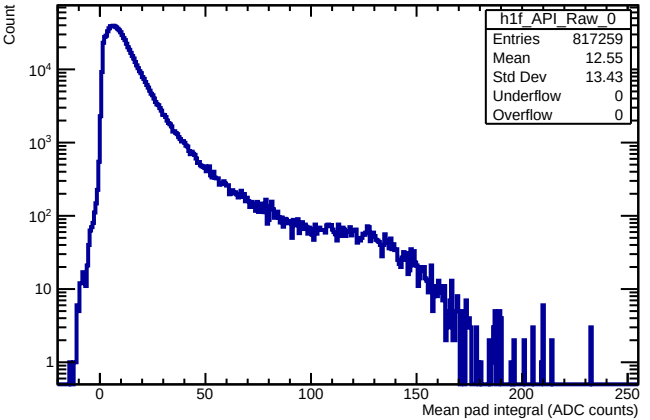
Average Pad Multiplicity Cut (Mod 2)



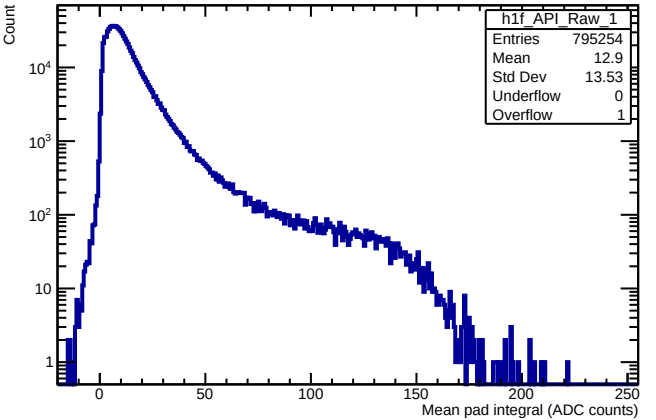
Average Pad Multiplicity Cut (Mod 3)



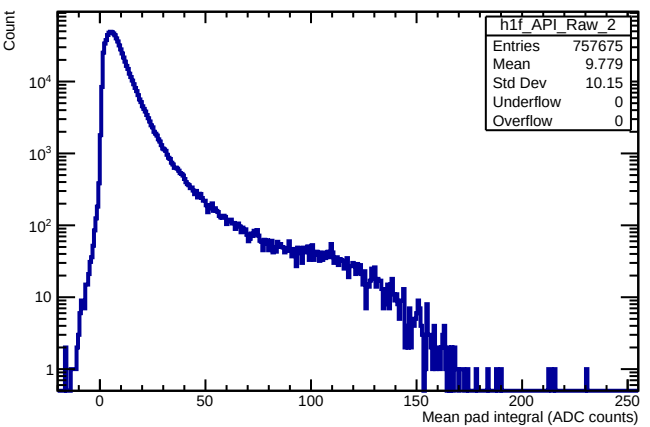
Average of the pad integral Raw (Mod 0)



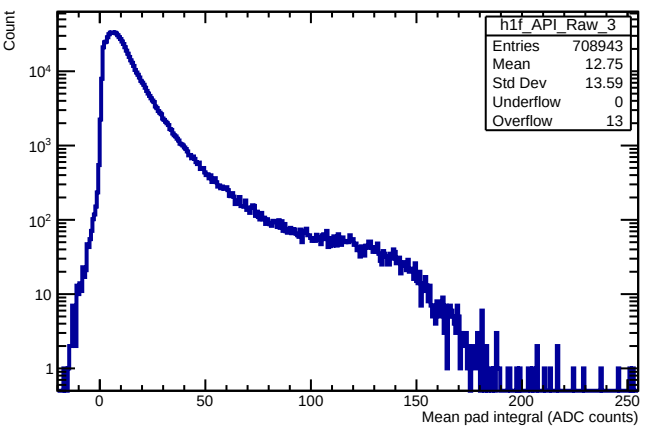
Average of the pad integral Raw (Mod 1)



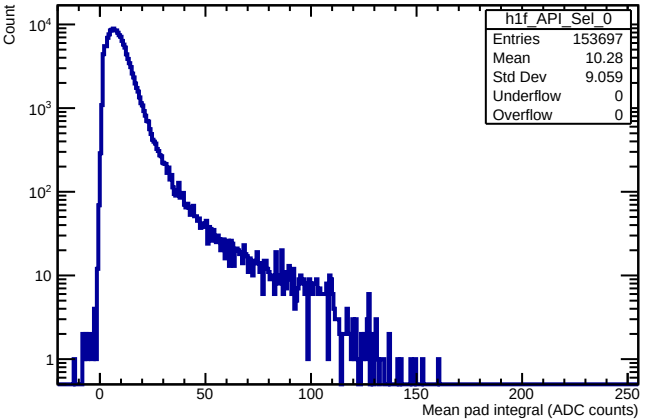
Average of the pad integral Raw (Mod 2)



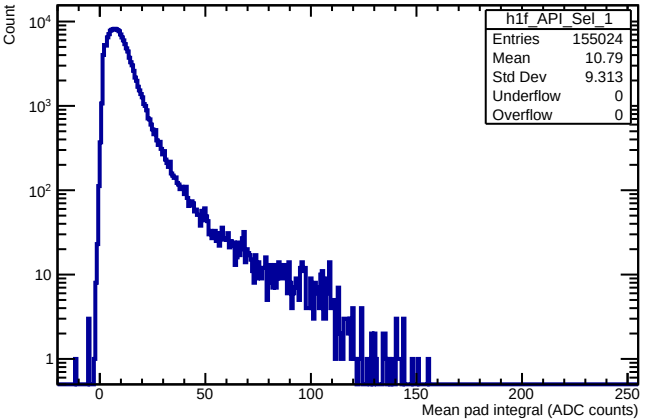
Average of the pad integral Raw (Mod 3)



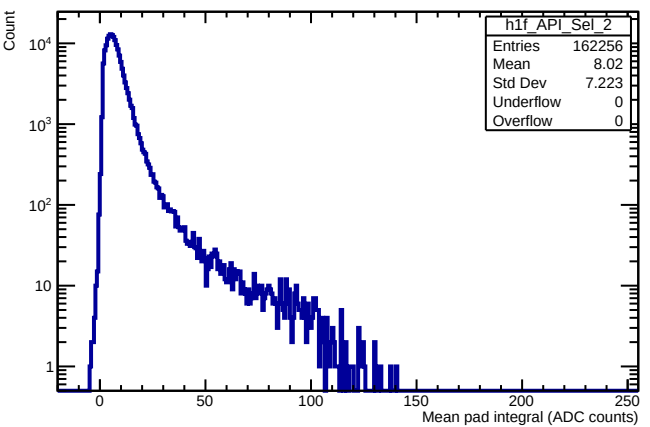
Average of the pad integral Cut (Mod 0)



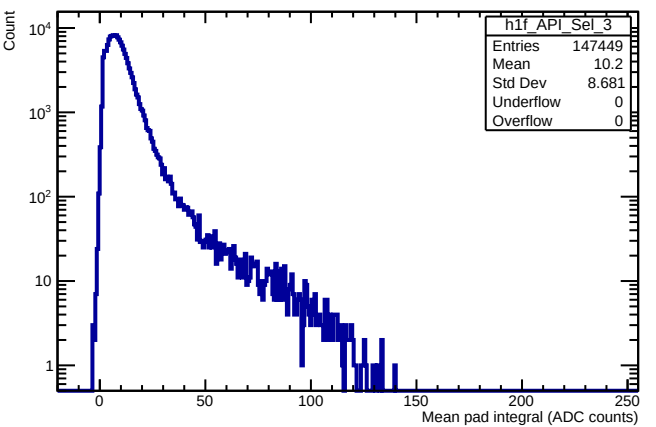
Average of the pad integral Cut (Mod 1)

