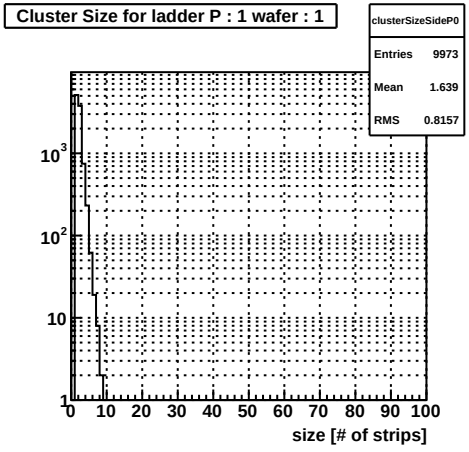
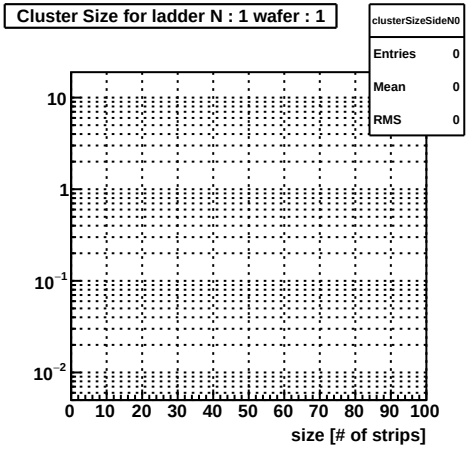
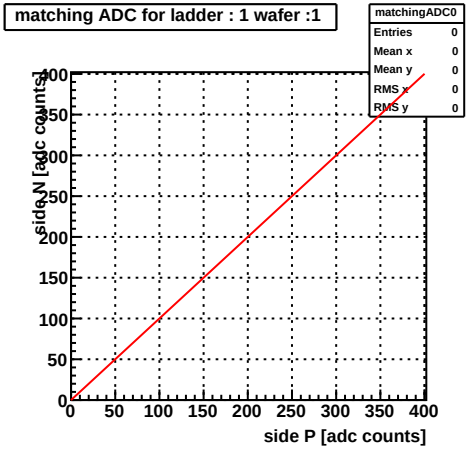
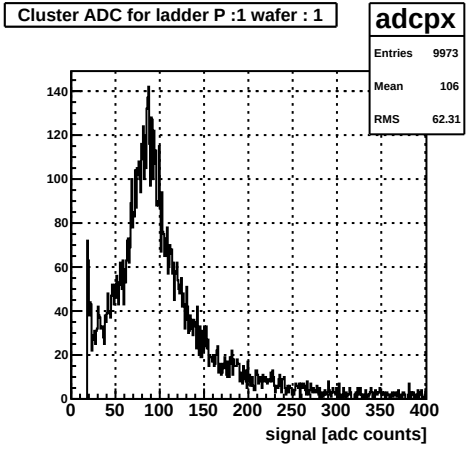
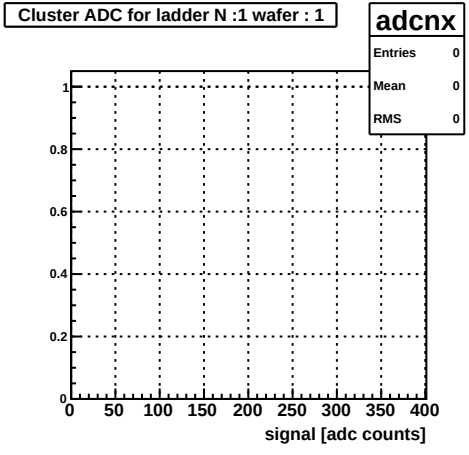
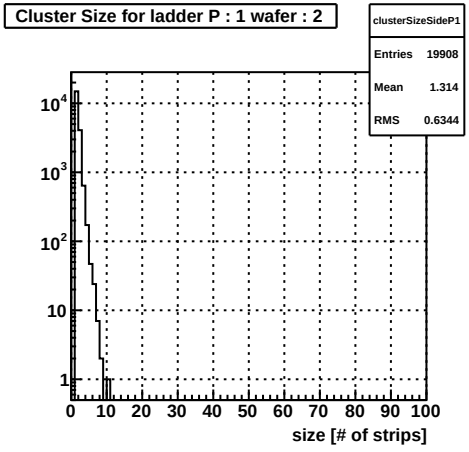

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 9973
Mean 1.639
RMS 0.8157
size [# of strips]

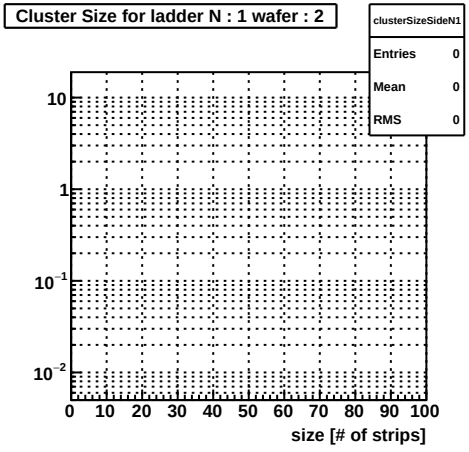

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

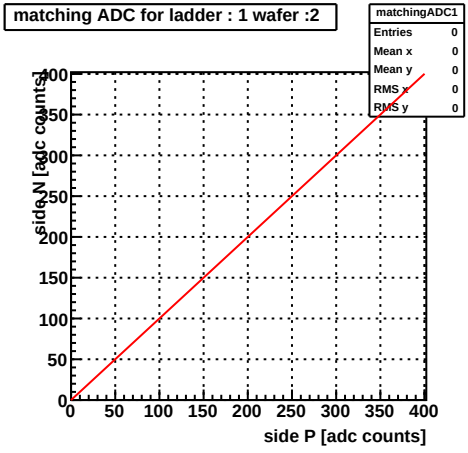

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

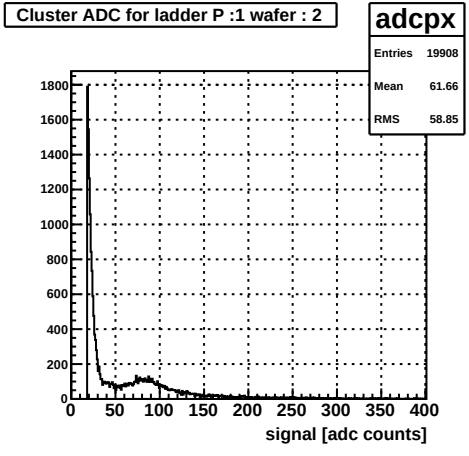

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 9973
Mean 106
RMS 62.31
signal [adc counts]

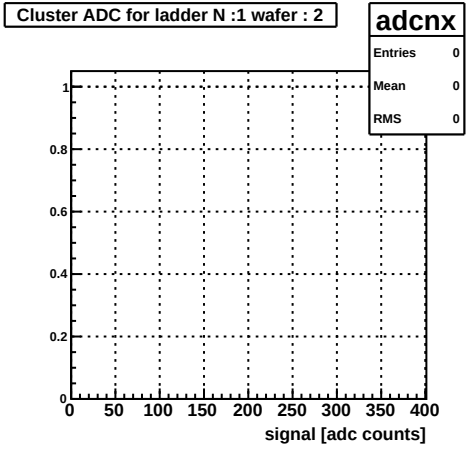

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

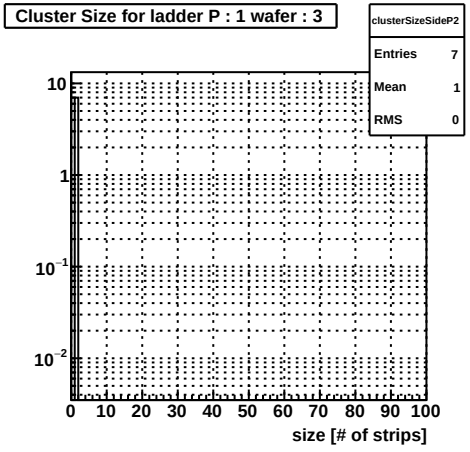

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 19908
Mean 1.314
RMS 0.6344
size [# of strips]

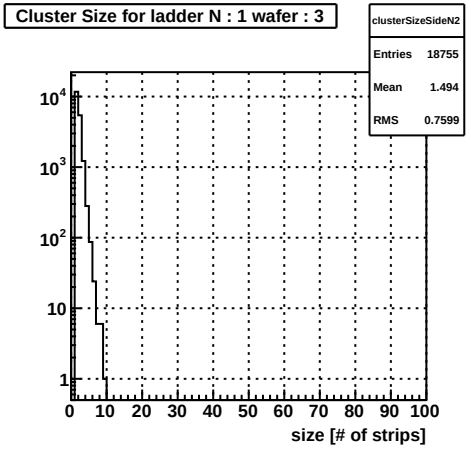

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

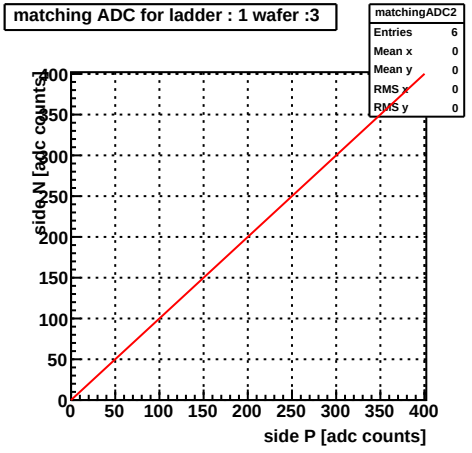

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

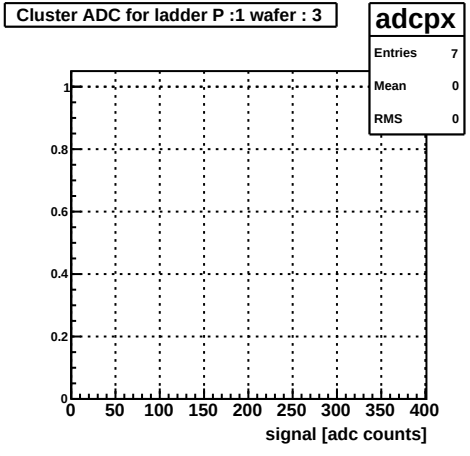

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 19908
Mean 61.66
RMS 58.85
signal [adc counts]

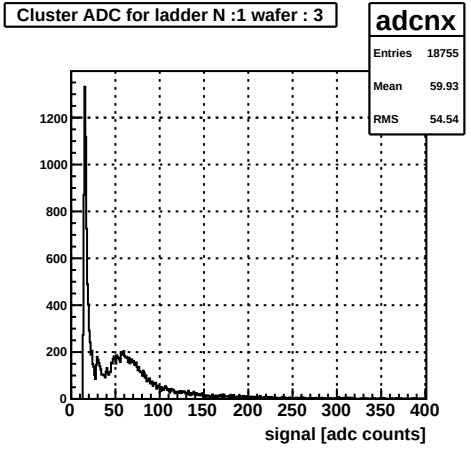

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

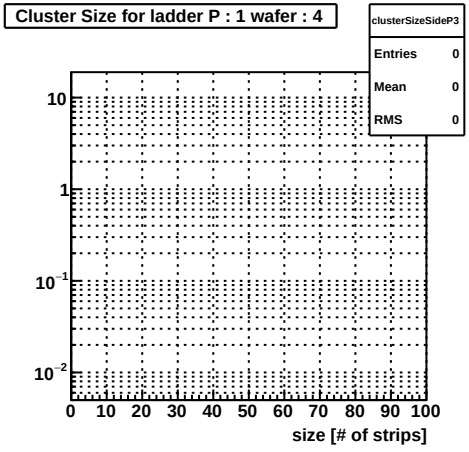

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 7
Mean 1
RMS 0
size [# of strips]

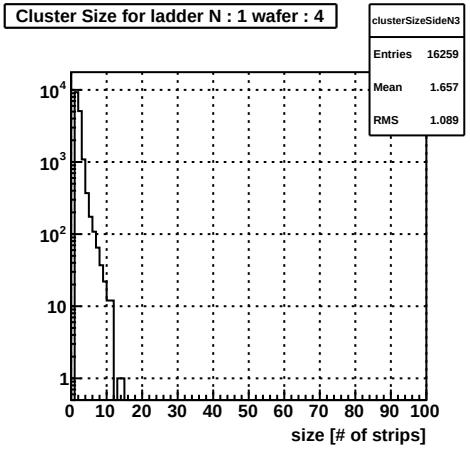

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 18755
Mean 1.494
RMS 0.7599
size [# of strips]

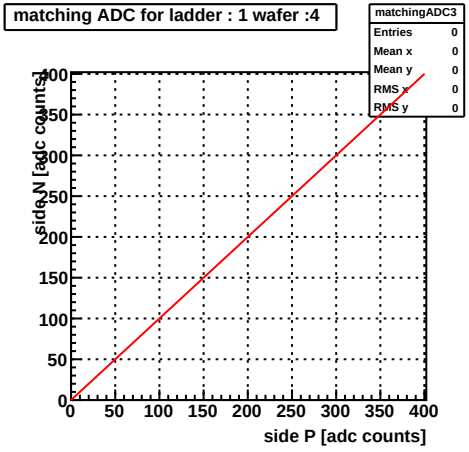

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

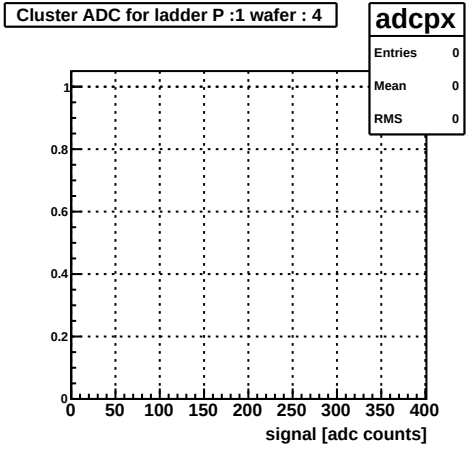

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

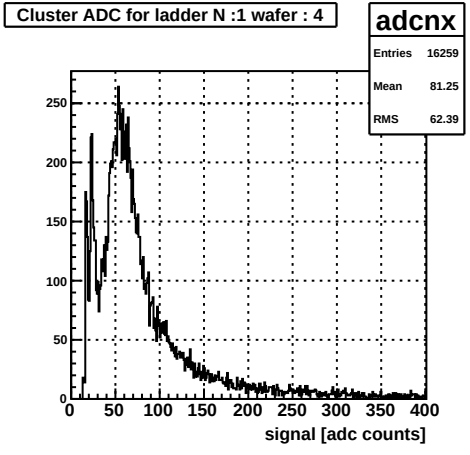

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 18755
Mean 59.93
RMS 54.54
signal [adc counts]

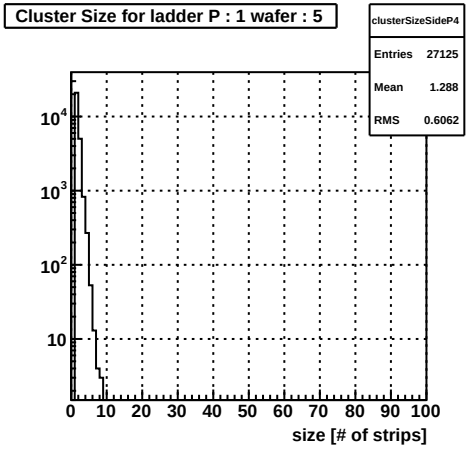

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

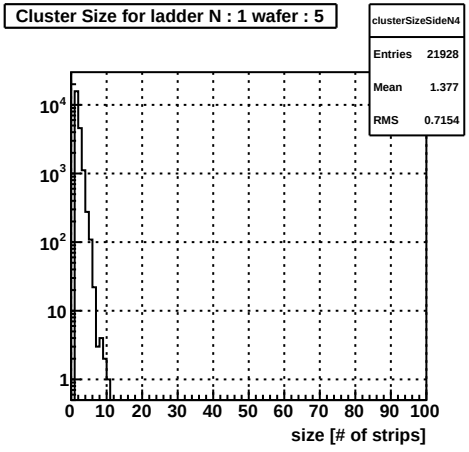

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 16259
Mean 1.657
RMS 1.089
size [# of strips]

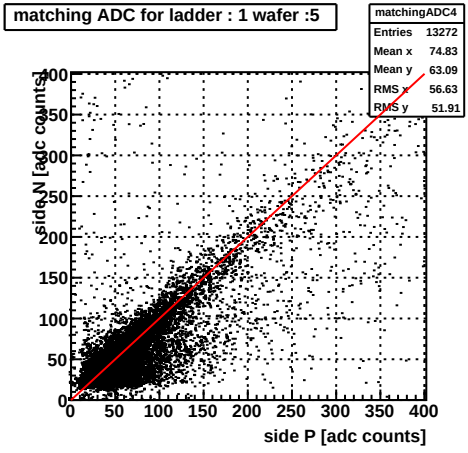

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

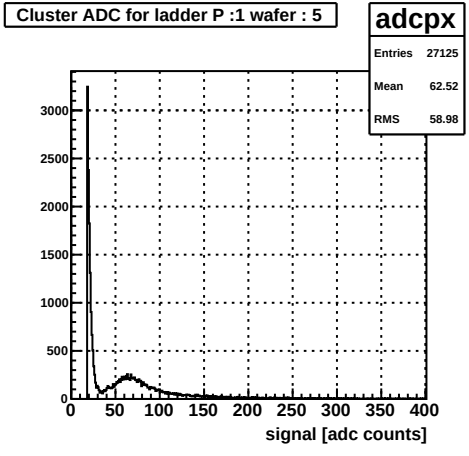

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

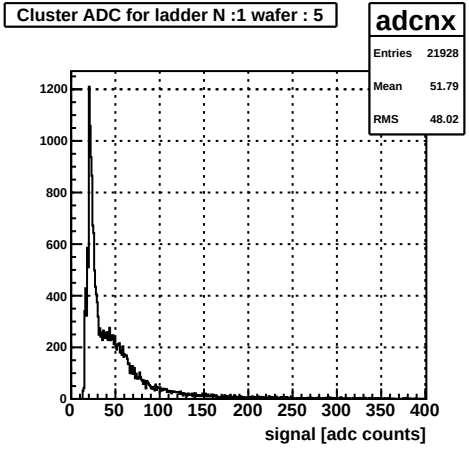

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 16259
Mean 81.25
RMS 62.39
signal [adc counts]

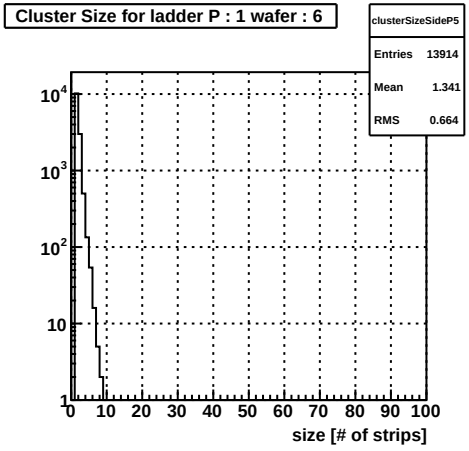

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 27125
Mean 1.288
RMS 0.6062
size [# of strips]

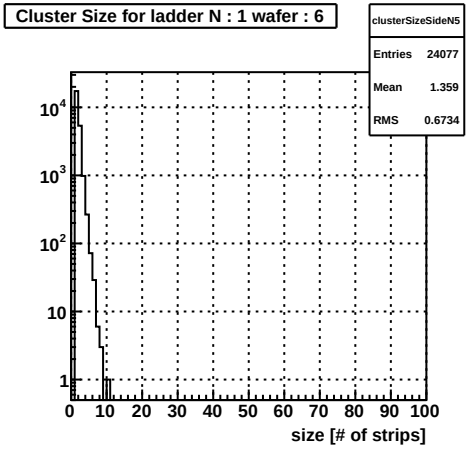

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 21928
Mean 1.377
RMS 0.7154
size [# of strips]

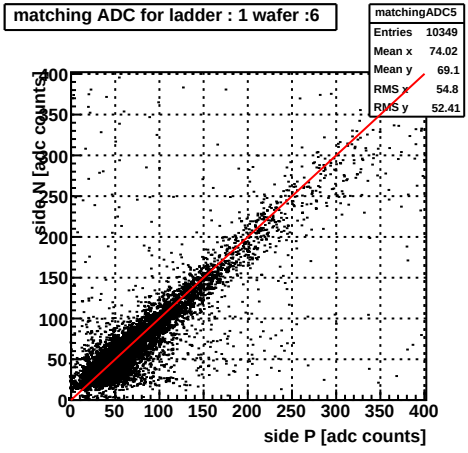

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 13272
Mean x 74.83
Mean y 63.09
RMS x 56.63
RMS y 51.91
side N [adc counts]
side P [adc counts]

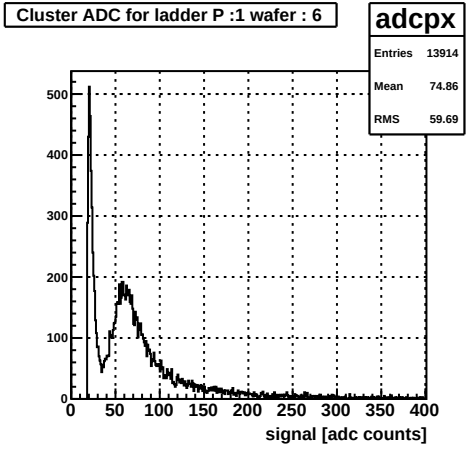

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 27125
Mean 62.52
RMS 58.98
signal [adc counts]

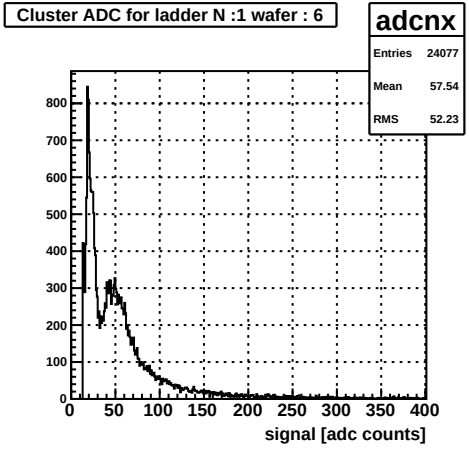

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 21928
Mean 51.79
RMS 48.02
signal [adc counts]

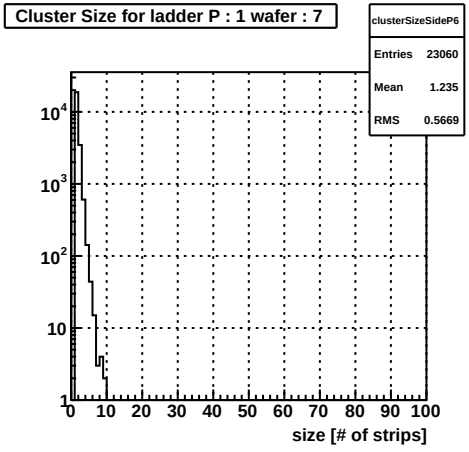

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 13914
Mean 1.341
RMS 0.664
size [# of strips]

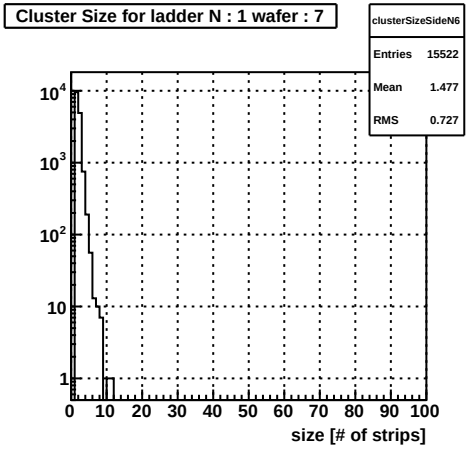

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 24077
Mean 1.359
RMS 0.6734
size [# of strips]

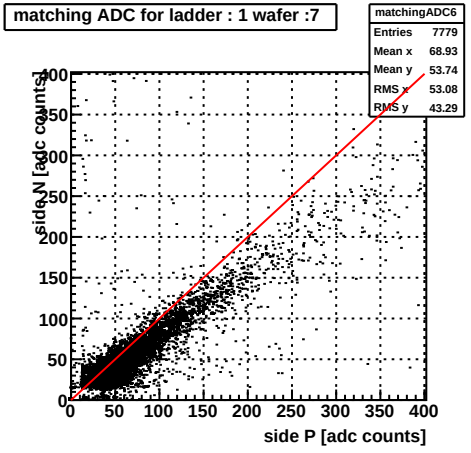

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 10349
Mean x 74.02
Mean y 69.1
RMS x 54.8
RMS y 52.41
side N [adc counts]
side P [adc counts]

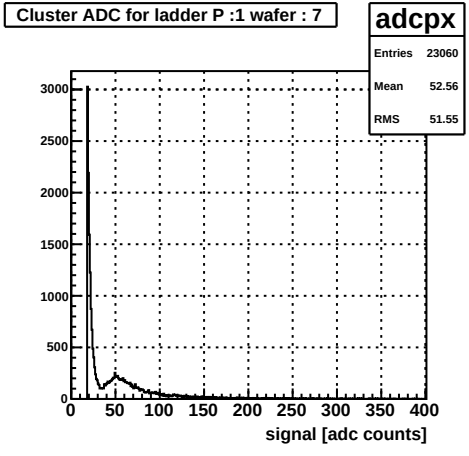

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 13914
Mean 74.86
RMS 59.69
signal [adc counts]

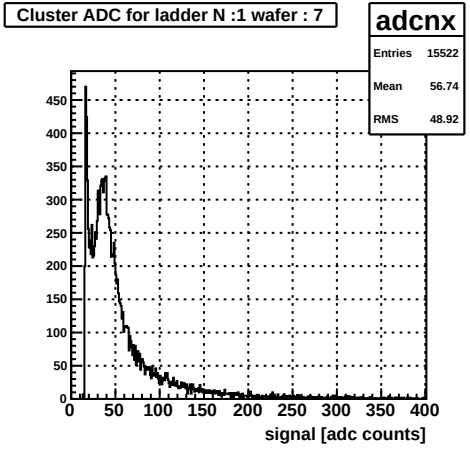

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 24077
Mean 57.54
RMS 52.23
signal [adc counts]

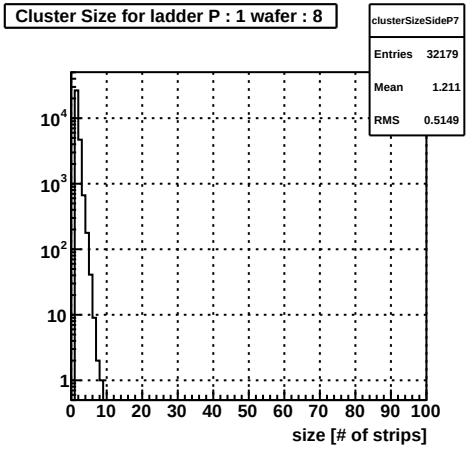

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 23060
Mean 1.235
RMS 0.5669
size [# of strips]

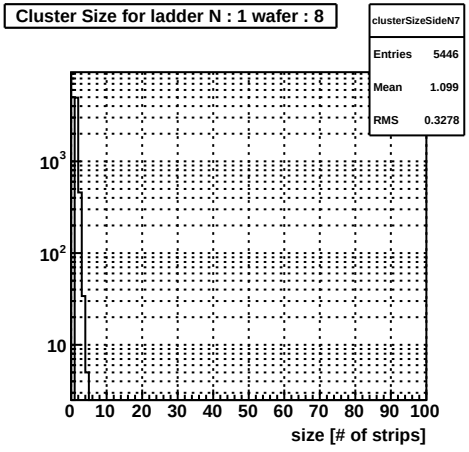

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 15522
Mean 1.477
RMS 0.727
size [# of strips]

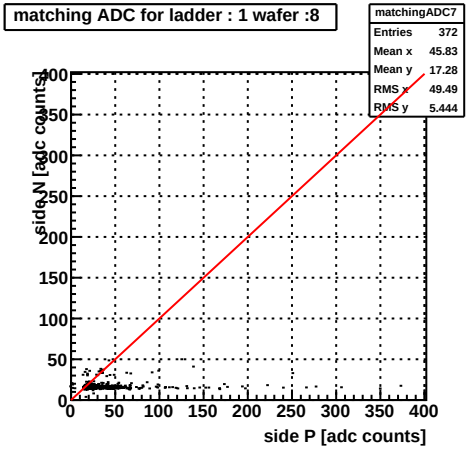

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 7779
Mean x 68.93
Mean y 53.74
RMS x 53.08
RMS y 43.29
side N [adc counts]
side P [adc counts]

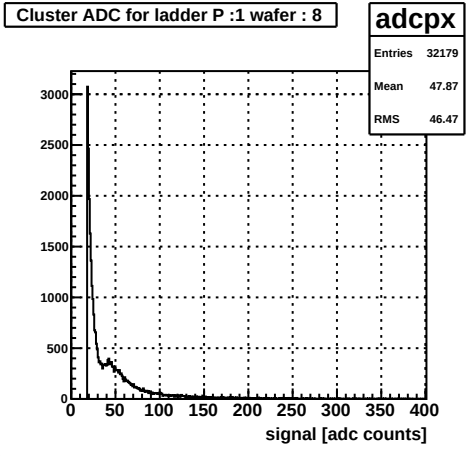

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 23060
Mean 52.56
RMS 51.55
signal [adc counts]

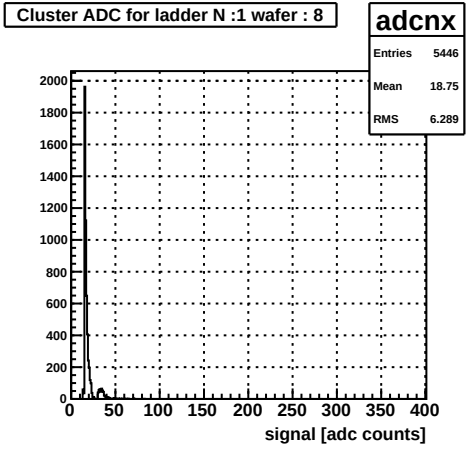

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 15522
Mean 56.74
RMS 48.92
signal [adc counts]

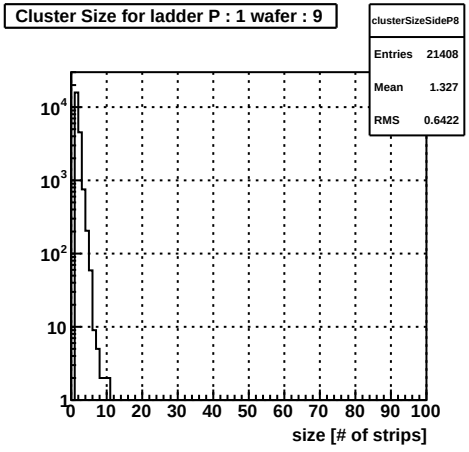

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 32179
Mean 1.211
RMS 0.5149
size [# of strips]

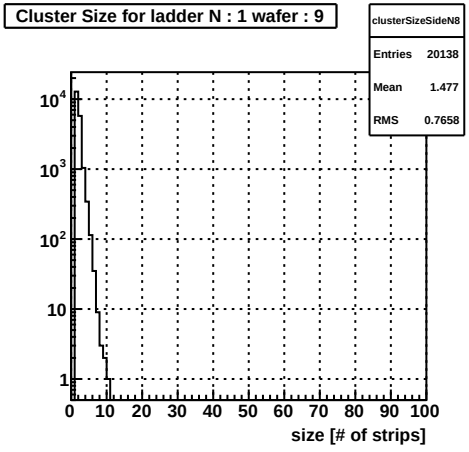

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5446
Mean 1.099
RMS 0.3278
size [# of strips]

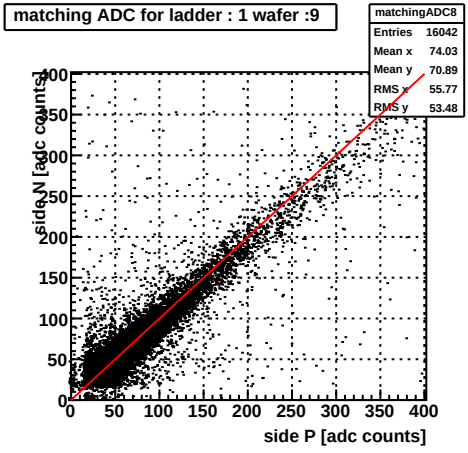

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 372
Mean x 45.83
Mean y 17.28
RMS x 49.49
RMS y 5.444
side N [adc counts]
side P [adc counts]

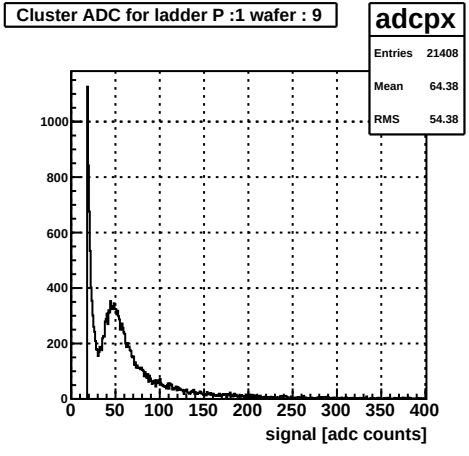

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 32179
Mean 47.87
RMS 46.47
signal [adc counts]

