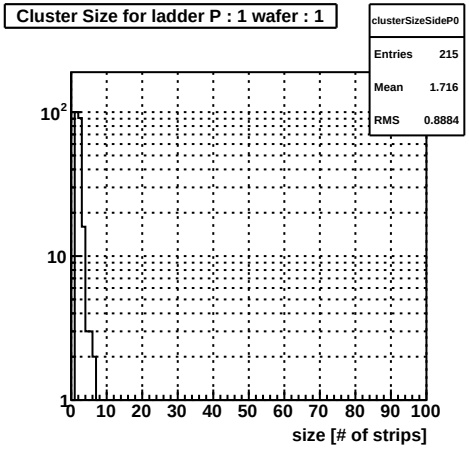
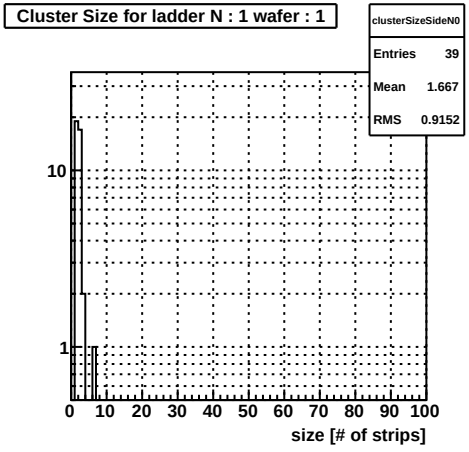
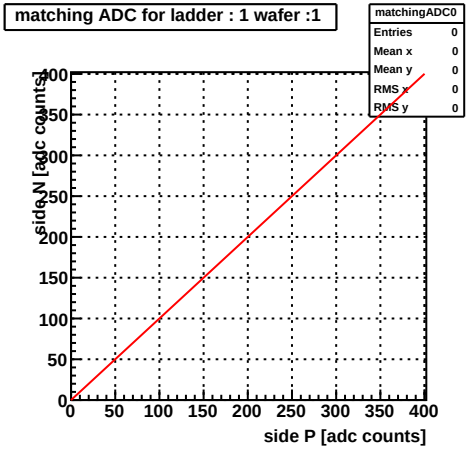
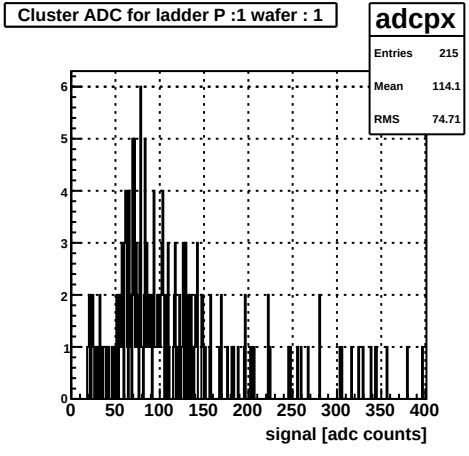
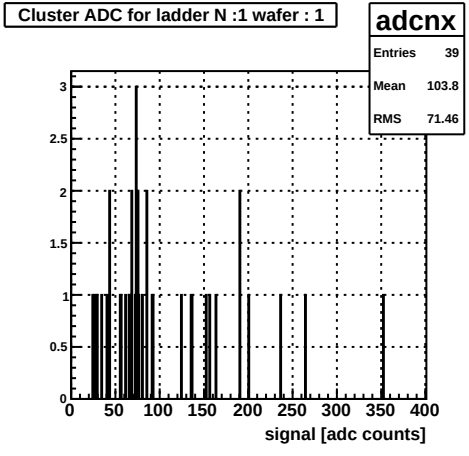
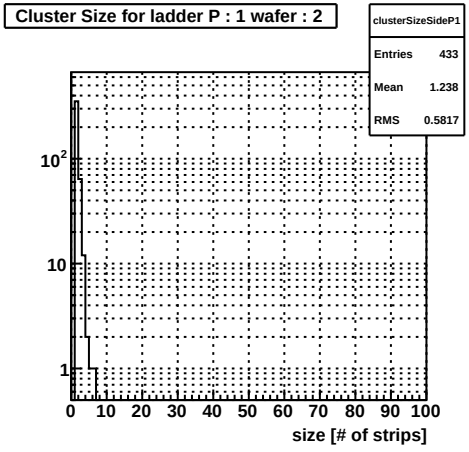

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 215
Mean 1.716
RMS 0.8884
size [# of strips]

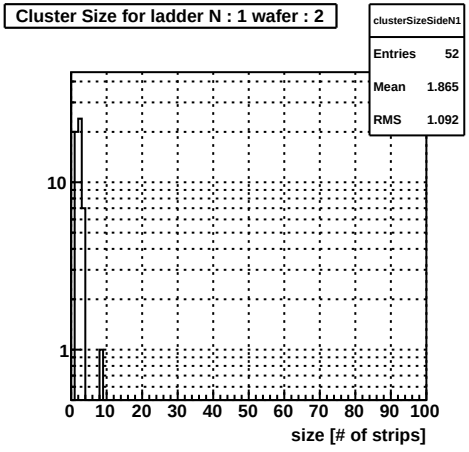

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 39
Mean 1.667
RMS 0.9152
size [# of strips]

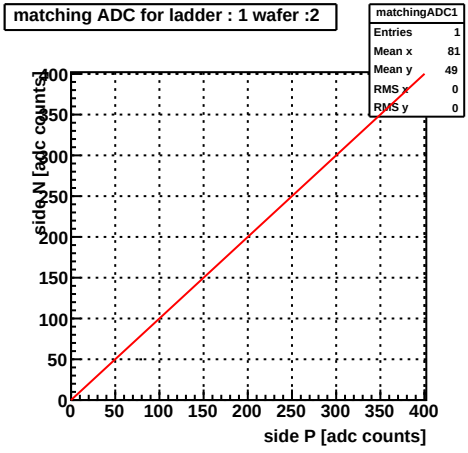

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

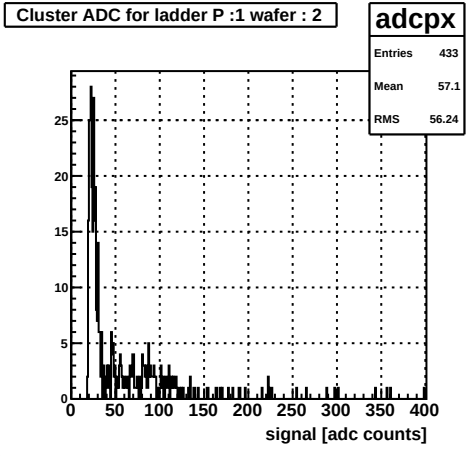

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 215
Mean 114.1
RMS 74.71
signal [adc counts]

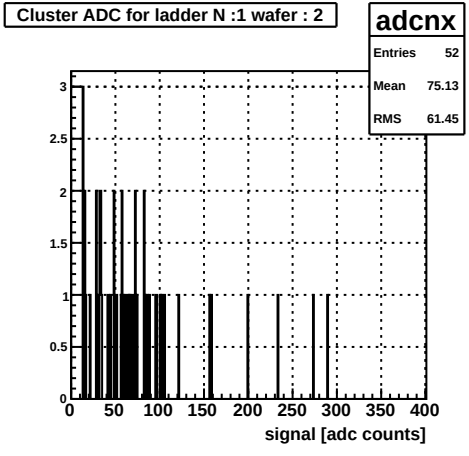

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 39
Mean 103.8
RMS 71.46
signal [adc counts]

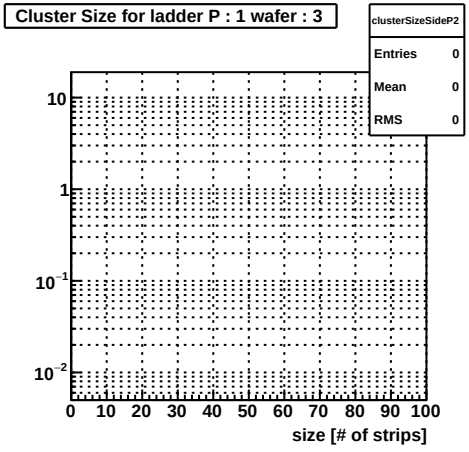

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 433
Mean 1.238
RMS 0.5817
size [# of strips]

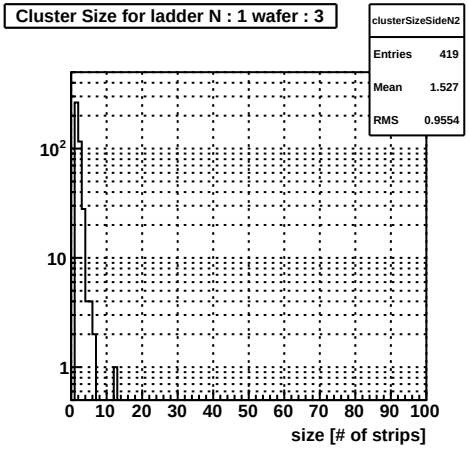

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 52
Mean 1.865
RMS 1.092
size [# of strips]

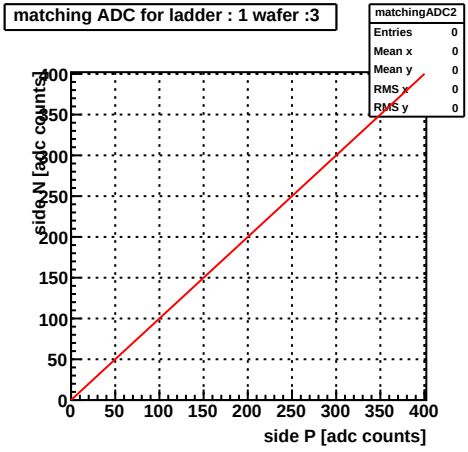

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 1
Mean x 81
Mean y 49
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

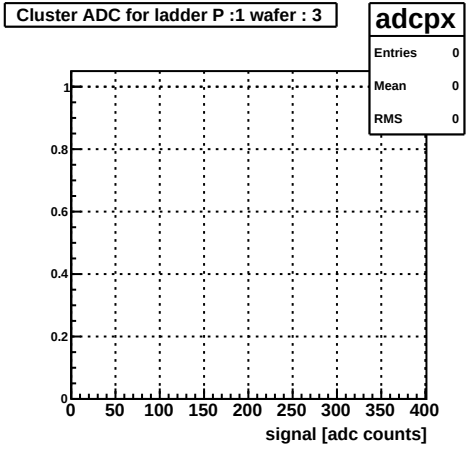

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 433
Mean 57.1
RMS 56.24
signal [adc counts]

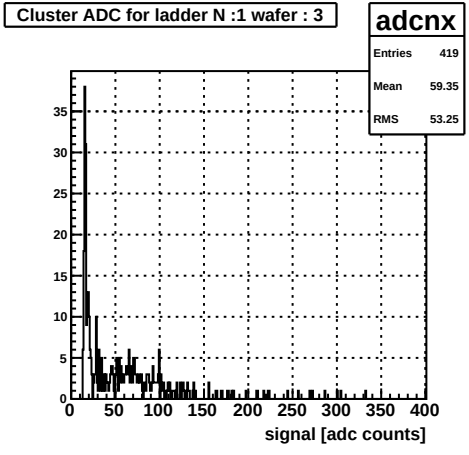

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 52
Mean 75.13
RMS 61.45
signal [adc counts]

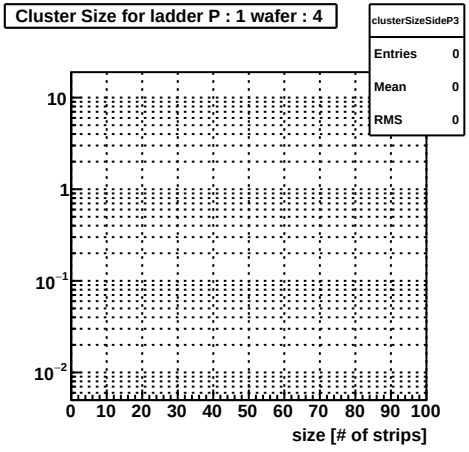

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

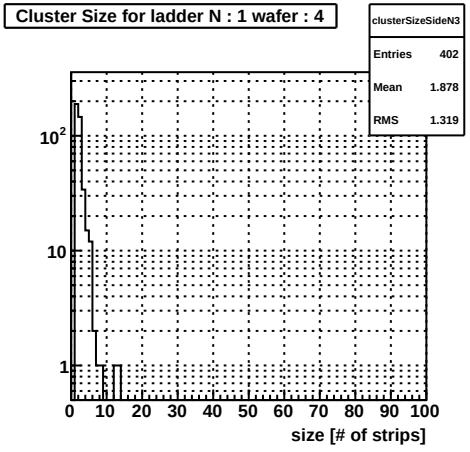

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 419
Mean 1.527
RMS 0.9554
size [# of strips]

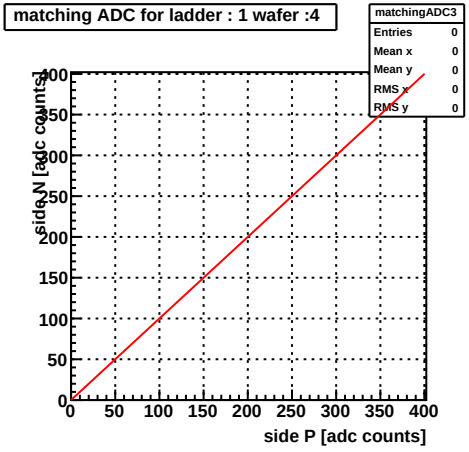

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

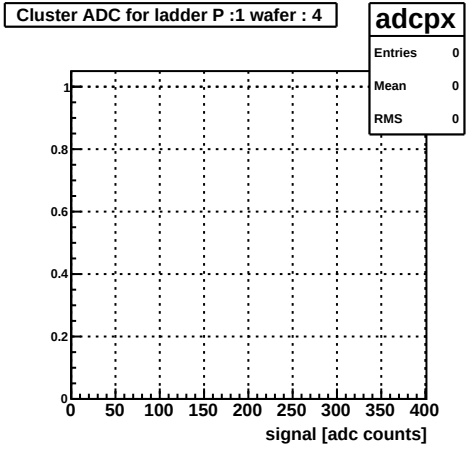

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

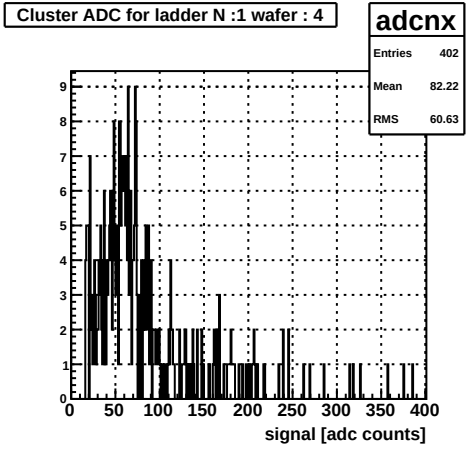

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 419
Mean 59.35
RMS 53.25
signal [adc counts]

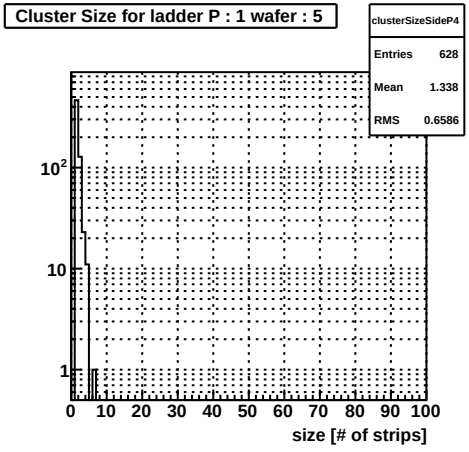

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

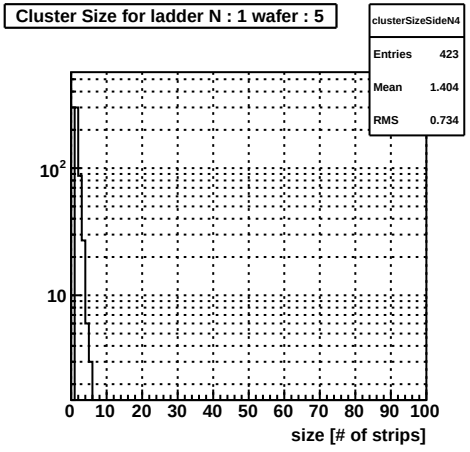

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 402
Mean 1.878
RMS 1.319
size [# of strips]

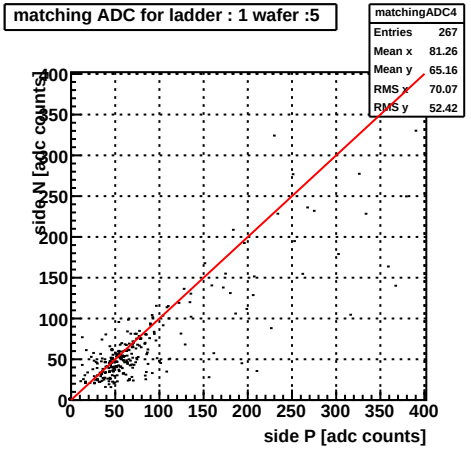

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

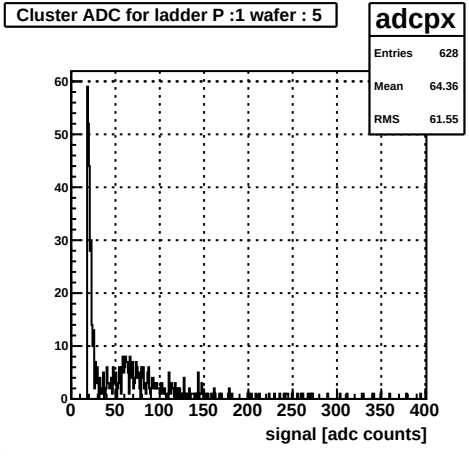

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

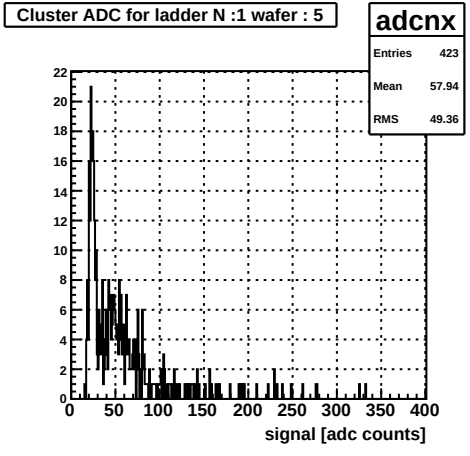

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 402
Mean 82.22
RMS 60.63
signal [adc counts]

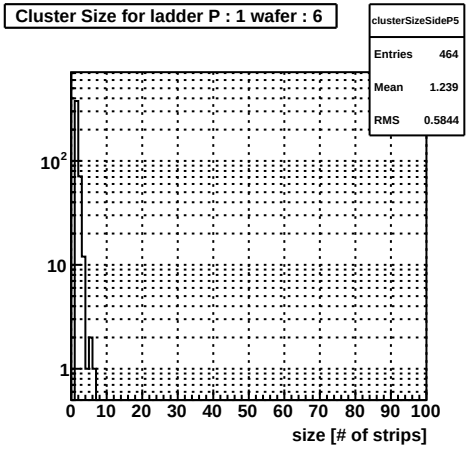

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 628
Mean 1.338
RMS 0.6586
size [# of strips]

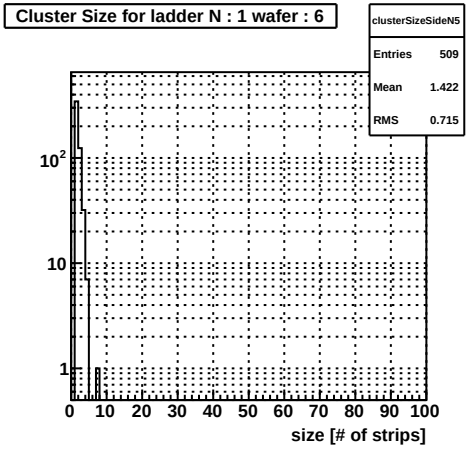

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 423
Mean 1.404
RMS 0.734
size [# of strips]

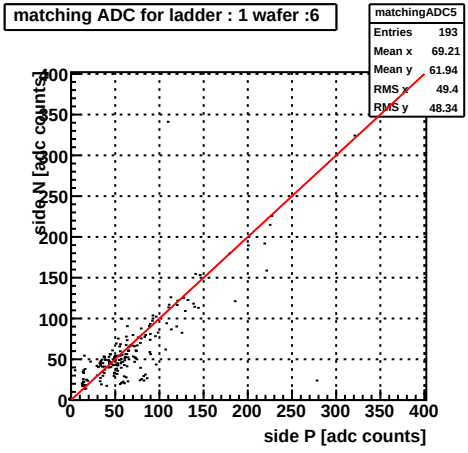

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 267
Mean x 81.26
Mean y 65.16
RMS x 70.07
RMS y 52.42
side N [adc counts]
side P [adc counts]

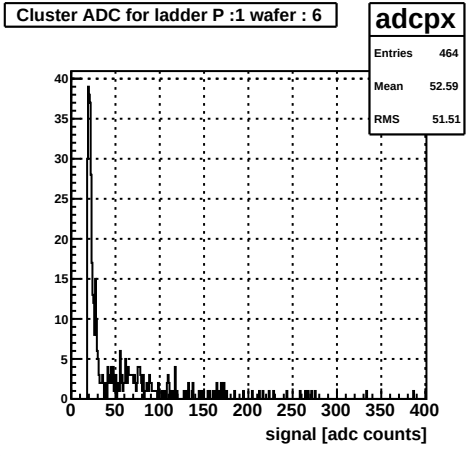

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 628
Mean 64.36
RMS 61.55
signal [adc counts]

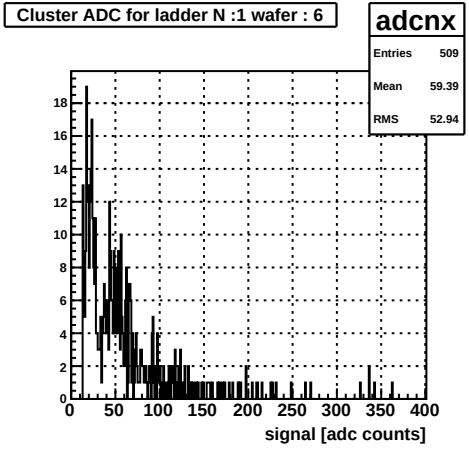

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 423
Mean 57.94
RMS 49.36
signal [adc counts]

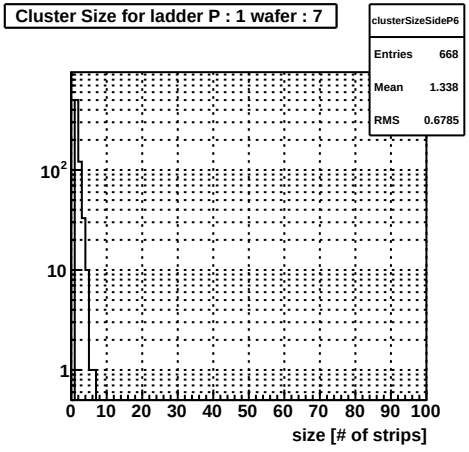

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 464
Mean 1.239
RMS 0.5844
size [# of strips]

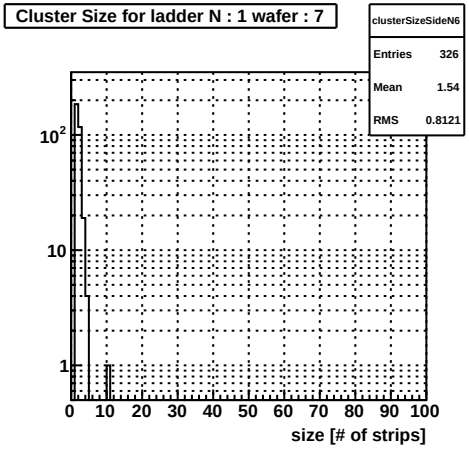

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 509
Mean 1.422
RMS 0.715
size [# of strips]

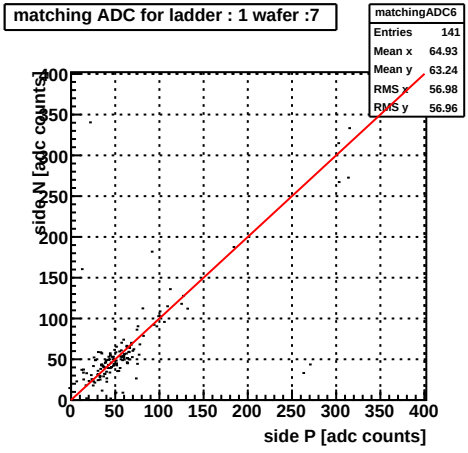

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 193
Mean x 69.21
Mean y 61.94
RMS x 49.4
RMS y 48.34
side N [adc counts]
side P [adc counts]

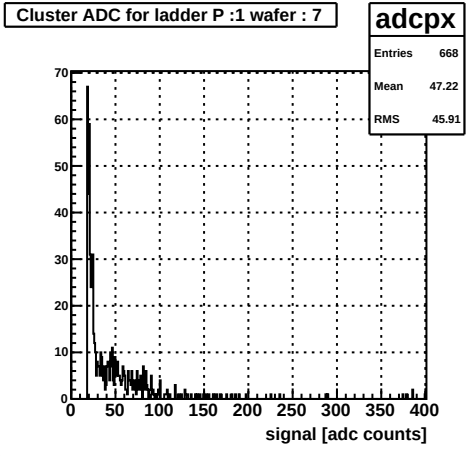

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 464
Mean 52.59
RMS 51.51
signal [adc counts]

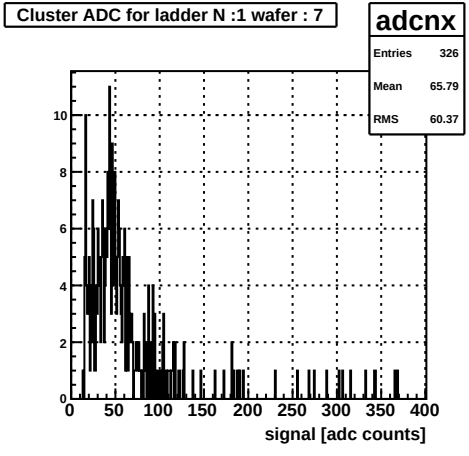

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 509
Mean 59.39
RMS 52.94
signal [adc counts]

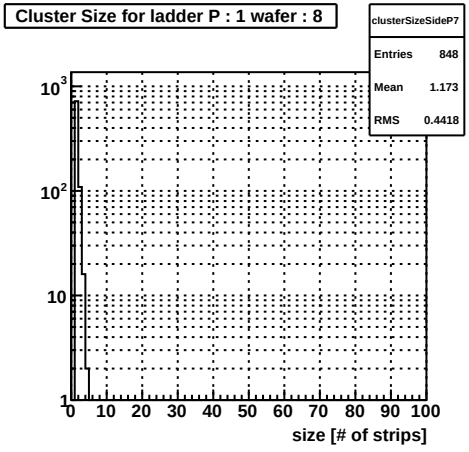

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 668
Mean 1.338
RMS 0.6785
size [# of strips]

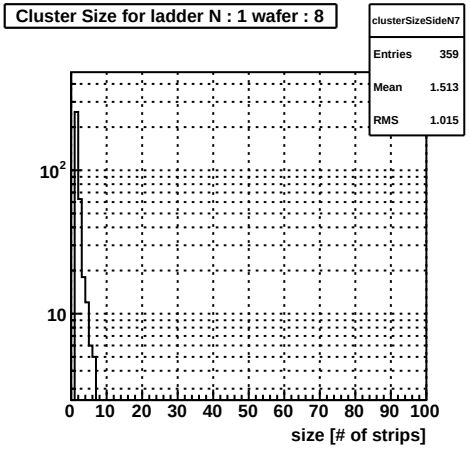

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 326
Mean 1.54
RMS 0.8121
size [# of strips]

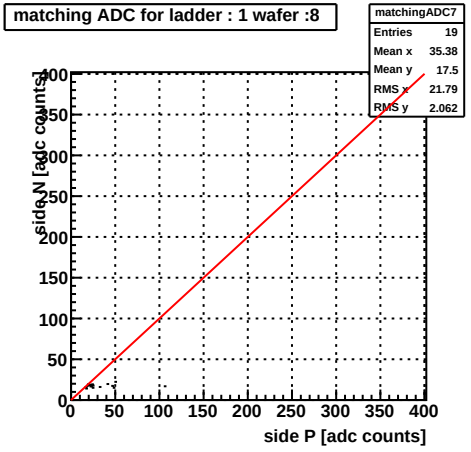

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 141
Mean x 64.93
Mean y 63.24
RMS x 56.98
RMS y 56.96
side N [adc counts]
side P [adc counts]

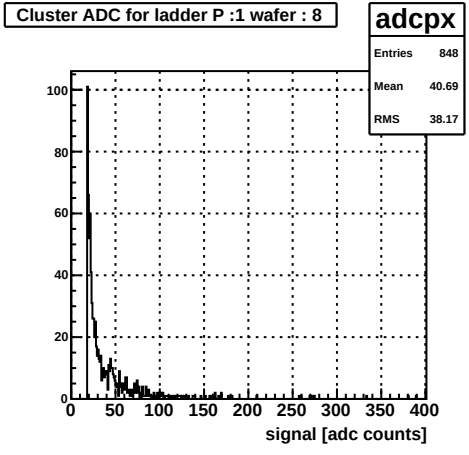

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 668
Mean 47.22
RMS 45.91
signal [adc counts]

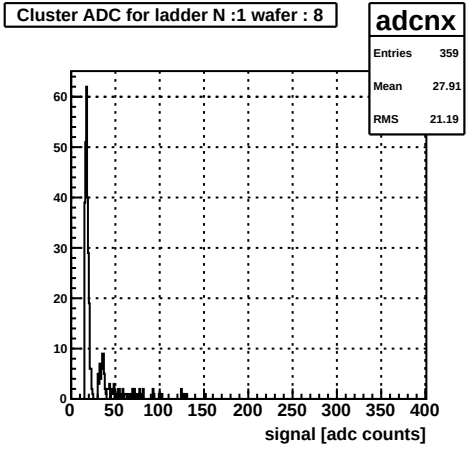

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 326
Mean 65.79
RMS 60.37
signal [adc counts]

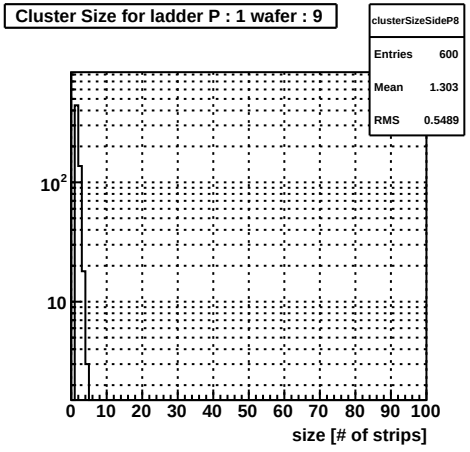

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 848
Mean 1.173
RMS 0.4418
size [# of strips]

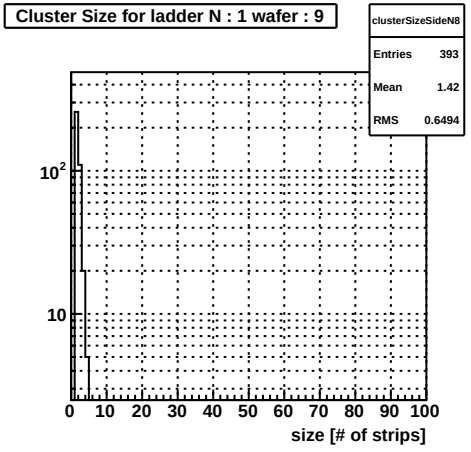

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 359
Mean 1.513
RMS 1.015
size [# of strips]

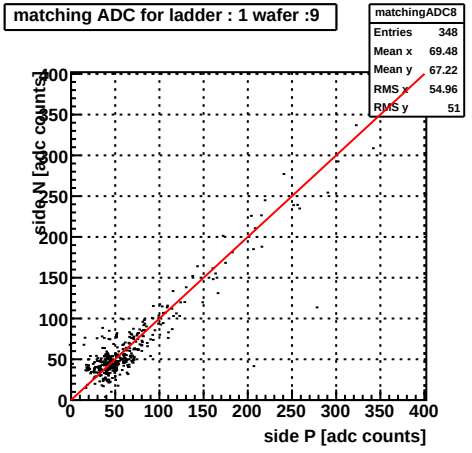

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 19
Mean x 35.38
Mean y 17.5
RMS x 21.79
RMS y 2.062
side N [adc counts]
side P [adc counts]

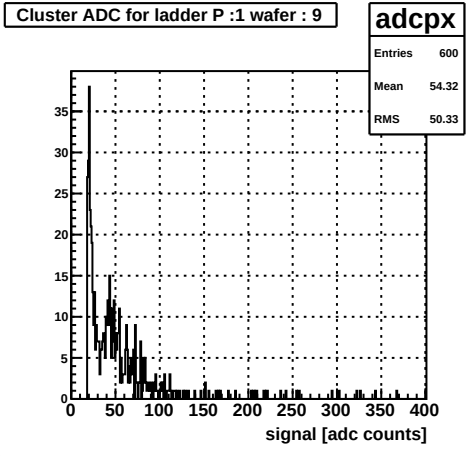

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 848
Mean 40.69
RMS 38.17
signal [adc counts]

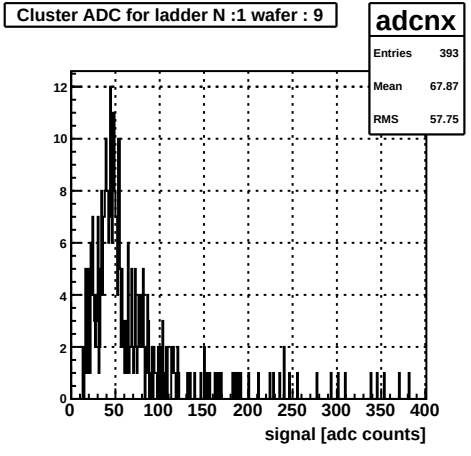

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 359
Mean 27.91
RMS 21.19
signal [adc counts]

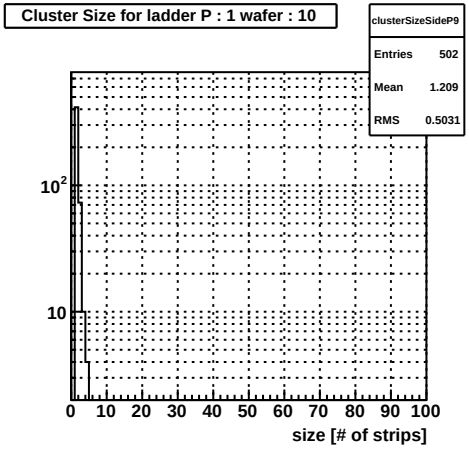

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 600
Mean 1.303
RMS 0.5489
size [# of strips]

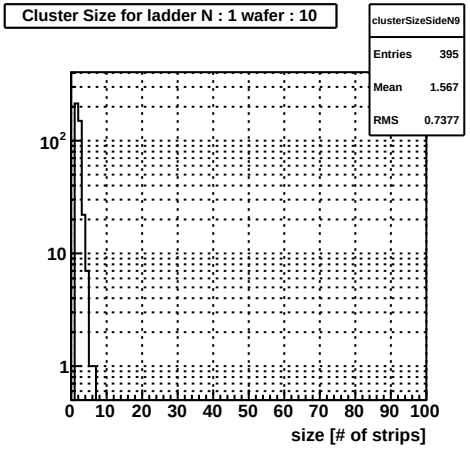

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 393
Mean 1.42
RMS 0.6494
size [# of strips]

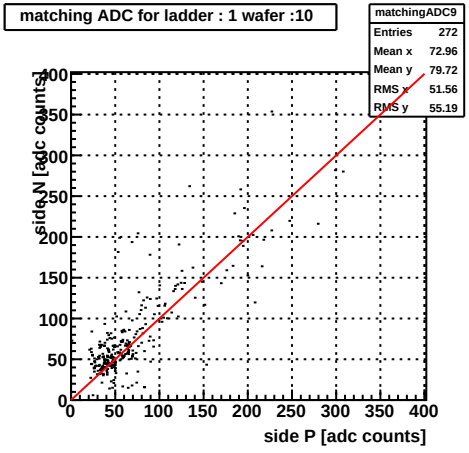

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 348
Mean x 69.48
Mean y 67.22
RMS x 54.96
RMS y 51
side N [adc counts]
side P [adc counts]

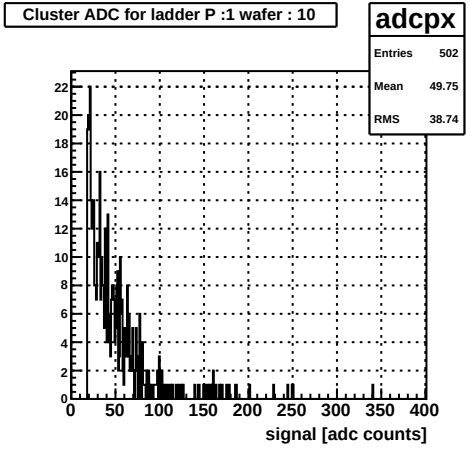

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 600
Mean 54.32
RMS 50.33
signal [adc counts]

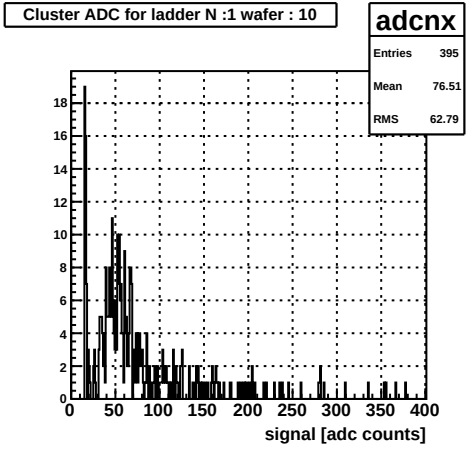

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 393
Mean 67.87
RMS 57.75
signal [adc counts]

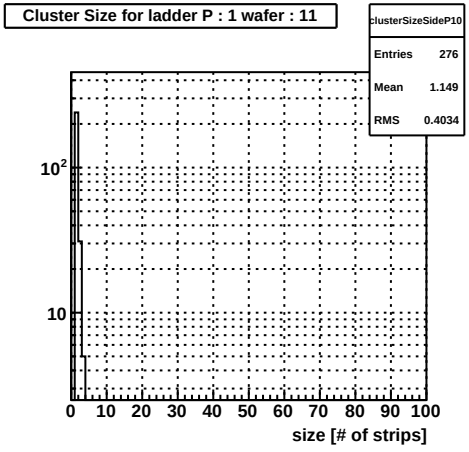

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 502
Mean 1.209
RMS 0.5031
size [# of strips]

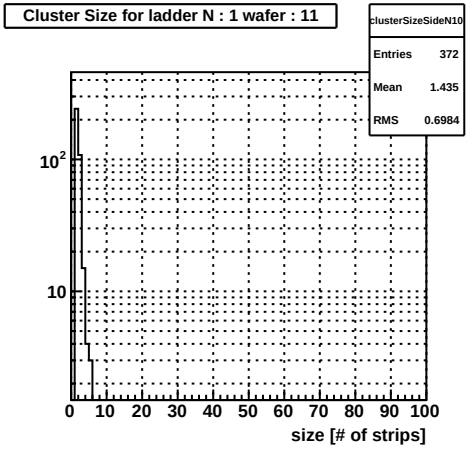

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 395
Mean 1.567
RMS 0.7377
size [# of strips]

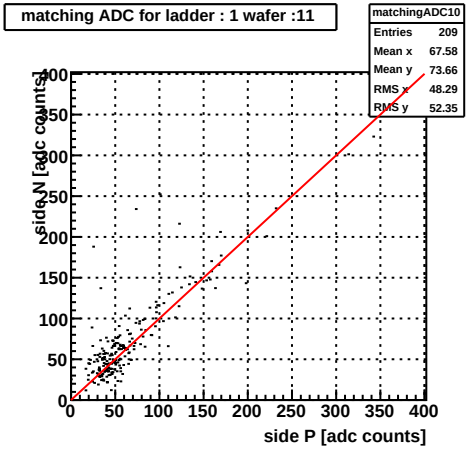

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 272
Mean x 72.96
Mean y 79.72
RMS x 51.56
RMS y 55.19
side N [adc counts]
side P [adc counts]

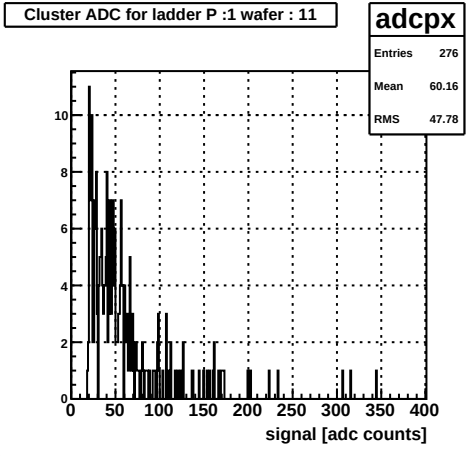

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 502
Mean 49.75
RMS 38.74
signal [adc counts]

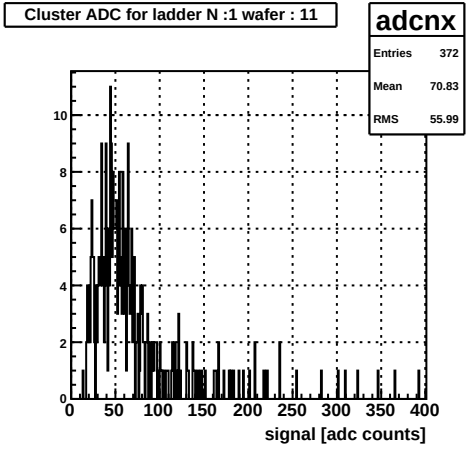

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 395
Mean 76.51
RMS 62.79
signal [adc counts]

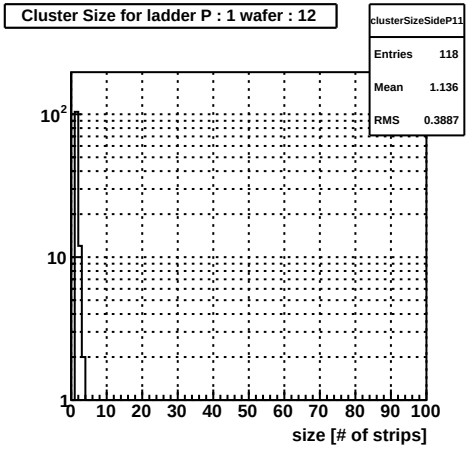

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 276
Mean 1.149
RMS 0.4034
size [# of strips]

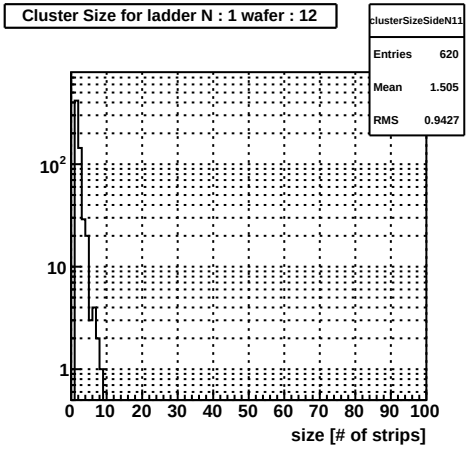

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 372
Mean 1.435
RMS 0.6984
size [# of strips]

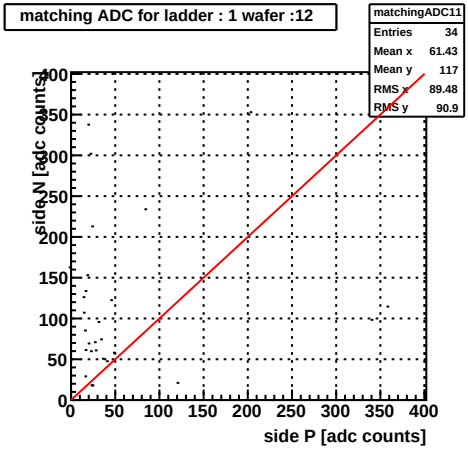

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 209
Mean x 67.58
Mean y 73.66
RMS x 48.29
RMS y 52.35
side N [adc counts]
side P [adc counts]

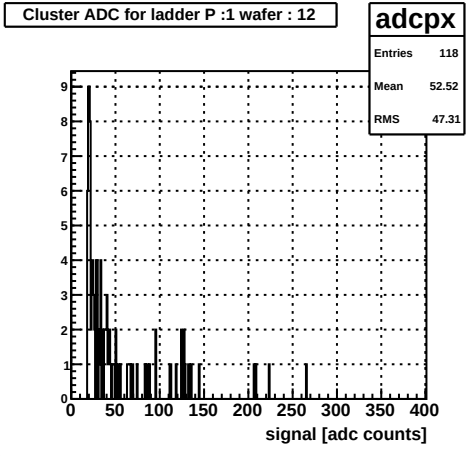

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 276
Mean 60.16
RMS 47.78
signal [adc counts]

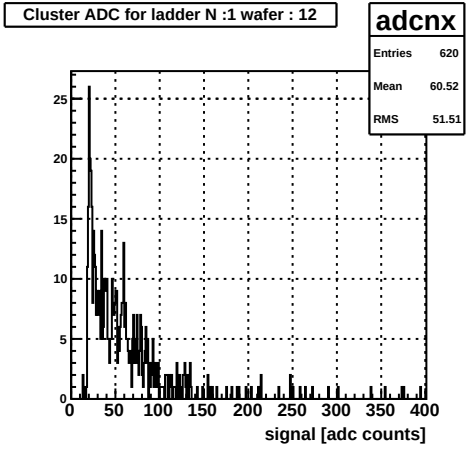

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 372
Mean 70.83
RMS 55.99
signal [adc counts]

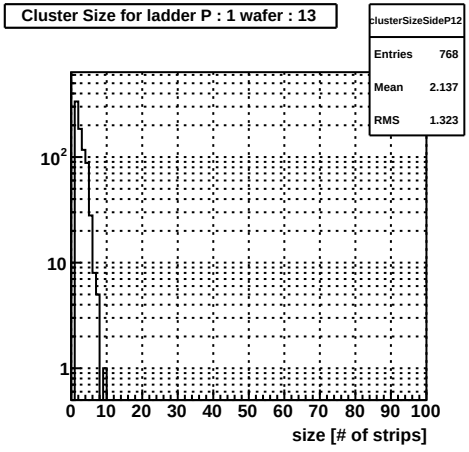

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 118
Mean 1.136
RMS 0.3887
size [# of strips]

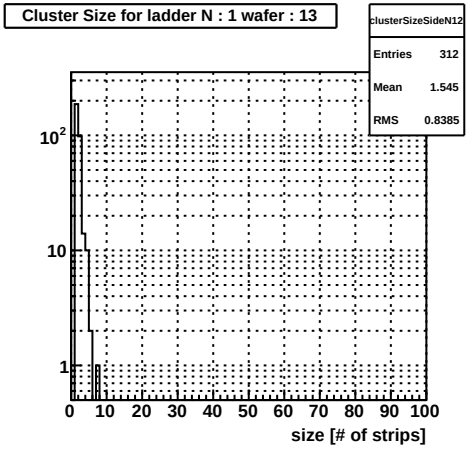

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 620
Mean 1.505
RMS 0.9427
size [# of strips]

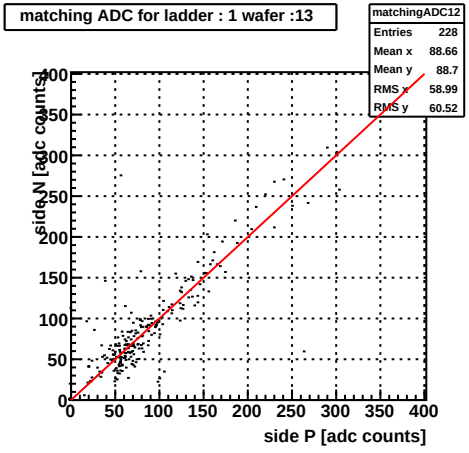

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 34
Mean x 61.43
Mean y 117
RMS x 89.48
RMS y 90.9
side N [adc counts]
side P [adc counts]

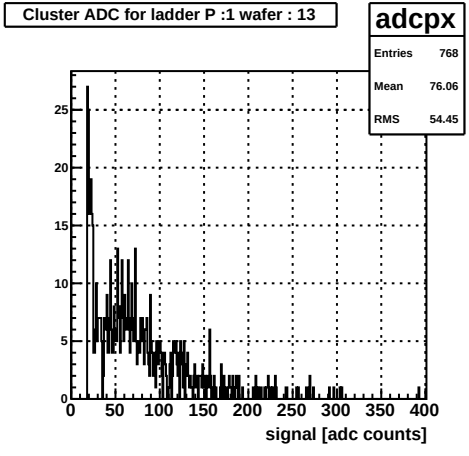

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 118
Mean 52.52
RMS 47.31
signal [adc counts]

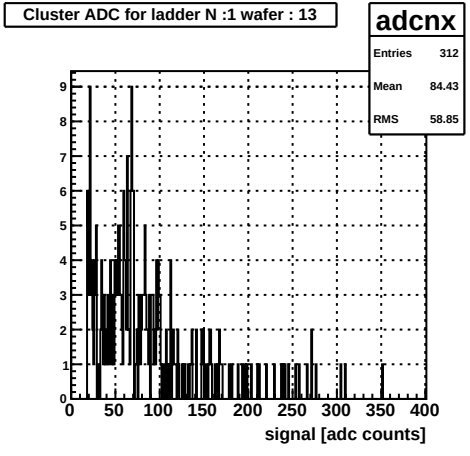

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 620
Mean 60.52
RMS 51.51
signal [adc counts]

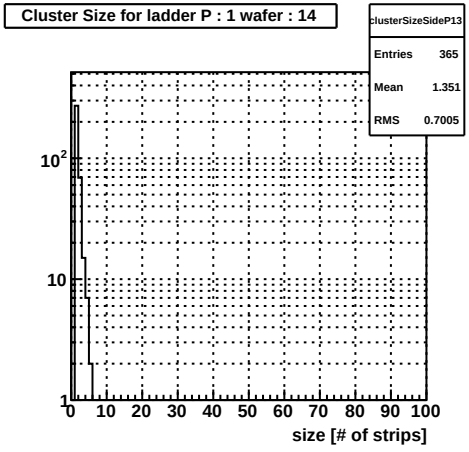

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 768
Mean 2.137
RMS 1.323
size [# of strips]

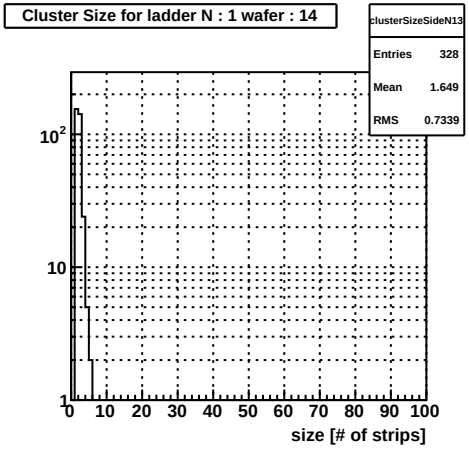

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 312
Mean 1.545
RMS 0.8385
size [# of strips]

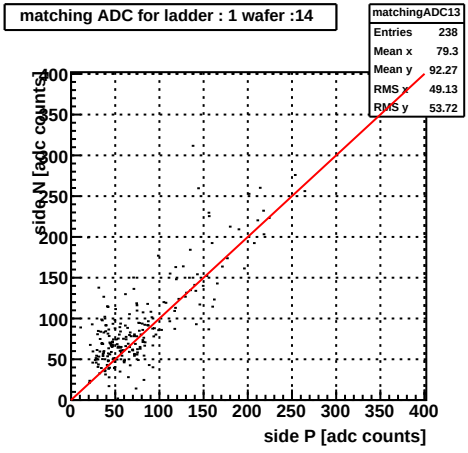

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 228
Mean x 88.66
Mean y 88.7
RMS x 58.99
RMS y 60.52
side N [adc counts]
side P [adc counts]

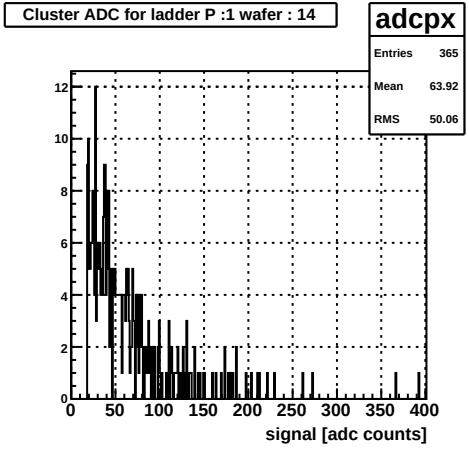

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 768
Mean 76.06
RMS 54.45
signal [adc counts]

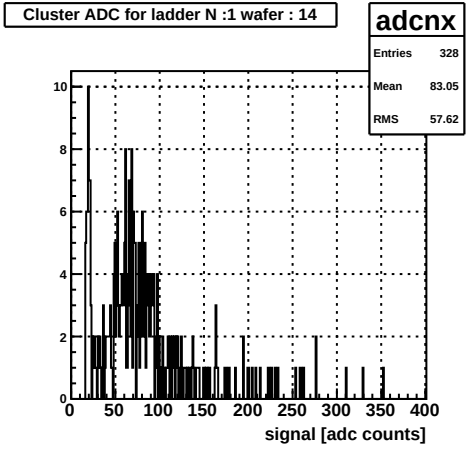

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 312
Mean 84.43
RMS 58.85
signal [adc counts]

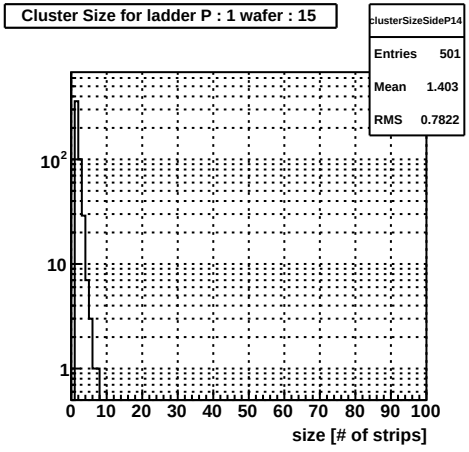

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 365
Mean 1.351
RMS 0.7005
size [# of strips]

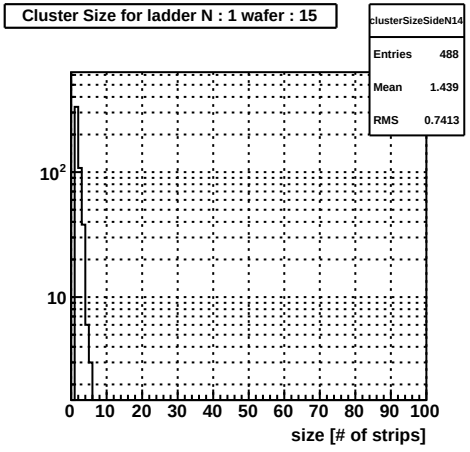

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 328
Mean 1.649
RMS 0.7339
size [# of strips]

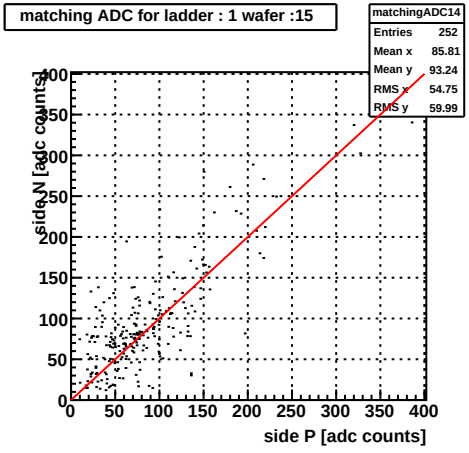

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 238
Mean x 79.3
Mean y 92.27
RMS x 49.13
RMS y 53.72
side N [adc counts]
side P [adc counts]

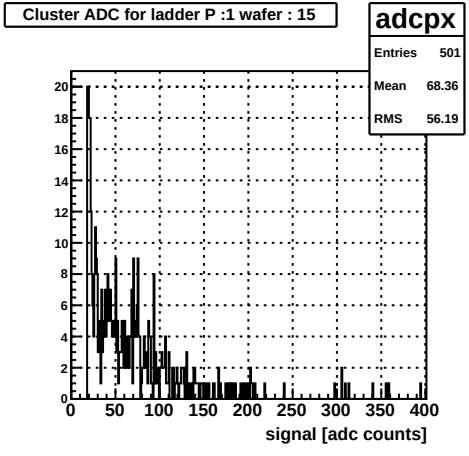

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 365
Mean 63.92
RMS 50.06
signal [adc counts]

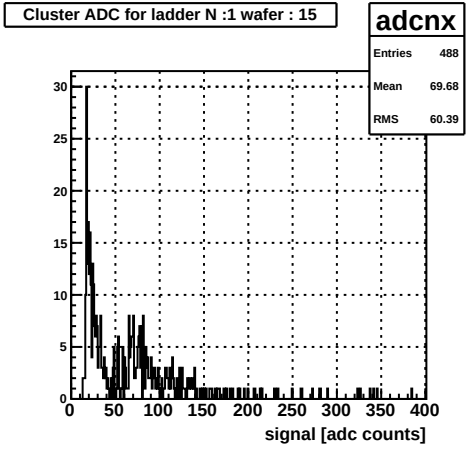

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 328
Mean 83.05
RMS 57.62
signal [adc counts]

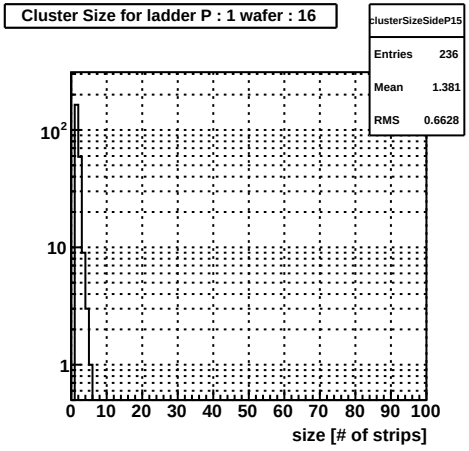

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 501
Mean 1.403
RMS 0.7822
size [# of strips]

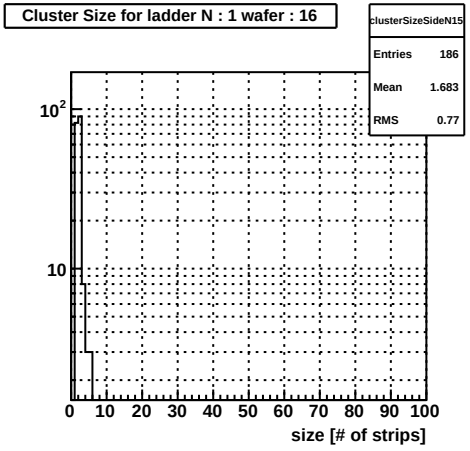

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 488
Mean 1.439
RMS 0.7413
size [# of strips]

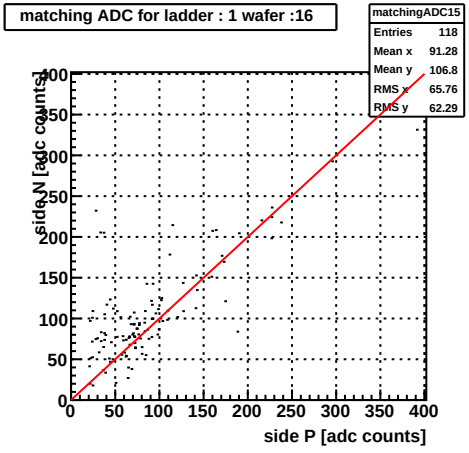

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 252
Mean x 85.81
Mean y 93.24
RMS x 54.75
RMS y 59.99
side N [adc counts]
side P [adc counts]

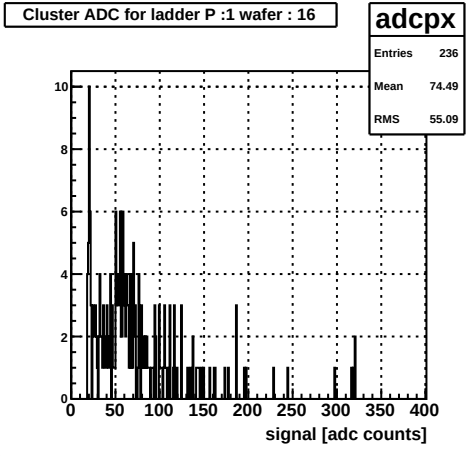

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 501
Mean 68.36
RMS 56.19
signal [adc counts]

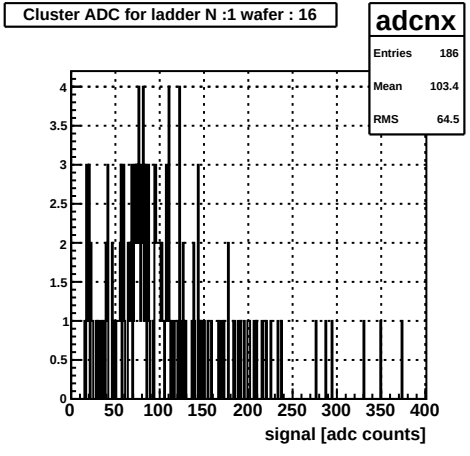

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 488
Mean 69.68
RMS 60.39
signal [adc counts]

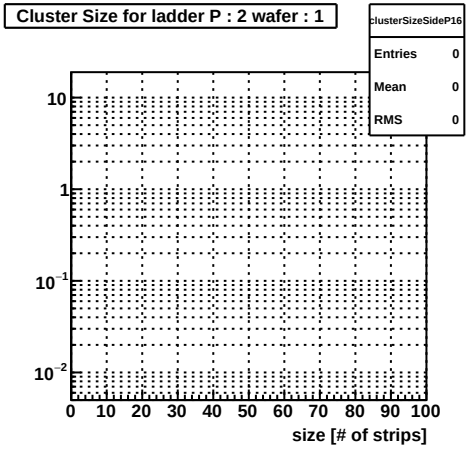

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 236
Mean 1.381
RMS 0.6628
size [# of strips]

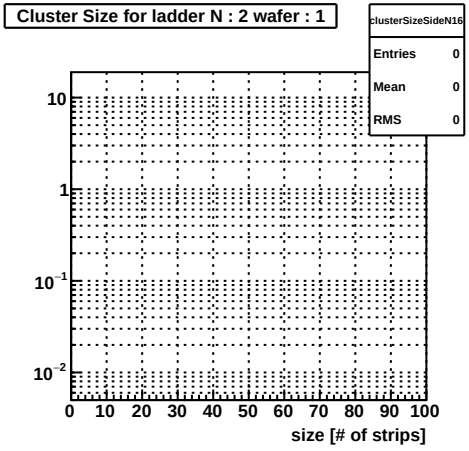

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 186
Mean 1.683
RMS 0.77
size [# of strips]

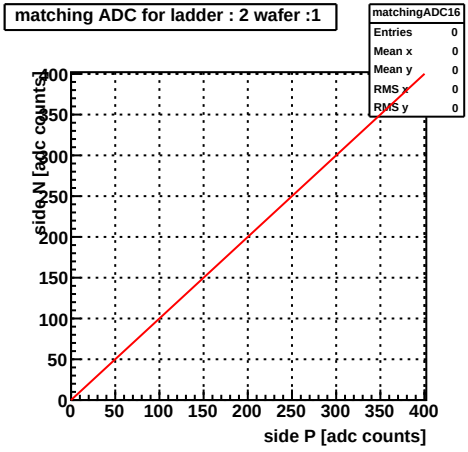

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 118
Mean x 91.28
Mean y 106.8
RMS x 65.76
RMS y 62.29
side N [adc counts]
side P [adc counts]

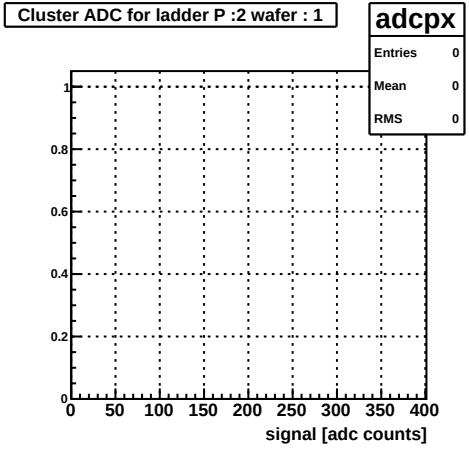

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 236
Mean 74.49
RMS 55.09
signal [adc counts]

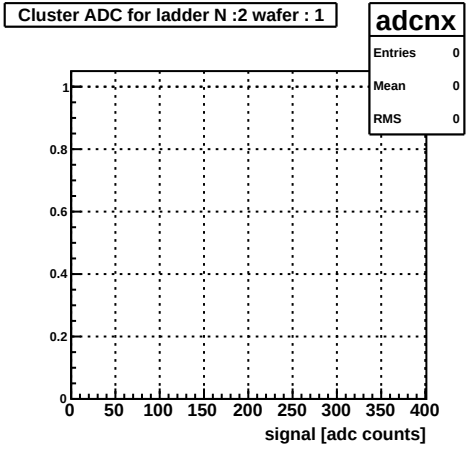

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 186
Mean 103.4
RMS 64.5
signal [adc counts]

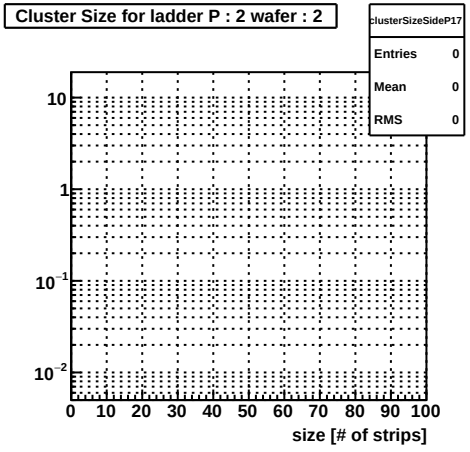

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

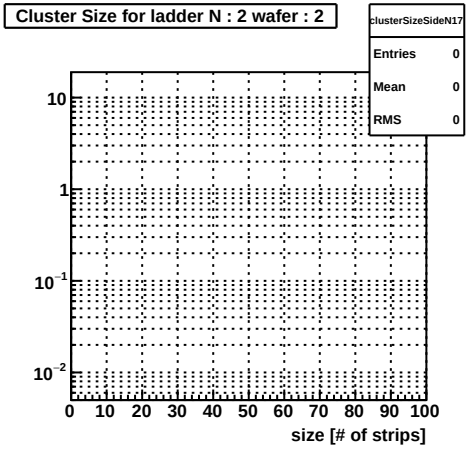

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

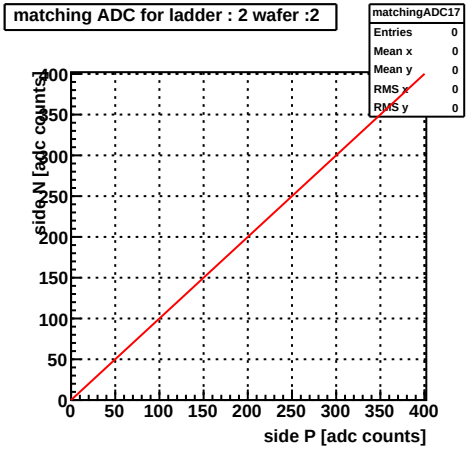

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

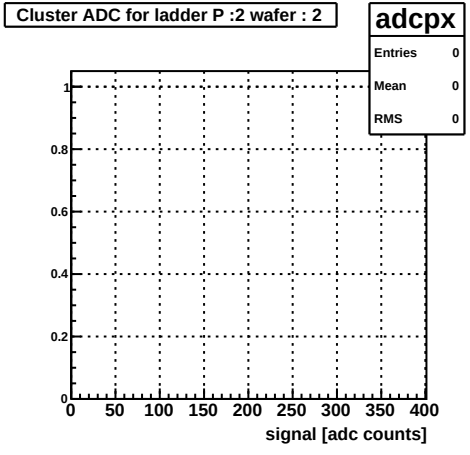

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

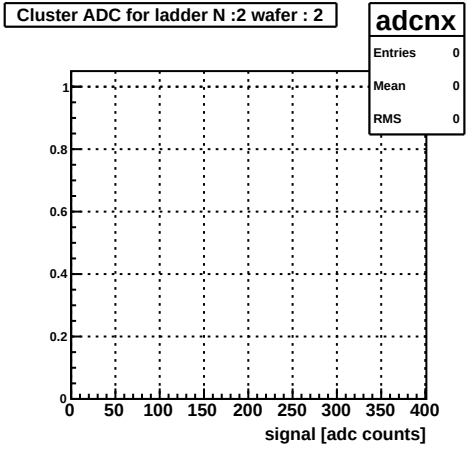

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

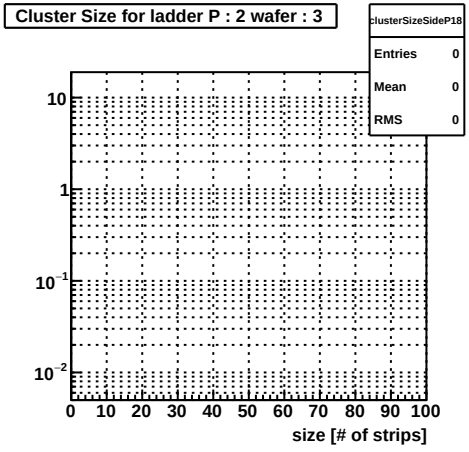

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

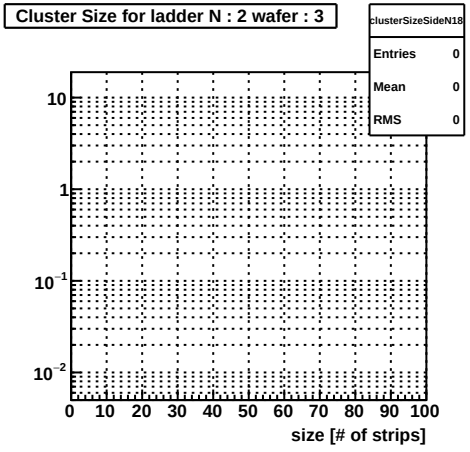

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

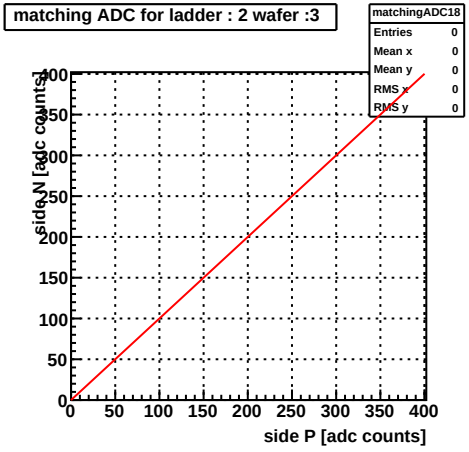

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

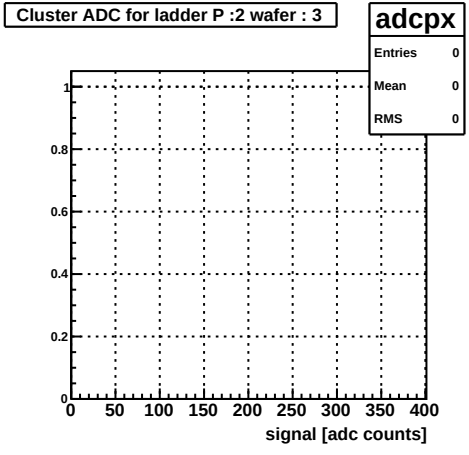

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

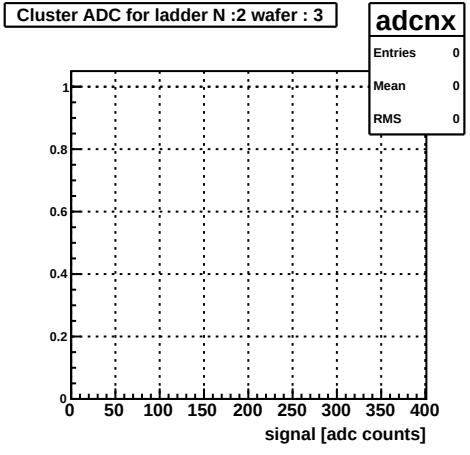

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

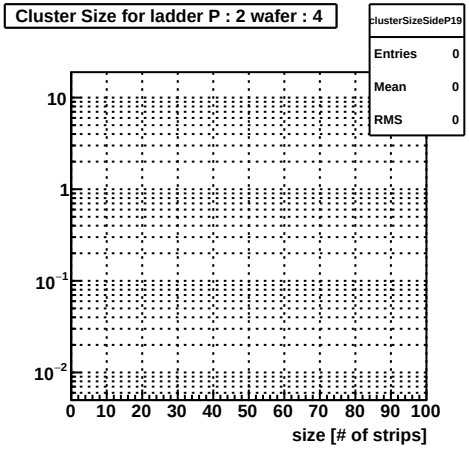

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

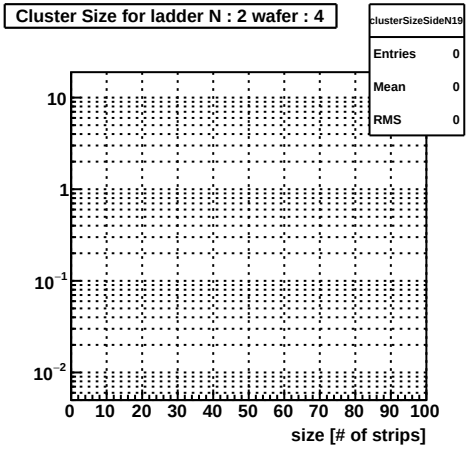

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

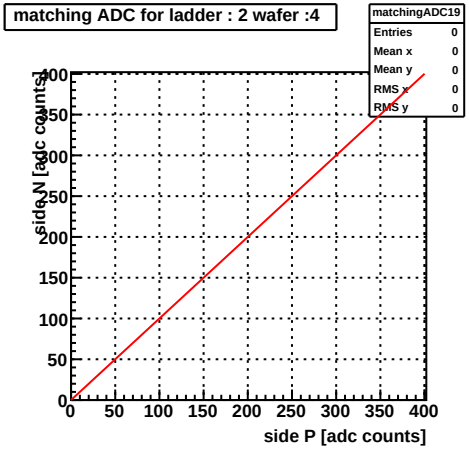

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

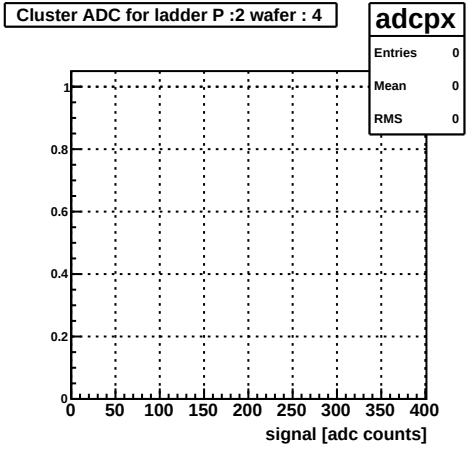

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

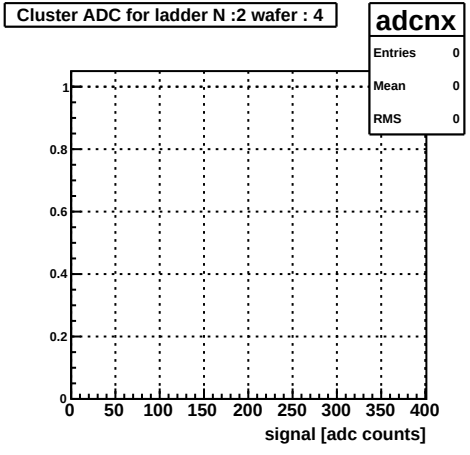

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

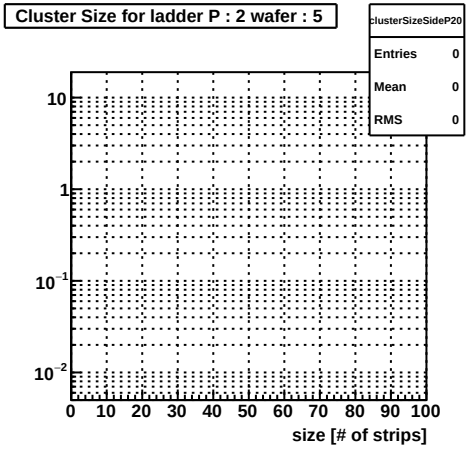

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

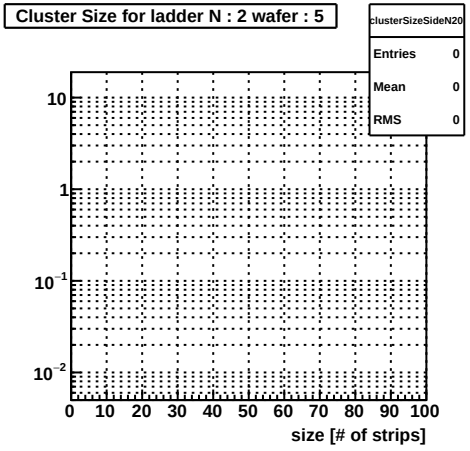

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

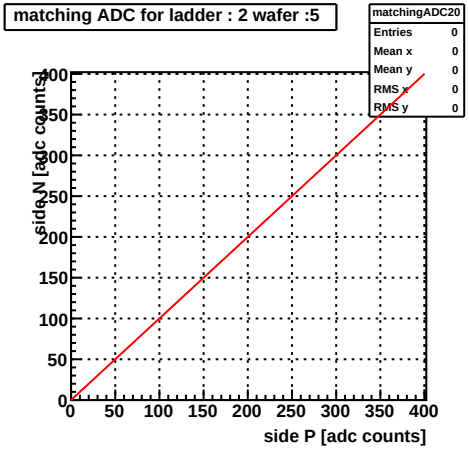

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

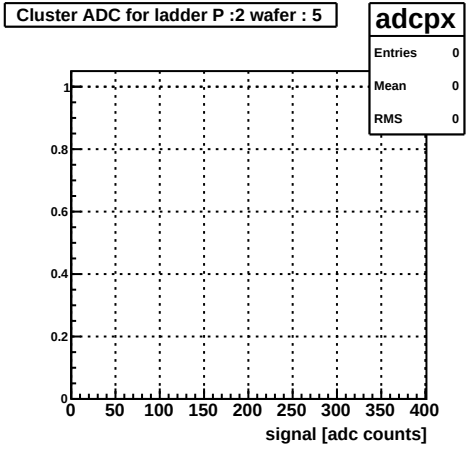

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

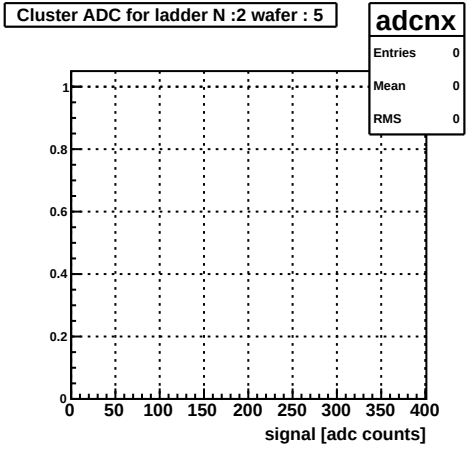

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

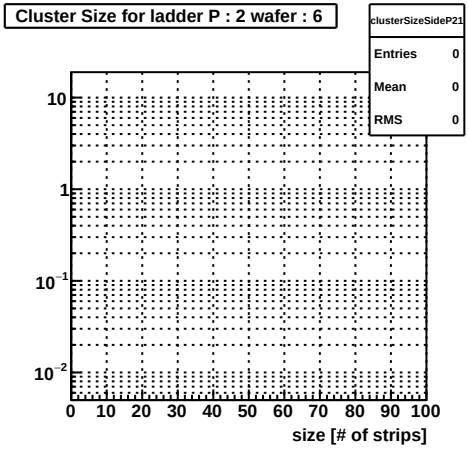

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

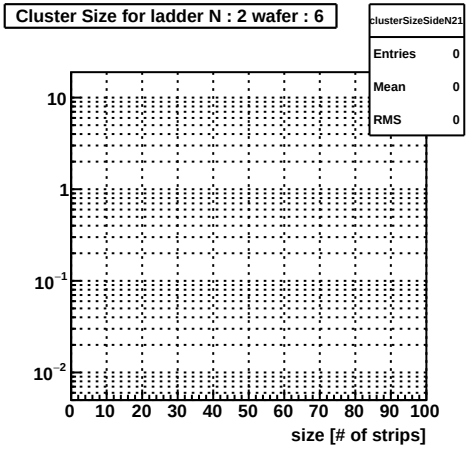

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

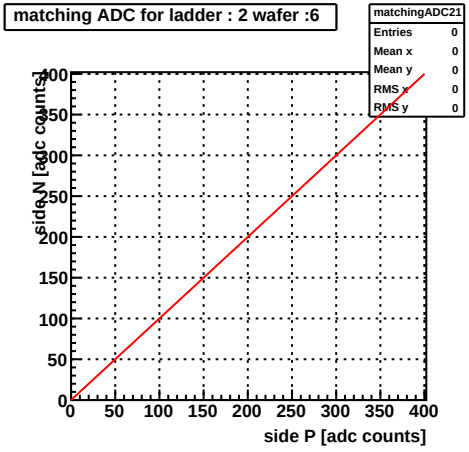

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

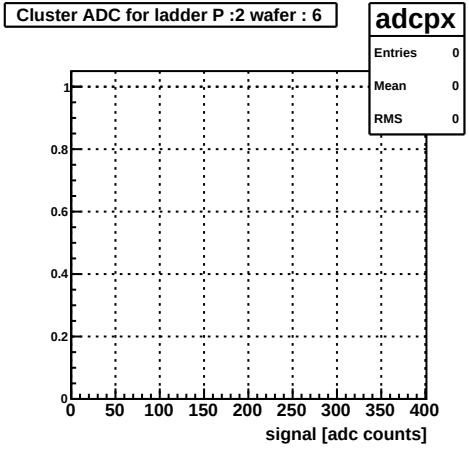

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

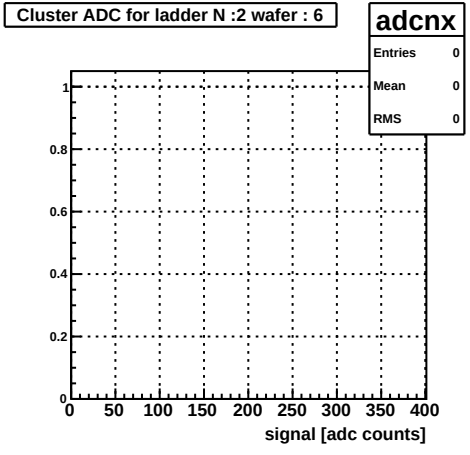

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

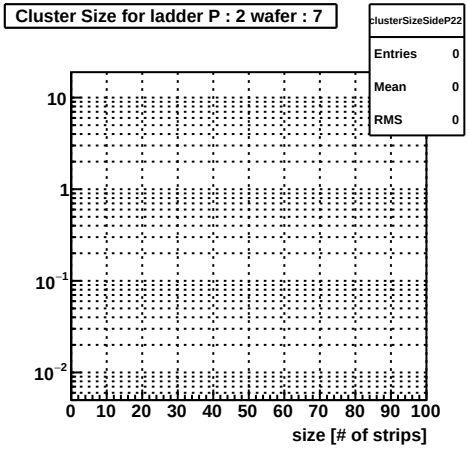

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

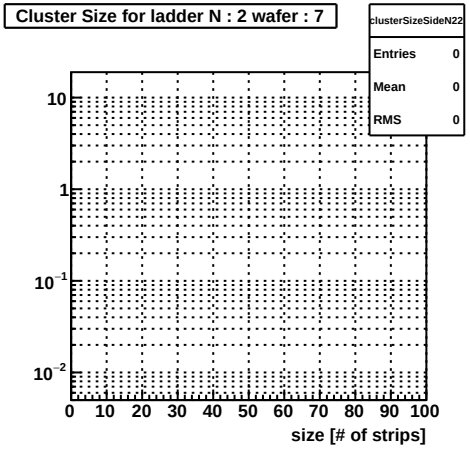

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

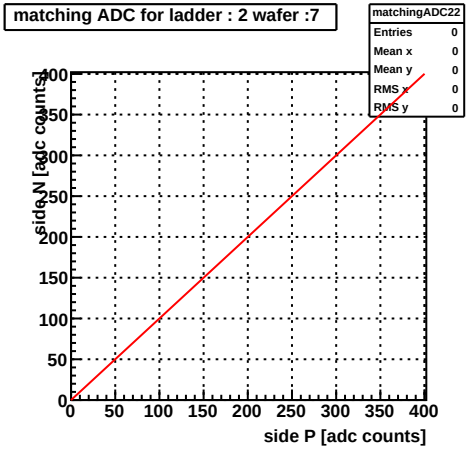

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

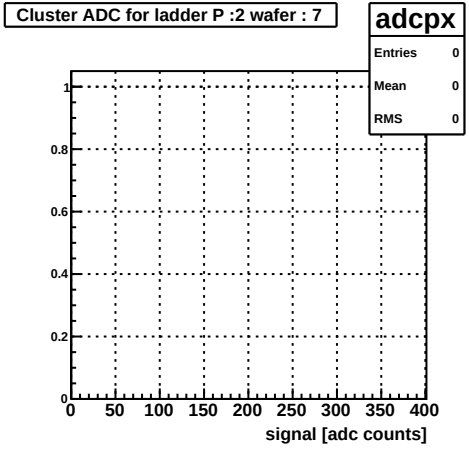

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

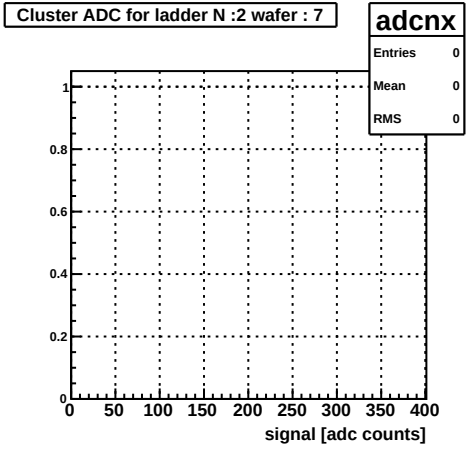

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

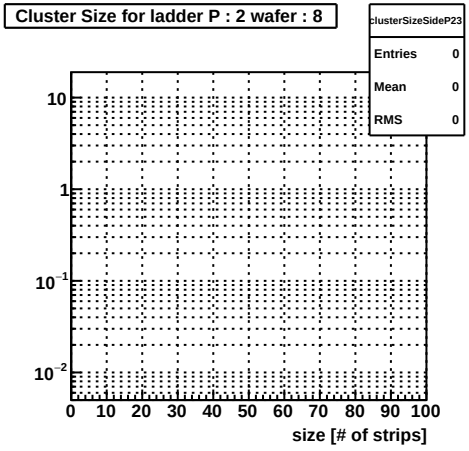

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

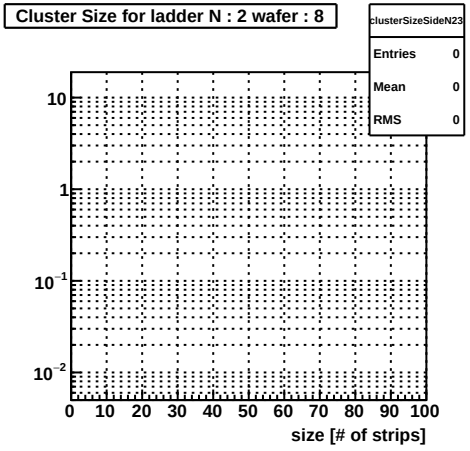

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

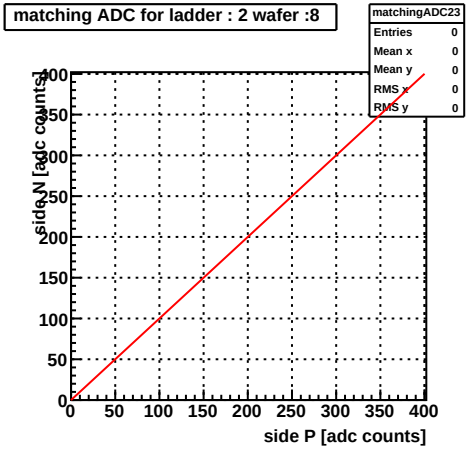

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

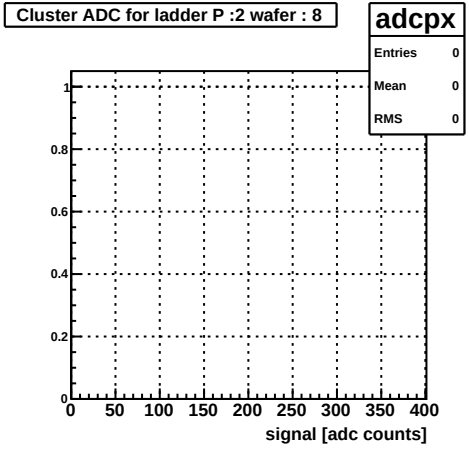

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

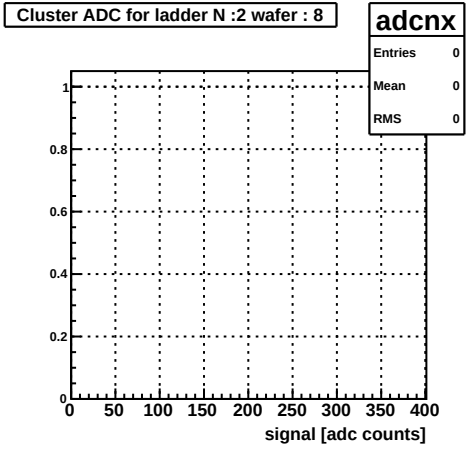

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

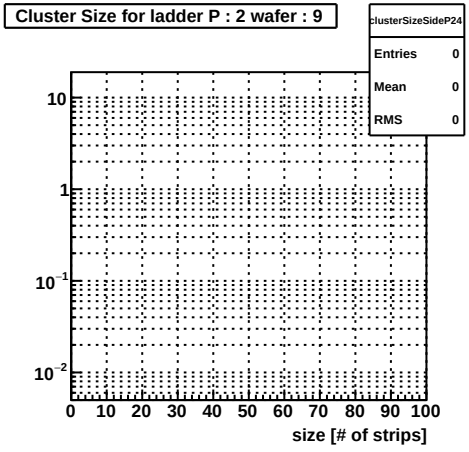

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

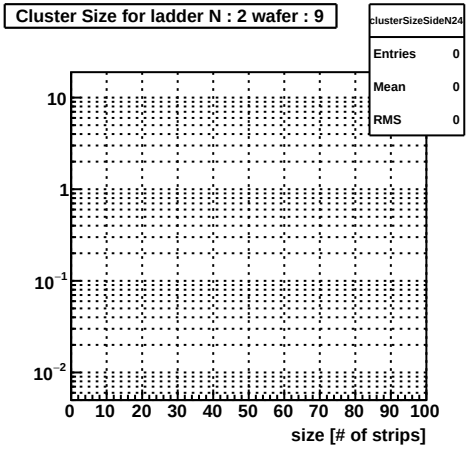

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

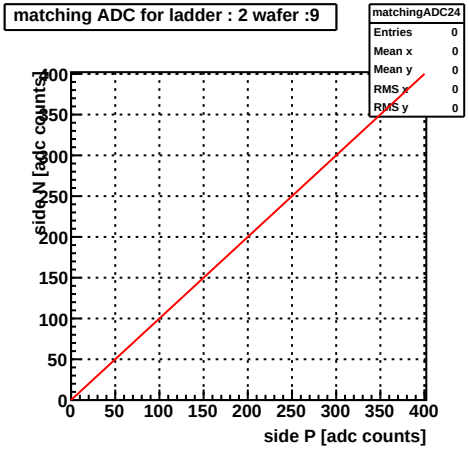

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

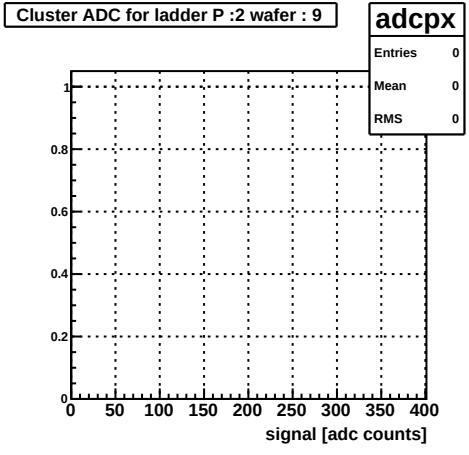

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

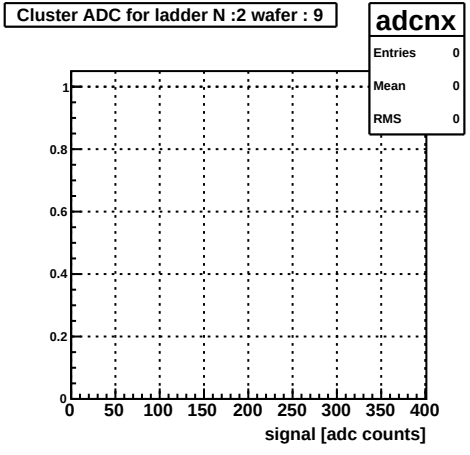

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

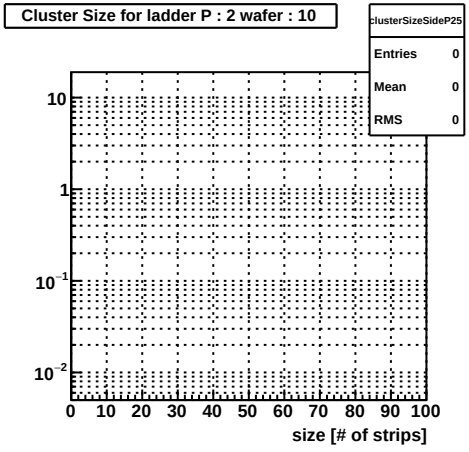

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

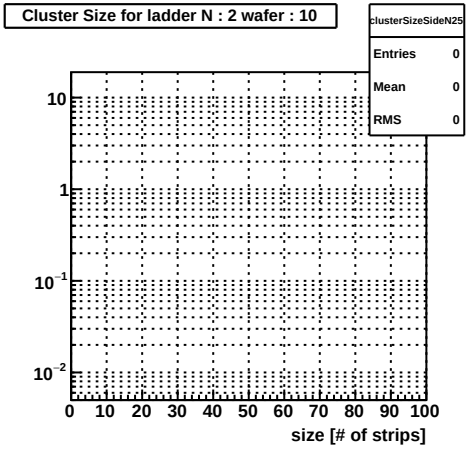

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

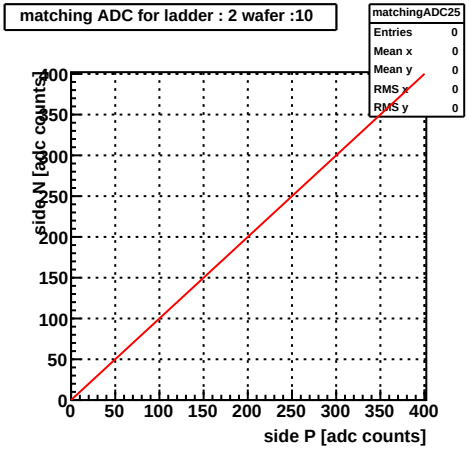

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

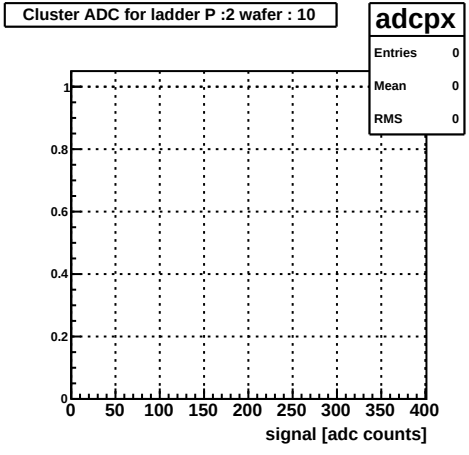

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

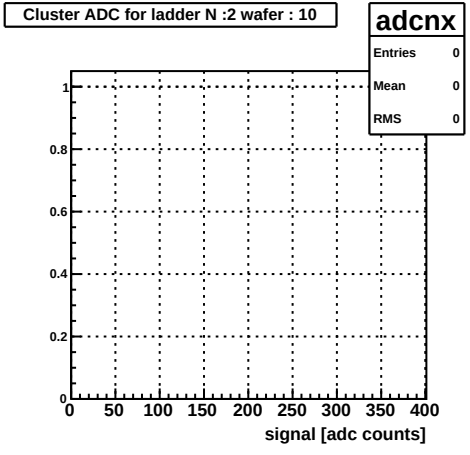

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

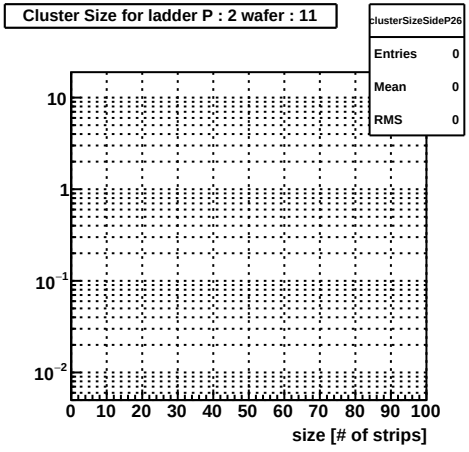

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

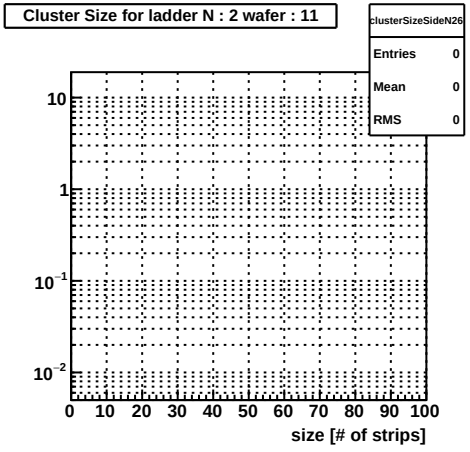

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

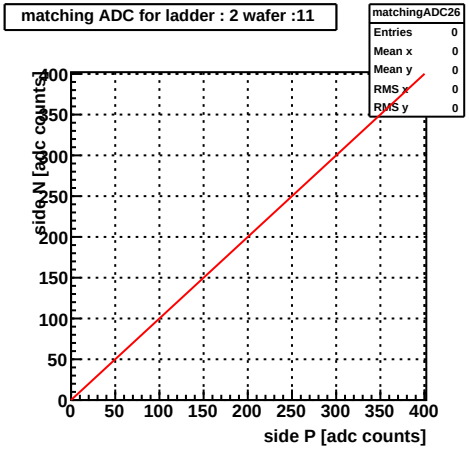

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

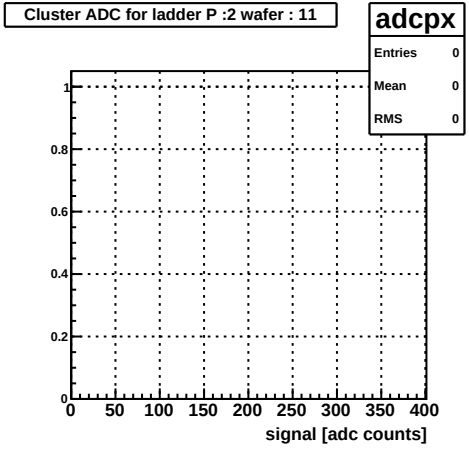

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

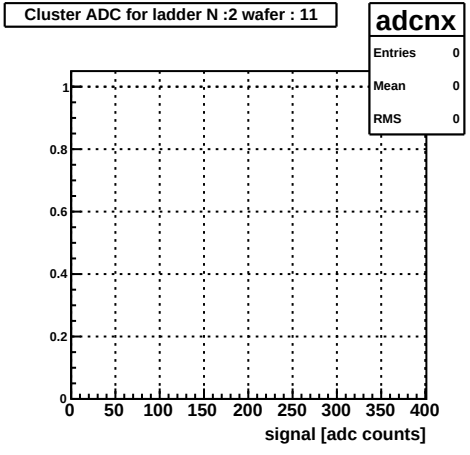

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

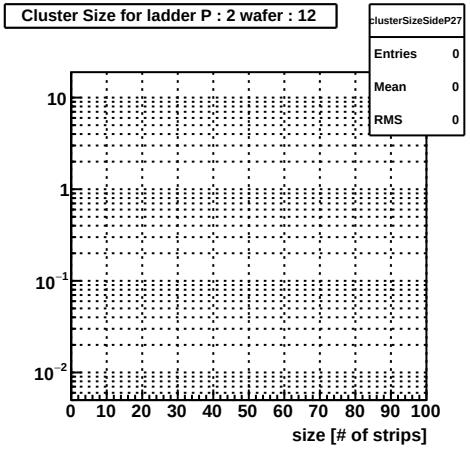

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

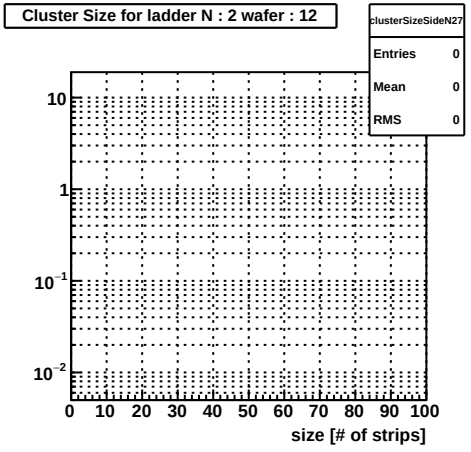

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

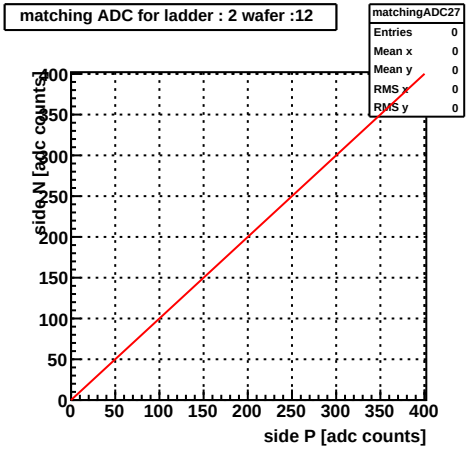

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

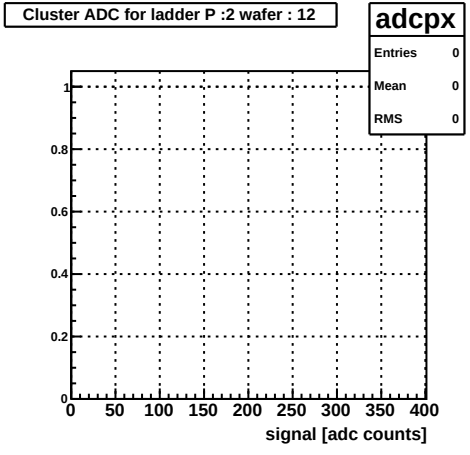

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

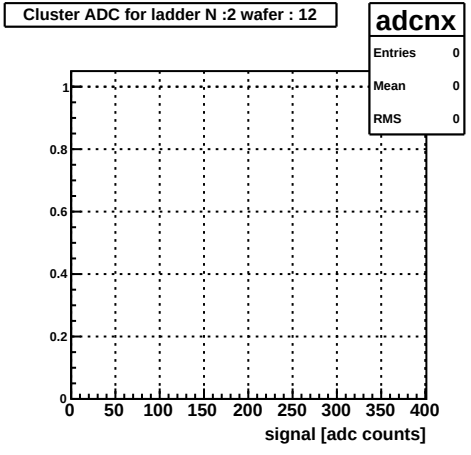

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

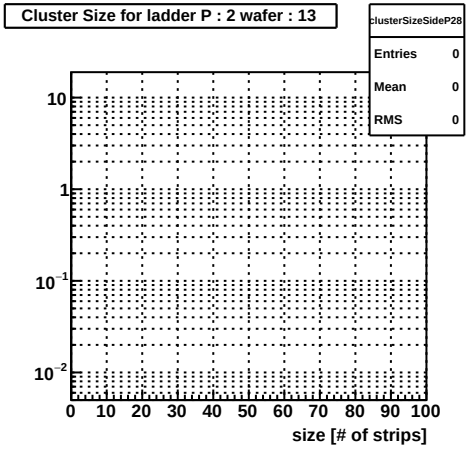

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

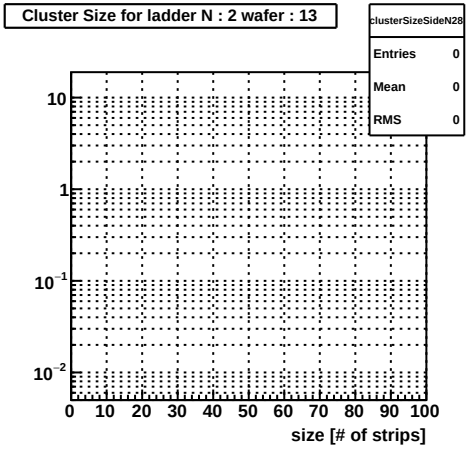

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

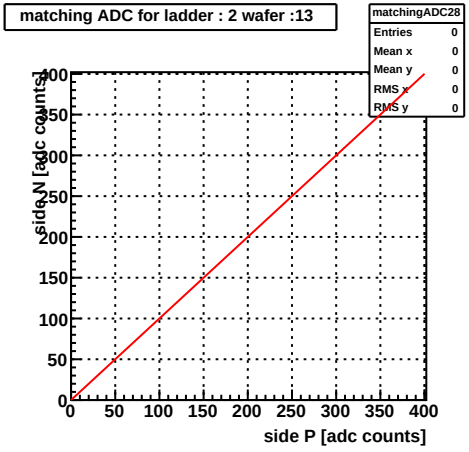

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

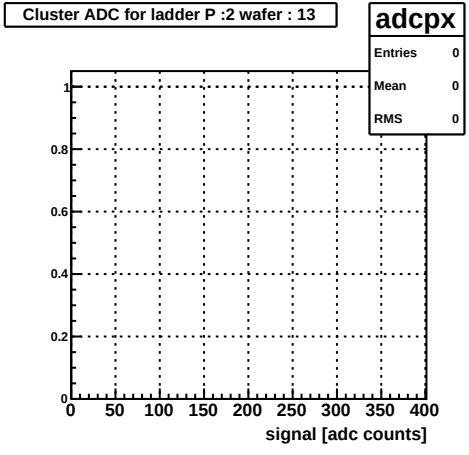

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

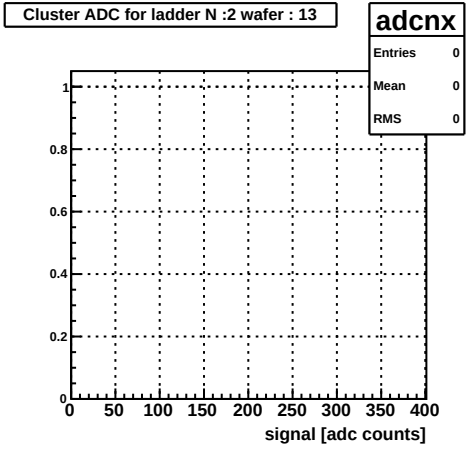

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

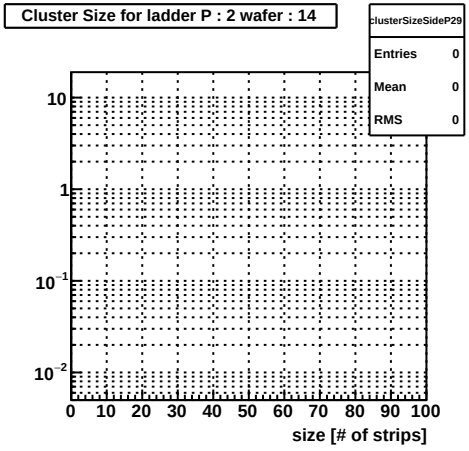

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

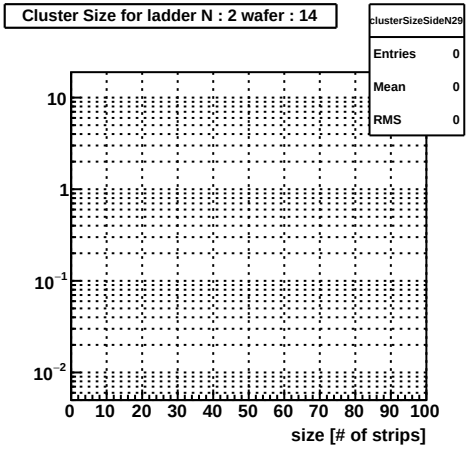

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

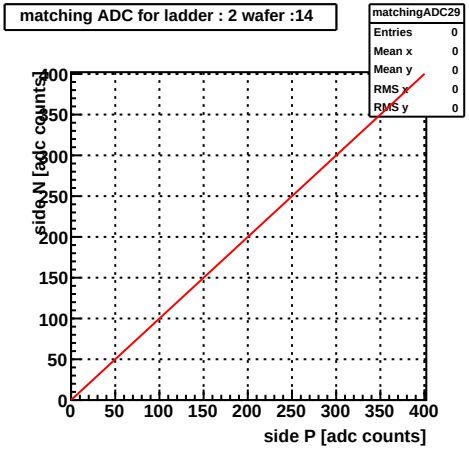

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

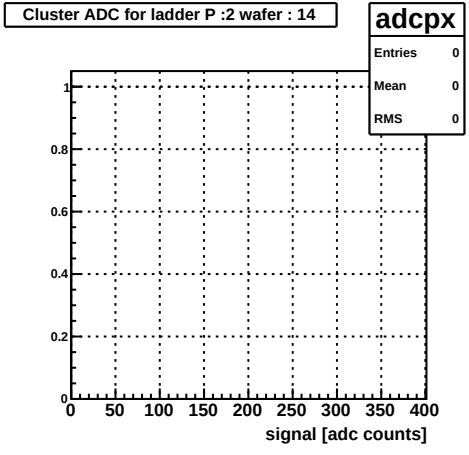

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

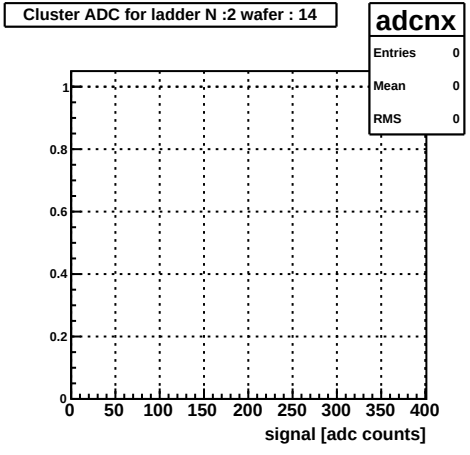

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

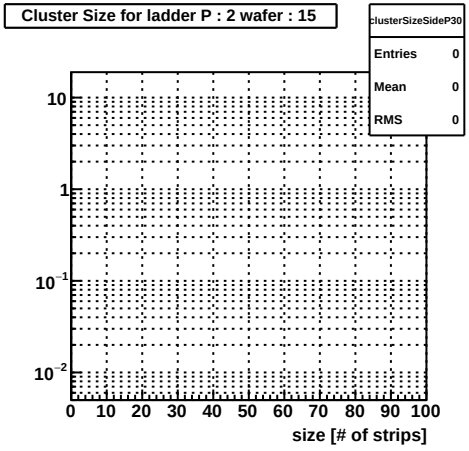

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

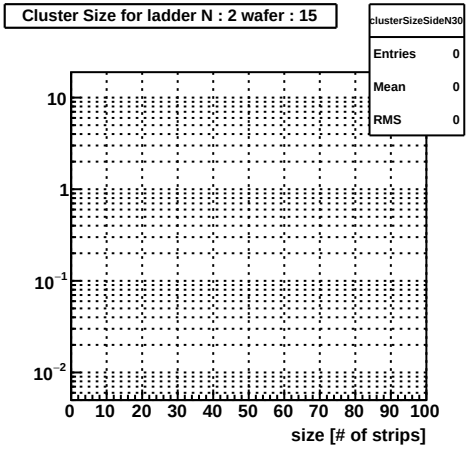

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

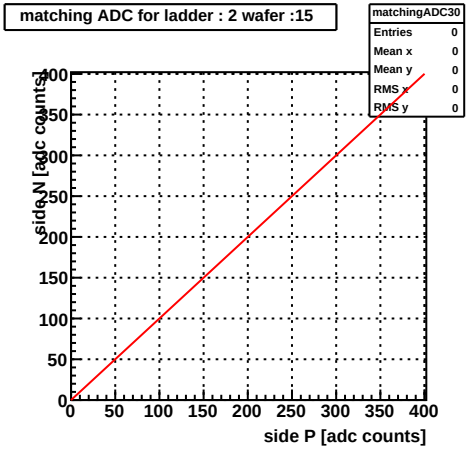

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

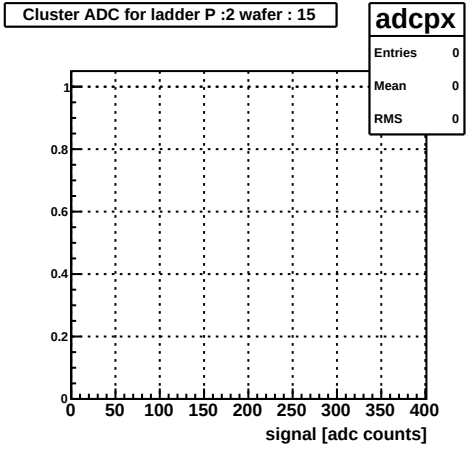

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

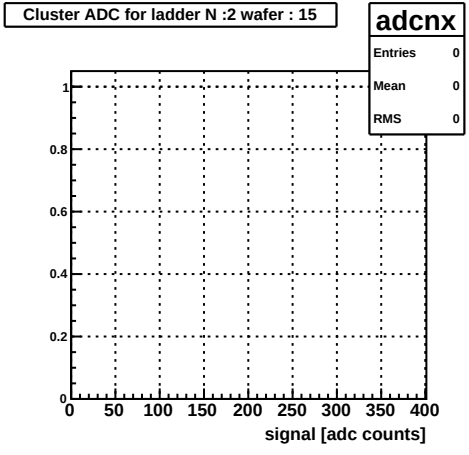

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

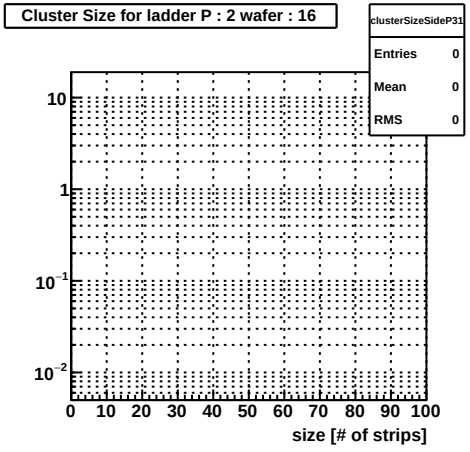

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

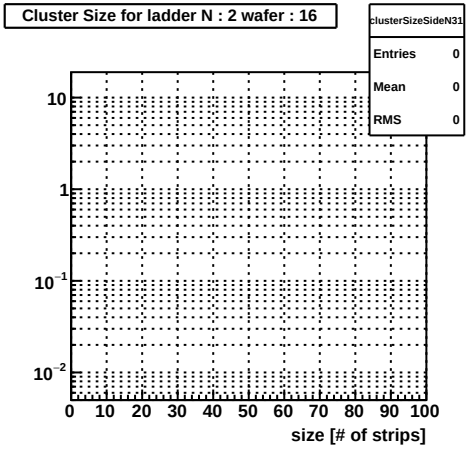

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

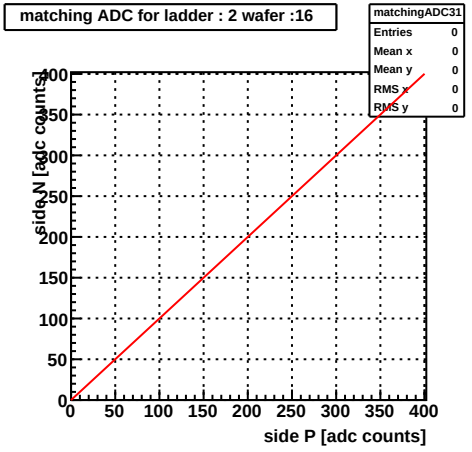

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

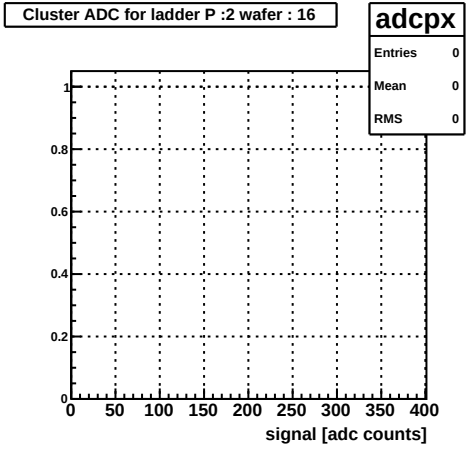

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

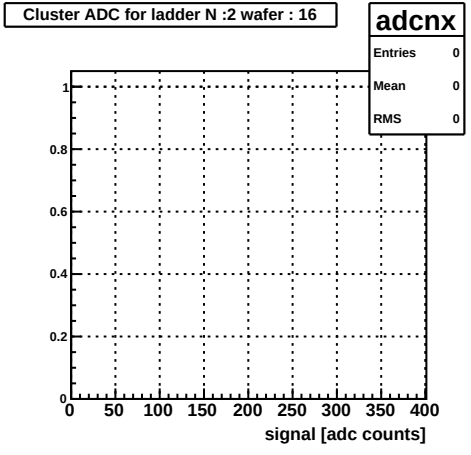

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

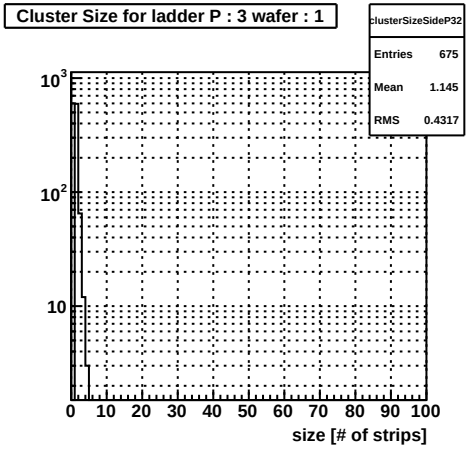

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

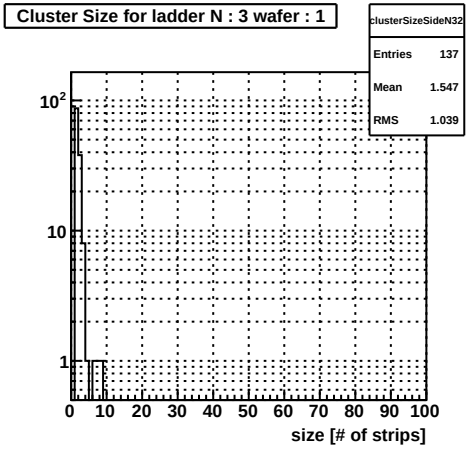

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

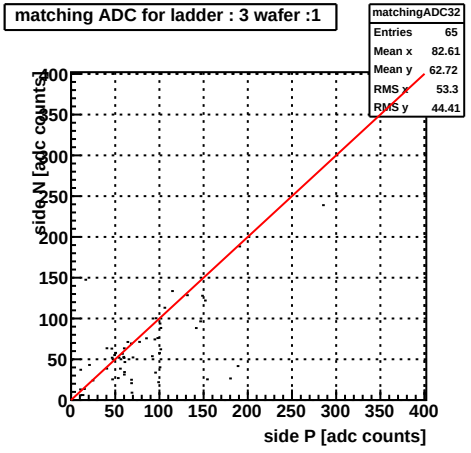

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

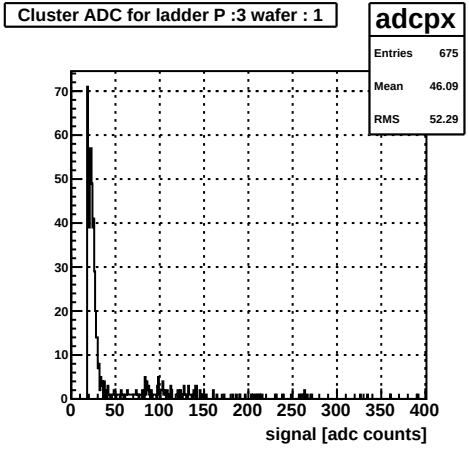

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

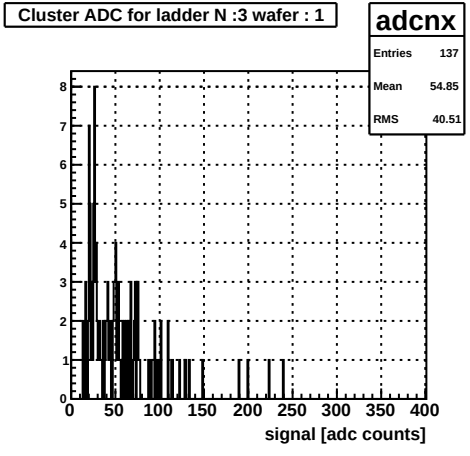

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

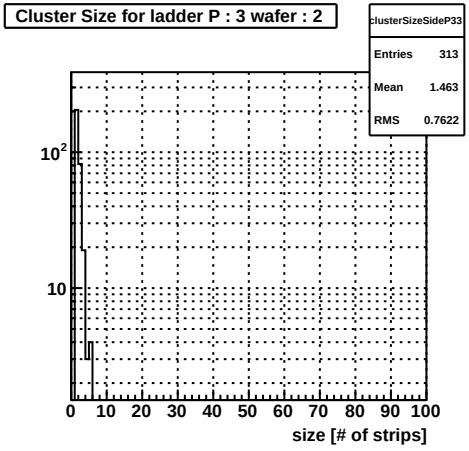

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 675
Mean 1.145
RMS 0.4317
size [# of strips]

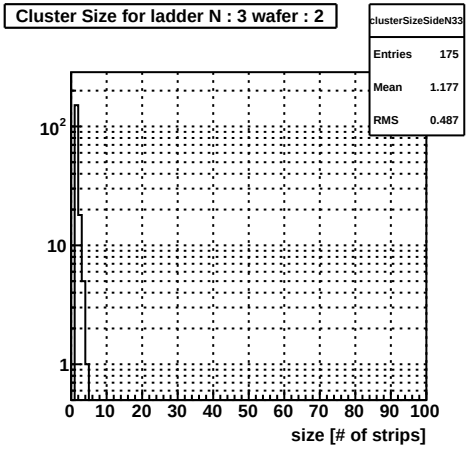

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 137
Mean 1.547
RMS 1.039
size [# of strips]

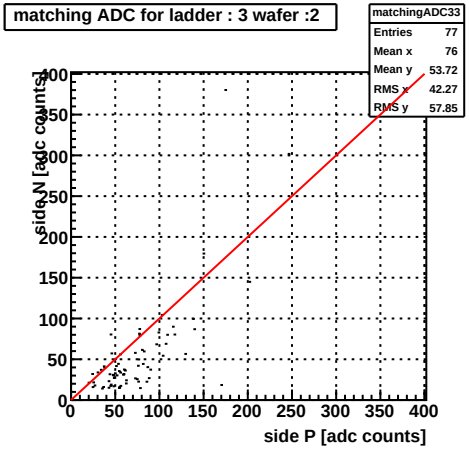

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 65
Mean x 82.61
Mean y 62.72
RMS x 53.3
RMS y 44.41
side N [adc counts]
side P [adc counts]

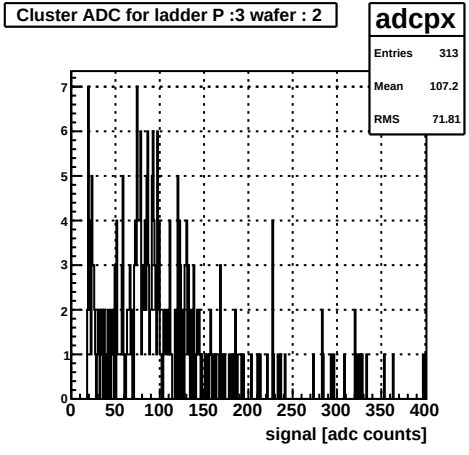

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 675
Mean 46.09
RMS 52.29
signal [adc counts]

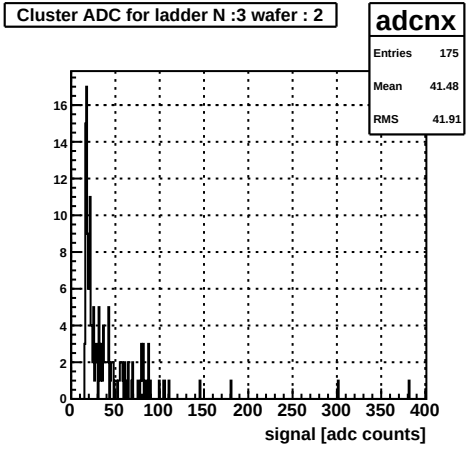

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 137
Mean 54.85
RMS 40.51
signal [adc counts]

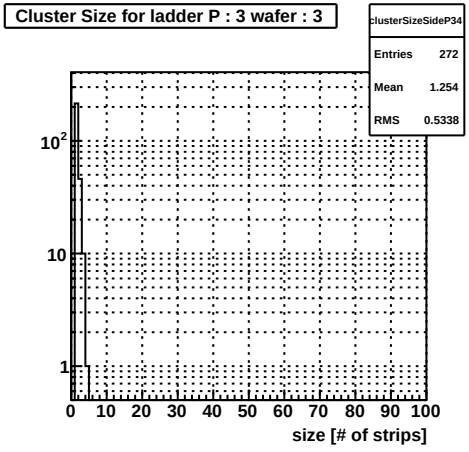

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 313
Mean 1.463
RMS 0.7622
size [# of strips]

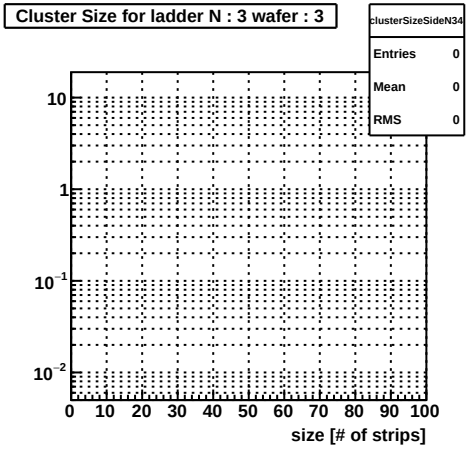

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 175
Mean 1.177
RMS 0.487
size [# of strips]

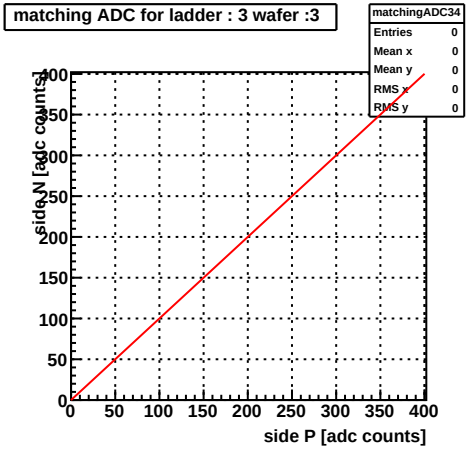

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 77
Mean x 76
Mean y 53.72
RMS x 42.27
RMS y 57.85
side N [adc counts]
side P [adc counts]

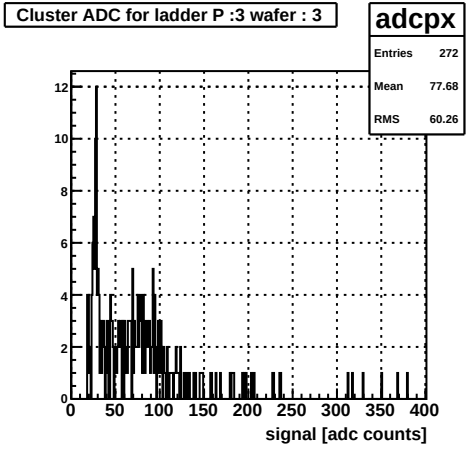

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 313
Mean 107.2
RMS 71.81
signal [adc counts]

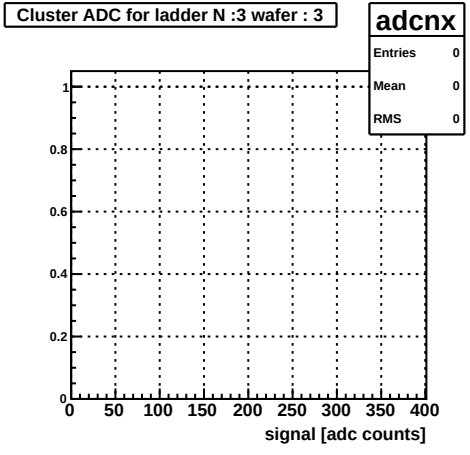

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 175
Mean 41.48
RMS 41.91
signal [adc counts]

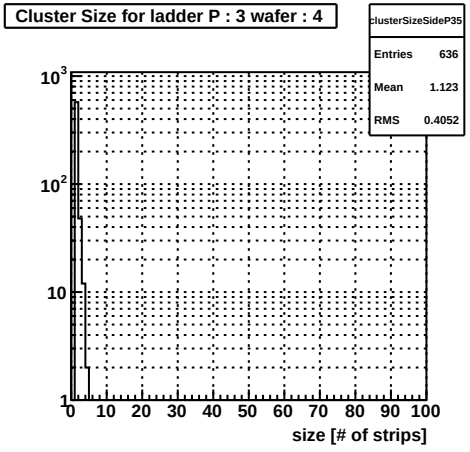

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 272
Mean 1.254
RMS 0.5338
size [# of strips]

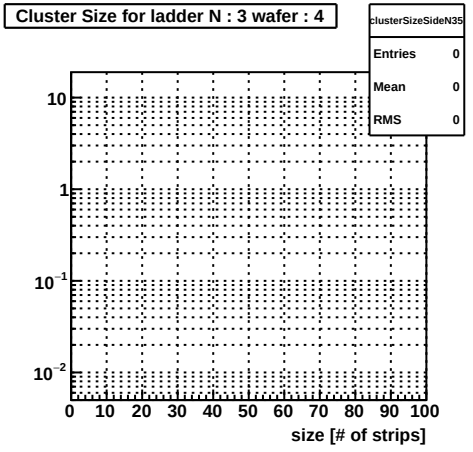

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

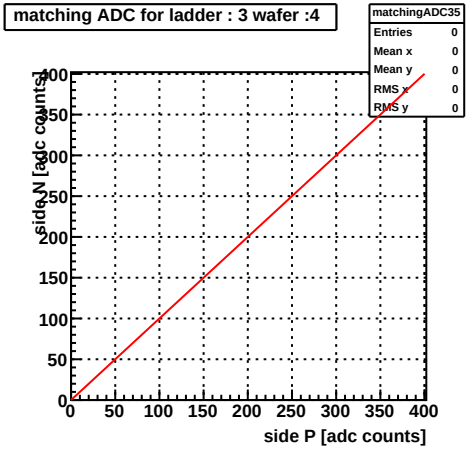

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

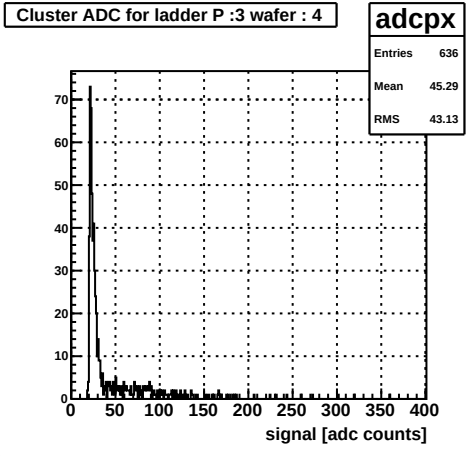

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 272
Mean 77.68
RMS 60.26
signal [adc counts]

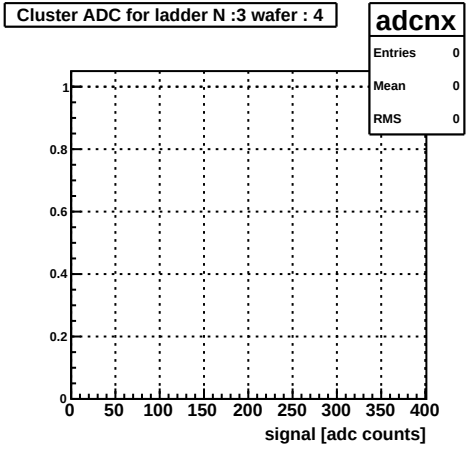

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

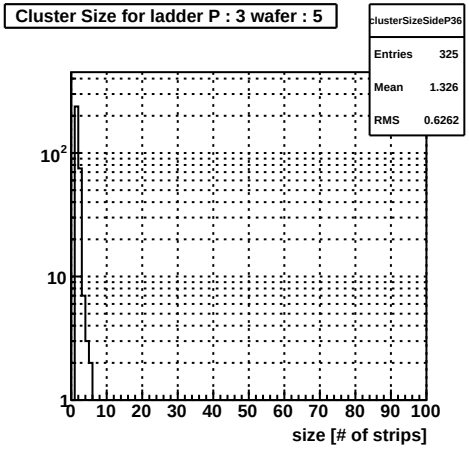

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 636
Mean 1.123
RMS 0.4052
size [# of strips]

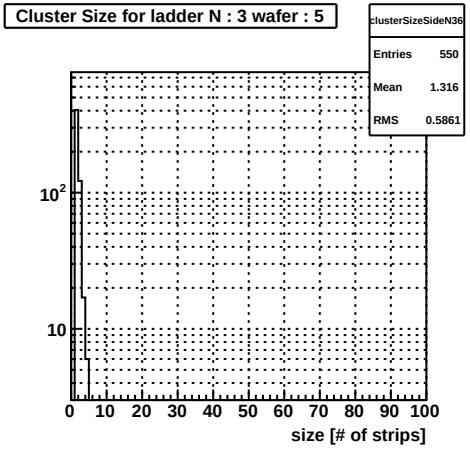

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

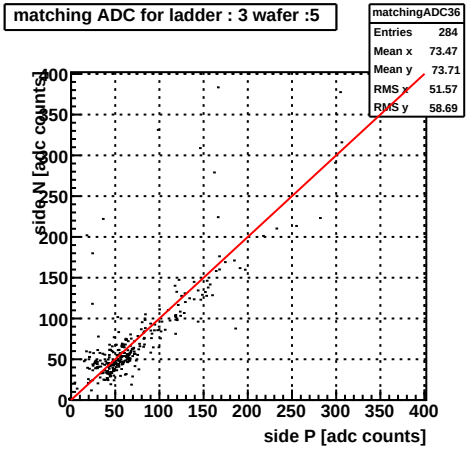

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

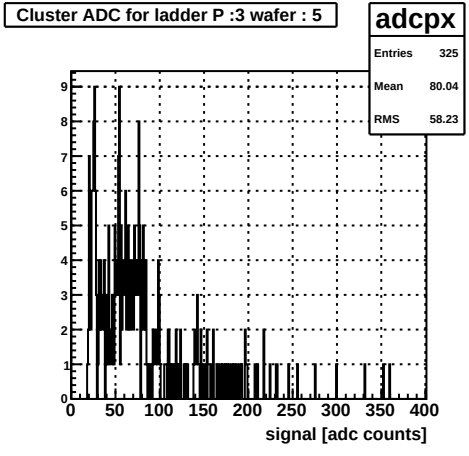

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 636
Mean 45.29
RMS 43.13
signal [adc counts]

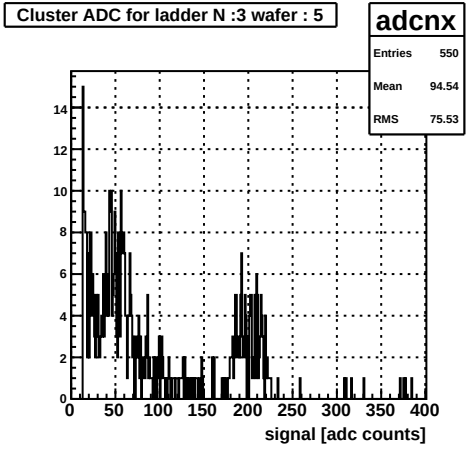

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

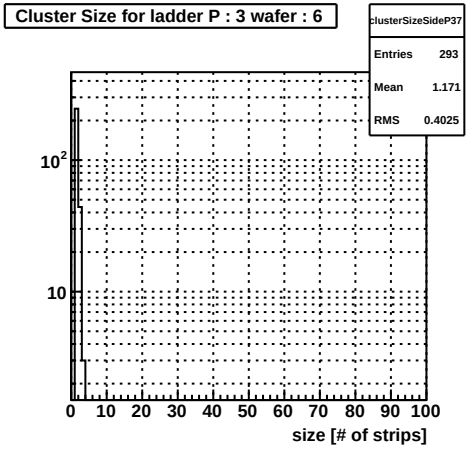

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 325
Mean 1.326
RMS 0.6262
size [# of strips]

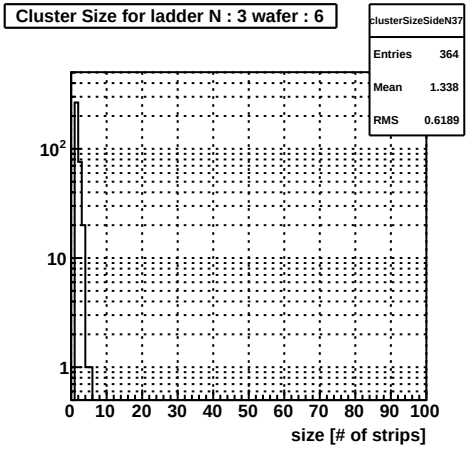

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 550
Mean 1.316
RMS 0.5861
size [# of strips]

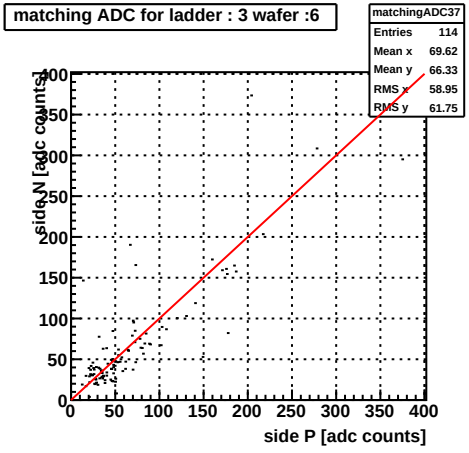

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 284
Mean x 73.47
Mean y 73.71
RMS x 51.57
RMS y 58.69
side N [adc counts]
side P [adc counts]

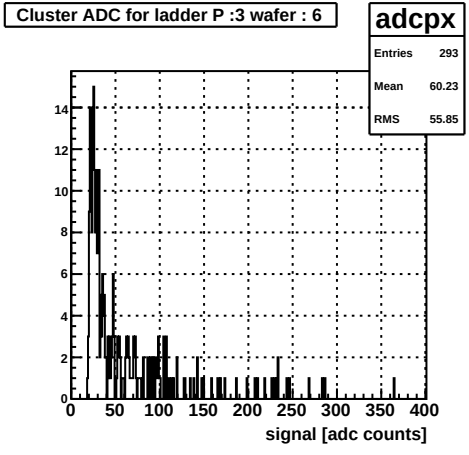

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 325
Mean 80.04
RMS 58.23
signal [adc counts]

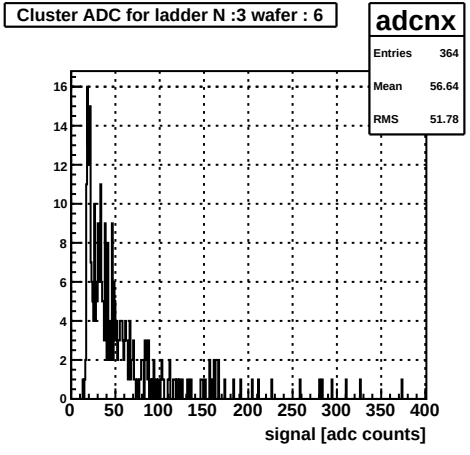

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 550
Mean 94.54
RMS 75.53
signal [adc counts]

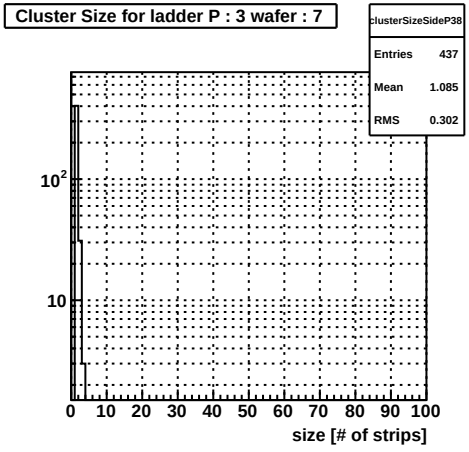

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 293
Mean 1.171
RMS 0.4025
size [# of strips]

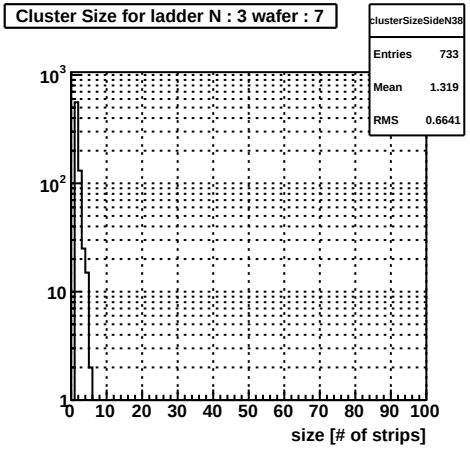

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 364
Mean 1.338
RMS 0.6189
size [# of strips]

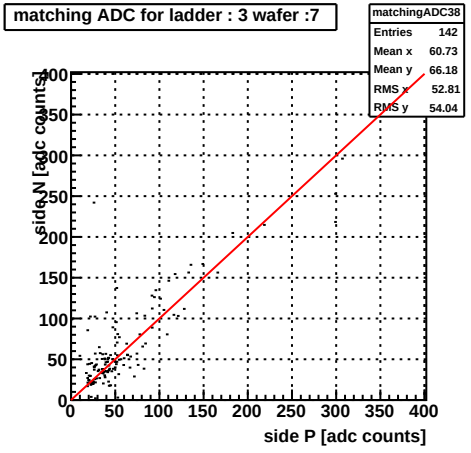

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 114
Mean x 69.62
Mean y 66.33
RMS x 58.95
RMS y 61.75
side N [adc counts]
side P [adc counts]

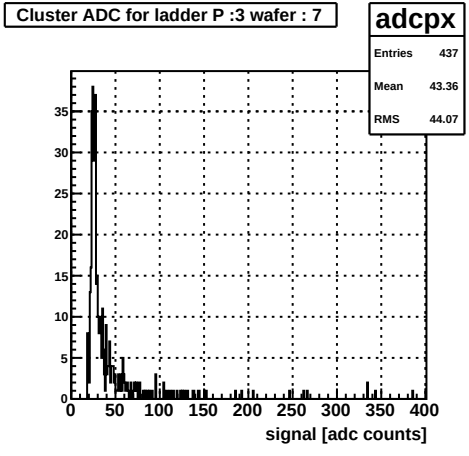

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 293
Mean 60.23
RMS 55.85
signal [adc counts]

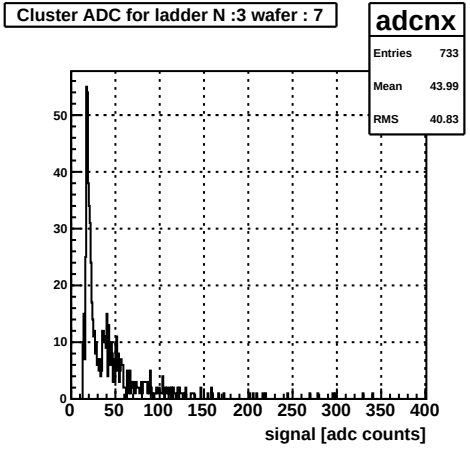

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 364
Mean 56.64
RMS 51.78
signal [adc counts]

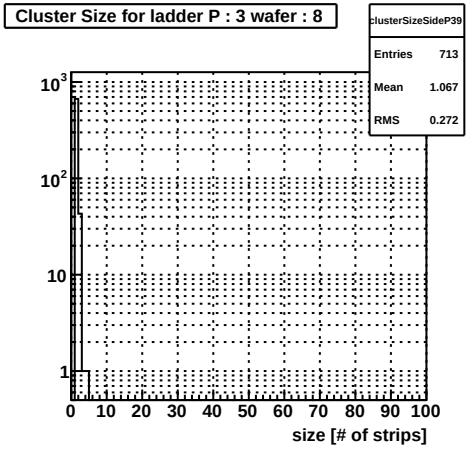

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 437
Mean 1.085
RMS 0.302
size [# of strips]

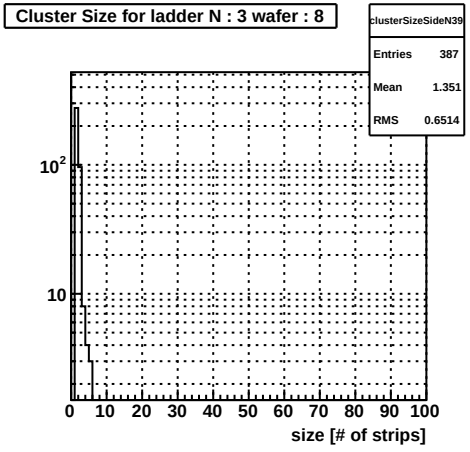

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 733
Mean 1.319
RMS 0.6641
size [# of strips]

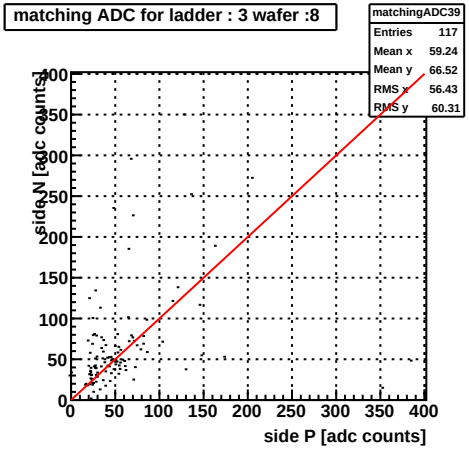

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 142
Mean x 60.73
Mean y 66.18
RMS x 52.81
RMS y 54.04
side N [adc counts]
side P [adc counts]

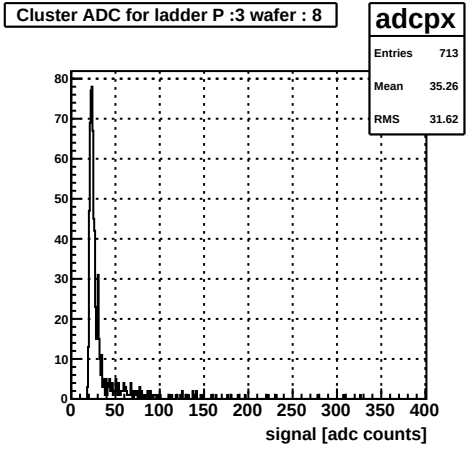

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 437
Mean 43.36
RMS 44.07
signal [adc counts]

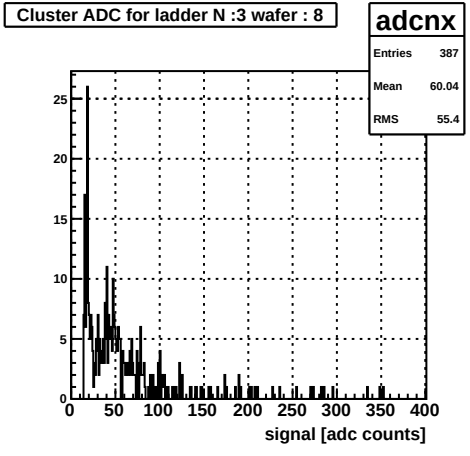

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 733
Mean 43.99
RMS 40.83
signal [adc counts]

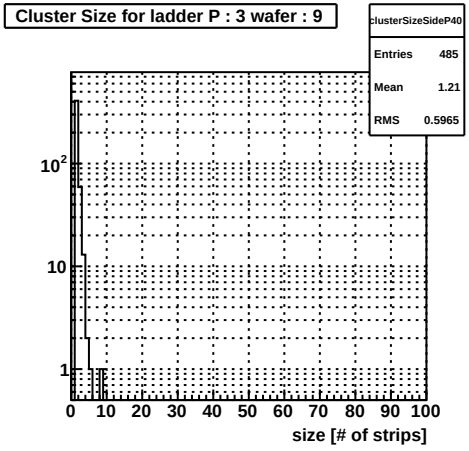

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 713
Mean 1.067
RMS 0.272
size [# of strips]

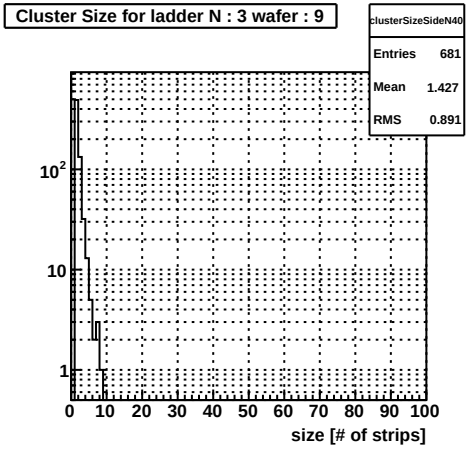

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 387
Mean 1.351
RMS 0.6514
size [# of strips]

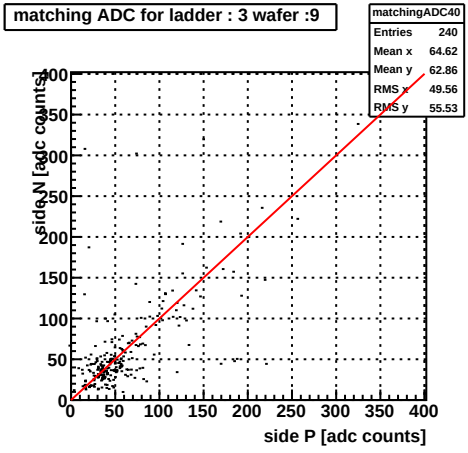

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 117
Mean x 59.24
Mean y 66.52
RMS x 56.43
RMS y 60.31
side N [adc counts]
side P [adc counts]

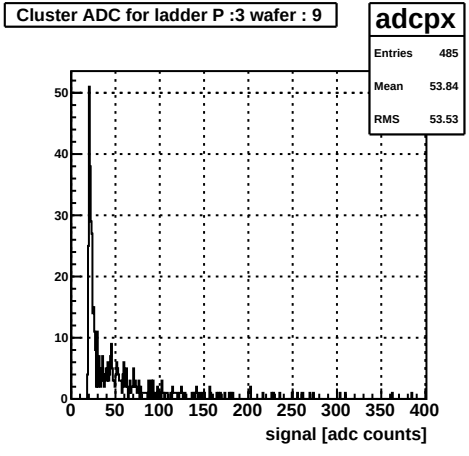

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 713
Mean 35.26
RMS 31.62
signal [adc counts]

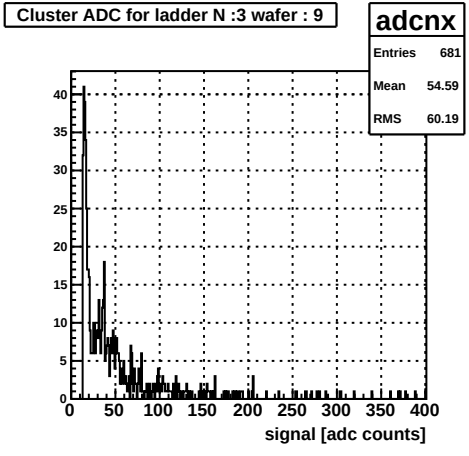

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 387
Mean 60.04
RMS 55.4
signal [adc counts]

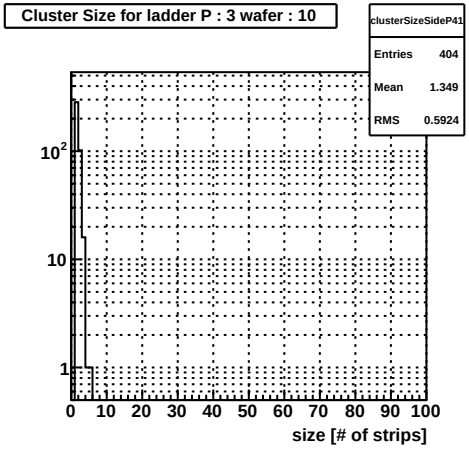

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 485
Mean 1.21
RMS 0.5965
size [# of strips]

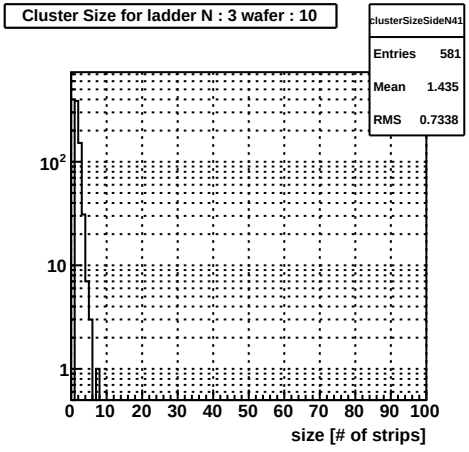

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 681
Mean 1.427
RMS 0.891
size [# of strips]