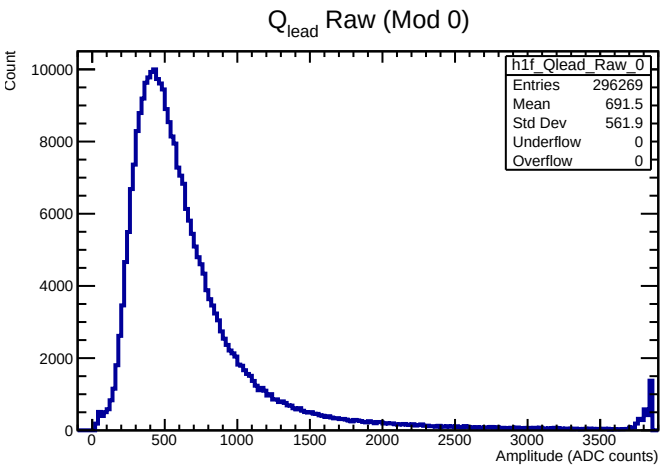


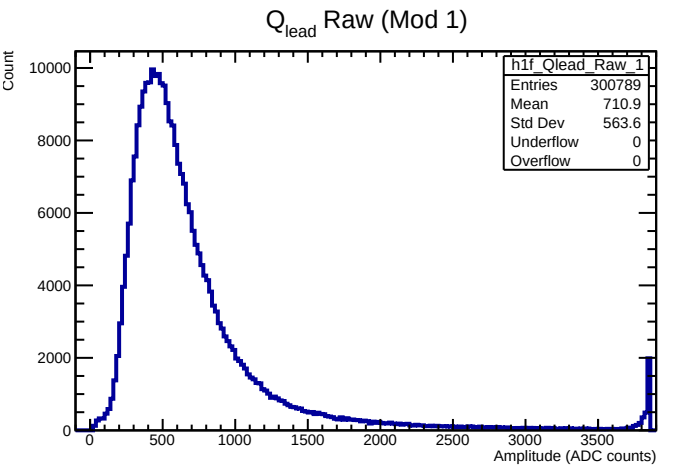
Average of the pad integral Cut (Mod 2)

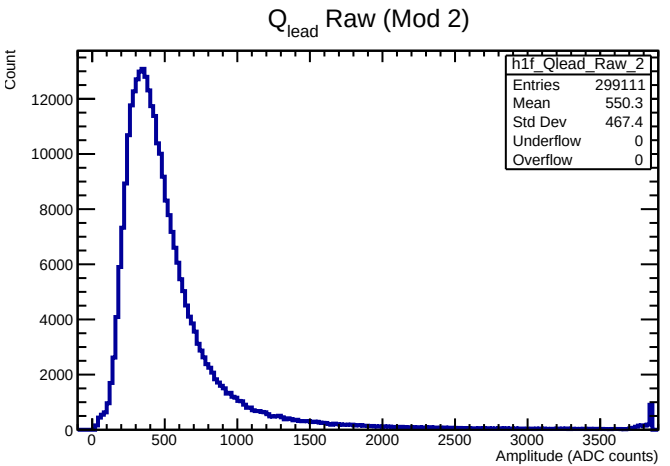


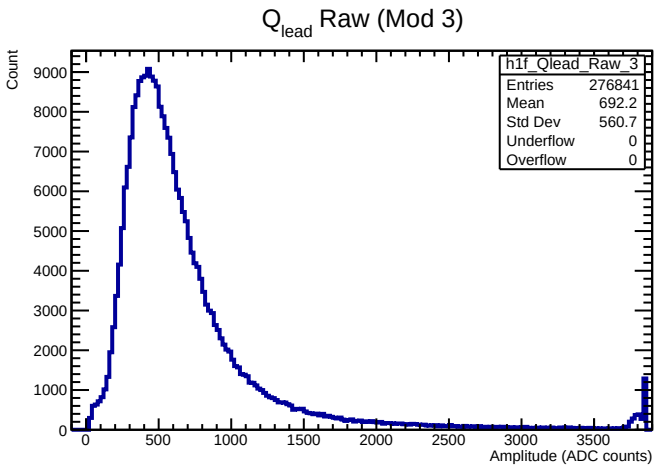
Average of the pad integral Cut (Mod 3)

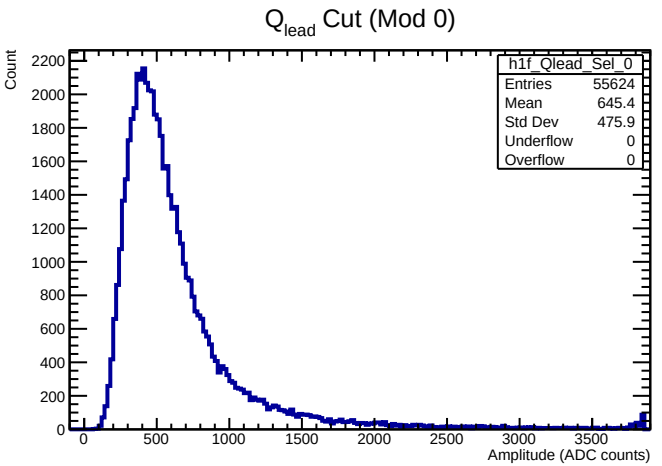


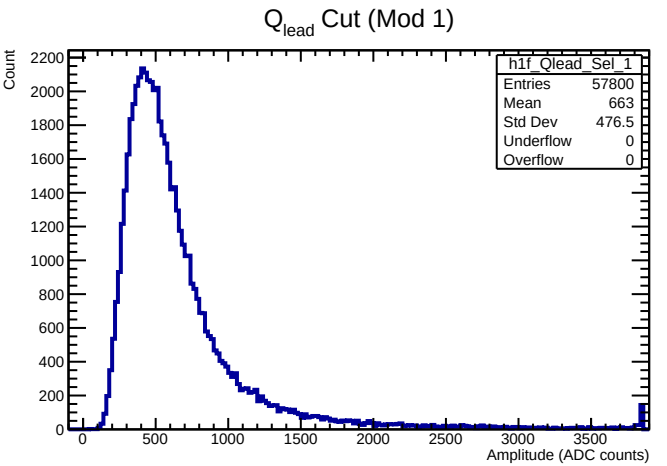

Q_{lead} Raw (Mod 0)
Count
Amplitude (ADC counts)
h1f_Qlead_Raw_0
Entries 296269
Mean 691.5
Std Dev 561.9
Underflow 0
Overflow 0

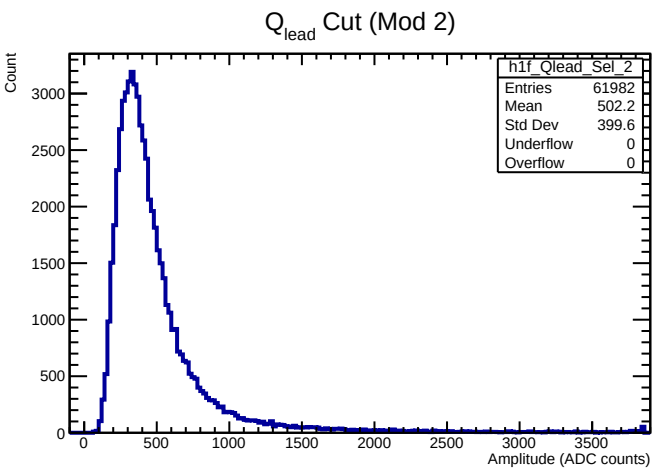

Q_{lead} Raw (Mod 1)
Count
Amplitude (ADC counts)
h1f_Qlead_Raw_1
Entries 300789
Mean 710.9
Std Dev 563.6
Underflow 0
Overflow 0

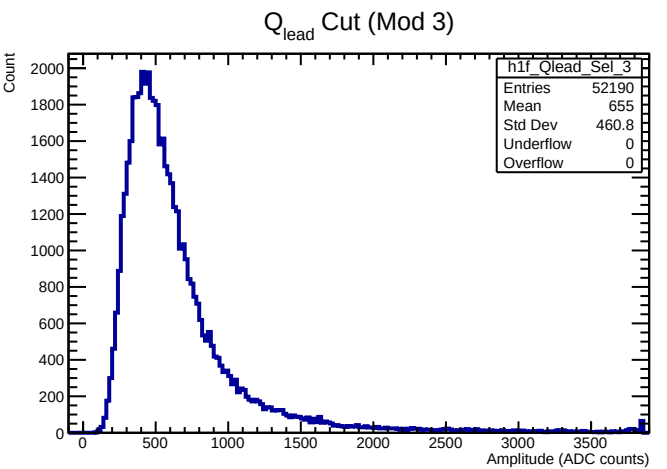

Q_{lead} Raw (Mod 2)
Count
Amplitude (ADC counts)
h1f_Qlead_Raw_2
Entries 299111
Mean 550.3
Std Dev 467.4
Underflow 0
Overflow 0

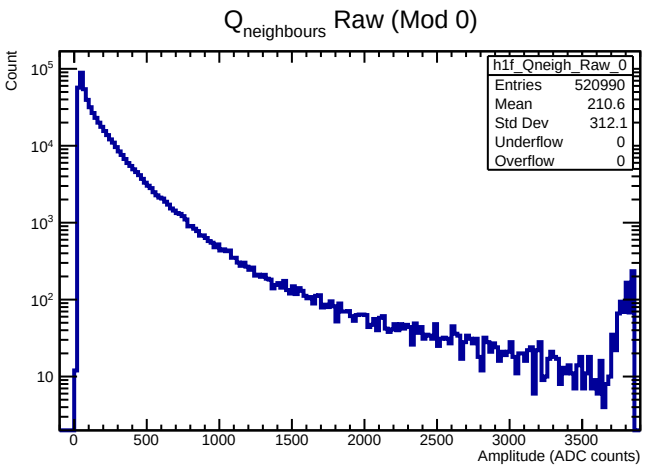

Q_{lead} Raw (Mod 3)
Count
Amplitude (ADC counts)
h1f_Qlead_Raw_3
Entries 276841
Mean 692.2
Std Dev 560.7
Underflow 0
Overflow 0