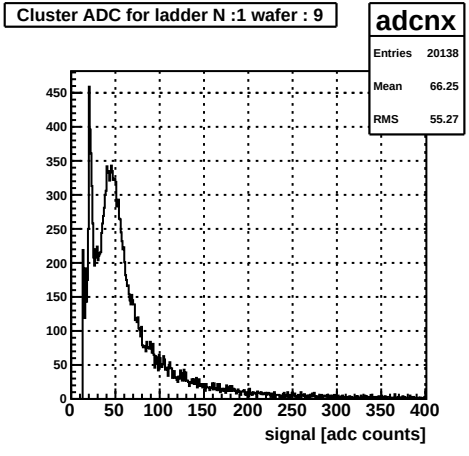

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5446
Mean 18.75
RMS 6.289
signal [adc counts]

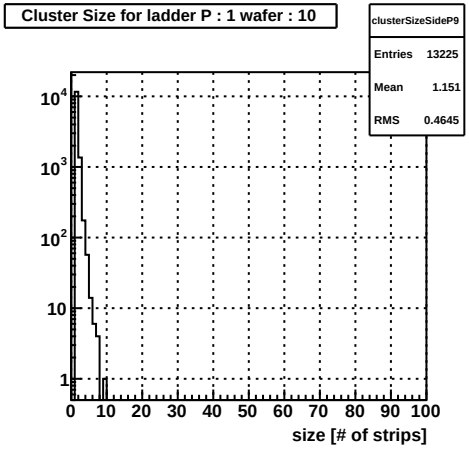

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 21408
Mean 1.327
RMS 0.6422
size [# of strips]

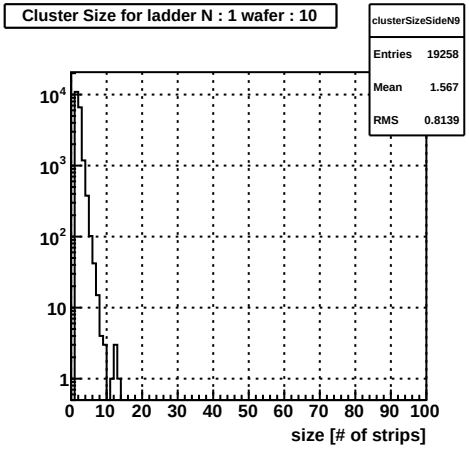

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 20138
Mean 1.477
RMS 0.7658
size [# of strips]

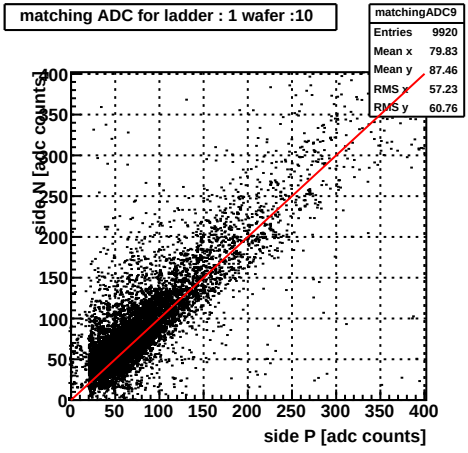

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 16042
Mean x 74.03
Mean y 70.89
RMS x 55.77
RMS y 53.48
side N [adc counts]
side P [adc counts]

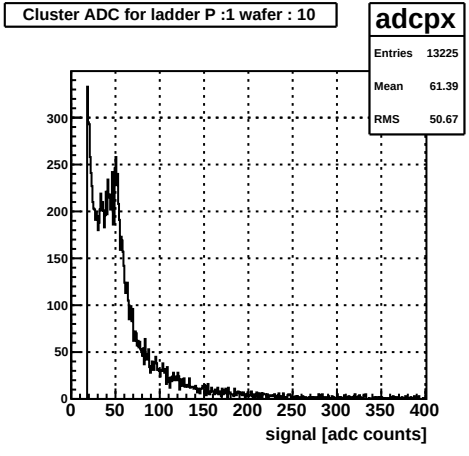

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 21408
Mean 64.38
RMS 54.38
signal [adc counts]

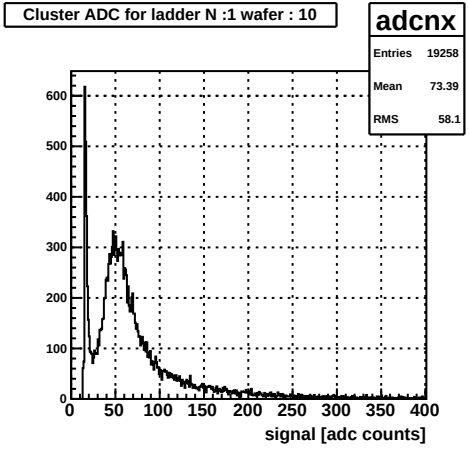

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 20138
Mean 66.25
RMS 55.27
signal [adc counts]

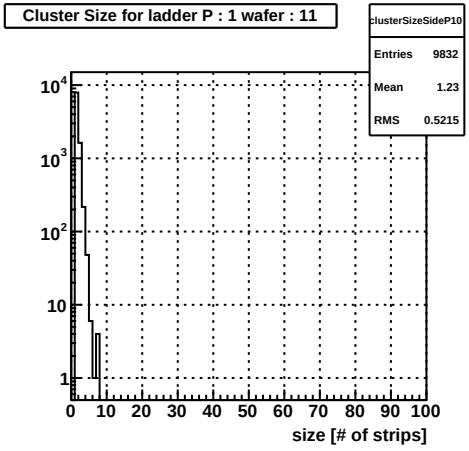

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 13225
Mean 1.151
RMS 0.4645
size [# of strips]

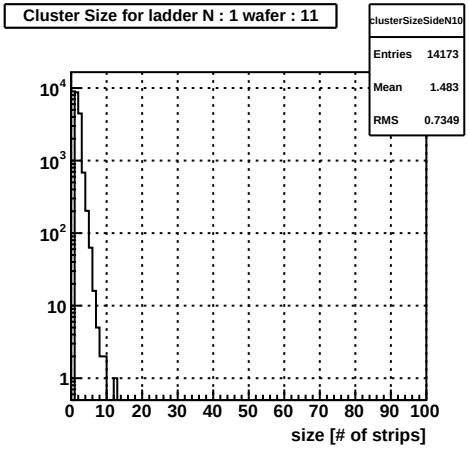

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 19258
Mean 1.567
RMS 0.8139
size [# of strips]

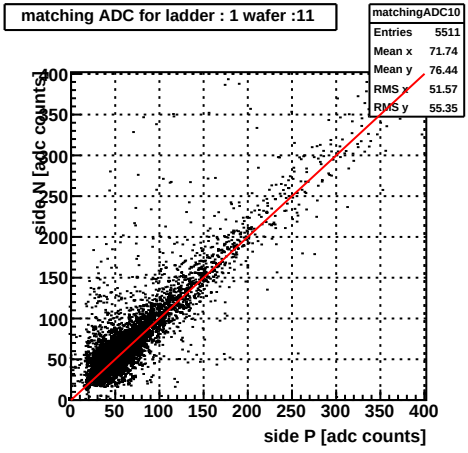

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 9920
Mean x 79.83
Mean y 87.46
RMS x 57.23
RMS y 60.76
side N [adc counts]
side P [adc counts]

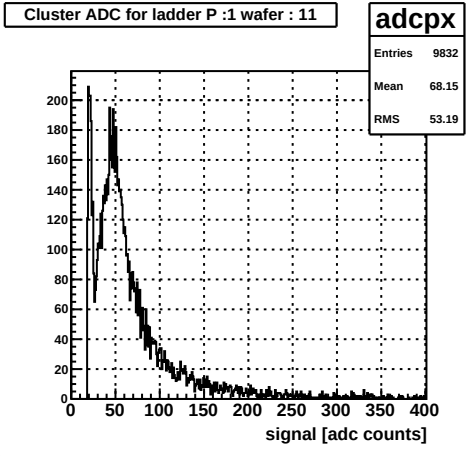

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 13225
Mean 61.39
RMS 50.67
signal [adc counts]

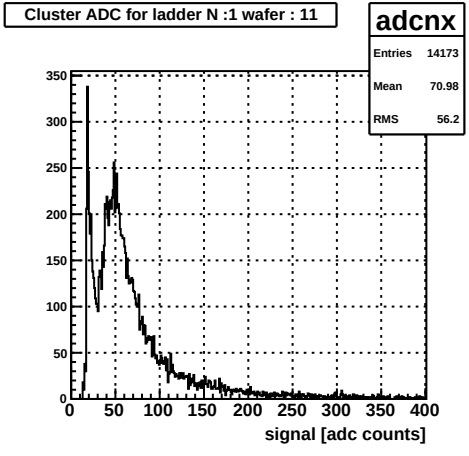

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 19258
Mean 73.39
RMS 58.1
signal [adc counts]

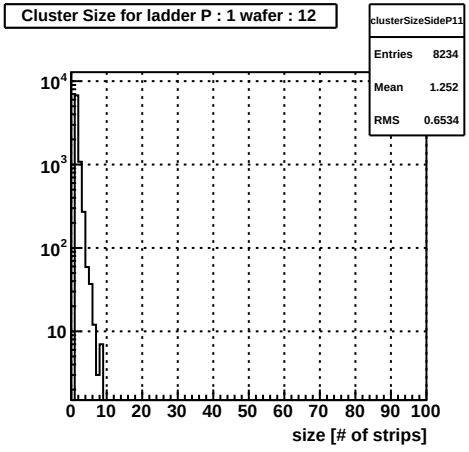

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9832
Mean 1.23
RMS 0.5215
size [# of strips]

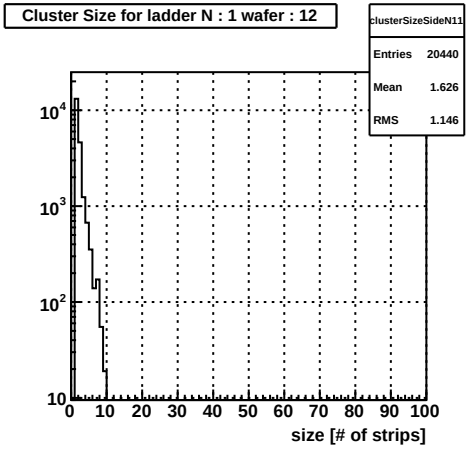

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 14173
Mean 1.483
RMS 0.7349
size [# of strips]

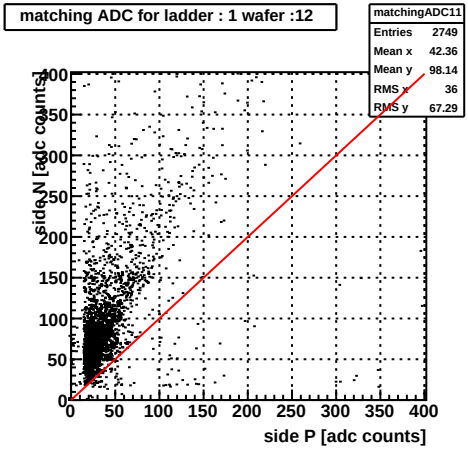

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 5511
Mean x 71.74
Mean y 76.44
RMS x 51.57
RMS y 55.35
side N [adc counts]
side P [adc counts]

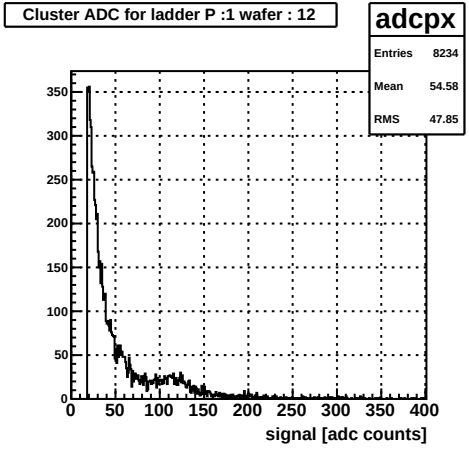

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9832
Mean 68.15
RMS 53.19
signal [adc counts]

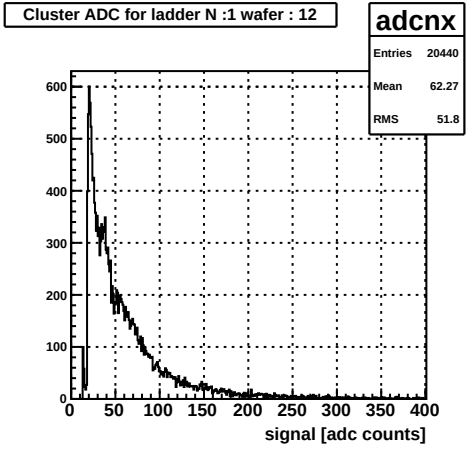

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 14173
Mean 70.98
RMS 56.2
signal [adc counts]

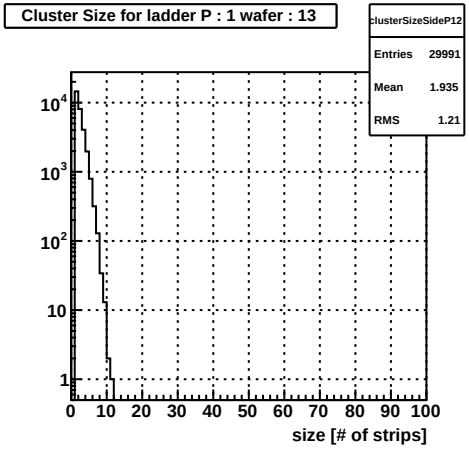

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 8234
Mean 1.252
RMS 0.6534
size [# of strips]

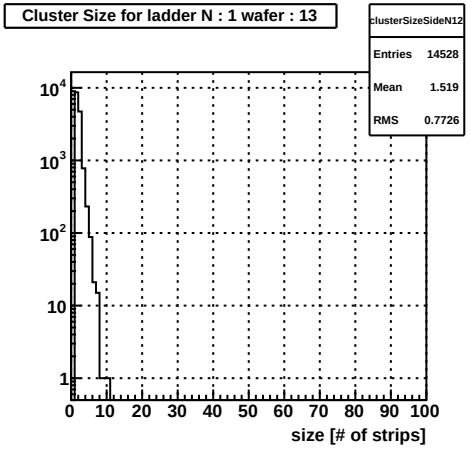

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 20440
Mean 1.626
RMS 1.146
size [# of strips]

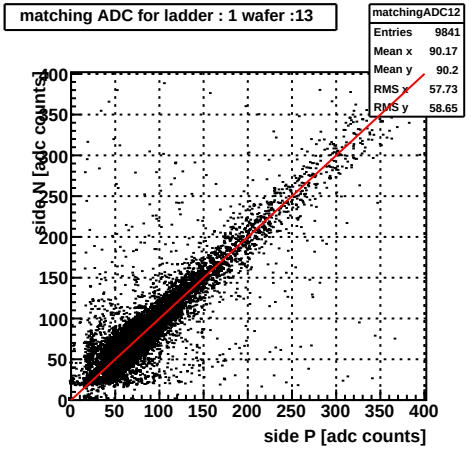

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2749
Mean x 42.36
Mean y 98.14
RMS x 36
RMS y 67.29
side N [adc counts]
side P [adc counts]

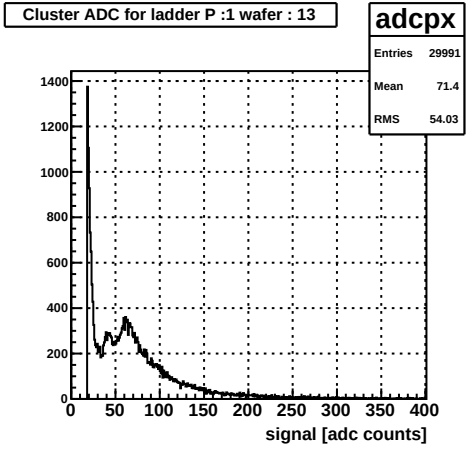

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 8234
Mean 54.58
RMS 47.85
signal [adc counts]

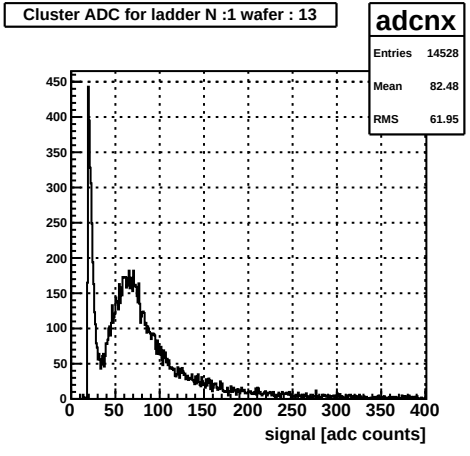

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 20440
Mean 62.27
RMS 51.8
signal [adc counts]

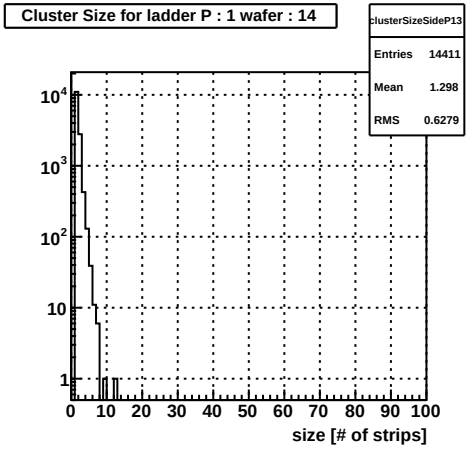

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 29991
Mean 1.935
RMS 1.21
size [# of strips]

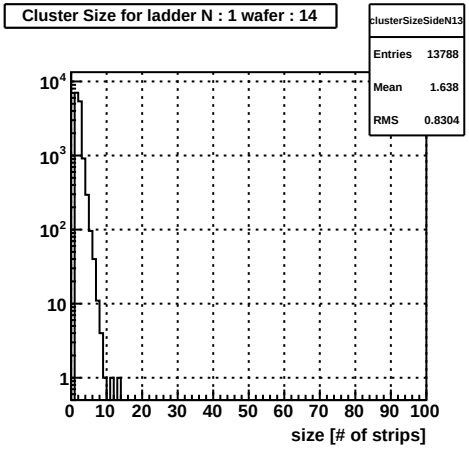

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 14528
Mean 1.519
RMS 0.7726
size [# of strips]

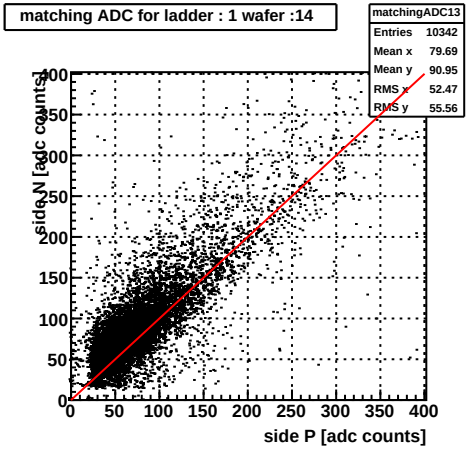

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 9841
Mean x 90.17
Mean y 90.2
RMS x 57.73
RMS y 58.65
side N [adc counts]
side P [adc counts]

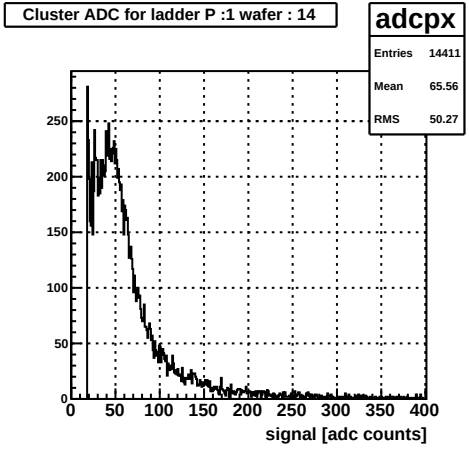

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 29991
Mean 71.4
RMS 54.03
signal [adc counts]

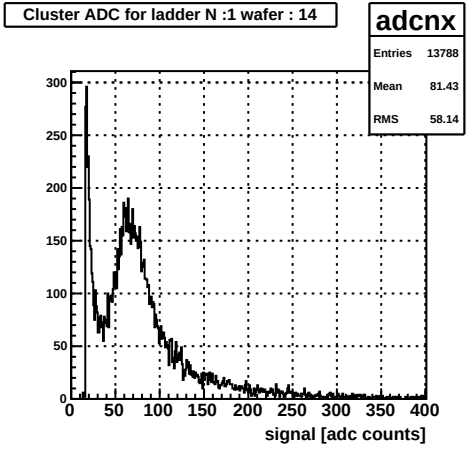

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 14528
Mean 82.48
RMS 61.95
signal [adc counts]

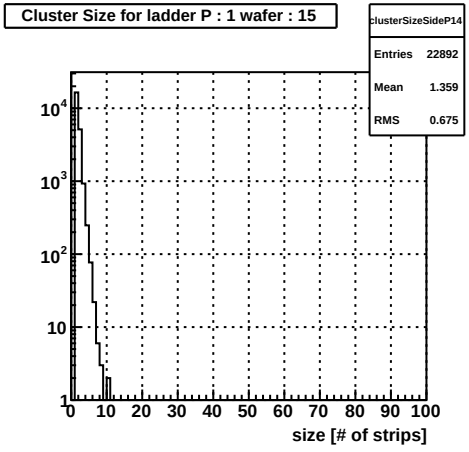

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 14411
Mean 1.298
RMS 0.6279
size [# of strips]

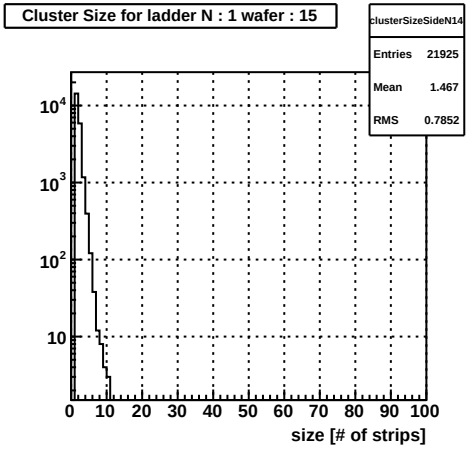

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 13788
Mean 1.638
RMS 0.8304
size [# of strips]

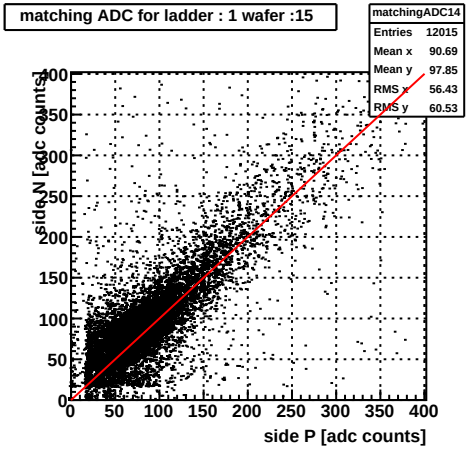

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 10342
Mean x 79.69
Mean y 90.95
RMS x 52.47
RMS y 55.56
side N [adc counts]
side P [adc counts]

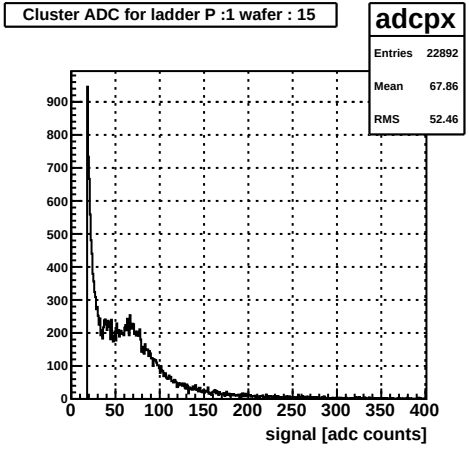

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 14411
Mean 65.56
RMS 50.27
signal [adc counts]

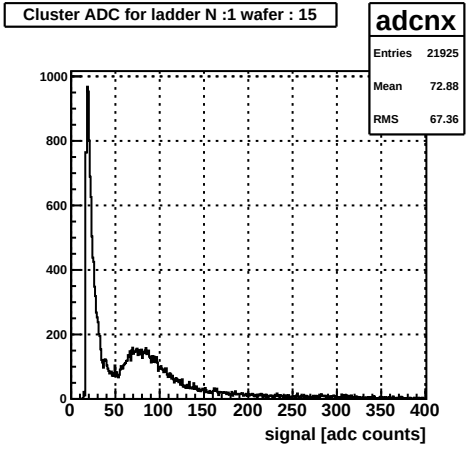

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 13788
Mean 81.43
RMS 58.14
signal [adc counts]

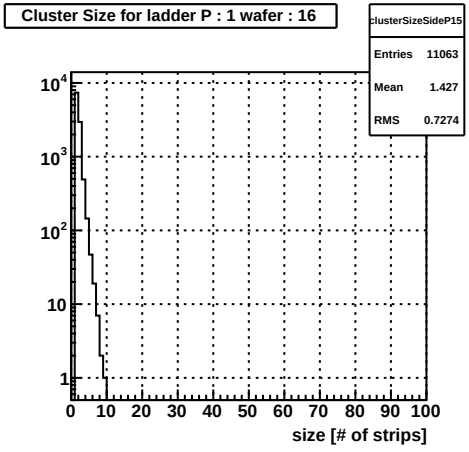

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 22892
Mean 1.359
RMS 0.675
size [# of strips]

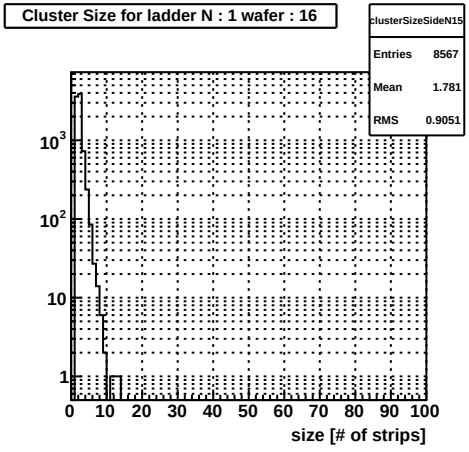

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 21925
Mean 1.467
RMS 0.7852
size [# of strips]

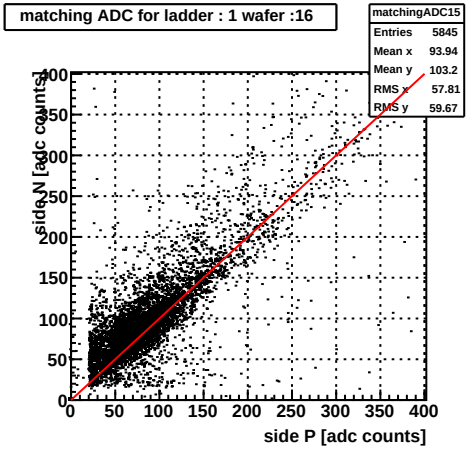

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 12015
Mean x 90.69
Mean y 97.85
RMS x 56.43
RMS y 60.53
side N [adc counts]
side P [adc counts]

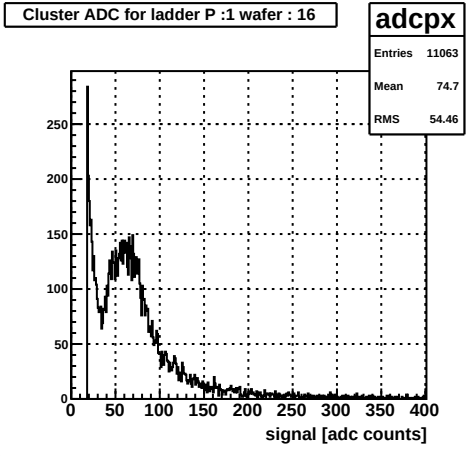

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 22892
Mean 67.86
RMS 52.46
signal [adc counts]

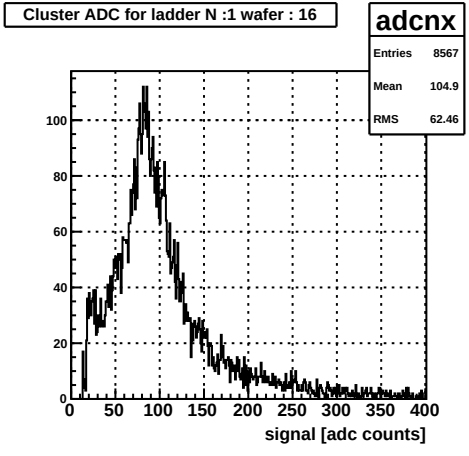

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 21925
Mean 72.88
RMS 67.36
signal [adc counts]

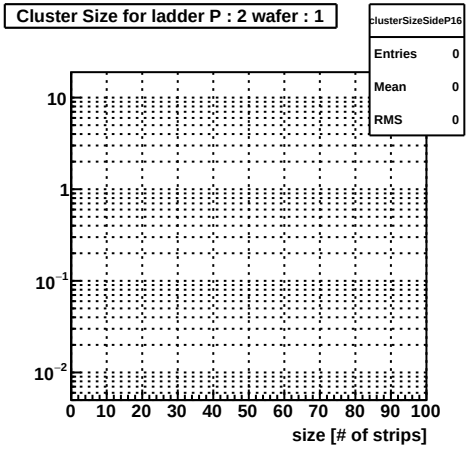

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 11063
Mean 1.427
RMS 0.7274
size [# of strips]

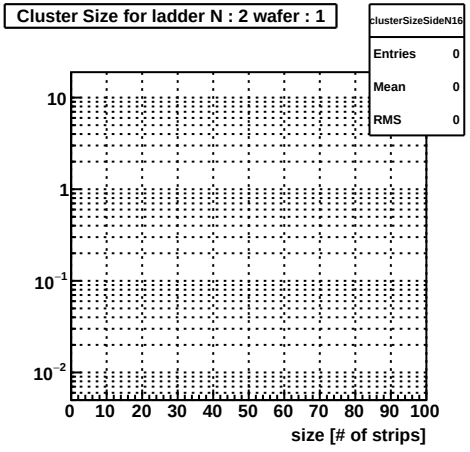

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 8567
Mean 1.781
RMS 0.9051
size [# of strips]

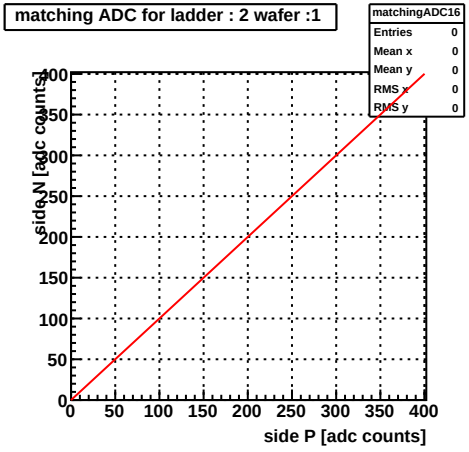

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 5845
Mean x 93.94
Mean y 103.2
RMS x 57.81
RMS y 59.67
side N [adc counts]
side P [adc counts]

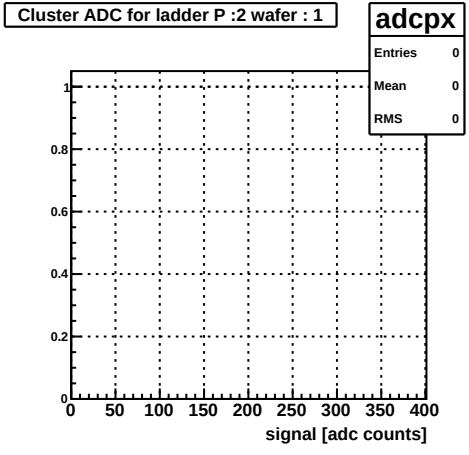

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 11063
Mean 74.7
RMS 54.46
signal [adc counts]

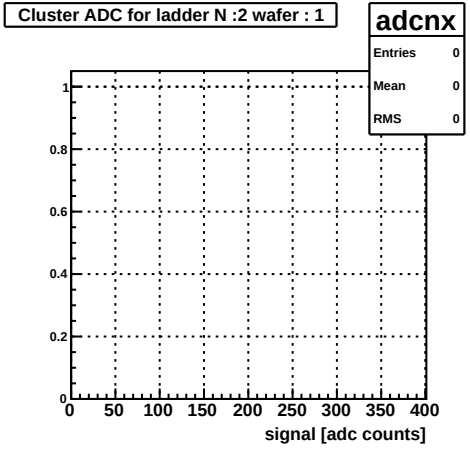

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 8567
Mean 104.9
RMS 62.46
signal [adc counts]