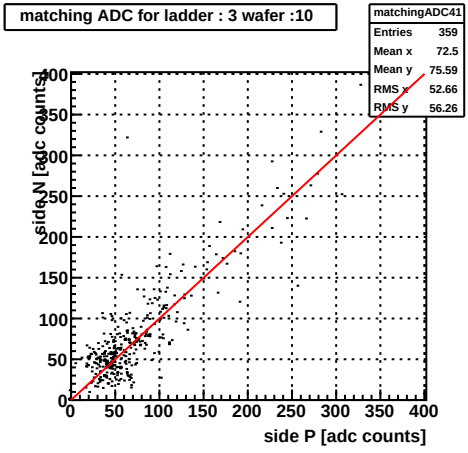

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 240
Mean x 64.62
Mean y 62.86
RMS x 49.56
RMS y 55.53
side N [adc counts]
side P [adc counts]

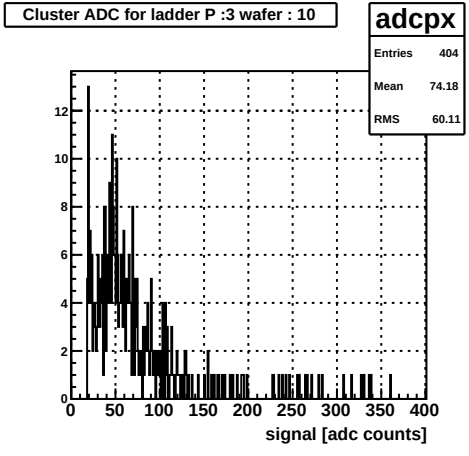

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 485
Mean 53.84
RMS 53.53
signal [adc counts]

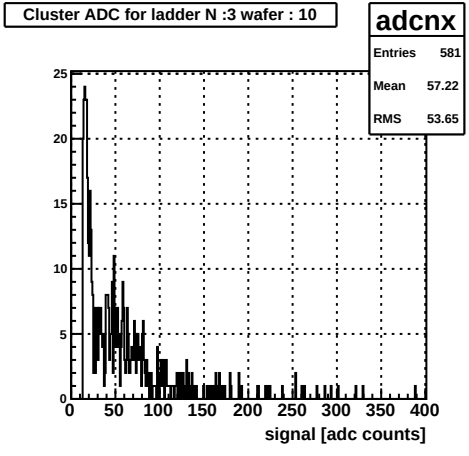

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 681
Mean 54.59
RMS 60.19
signal [adc counts]

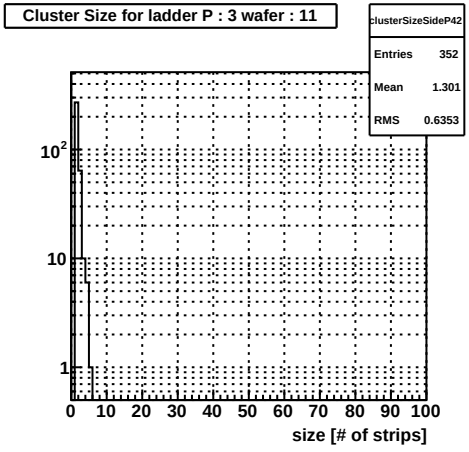

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 404
Mean 1.349
RMS 0.5924
size [# of strips]

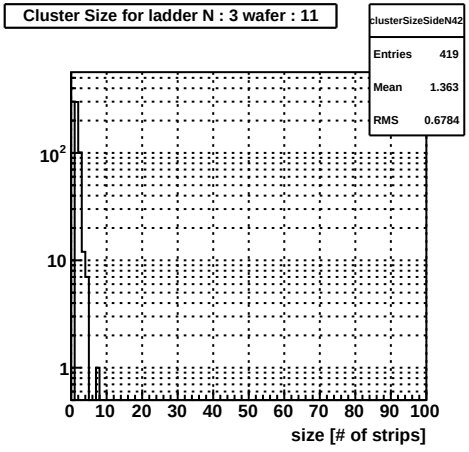

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 581
Mean 1.435
RMS 0.7338
size [# of strips]

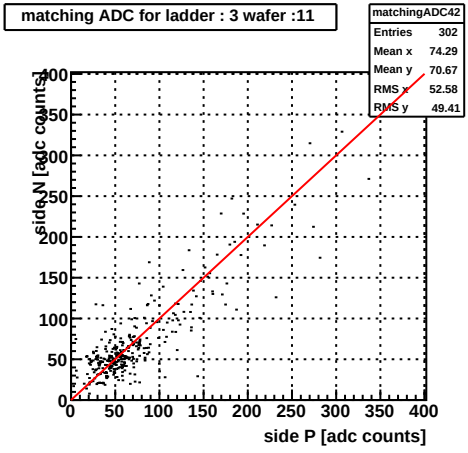

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 359
Mean x 72.5
Mean y 75.59
RMS x 52.66
RMS y 56.26
side N [adc counts]
side P [adc counts]

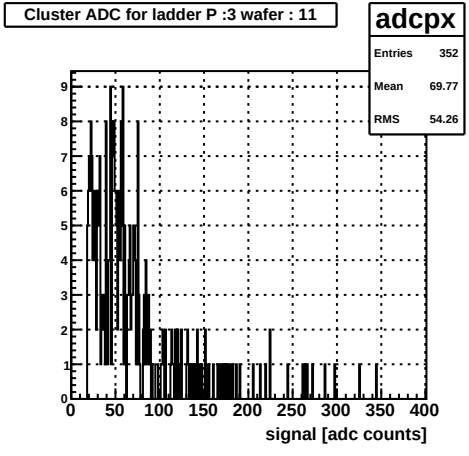

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 404
Mean 74.18
RMS 60.11
signal [adc counts]

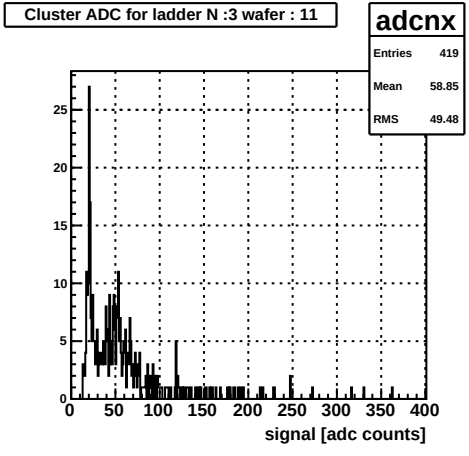

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 581
Mean 57.22
RMS 53.65
signal [adc counts]

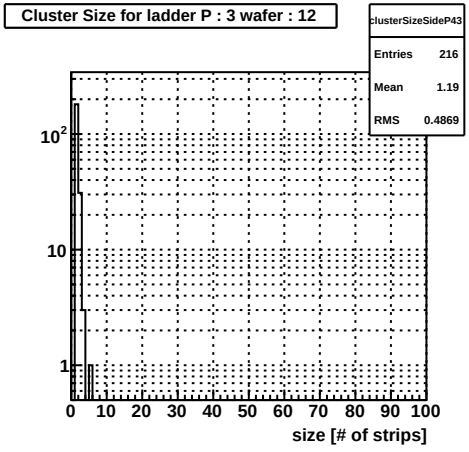

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 352
Mean 1.301
RMS 0.6353
size [# of strips]

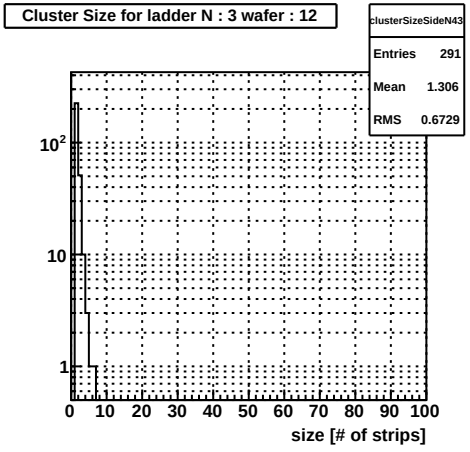

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 419
Mean 1.363
RMS 0.6784
size [# of strips]

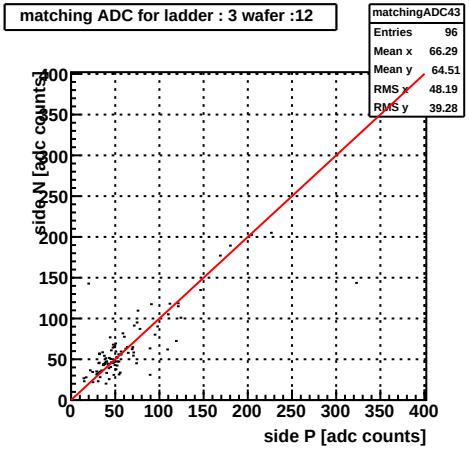

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 302
Mean x 74.29
Mean y 70.67
RMS x 52.58
RMS y 49.41
side N [adc counts]
side P [adc counts]

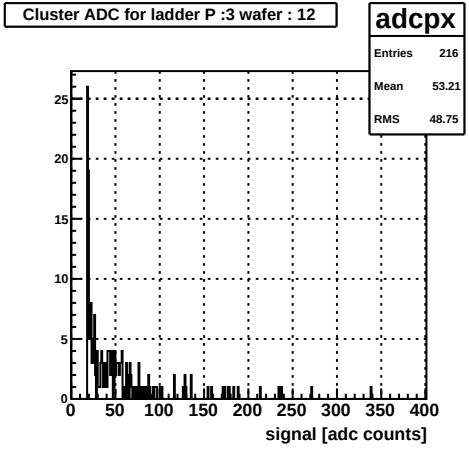

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 352
Mean 69.77
RMS 54.26
signal [adc counts]

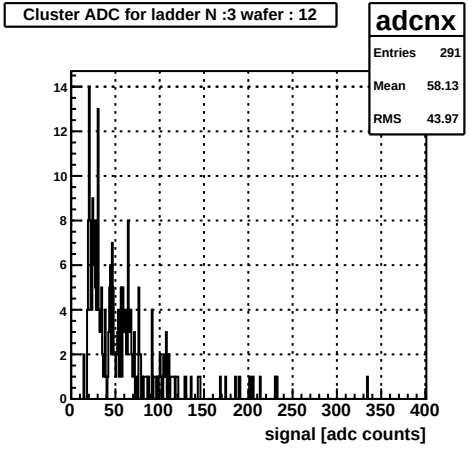

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 419
Mean 58.85
RMS 49.48
signal [adc counts]

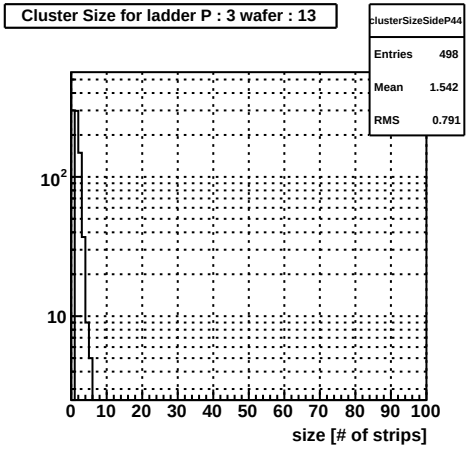

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 216
Mean 1.19
RMS 0.4869
size [# of strips]

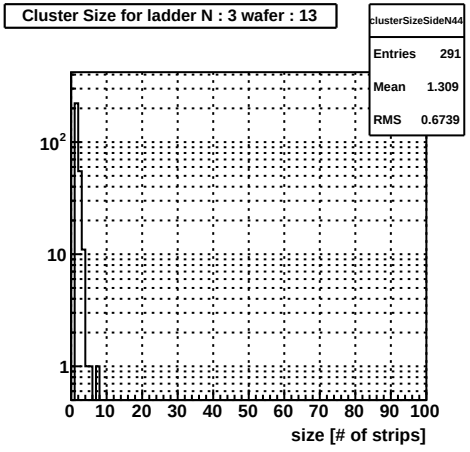

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 291
Mean 1.306
RMS 0.6729
size [# of strips]

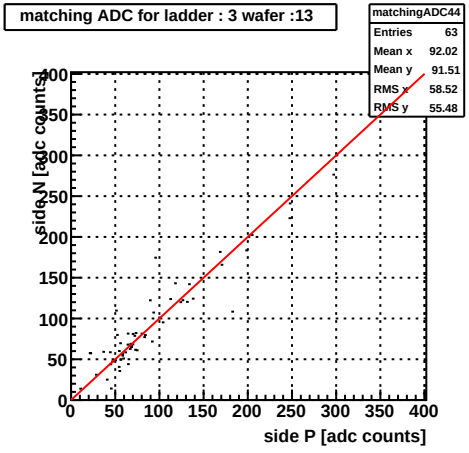

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 96
Mean x 66.29
Mean y 64.51
RMS x 48.19
RMS y 39.28
side N [adc counts]
side P [adc counts]

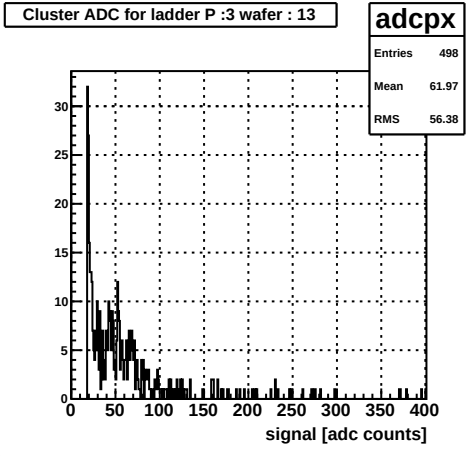

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 216
Mean 53.21
RMS 48.75
signal [adc counts]

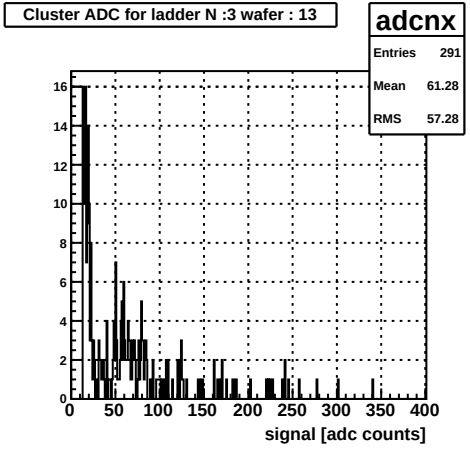

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 291
Mean 58.13
RMS 43.97
signal [adc counts]

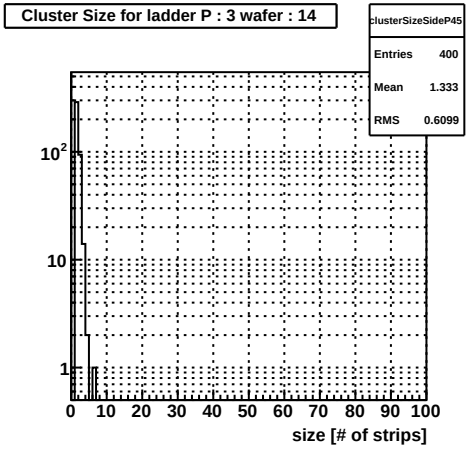

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 498
Mean 1.542
RMS 0.791
size [# of strips]

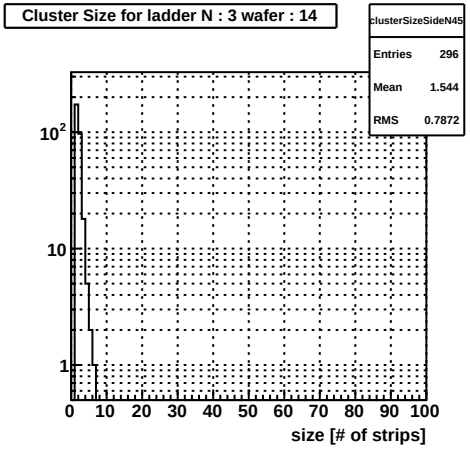

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 291
Mean 1.309
RMS 0.6739
size [# of strips]

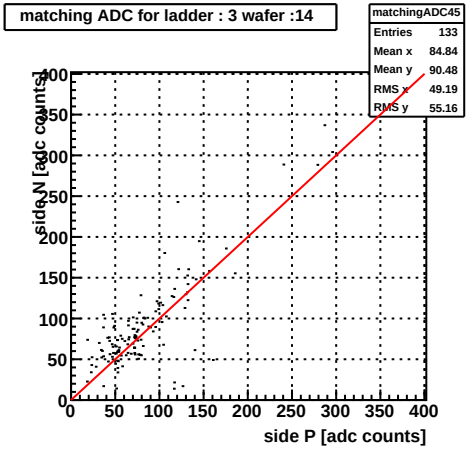

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 63
Mean x 92.02
Mean y 91.51
RMS x 58.52
RMS y 55.48
side N [adc counts]
side P [adc counts]

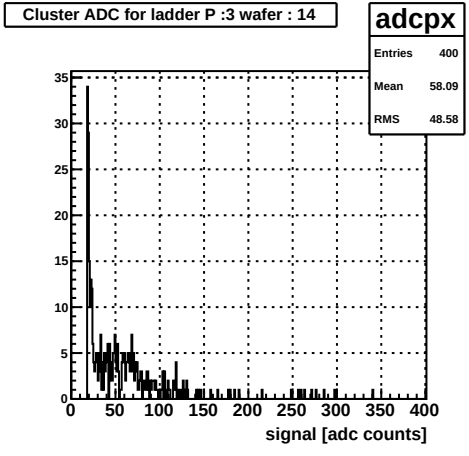

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 498
Mean 61.97
RMS 56.38
signal [adc counts]

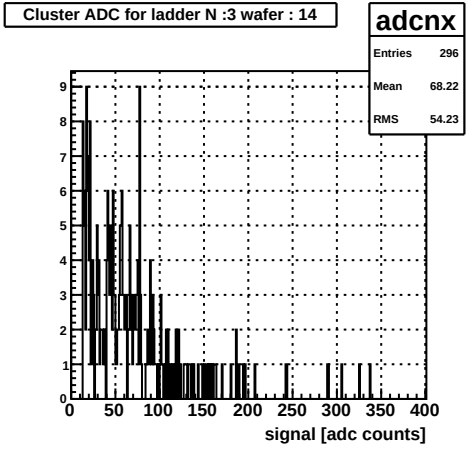

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 291
Mean 61.28
RMS 57.28
signal [adc counts]

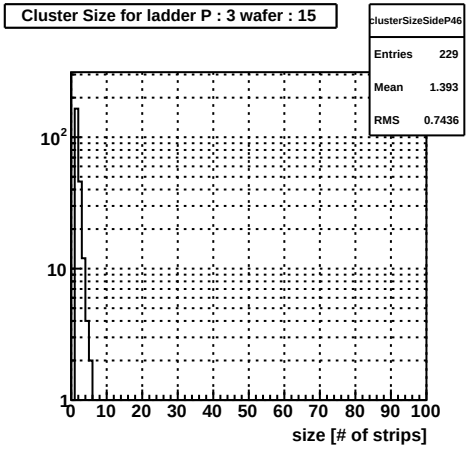

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 400
Mean 1.333
RMS 0.6099
size [# of strips]

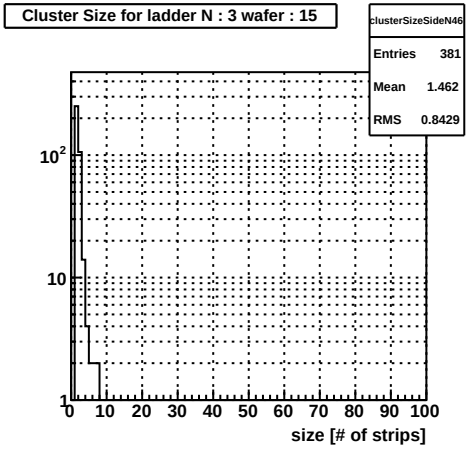

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 296
Mean 1.544
RMS 0.7872
size [# of strips]

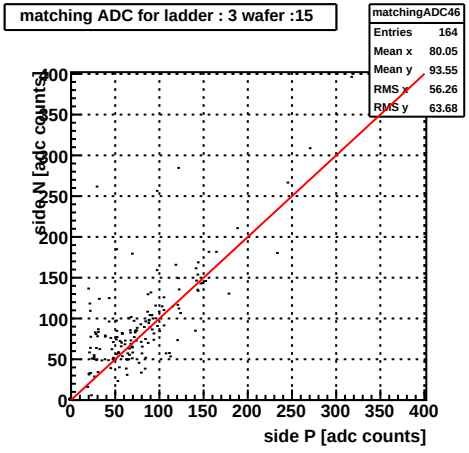

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 133
Mean x 84.84
Mean y 90.48
RMS x 49.19
RMS y 55.16
side N [adc counts]
side P [adc counts]

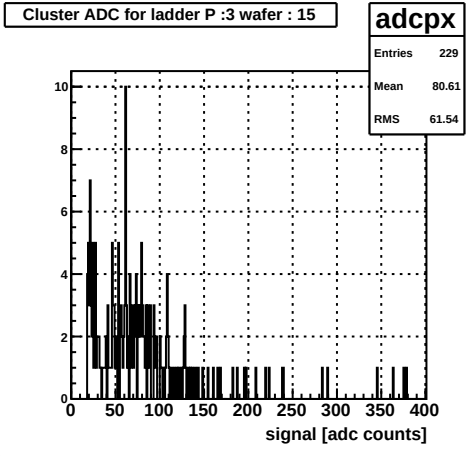

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 400
Mean 58.09
RMS 48.58
signal [adc counts]

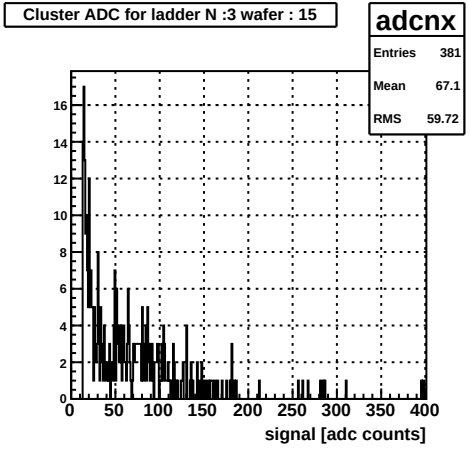

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 296
Mean 68.22
RMS 54.23
signal [adc counts]

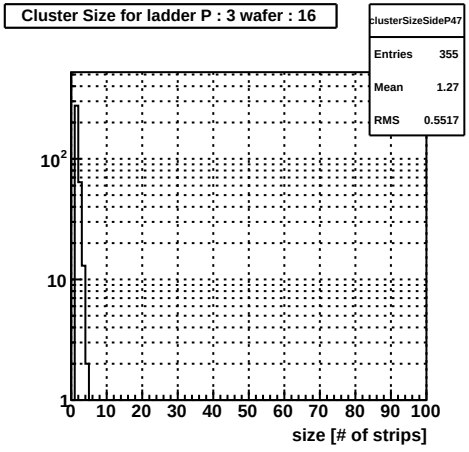

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 229
Mean 1.393
RMS 0.7436
size [# of strips]

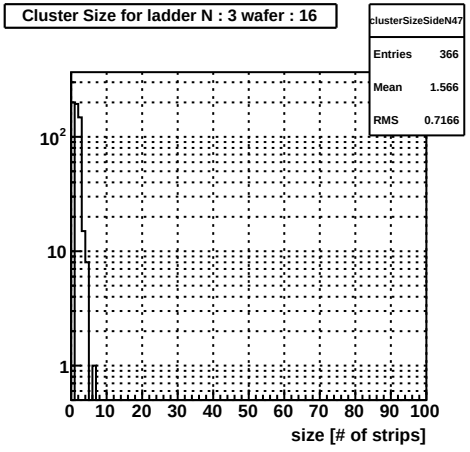

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 381
Mean 1.462
RMS 0.8429
size [# of strips]

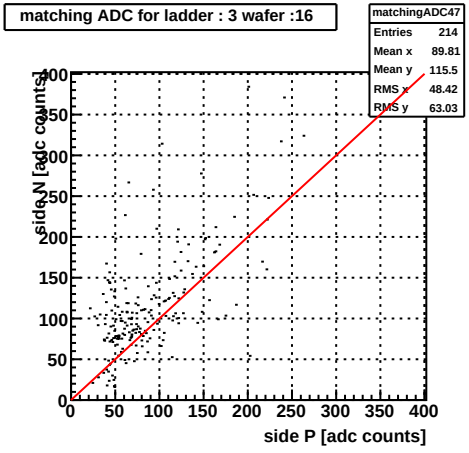

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 164
Mean x 80.05
Mean y 93.55
RMS x 56.26
RMS y 63.68
side N [adc counts]
side P [adc counts]

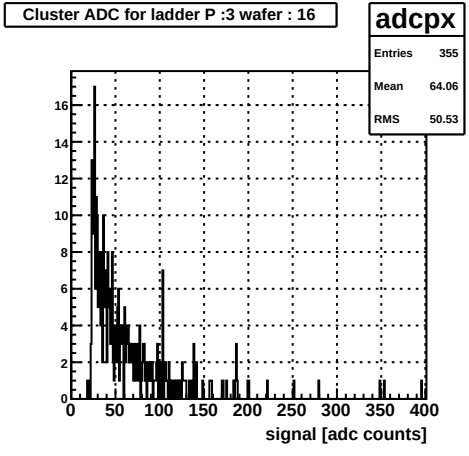

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 229
Mean 80.61
RMS 61.54
signal [adc counts]

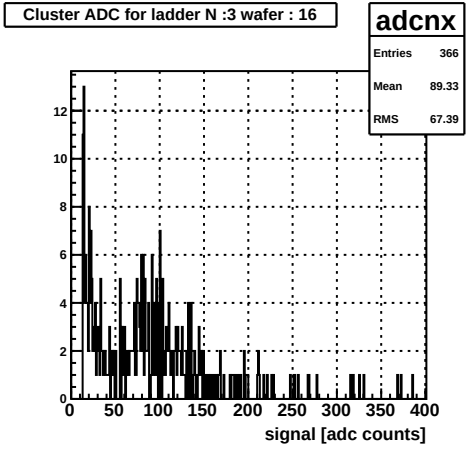

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 381
Mean 67.1
RMS 59.72
signal [adc counts]

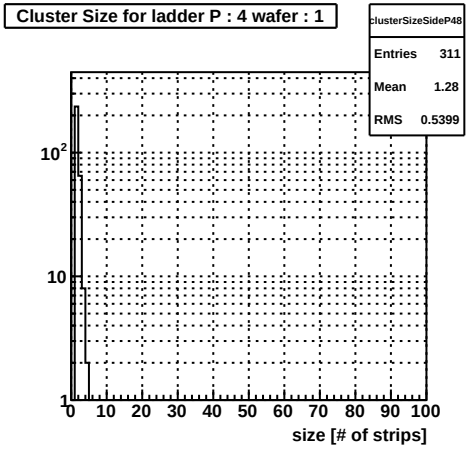

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 355
Mean 1.27
RMS 0.5517
size [# of strips]

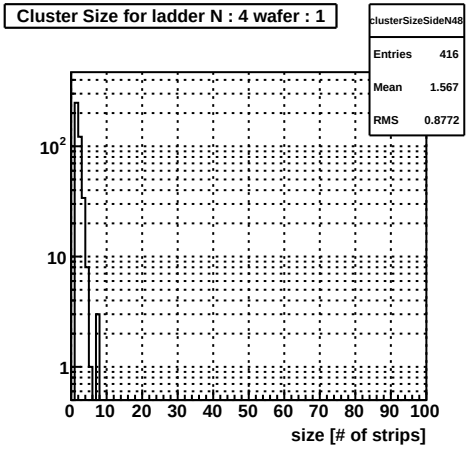

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 366
Mean 1.566
RMS 0.7166
size [# of strips]

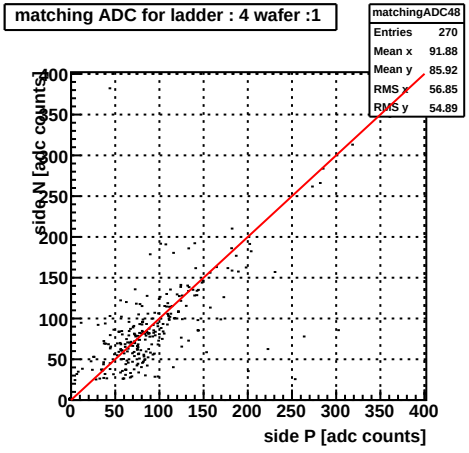

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 214
Mean x 89.81
Mean y 115.5
RMS x 48.42
RMS y 63.03
side N [adc counts]
side P [adc counts]

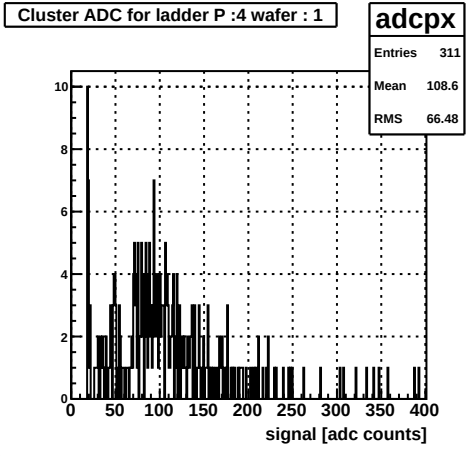

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 355
Mean 64.06
RMS 50.53
signal [adc counts]

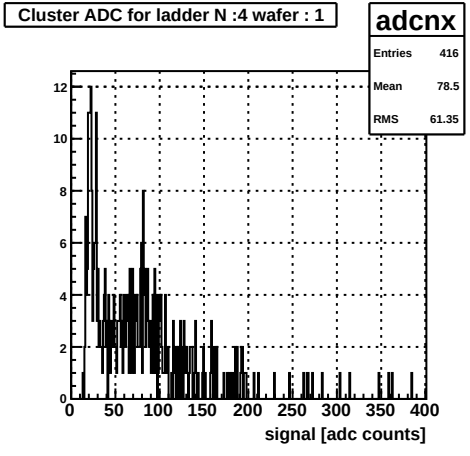

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 366
Mean 89.33
RMS 67.39
signal [adc counts]

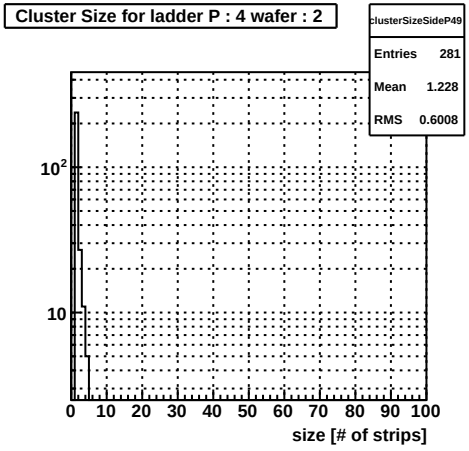

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 311
Mean 1.28
RMS 0.5399
size [# of strips]

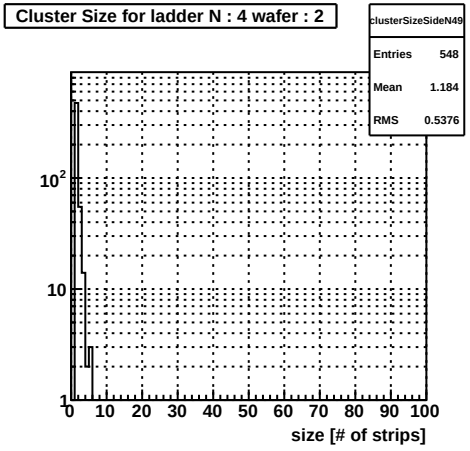

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 416
Mean 1.567
RMS 0.8772
size [# of strips]

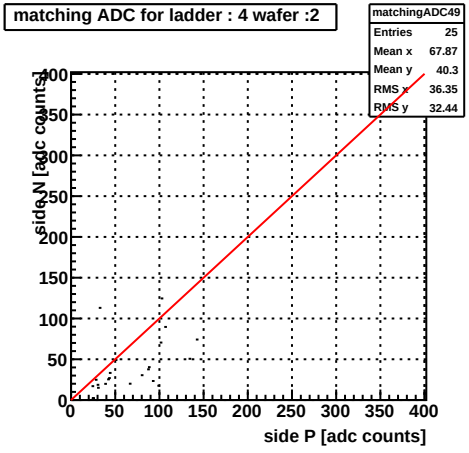

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 270
Mean x 91.88
Mean y 85.92
RMS x 56.85
RMS y 54.89
side N [adc counts]
side P [adc counts]

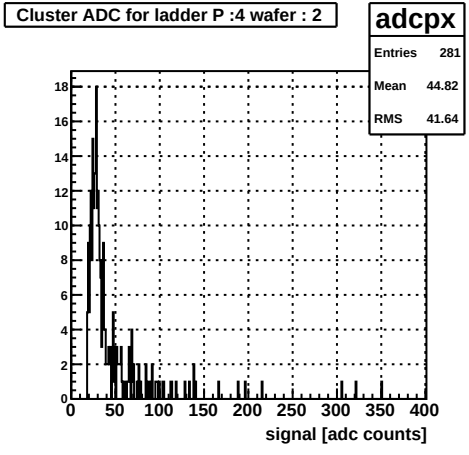

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 311
Mean 108.6
RMS 66.48
signal [adc counts]

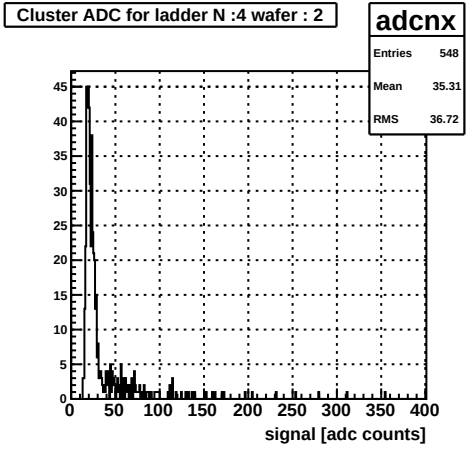

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 416
Mean 78.5
RMS 61.35
signal [adc counts]

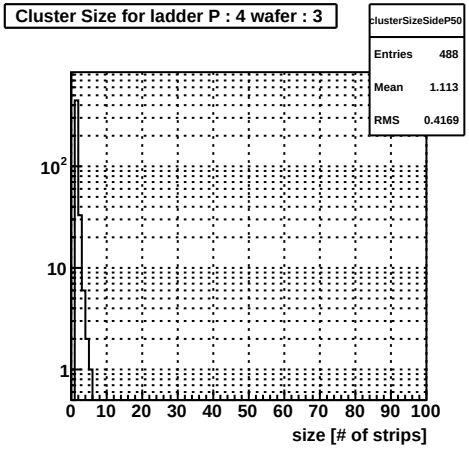

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 281
Mean 1.228
RMS 0.6008
size [# of strips]

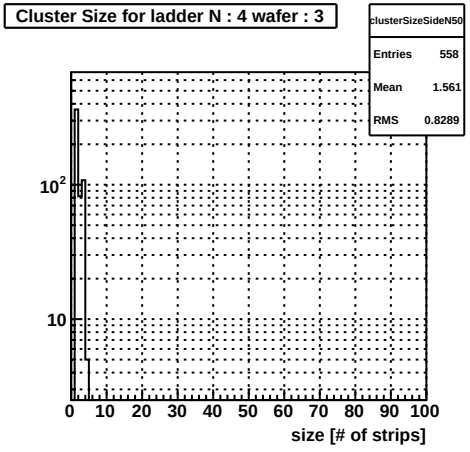

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 548
Mean 1.184
RMS 0.5376
size [# of strips]

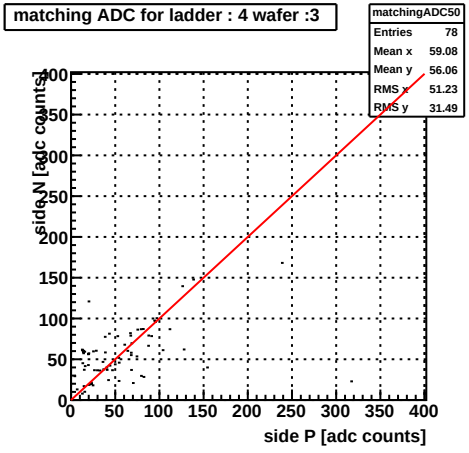

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 25
Mean x 67.87
Mean y 40.3
RMS x 36.35
RMS y 32.44
side N [adc counts]
side P [adc counts]

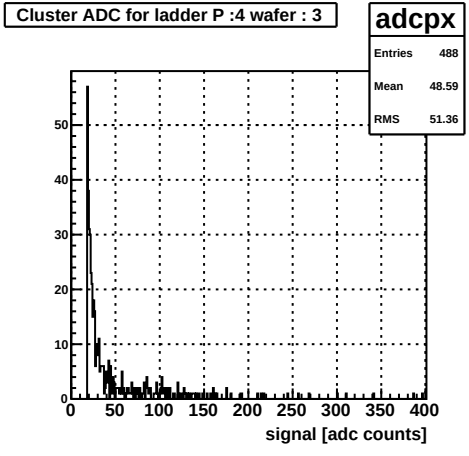

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 281
Mean 44.82
RMS 41.64
signal [adc counts]

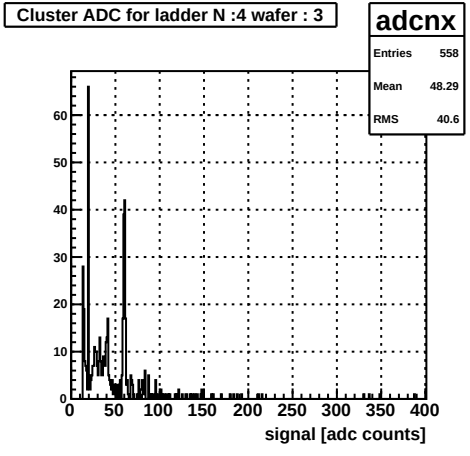

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 548
Mean 35.31
RMS 36.72
signal [adc counts]

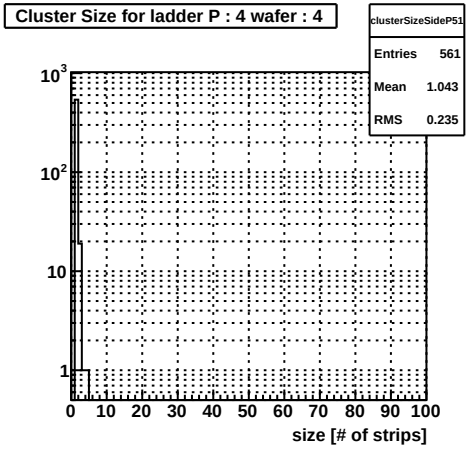

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 488
Mean 1.113
RMS 0.4169
size [# of strips]

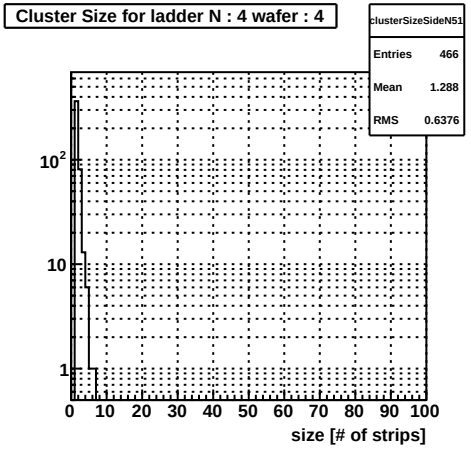

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 558
Mean 1.561
RMS 0.8289
size [# of strips]

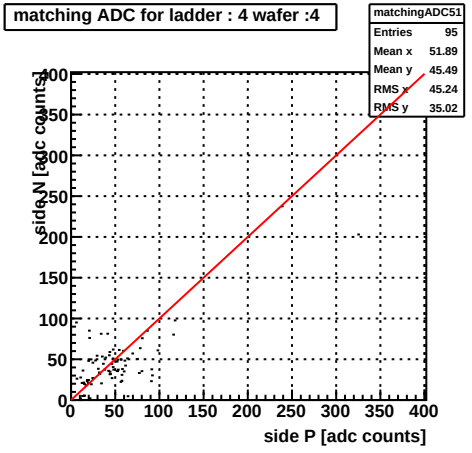

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 78
Mean x 59.08
Mean y 56.06
RMS x 51.23
RMS y 31.49
side N [adc counts]
side P [adc counts]

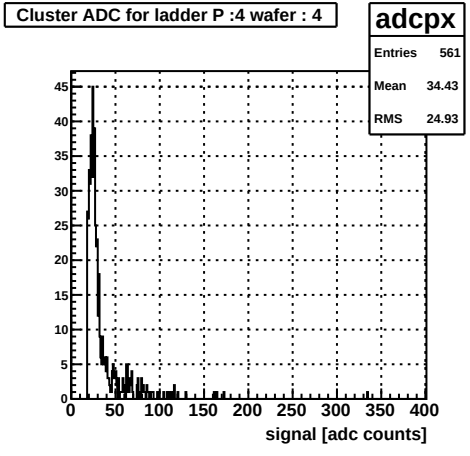

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 488
Mean 48.59
RMS 51.36
signal [adc counts]

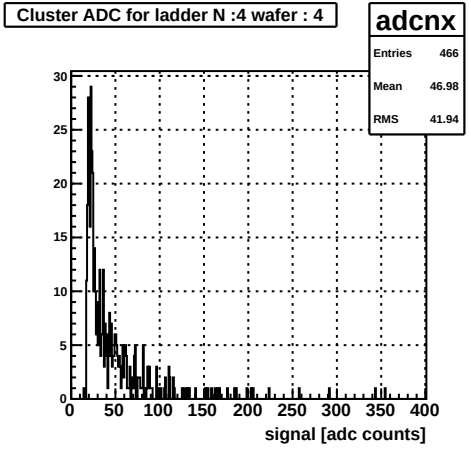

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 558
Mean 48.29
RMS 40.6
signal [adc counts]

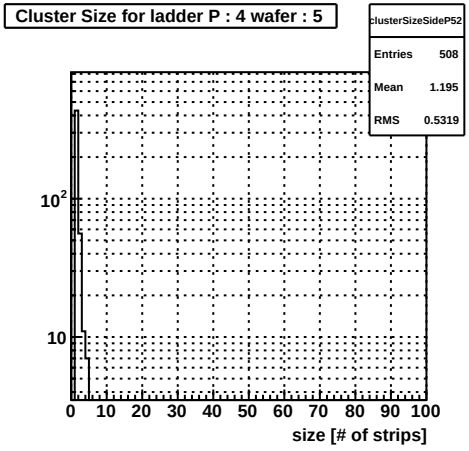

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 561
Mean 1.043
RMS 0.235
size [# of strips]

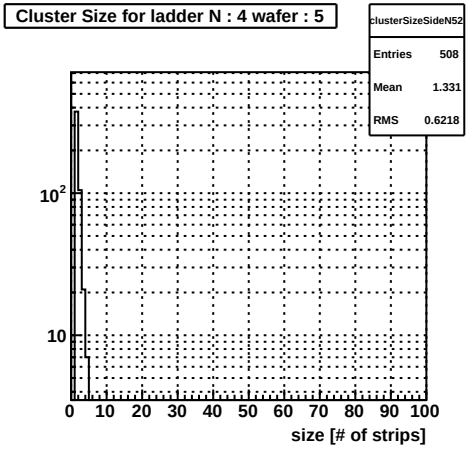

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 466
Mean 1.288
RMS 0.6376
size [# of strips]

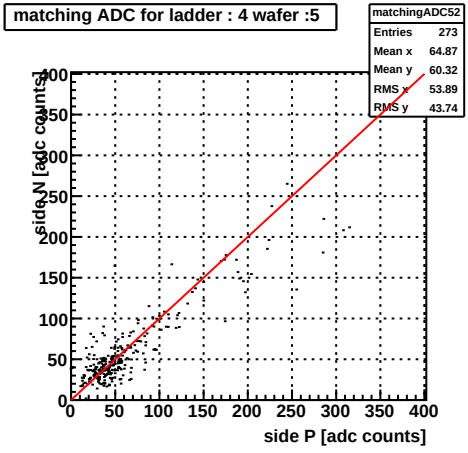

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 95
Mean x 51.89
Mean y 45.49
RMS x 45.24
RMS y 35.02
side N [adc counts]
side P [adc counts]

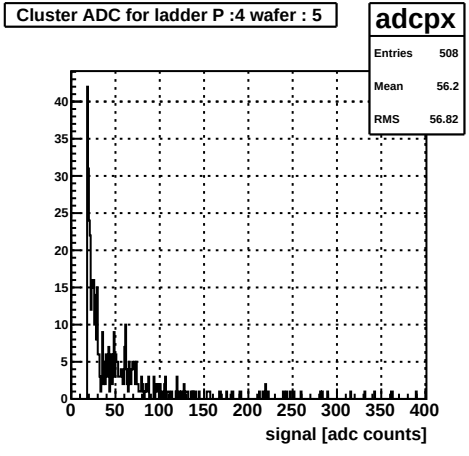

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 561
Mean 34.43
RMS 24.93
signal [adc counts]

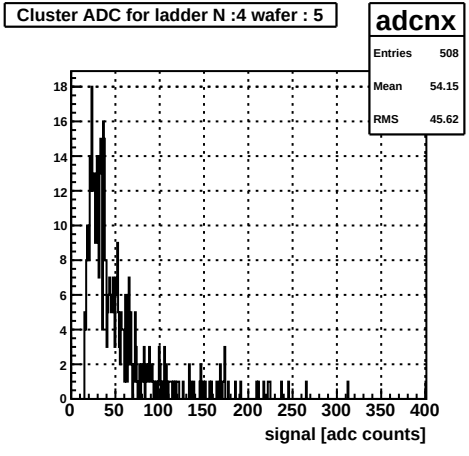

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 466
Mean 46.98
RMS 41.94
signal [adc counts]

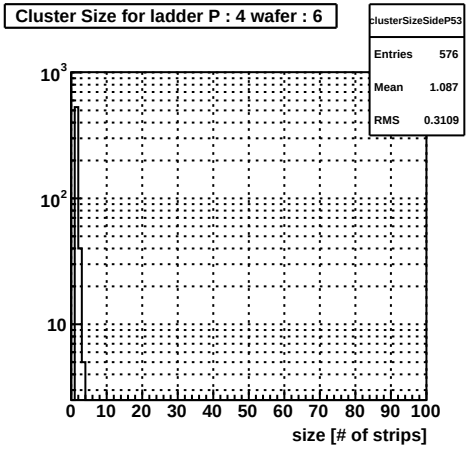

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 508
Mean 1.195
RMS 0.5319
size [# of strips]

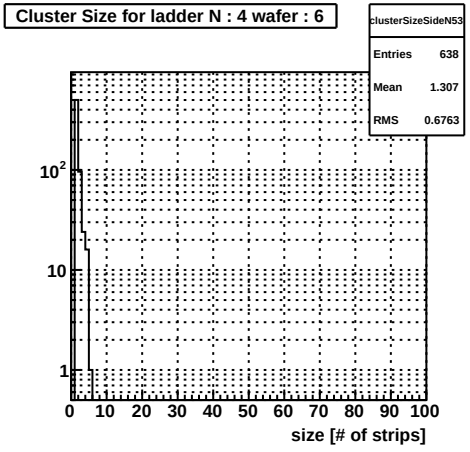

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 508
Mean 1.331
RMS 0.6218
size [# of strips]

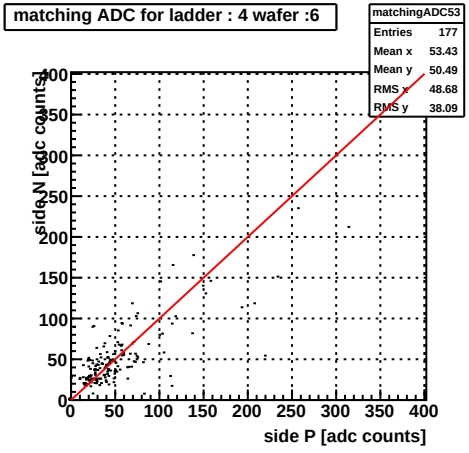

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 273
Mean x 64.87
Mean y 60.32
RMS x 53.89
RMS y 43.74
side N [adc counts]
side P [adc counts]

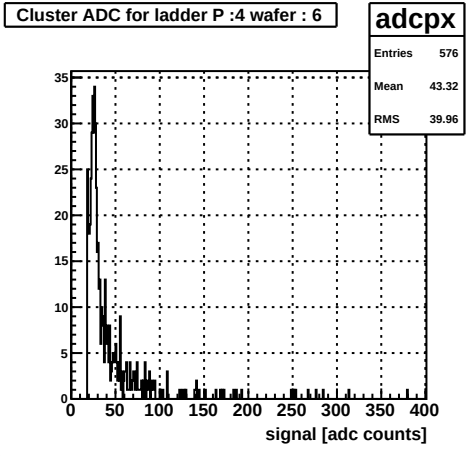

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 508
Mean 56.2
RMS 56.82
signal [adc counts]

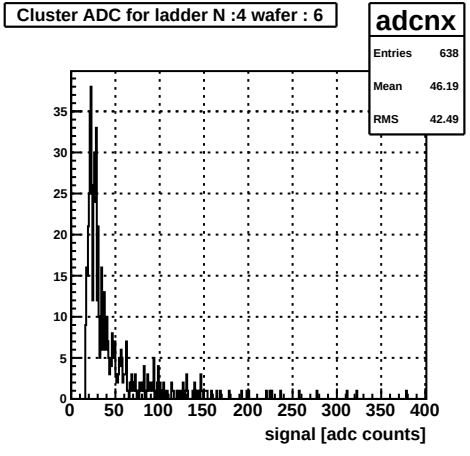

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 508
Mean 54.15
RMS 45.62
signal [adc counts]

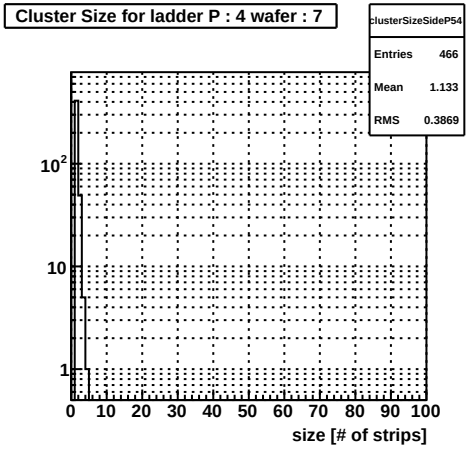

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 576
Mean 1.087
RMS 0.3109
size [# of strips]

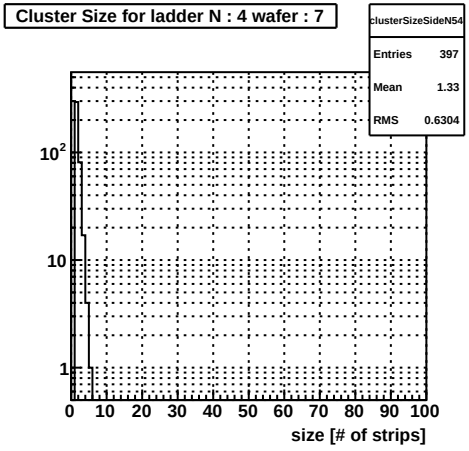

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 638
Mean 1.307
RMS 0.6763
size [# of strips]

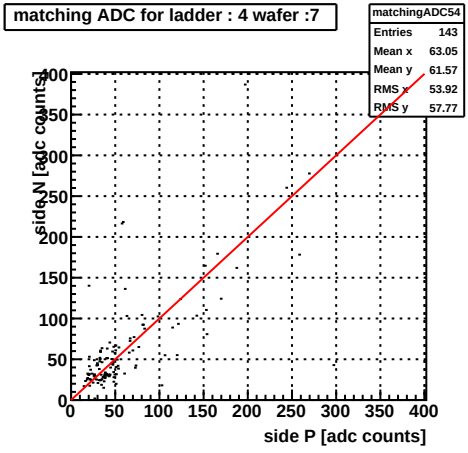

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 177
Mean x 53.43
Mean y 50.49
RMS x 48.68
RMS y 38.09
side N [adc counts]
side P [adc counts]

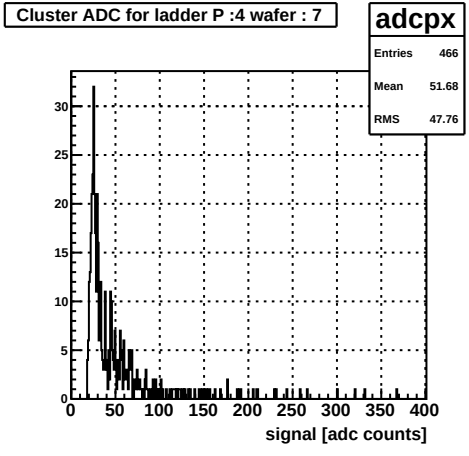

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 576
Mean 43.32
RMS 39.96
signal [adc counts]

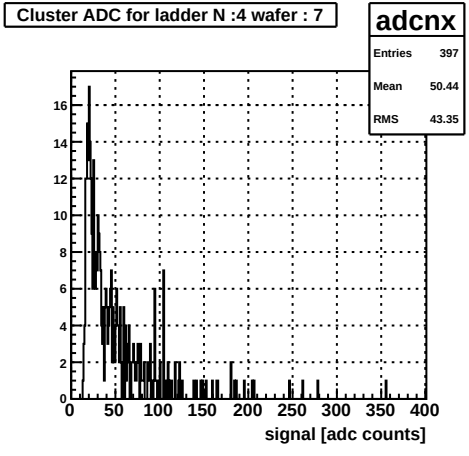

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 638
Mean 46.19
RMS 42.49
signal [adc counts]

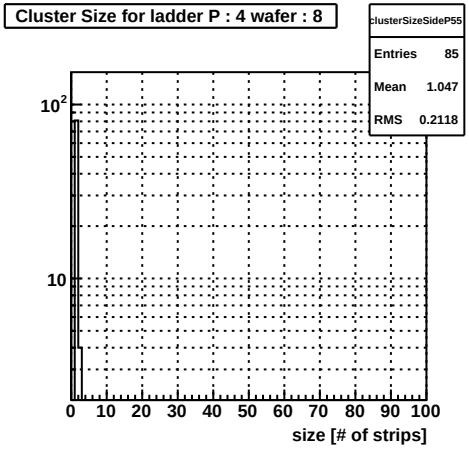

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 466
Mean 1.133
RMS 0.3869
size [# of strips]

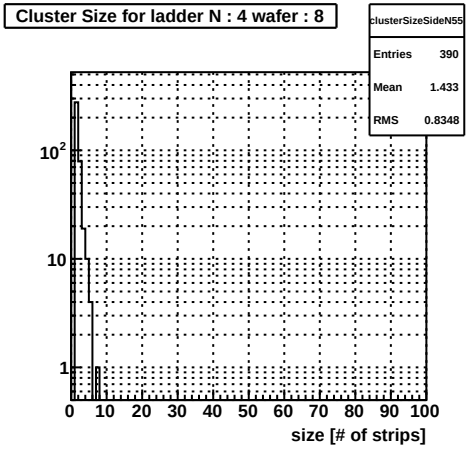

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 397
Mean 1.33
RMS 0.6304
size [# of strips]

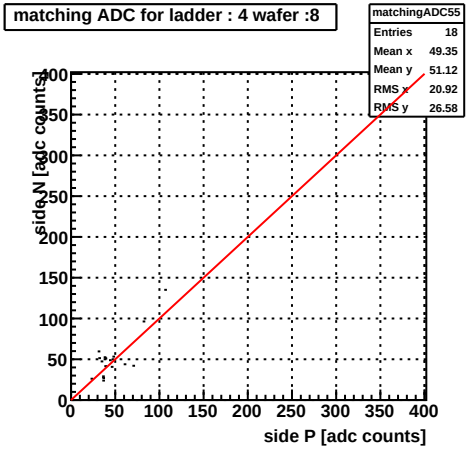

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 143
Mean x 63.05
Mean y 61.57
RMS x 53.92
RMS y 57.77
side N [adc counts]
side P [adc counts]

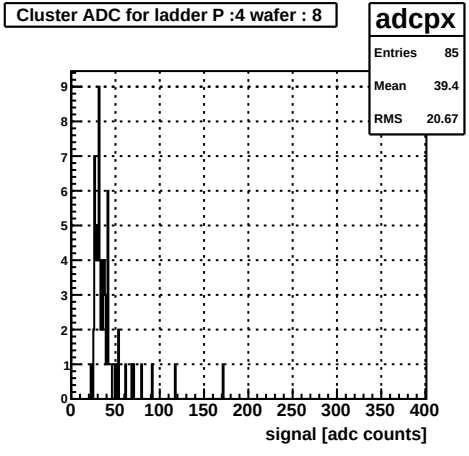

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 466
Mean 51.68
RMS 47.76
signal [adc counts]

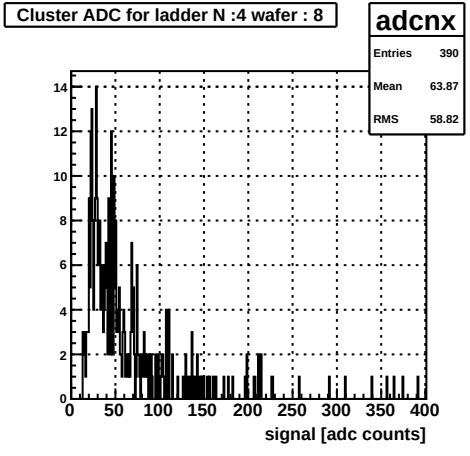

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 397
Mean 50.44
RMS 43.35
signal [adc counts]

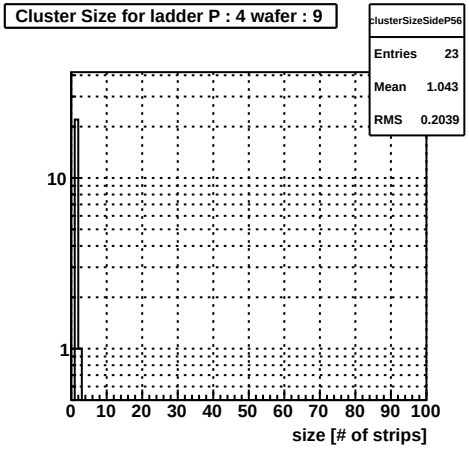

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 85
Mean 1.047
RMS 0.2118
size [# of strips]

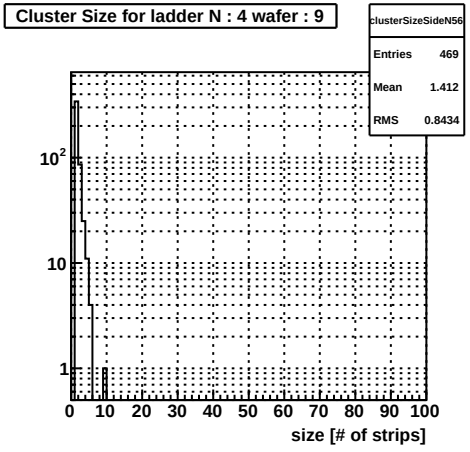

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 390
Mean 1.433
RMS 0.8348
size [# of strips]

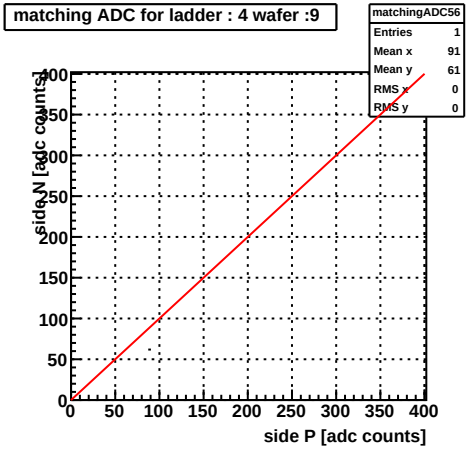

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 18
Mean x 49.35
Mean y 51.12
RMS x 20.92
RMS y 26.58
side N [adc counts]
side P [adc counts]

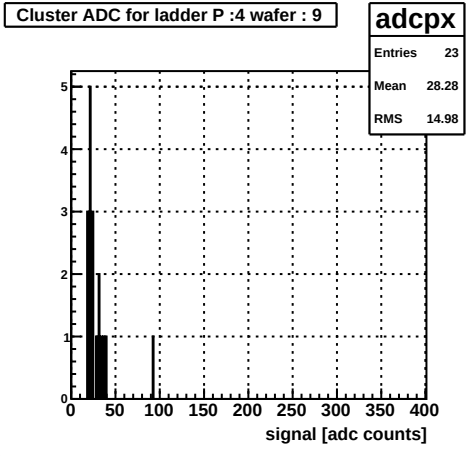

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 85
Mean 39.4
RMS 20.67
signal [adc counts]

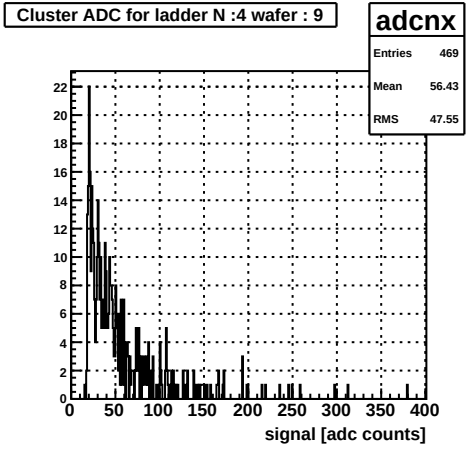

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 390
Mean 63.87
RMS 58.82
signal [adc counts]

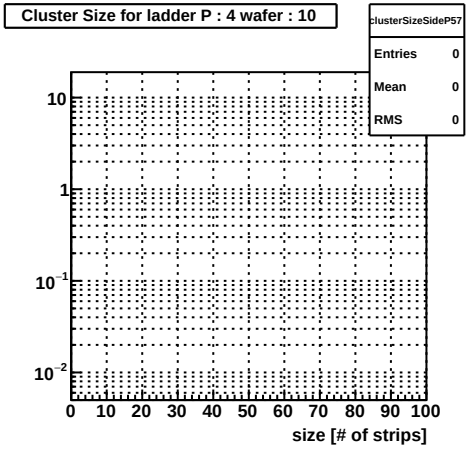

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 23
Mean 1.043
RMS 0.2039
size [# of strips]

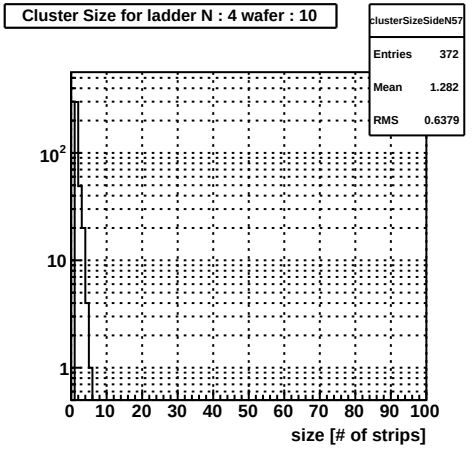

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 469
Mean 1.412
RMS 0.8434
size [# of strips]

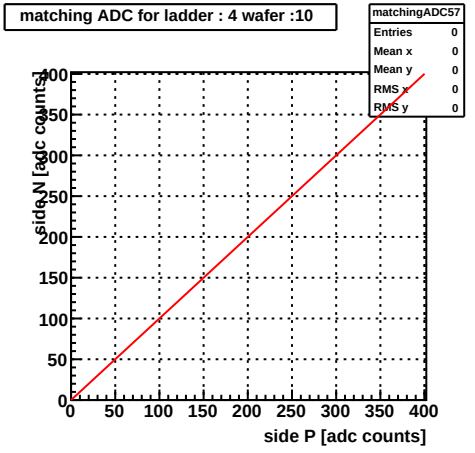

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 1
Mean x 91
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

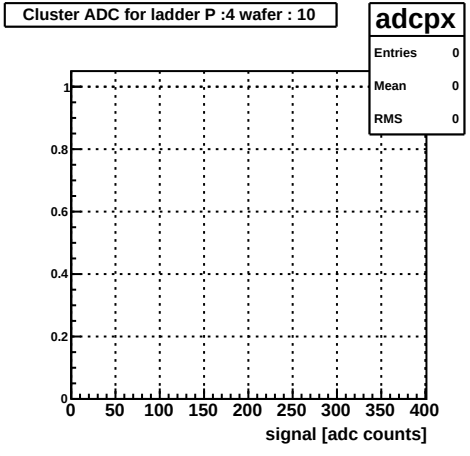

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 23
Mean 28.28
RMS 14.98
signal [adc counts]

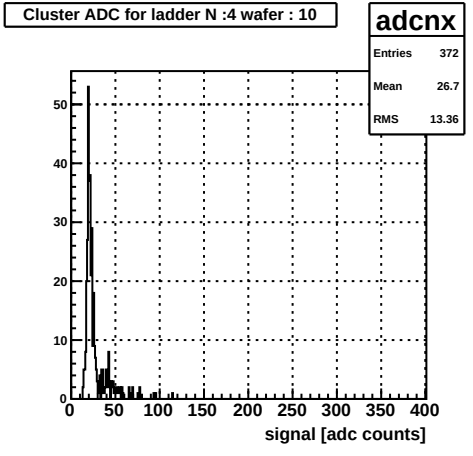

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 469
Mean 56.43
RMS 47.55
signal [adc counts]

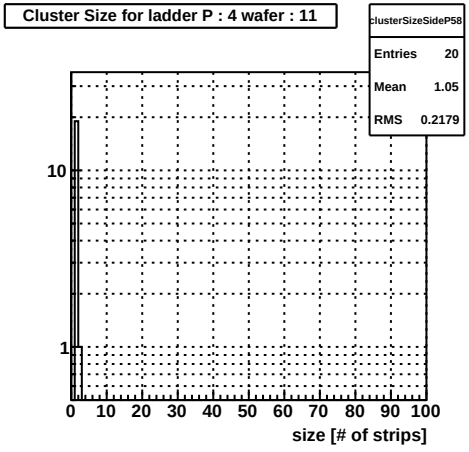

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

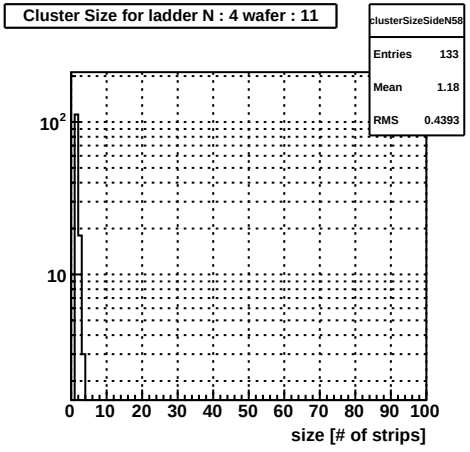

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 372
Mean 1.282
RMS 0.6379
size [# of strips]

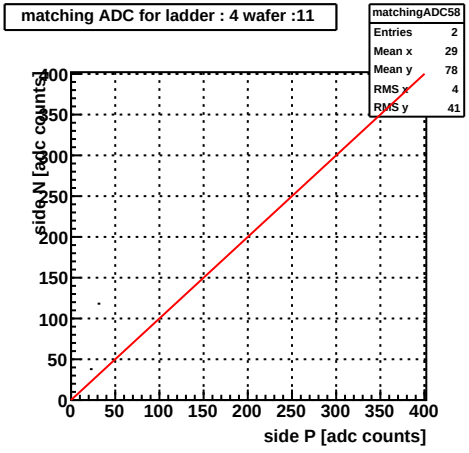

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

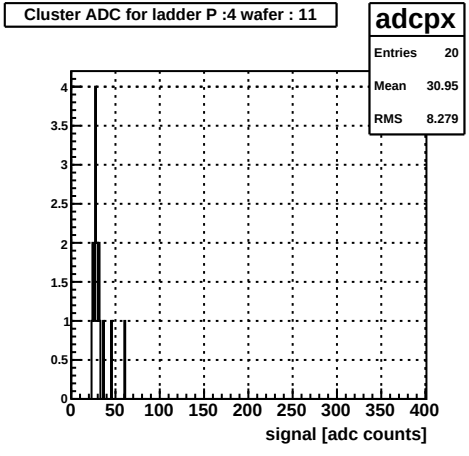

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

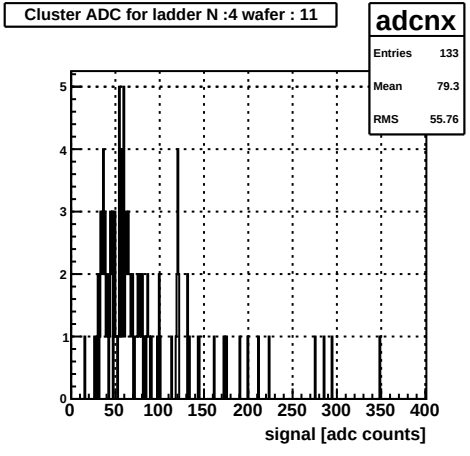

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 372
Mean 26.7
RMS 13.36
signal [adc counts]

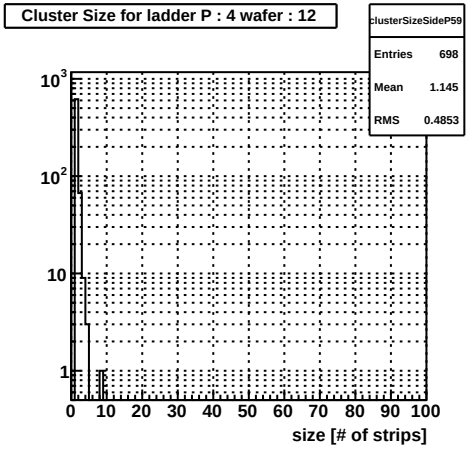

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 20
Mean 1.05
RMS 0.2179
size [# of strips]

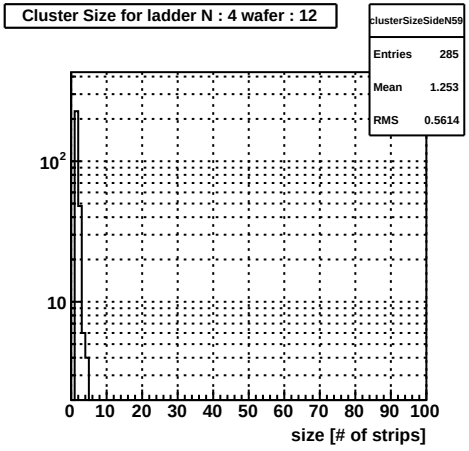

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 133
Mean 1.18
RMS 0.4393
size [# of strips]

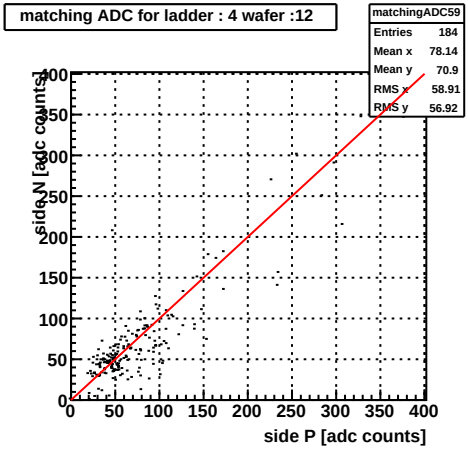

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 2
Mean x 29
Mean y 78
RMS x 4
RMS y 41
side N [adc counts]
side P [adc counts]

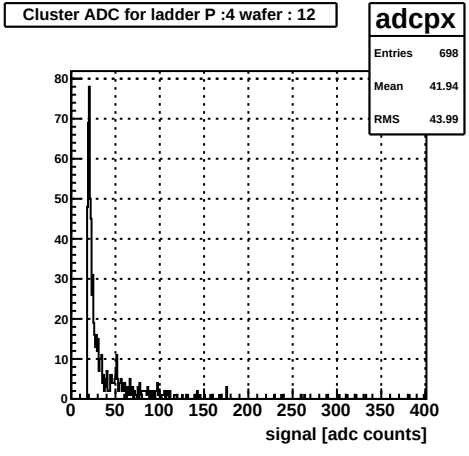

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 20
Mean 30.95
RMS 8.279
signal [adc counts]

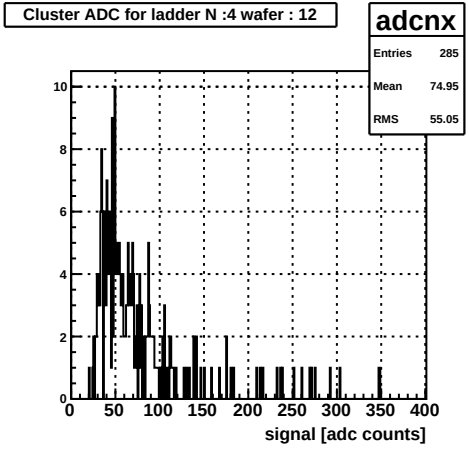

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 133
Mean 79.3
RMS 55.76
signal [adc counts]

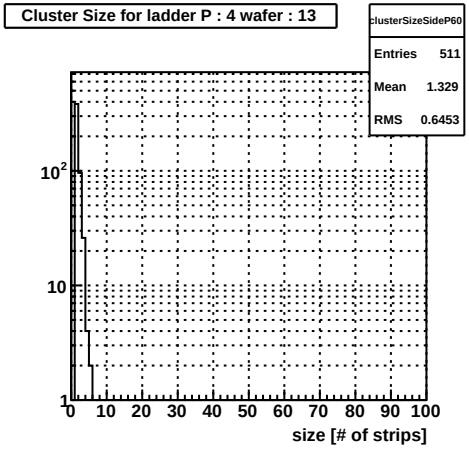

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 698
Mean 1.145
RMS 0.4853
size [# of strips]

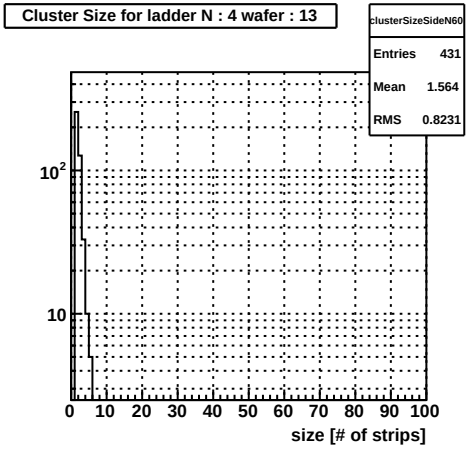

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 285
Mean 1.253
RMS 0.5614
size [# of strips]

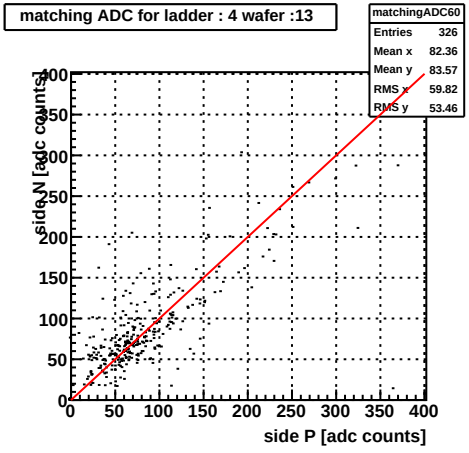

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 184
Mean x 78.14
Mean y 70.9
RMS x 58.91
RMS y 56.92
side N [adc counts]
side P [adc counts]

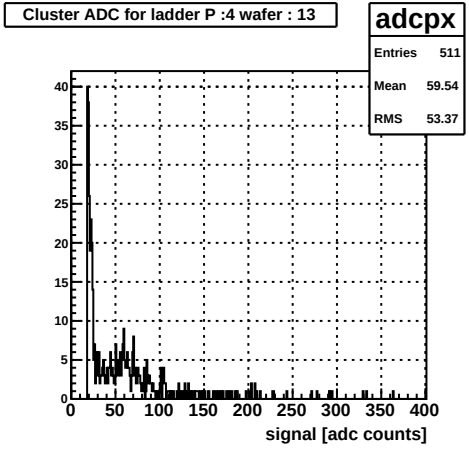

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 698
Mean 41.94
RMS 43.99
signal [adc counts]

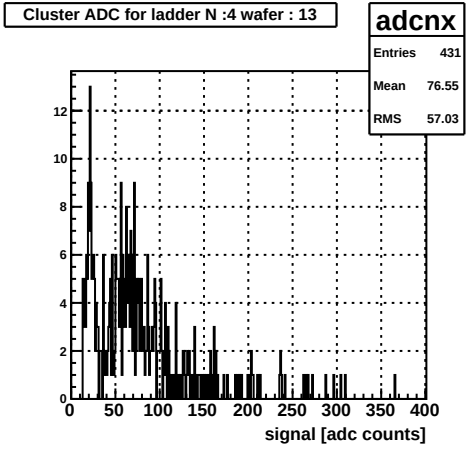

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 285
Mean 74.95
RMS 55.05
signal [adc counts]

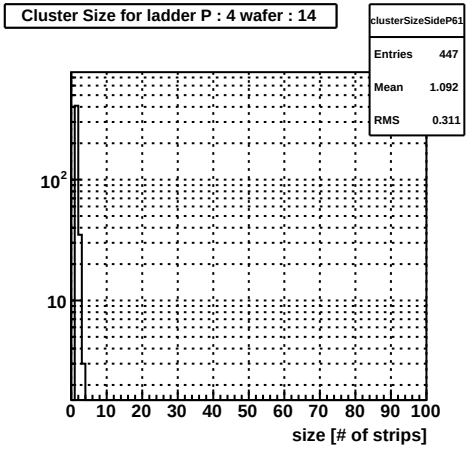

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 511
Mean 1.329
RMS 0.6453
size [# of strips]

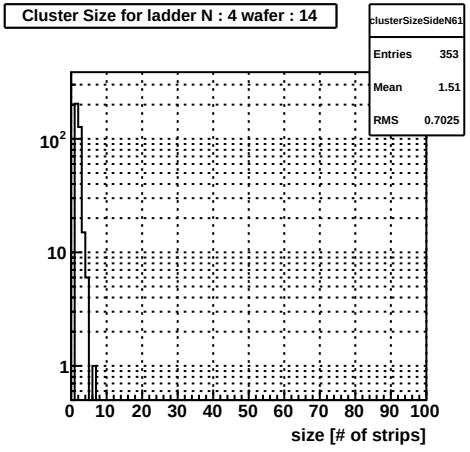

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 431
Mean 1.564
RMS 0.8231
size [# of strips]

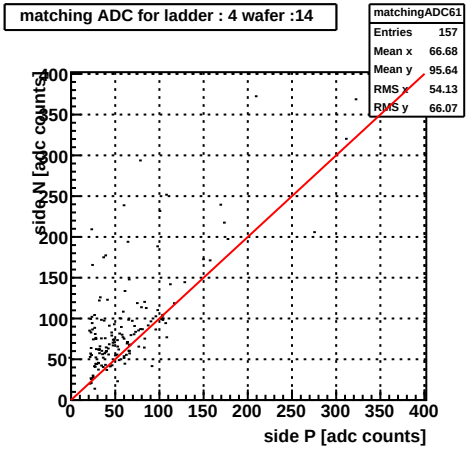

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 326
Mean x 82.36
Mean y 83.57
RMS x 59.82
RMS y 53.46
side N [adc counts]
side P [adc counts]

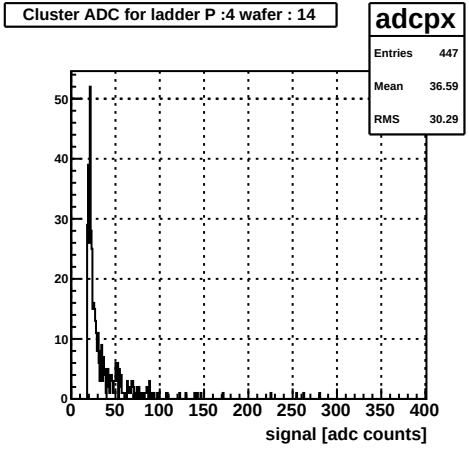

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 511
Mean 59.54
RMS 53.37
signal [adc counts]

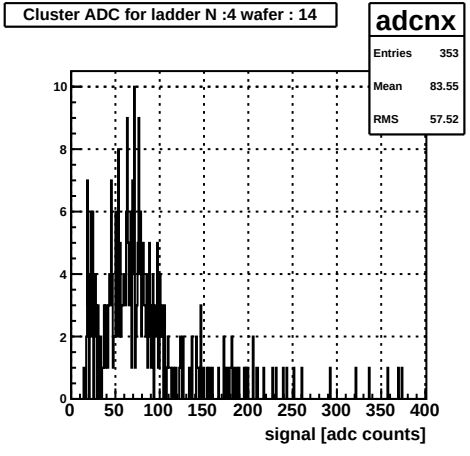

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 431
Mean 76.55
RMS 57.03
signal [adc counts]

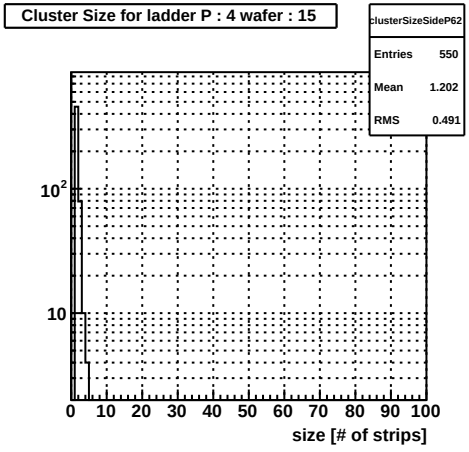

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 447
Mean 1.092
RMS 0.311
size [# of strips]

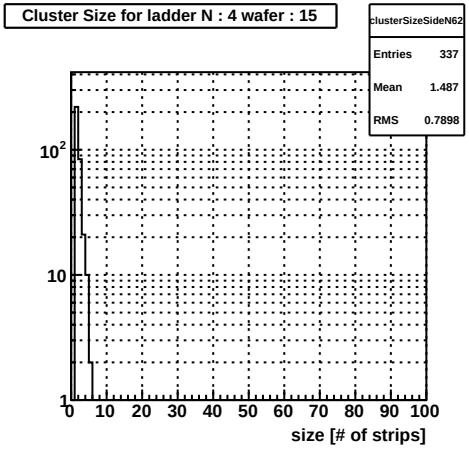

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 353
Mean 1.51
RMS 0.7025
size [# of strips]

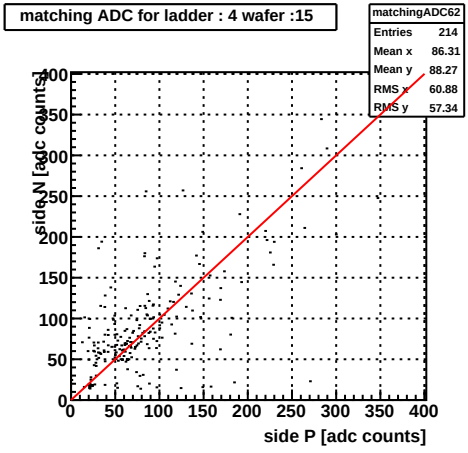

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 157
Mean x 66.68
Mean y 95.64
RMS x 54.13
RMS y 66.07
side N [adc counts]
side P [adc counts]

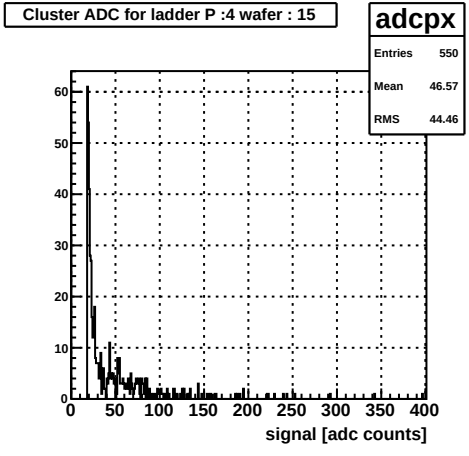

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 447
Mean 36.59
RMS 30.29
signal [adc counts]

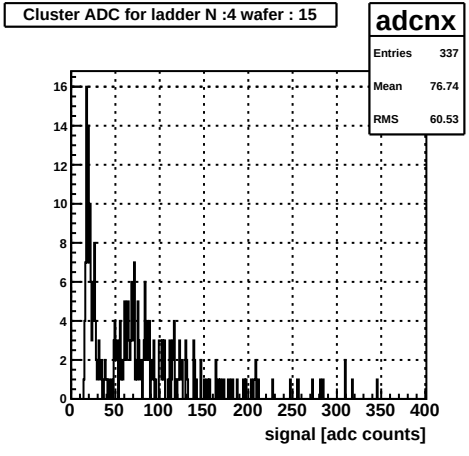

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 353
Mean 83.55
RMS 57.52
signal [adc counts]

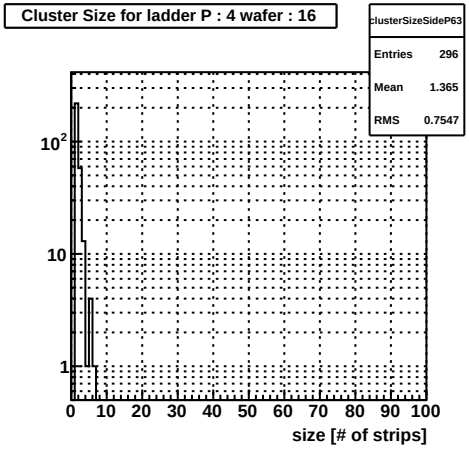

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 550
Mean 1.202
RMS 0.491
size [# of strips]

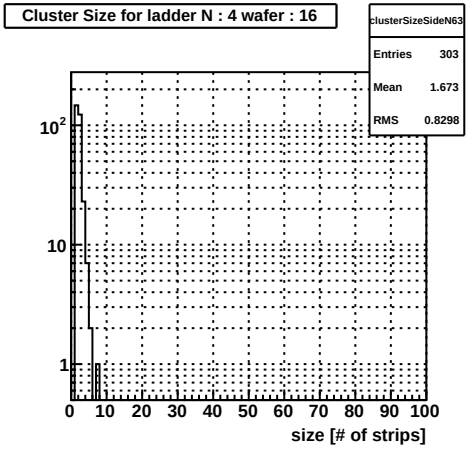

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 337
Mean 1.487
RMS 0.7898
size [# of strips]

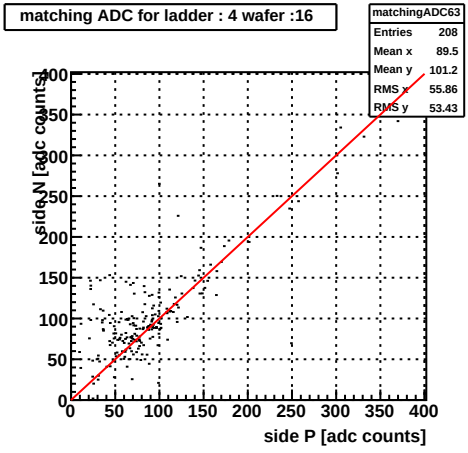

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 214
Mean x 86.31
Mean y 88.27
RMS x 60.88
RMS y 57.34
side N [adc counts]
side P [adc counts]

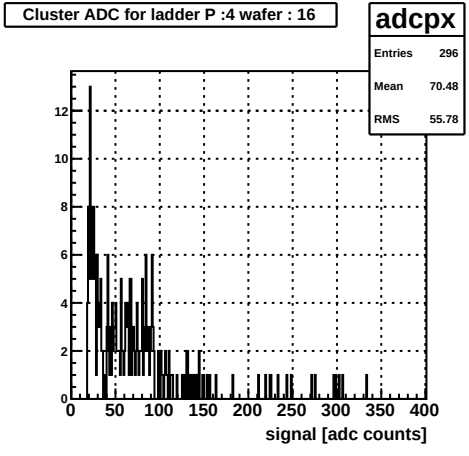

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 550
Mean 46.57
RMS 44.46
signal [adc counts]

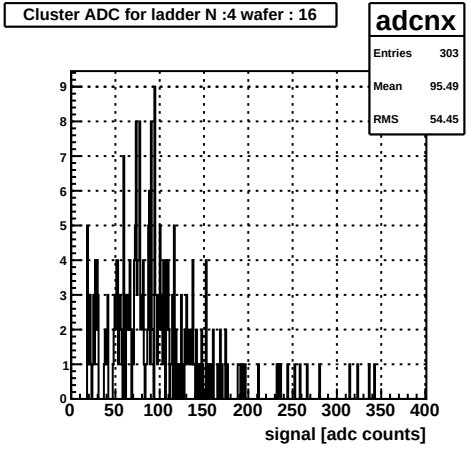

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 337
Mean 76.74
RMS 60.53
signal [adc counts]

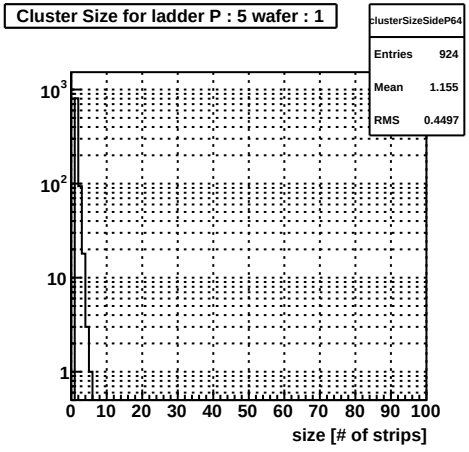

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 296
Mean 1.365
RMS 0.7547
size [# of strips]

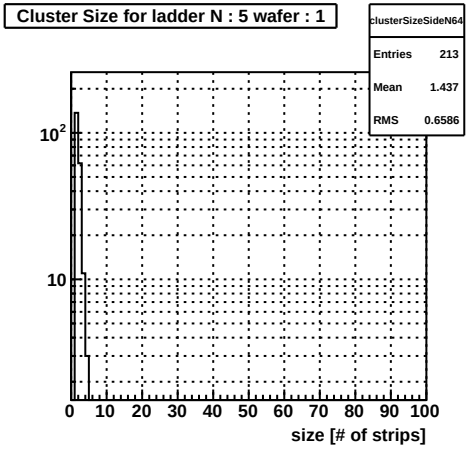

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 303
Mean 1.673
RMS 0.8298
size [# of strips]

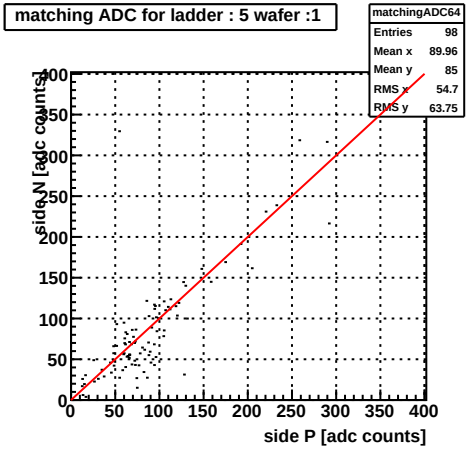

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 208
Mean x 89.5
Mean y 101.2
RMS x 55.86
RMS y 53.43
side N [adc counts]
side P [adc counts]

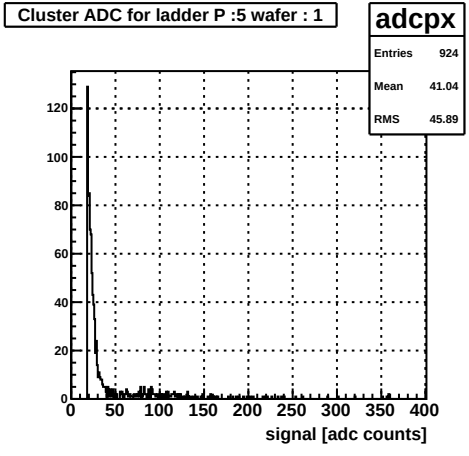

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 296
Mean 70.48
RMS 55.78
signal [adc counts]

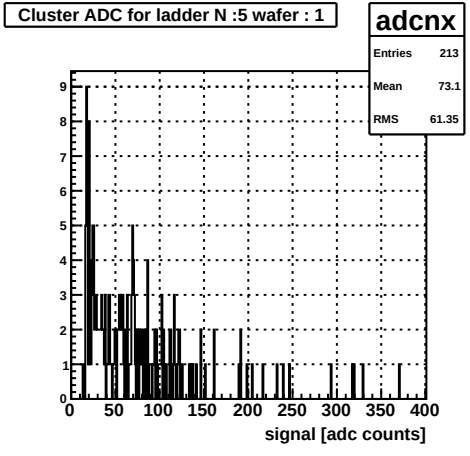

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 303
Mean 95.49
RMS 54.45
signal [adc counts]

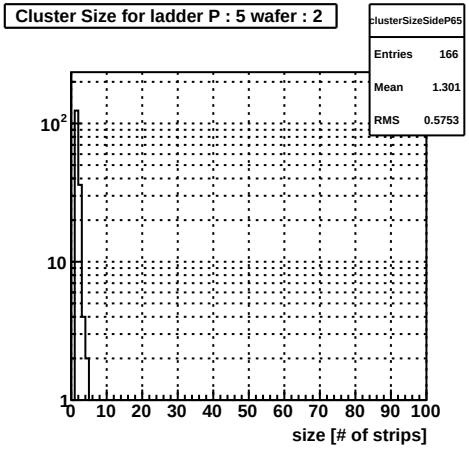

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 924
Mean 1.155
RMS 0.4497
size [# of strips]

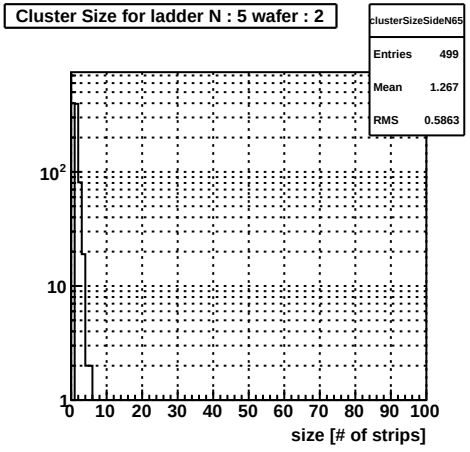

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 213
Mean 1.437
RMS 0.6586
size [# of strips]

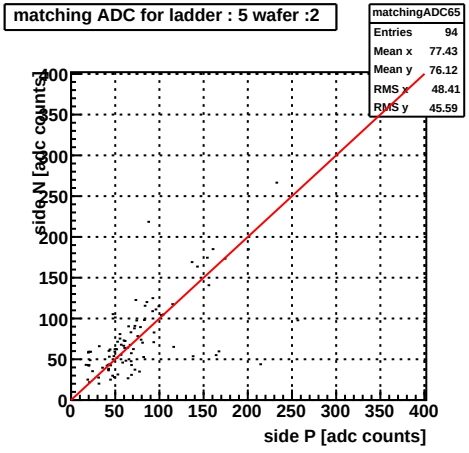

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 98
Mean x 89.96
Mean y 85
RMS x 54.7
RMS y 63.75
side N [adc counts]
side P [adc counts]

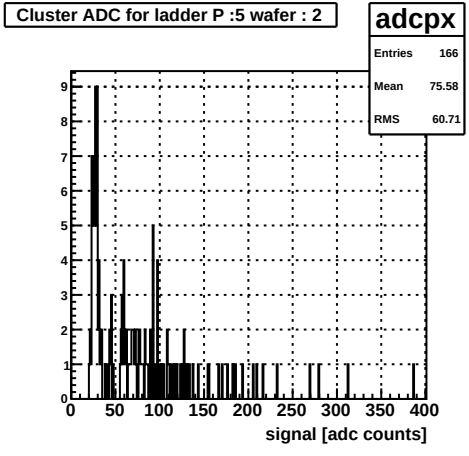

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 924
Mean 41.04
RMS 45.89
signal [adc counts]

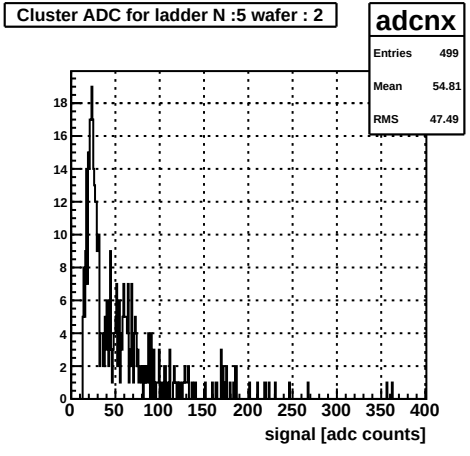

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 213
Mean 73.1
RMS 61.35
signal [adc counts]

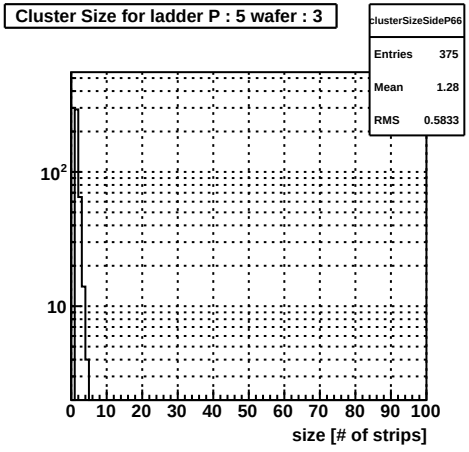

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 166
Mean 1.301
RMS 0.5753
size [# of strips]

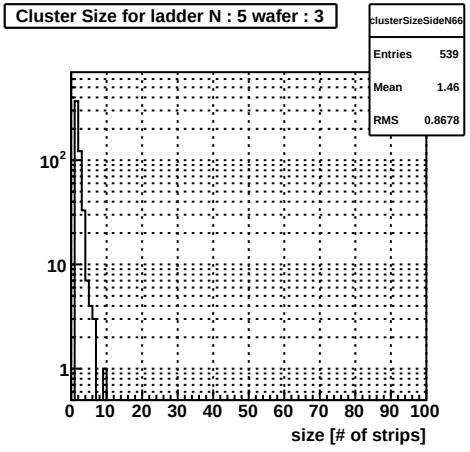

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 499
Mean 1.267
RMS 0.5863
size [# of strips]

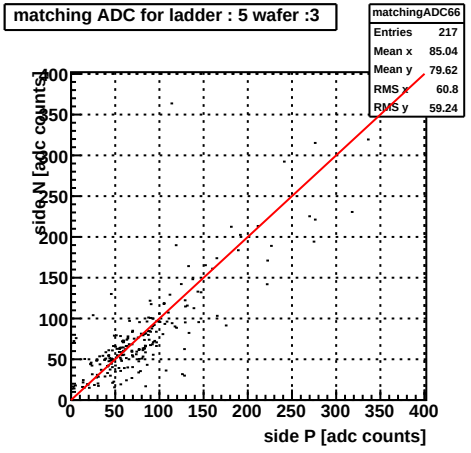

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 94
Mean x 77.43
Mean y 76.12
RMS x 48.41
RMS y 45.59
side N [adc counts]
side P [adc counts]

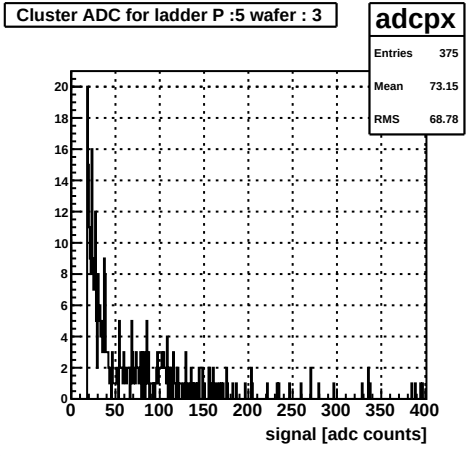

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 166
Mean 75.58
RMS 60.71
signal [adc counts]

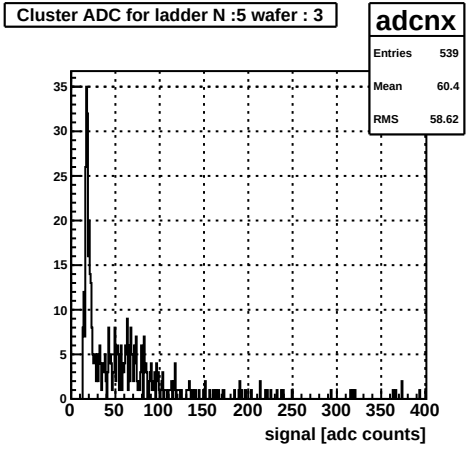

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 499
Mean 54.81
RMS 47.49
signal [adc counts]

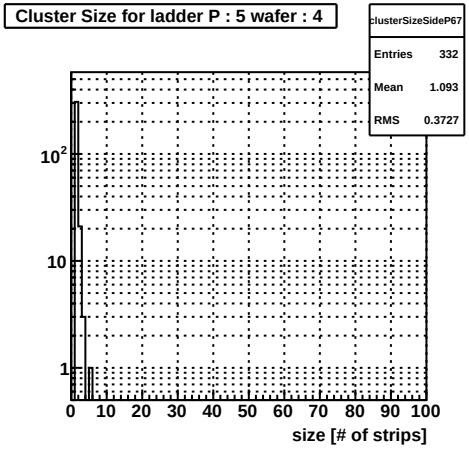

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 375
Mean 1.28
RMS 0.5833
size [# of strips]

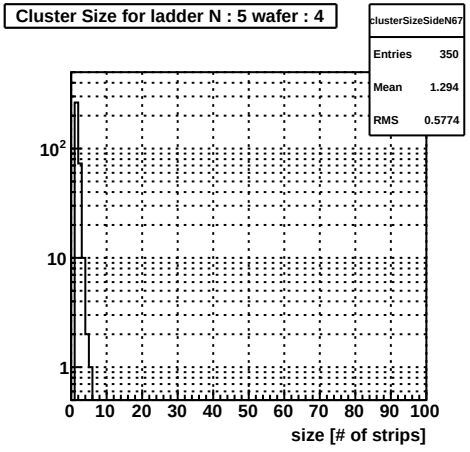

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 539
Mean 1.46
RMS 0.8678
size [# of strips]

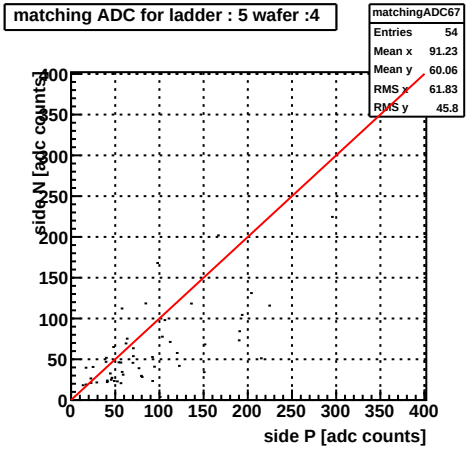

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 217
Mean x 85.04
Mean y 79.62
RMS x 60.8
RMS y 59.24
side N [adc counts]
side P [adc counts]

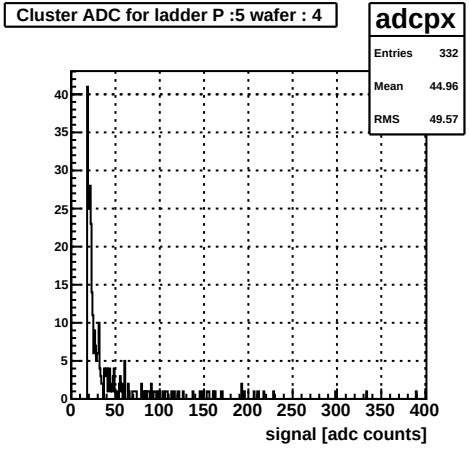

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 375
Mean 73.15
RMS 68.78
signal [adc counts]

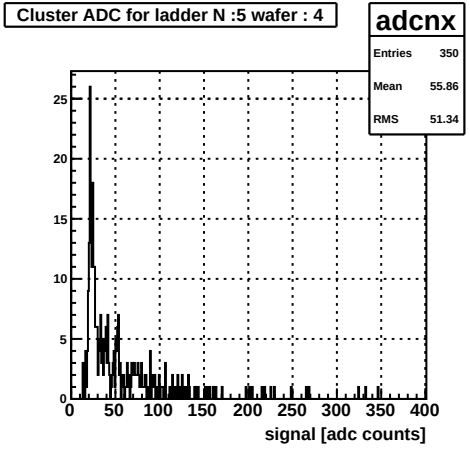

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 539
Mean 60.4
RMS 58.62
signal [adc counts]

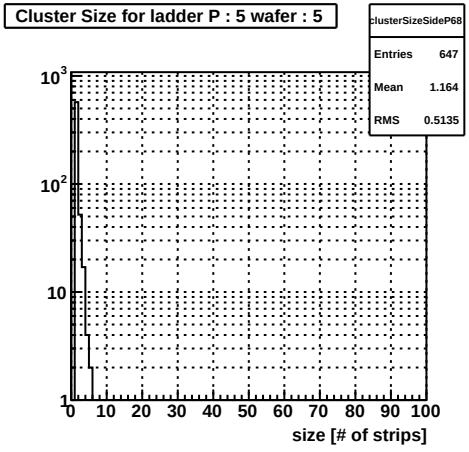

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 332
Mean 1.093
RMS 0.3727
size [# of strips]

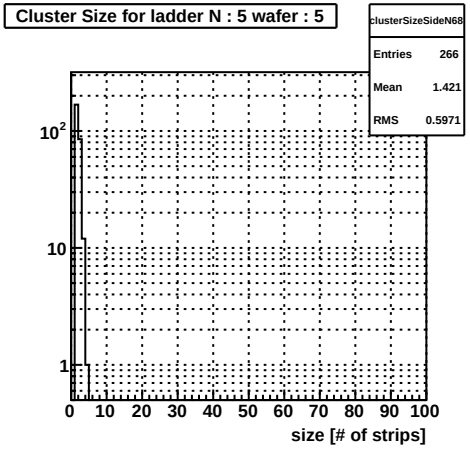

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 350
Mean 1.294
RMS 0.5774
size [# of strips]

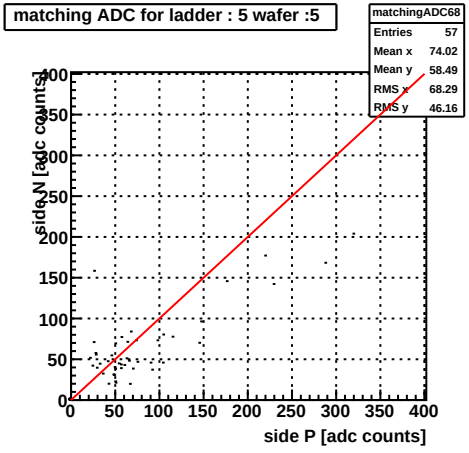

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 54
Mean x 91.23
Mean y 60.06
RMS x 61.83
RMS y 45.8
side N [adc counts]
side P [adc counts]

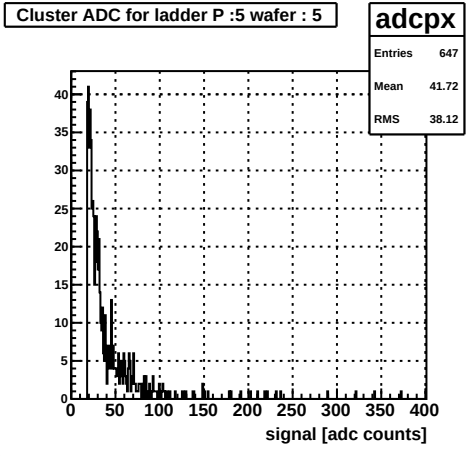

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 332
Mean 44.96
RMS 49.57
signal [adc counts]

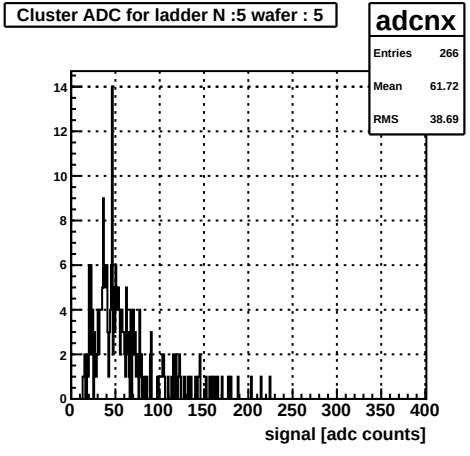

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 350
Mean 55.86
RMS 51.34
signal [adc counts]

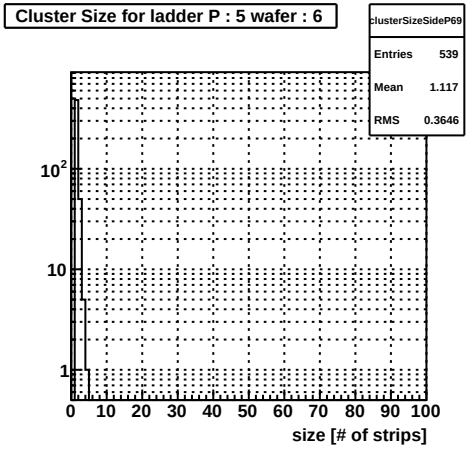

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 647
Mean 1.164
RMS 0.5135
size [# of strips]

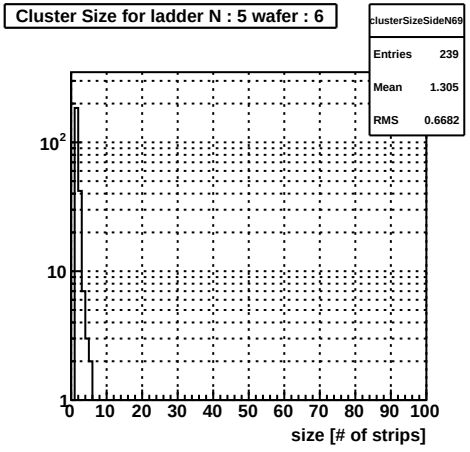

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 266
Mean 1.421
RMS 0.5971
size [# of strips]

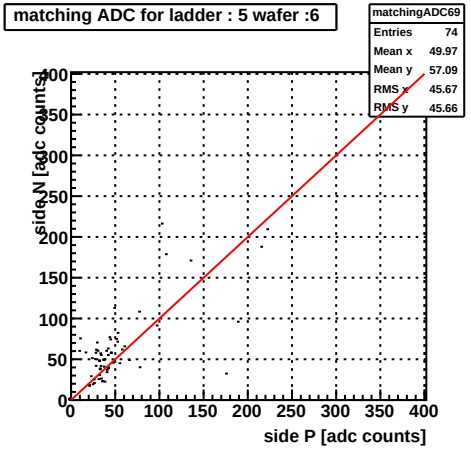

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 57
Mean x 74.02
Mean y 58.49
RMS x 68.29
RMS y 46.16
side N [adc counts]
side P [adc counts]

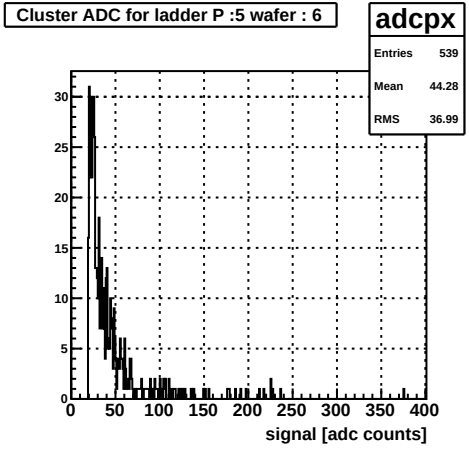

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 647
Mean 41.72
RMS 38.12
signal [adc counts]

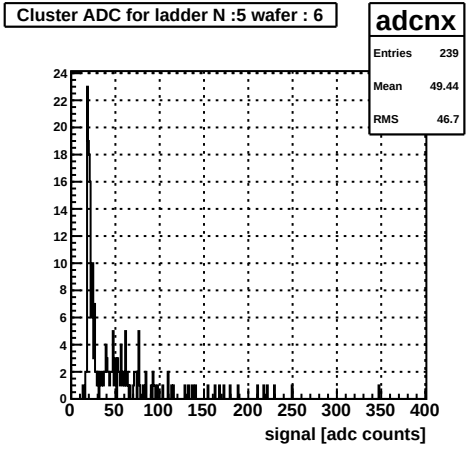

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 266
Mean 61.72
RMS 38.69
signal [adc counts]

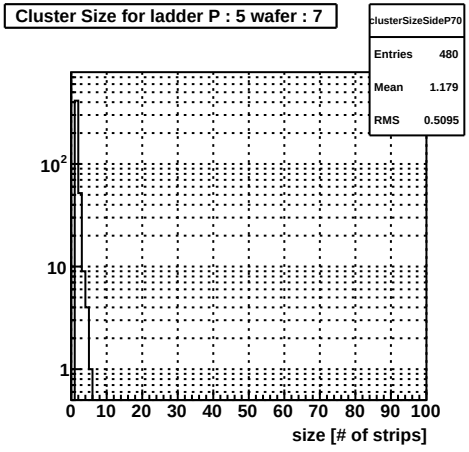

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 539
Mean 1.117
RMS 0.3646
size [# of strips]

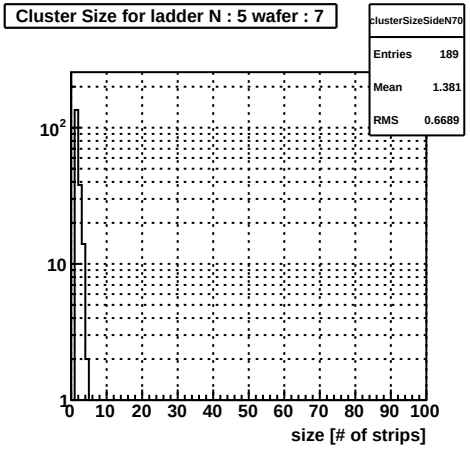

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 239
Mean 1.305
RMS 0.6682
size [# of strips]

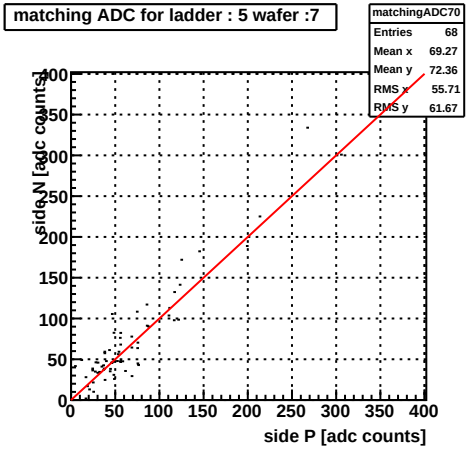

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 74
Mean x 49.97
Mean y 57.09
RMS x 45.67
RMS y 45.66
side N [adc counts]
side P [adc counts]

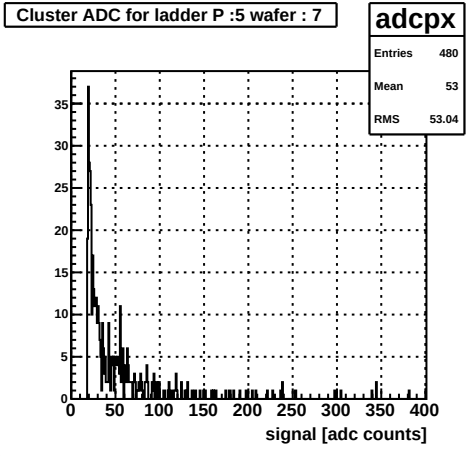

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 539
Mean 44.28
RMS 36.99
signal [adc counts]

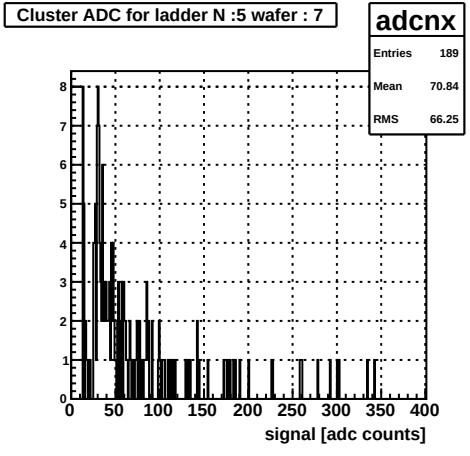

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 239
Mean 49.44
RMS 46.7
signal [adc counts]

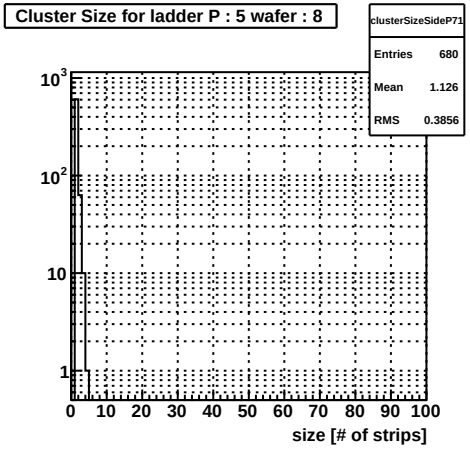

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 480
Mean 1.179
RMS 0.5095
size [# of strips]

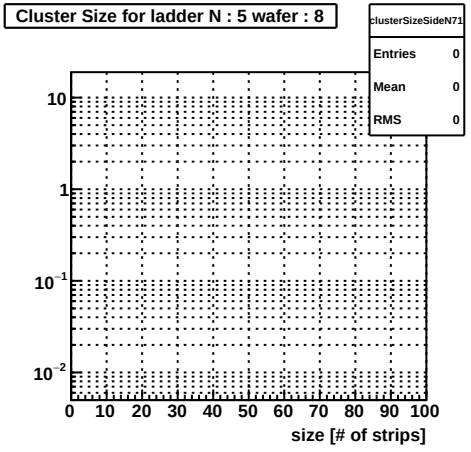

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 189
Mean 1.381
RMS 0.6689
size [# of strips]

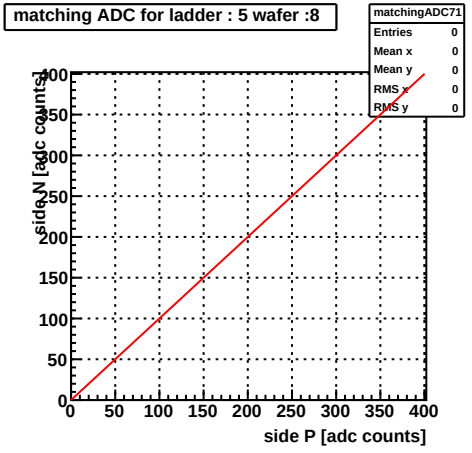

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 68
Mean x 69.27
Mean y 72.36
RMS x 55.71
RMS y 61.67
side N [adc counts]
side P [adc counts]

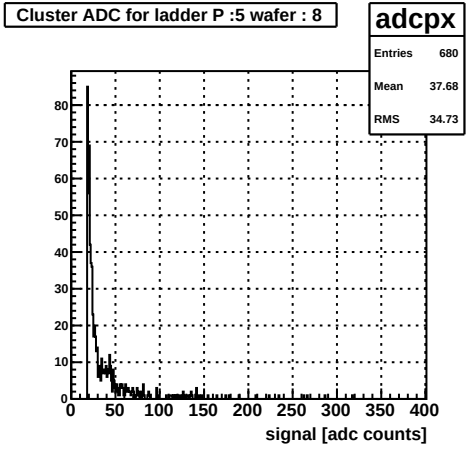

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 480
Mean 53
RMS 53.04
signal [adc counts]

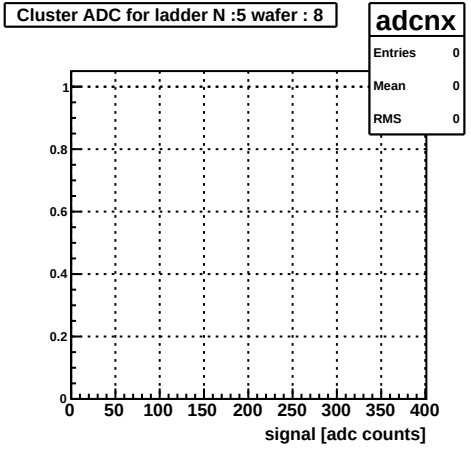

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 189
Mean 70.84
RMS 66.25
signal [adc counts]

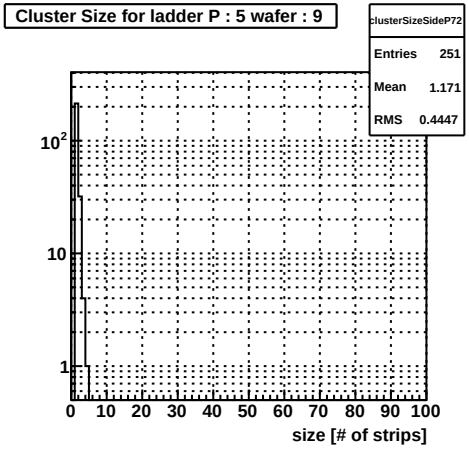

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 680
Mean 1.126
RMS 0.3856
size [# of strips]

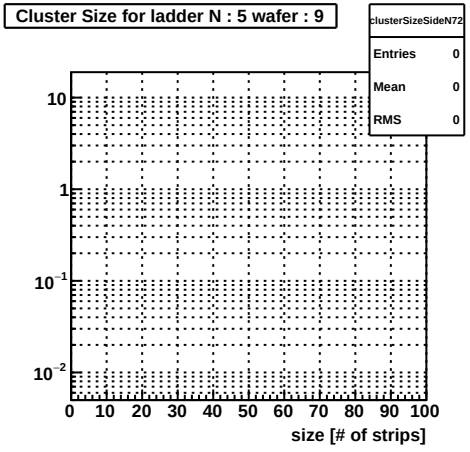

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

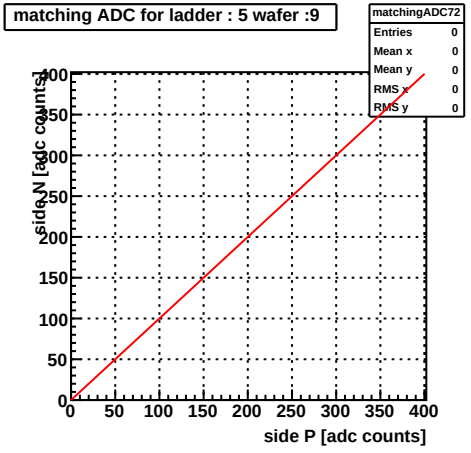

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

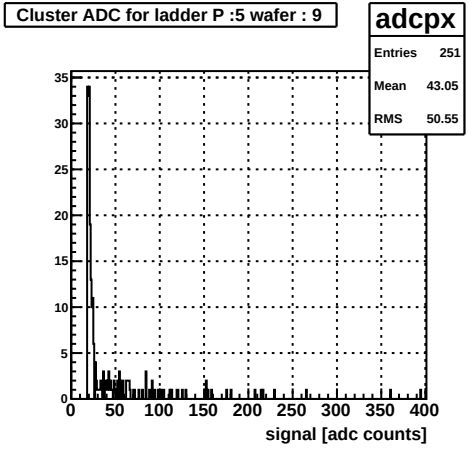

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 680
Mean 37.68
RMS 34.73
signal [adc counts]

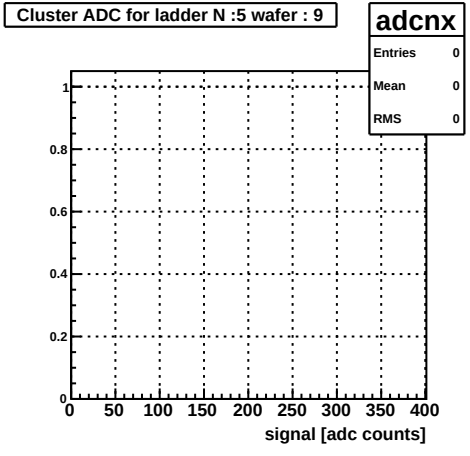

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

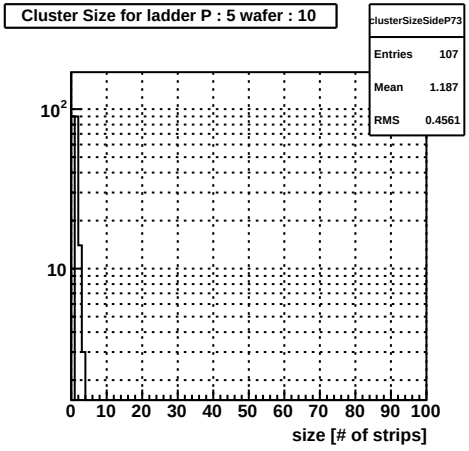

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 251
Mean 1.171
RMS 0.4447
size [# of strips]

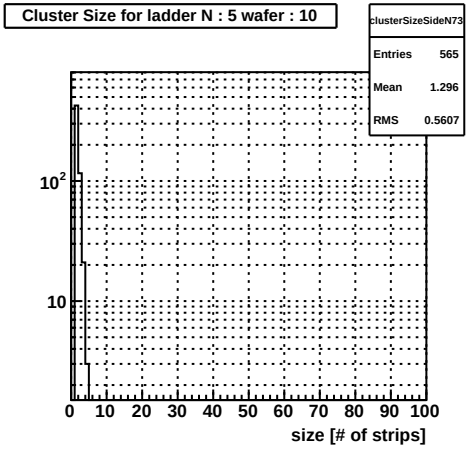

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

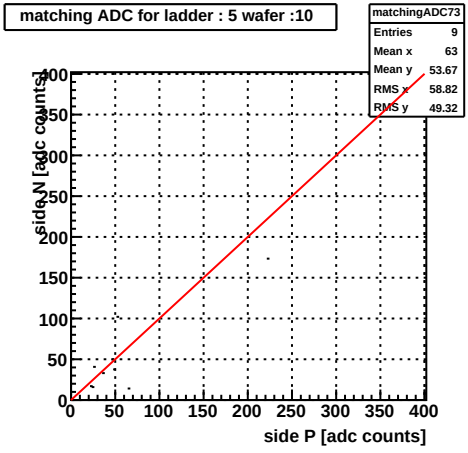

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

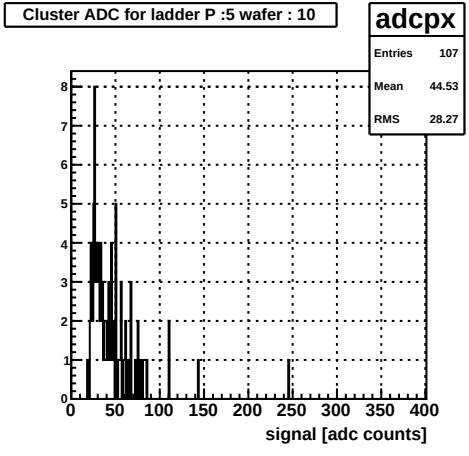

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 251
Mean 43.05
RMS 50.55
signal [adc counts]

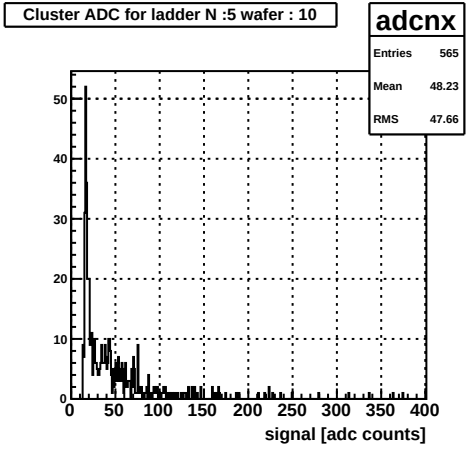

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

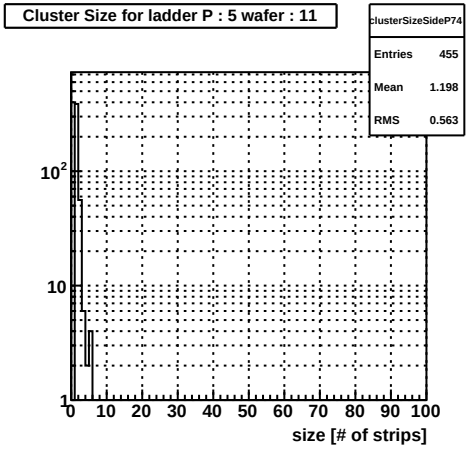

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 107
Mean 1.187
RMS 0.4561
size [# of strips]

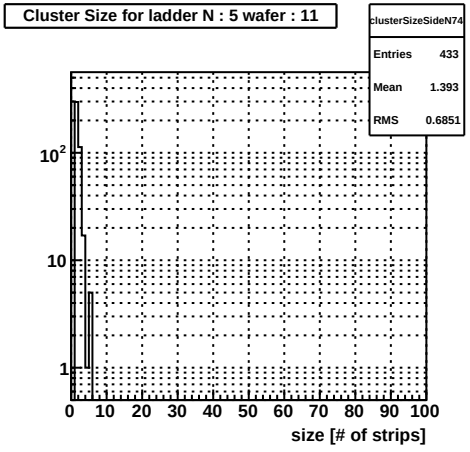

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 565
Mean 1.296
RMS 0.5607
size [# of strips]

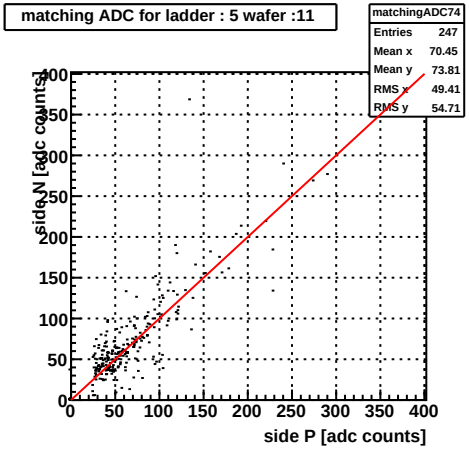

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 9
Mean x 63
Mean y 53.67
RMS x 58.82
RMS y 49.32
side N [adc counts]
side P [adc counts]

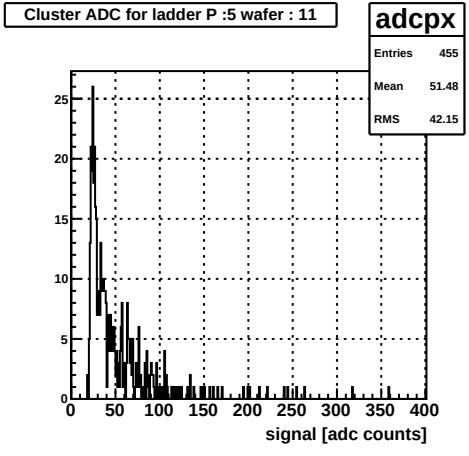

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 107
Mean 44.53
RMS 28.27
signal [adc counts]

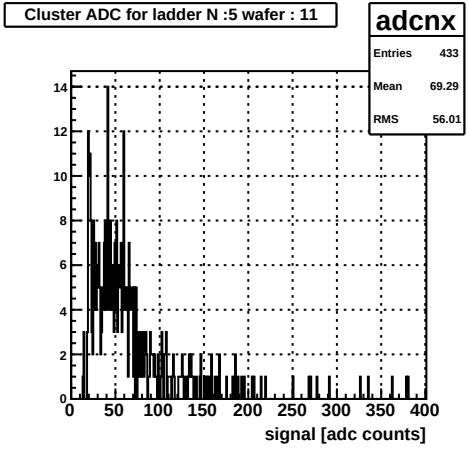

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 565
Mean 48.23
RMS 47.66
signal [adc counts]

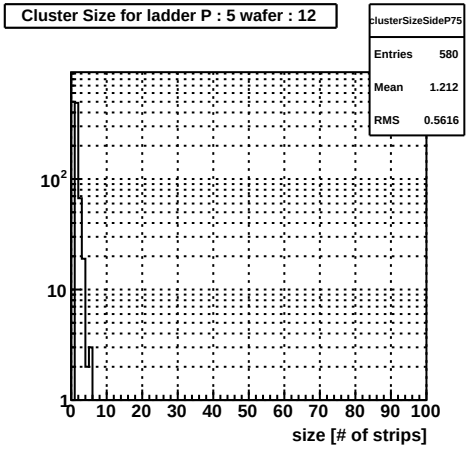

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 455
Mean 1.198
RMS 0.563
size [# of strips]

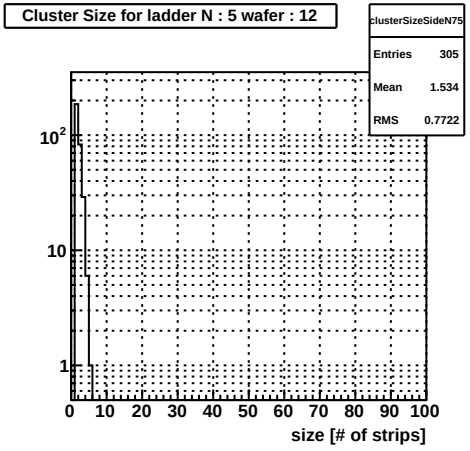

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 433
Mean 1.393
RMS 0.6851
size [# of strips]

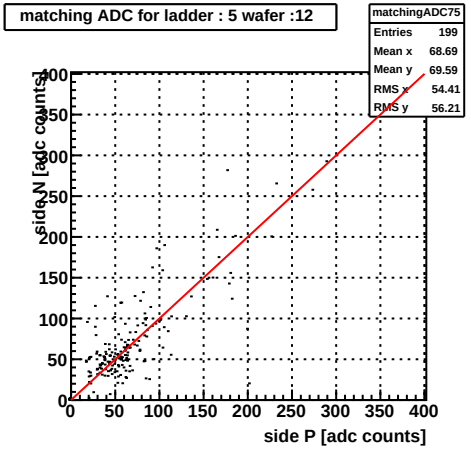

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 247
Mean x 70.45
Mean y 73.81
RMS x 49.41
RMS y 54.71
side N [adc counts]
side P [adc counts]

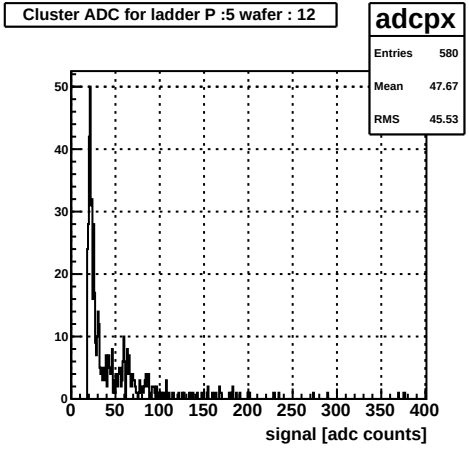

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 455
Mean 51.48
RMS 42.15
signal [adc counts]

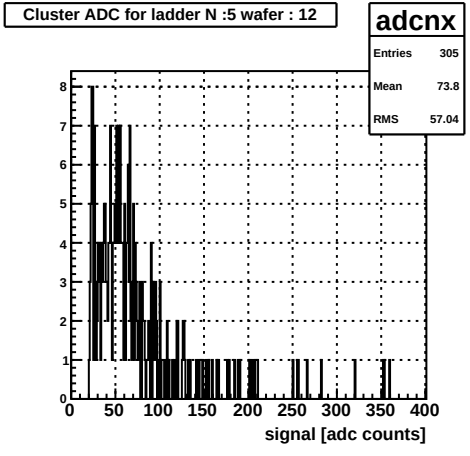

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 433
Mean 69.29
RMS 56.01
signal [adc counts]

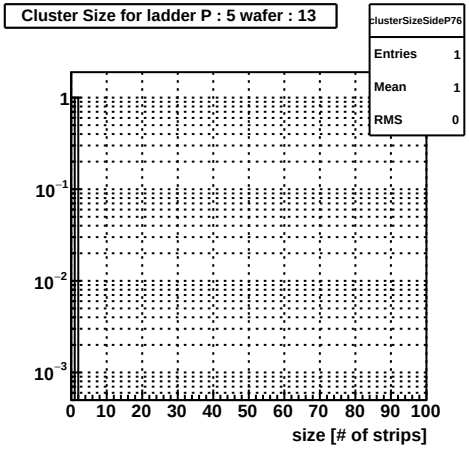

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 580
Mean 1.212
RMS 0.5616
size [# of strips]

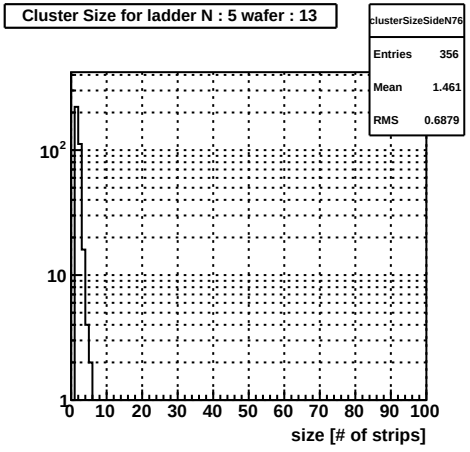

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 305
Mean 1.534
RMS 0.7722
size [# of strips]

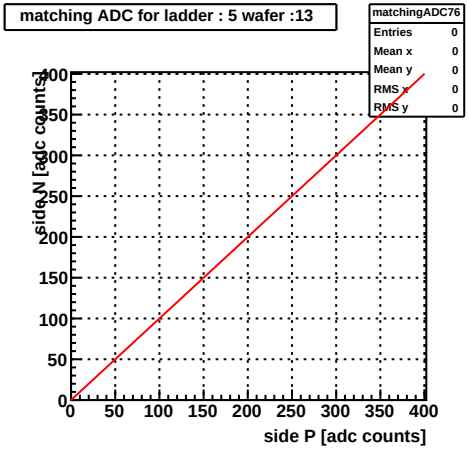

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 199
Mean x 68.69
Mean y 69.59
RMS x 54.41
RMS y 56.21
side N [adc counts]
side P [adc counts]

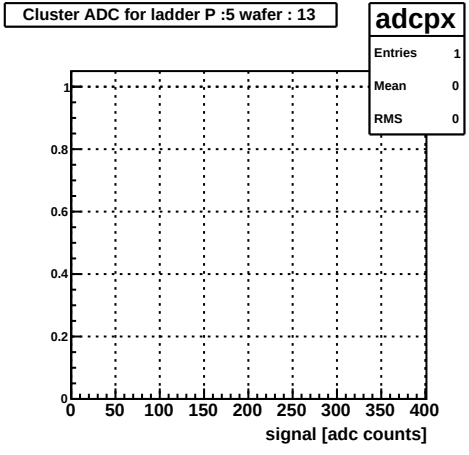

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 580
Mean 47.67
RMS 45.53
signal [adc counts]

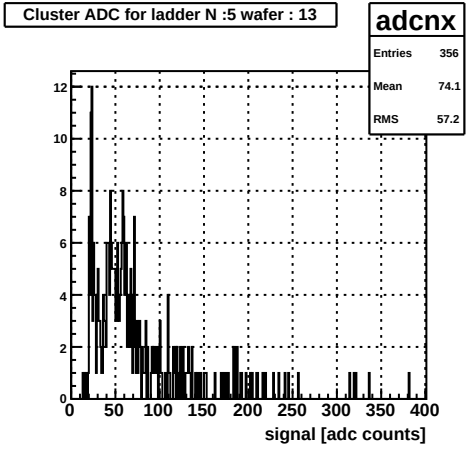

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 305
Mean 73.8
RMS 57.04
signal [adc counts]

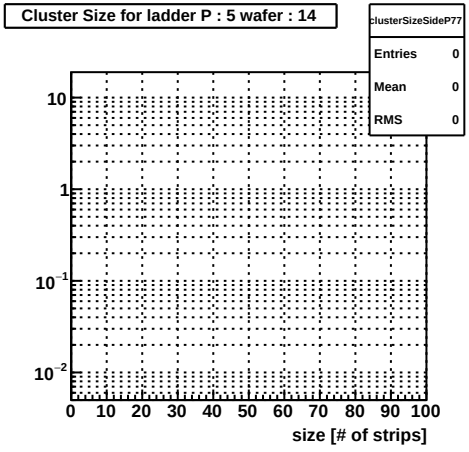

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

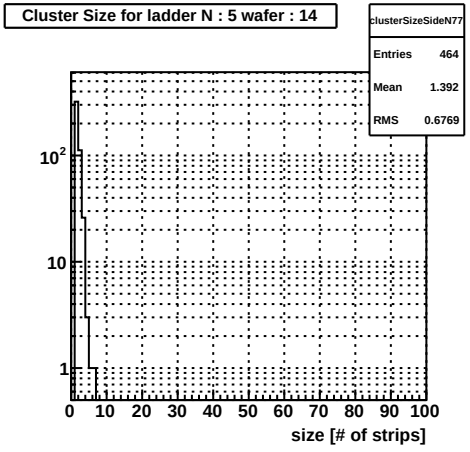

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 356
Mean 1.461
RMS 0.6879
size [# of strips]

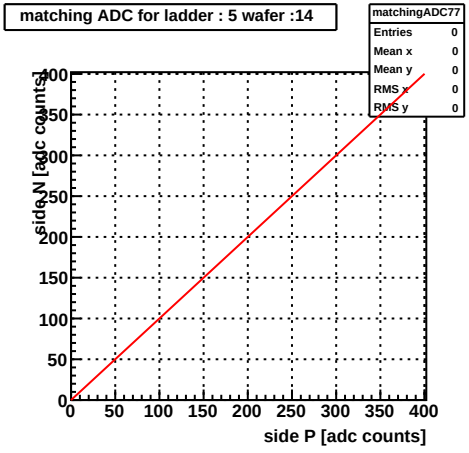

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

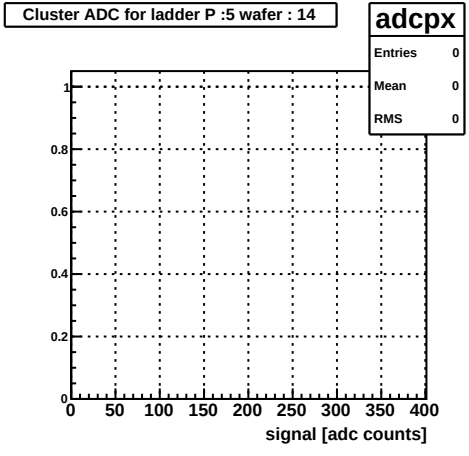

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

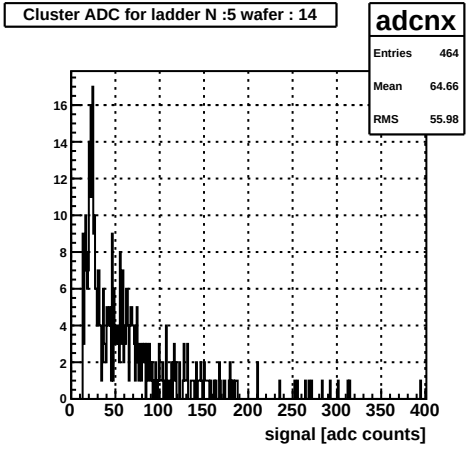

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 356
Mean 74.1
RMS 57.2
signal [adc counts]

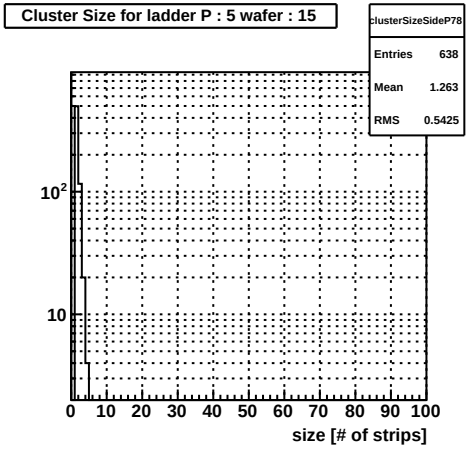

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

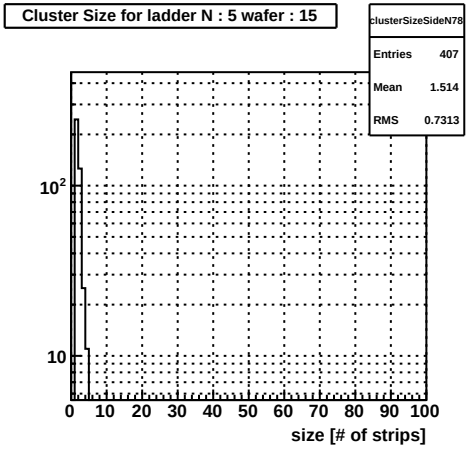

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 464
Mean 1.392
RMS 0.6769
size [# of strips]

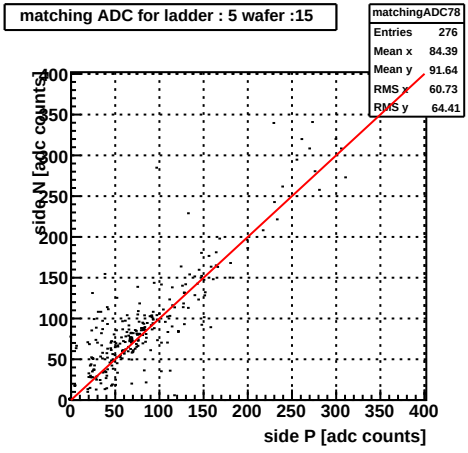

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

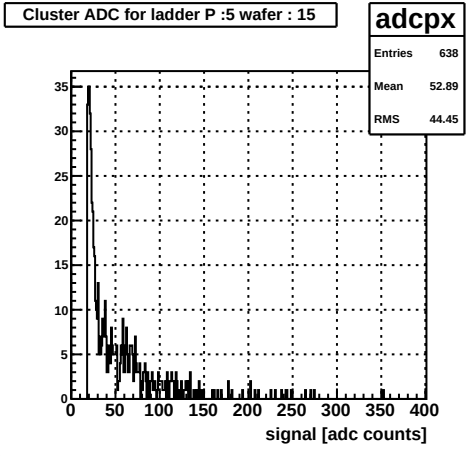

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

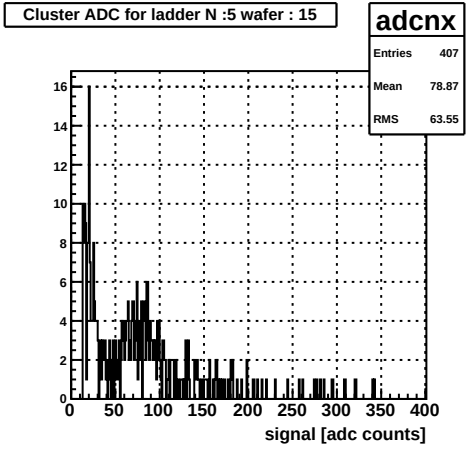

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 464
Mean 64.66
RMS 55.98
signal [adc counts]

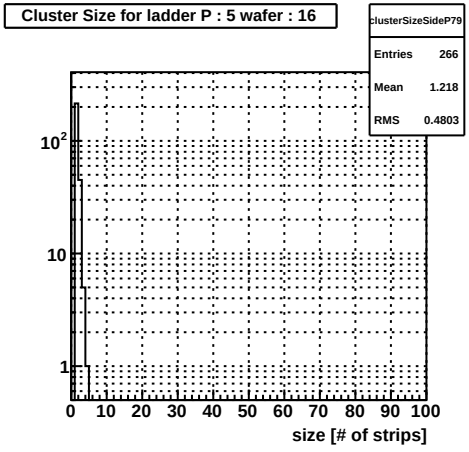

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 638
Mean 1.263
RMS 0.5425
size [# of strips]

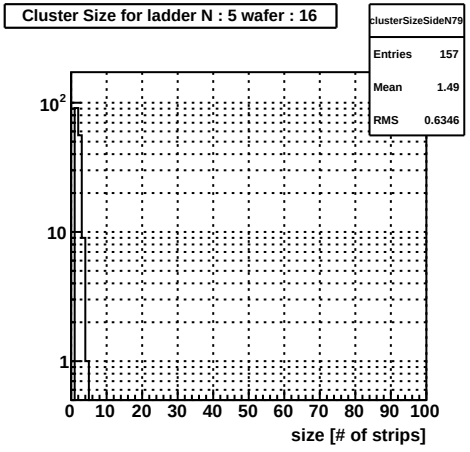

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 407
Mean 1.514
RMS 0.7313
size [# of strips]

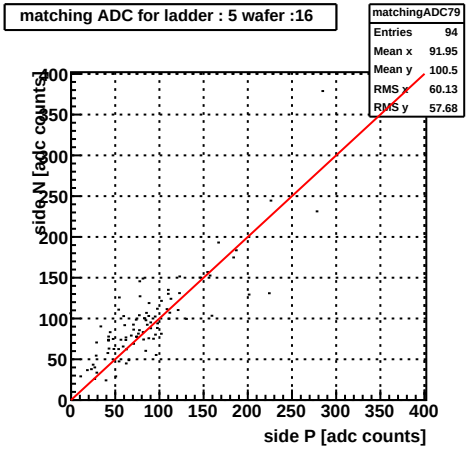

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 276
Mean x 84.39
Mean y 91.64
RMS x 60.73
RMS y 64.41
side N [adc counts]
side P [adc counts]

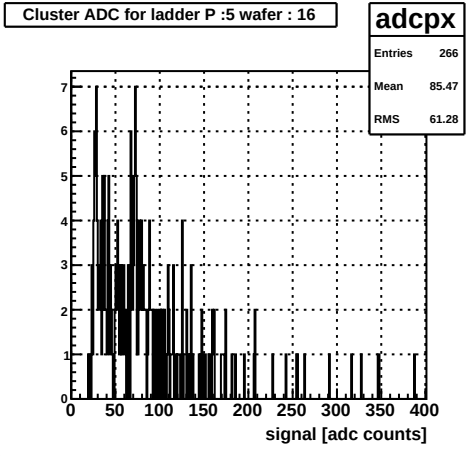

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 638
Mean 52.89
RMS 44.45
signal [adc counts]

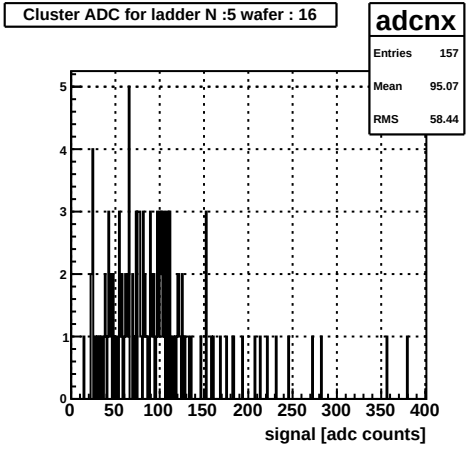

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 407
Mean 78.87
RMS 63.55
signal [adc counts]

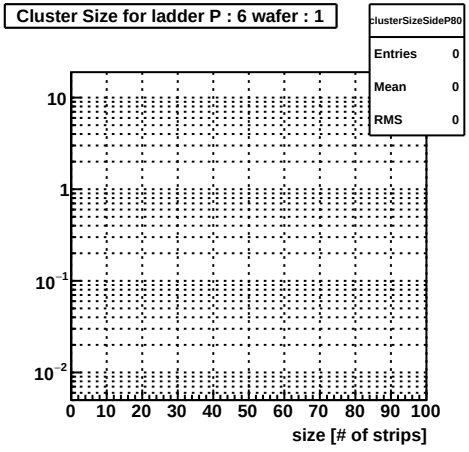

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 266
Mean 1.218
RMS 0.4803
size [# of strips]

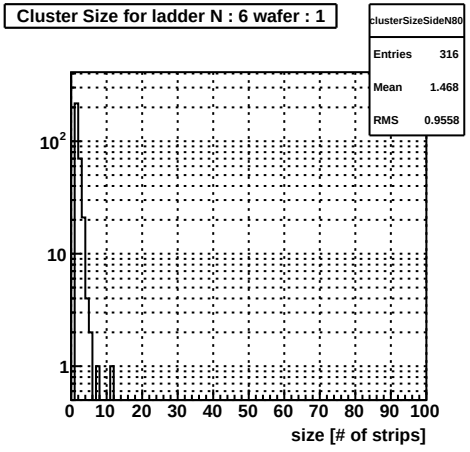

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 157
Mean 1.49
RMS 0.6346
size [# of strips]

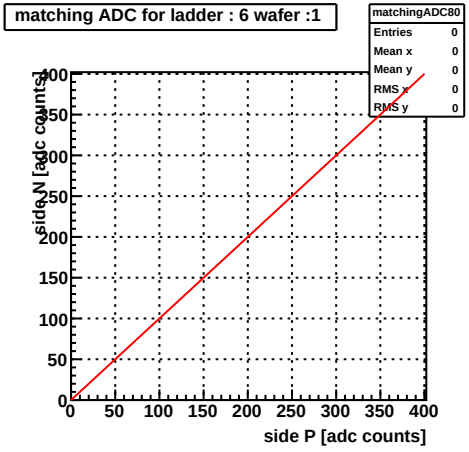

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 94
Mean x 91.95
Mean y 100.5
RMS x 60.13
RMS y 57.68
side N [adc counts]
side P [adc counts]

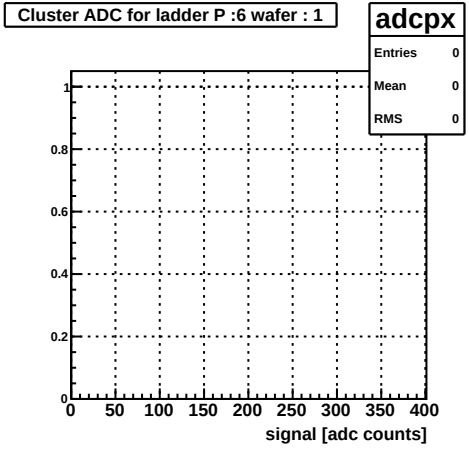

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 266
Mean 85.47
RMS 61.28
signal [adc counts]

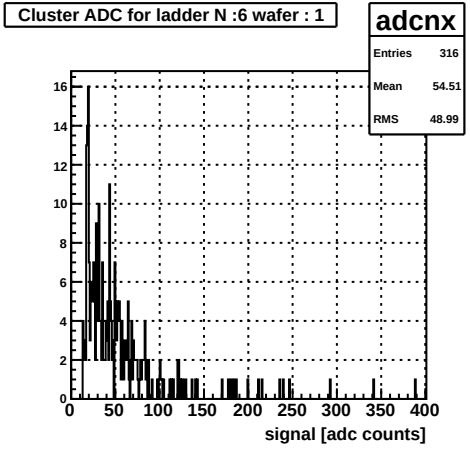

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 157
Mean 95.07
RMS 58.44
signal [adc counts]

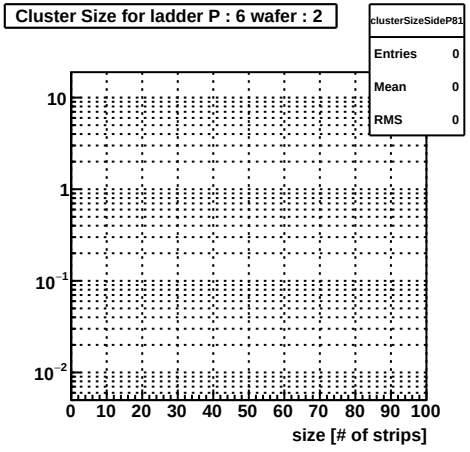

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 0
Mean 0
RMS 0
size [# of strips]