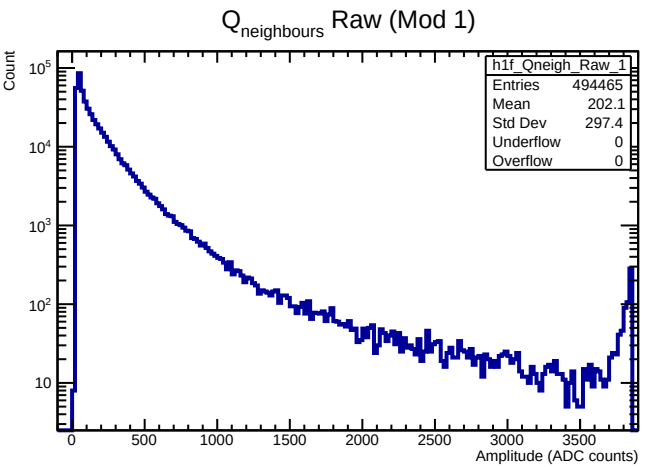

Q_{lead} Cut (Mod 0)
Count
Amplitude (ADC counts)
h1f_Qlead_Sel_0
Entries 55624
Mean 645.4
Std Dev 475.9
Underflow 0
Overflow 0

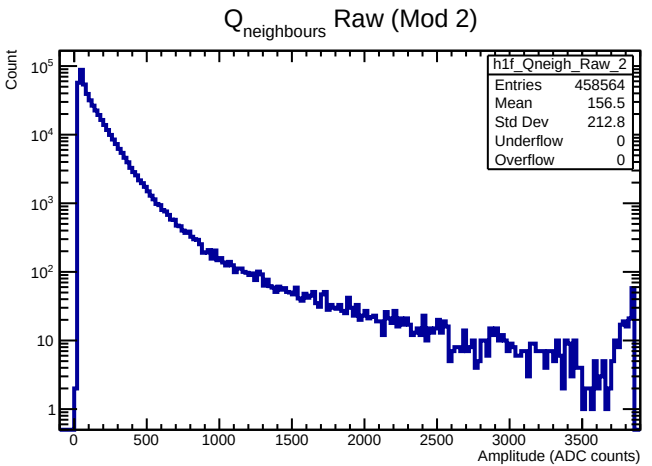

Q_{lead} Cut (Mod 1)
Count
Amplitude (ADC counts)
h1f_Qlead_Sel_1
Entries 57800
Mean 663
Std Dev 476.5
Underflow 0
Overflow 0

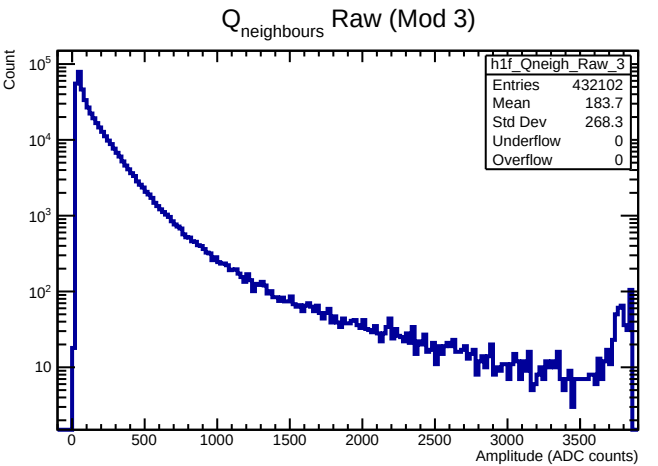

Q_{lead} Cut (Mod 2)
Count
Amplitude (ADC counts)
h1f_Qlead_Sel_2
Entries 61982
Mean 502.2
Std Dev 399.6
Underflow 0
Overflow 0

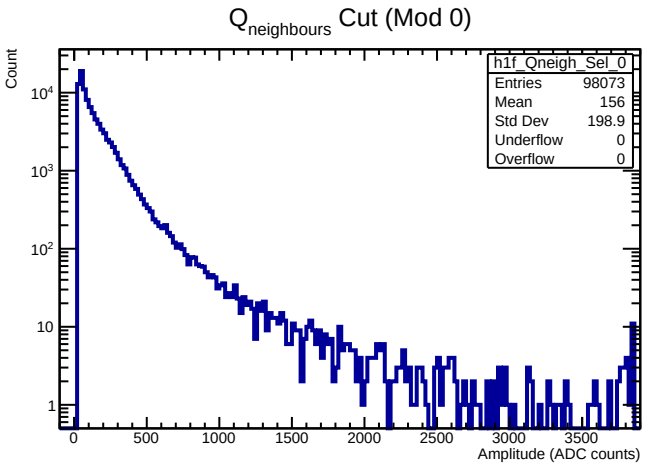

Q_{lead} Cut (Mod 3)
Count
Amplitude (ADC counts)
h1f_Qlead_Sel_3
Entries 52190
Mean 655
Std Dev 460.8
Underflow 0
Overflow 0

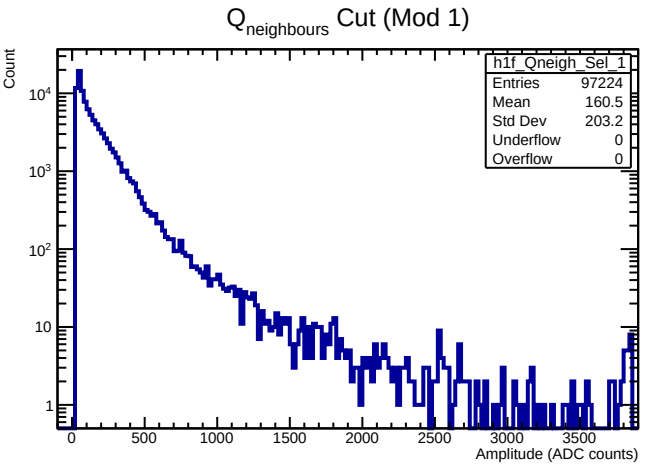

$Q_{neighbours}$ Raw (Mod 0)
h1f_Qneigh_Raw_0
Entries 520990
Mean 210.6
Std Dev 312.1
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

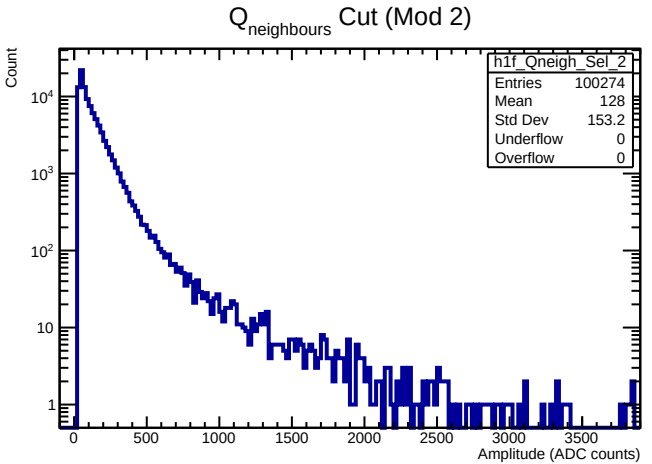

$Q_{neighbours}$ Raw (Mod 1)
h1f_Qneigh_Raw_1
Entries 494465
Mean 202.1
Std Dev 297.4
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

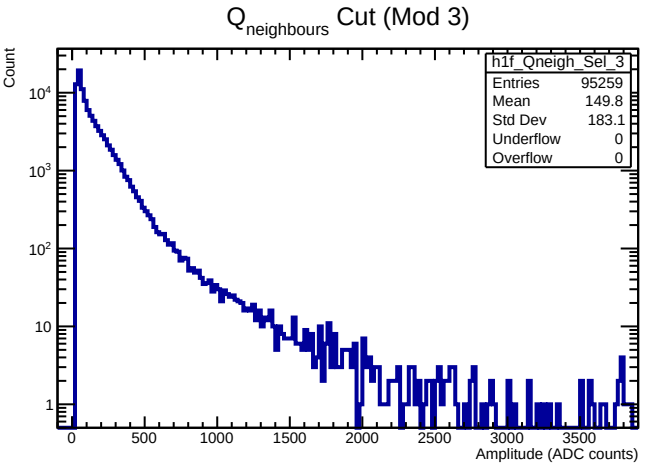

$Q_{neighbours}$ Raw (Mod 2)
h1f_Qneigh_Raw_2
Entries 458564
Mean 156.5
Std Dev 212.8
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