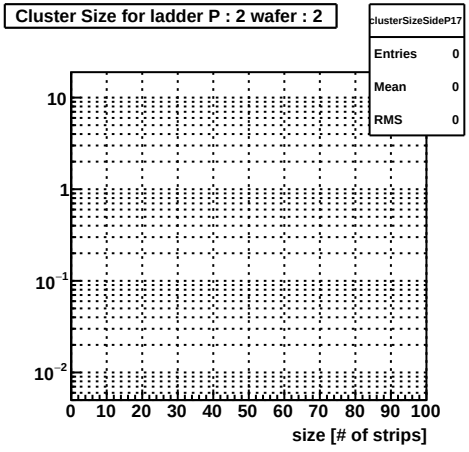

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

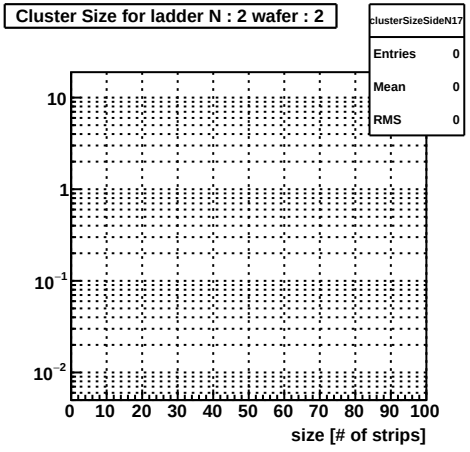

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

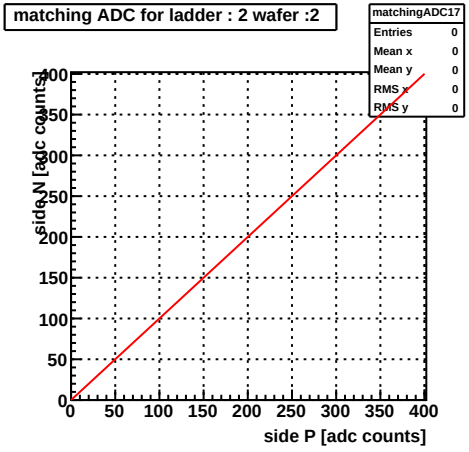

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

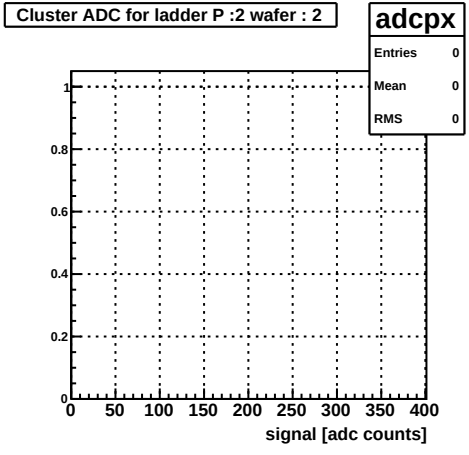

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

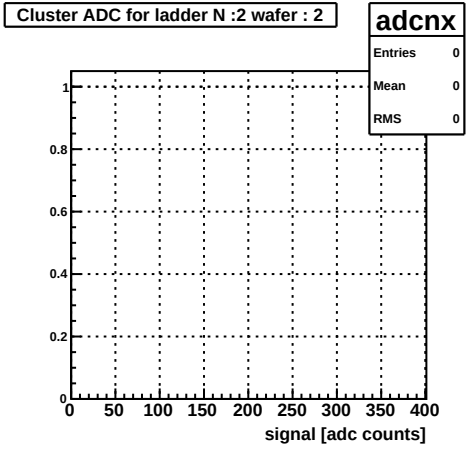

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

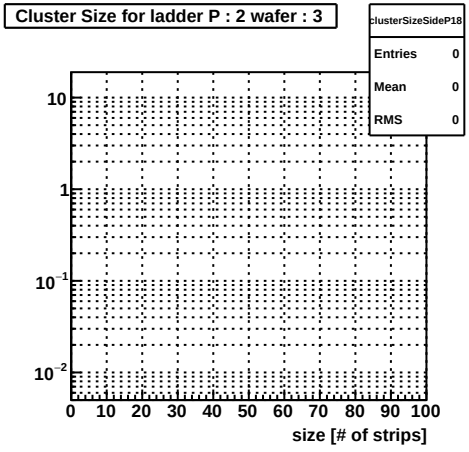

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

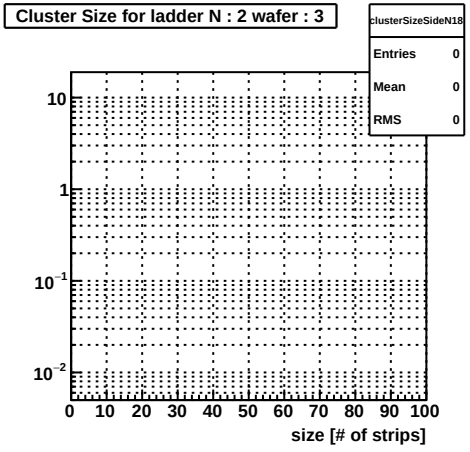

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

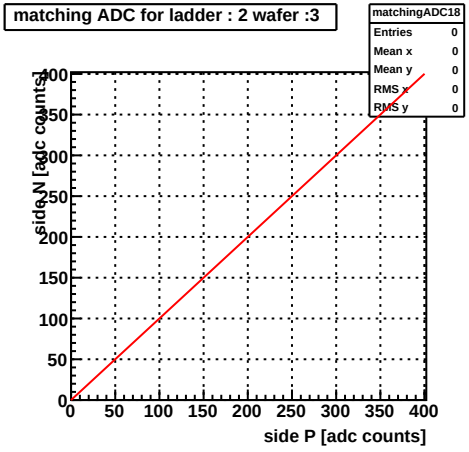

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

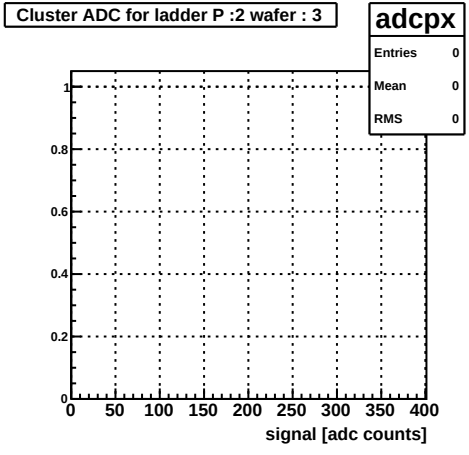

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

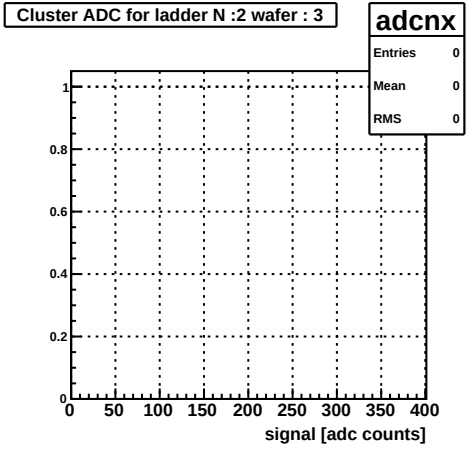

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

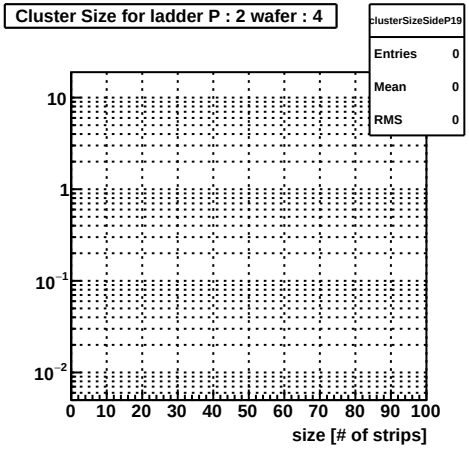

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

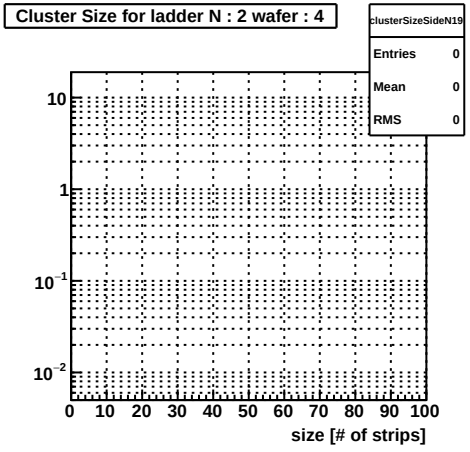

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

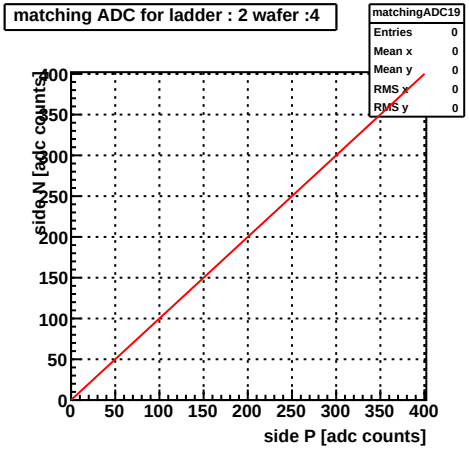

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

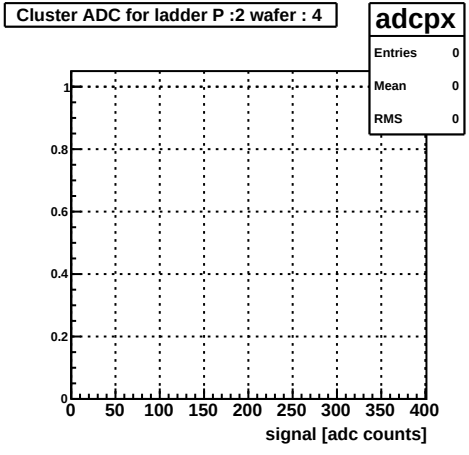

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

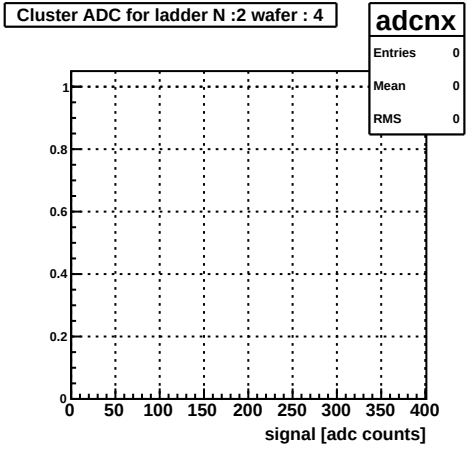

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

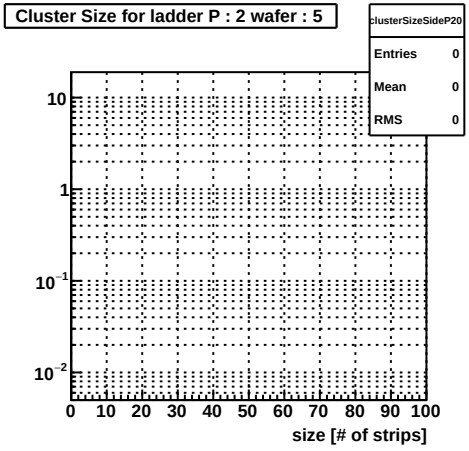

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

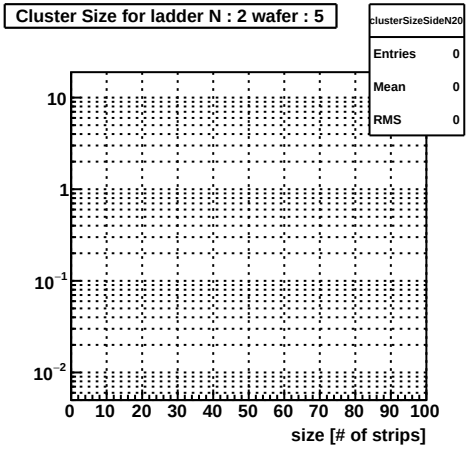

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

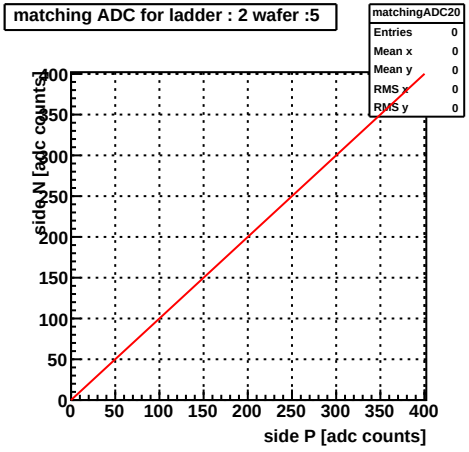

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

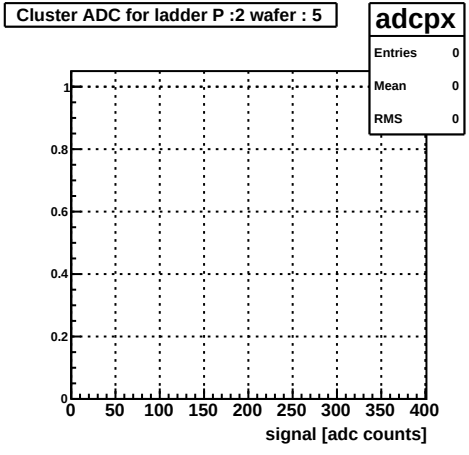

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

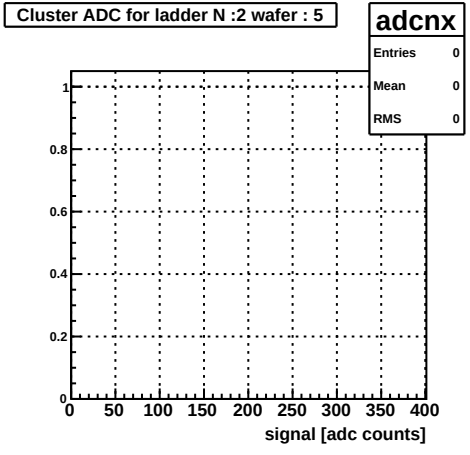

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

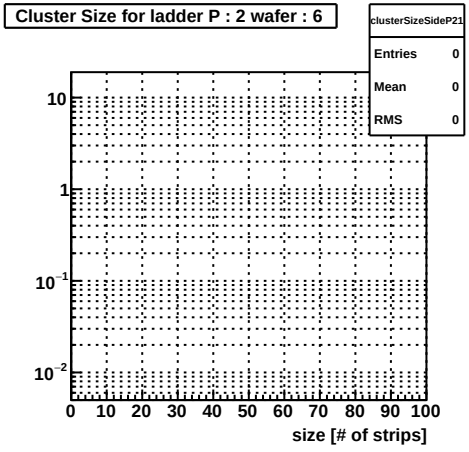

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

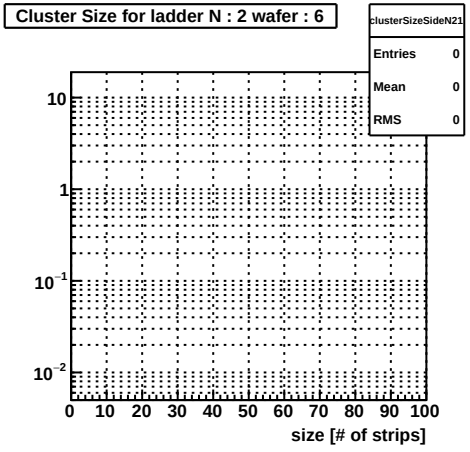

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

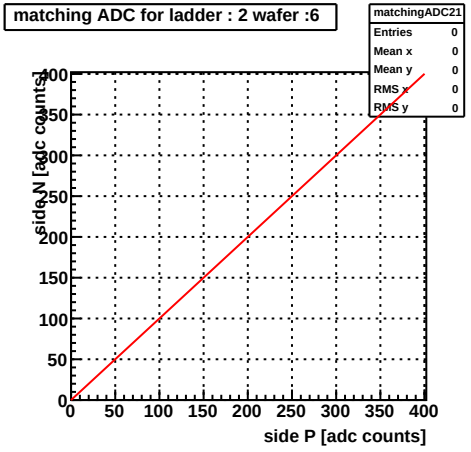

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

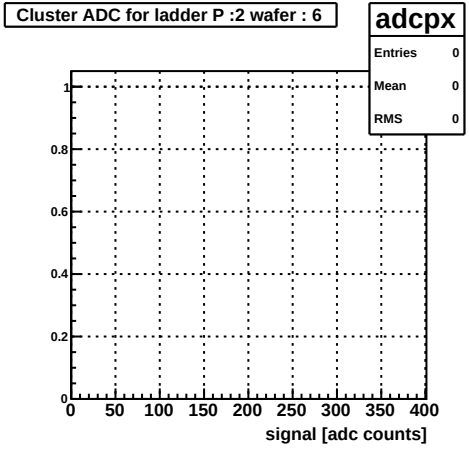

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

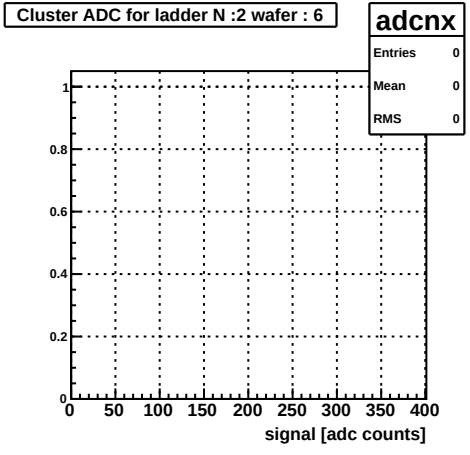

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

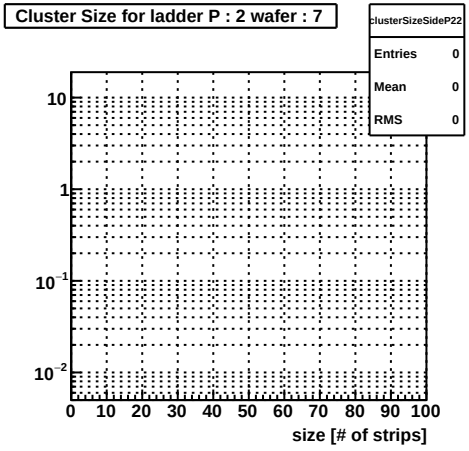

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

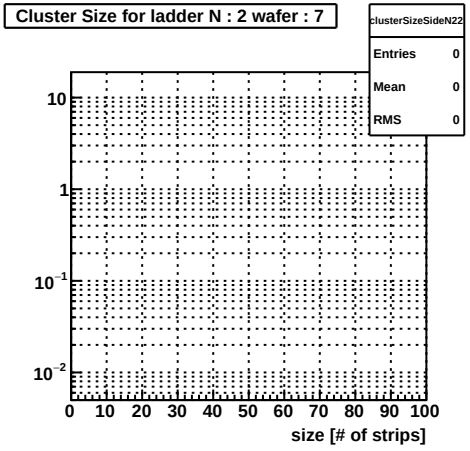

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

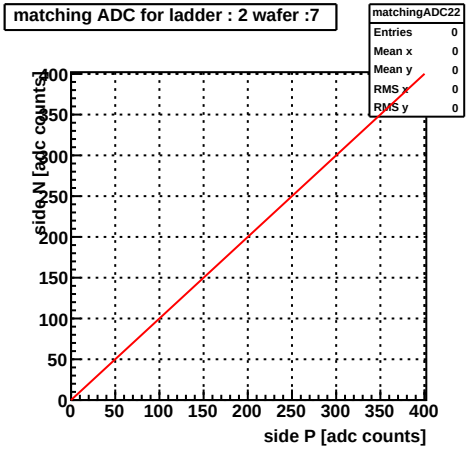

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

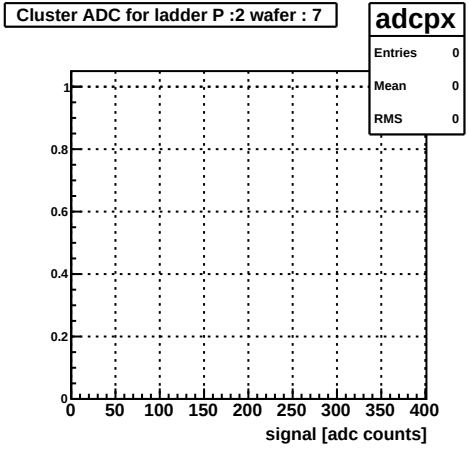

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

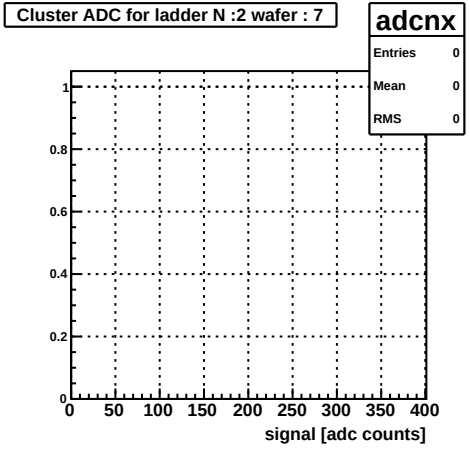

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

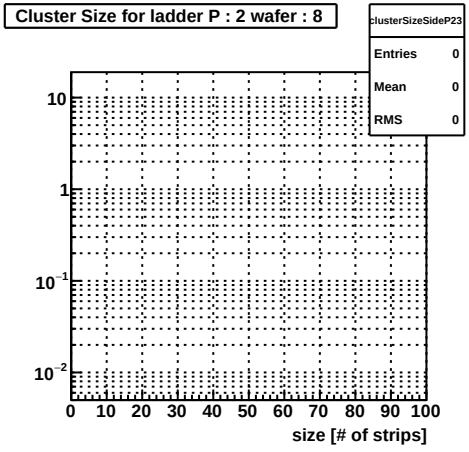

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

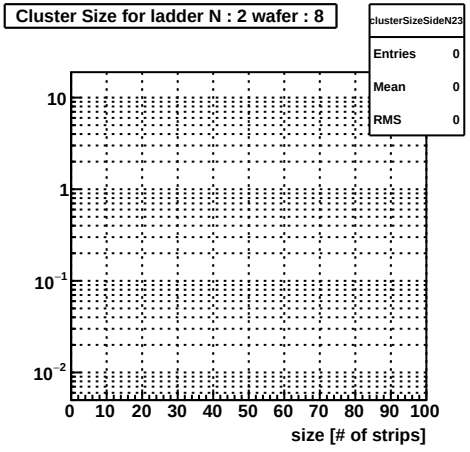

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

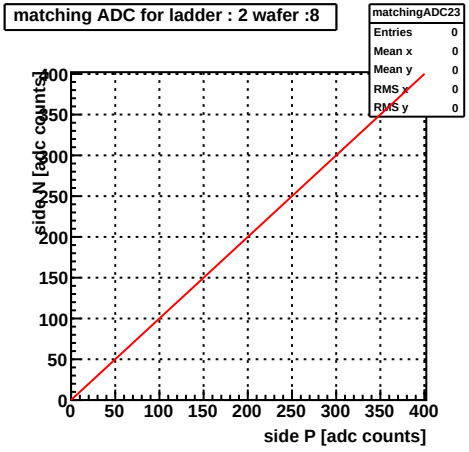

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

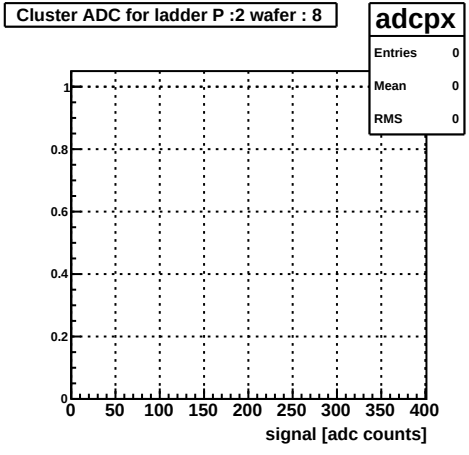

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

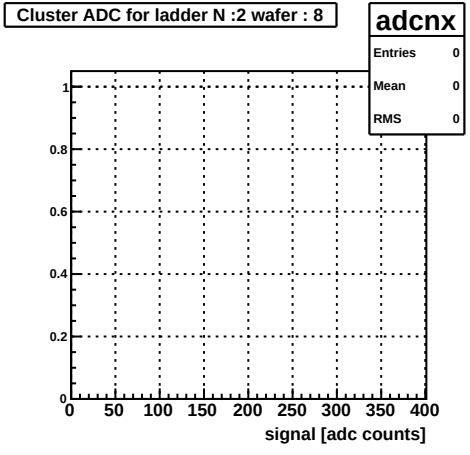

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

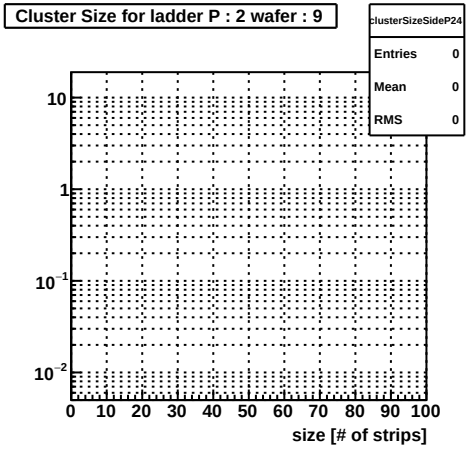

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

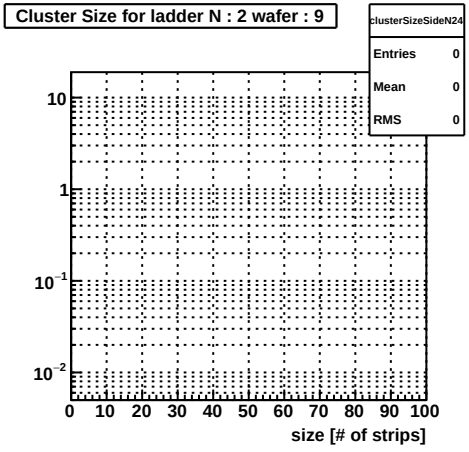

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

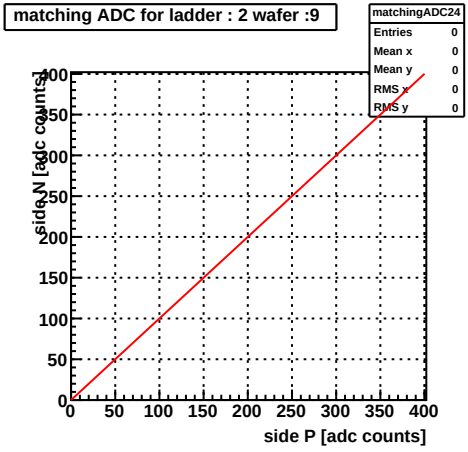

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

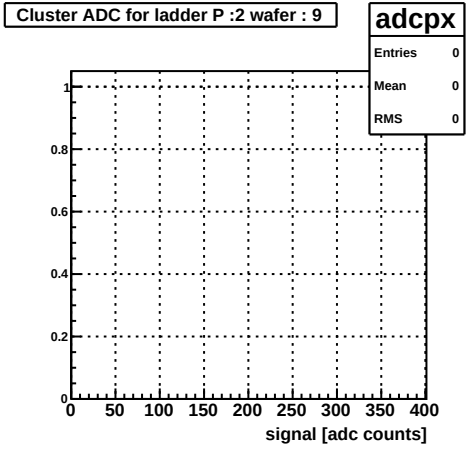

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

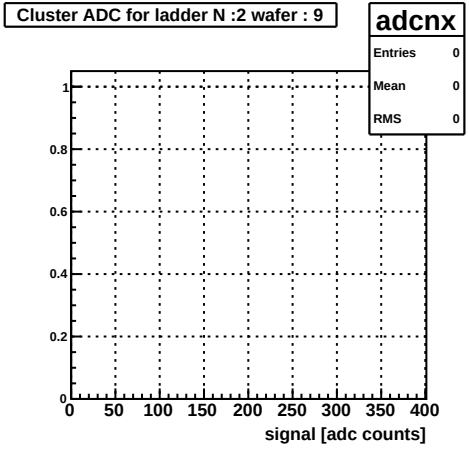

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

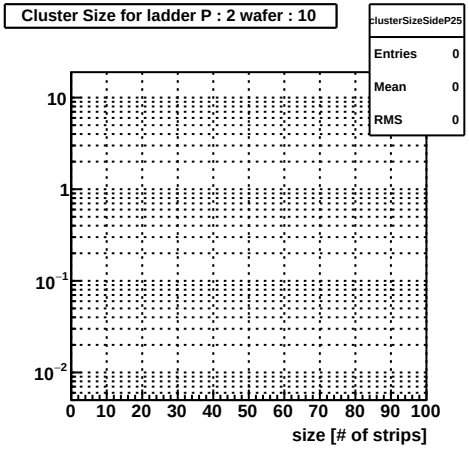

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

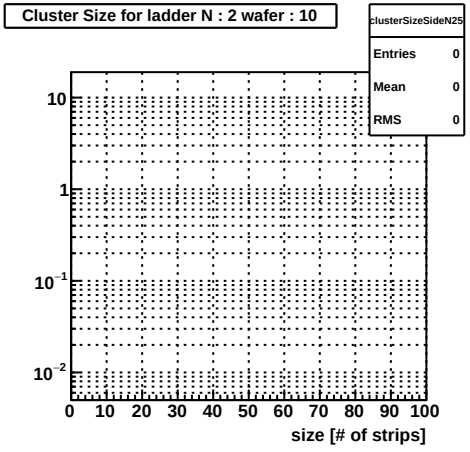

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

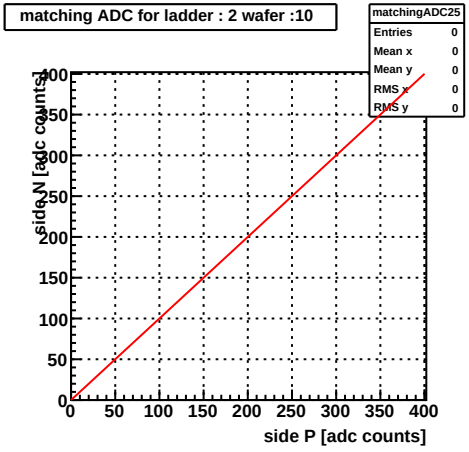

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

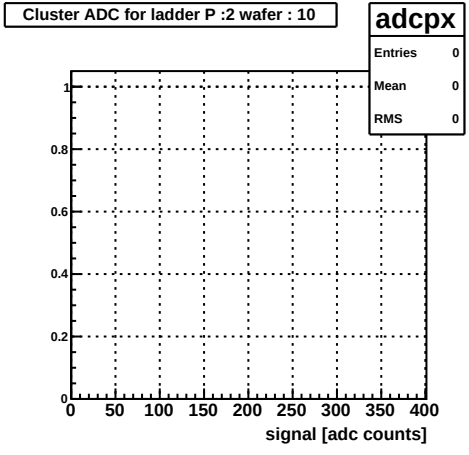

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

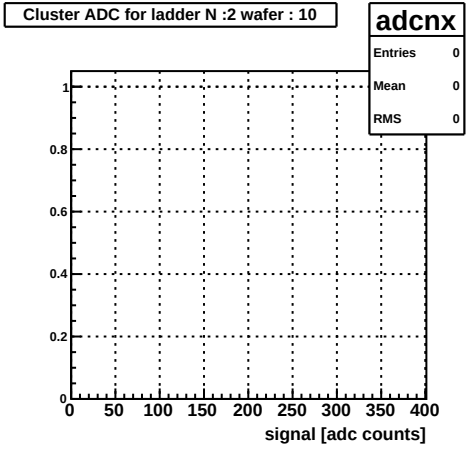

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

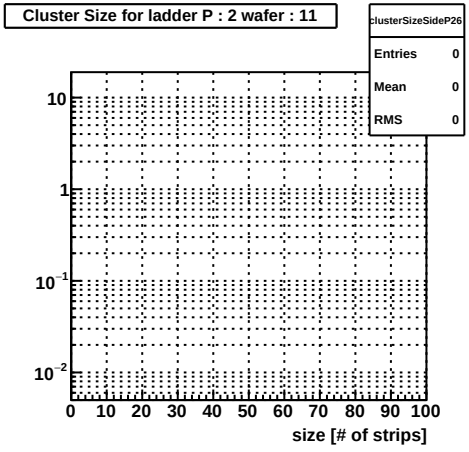

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

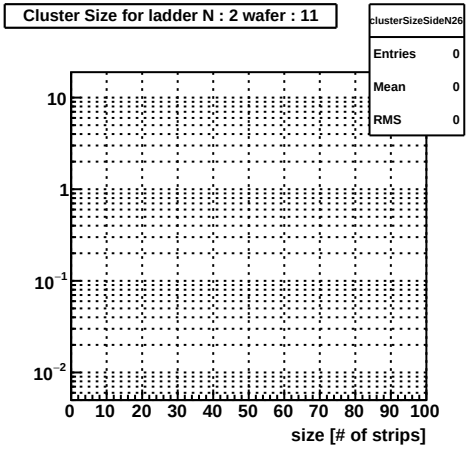

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

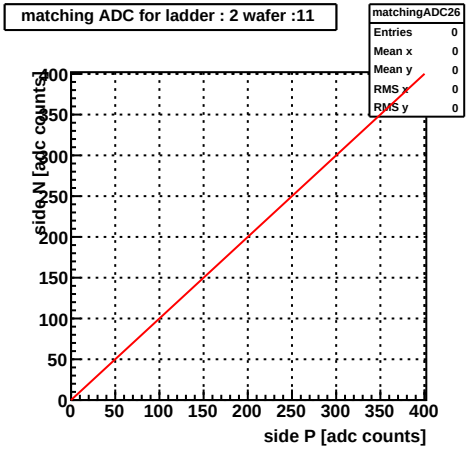

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

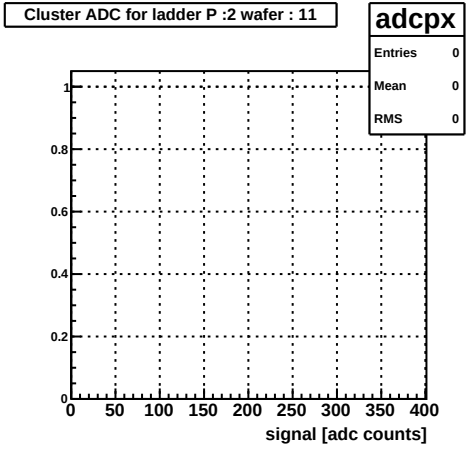

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

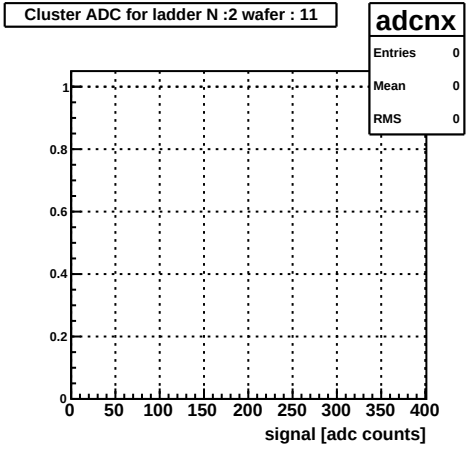

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

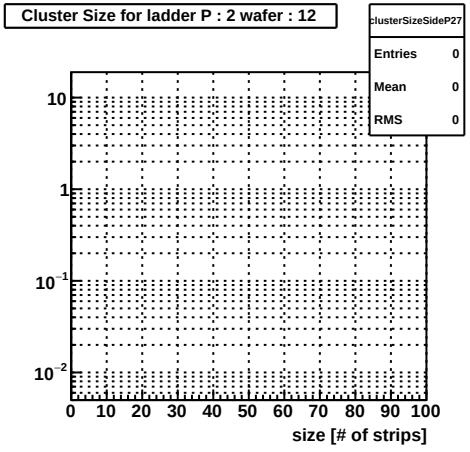