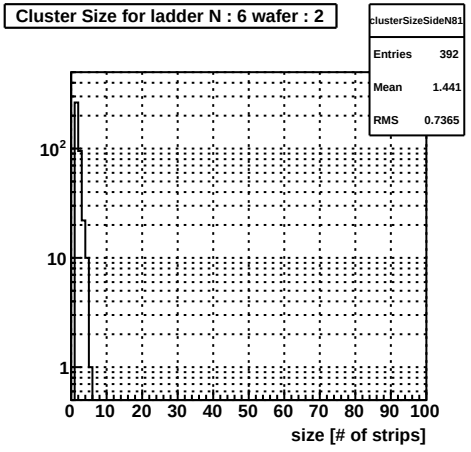

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 316
Mean 1.468
RMS 0.9558
size [# of strips]

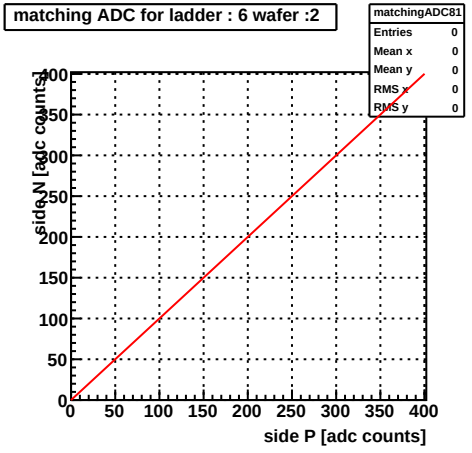

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

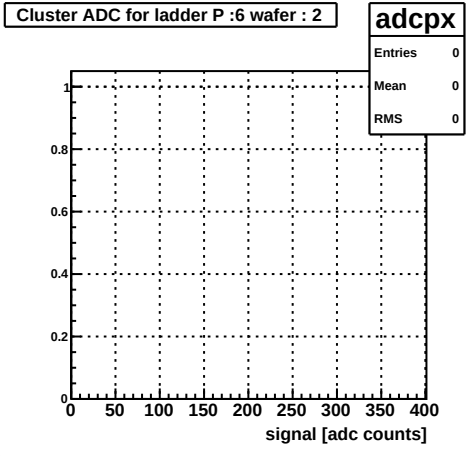

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

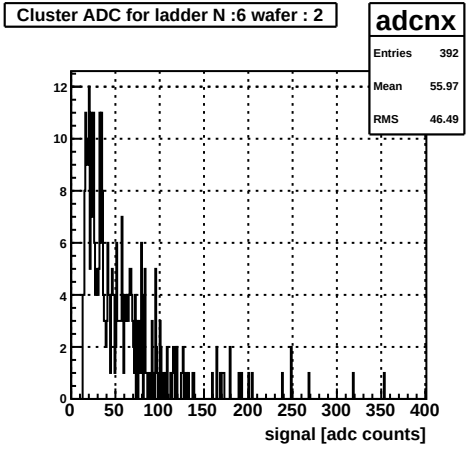

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 316
Mean 54.51
RMS 48.99
signal [adc counts]

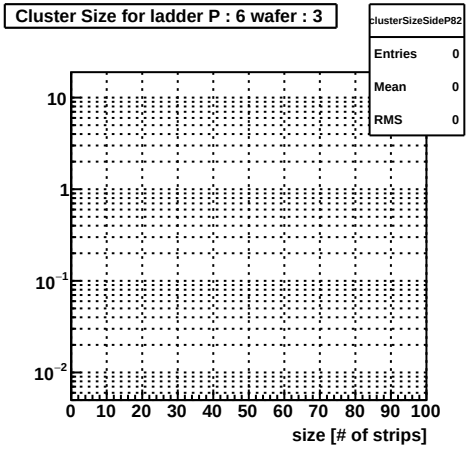

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 0
Mean 0
RMS 0
size [# of strips]

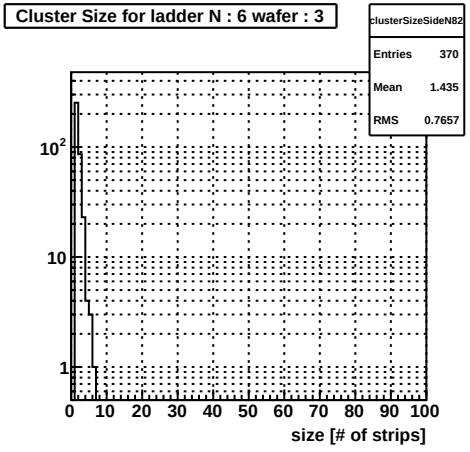

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 392
Mean 1.441
RMS 0.7365
size [# of strips]

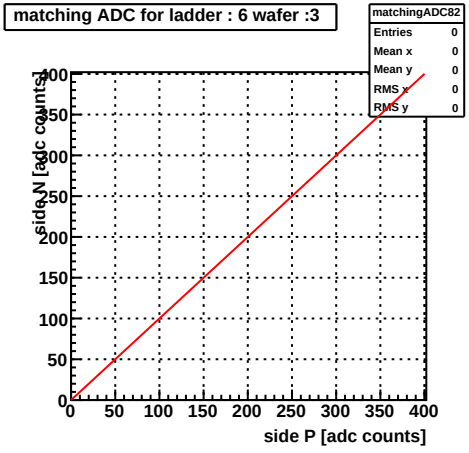

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

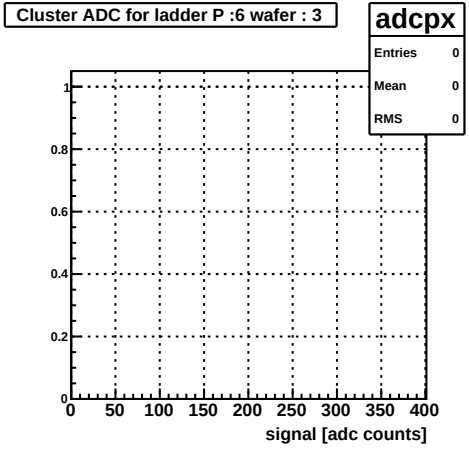

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

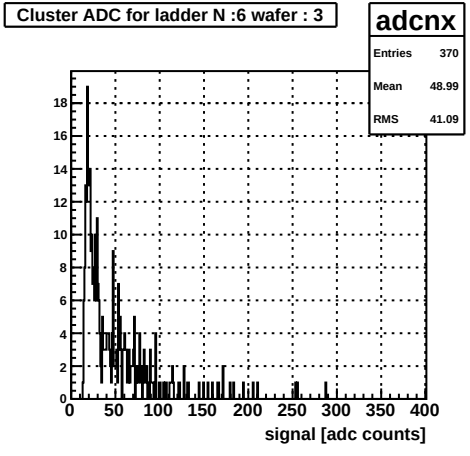

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 392
Mean 55.97
RMS 46.49
signal [adc counts]

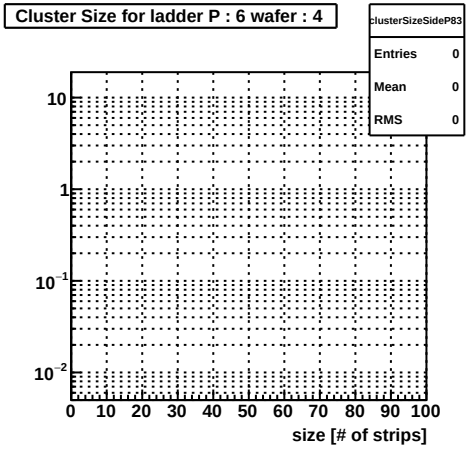

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 0
Mean 0
RMS 0
size [# of strips]

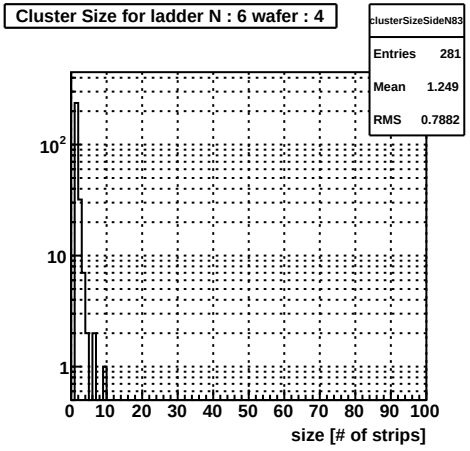

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 370
Mean 1.435
RMS 0.7657
size [# of strips]

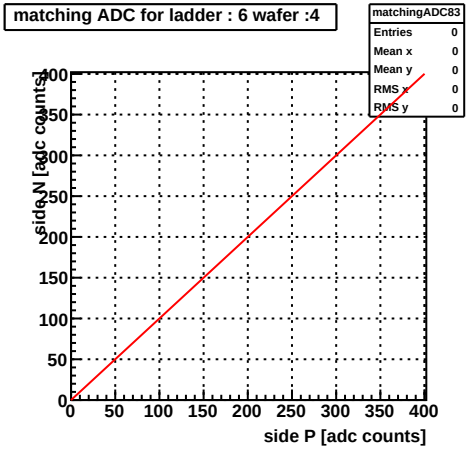

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

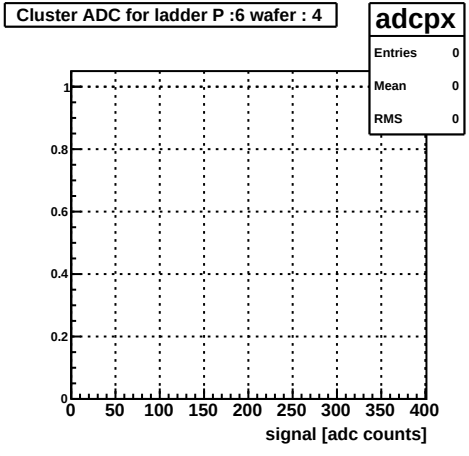

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

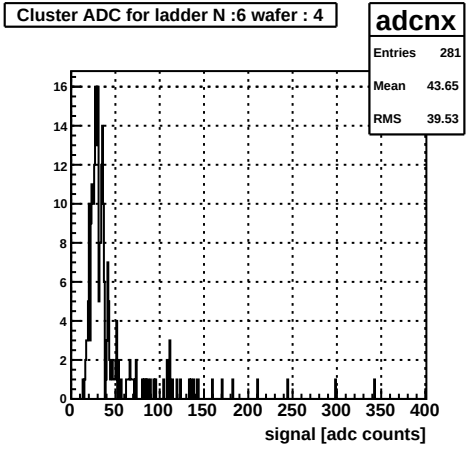

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 370
Mean 48.99
RMS 41.09
signal [adc counts]

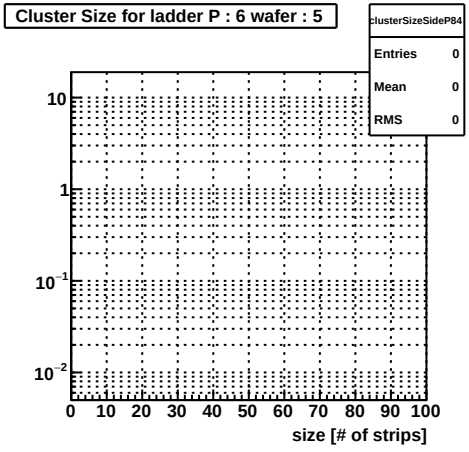

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 0
Mean 0
RMS 0
size [# of strips]

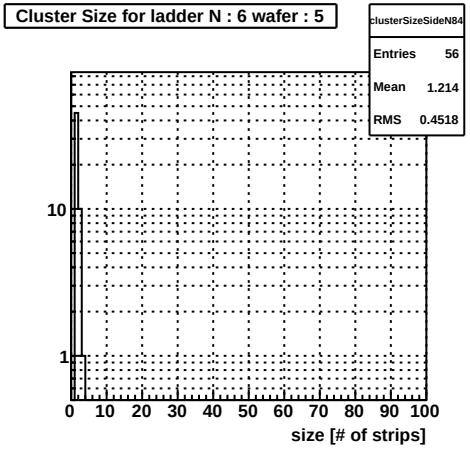

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 281
Mean 1.249
RMS 0.7882
size [# of strips]

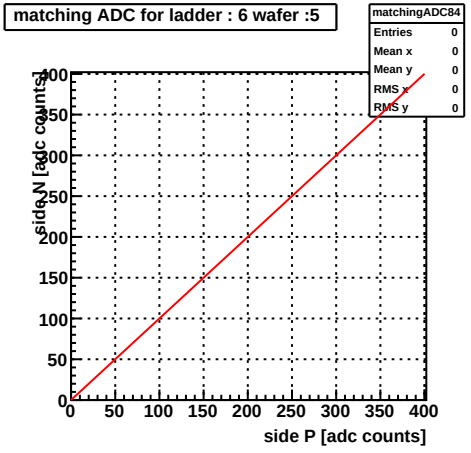

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

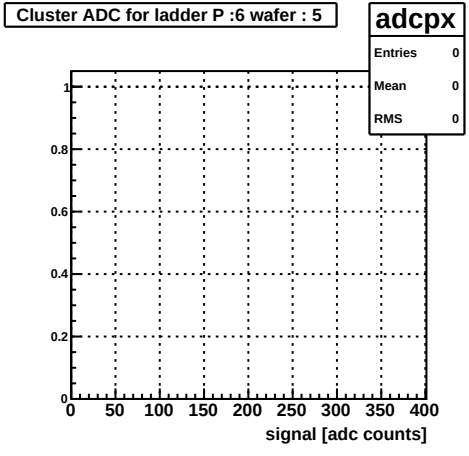

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

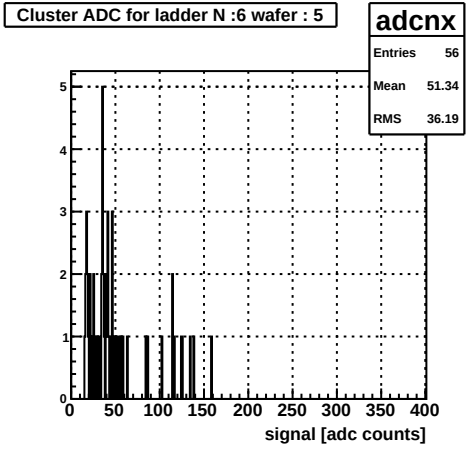

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 281
Mean 43.65
RMS 39.53
signal [adc counts]

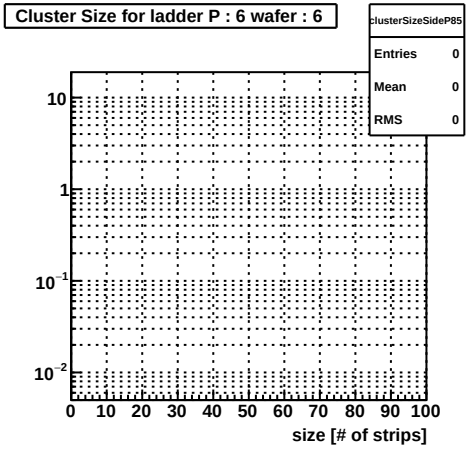

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 0
Mean 0
RMS 0
size [# of strips]

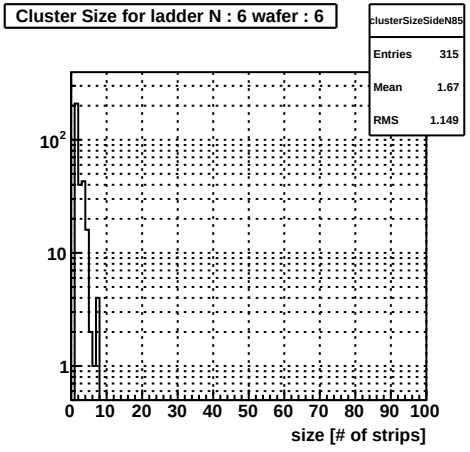

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 56
Mean 1.214
RMS 0.4518
size [# of strips]

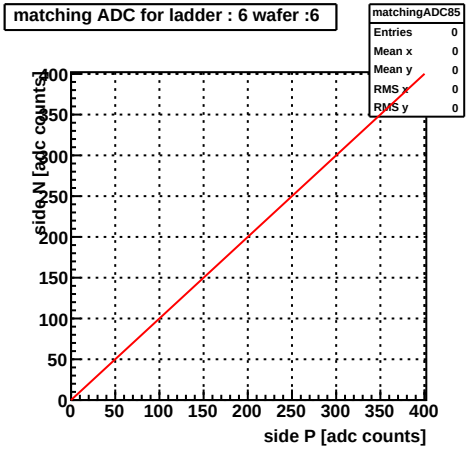

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

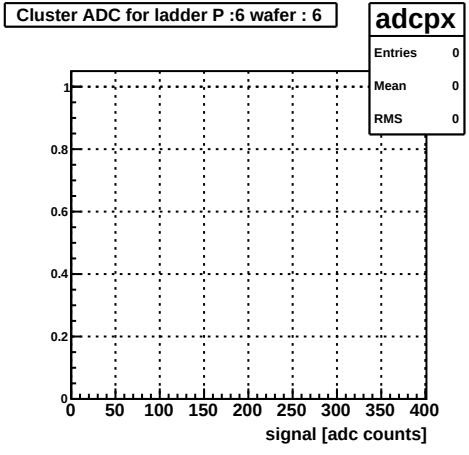

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

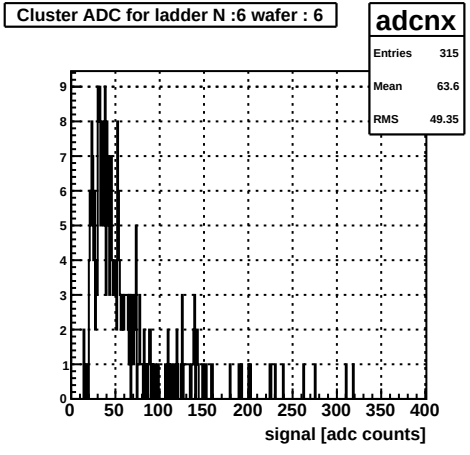

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 56
Mean 51.34
RMS 36.19
signal [adc counts]

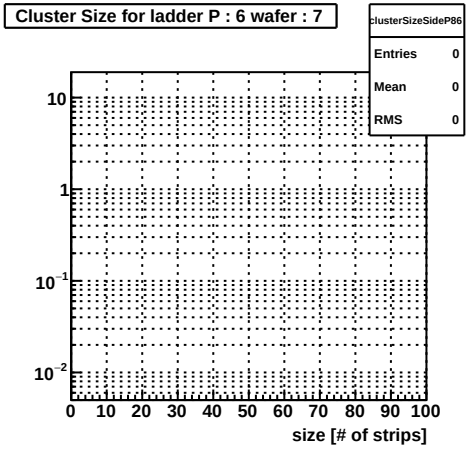

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 0
Mean 0
RMS 0
size [# of strips]

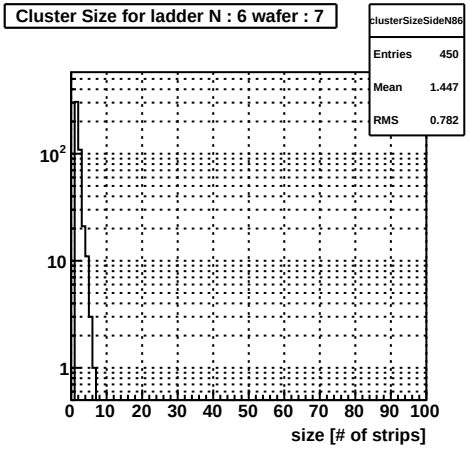

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 315
Mean 1.67
RMS 1.149
size [# of strips]

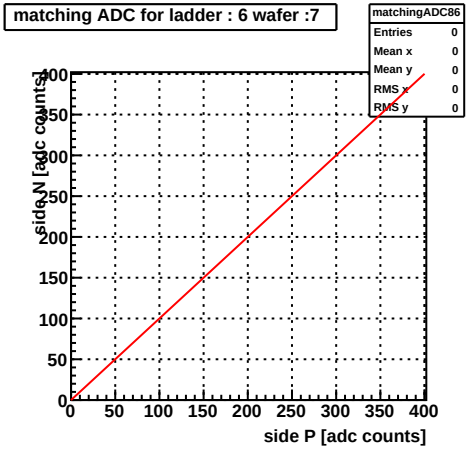

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

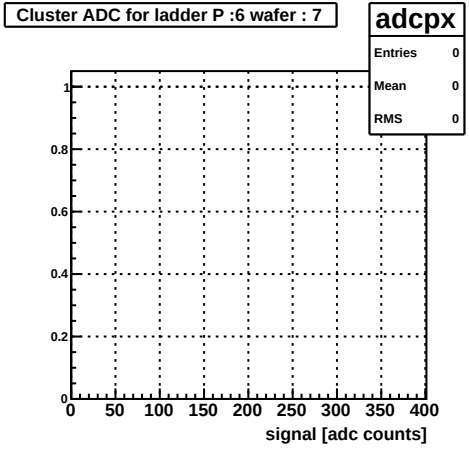

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

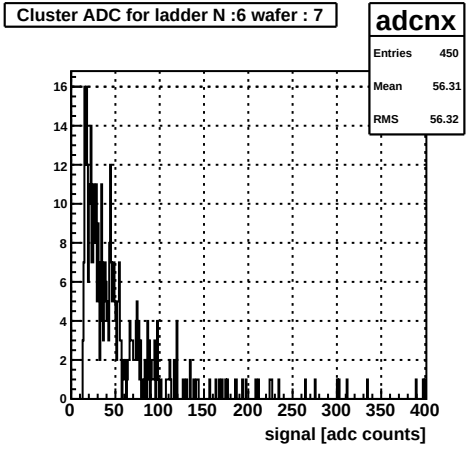

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 315
Mean 63.6
RMS 49.35
signal [adc counts]

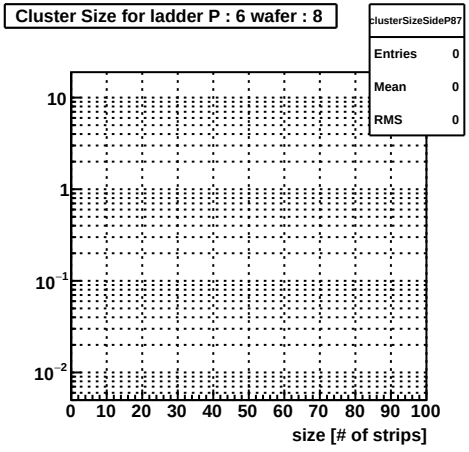

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 0
Mean 0
RMS 0
size [# of strips]

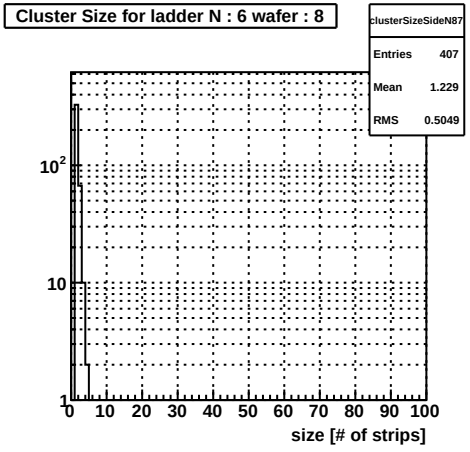

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 450
Mean 1.447
RMS 0.782
size [# of strips]

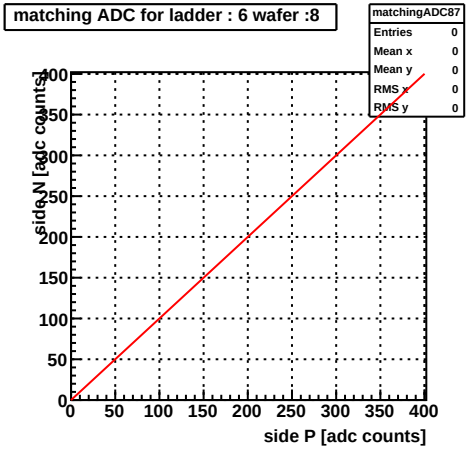

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

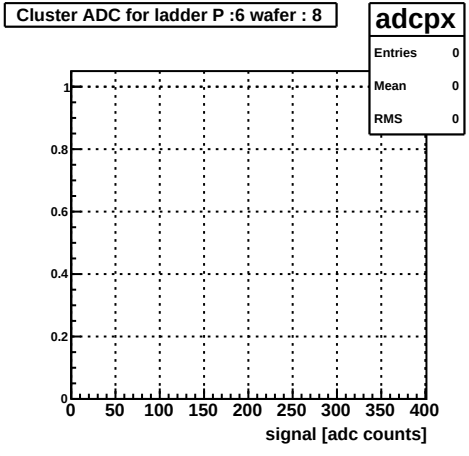

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

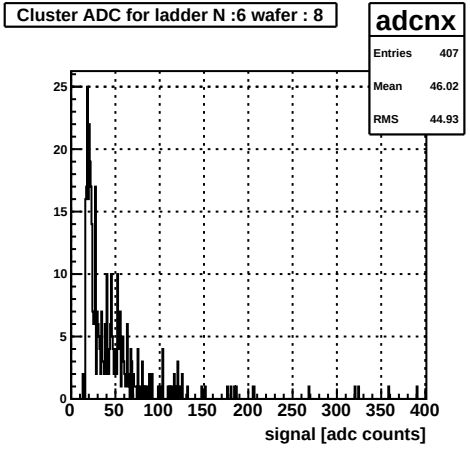

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 450
Mean 56.31
RMS 56.32
signal [adc counts]

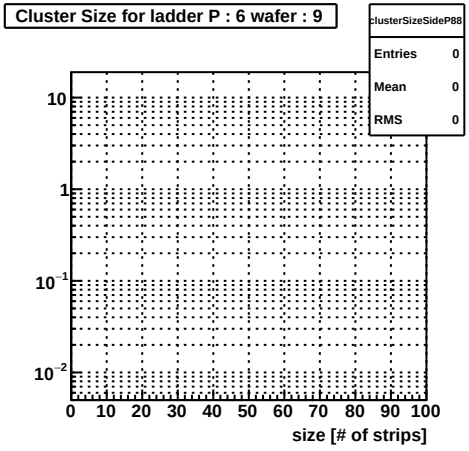

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 0
Mean 0
RMS 0
size [# of strips]

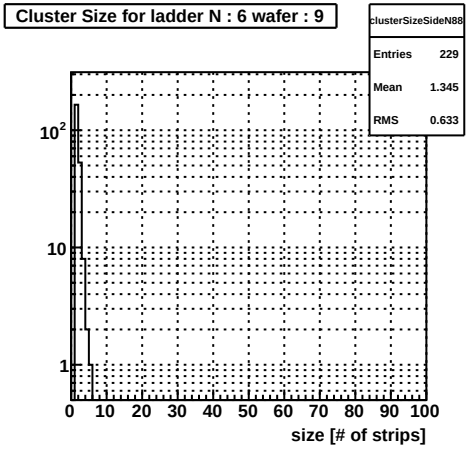

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 407
Mean 1.229
RMS 0.5049
size [# of strips]

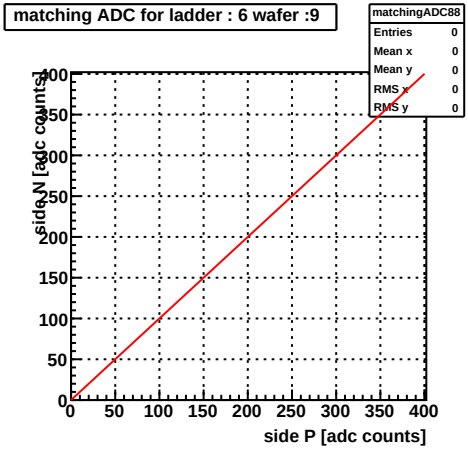

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

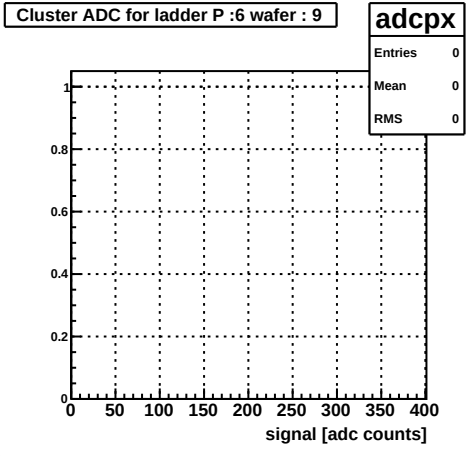

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

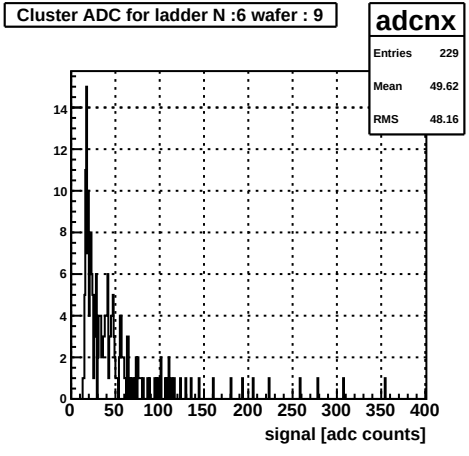

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 407
Mean 46.02
RMS 44.93
signal [adc counts]

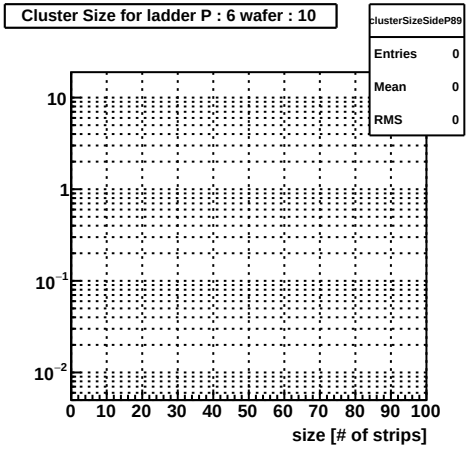

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 0
Mean 0
RMS 0
size [# of strips]

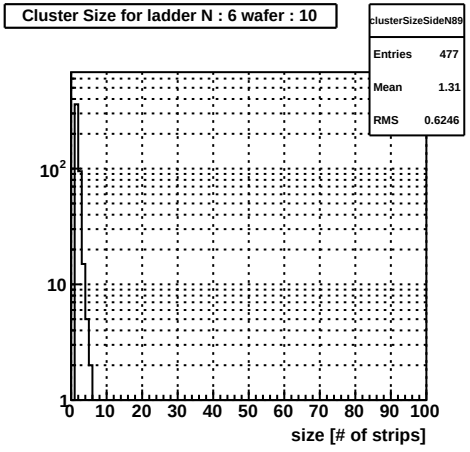

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 229
Mean 1.345
RMS 0.633
size [# of strips]

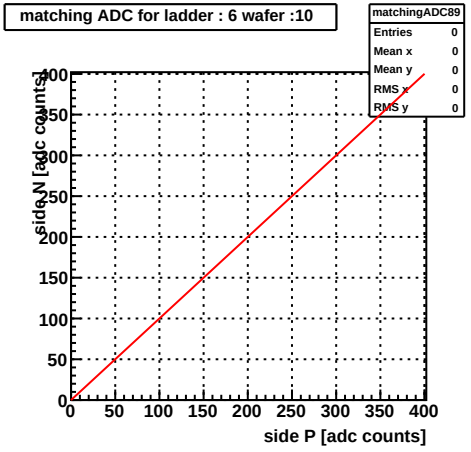

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

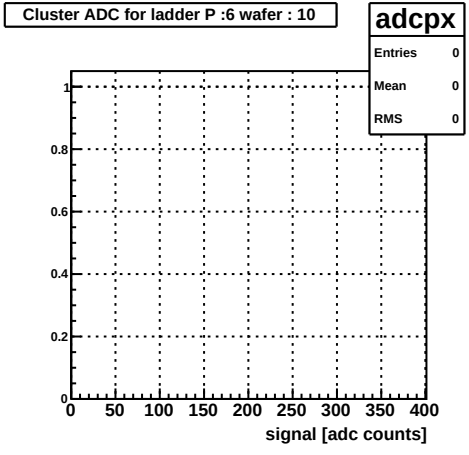

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

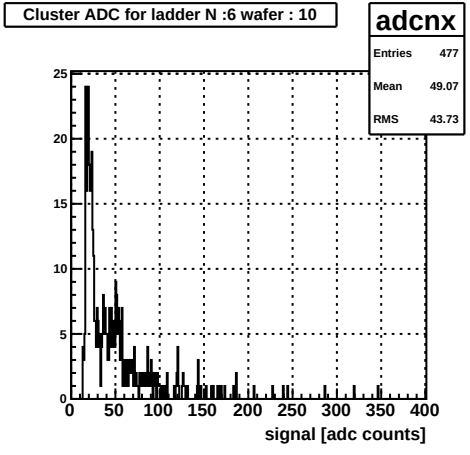

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 229
Mean 49.62
RMS 48.16
signal [adc counts]

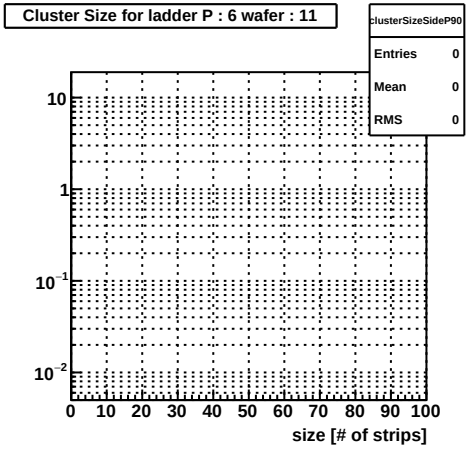

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 0
Mean 0
RMS 0
size [# of strips]

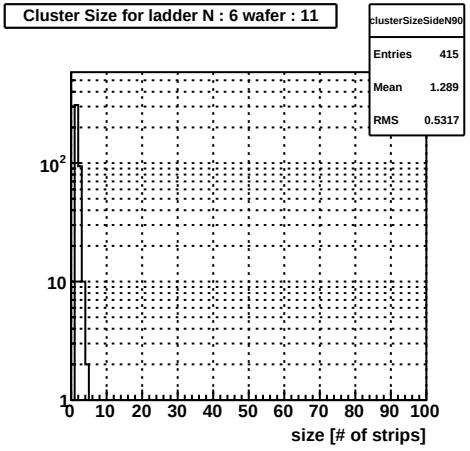

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 477
Mean 1.31
RMS 0.6246
size [# of strips]

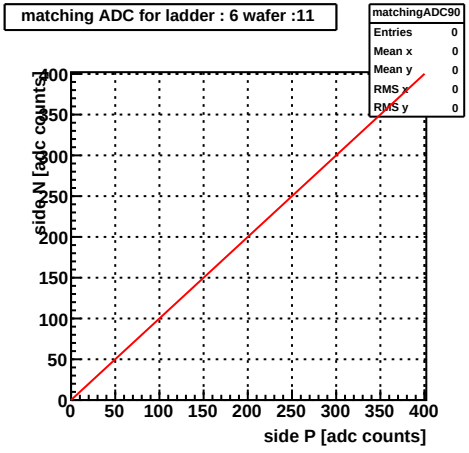

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

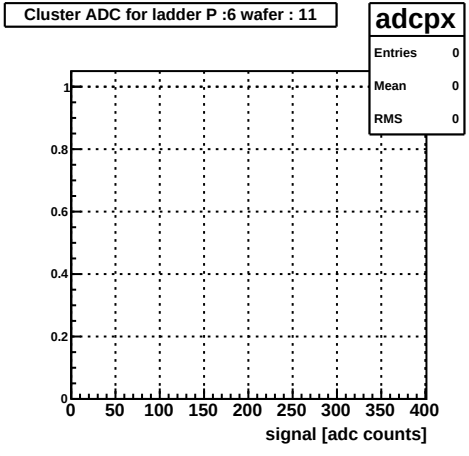

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

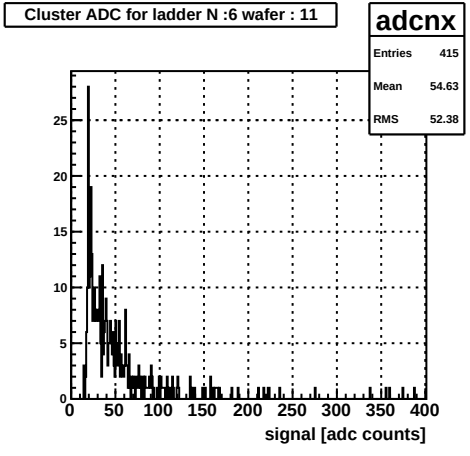

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 477
Mean 49.07
RMS 43.73
signal [adc counts]

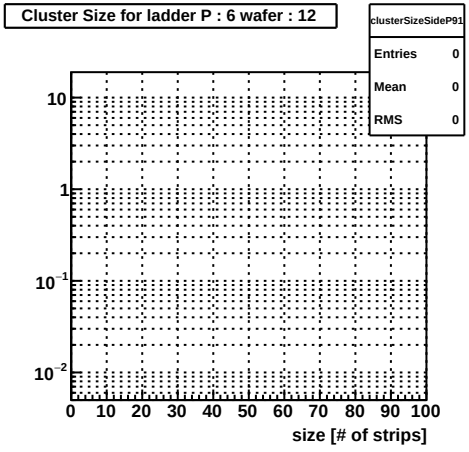

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 0
Mean 0
RMS 0
size [# of strips]

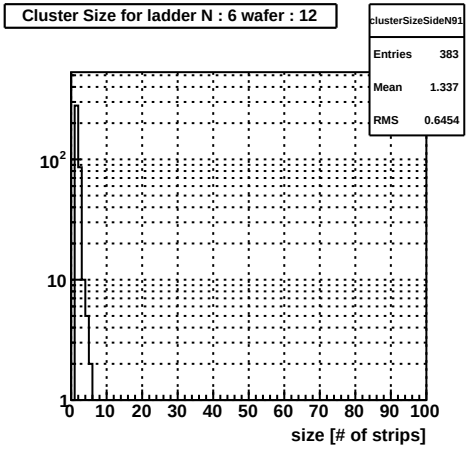

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 415
Mean 1.289
RMS 0.5317
size [# of strips]

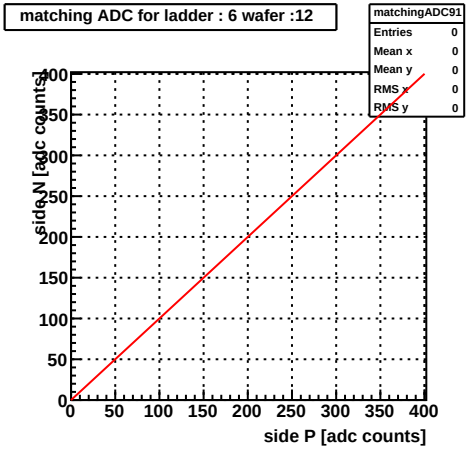

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

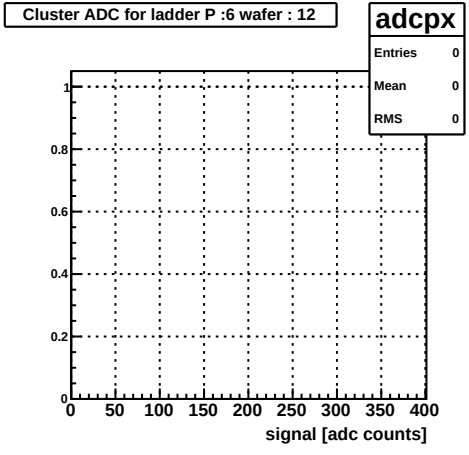

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

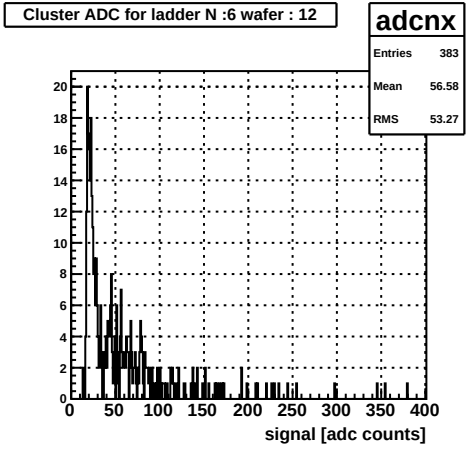

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 415
Mean 54.63
RMS 52.38
signal [adc counts]

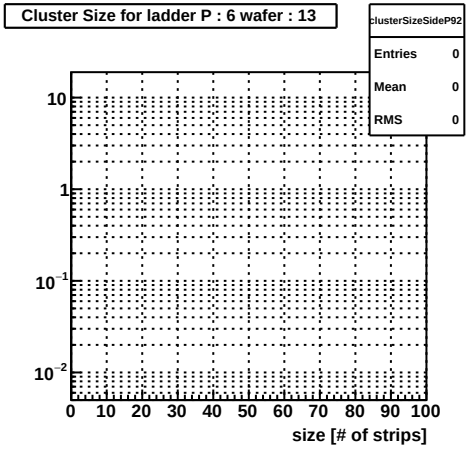

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

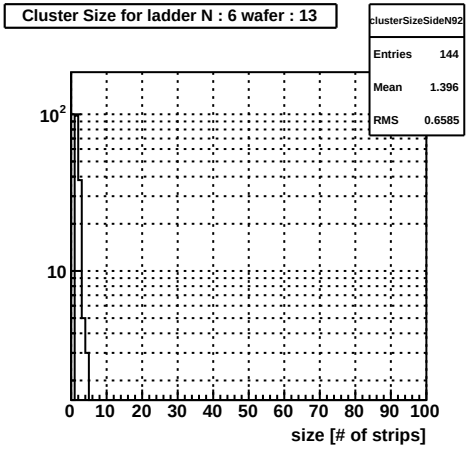

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 383
Mean 1.337
RMS 0.6454
size [# of strips]

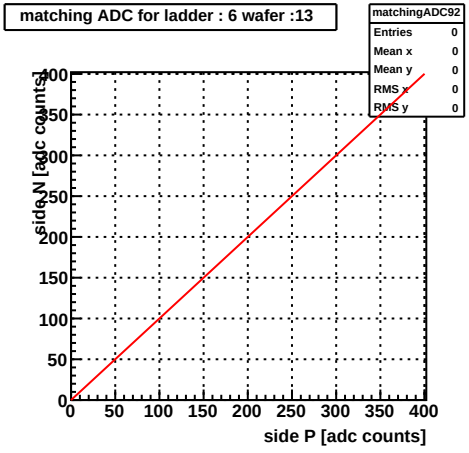

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

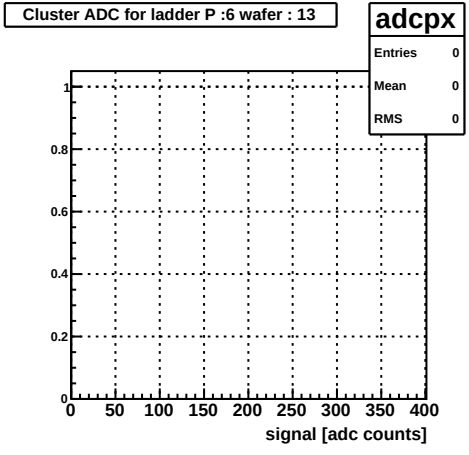

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

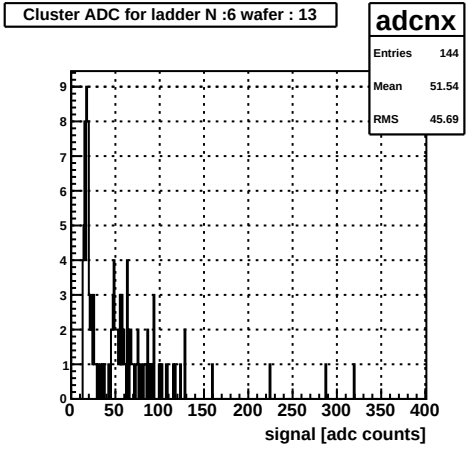

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 383
Mean 56.58
RMS 53.27
signal [adc counts]

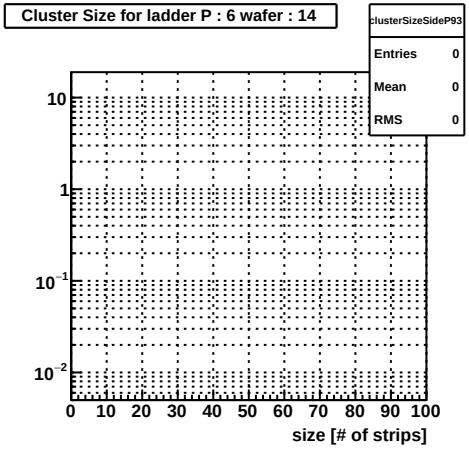

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 0
Mean 0
RMS 0
size [# of strips]

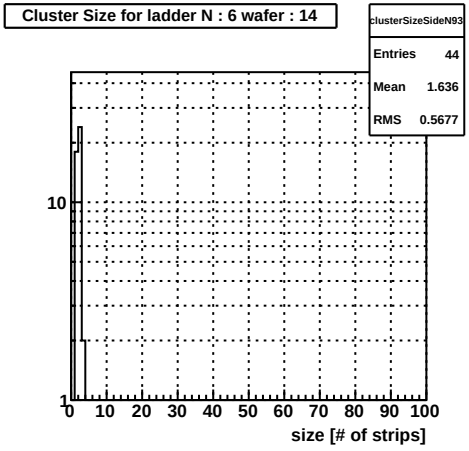

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 144
Mean 1.396
RMS 0.6585
size [# of strips]

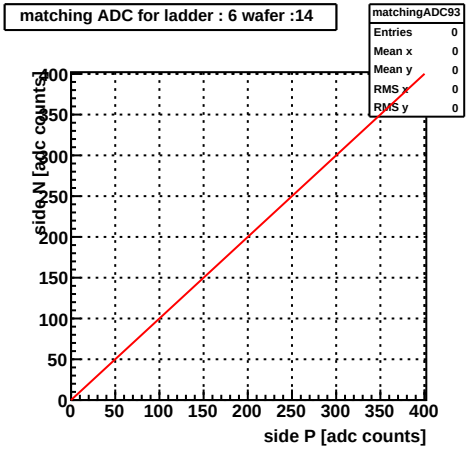

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

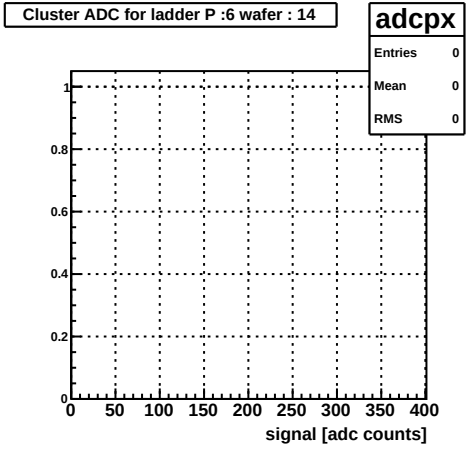

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

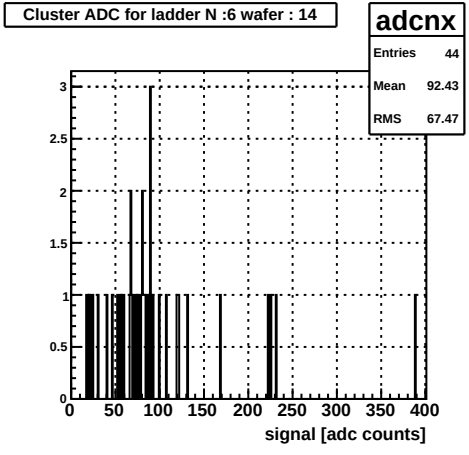

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 144
Mean 51.54
RMS 45.69
signal [adc counts]

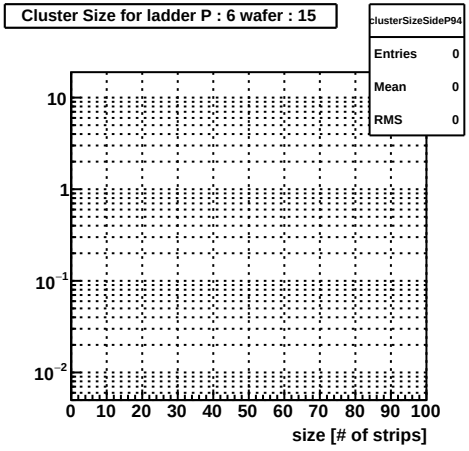

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 0
Mean 0
RMS 0
size [# of strips]

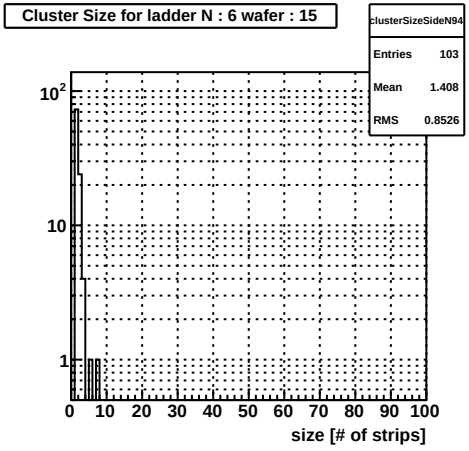

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 44
Mean 1.636
RMS 0.5677
size [# of strips]

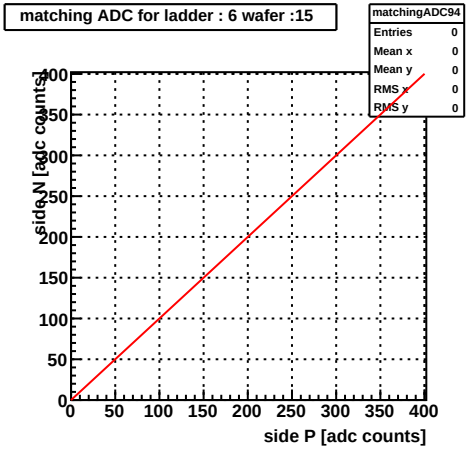

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

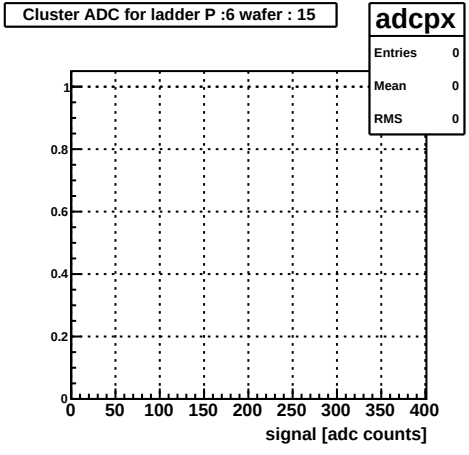

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

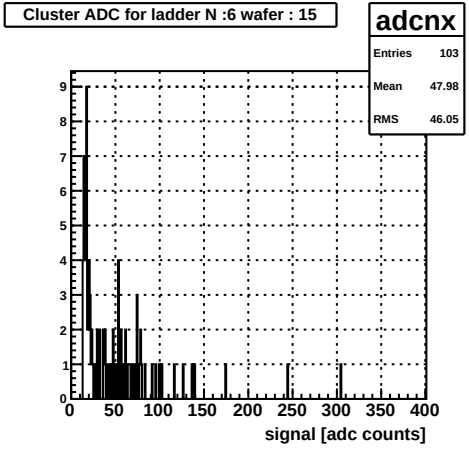

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 44
Mean 92.43
RMS 67.47
signal [adc counts]

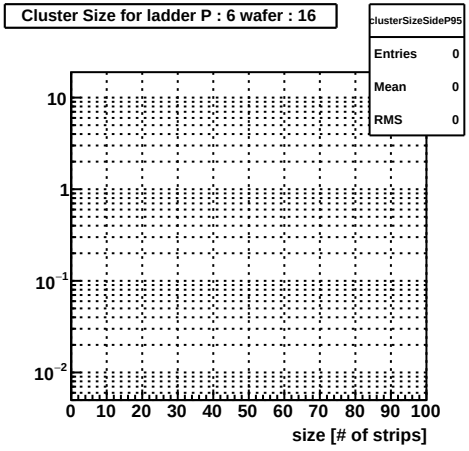

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

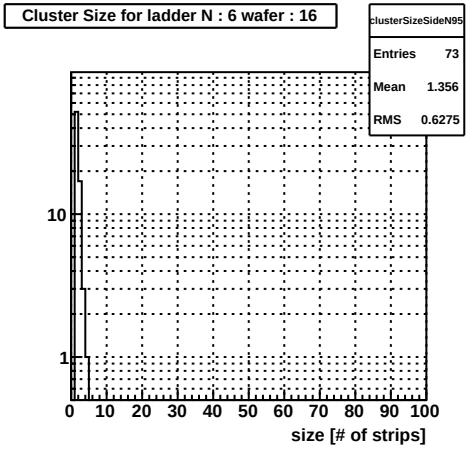

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 103
Mean 1.408
RMS 0.8526
size [# of strips]

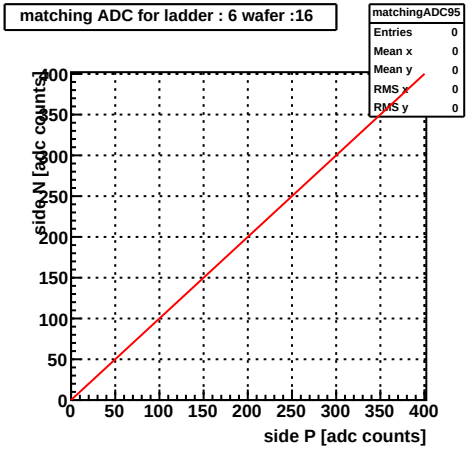

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

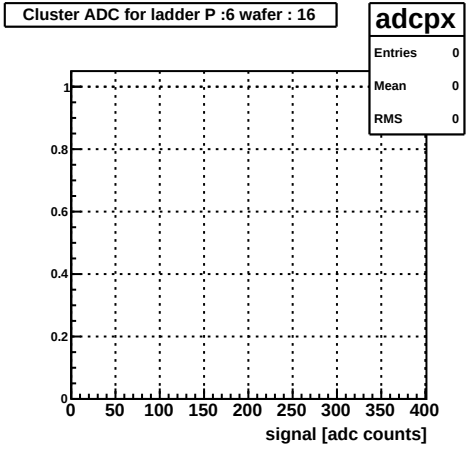

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

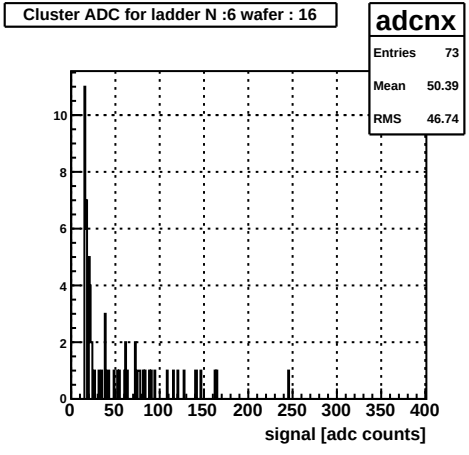

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 103
Mean 47.98
RMS 46.05
signal [adc counts]

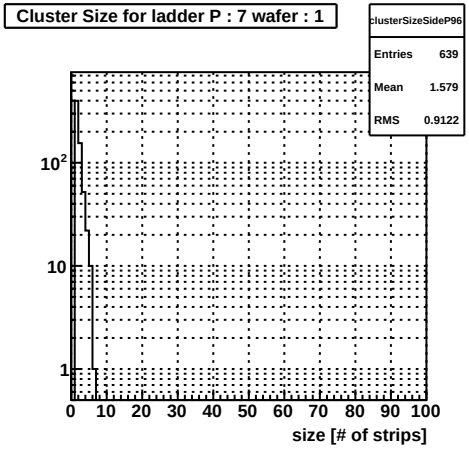

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

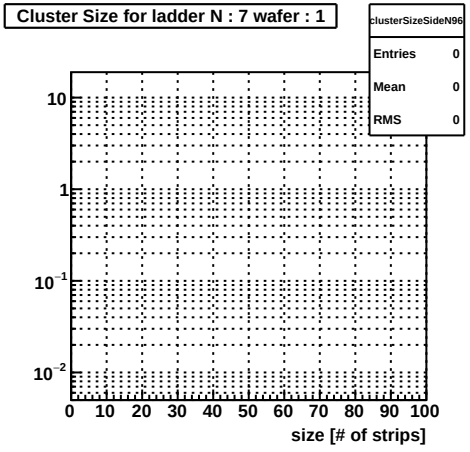

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 73
Mean 1.356
RMS 0.6275
size [# of strips]

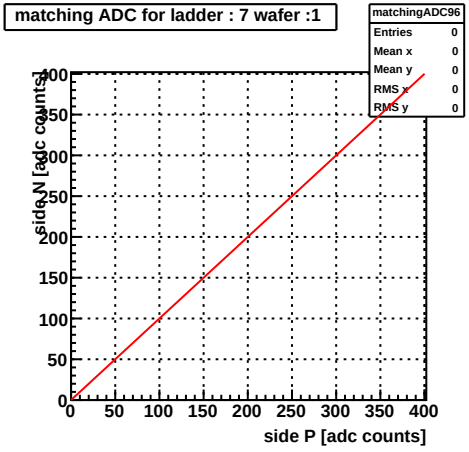

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

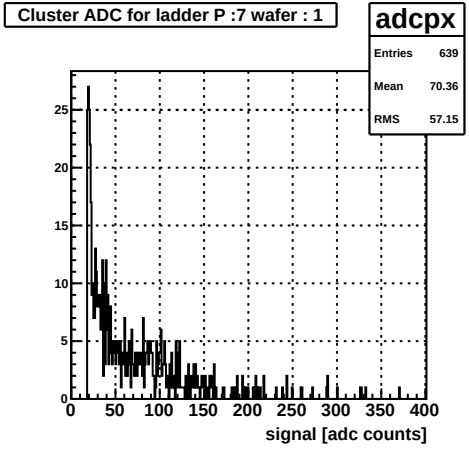

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

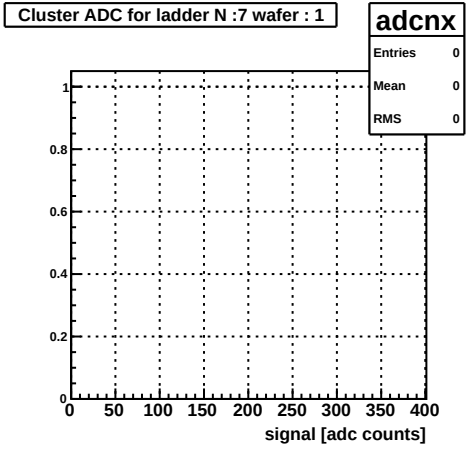

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 73
Mean 50.39
RMS 46.74
signal [adc counts]

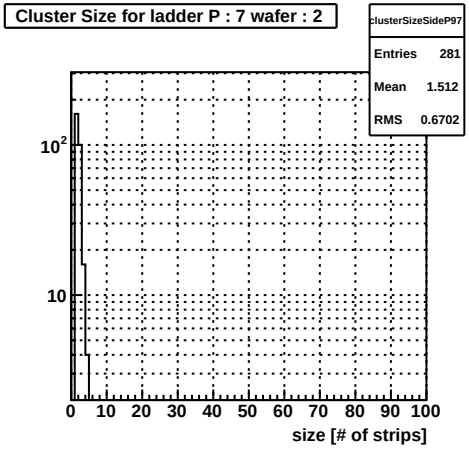

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 639
Mean 1.579
RMS 0.9122
size [# of strips]

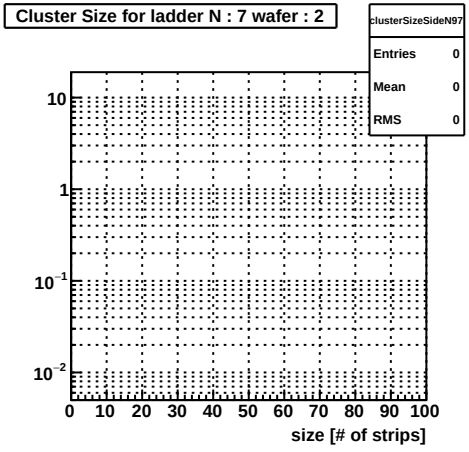

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

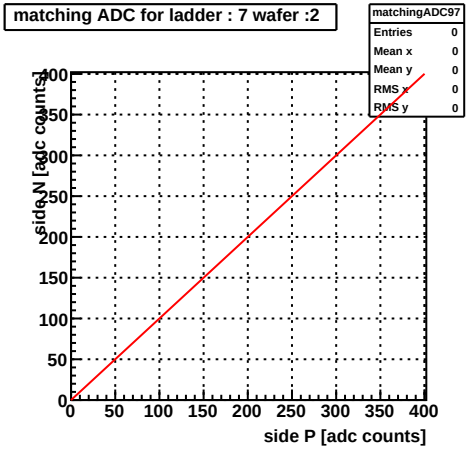

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

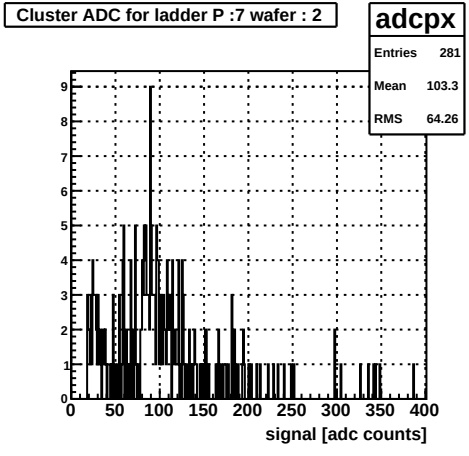

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 639
Mean 70.36
RMS 57.15
signal [adc counts]

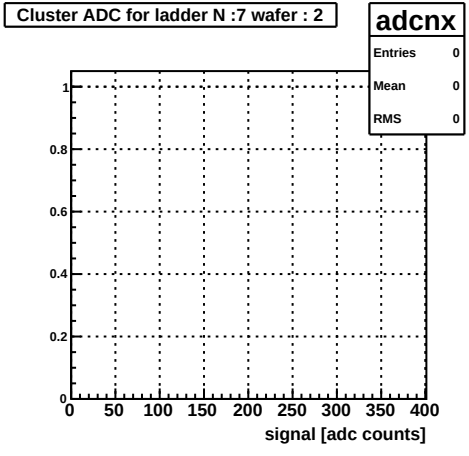

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

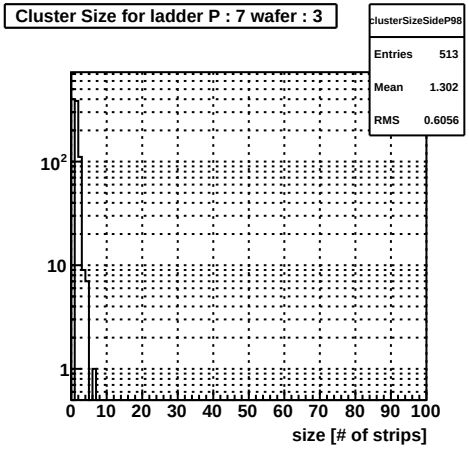

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 281
Mean 1.512
RMS 0.6702
size [# of strips]

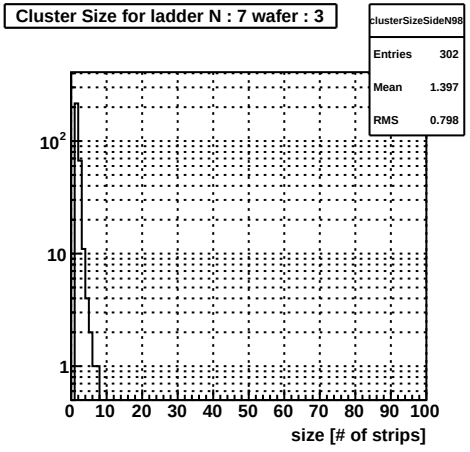

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

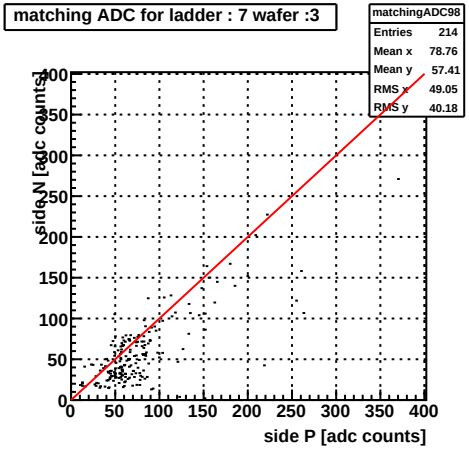

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

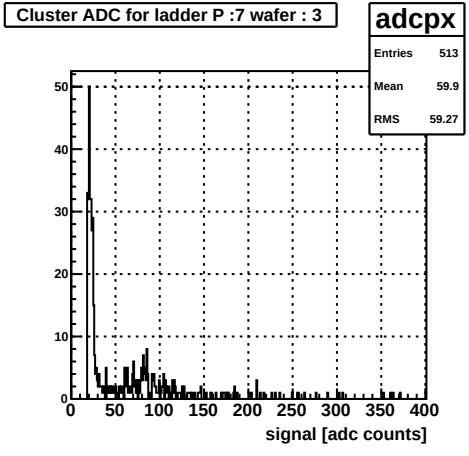

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 281
Mean 103.3
RMS 64.26
signal [adc counts]

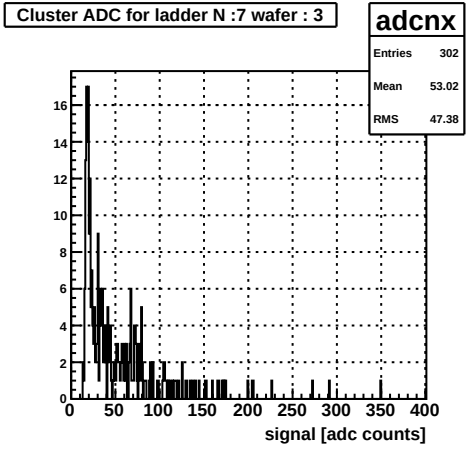

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

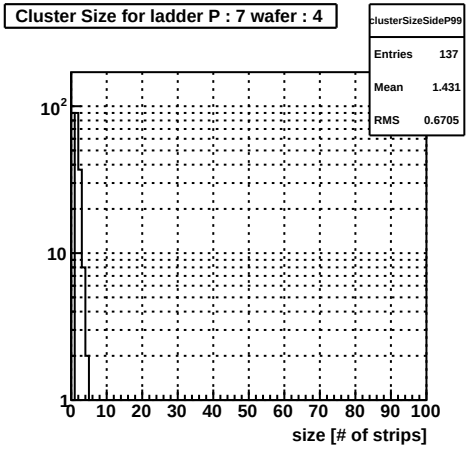

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 513
Mean 1.302
RMS 0.6056
size [# of strips]

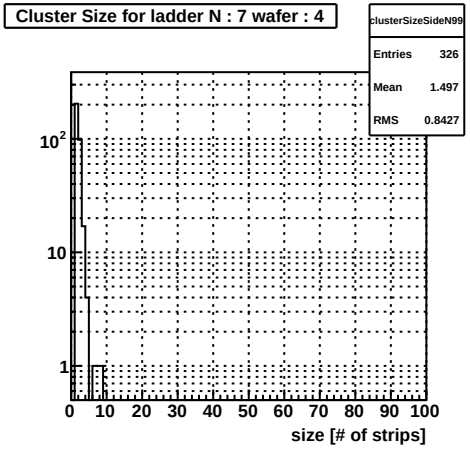

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 302
Mean 1.397
RMS 0.798
size [# of strips]

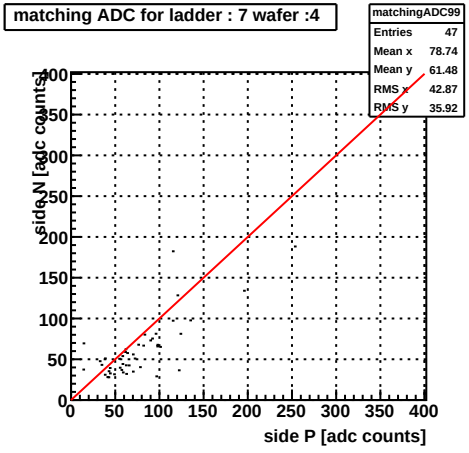

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 214
Mean x 78.76
Mean y 57.41
RMS x 49.05
RMS y 40.18
side N [adc counts]
side P [adc counts]

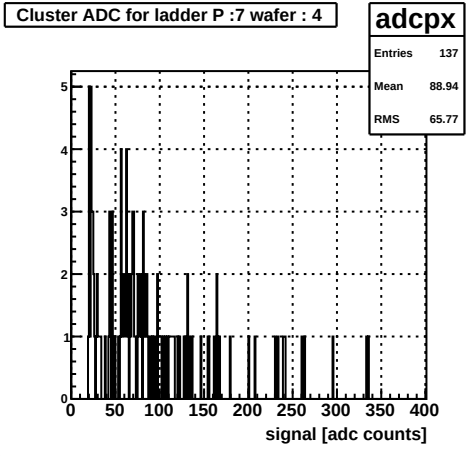

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 513
Mean 59.9
RMS 59.27
signal [adc counts]

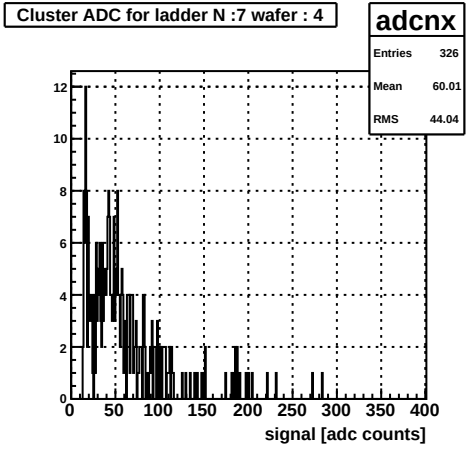

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 302
Mean 53.02
RMS 47.38
signal [adc counts]

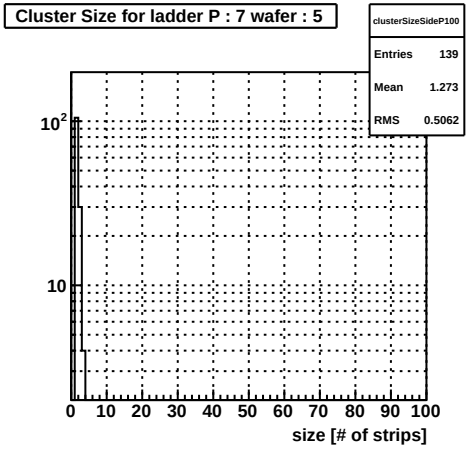

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 137
Mean 1.431
RMS 0.6705
size [# of strips]

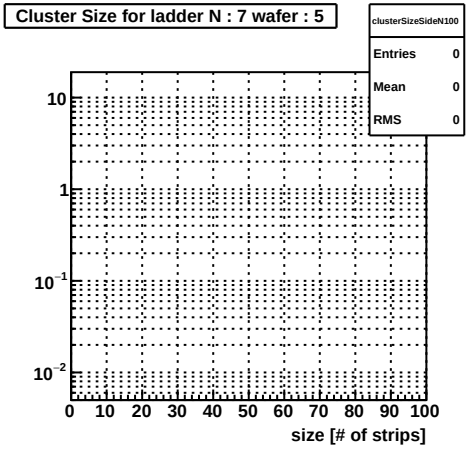

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 326
Mean 1.497
RMS 0.8427
size [# of strips]

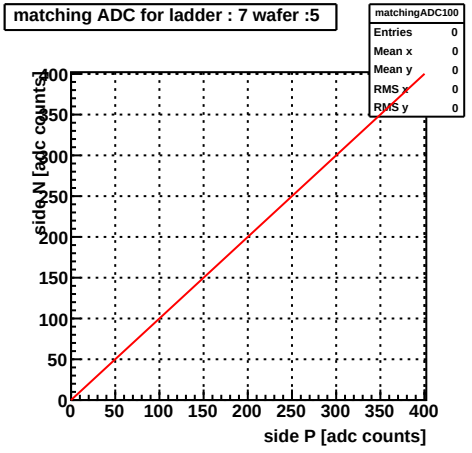

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 47
Mean x 78.74
Mean y 61.48
RMS x 42.87
RMS y 35.92
side N [adc counts]
side P [adc counts]

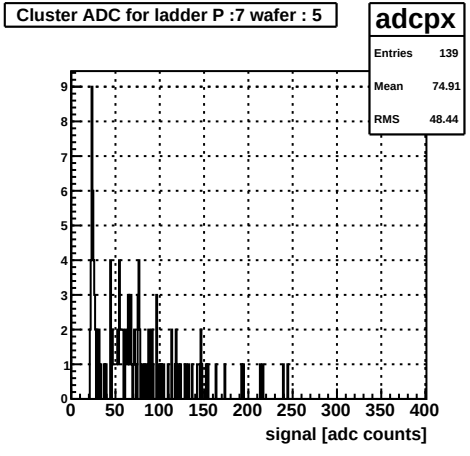

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 137
Mean 88.94
RMS 65.77
signal [adc counts]

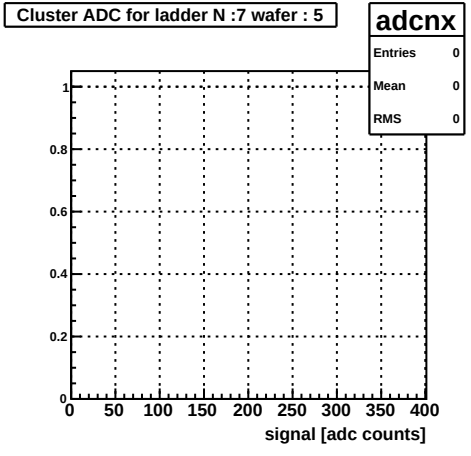

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 326
Mean 60.01
RMS 44.04
signal [adc counts]

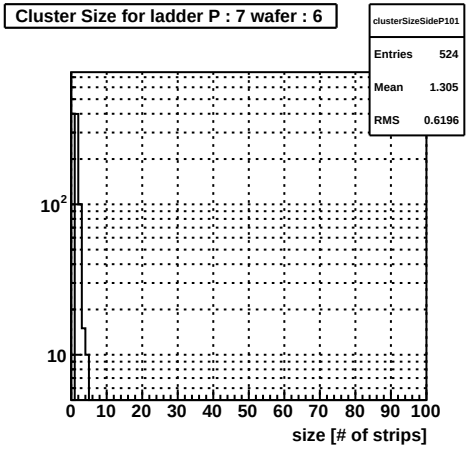

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 139
Mean 1.273
RMS 0.5062
size [# of strips]

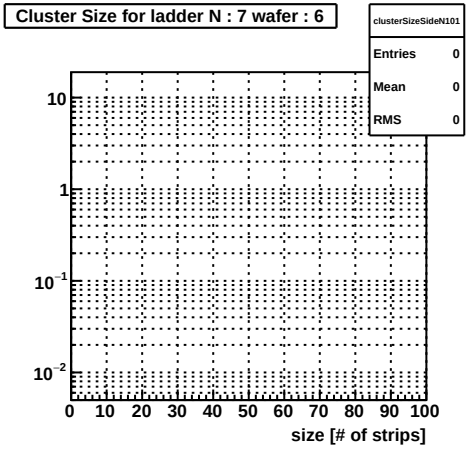

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

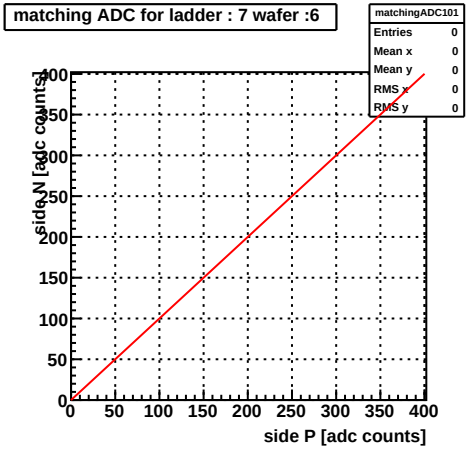

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

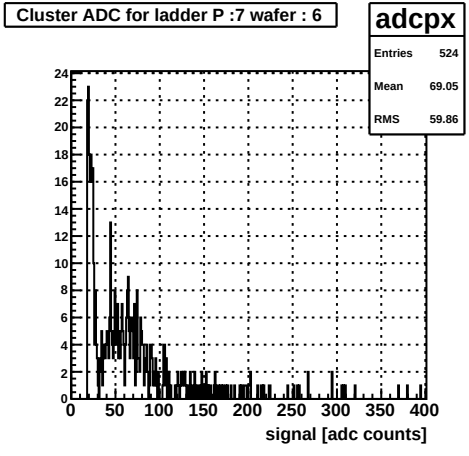

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 139
Mean 74.91
RMS 48.44
signal [adc counts]

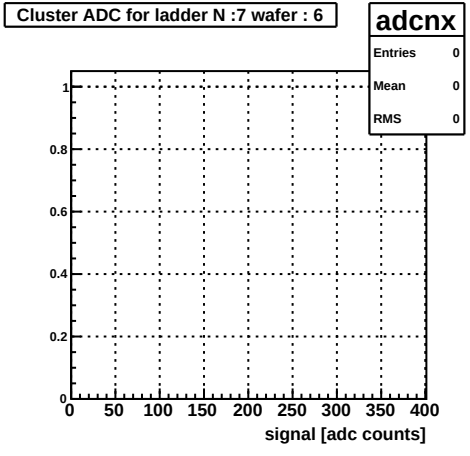

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

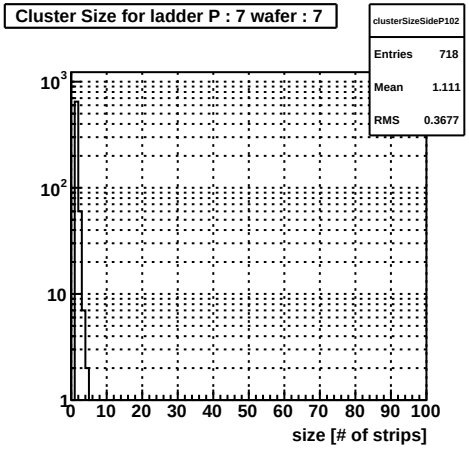

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 524
Mean 1.305
RMS 0.6196
size [# of strips]

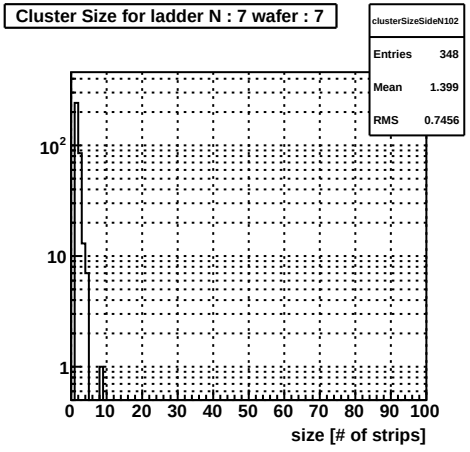

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

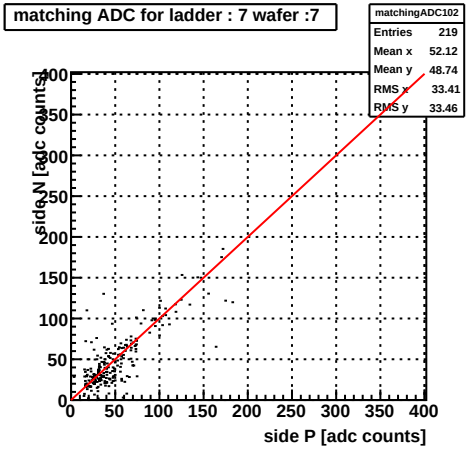

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

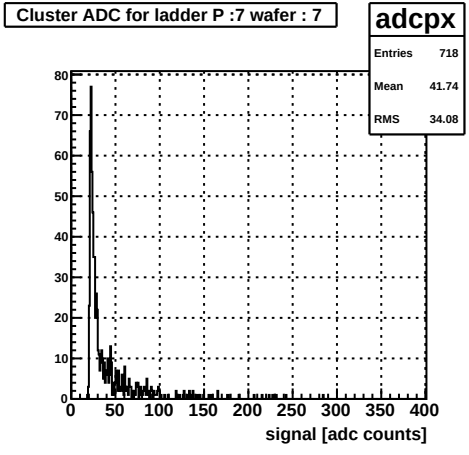

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 524
Mean 69.05
RMS 59.86
signal [adc counts]

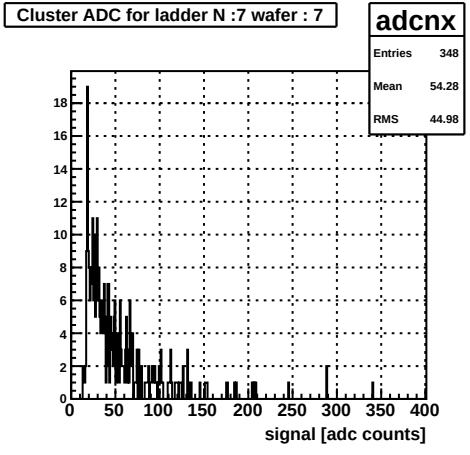

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

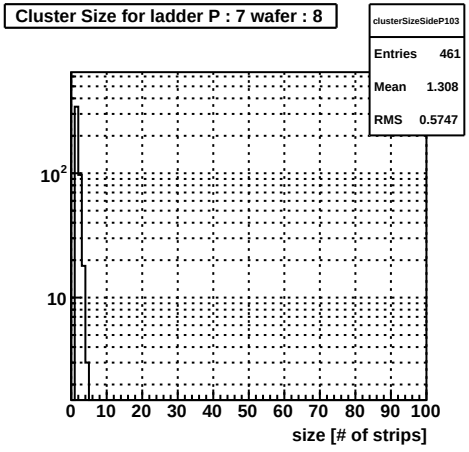

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 718
Mean 1.111
RMS 0.3677
size [# of strips]

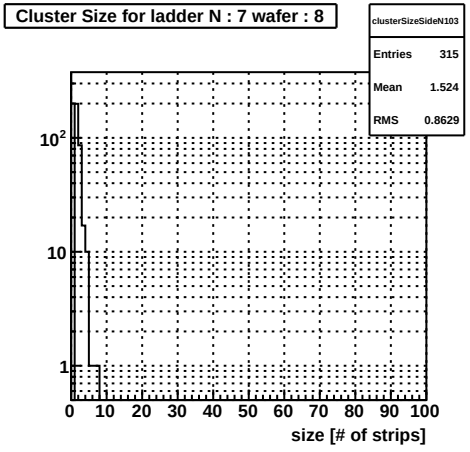

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 348
Mean 1.399
RMS 0.7456
size [# of strips]

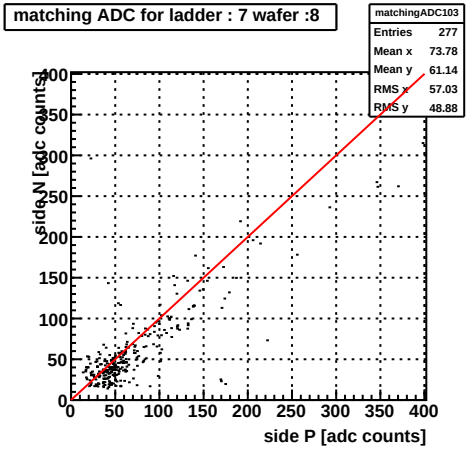

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 219
Mean x 52.12
Mean y 48.74
RMS x 33.41
RMS y 33.46
side N [adc counts]
side P [adc counts]

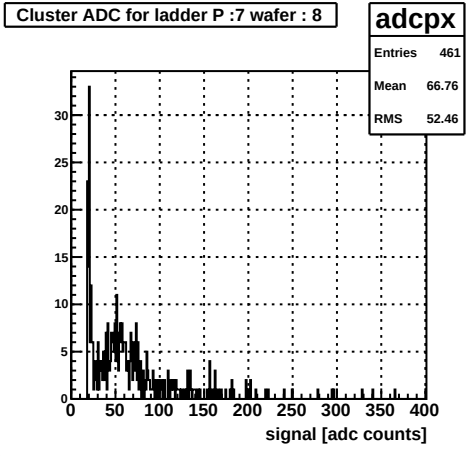

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 718
Mean 41.74
RMS 34.08
signal [adc counts]

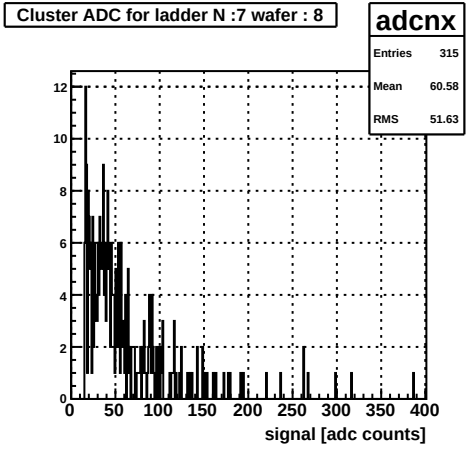

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 348
Mean 54.28
RMS 44.98
signal [adc counts]

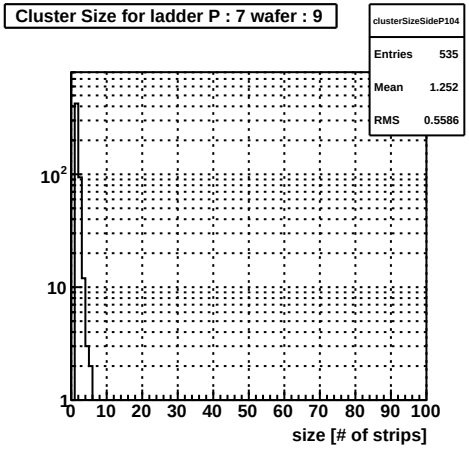

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 461
Mean 1.308
RMS 0.5747
size [# of strips]

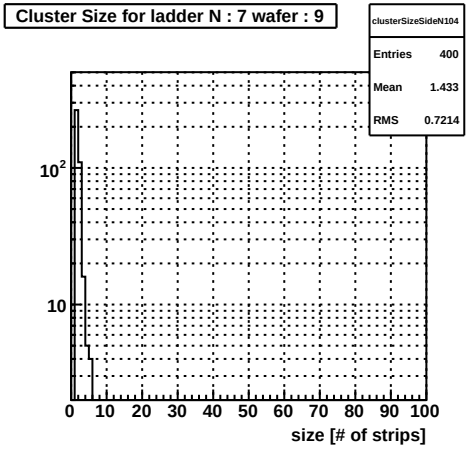

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 315
Mean 1.524
RMS 0.8629
size [# of strips]

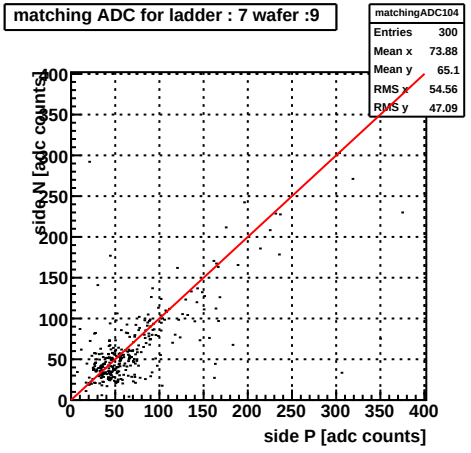

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 277
Mean x 73.78
Mean y 61.14
RMS x 57.03
RMS y 48.88
side N [adc counts]
side P [adc counts]

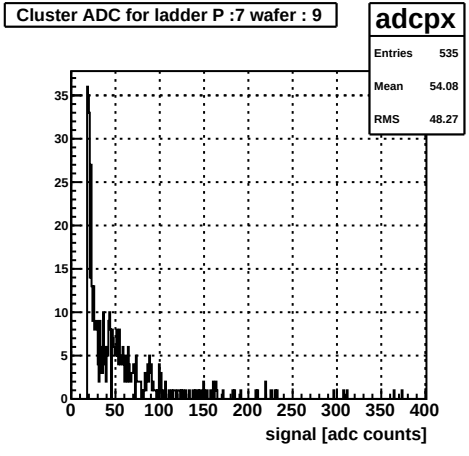

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 461
Mean 66.76
RMS 52.46
signal [adc counts]

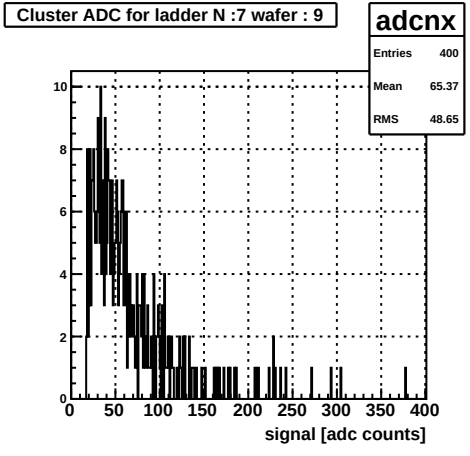

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 315
Mean 60.58
RMS 51.63
signal [adc counts]

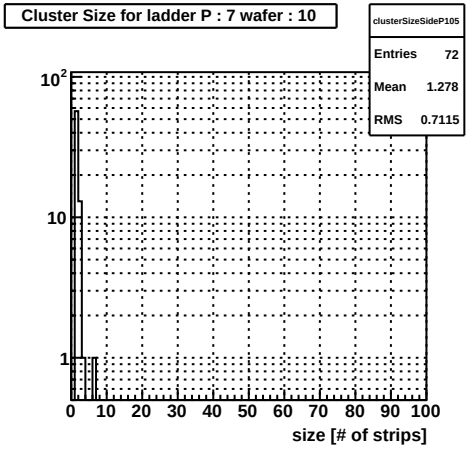

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 535
Mean 1.252
RMS 0.5586
size [# of strips]

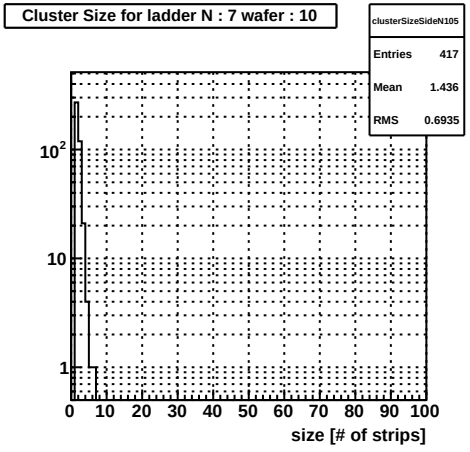

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 400
Mean 1.433
RMS 0.7214
size [# of strips]

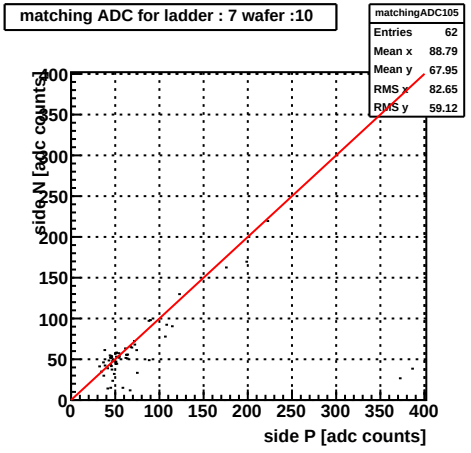

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 300
Mean x 73.88
Mean y 65.1
RMS x 54.56
RMS y 47.09
side N [adc counts]
side P [adc counts]

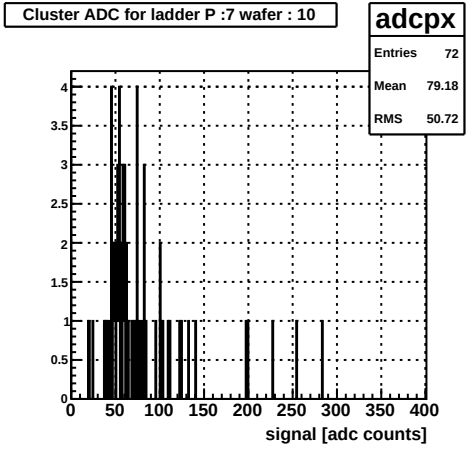

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 535
Mean 54.08
RMS 48.27
signal [adc counts]

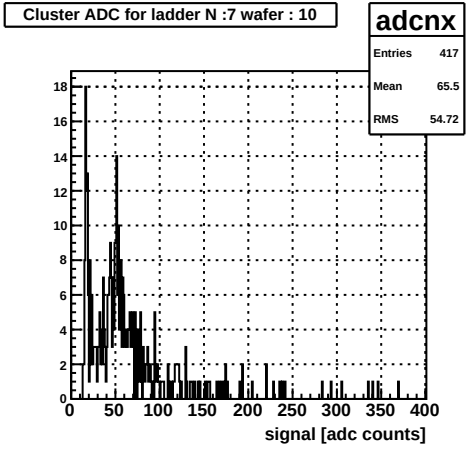

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 400
Mean 65.37
RMS 48.65
signal [adc counts]

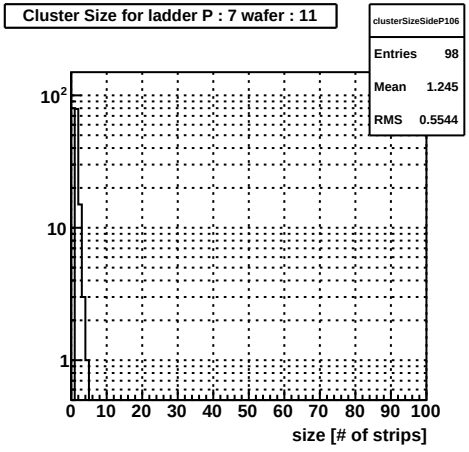

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 72
Mean 1.278
RMS 0.7115
size [# of strips]

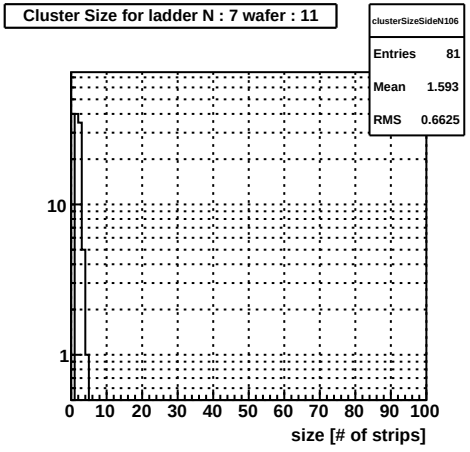

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 417
Mean 1.436
RMS 0.6935
size [# of strips]

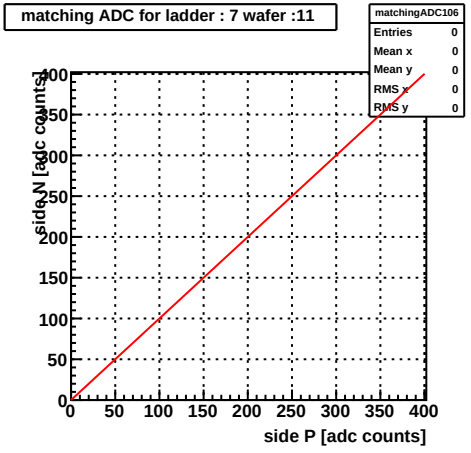

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 62
Mean x 88.79
Mean y 67.95
RMS x 82.65
RMS y 59.12
side N [adc counts]
side P [adc counts]

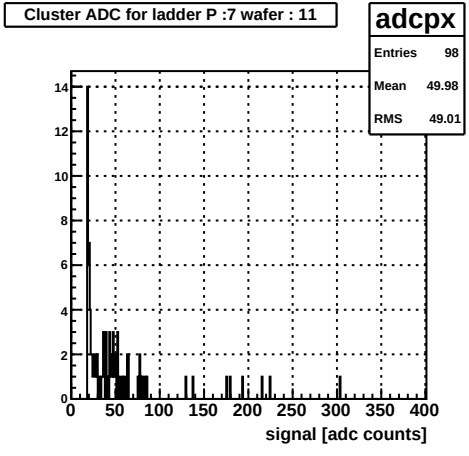

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 72
Mean 79.18
RMS 50.72
signal [adc counts]

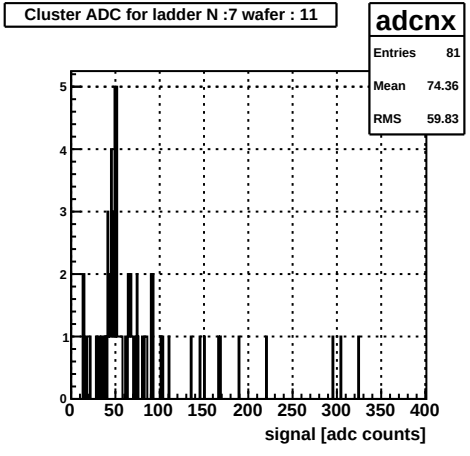

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 417
Mean 65.5
RMS 54.72
signal [adc counts]

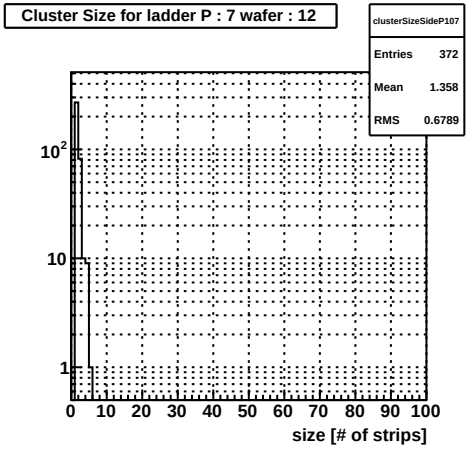

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 98
Mean 1.245
RMS 0.5544
size [# of strips]

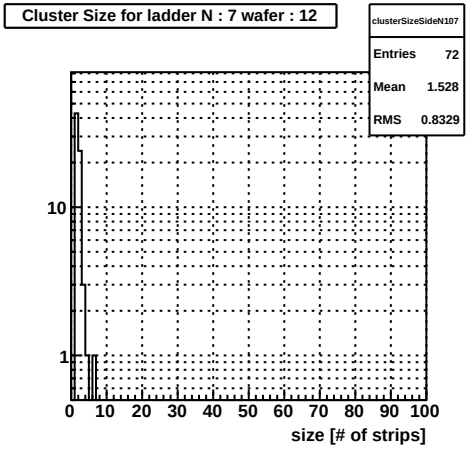

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 81
Mean 1.593
RMS 0.6625
size [# of strips]

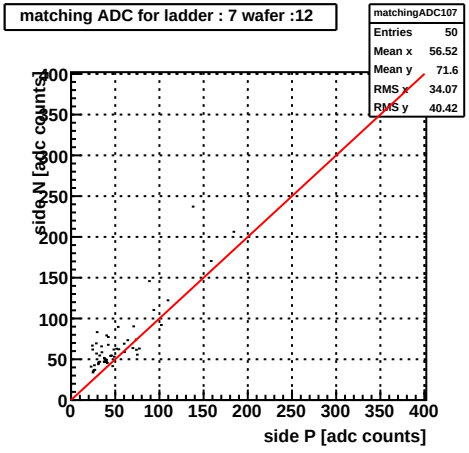

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

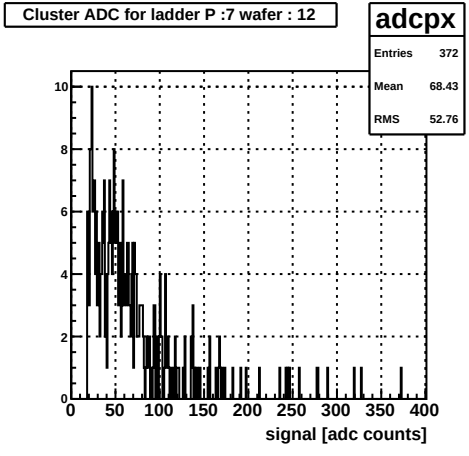

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 98
Mean 49.98
RMS 49.01
signal [adc counts]

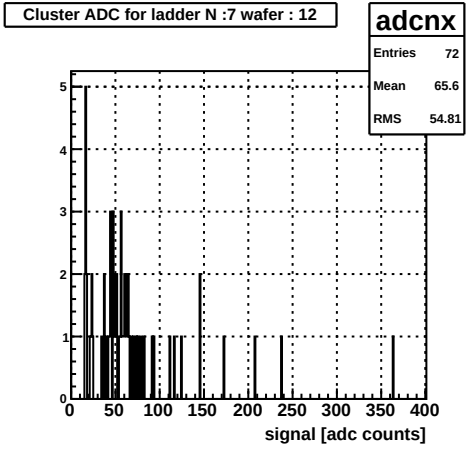

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 81
Mean 74.36
RMS 59.83
signal [adc counts]

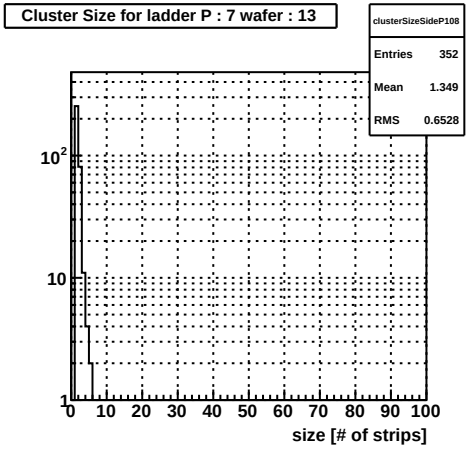

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 372
Mean 1.358
RMS 0.6789
size [# of strips]

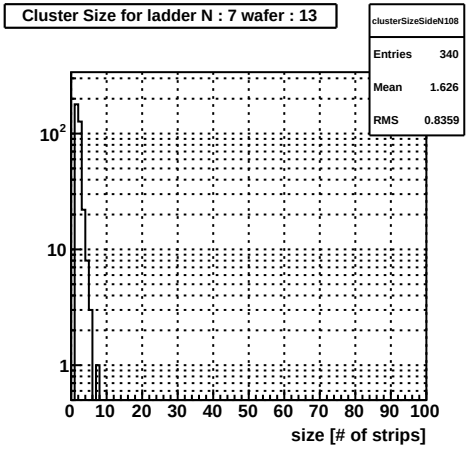

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 72
Mean 1.528
RMS 0.8329
size [# of strips]

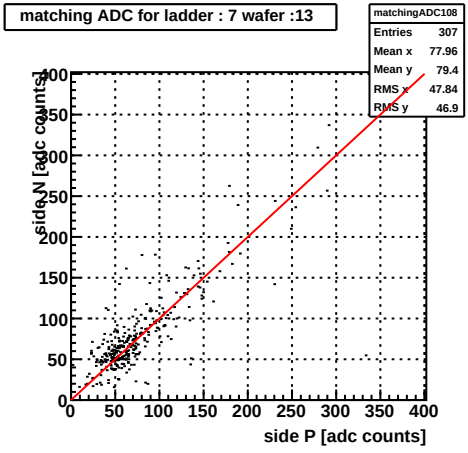

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 50
Mean x 56.52
Mean y 71.6
RMS x 34.07
RMS y 40.42
side N [adc counts]
side P [adc counts]

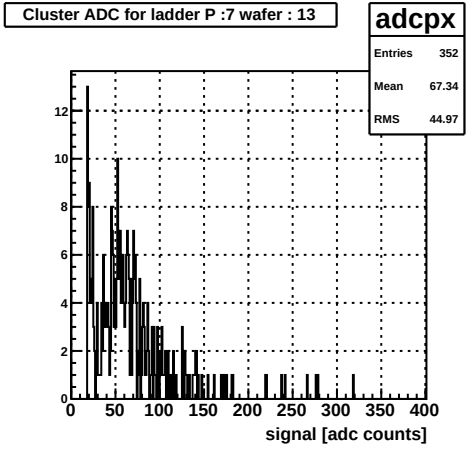

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 372
Mean 68.43
RMS 52.76
signal [adc counts]

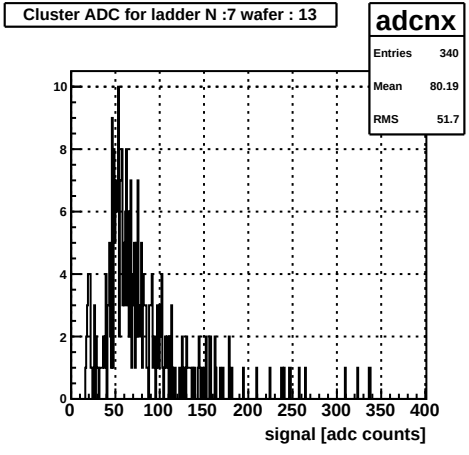

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 72
Mean 65.6
RMS 54.81
signal [adc counts]

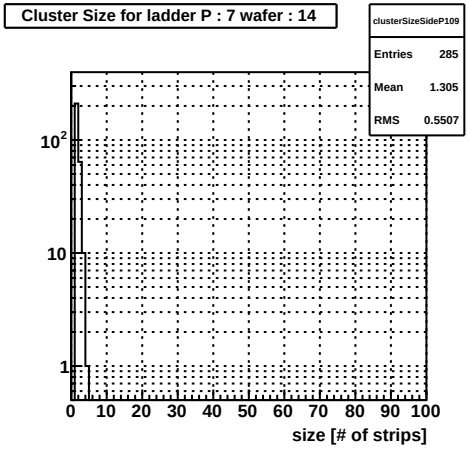

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 352
Mean 1.349
RMS 0.6528
size [# of strips]

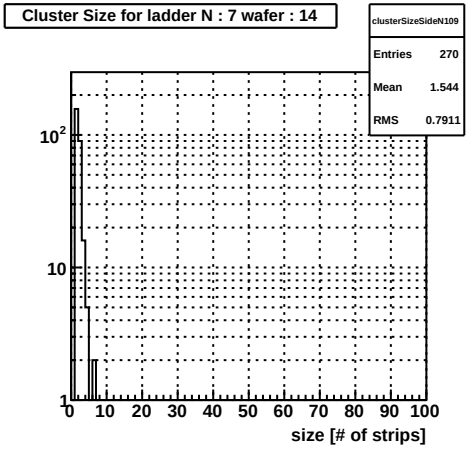

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 340
Mean 1.626
RMS 0.8359
size [# of strips]

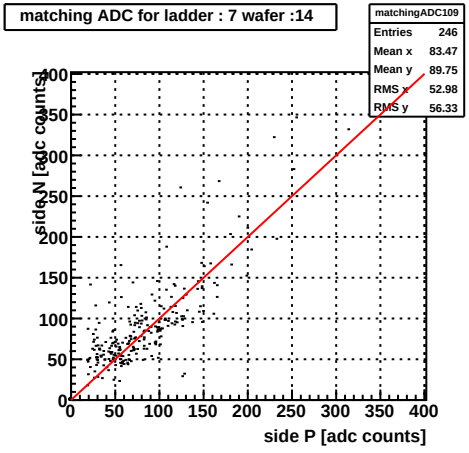

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 307
Mean x 77.96
Mean y 79.4
RMS x 47.84
RMS y 46.9
side N [adc counts]
side P [adc counts]

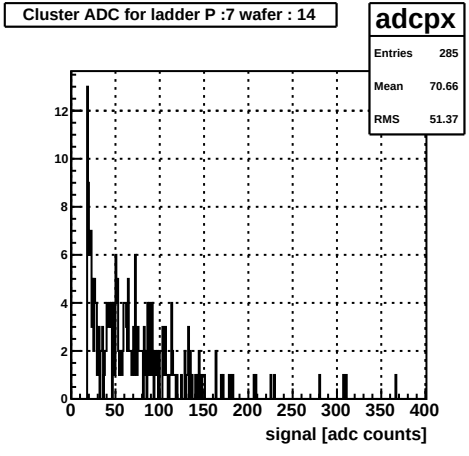

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 352
Mean 67.34
RMS 44.97
signal [adc counts]

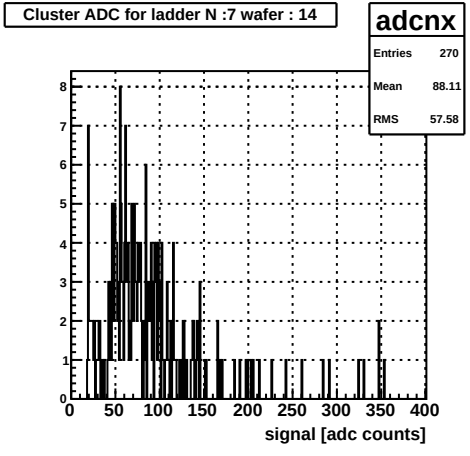

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 340
Mean 80.19
RMS 51.7
signal [adc counts]

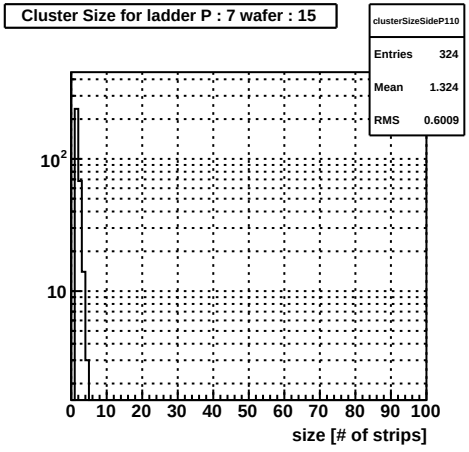

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 285
Mean 1.305
RMS 0.5507
size [# of strips]

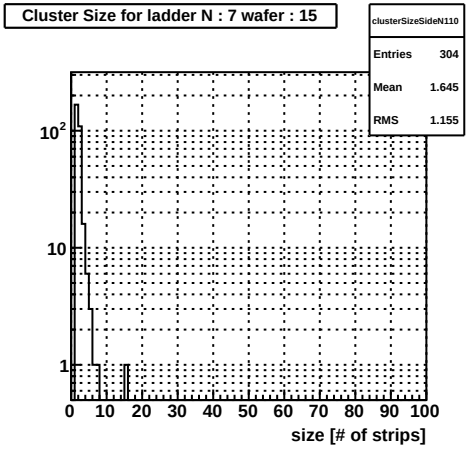

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 270
Mean 1.544
RMS 0.7911
size [# of strips]

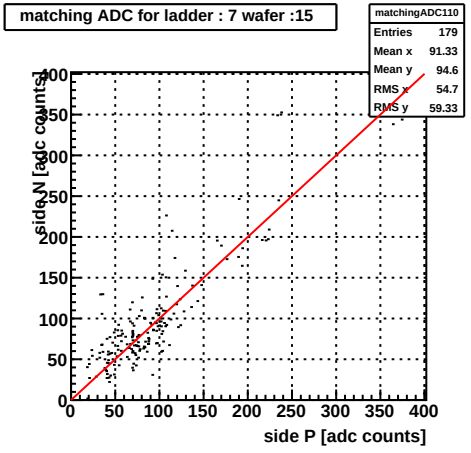

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 246
Mean x 83.47
Mean y 89.75
RMS x 52.98
RMS y 56.33
side N [adc counts]
side P [adc counts]

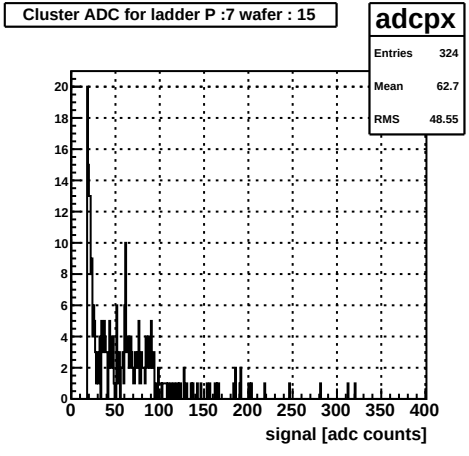

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 285
Mean 70.66
RMS 51.37
signal [adc counts]

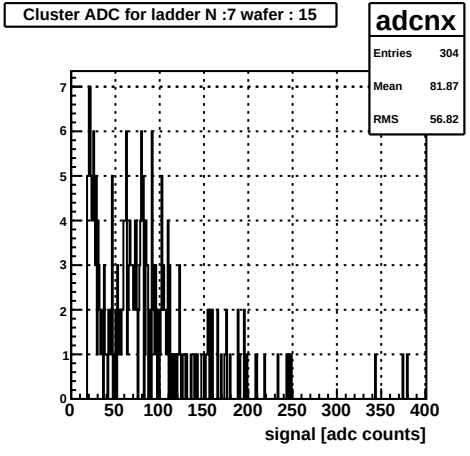

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 270
Mean 88.11
RMS 57.58
signal [adc counts]

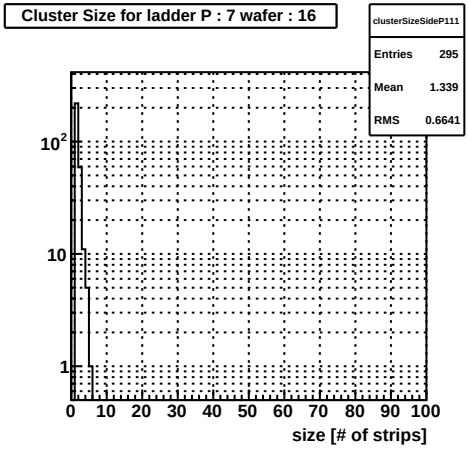

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 324
Mean 1.324
RMS 0.6009
size [# of strips]

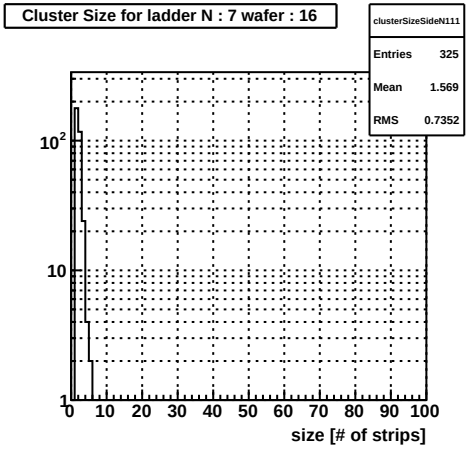

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 304
Mean 1.645
RMS 1.155
size [# of strips]

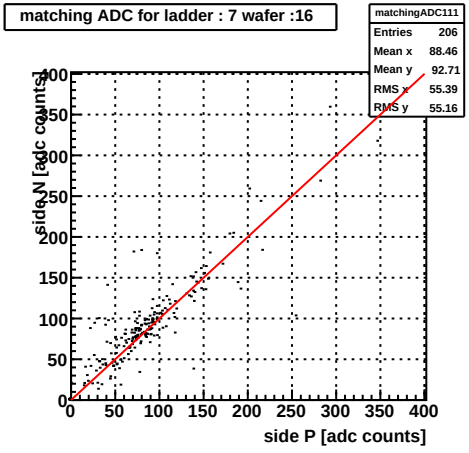

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 179
Mean x 91.33
Mean y 94.6
RMS x 54.7
RMS y 59.33
side N [adc counts]
side P [adc counts]

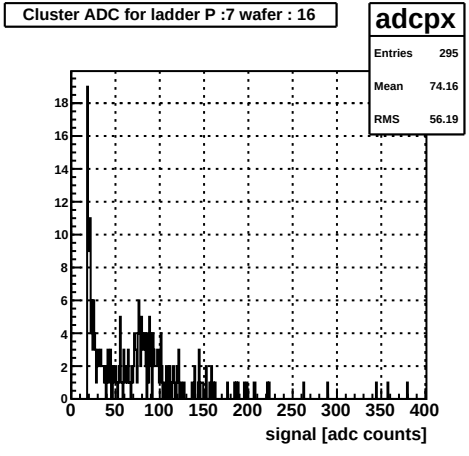

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 324
Mean 62.7
RMS 48.55
signal [adc counts]

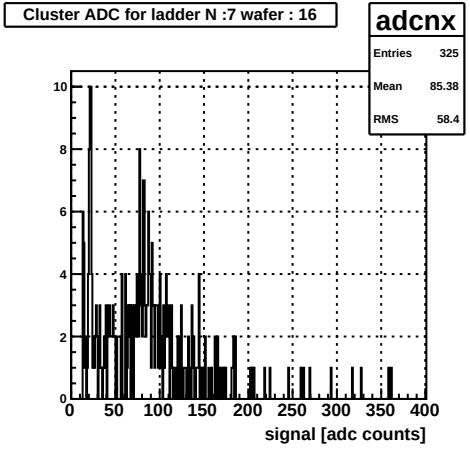

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 304
Mean 81.87
RMS 56.82
signal [adc counts]

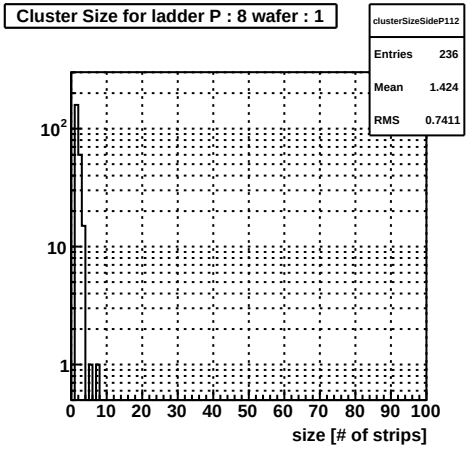

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 295
Mean 1.339
RMS 0.6641
size [# of strips]

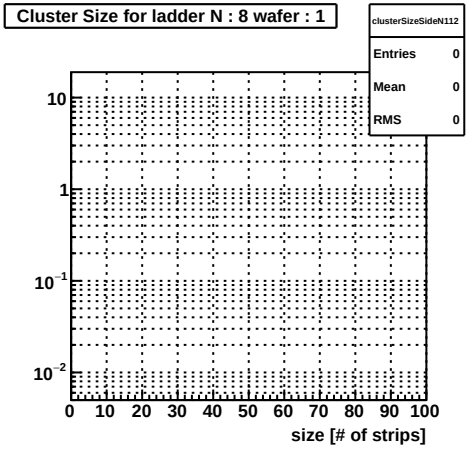

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 325
Mean 1.569
RMS 0.7352
size [# of strips]

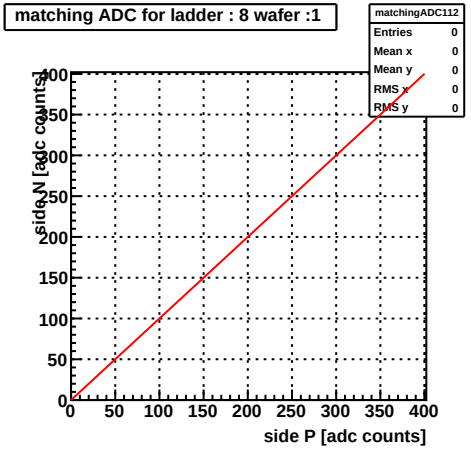

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 206
Mean x 88.46
Mean y 92.71
RMS x 55.39
RMS y 55.16
side N [adc counts]
side P [adc counts]

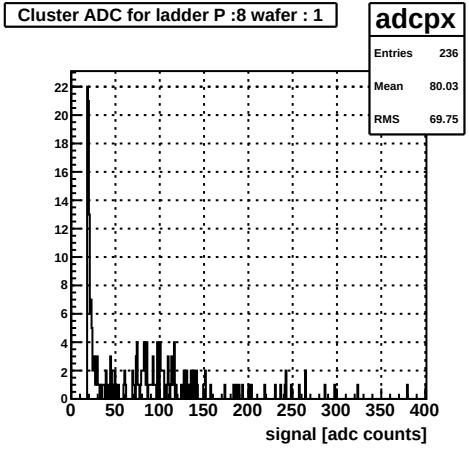

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 295
Mean 74.16
RMS 56.19
signal [adc counts]

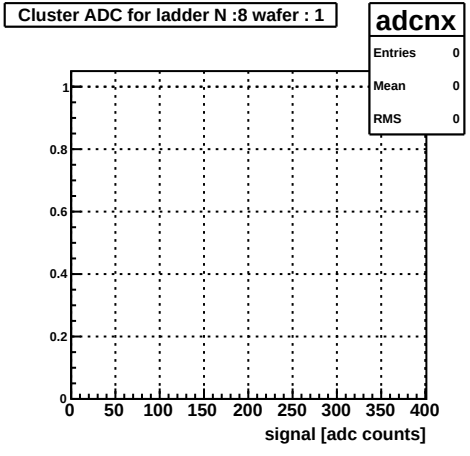

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 325
Mean 85.38
RMS 58.4
signal [adc counts]

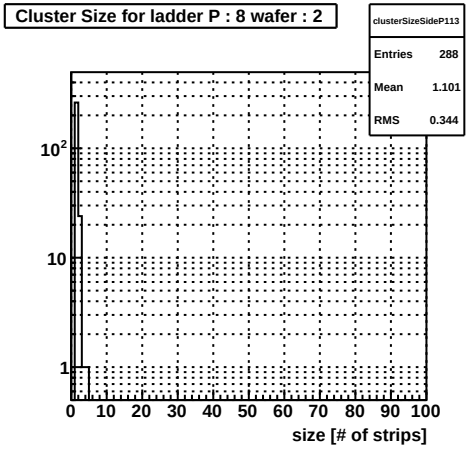

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 236
Mean 1.424
RMS 0.7411
size [# of strips]

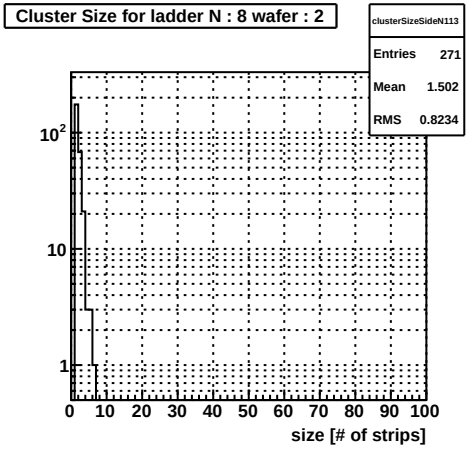

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

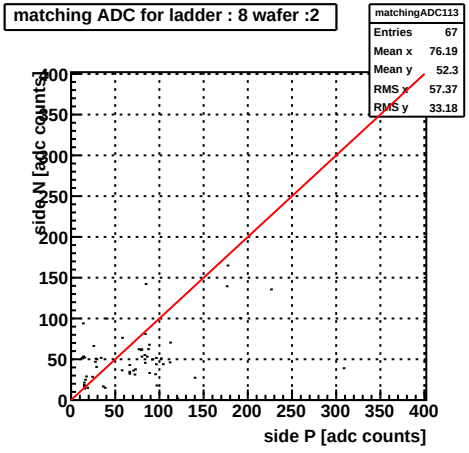

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

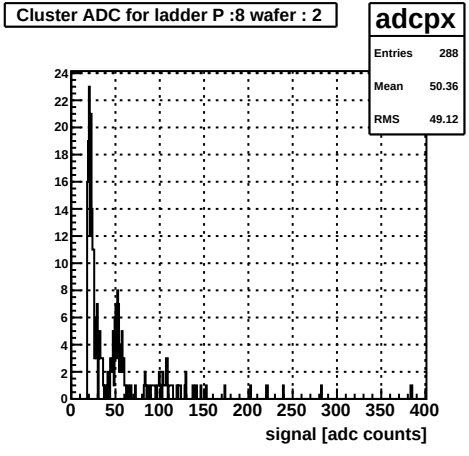

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 236
Mean 80.03
RMS 69.75
signal [adc counts]

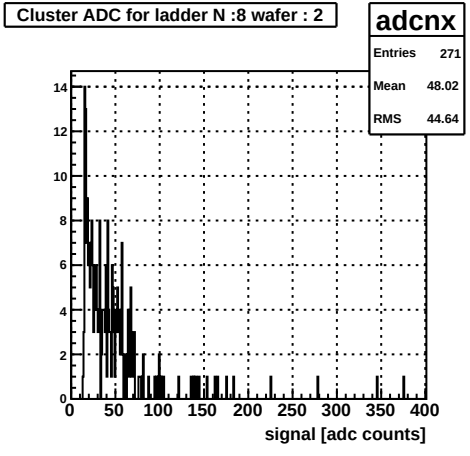

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

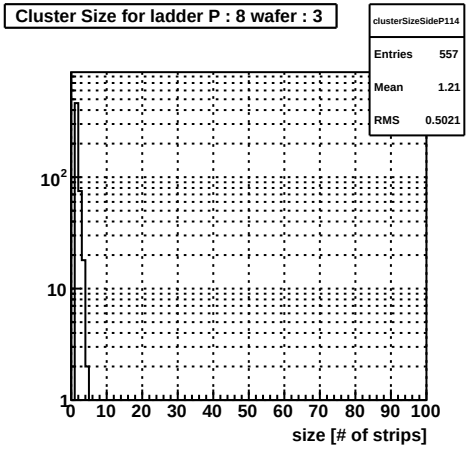

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 288
Mean 1.101
RMS 0.344
size [# of strips]

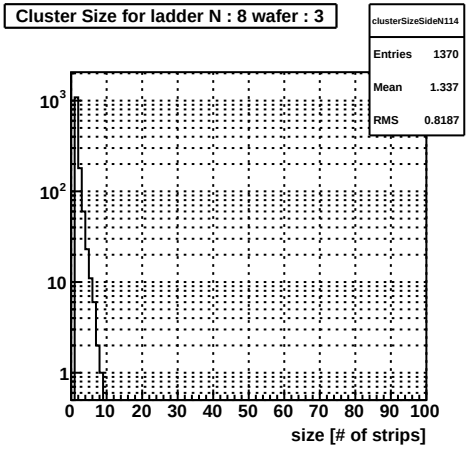

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 271
Mean 1.502
RMS 0.8234
size [# of strips]

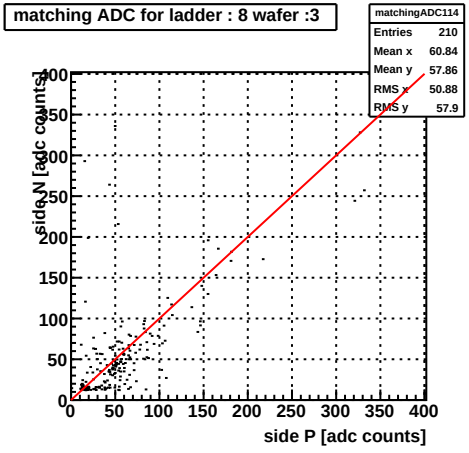

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 67
Mean x 76.19
Mean y 52.3
RMS x 57.37
RMS y 33.18
side N [adc counts]
side P [adc counts]

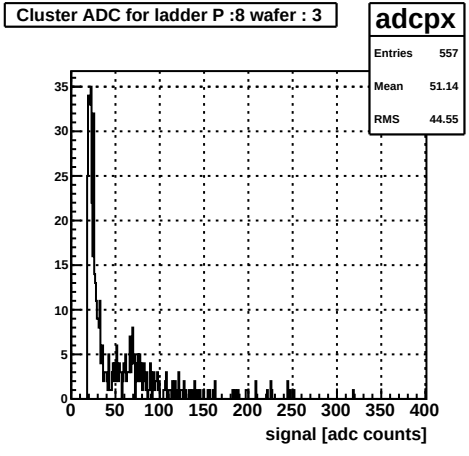

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 288
Mean 50.36
RMS 49.12
signal [adc counts]

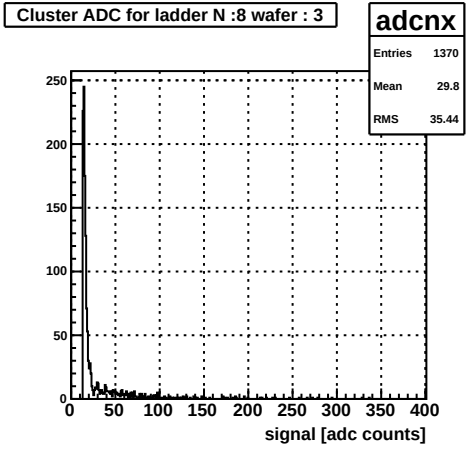

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 271
Mean 48.02
RMS 44.64
signal [adc counts]

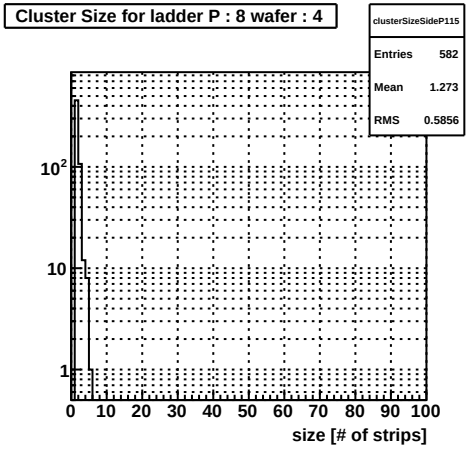

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 557
Mean 1.21
RMS 0.5021
size [# of strips]

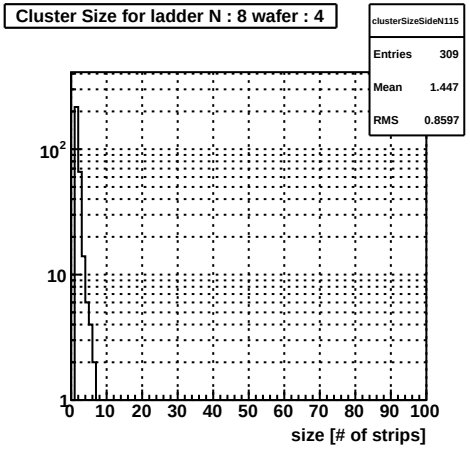

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 1370
Mean 1.337
RMS 0.8187
size [# of strips]

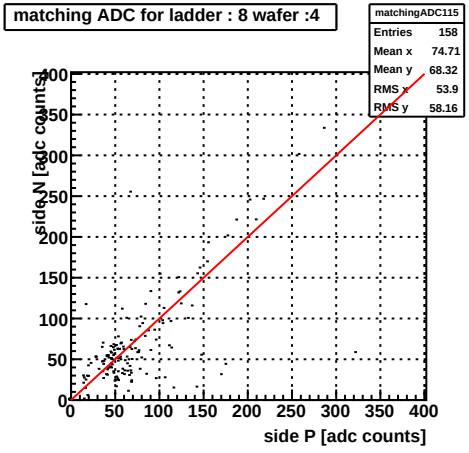

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 210
Mean x 60.84
Mean y 57.86
RMS x 50.88
RMS y 57.9
side N [adc counts]
side P [adc counts]

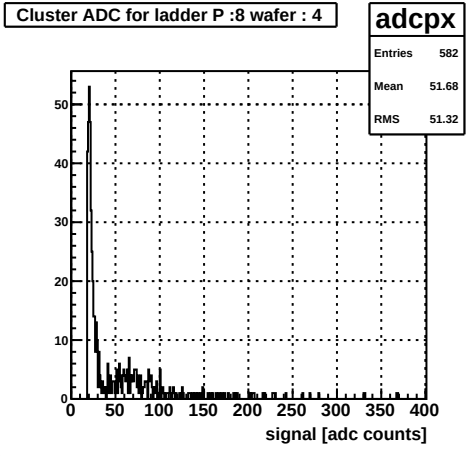

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 557
Mean 51.14
RMS 44.55
signal [adc counts]

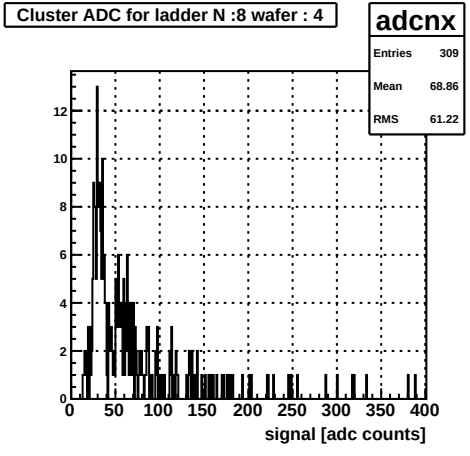

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 1370
Mean 29.8
RMS 35.44
signal [adc counts]

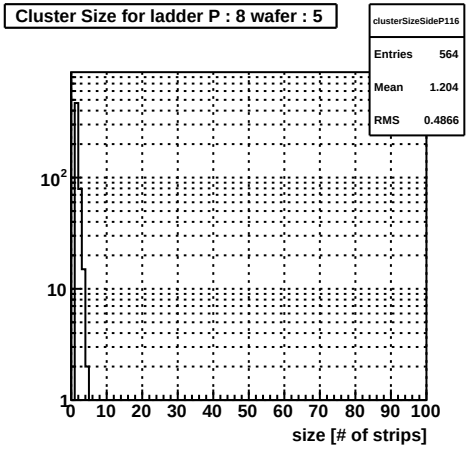

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 582
Mean 1.273
RMS 0.5856
size [# of strips]

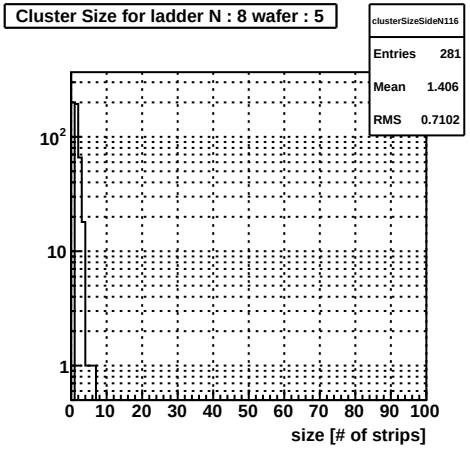

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 309
Mean 1.447
RMS 0.8597
size [# of strips]

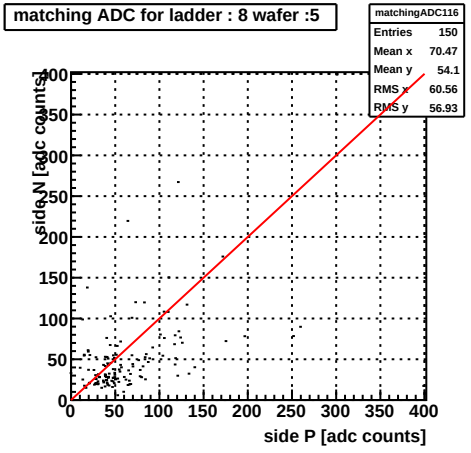

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 158
Mean x 74.71
Mean y 68.32
RMS x 53.9
RMS y 58.16
side N [adc counts]
side P [adc counts]

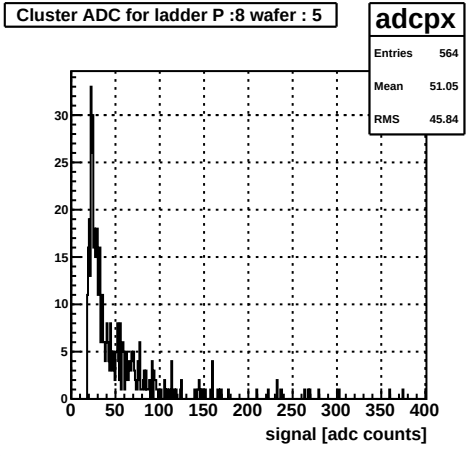

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 582
Mean 51.68
RMS 51.32
signal [adc counts]

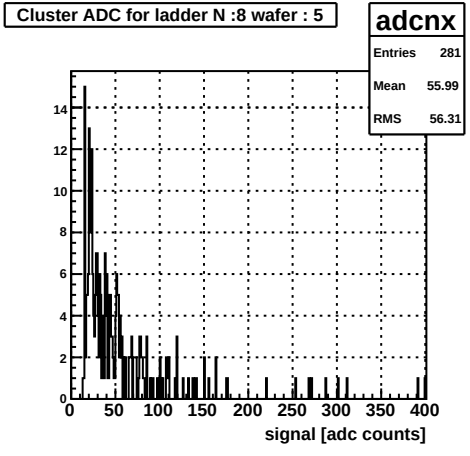

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 309
Mean 68.86
RMS 61.22
signal [adc counts]

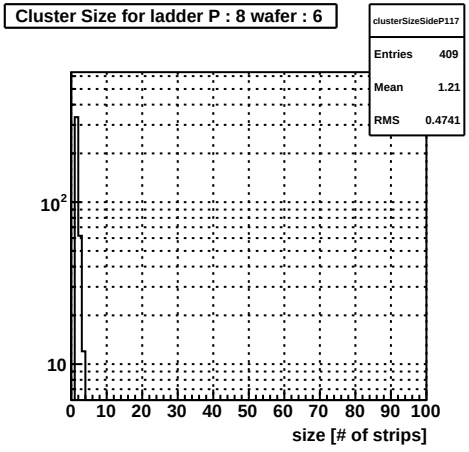

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 564
Mean 1.204
RMS 0.4866
size [# of strips]

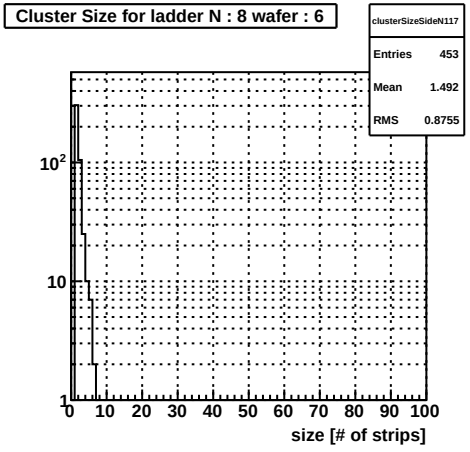

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 281
Mean 1.406
RMS 0.7102
size [# of strips]

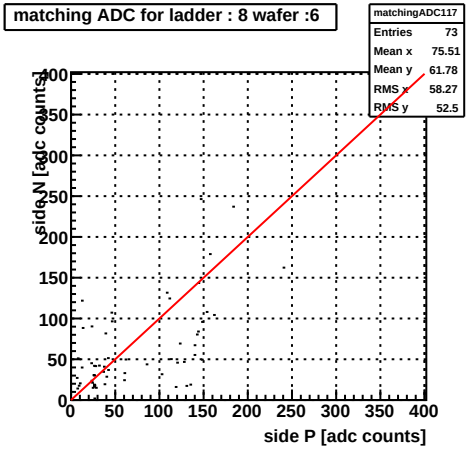

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 150
Mean x 70.47
Mean y 54.1
RMS x 60.56
RMS y 56.93
side N [adc counts]
side P [adc counts]

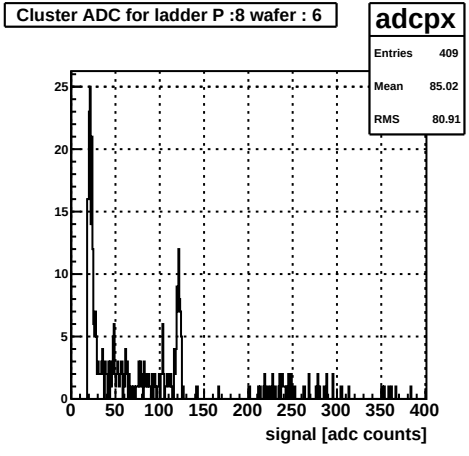

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 564
Mean 51.05
RMS 45.84
signal [adc counts]

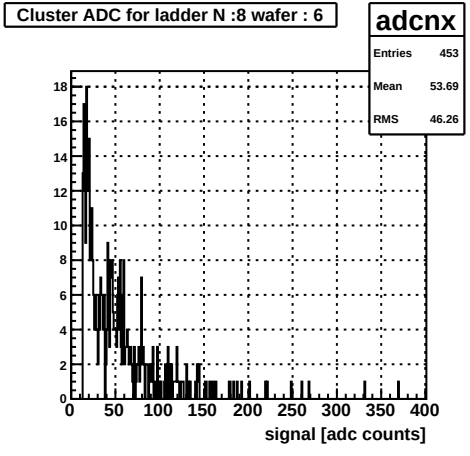

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 281
Mean 55.99
RMS 56.31
signal [adc counts]

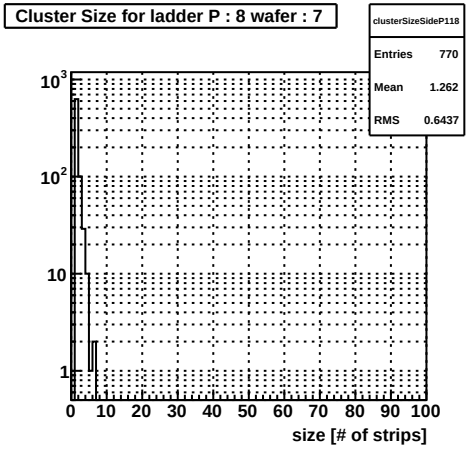

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 409
Mean 1.21
RMS 0.4741
size [# of strips]

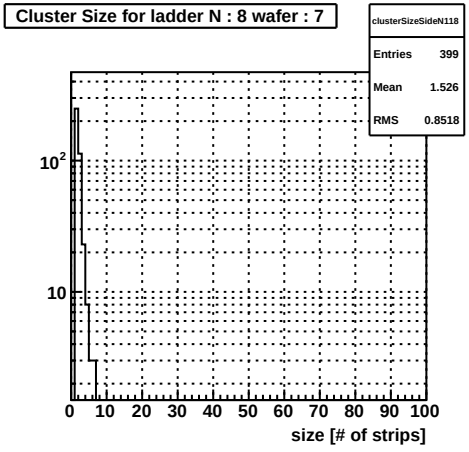

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 453
Mean 1.492
RMS 0.8755
size [# of strips]

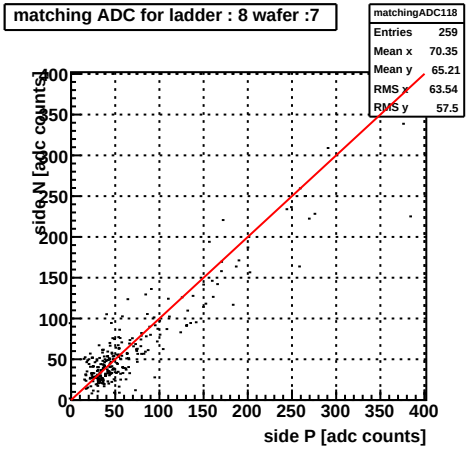

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 73
Mean x 75.51
Mean y 61.78
RMS x 58.27
RMS y 52.5
side N [adc counts]
side P [adc counts]

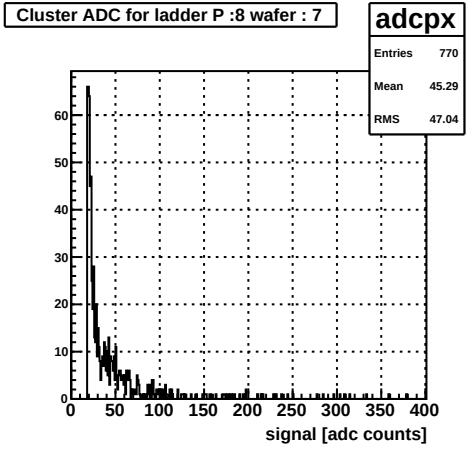

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 409
Mean 85.02
RMS 80.91
signal [adc counts]

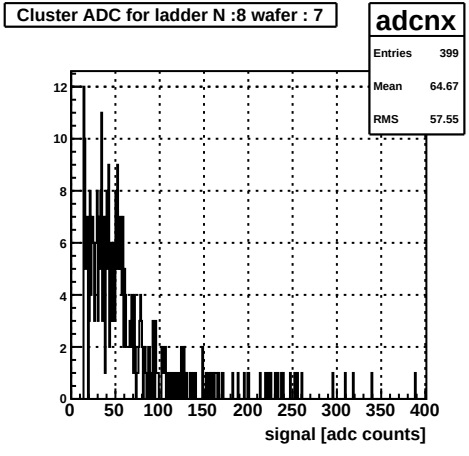

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 453
Mean 53.69
RMS 46.26
signal [adc counts]

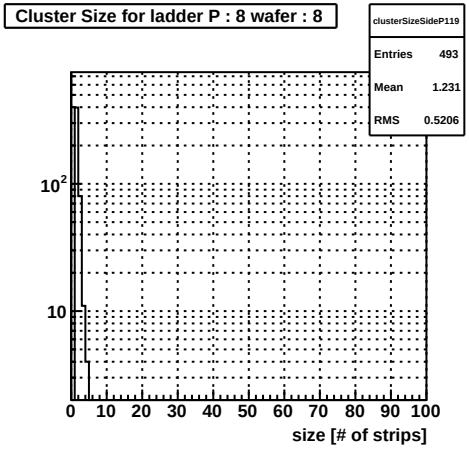

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 770
Mean 1.262
RMS 0.6437
size [# of strips]

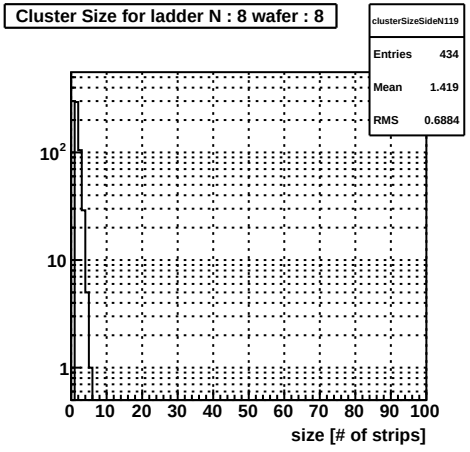

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 399
Mean 1.526
RMS 0.8518
size [# of strips]

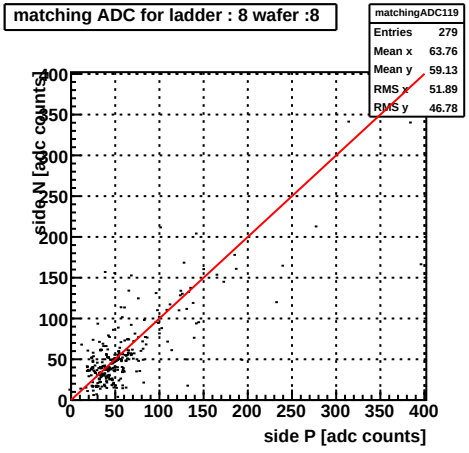

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 259
Mean x 70.35
Mean y 65.21
RMS x 63.54
RMS y 57.5
side N [adc counts]
side P [adc counts]

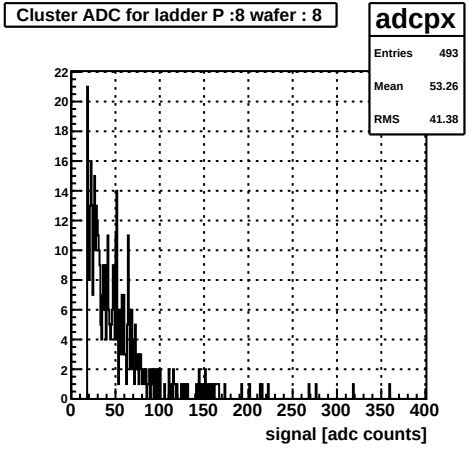

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 770
Mean 45.29
RMS 47.04
signal [adc counts]

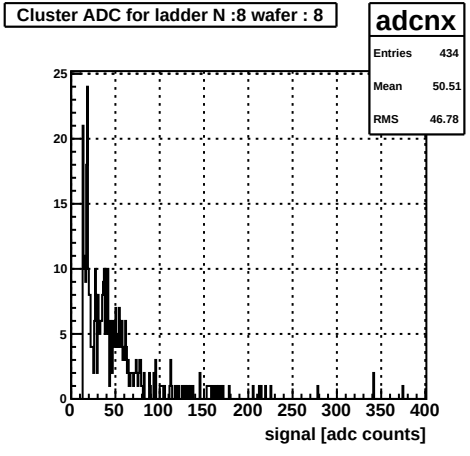

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 399
Mean 64.67
RMS 57.55
signal [adc counts]

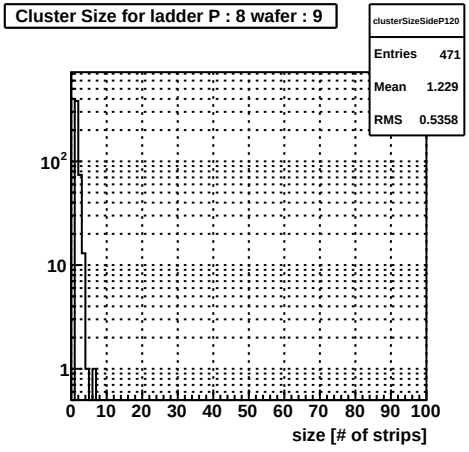

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 493
Mean 1.231
RMS 0.5206
size [# of strips]

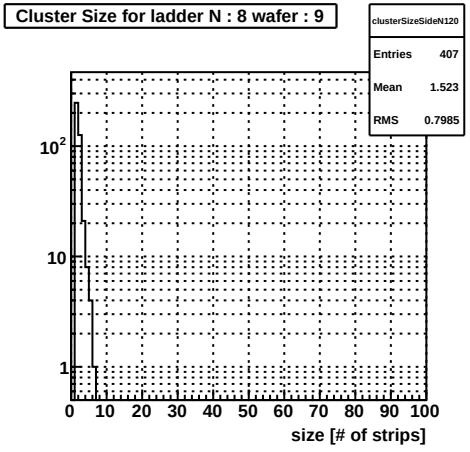

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 434
Mean 1.419
RMS 0.6884
size [# of strips]

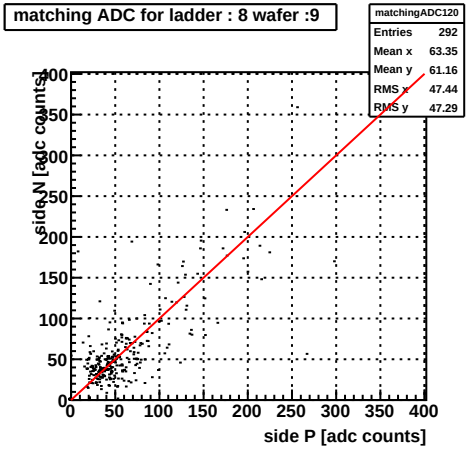

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 279
Mean x 63.76
Mean y 59.13
RMS x 51.89
RMS y 46.78
side N [adc counts]
side P [adc counts]

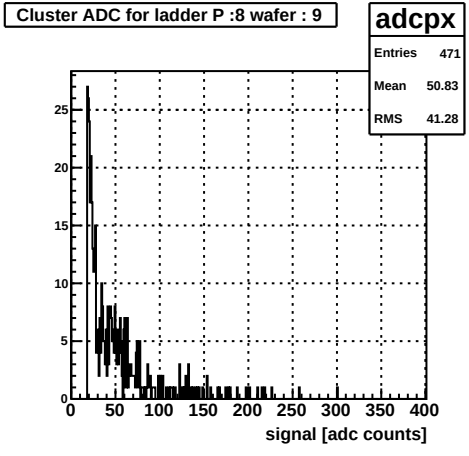

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 493
Mean 53.26
RMS 41.38
signal [adc counts]

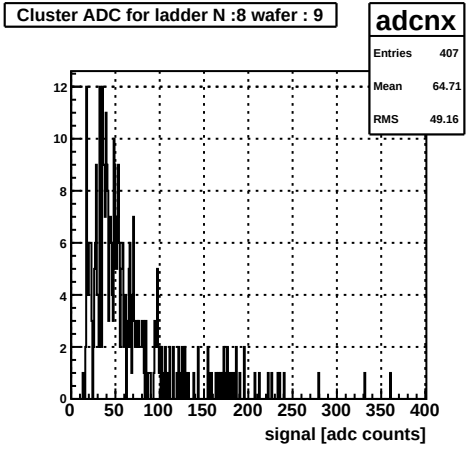

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 434
Mean 50.51
RMS 46.78
signal [adc counts]

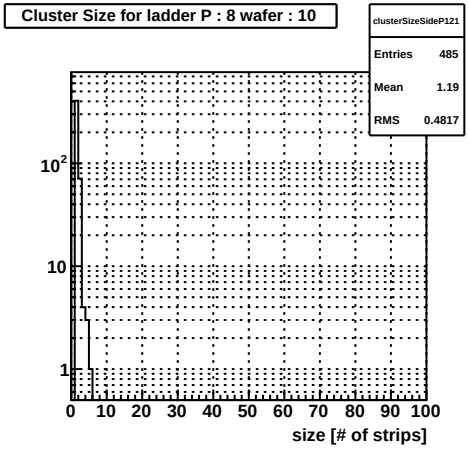

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 471
Mean 1.229
RMS 0.5358
size [# of strips]

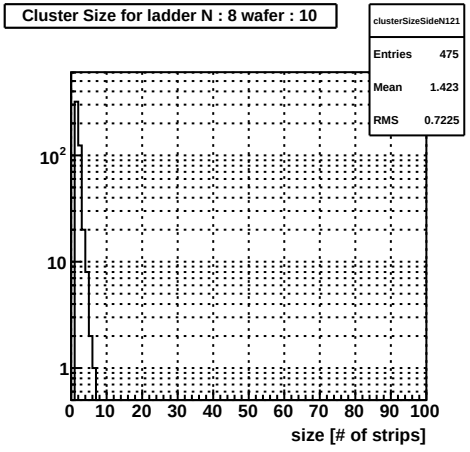

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 407
Mean 1.523
RMS 0.7985
size [# of strips]

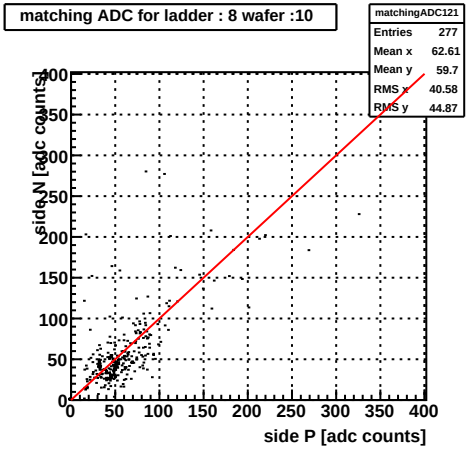

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 292
Mean x 63.35
Mean y 61.16
RMS x 47.44
RMS y 47.29
side N [adc counts]
side P [adc counts]

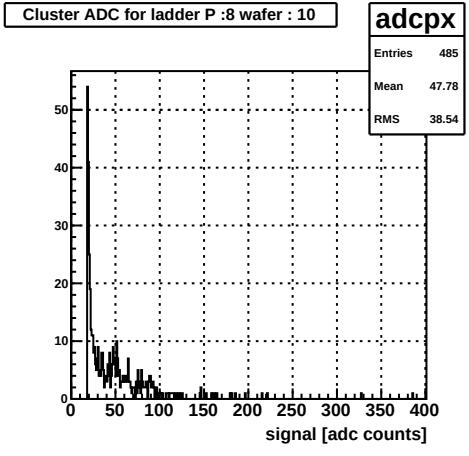

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 471
Mean 50.83
RMS 41.28
signal [adc counts]