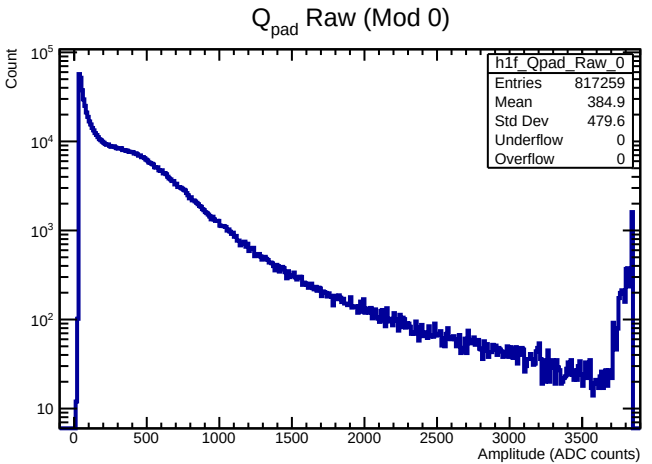

$Q_{neighbours}$ Raw (Mod 3)
h1f_Qneigh_Raw_3
Entries 432102
Mean 183.7
Std Dev 268.3
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

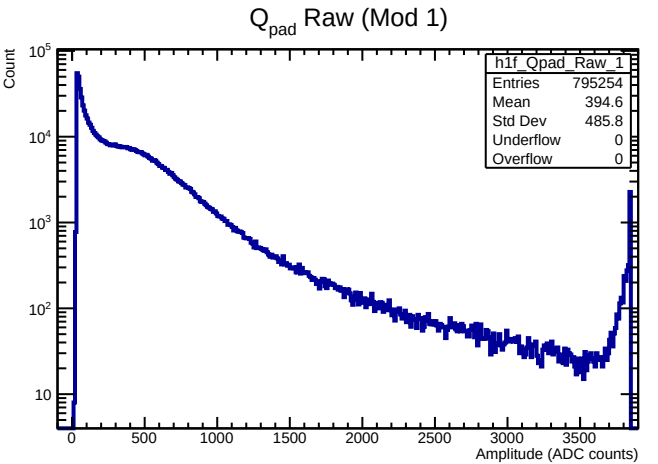

$Q_{neighbours}$ Cut (Mod 0)
h1f_Qneigh_Sel_0
Entries 98073
Mean 156
Std Dev 198.9
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

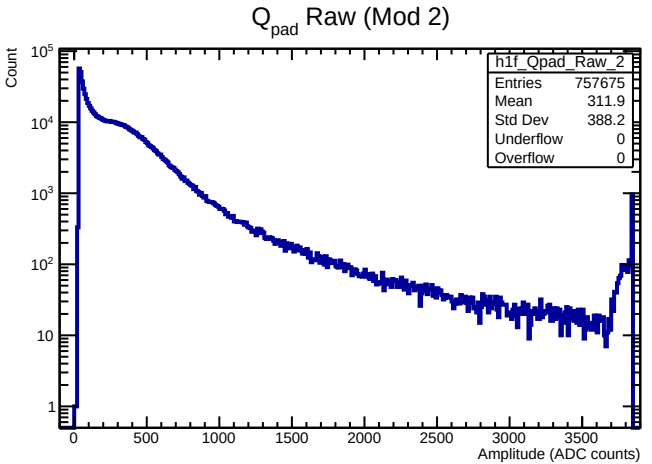

$Q_{neighbours}$ Cut (Mod 1)
h1f_Qneigh_Sel_1
Entries 97224
Mean 160.5
Std Dev 203.2
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

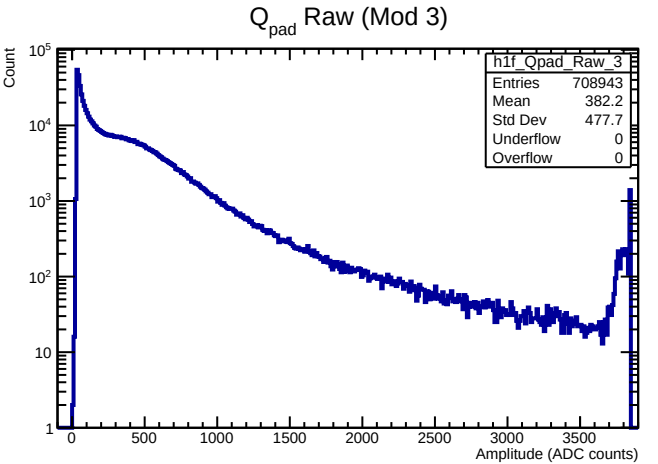

$Q_{neighbours}$ Cut (Mod 2)
h1f_Qneigh_Sel_2
Entries 100274
Mean 128
Std Dev 153.2
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

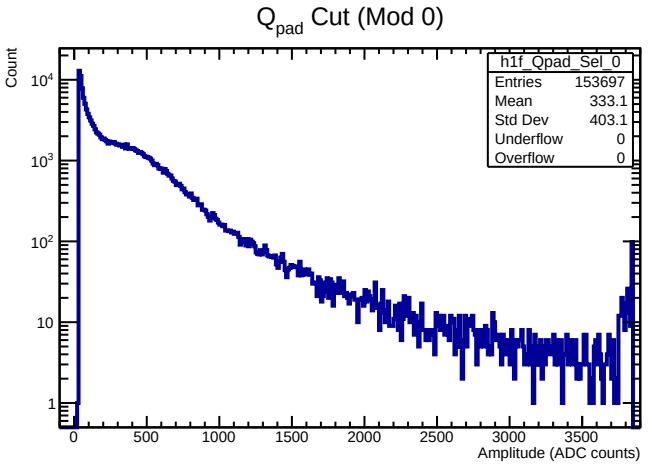

$Q_{neighbours}$ Cut (Mod 3)
h1f_Qneigh_Sel_3
Entries 95259
Mean 149.8
Std Dev 183.1
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

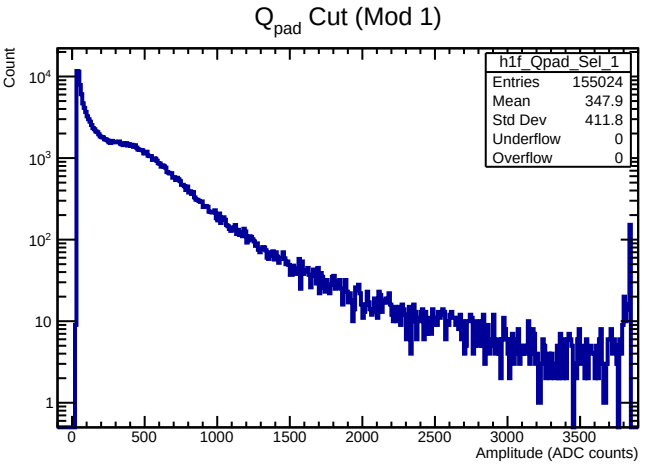

Q_pad Raw (Mod 0)
h1f_Qpad_Raw_0
Entries 817259
Mean 384.9
Std Dev 479.6
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

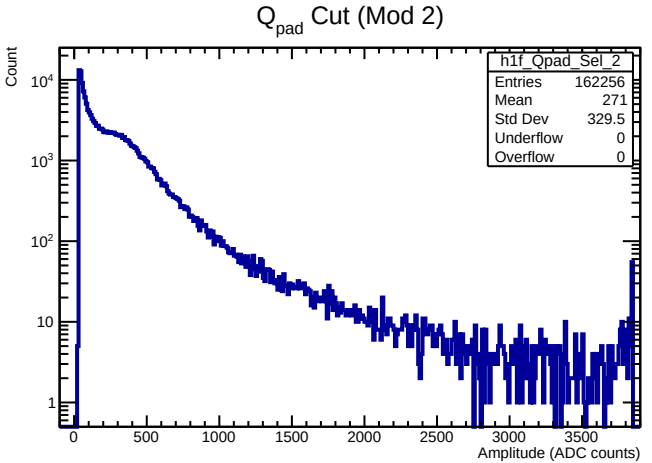

Q_pad Raw (Mod 1)
h1f_Qpad_Raw_1
Entries 795254
Mean 394.6
Std Dev 485.8
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