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

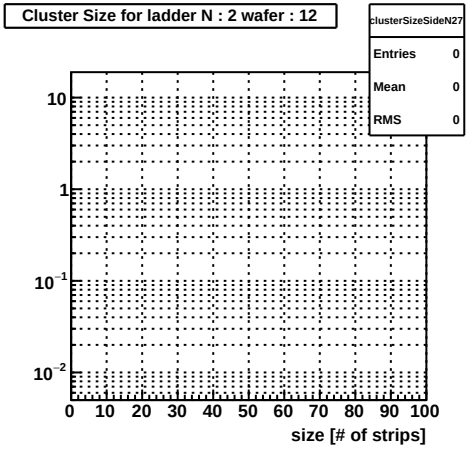

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

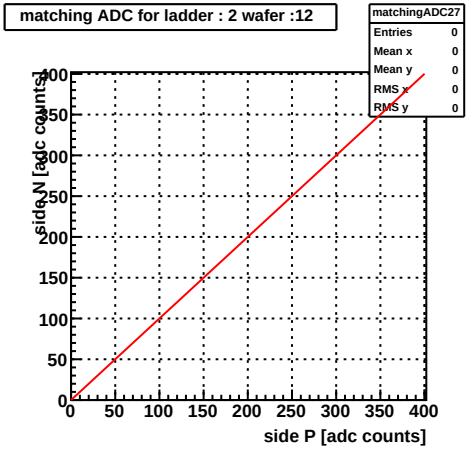

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

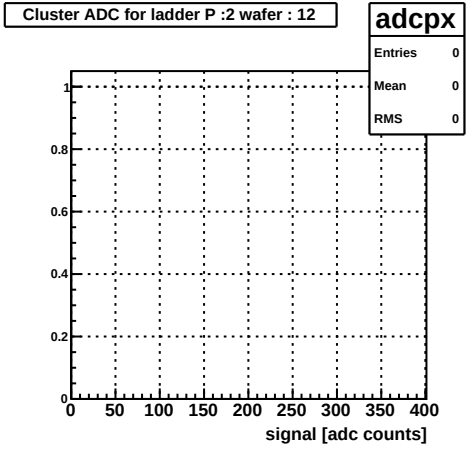

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

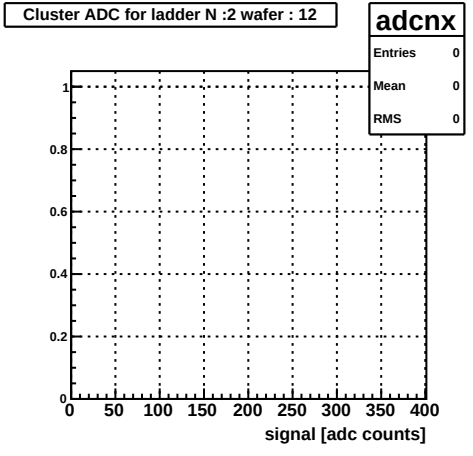

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

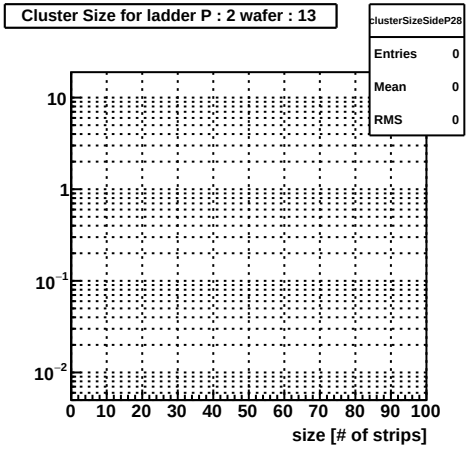

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

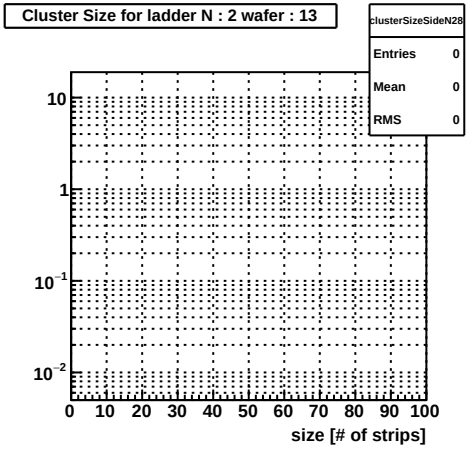

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

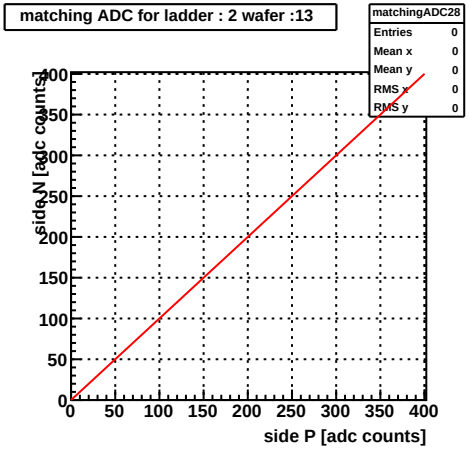

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

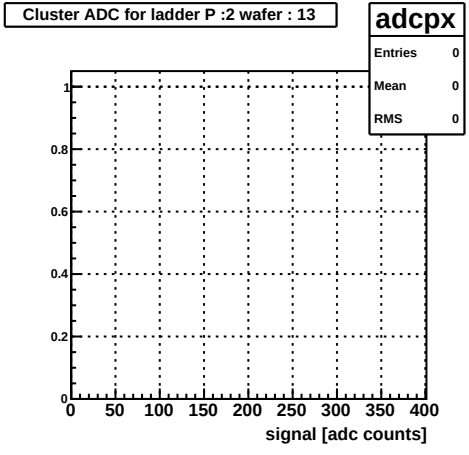

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

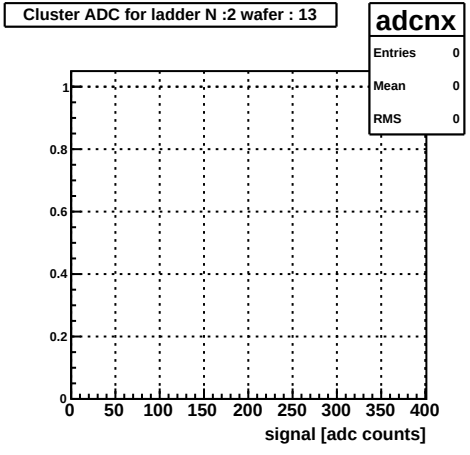

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

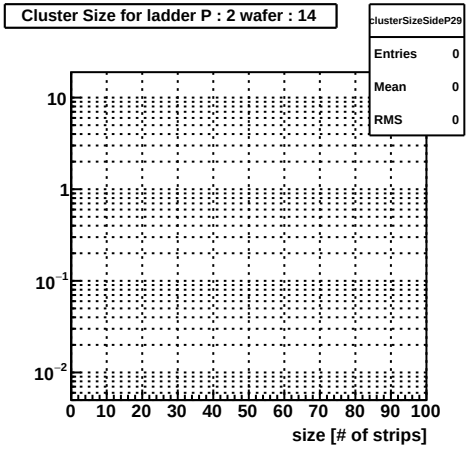

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

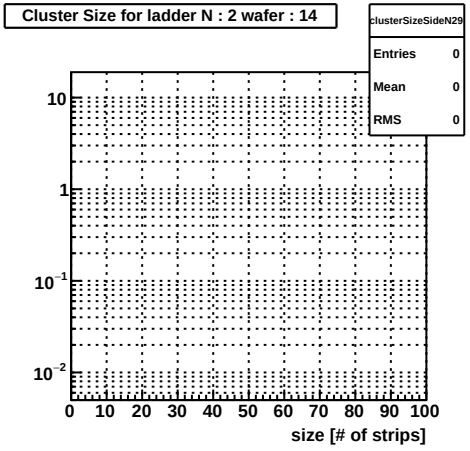

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

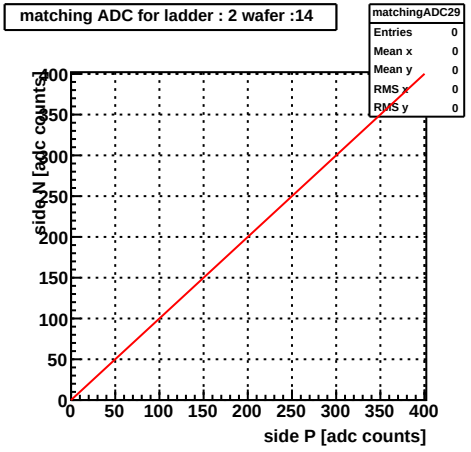

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

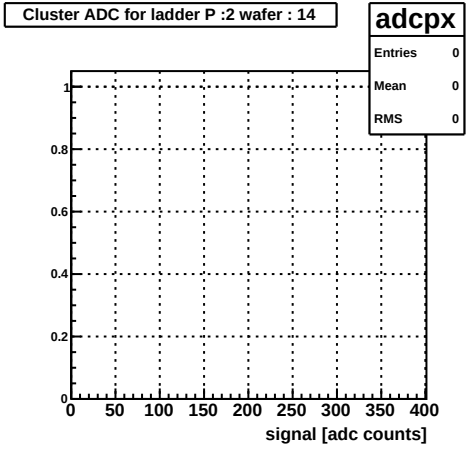

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

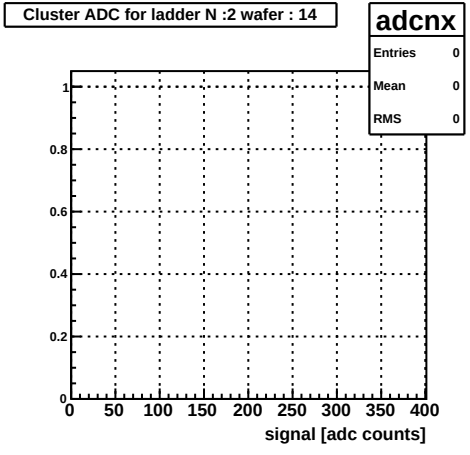

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

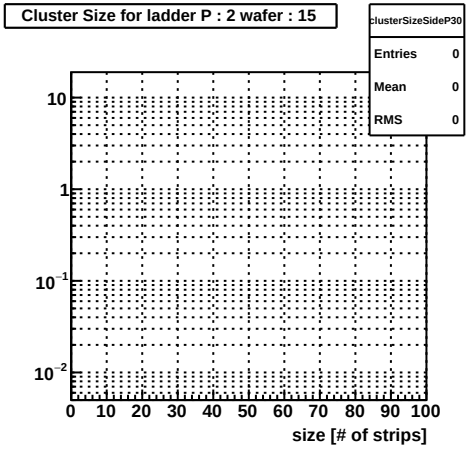

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

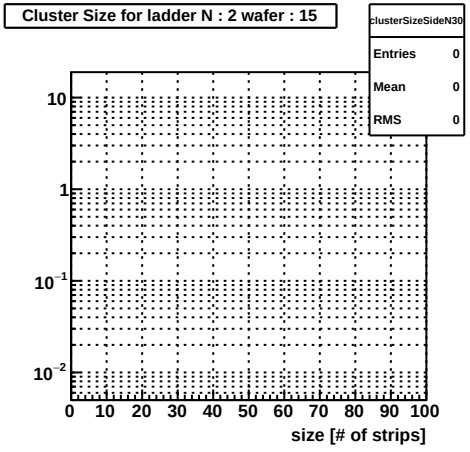

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

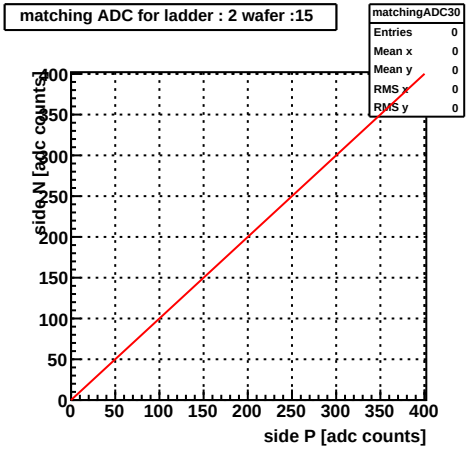

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

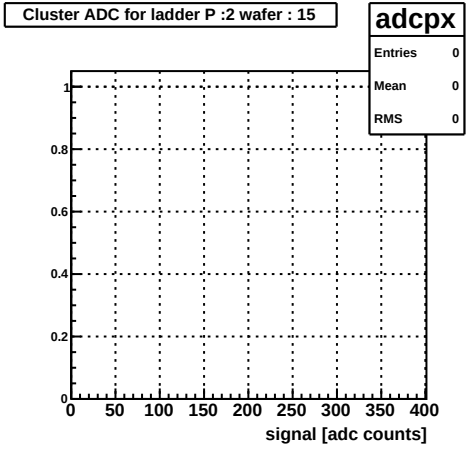

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

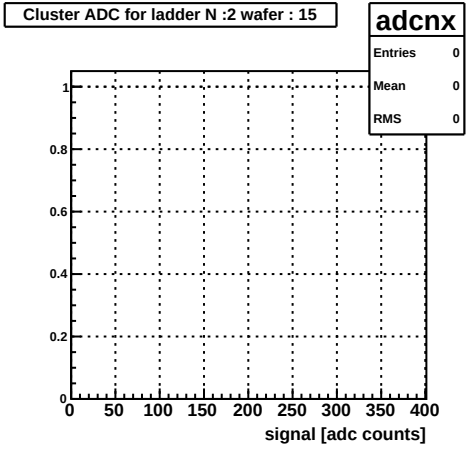

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

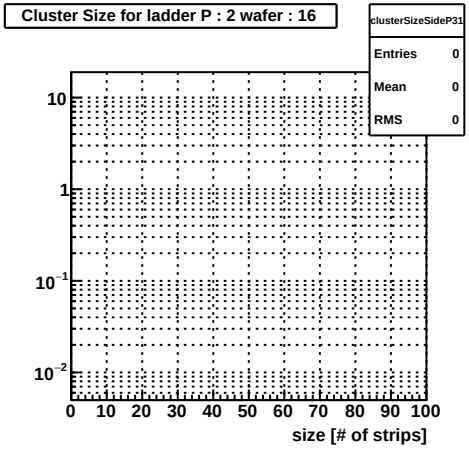

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

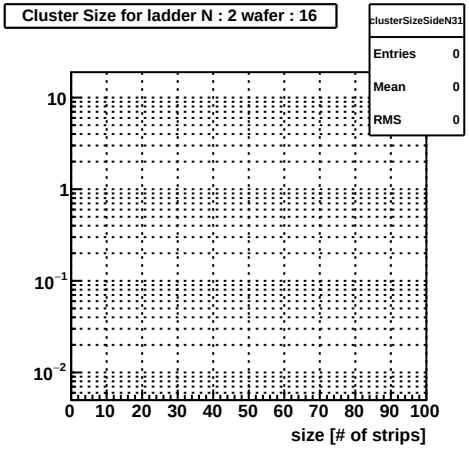

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

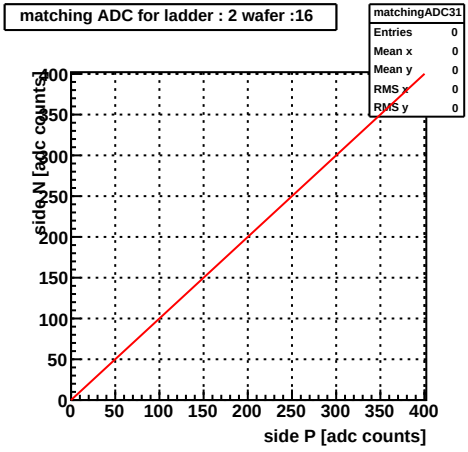

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

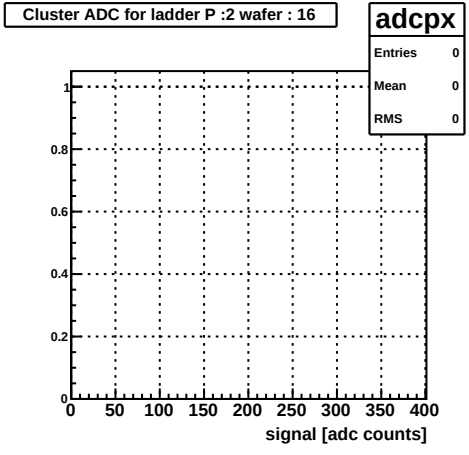

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

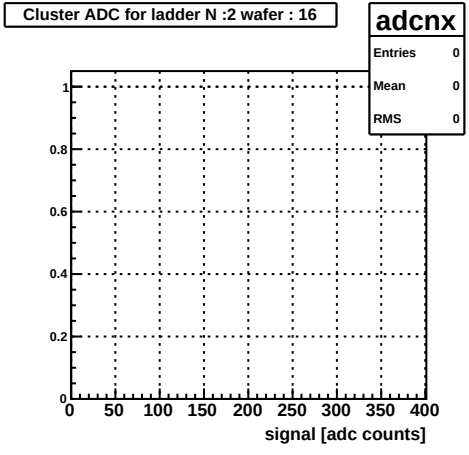

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

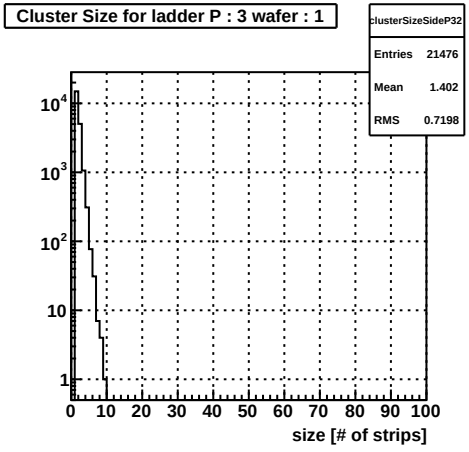

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

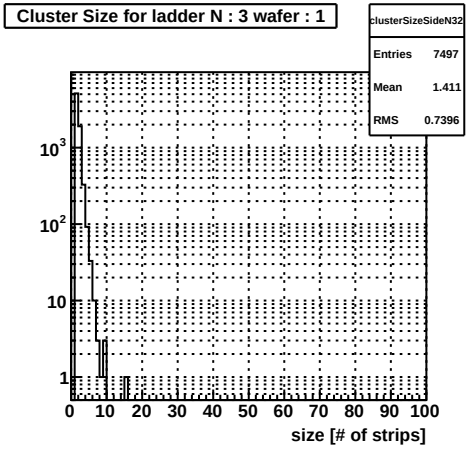

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

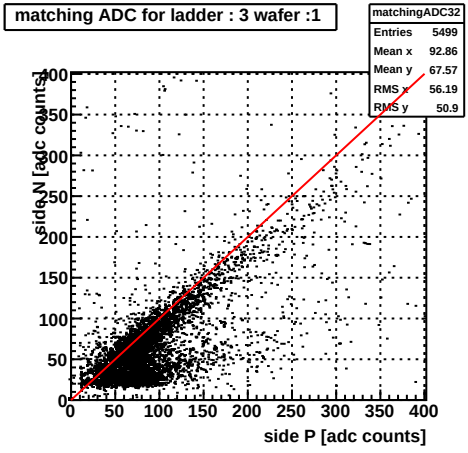

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

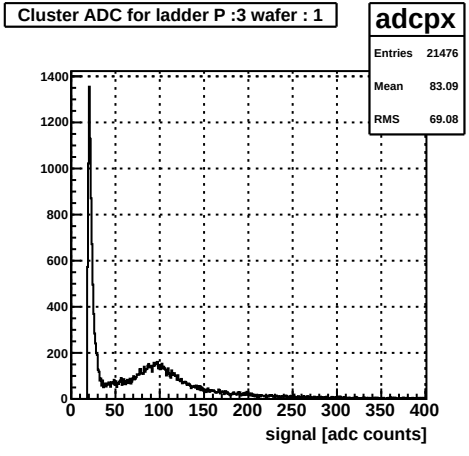

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

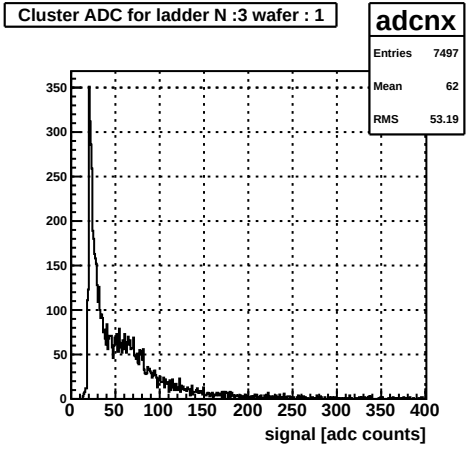

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

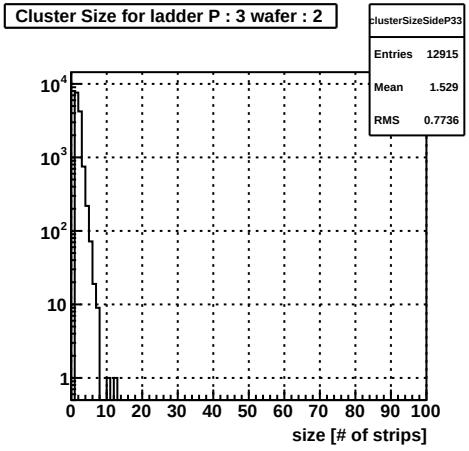

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 21476
Mean 1.402
RMS 0.7198
size [# of strips]

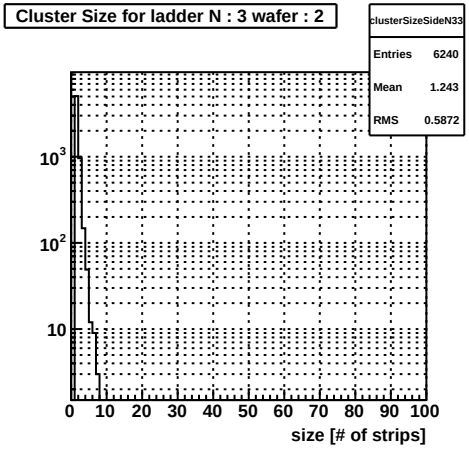

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 7497
Mean 1.411
RMS 0.7396
size [# of strips]

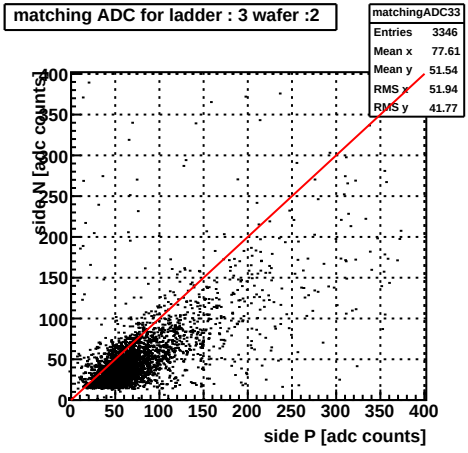

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 5499
Mean x 92.86
Mean y 67.57
RMS x 56.19
RMS y 50.9
side N [adc counts]
side P [adc counts]

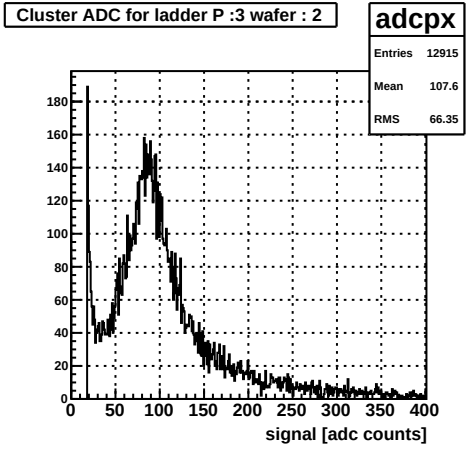

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 21476
Mean 83.09
RMS 69.08
signal [adc counts]

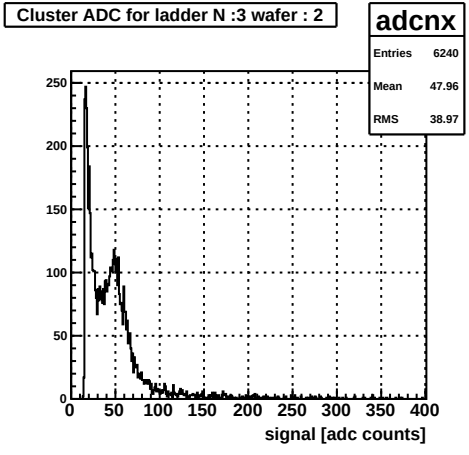

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 7497
Mean 62
RMS 53.19
signal [adc counts]

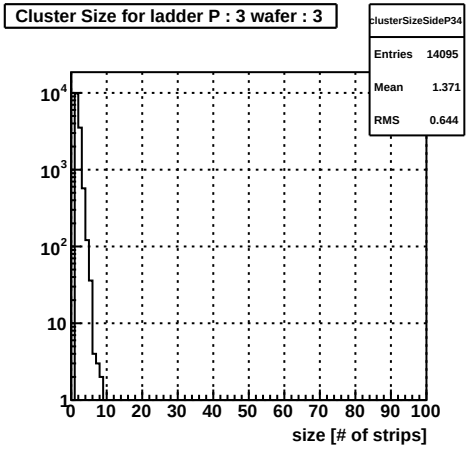

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 12915
Mean 1.529
RMS 0.7736
size [# of strips]

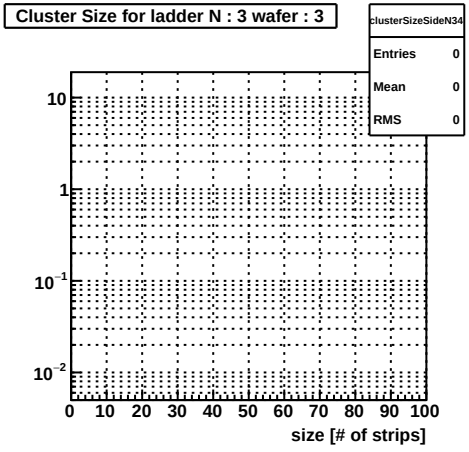

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 6240
Mean 1.243
RMS 0.5872
size [# of strips]

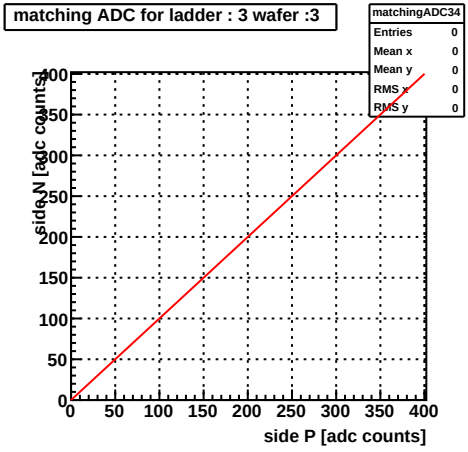

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 3346
Mean x 77.61
Mean y 51.54
RMS x 51.94
RMS y 41.77
side N [adc counts]
side P [adc counts]

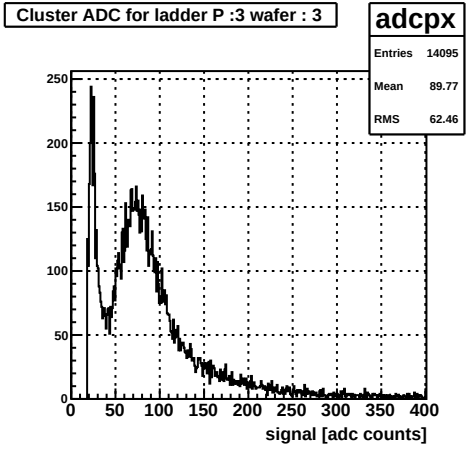

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 12915
Mean 107.6
RMS 66.35
signal [adc counts]

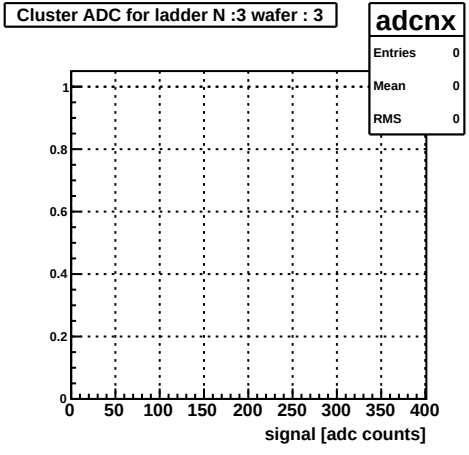

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 6240
Mean 47.96
RMS 38.97
signal [adc counts]

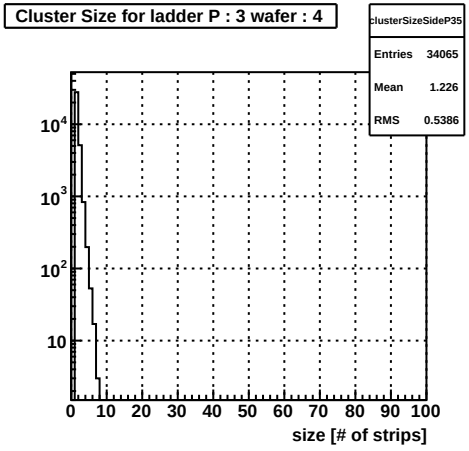

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 14095
Mean 1.371
RMS 0.644
size [# of strips]

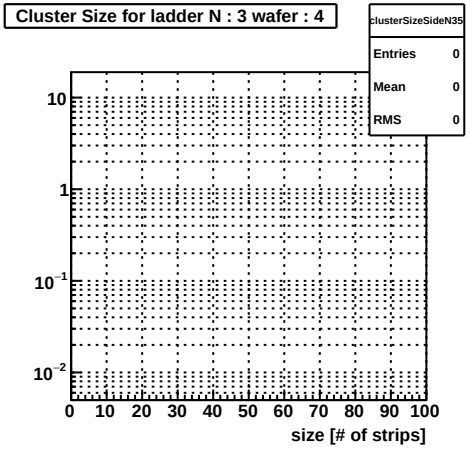

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

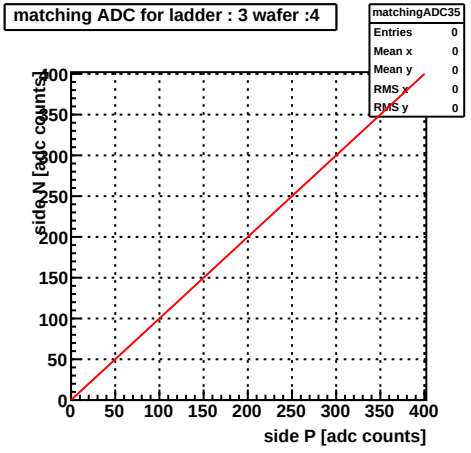

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

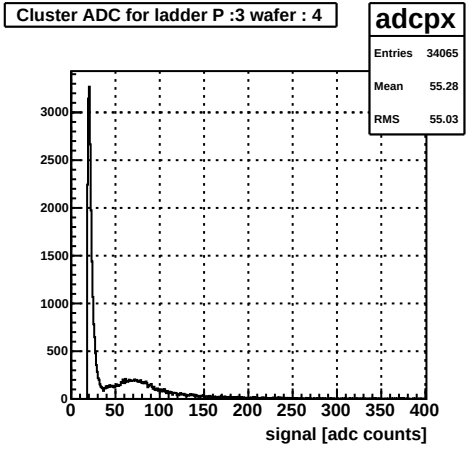

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 14095
Mean 89.77
RMS 62.46
signal [adc counts]