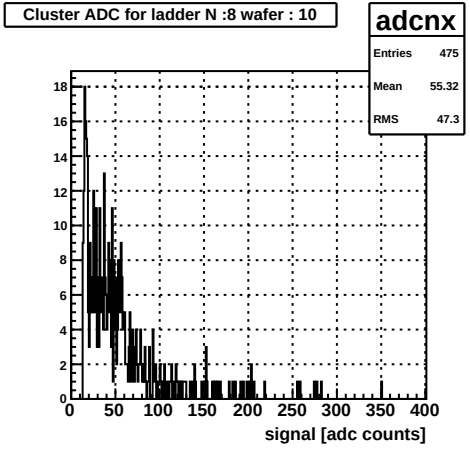

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 407
Mean 64.71
RMS 49.16
signal [adc counts]

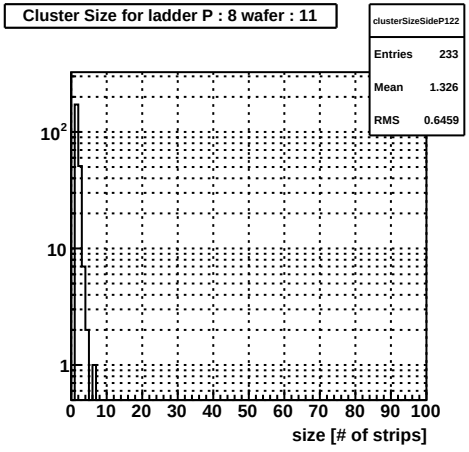

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 485
Mean 1.19
RMS 0.4817
size [# of strips]

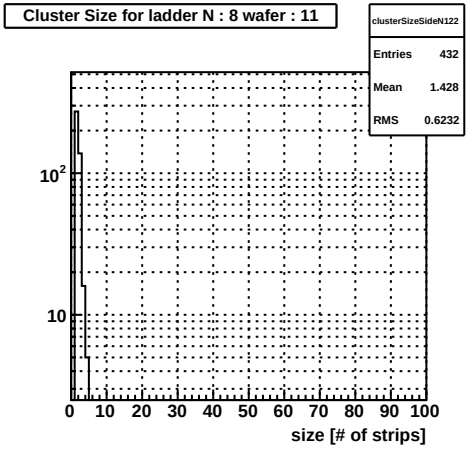

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 475
Mean 1.423
RMS 0.7225
size [# of strips]

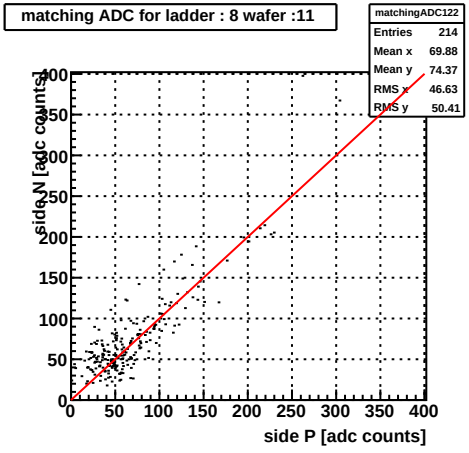

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 277
Mean x 62.61
Mean y 59.7
RMS x 40.58
RMS y 44.87
side N [adc counts]
side P [adc counts]

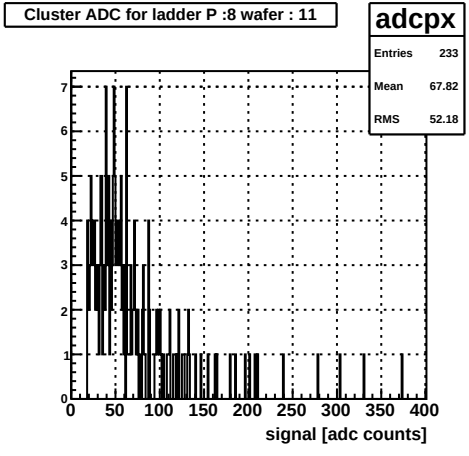

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 485
Mean 47.78
RMS 38.54
signal [adc counts]

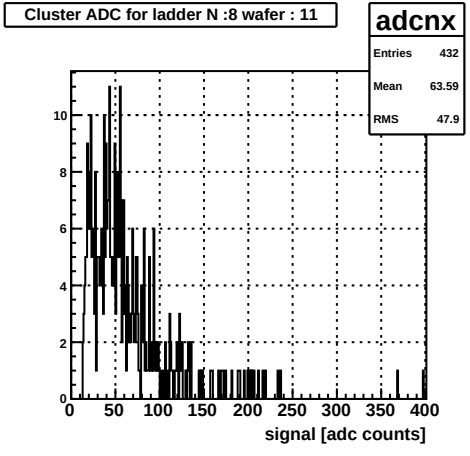

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 475
Mean 55.32
RMS 47.3
signal [adc counts]

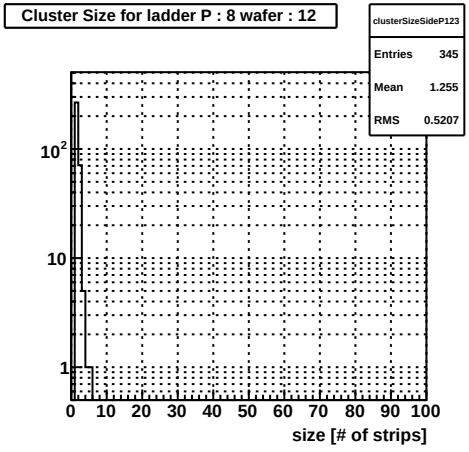

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 233
Mean 1.326
RMS 0.6459
size [# of strips]

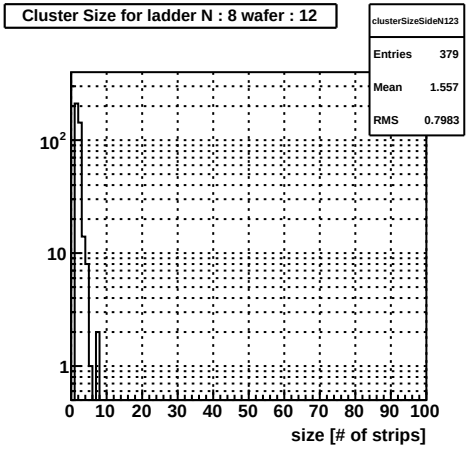

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 432
Mean 1.428
RMS 0.6232
size [# of strips]

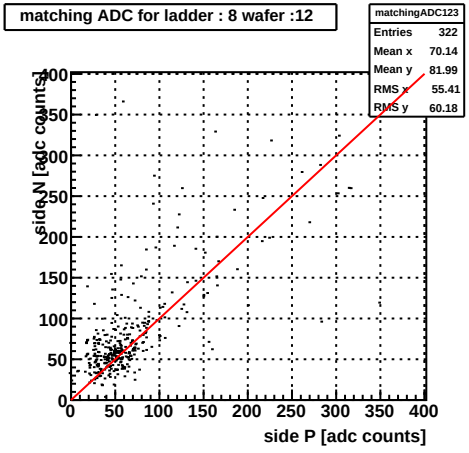

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 214
Mean x 69.88
Mean y 74.37
RMS x 46.63
RMS y 50.41
side N [adc counts]
side P [adc counts]

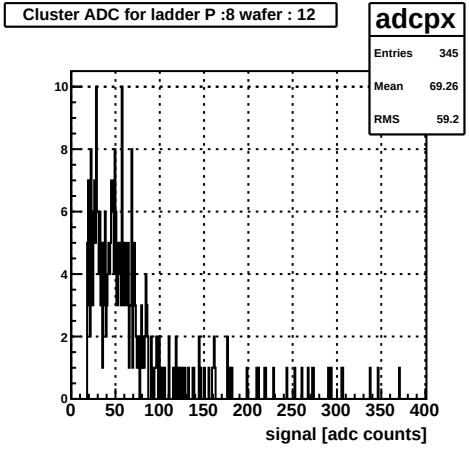

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 233
Mean 67.82
RMS 52.18
signal [adc counts]

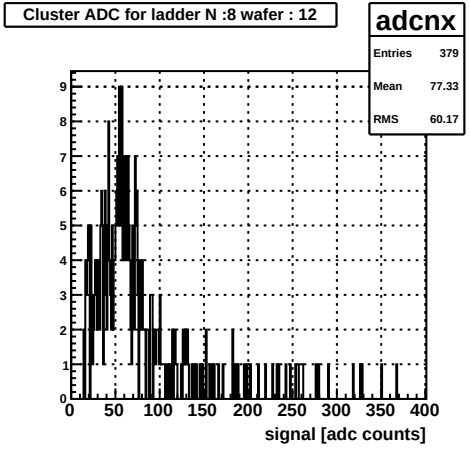

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 432
Mean 63.59
RMS 47.9
signal [adc counts]

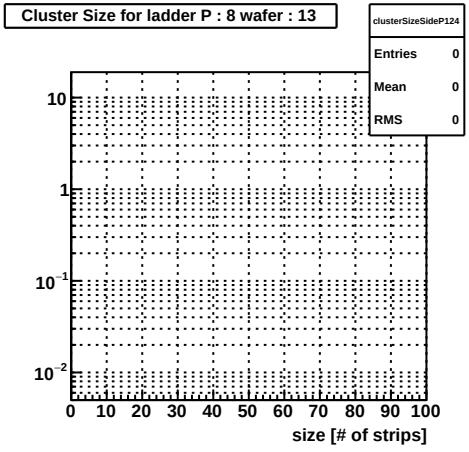

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 345
Mean 1.255
RMS 0.5207
size [# of strips]

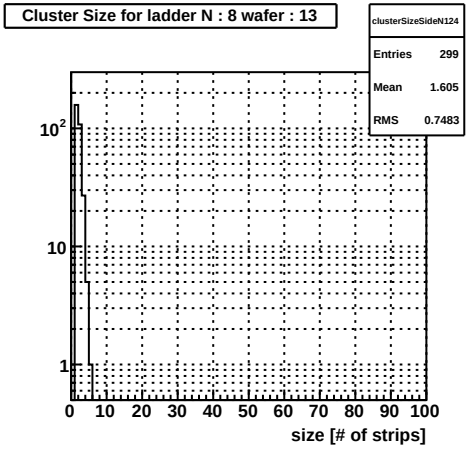

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 379
Mean 1.557
RMS 0.7983
size [# of strips]

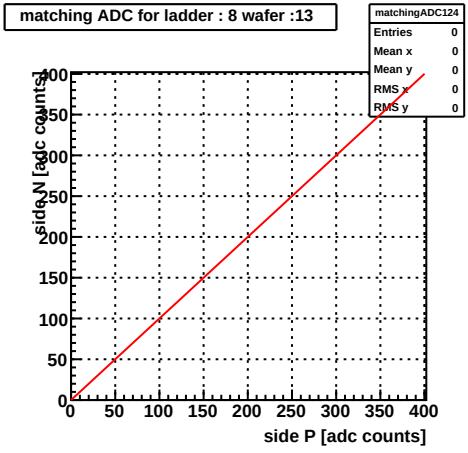

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 322
Mean x 70.14
Mean y 81.99
RMS x 55.41
RMS y 60.18
side N [adc counts]
side P [adc counts]

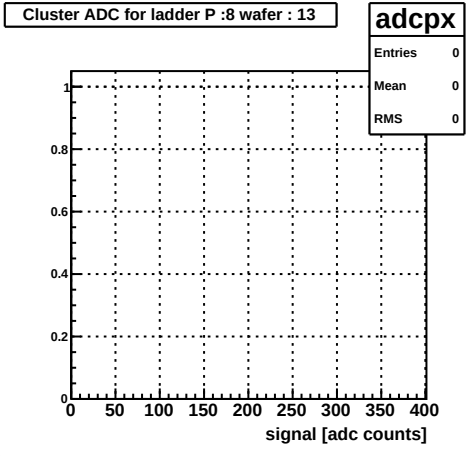

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 345
Mean 69.26
RMS 59.2
signal [adc counts]

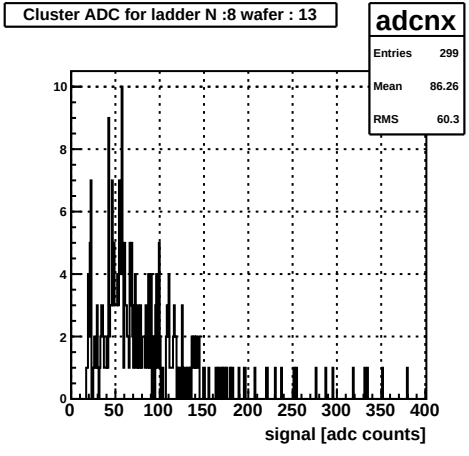

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 379
Mean 77.33
RMS 60.17
signal [adc counts]

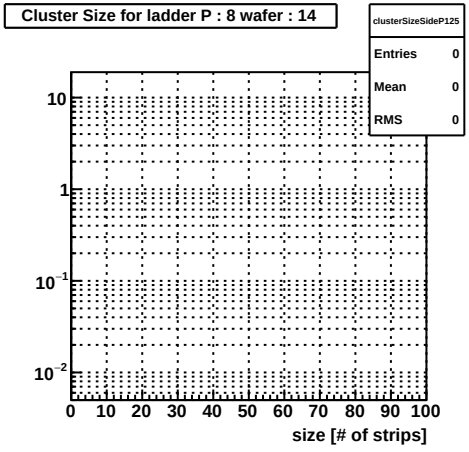

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

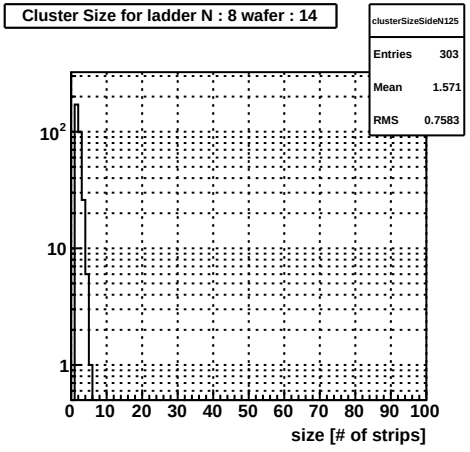

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 299
Mean 1.605
RMS 0.7483
size [# of strips]

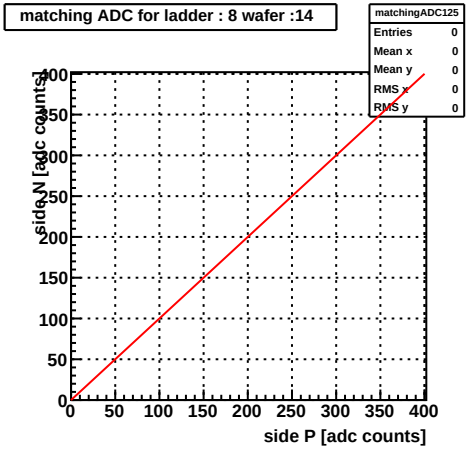

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

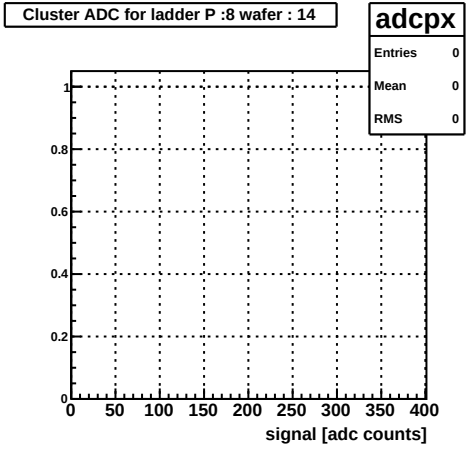

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

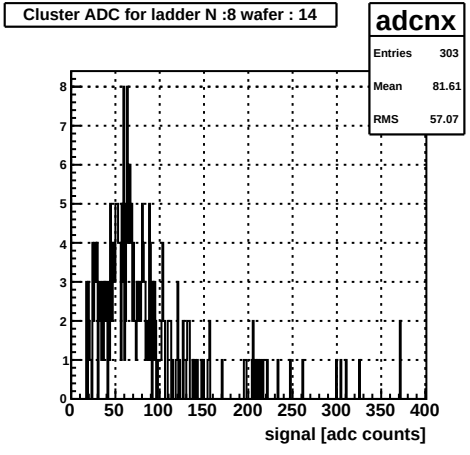

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 299
Mean 86.26
RMS 60.3
signal [adc counts]

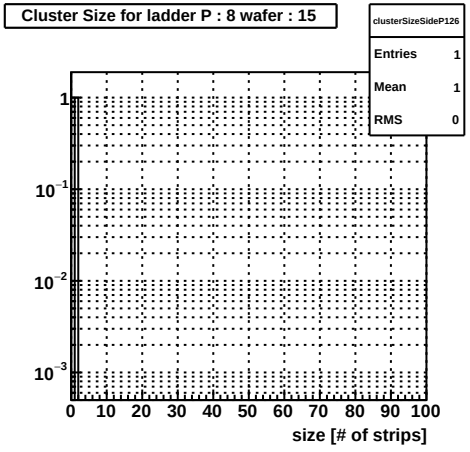

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

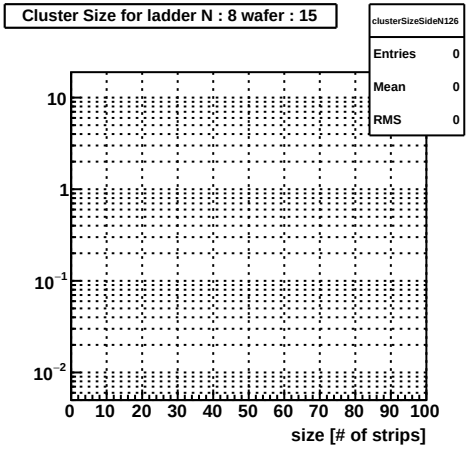

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 303
Mean 1.571
RMS 0.7583
size [# of strips]

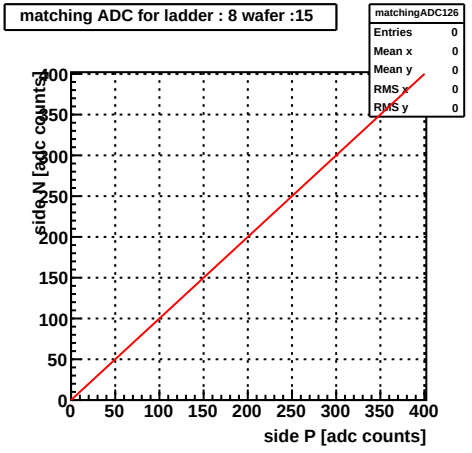

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

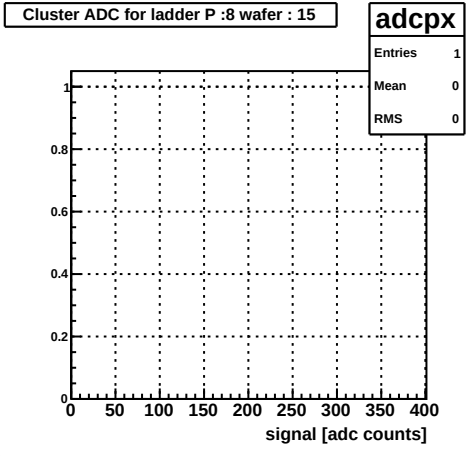

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

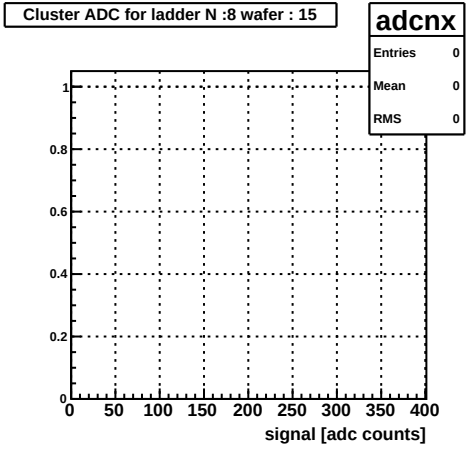

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 303
Mean 81.61
RMS 57.07
signal [adc counts]

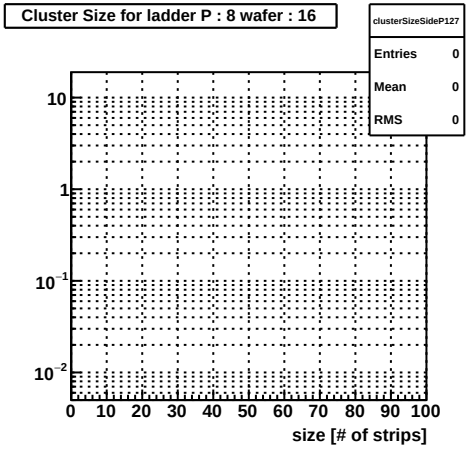

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

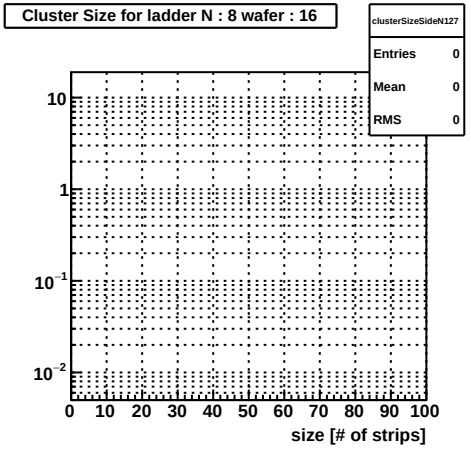

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

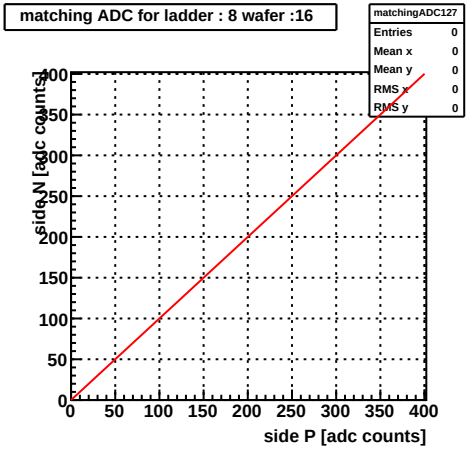

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

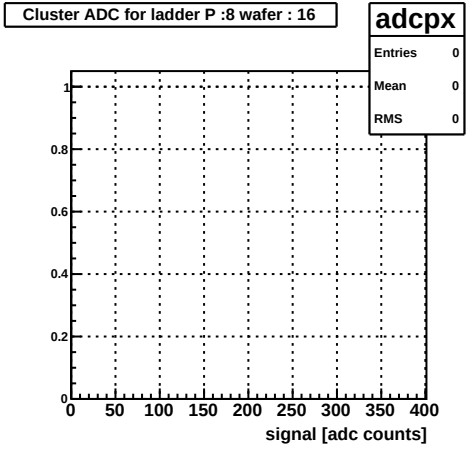

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

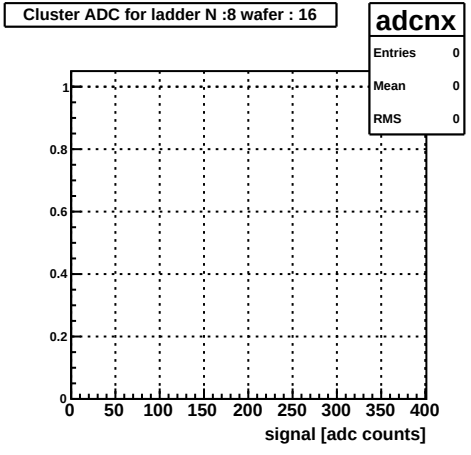

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

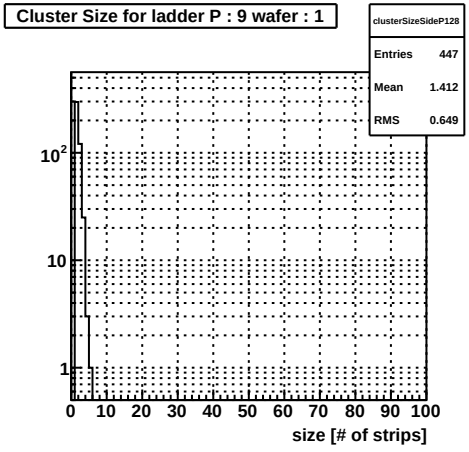

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

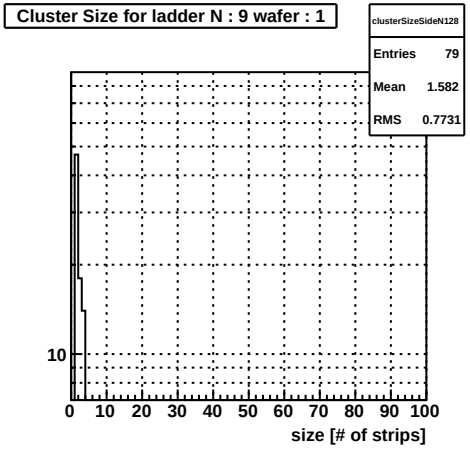

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

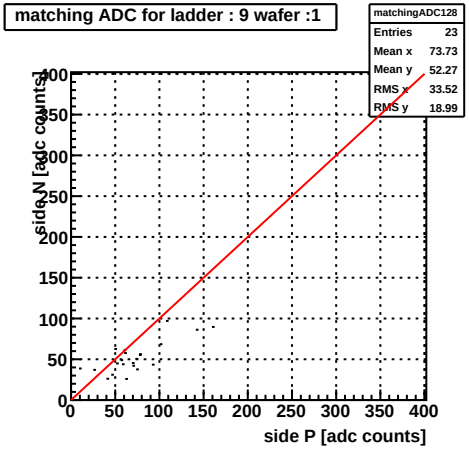

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

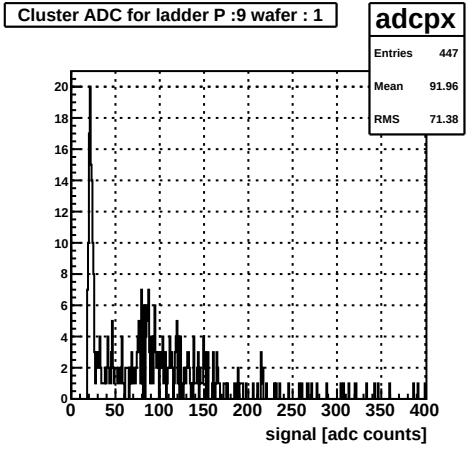

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

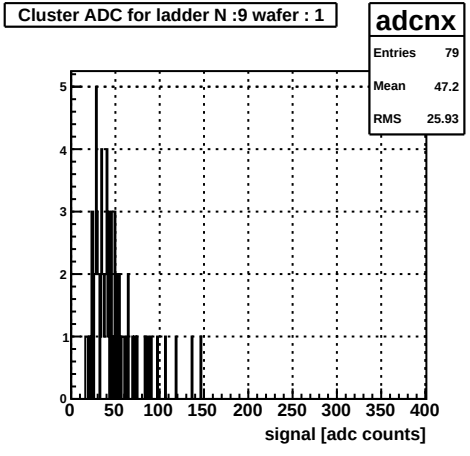

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

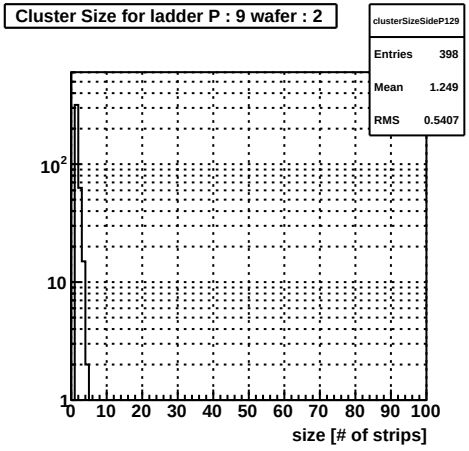

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 447
Mean 1.412
RMS 0.649
size [# of strips]

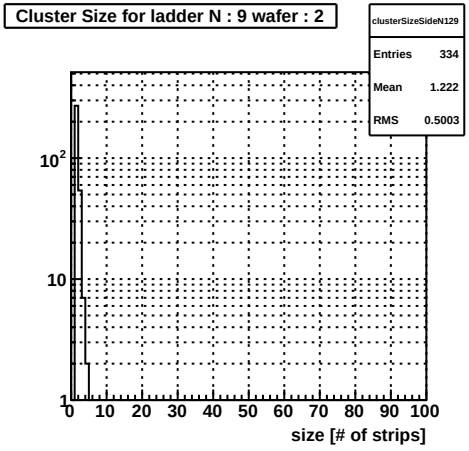

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 79
Mean 1.582
RMS 0.7731
size [# of strips]

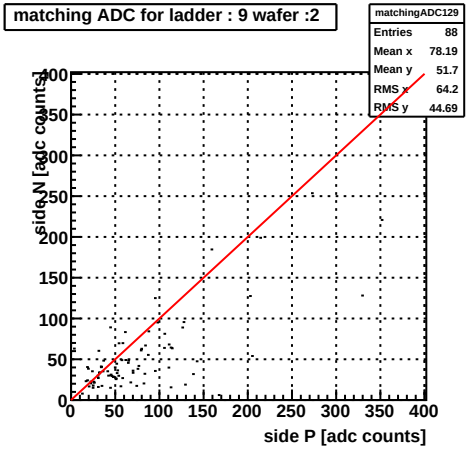

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 23
Mean x 73.73
Mean y 52.27
RMS x 33.52
RMS y 18.99
side N [adc counts]
side P [adc counts]

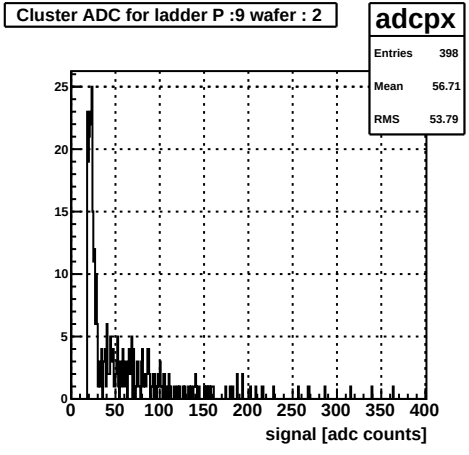

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 447
Mean 91.96
RMS 71.38
signal [adc counts]

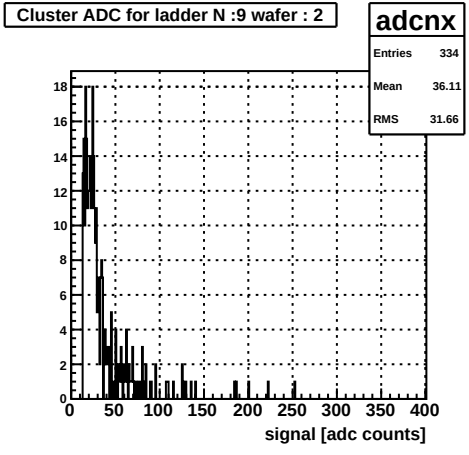

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 79
Mean 47.2
RMS 25.93
signal [adc counts]

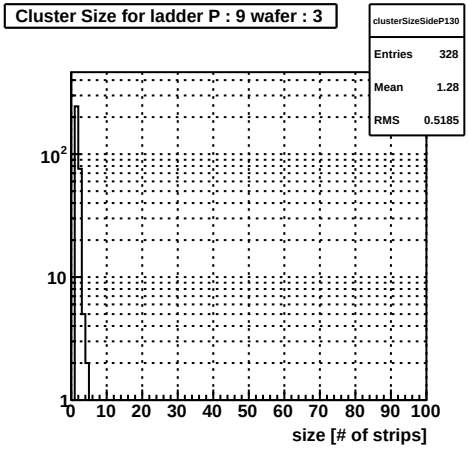

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 398
Mean 1.249
RMS 0.5407
size [# of strips]

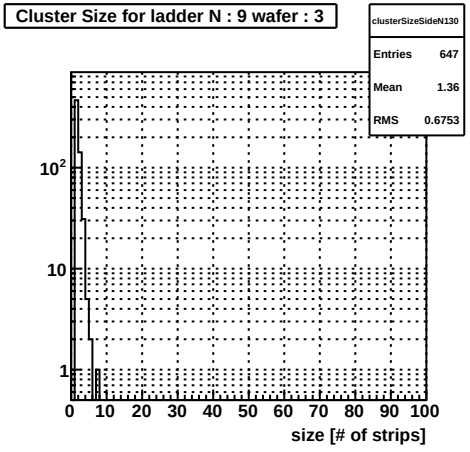

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 334
Mean 1.222
RMS 0.5003
size [# of strips]

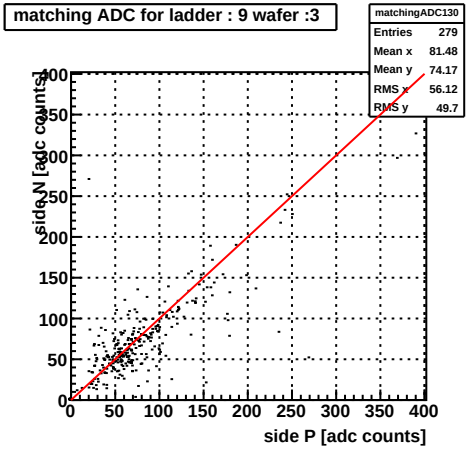

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 88
Mean x 78.19
Mean y 51.7
RMS x 64.2
RMS y 44.69
side N [adc counts]
side P [adc counts]

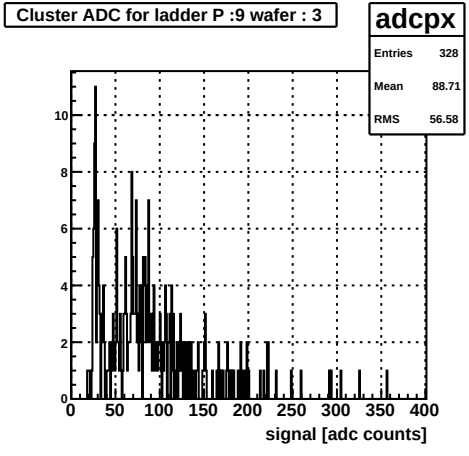

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 398
Mean 56.71
RMS 53.79
signal [adc counts]

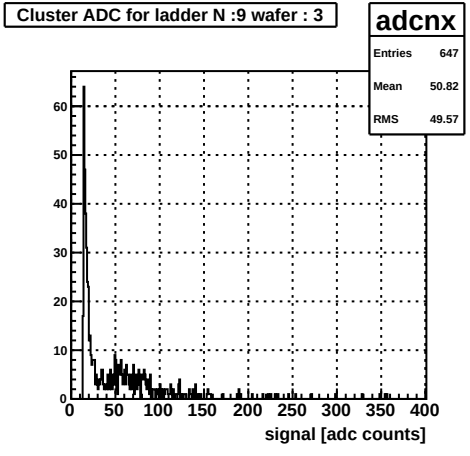

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 334
Mean 36.11
RMS 31.66
signal [adc counts]

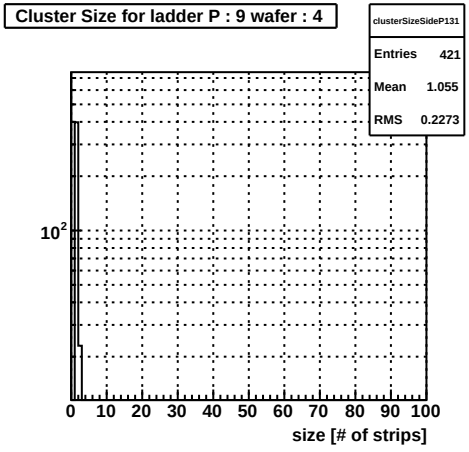

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 328
Mean 1.28
RMS 0.5185
size [# of strips]

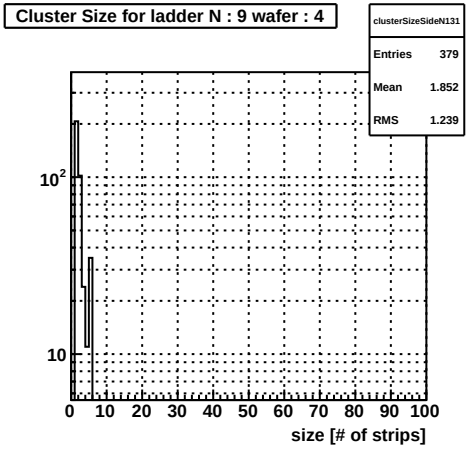

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 647
Mean 1.36
RMS 0.6753
size [# of strips]

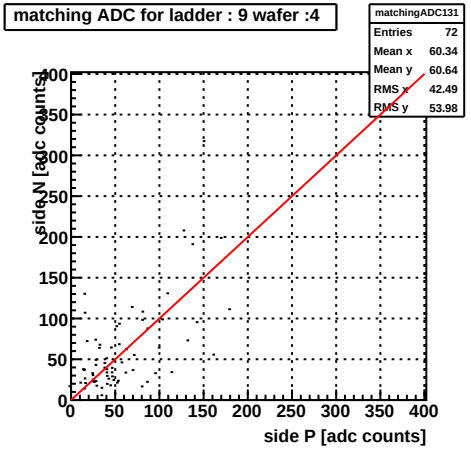

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 279
Mean x 81.48
Mean y 74.17
RMS x 56.12
RMS y 49.7
side N [adc counts]
side P [adc counts]

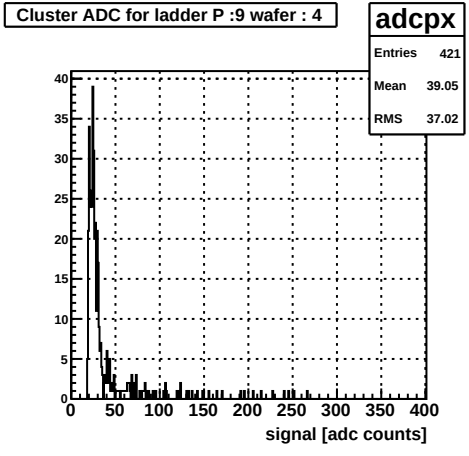

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 328
Mean 88.71
RMS 56.58
signal [adc counts]

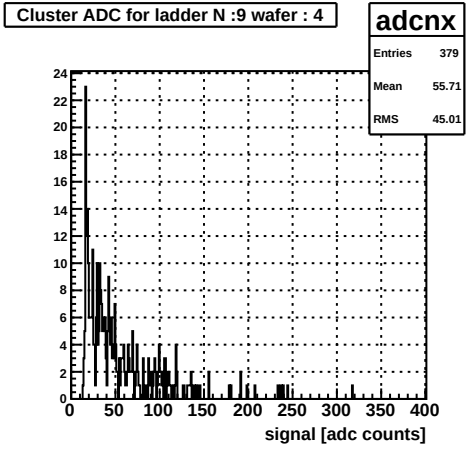

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 647
Mean 50.82
RMS 49.57
signal [adc counts]

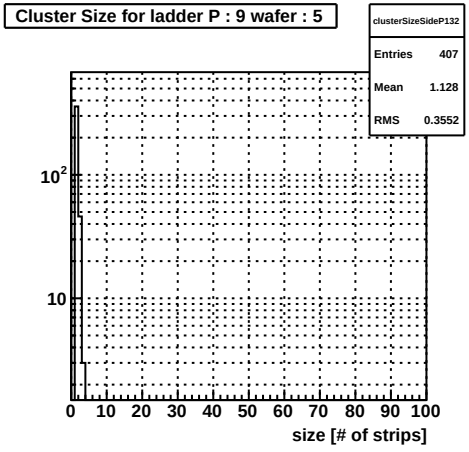

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 421
Mean 1.055
RMS 0.2273
size [# of strips]

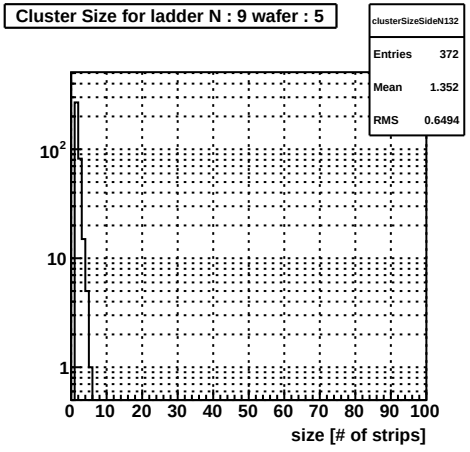

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 379
Mean 1.852
RMS 1.239
size [# of strips]

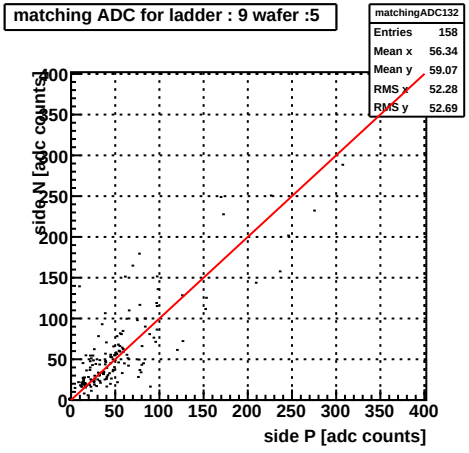

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 72
Mean x 60.34
Mean y 60.64
RMS x 42.49
RMS y 53.98
side N [adc counts]
side P [adc counts]

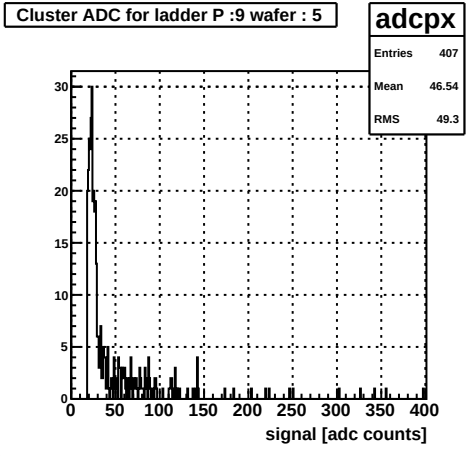

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 421
Mean 39.05
RMS 37.02
signal [adc counts]

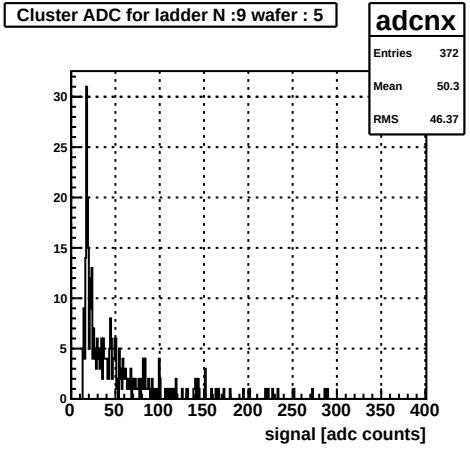

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 379
Mean 55.71
RMS 45.01
signal [adc counts]

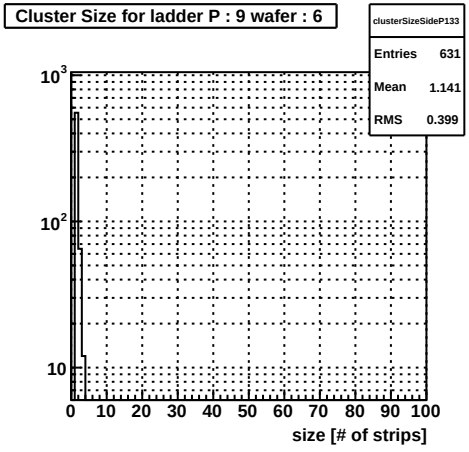

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 407
Mean 1.128
RMS 0.3552
size [# of strips]

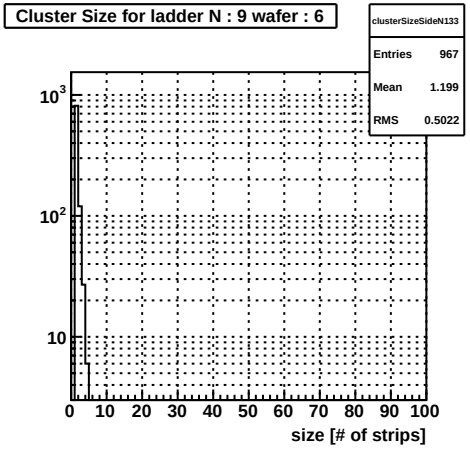

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 372
Mean 1.352
RMS 0.6494
size [# of strips]

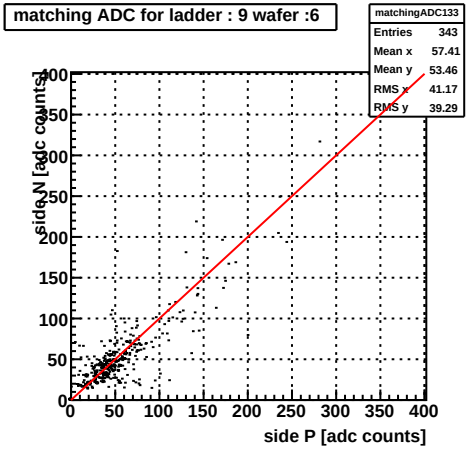

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 158
Mean x 56.34
Mean y 59.07
RMS x 52.28
RMS y 52.69
side N [adc counts]
side P [adc counts]

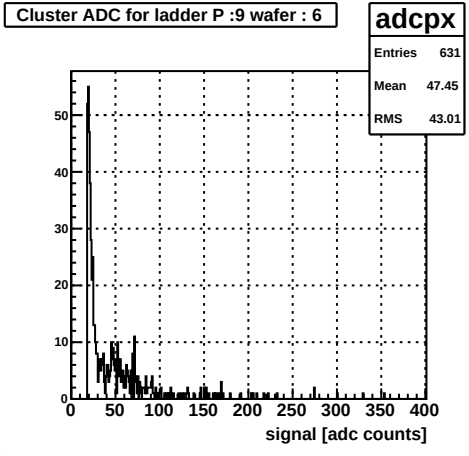

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 407
Mean 46.54
RMS 49.3
signal [adc counts]

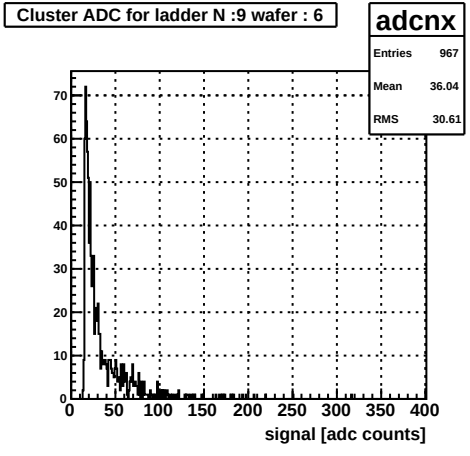

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 372
Mean 50.3
RMS 46.37
signal [adc counts]

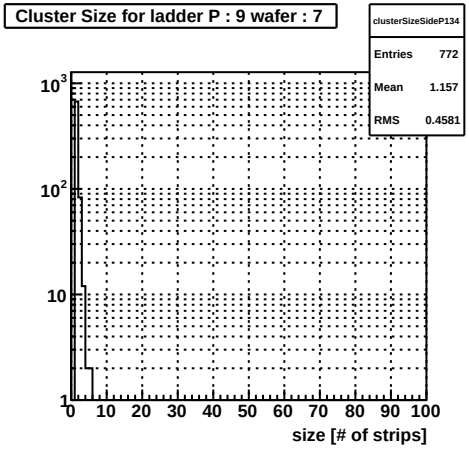

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 631
Mean 1.141
RMS 0.399
size [# of strips]

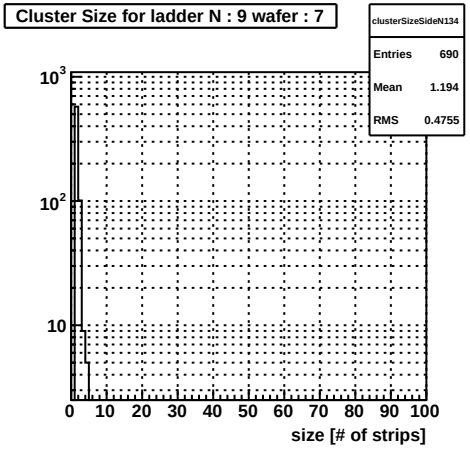

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 967
Mean 1.199
RMS 0.5022
size [# of strips]

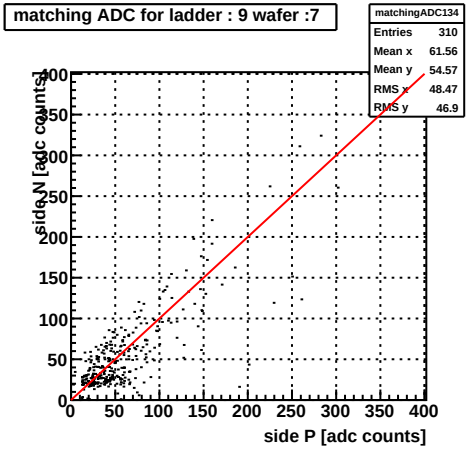

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 343
Mean x 57.41
Mean y 53.46
RMS x 41.17
RMS y 39.29
side N [adc counts]
side P [adc counts]

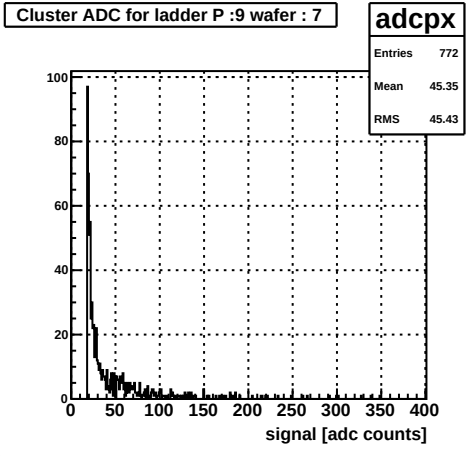

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 631
Mean 47.45
RMS 43.01
signal [adc counts]

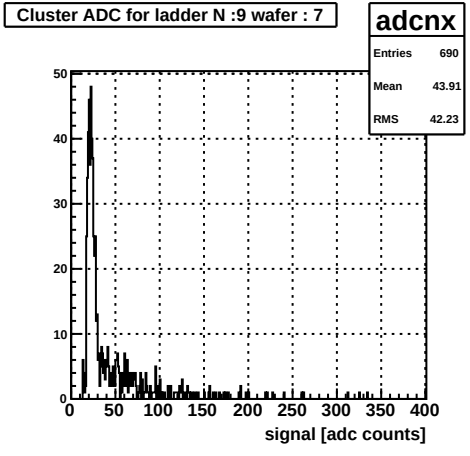

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 967
Mean 36.04
RMS 30.61
signal [adc counts]

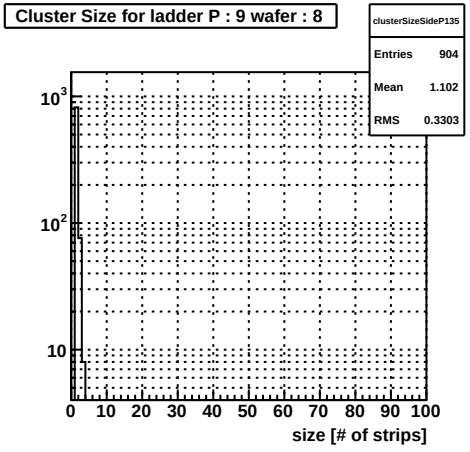

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 772
Mean 1.157
RMS 0.4581
size [# of strips]

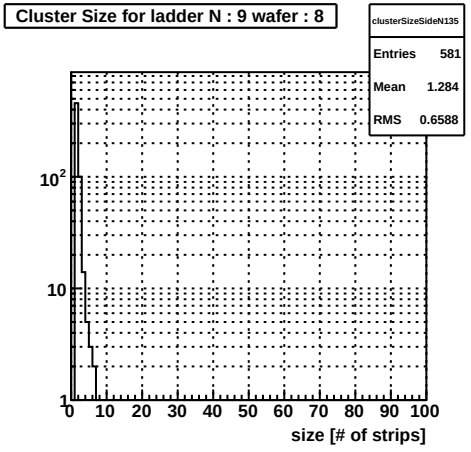

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 690
Mean 1.194
RMS 0.4755
size [# of strips]

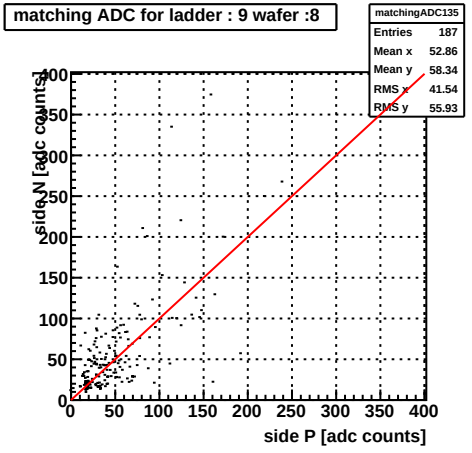

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 310
Mean x 61.56
Mean y 54.57
RMS x 48.47
RMS y 46.9
side N [adc counts]
side P [adc counts]

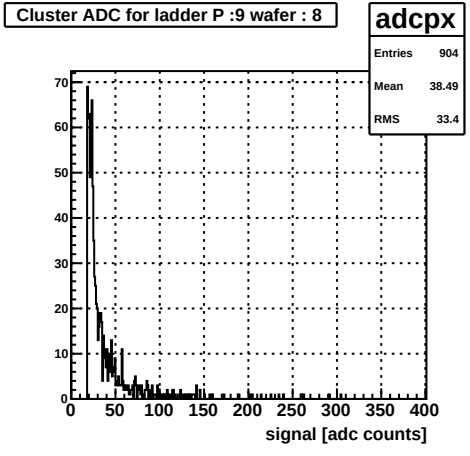

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 772
Mean 45.35
RMS 45.43
signal [adc counts]

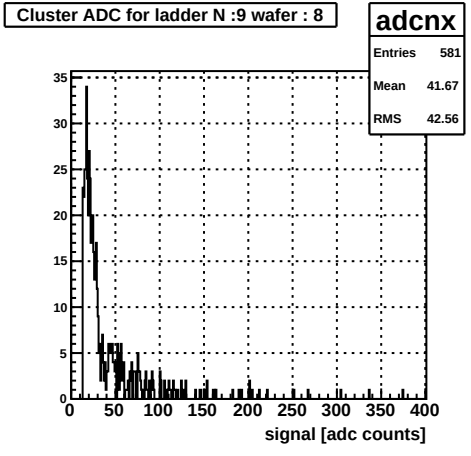

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 690
Mean 43.91
RMS 42.23
signal [adc counts]

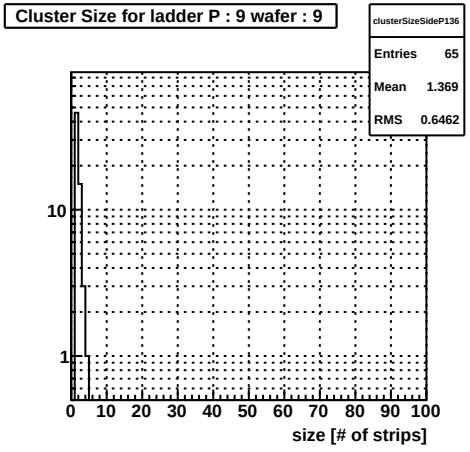

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 904
Mean 1.102
RMS 0.3303
size [# of strips]

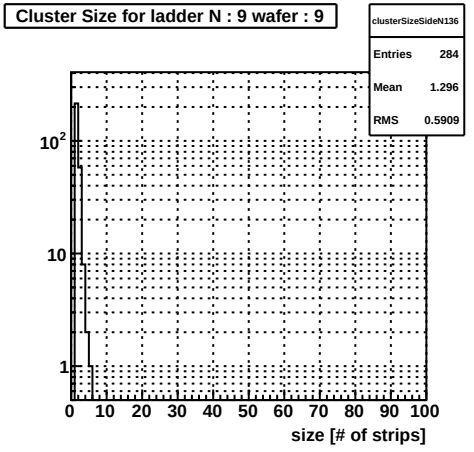

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 581
Mean 1.284
RMS 0.6588
size [# of strips]

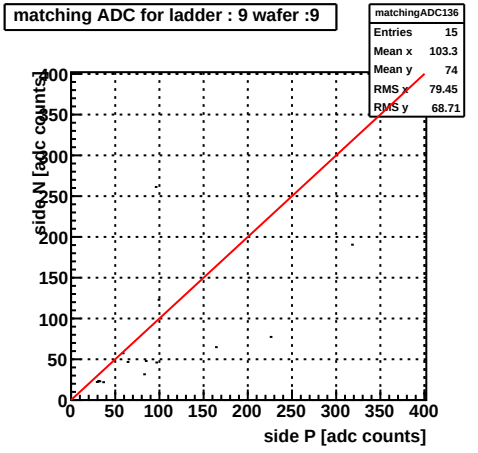

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 187
Mean x 52.86
Mean y 58.34
RMS x 41.54
RMS y 55.93
side N [adc counts]
side P [adc counts]

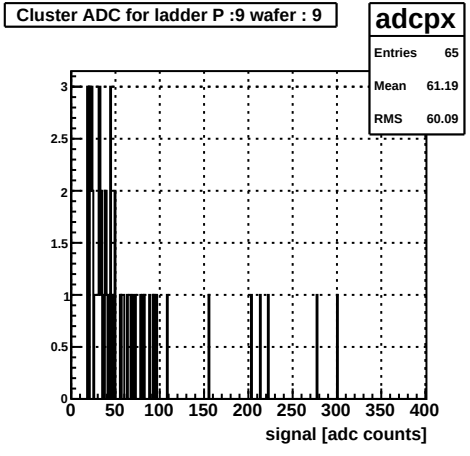

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 904
Mean 38.49
RMS 33.4
signal [adc counts]

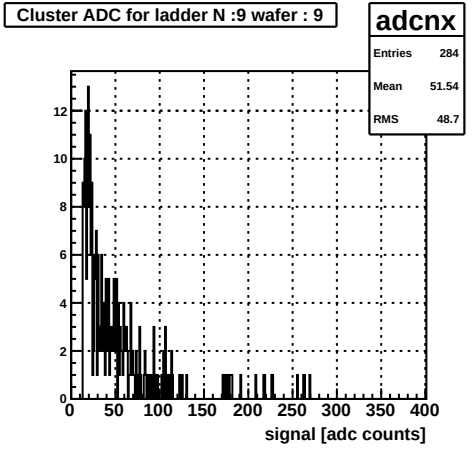

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 581
Mean 41.67
RMS 42.56
signal [adc counts]

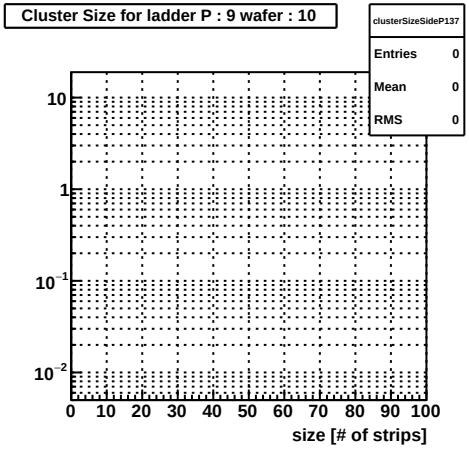

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 65
Mean 1.369
RMS 0.6462
size [# of strips]

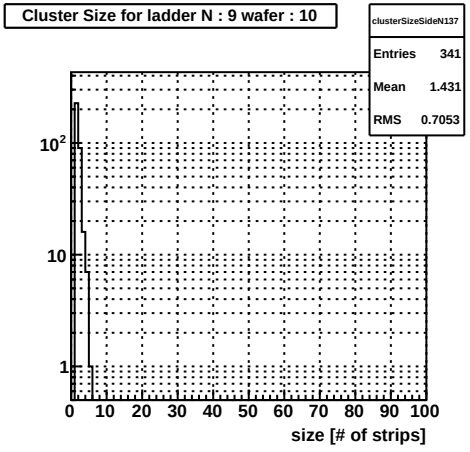

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 284
Mean 1.296
RMS 0.5909
size [# of strips]

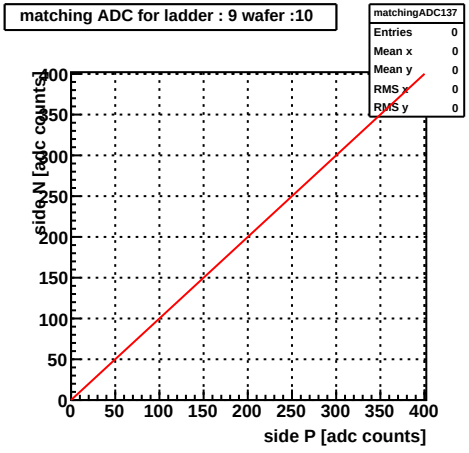

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 15
Mean x 103.3
Mean y 74
RMS x 79.45
RMS y 68.71
side N [adc counts]
side P [adc counts]

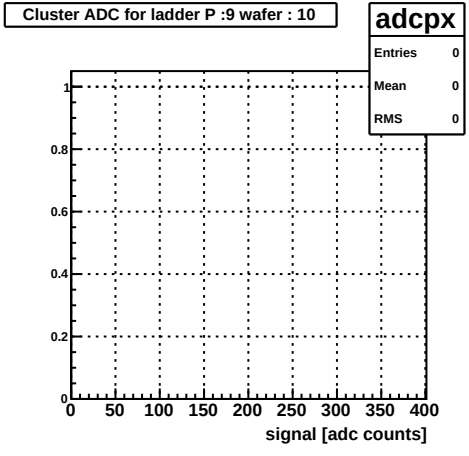

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 65
Mean 61.19
RMS 60.09
signal [adc counts]

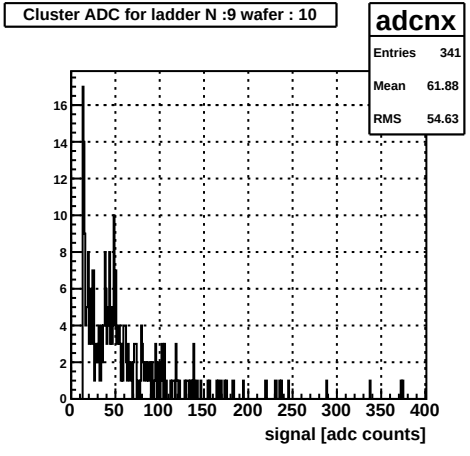

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 284
Mean 51.54
RMS 48.7
signal [adc counts]

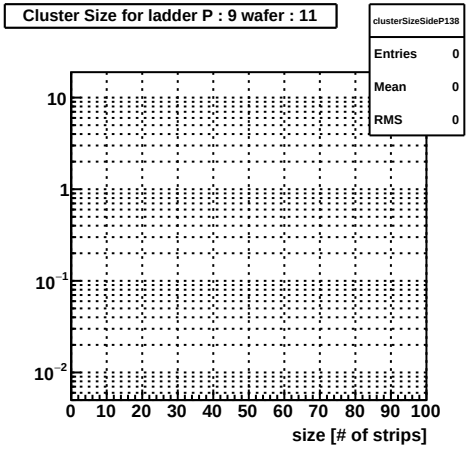

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

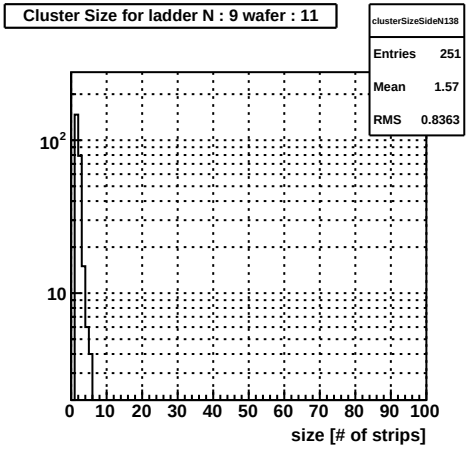

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 341
Mean 1.431
RMS 0.7053
size [# of strips]

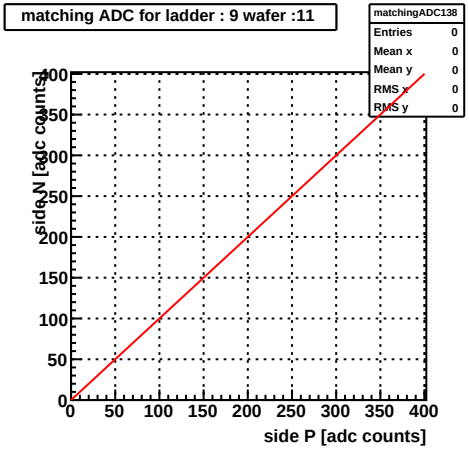

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

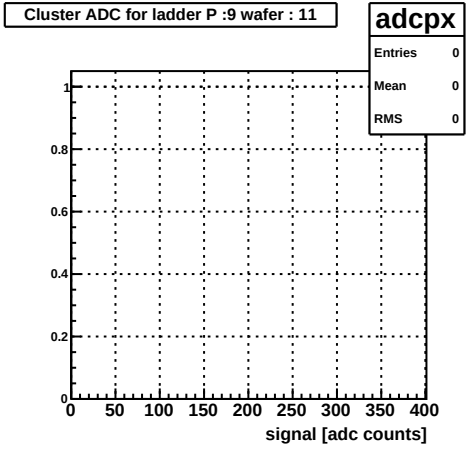

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

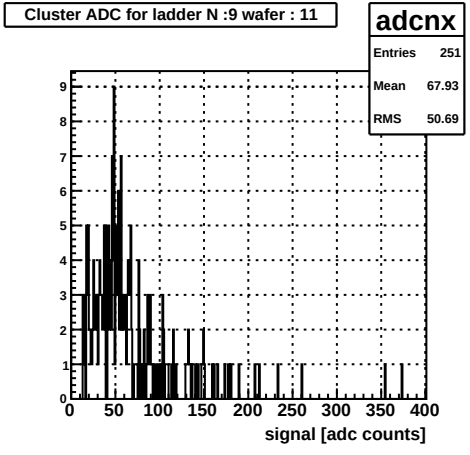

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 341
Mean 61.88
RMS 54.63
signal [adc counts]

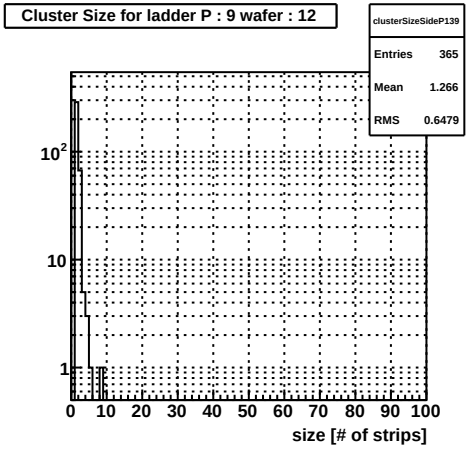

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

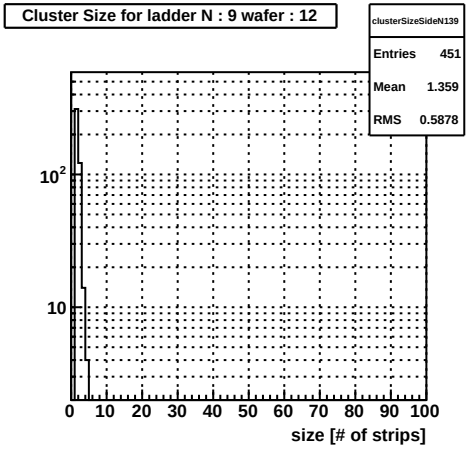

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 251
Mean 1.57
RMS 0.8363
size [# of strips]

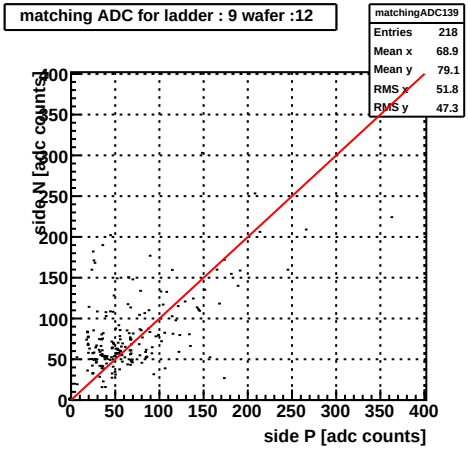

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

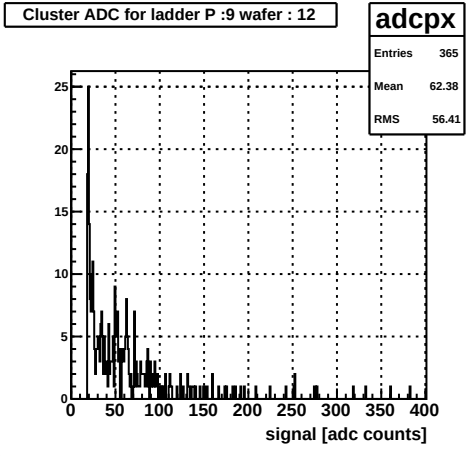

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

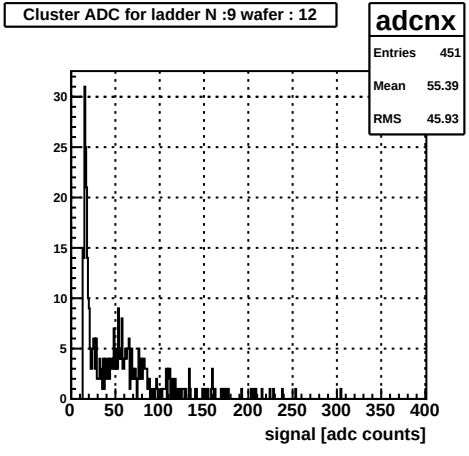

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 251
Mean 67.93
RMS 50.69
signal [adc counts]

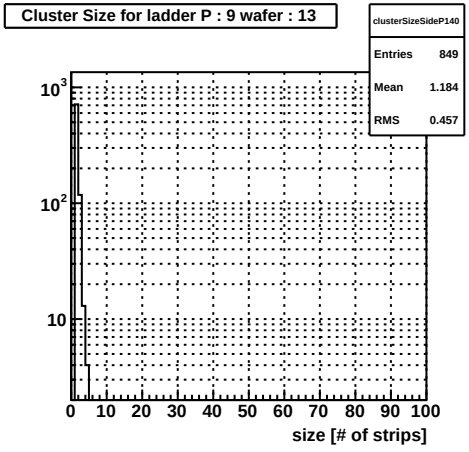

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 365
Mean 1.266
RMS 0.6479
size [# of strips]

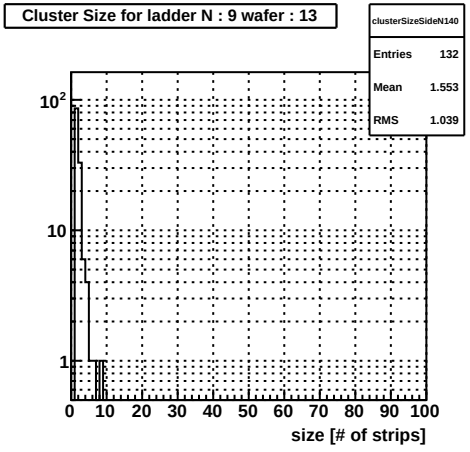

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 451
Mean 1.359
RMS 0.5878
size [# of strips]

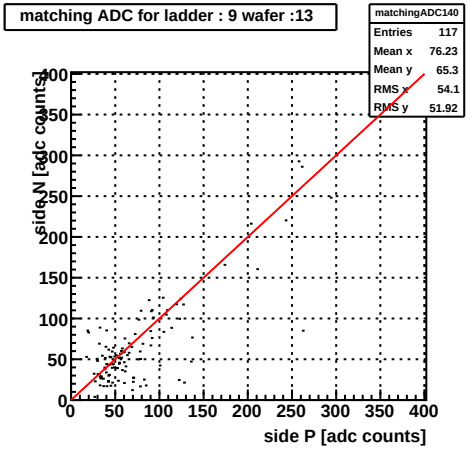

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 218
Mean x 68.9
Mean y 79.1
RMS x 51.8
RMS y 47.3
side N [adc counts]
side P [adc counts]

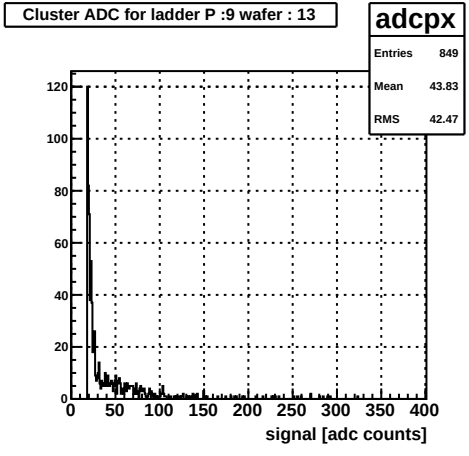

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 365
Mean 62.38
RMS 56.41
signal [adc counts]

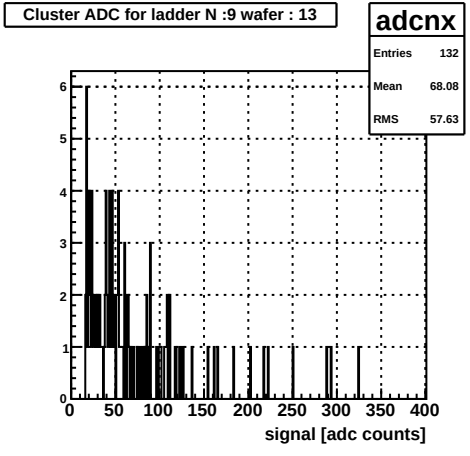

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 451
Mean 55.39
RMS 45.93
signal [adc counts]

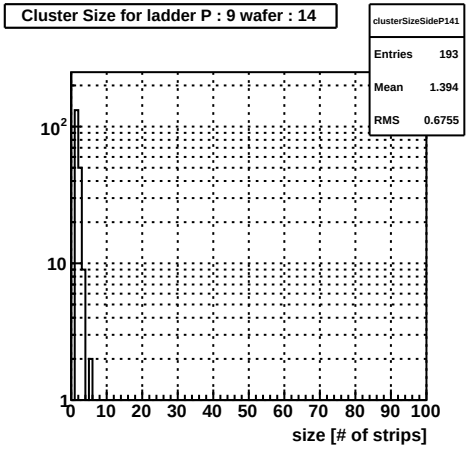

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 849
Mean 1.184
RMS 0.457
size [# of strips]

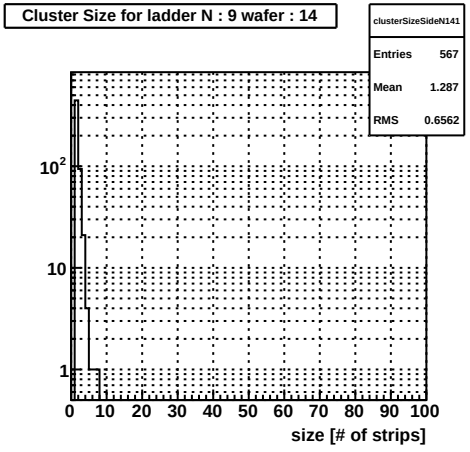

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 132
Mean 1.553
RMS 1.039
size [# of strips]

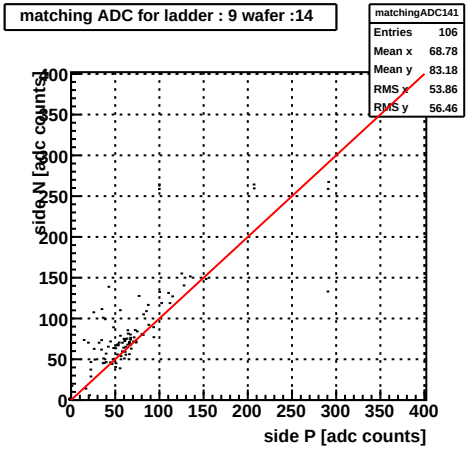

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 117
Mean x 76.23
Mean y 65.3
RMS x 54.1
RMS y 51.92
side N [adc counts]
side P [adc counts]

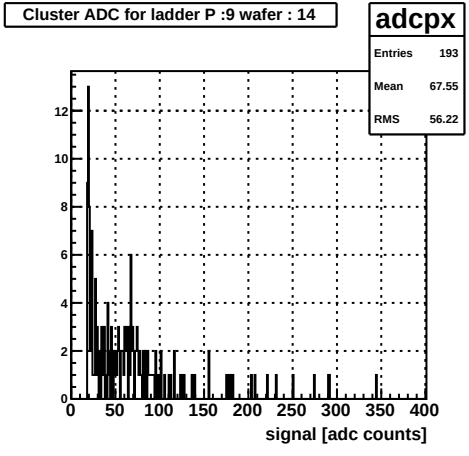

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 849
Mean 43.83
RMS 42.47
signal [adc counts]

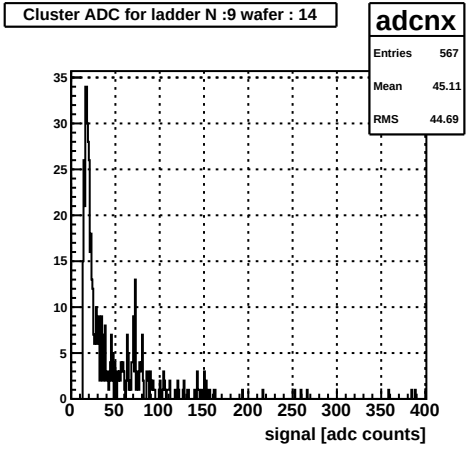

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 132
Mean 68.08
RMS 57.63
signal [adc counts]

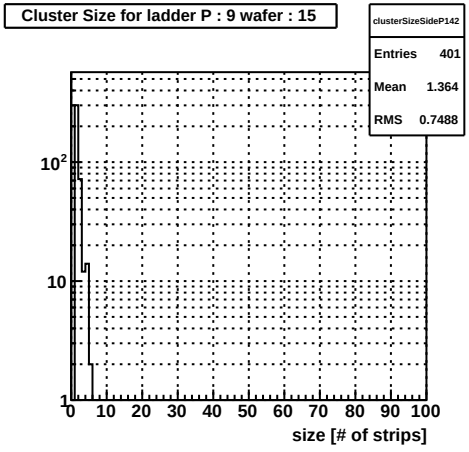

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 193
Mean 1.394
RMS 0.6755
size [# of strips]

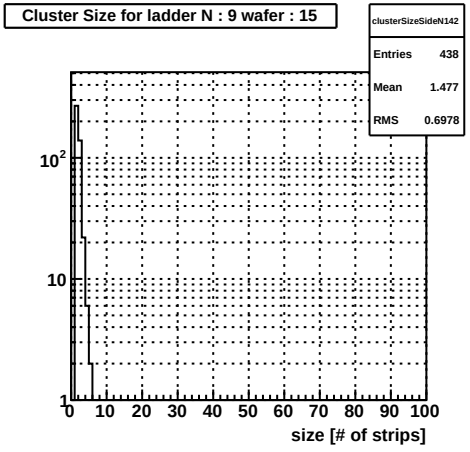

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 567
Mean 1.287
RMS 0.6562
size [# of strips]

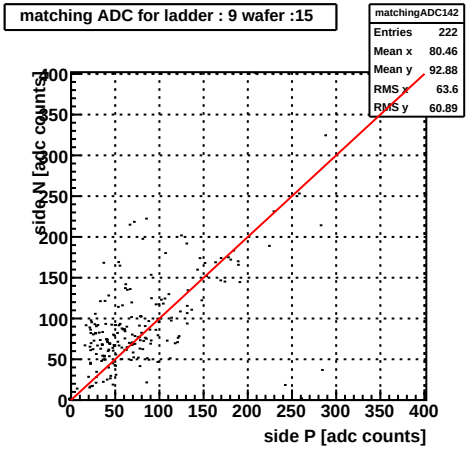

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 106
Mean x 68.78
Mean y 83.18
RMS x 53.86
RMS y 56.46
side N [adc counts]
side P [adc counts]

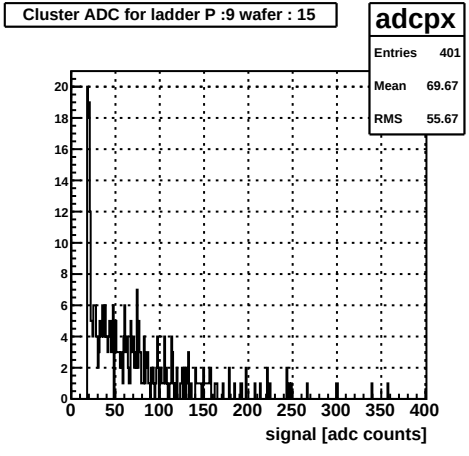

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 193
Mean 67.55
RMS 56.22
signal [adc counts]

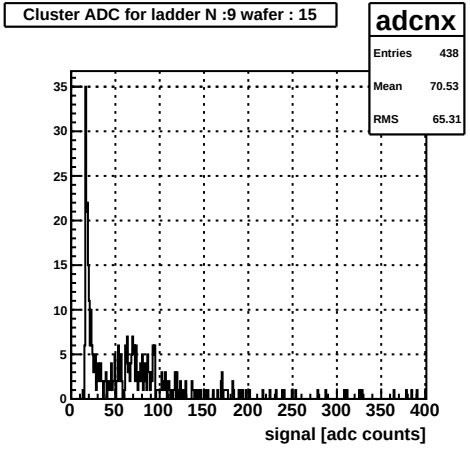

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 567
Mean 45.11
RMS 44.69
signal [adc counts]

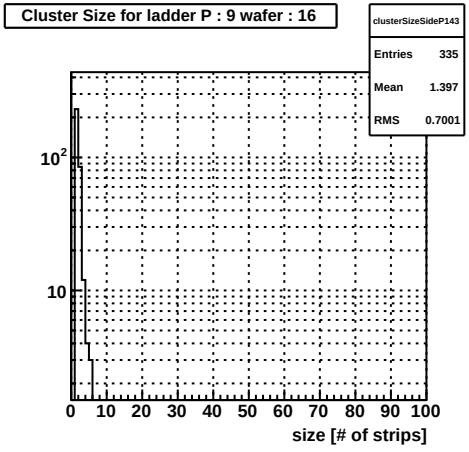

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 401
Mean 1.364
RMS 0.7488
size [# of strips]

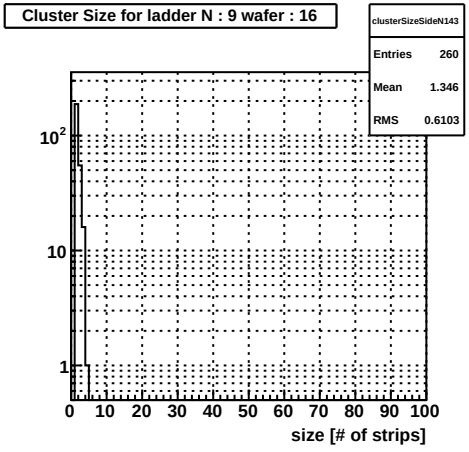

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 438
Mean 1.477
RMS 0.6978
size [# of strips]

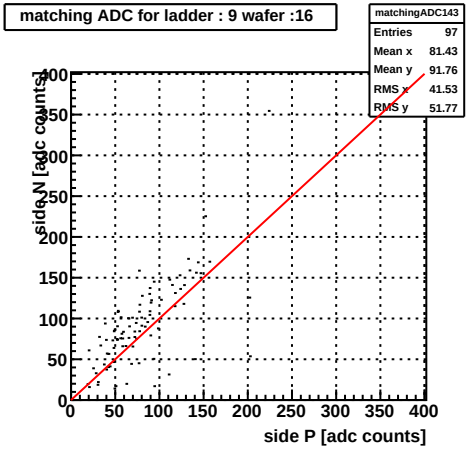

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 222
Mean x 80.46
Mean y 92.88
RMS x 63.6
RMS y 60.89
side N [adc counts]
side P [adc counts]

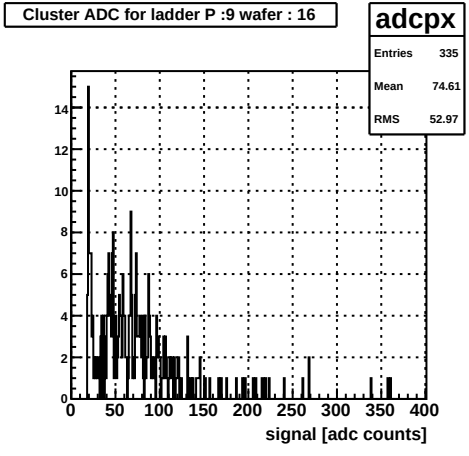

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 401
Mean 69.67
RMS 55.67
signal [adc counts]

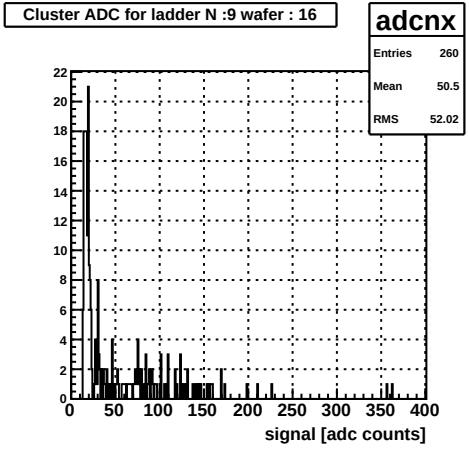

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 438
Mean 70.53
RMS 65.31
signal [adc counts]

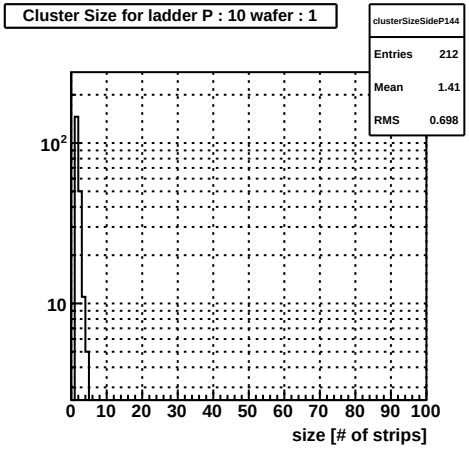

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 335
Mean 1.397
RMS 0.7001
size [# of strips]

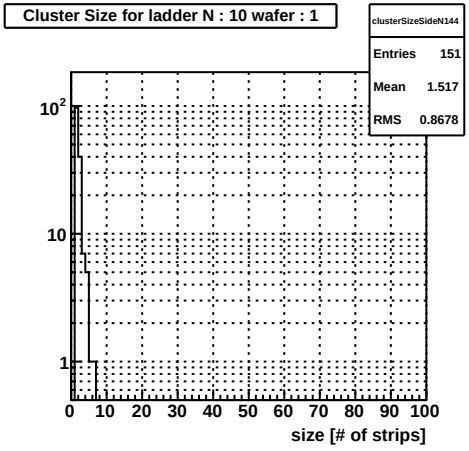

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 260
Mean 1.346
RMS 0.6103
size [# of strips]

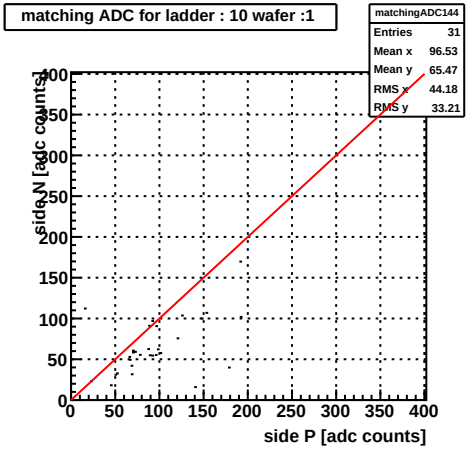

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 97
Mean x 81.43
Mean y 91.76
RMS x 41.53
RMS y 51.77
side N [adc counts]
side P [adc counts]

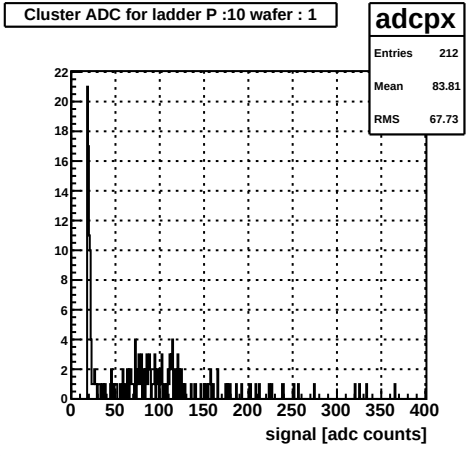

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 335
Mean 74.61
RMS 52.97
signal [adc counts]

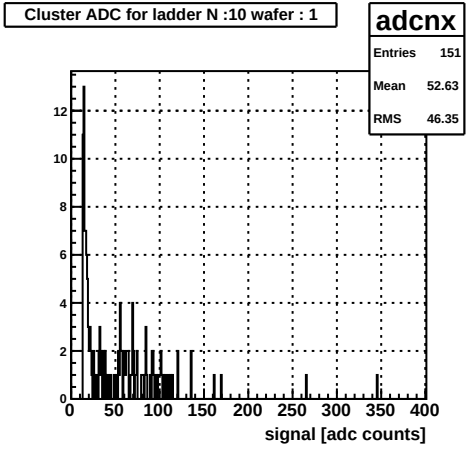

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 260
Mean 50.5
RMS 52.02
signal [adc counts]

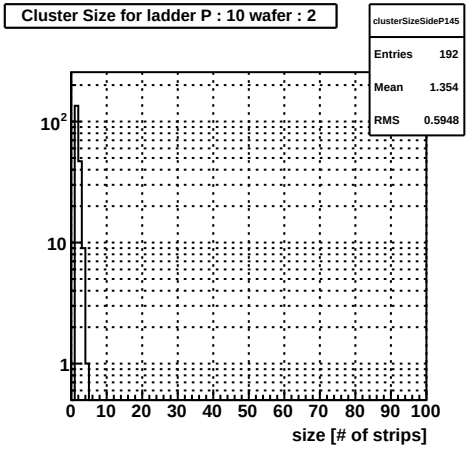

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 212
Mean 1.41
RMS 0.698
size [# of strips]

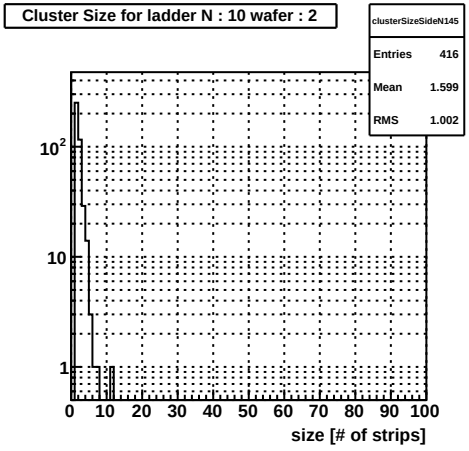

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 151
Mean 1.517
RMS 0.8678
size [# of strips]

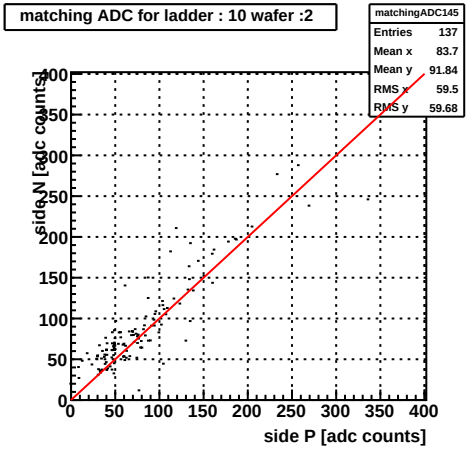

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 31
Mean x 96.53
Mean y 65.47
RMS x 44.18
RMS y 33.21
side N [adc counts]
side P [adc counts]

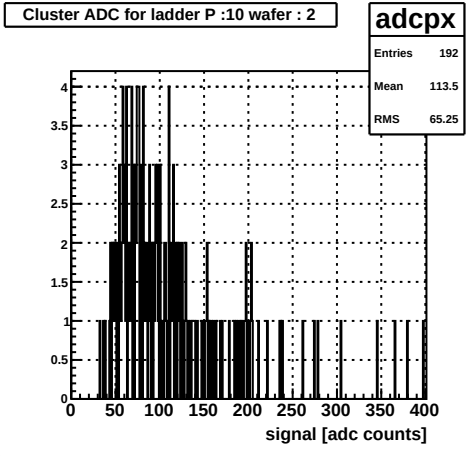

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 212
Mean 83.81
RMS 67.73
signal [adc counts]

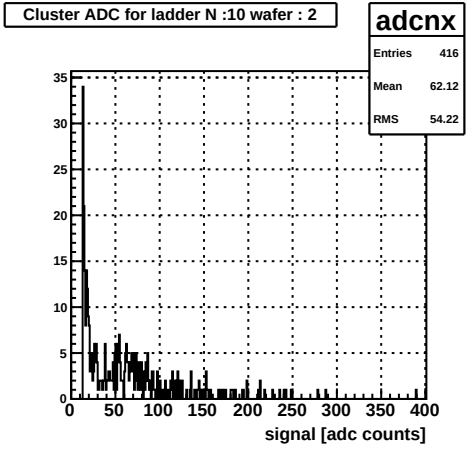

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 151
Mean 52.63
RMS 46.35
signal [adc counts]

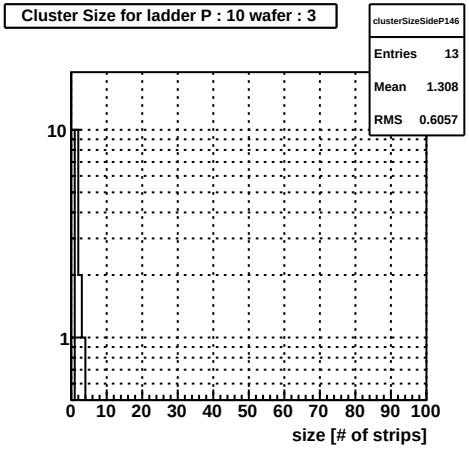

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 192
Mean 1.354
RMS 0.5948
size [# of strips]

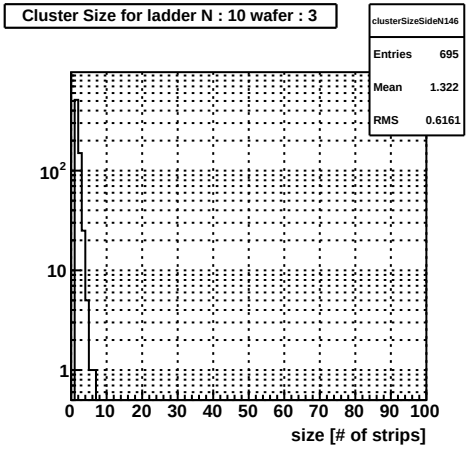

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 416
Mean 1.599
RMS 1.002
size [# of strips]

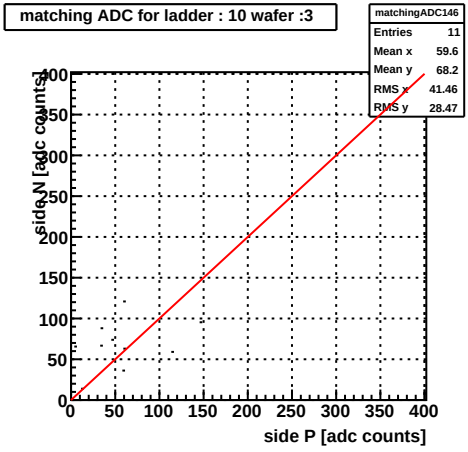

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 137
Mean x 83.7
Mean y 91.84
RMS x 59.5
RMS y 59.68
side N [adc counts]
side P [adc counts]

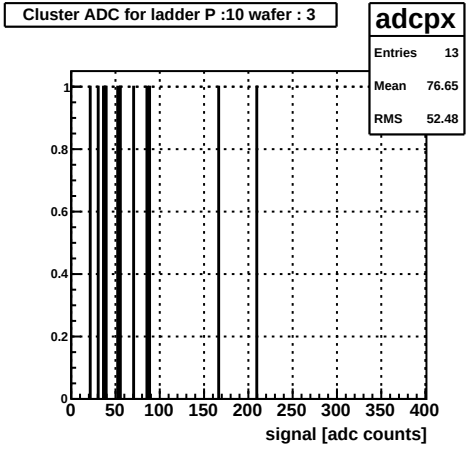

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 192
Mean 113.5
RMS 65.25
signal [adc counts]

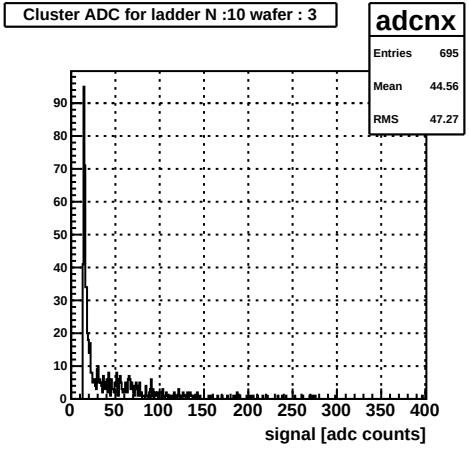

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 416
Mean 62.12
RMS 54.22
signal [adc counts]

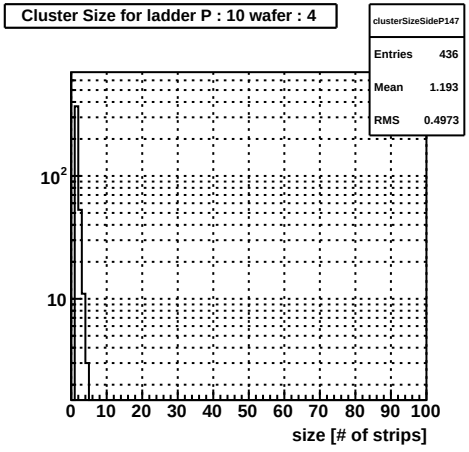

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 13
Mean 1.308
RMS 0.6057
size [# of strips]

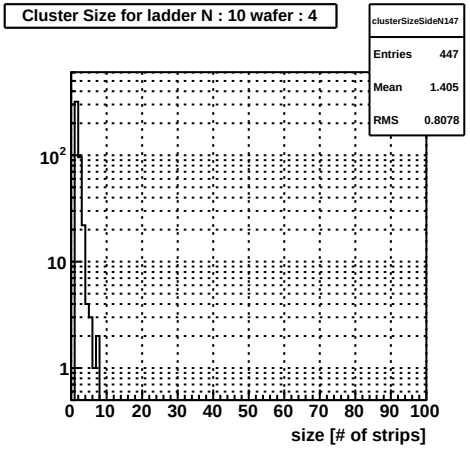

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 695
Mean 1.322
RMS 0.6161
size [# of strips]

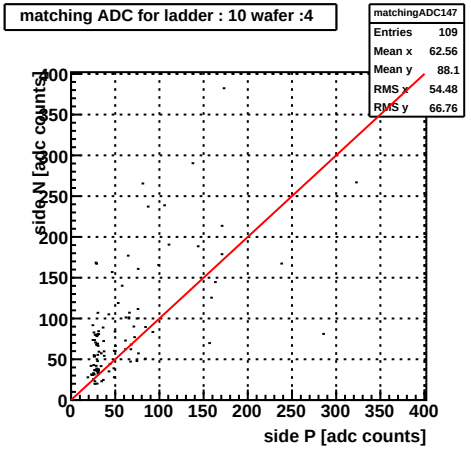

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 11
Mean x 59.6
Mean y 68.2
RMS x 41.46
RMS y 28.47
side N [adc counts]
side P [adc counts]

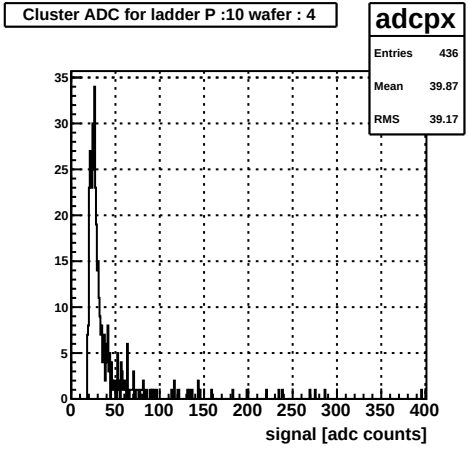

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 13
Mean 76.65
RMS 52.48
signal [adc counts]

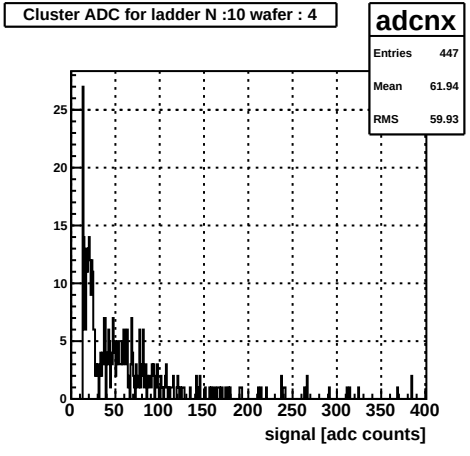

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 695
Mean 44.56
RMS 47.27
signal [adc counts]

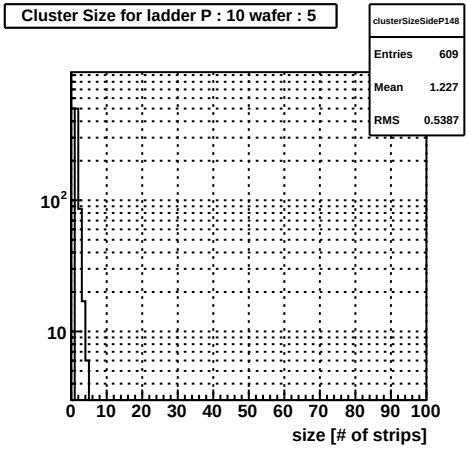

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 436
Mean 1.193
RMS 0.4973
size [# of strips]

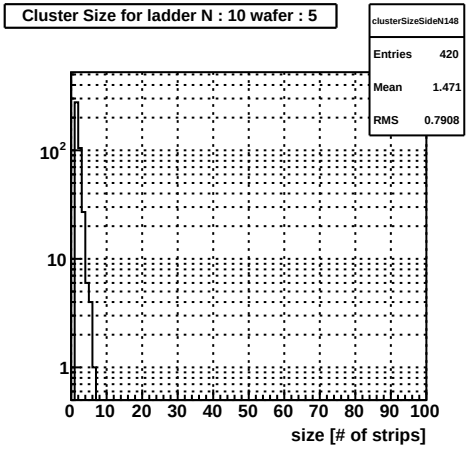

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 447
Mean 1.405
RMS 0.8078
size [# of strips]

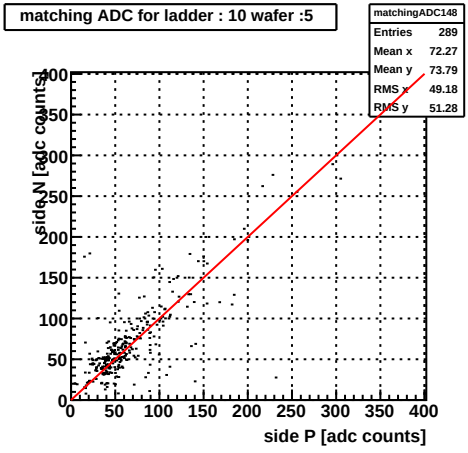

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 109
Mean x 62.56
Mean y 88.1
RMS x 54.48
RMS y 66.76
side N [adc counts]
side P [adc counts]

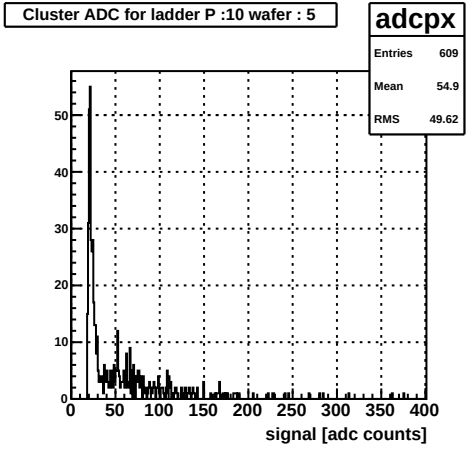

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 436
Mean 39.87
RMS 39.17
signal [adc counts]

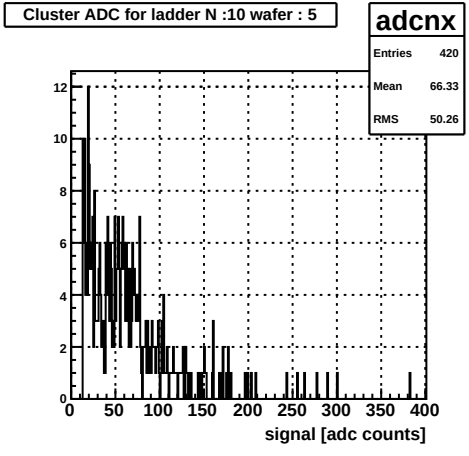

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 447
Mean 61.94
RMS 59.93
signal [adc counts]

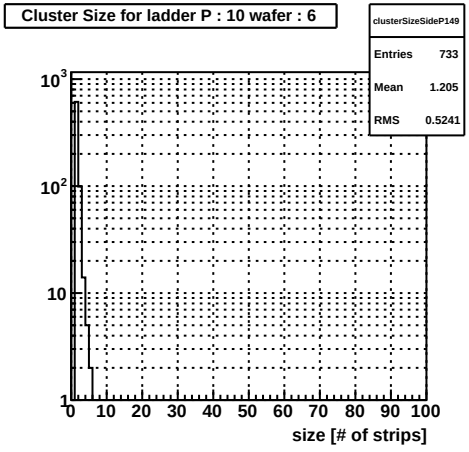

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 609
Mean 1.227
RMS 0.5387
size [# of strips]

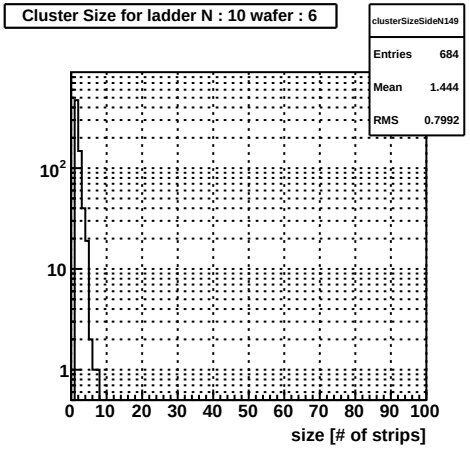

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 420
Mean 1.471
RMS 0.7908
size [# of strips]

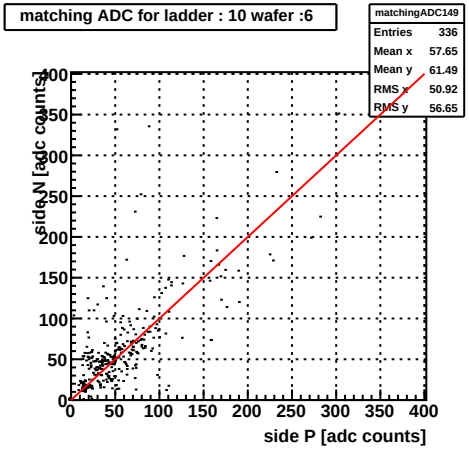

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 289
Mean x 72.27
Mean y 73.79
RMS x 49.18
RMS y 51.28
side N [adc counts]
side P [adc counts]

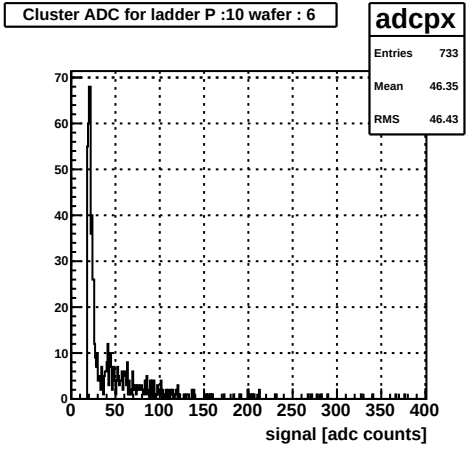

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 609
Mean 54.9
RMS 49.62
signal [adc counts]

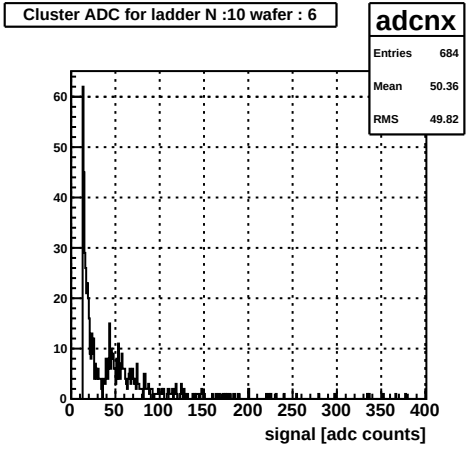

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 420
Mean 66.33
RMS 50.26
signal [adc counts]

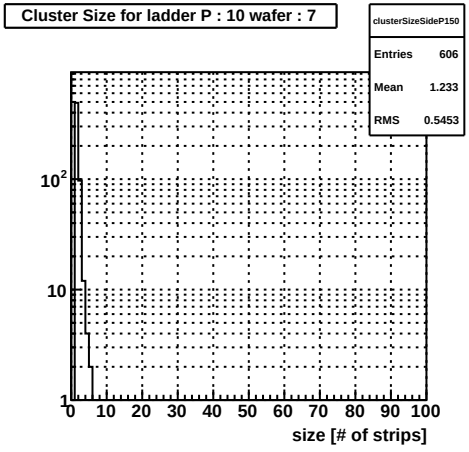

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 733
Mean 1.205
RMS 0.5241
size [# of strips]

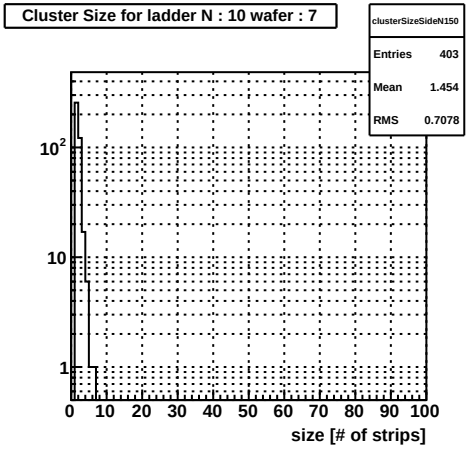

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 684
Mean 1.444
RMS 0.7992
size [# of strips]

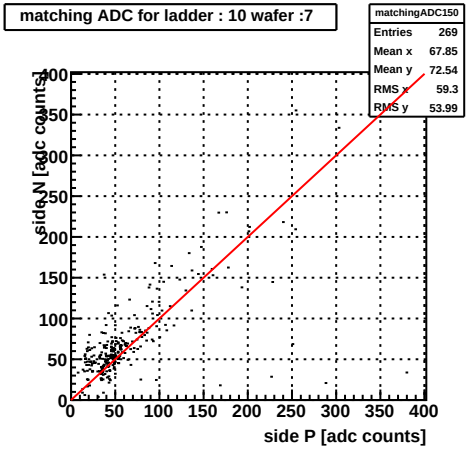

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 336
Mean x 57.65
Mean y 61.49
RMS x 50.92
RMS y 56.65
side N [adc counts]
side P [adc counts]

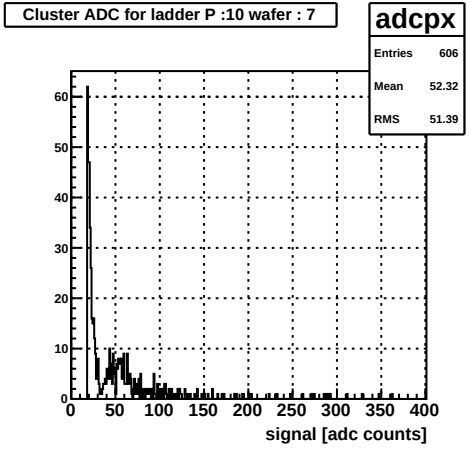

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 733
Mean 46.35
RMS 46.43
signal [adc counts]

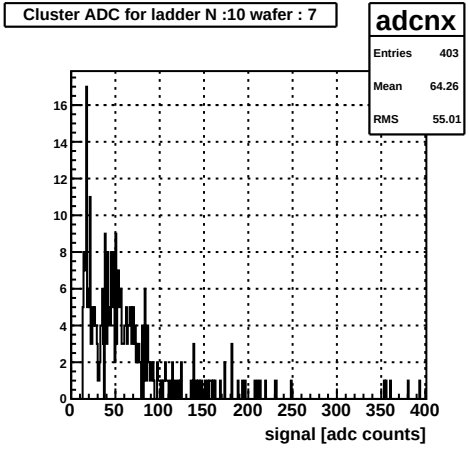

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 684
Mean 50.36
RMS 49.82
signal [adc counts]

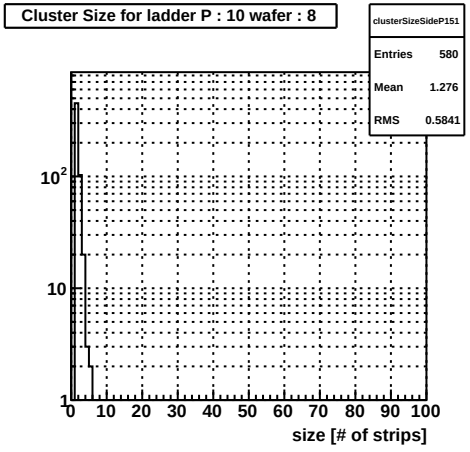

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 606
Mean 1.233
RMS 0.5453
size [# of strips]

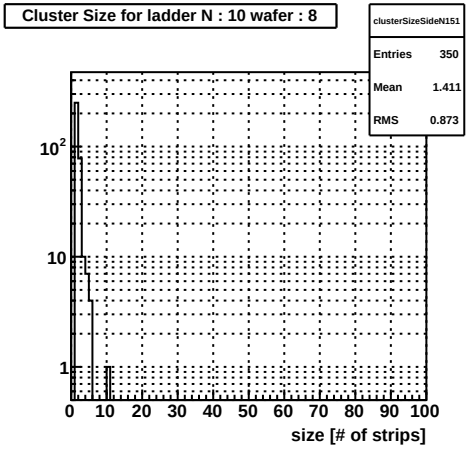

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 403
Mean 1.454
RMS 0.7078
size [# of strips]

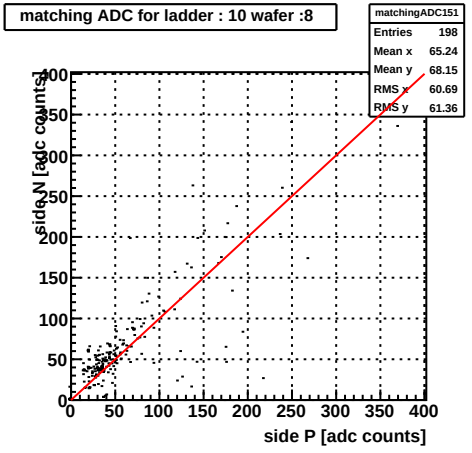

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 269
Mean x 67.85
Mean y 72.54
RMS x 59.3
RMS y 53.99
side N [adc counts]
side P [adc counts]

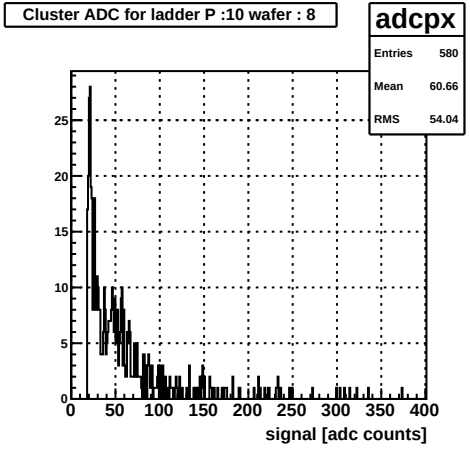

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 606
Mean 52.32
RMS 51.39
signal [adc counts]

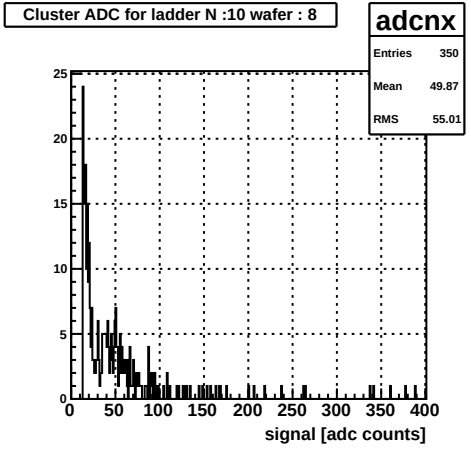

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 403
Mean 64.26
RMS 55.01
signal [adc counts]

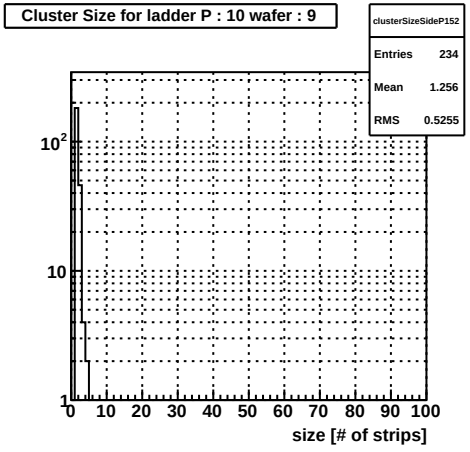

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 580
Mean 1.276
RMS 0.5841
size [# of strips]

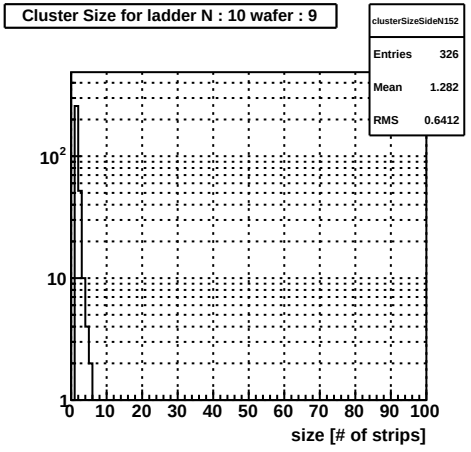

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 350
Mean 1.411
RMS 0.873
size [# of strips]

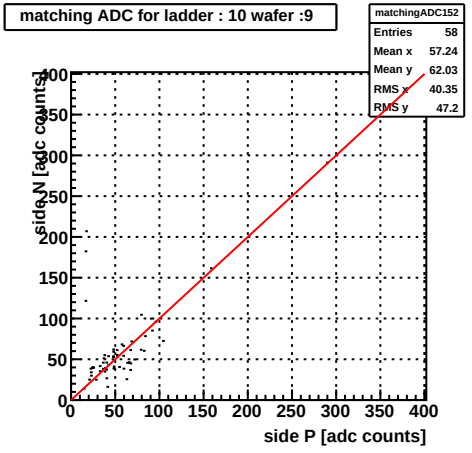

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 198
Mean x 65.24
Mean y 68.15
RMS x 60.69
RMS y 61.36
side N [adc counts]
side P [adc counts]

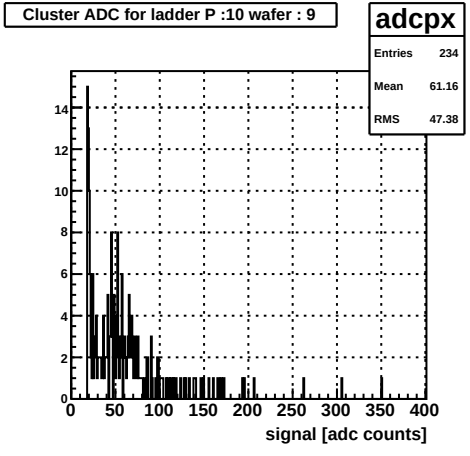

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 580
Mean 60.66
RMS 54.04
signal [adc counts]

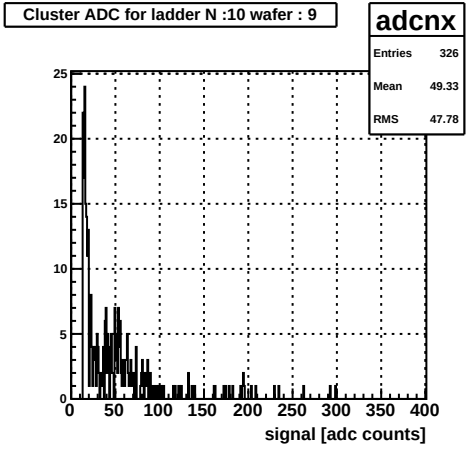

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 350
Mean 49.87
RMS 55.01
signal [adc counts]

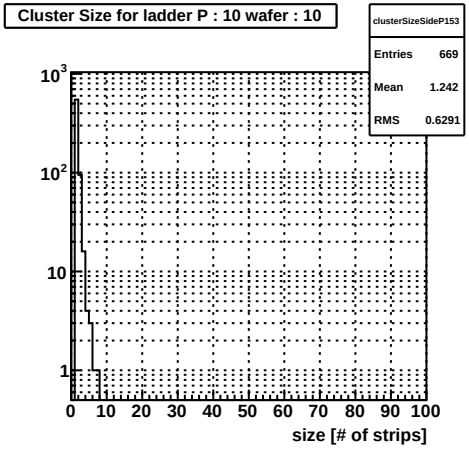

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 234
Mean 1.256
RMS 0.5255
size [# of strips]

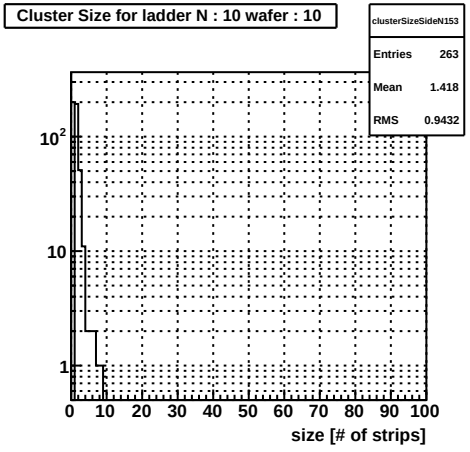

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 326
Mean 1.282
RMS 0.6412
size [# of strips]

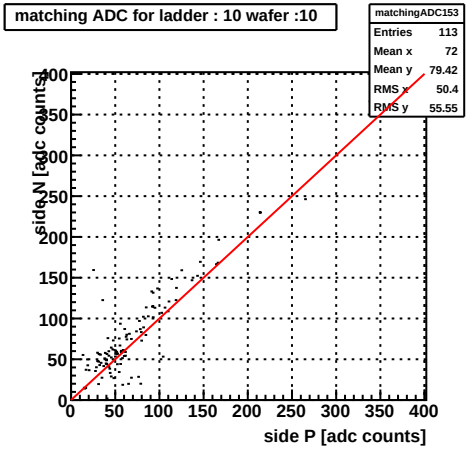

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 58
Mean x 57.24
Mean y 62.03
RMS x 40.35
RMS y 47.2
side N [adc counts]
side P [adc counts]

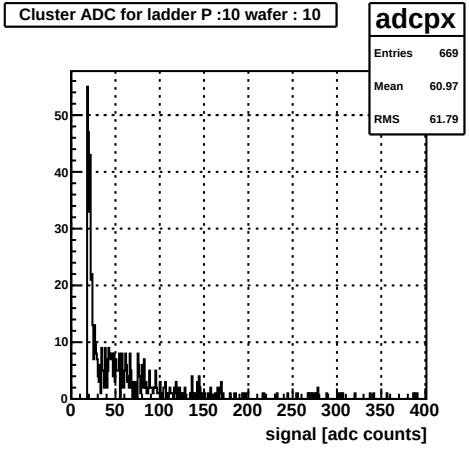

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 234
Mean 61.16
RMS 47.38
signal [adc counts]

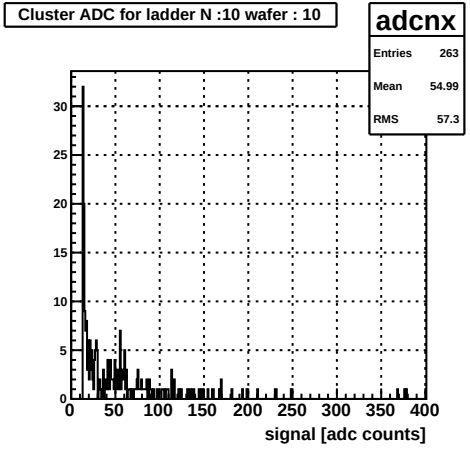

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 326
Mean 49.33
RMS 47.78
signal [adc counts]

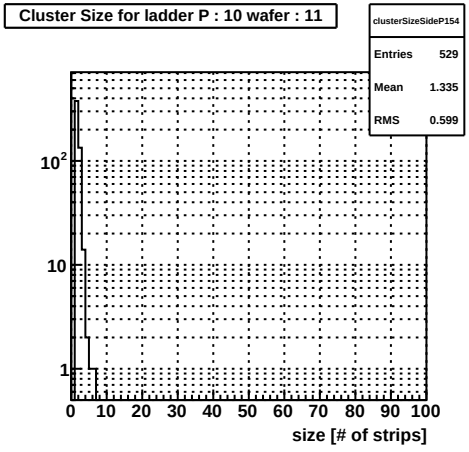

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 669
Mean 1.242
RMS 0.6291
size [# of strips]

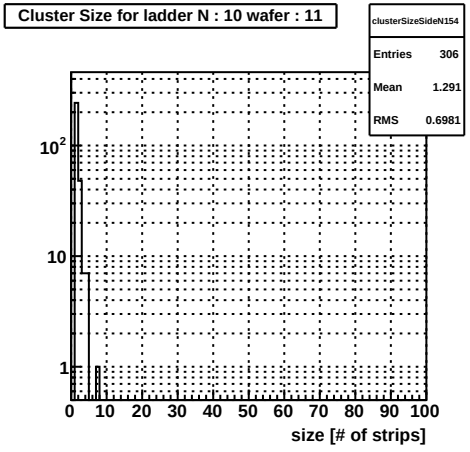

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 263
Mean 1.418
RMS 0.9432
size [# of strips]

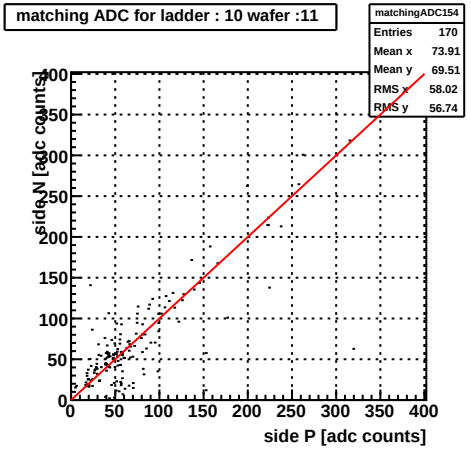

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 113
Mean x 72
Mean y 79.42
RMS x 50.4
RMS y 55.55
side N [adc counts]
side P [adc counts]

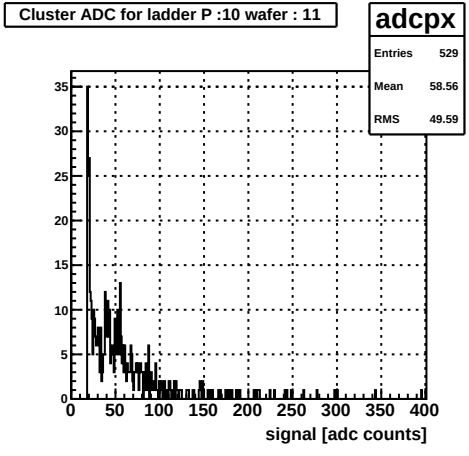

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 669
Mean 60.97
RMS 61.79
signal [adc counts]

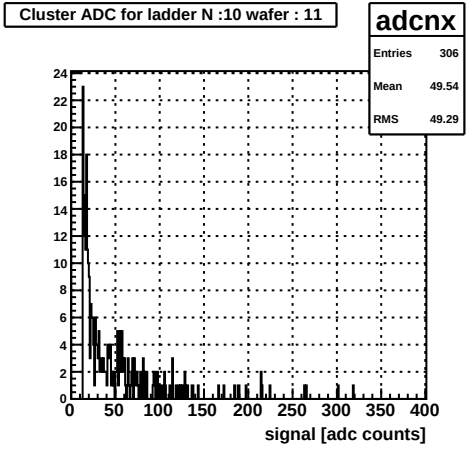

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 263
Mean 54.99
RMS 57.3
signal [adc counts]

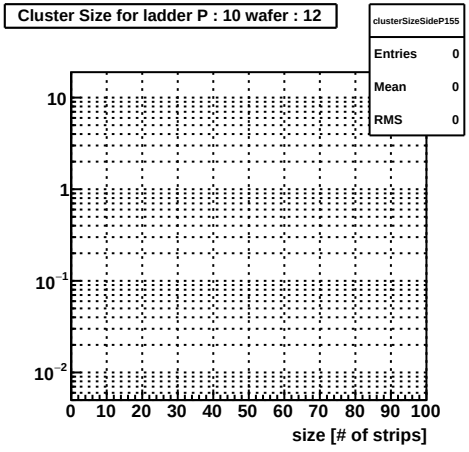

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 529
Mean 1.335
RMS 0.599
size [# of strips]

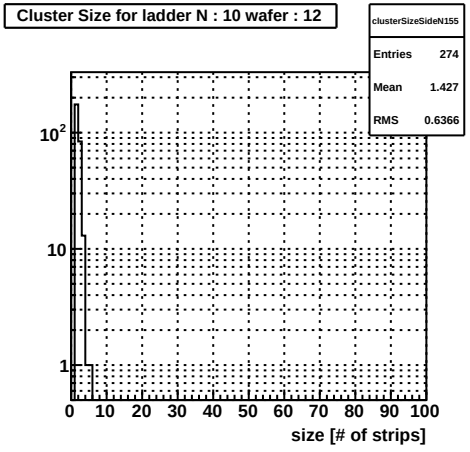

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 306
Mean 1.291
RMS 0.6981
size [# of strips]

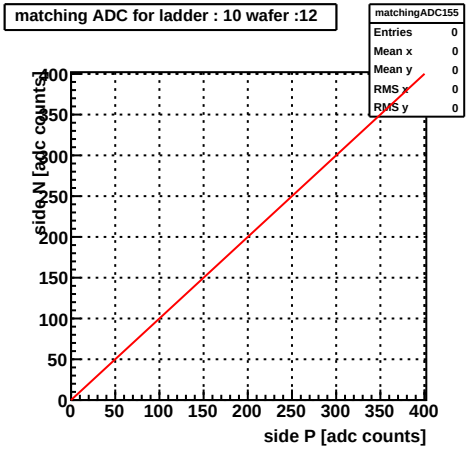

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 170
Mean x 73.91
Mean y 69.51
RMS x 58.02
RMS y 56.74
side N [adc counts]
side P [adc counts]

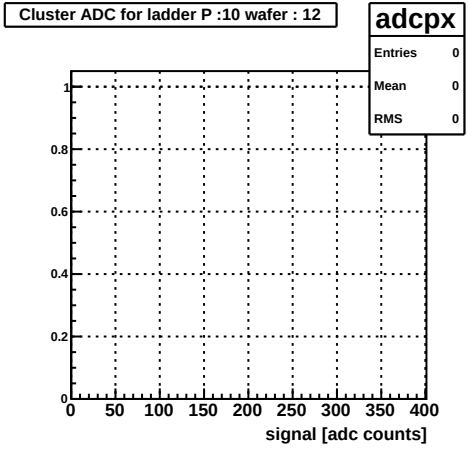

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 529
Mean 58.56
RMS 49.59
signal [adc counts]

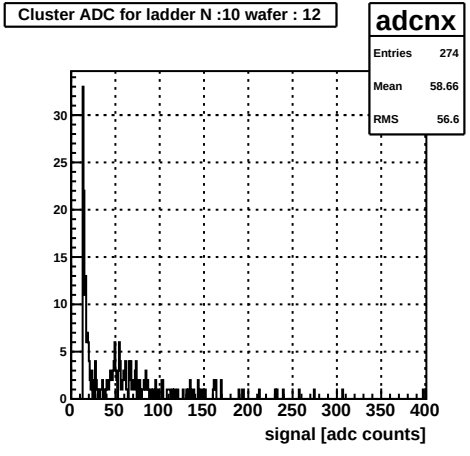

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 306
Mean 49.54
RMS 49.29
signal [adc counts]

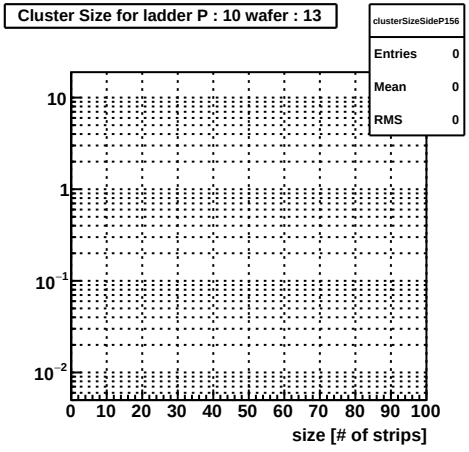

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

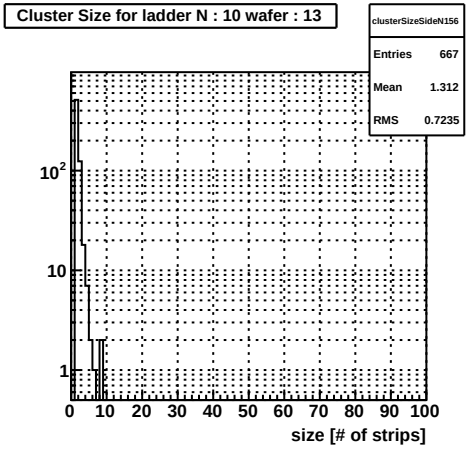

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 274
Mean 1.427
RMS 0.6366
size [# of strips]

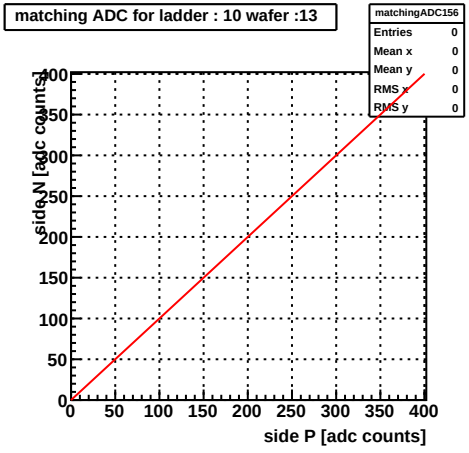

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

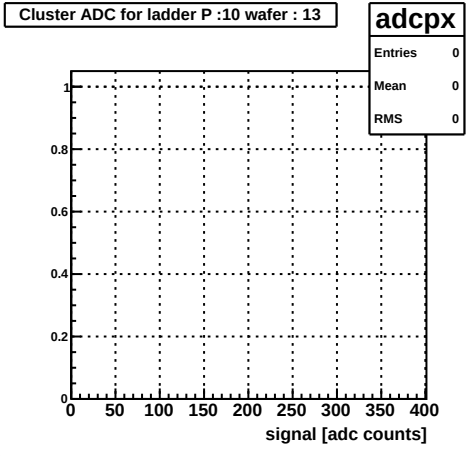

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

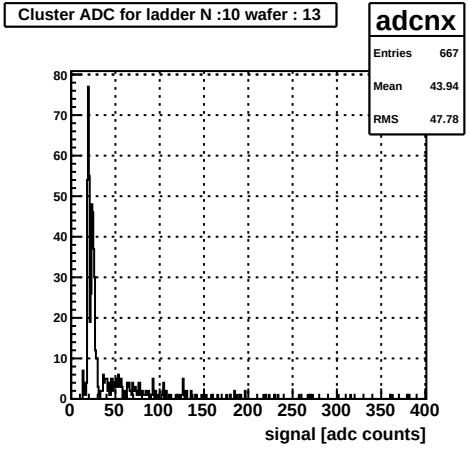

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 274
Mean 58.66
RMS 56.6
signal [adc counts]

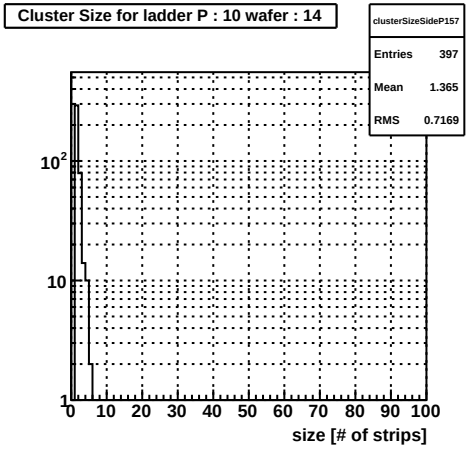

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

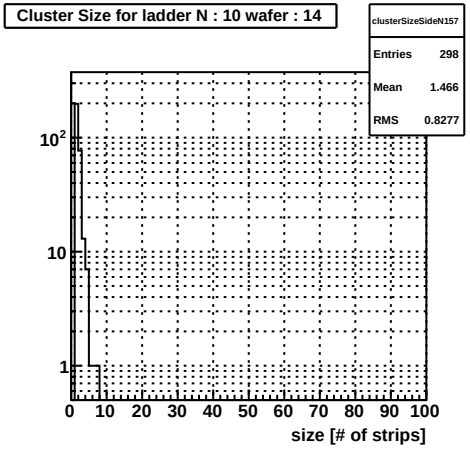

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 667
Mean 1.312
RMS 0.7235
size [# of strips]

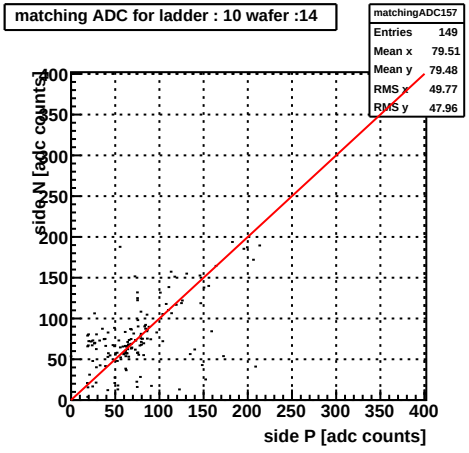

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

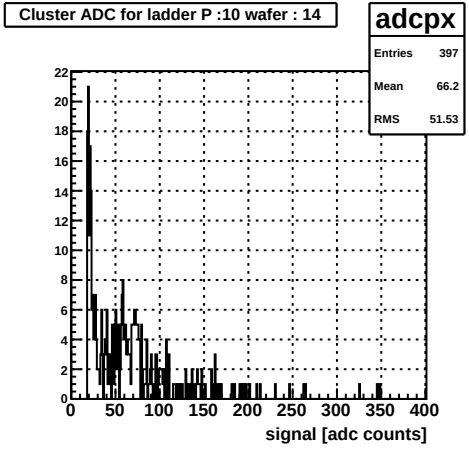

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

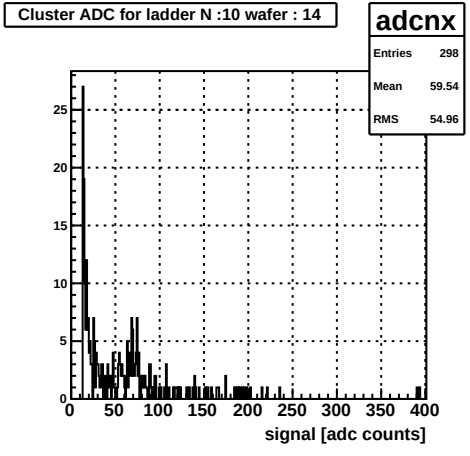

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 667
Mean 43.94
RMS 47.78
signal [adc counts]

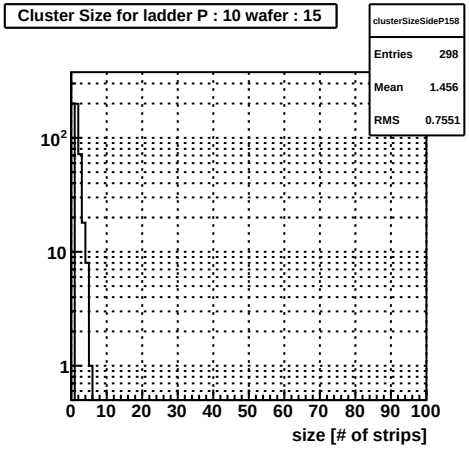

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 397
Mean 1.365
RMS 0.7169
size [# of strips]

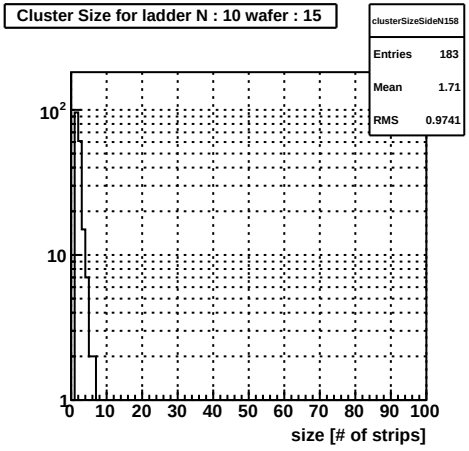

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 298
Mean 1.466
RMS 0.8277
size [# of strips]

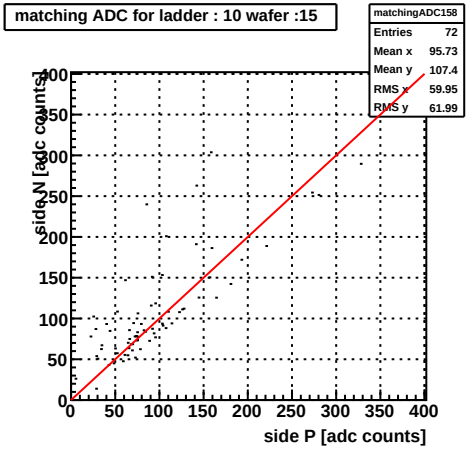

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 149
Mean x 79.51
Mean y 79.48
RMS x 49.77
RMS y 47.96
side N [adc counts]
side P [adc counts]

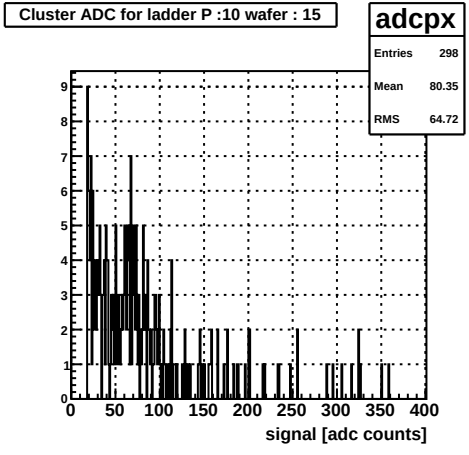

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 397
Mean 66.2
RMS 51.53
signal [adc counts]

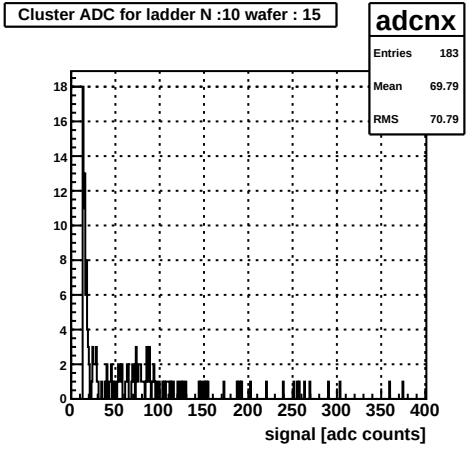

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 298
Mean 59.54
RMS 54.96
signal [adc counts]

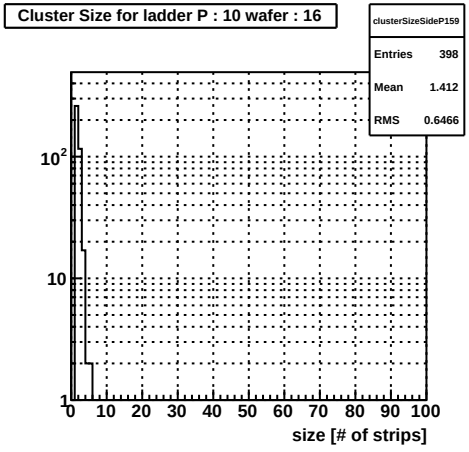

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 298
Mean 1.456
RMS 0.7551
size [# of strips]

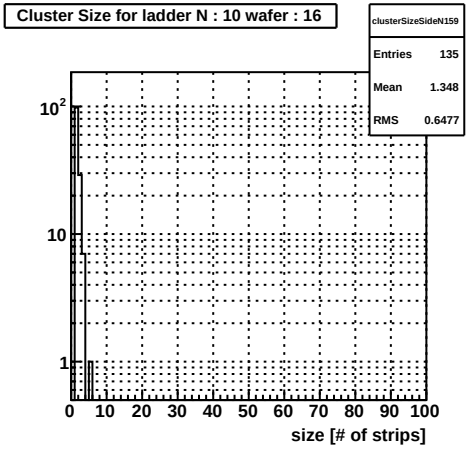

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 183
Mean 1.71
RMS 0.9741
size [# of strips]

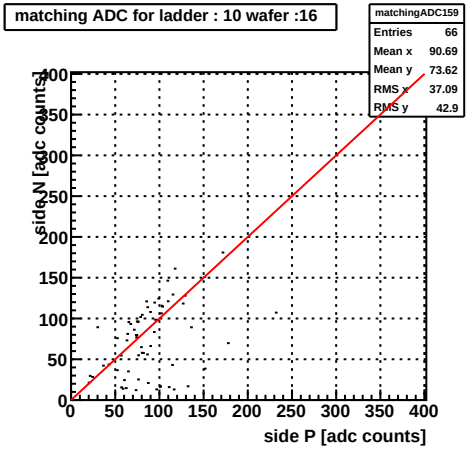

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 72
Mean x 95.73
Mean y 107.4
RMS x 59.95
RMS y 61.99
side N [adc counts]
side P [adc counts]

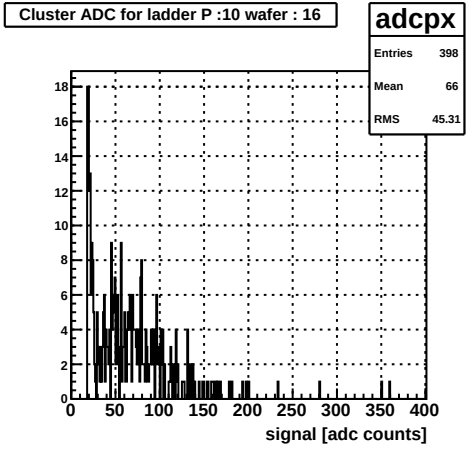

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 298
Mean 80.35
RMS 64.72
signal [adc counts]

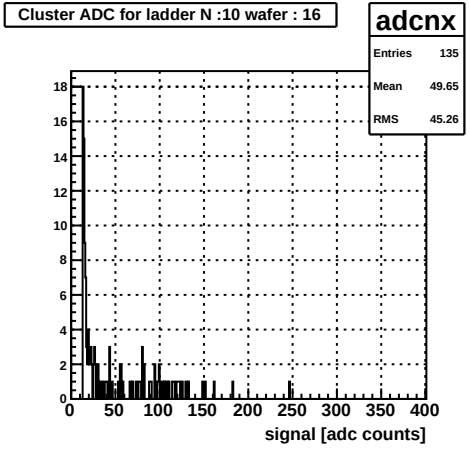

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 183
Mean 69.79
RMS 70.79
signal [adc counts]

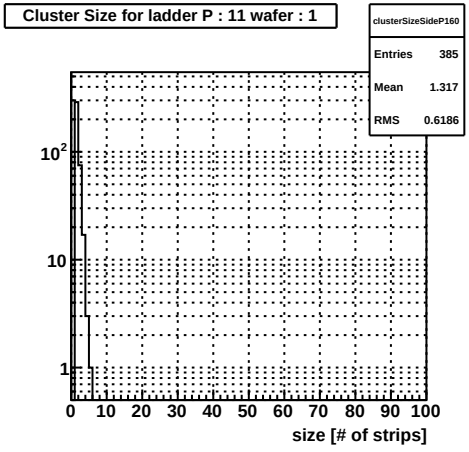

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 398
Mean 1.412
RMS 0.6466
size [# of strips]

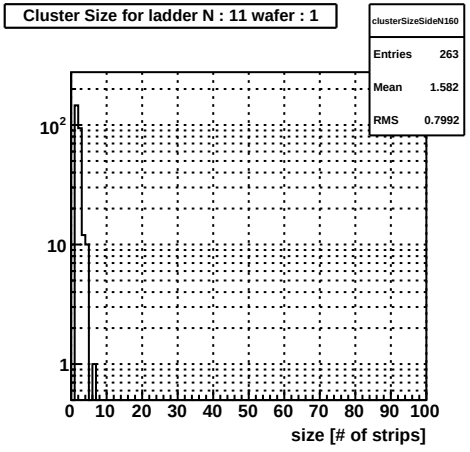

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 135
Mean 1.348
RMS 0.6477
size [# of strips]

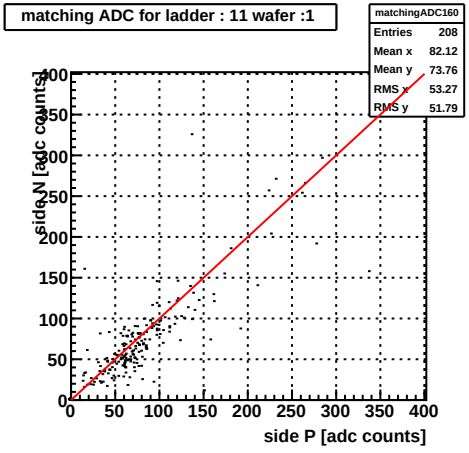

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 66
Mean x 90.69
Mean y 73.62
RMS x 37.09
RMS y 42.9
side N [adc counts]
side P [adc counts]

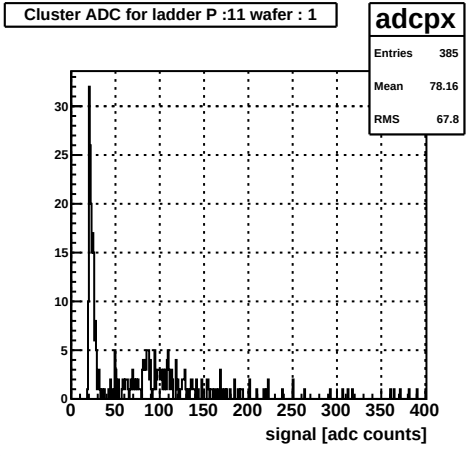

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 398
Mean 66
RMS 45.31
signal [adc counts]

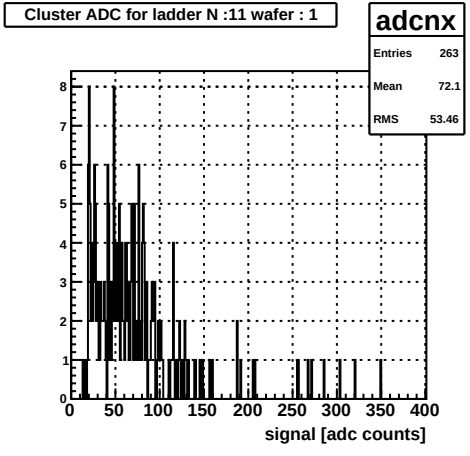

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 135
Mean 49.65
RMS 45.26
signal [adc counts]

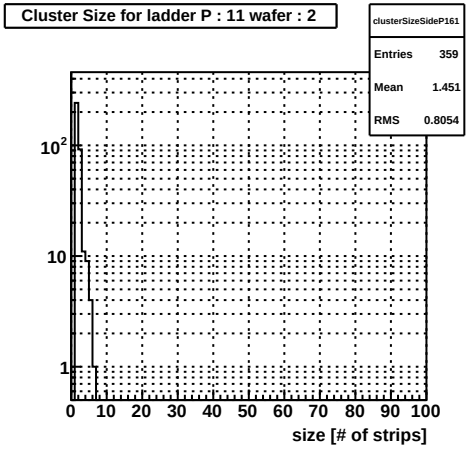

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 385
Mean 1.317
RMS 0.6186
size [# of strips]

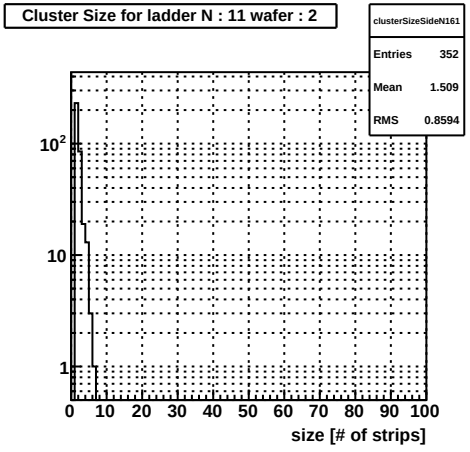

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 263
Mean 1.582
RMS 0.7992
size [# of strips]

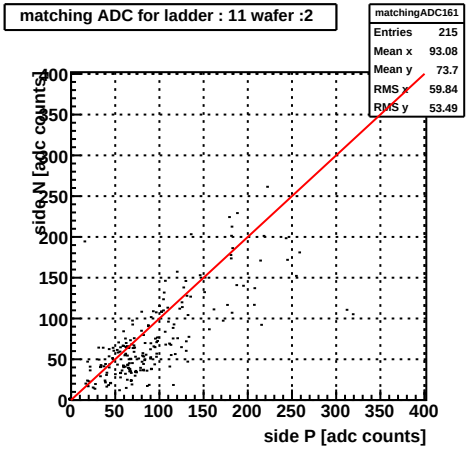

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 208
Mean x 82.12
Mean y 73.76
RMS x 53.27
RMS y 51.79
side N [adc counts]
side P [adc counts]

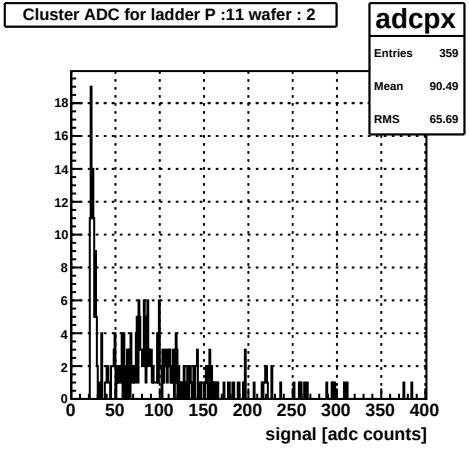

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 385
Mean 78.16
RMS 67.8
signal [adc counts]