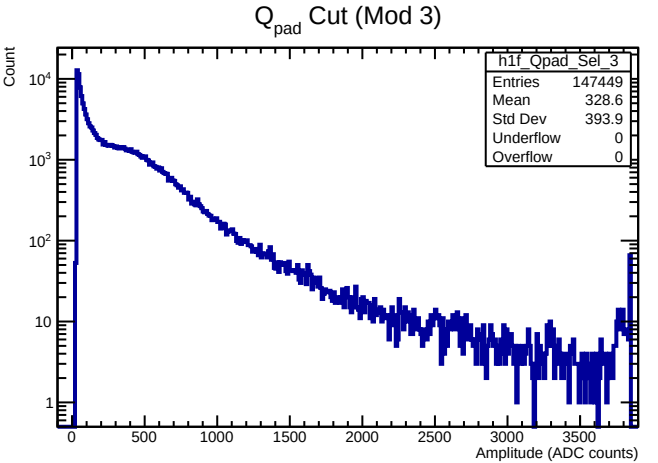

Q_pad Raw (Mod 2)
h1f_Qpad_Raw_2
Entries 757675
Mean 311.9
Std Dev 388.2
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)


Q_pad Raw (Mod 3)
h1f_Qpad_Raw_3
Entries 708943
Mean 382.2
Std Dev 477.7
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

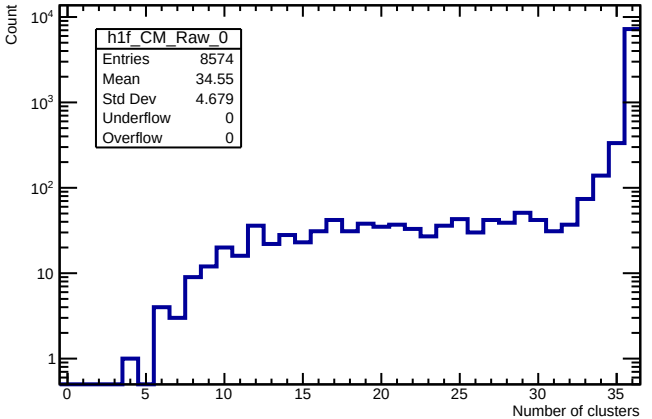

Q_{pad} Cut (Mod 0)
h1f_Qpad_Sel_0
Entries 153697
Mean 333.1
Std Dev 403.1
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)


Q_{pad} Cut (Mod 1)
h1f_Qpad_Sel_1
Entries 155024
Mean 347.9
Std Dev 411.8
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

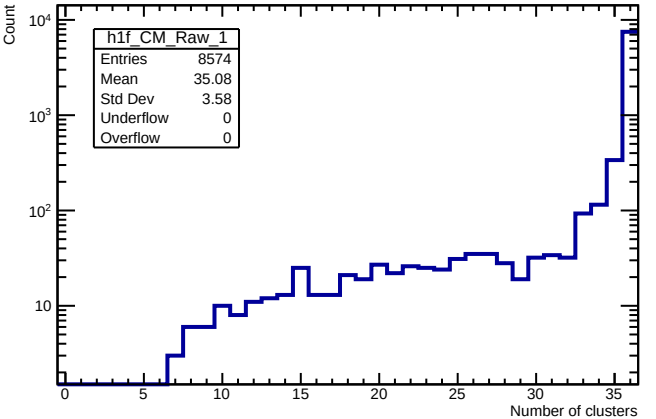

Q_{pad} Cut (Mod 2)
h1f_Qpad_Sel_2
Entries 162256
Mean 271
Std Dev 329.5
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)


Q_{pad} Cut (Mod 3)
h1f_Qpad_Sel_3
Entries 147449
Mean 328.6
Std Dev 393.9
Underflow 0
Overflow 0
Count
Amplitude (ADC counts)

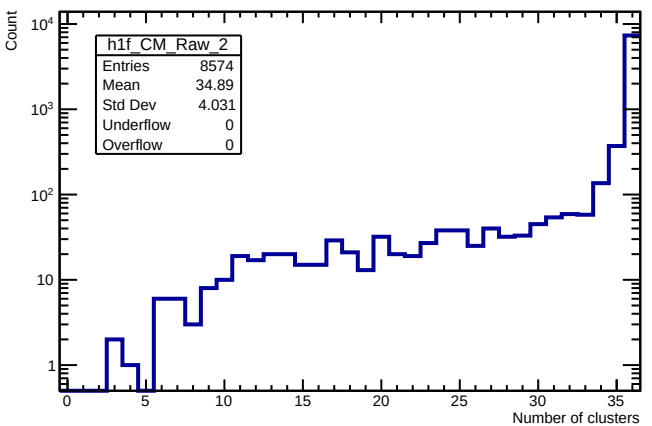
Number of clusters per module Raw (Mod 0)



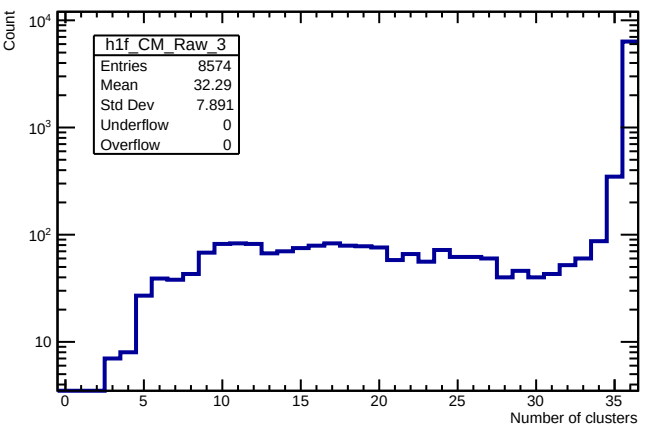
Number of clusters per module Raw (Mod 1)



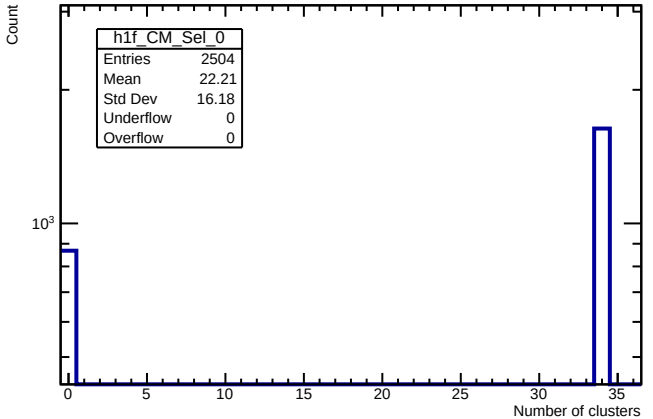
Number of clusters per module Raw (Mod 2)



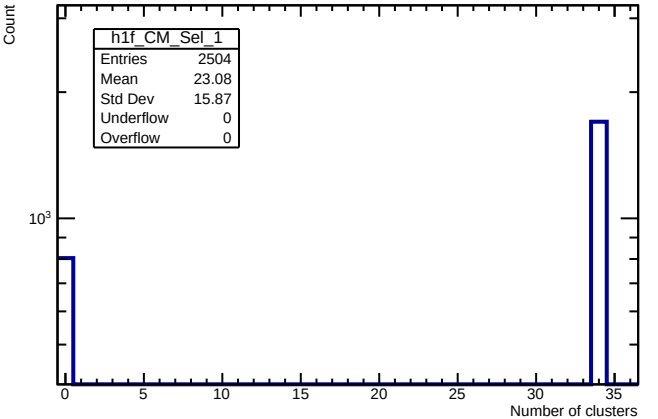
Number of clusters per module Raw (Mod 3)



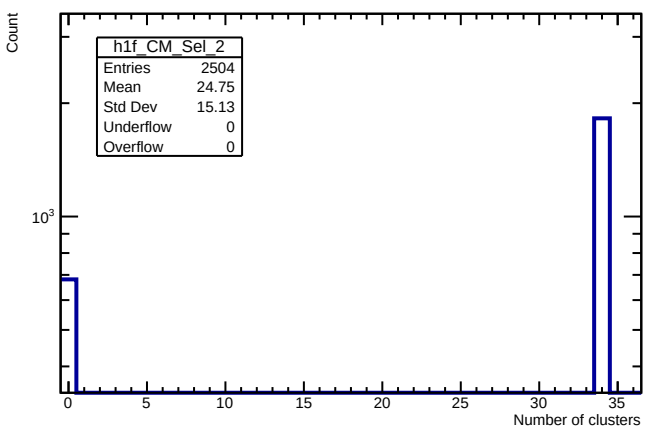
Number of clusters per module Cut (Mod 0)



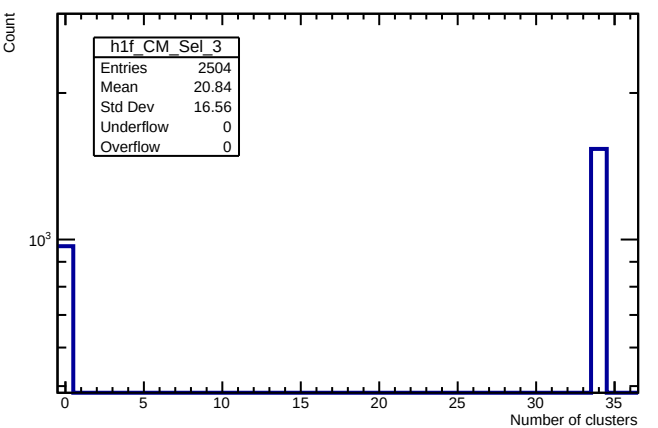
Number of clusters per module Cut (Mod 1)