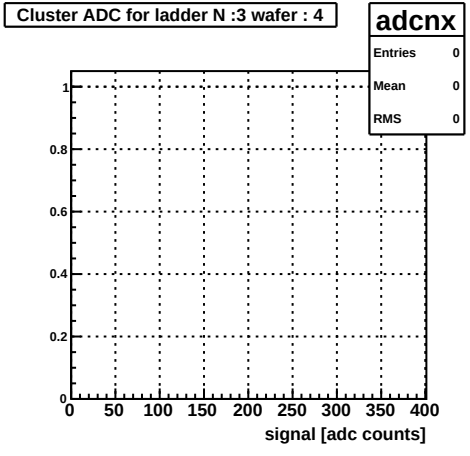

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

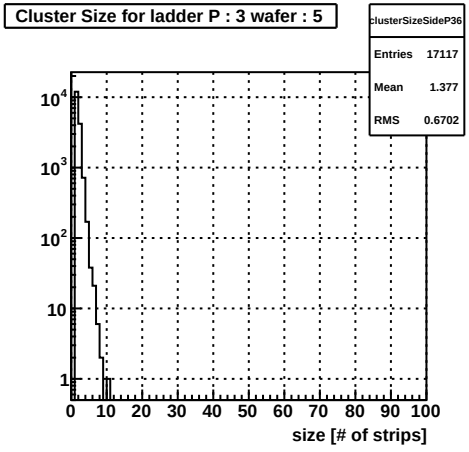

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 34065
Mean 1.226
RMS 0.5386
size [# of strips]

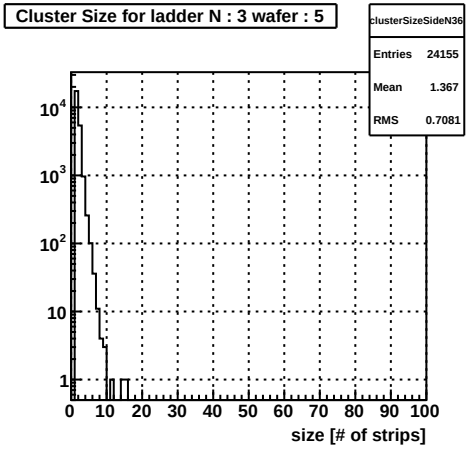

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

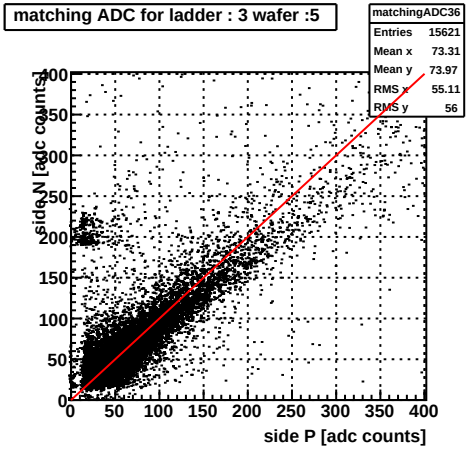

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

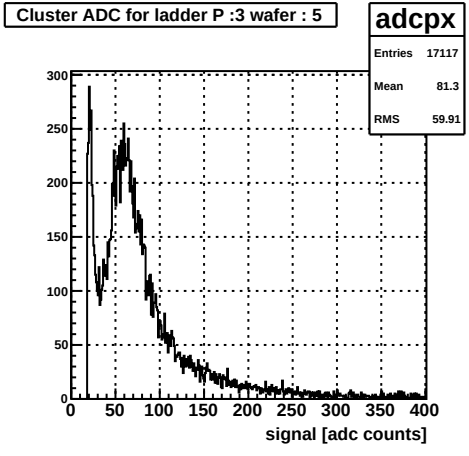

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 34065
Mean 55.28
RMS 55.03
signal [adc counts]

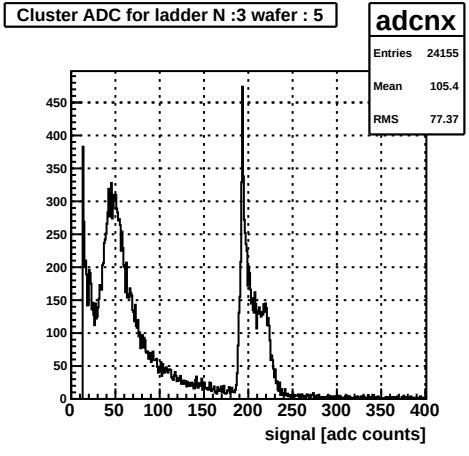

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

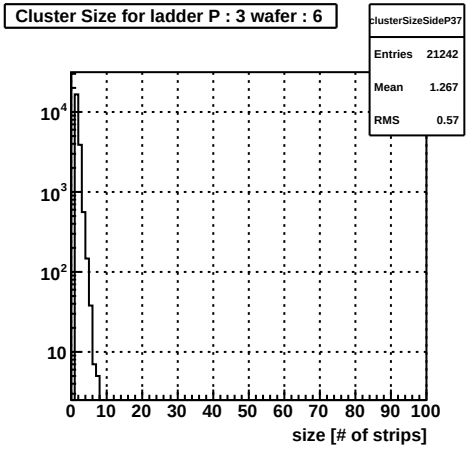

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 17117
Mean 1.377
RMS 0.6702
size [# of strips]

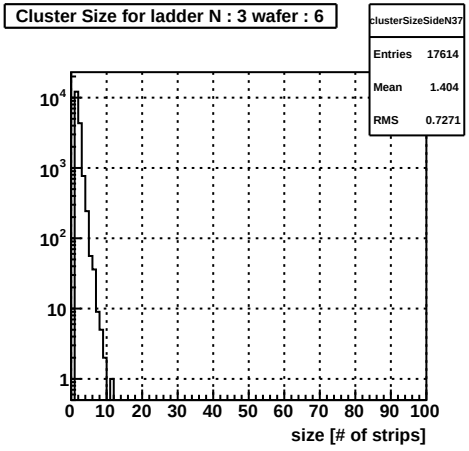

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 24155
Mean 1.367
RMS 0.7081
size [# of strips]

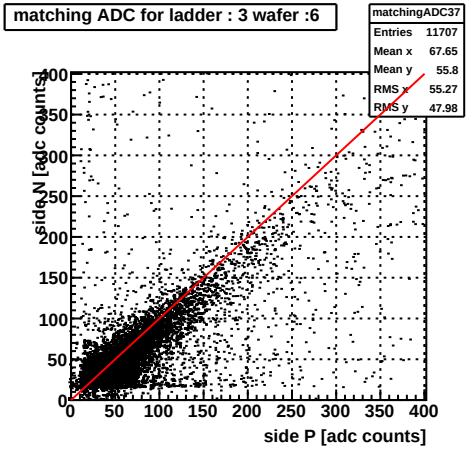

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 15621
Mean x 73.31
Mean y 73.97
RMS x 55.11
RMS y 56
side N [adc counts]
side P [adc counts]

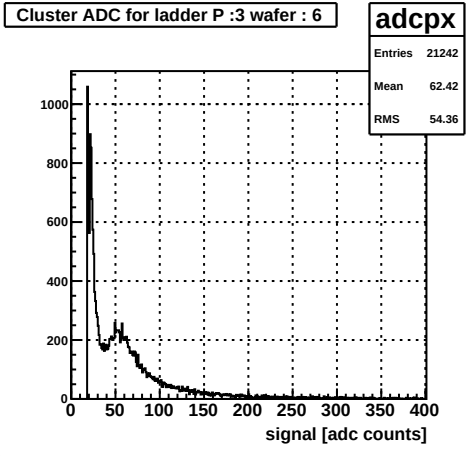

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 17117
Mean 81.3
RMS 59.91
signal [adc counts]

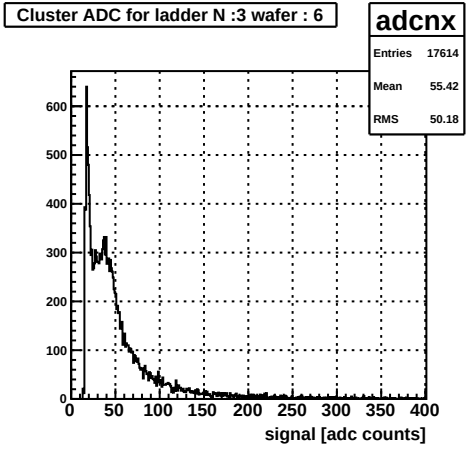

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 24155
Mean 105.4
RMS 77.37
signal [adc counts]

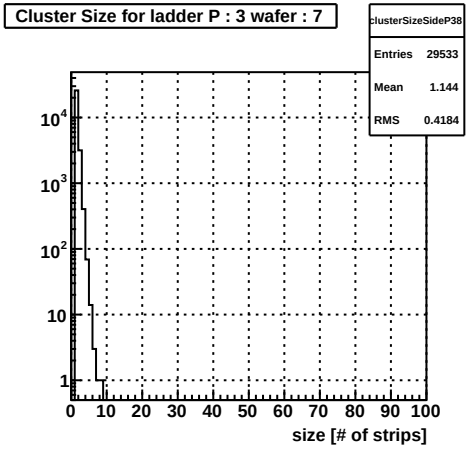

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 21242
Mean 1.267
RMS 0.57
size [# of strips]

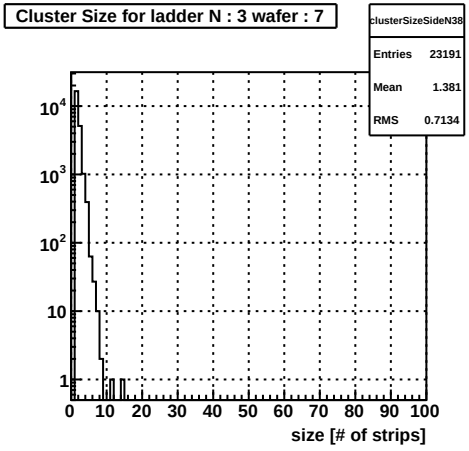

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 17614
Mean 1.404
RMS 0.7271
size [# of strips]

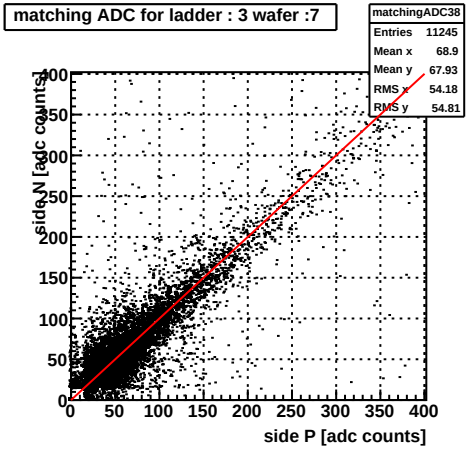

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 11707
Mean x 67.65
Mean y 55.8
RMS x 55.27
RMS y 47.98
side N [adc counts]
side P [adc counts]

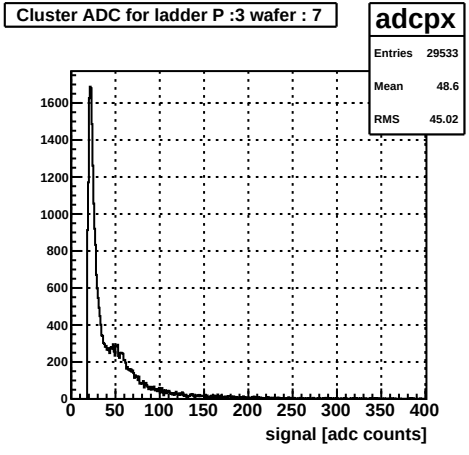

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 21242
Mean 62.42
RMS 54.36
signal [adc counts]

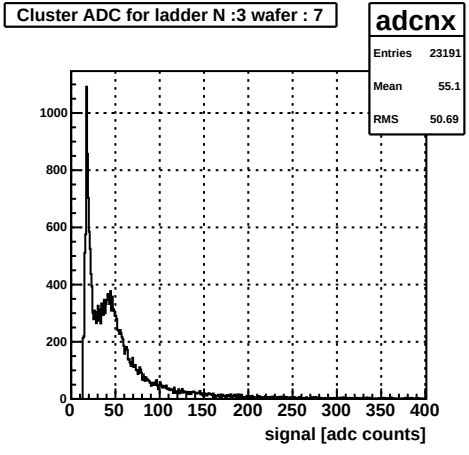

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 17614
Mean 55.42
RMS 50.18
signal [adc counts]

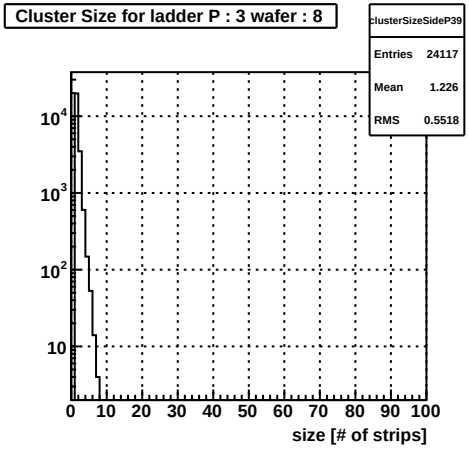

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 29533
Mean 1.144
RMS 0.4184
size [# of strips]

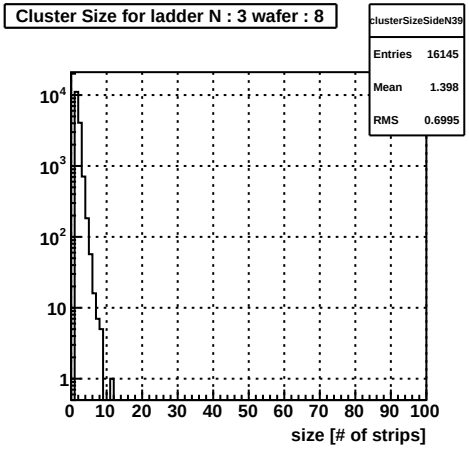

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 23191
Mean 1.381
RMS 0.7134
size [# of strips]

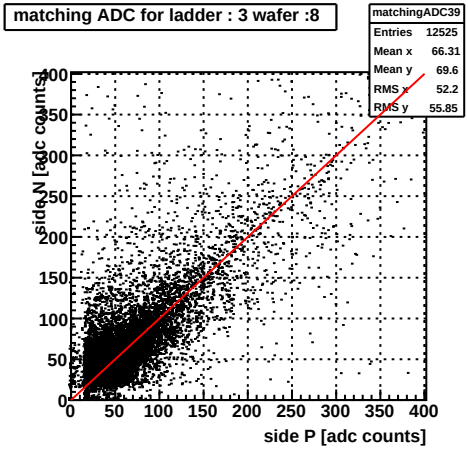

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 11245
Mean x 68.9
Mean y 67.93
RMS x 54.18
RMS y 54.81
side N [adc counts]
side P [adc counts]

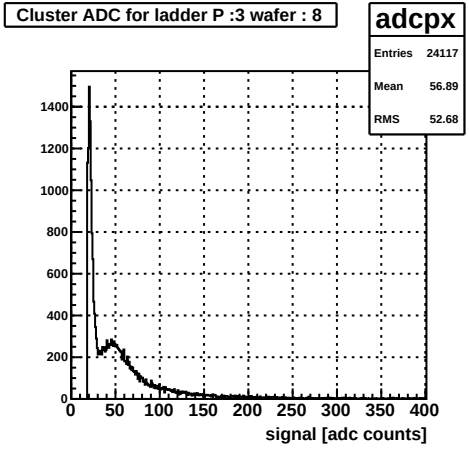

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 29533
Mean 48.6
RMS 45.02
signal [adc counts]

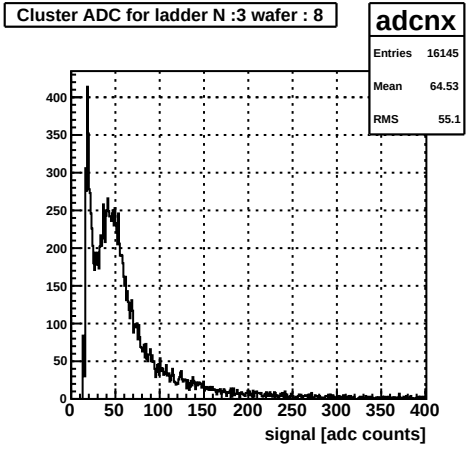

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 23191
Mean 55.1
RMS 50.69
signal [adc counts]

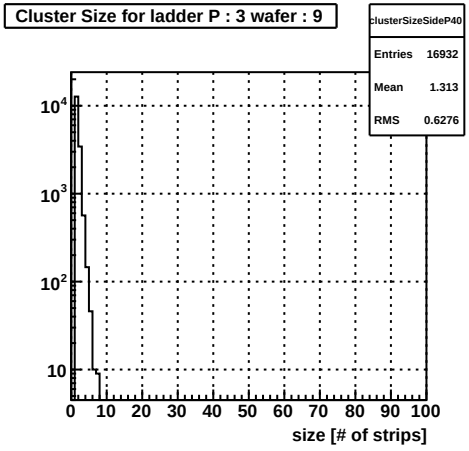

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 24117
Mean 1.226
RMS 0.5518
size [# of strips]

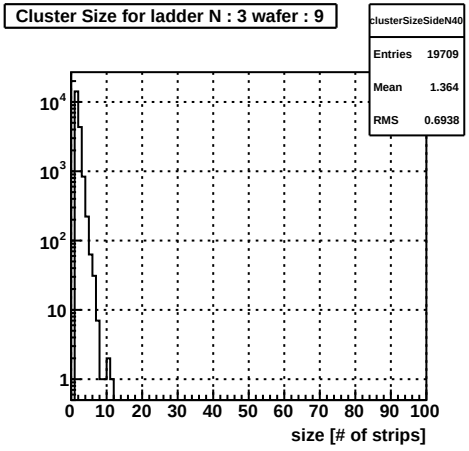

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 16145
Mean 1.398
RMS 0.6995
size [# of strips]

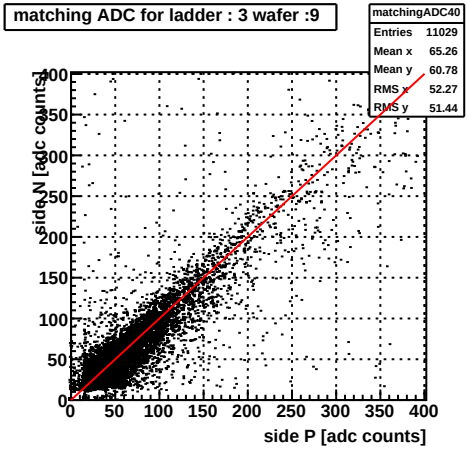

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 12525
Mean x 66.31
Mean y 69.6
RMS x 52.2
RMS y 55.85
side N [adc counts]
side P [adc counts]

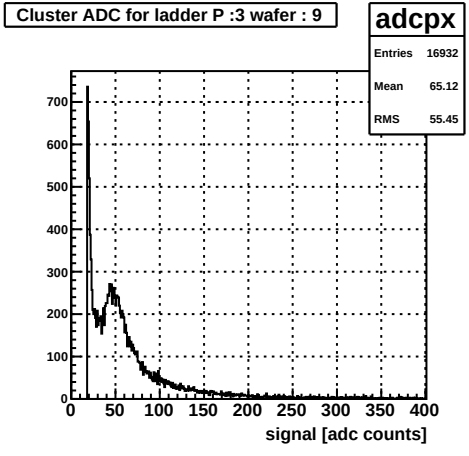

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 24117
Mean 56.89
RMS 52.68
signal [adc counts]

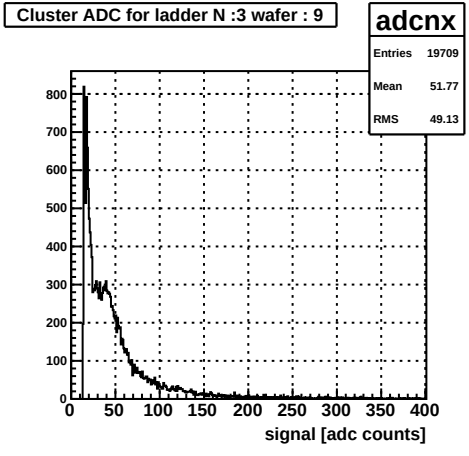

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 16145
Mean 64.53
RMS 55.1
signal [adc counts]

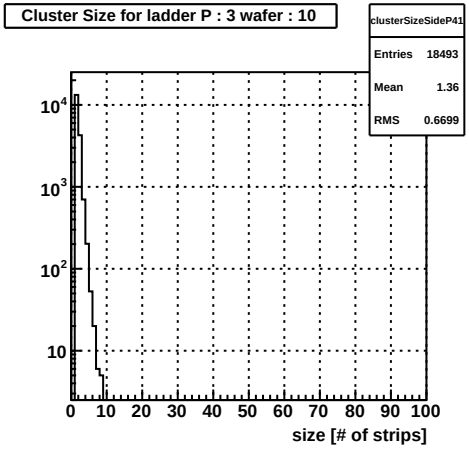

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 16932
Mean 1.313
RMS 0.6276
size [# of strips]

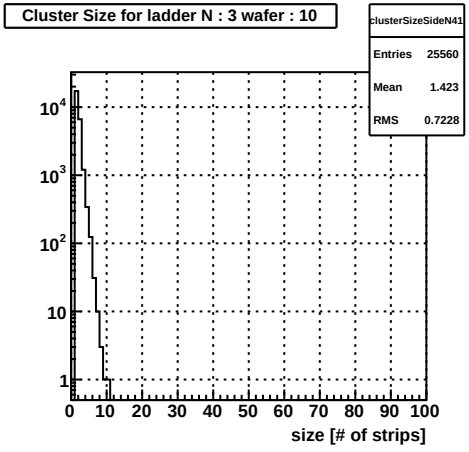

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 19709
Mean 1.364
RMS 0.6938
size [# of strips]

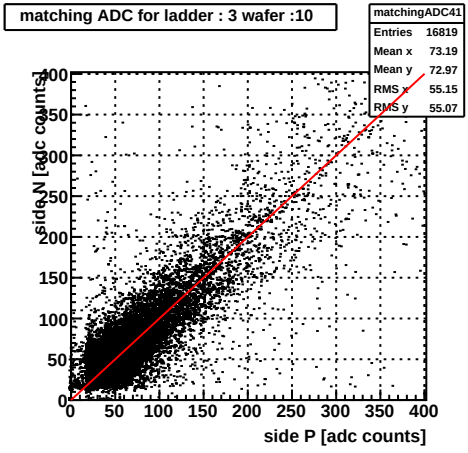

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 11029
Mean x 65.26
Mean y 60.78
RMS x 52.27
RMS y 51.44
side N [adc counts]
side P [adc counts]

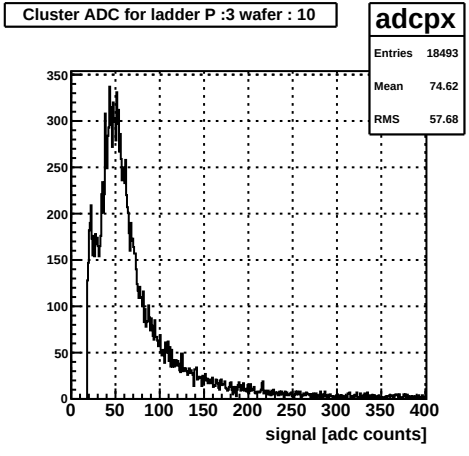

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 16932
Mean 65.12
RMS 55.45
signal [adc counts]

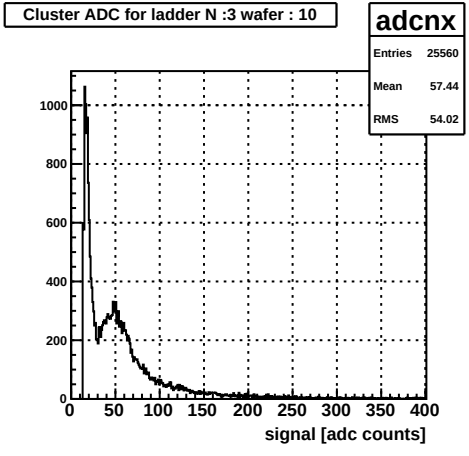

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 19709
Mean 51.77
RMS 49.13
signal [adc counts]

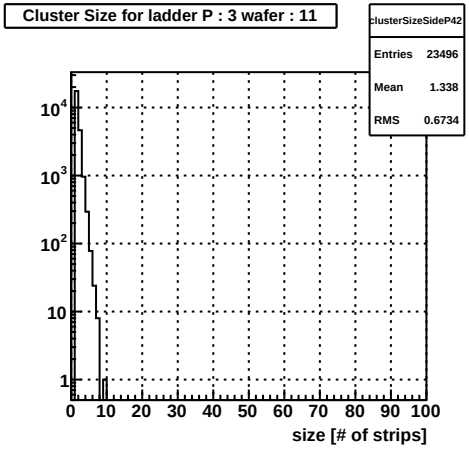

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 18493
Mean 1.36
RMS 0.6699
size [# of strips]

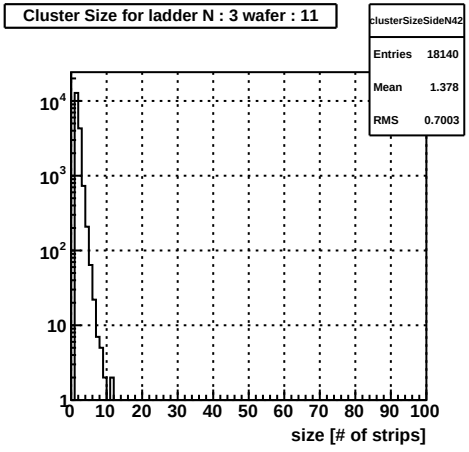

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 25560
Mean 1.423
RMS 0.7228
size [# of strips]

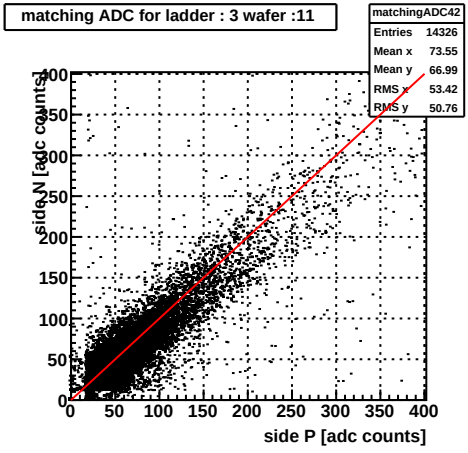

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 16819
Mean x 73.19
Mean y 72.97
RMS x 55.15
RMS y 55.07
side N [adc counts]
side P [adc counts]

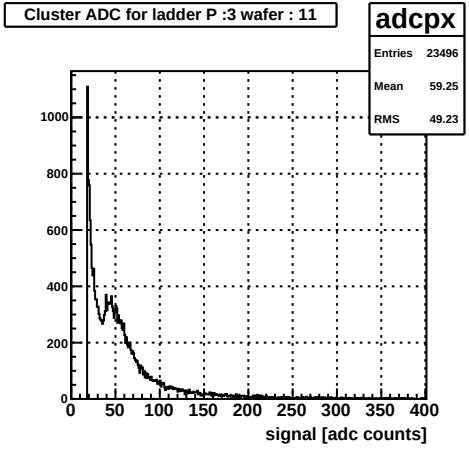

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 18493
Mean 74.62
RMS 57.68
signal [adc counts]

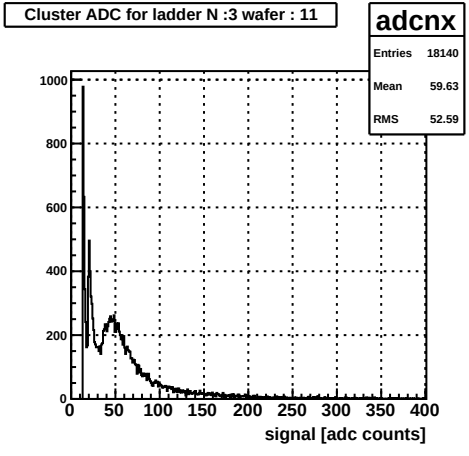

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 25560
Mean 57.44
RMS 54.02
signal [adc counts]

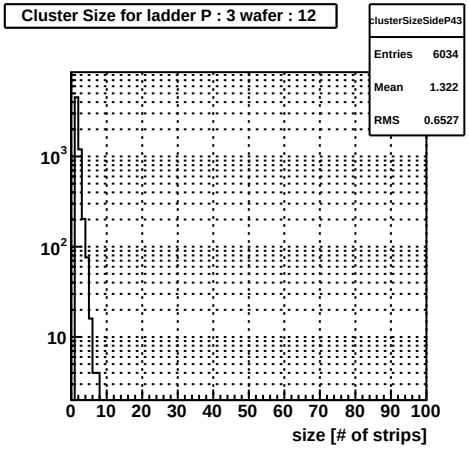

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 23496
Mean 1.338
RMS 0.6734
size [# of strips]

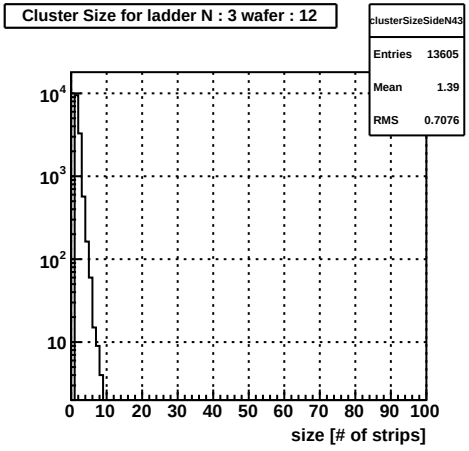

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 18140
Mean 1.378
RMS 0.7003
size [# of strips]

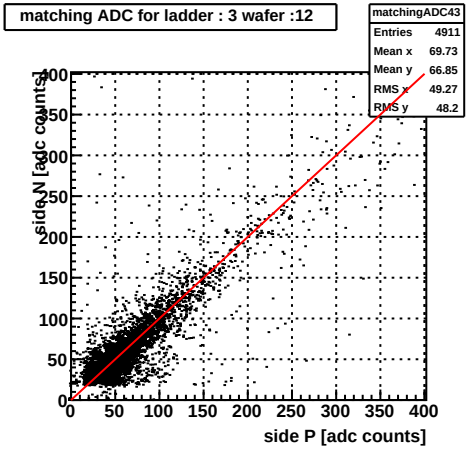

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 14326
Mean x 73.55
Mean y 66.99
RMS x 53.42
RMS y 50.76
side N [adc counts]
side P [adc counts]

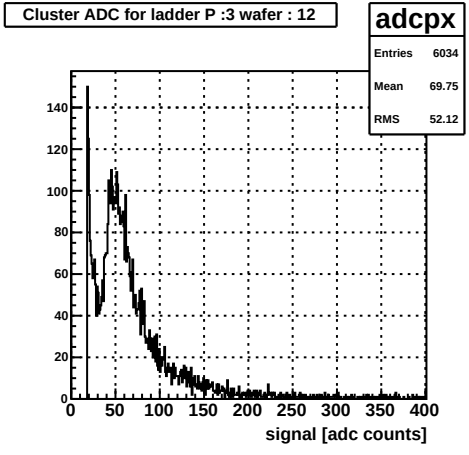

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 23496
Mean 59.25
RMS 49.23
signal [adc counts]

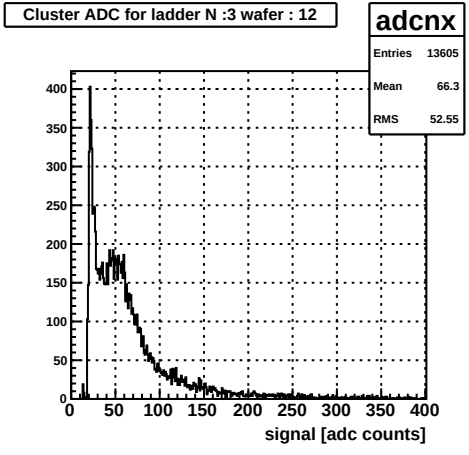

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 18140
Mean 59.63
RMS 52.59
signal [adc counts]

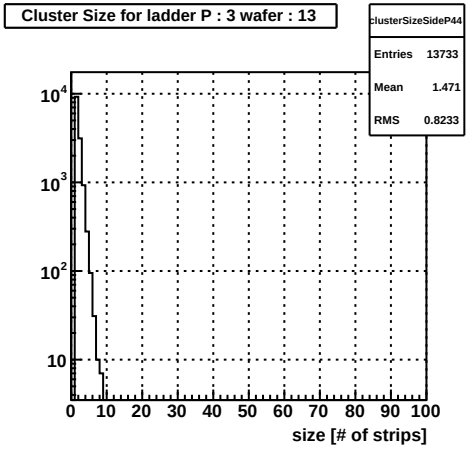

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 6034
Mean 1.322
RMS 0.6527
size [# of strips]

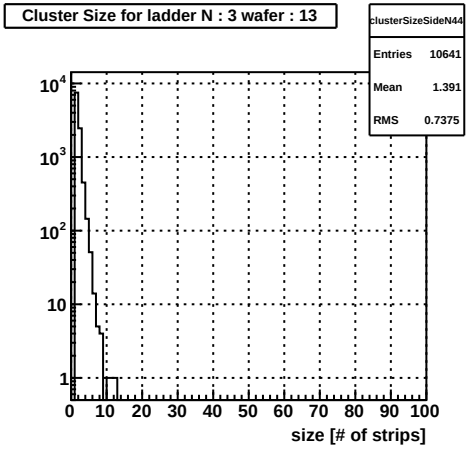

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 13605
Mean 1.39
RMS 0.7076
size [# of strips]