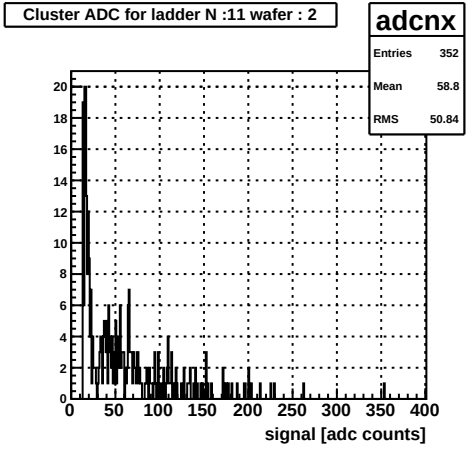

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 263
Mean 72.1
RMS 53.46
signal [adc counts]

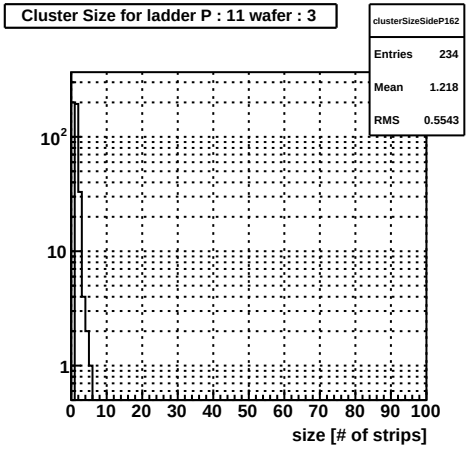

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 359
Mean 1.451
RMS 0.8054
size [# of strips]

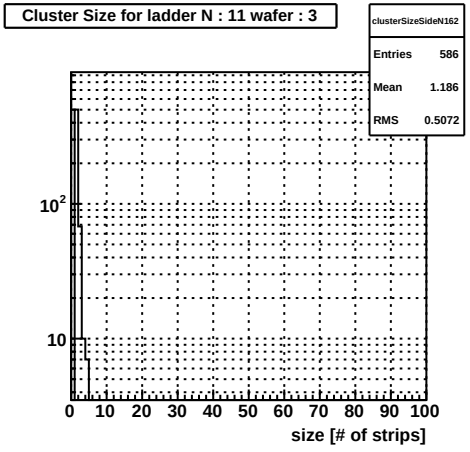

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 352
Mean 1.509
RMS 0.8594
size [# of strips]

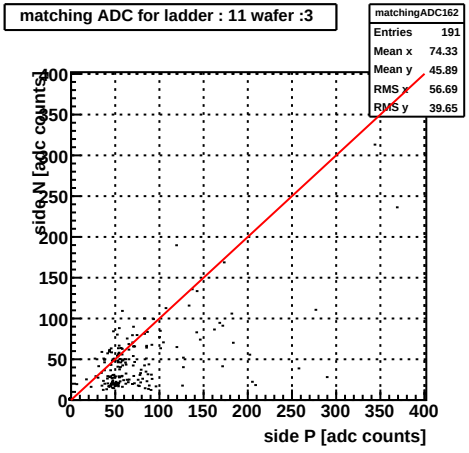

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 215
Mean x 93.08
Mean y 73.7
RMS x 59.84
RMS y 53.49
side N [adc counts]
side P [adc counts]

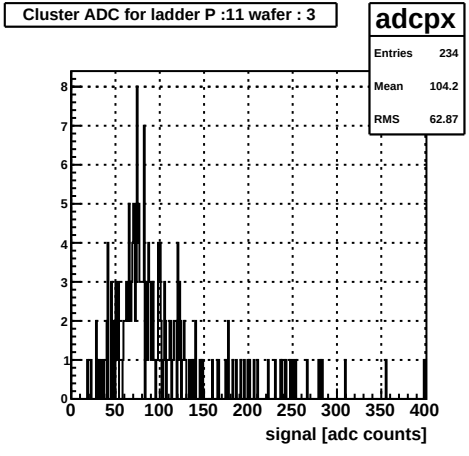

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 359
Mean 90.49
RMS 65.69
signal [adc counts]

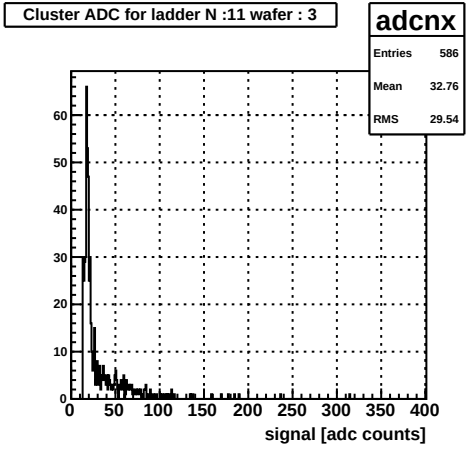

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 352
Mean 58.8
RMS 50.84
signal [adc counts]

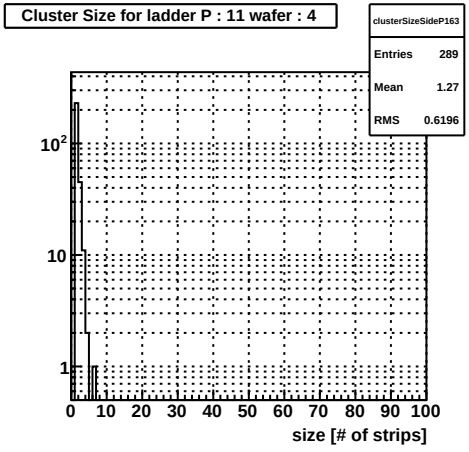

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 234
Mean 1.218
RMS 0.5543
size [# of strips]

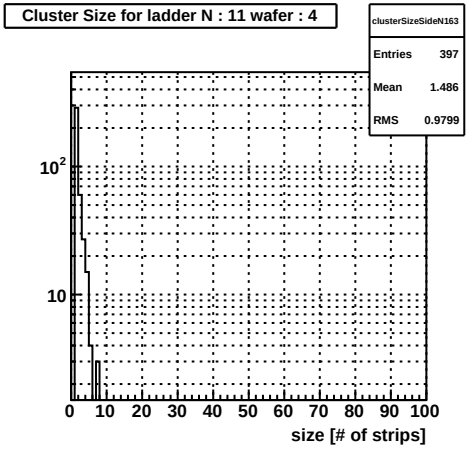

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 586
Mean 1.186
RMS 0.5072
size [# of strips]

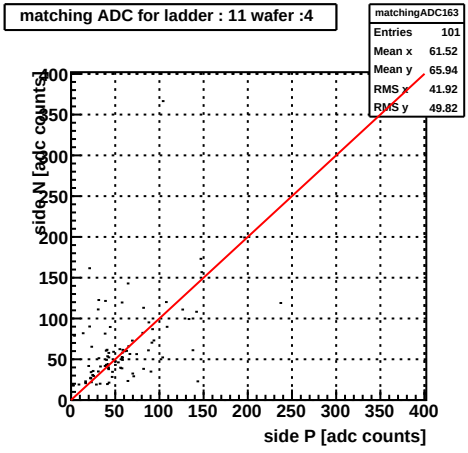

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 191
Mean x 74.33
Mean y 45.89
RMS x 56.69
RMS y 39.65
side N [adc counts]
side P [adc counts]

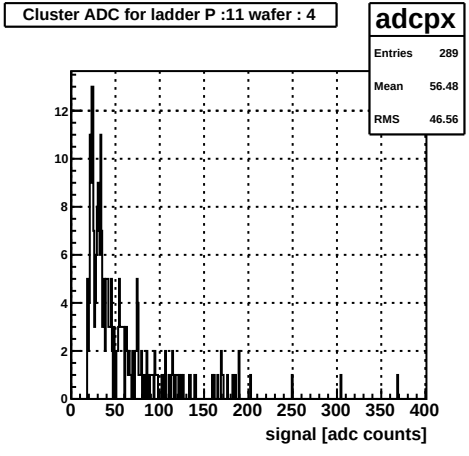

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 234
Mean 104.2
RMS 62.87
signal [adc counts]

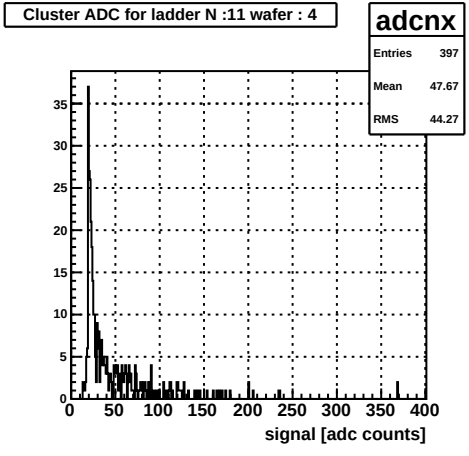

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 586
Mean 32.76
RMS 29.54
signal [adc counts]

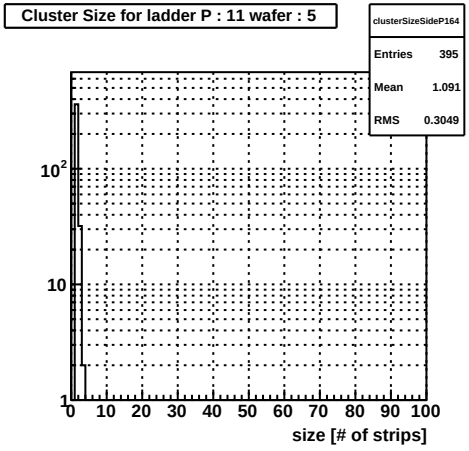

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 289
Mean 1.27
RMS 0.6196
size [# of strips]

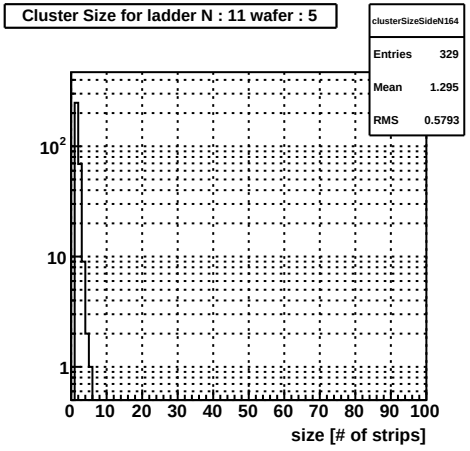

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 397
Mean 1.486
RMS 0.9799
size [# of strips]

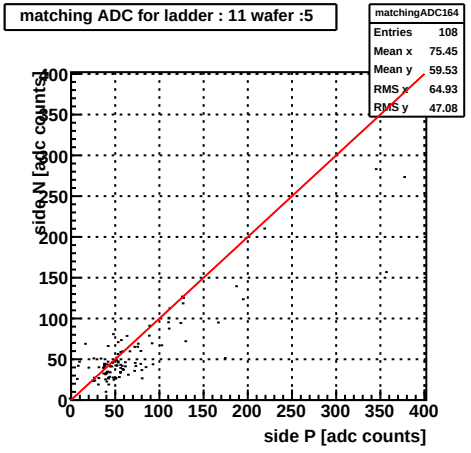

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 101
Mean x 61.52
Mean y 65.94
RMS x 41.92
RMS y 49.82
side N [adc counts]
side P [adc counts]

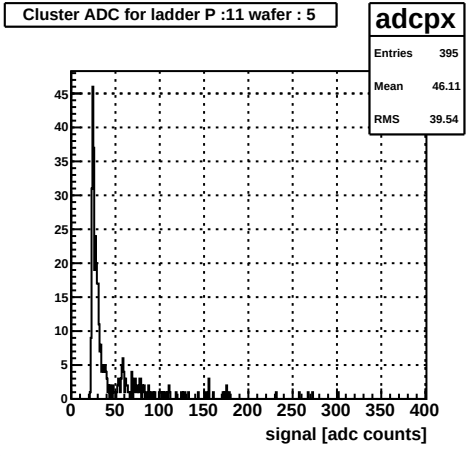

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 289
Mean 56.48
RMS 46.56
signal [adc counts]

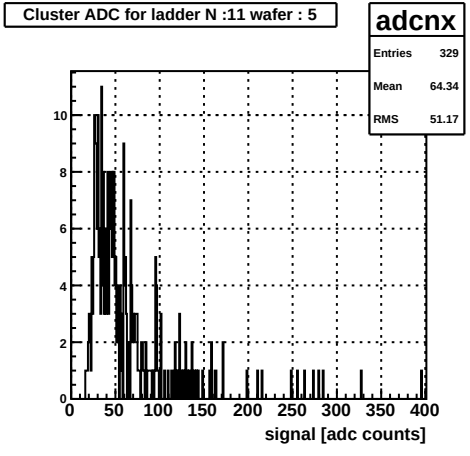

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 397
Mean 47.67
RMS 44.27
signal [adc counts]

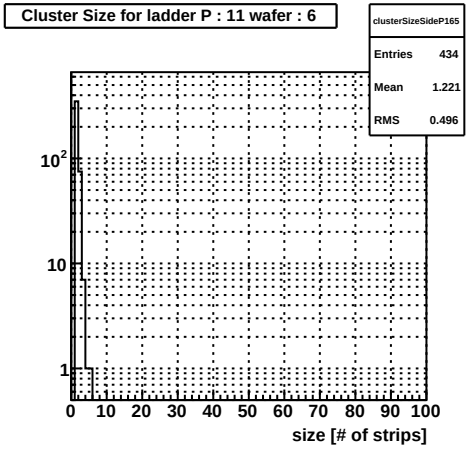

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 395
Mean 1.091
RMS 0.3049
size [# of strips]

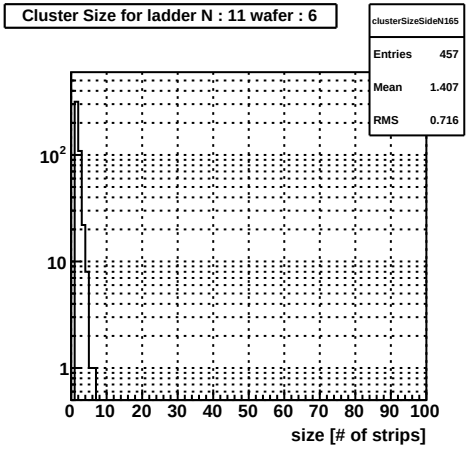

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 329
Mean 1.295
RMS 0.5793
size [# of strips]

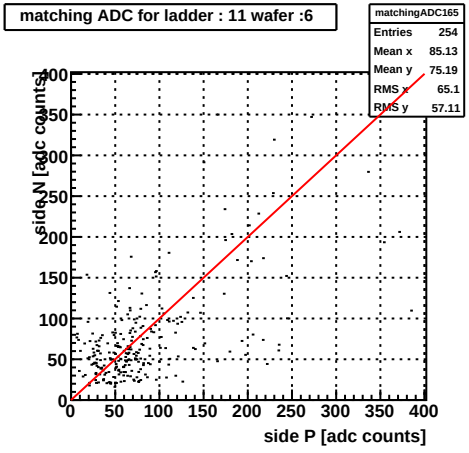

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 108
Mean x 75.45
Mean y 59.53
RMS x 64.93
RMS y 47.08
side N [adc counts]
side P [adc counts]

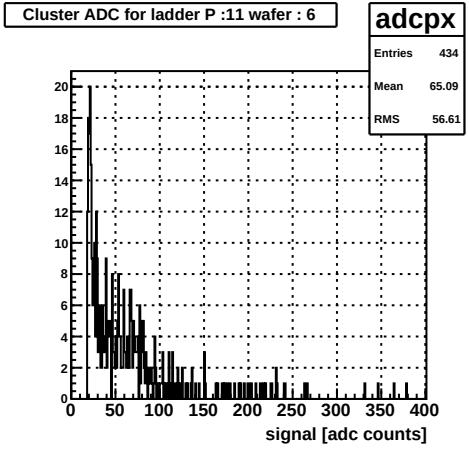

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 395
Mean 46.11
RMS 39.54
signal [adc counts]

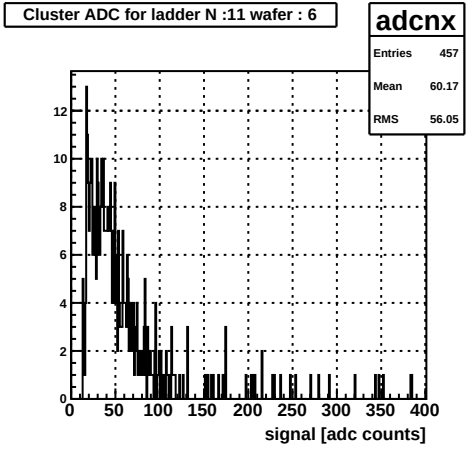

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 329
Mean 64.34
RMS 51.17
signal [adc counts]

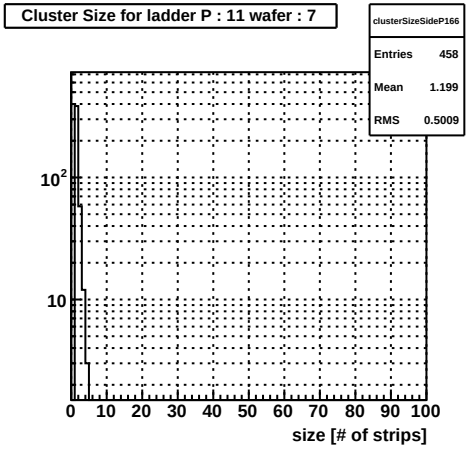

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 434
Mean 1.221
RMS 0.496
size [# of strips]

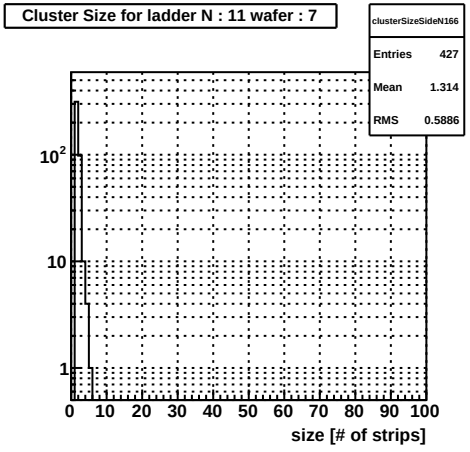

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 457
Mean 1.407
RMS 0.716
size [# of strips]

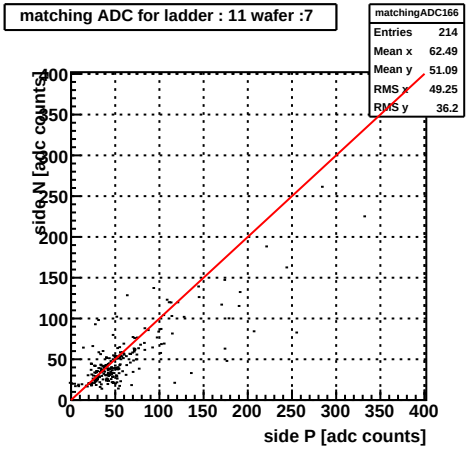

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 254
Mean x 85.13
Mean y 75.19
RMS x 65.1
RMS y 57.11
side N [adc counts]
side P [adc counts]

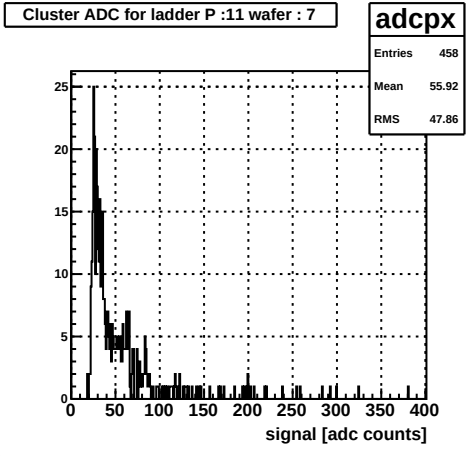

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 434
Mean 65.09
RMS 56.61
signal [adc counts]

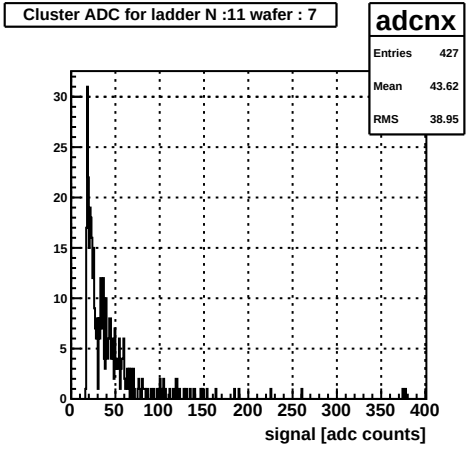

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 457
Mean 60.17
RMS 56.05
signal [adc counts]

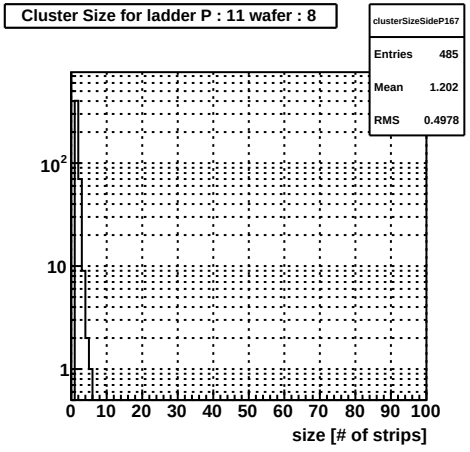

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 458
Mean 1.199
RMS 0.5009
size [# of strips]

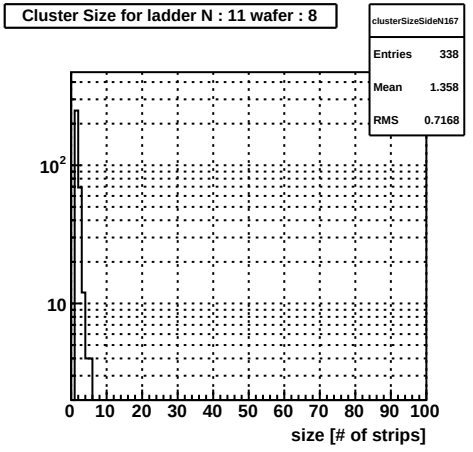

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 427
Mean 1.314
RMS 0.5886
size [# of strips]

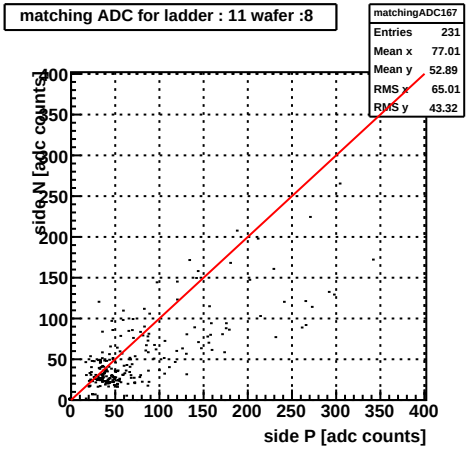

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 214
Mean x 62.49
Mean y 51.09
RMS x 49.25
RMS y 36.2
side N [adc counts]
side P [adc counts]

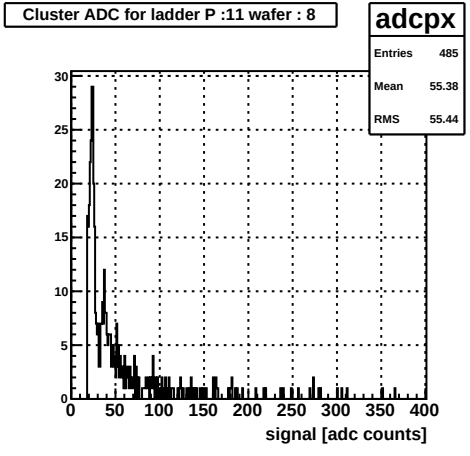

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 458
Mean 55.92
RMS 47.86
signal [adc counts]

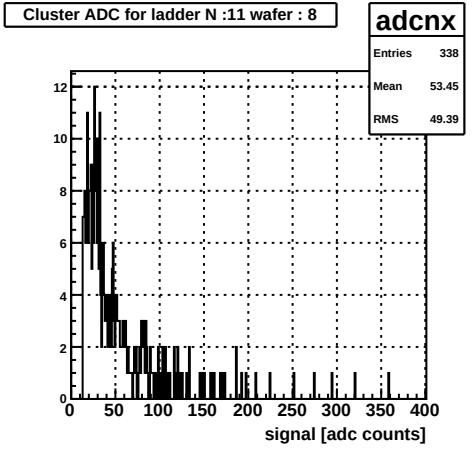

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 427
Mean 43.62
RMS 38.95
signal [adc counts]

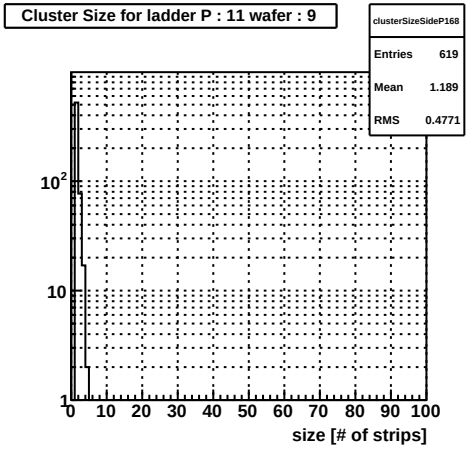

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 485
Mean 1.202
RMS 0.4978
size [# of strips]

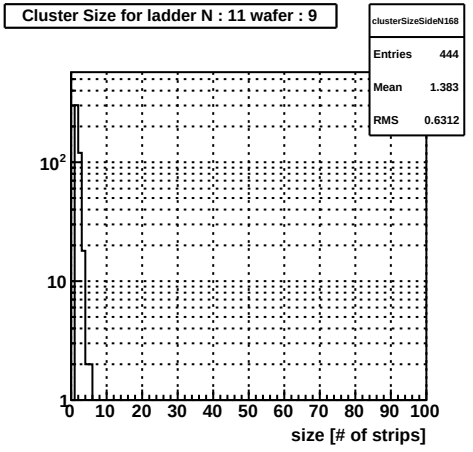

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 338
Mean 1.358
RMS 0.7168
size [# of strips]

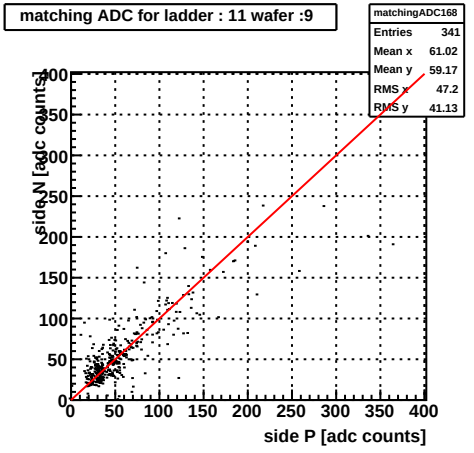

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 231
Mean x 77.01
Mean y 52.89
RMS x 65.01
RMS y 43.32
side N [adc counts]
side P [adc counts]

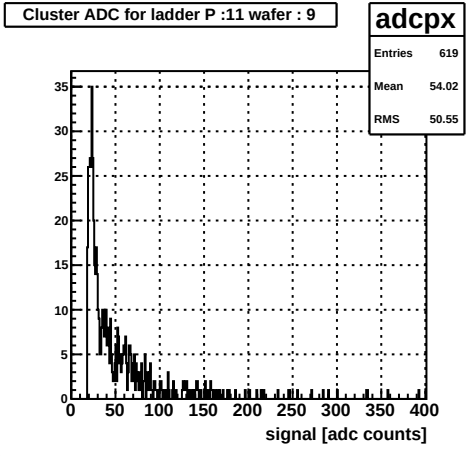

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 485
Mean 55.38
RMS 55.44
signal [adc counts]

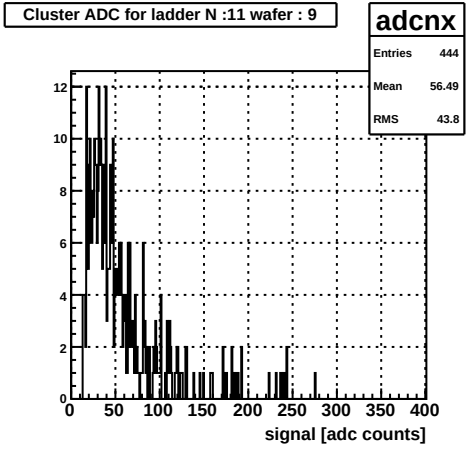

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 338
Mean 53.45
RMS 49.39
signal [adc counts]

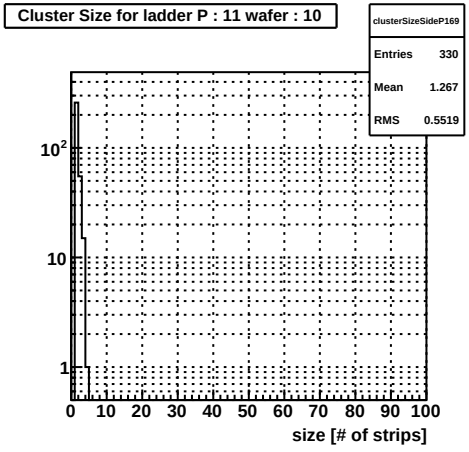

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 619
Mean 1.189
RMS 0.4771
size [# of strips]

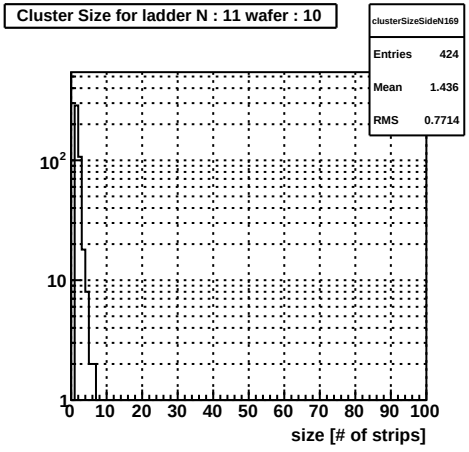

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 444
Mean 1.383
RMS 0.6312
size [# of strips]

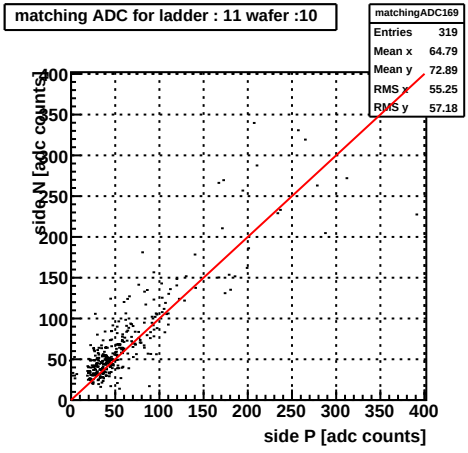

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 341
Mean x 61.02
Mean y 59.17
RMS x 47.2
RMS y 41.13
side N [adc counts]
side P [adc counts]

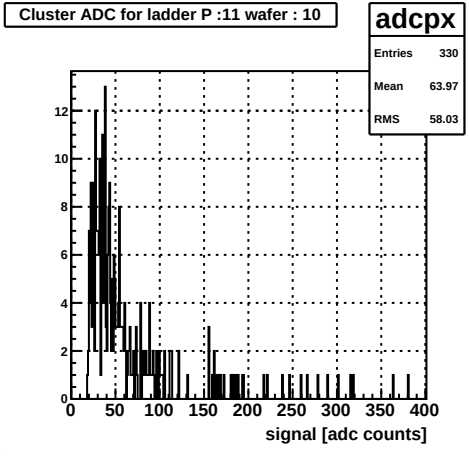

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 619
Mean 54.02
RMS 50.55
signal [adc counts]

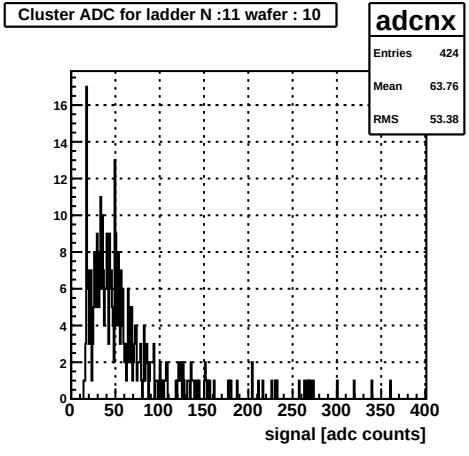

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 444
Mean 56.49
RMS 43.8
signal [adc counts]

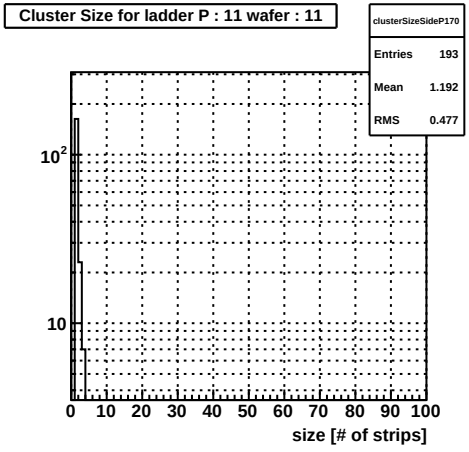

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 330
Mean 1.267
RMS 0.5519
size [# of strips]

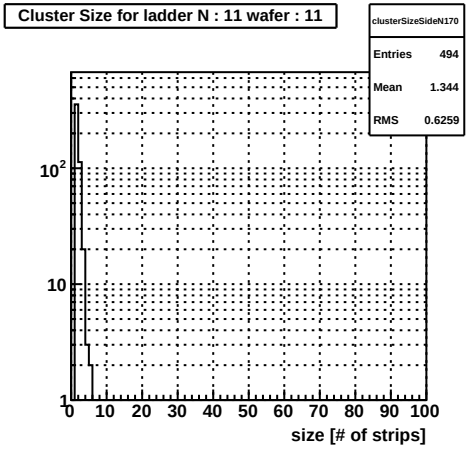

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 424
Mean 1.436
RMS 0.7714
size [# of strips]

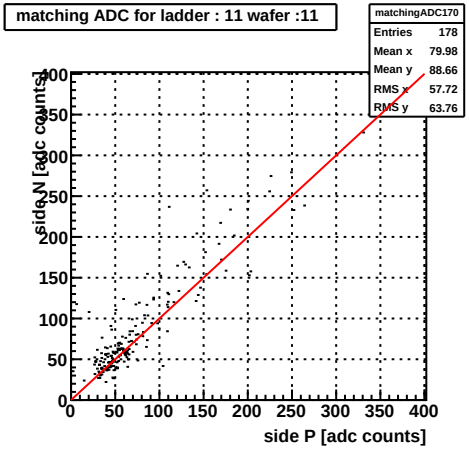

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 319
Mean x 64.79
Mean y 72.89
RMS x 55.25
RMS y 57.18
side N [adc counts]
side P [adc counts]

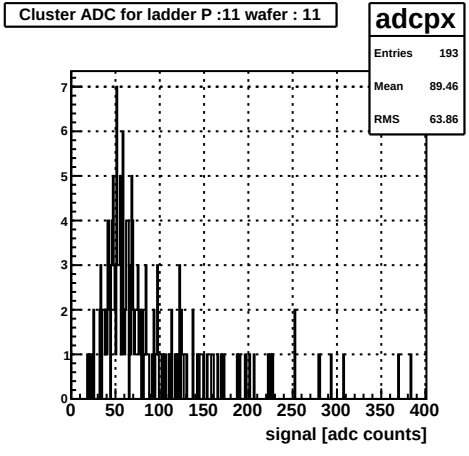

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 330
Mean 63.97
RMS 58.03
signal [adc counts]

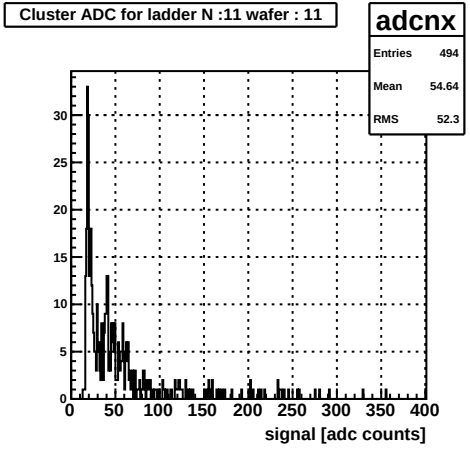

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 424
Mean 63.76
RMS 53.38
signal [adc counts]

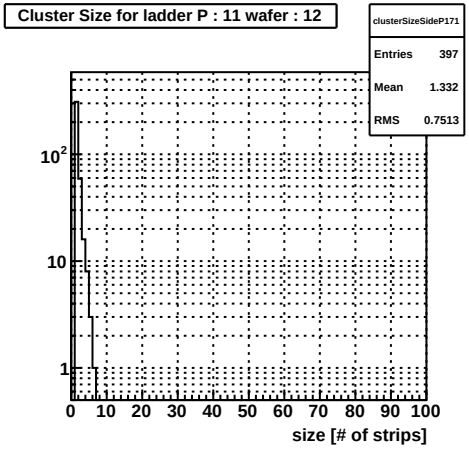

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 193
Mean 1.192
RMS 0.477
size [# of strips]

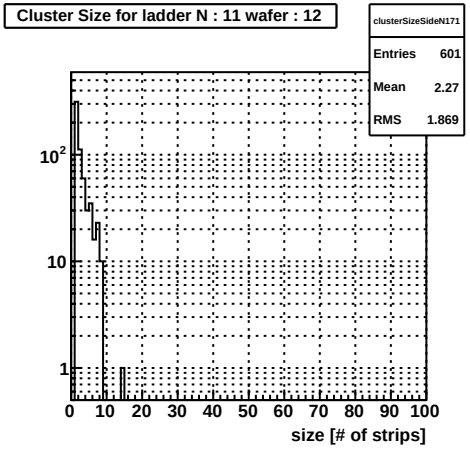

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 494
Mean 1.344
RMS 0.6259
size [# of strips]

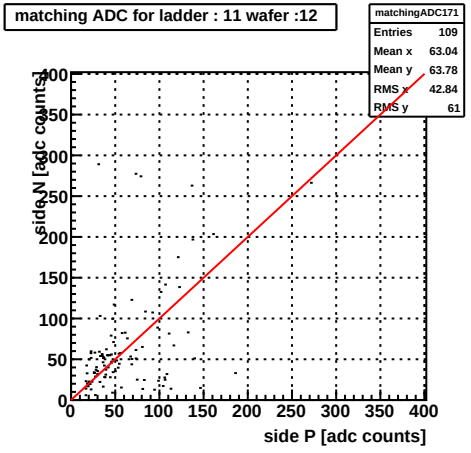

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 178
Mean x 79.98
Mean y 88.66
RMS x 57.72
RMS y 63.76
side N [adc counts]
side P [adc counts]

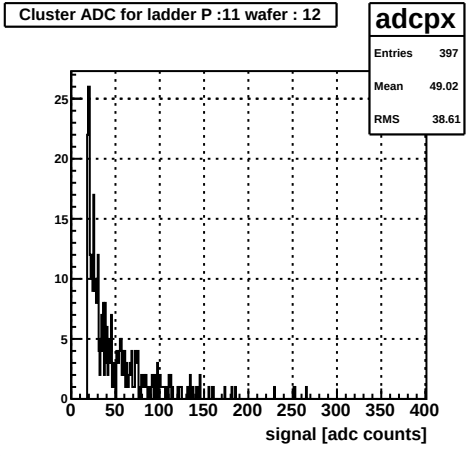

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 193
Mean 89.46
RMS 63.86
signal [adc counts]

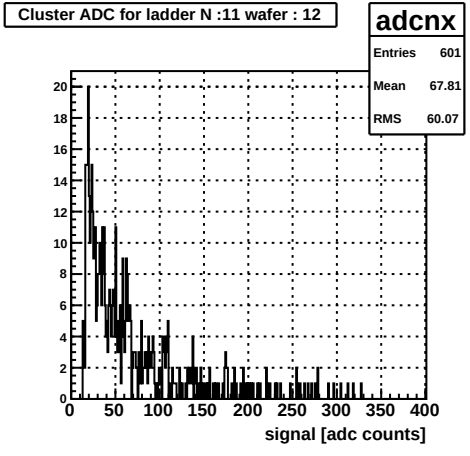

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 494
Mean 54.64
RMS 52.3
signal [adc counts]

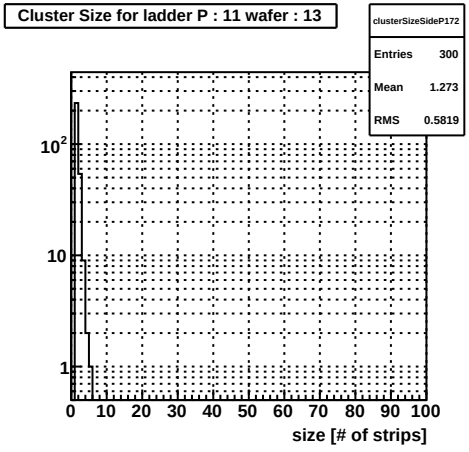

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 397
Mean 1.332
RMS 0.7513
size [# of strips]

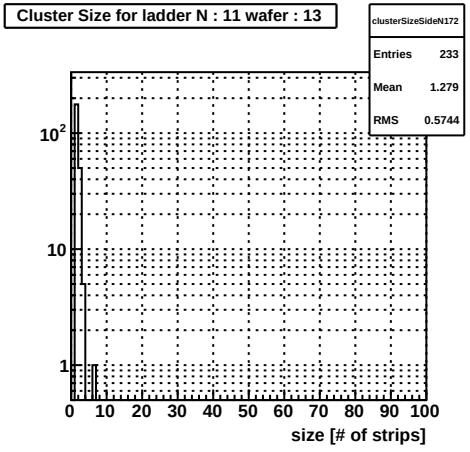

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 601
Mean 2.27
RMS 1.869
size [# of strips]

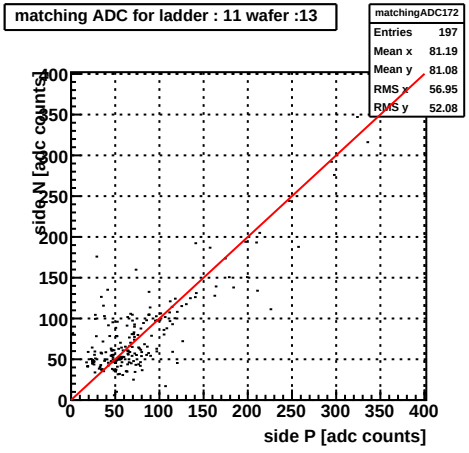

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 109
Mean x 63.04
Mean y 63.78
RMS x 42.84
RMS y 61
side N [adc counts]
side P [adc counts]

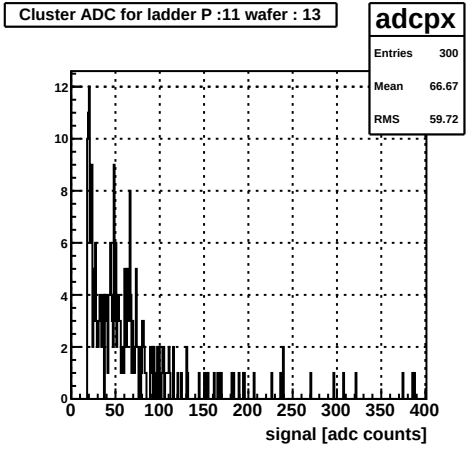

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 397
Mean 49.02
RMS 38.61
signal [adc counts]

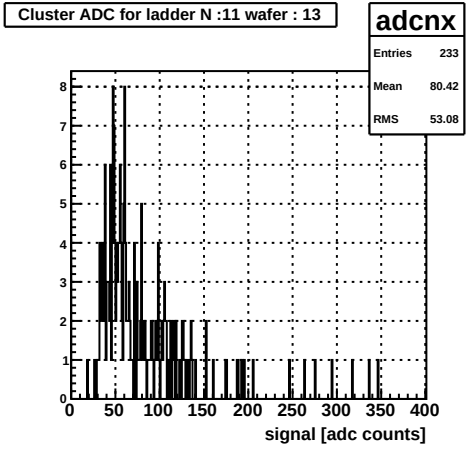

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 601
Mean 67.81
RMS 60.07
signal [adc counts]

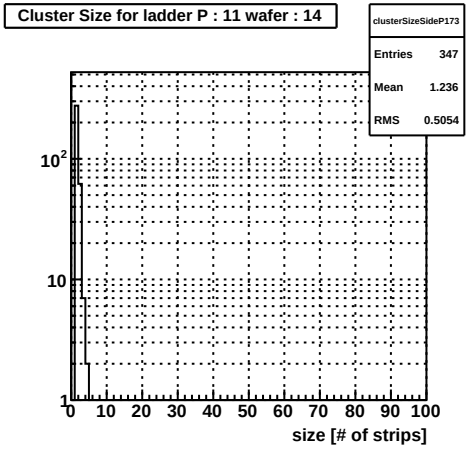

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 300
Mean 1.273
RMS 0.5819
size [# of strips]

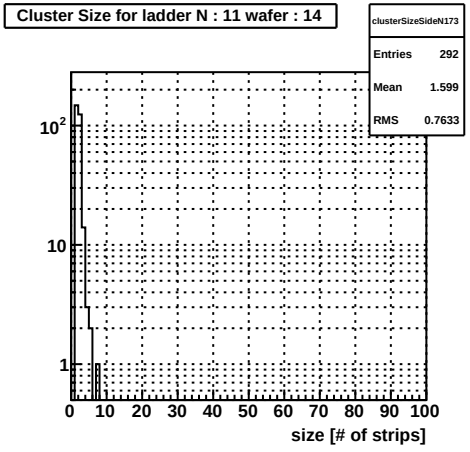

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 233
Mean 1.279
RMS 0.5744
size [# of strips]

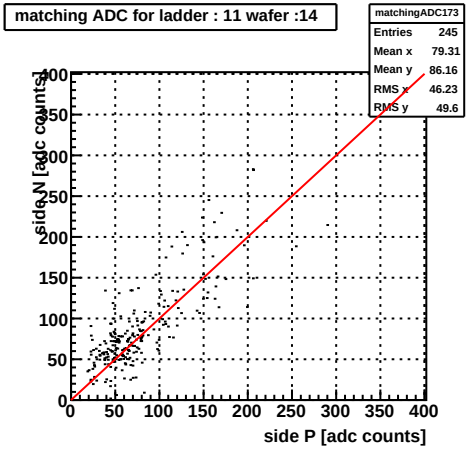

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 197
Mean x 81.19
Mean y 81.08
RMS x 56.95
RMS y 52.08
side N [adc counts]
side P [adc counts]

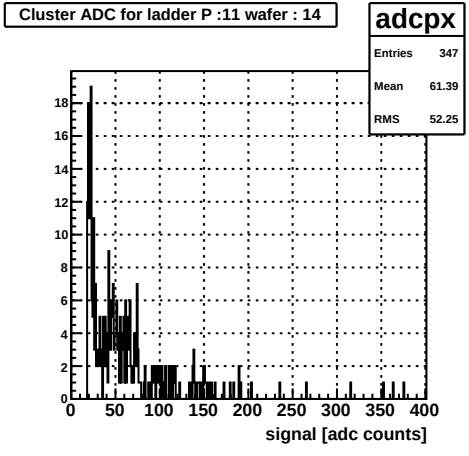

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 300
Mean 66.67
RMS 59.72
signal [adc counts]

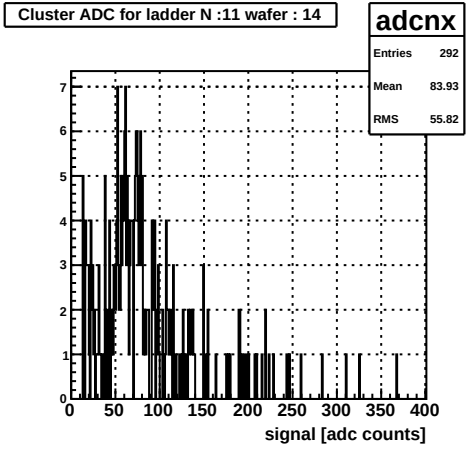

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 233
Mean 80.42
RMS 53.08
signal [adc counts]

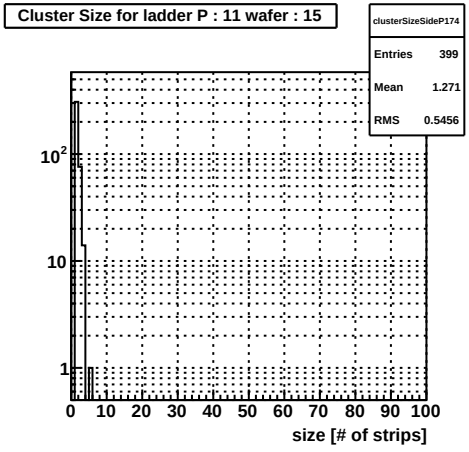

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 347
Mean 1.236
RMS 0.5054
size [# of strips]

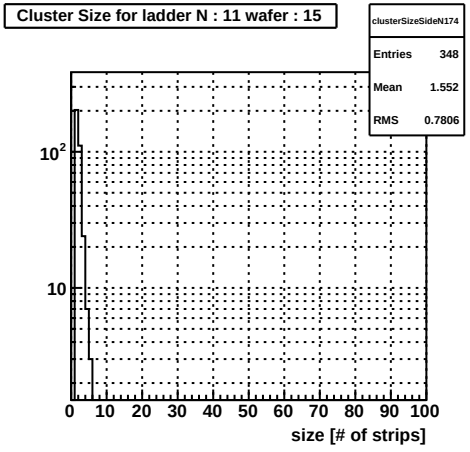

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 292
Mean 1.599
RMS 0.7633
size [# of strips]

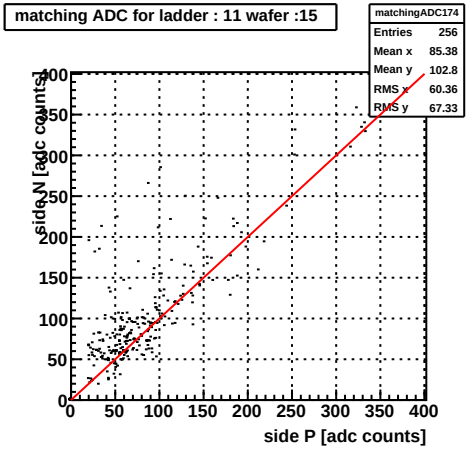

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 245
Mean x 79.31
Mean y 86.16
RMS x 46.23
RMS y 49.6
side N [adc counts]
side P [adc counts]

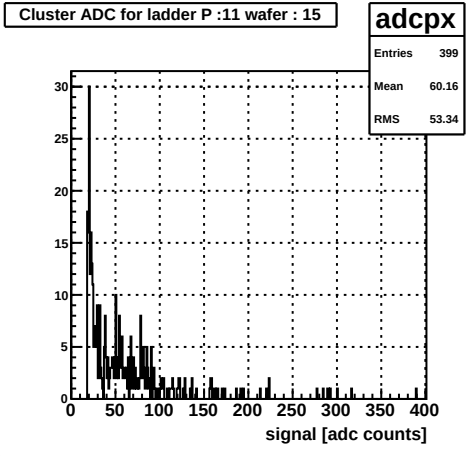

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 347
Mean 61.39
RMS 52.25
signal [adc counts]

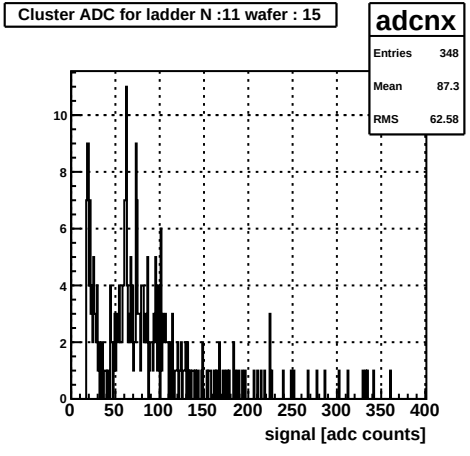

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 292
Mean 83.93
RMS 55.82
signal [adc counts]

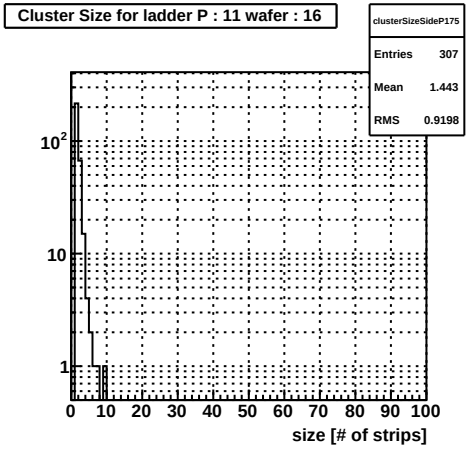

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 399
Mean 1.271
RMS 0.5456
size [# of strips]

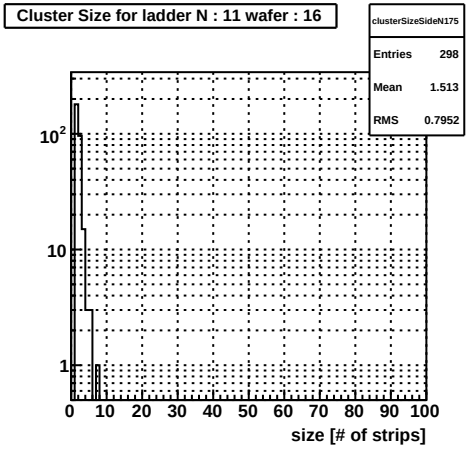

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 348
Mean 1.552
RMS 0.7806
size [# of strips]

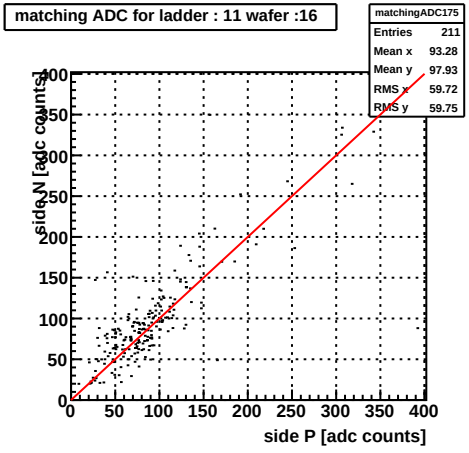

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 256
Mean x 85.38
Mean y 102.8
RMS x 60.36
RMS y 67.33
side N [adc counts]
side P [adc counts]

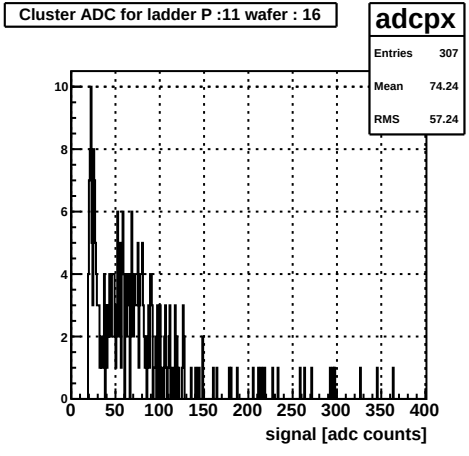

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 399
Mean 60.16
RMS 53.34
signal [adc counts]

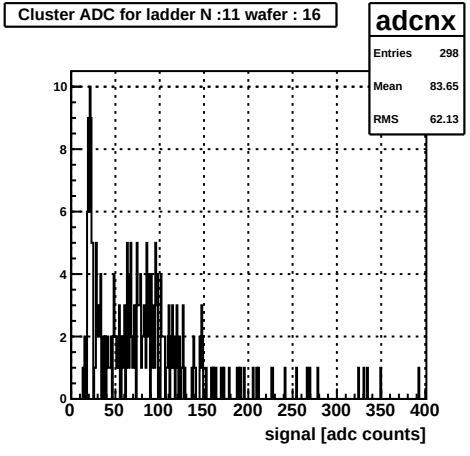

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 348
Mean 87.3
RMS 62.58
signal [adc counts]

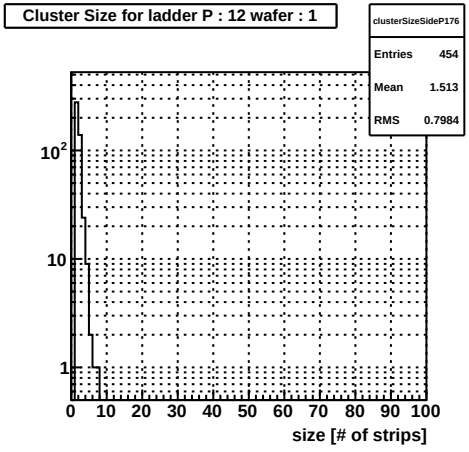

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 307
Mean 1.443
RMS 0.9198
size [# of strips]

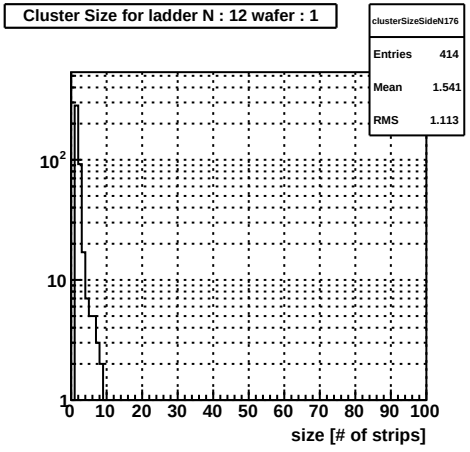

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 298
Mean 1.513
RMS 0.7952
size [# of strips]

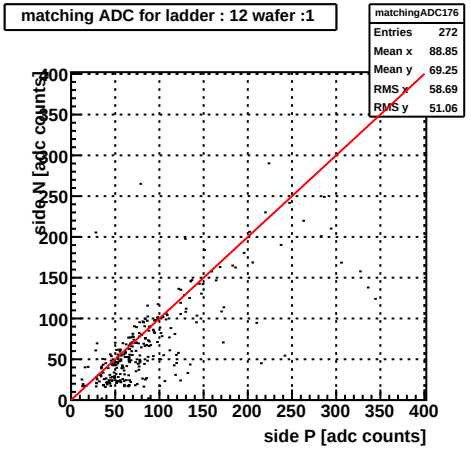

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 211
Mean x 93.28
Mean y 97.93
RMS x 59.72
RMS y 59.75
side N [adc counts]
side P [adc counts]

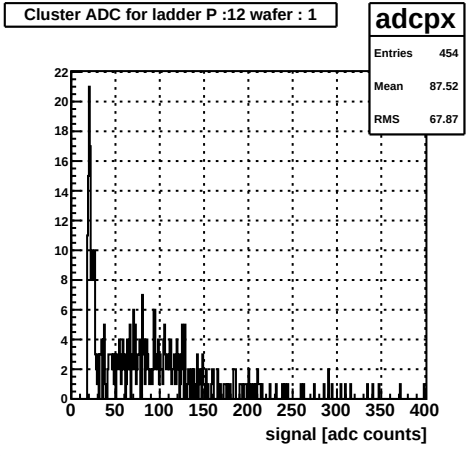

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 307
Mean 74.24
RMS 57.24
signal [adc counts]

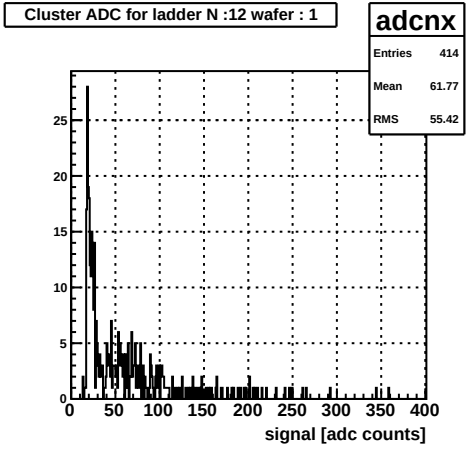

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 298
Mean 83.65
RMS 62.13
signal [adc counts]

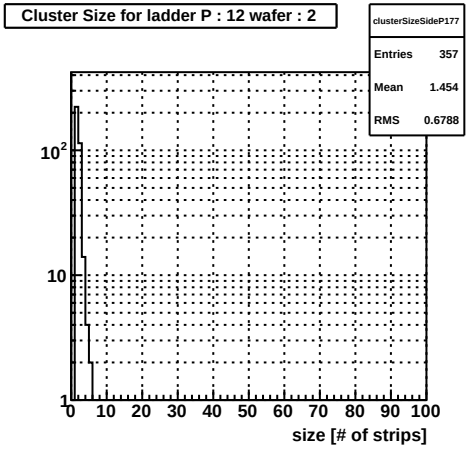

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 454
Mean 1.513
RMS 0.7984
size [# of strips]

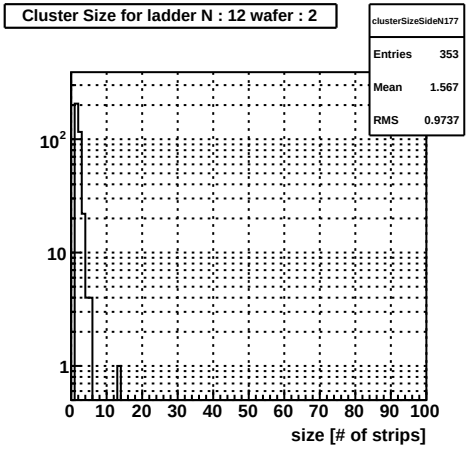

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 414
Mean 1.541
RMS 1.113
size [# of strips]

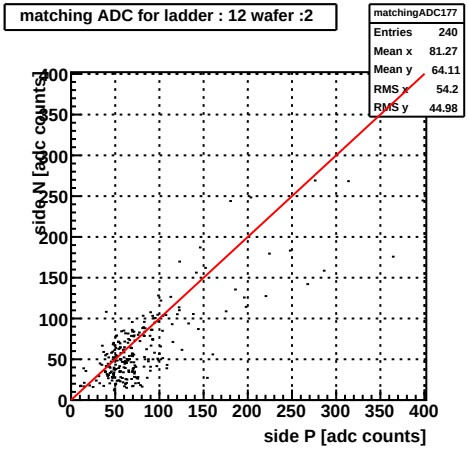

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 272
Mean x 88.85
Mean y 69.25
RMS x 58.69
RMS y 51.06
side N [adc counts]
side P [adc counts]

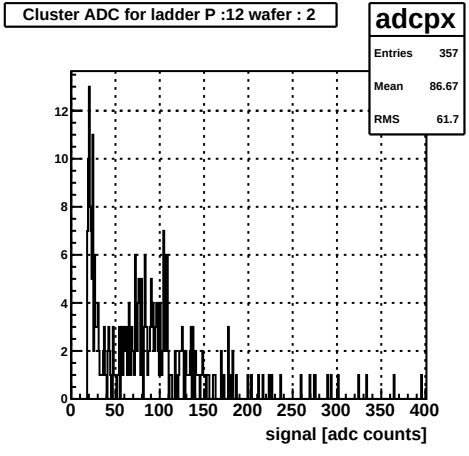

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 454
Mean 87.52
RMS 67.87
signal [adc counts]

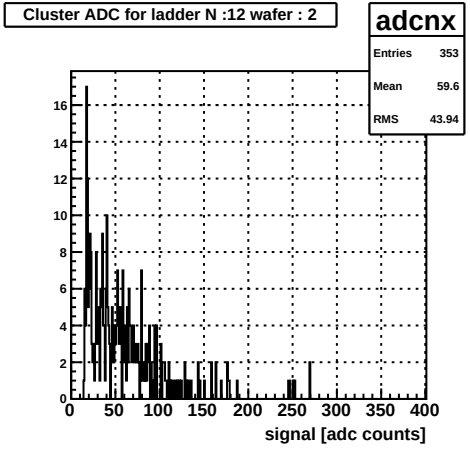

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 414
Mean 61.77
RMS 55.42
signal [adc counts]

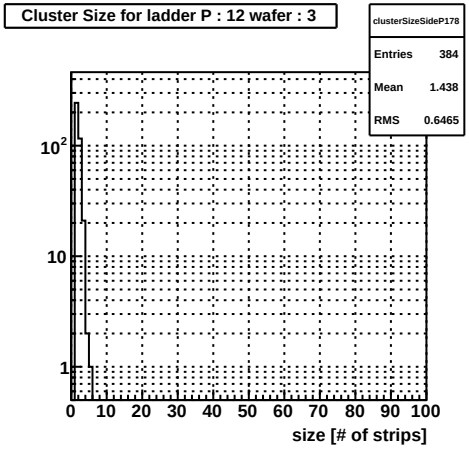

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 357
Mean 1.454
RMS 0.6788
size [# of strips]

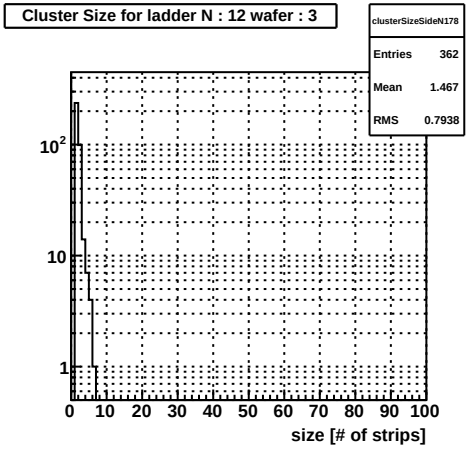

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 353
Mean 1.567
RMS 0.9737
size [# of strips]

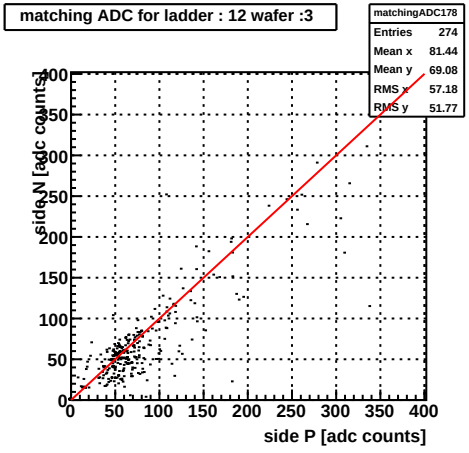

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 240
Mean x 81.27
Mean y 64.11
RMS x 54.2
RMS y 44.98
side N [adc counts]
side P [adc counts]

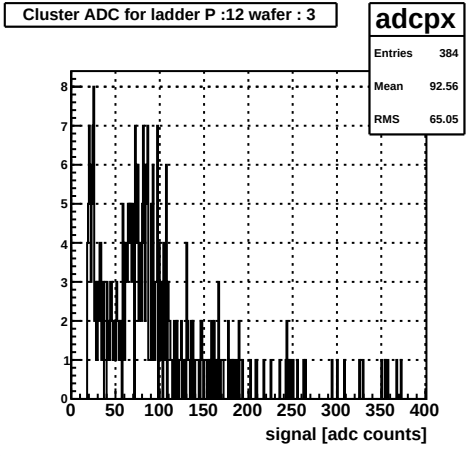

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 357
Mean 86.67
RMS 61.7
signal [adc counts]

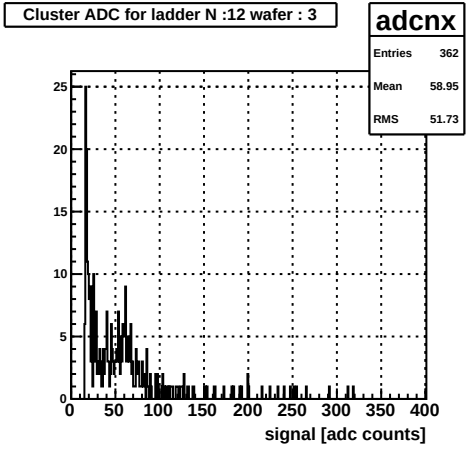

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 353
Mean 59.6
RMS 43.94
signal [adc counts]

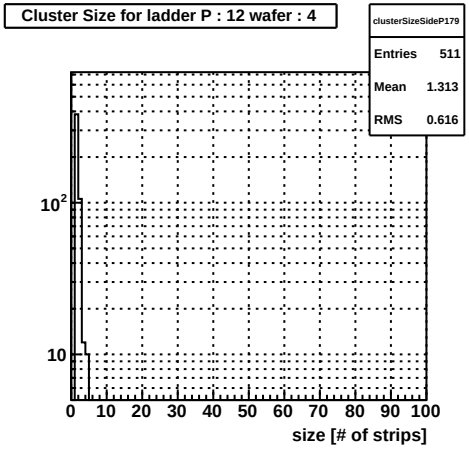

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 384
Mean 1.438
RMS 0.6465
size [# of strips]

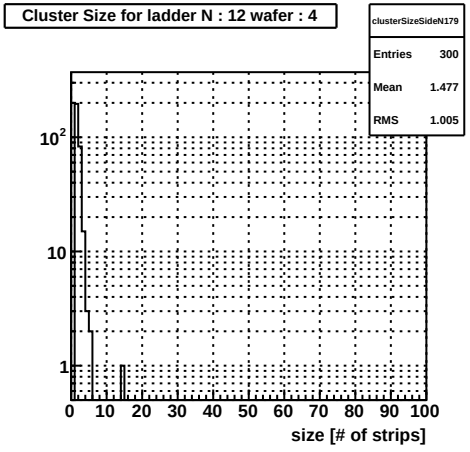

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 362
Mean 1.467
RMS 0.7938
size [# of strips]

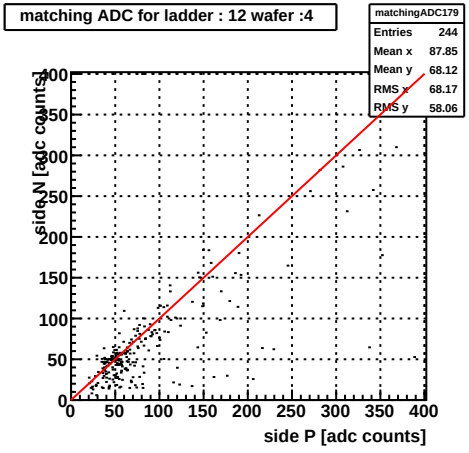

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 274
Mean x 81.44
Mean y 69.08
RMS x 57.18
RMS y 51.77
side N [adc counts]
side P [adc counts]

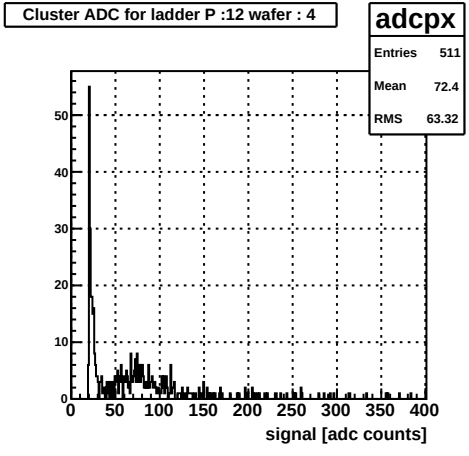

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 384
Mean 92.56
RMS 65.05
signal [adc counts]

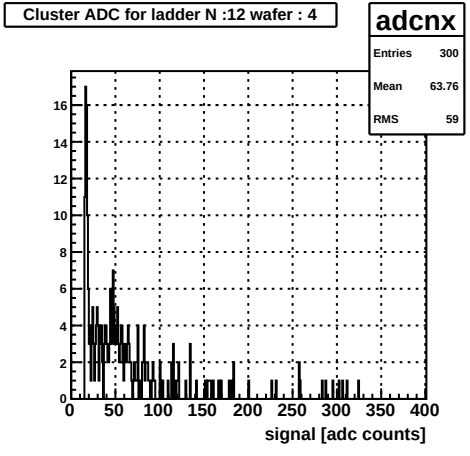

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 362
Mean 58.95
RMS 51.73
signal [adc counts]

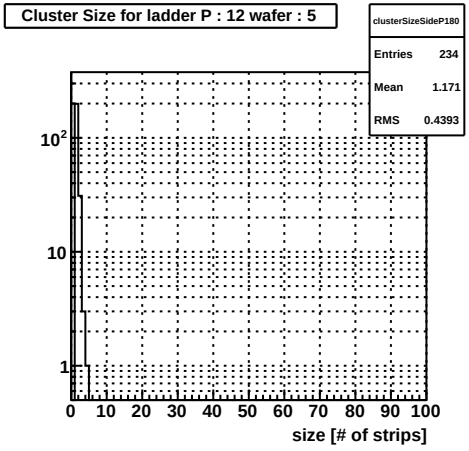

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 511
Mean 1.313
RMS 0.616
size [# of strips]

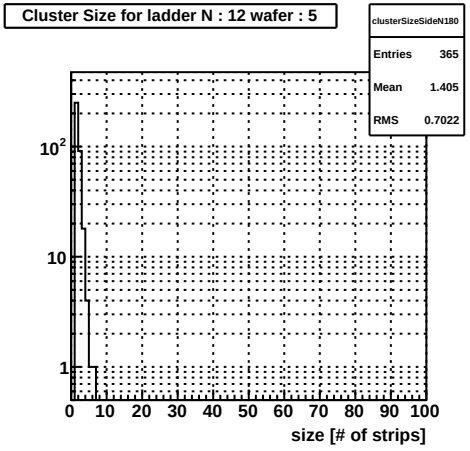

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 300
Mean 1.477
RMS 1.005
size [# of strips]

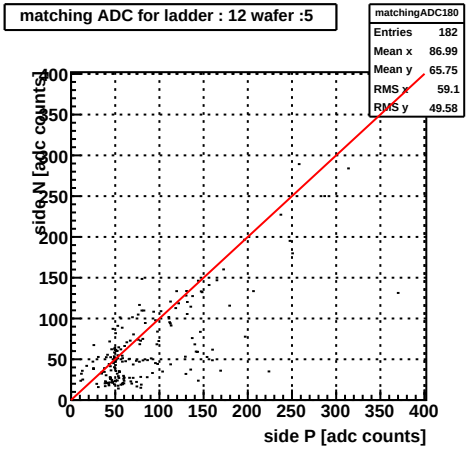

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 244
Mean x 87.85
Mean y 68.12
RMS x 68.17
RMS y 58.06
side N [adc counts]
side P [adc counts]

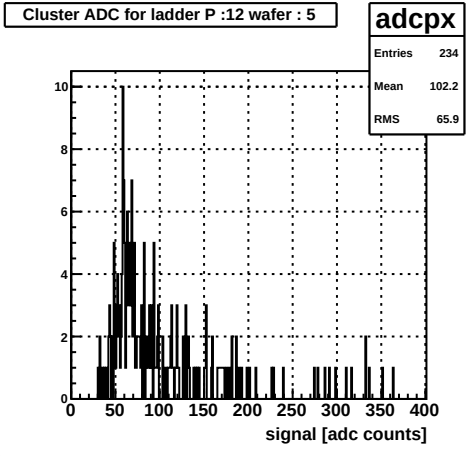

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 511
Mean 72.4
RMS 63.32
signal [adc counts]

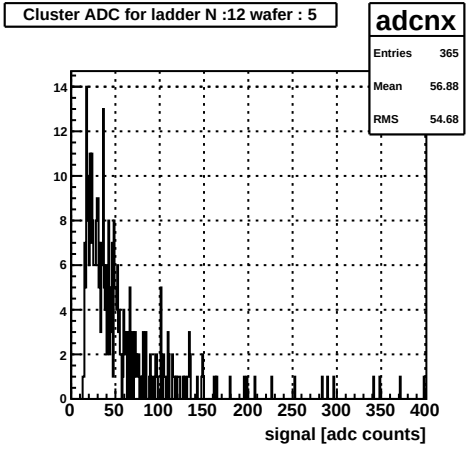

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 300
Mean 63.76
RMS 59
signal [adc counts]

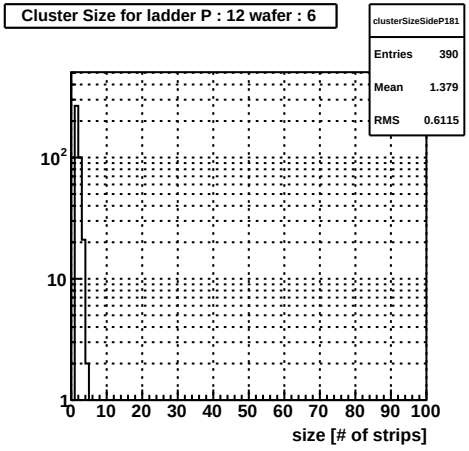

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 234
Mean 1.171
RMS 0.4393
size [# of strips]

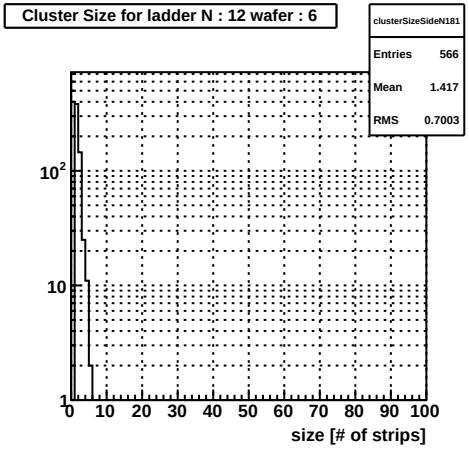

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 365
Mean 1.405
RMS 0.7022
size [# of strips]

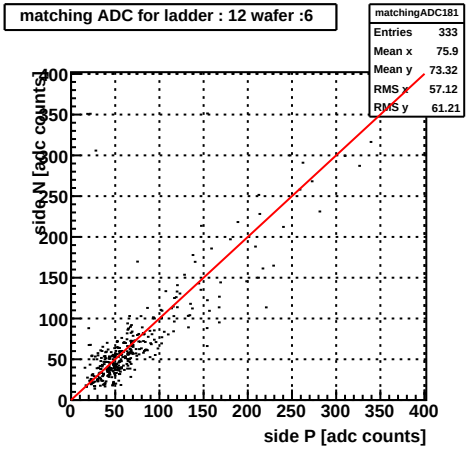

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 182
Mean x 86.99
Mean y 65.75
RMS x 59.1
RMS y 49.58
side N [adc counts]
side P [adc counts]

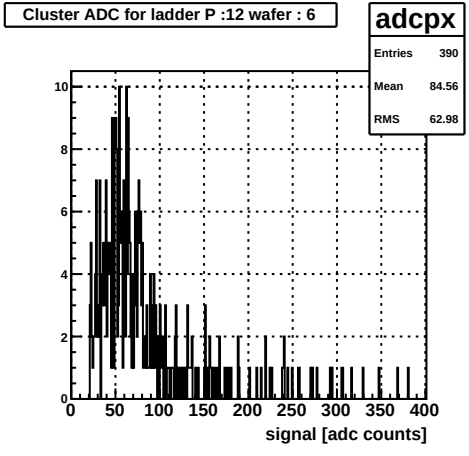

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 234
Mean 102.2
RMS 65.9
signal [adc counts]

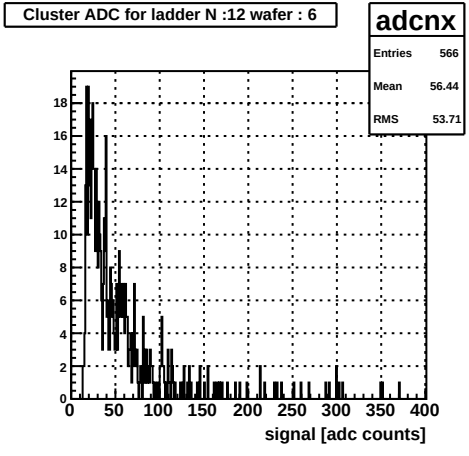

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 365
Mean 56.88
RMS 54.68
signal [adc counts]

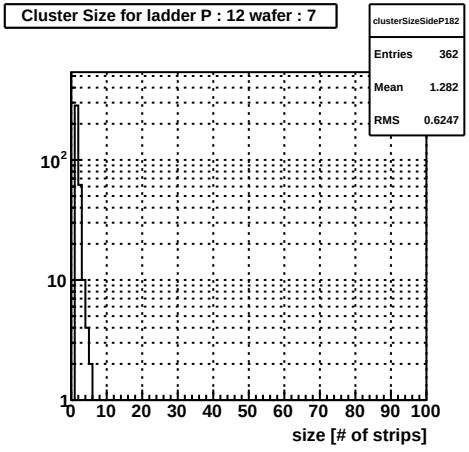

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 390
Mean 1.379
RMS 0.6115
size [# of strips]

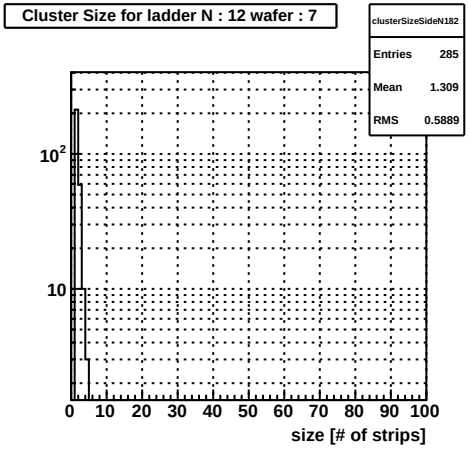

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 566
Mean 1.417
RMS 0.7003
size [# of strips]

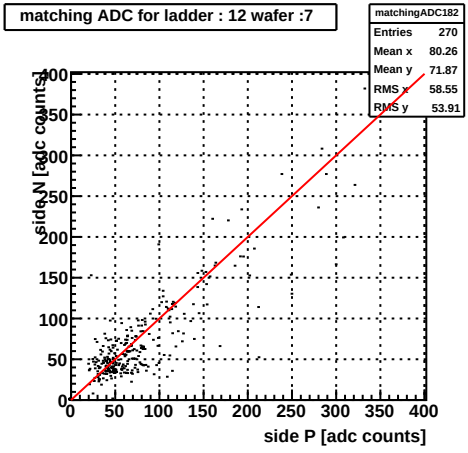

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 333
Mean x 75.9
Mean y 73.32
RMS x 57.12
RMS y 61.21
side N [adc counts]
side P [adc counts]

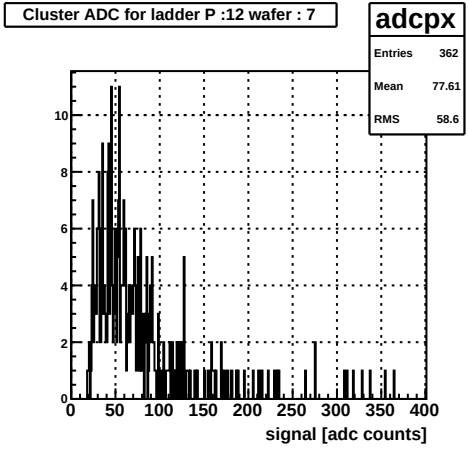

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 390
Mean 84.56
RMS 62.98
signal [adc counts]

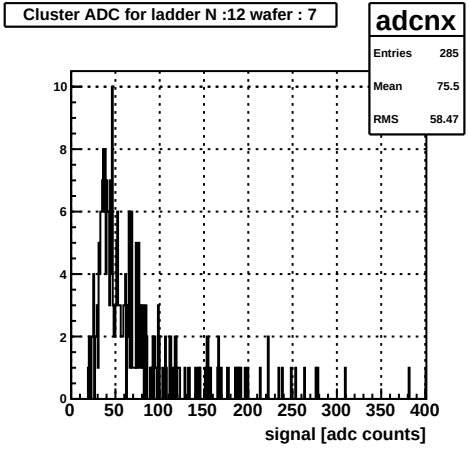

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 566
Mean 56.44
RMS 53.71
signal [adc counts]

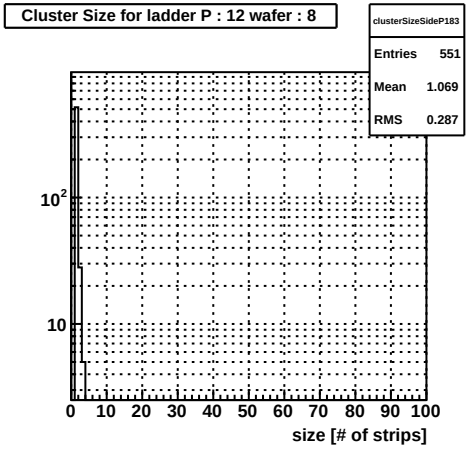

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 362
Mean 1.282
RMS 0.6247
size [# of strips]

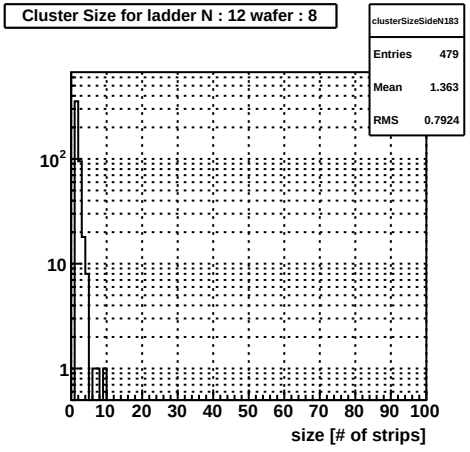

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 285
Mean 1.309
RMS 0.5889
size [# of strips]

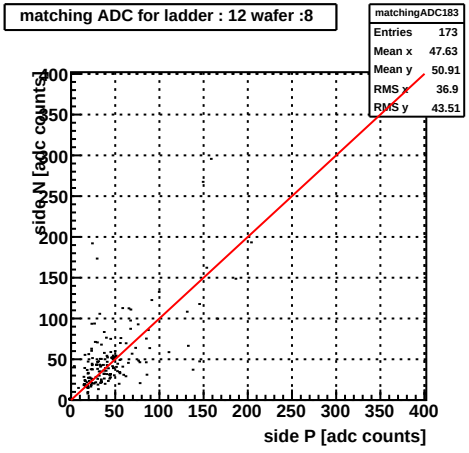

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 270
Mean x 80.26
Mean y 71.87
RMS x 58.55
RMS y 53.91
side N [adc counts]
side P [adc counts]

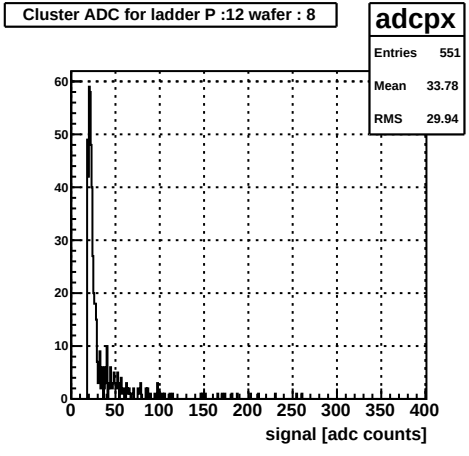

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 362
Mean 77.61
RMS 58.6
signal [adc counts]

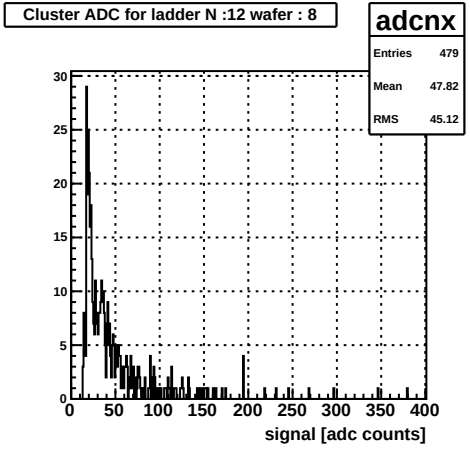

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 285
Mean 75.5
RMS 58.47
signal [adc counts]

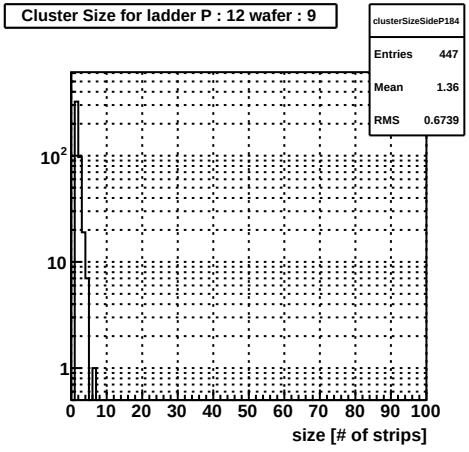

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 551
Mean 1.069
RMS 0.287
size [# of strips]

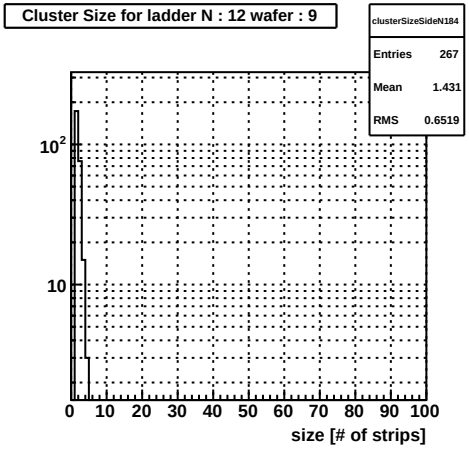

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 479
Mean 1.363
RMS 0.7924
size [# of strips]

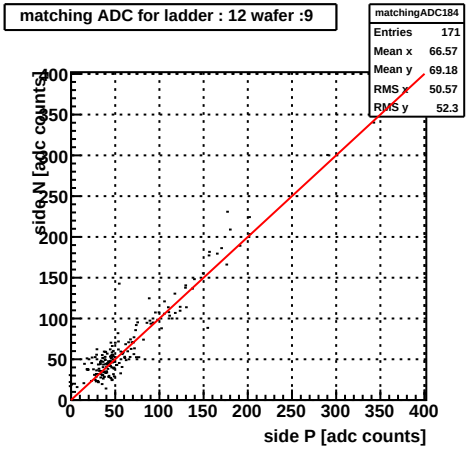

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 173
Mean x 47.63
Mean y 50.91
RMS x 36.9
RMS y 43.51
side N [adc counts]
side P [adc counts]

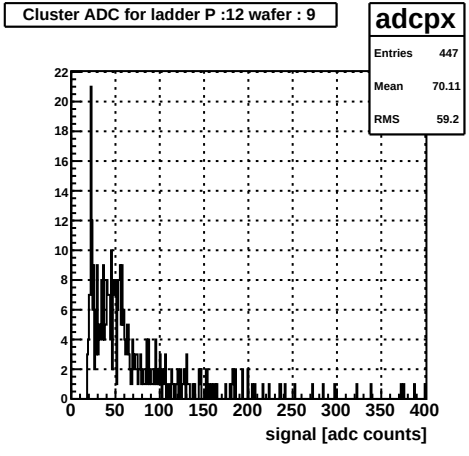

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 551
Mean 33.78
RMS 29.94
signal [adc counts]

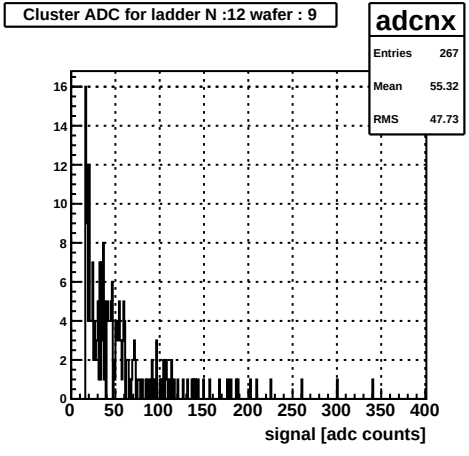

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 479
Mean 47.82
RMS 45.12
signal [adc counts]

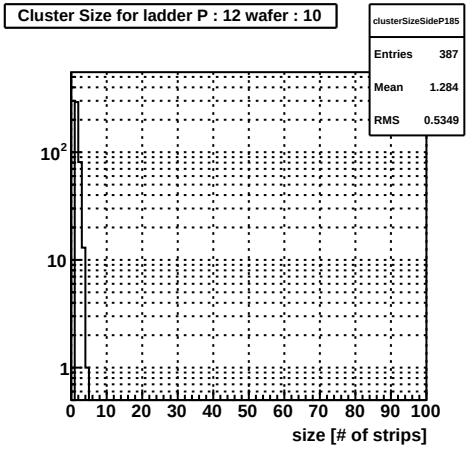

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 447
Mean 1.36
RMS 0.6739
size [# of strips]

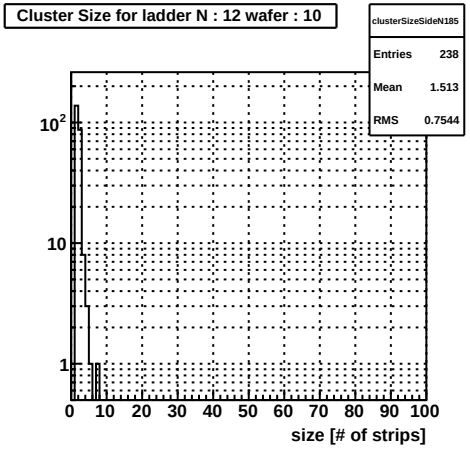

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 267
Mean 1.431
RMS 0.6519
size [# of strips]

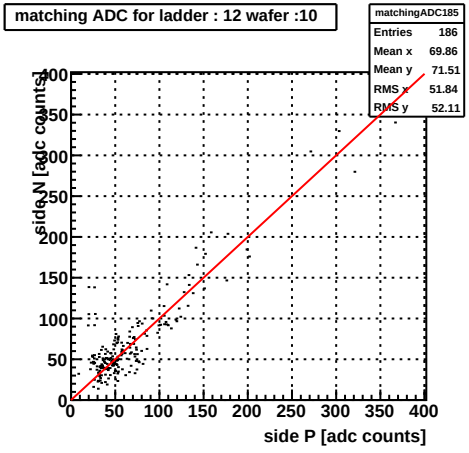

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 171
Mean x 66.57
Mean y 69.18
RMS x 50.57
RMS y 52.3
side N [adc counts]
side P [adc counts]

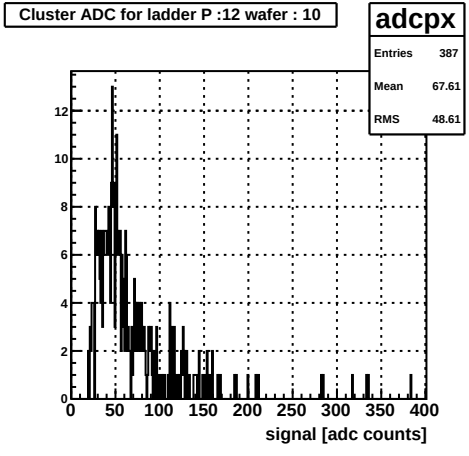

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 447
Mean 70.11
RMS 59.2
signal [adc counts]

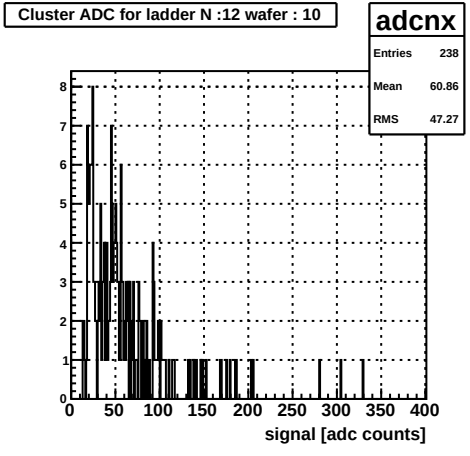

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 267
Mean 55.32
RMS 47.73
signal [adc counts]

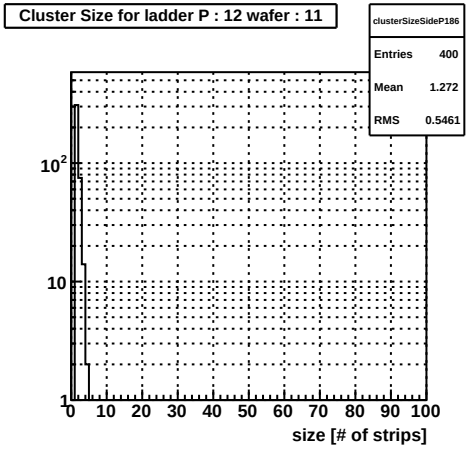

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 387
Mean 1.284
RMS 0.5349
size [# of strips]

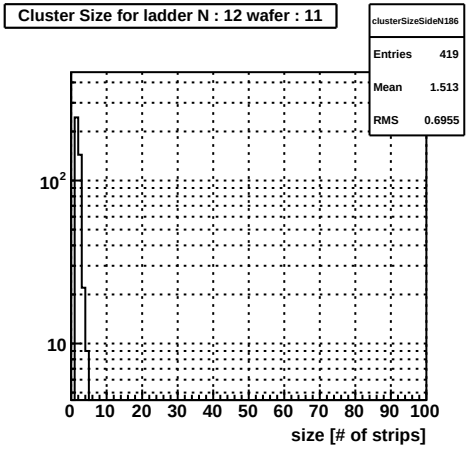

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 238
Mean 1.513
RMS 0.7544
size [# of strips]

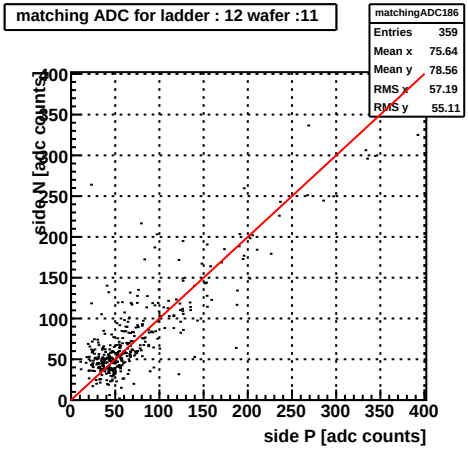

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 186
Mean x 69.86
Mean y 71.51
RMS x 51.84
RMS y 52.11
side N [adc counts]
side P [adc counts]

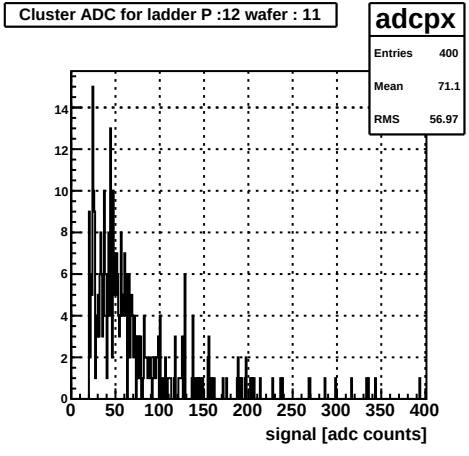

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 387
Mean 67.61
RMS 48.61
signal [adc counts]

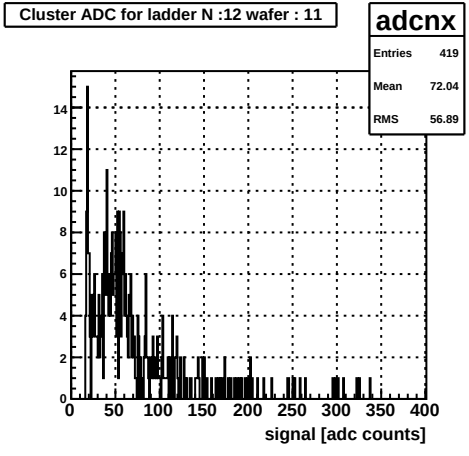

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 238
Mean 60.86
RMS 47.27
signal [adc counts]

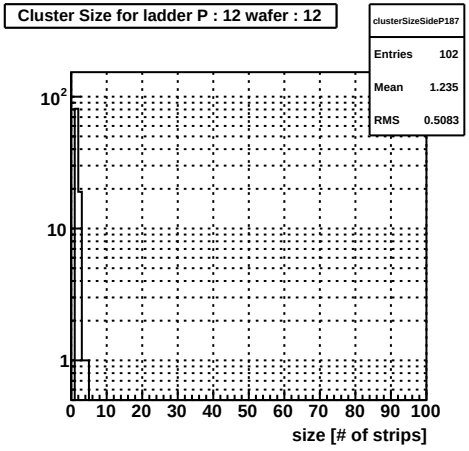

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 400
Mean 1.272
RMS 0.5461
size [# of strips]

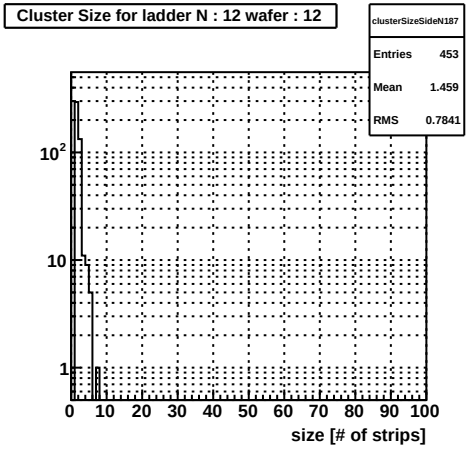

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 419
Mean 1.513
RMS 0.6955
size [# of strips]

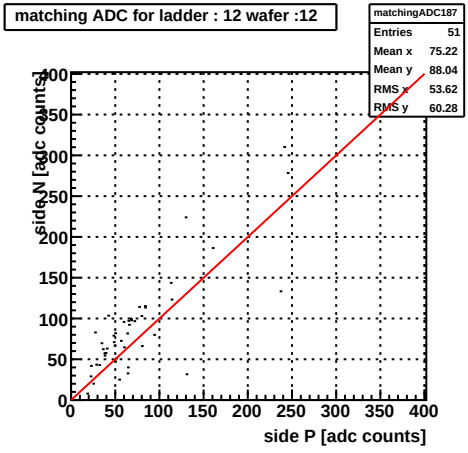

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 359
Mean x 75.64
Mean y 78.56
RMS x 57.19
RMS y 55.11
side N [adc counts]
side P [adc counts]

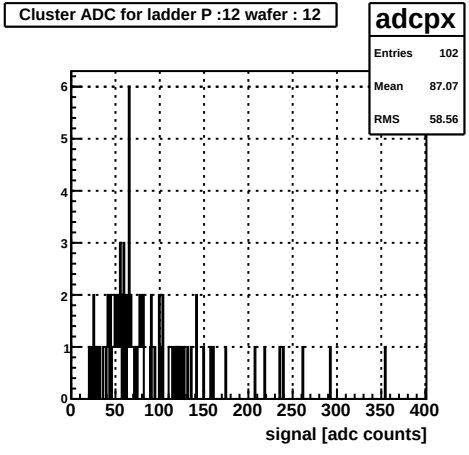

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 400
Mean 71.1
RMS 56.97
signal [adc counts]

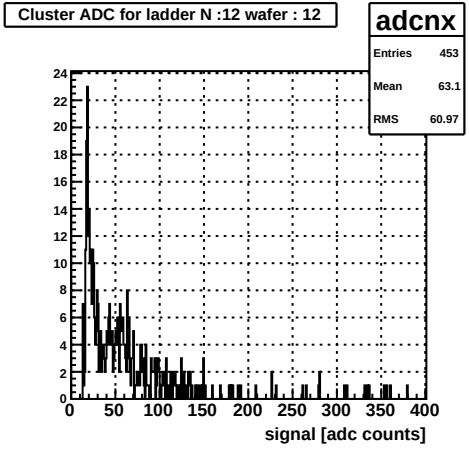

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 419
Mean 72.04
RMS 56.89
signal [adc counts]

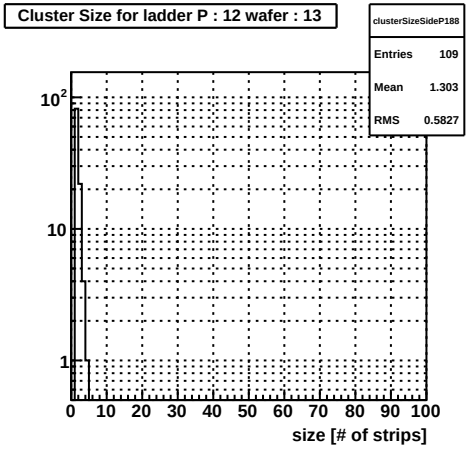

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 102
Mean 1.235
RMS 0.5083
size [# of strips]

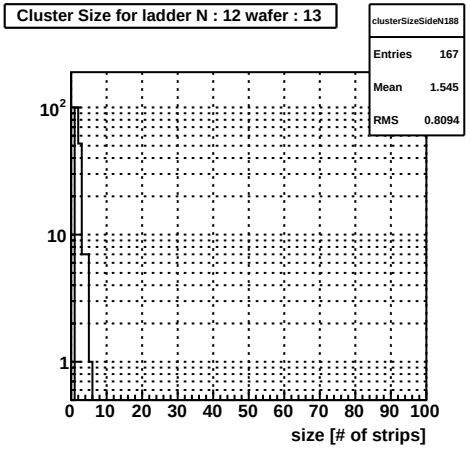

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 453
Mean 1.459
RMS 0.7841
size [# of strips]

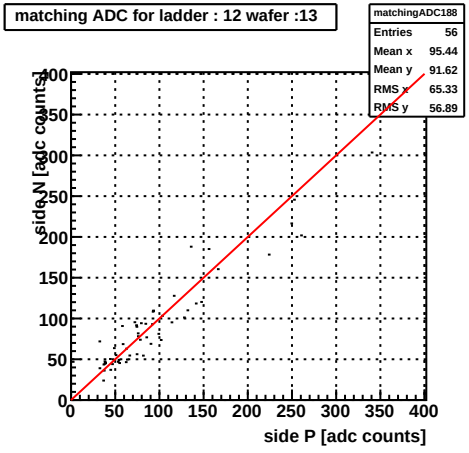

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 51
Mean x 75.22
Mean y 88.04
RMS x 53.62
RMS y 60.28
side N [adc counts]
side P [adc counts]

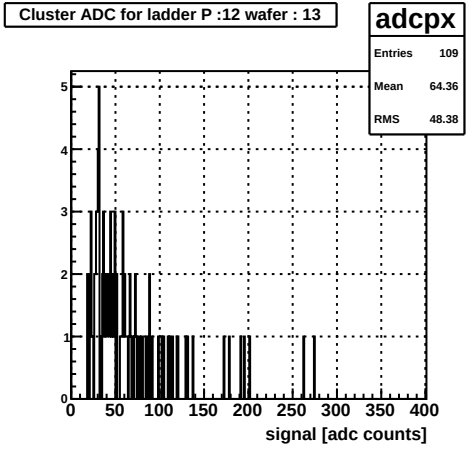

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 102
Mean 87.07
RMS 58.56
signal [adc counts]

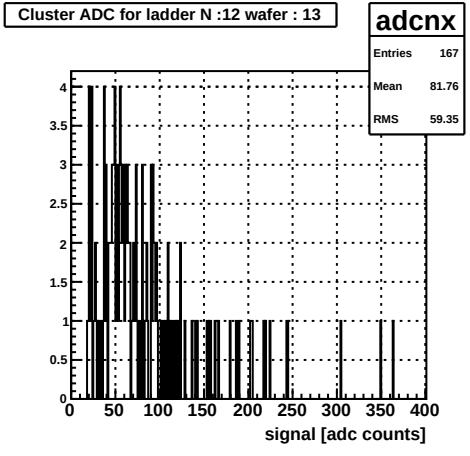

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 453
Mean 63.1
RMS 60.97
signal [adc counts]

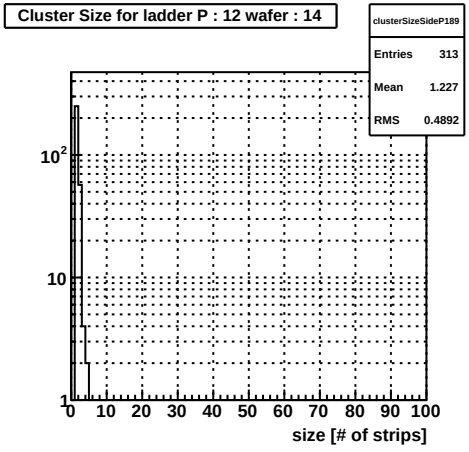

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 109
Mean 1.303
RMS 0.5827
size [# of strips]

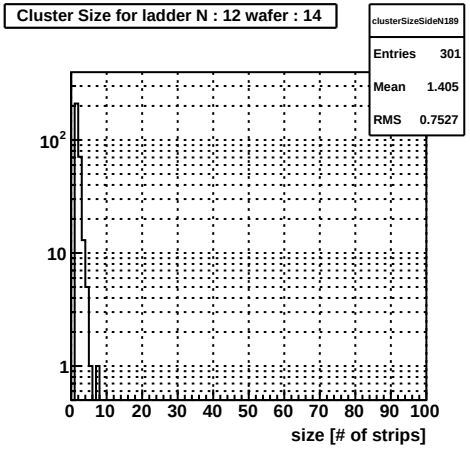

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 167
Mean 1.545
RMS 0.8094
size [# of strips]

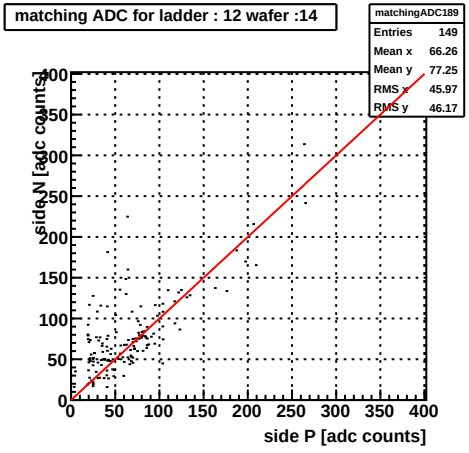

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 56
Mean x 95.44
Mean y 91.62
RMS x 65.33
RMS y 56.89
side N [adc counts]
side P [adc counts]

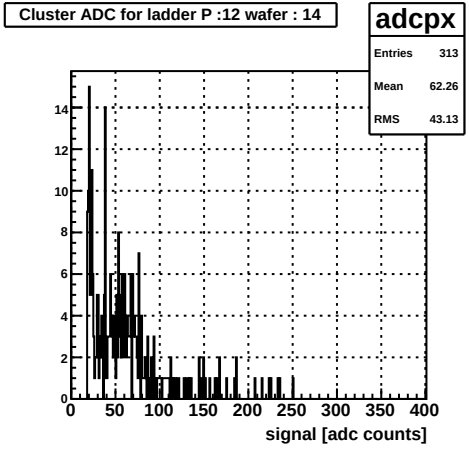

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 109
Mean 64.36
RMS 48.38
signal [adc counts]

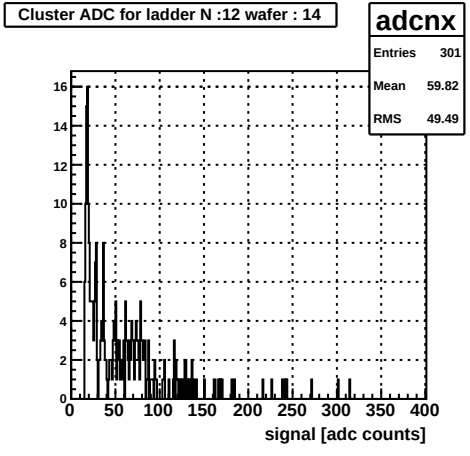

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 167
Mean 81.76
RMS 59.35
signal [adc counts]

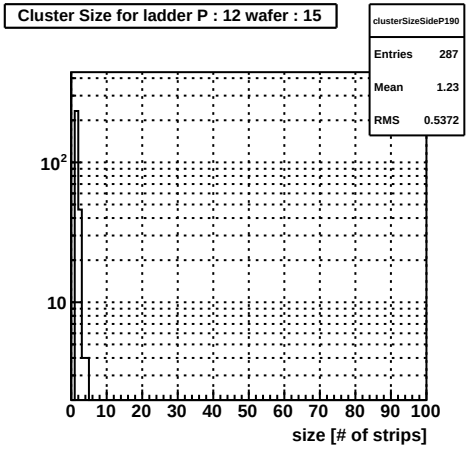

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 313
Mean 1.227
RMS 0.4892
size [# of strips]

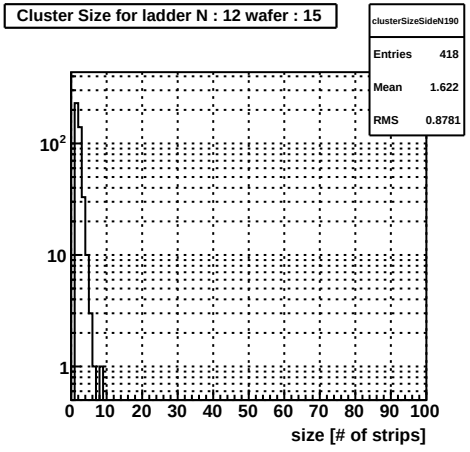

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 301
Mean 1.405
RMS 0.7527
size [# of strips]

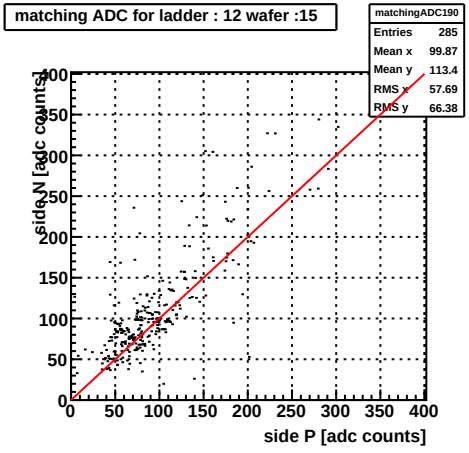

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 149
Mean x 66.26
Mean y 77.25
RMS x 45.97
RMS y 46.17
side N [adc counts]
side P [adc counts]

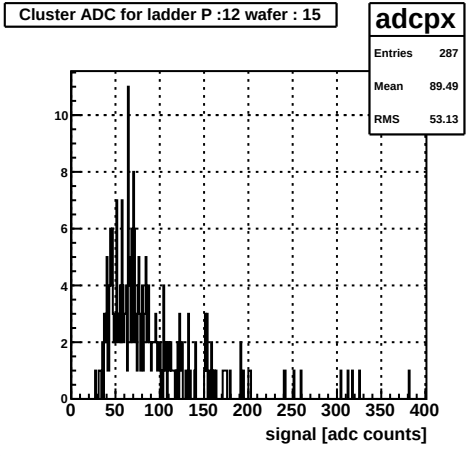

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 313
Mean 62.26
RMS 43.13
signal [adc counts]

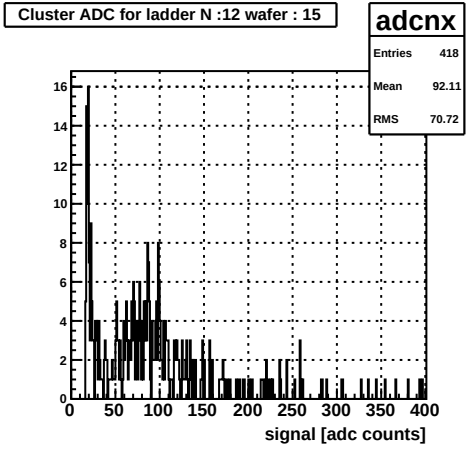

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 301
Mean 59.82
RMS 49.49
signal [adc counts]

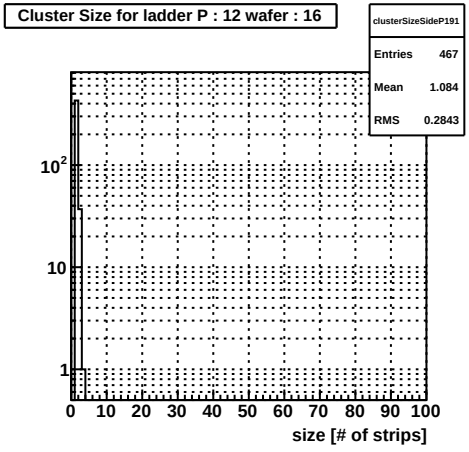

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 287
Mean 1.23
RMS 0.5372
size [# of strips]

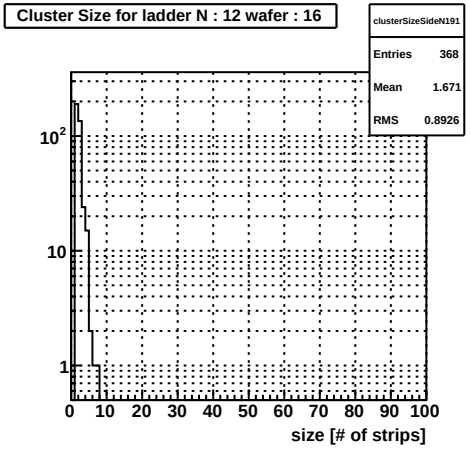

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 418
Mean 1.622
RMS 0.8781
size [# of strips]

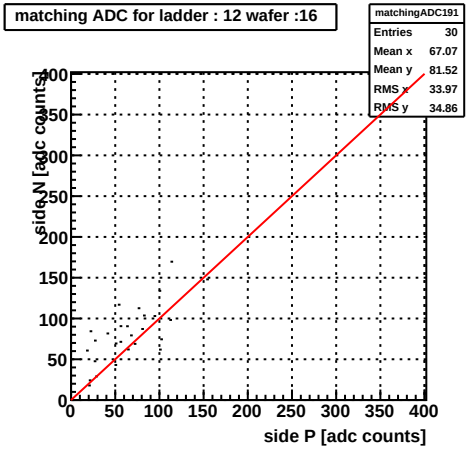

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 285
Mean x 99.87
Mean y 113.4
RMS x 57.69
RMS y 66.38
side N [adc counts]
side P [adc counts]

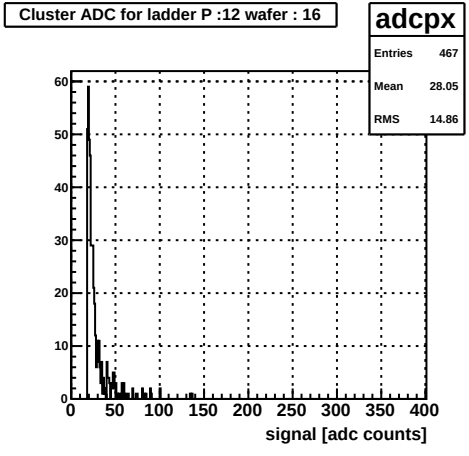

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 287
Mean 89.49
RMS 53.13
signal [adc counts]

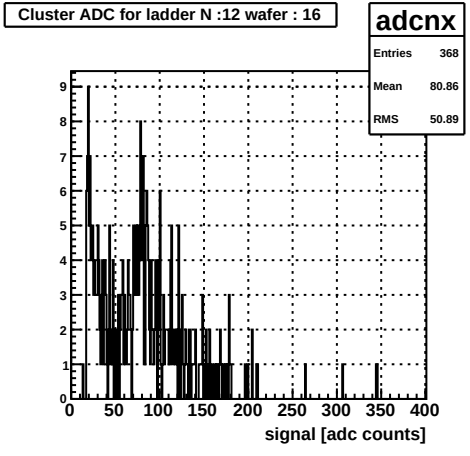

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 418
Mean 92.11
RMS 70.72
signal [adc counts]

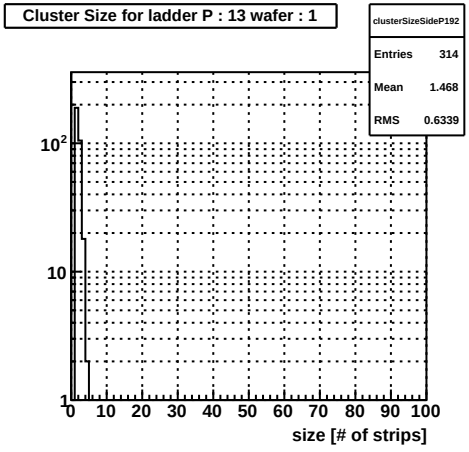

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 467
Mean 1.084
RMS 0.2843
size [# of strips]

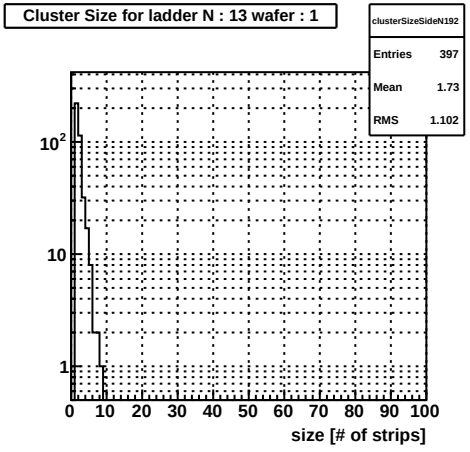

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 368
Mean 1.671
RMS 0.8926
size [# of strips]

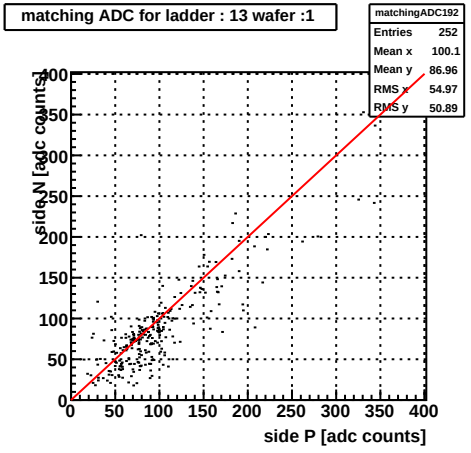

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 30
Mean x 67.07
Mean y 81.52
RMS x 33.97
RMS y 34.86
side N [adc counts]
side P [adc counts]

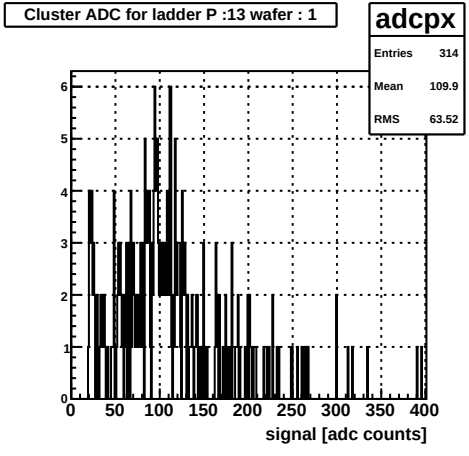

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 467
Mean 28.05
RMS 14.86
signal [adc counts]

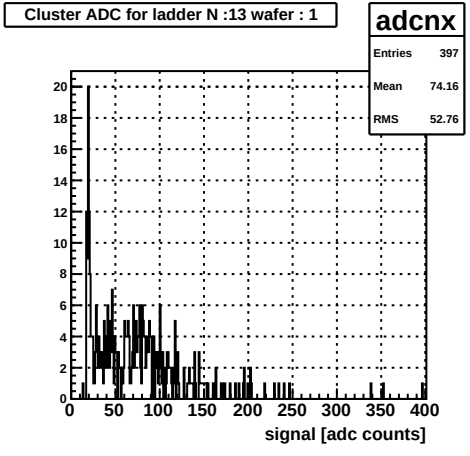

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 368
Mean 80.86
RMS 50.89
signal [adc counts]

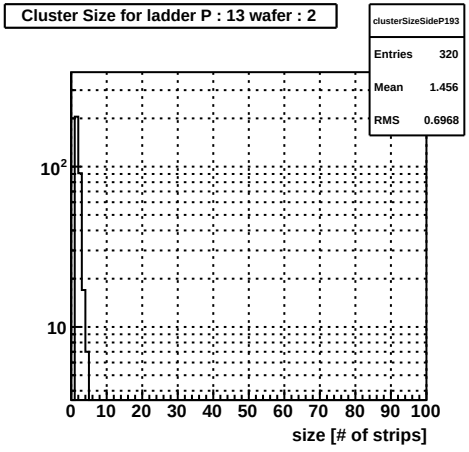

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 314
Mean 1.468
RMS 0.6339
size [# of strips]

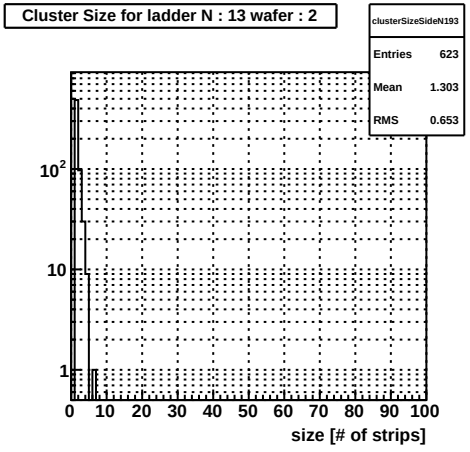

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 397
Mean 1.73
RMS 1.102
size [# of strips]

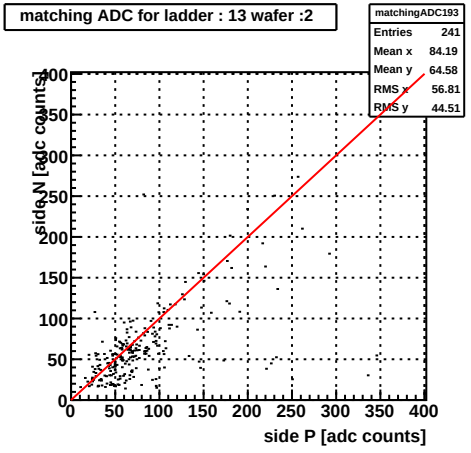

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 252
Mean x 100.1
Mean y 86.96
RMS x 54.97
RMS y 50.89
side N [adc counts]
side P [adc counts]

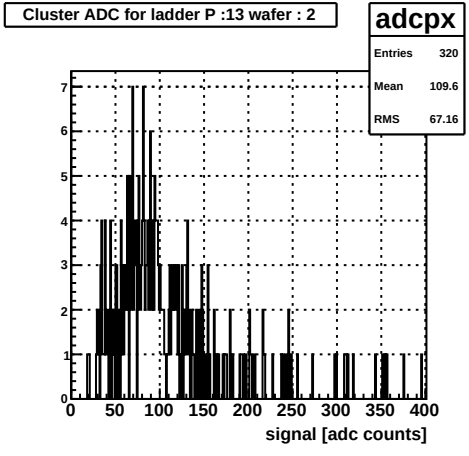

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 314
Mean 109.9
RMS 63.52
signal [adc counts]

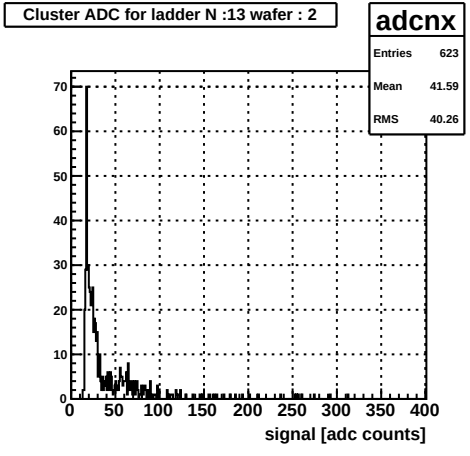

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 397
Mean 74.16
RMS 52.76
signal [adc counts]

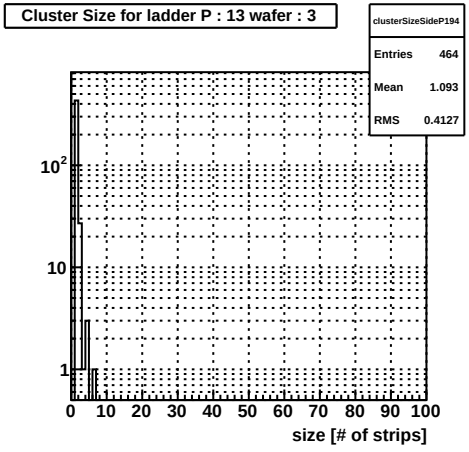

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 320
Mean 1.456
RMS 0.6968
size [# of strips]

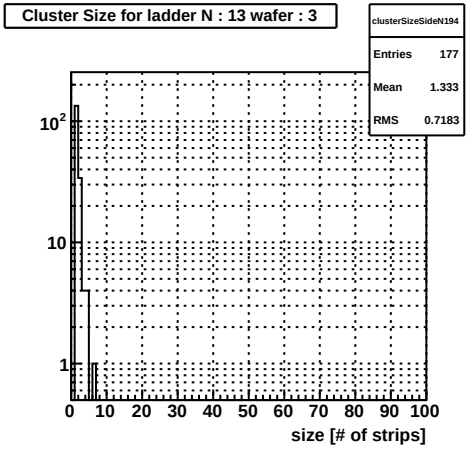

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 623
Mean 1.303
RMS 0.653
size [# of strips]

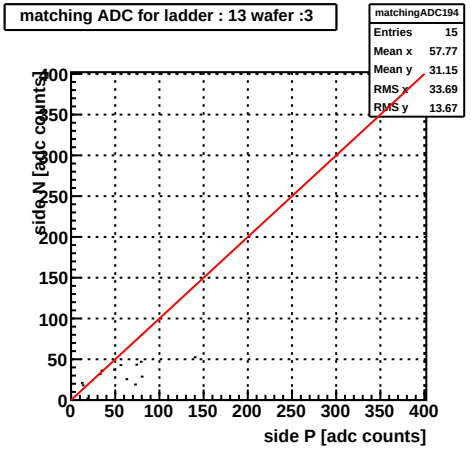

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 241
Mean x 84.19
Mean y 64.58
RMS x 56.81
RMS y 44.51
side N [adc counts]
side P [adc counts]

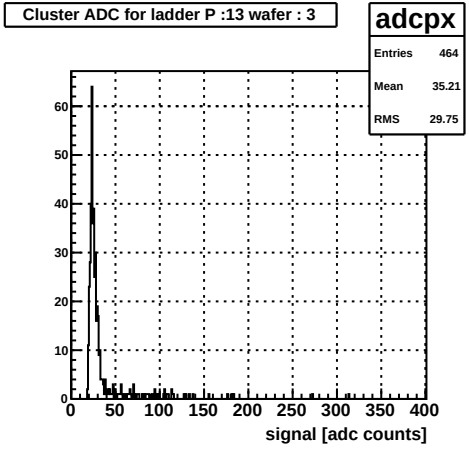

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 320
Mean 109.6
RMS 67.16
signal [adc counts]

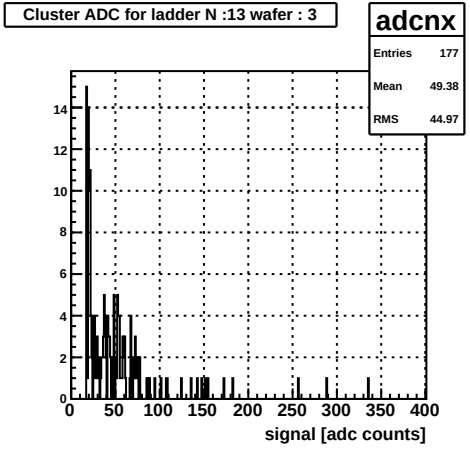

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 623
Mean 41.59
RMS 40.26
signal [adc counts]

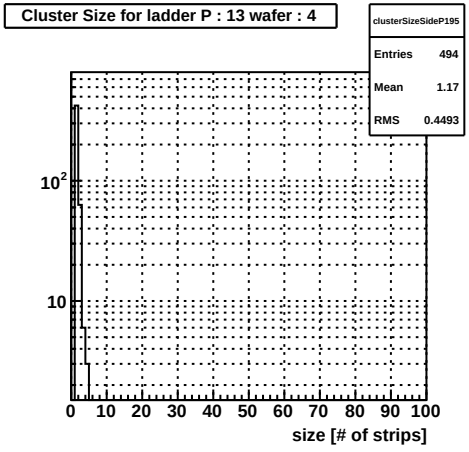

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 464
Mean 1.093
RMS 0.4127
size [# of strips]

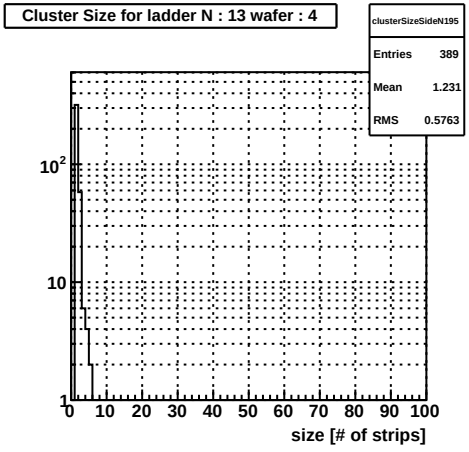

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 177
Mean 1.333
RMS 0.7183
size [# of strips]

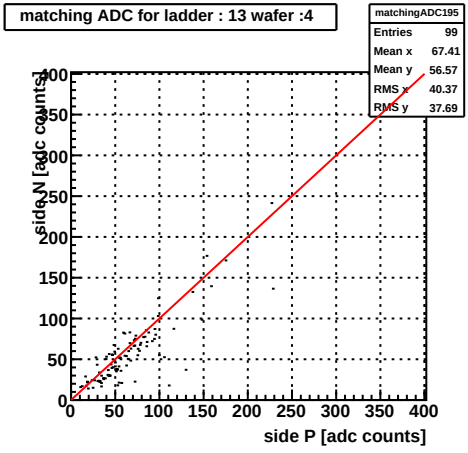

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 15
Mean x 57.77
Mean y 31.15
RMS x 33.69
RMS y 13.67
side N [adc counts]
side P [adc counts]

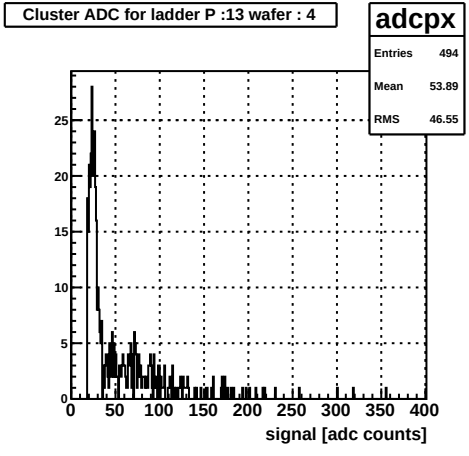

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 464
Mean 35.21
RMS 29.75
signal [adc counts]

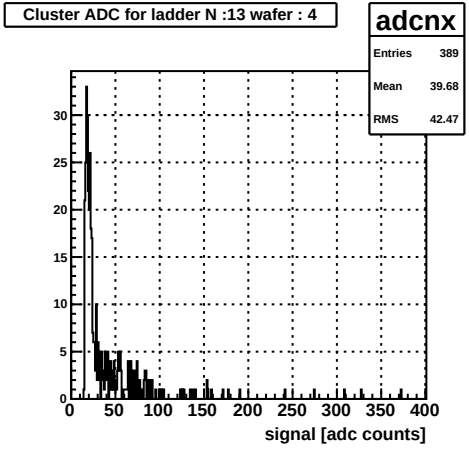

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 177
Mean 49.38
RMS 44.97
signal [adc counts]

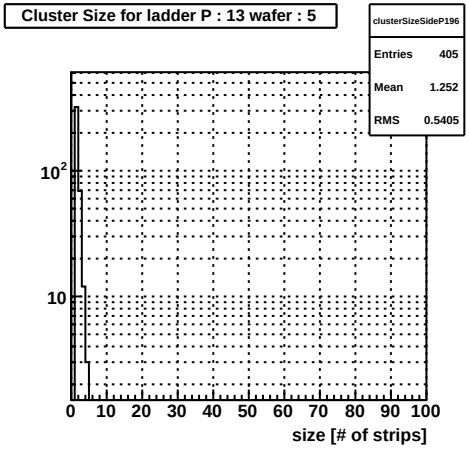

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 494
Mean 1.17
RMS 0.4493
size [# of strips]

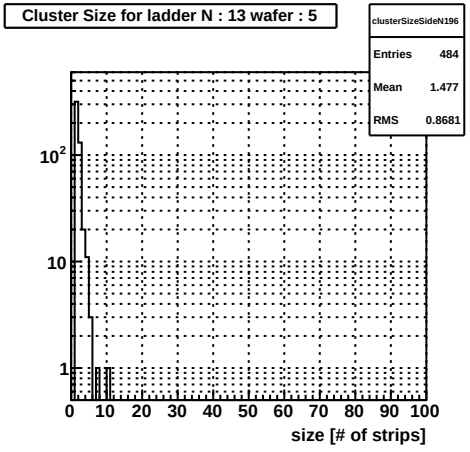

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 389
Mean 1.231
RMS 0.5763
size [# of strips]

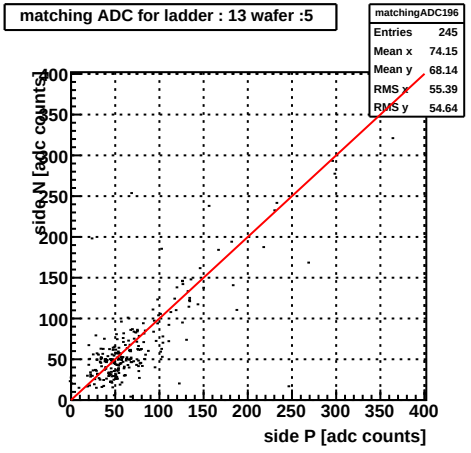

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 99
Mean x 67.41
Mean y 56.57
RMS x 40.37
RMS y 37.69
side N [adc counts]
side P [adc counts]

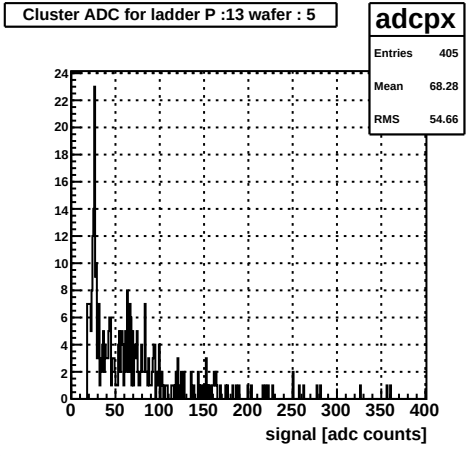

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 494
Mean 53.89
RMS 46.55
signal [adc counts]

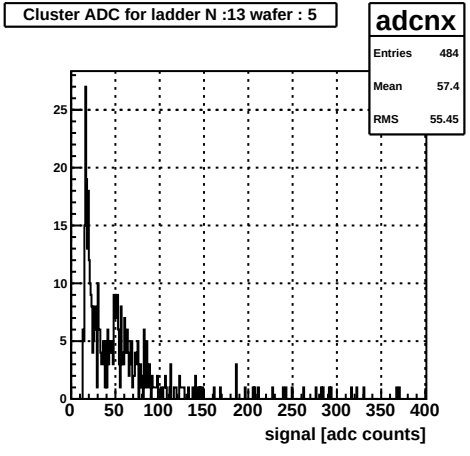

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 389
Mean 39.68
RMS 42.47
signal [adc counts]

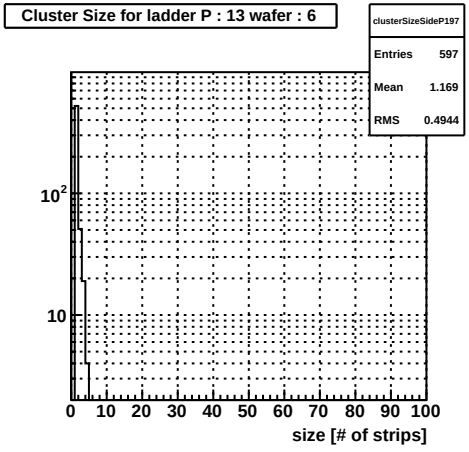

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 405
Mean 1.252
RMS 0.5405
size [# of strips]

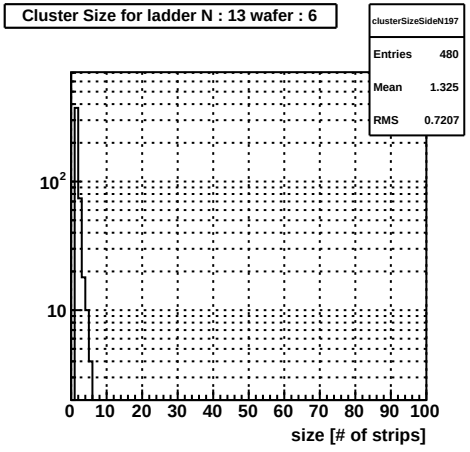

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 484
Mean 1.477
RMS 0.8681
size [# of strips]

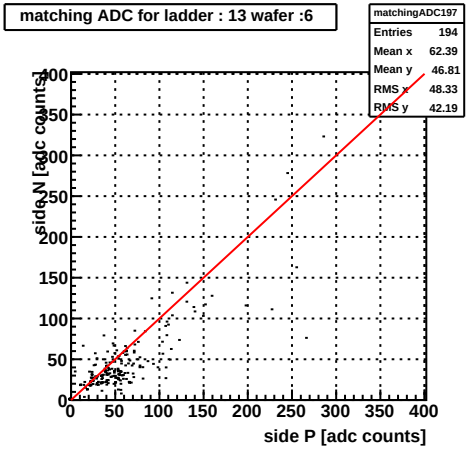

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 245
Mean x 74.15
Mean y 68.14
RMS x 55.39
RMS y 54.64
side N [adc counts]
side P [adc counts]

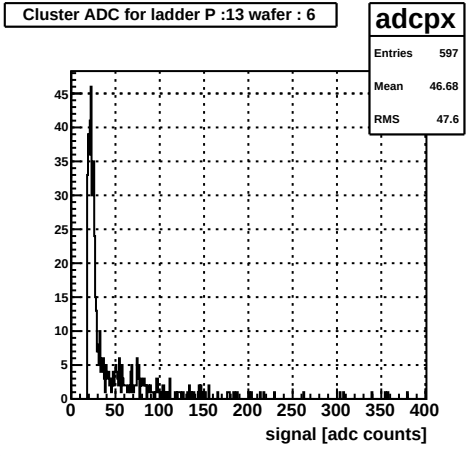

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 405
Mean 68.28
RMS 54.66
signal [adc counts]

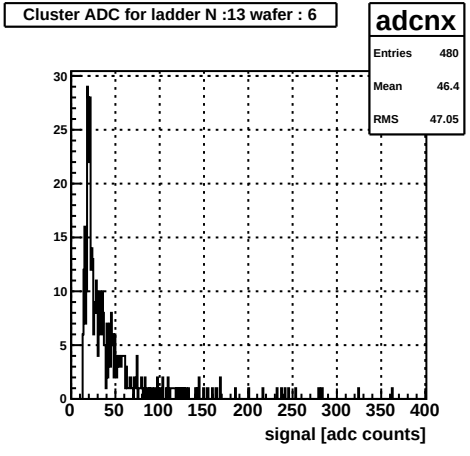

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 484
Mean 57.4
RMS 55.45
signal [adc counts]

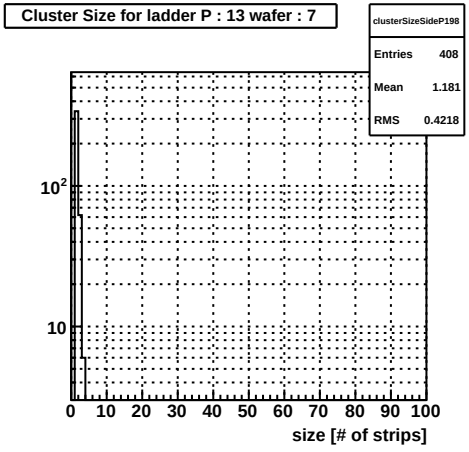

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 597
Mean 1.169
RMS 0.4944
size [# of strips]

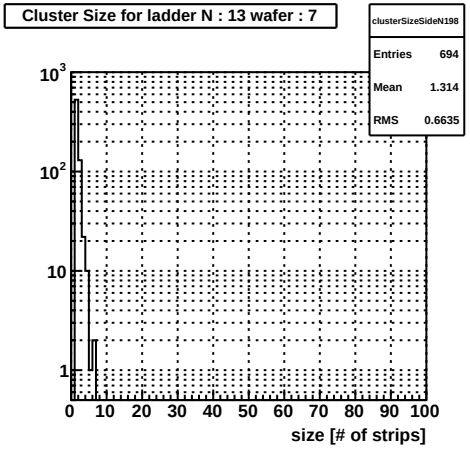

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 480
Mean 1.325
RMS 0.7207
size [# of strips]

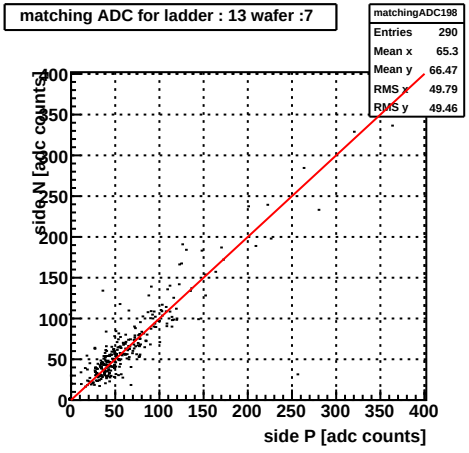

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 194
Mean x 62.39
Mean y 46.81
RMS x 48.33
RMS y 42.19
side N [adc counts]
side P [adc counts]

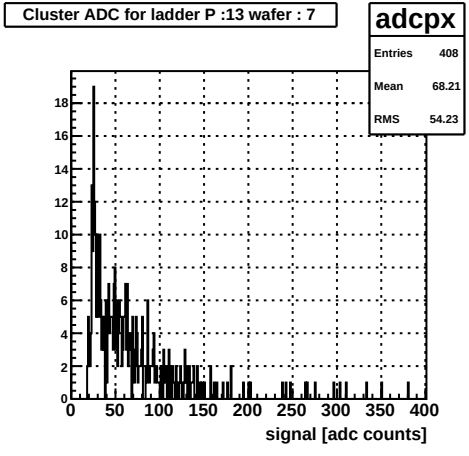

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 597
Mean 46.68
RMS 47.6
signal [adc counts]

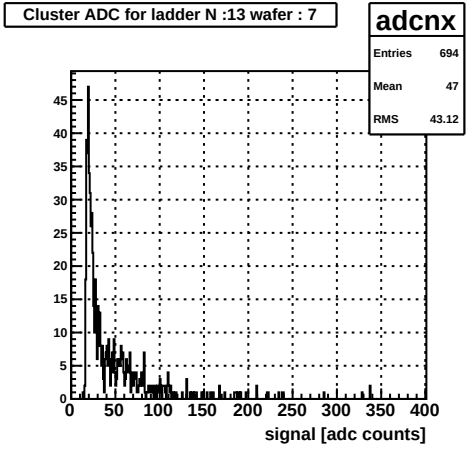

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 480
Mean 46.4
RMS 47.05
signal [adc counts]

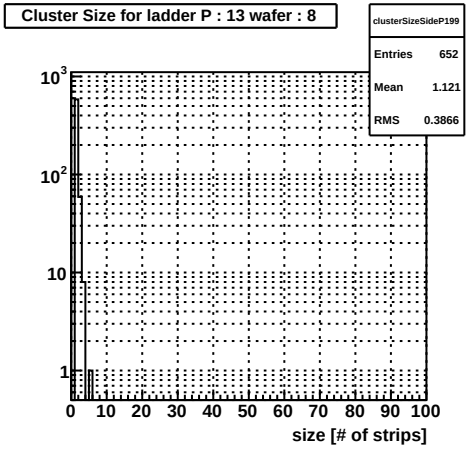

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 408
Mean 1.181
RMS 0.4218
size [# of strips]

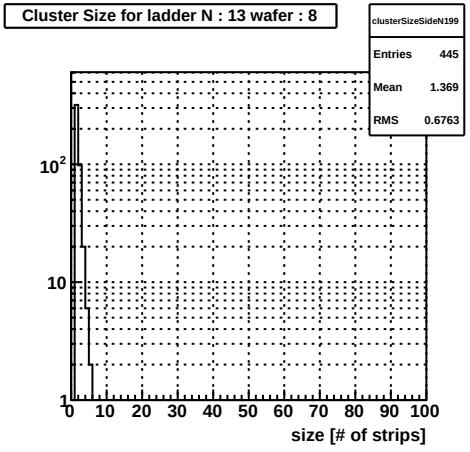

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 694
Mean 1.314
RMS 0.6635
size [# of strips]

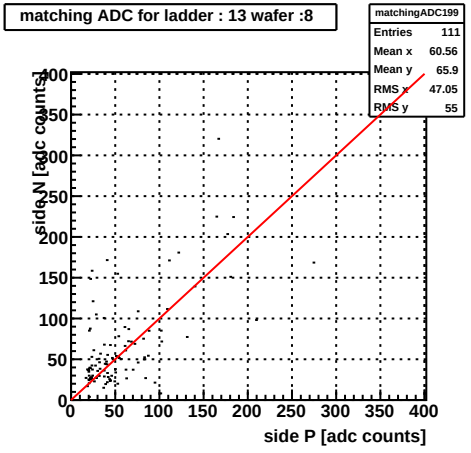

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 290
Mean x 65.3
Mean y 66.47
RMS x 49.79
RMS y 49.46
side N [adc counts]
side P [adc counts]

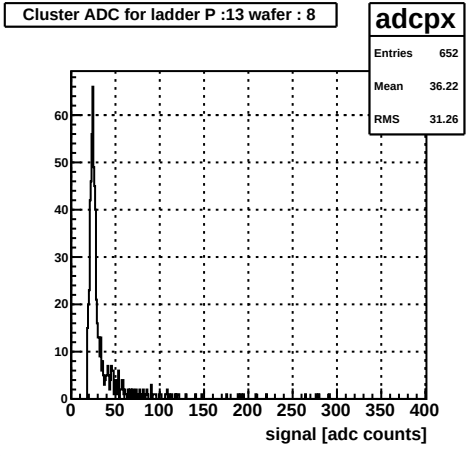

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 408
Mean 68.21
RMS 54.23
signal [adc counts]

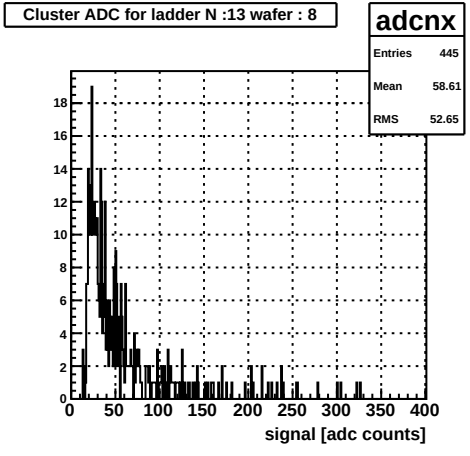

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 694
Mean 47
RMS 43.12
signal [adc counts]

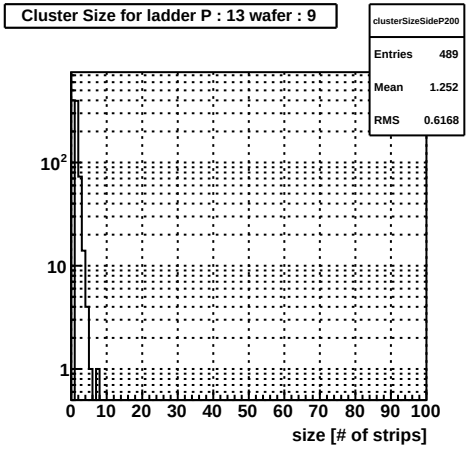

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 652
Mean 1.121
RMS 0.3866
size [# of strips]

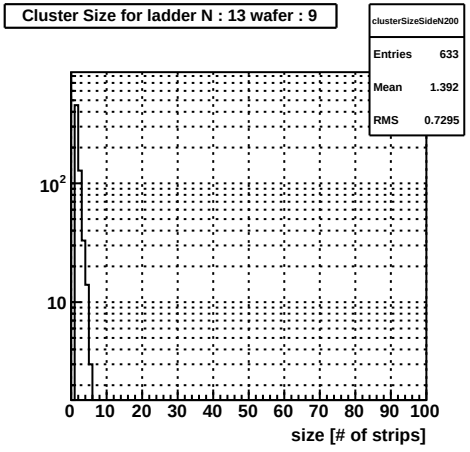

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 445
Mean 1.369
RMS 0.6763
size [# of strips]

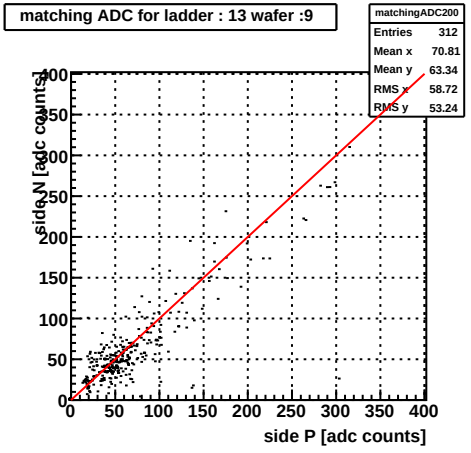

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 111
Mean x 60.56
Mean y 65.9
RMS x 47.05
RMS y 55
side N [adc counts]
side P [adc counts]

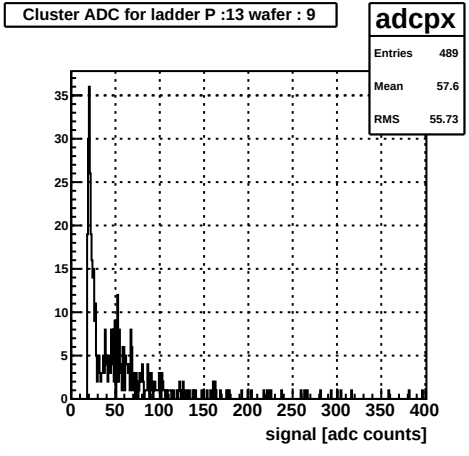

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 652
Mean 36.22
RMS 31.26
signal [adc counts]

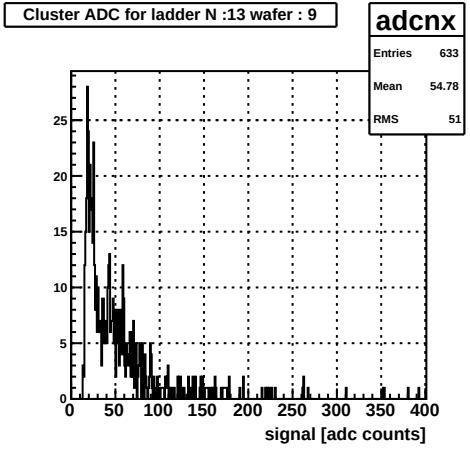

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 445
Mean 58.61
RMS 52.65
signal [adc counts]

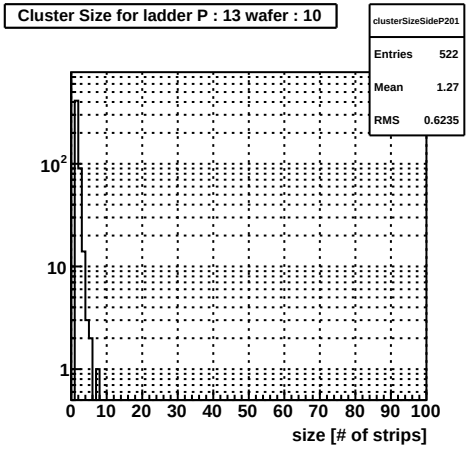

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 489
Mean 1.252
RMS 0.6168
size [# of strips]