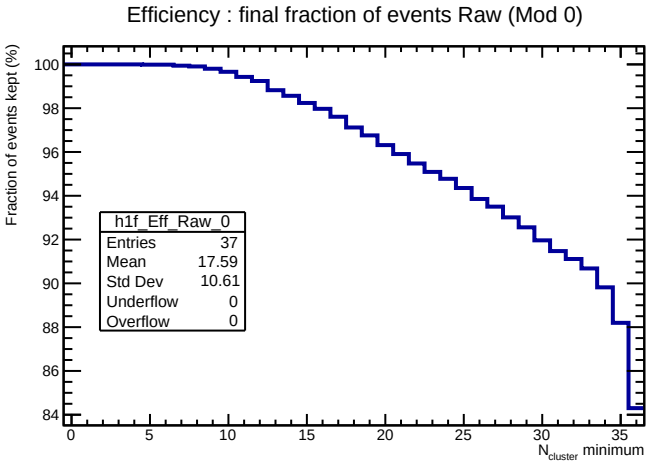


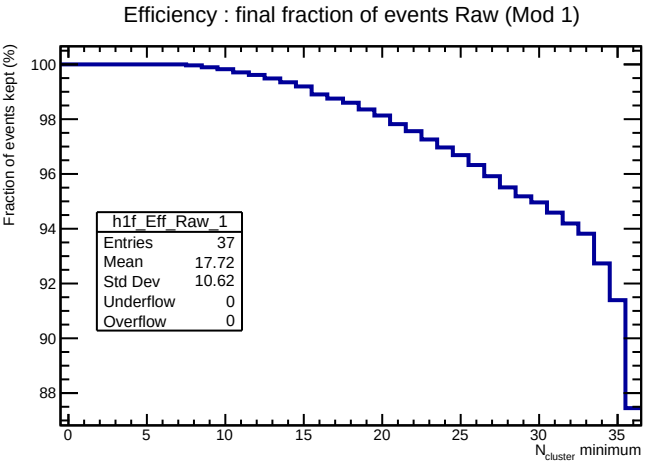
Number of clusters per module Cut (Mod 2)

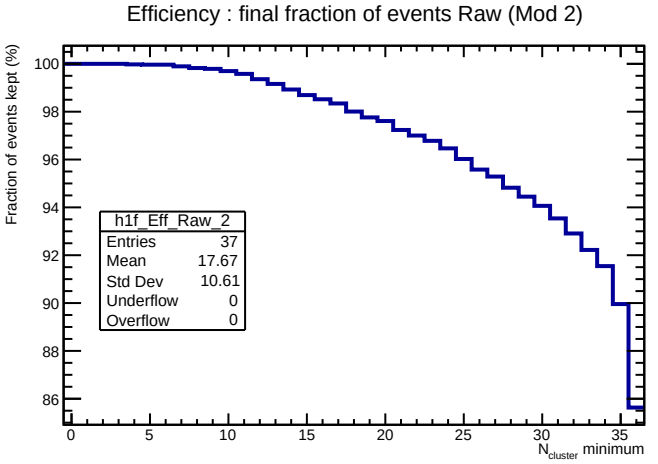


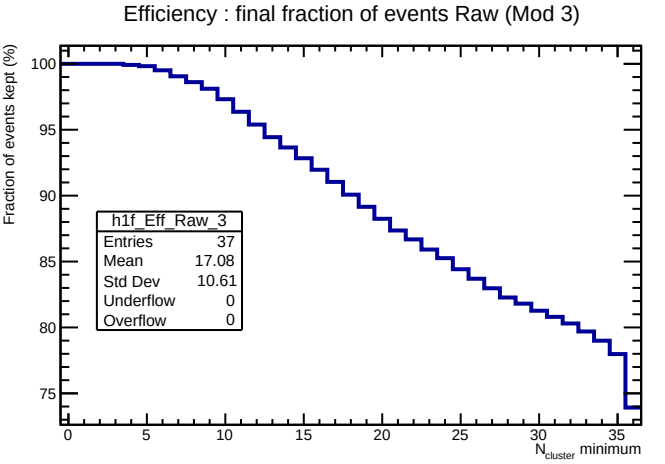
Number of clusters per module Cut (Mod 3)

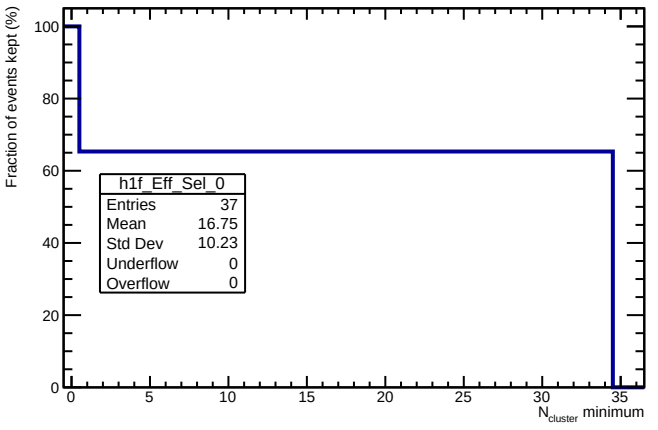


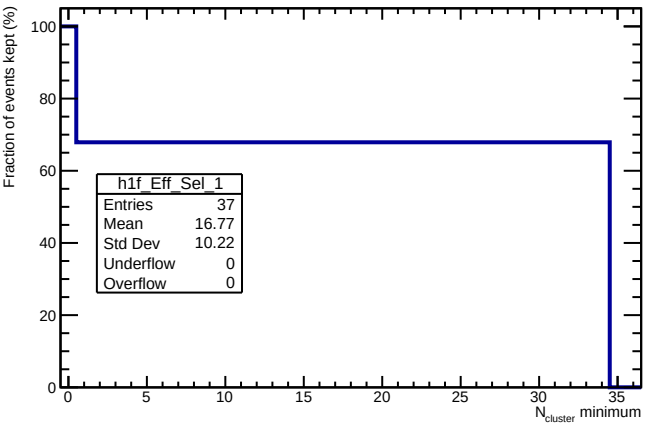

Efficiency : final fraction of events Raw (Mod 0)
Fraction of events kept (%)
h1f_Eff_Raw_0
Entries 37
Mean 17.59
Std Dev 10.61
Underflow 0
Overflow 0
N cluster minimum

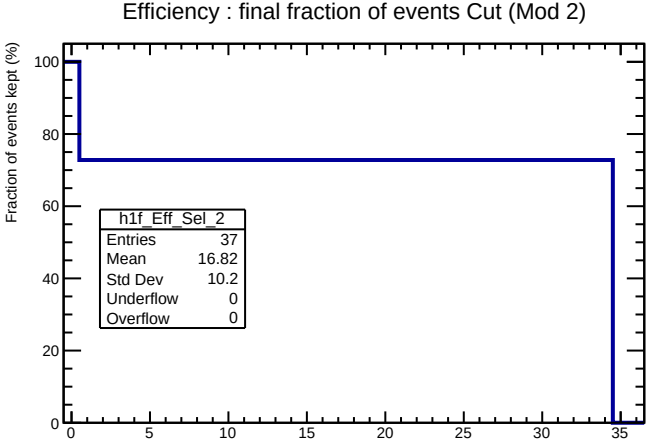

Efficiency : final fraction of events Raw (Mod 1)
Fraction of events kept (%)
h1f_Eff_Raw_1
Entries 37
Mean 17.72
Std Dev 10.62
Underflow 0
Overflow 0
N cluster minimum

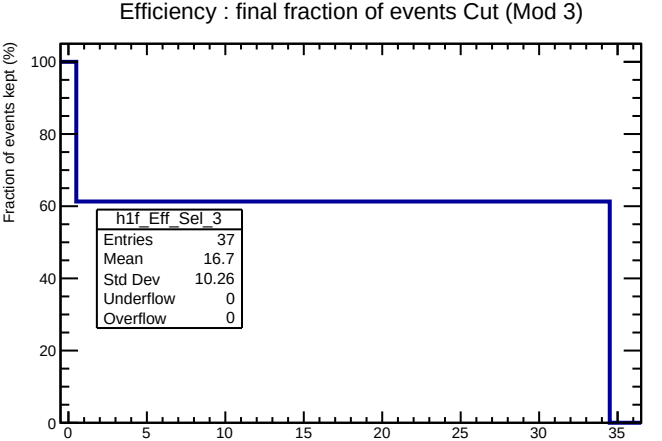

Efficiency : final fraction of events Raw (Mod 2)
Fraction of events kept (%)
h1f_Eff_Raw_2
Entries 37
Mean 17.67
Std Dev 10.61
Underflow 0
Overflow 0
N cluster minimum