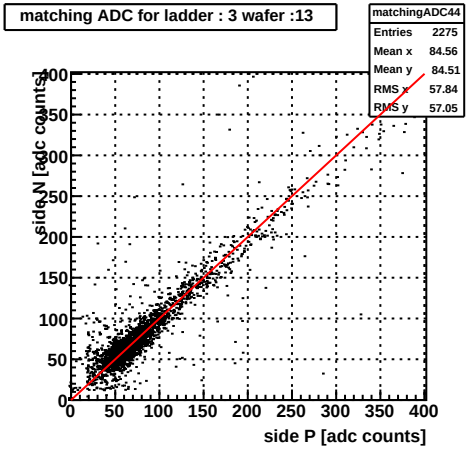

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4911
Mean x 69.73
Mean y 66.85
RMS x 49.27
RMS y 48.2
side N [adc counts]
side P [adc counts]

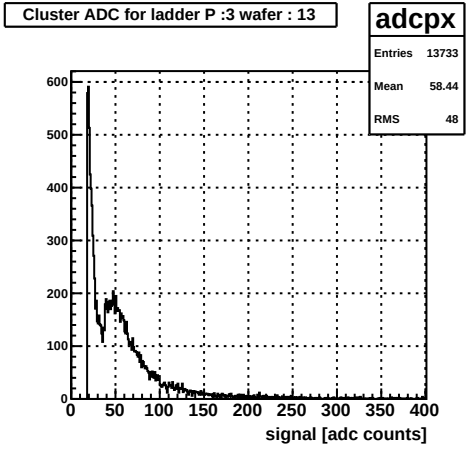

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 6034
Mean 69.75
RMS 52.12
signal [adc counts]

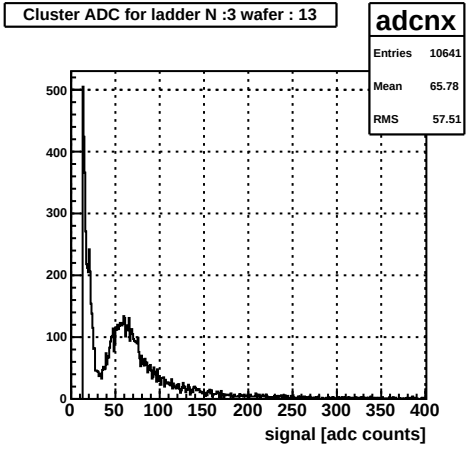

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 13605
Mean 66.3
RMS 52.55
signal [adc counts]

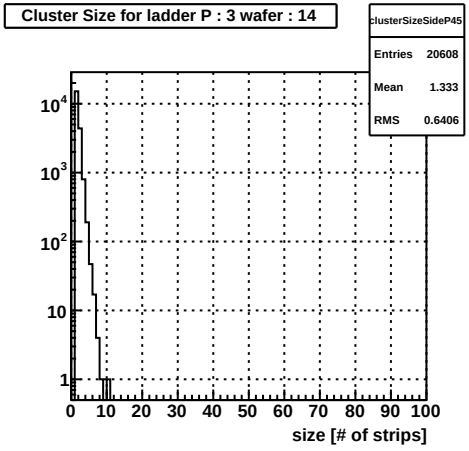

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 13733
Mean 1.471
RMS 0.8233
size [# of strips]

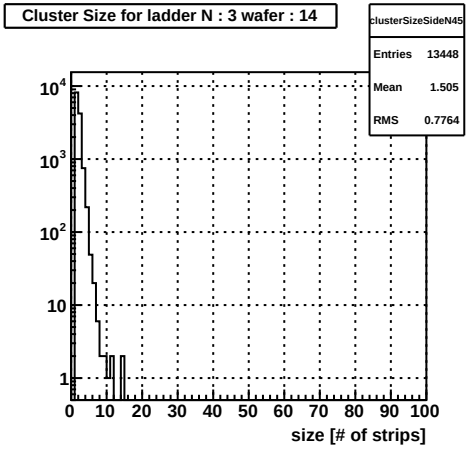

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 10641
Mean 1.391
RMS 0.7375
size [# of strips]

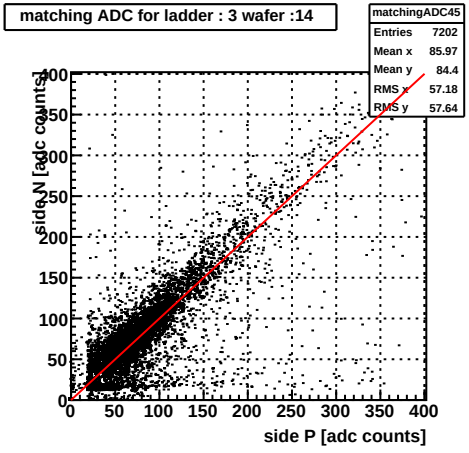

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2275
Mean x 84.56
Mean y 84.51
RMS x 57.84
RMS y 57.05
side N [adc counts]
side P [adc counts]

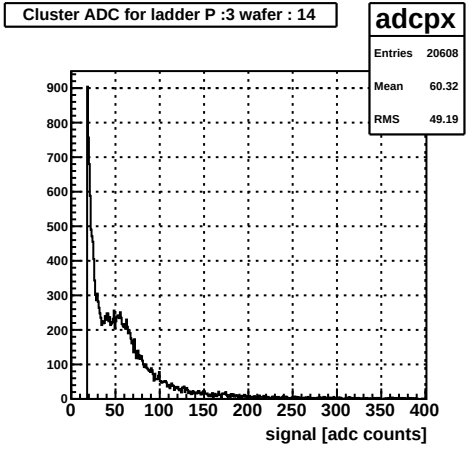

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 13733
Mean 58.44
RMS 48
signal [adc counts]

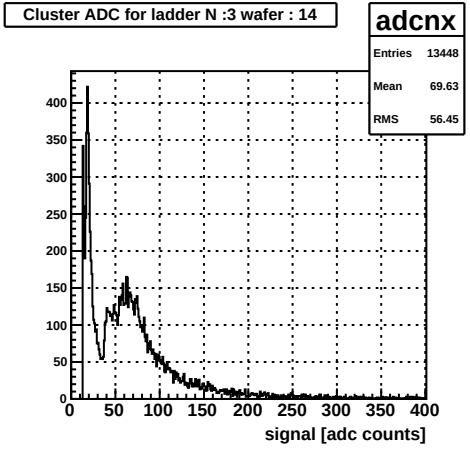

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 10641
Mean 65.78
RMS 57.51
signal [adc counts]

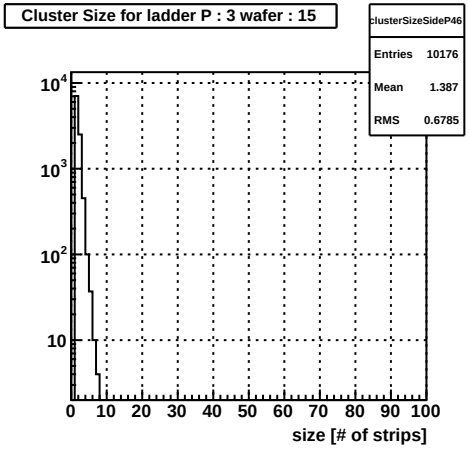

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 20608
Mean 1.333
RMS 0.6406
size [# of strips]

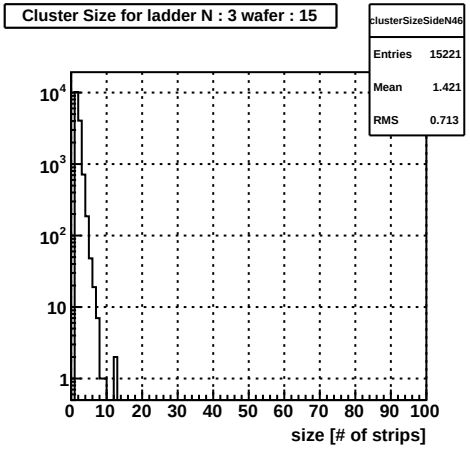

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 13448
Mean 1.505
RMS 0.7764
size [# of strips]

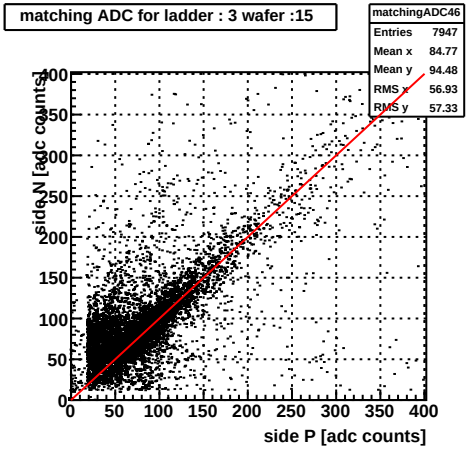

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 7202
Mean x 85.97
Mean y 84.4
RMS x 57.18
RMS y 57.64
side N [adc counts]
side P [adc counts]

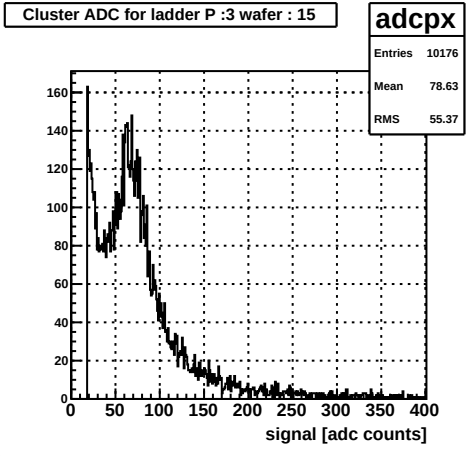

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 20608
Mean 60.32
RMS 49.19
signal [adc counts]

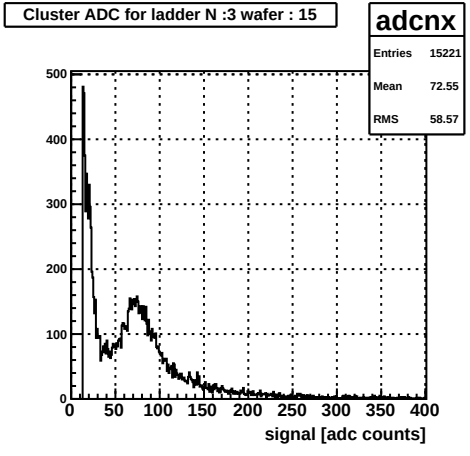

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 13448
Mean 69.63
RMS 56.45
signal [adc counts]

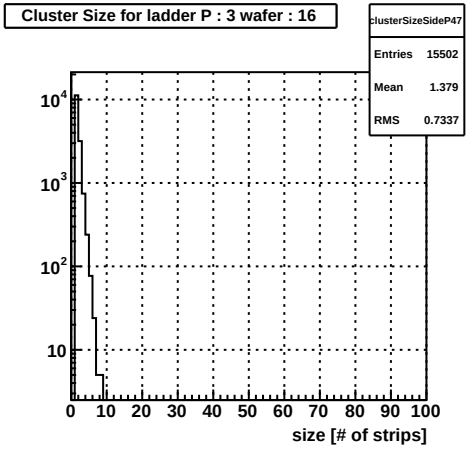

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 10176
Mean 1.387
RMS 0.6785
size [# of strips]

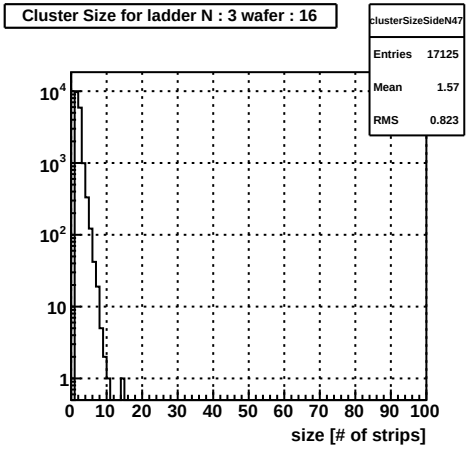

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 15221
Mean 1.421
RMS 0.713
size [# of strips]

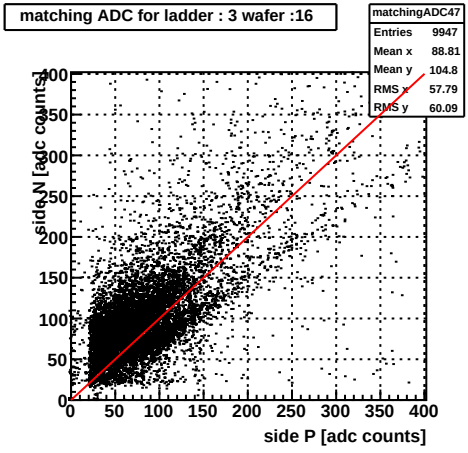

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 7947
Mean x 84.77
Mean y 94.48
RMS x 56.93
RMS y 57.33
side N [adc counts]
side P [adc counts]

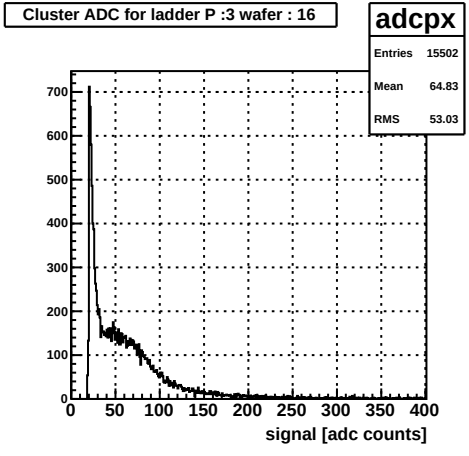

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 10176
Mean 78.63
RMS 55.37
signal [adc counts]

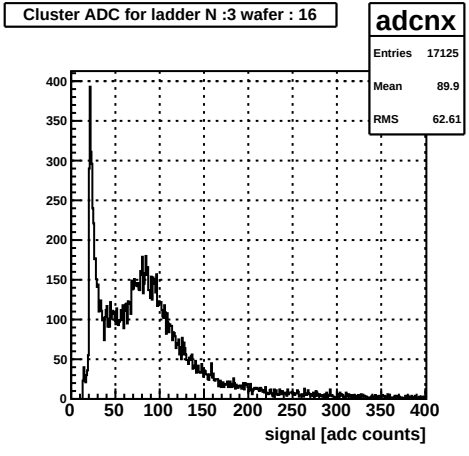

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 15221
Mean 72.55
RMS 58.57
signal [adc counts]

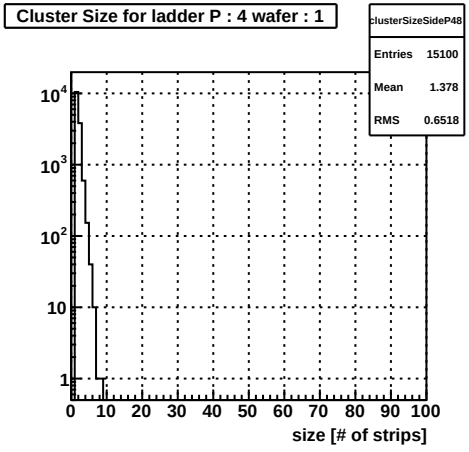

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 15502
Mean 1.379
RMS 0.7337
size [# of strips]

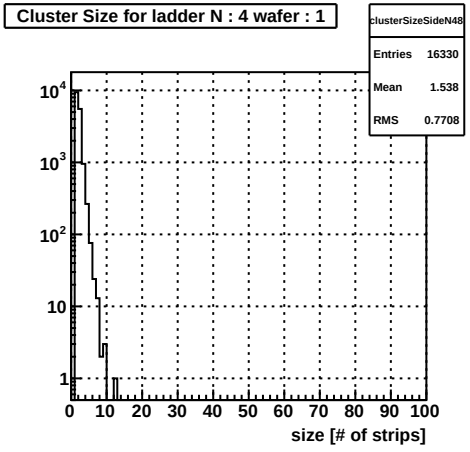

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 17125
Mean 1.57
RMS 0.823
size [# of strips]

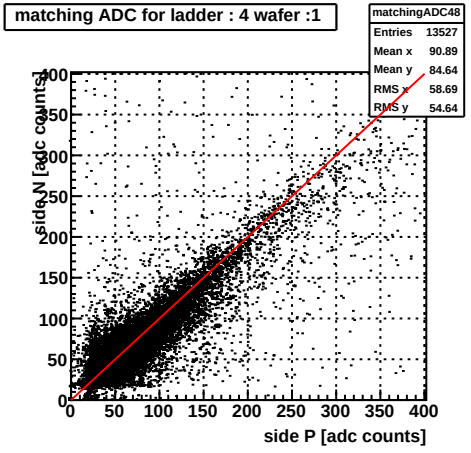

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 9947
Mean x 88.81
Mean y 104.8
RMS x 57.79
RMS y 60.09
side N [adc counts]
side P [adc counts]

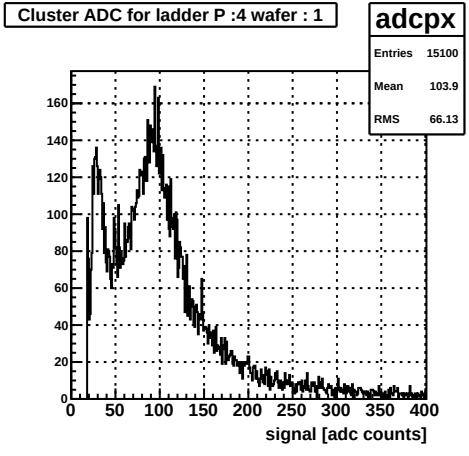

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 15502
Mean 64.83
RMS 53.03
signal [adc counts]

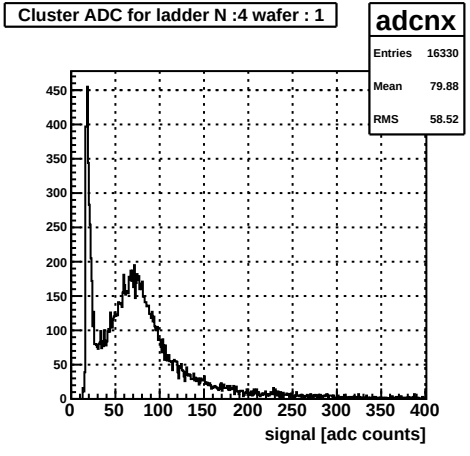

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 17125
Mean 89.9
RMS 62.61
signal [adc counts]

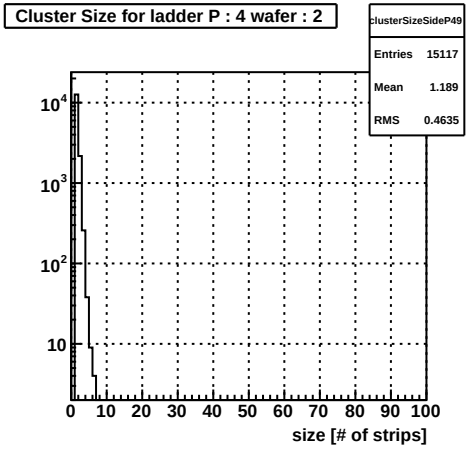

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 15100
Mean 1.378
RMS 0.6518
size [# of strips]

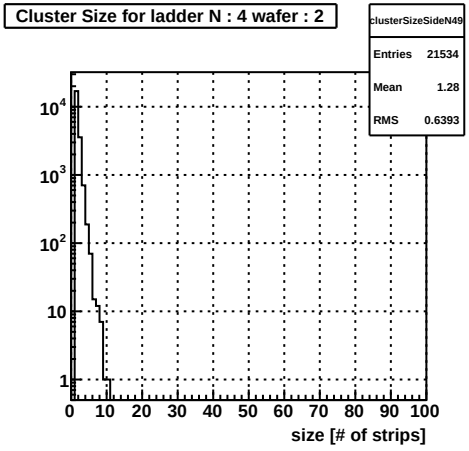

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 16330
Mean 1.538
RMS 0.7708
size [# of strips]

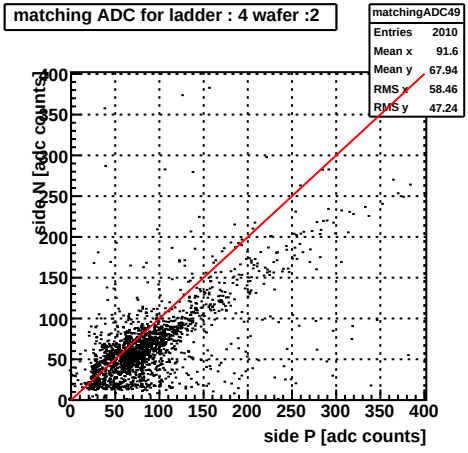

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 13527
Mean x 90.89
Mean y 84.64
RMS x 58.69
RMS y 54.64
side N [adc counts]
side P [adc counts]

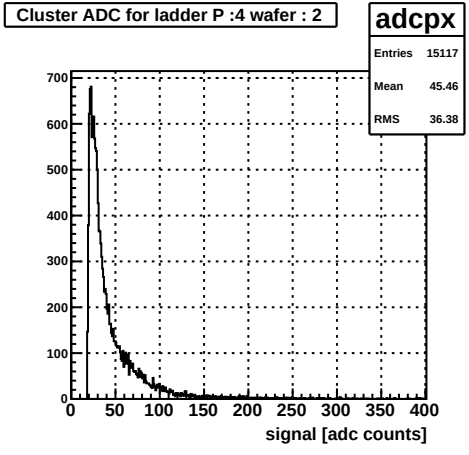

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 15100
Mean 103.9
RMS 66.13
signal [adc counts]

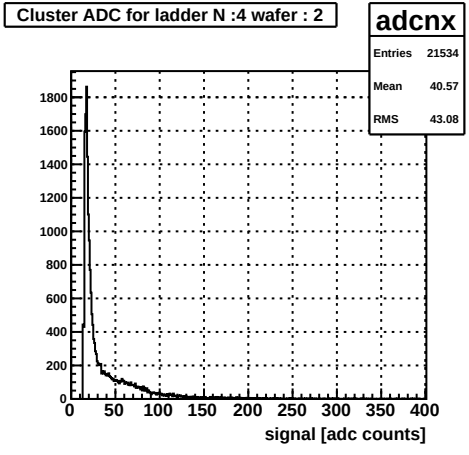

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 16330
Mean 79.88
RMS 58.52
signal [adc counts]

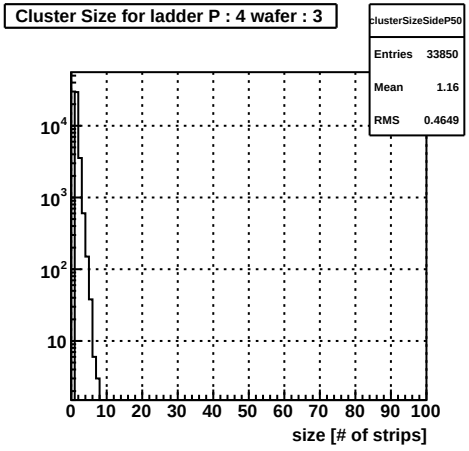

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 15117
Mean 1.189
RMS 0.4635
size [# of strips]

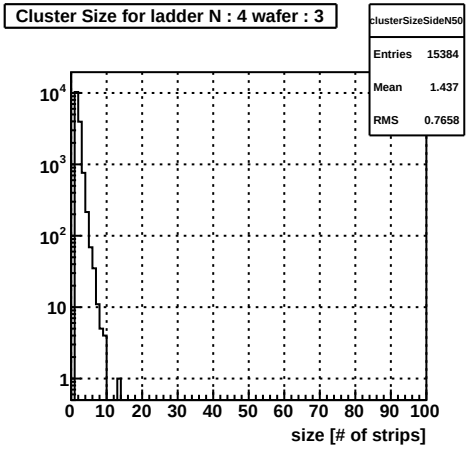

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 21534
Mean 1.28
RMS 0.6393
size [# of strips]

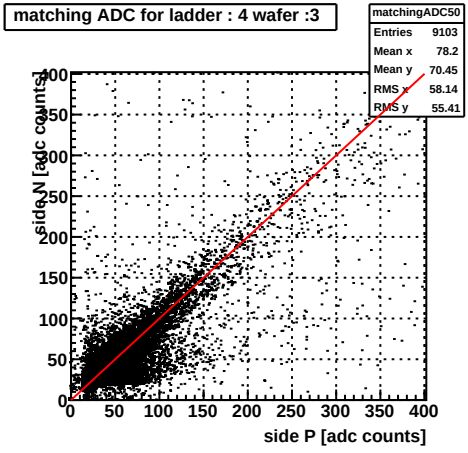

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 2010
Mean x 91.6
Mean y 67.94
RMS x 58.46
RMS y 47.24
side N [adc counts]
side P [adc counts]

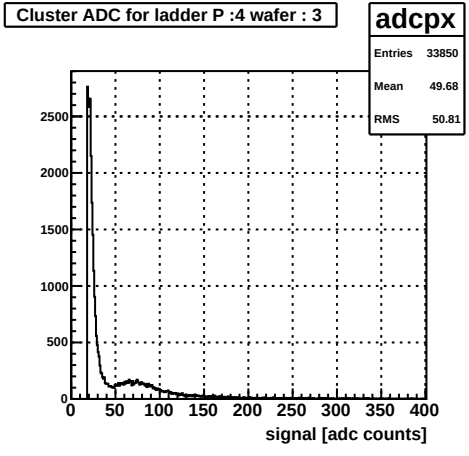

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 15117
Mean 45.46
RMS 36.38
signal [adc counts]

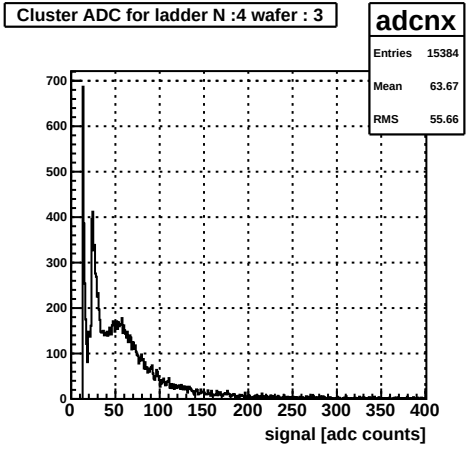

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 21534
Mean 40.57
RMS 43.08
signal [adc counts]

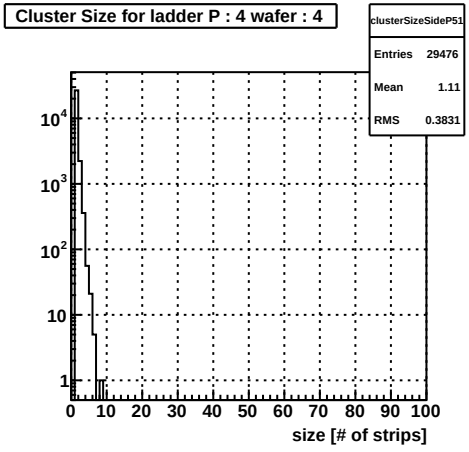

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 33850
Mean 1.16
RMS 0.4649
size [# of strips]

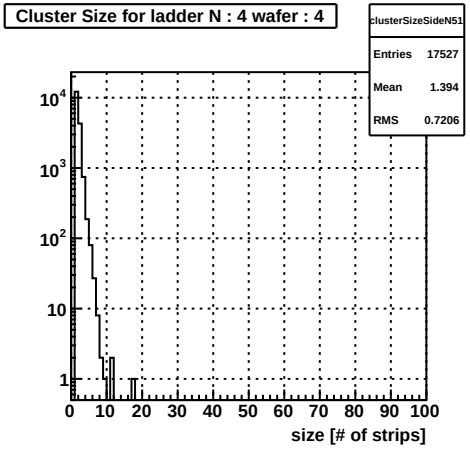

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 15384
Mean 1.437
RMS 0.7658
size [# of strips]

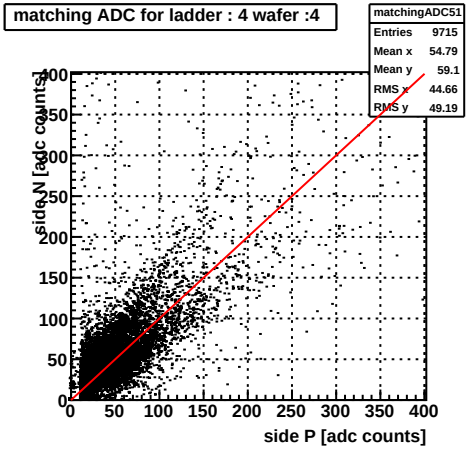

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 9103
Mean x 78.2
Mean y 70.45
RMS x 58.14
RMS y 55.41
side N [adc counts]
side P [adc counts]

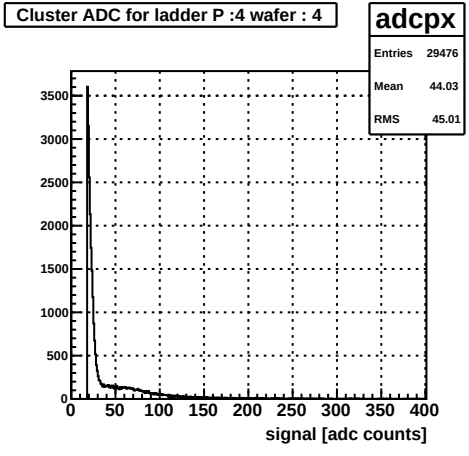

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 33850
Mean 49.68
RMS 50.81
signal [adc counts]

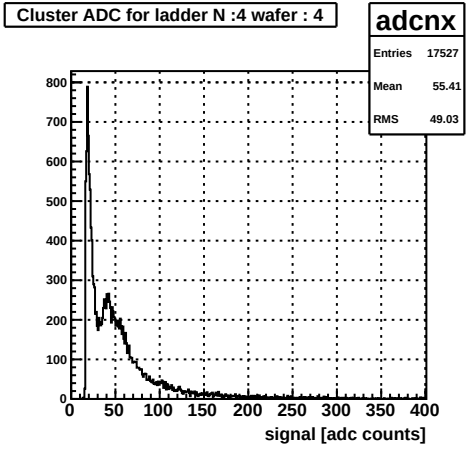

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 15384
Mean 63.67
RMS 55.66
signal [adc counts]

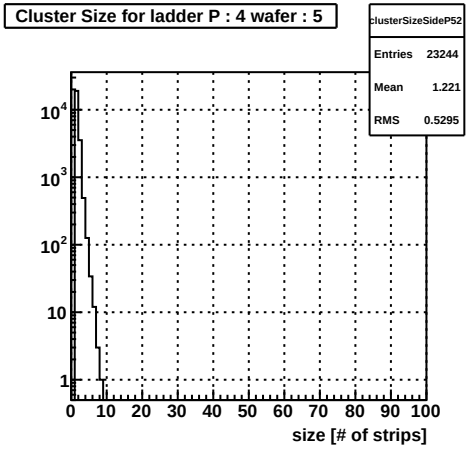

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 29476
Mean 1.11
RMS 0.3831
size [# of strips]

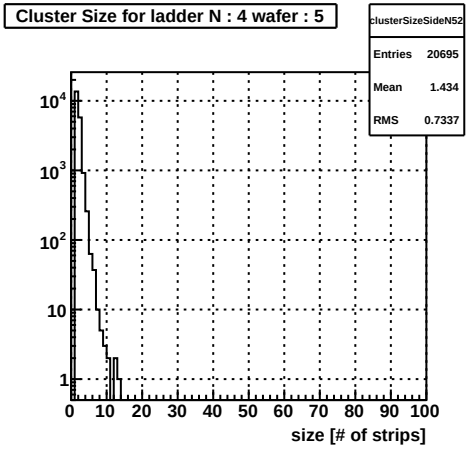

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 17527
Mean 1.394
RMS 0.7206
size [# of strips]

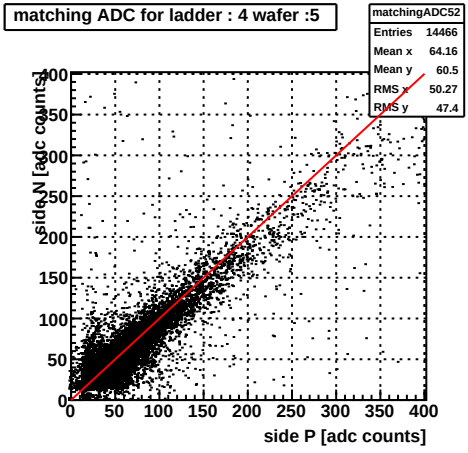

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 9715
Mean x 54.79
Mean y 59.1
RMS x 44.66
RMS y 49.19
side N [adc counts]
side P [adc counts]

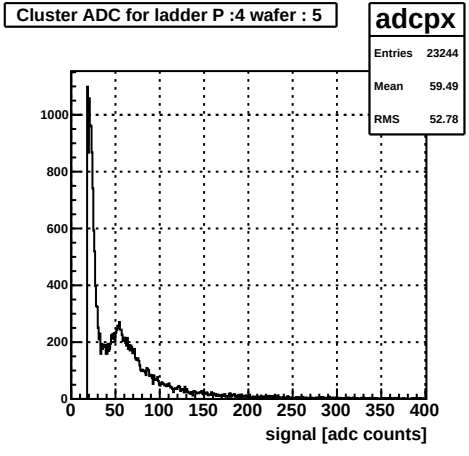

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 29476
Mean 44.03
RMS 45.01
signal [adc counts]