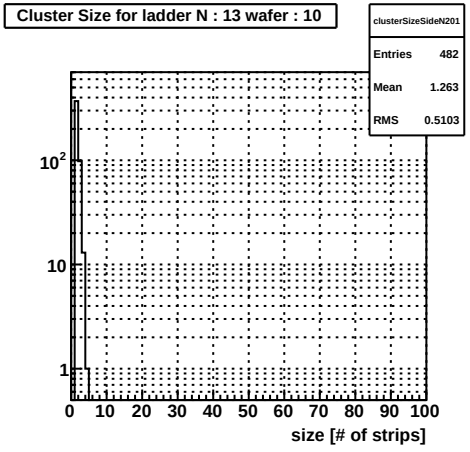

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 633
Mean 1.392
RMS 0.7295
size [# of strips]

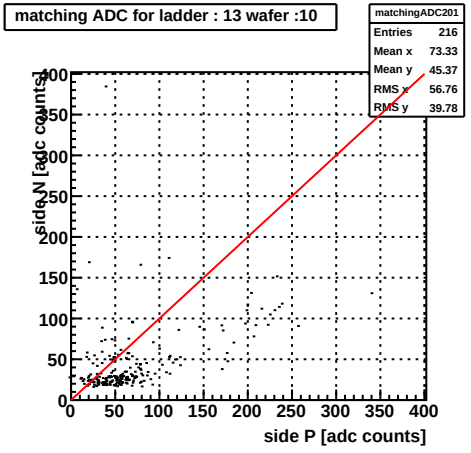

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 312
Mean x 70.81
Mean y 63.34
RMS x 58.72
RMS y 53.24
side N [adc counts]
side P [adc counts]

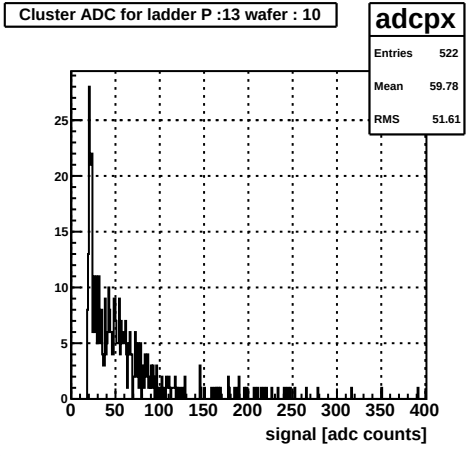

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 489
Mean 57.6
RMS 55.73
signal [adc counts]

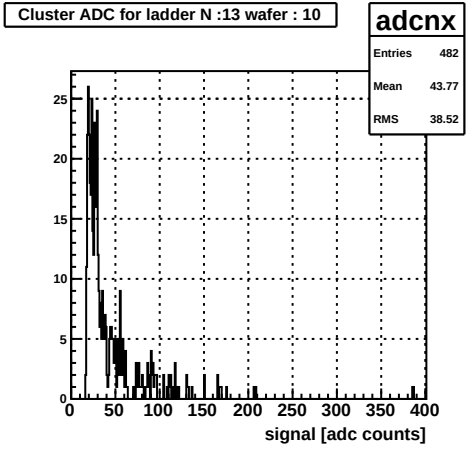

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 633
Mean 54.78
RMS 51
signal [adc counts]

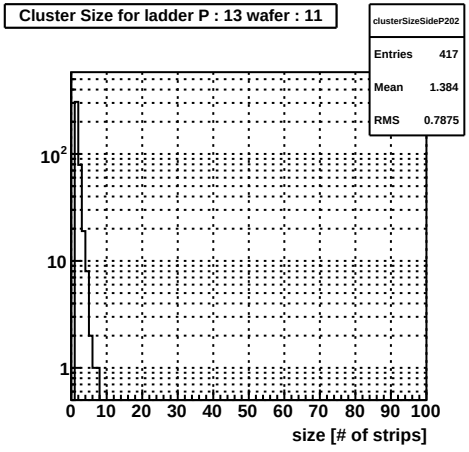

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 522
Mean 1.27
RMS 0.6235
size [# of strips]

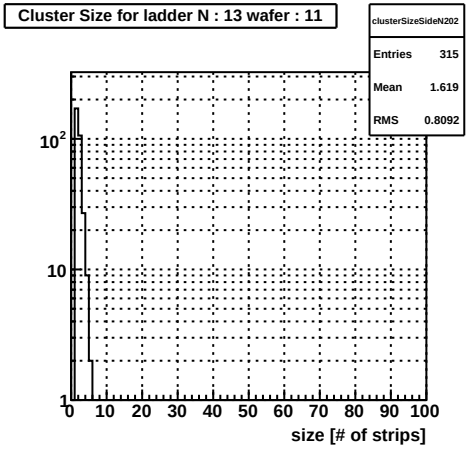

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 482
Mean 1.263
RMS 0.5103
size [# of strips]

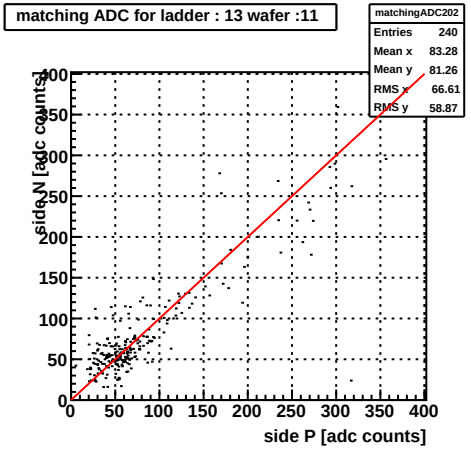

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 216
Mean x 73.33
Mean y 45.37
RMS x 56.76
RMS y 39.78
side N [adc counts]
side P [adc counts]

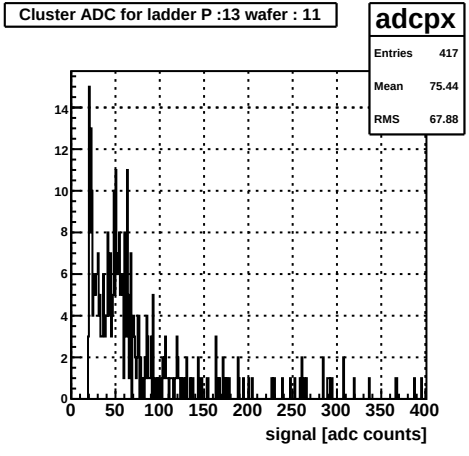

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 522
Mean 59.78
RMS 51.61
signal [adc counts]

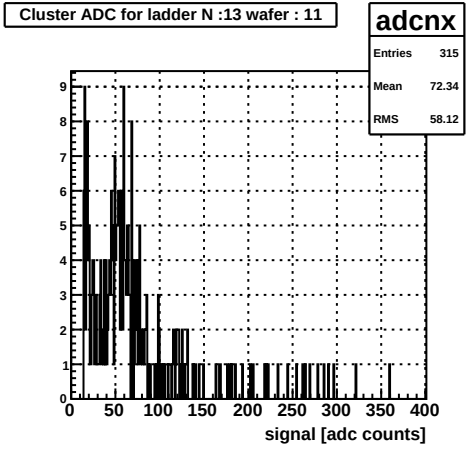

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 482
Mean 43.77
RMS 38.52
signal [adc counts]

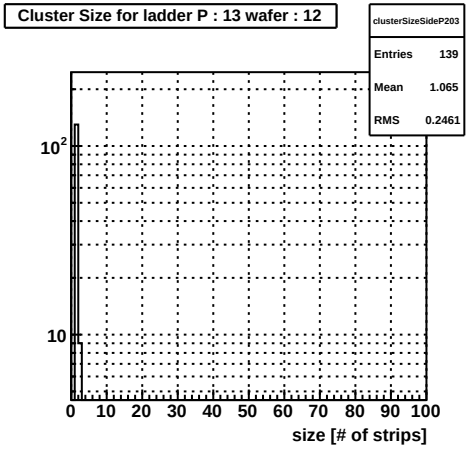

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 417
Mean 1.384
RMS 0.7875
size [# of strips]

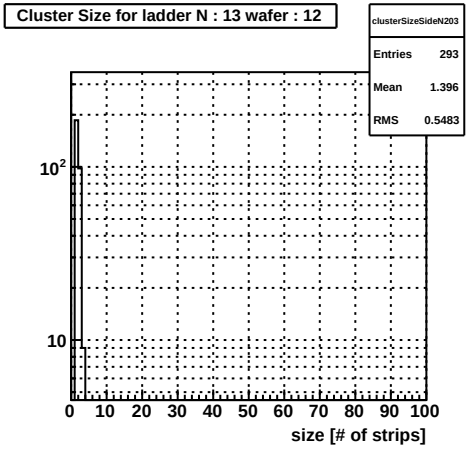

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 315
Mean 1.619
RMS 0.8092
size [# of strips]

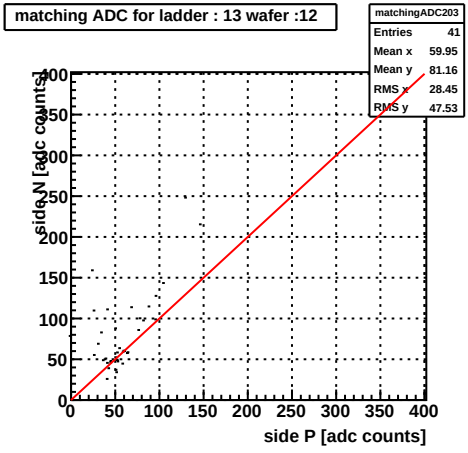

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 240
Mean x 83.28
Mean y 81.26
RMS x 66.61
RMS y 58.87
side N [adc counts]
side P [adc counts]

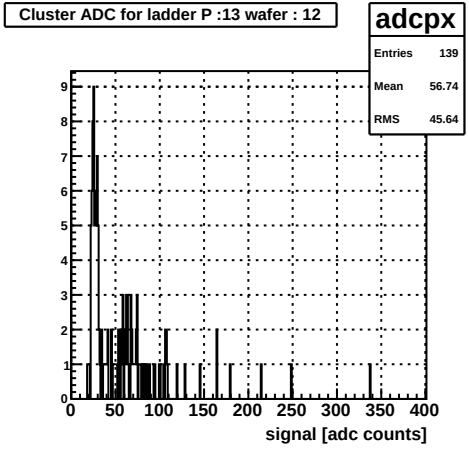

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 417
Mean 75.44
RMS 67.88
signal [adc counts]

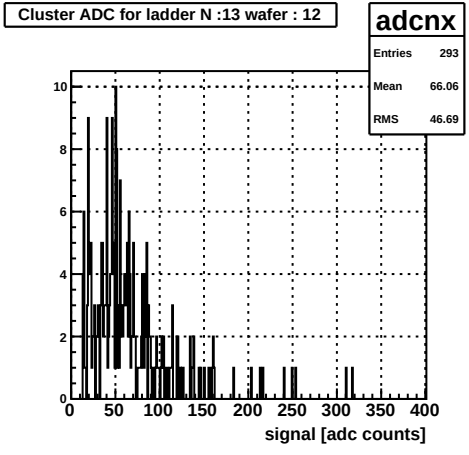

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 315
Mean 72.34
RMS 58.12
signal [adc counts]

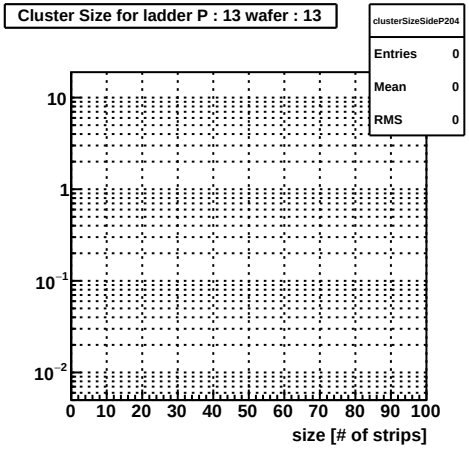

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 139
Mean 1.065
RMS 0.2461
size [# of strips]

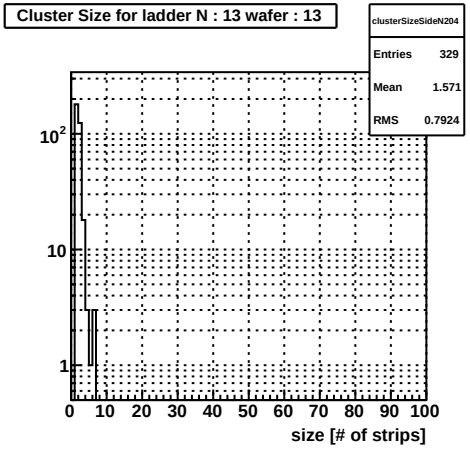

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 293
Mean 1.396
RMS 0.5483
size [# of strips]

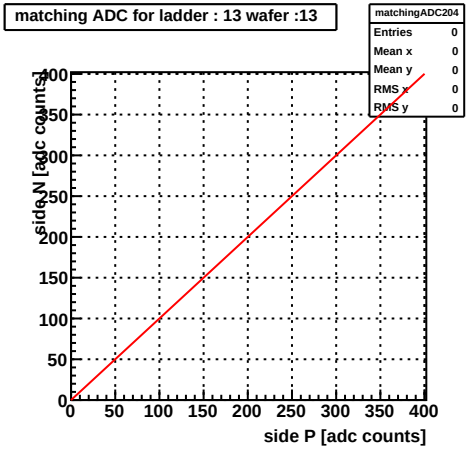

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 41
Mean x 59.95
Mean y 81.16
RMS x 28.45
RMS y 47.53
side N [adc counts]
side P [adc counts]

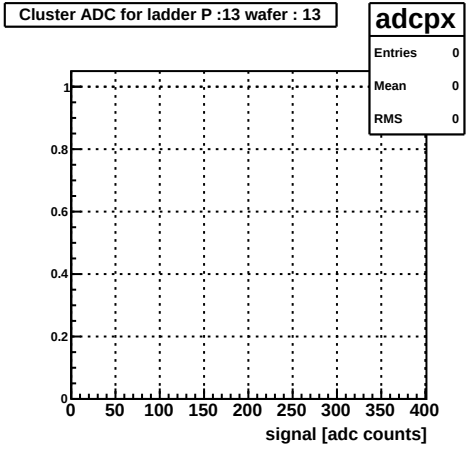

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 139
Mean 56.74
RMS 45.64
signal [adc counts]

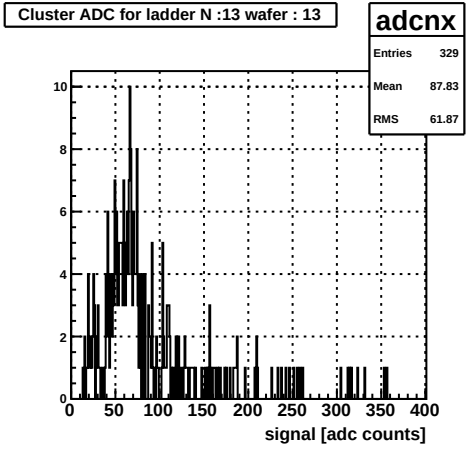

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 293
Mean 66.06
RMS 46.69
signal [adc counts]

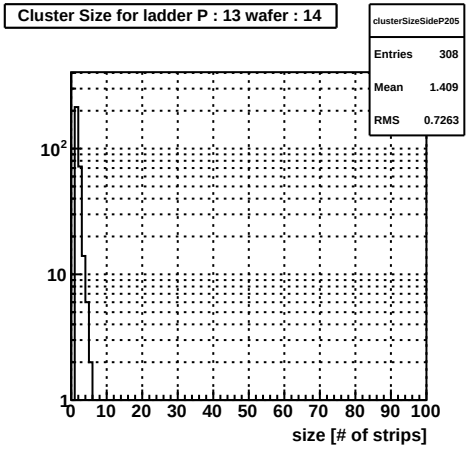

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 0
Mean 0
RMS 0
size [# of strips]

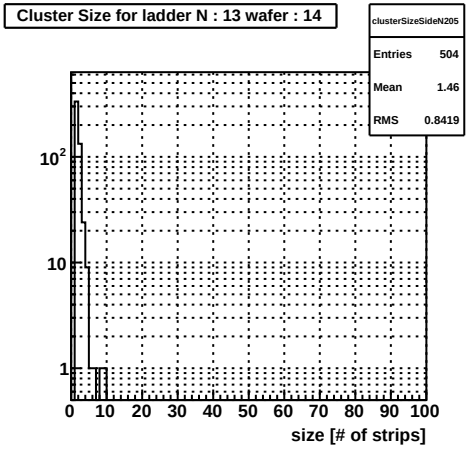

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 329
Mean 1.571
RMS 0.7924
size [# of strips]

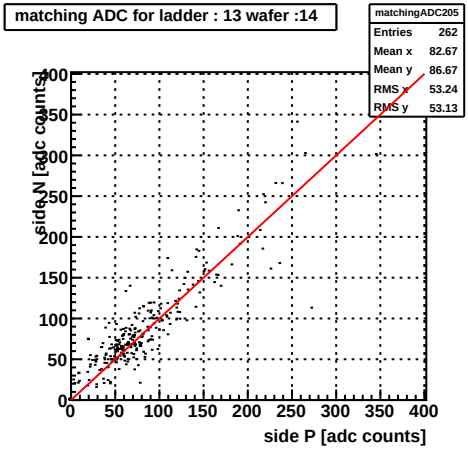

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

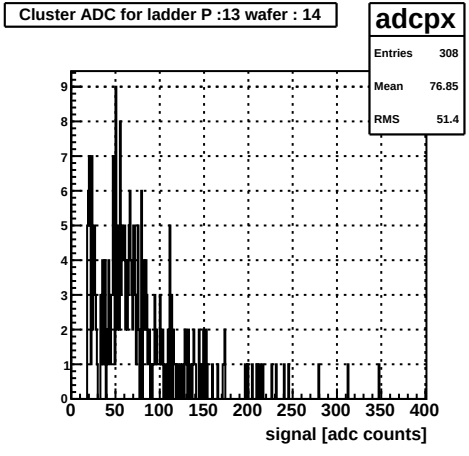

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

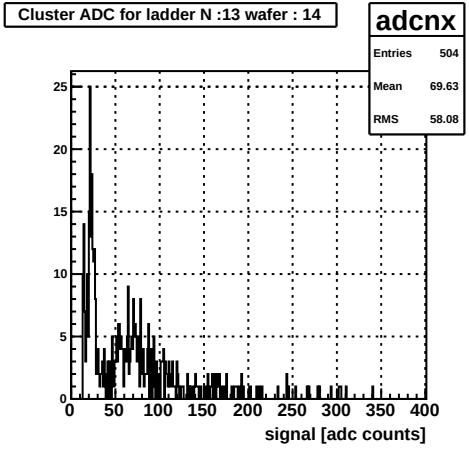

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 329
Mean 87.83
RMS 61.87
signal [adc counts]

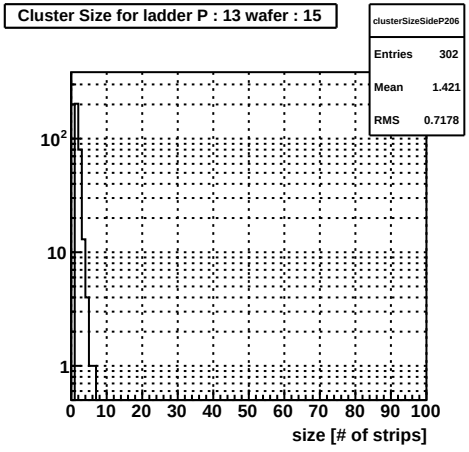

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 308
Mean 1.409
RMS 0.7263
size [# of strips]

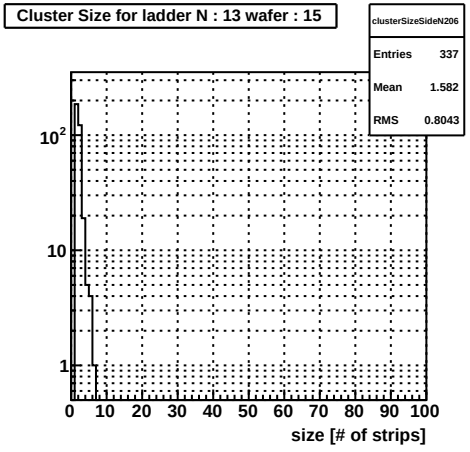

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 504
Mean 1.46
RMS 0.8419
size [# of strips]

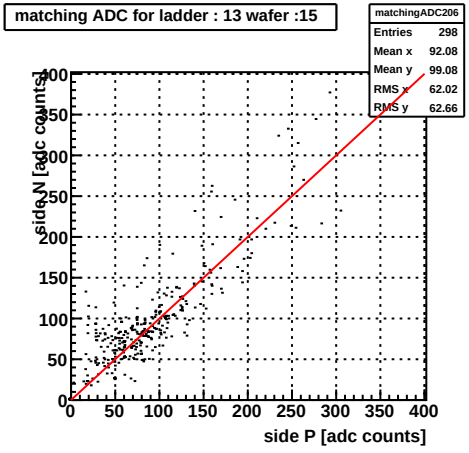

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 262
Mean x 82.67
Mean y 86.67
RMS x 53.24
RMS y 53.13
side N [adc counts]
side P [adc counts]

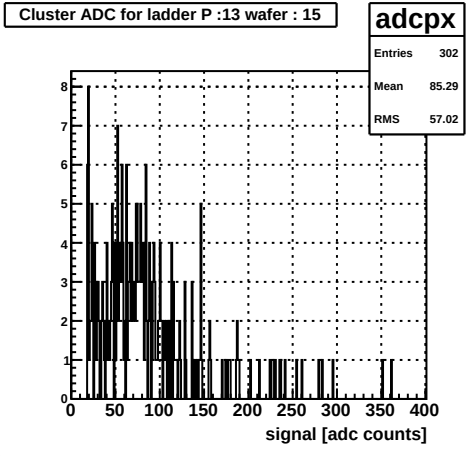

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 308
Mean 76.85
RMS 51.4
signal [adc counts]

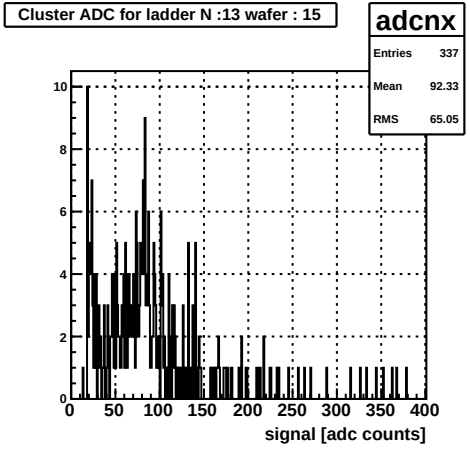

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 504
Mean 69.63
RMS 58.08
signal [adc counts]

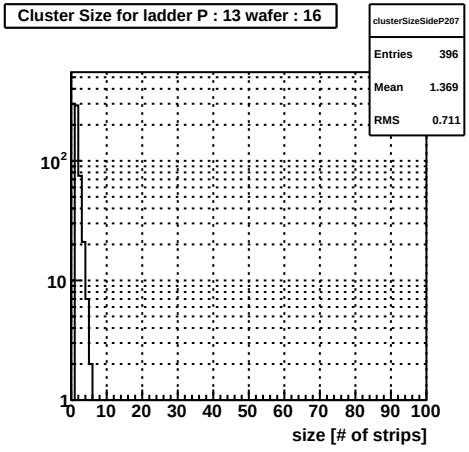

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 302
Mean 1.421
RMS 0.7178
size [# of strips]

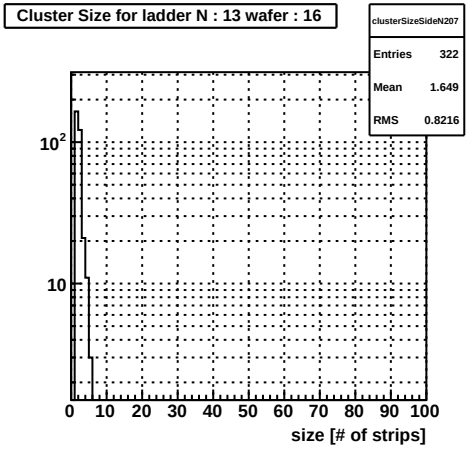

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 337
Mean 1.582
RMS 0.8043
size [# of strips]

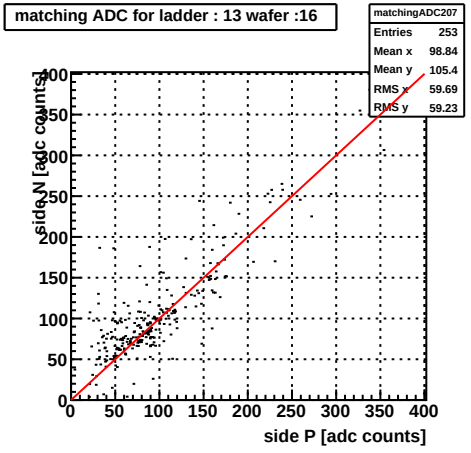

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 298
Mean x 92.08
Mean y 99.08
RMS x 62.02
RMS y 62.66
side N [adc counts]
side P [adc counts]

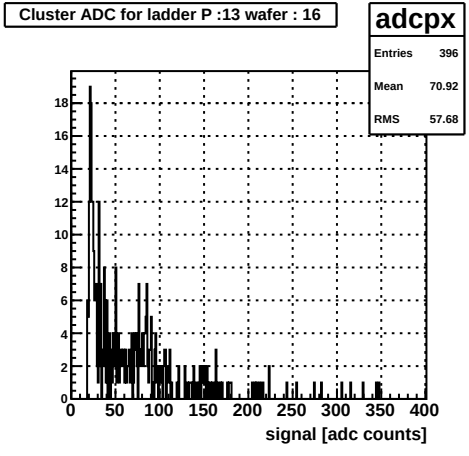

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 302
Mean 85.29
RMS 57.02
signal [adc counts]

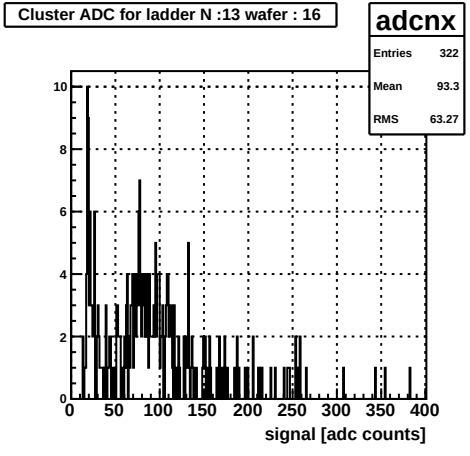

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 337
Mean 92.33
RMS 65.05
signal [adc counts]

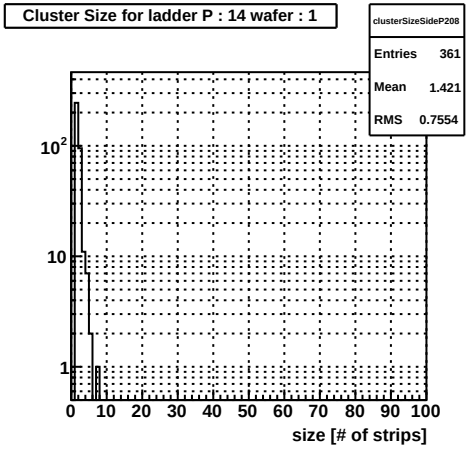

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 396
Mean 1.369
RMS 0.711
size [# of strips]

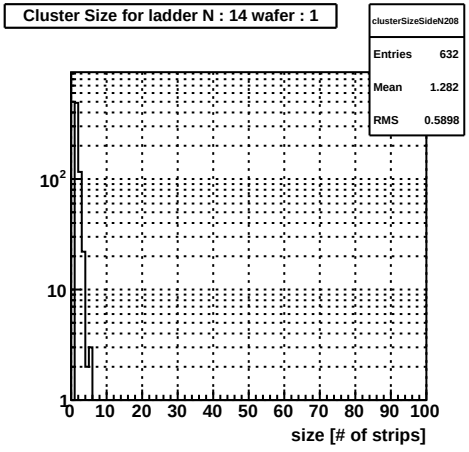

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 322
Mean 1.649
RMS 0.8216
size [# of strips]

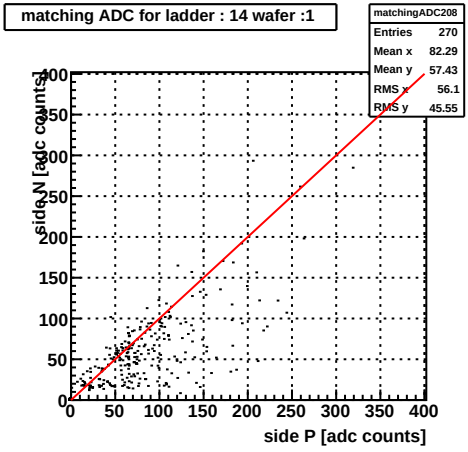

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 253
Mean x 98.84
Mean y 105.4
RMS x 59.69
RMS y 59.23
side N [adc counts]
side P [adc counts]

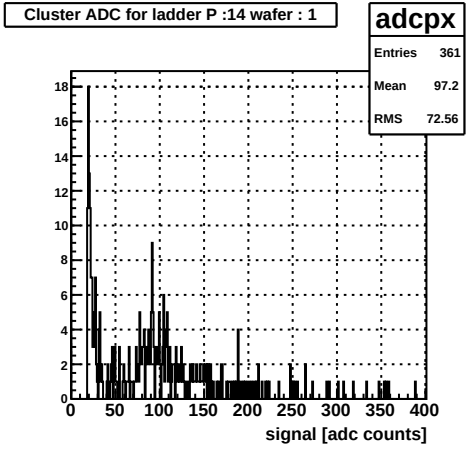

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 396
Mean 70.92
RMS 57.68
signal [adc counts]

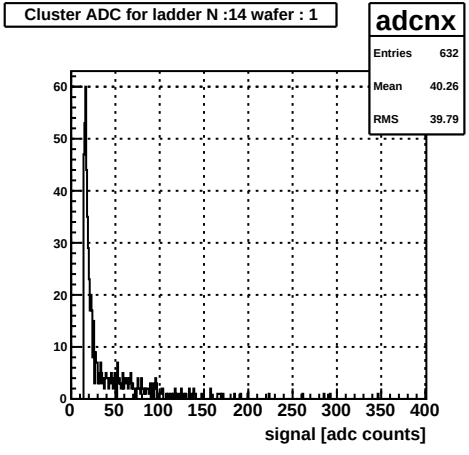

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 322
Mean 93.3
RMS 63.27
signal [adc counts]

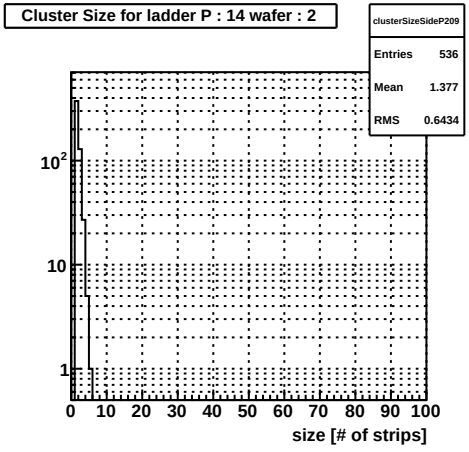

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 361
Mean 1.421
RMS 0.7554
size [# of strips]

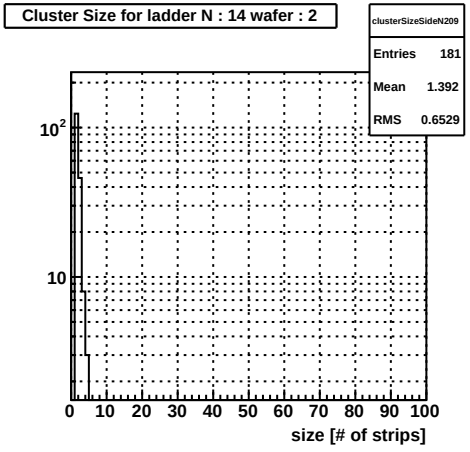

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 632
Mean 1.282
RMS 0.5898
size [# of strips]

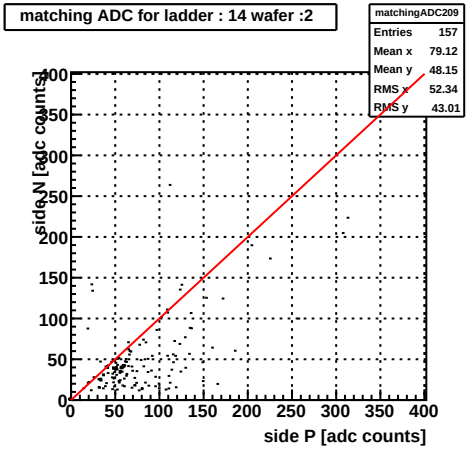

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 270
Mean x 82.29
Mean y 57.43
RMS x 56.1
RMS y 45.55
side N [adc counts]
side P [adc counts]

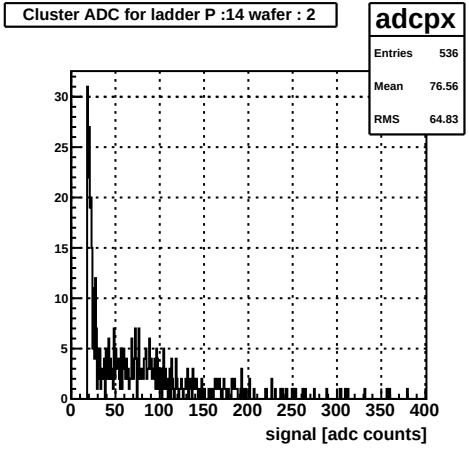

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 361
Mean 97.2
RMS 72.56
signal [adc counts]

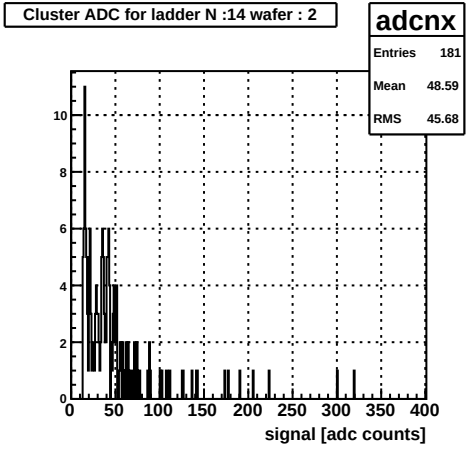

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 632
Mean 40.26
RMS 39.79
signal [adc counts]

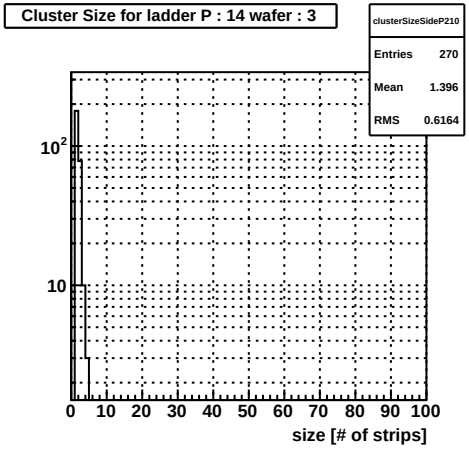

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 536
Mean 1.377
RMS 0.6434
size [# of strips]

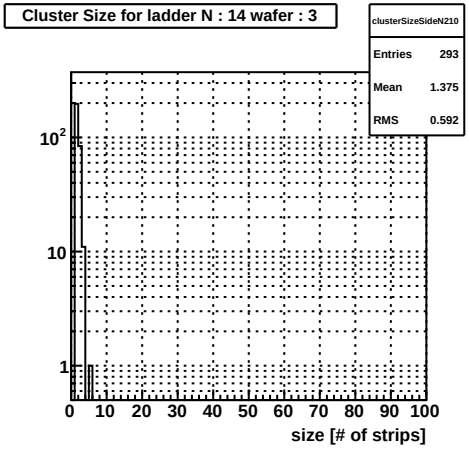

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 181
Mean 1.392
RMS 0.6529
size [# of strips]

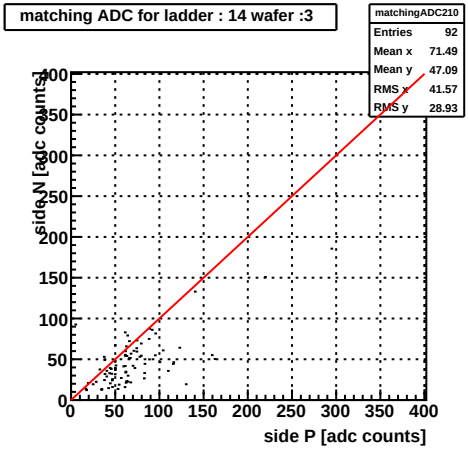

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 157
Mean x 79.12
Mean y 48.15
RMS x 52.34
RMS y 43.01
side N [adc counts]
side P [adc counts]

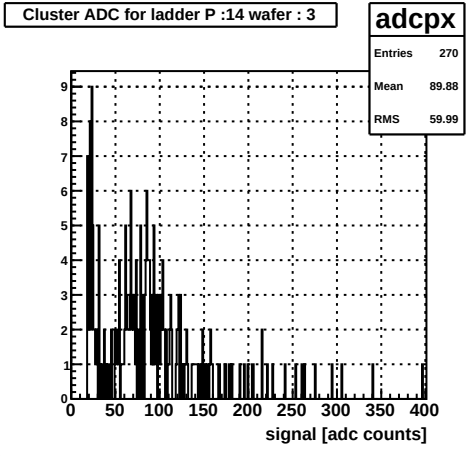

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 536
Mean 76.56
RMS 64.83
signal [adc counts]

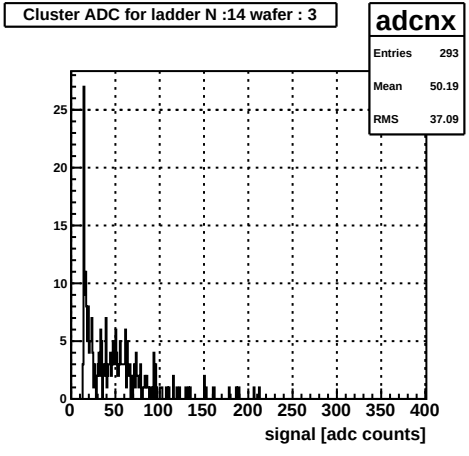

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 181
Mean 48.59
RMS 45.68
signal [adc counts]

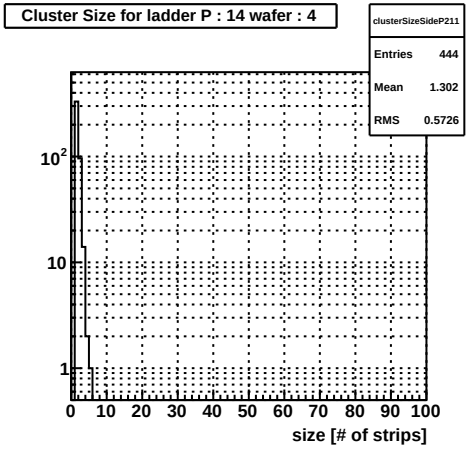

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 270
Mean 1.396
RMS 0.6164
size [# of strips]

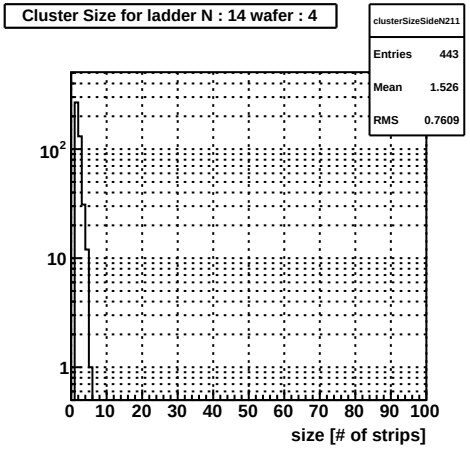

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 293
Mean 1.375
RMS 0.592
size [# of strips]

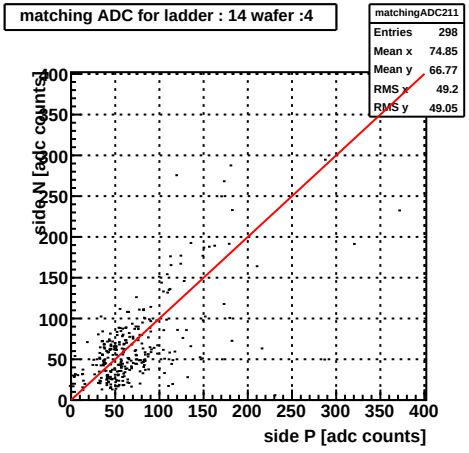

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 92
Mean x 71.49
Mean y 47.09
RMS x 41.57
RMS y 28.93
side N [adc counts]
side P [adc counts]

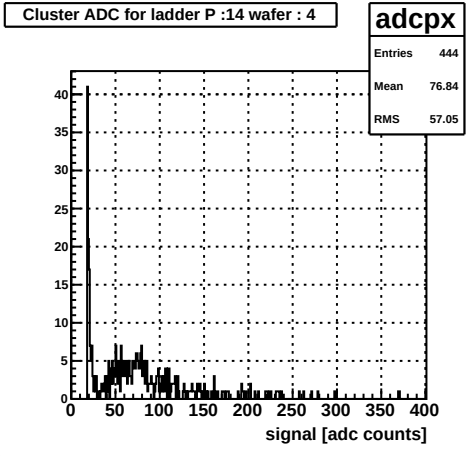

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 270
Mean 89.88
RMS 59.99
signal [adc counts]

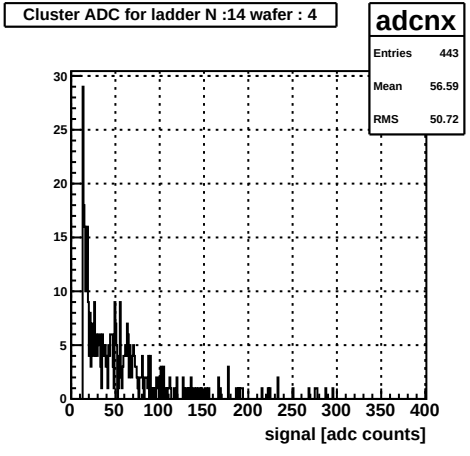

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 293
Mean 50.19
RMS 37.09
signal [adc counts]

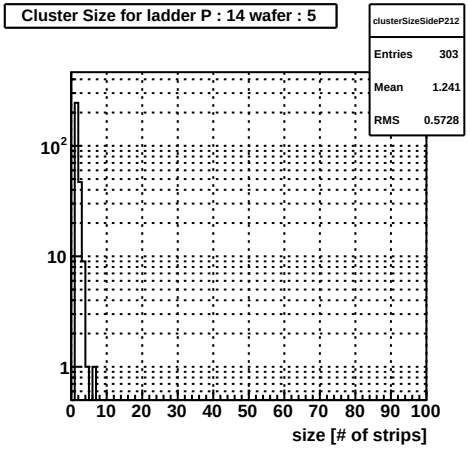

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 444
Mean 1.302
RMS 0.5726
size [# of strips]

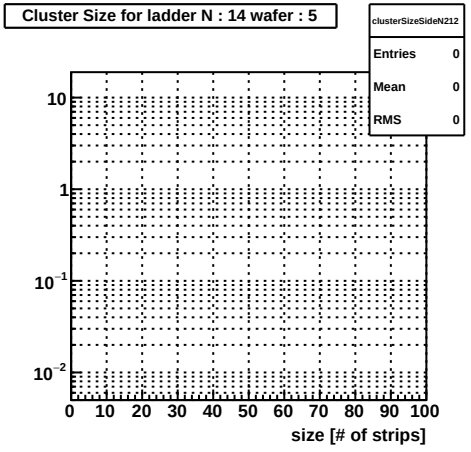

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 443
Mean 1.526
RMS 0.7609
size [# of strips]

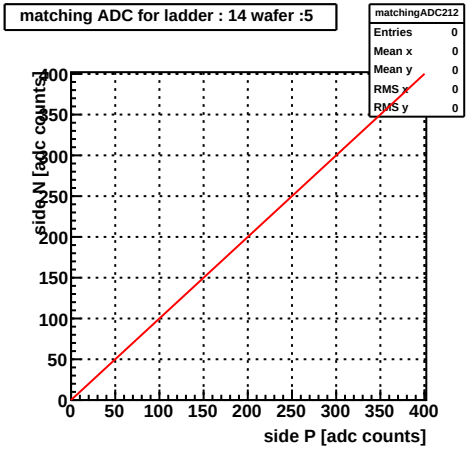

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 298
Mean x 74.85
Mean y 66.77
RMS x 49.2
RMS y 49.05
side N [adc counts]
side P [adc counts]

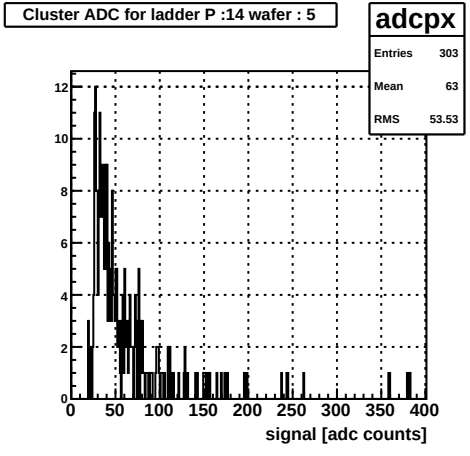

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 444
Mean 76.84
RMS 57.05
signal [adc counts]

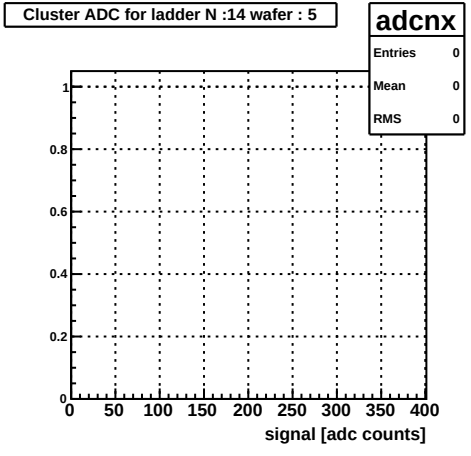

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 443
Mean 56.59
RMS 50.72
signal [adc counts]

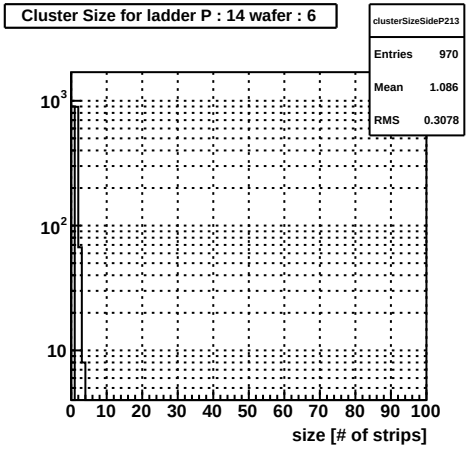

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 303
Mean 1.241
RMS 0.5728
size [# of strips]

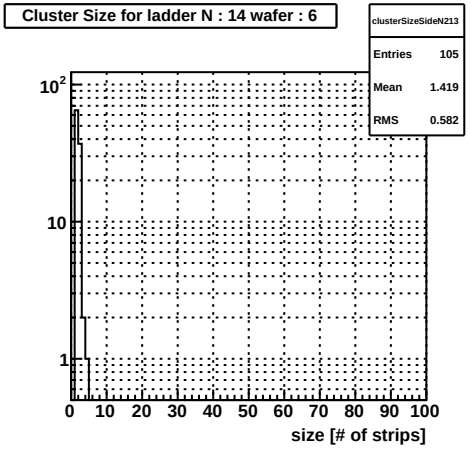

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

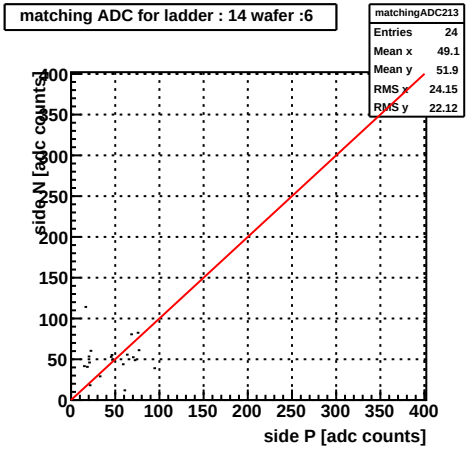

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

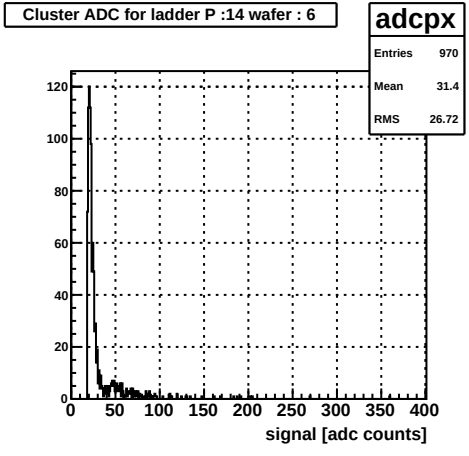

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 303
Mean 63
RMS 53.53
signal [adc counts]

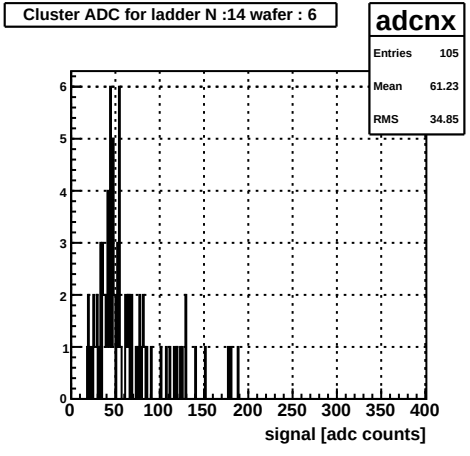

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

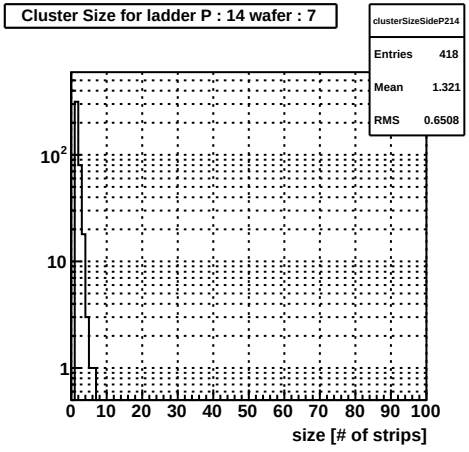

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 970
Mean 1.086
RMS 0.3078
size [# of strips]

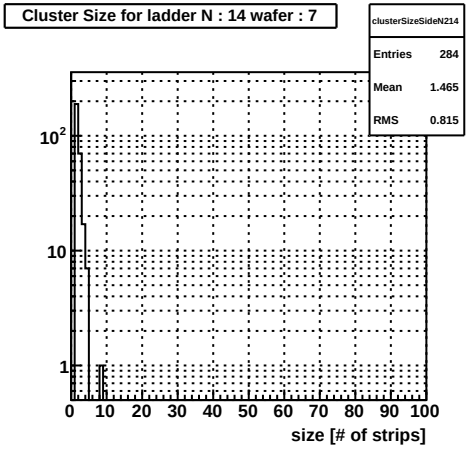

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 105
Mean 1.419
RMS 0.582
size [# of strips]

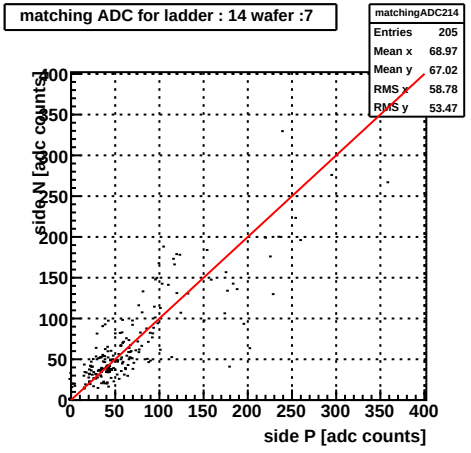

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 24
Mean x 49.1
Mean y 51.9
RMS x 24.15
RMS y 22.12
side N [adc counts]
side P [adc counts]

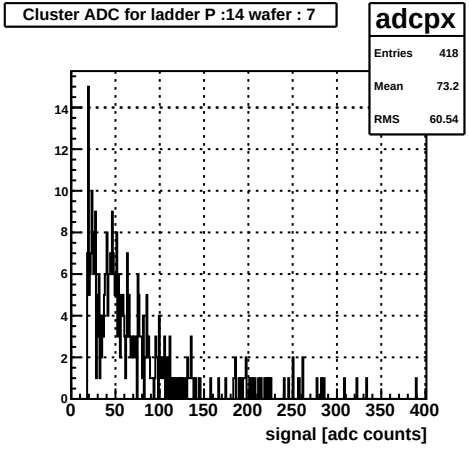

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 970
Mean 31.4
RMS 26.72
signal [adc counts]

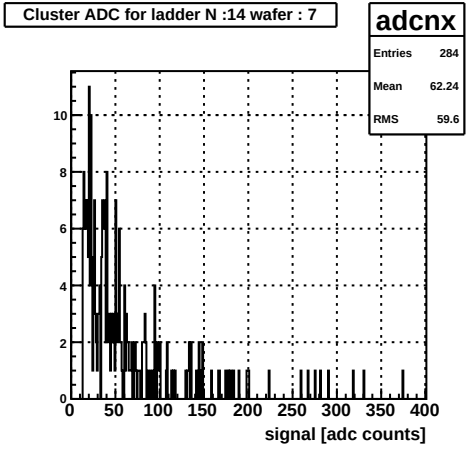

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 105
Mean 61.23
RMS 34.85
signal [adc counts]

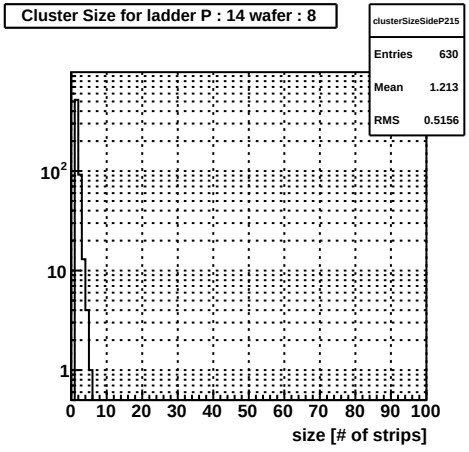

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 418
Mean 1.321
RMS 0.6508
size [# of strips]

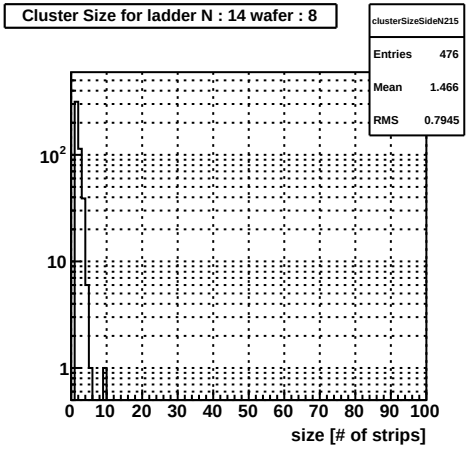

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 284
Mean 1.465
RMS 0.815
size [# of strips]

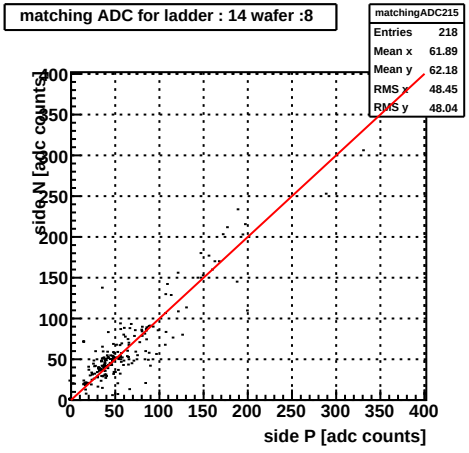

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 205
Mean x 68.97
Mean y 67.02
RMS x 58.78
RMS y 53.47
side N [adc counts]
side P [adc counts]

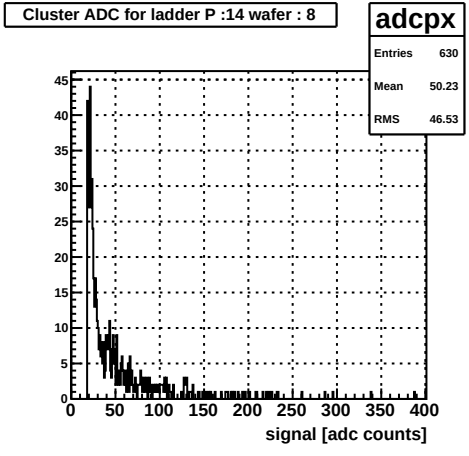

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 418
Mean 73.2
RMS 60.54
signal [adc counts]

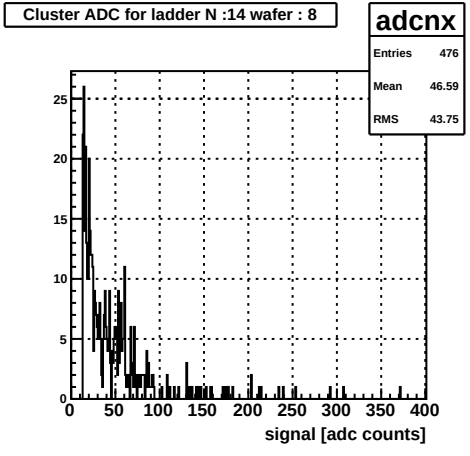

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 284
Mean 62.24
RMS 59.6
signal [adc counts]

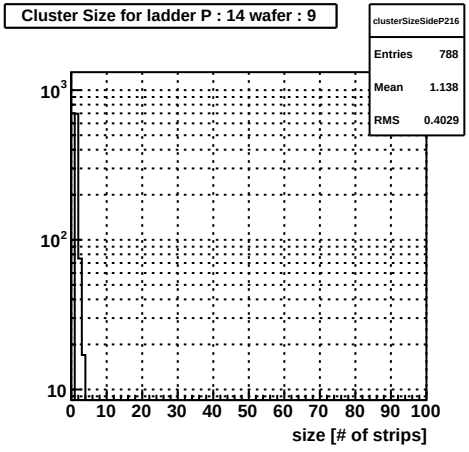

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 630
Mean 1.213
RMS 0.5156
size [# of strips]

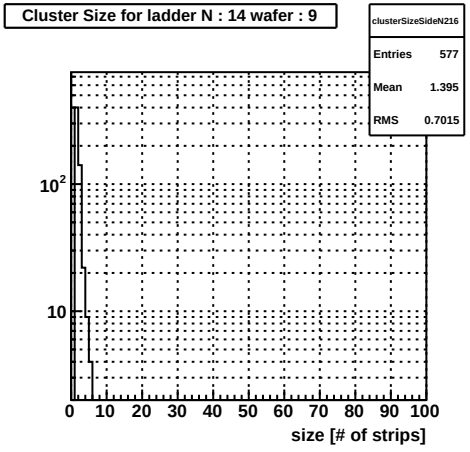

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 476
Mean 1.466
RMS 0.7945
size [# of strips]

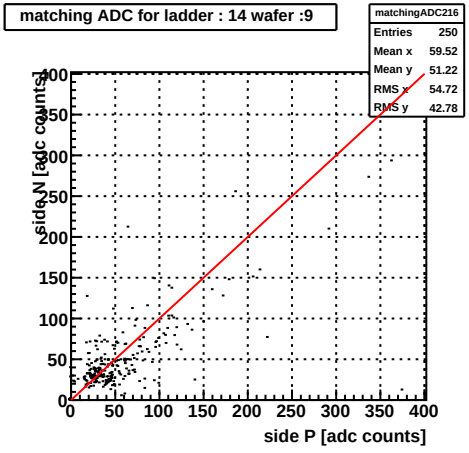

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 218
Mean x 61.89
Mean y 62.18
RMS x 48.45
RMS y 48.04
side N [adc counts]
side P [adc counts]

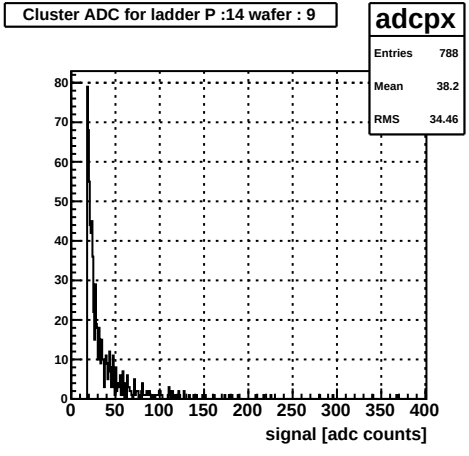

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 630
Mean 50.23
RMS 46.53
signal [adc counts]

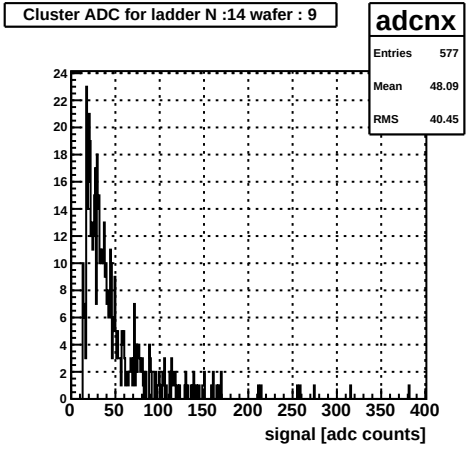

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 476
Mean 46.59
RMS 43.75
signal [adc counts]

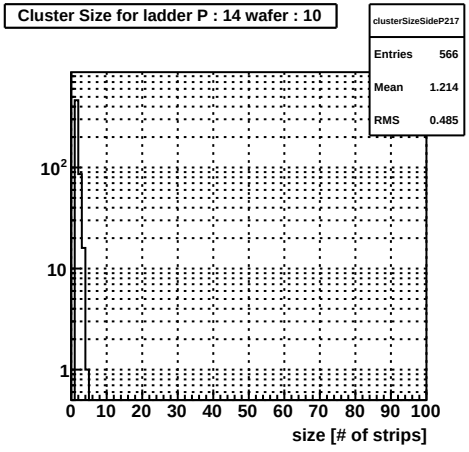

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 788
Mean 1.138
RMS 0.4029
size [# of strips]

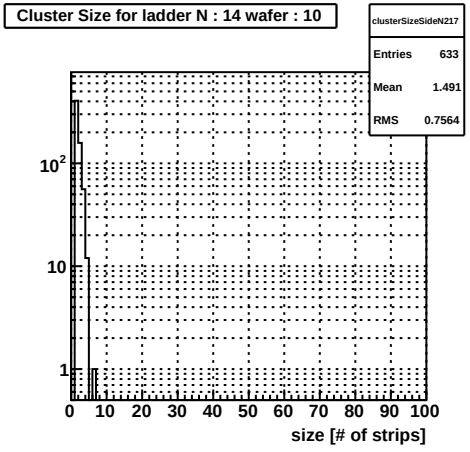

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 577
Mean 1.395
RMS 0.7015
size [# of strips]

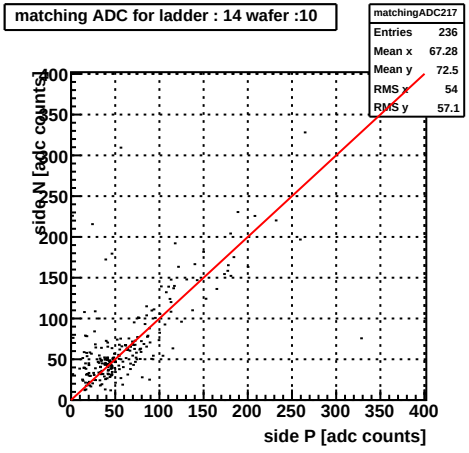

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 250
Mean x 59.52
Mean y 51.22
RMS x 54.72
RMS y 42.78
side N [adc counts]
side P [adc counts]

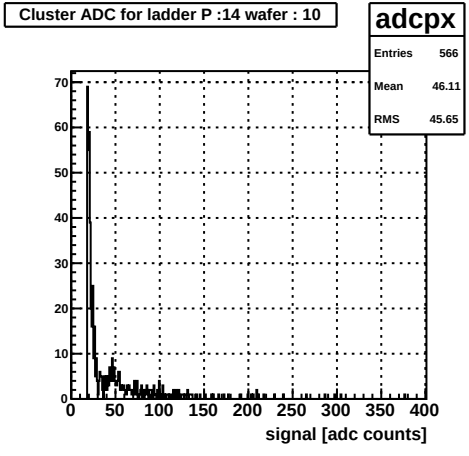

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 788
Mean 38.2
RMS 34.46
signal [adc counts]

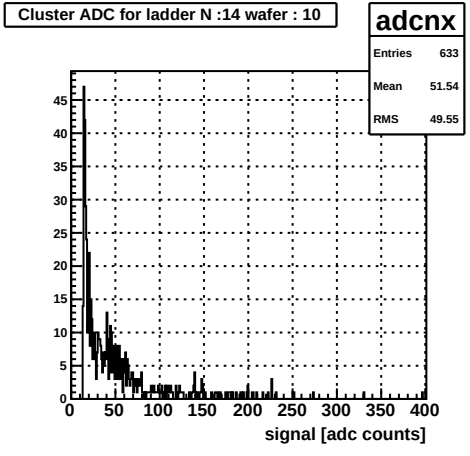

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 577
Mean 48.09
RMS 40.45
signal [adc counts]

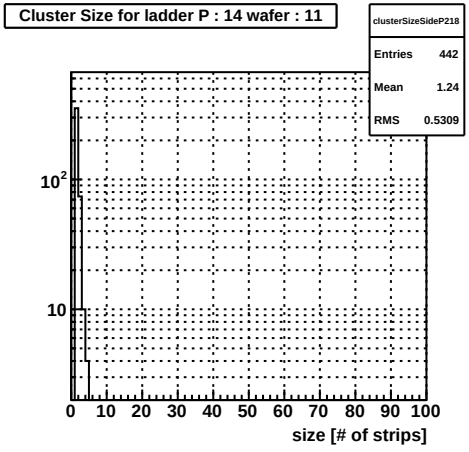

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 566
Mean 1.214
RMS 0.485
size [# of strips]

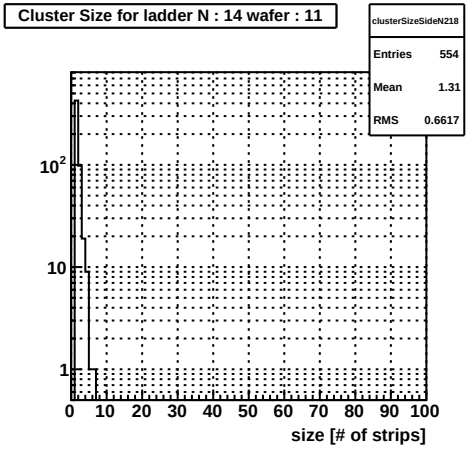

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 633
Mean 1.491
RMS 0.7564
size [# of strips]

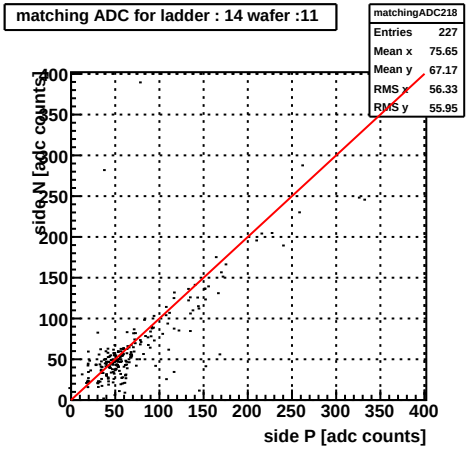

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 236
Mean x 67.28
Mean y 72.5
RMS x 54
RMS y 57.1
side N [adc counts]
side P [adc counts]

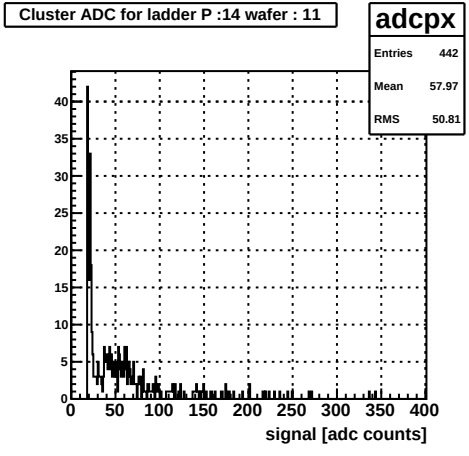

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 566
Mean 46.11
RMS 45.65
signal [adc counts]

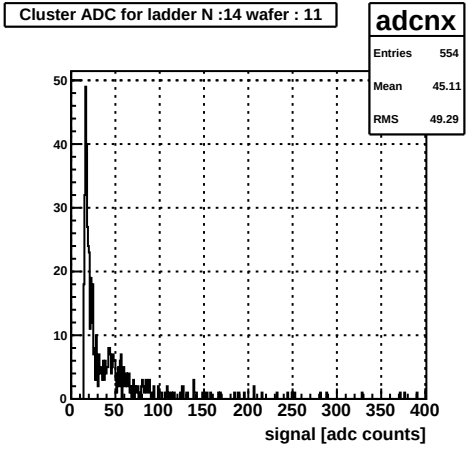

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 633
Mean 51.54
RMS 49.55
signal [adc counts]

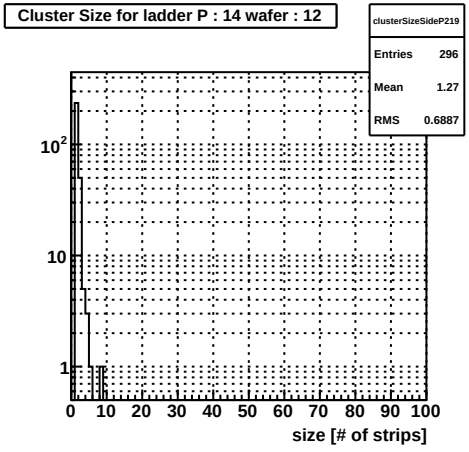

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 442
Mean 1.24
RMS 0.5309
size [# of strips]

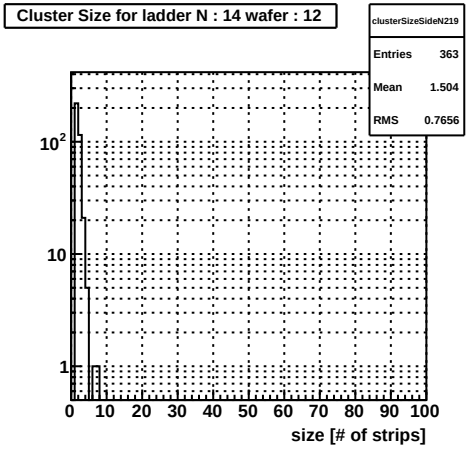

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 554
Mean 1.31
RMS 0.6617
size [# of strips]

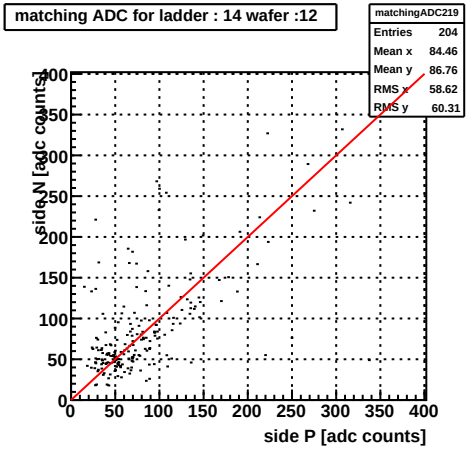

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 227
Mean x 75.65
Mean y 67.17
RMS x 56.33
RMS y 55.95
side N [adc counts]
side P [adc counts]

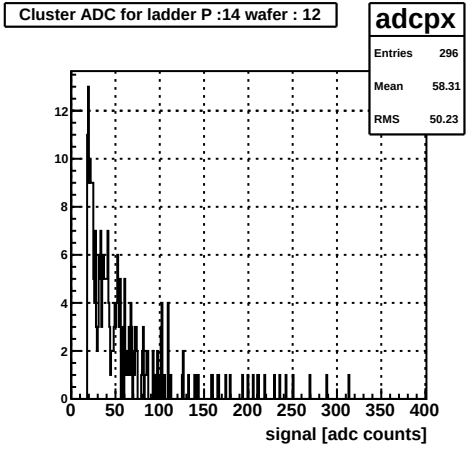

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 442
Mean 57.97
RMS 50.81
signal [adc counts]

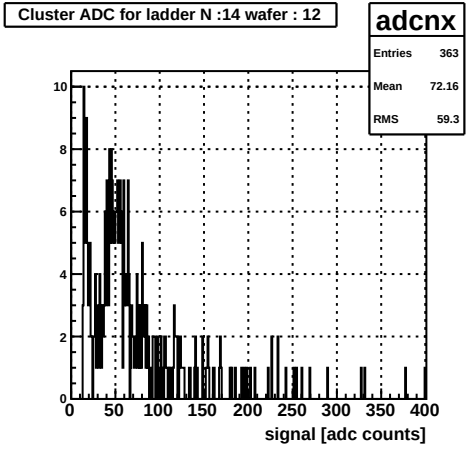

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 554
Mean 45.11
RMS 49.29
signal [adc counts]

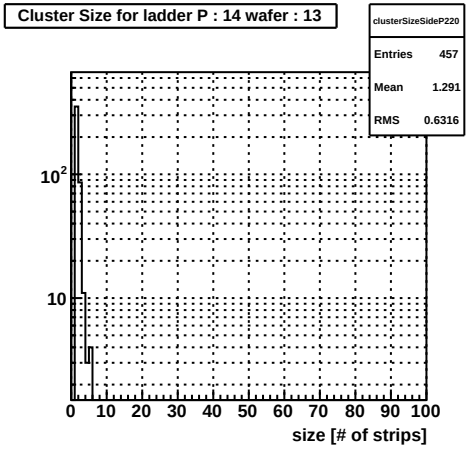

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 296
Mean 1.27
RMS 0.6887
size [# of strips]

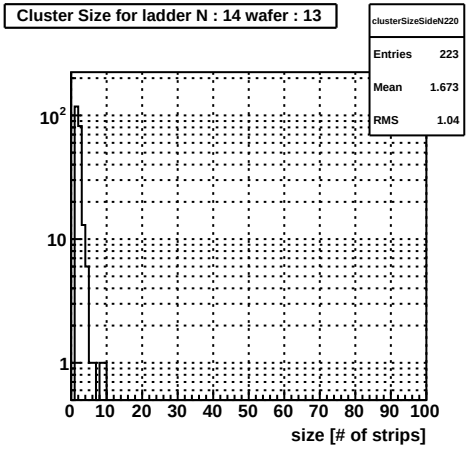

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 363
Mean 1.504
RMS 0.7656
size [# of strips]

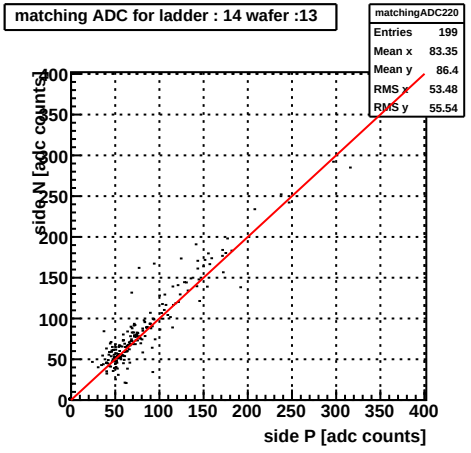

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 204
Mean x 84.46
Mean y 86.76
RMS x 58.62
RMS y 60.31
side N [adc counts]
side P [adc counts]

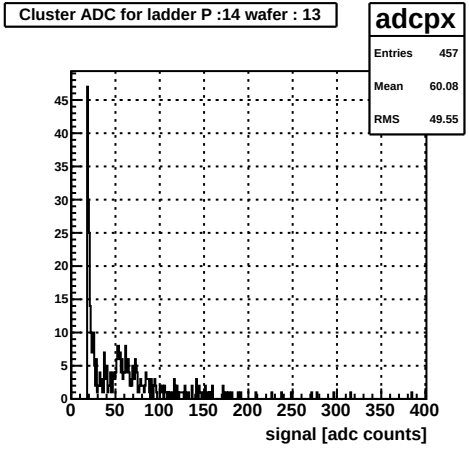

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 296
Mean 58.31
RMS 50.23
signal [adc counts]

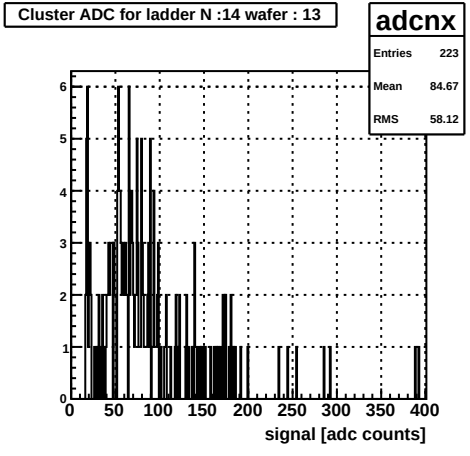

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 363
Mean 72.16
RMS 59.3
signal [adc counts]

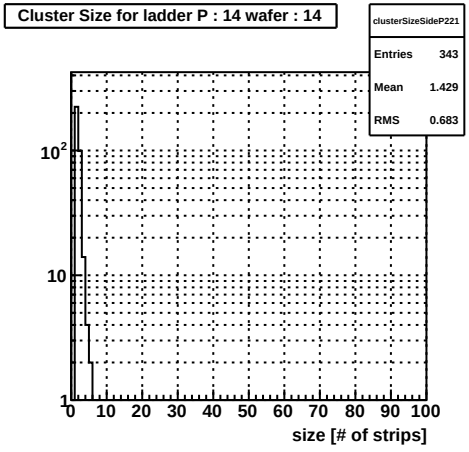

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 457
Mean 1.291
RMS 0.6316
size [# of strips]

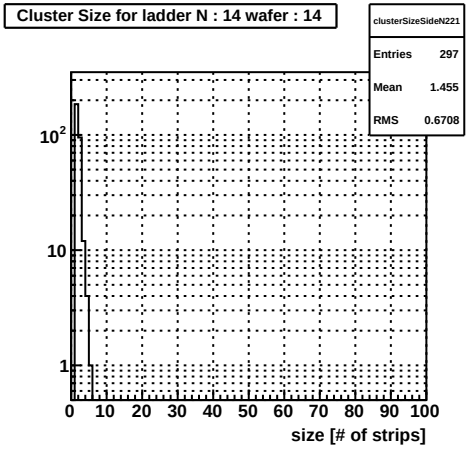

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 223
Mean 1.673
RMS 1.04
size [# of strips]

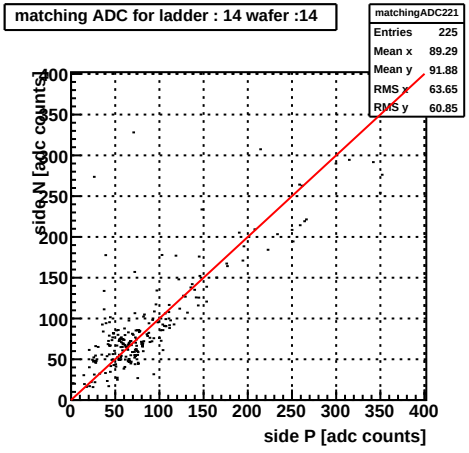

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 199
Mean x 83.35
Mean y 86.4
RMS x 53.48
RMS y 55.54
side N [adc counts]
side P [adc counts]

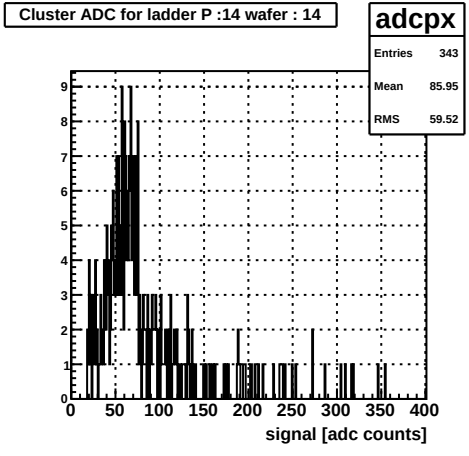

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 457
Mean 60.08
RMS 49.55
signal [adc counts]

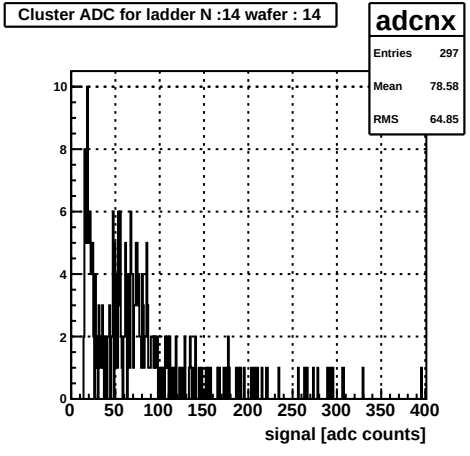

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 223
Mean 84.67
RMS 58.12
signal [adc counts]

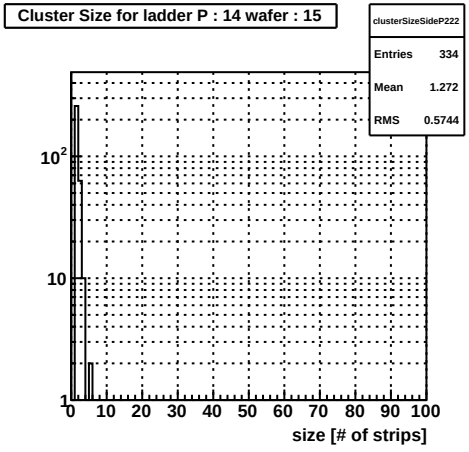

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 343
Mean 1.429
RMS 0.683
size [# of strips]

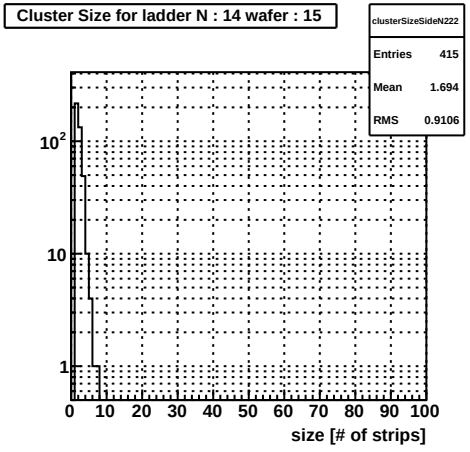

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 297
Mean 1.455
RMS 0.6708
size [# of strips]

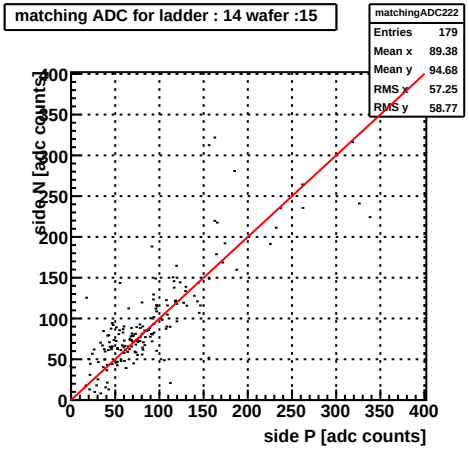

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 225
Mean x 89.29
Mean y 91.88
RMS x 63.65
RMS y 60.85
side N [adc counts]
side P [adc counts]

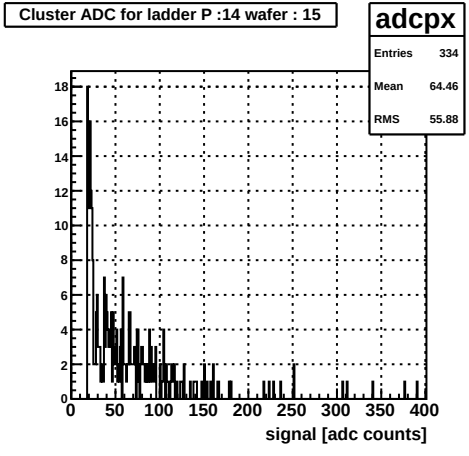

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 343
Mean 85.95
RMS 59.52
signal [adc counts]

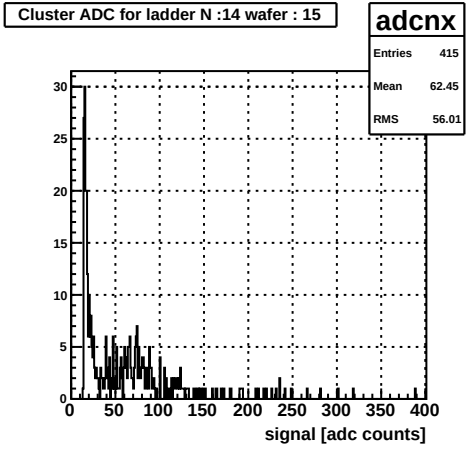

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 297
Mean 78.58
RMS 64.85
signal [adc counts]

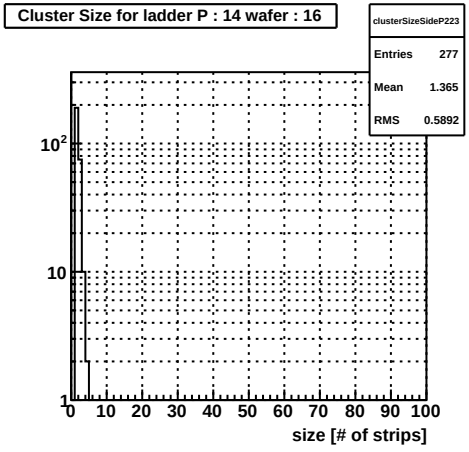

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 334
Mean 1.272
RMS 0.5744
size [# of strips]

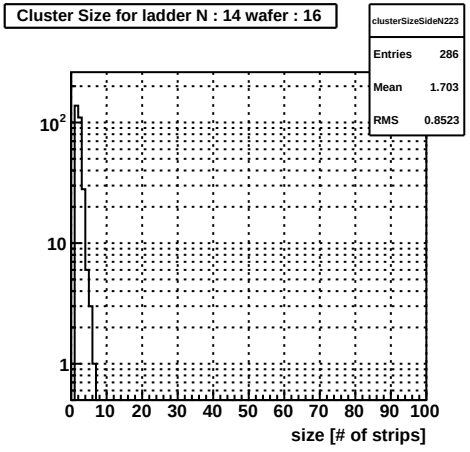

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 415
Mean 1.694
RMS 0.9106
size [# of strips]

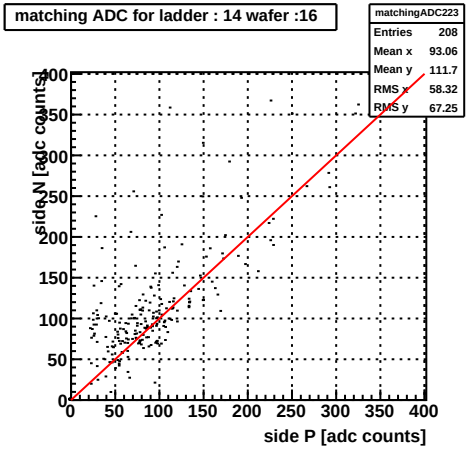

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 179
Mean x 89.38
Mean y 94.68
RMS x 57.25
RMS y 58.77
side N [adc counts]
side P [adc counts]

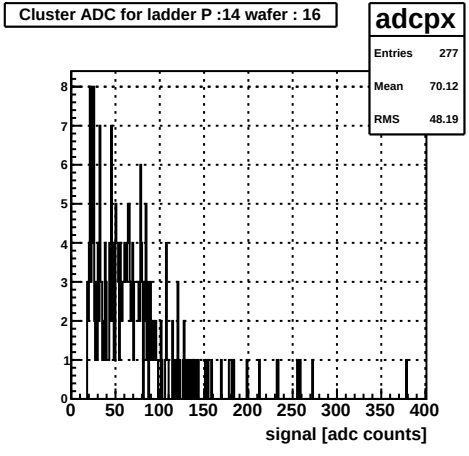

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 334
Mean 64.46
RMS 55.88
signal [adc counts]

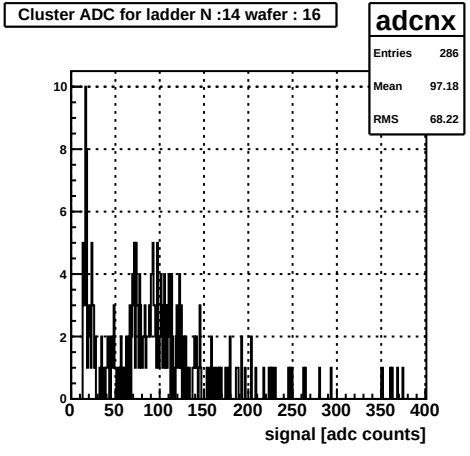

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 415
Mean 62.45
RMS 56.01
signal [adc counts]

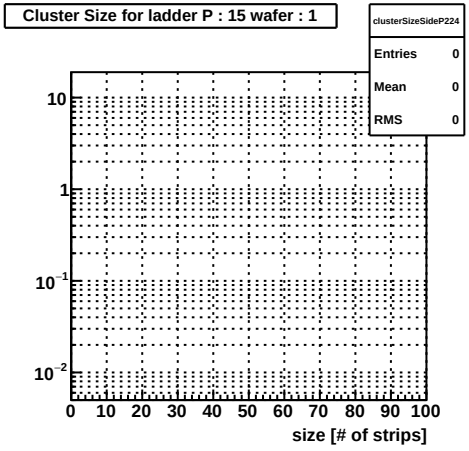

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 277
Mean 1.365
RMS 0.5892
size [# of strips]

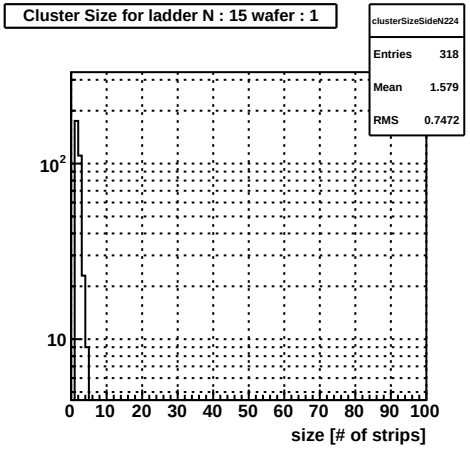

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 286
Mean 1.703
RMS 0.8523
size [# of strips]

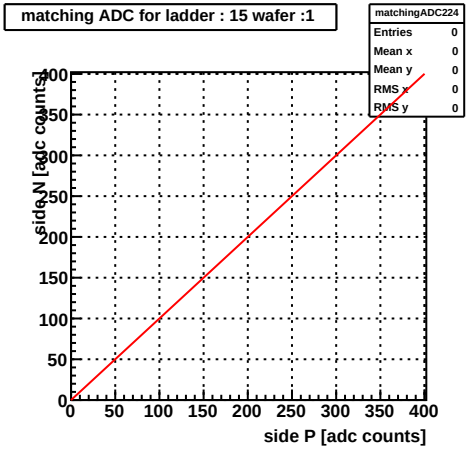

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 208
Mean x 93.06
Mean y 111.7
RMS x 58.32
RMS y 67.25
side N [adc counts]
side P [adc counts]

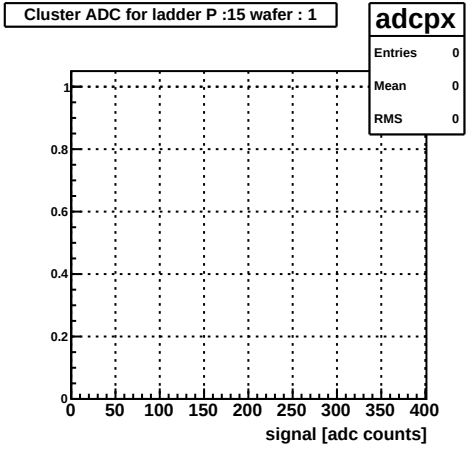

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 277
Mean 70.12
RMS 48.19
signal [adc counts]

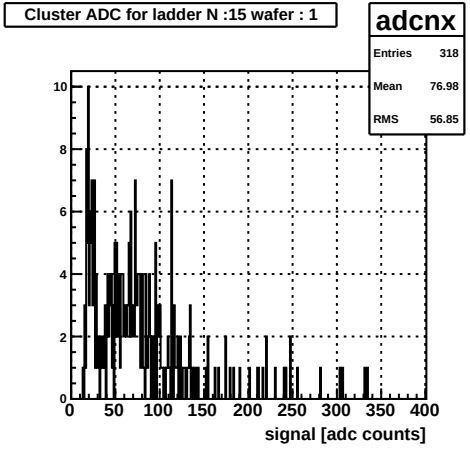

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 286
Mean 97.18
RMS 68.22
signal [adc counts]

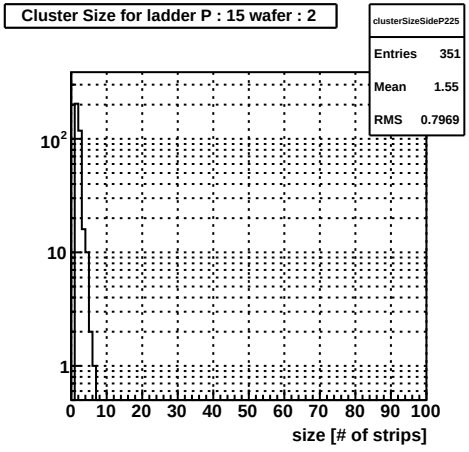

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

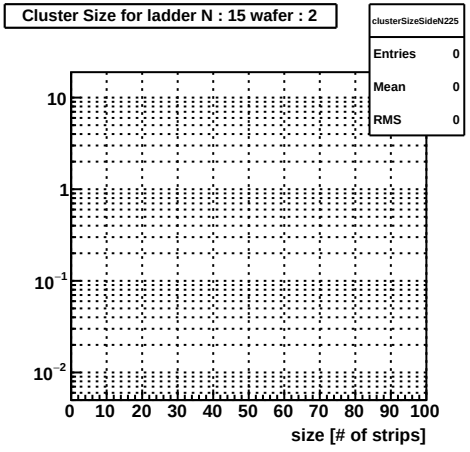

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 318
Mean 1.579
RMS 0.7472
size [# of strips]

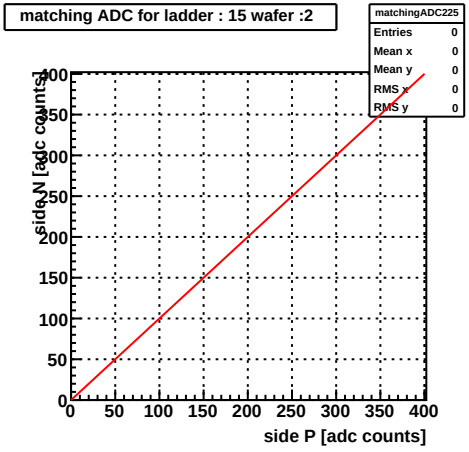

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

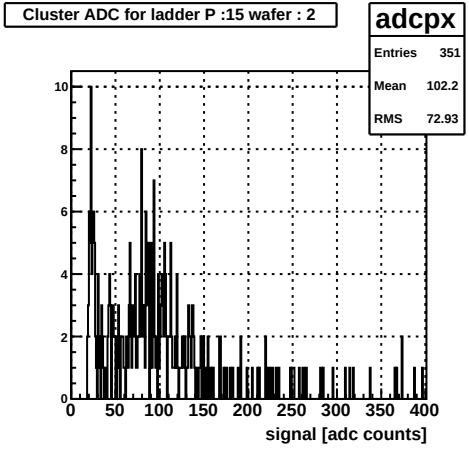

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

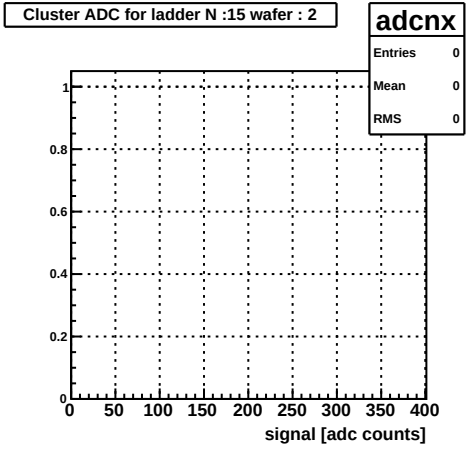

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 318
Mean 76.98
RMS 56.85
signal [adc counts]

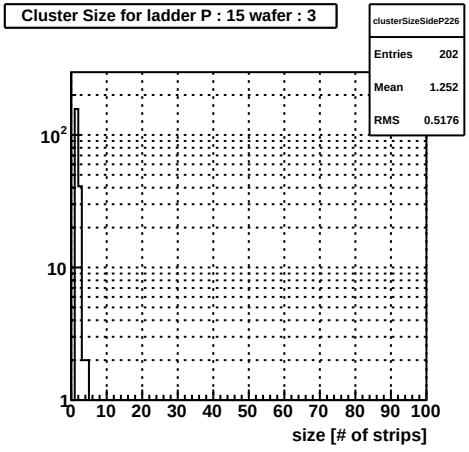

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 351
Mean 1.55
RMS 0.7969
size [# of strips]

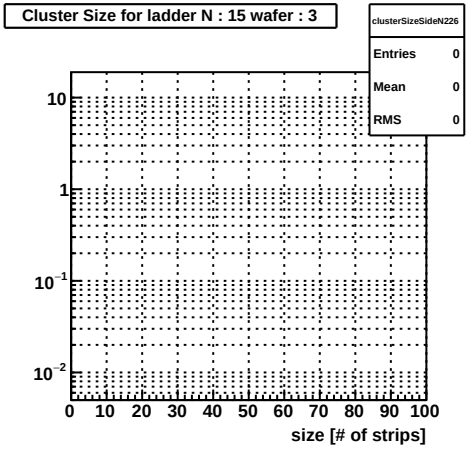

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

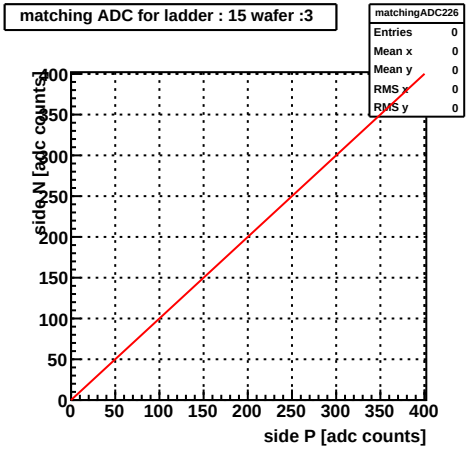

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

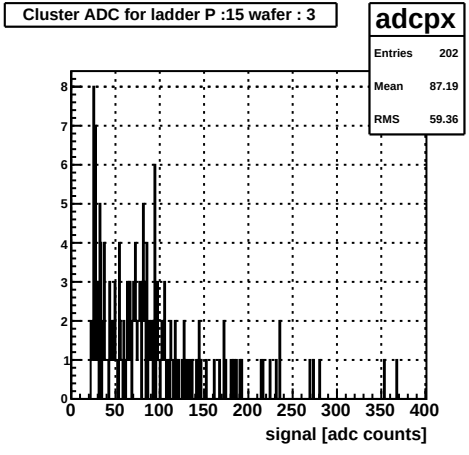

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 351
Mean 102.2
RMS 72.93
signal [adc counts]

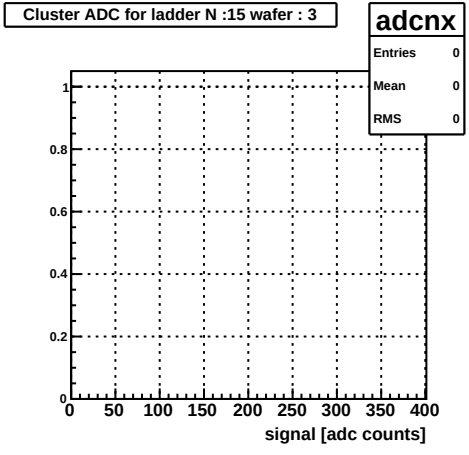

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

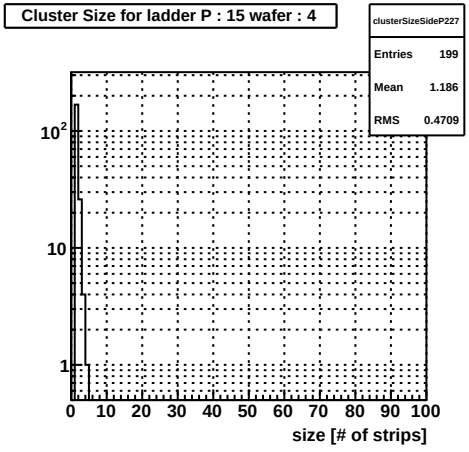

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 202
Mean 1.252
RMS 0.5176
size [# of strips]

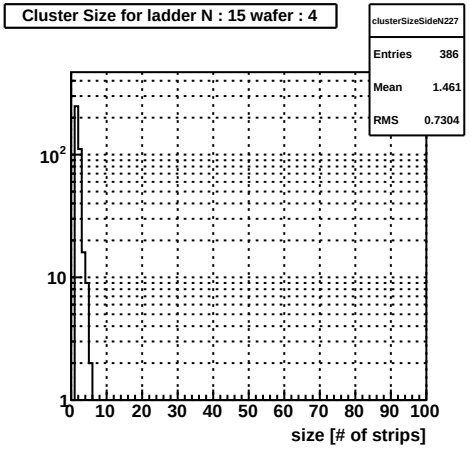

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

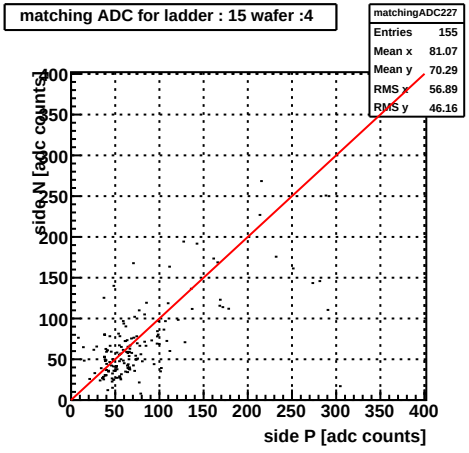

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

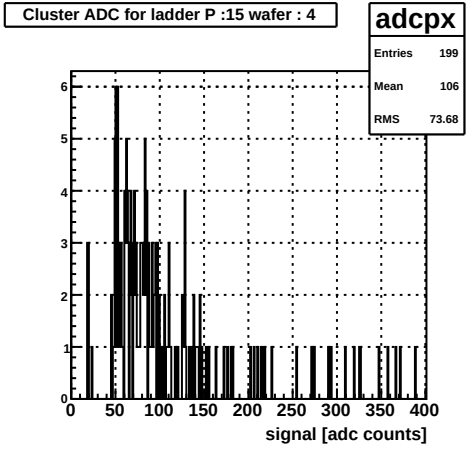

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 202
Mean 87.19
RMS 59.36
signal [adc counts]

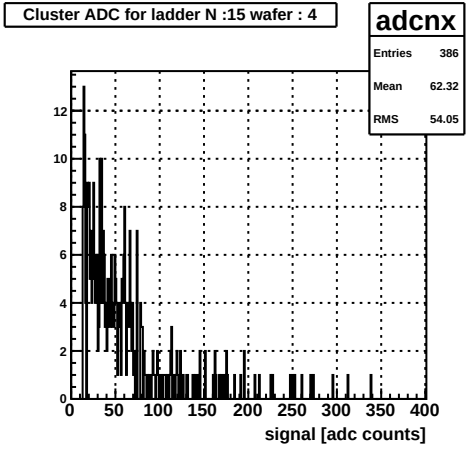

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

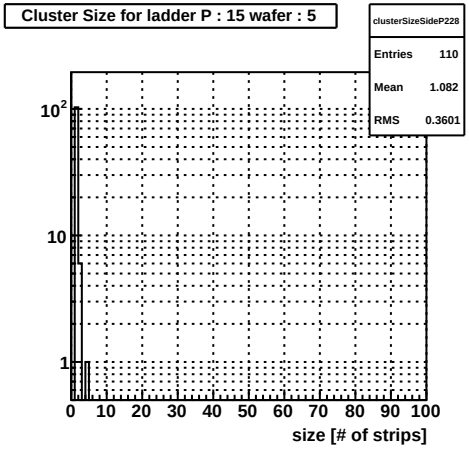

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 199
Mean 1.186
RMS 0.4709
size [# of strips]

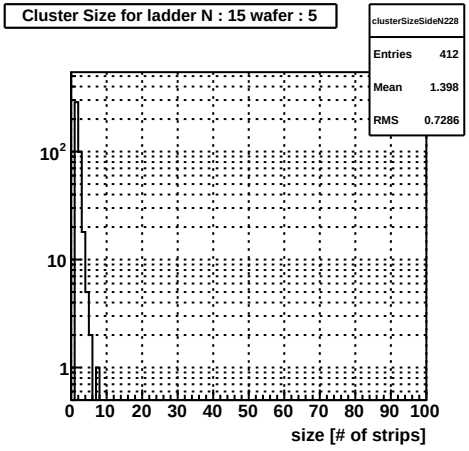

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 386
Mean 1.461
RMS 0.7304
size [# of strips]

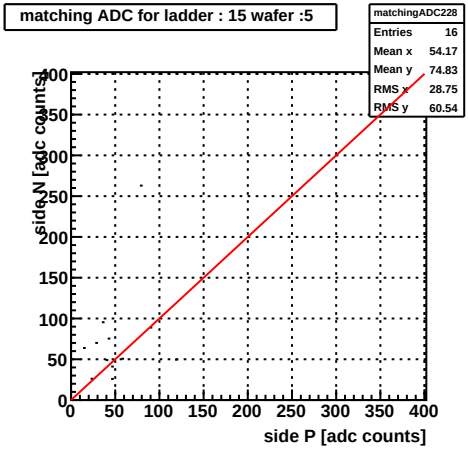

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 155
Mean x 81.07
Mean y 70.29
RMS x 56.89
RMS y 46.16
side N [adc counts]
side P [adc counts]

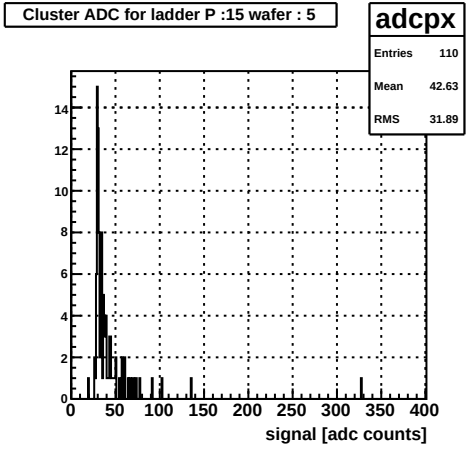

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 199
Mean 106
RMS 73.68
signal [adc counts]

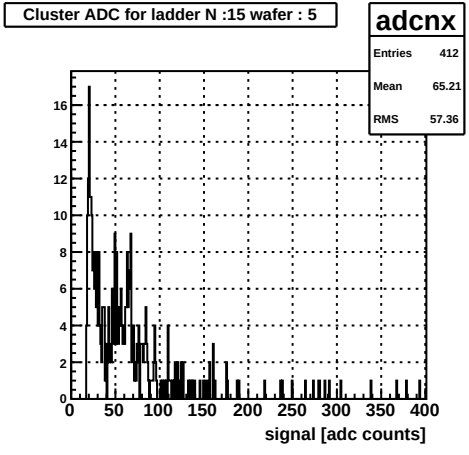

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 386
Mean 62.32
RMS 54.05
signal [adc counts]

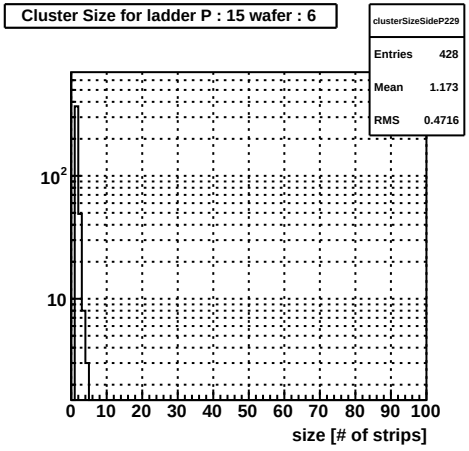

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 110
Mean 1.082
RMS 0.3601
size [# of strips]

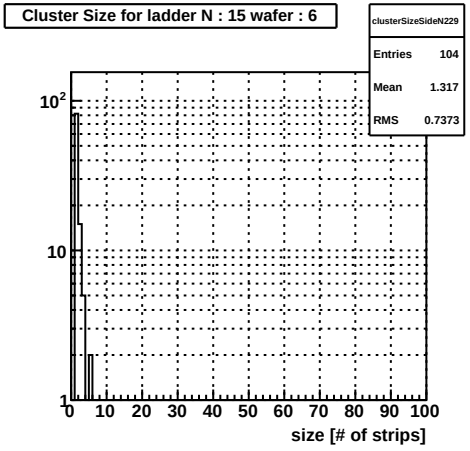

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 412
Mean 1.398
RMS 0.7286
size [# of strips]

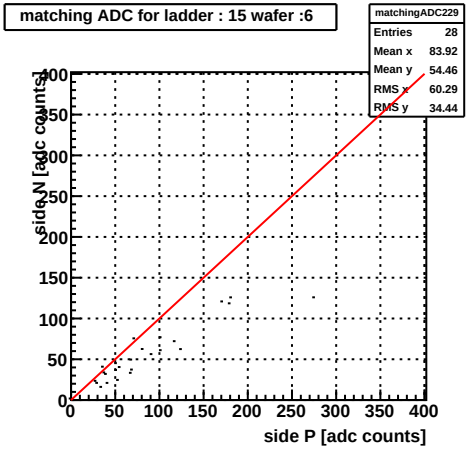

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 16
Mean x 54.17
Mean y 74.83
RMS x 28.75
RMS y 60.54
side N [adc counts]
side P [adc counts]

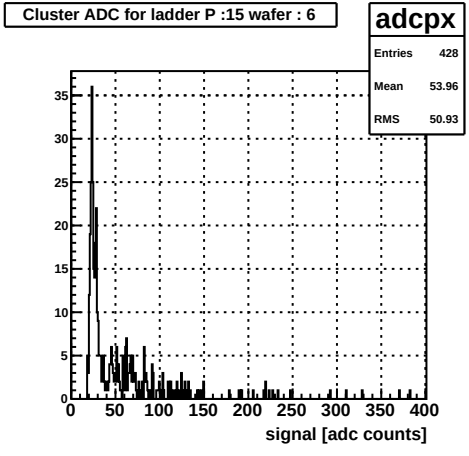

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 110
Mean 42.63
RMS 31.89
signal [adc counts]

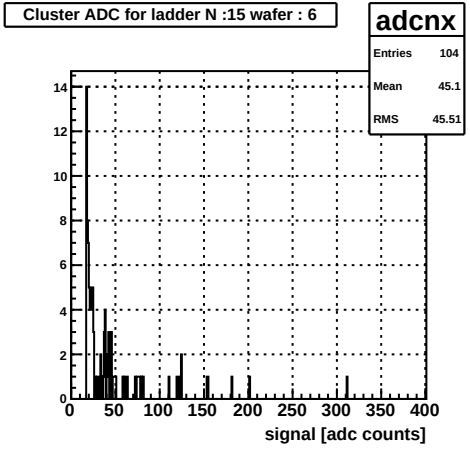

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 412
Mean 65.21
RMS 57.36
signal [adc counts]

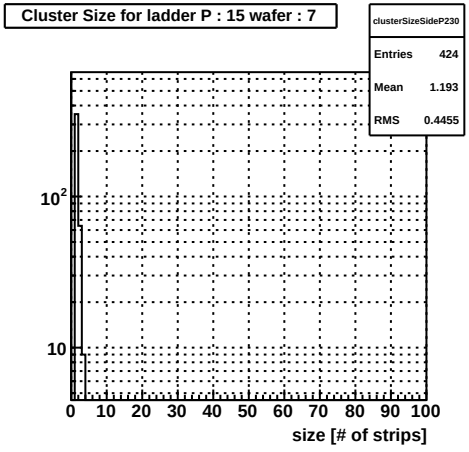

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 428
Mean 1.173
RMS 0.4716
size [# of strips]

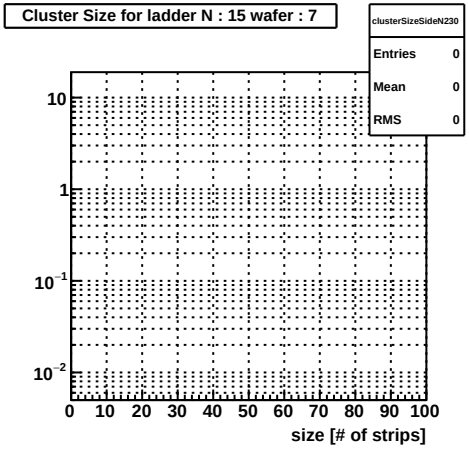

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 104
Mean 1.317
RMS 0.7373
size [# of strips]

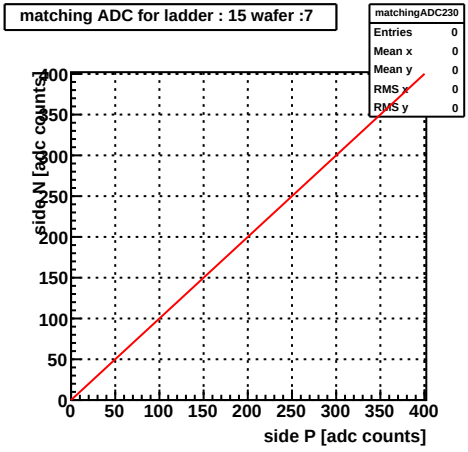

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 28
Mean x 83.92
Mean y 54.46
RMS x 60.29
RMS y 34.44
side N [adc counts]
side P [adc counts]

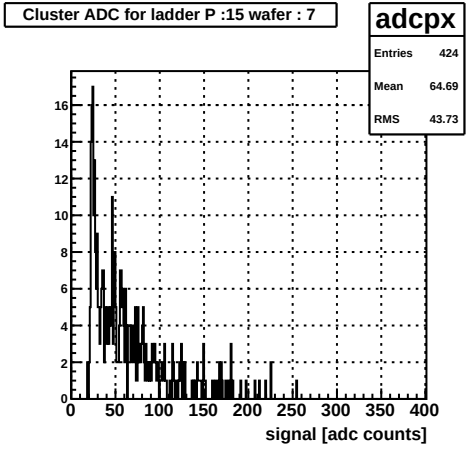

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 428
Mean 53.96
RMS 50.93
signal [adc counts]

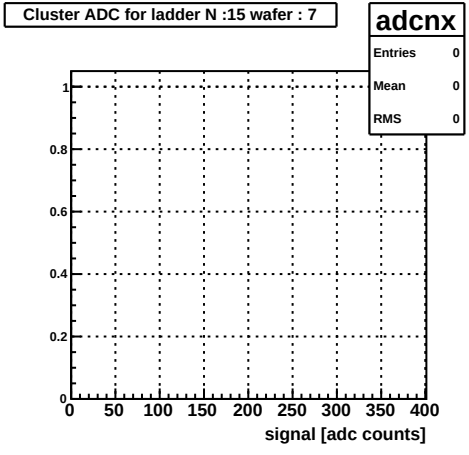

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 104
Mean 45.1
RMS 45.51
signal [adc counts]

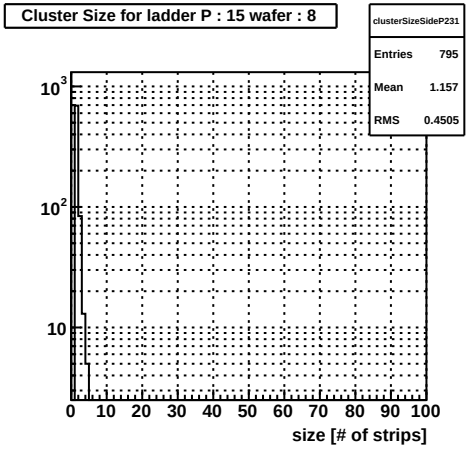

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 424
Mean 1.193
RMS 0.4455
size [# of strips]

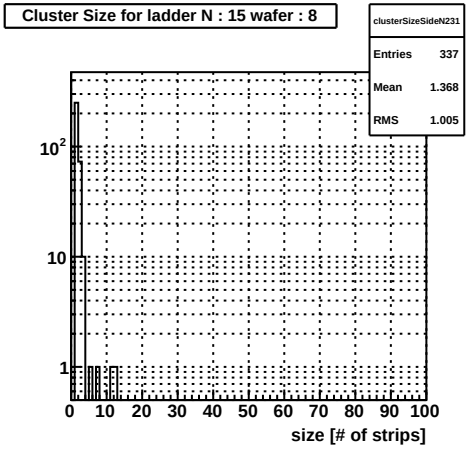

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

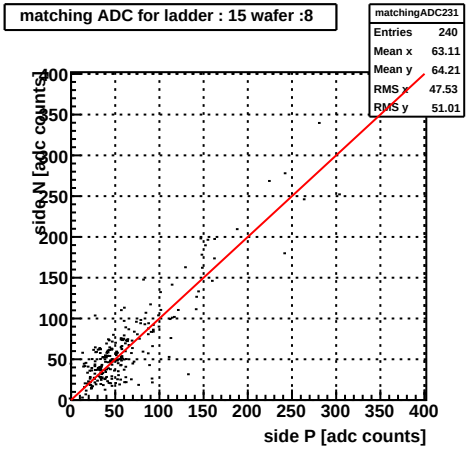

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

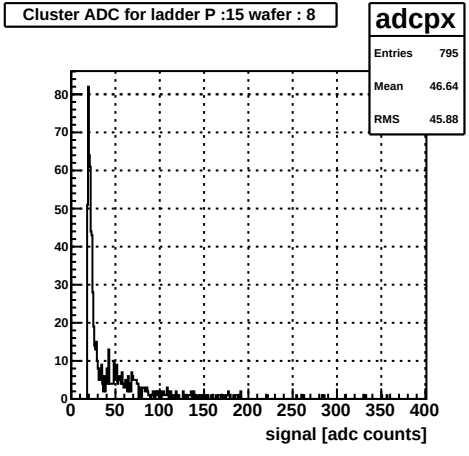

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 424
Mean 64.69
RMS 43.73
signal [adc counts]

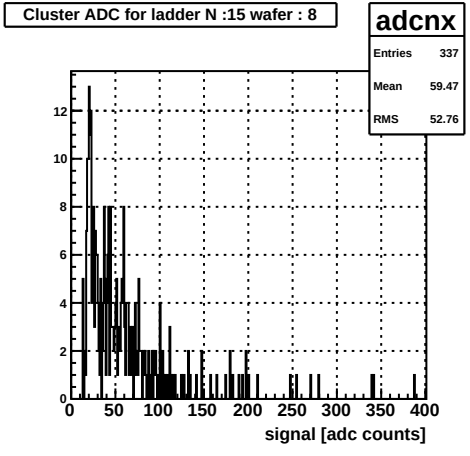

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

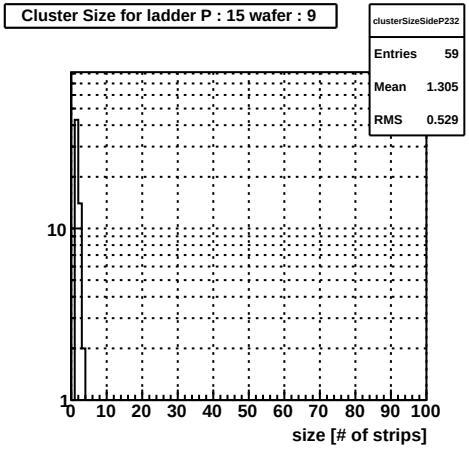

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 795
Mean 1.157
RMS 0.4505
size [# of strips]

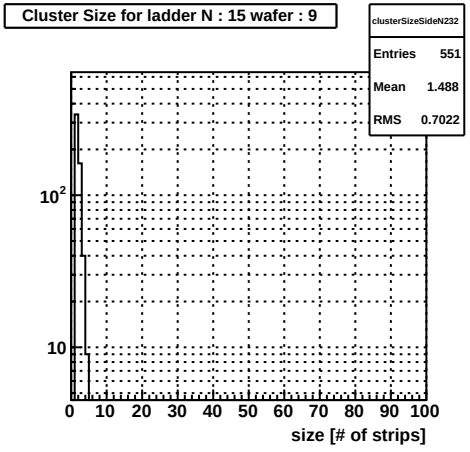

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 337
Mean 1.368
RMS 1.005
size [# of strips]

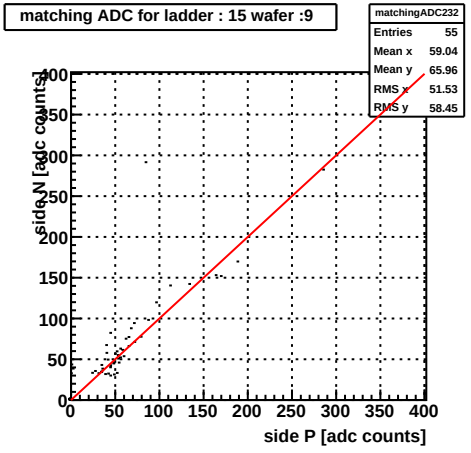

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 240
Mean x 63.11
Mean y 64.21
RMS x 47.53
RMS y 51.01
side N [adc counts]
side P [adc counts]

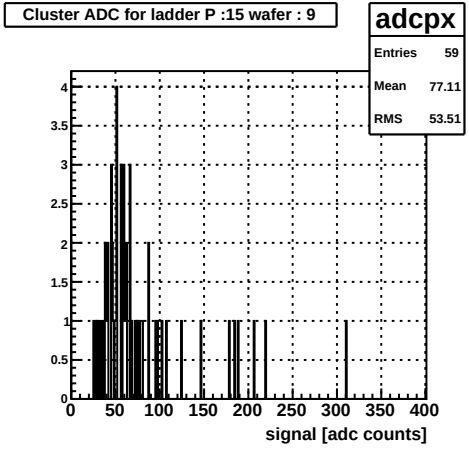

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 795
Mean 46.64
RMS 45.88
signal [adc counts]

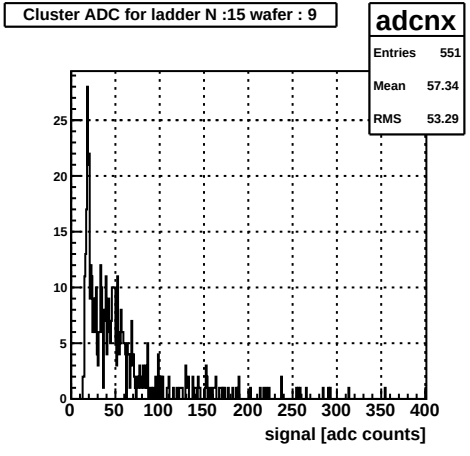

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 337
Mean 59.47
RMS 52.76
signal [adc counts]

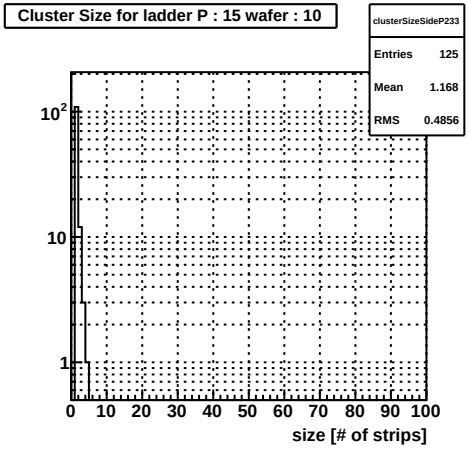

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 59
Mean 1.305
RMS 0.529
size [# of strips]

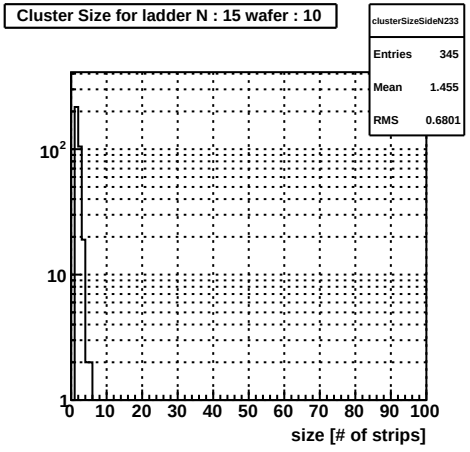

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 551
Mean 1.488
RMS 0.7022
size [# of strips]

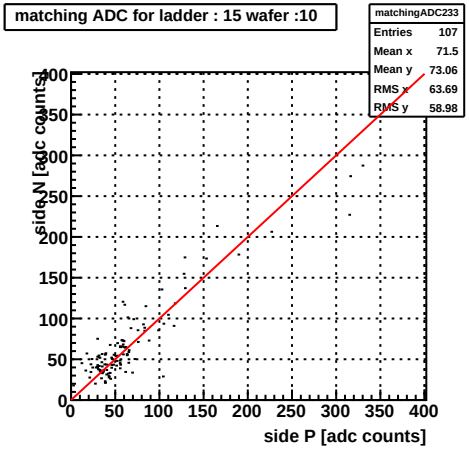

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 55
Mean x 59.04
Mean y 65.96
RMS x 51.53
RMS y 58.45
side N [adc counts]
side P [adc counts]

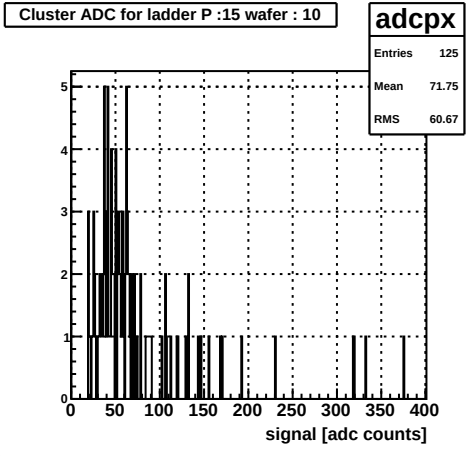

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 59
Mean 77.11
RMS 53.51
signal [adc counts]

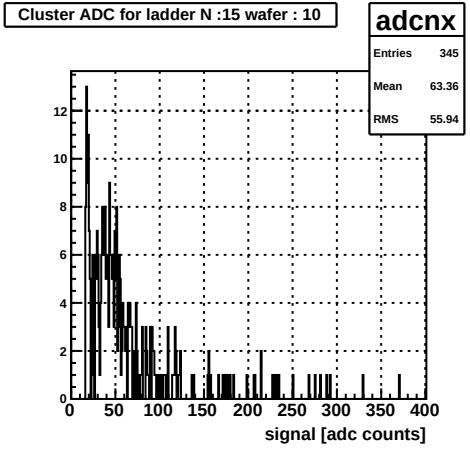

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 551
Mean 57.34
RMS 53.29
signal [adc counts]

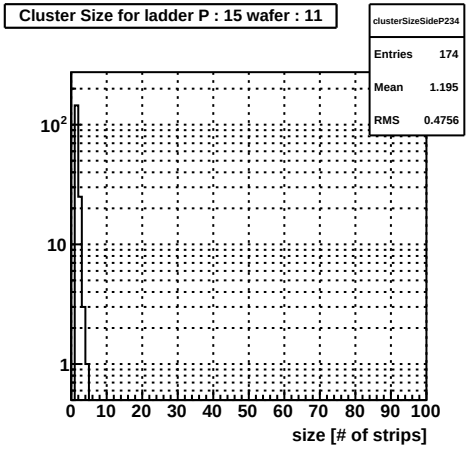

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 125
Mean 1.168
RMS 0.4856
size [# of strips]

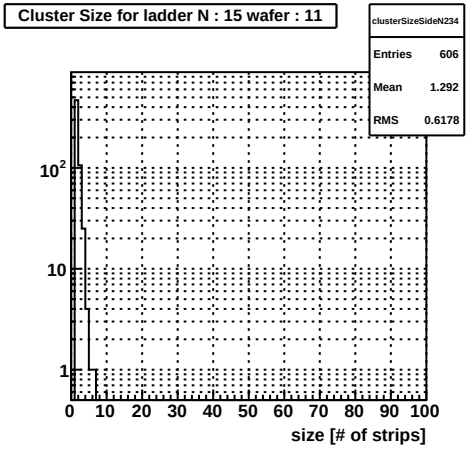

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 345
Mean 1.455
RMS 0.6801
size [# of strips]

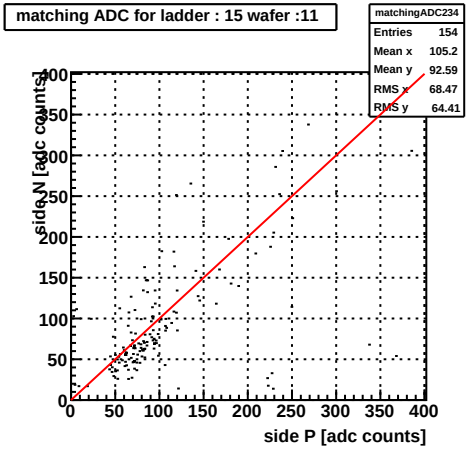

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 107
Mean x 71.5
Mean y 73.06
RMS x 63.69
RMS y 58.98
side N [adc counts]
side P [adc counts]

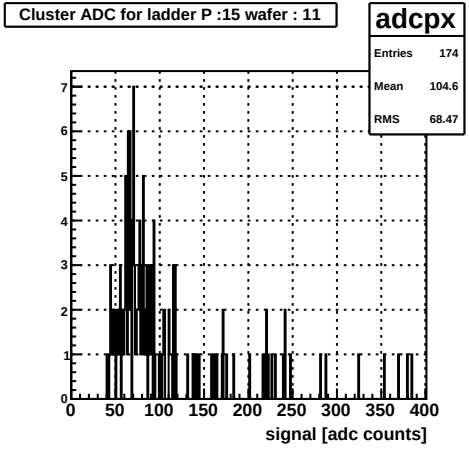

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 125
Mean 71.75
RMS 60.67
signal [adc counts]

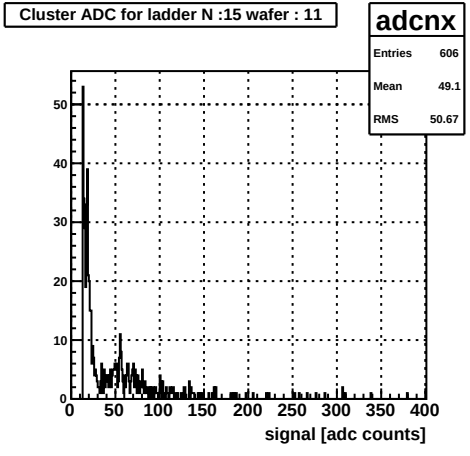

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 345
Mean 63.36
RMS 55.94
signal [adc counts]

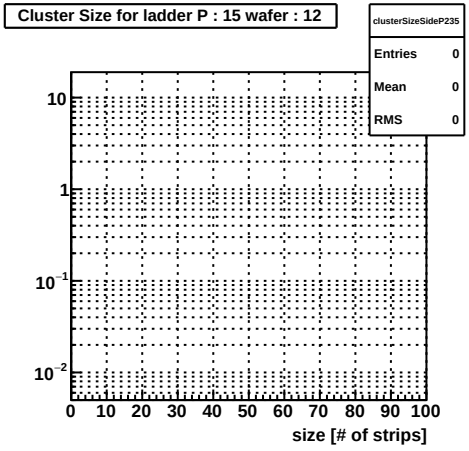

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 174
Mean 1.195
RMS 0.4756
size [# of strips]

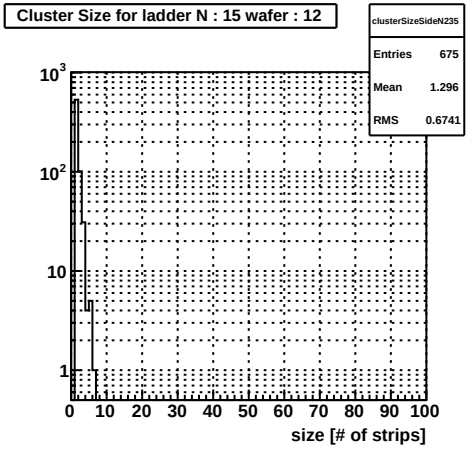

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 606
Mean 1.292
RMS 0.6178
size [# of strips]

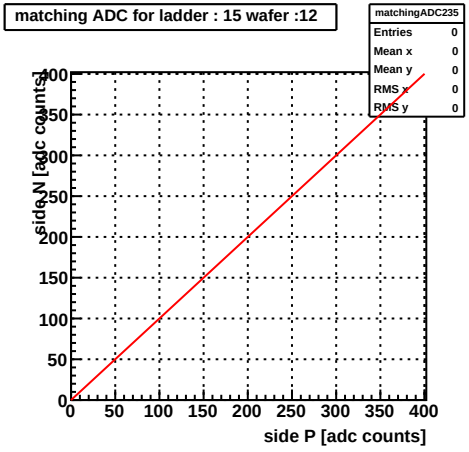

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 154
Mean x 105.2
Mean y 92.59
RMS x 68.47
RMS y 64.41
side N [adc counts]
side P [adc counts]

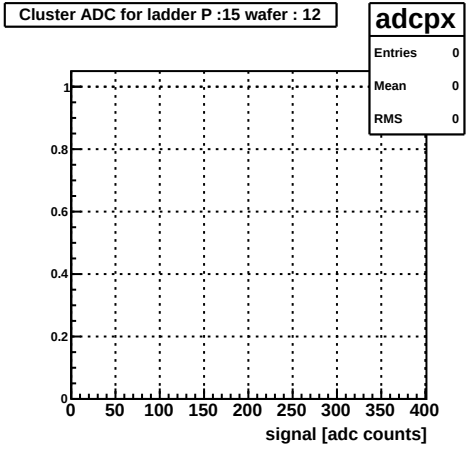

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 174
Mean 104.6
RMS 68.47
signal [adc counts]

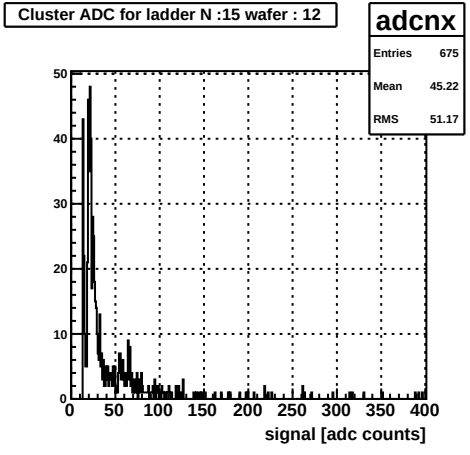

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 606
Mean 49.1
RMS 50.67
signal [adc counts]

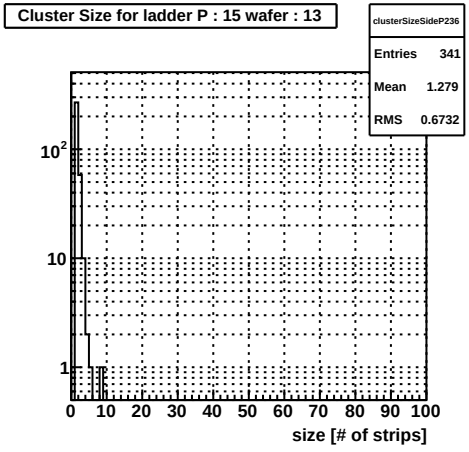

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 0
Mean 0
RMS 0
size [# of strips]

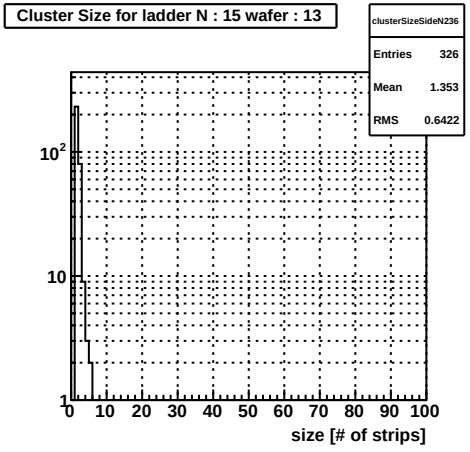

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 675
Mean 1.296
RMS 0.6741
size [# of strips]

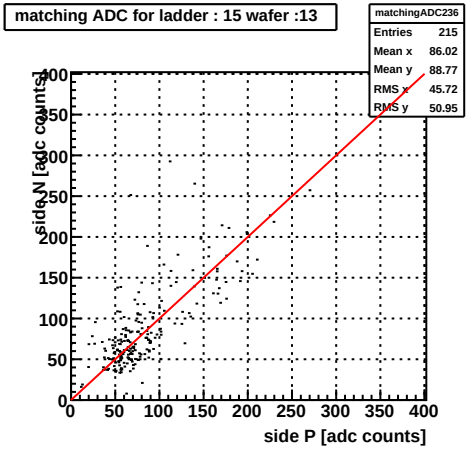

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

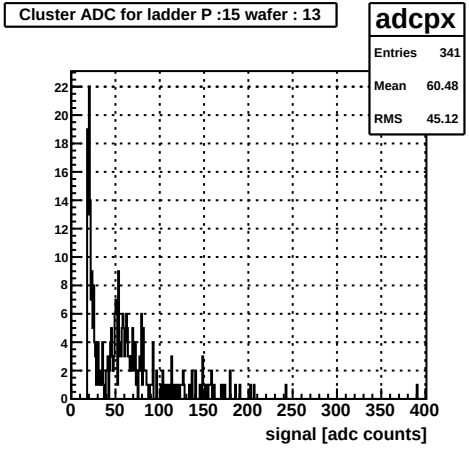

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

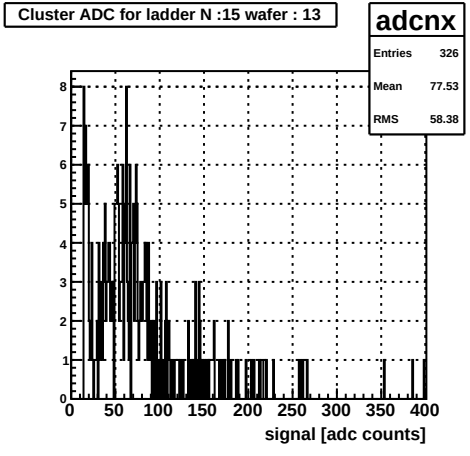

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 675
Mean 45.22
RMS 51.17
signal [adc counts]

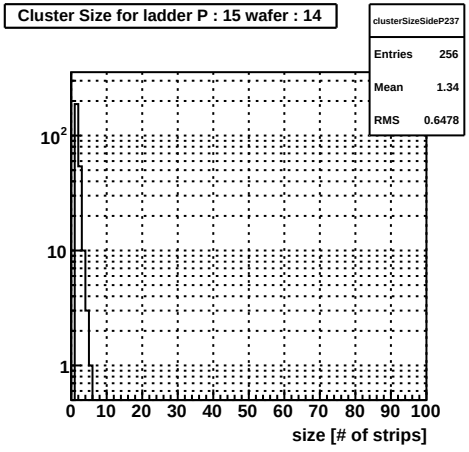

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 341
Mean 1.279
RMS 0.6732
size [# of strips]

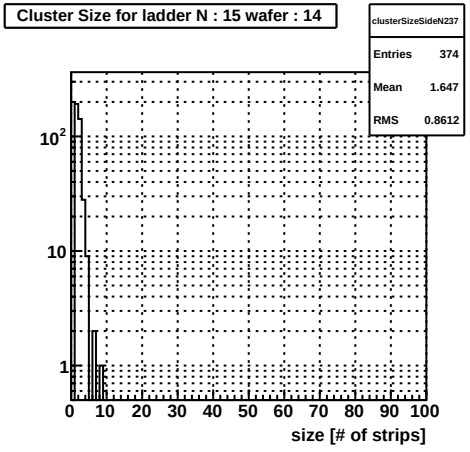

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 326
Mean 1.353
RMS 0.6422
size [# of strips]

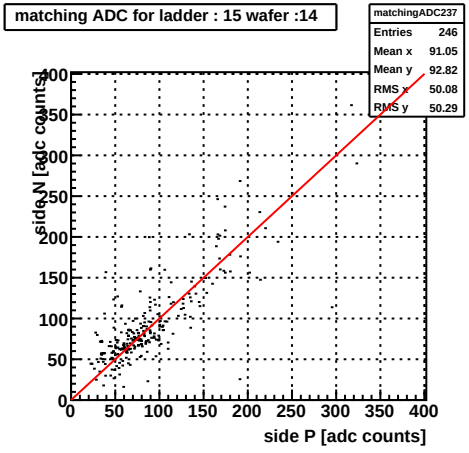

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 215
Mean x 86.02
Mean y 88.77
RMS x 45.72
RMS y 50.95
side N [adc counts]
side P [adc counts]

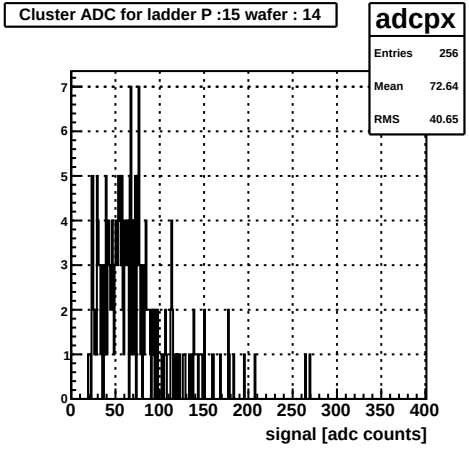

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 341
Mean 60.48
RMS 45.12
signal [adc counts]

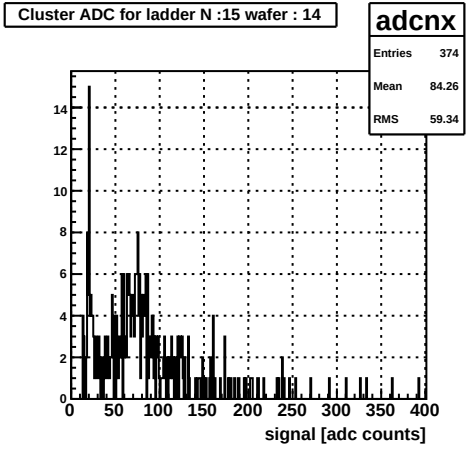

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 326
Mean 77.53
RMS 58.38
signal [adc counts]

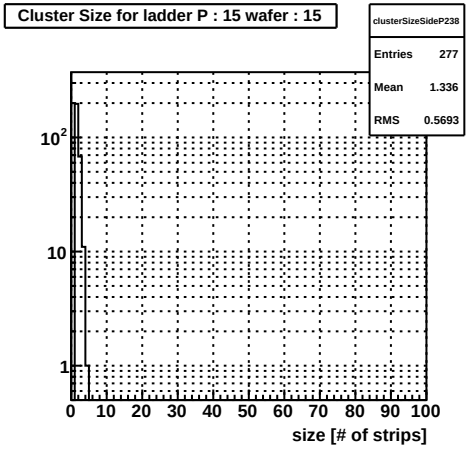

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 256
Mean 1.34
RMS 0.6478
size [# of strips]

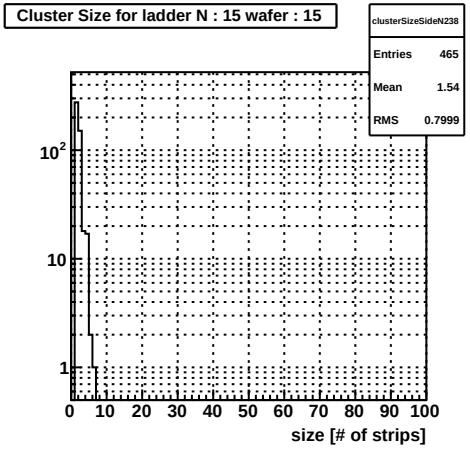

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 374
Mean 1.647
RMS 0.8612
size [# of strips]

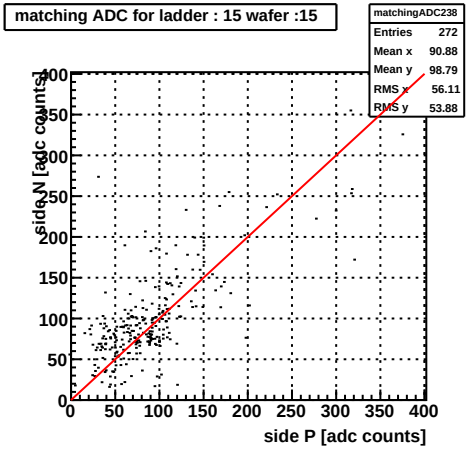

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 246
Mean x 91.05
Mean y 92.82
RMS x 50.08
RMS y 50.29
side N [adc counts]
side P [adc counts]

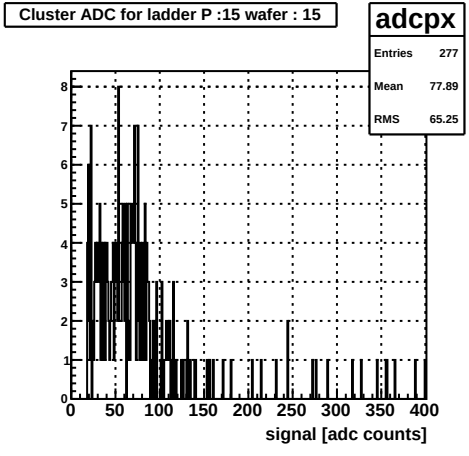

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 256
Mean 72.64
RMS 40.65
signal [adc counts]

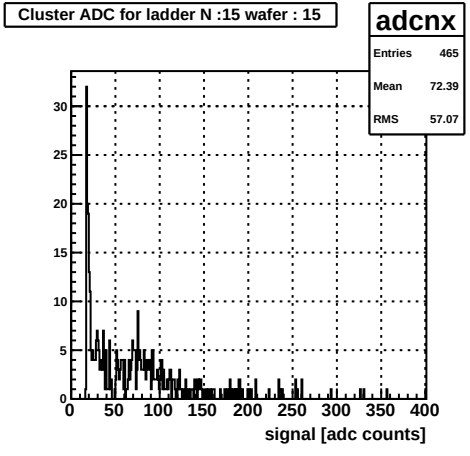

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 374
Mean 84.26
RMS 59.34
signal [adc counts]

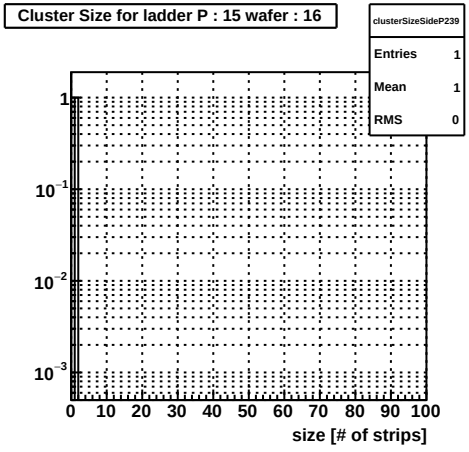

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 277
Mean 1.336
RMS 0.5693
size [# of strips]

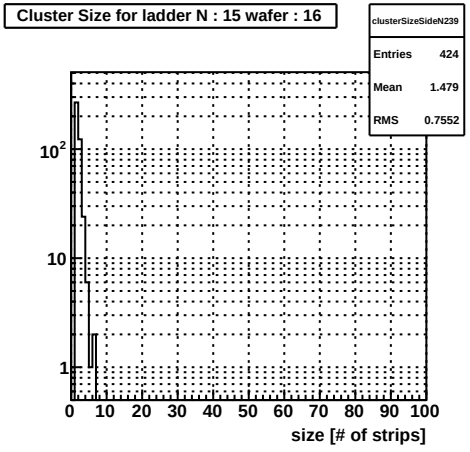

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 465
Mean 1.54
RMS 0.7999
size [# of strips]

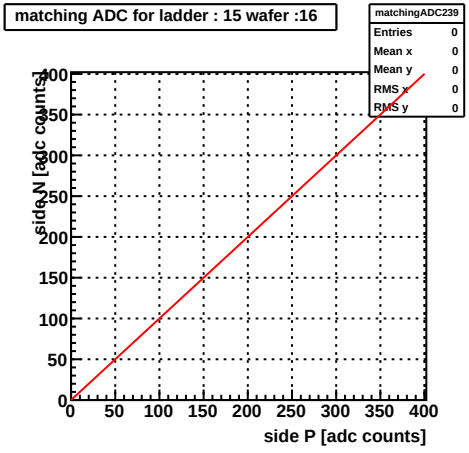

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 272
Mean x 90.88
Mean y 98.79
RMS x 56.11
RMS y 53.88
side N [adc counts]
side P [adc counts]

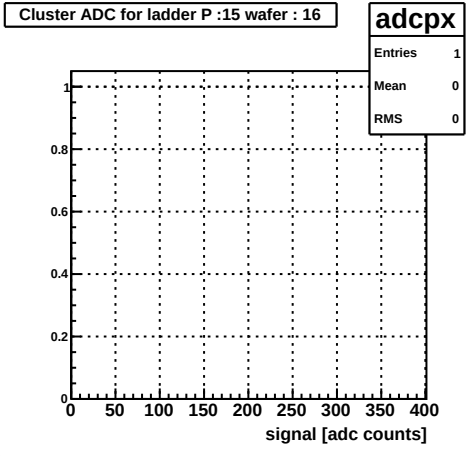

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 277
Mean 77.89
RMS 65.25
signal [adc counts]

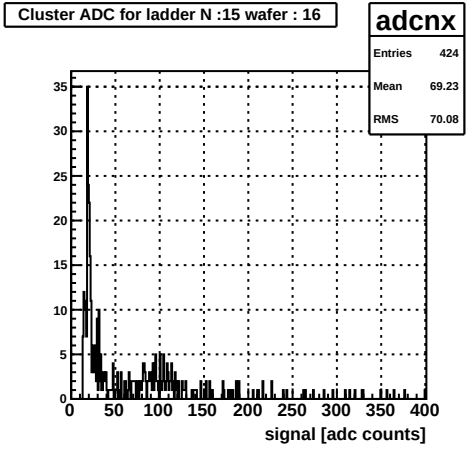

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 465
Mean 72.39
RMS 57.07
signal [adc counts]

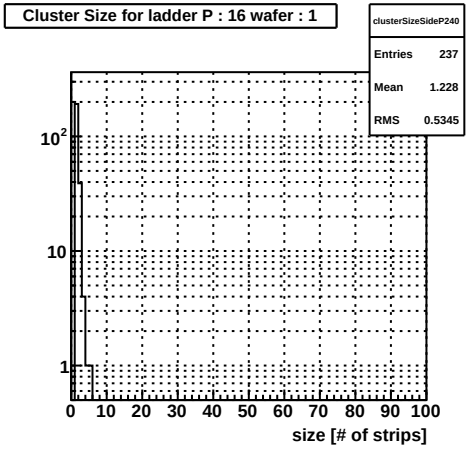

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

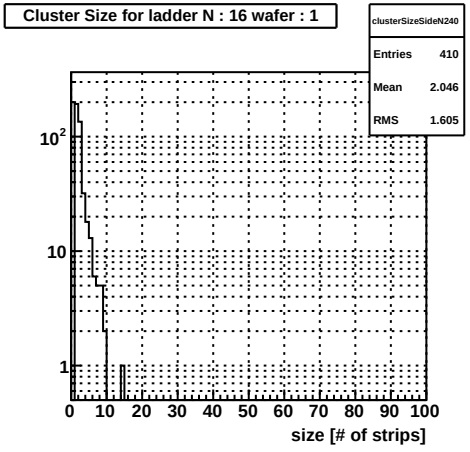

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 424
Mean 1.479
RMS 0.7552
size [# of strips]

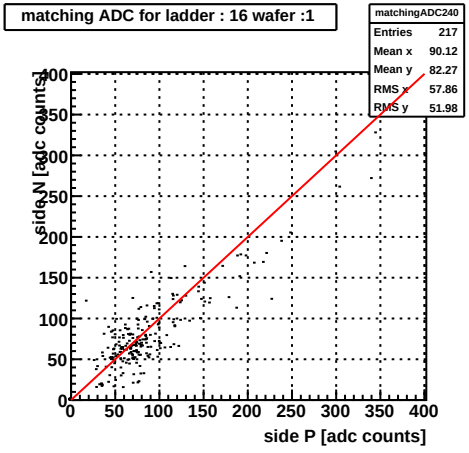

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

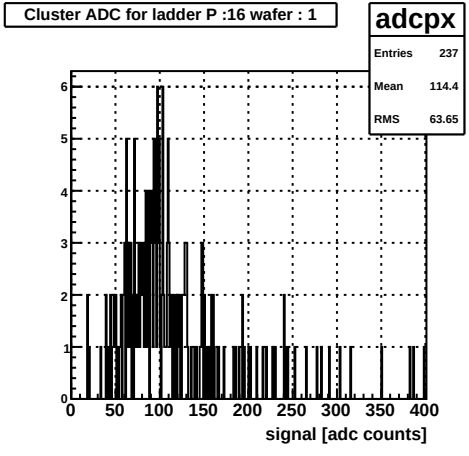

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

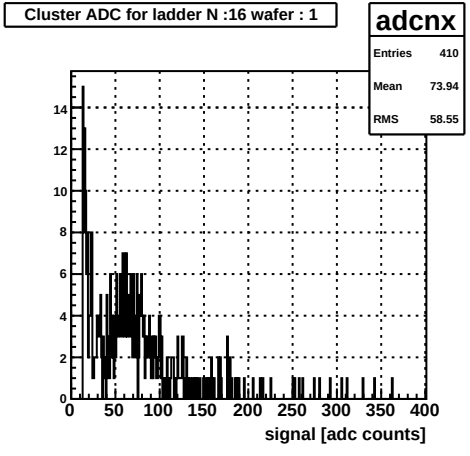

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 424
Mean 69.23
RMS 70.08
signal [adc counts]

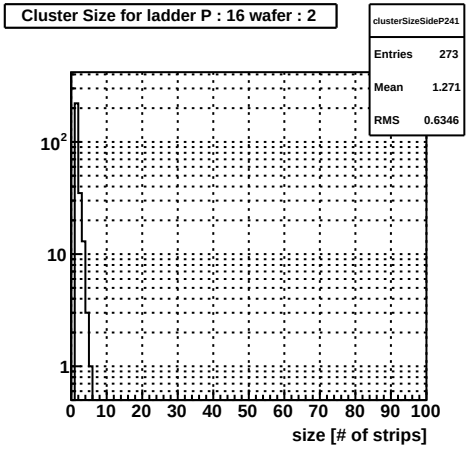

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 237
Mean 1.228
RMS 0.5345
size [# of strips]