Efficiency : final fraction of events Raw (Mod 3)
Fraction of events kept (%)
h1f_Eff_Raw_3
Entries 37
Mean 17.08
Std Dev 10.61
Underflow 0
Overflow 0
N cluster minimum

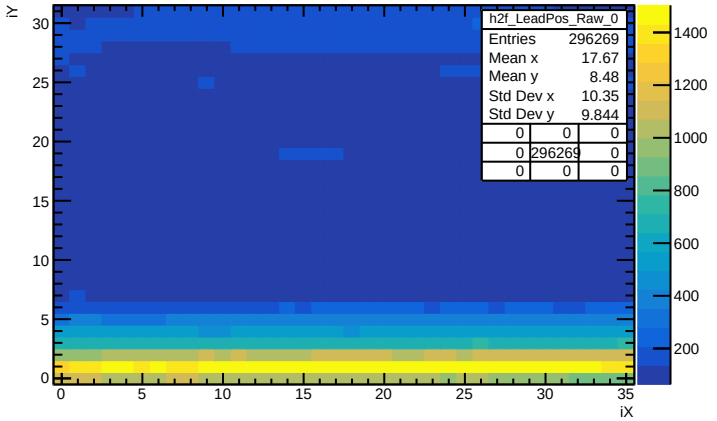

Efficiency : final fraction of events Cut (Mod 0)
Fraction of events kept (%)
h1f_Eff_Sel_0
Entries 37
Mean 16.75
Std Dev 10.23
Underflow 0
Overflow 0
N_cluster minimum


Efficiency : final fraction of events Cut (Mod 1)
Fraction of events kept (%)
h1f_Eff_Sel_1
Entries 37
Mean 16.77
Std Dev 10.22
Underflow 0
Overflow 0
N_cluster minimum

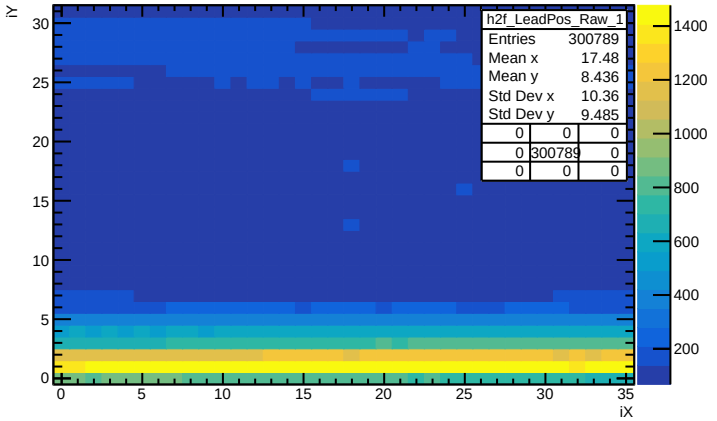

Efficiency : final fraction of events Cut (Mod 2)
Fraction of events kept (%)
h1f_Eff_Sel_2
Entries 37
Mean 16.82
Std Dev 10.2
Underflow 0
Overflow 0
N_cluster minimum


Efficiency : final fraction of events Cut (Mod 3)
Fraction of events kept (%)
h1f_Eff_Sel_3
Entries 37
Mean 16.7
Std Dev 10.26
Underflow 0
Overflow 0
N_cluster minimum

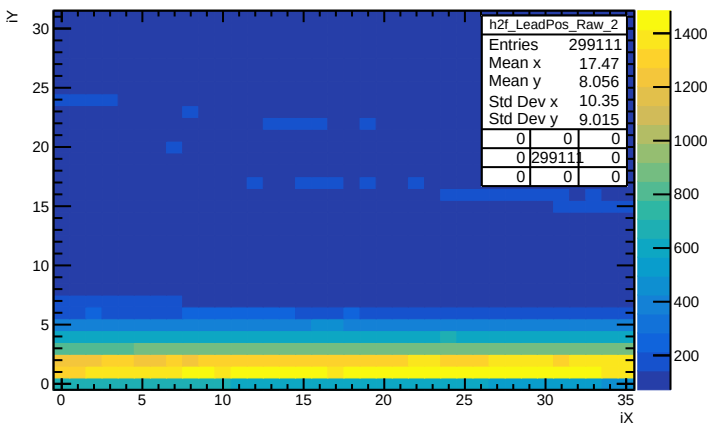
Position of leading pads in ERAM (Mod 0)



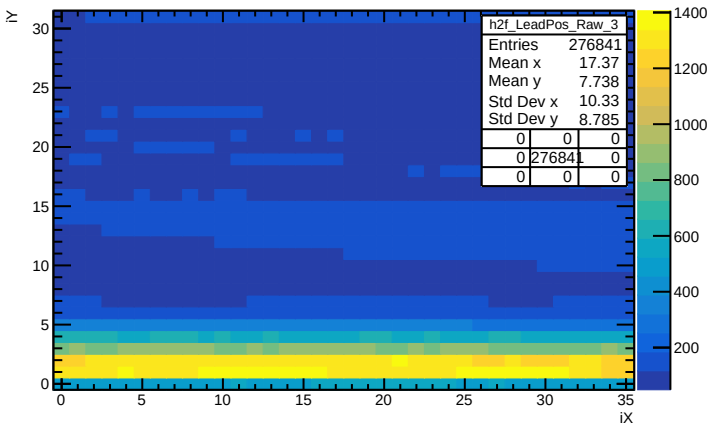
Position of leading pads in ERAM (Mod 1)



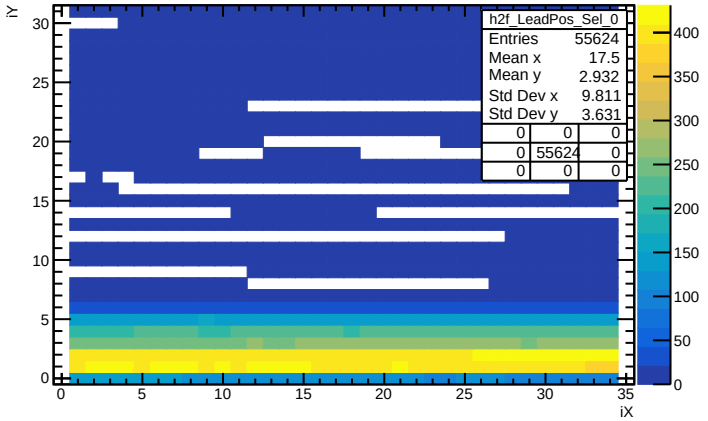
Position of leading pads in ERAM (Mod 2)



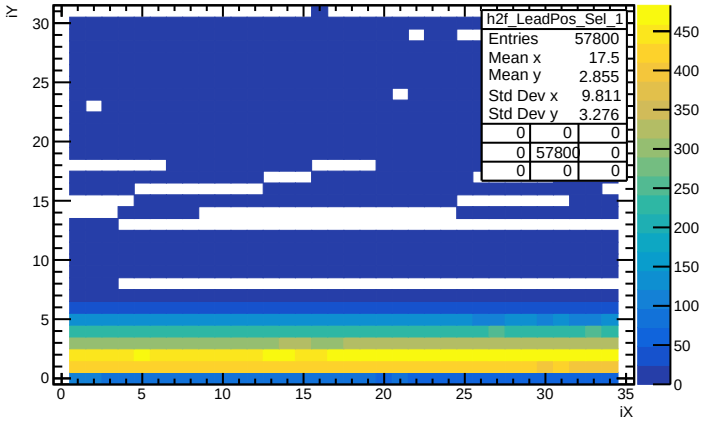
Position of leading pads in ERAM (Mod 3)



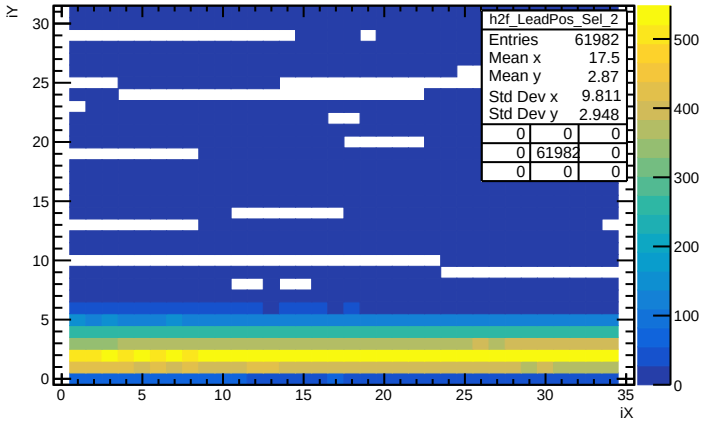
Position of leading pads in ERAM (Mod 0)