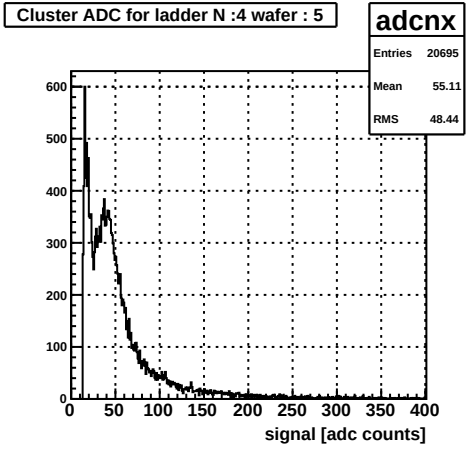

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 17527
Mean 55.41
RMS 49.03
signal [adc counts]

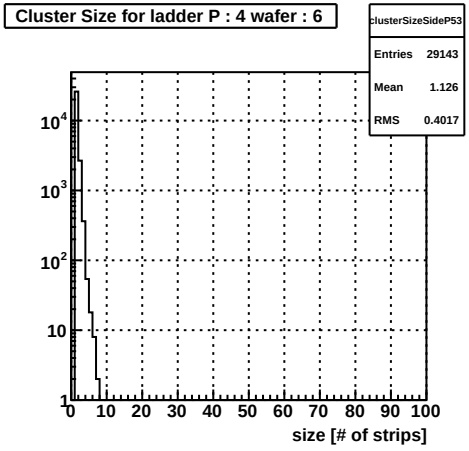

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 23244
Mean 1.221
RMS 0.5295
size [# of strips]

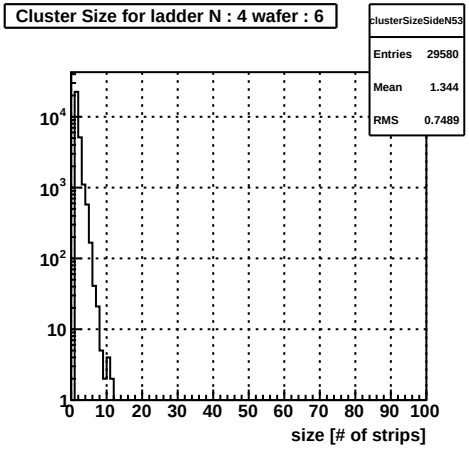

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 20695
Mean 1.434
RMS 0.7337
size [# of strips]

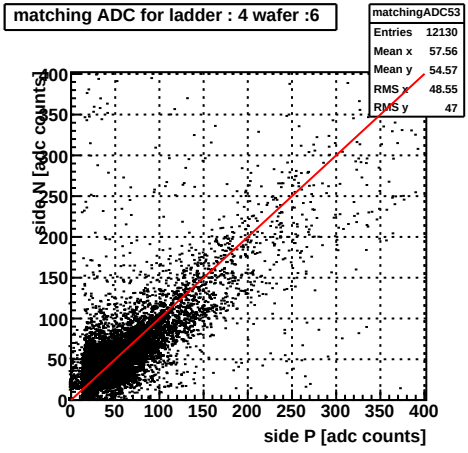

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 14466
Mean x 64.16
Mean y 60.5
RMS x 50.27
RMS y 47.4
side N [adc counts]
side P [adc counts]

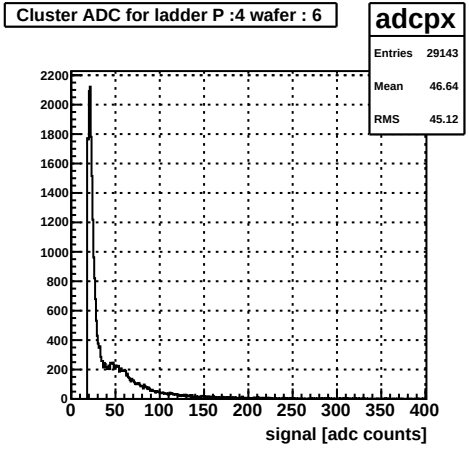

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 23244
Mean 59.49
RMS 52.78
signal [adc counts]

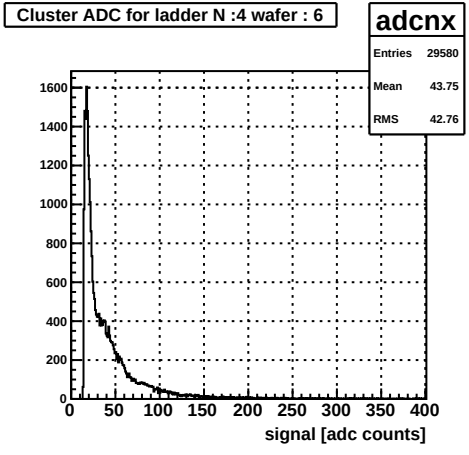

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 20695
Mean 55.11
RMS 48.44
signal [adc counts]

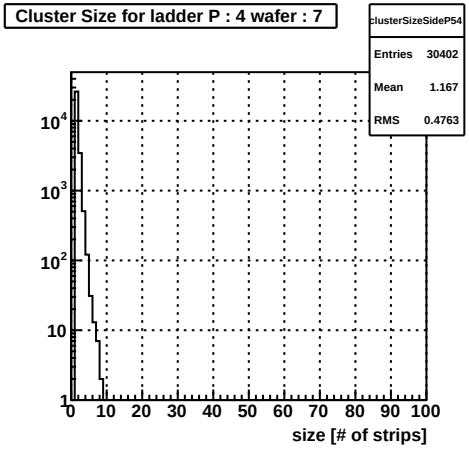

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 29143
Mean 1.126
RMS 0.4017
size [# of strips]

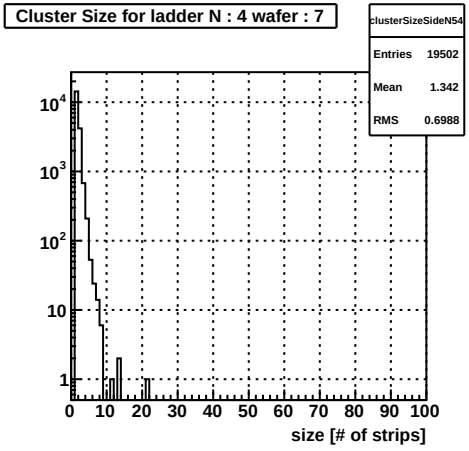

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 29580
Mean 1.344
RMS 0.7489
size [# of strips]

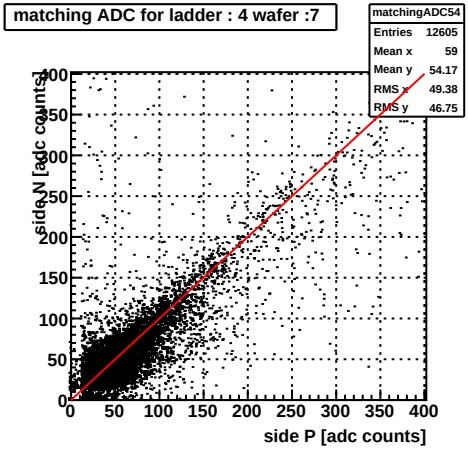

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 12130
Mean x 57.56
Mean y 54.57
RMS x 48.55
RMS y 47
side N [adc counts]
side P [adc counts]

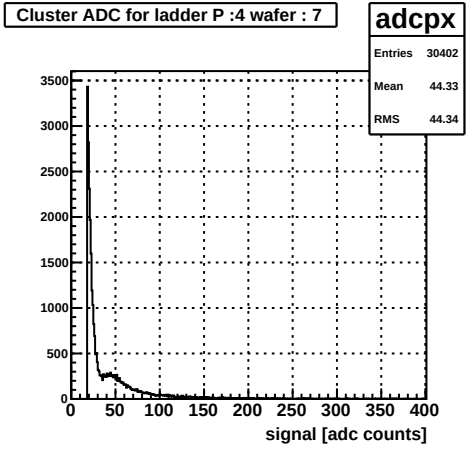

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 29143
Mean 46.64
RMS 45.12
signal [adc counts]

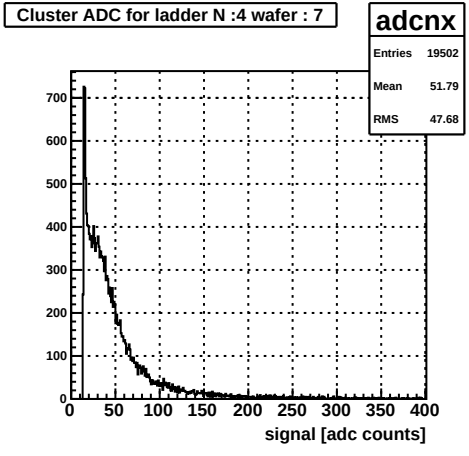

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 29580
Mean 43.75
RMS 42.76
signal [adc counts]

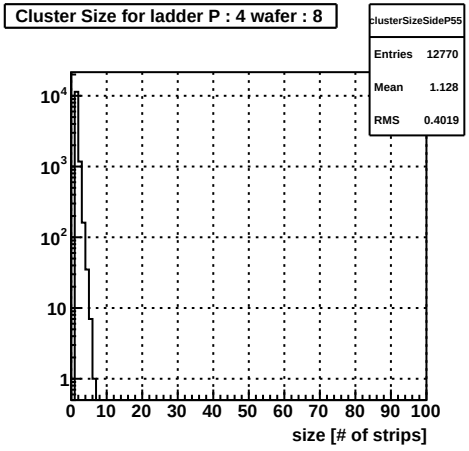

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 30402
Mean 1.167
RMS 0.4763
size [# of strips]

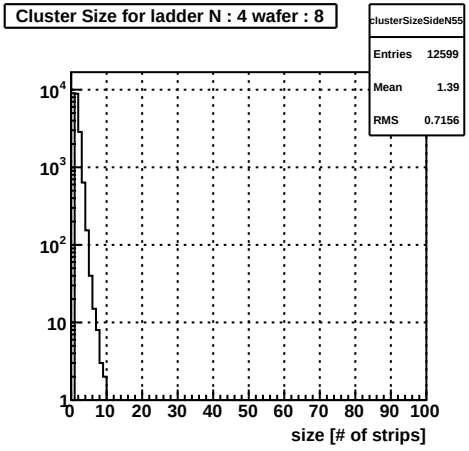

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 19502
Mean 1.342
RMS 0.6988
size [# of strips]

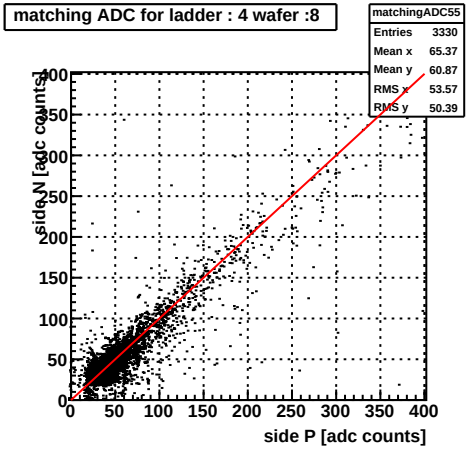

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 12605
Mean x 59
Mean y 54.17
RMS x 49.38
RMS y 46.75
side N [adc counts]
side P [adc counts]

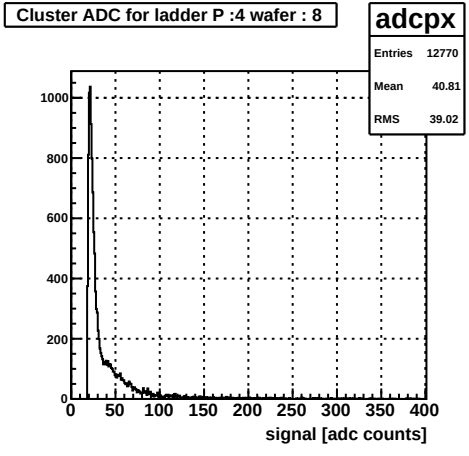

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 30402
Mean 44.33
RMS 44.34
signal [adc counts]

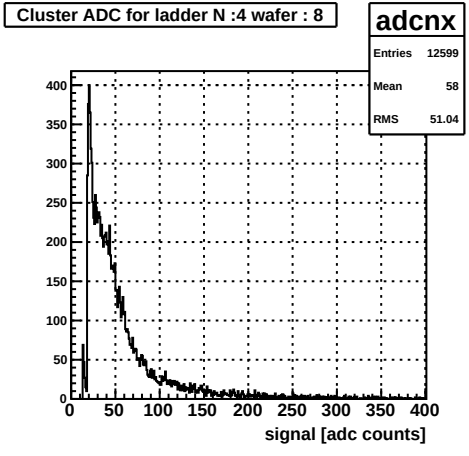

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 19502
Mean 51.79
RMS 47.68
signal [adc counts]

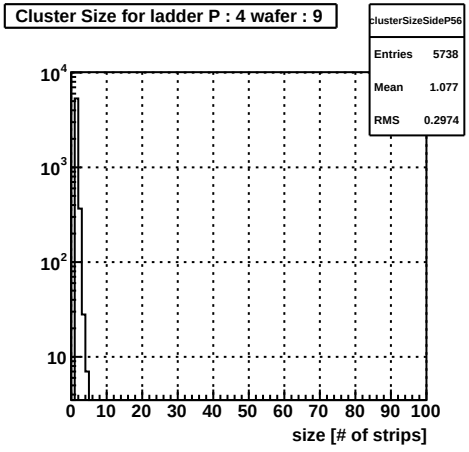

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 12770
Mean 1.128
RMS 0.4019
size [# of strips]

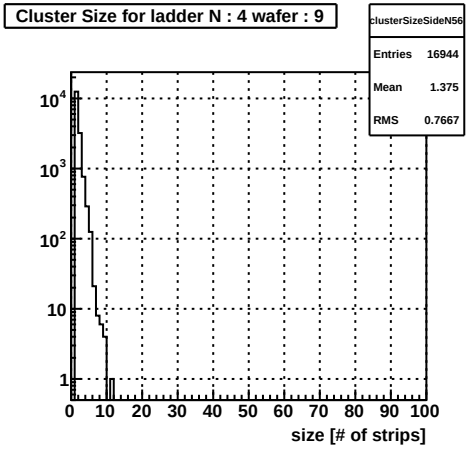

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 12599
Mean 1.39
RMS 0.7156
size [# of strips]

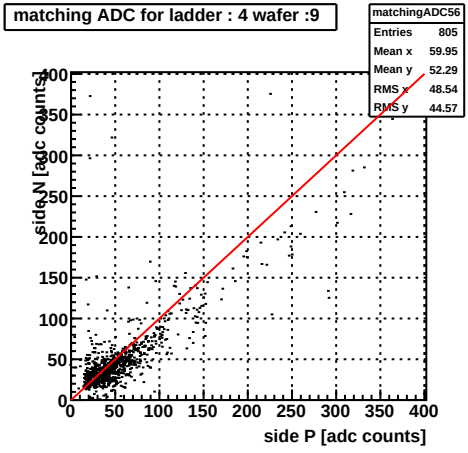

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3330
Mean x 65.37
Mean y 60.87
RMS x 53.57
RMS y 50.39
side N [adc counts]
side P [adc counts]

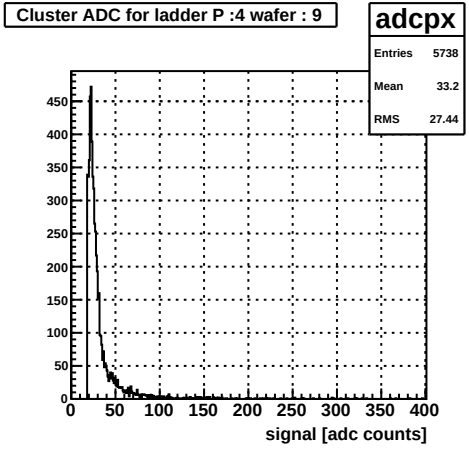

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 12770
Mean 40.81
RMS 39.02
signal [adc counts]

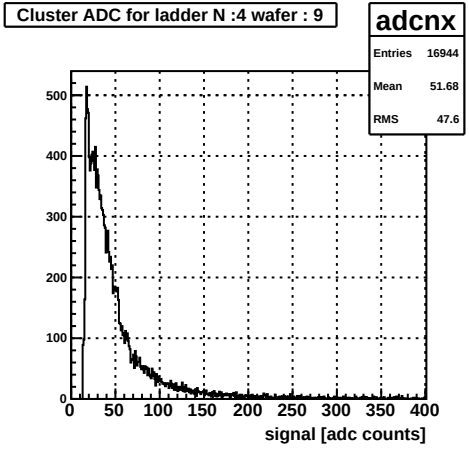

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 12599
Mean 58
RMS 51.04
signal [adc counts]

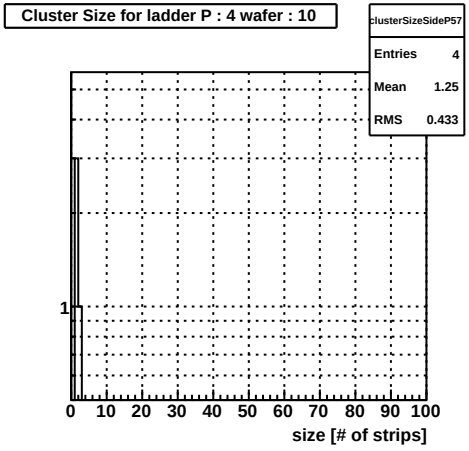

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 5738
Mean 1.077
RMS 0.2974
size [# of strips]

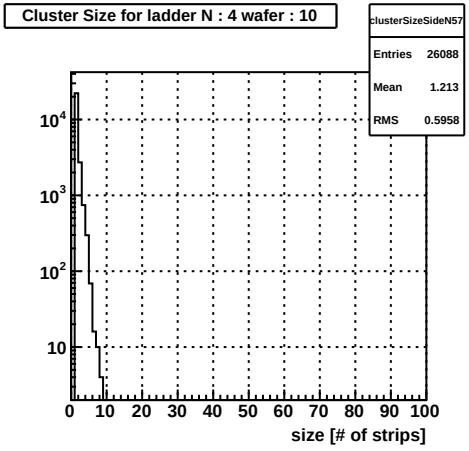

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 16944
Mean 1.375
RMS 0.7667
size [# of strips]

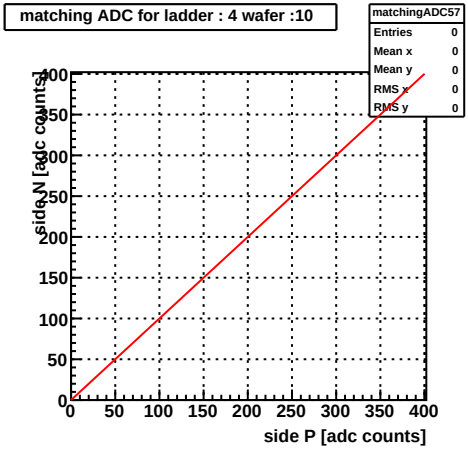

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 805
Mean x 59.95
Mean y 52.29
RMS x 48.54
RMS y 44.57
side N [adc counts]
side P [adc counts]

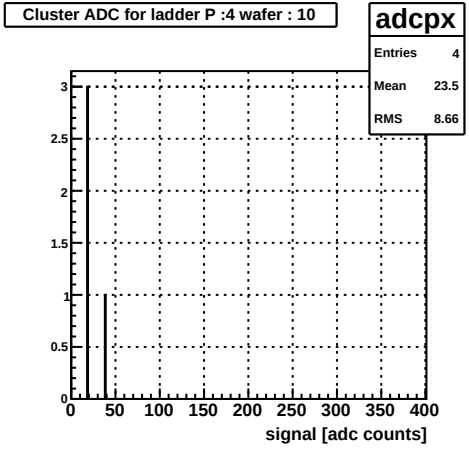

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 5738
Mean 33.2
RMS 27.44
signal [adc counts]

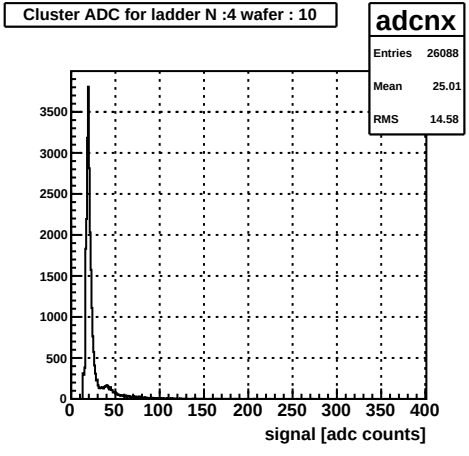

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 16944
Mean 51.68
RMS 47.6
signal [adc counts]

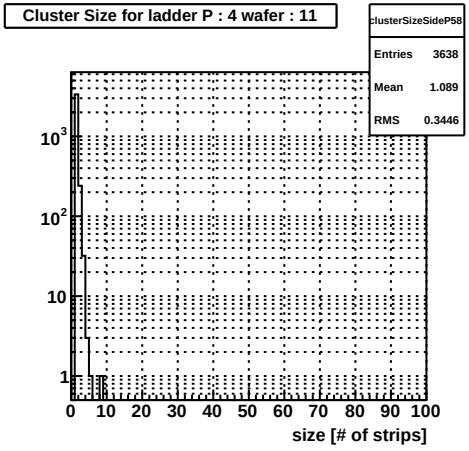

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

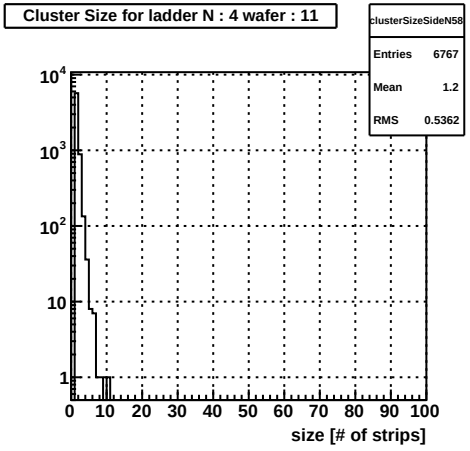

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 26088
Mean 1.213
RMS 0.5958
size [# of strips]

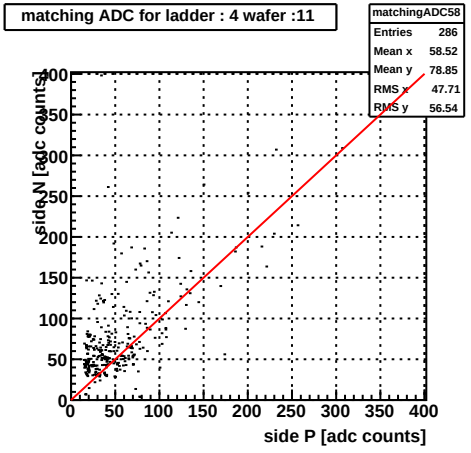

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

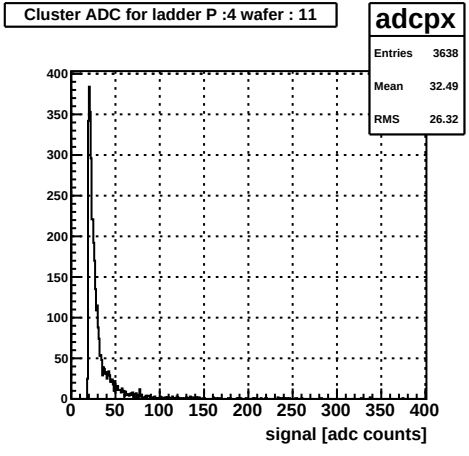

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 4
Mean 23.5
RMS 8.66
signal [adc counts]

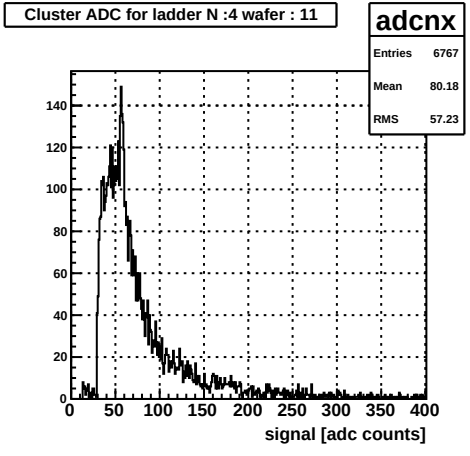

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 26088
Mean 25.01
RMS 14.58
signal [adc counts]

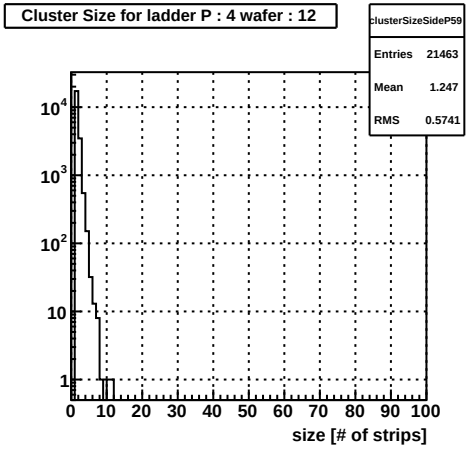

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 3638
Mean 1.089
RMS 0.3446
size [# of strips]

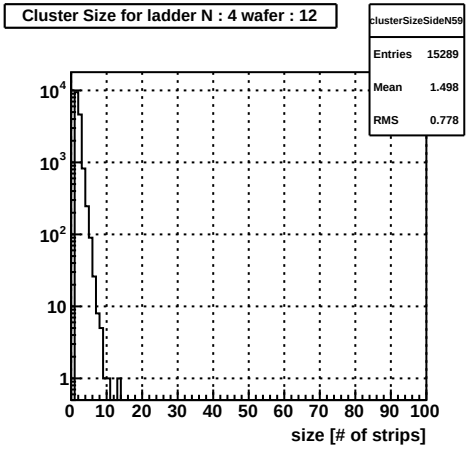

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 6767
Mean 1.2
RMS 0.5362
size [# of strips]

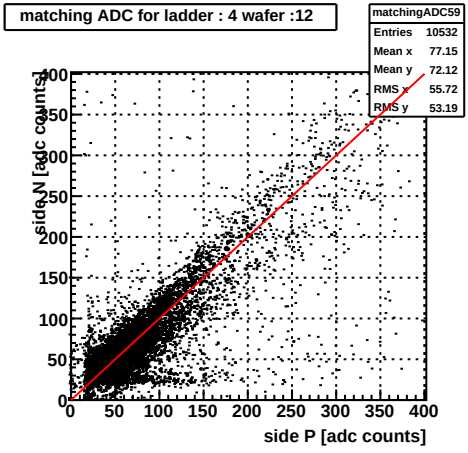

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 286
Mean x 58.52
Mean y 78.85
RMS x 47.71
RMS y 56.54
side N [adc counts]
side P [adc counts]

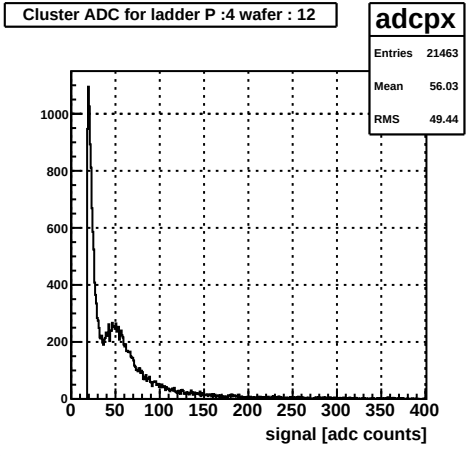

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 3638
Mean 32.49
RMS 26.32
signal [adc counts]

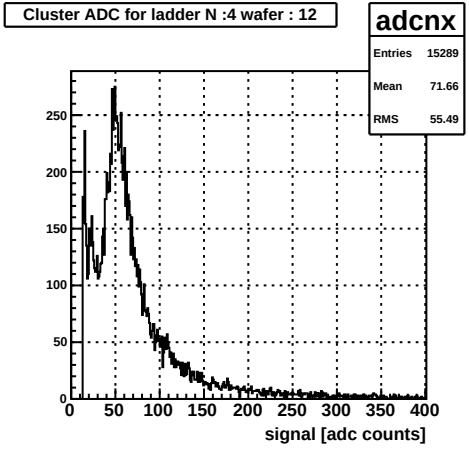

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 6767
Mean 80.18
RMS 57.23
signal [adc counts]

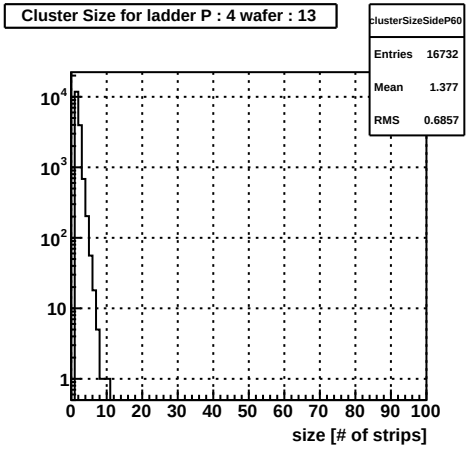

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 21463
Mean 1.247
RMS 0.5741
size [# of strips]

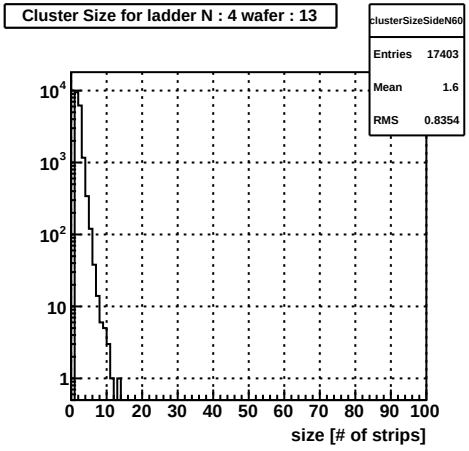

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 15289
Mean 1.498
RMS 0.778
size [# of strips]

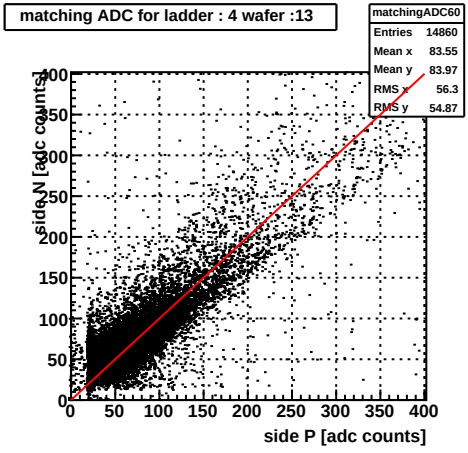

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 10532
Mean x 77.15
Mean y 72.12
RMS x 55.72
RMS y 53.19
side N [adc counts]
side P [adc counts]

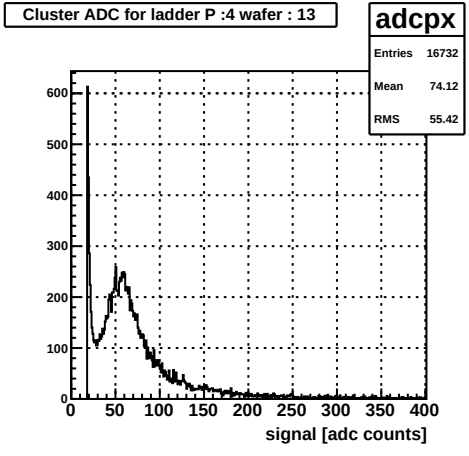

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 21463
Mean 56.03
RMS 49.44
signal [adc counts]

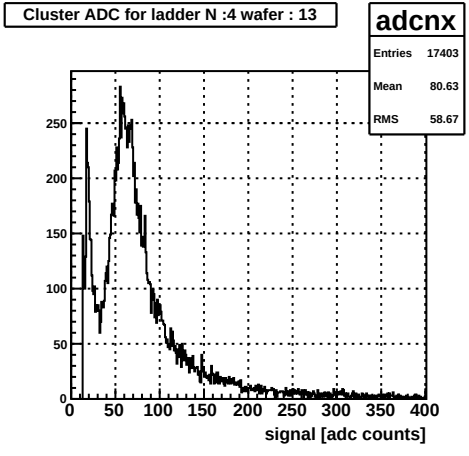

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 15289
Mean 71.66
RMS 55.49
signal [adc counts]

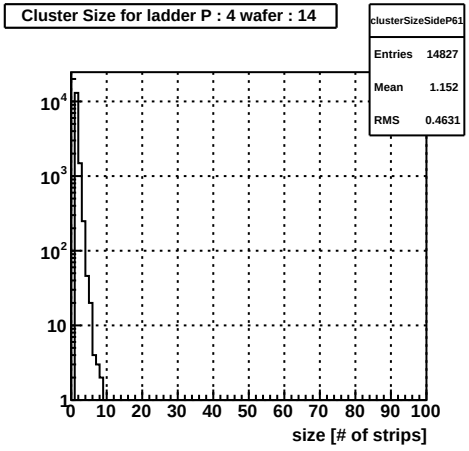

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 16732
Mean 1.377
RMS 0.6857
size [# of strips]

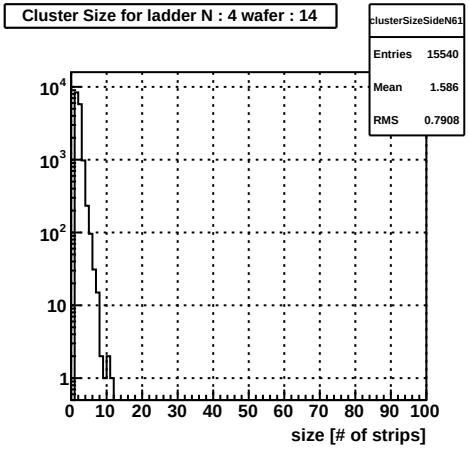

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 17403
Mean 1.6
RMS 0.8354
size [# of strips]