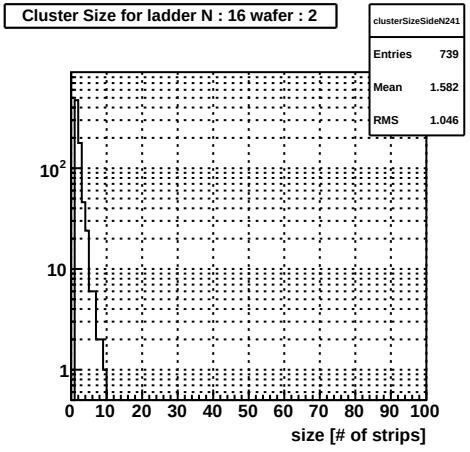

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 410
Mean 2.046
RMS 1.605
size [# of strips]

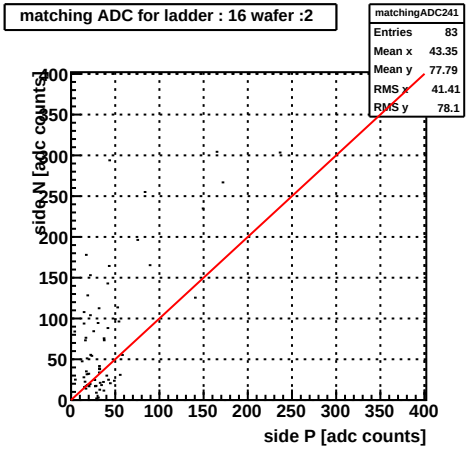

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 217
Mean x 90.12
Mean y 82.27
RMS x 57.86
RMS y 51.98
side N [adc counts]
side P [adc counts]

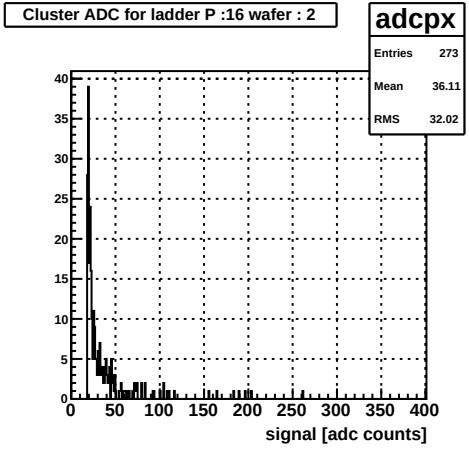

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 237
Mean 114.4
RMS 63.65
signal [adc counts]

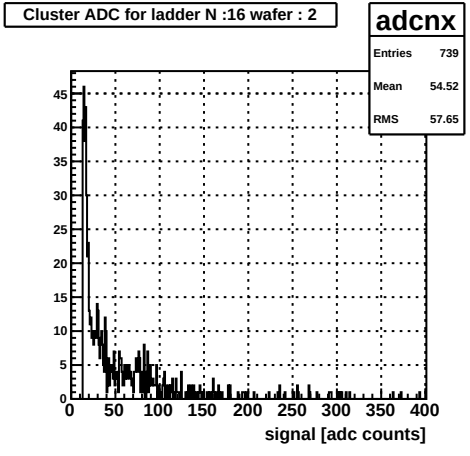

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 410
Mean 73.94
RMS 58.55
signal [adc counts]

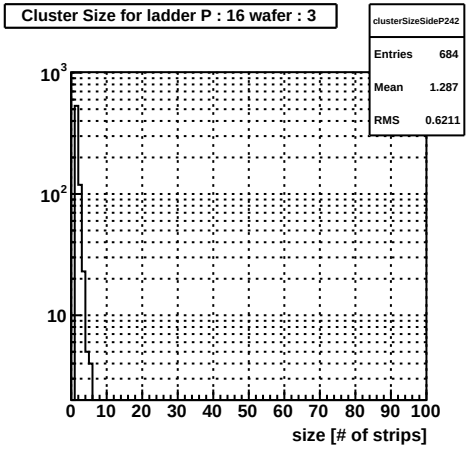

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 273
Mean 1.271
RMS 0.6346
size [# of strips]

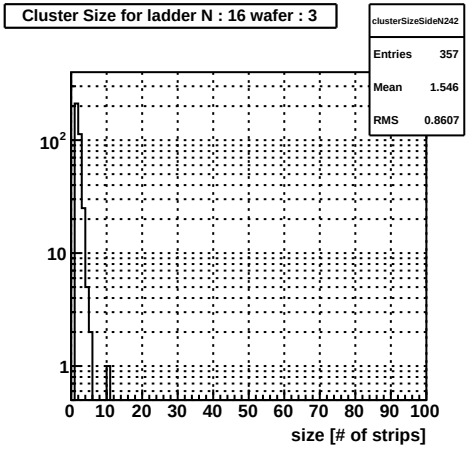

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 739
Mean 1.582
RMS 1.046
size [# of strips]

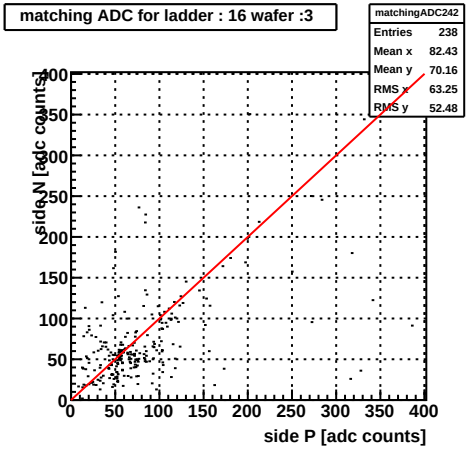

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 83
Mean x 43.35
Mean y 77.79
RMS x 41.41
RMS y 78.1
side N [adc counts]
side P [adc counts]

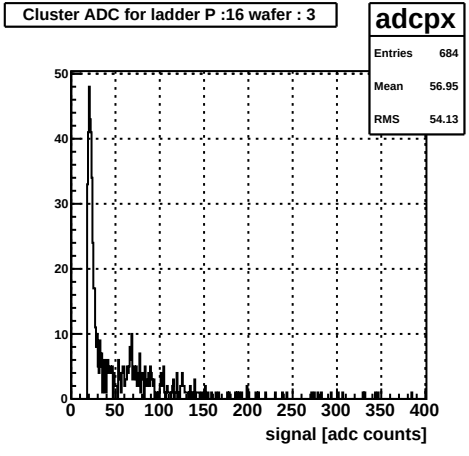

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 273
Mean 36.11
RMS 32.02
signal [adc counts]

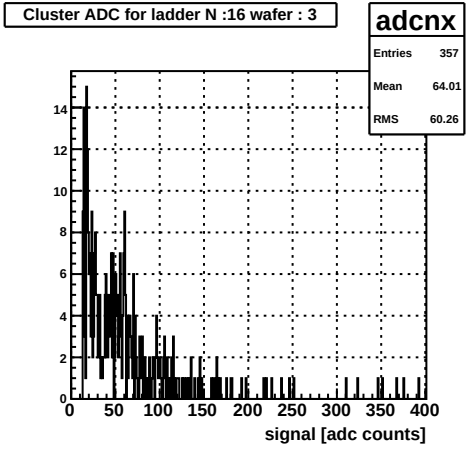

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 739
Mean 54.52
RMS 57.65
signal [adc counts]

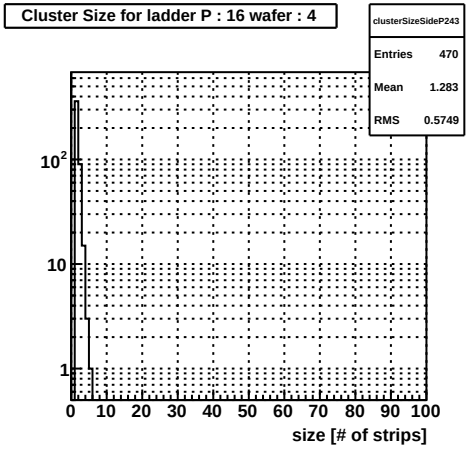

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 684
Mean 1.287
RMS 0.6211
size [# of strips]

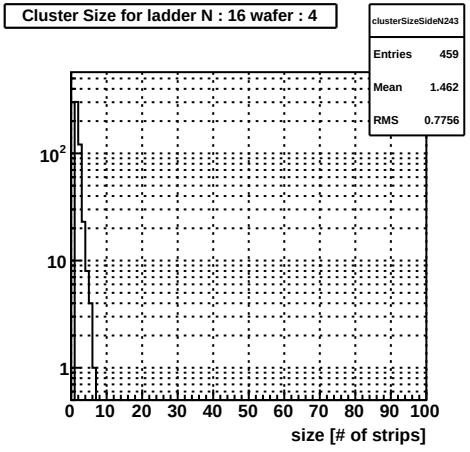

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 357
Mean 1.546
RMS 0.8607
size [# of strips]

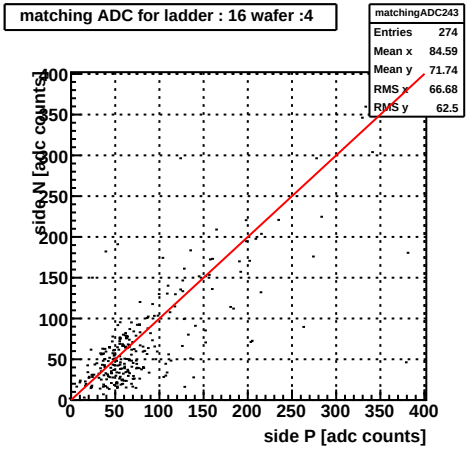

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 238
Mean x 82.43
Mean y 70.16
RMS x 63.25
RMS y 52.48
side N [adc counts]
side P [adc counts]

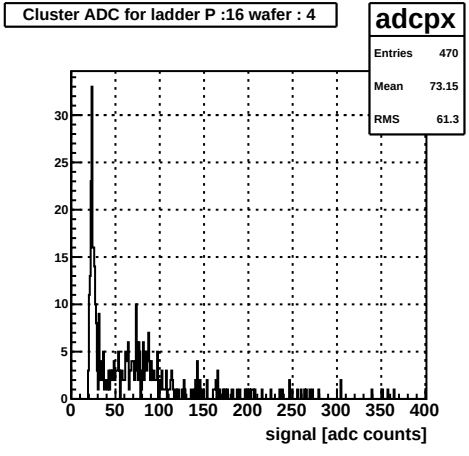

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 684
Mean 56.95
RMS 54.13
signal [adc counts]

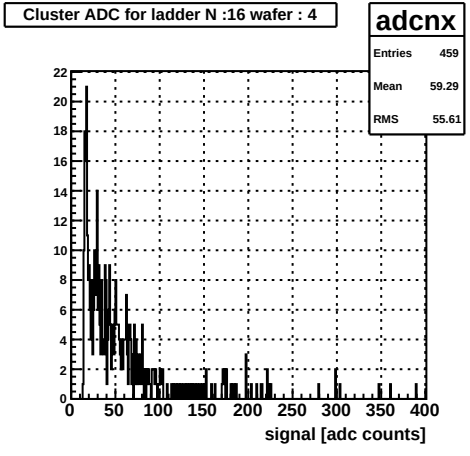

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 357
Mean 64.01
RMS 60.26
signal [adc counts]

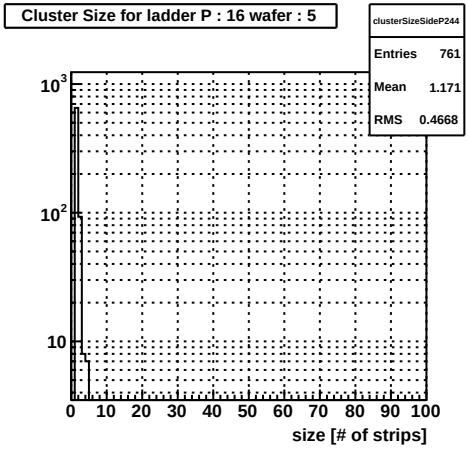

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 470
Mean 1.283
RMS 0.5749
size [# of strips]

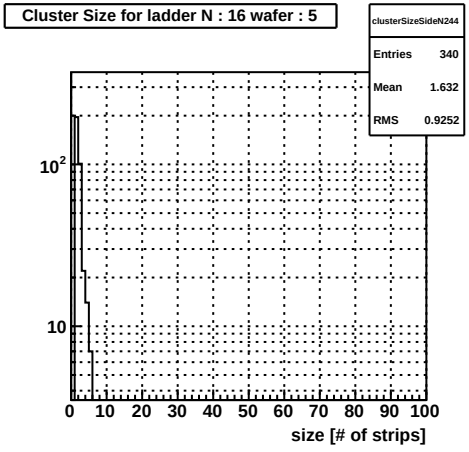

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 459
Mean 1.462
RMS 0.7756
size [# of strips]

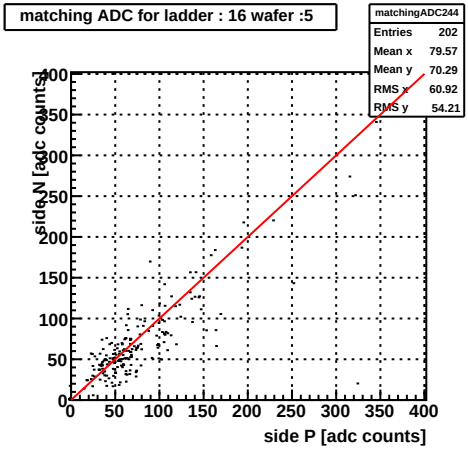

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 274
Mean x 84.59
Mean y 71.74
RMS x 66.68
RMS y 62.5
side N [adc counts]
side P [adc counts]

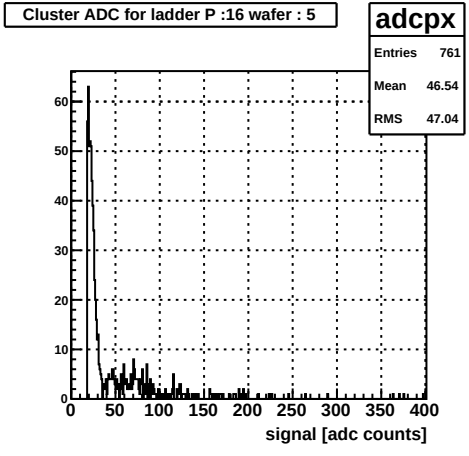

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 470
Mean 73.15
RMS 61.3
signal [adc counts]

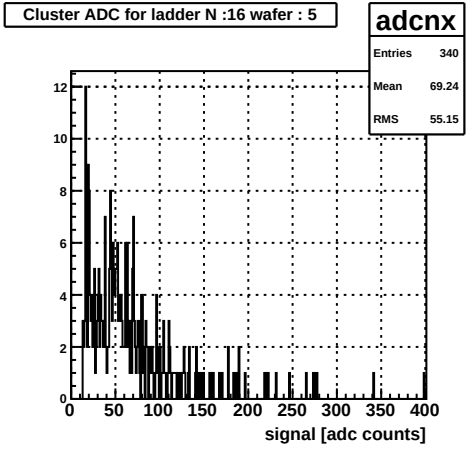

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 459
Mean 59.29
RMS 55.61
signal [adc counts]

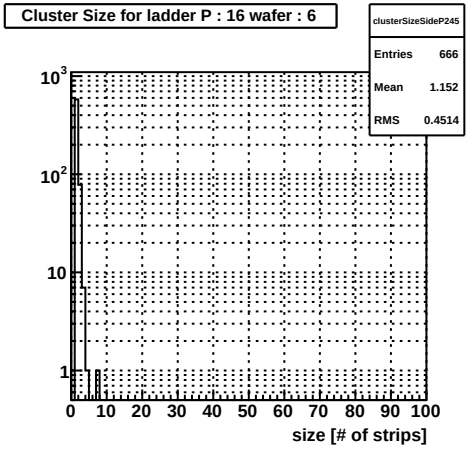

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 761
Mean 1.171
RMS 0.4668
size [# of strips]

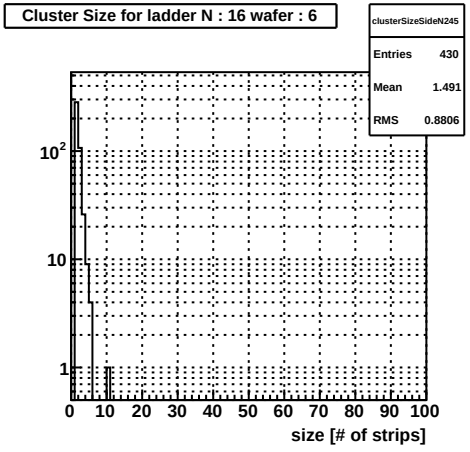

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 340
Mean 1.632
RMS 0.9252
size [# of strips]

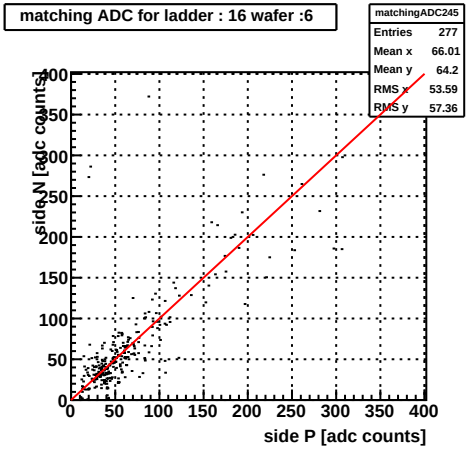

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 202
Mean x 79.57
Mean y 70.29
RMS x 60.92
RMS y 54.21
side N [adc counts]
side P [adc counts]

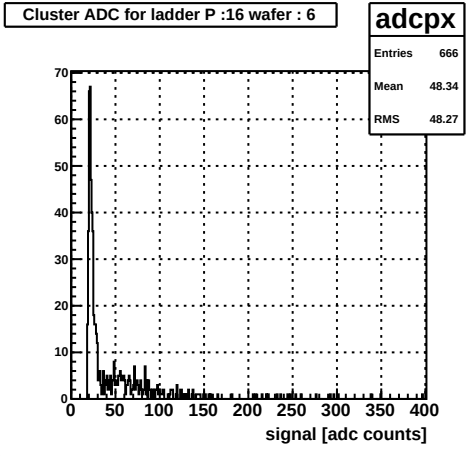

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 761
Mean 46.54
RMS 47.04
signal [adc counts]

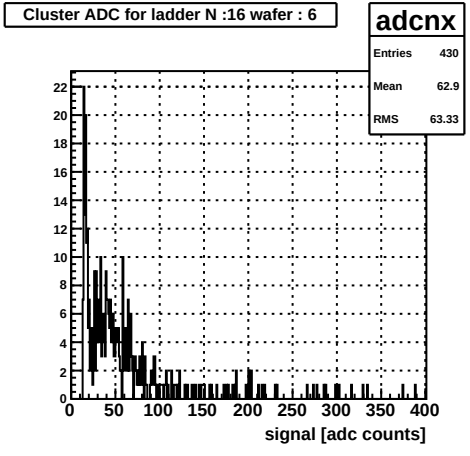

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 340
Mean 69.24
RMS 55.15
signal [adc counts]

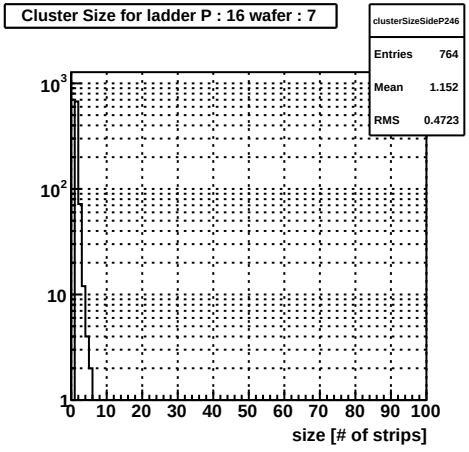

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 666
Mean 1.152
RMS 0.4514
size [# of strips]

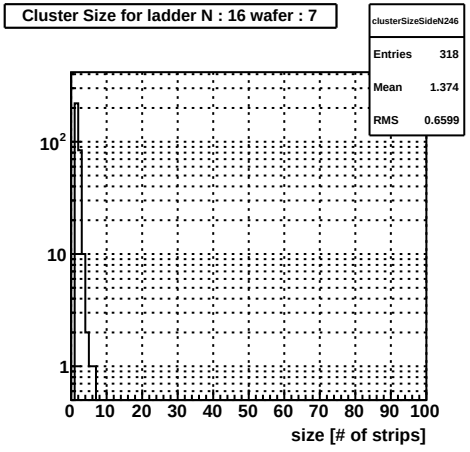

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 430
Mean 1.491
RMS 0.8806
size [# of strips]

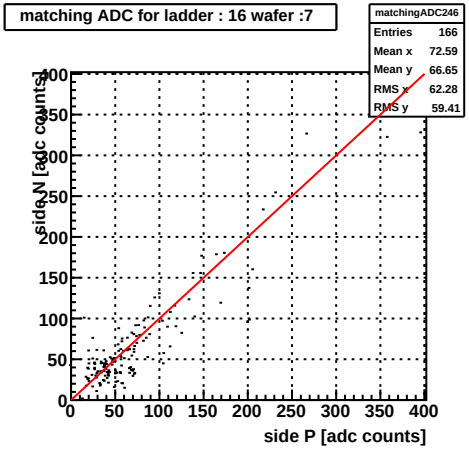

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 277
Mean x 66.01
Mean y 64.2
RMS x 53.59
RMS y 57.36
side N [adc counts]
side P [adc counts]

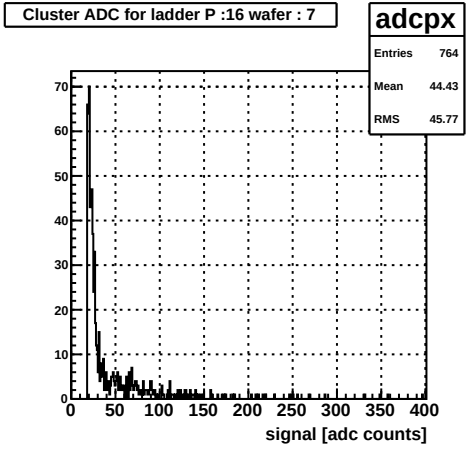

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 666
Mean 48.34
RMS 48.27
signal [adc counts]

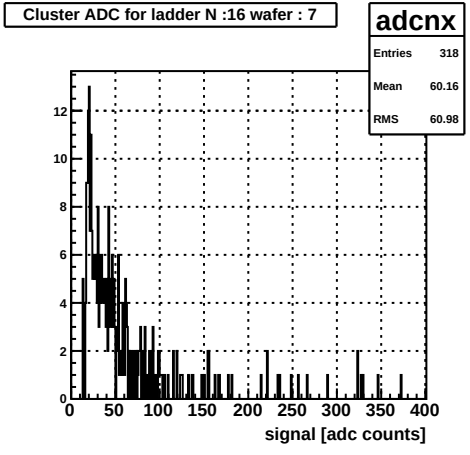

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 430
Mean 62.9
RMS 63.33
signal [adc counts]

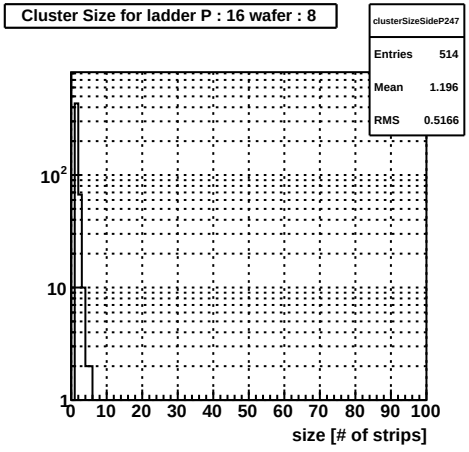

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 764
Mean 1.152
RMS 0.4723
size [# of strips]

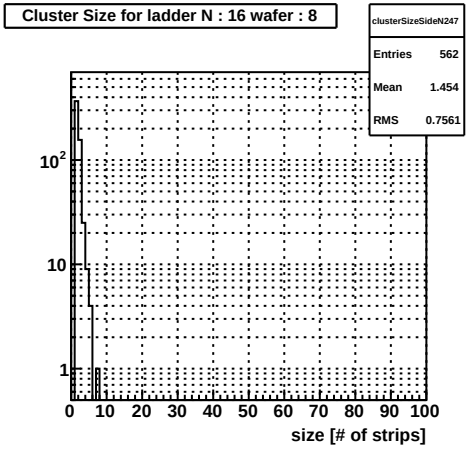

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 318
Mean 1.374
RMS 0.6599
size [# of strips]

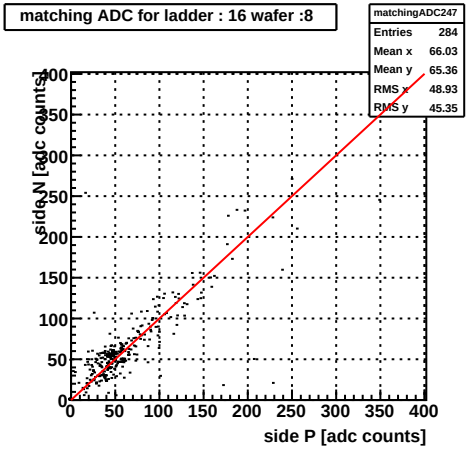

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 166
Mean x 72.59
Mean y 66.65
RMS x 62.28
RMS y 59.41
side N [adc counts]
side P [adc counts]

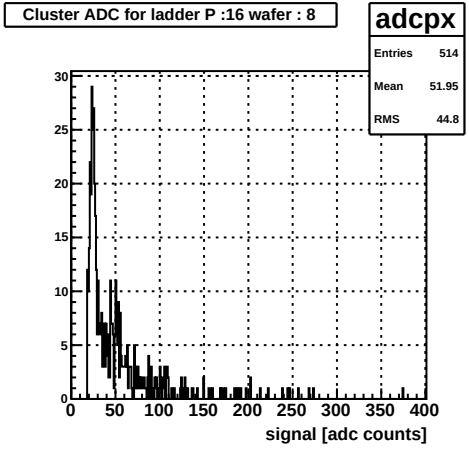

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 764
Mean 44.43
RMS 45.77
signal [adc counts]

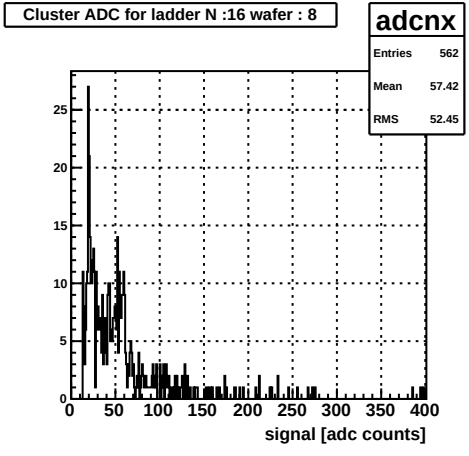

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 318
Mean 60.16
RMS 60.98
signal [adc counts]

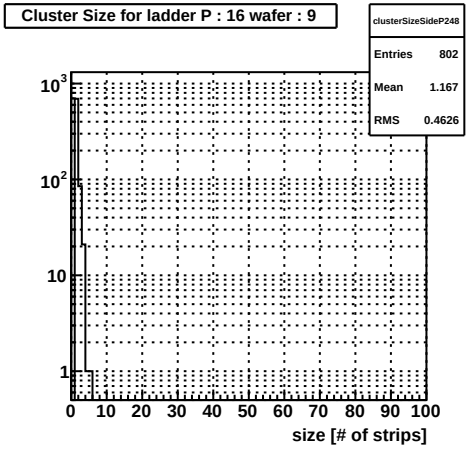

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 514
Mean 1.196
RMS 0.5166
size [# of strips]

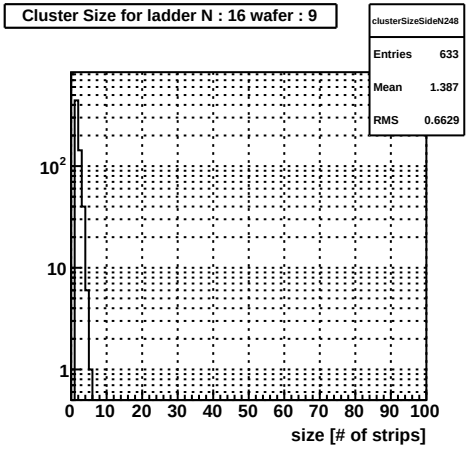

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 562
Mean 1.454
RMS 0.7561
size [# of strips]

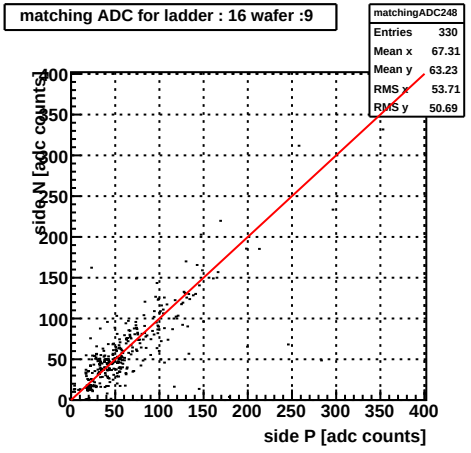

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 284
Mean x 66.03
Mean y 65.36
RMS x 48.93
RMS y 45.35
side N [adc counts]
side P [adc counts]

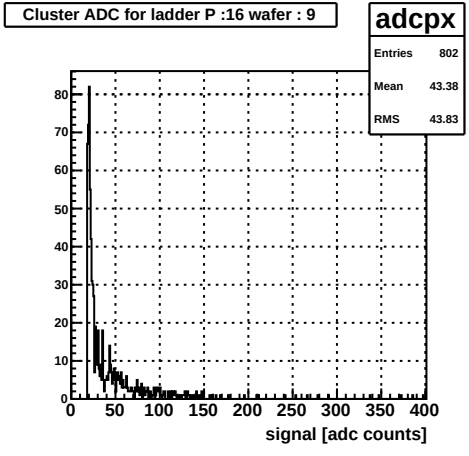

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 514
Mean 51.95
RMS 44.8
signal [adc counts]

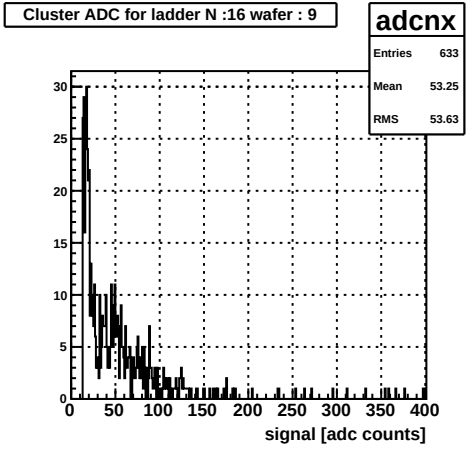

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 562
Mean 57.42
RMS 52.45
signal [adc counts]

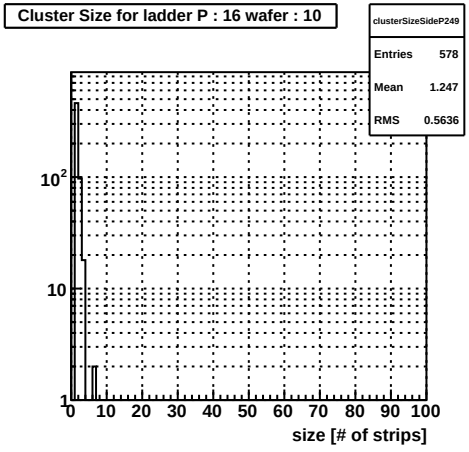

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 802
Mean 1.167
RMS 0.4626
size [# of strips]

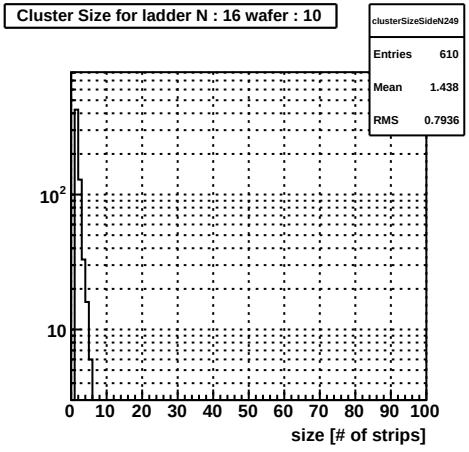

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 633
Mean 1.387
RMS 0.6629
size [# of strips]

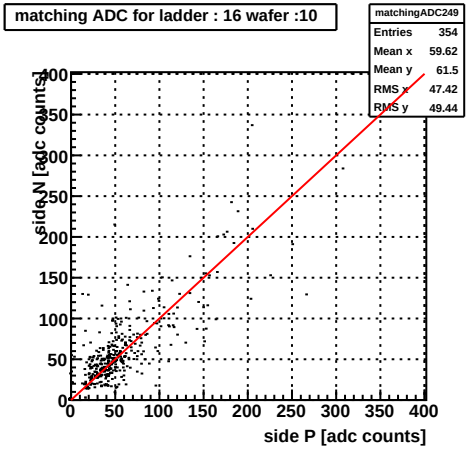

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 330
Mean x 67.31
Mean y 63.23
RMS x 53.71
RMS y 50.69
side N [adc counts]
side P [adc counts]

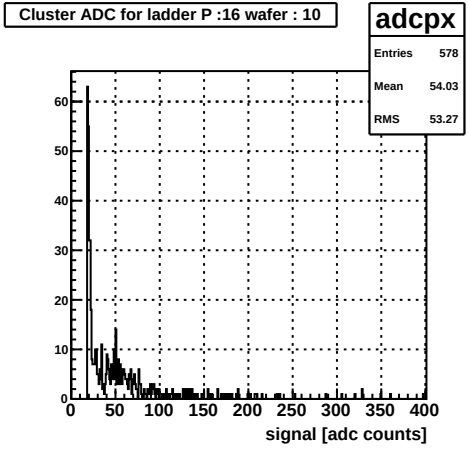

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 802
Mean 43.38
RMS 43.83
signal [adc counts]

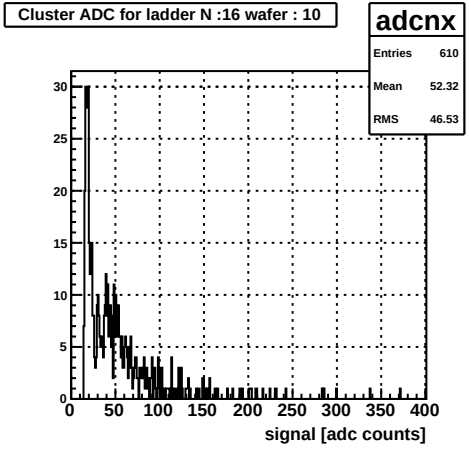

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 633
Mean 53.25
RMS 53.63
signal [adc counts]

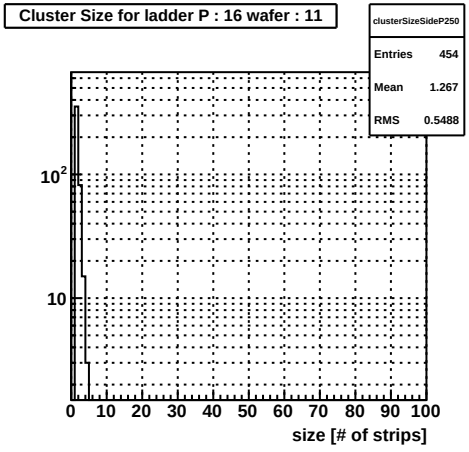

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 578
Mean 1.247
RMS 0.5636
size [# of strips]

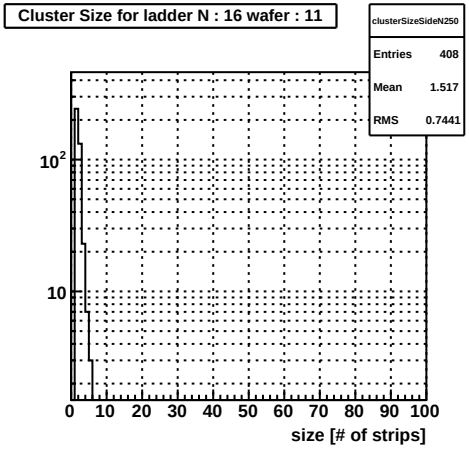

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 610
Mean 1.438
RMS 0.7936
size [# of strips]

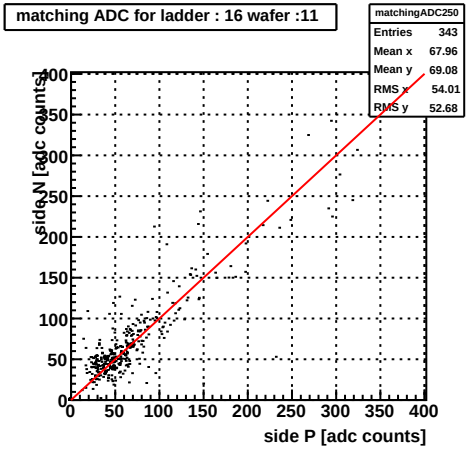

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 354
Mean x 59.62
Mean y 61.5
RMS x 47.42
RMS y 49.44
side N [adc counts]
side P [adc counts]

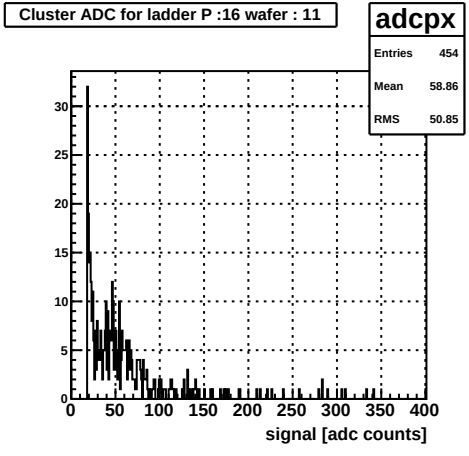

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 578
Mean 54.03
RMS 53.27
signal [adc counts]

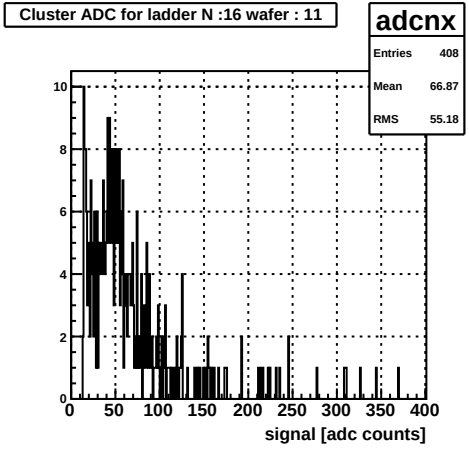

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 610
Mean 52.32
RMS 46.53
signal [adc counts]

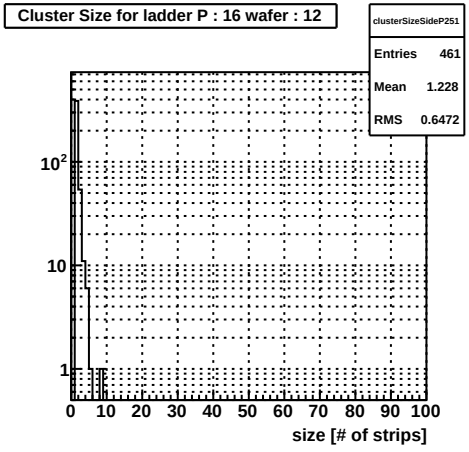

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 454
Mean 1.267
RMS 0.5488
size [# of strips]

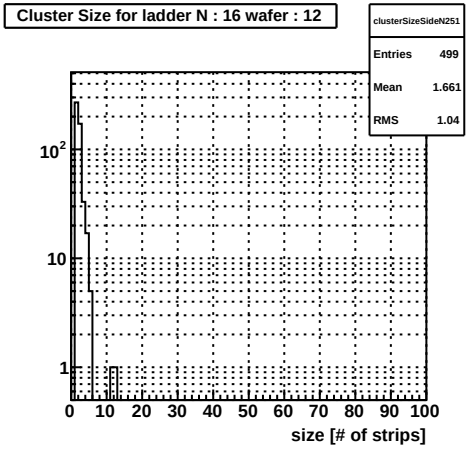

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 408
Mean 1.517
RMS 0.7441
size [# of strips]

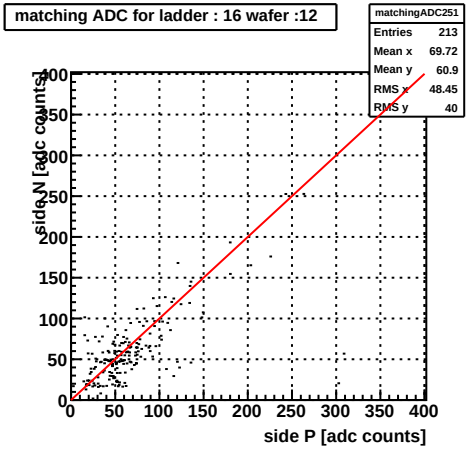

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 343
Mean x 67.96
Mean y 69.08
RMS x 54.01
RMS y 52.68
side N [adc counts]
side P [adc counts]

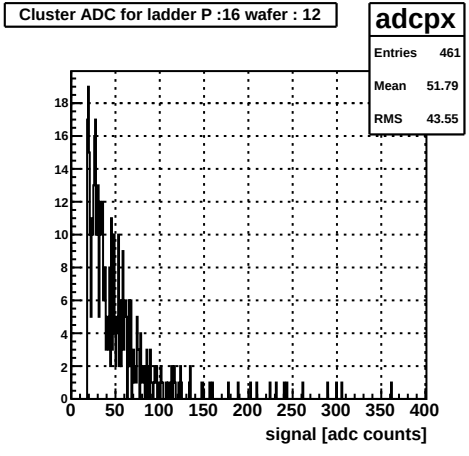

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 454
Mean 58.86
RMS 50.85
signal [adc counts]

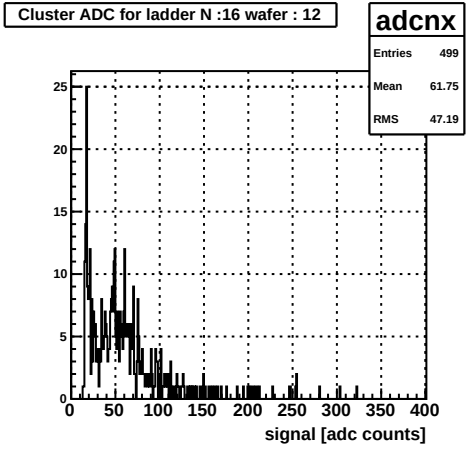

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 408
Mean 66.87
RMS 55.18
signal [adc counts]

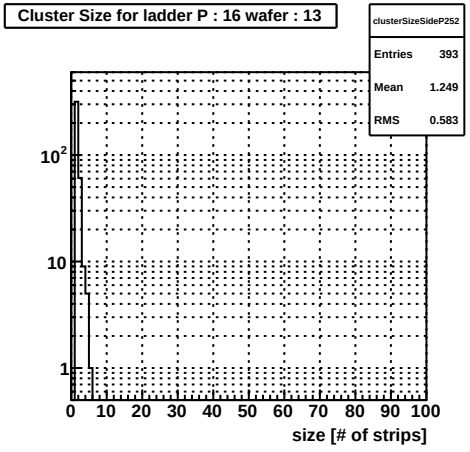

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 461
Mean 1.228
RMS 0.6472
size [# of strips]

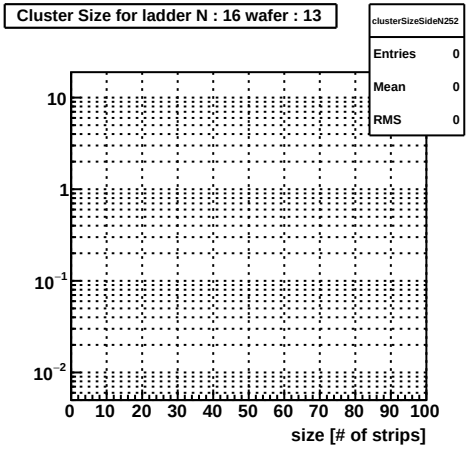

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 499
Mean 1.661
RMS 1.04
size [# of strips]

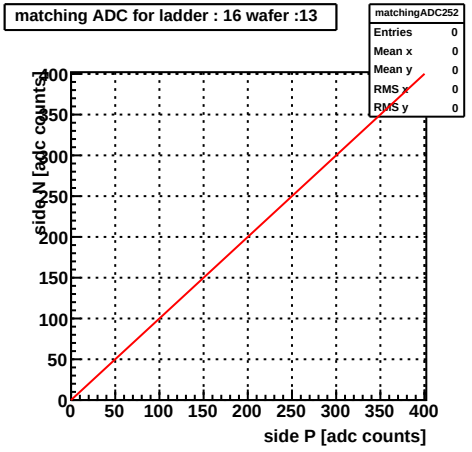

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 213
Mean x 69.72
Mean y 60.9
RMS x 48.45
RMS y 40
side N [adc counts]
side P [adc counts]

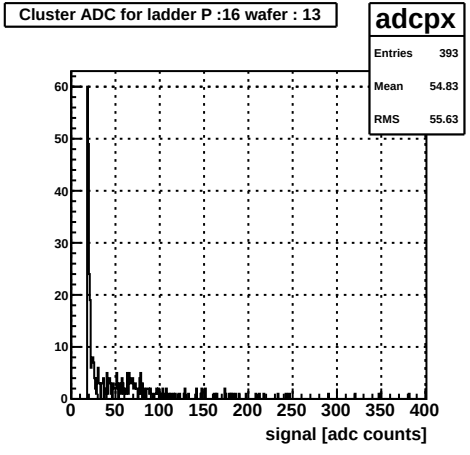

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 461
Mean 51.79
RMS 43.55
signal [adc counts]

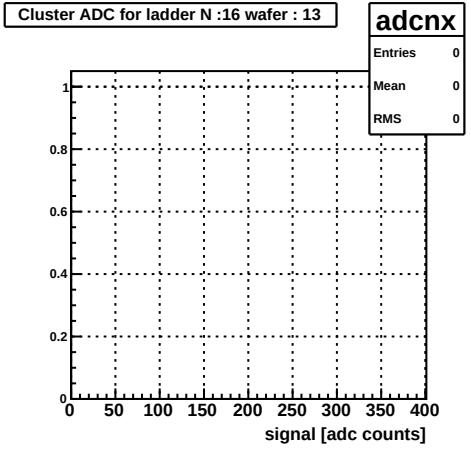

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 499
Mean 61.75
RMS 47.19
signal [adc counts]

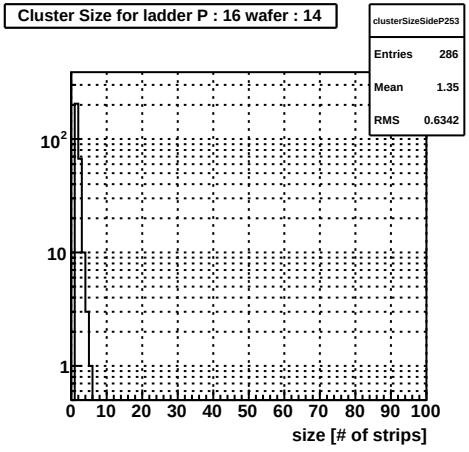

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 393
Mean 1.249
RMS 0.583
size [# of strips]

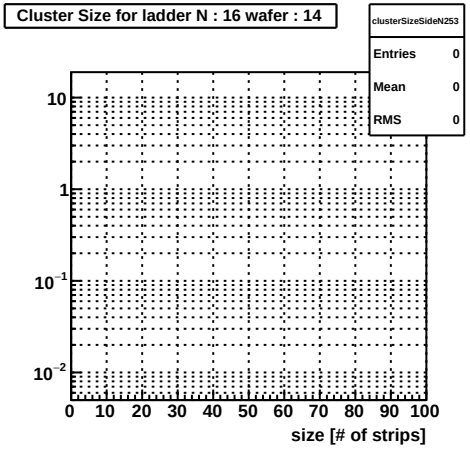

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

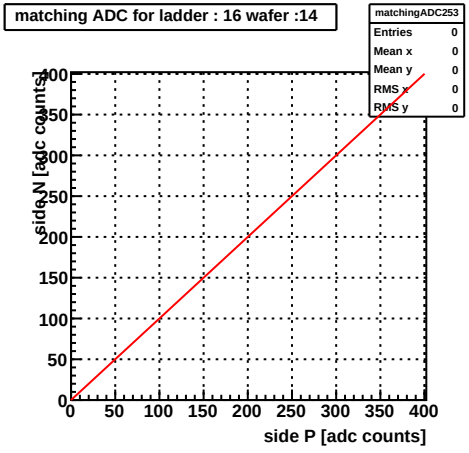

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

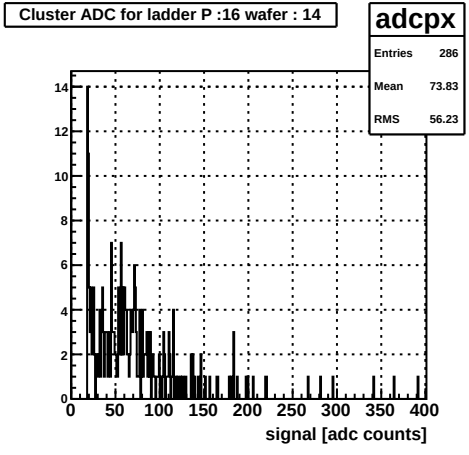

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 393
Mean 54.83
RMS 55.63
signal [adc counts]

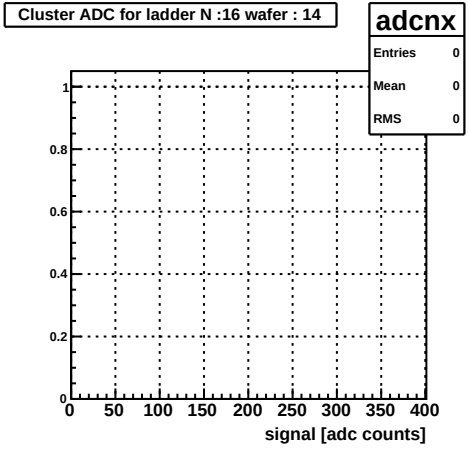

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

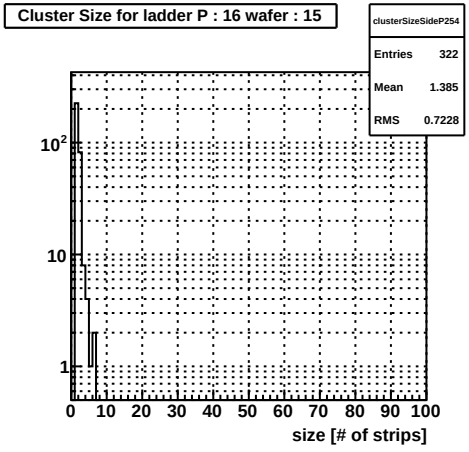

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 286
Mean 1.35
RMS 0.6342
size [# of strips]

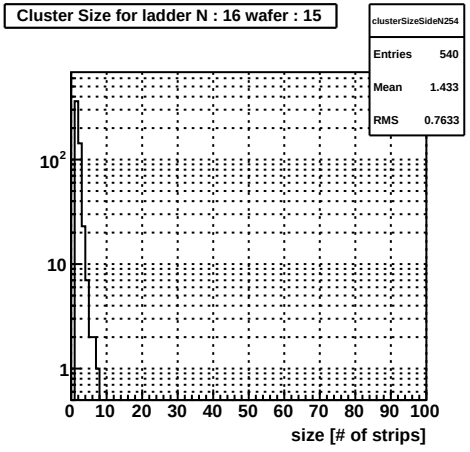

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

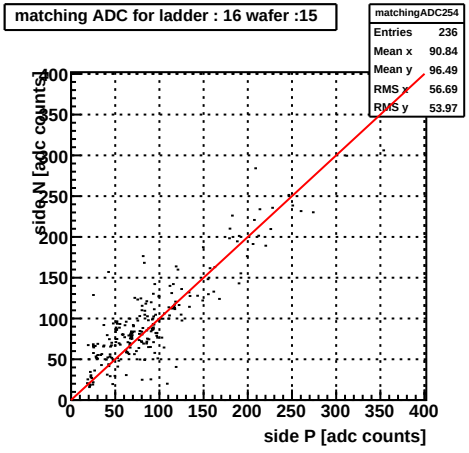

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

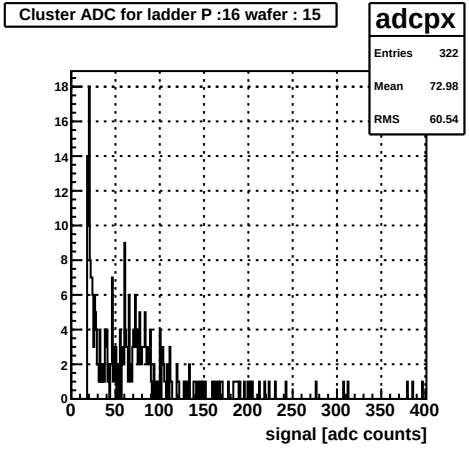

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 286
Mean 73.83
RMS 56.23
signal [adc counts]

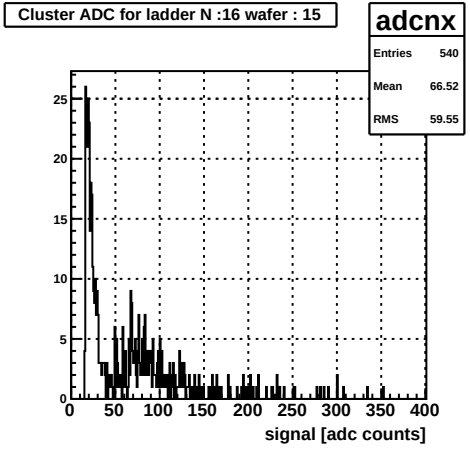

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

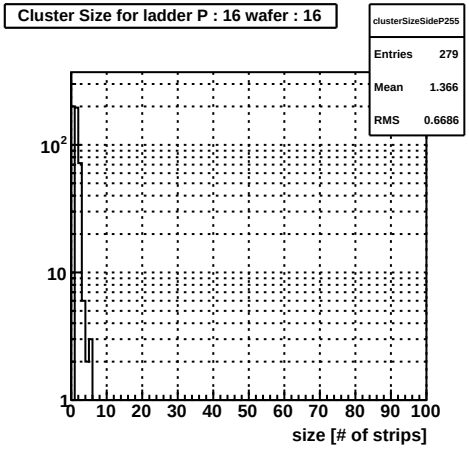

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 322
Mean 1.385
RMS 0.7228
size [# of strips]

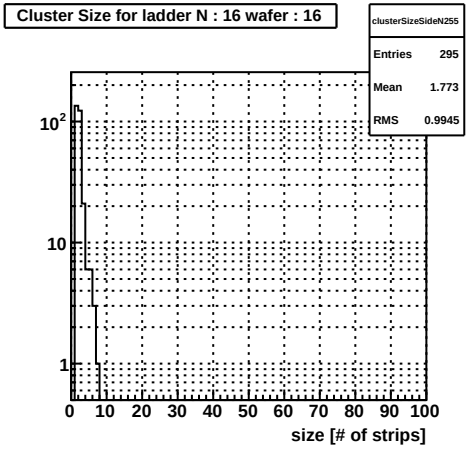

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 540
Mean 1.433
RMS 0.7633
size [# of strips]

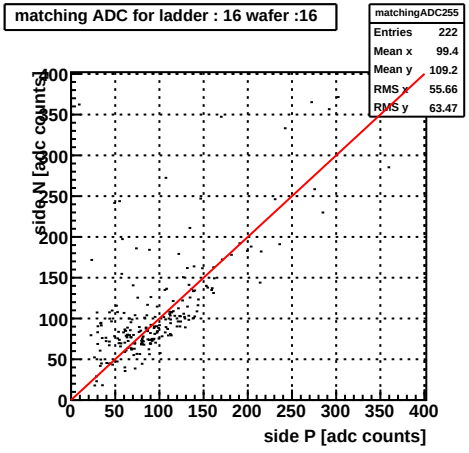

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 236
Mean x 90.84
Mean y 96.49
RMS x 56.69
RMS y 53.97
side N [adc counts]
side P [adc counts]

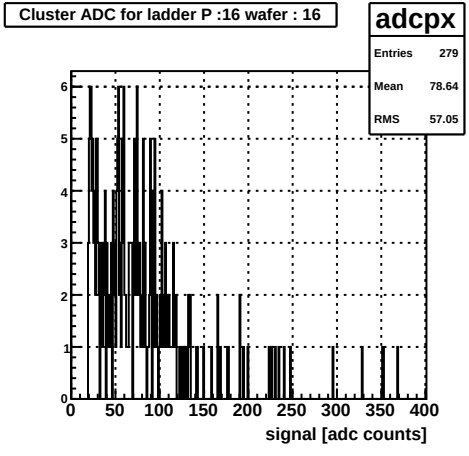

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 322
Mean 72.98
RMS 60.54
signal [adc counts]

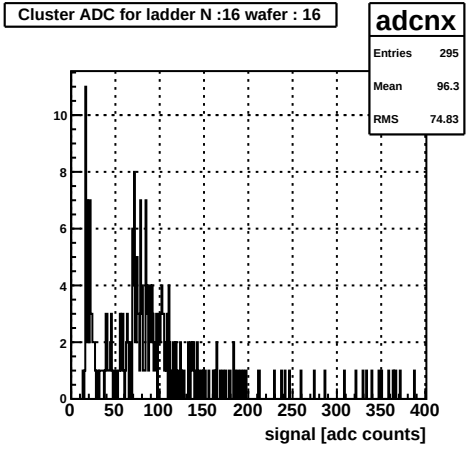

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 540
Mean 66.52
RMS 59.55
signal [adc counts]

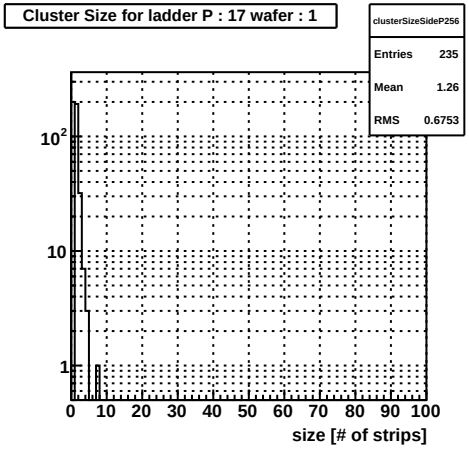

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 279
Mean 1.366
RMS 0.6686
size [# of strips]

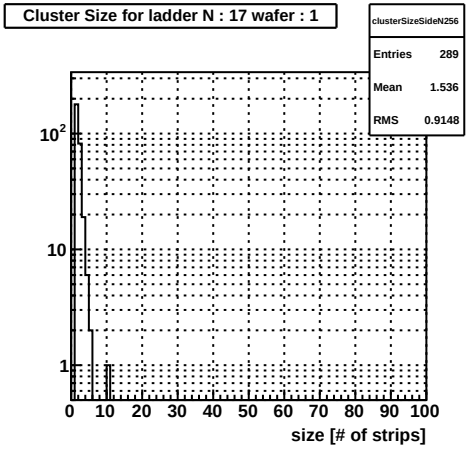

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 295
Mean 1.773
RMS 0.9945
size [# of strips]

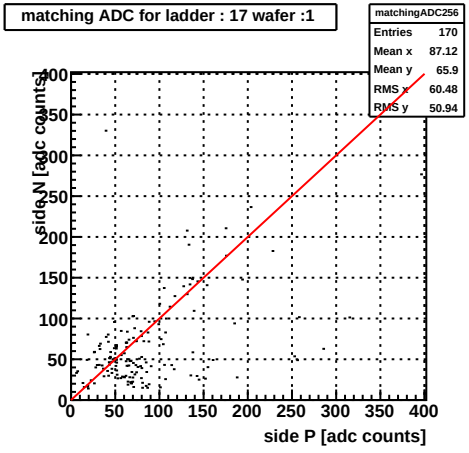

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 222
Mean x 99.4
Mean y 109.2
RMS x 55.66
RMS y 63.47
side N [adc counts]
side P [adc counts]

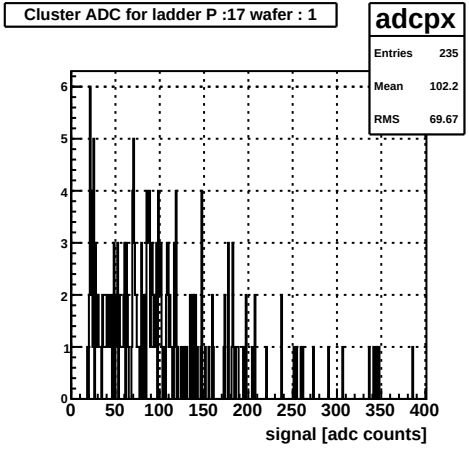

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 279
Mean 78.64
RMS 57.05
signal [adc counts]

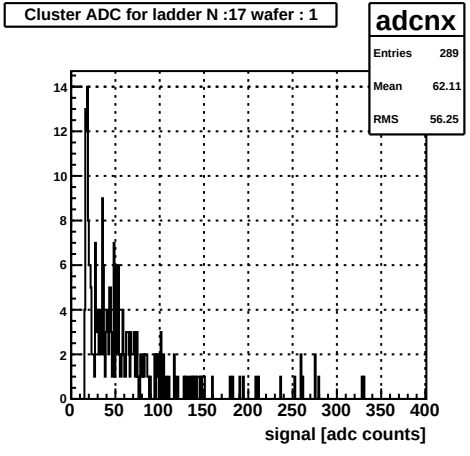

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 295
Mean 96.3
RMS 74.83
signal [adc counts]

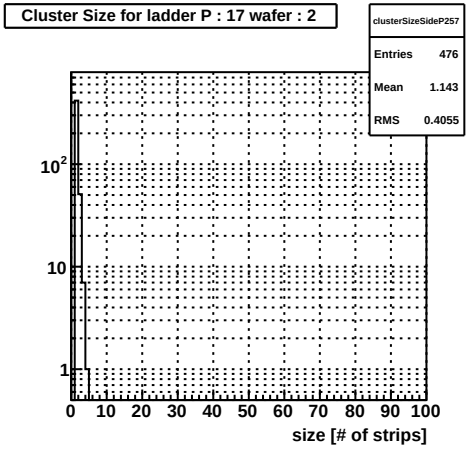

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 235
Mean 1.26
RMS 0.6753
size [# of strips]

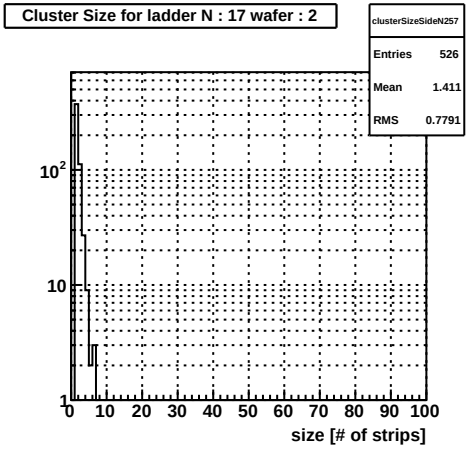

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 289
Mean 1.536
RMS 0.9148
size [# of strips]

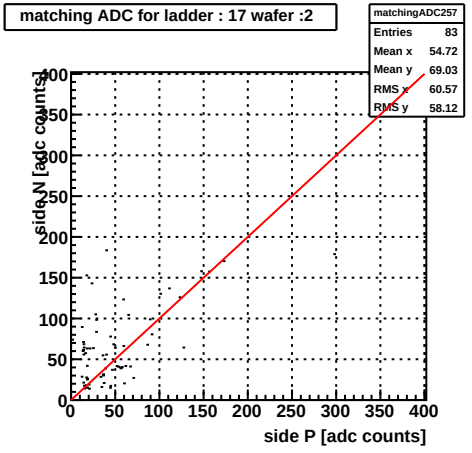

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 170
Mean x 87.12
Mean y 65.9
RMS x 60.48
RMS y 50.94
side N [adc counts]
side P [adc counts]

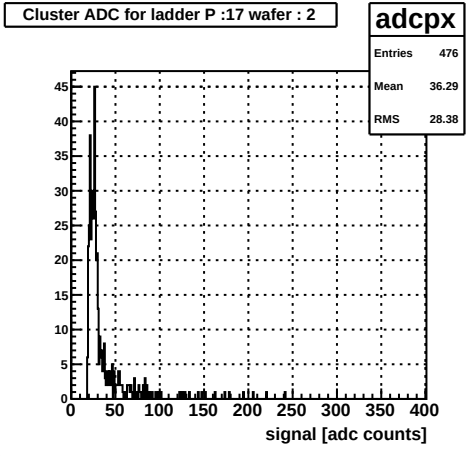

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 235
Mean 102.2
RMS 69.67
signal [adc counts]

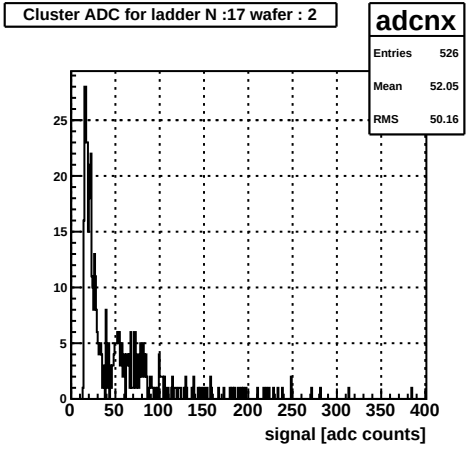

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 289
Mean 62.11
RMS 56.25
signal [adc counts]

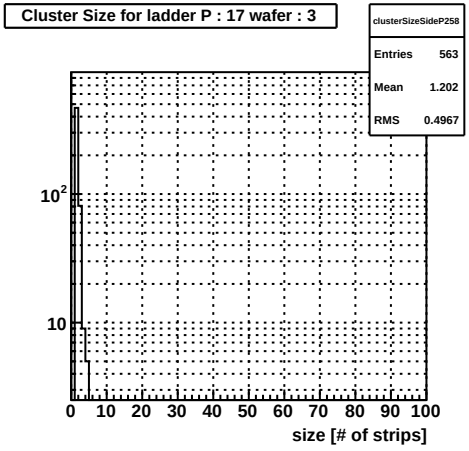

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 476
Mean 1.143
RMS 0.4055
size [# of strips]

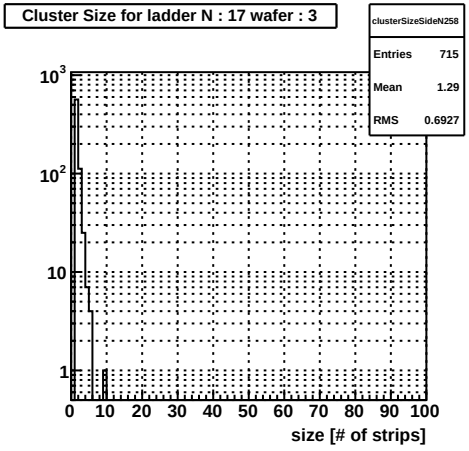

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 526
Mean 1.411
RMS 0.7791
size [# of strips]

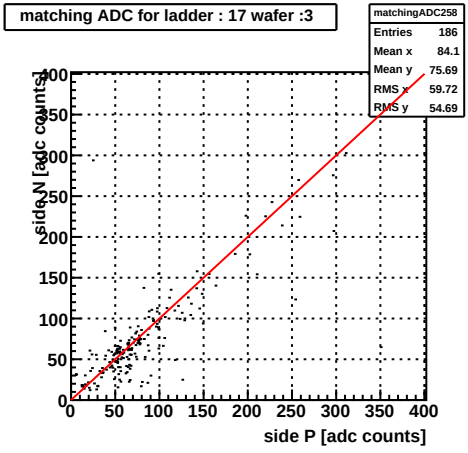

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 83
Mean x 54.72
Mean y 69.03
RMS x 60.57
RMS y 58.12
side N [adc counts]
side P [adc counts]

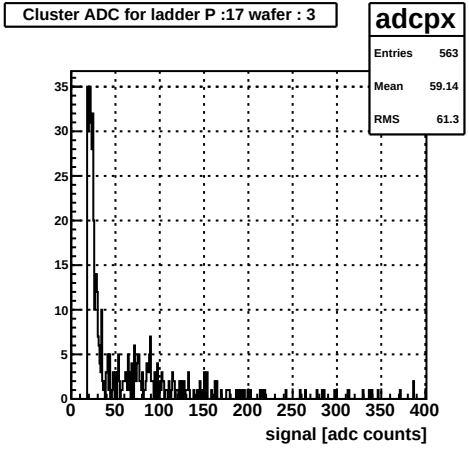

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 476
Mean 36.29
RMS 28.38
signal [adc counts]

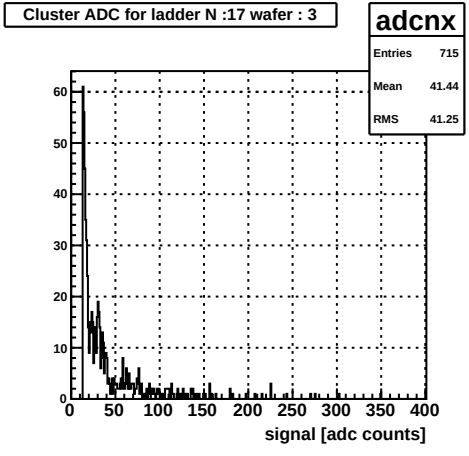

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 526
Mean 52.05
RMS 50.16
signal [adc counts]

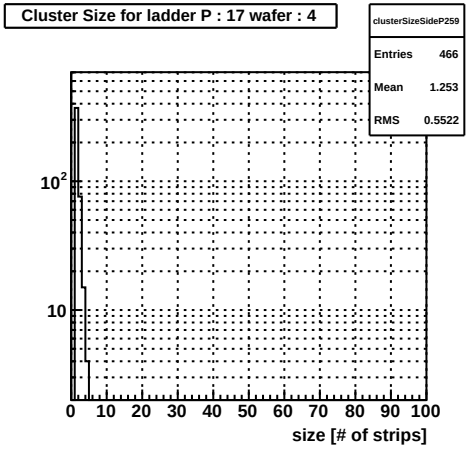

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 563
Mean 1.202
RMS 0.4967
size [# of strips]

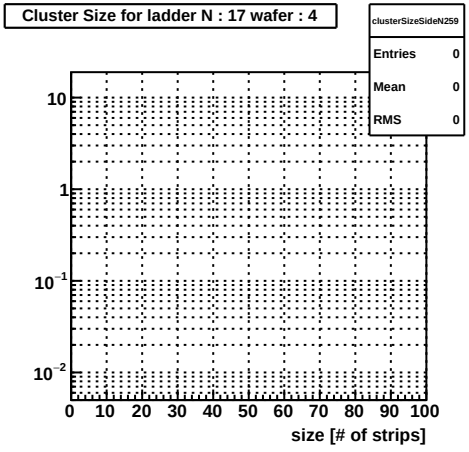

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 715
Mean 1.29
RMS 0.6927
size [# of strips]

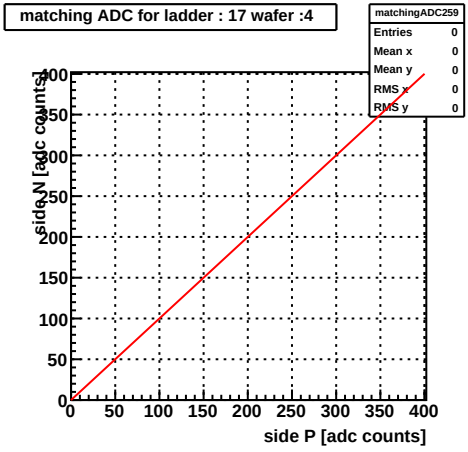

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 186
Mean x 84.1
Mean y 75.69
RMS x 59.72
RMS y 54.69
side N [adc counts]
side P [adc counts]

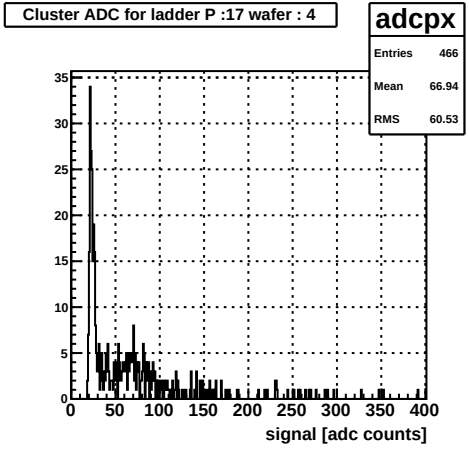

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 563
Mean 59.14
RMS 61.3
signal [adc counts]

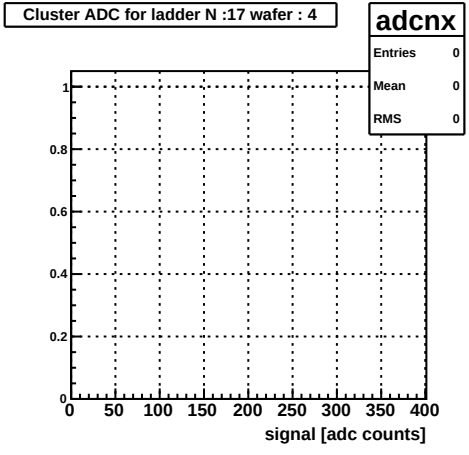

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 715
Mean 41.44
RMS 41.25
signal [adc counts]

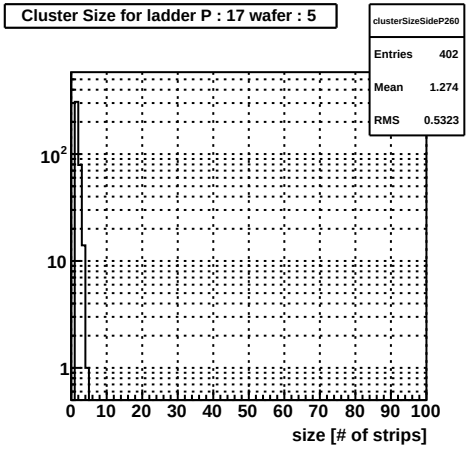

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 466
Mean 1.253
RMS 0.5522
size [# of strips]

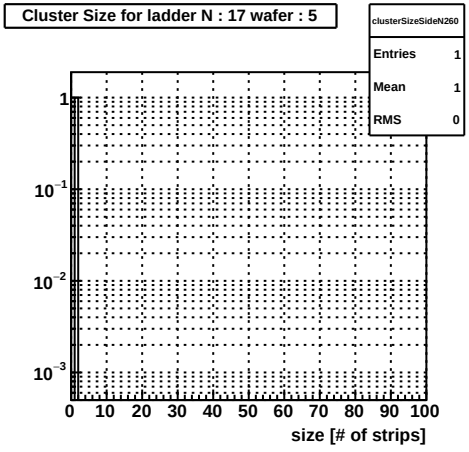

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

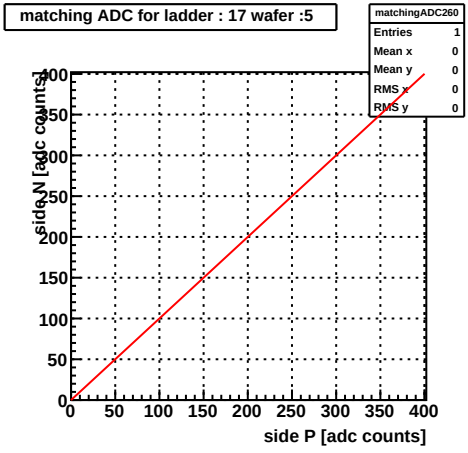

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

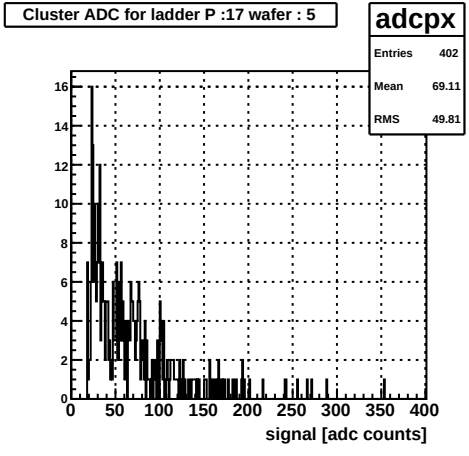

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 466
Mean 66.94
RMS 60.53
signal [adc counts]

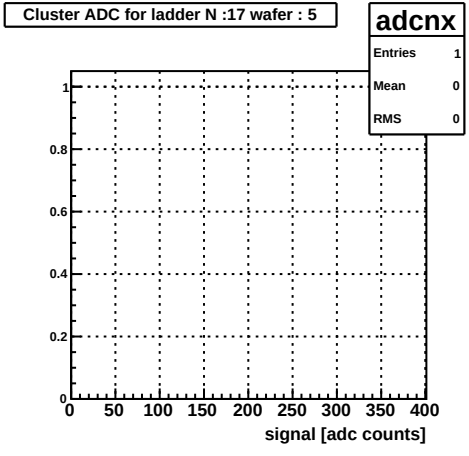

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

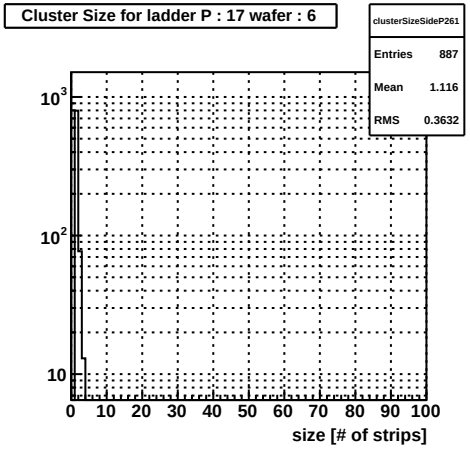

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 402
Mean 1.274
RMS 0.5323
size [# of strips]

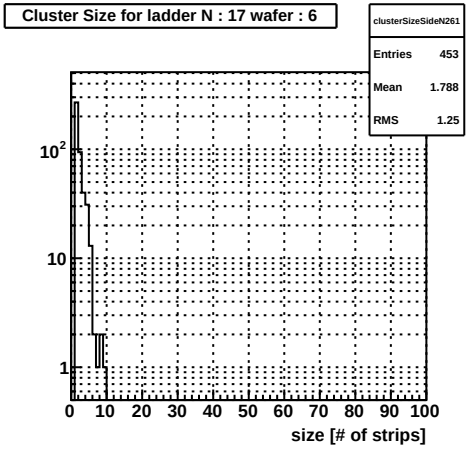

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 1
Mean 1
RMS 0
size [# of strips]

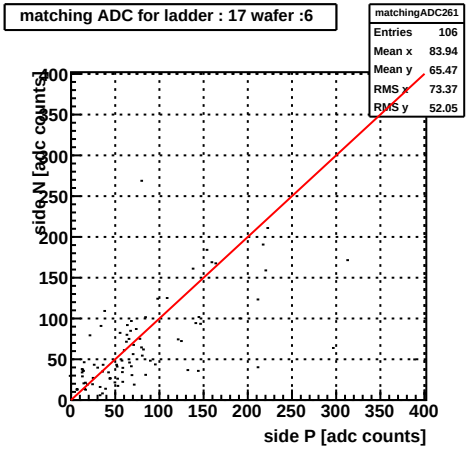

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

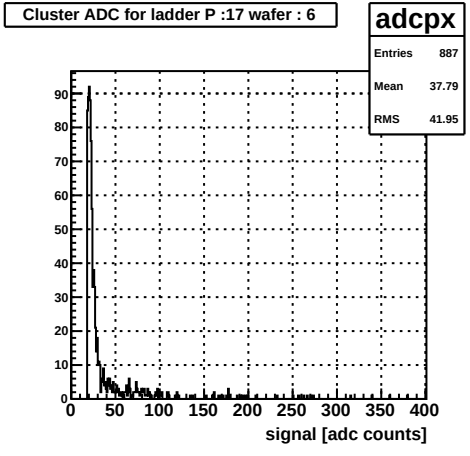

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 402
Mean 69.11
RMS 49.81
signal [adc counts]

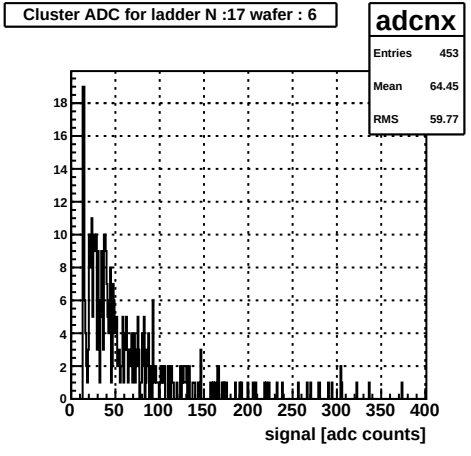

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

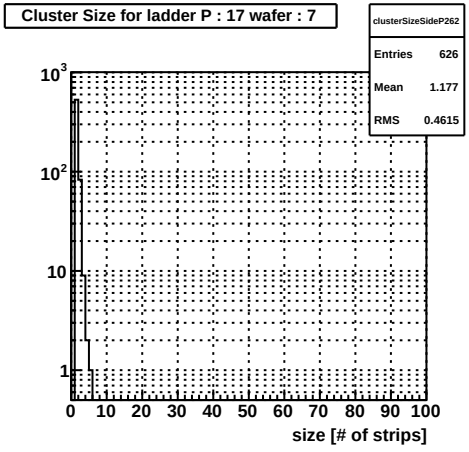

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 887
Mean 1.116
RMS 0.3632
size [# of strips]

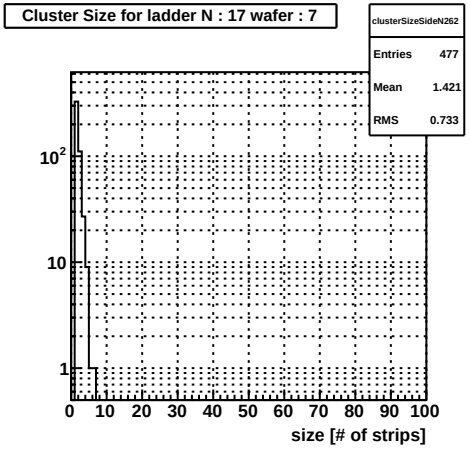

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 453
Mean 1.788
RMS 1.25
size [# of strips]

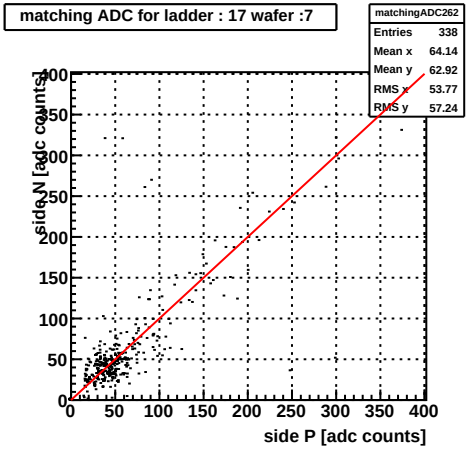

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 106
Mean x 83.94
Mean y 65.47
RMS x 73.37
RMS y 52.05
side N [adc counts]
side P [adc counts]

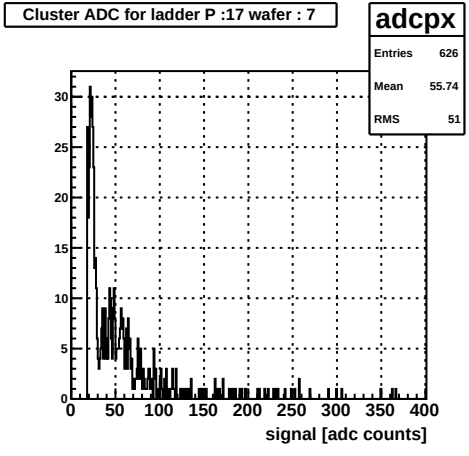

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 887
Mean 37.79
RMS 41.95
signal [adc counts]

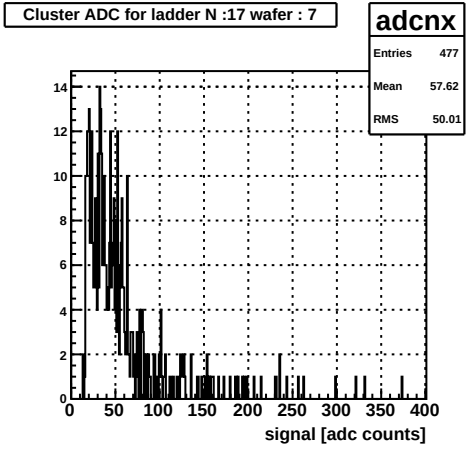

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 453
Mean 64.45
RMS 59.77
signal [adc counts]

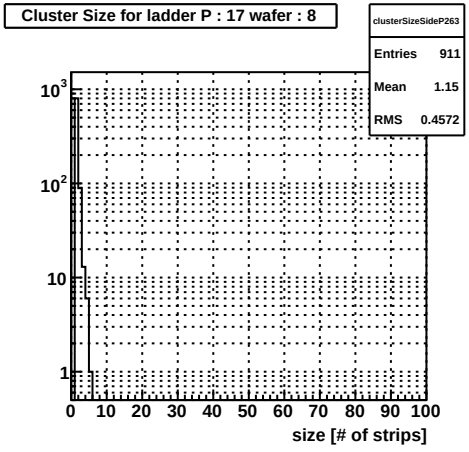

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 626
Mean 1.177
RMS 0.4615
size [# of strips]

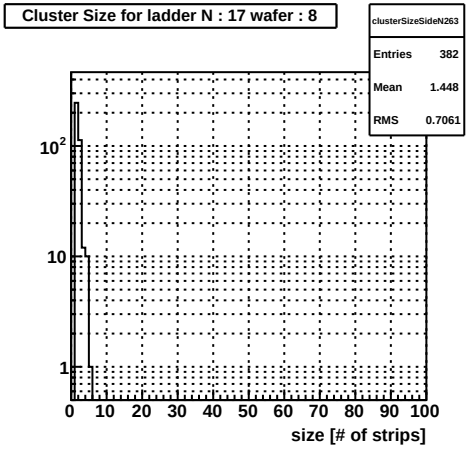

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 477
Mean 1.421
RMS 0.733
size [# of strips]

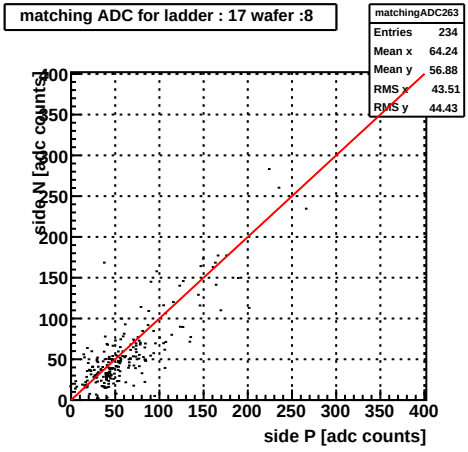

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 338
Mean x 64.14
Mean y 62.92
RMS x 53.77
RMS y 57.24
side N [adc counts]
side P [adc counts]

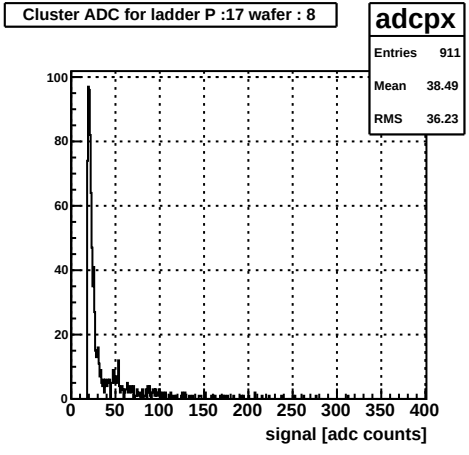

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 626
Mean 55.74
RMS 51
signal [adc counts]

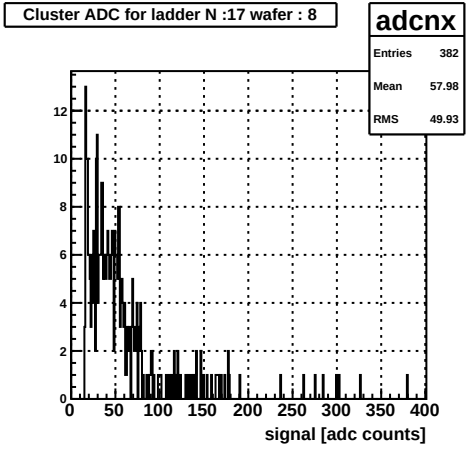

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 477
Mean 57.62
RMS 50.01
signal [adc counts]

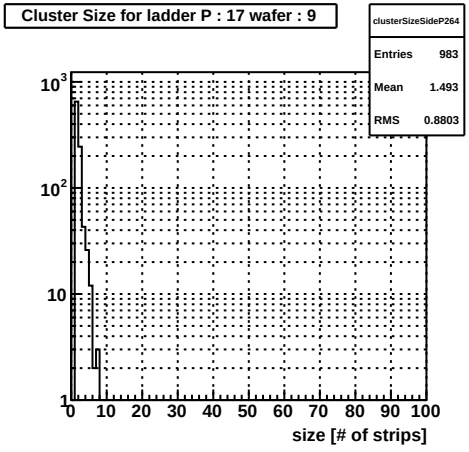

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 911
Mean 1.15
RMS 0.4572
size [# of strips]

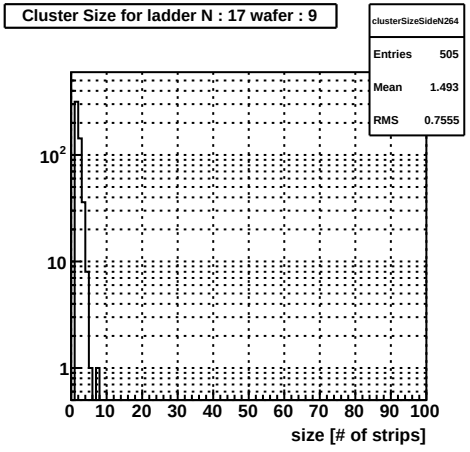

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 382
Mean 1.448
RMS 0.7061
size [# of strips]

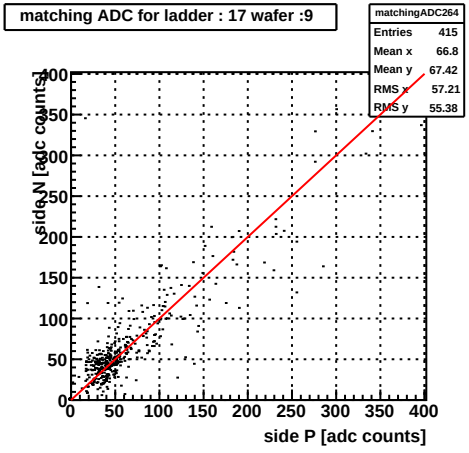

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 234
Mean x 64.24
Mean y 56.88
RMS x 43.51
RMS y 44.43
side N [adc counts]
side P [adc counts]

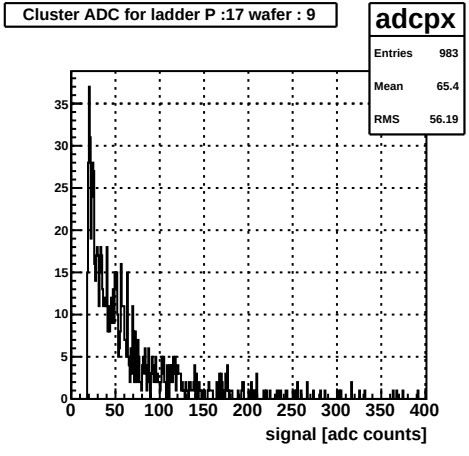

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 911
Mean 38.49
RMS 36.23
signal [adc counts]

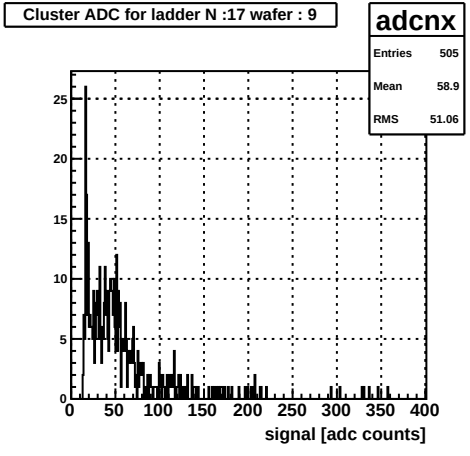

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 382
Mean 57.98
RMS 49.93
signal [adc counts]

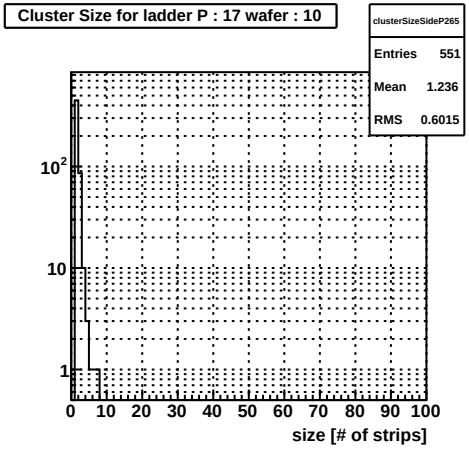

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 983
Mean 1.493
RMS 0.8803
size [# of strips]

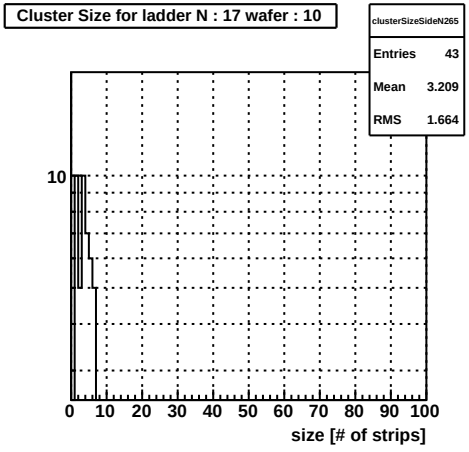

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 505
Mean 1.493
RMS 0.7555
size [# of strips]

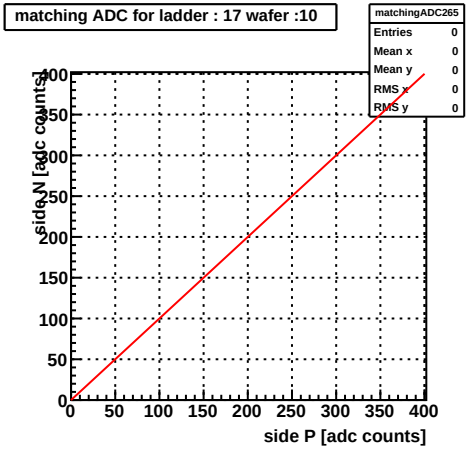

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 415
Mean x 66.8
Mean y 67.42
RMS x 57.21
RMS y 55.38
side N [adc counts]
side P [adc counts]

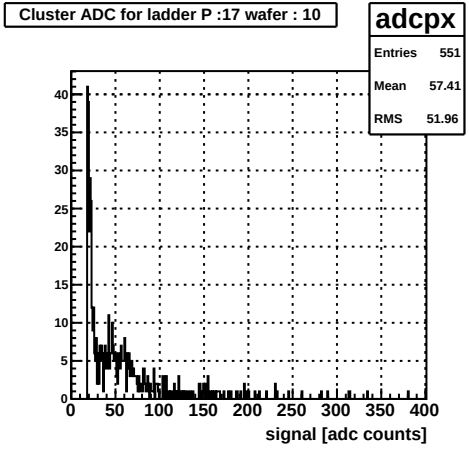

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 983
Mean 65.4
RMS 56.19
signal [adc counts]

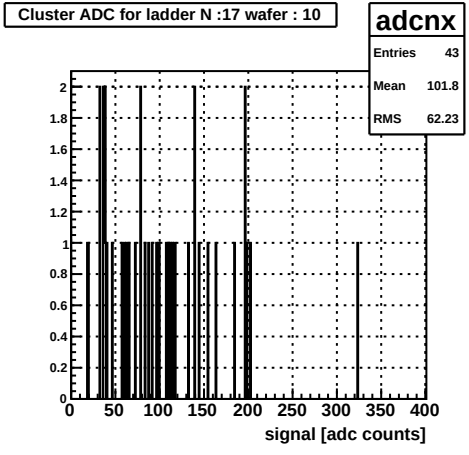

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 505
Mean 58.9
RMS 51.06
signal [adc counts]

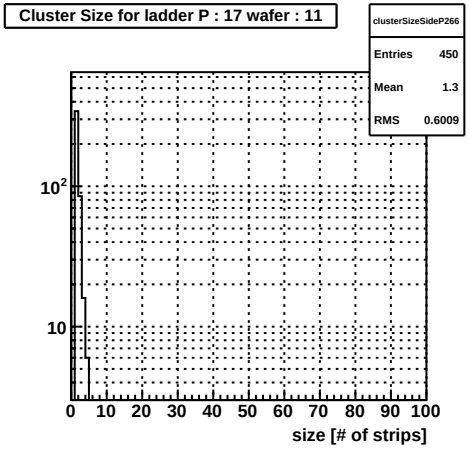

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 551
Mean 1.236
RMS 0.6015
size [# of strips]

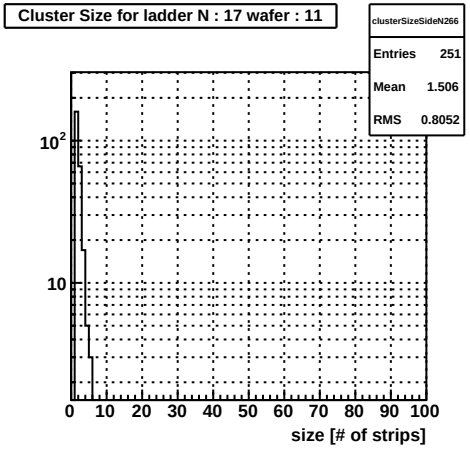

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 43
Mean 3.209
RMS 1.664
size [# of strips]

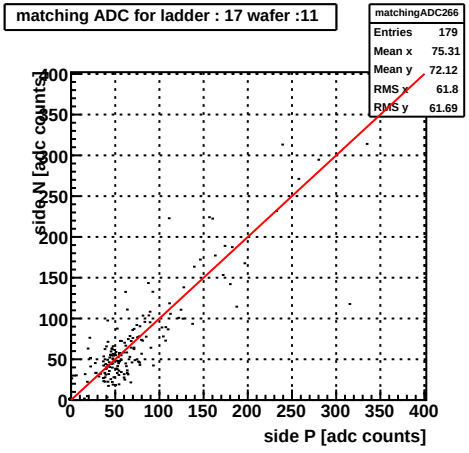

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

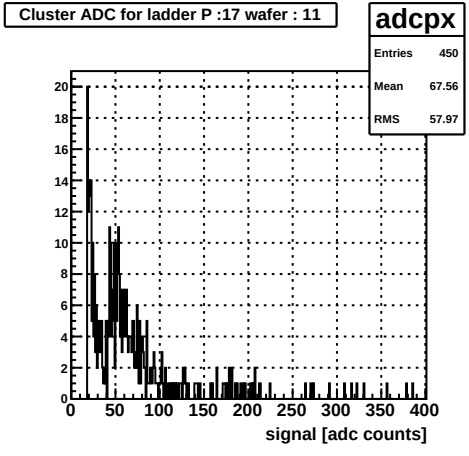

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 551
Mean 57.41
RMS 51.96
signal [adc counts]

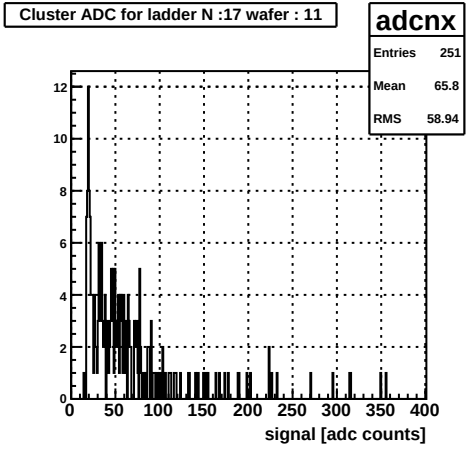

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 43
Mean 101.8
RMS 62.23
signal [adc counts]

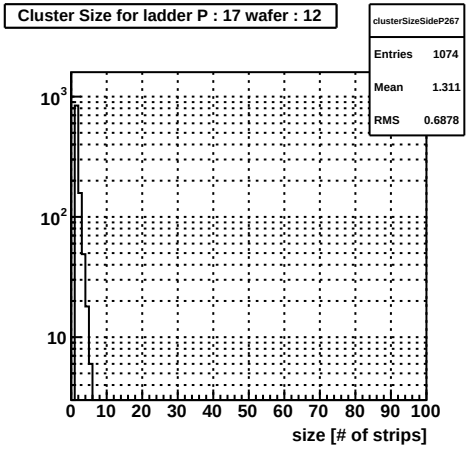

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 450
Mean 1.3
RMS 0.6009
size [# of strips]

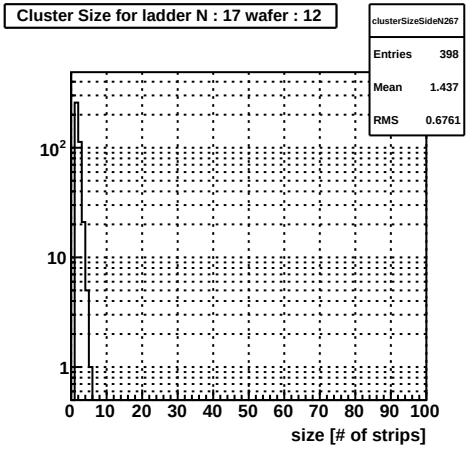

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 251
Mean 1.506
RMS 0.8052
size [# of strips]

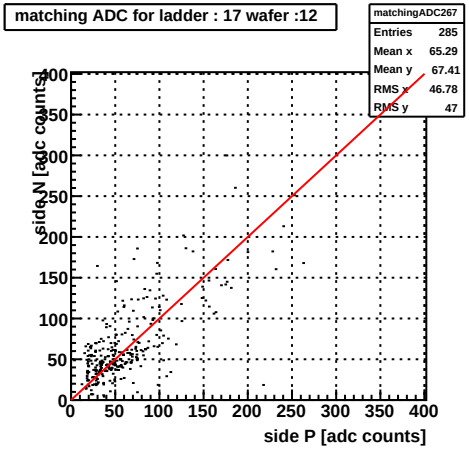

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 179
Mean x 75.31
Mean y 72.12
RMS x 61.8
RMS y 61.69
side N [adc counts]
side P [adc counts]

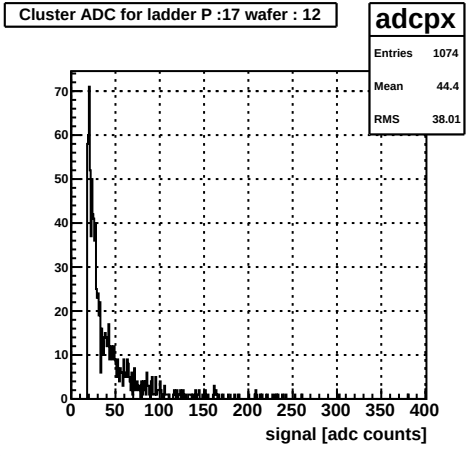

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 450
Mean 67.56
RMS 57.97
signal [adc counts]

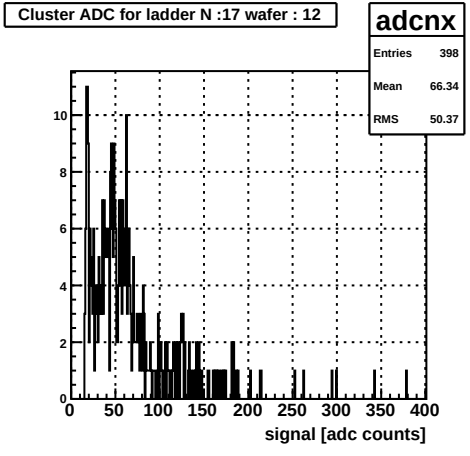

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 251
Mean 65.8
RMS 58.94
signal [adc counts]

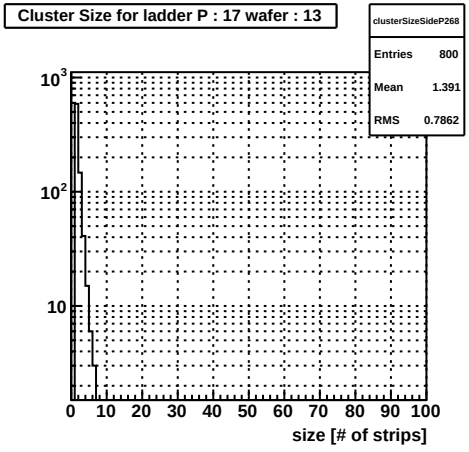

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 1074
Mean 1.311
RMS 0.6878
size [# of strips]

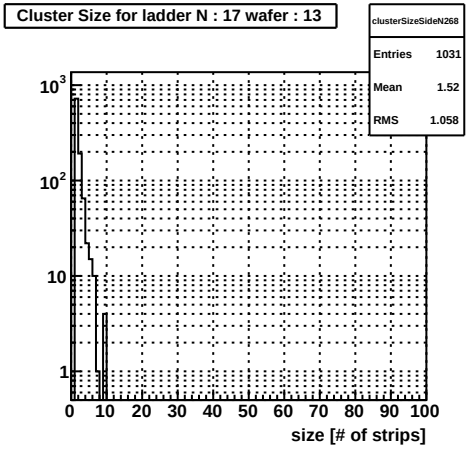

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 398
Mean 1.437
RMS 0.6761
size [# of strips]

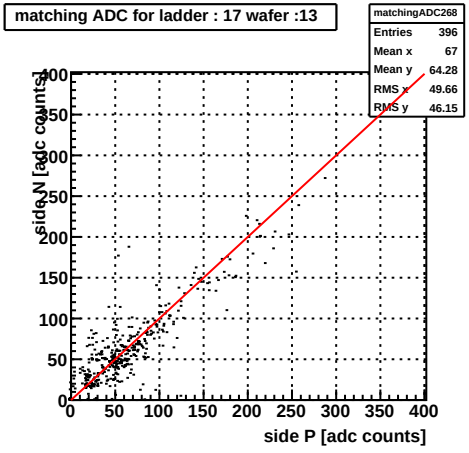

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 285
Mean x 65.29
Mean y 67.41
RMS x 46.78
RMS y 47
side N [adc counts]
side P [adc counts]

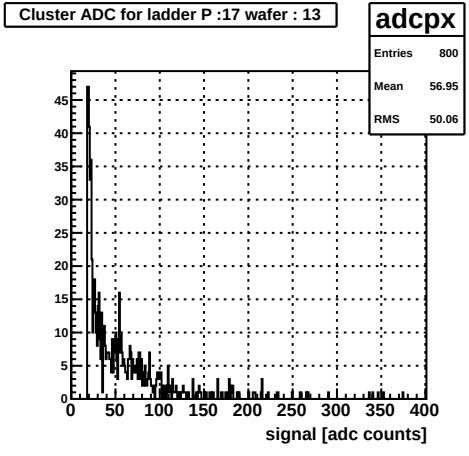

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 1074
Mean 44.4
RMS 38.01
signal [adc counts]

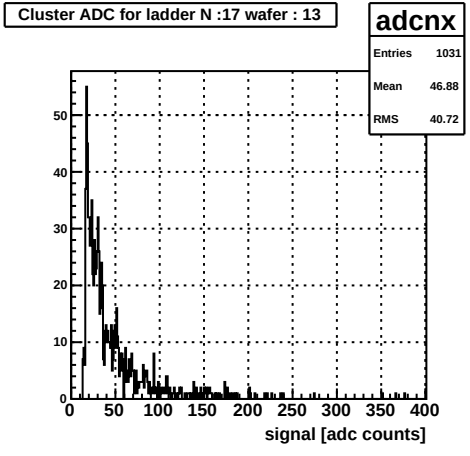

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 398
Mean 66.34
RMS 50.37
signal [adc counts]

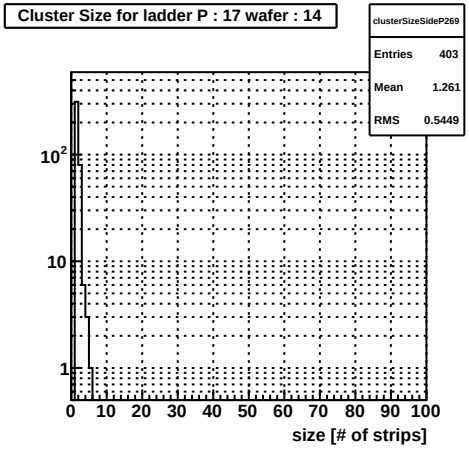

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 800
Mean 1.391
RMS 0.7862
size [# of strips]

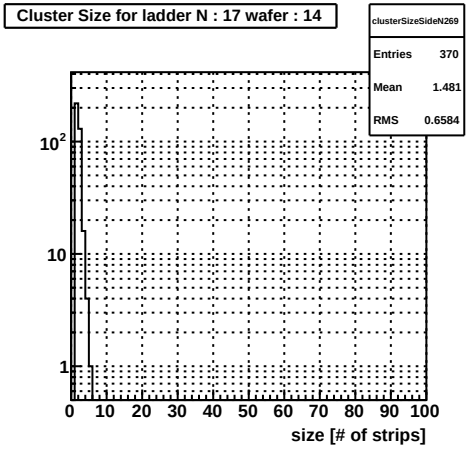

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 1031
Mean 1.52
RMS 1.058
size [# of strips]

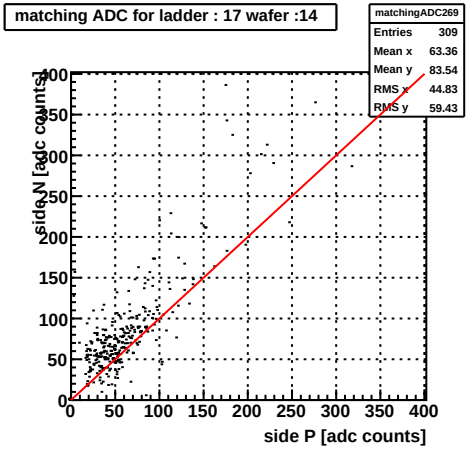

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 396
Mean x 67
Mean y 64.28
RMS x 49.66
RMS y 46.15
side N [adc counts]
side P [adc counts]

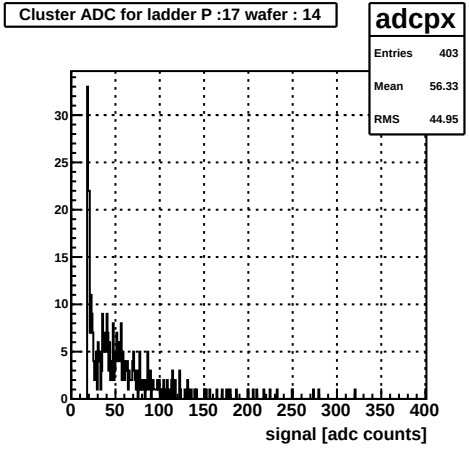

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 800
Mean 56.95
RMS 50.06
signal [adc counts]

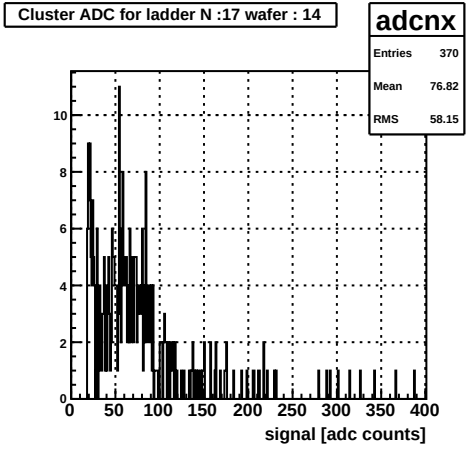

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 1031
Mean 46.88
RMS 40.72
signal [adc counts]

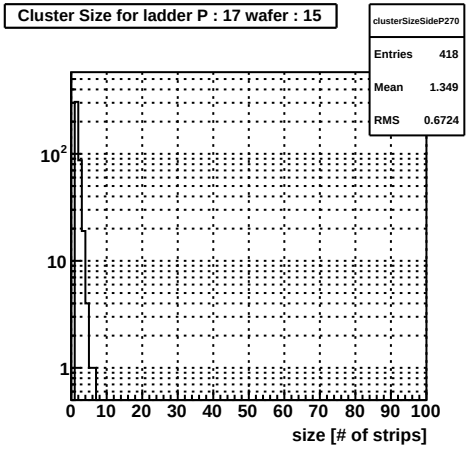

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 403
Mean 1.261
RMS 0.5449
size [# of strips]

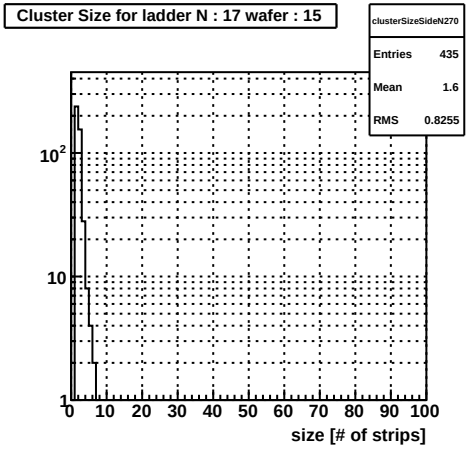

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 370
Mean 1.481
RMS 0.6584
size [# of strips]

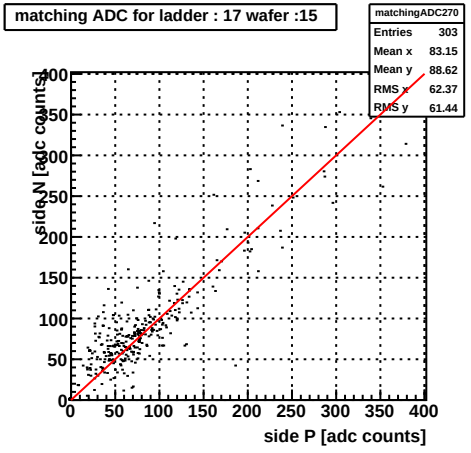

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 309
Mean x 63.36
Mean y 83.54
RMS x 44.83
RMS y 59.43
side N [adc counts]
side P [adc counts]

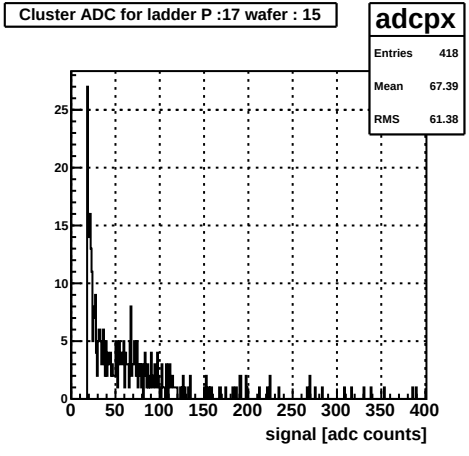

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 403
Mean 56.33
RMS 44.95
signal [adc counts]

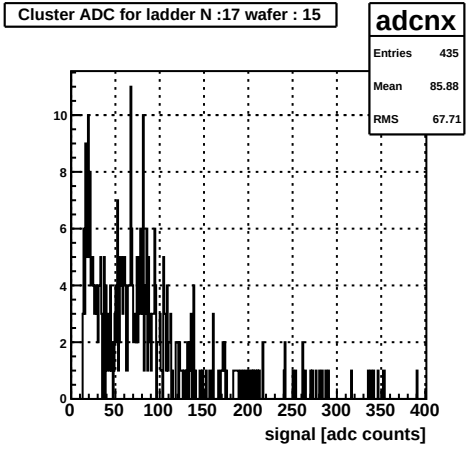

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 370
Mean 76.82
RMS 58.15
signal [adc counts]

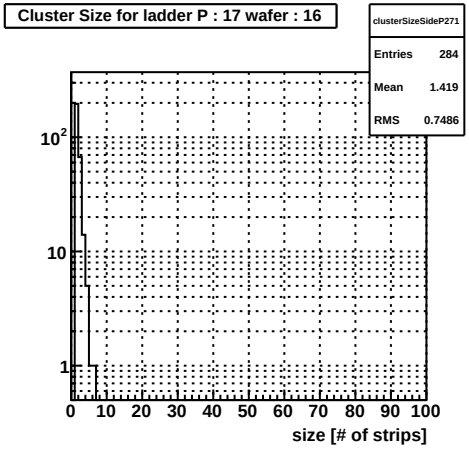

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 418
Mean 1.349
RMS 0.6724
size [# of strips]

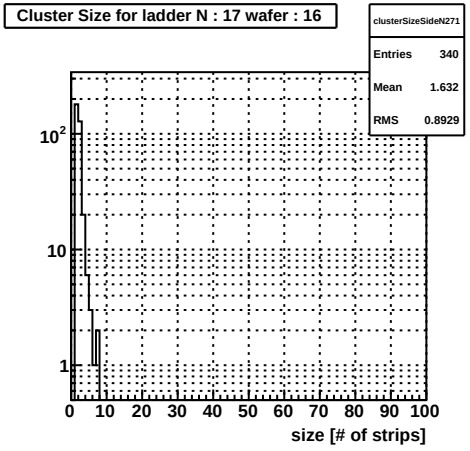

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 435
Mean 1.6
RMS 0.8255
size [# of strips]

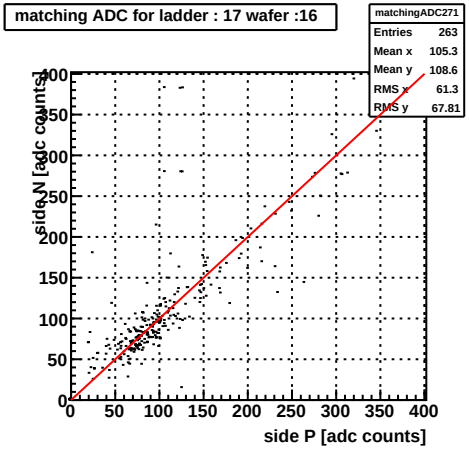

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 303
Mean x 83.15
Mean y 88.62
RMS x 62.37
RMS y 61.44
side N [adc counts]
side P [adc counts]

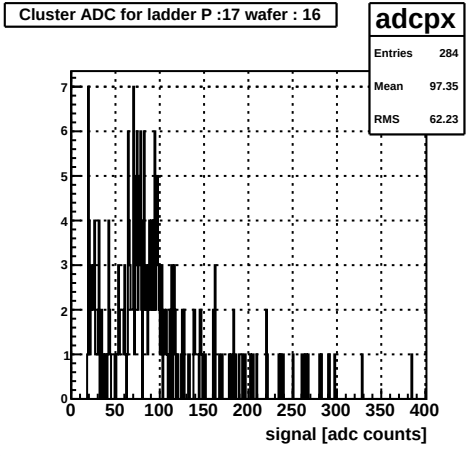

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 418
Mean 67.39
RMS 61.38
signal [adc counts]

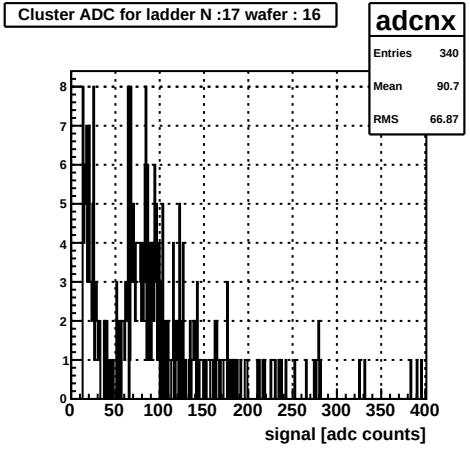

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 435
Mean 85.88
RMS 67.71
signal [adc counts]

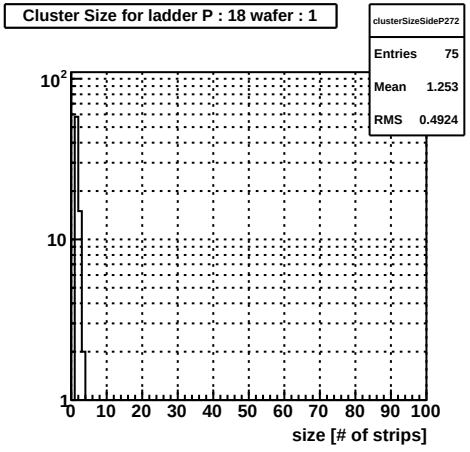

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 284
Mean 1.419
RMS 0.7486
size [# of strips]

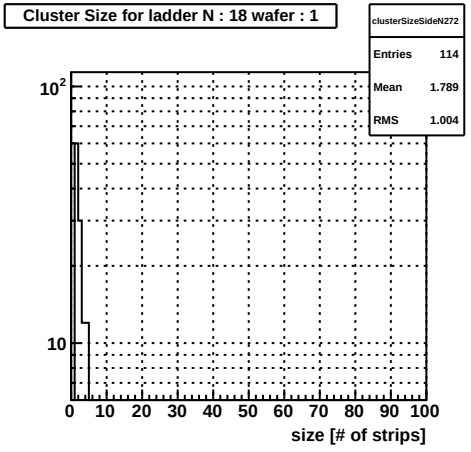

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 340
Mean 1.632
RMS 0.8929
size [# of strips]

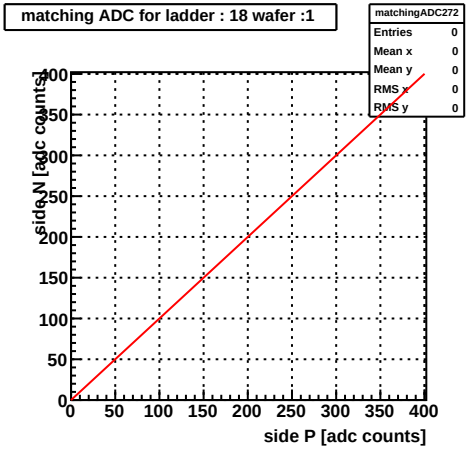

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 263
Mean x 105.3
Mean y 108.6
RMS x 61.3
RMS y 67.81
side N [adc counts]
side P [adc counts]

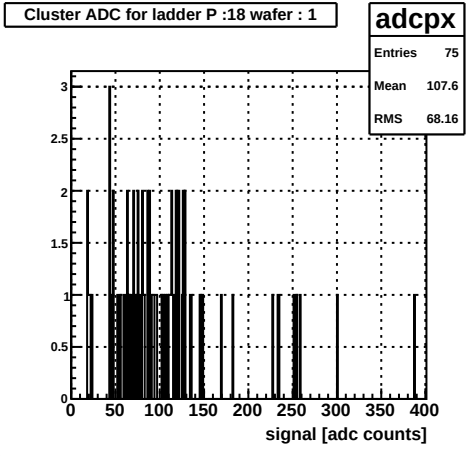

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 284
Mean 97.35
RMS 62.23
signal [adc counts]

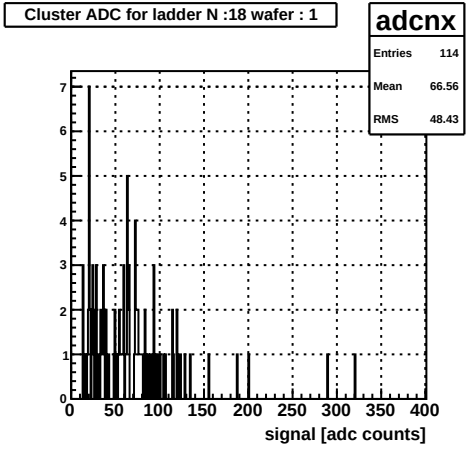

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 340
Mean 90.7
RMS 66.87
signal [adc counts]

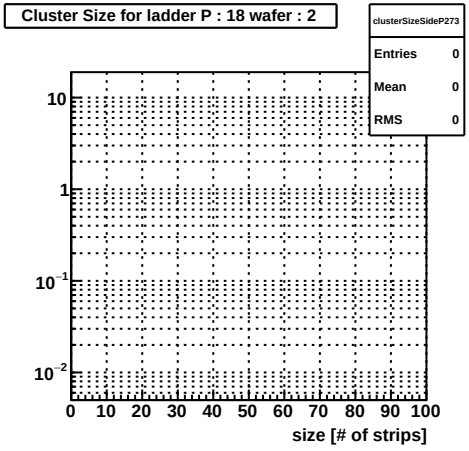

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 75
Mean 1.253
RMS 0.4924
size [# of strips]

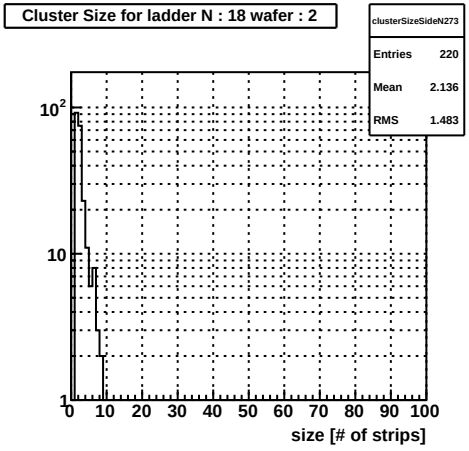

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 114
Mean 1.789
RMS 1.004
size [# of strips]

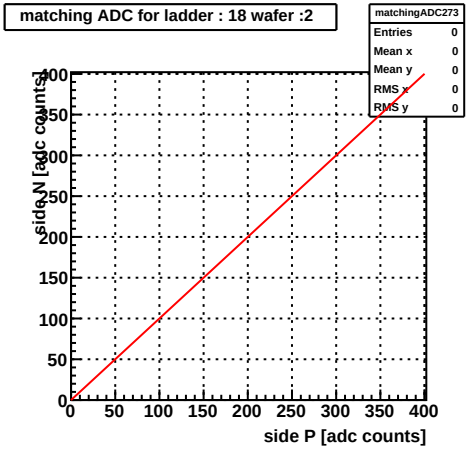

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

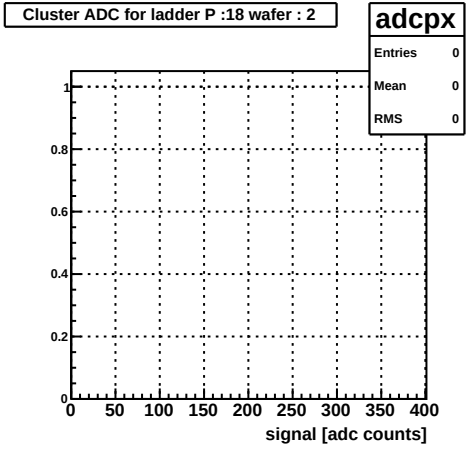

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 75
Mean 107.6
RMS 68.16
signal [adc counts]

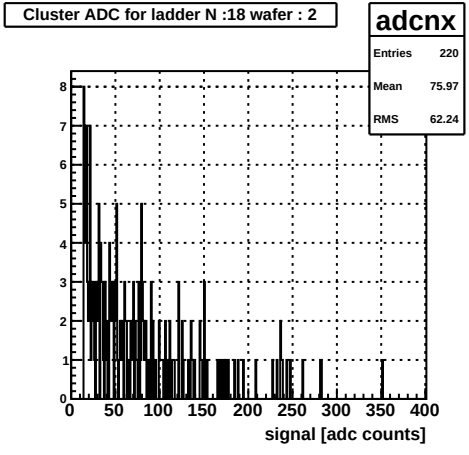

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 114
Mean 66.56
RMS 48.43
signal [adc counts]

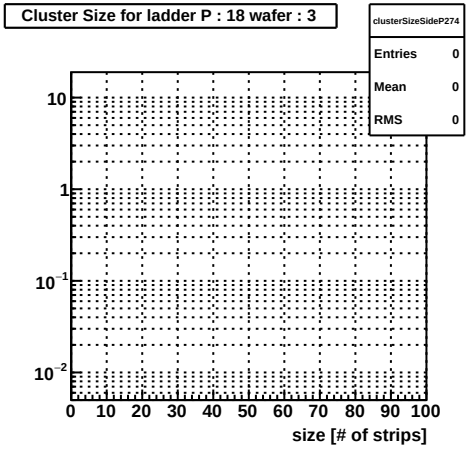

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

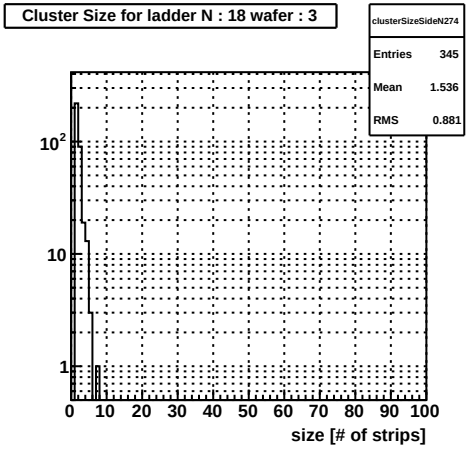

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 220
Mean 2.136
RMS 1.483
size [# of strips]

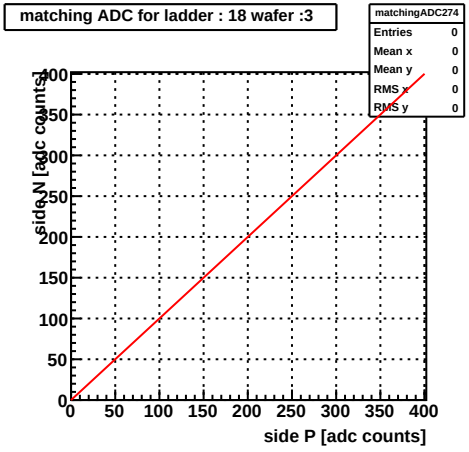

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

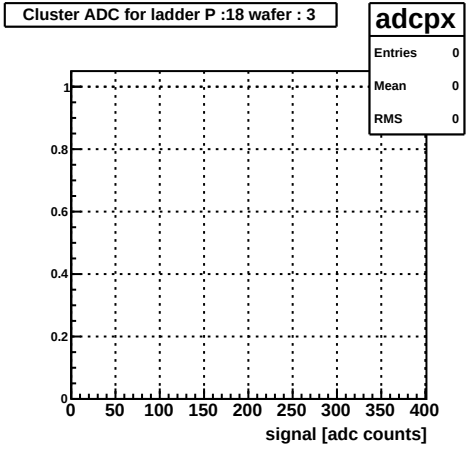

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

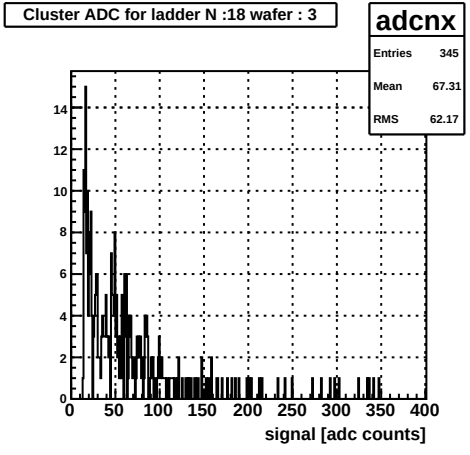

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 220
Mean 75.97
RMS 62.24
signal [adc counts]

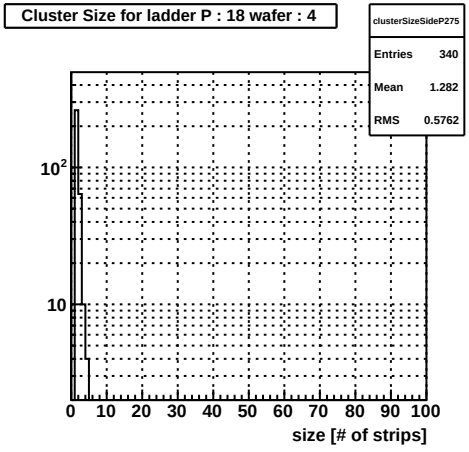

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

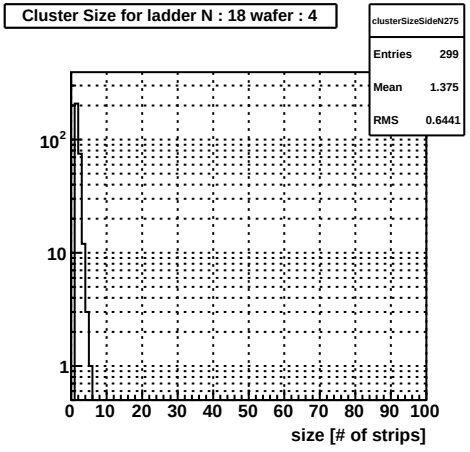

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 345
Mean 1.536
RMS 0.881
size [# of strips]

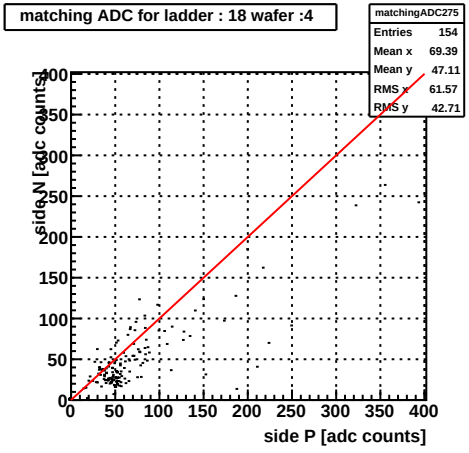

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

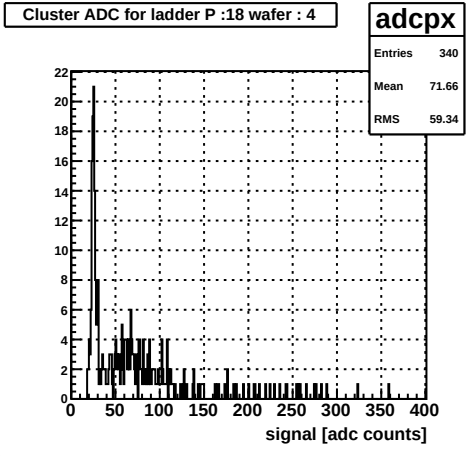

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

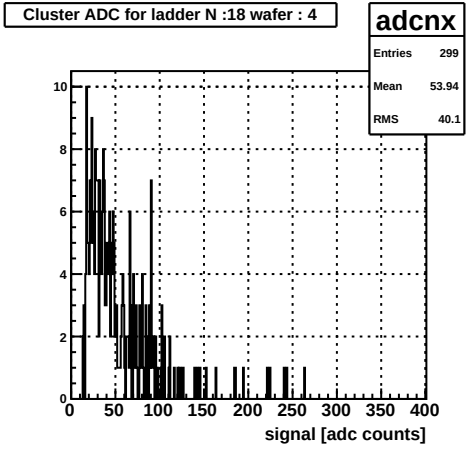

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 345
Mean 67.31
RMS 62.17
signal [adc counts]

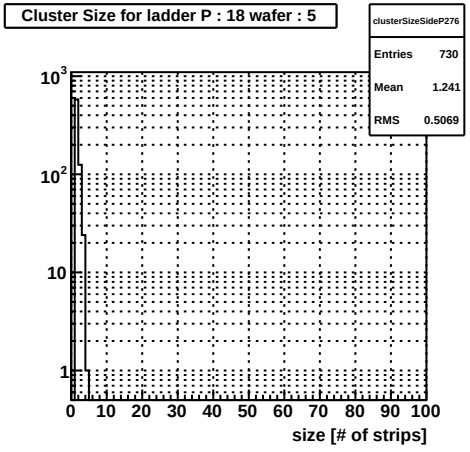

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 340
Mean 1.282
RMS 0.5762
size [# of strips]

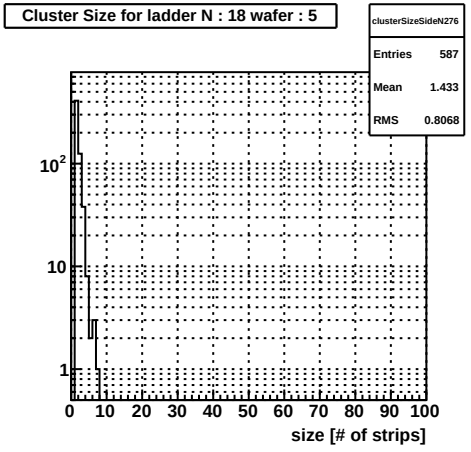

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 299
Mean 1.375
RMS 0.6441
size [# of strips]

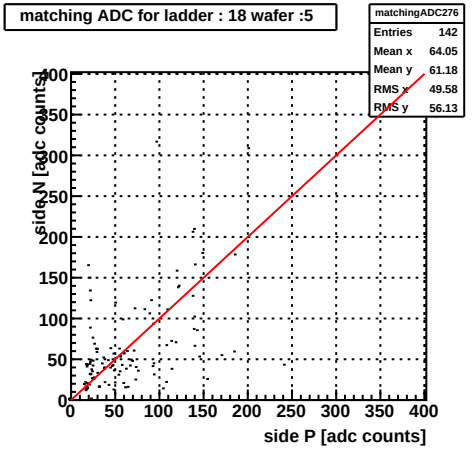

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 154
Mean x 69.39
Mean y 47.11
RMS x 61.57
RMS y 42.71
side N [adc counts]
side P [adc counts]

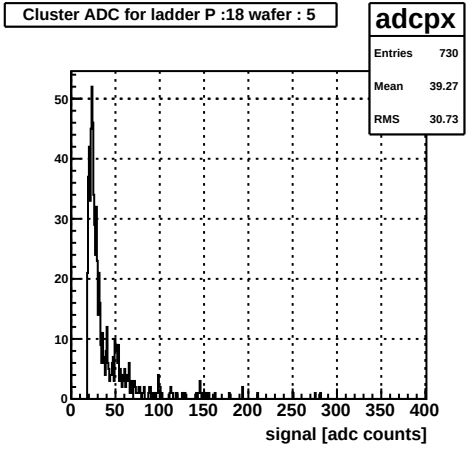

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 340
Mean 71.66
RMS 59.34
signal [adc counts]

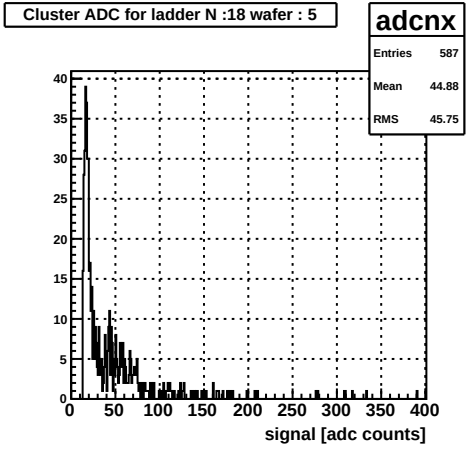

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 299
Mean 53.94
RMS 40.1
signal [adc counts]

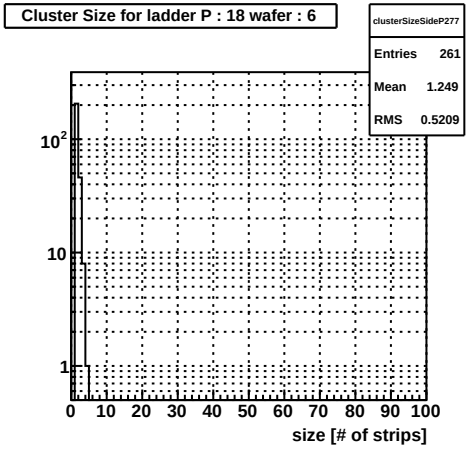

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 730
Mean 1.241
RMS 0.5069
size [# of strips]

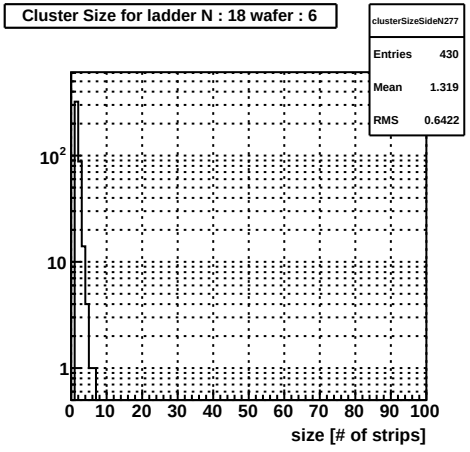

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 587
Mean 1.433
RMS 0.8068
size [# of strips]

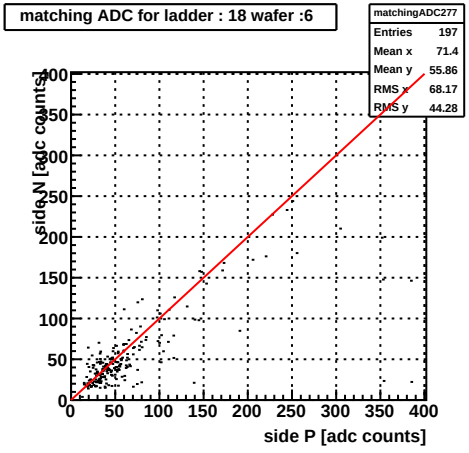

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 142
Mean x 64.05
Mean y 61.18
RMS x 49.58
RMS y 56.13
side N [adc counts]
side P [adc counts]

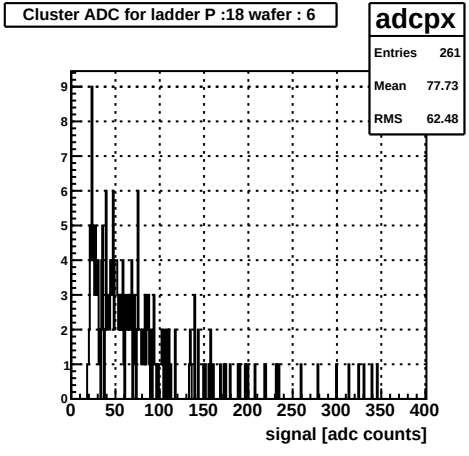

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 730
Mean 39.27
RMS 30.73
signal [adc counts]

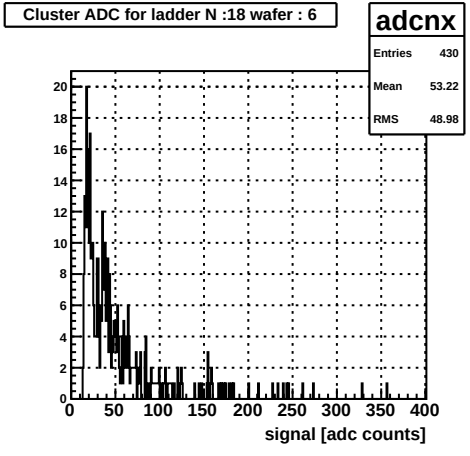

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 587
Mean 44.88
RMS 45.75
signal [adc counts]

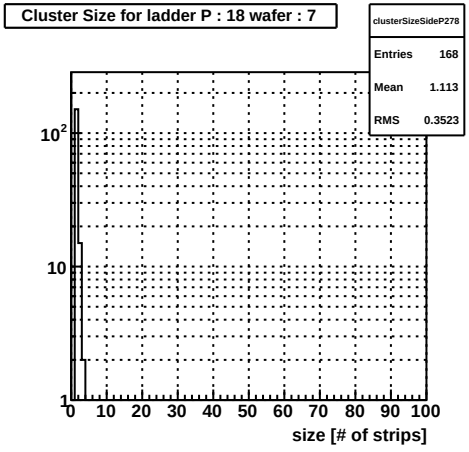

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 261
Mean 1.249
RMS 0.5209
size [# of strips]

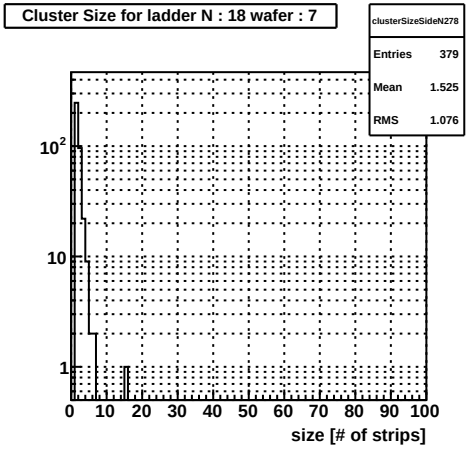

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 430
Mean 1.319
RMS 0.6422
size [# of strips]

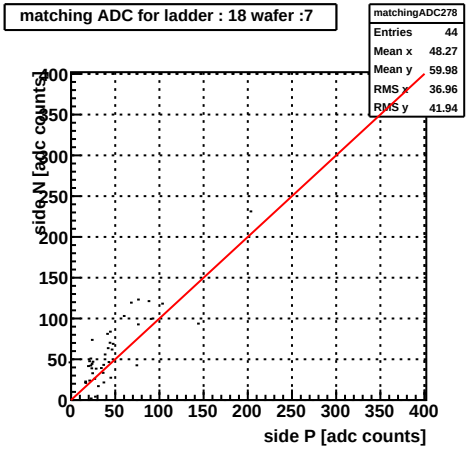

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 197
Mean x 71.4
Mean y 55.86
RMS x 68.17
RMS y 44.28
side N [adc counts]
side P [adc counts]

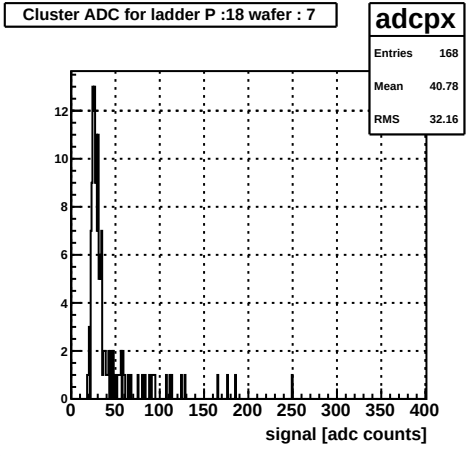

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 261
Mean 77.73
RMS 62.48
signal [adc counts]

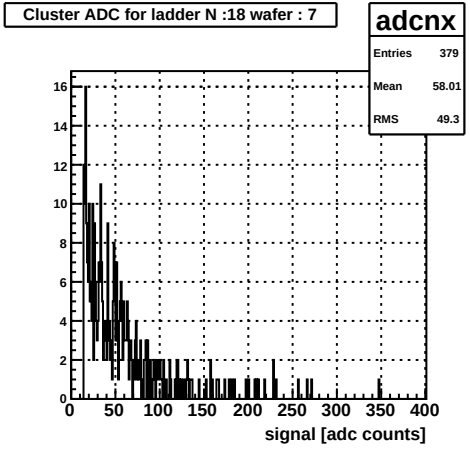

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 430
Mean 53.22
RMS 48.98
signal [adc counts]

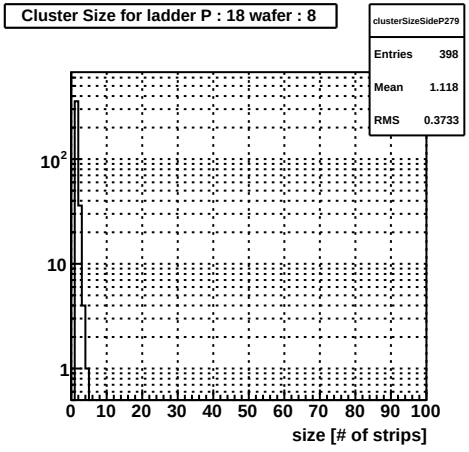

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 168
Mean 1.113
RMS 0.3523
size [# of strips]

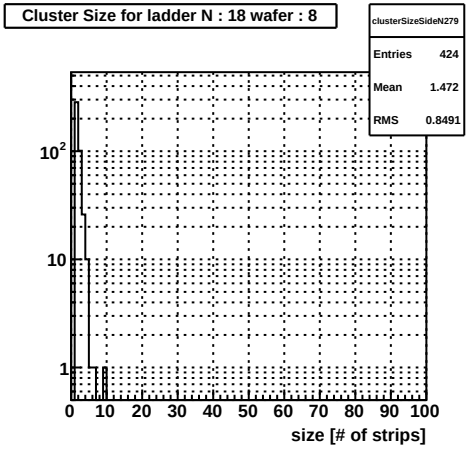

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 379
Mean 1.525
RMS 1.076
size [# of strips]

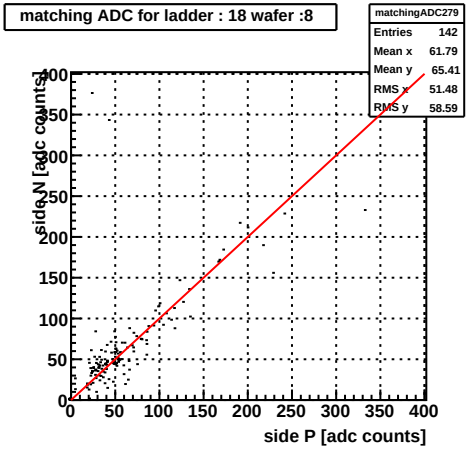

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 44
Mean x 48.27
Mean y 59.98
RMS x 36.96
RMS y 41.94
side N [adc counts]
side P [adc counts]

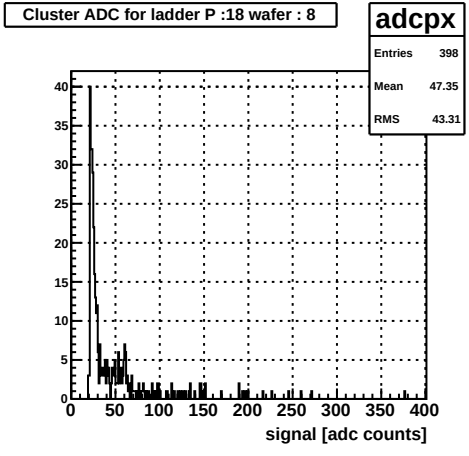

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 168
Mean 40.78
RMS 32.16
signal [adc counts]

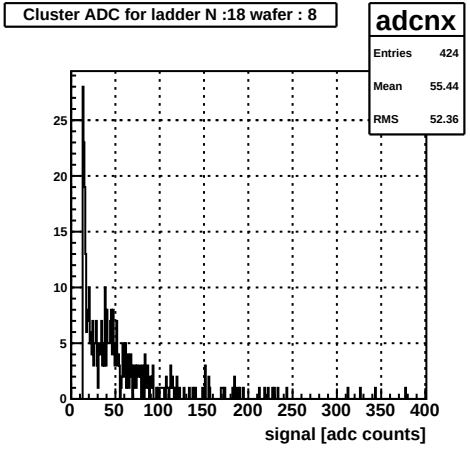

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 379
Mean 58.01
RMS 49.3
signal [adc counts]

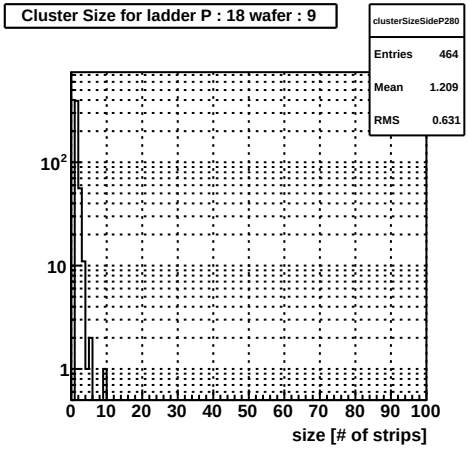

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 398
Mean 1.118
RMS 0.3733
size [# of strips]

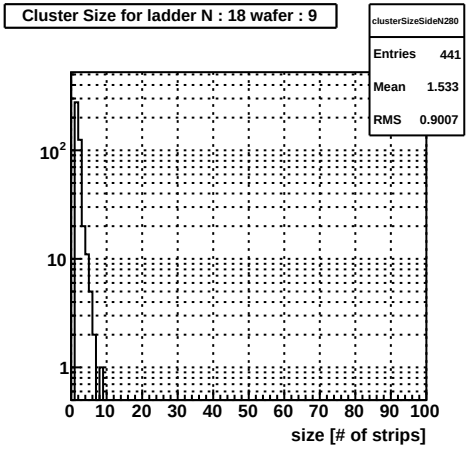

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 424
Mean 1.472
RMS 0.8491
size [# of strips]

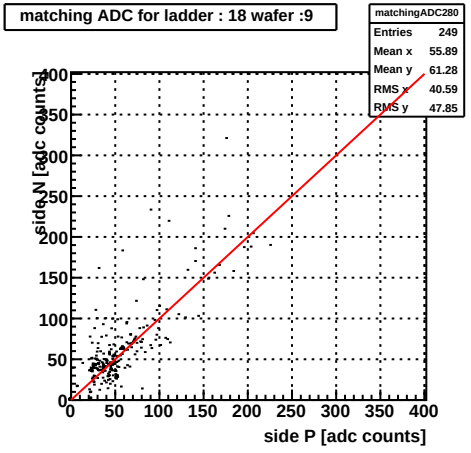

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 142
Mean x 61.79
Mean y 65.41
RMS x 51.48
RMS y 58.59
side N [adc counts]
side P [adc counts]

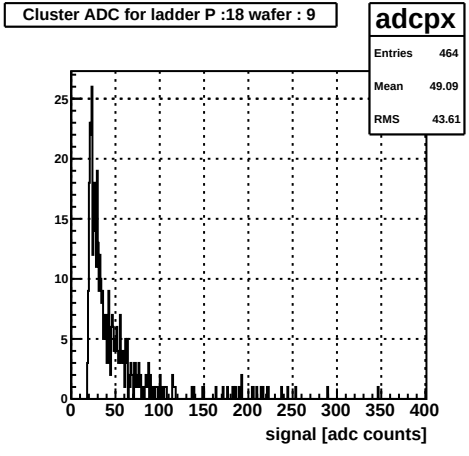

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 398
Mean 47.35
RMS 43.31
signal [adc counts]

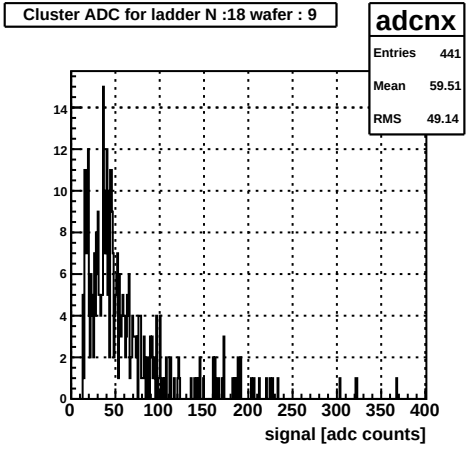

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 424
Mean 55.44
RMS 52.36
signal [adc counts]