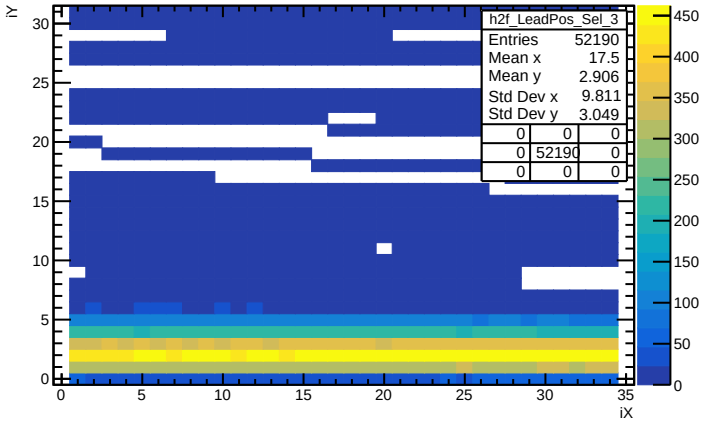
Position of leading pads in ERAM (Mod 1)



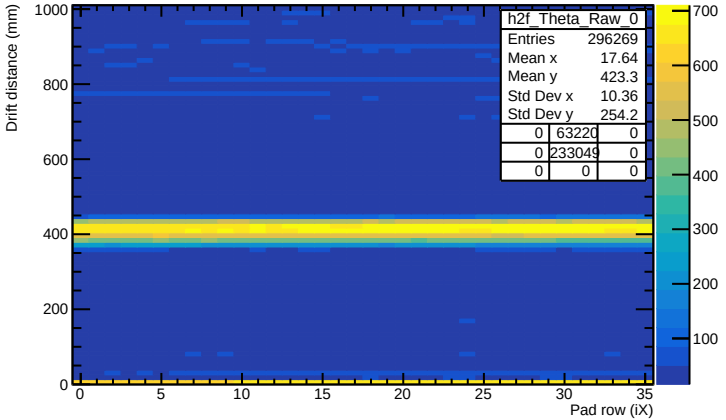
Position of leading pads in ERAM (Mod 2)



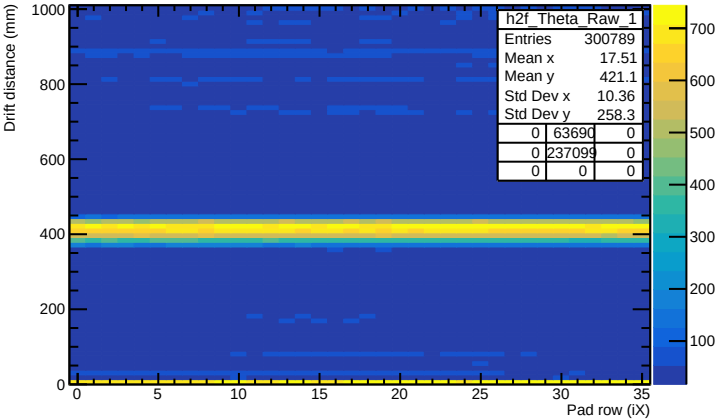
Position of leading pads in ERAM (Mod 3)



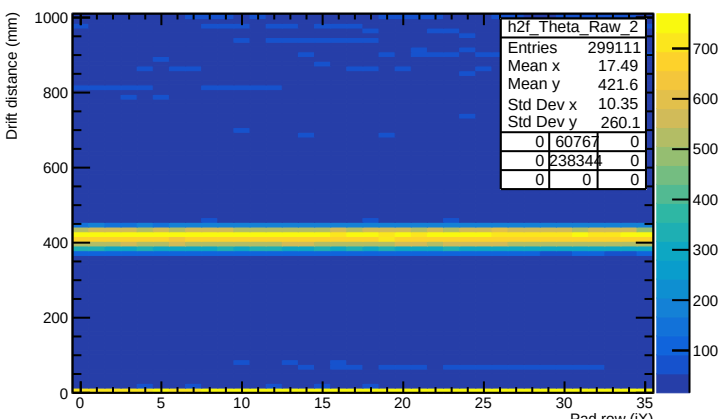
Track inclination along θ angle(Mod 0)



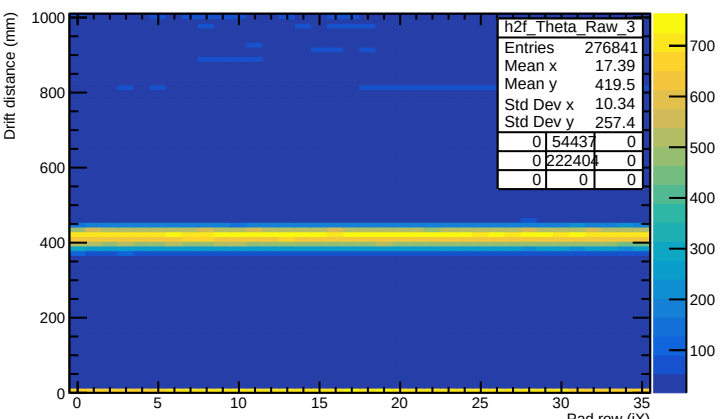
Track inclination along θ angle(Mod 1)



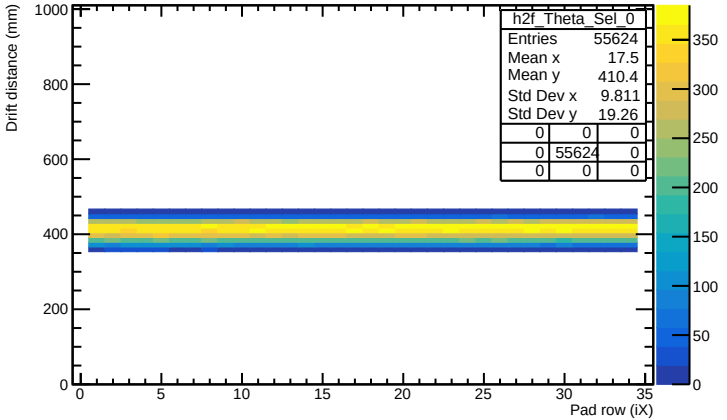
Track inclination along θ angle(Mod 2)



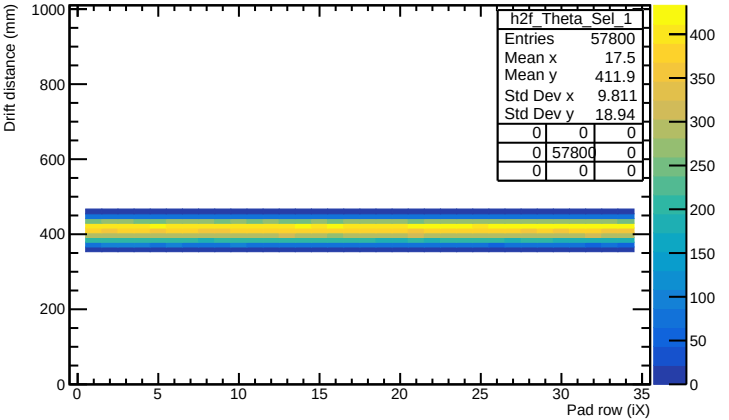
Track inclination along θ angle(Mod 3)



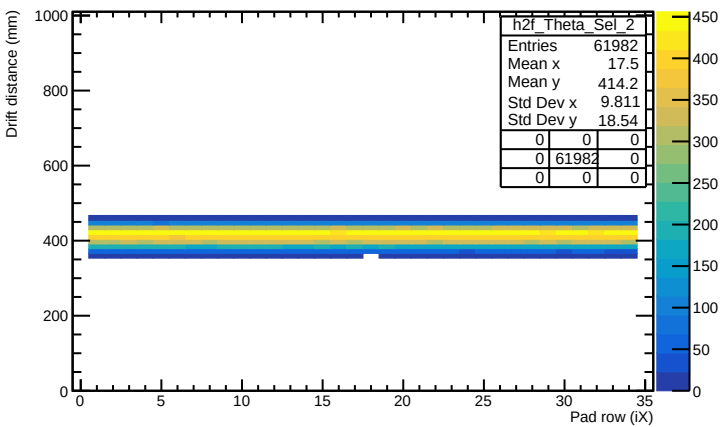
Track inclination along θ angle(Mod 0)



Track inclination along θ angle(Mod 1)



Track inclination along θ angle(Mod 2)



Track inclination along θ angle(Mod 3)