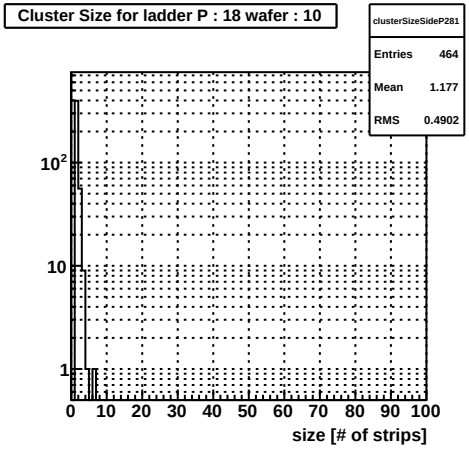

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 464
Mean 1.209
RMS 0.631
size [# of strips]

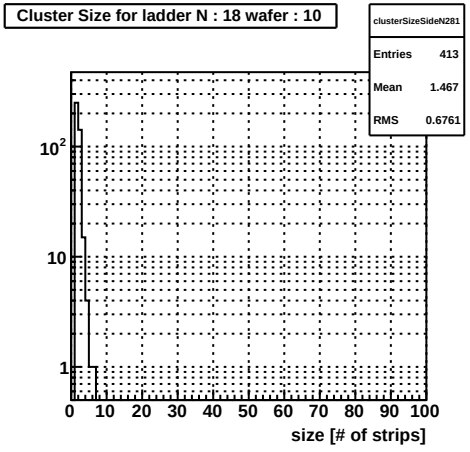

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 441
Mean 1.533
RMS 0.9007
size [# of strips]

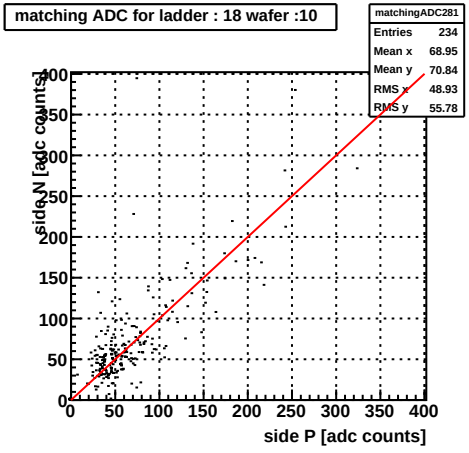

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 249
Mean x 55.89
Mean y 61.28
RMS x 40.59
RMS y 47.85
side N [adc counts]
side P [adc counts]

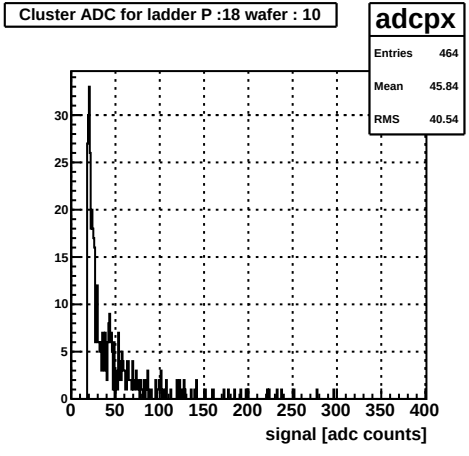

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 464
Mean 49.09
RMS 43.61
signal [adc counts]

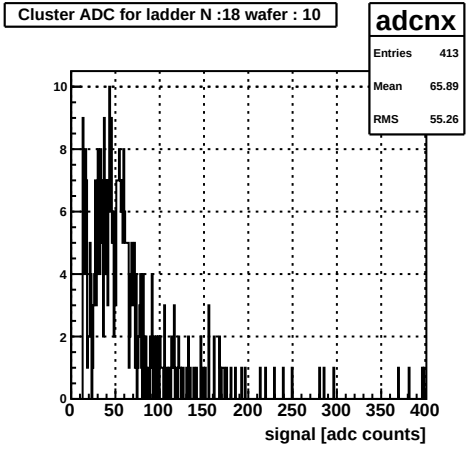

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 441
Mean 59.51
RMS 49.14
signal [adc counts]

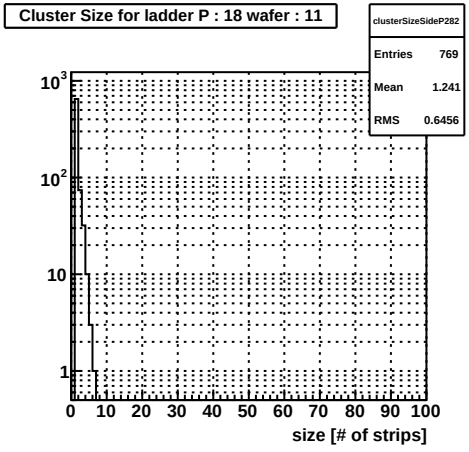

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 464
Mean 1.177
RMS 0.4902
size [# of strips]

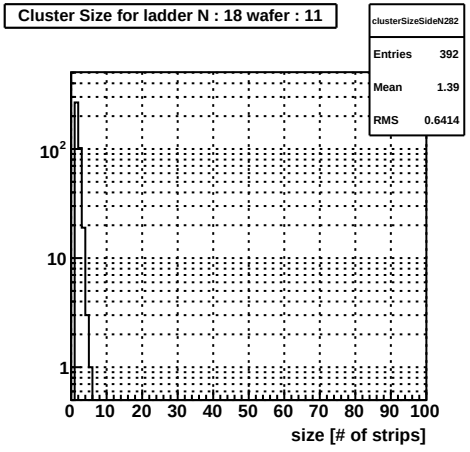

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 413
Mean 1.467
RMS 0.6761
size [# of strips]

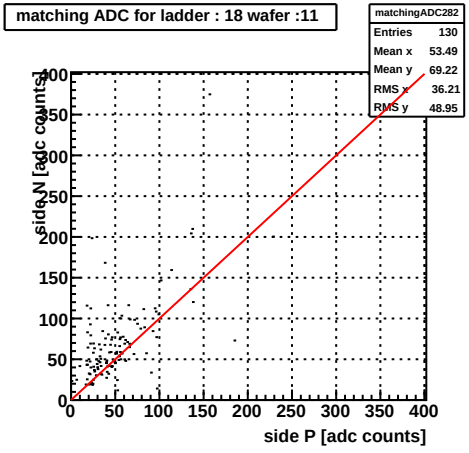

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 234
Mean x 68.95
Mean y 70.84
RMS x 48.93
RMS y 55.78
side N [adc counts]
side P [adc counts]

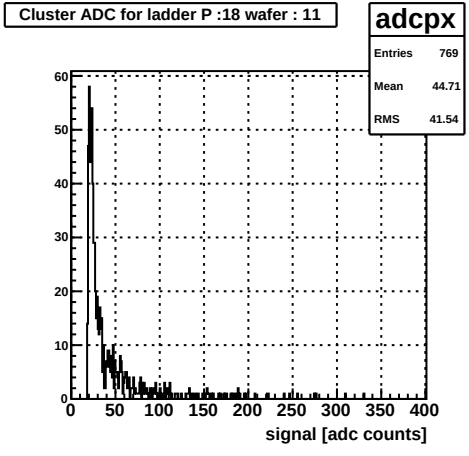

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 464
Mean 45.84
RMS 40.54
signal [adc counts]

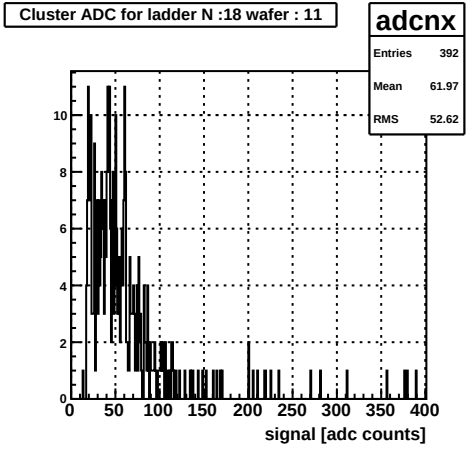

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 413
Mean 65.89
RMS 55.26
signal [adc counts]

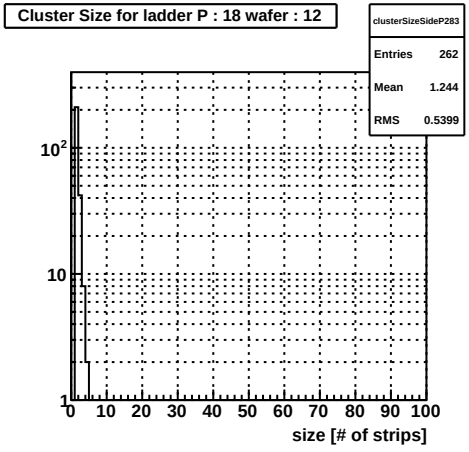

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 769
Mean 1.241
RMS 0.6456
size [# of strips]

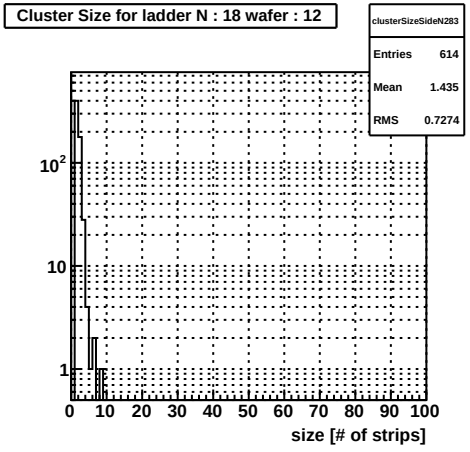

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 392
Mean 1.39
RMS 0.6414
size [# of strips]

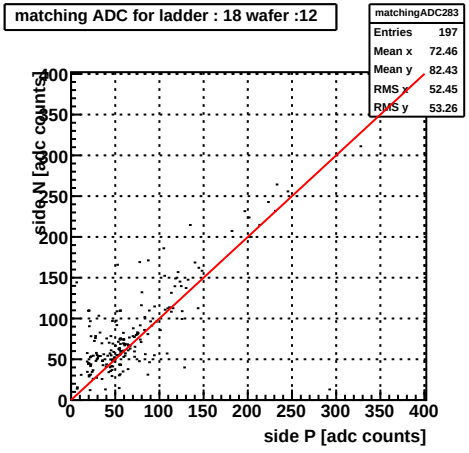

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 130
Mean x 53.49
Mean y 69.22
RMS x 36.21
RMS y 48.95
side N [adc counts]
side P [adc counts]

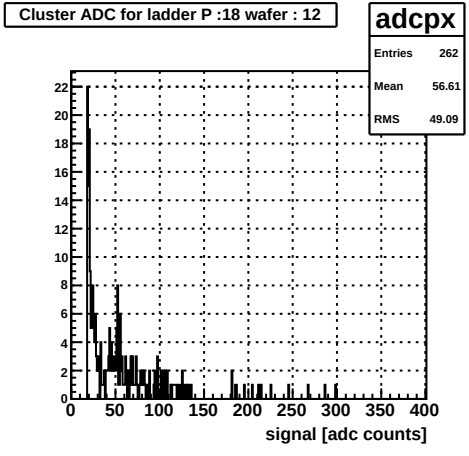

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 769
Mean 44.71
RMS 41.54
signal [adc counts]

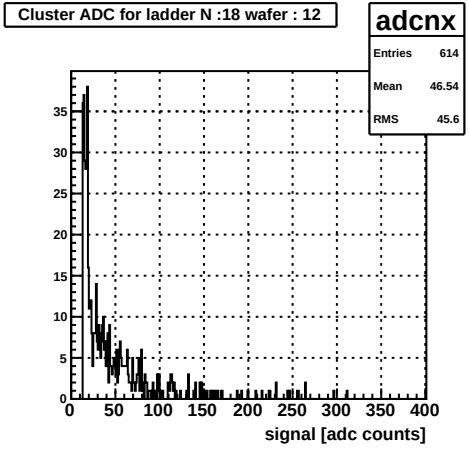

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 392
Mean 61.97
RMS 52.62
signal [adc counts]

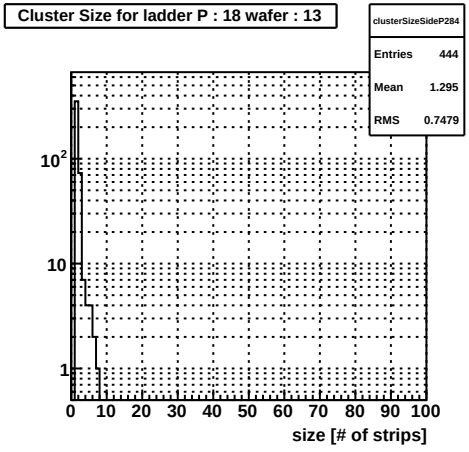

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 262
Mean 1.244
RMS 0.5399
size [# of strips]

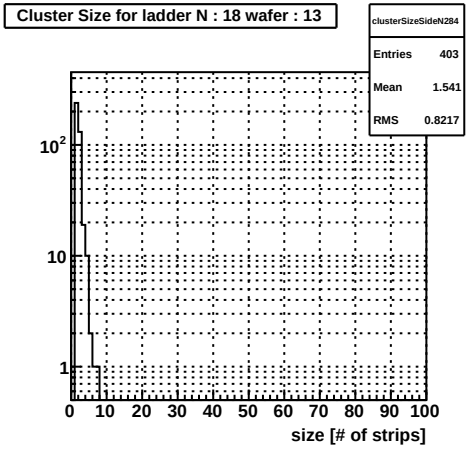

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 614
Mean 1.435
RMS 0.7274
size [# of strips]

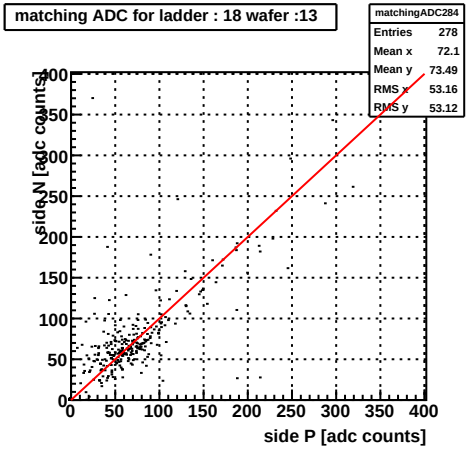

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 197
Mean x 72.46
Mean y 82.43
RMS x 52.45
RMS y 53.26
side N [adc counts]
side P [adc counts]

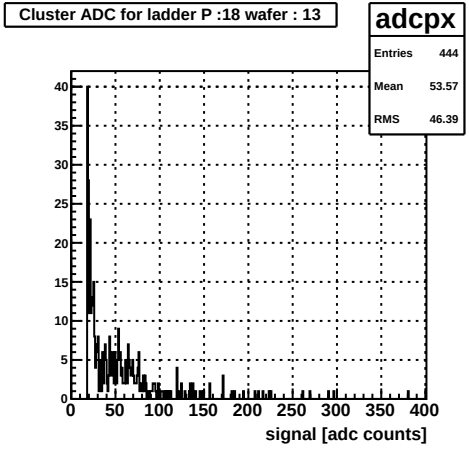

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 262
Mean 56.61
RMS 49.09
signal [adc counts]

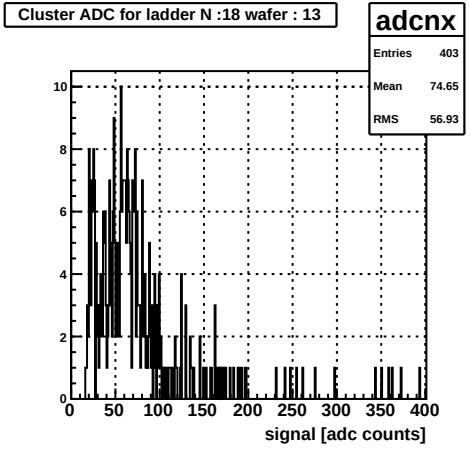

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 614
Mean 46.54
RMS 45.6
signal [adc counts]

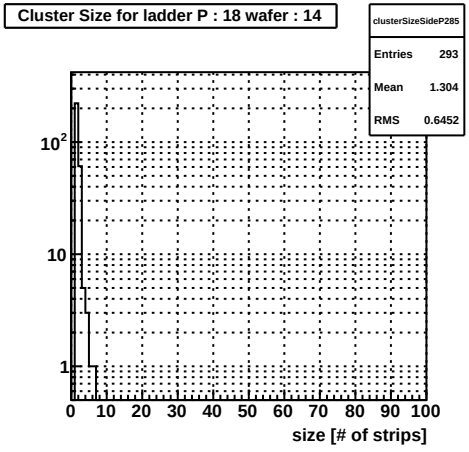

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 444
Mean 1.295
RMS 0.7479
size [# of strips]

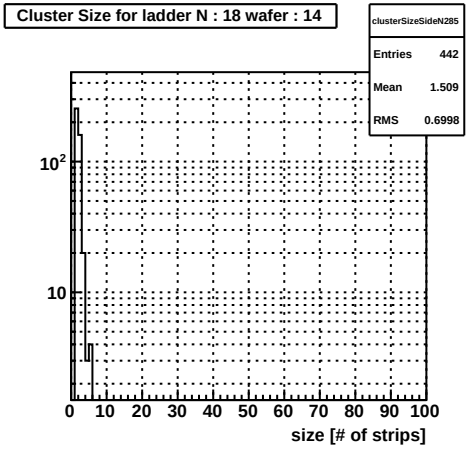

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 403
Mean 1.541
RMS 0.8217
size [# of strips]

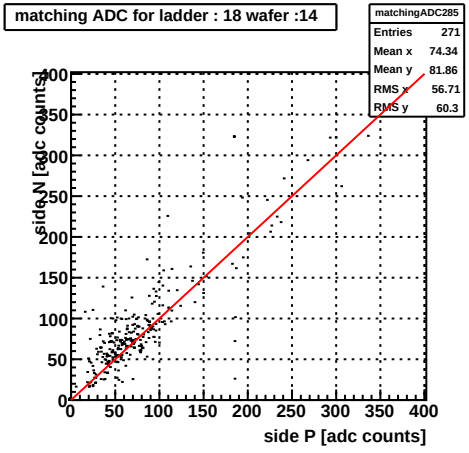

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 278
Mean x 72.1
Mean y 73.49
RMS x 53.16
RMS y 53.12
side N [adc counts]
side P [adc counts]

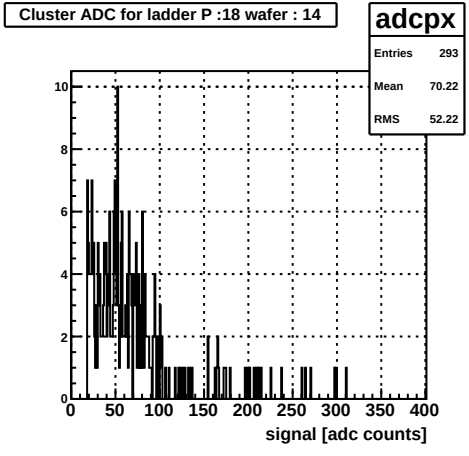

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 444
Mean 53.57
RMS 46.39
signal [adc counts]

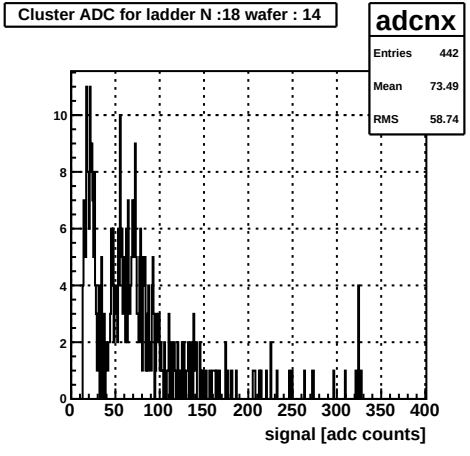

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 403
Mean 74.65
RMS 56.93
signal [adc counts]

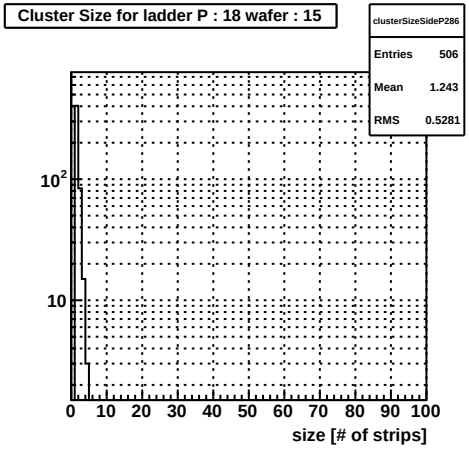

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 293
Mean 1.304
RMS 0.6452
size [# of strips]

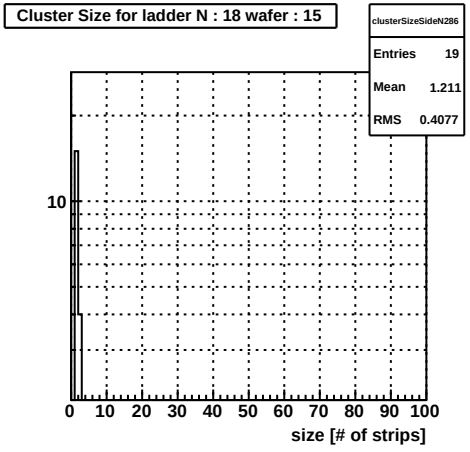

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 442
Mean 1.509
RMS 0.6998
size [# of strips]

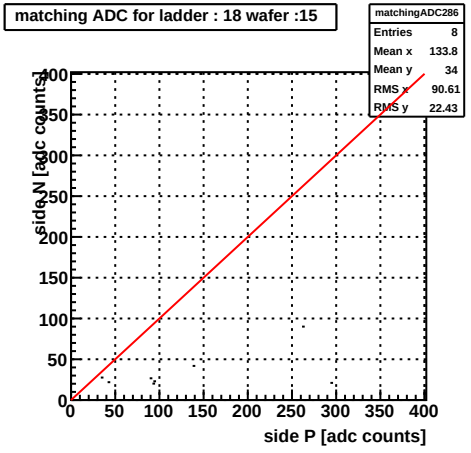

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 271
Mean x 74.34
Mean y 81.86
RMS x 56.71
RMS y 60.3
side N [adc counts]
side P [adc counts]

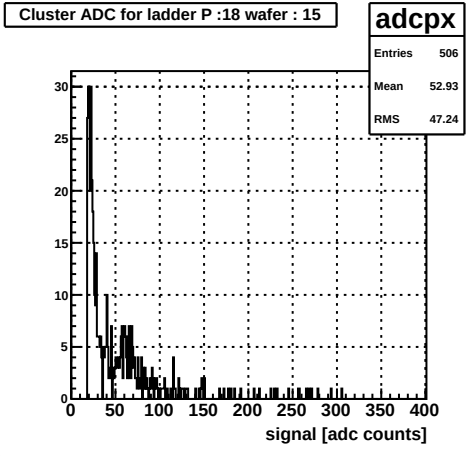

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 293
Mean 70.22
RMS 52.22
signal [adc counts]

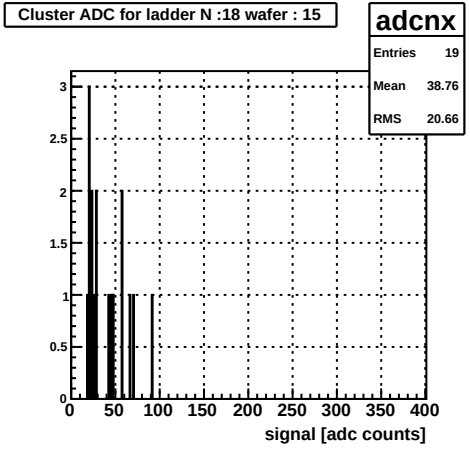

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 442
Mean 73.49
RMS 58.74
signal [adc counts]

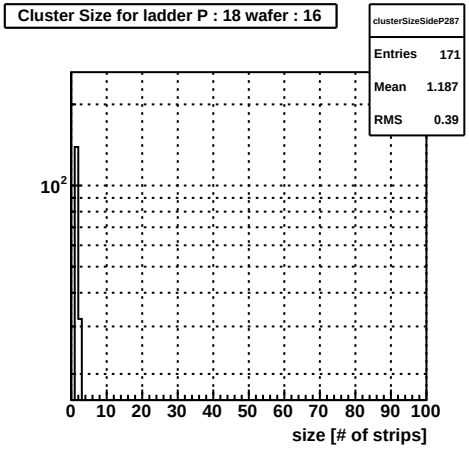

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 506
Mean 1.243
RMS 0.5281
size [# of strips]

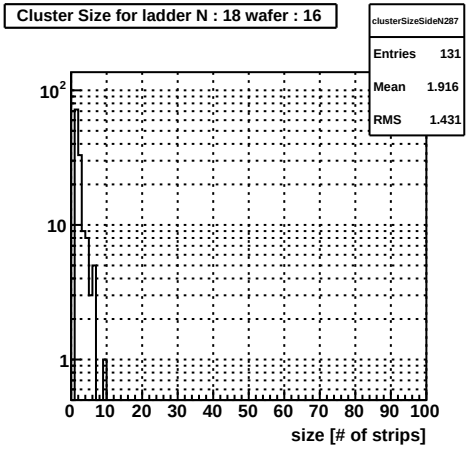

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 19
Mean 1.211
RMS 0.4077
size [# of strips]

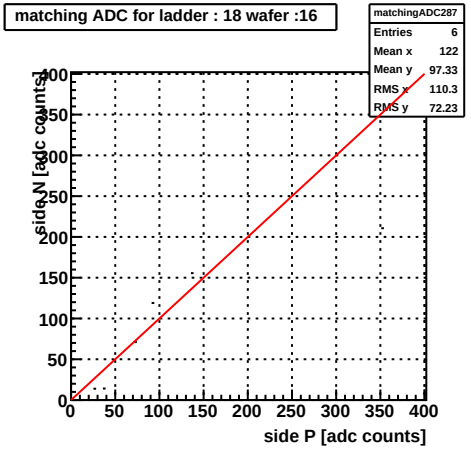

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 8
Mean x 133.8
Mean y 34
RMS x 90.61
RMS y 22.43
side N [adc counts]
side P [adc counts]

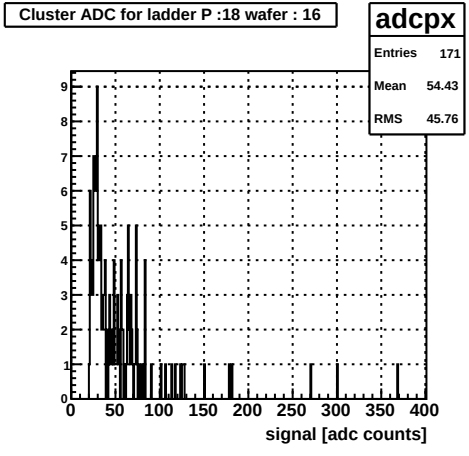

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 506
Mean 52.93
RMS 47.24
signal [adc counts]

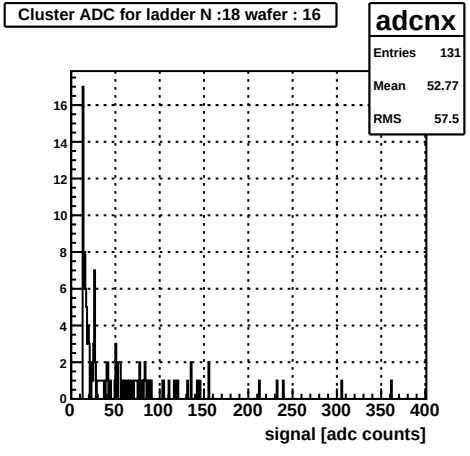

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 19
Mean 38.76
RMS 20.66
signal [adc counts]

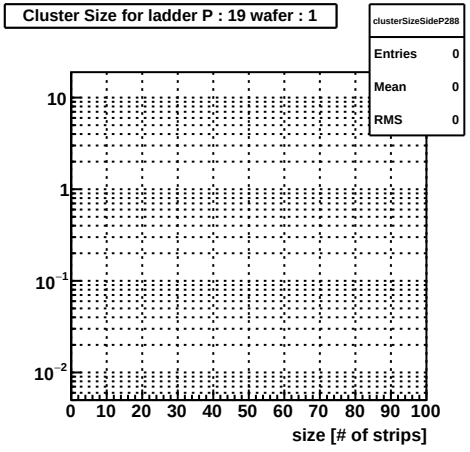

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 171
Mean 1.187
RMS 0.39
size [# of strips]

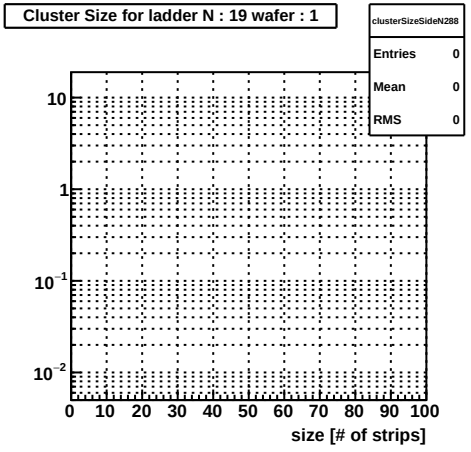

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 131
Mean 1.916
RMS 1.431
size [# of strips]

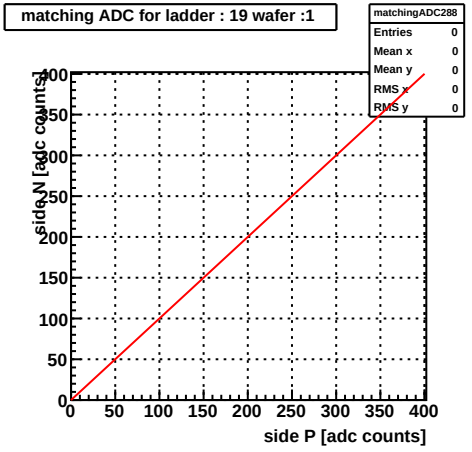

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 6
Mean x 122
Mean y 97.33
RMS x 110.3
RMS y 72.23
side N [adc counts]
side P [adc counts]

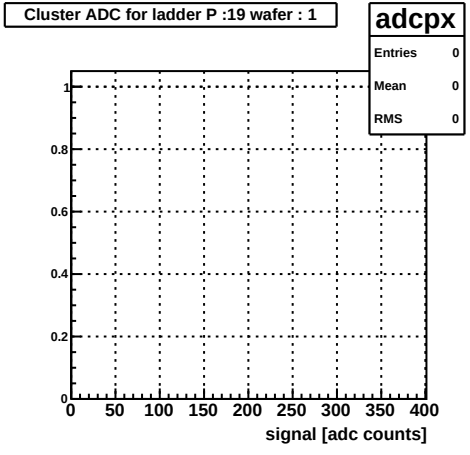

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 171
Mean 54.43
RMS 45.76
signal [adc counts]

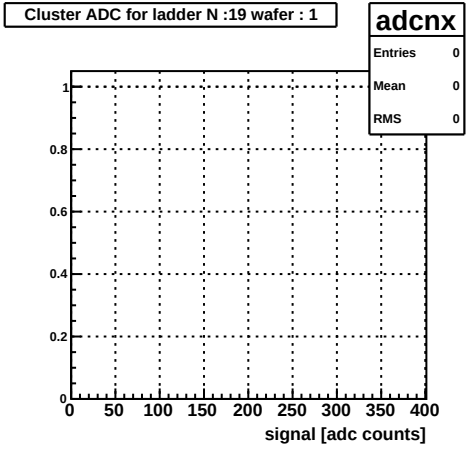

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 131
Mean 52.77
RMS 57.5
signal [adc counts]

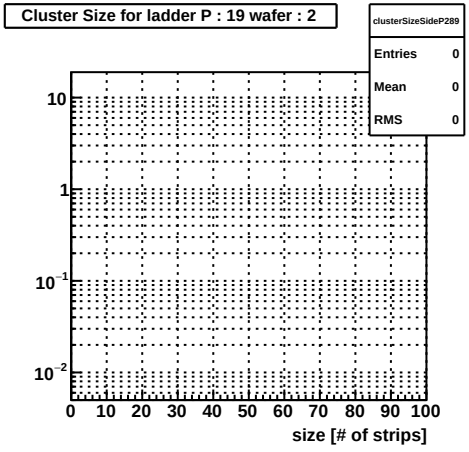

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

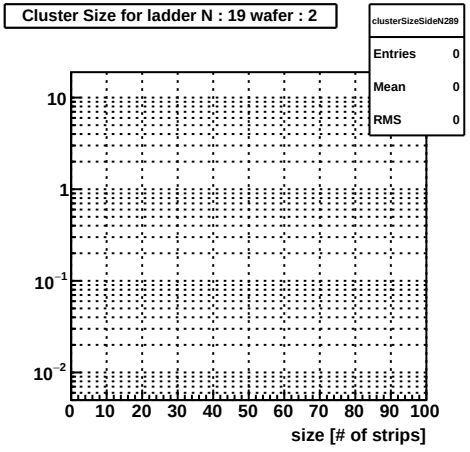

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

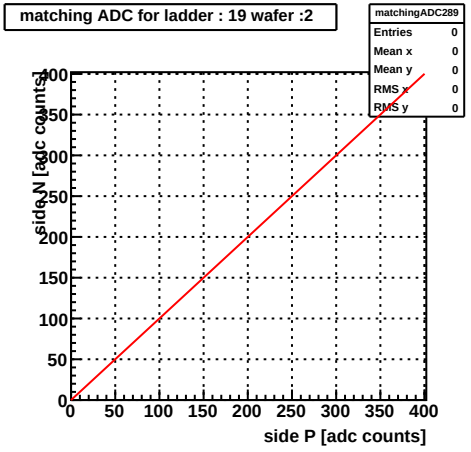

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

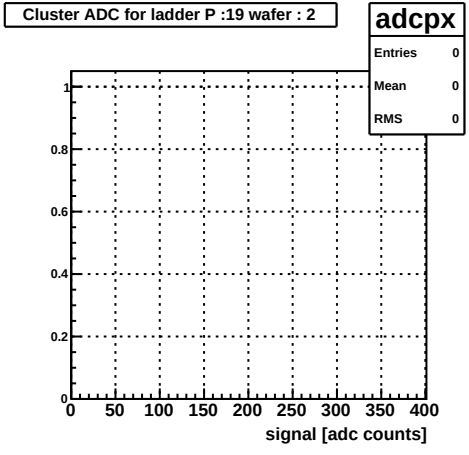

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

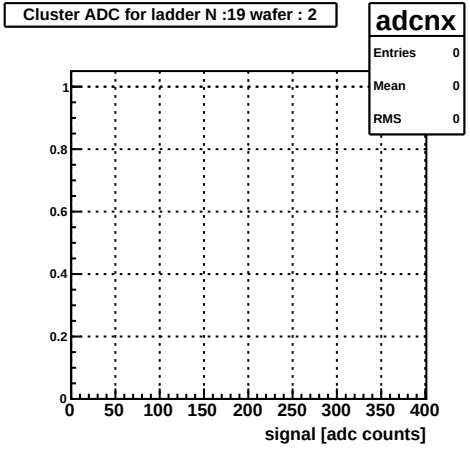

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

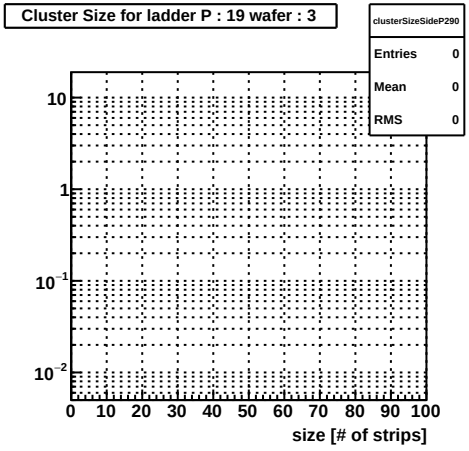

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

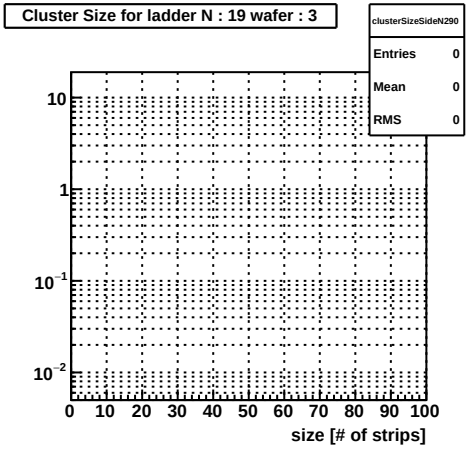

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

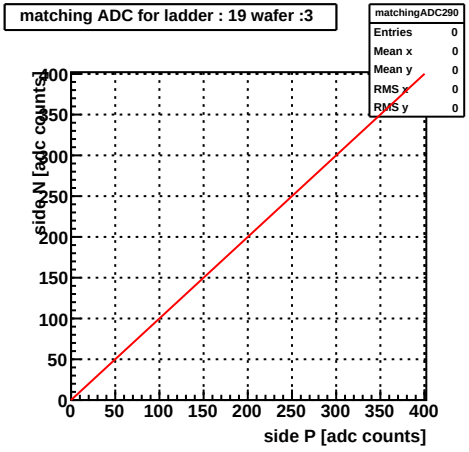

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

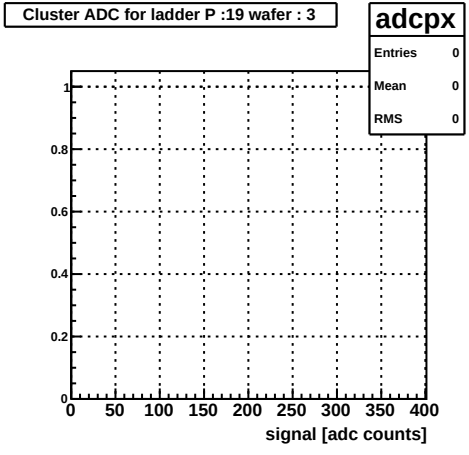

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

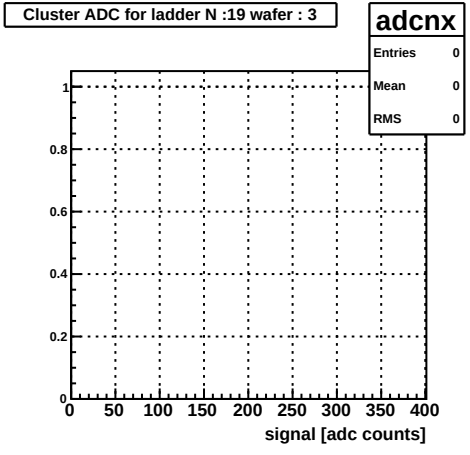

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

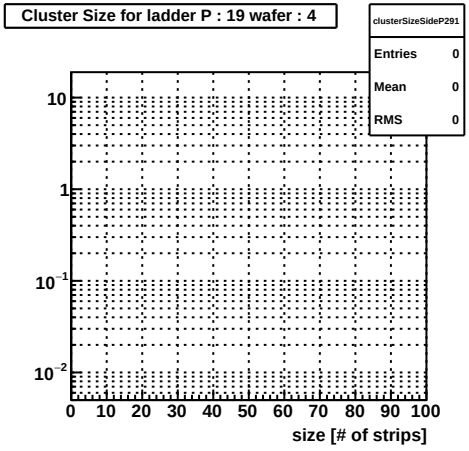

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

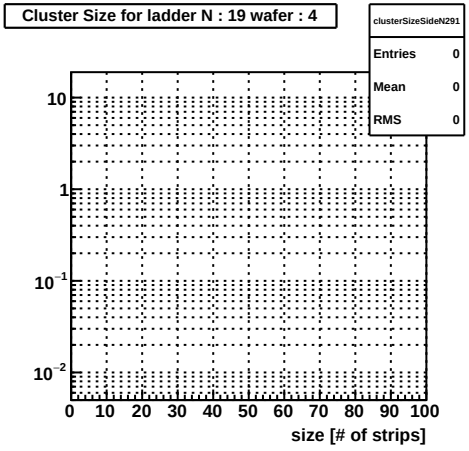

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

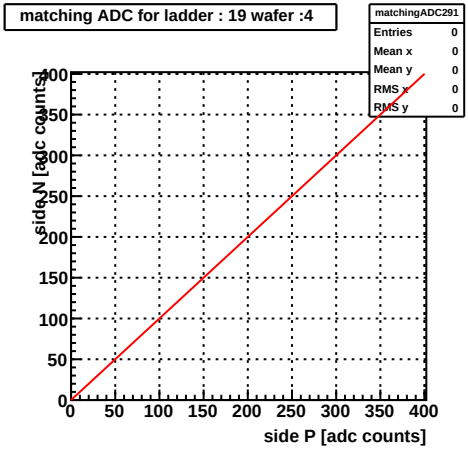

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

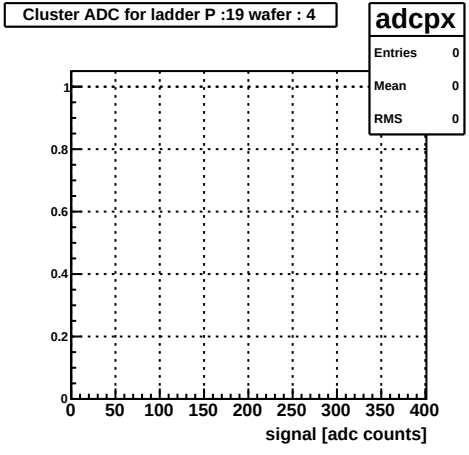

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

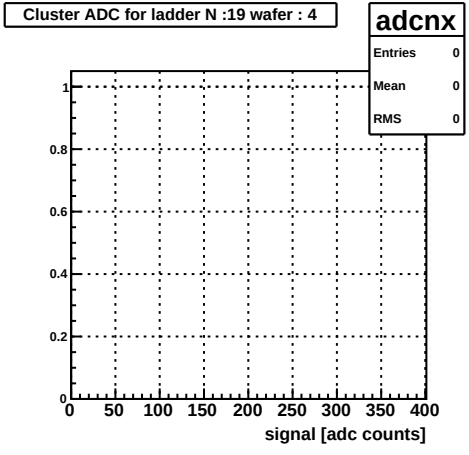

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

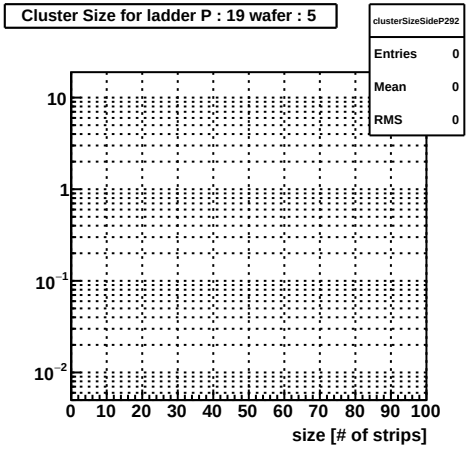

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

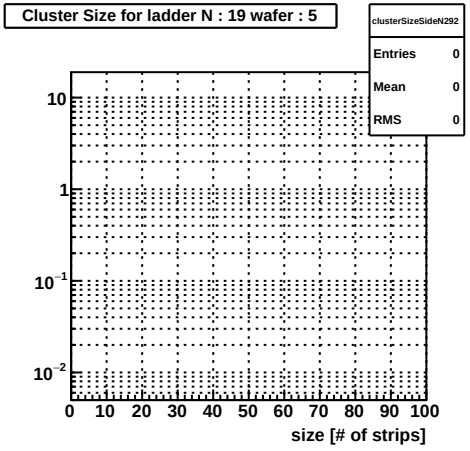

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

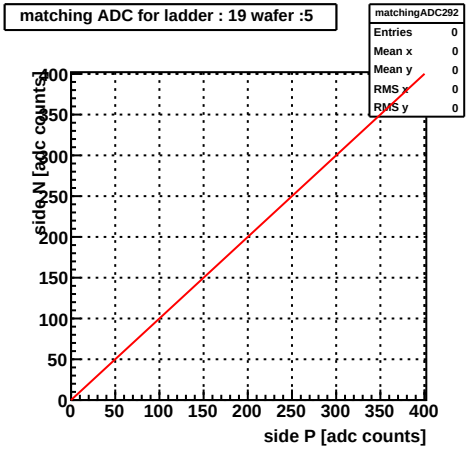

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

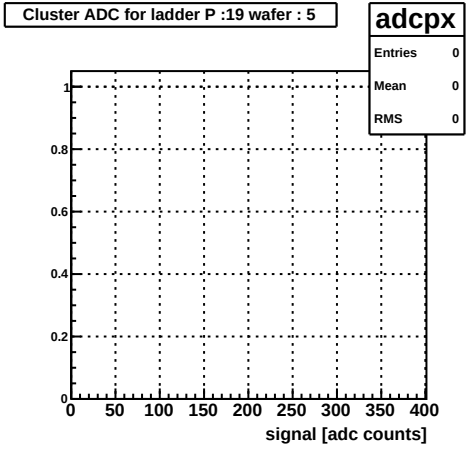

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

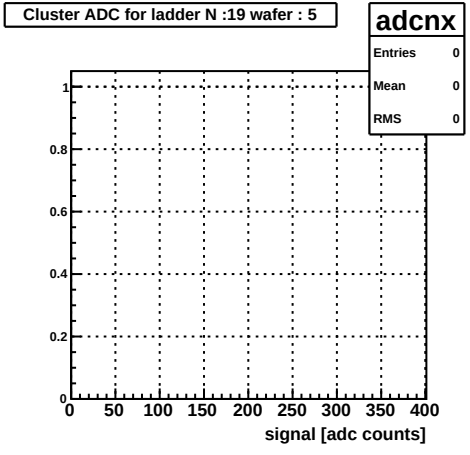

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

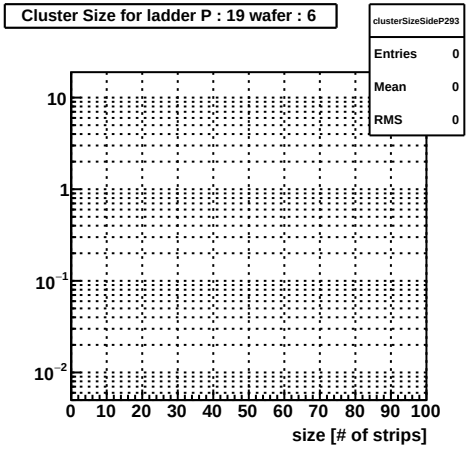

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

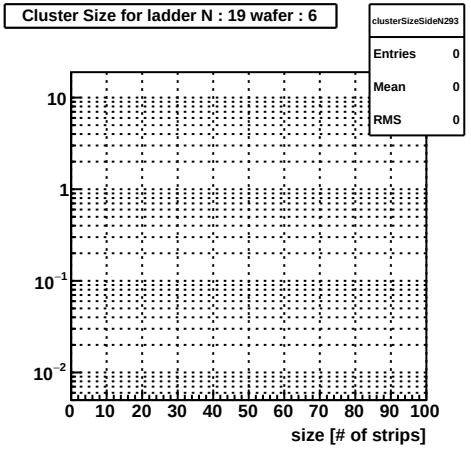

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

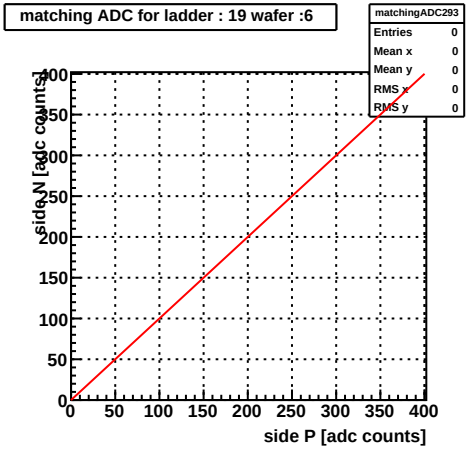

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

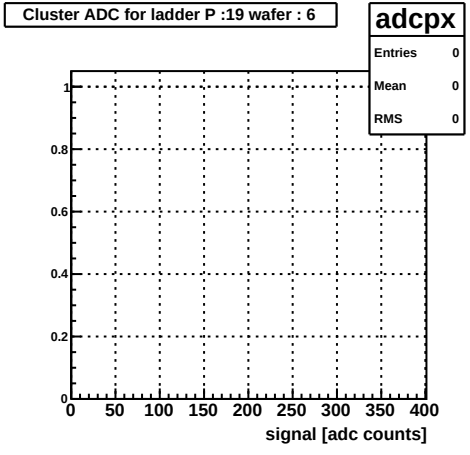

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

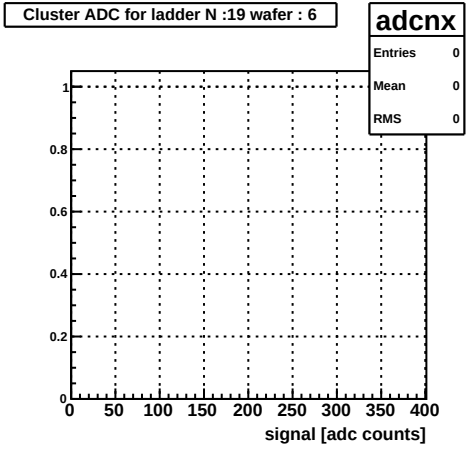

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

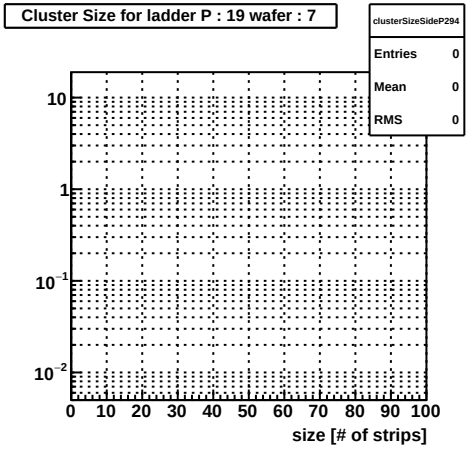

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

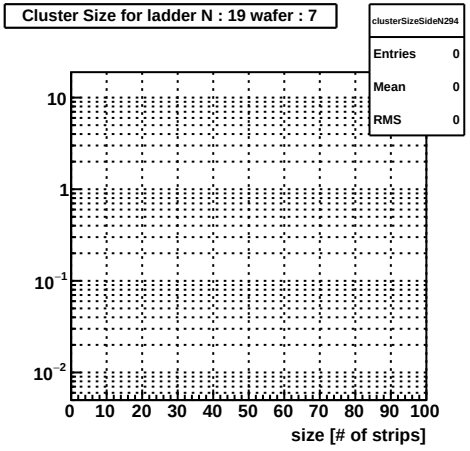

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

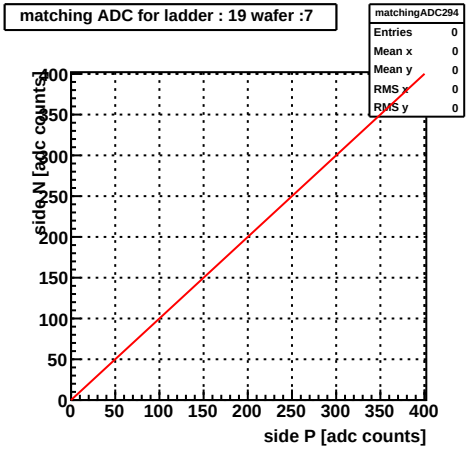

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

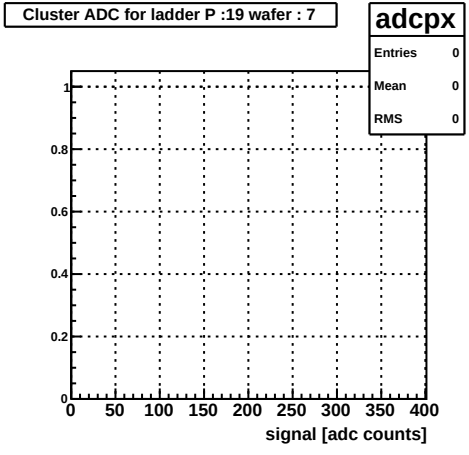

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

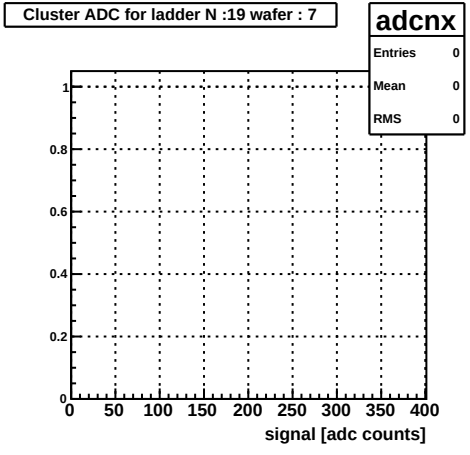

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

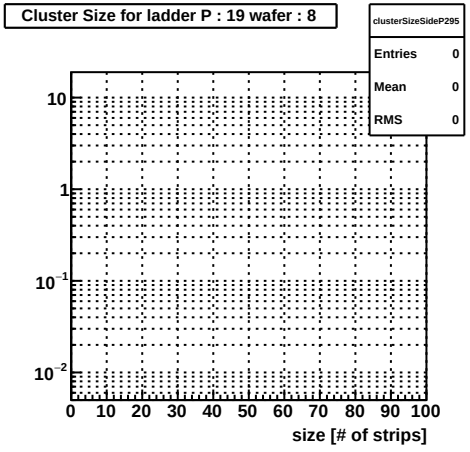

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

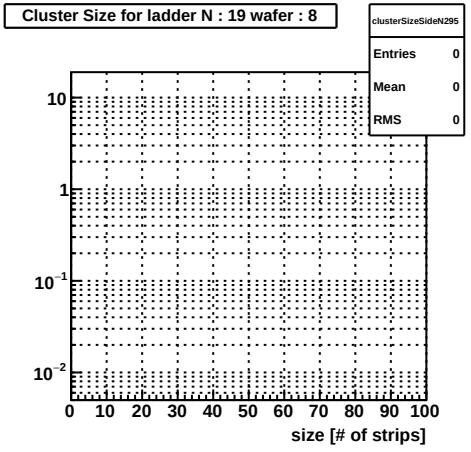

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

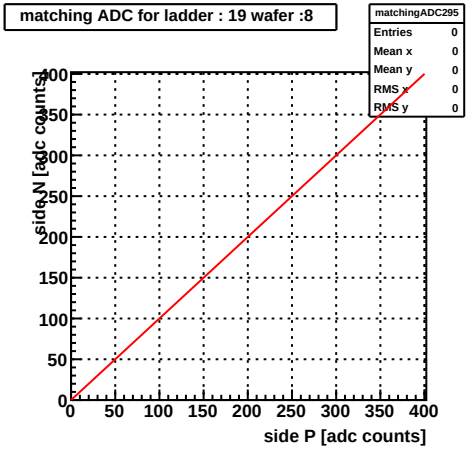

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

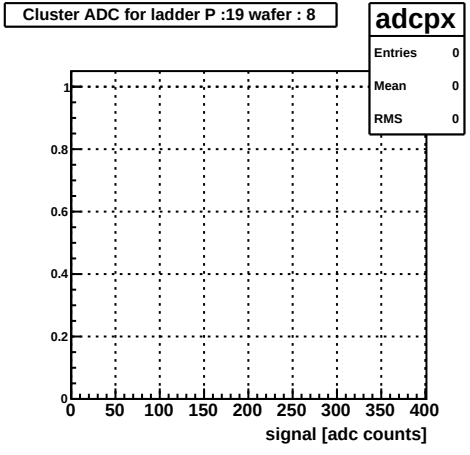

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

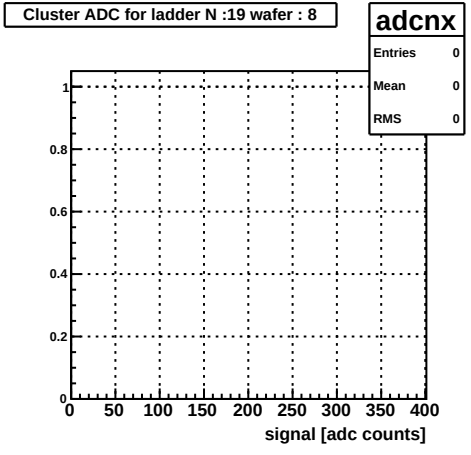

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

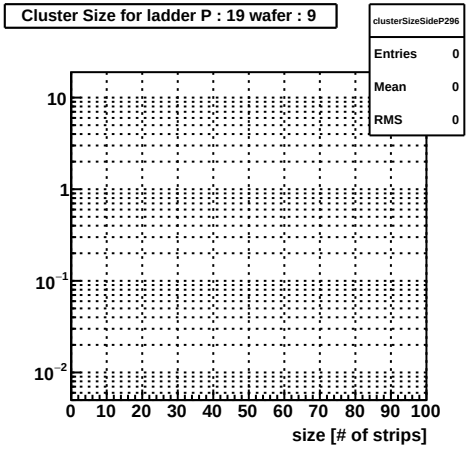

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

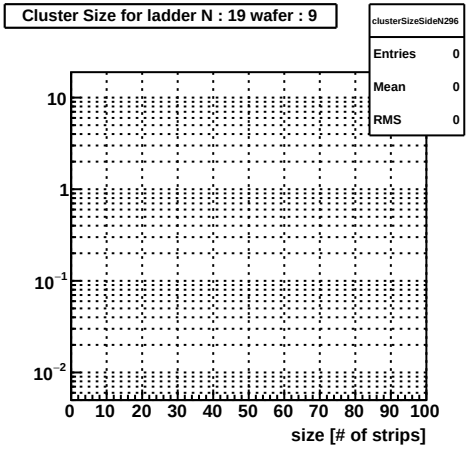

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

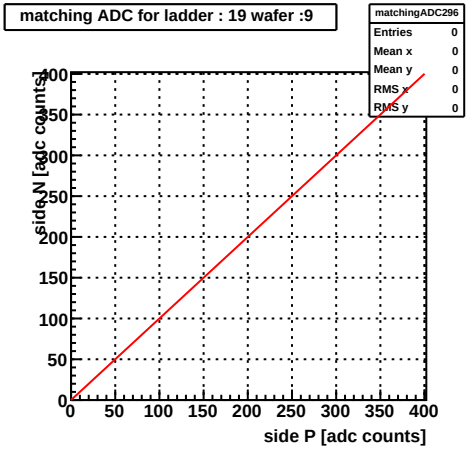

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

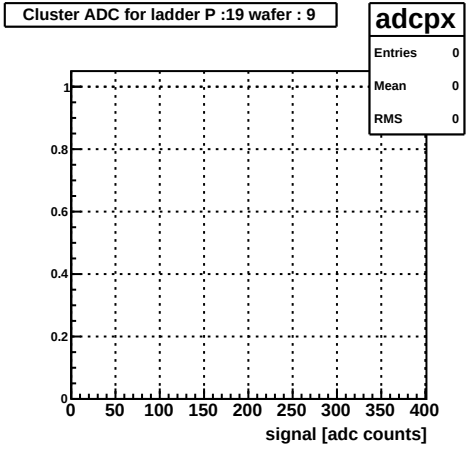

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

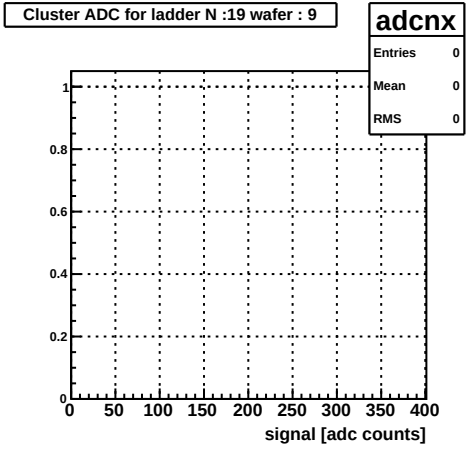

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

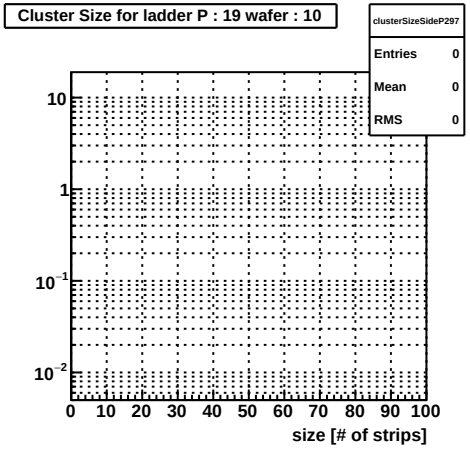

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

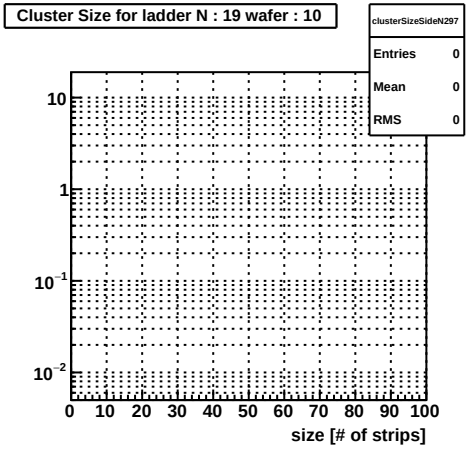

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

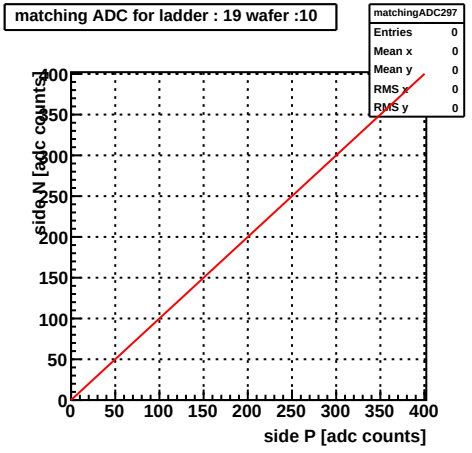

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

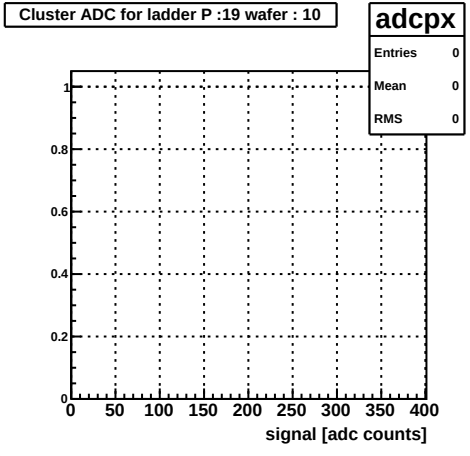

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

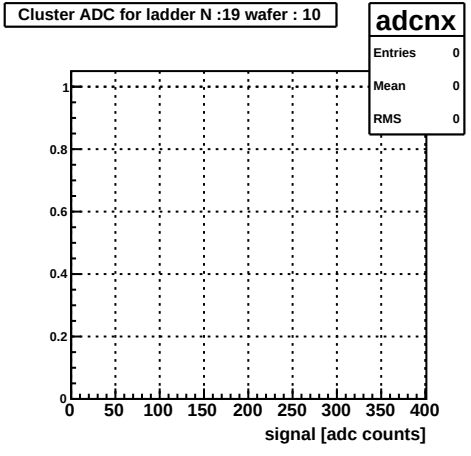

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

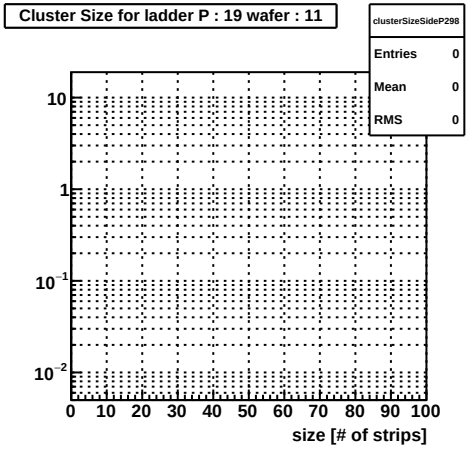

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

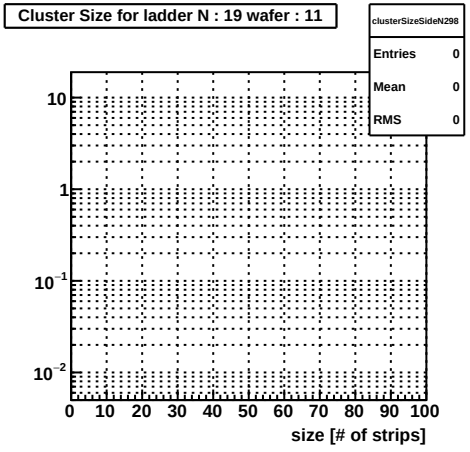

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

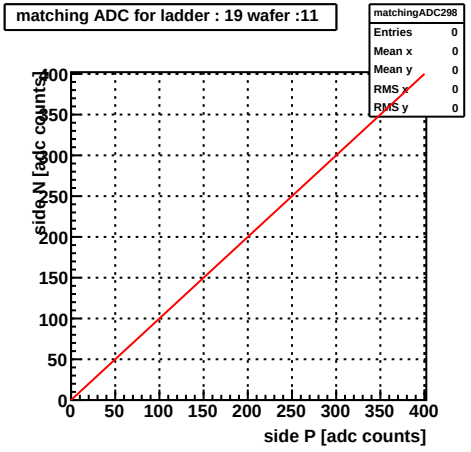

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

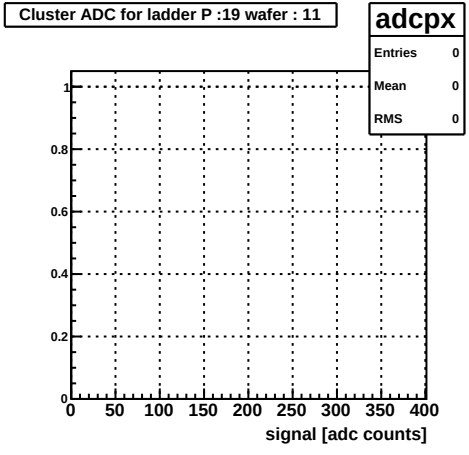

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

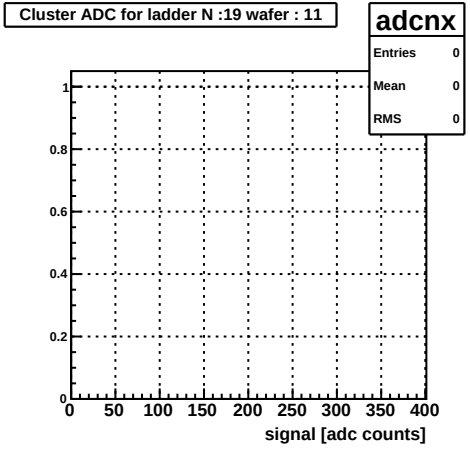

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

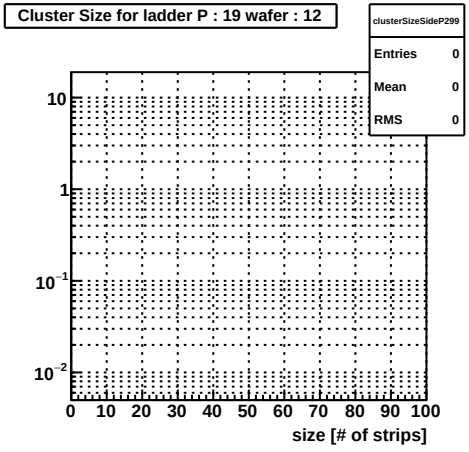

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

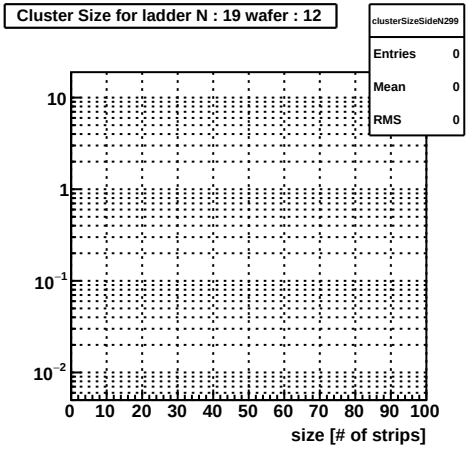

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

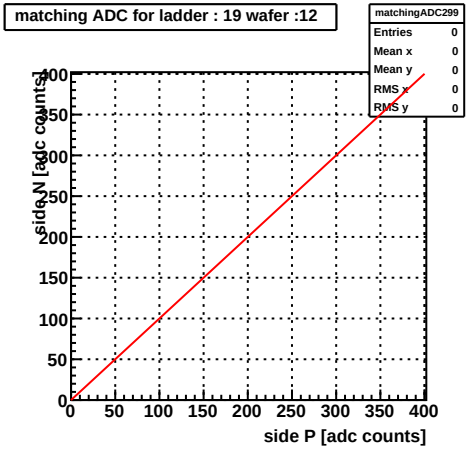

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

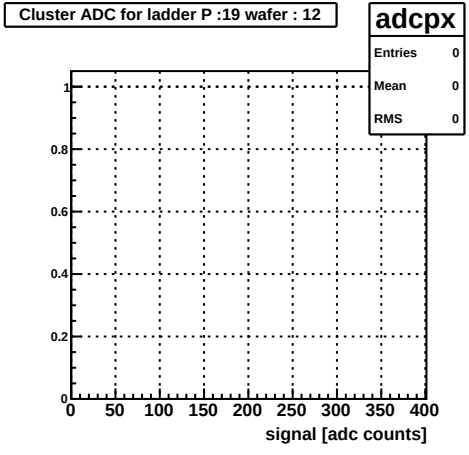

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

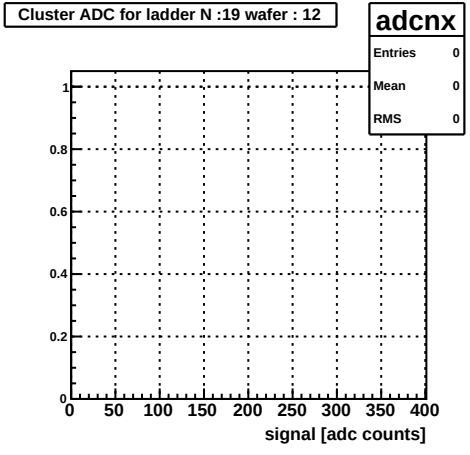

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

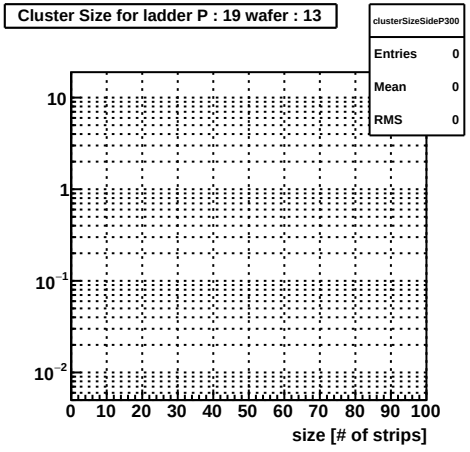

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

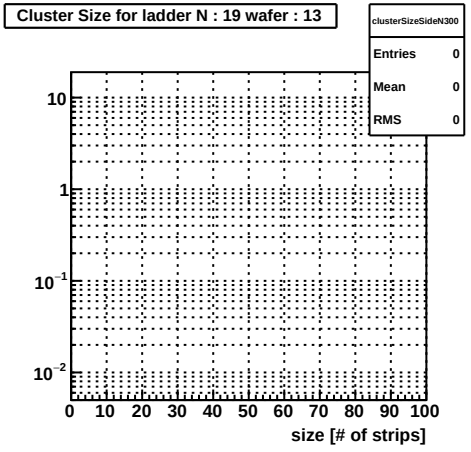

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

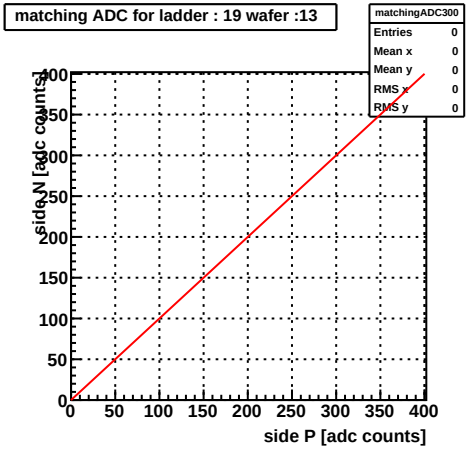

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

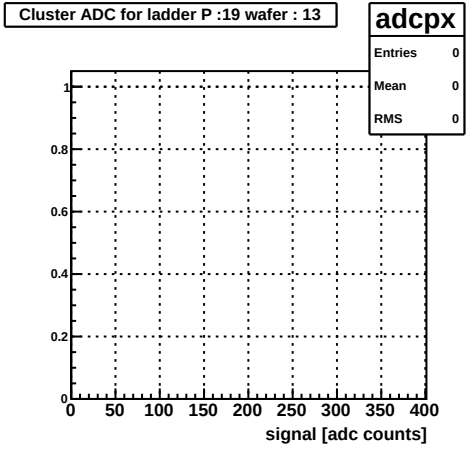

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

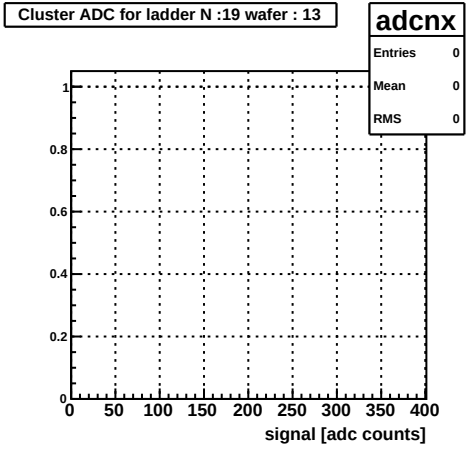

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

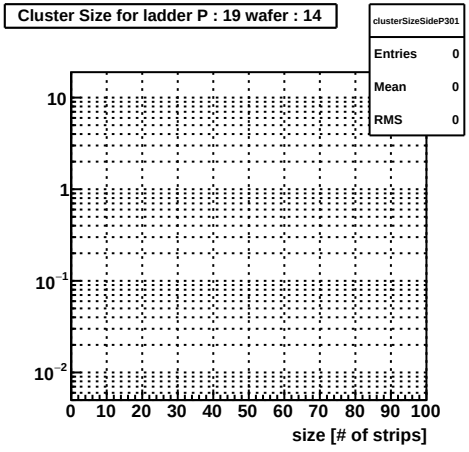

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

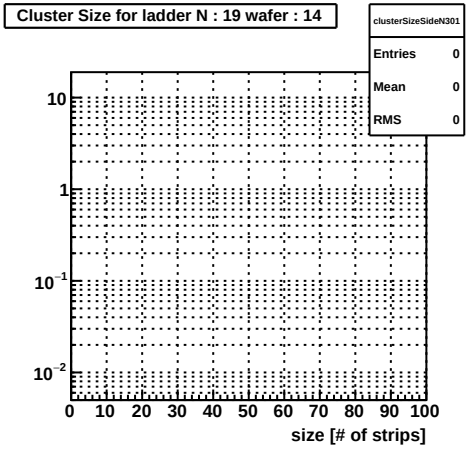

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

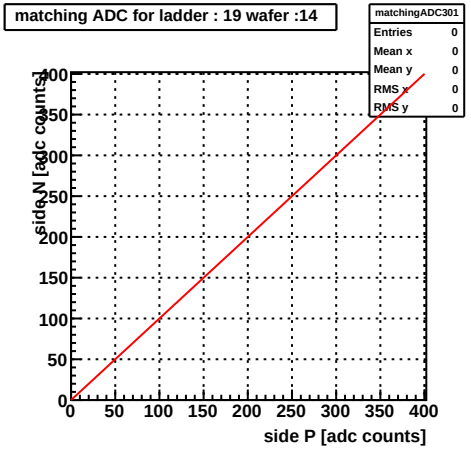

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

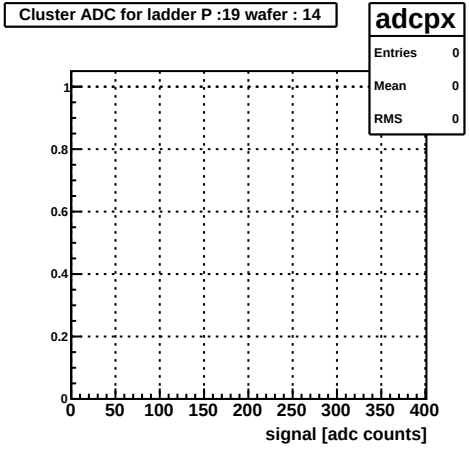

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

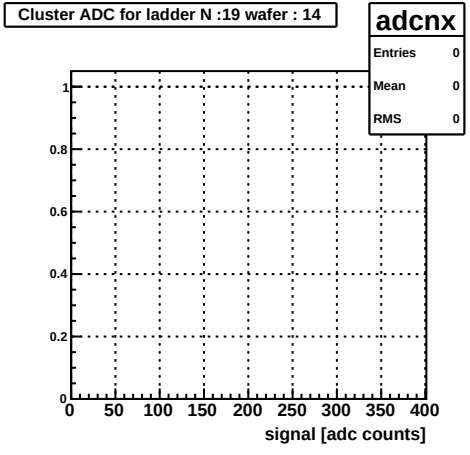

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

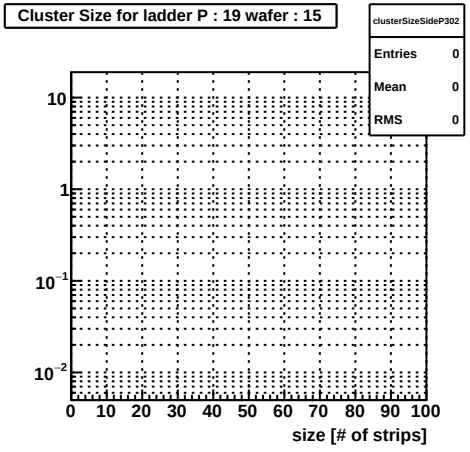

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

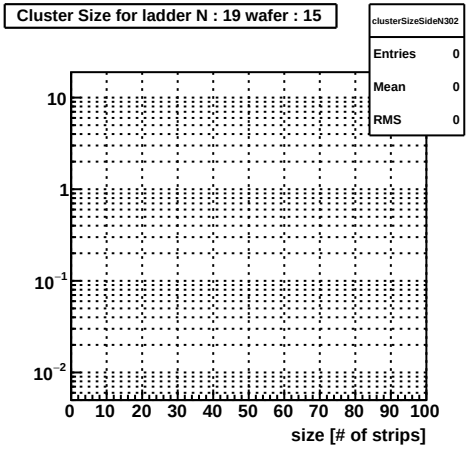

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

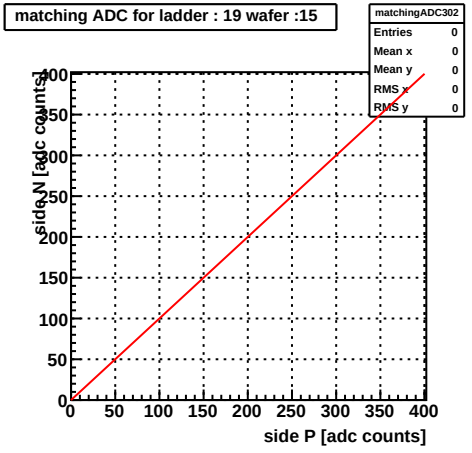

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

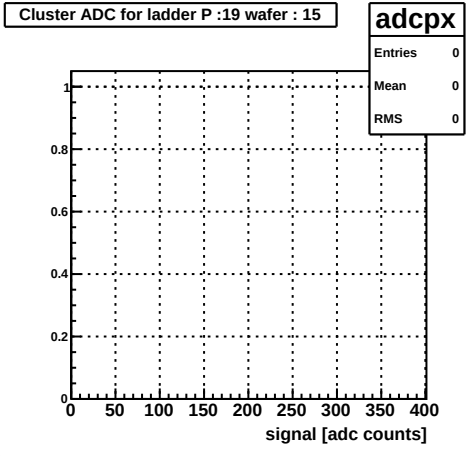

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

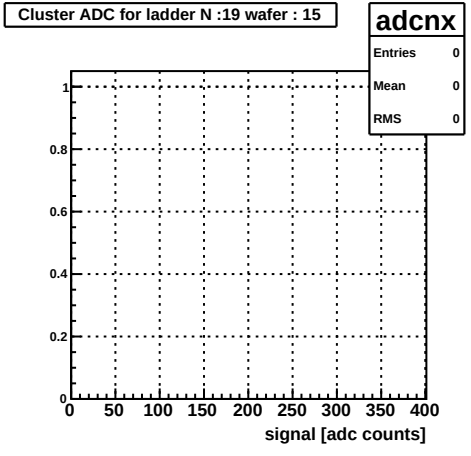

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

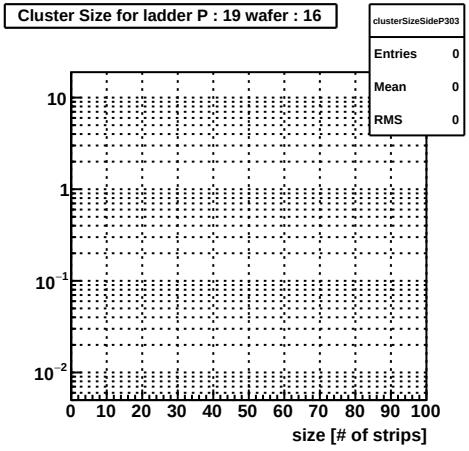

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

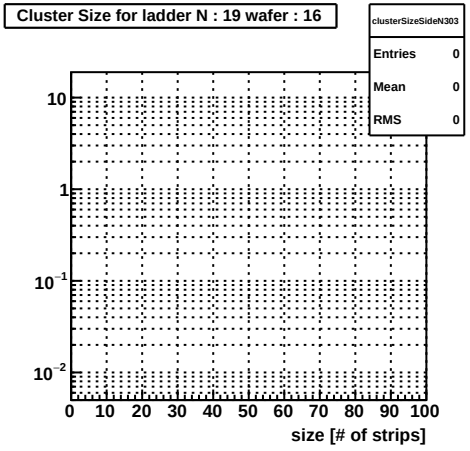

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

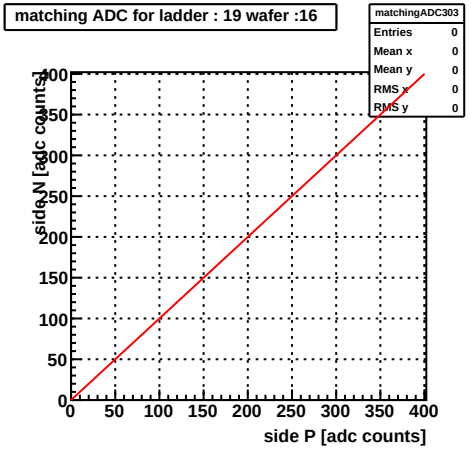

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

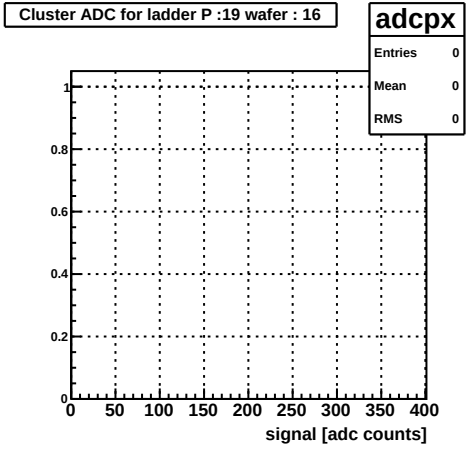

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

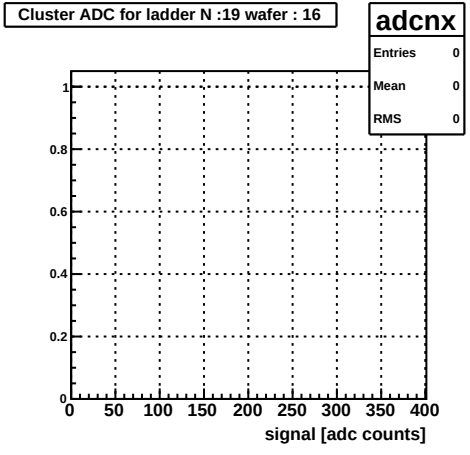

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

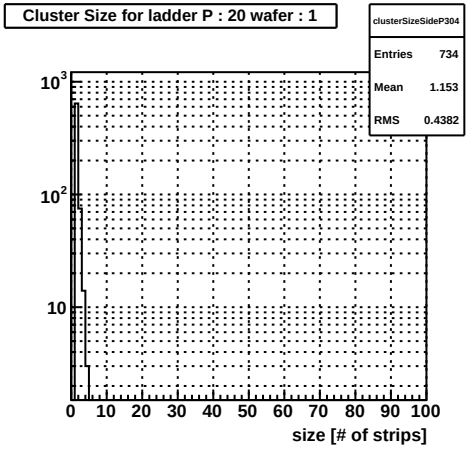

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

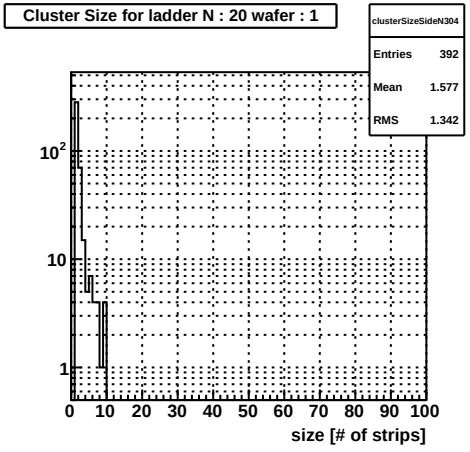

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

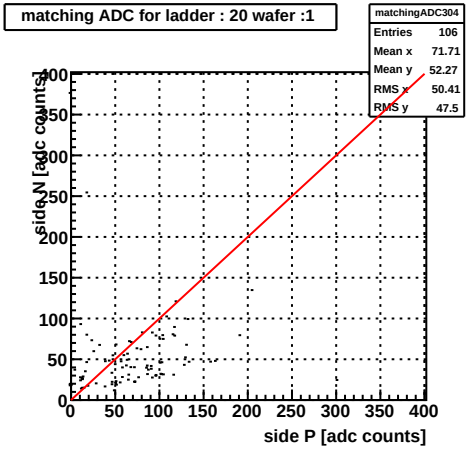

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

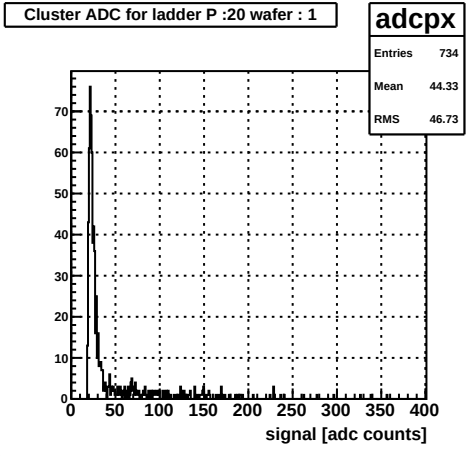

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

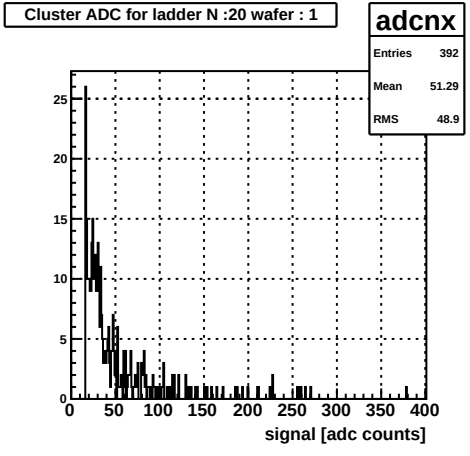

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

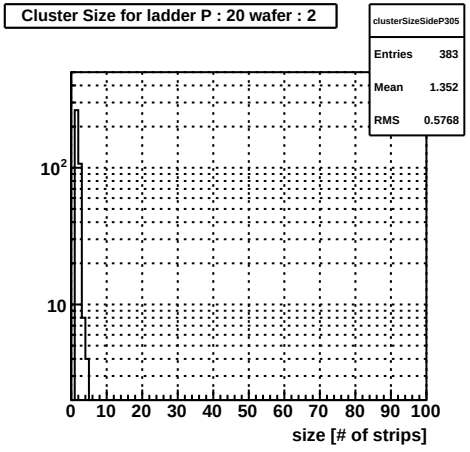

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 734
Mean 1.153
RMS 0.4382
size [# of strips]

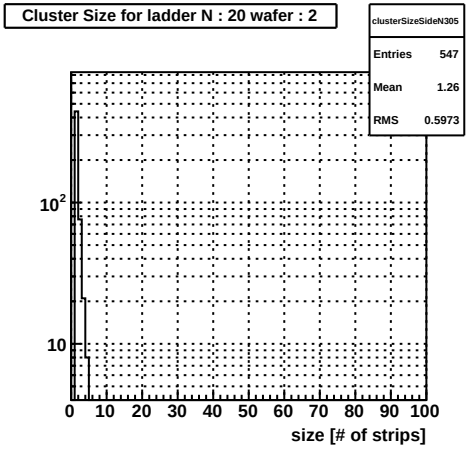

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 392
Mean 1.577
RMS 1.342
size [# of strips]

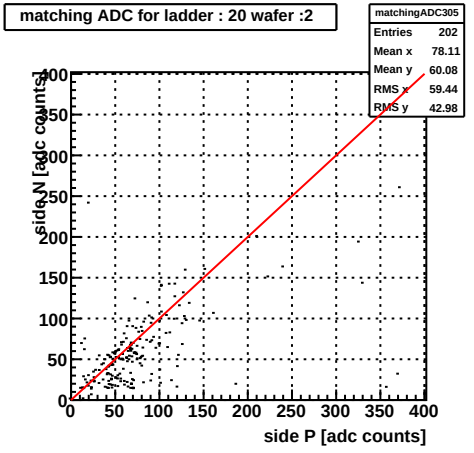

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 106
Mean x 71.71
Mean y 52.27
RMS x 50.41
RMS y 47.5
side N [adc counts]
side P [adc counts]

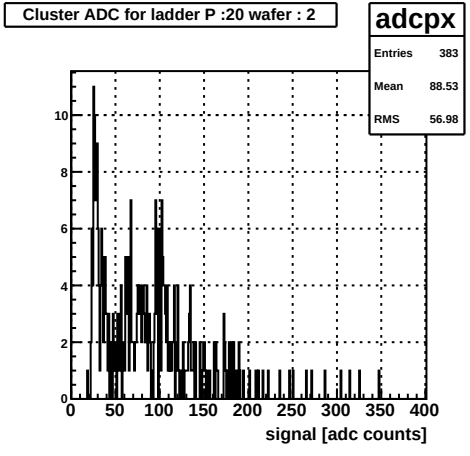

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 734
Mean 44.33
RMS 46.73
signal [adc counts]

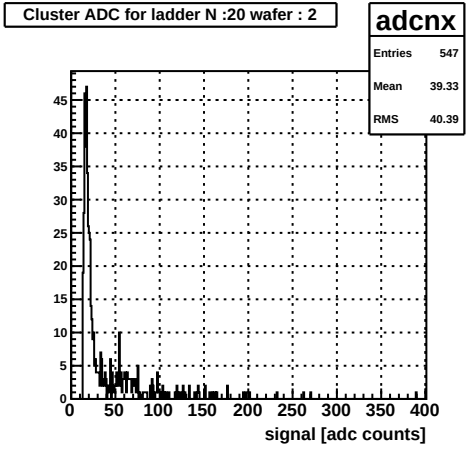

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 392
Mean 51.29
RMS 48.9
signal [adc counts]

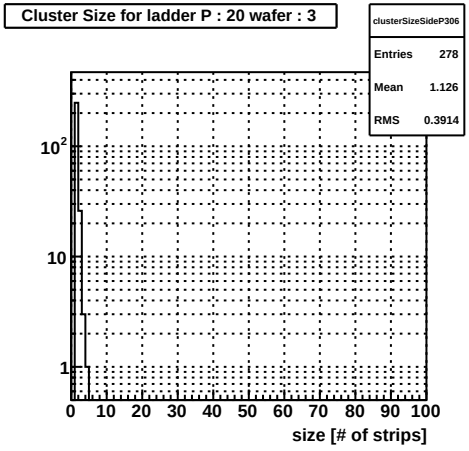

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 383
Mean 1.352
RMS 0.5768
size [# of strips]

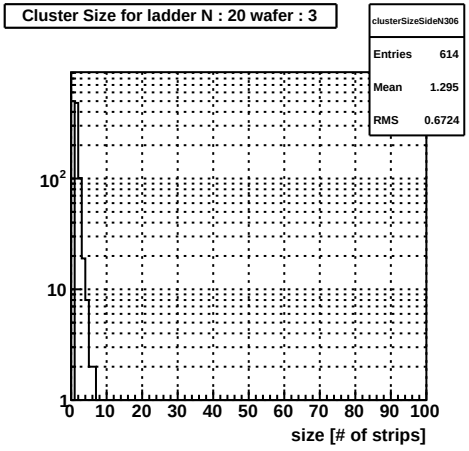

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 547
Mean 1.26
RMS 0.5973
size [# of strips]

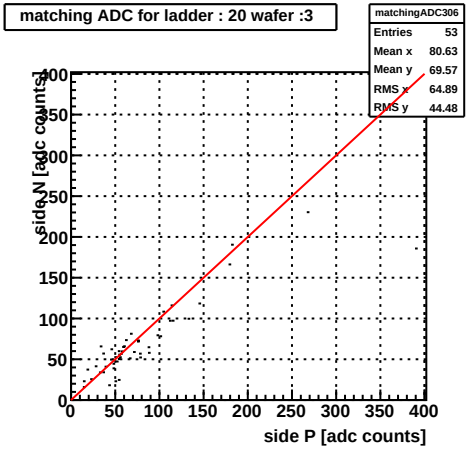

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 202
Mean x 78.11
Mean y 60.08
RMS x 59.44
RMS y 42.98
side N [adc counts]
side P [adc counts]

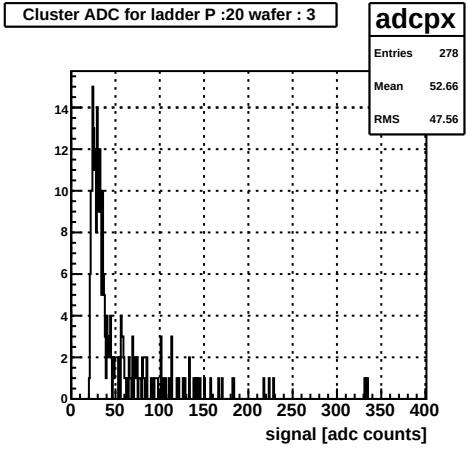

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 383
Mean 88.53
RMS 56.98
signal [adc counts]

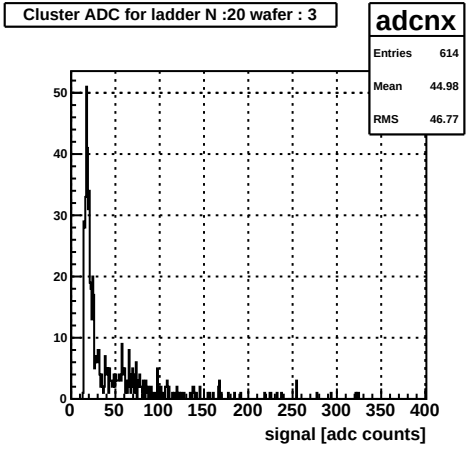

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 547
Mean 39.33
RMS 40.39
signal [adc counts]

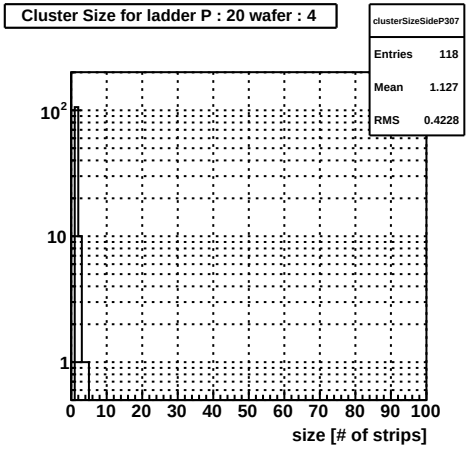

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 278
Mean 1.126
RMS 0.3914
size [# of strips]

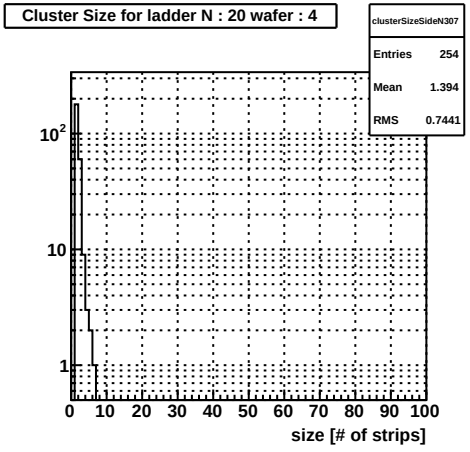

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 614
Mean 1.295
RMS 0.6724
size [# of strips]

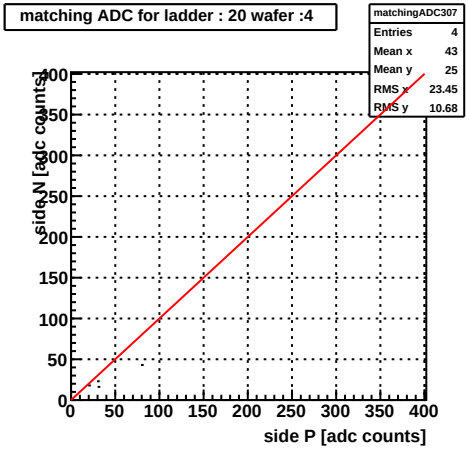

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 53
Mean x 80.63
Mean y 69.57
RMS x 64.89
RMS y 44.48
side N [adc counts]
side P [adc counts]

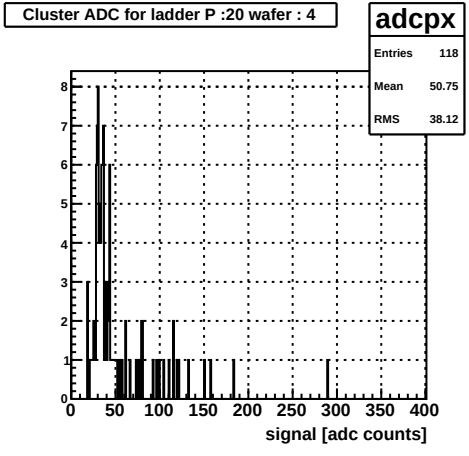

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 278
Mean 52.66
RMS 47.56
signal [adc counts]

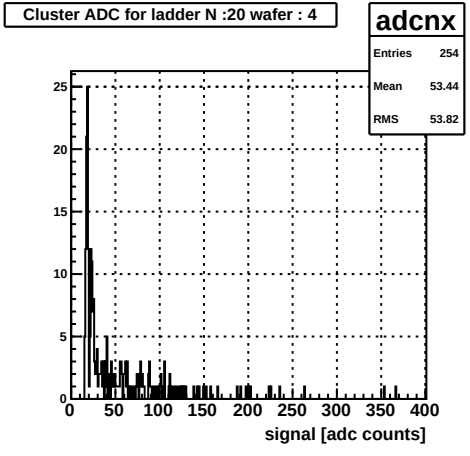

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 614
Mean 44.98
RMS 46.77
signal [adc counts]

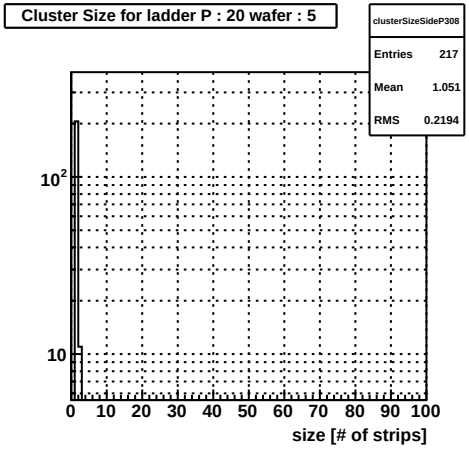

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 118
Mean 1.127
RMS 0.4228
size [# of strips]

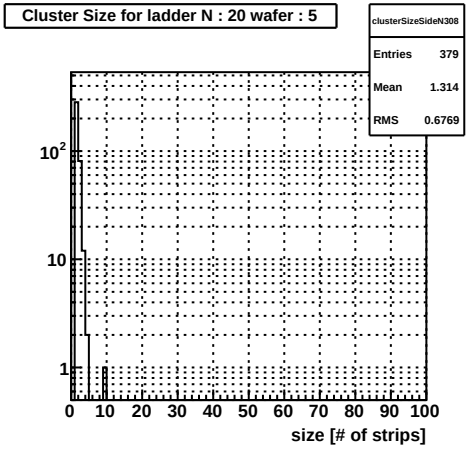

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 254
Mean 1.394
RMS 0.7441
size [# of strips]

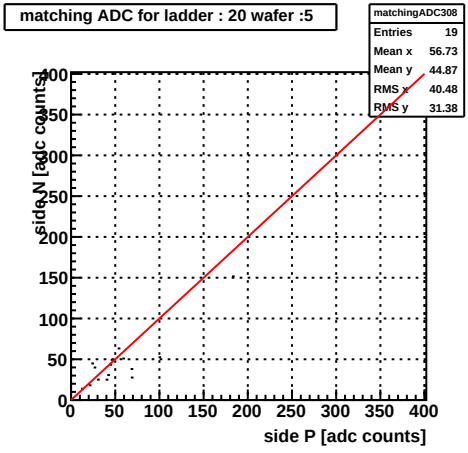

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 4
Mean x 43
Mean y 25
RMS x 23.45
RMS y 10.68
side N [adc counts]
side P [adc counts]

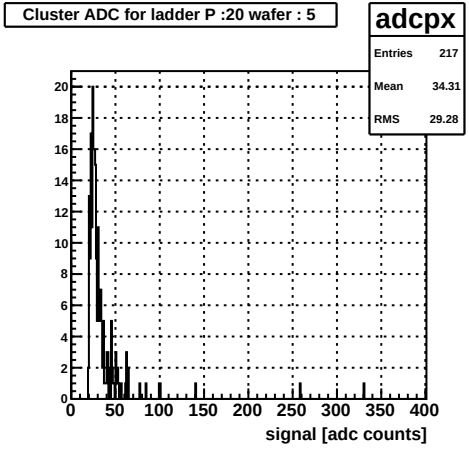

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 118
Mean 50.75
RMS 38.12
signal [adc counts]

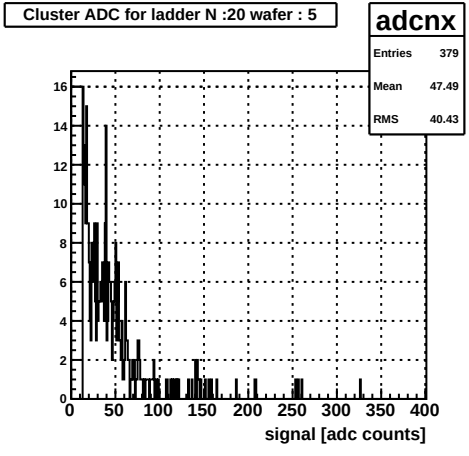

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 254
Mean 53.44
RMS 53.82
signal [adc counts]

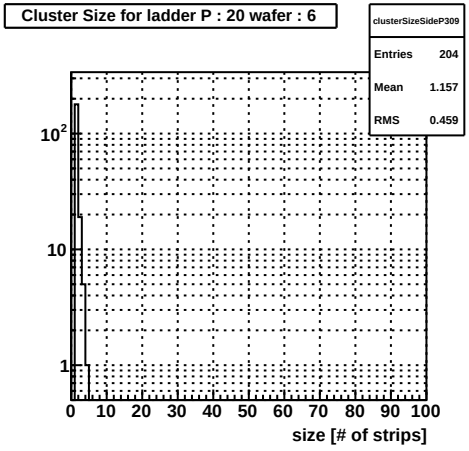

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 217
Mean 1.051
RMS 0.2194
size [# of strips]

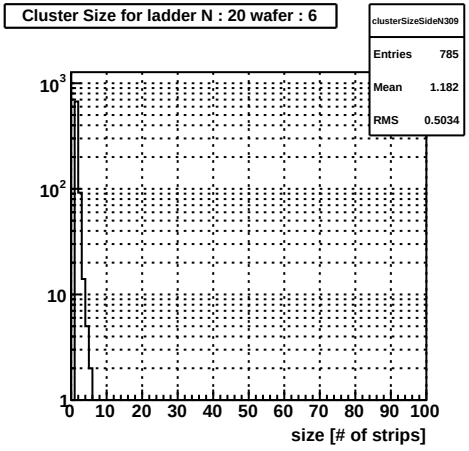

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 379
Mean 1.314
RMS 0.6769
size [# of strips]

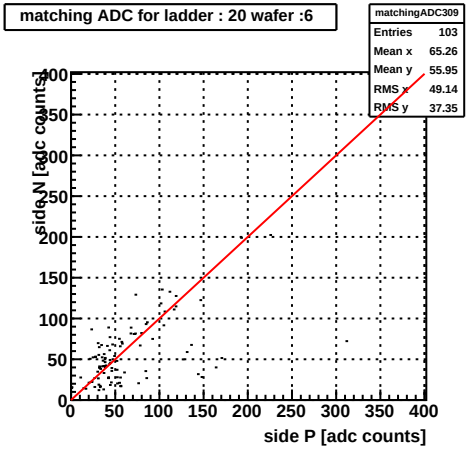

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 19
Mean x 56.73
Mean y 44.87
RMS x 40.48
RMS y 31.38
side N [adc counts]
side P [adc counts]

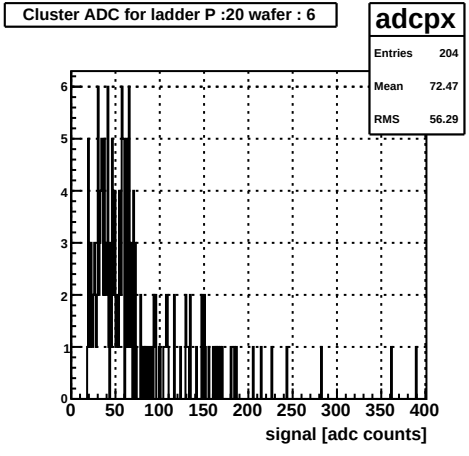

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 217
Mean 34.31
RMS 29.28
signal [adc counts]

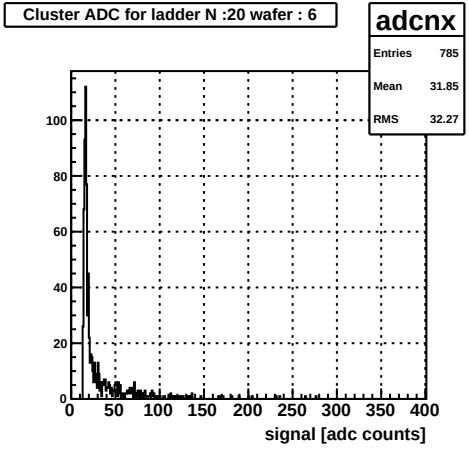

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 379
Mean 47.49
RMS 40.43
signal [adc counts]

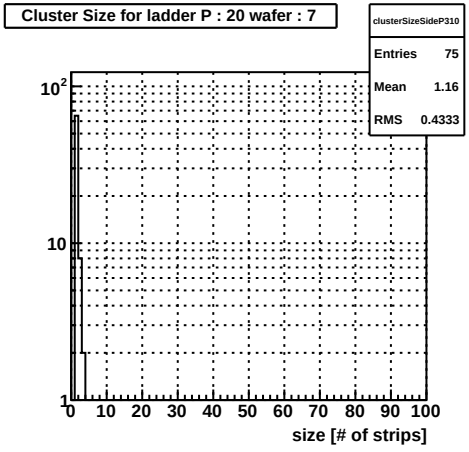

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 204
Mean 1.157
RMS 0.459
size [# of strips]

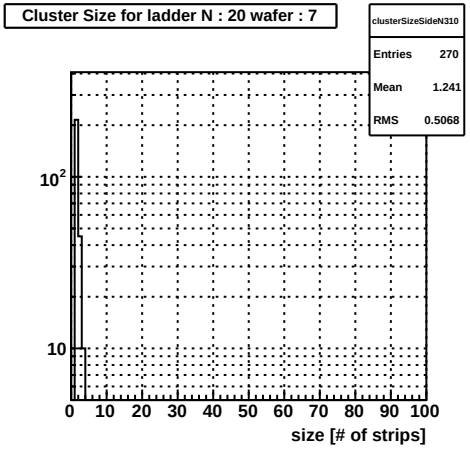

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 785
Mean 1.182
RMS 0.5034
size [# of strips]

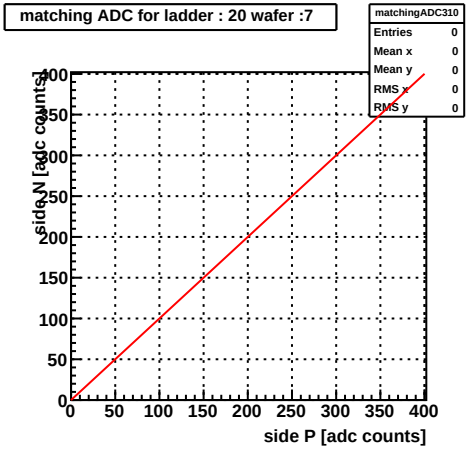

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 103
Mean x 65.26
Mean y 55.95
RMS x 49.14
RMS y 37.35
side N [adc counts]
side P [adc counts]

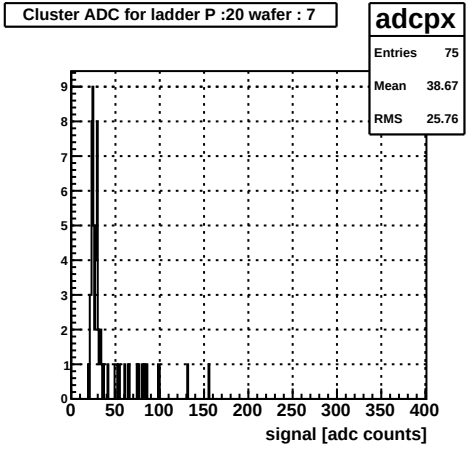

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 204
Mean 72.47
RMS 56.29
signal [adc counts]

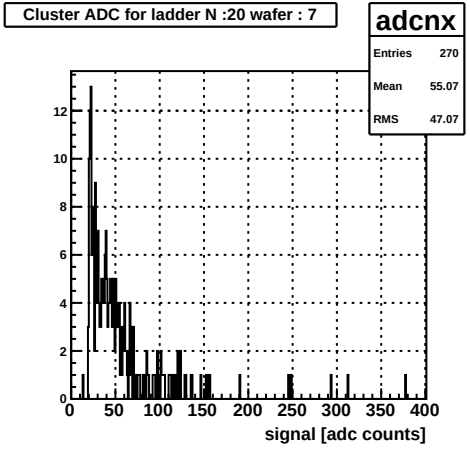

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 785
Mean 31.85
RMS 32.27
signal [adc counts]

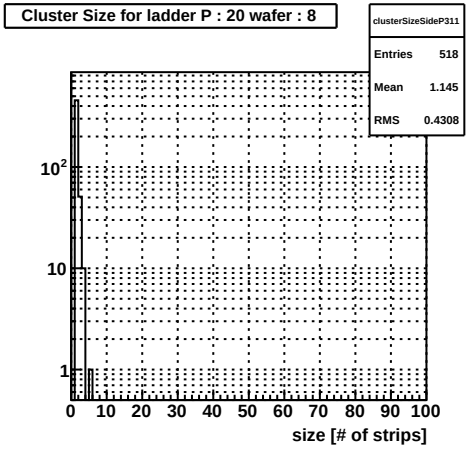

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 75
Mean 1.16
RMS 0.4333
size [# of strips]

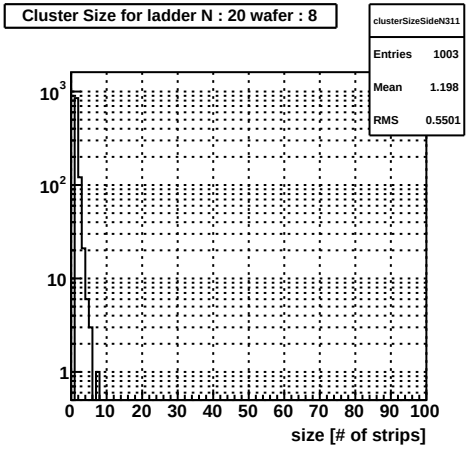

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 270
Mean 1.241
RMS 0.5068
size [# of strips]

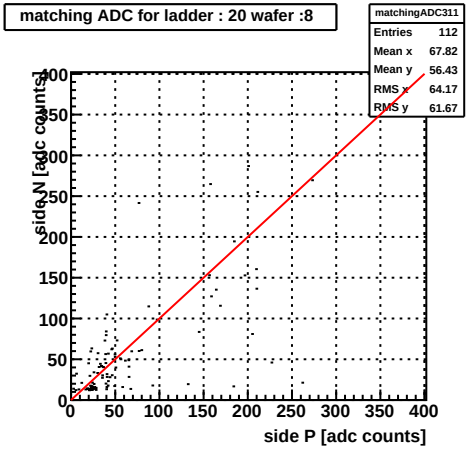

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

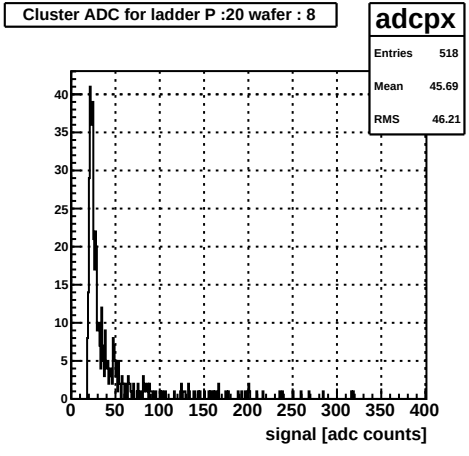

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 75
Mean 38.67
RMS 25.76
signal [adc counts]

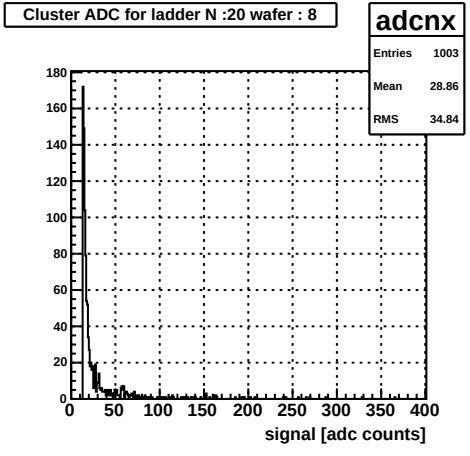

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 270
Mean 55.07
RMS 47.07
signal [adc counts]

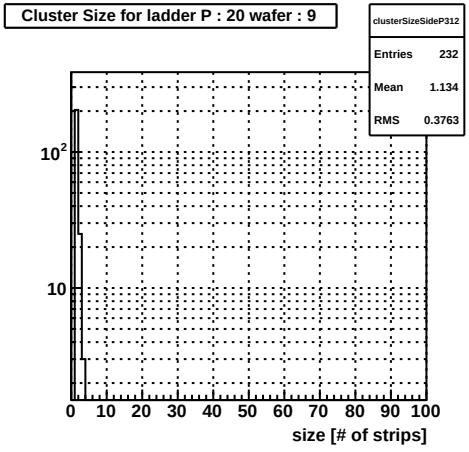

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 518
Mean 1.145
RMS 0.4308
size [# of strips]

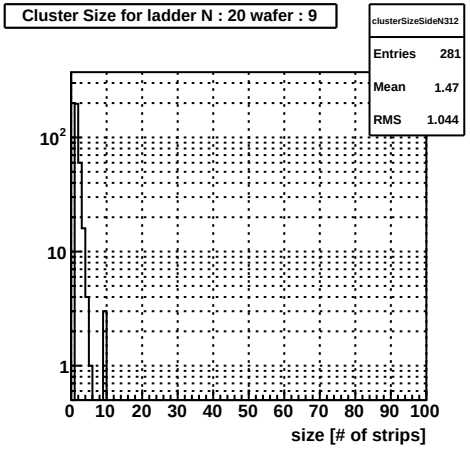

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 1003
Mean 1.198
RMS 0.5501
size [# of strips]

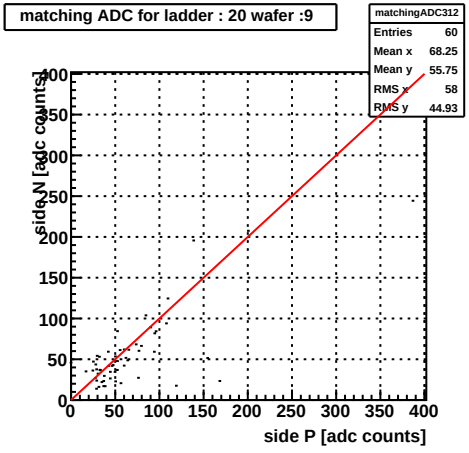

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 112
Mean x 67.82
Mean y 56.43
RMS x 64.17
RMS y 61.67
side N [adc counts]
side P [adc counts]

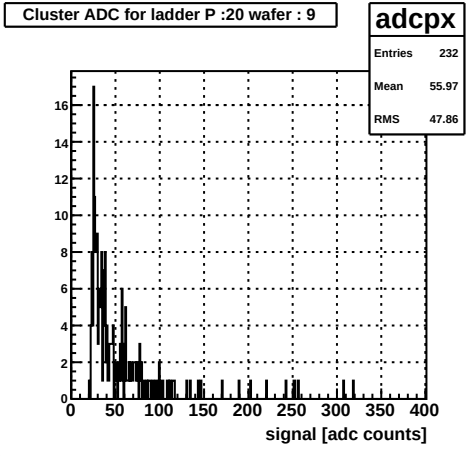

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 518
Mean 45.69
RMS 46.21
signal [adc counts]

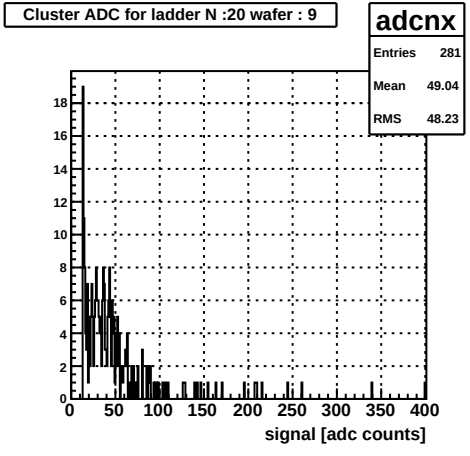

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 1003
Mean 28.86
RMS 34.84
signal [adc counts]

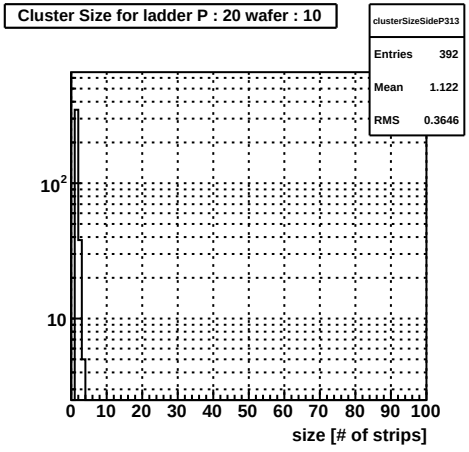

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 232
Mean 1.134
RMS 0.3763
size [# of strips]

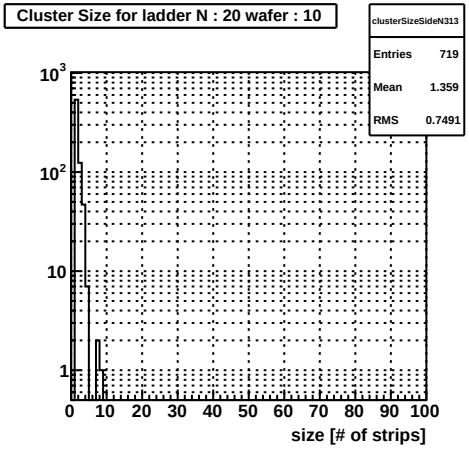

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 281
Mean 1.47
RMS 1.044
size [# of strips]

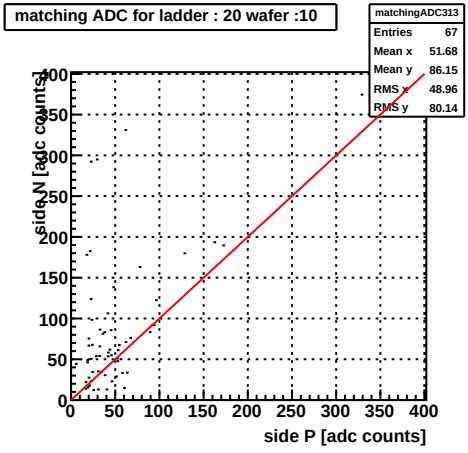

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 60
Mean x 68.25
Mean y 55.75
RMS x 58
RMS y 44.93
side N [adc counts]
side P [adc counts]

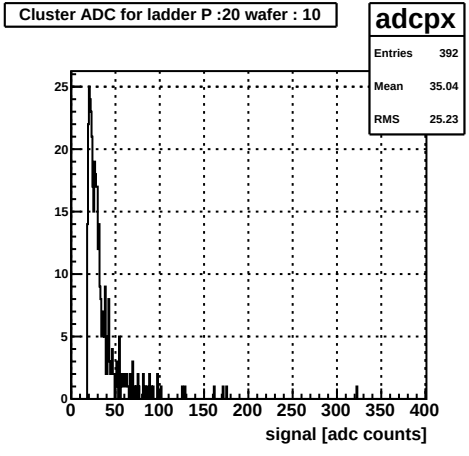

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 232
Mean 55.97
RMS 47.86
signal [adc counts]

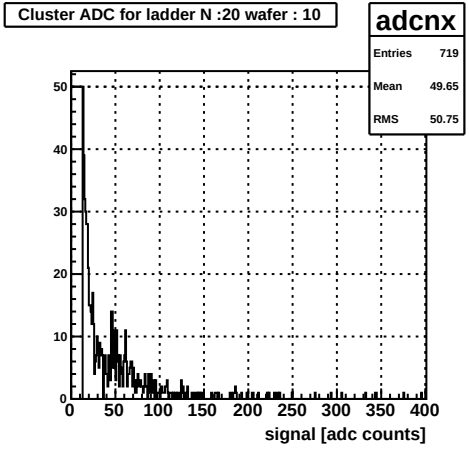

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 281
Mean 49.04
RMS 48.23
signal [adc counts]

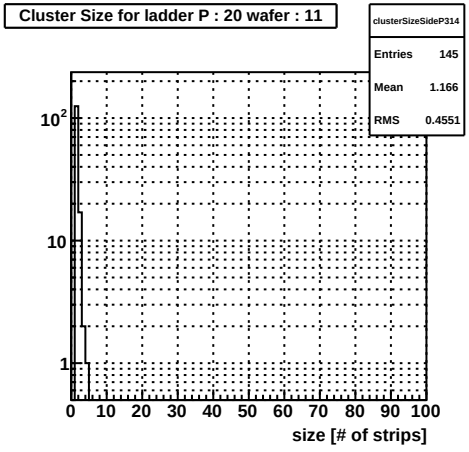

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 392
Mean 1.122
RMS 0.3646
size [# of strips]

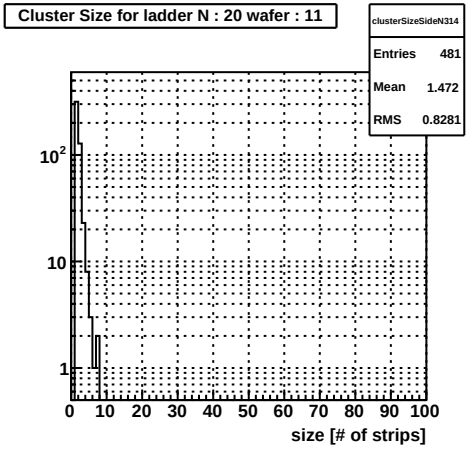

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 719
Mean 1.359
RMS 0.7491
size [# of strips]

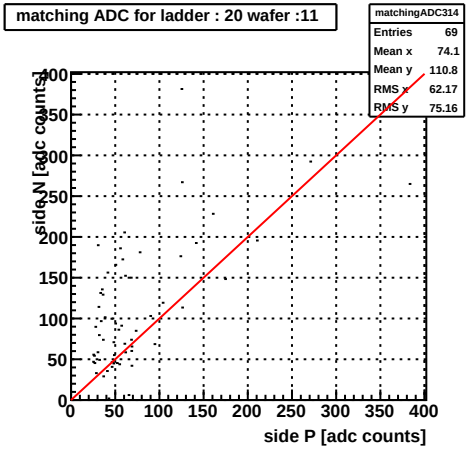

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 67
Mean x 51.68
Mean y 86.15
RMS x 48.96
RMS y 80.14
side N [adc counts]
side P [adc counts]

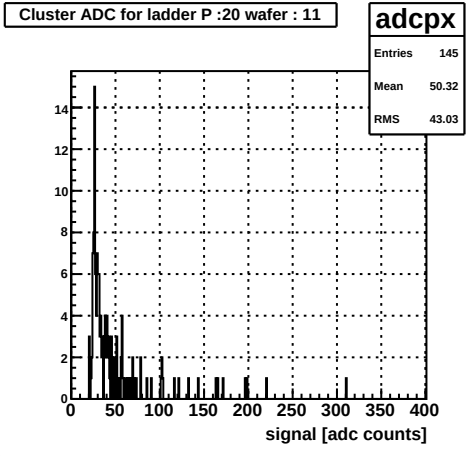

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 392
Mean 35.04
RMS 25.23
signal [adc counts]

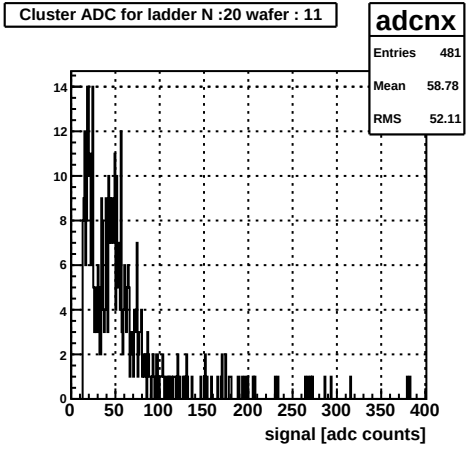

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 719
Mean 49.65
RMS 50.75
signal [adc counts]

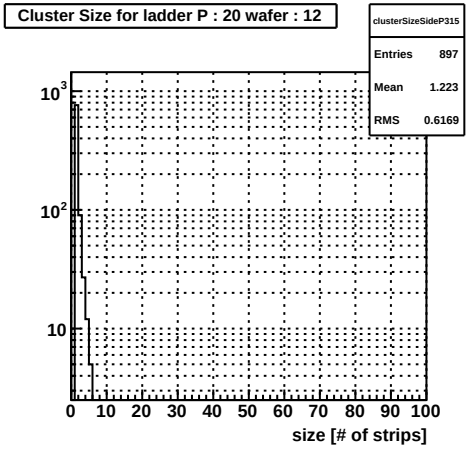

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 145
Mean 1.166
RMS 0.4551
size [# of strips]

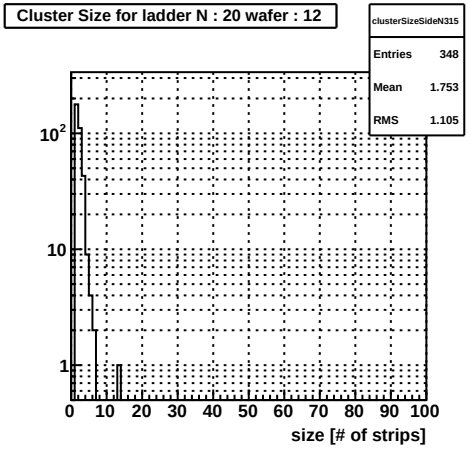

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 481
Mean 1.472
RMS 0.8281
size [# of strips]

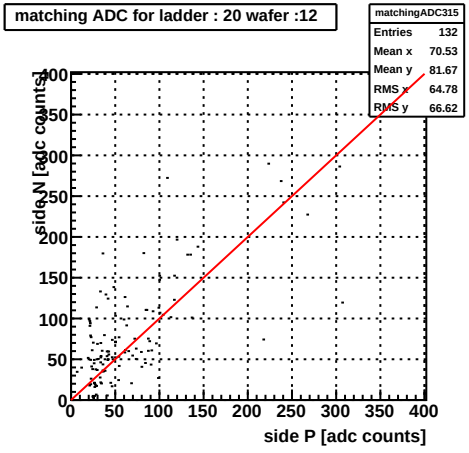

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 69
Mean x 74.1
Mean y 110.8
RMS x 62.17
RMS y 75.16
side N [adc counts]
side P [adc counts]

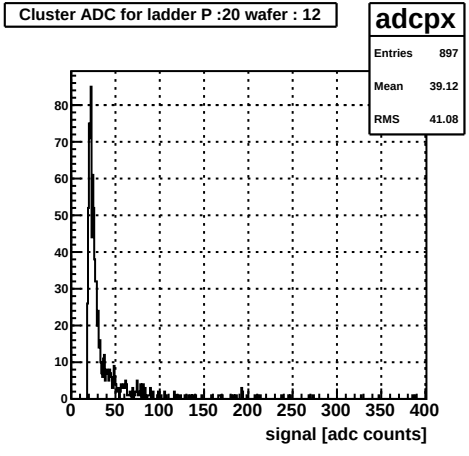

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 145
Mean 50.32
RMS 43.03
signal [adc counts]

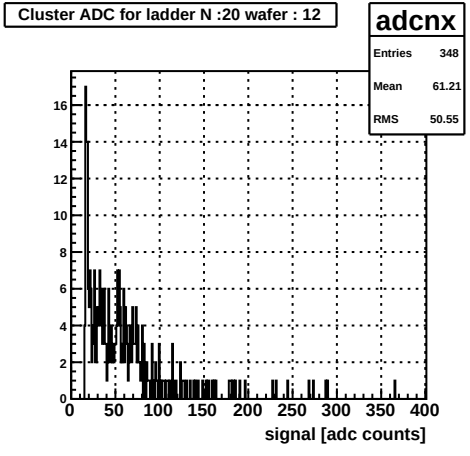

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 481
Mean 58.78
RMS 52.11
signal [adc counts]

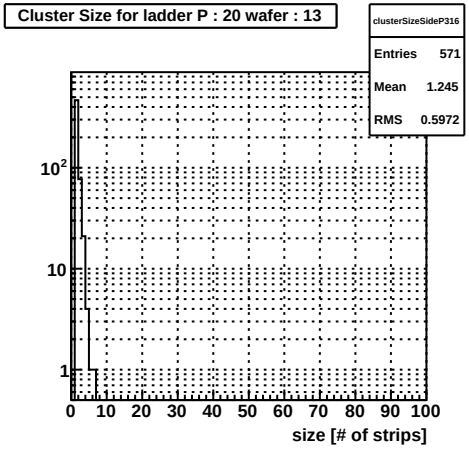

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 897
Mean 1.223
RMS 0.6169
size [# of strips]

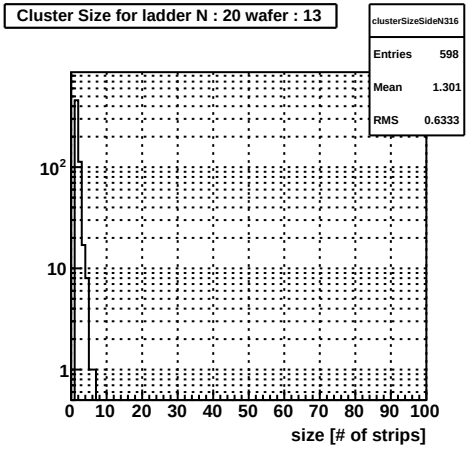

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 348
Mean 1.753
RMS 1.105
size [# of strips]

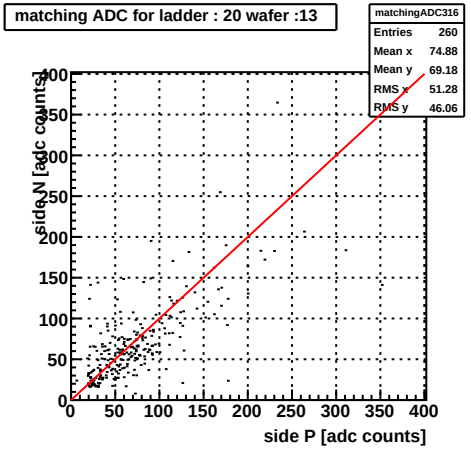

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 132
Mean x 70.53
Mean y 81.67
RMS x 64.78
RMS y 66.62
side N [adc counts]
side P [adc counts]

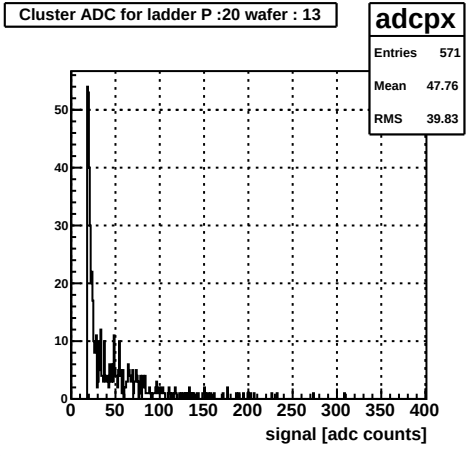

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 897
Mean 39.12
RMS 41.08
signal [adc counts]

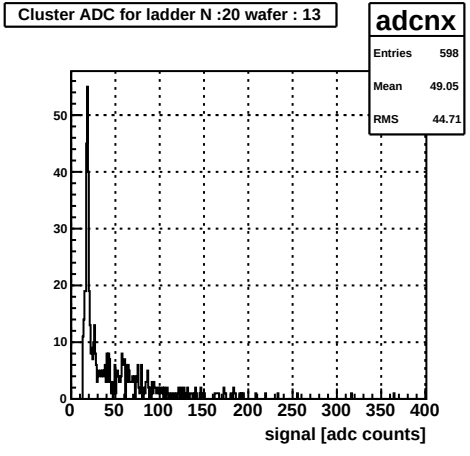

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 348
Mean 61.21
RMS 50.55
signal [adc counts]

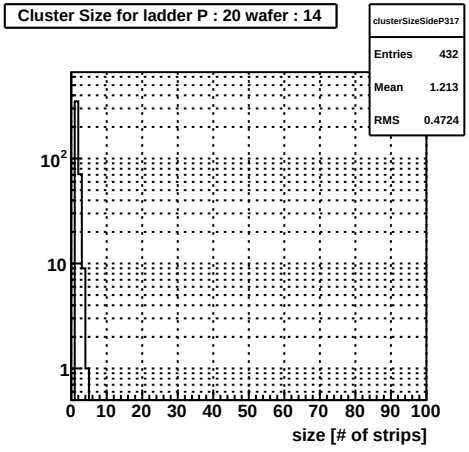

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 571
Mean 1.245
RMS 0.5972
size [# of strips]

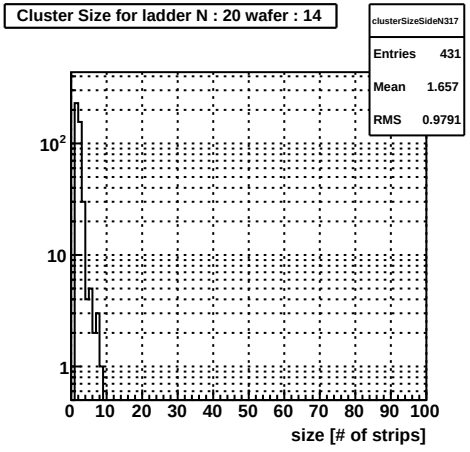

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 598
Mean 1.301
RMS 0.6333
size [# of strips]

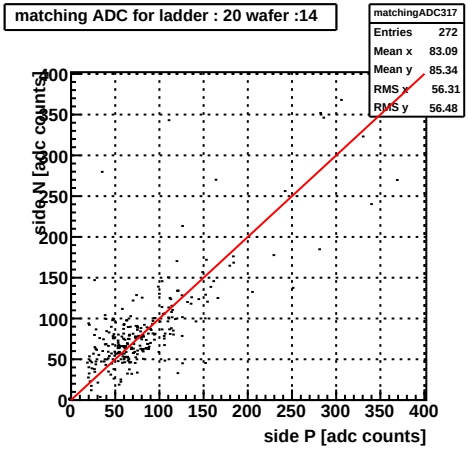

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 260
Mean x 74.88
Mean y 69.18
RMS x 51.28
RMS y 46.06
side N [adc counts]
side P [adc counts]

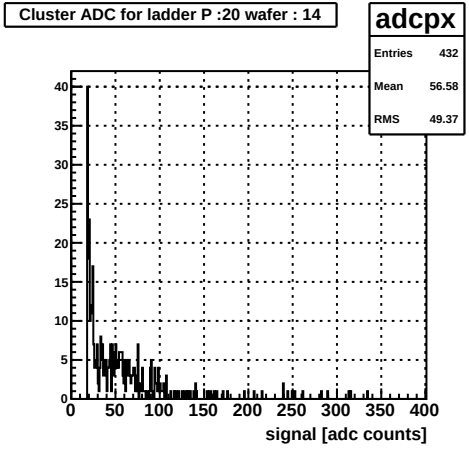

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 571
Mean 47.76
RMS 39.83
signal [adc counts]

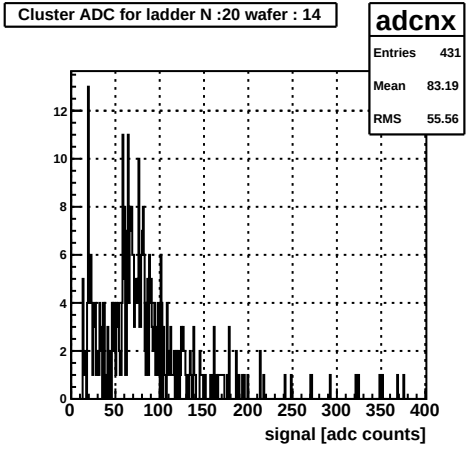

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 598
Mean 49.05
RMS 44.71
signal [adc counts]

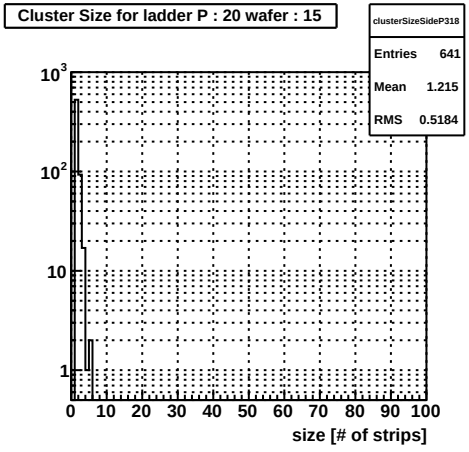

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 432
Mean 1.213
RMS 0.4724
size [# of strips]

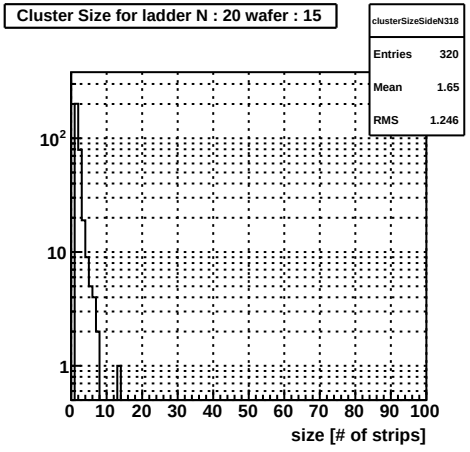

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 431
Mean 1.657
RMS 0.9791
size [# of strips]

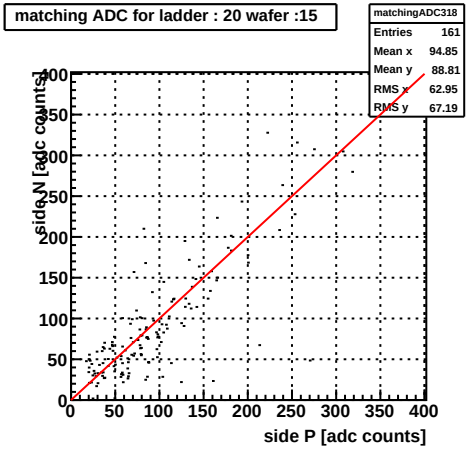

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 272
Mean x 83.09
Mean y 85.34
RMS x 56.31
RMS y 56.48
side N [adc counts]
side P [adc counts]

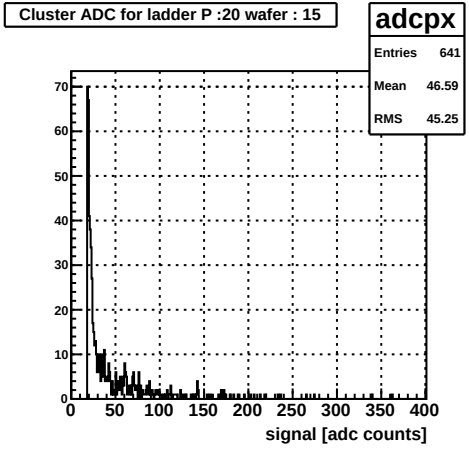

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 432
Mean 56.58
RMS 49.37
signal [adc counts]

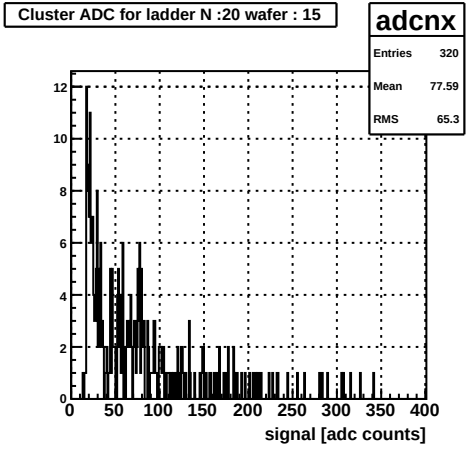

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 431
Mean 83.19
RMS 55.56
signal [adc counts]

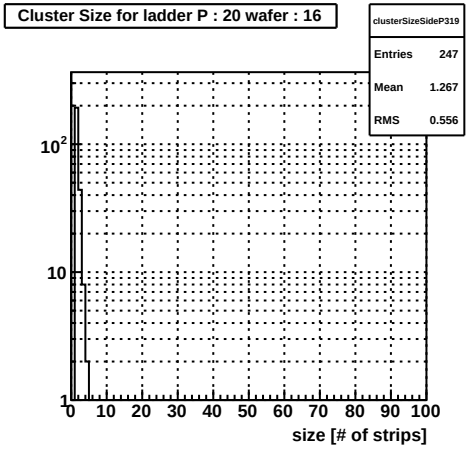

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 641
Mean 1.215
RMS 0.5184
size [# of strips]

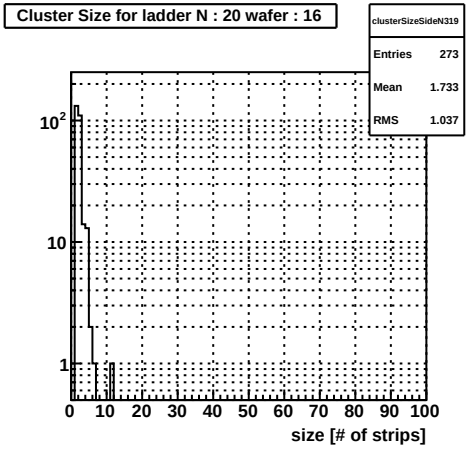

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 320
Mean 1.65
RMS 1.246
size [# of strips]

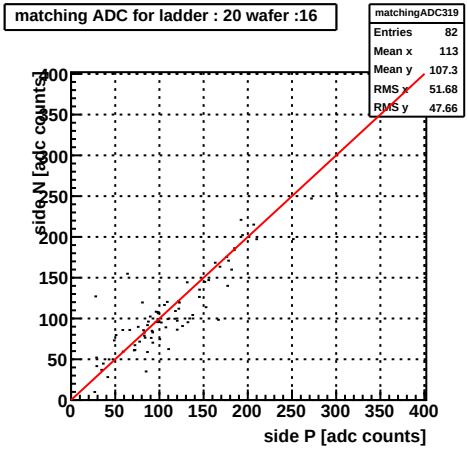

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 161
Mean x 94.85
Mean y 88.81
RMS x 62.95
RMS y 67.19
side N [adc counts]
side P [adc counts]

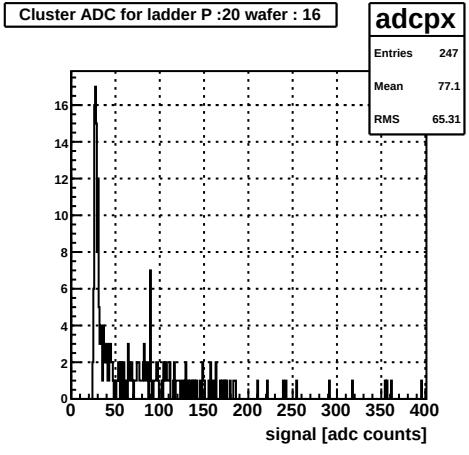

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 641
Mean 46.59
RMS 45.25
signal [adc counts]

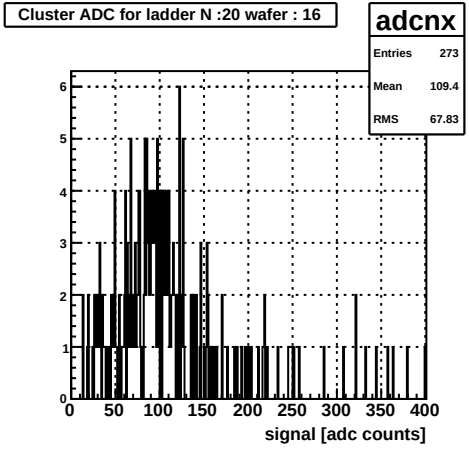

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 320
Mean 77.59
RMS 65.3
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 247
Mean 1.267
RMS 0.556
size [# of strips]

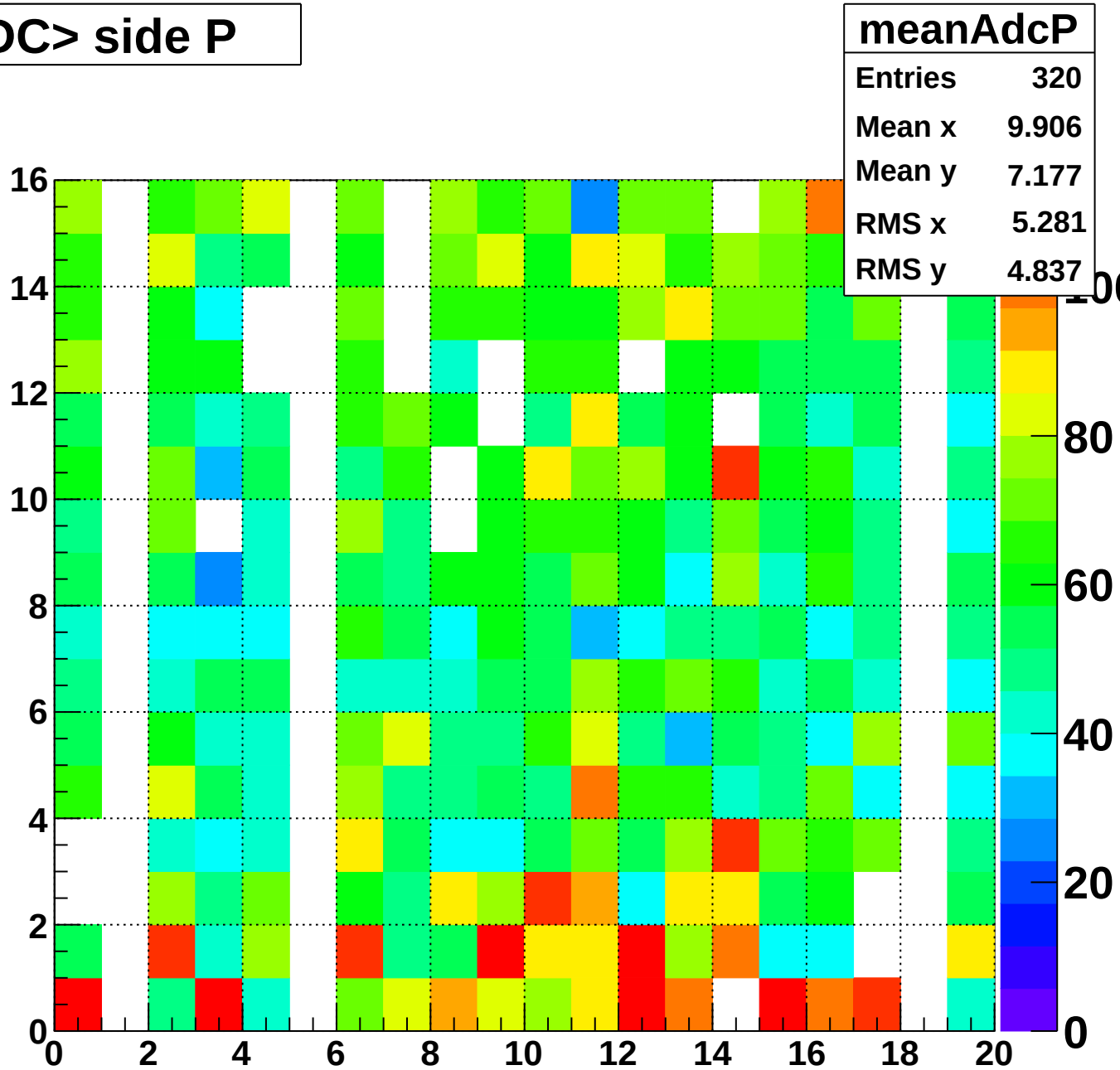

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 273
Mean 1.733
RMS 1.037
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 82
Mean x 113
Mean y 107.3
RMS x 51.68
RMS y 47.66
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 247
Mean 77.1
RMS 65.31
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 273
Mean 109.4
RMS 67.83
signal [adc counts]

<ADC> side P



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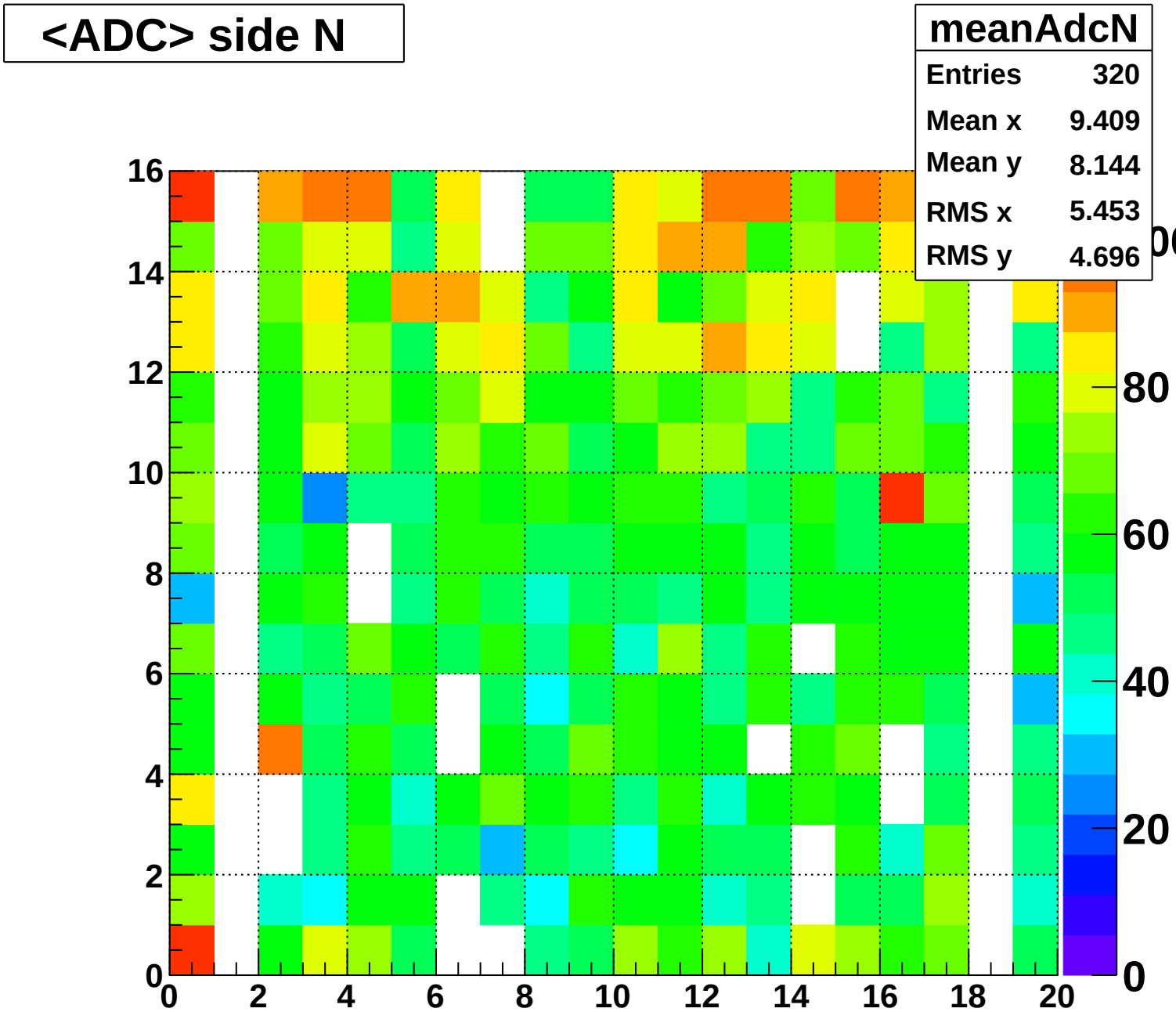

2016-06-23 10:40:45