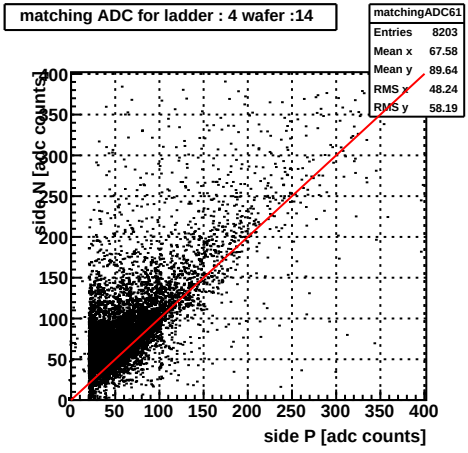

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 14860
Mean x 83.55
Mean y 83.97
RMS x 56.3
RMS y 54.87
side N [adc counts]
side P [adc counts]

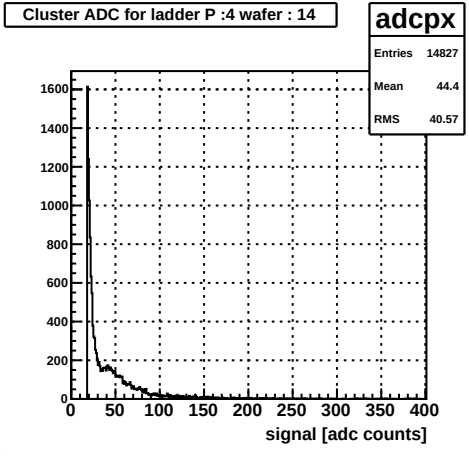

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 16732
Mean 74.12
RMS 55.42
signal [adc counts]

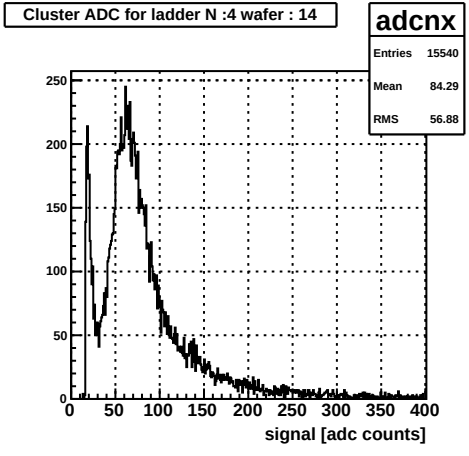

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 17403
Mean 80.63
RMS 58.67
signal [adc counts]

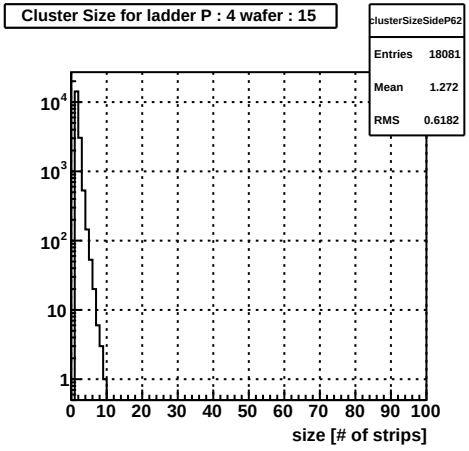

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 14827
Mean 1.152
RMS 0.4631
size [# of strips]

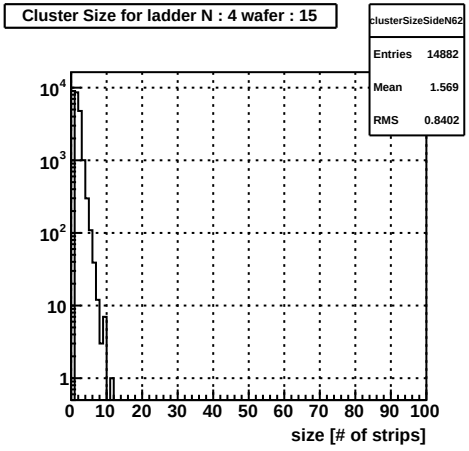

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 15540
Mean 1.586
RMS 0.7908
size [# of strips]

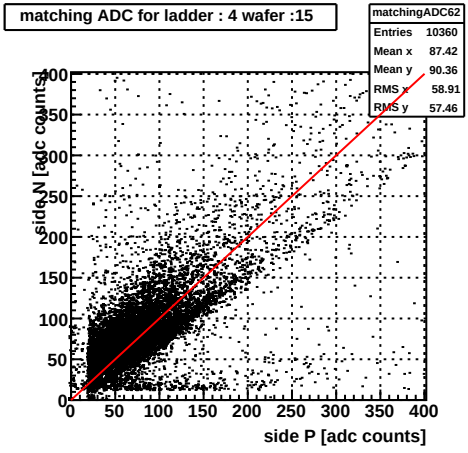

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 8203
Mean x 67.58
Mean y 89.64
RMS x 48.24
RMS y 58.19
side N [adc counts]
side P [adc counts]

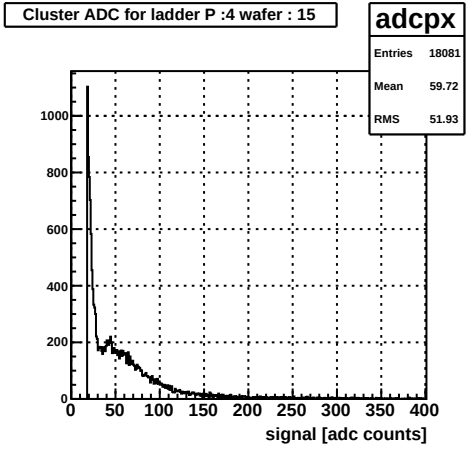

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 14827
Mean 44.4
RMS 40.57
signal [adc counts]

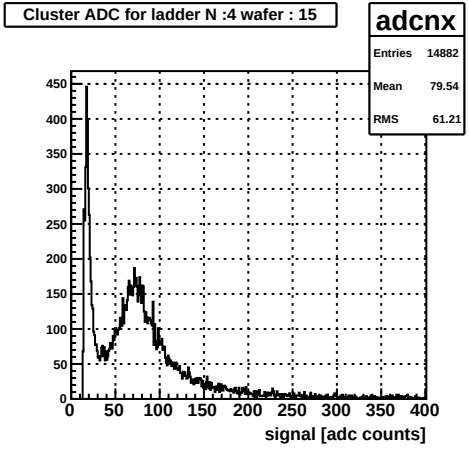

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 15540
Mean 84.29
RMS 56.88
signal [adc counts]

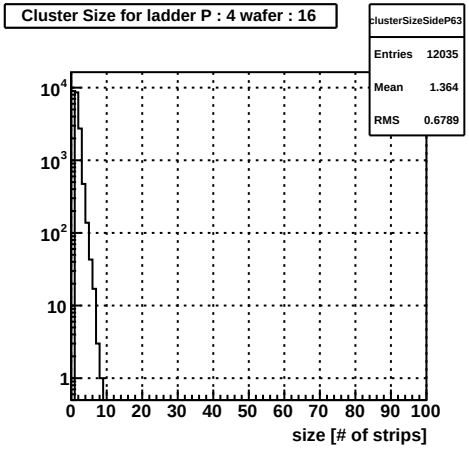

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 18081
Mean 1.272
RMS 0.6182
size [# of strips]

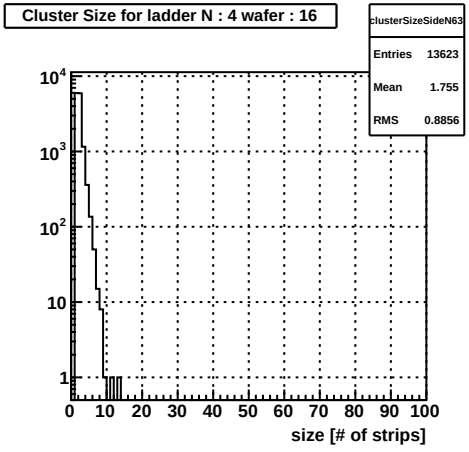

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 14882
Mean 1.569
RMS 0.8402
size [# of strips]

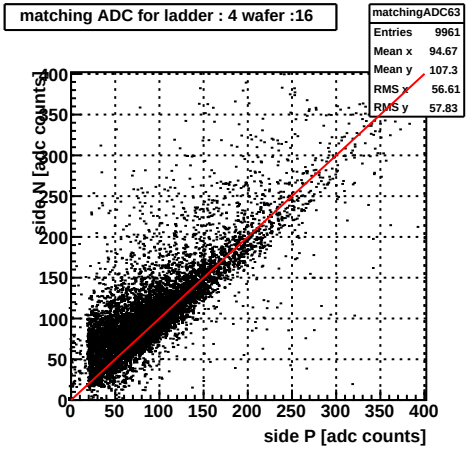

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 10360
Mean x 87.42
Mean y 90.36
RMS x 58.91
RMS y 57.46
side N [adc counts]
side P [adc counts]

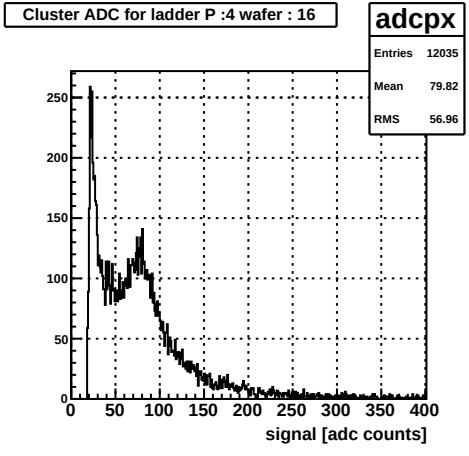

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 18081
Mean 59.72
RMS 51.93
signal [adc counts]

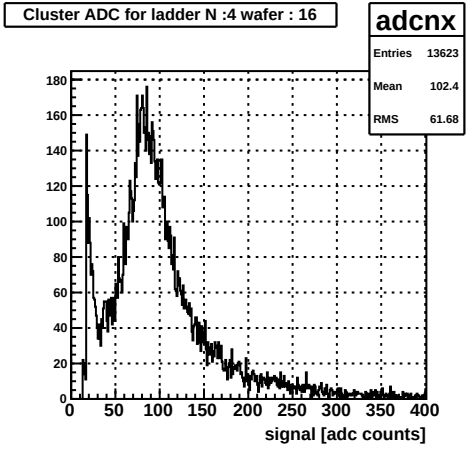

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 14882
Mean 79.54
RMS 61.21
signal [adc counts]

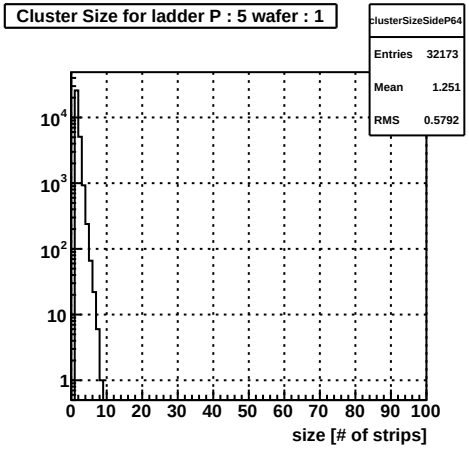

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 12035
Mean 1.364
RMS 0.6789
size [# of strips]

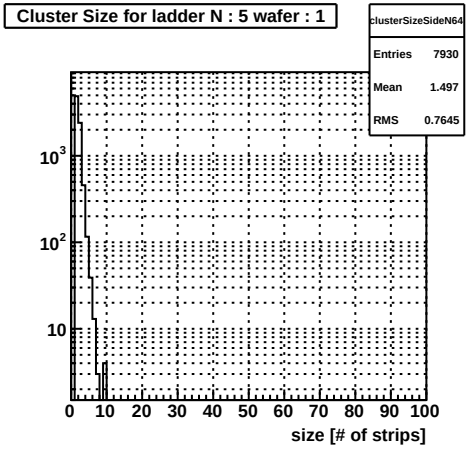

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 13623
Mean 1.755
RMS 0.8856
size [# of strips]

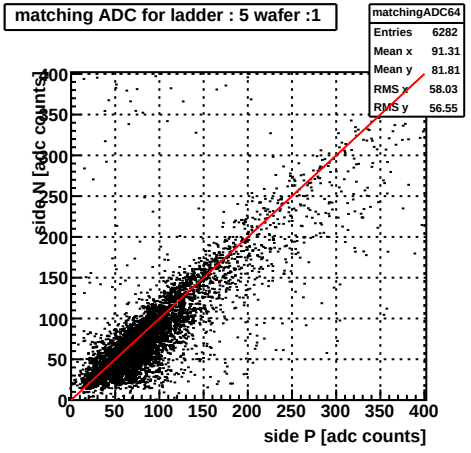

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 9961
Mean x 94.67
Mean y 107.3
RMS x 56.61
RMS y 57.83
side N [adc counts]
side P [adc counts]

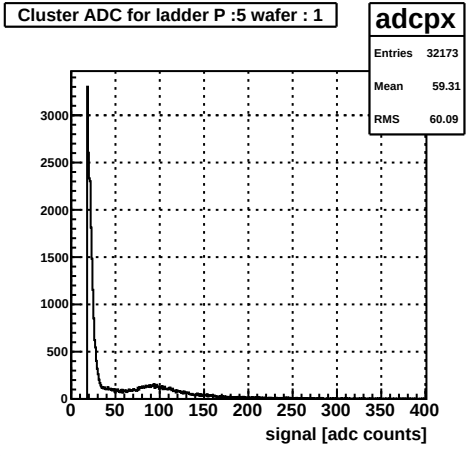

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 12035
Mean 79.82
RMS 56.96
signal [adc counts]

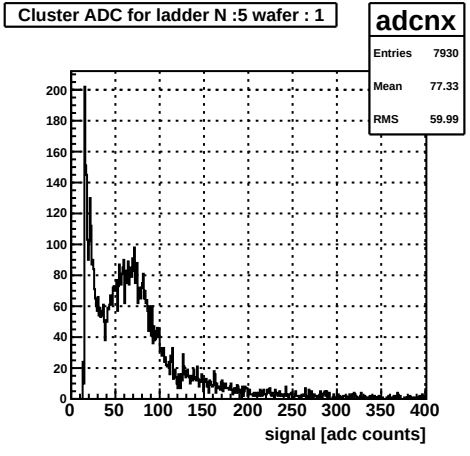

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 13623
Mean 102.4
RMS 61.68
signal [adc counts]

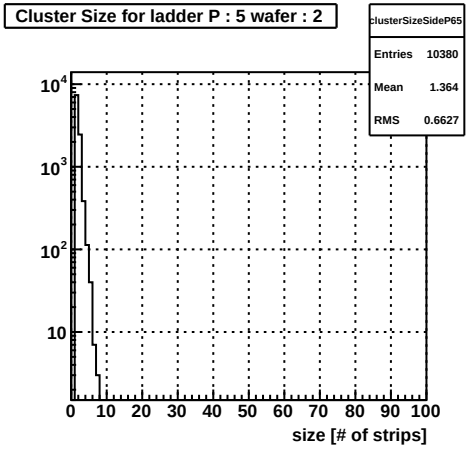

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 32173
Mean 1.251
RMS 0.5792
size [# of strips]

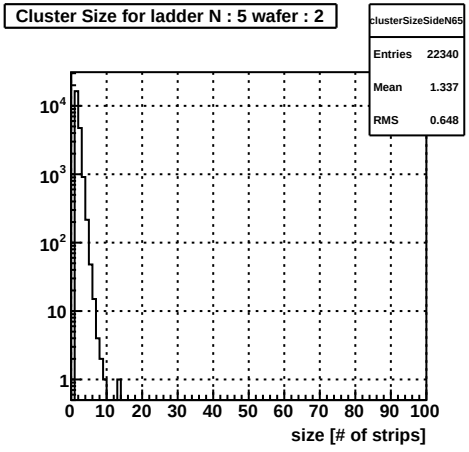

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 7930
Mean 1.497
RMS 0.7645
size [# of strips]

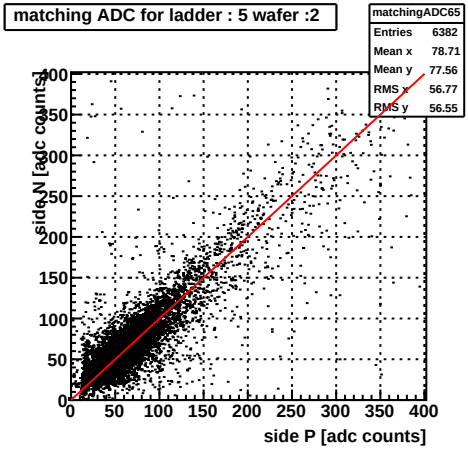

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 6282
Mean x 91.31
Mean y 81.81
RMS x 58.03
RMS y 56.55
side N [adc counts]
side P [adc counts]

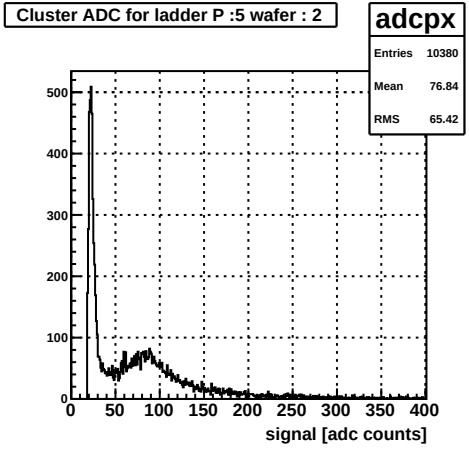

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 32173
Mean 59.31
RMS 60.09
signal [adc counts]

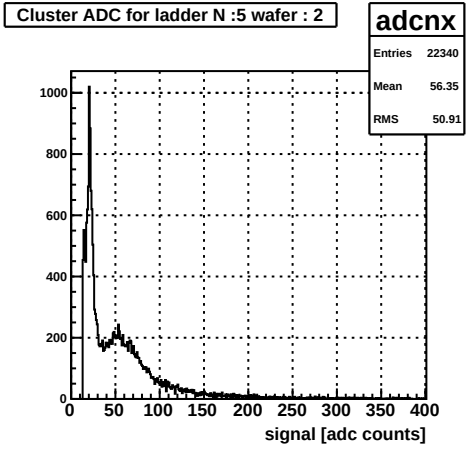

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 7930
Mean 77.33
RMS 59.99
signal [adc counts]

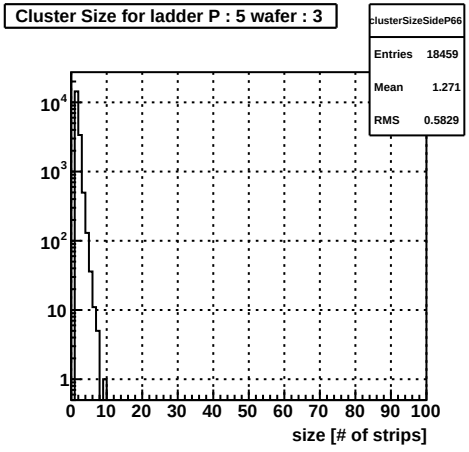

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 10380
Mean 1.364
RMS 0.6627
size [# of strips]

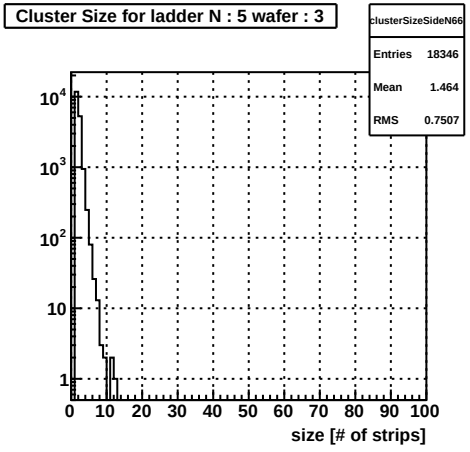

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 22340
Mean 1.337
RMS 0.648
size [# of strips]

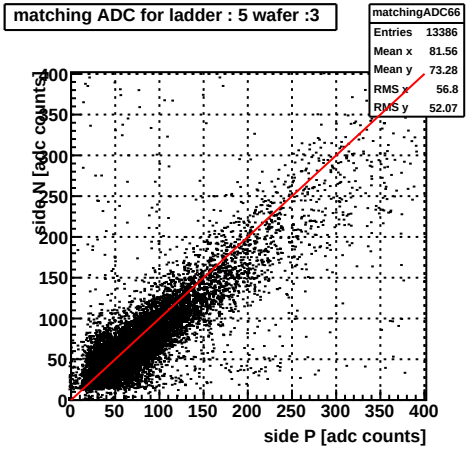

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 6382
Mean x 78.71
Mean y 77.56
RMS x 56.77
RMS y 56.55
side N [adc counts]
side P [adc counts]

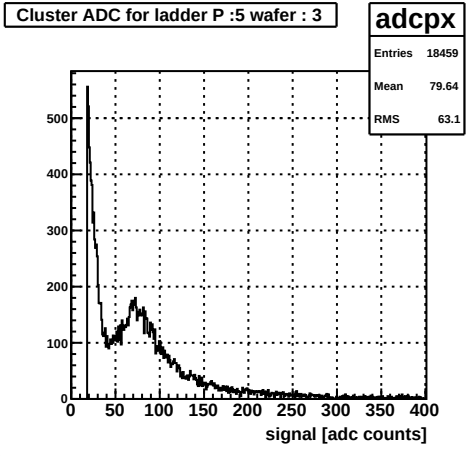

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 10380
Mean 76.84
RMS 65.42
signal [adc counts]

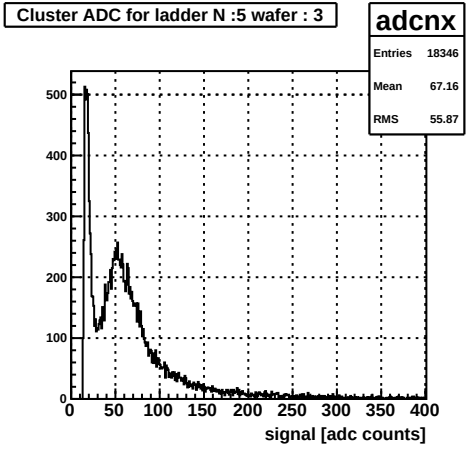

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 22340
Mean 56.35
RMS 50.91
signal [adc counts]

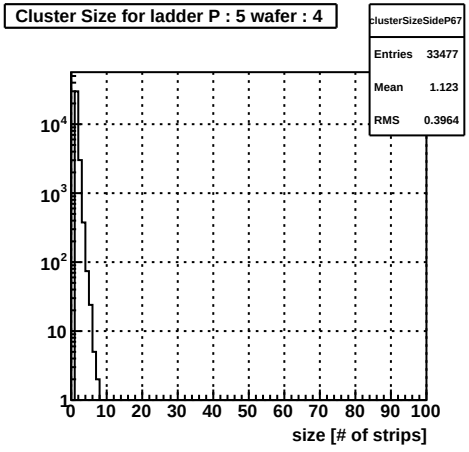

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 18459
Mean 1.271
RMS 0.5829
size [# of strips]

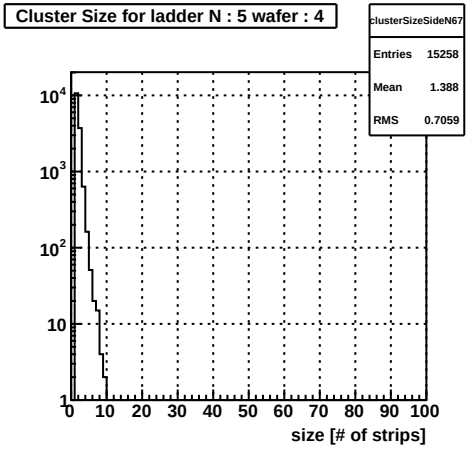

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 18346
Mean 1.464
RMS 0.7507
size [# of strips]

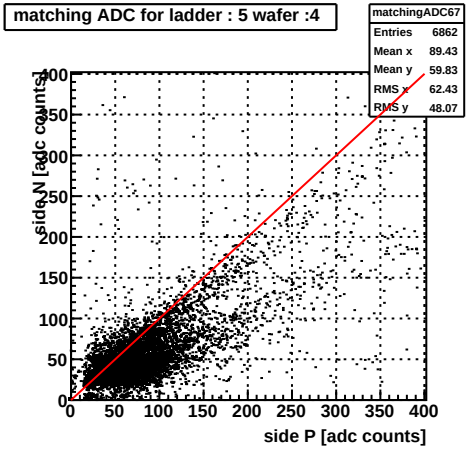

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 13386
Mean x 81.56
Mean y 73.28
RMS x 56.8
RMS y 52.07
side N [adc counts]
side P [adc counts]

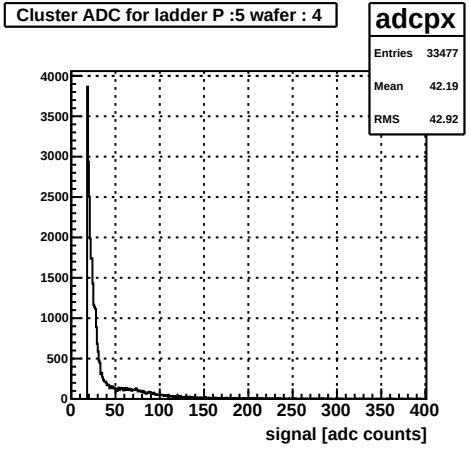

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 18459
Mean 79.64
RMS 63.1
signal [adc counts]

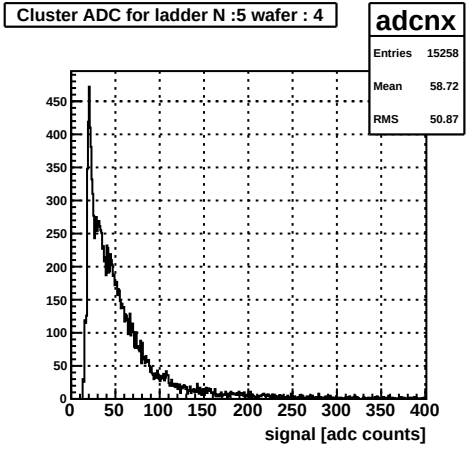

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 18346
Mean 67.16
RMS 55.87
signal [adc counts]

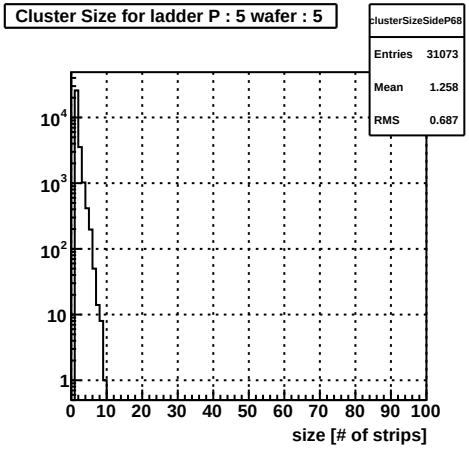

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 33477
Mean 1.123
RMS 0.3964
size [# of strips]

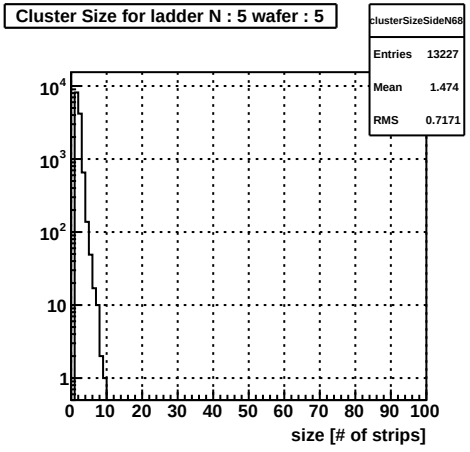

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 15258
Mean 1.388
RMS 0.7059
size [# of strips]

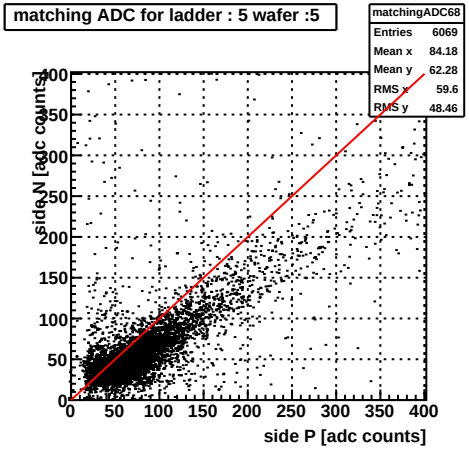

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 6862
Mean x 89.43
Mean y 59.83
RMS x 62.43
RMS y 48.07
side N [adc counts]
side P [adc counts]

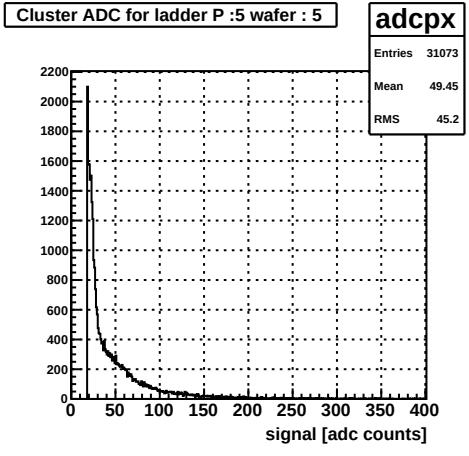

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 33477
Mean 42.19
RMS 42.92
signal [adc counts]

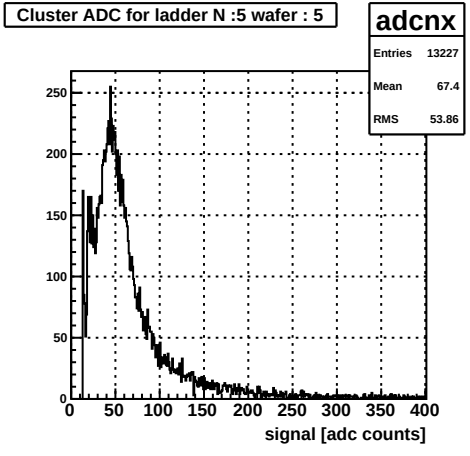

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 15258
Mean 58.72
RMS 50.87
signal [adc counts]

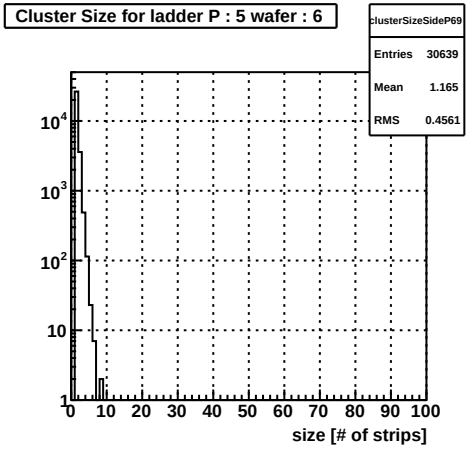

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 31073
Mean 1.258
RMS 0.687
size [# of strips]

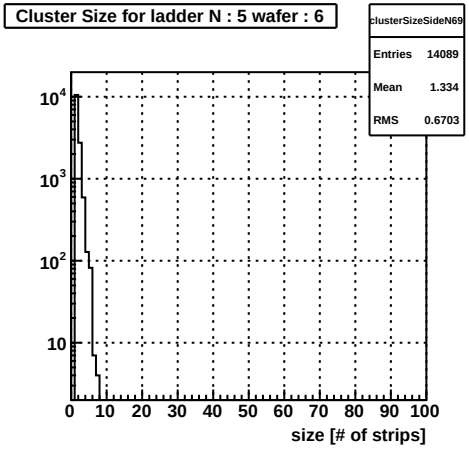

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 13227
Mean 1.474
RMS 0.7171
size [# of strips]

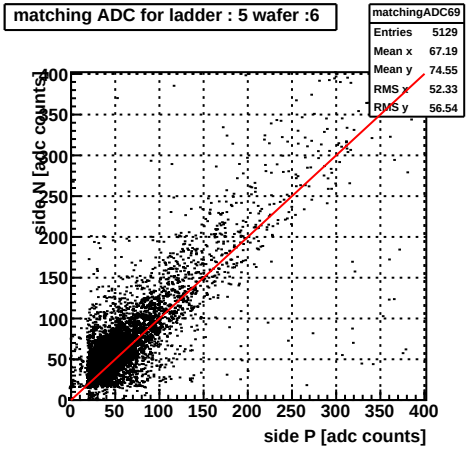

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 6069
Mean x 84.18
Mean y 62.28
RMS x 59.6
RMS y 48.46
side N [adc counts]
side P [adc counts]

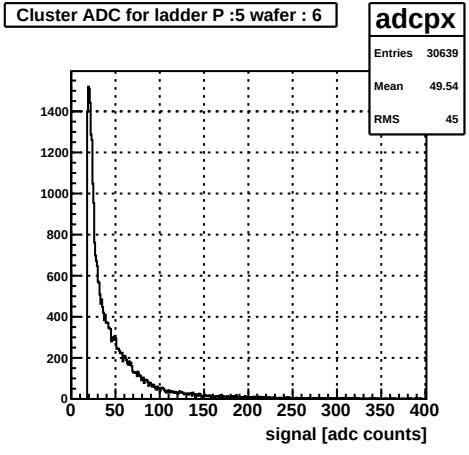

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 31073
Mean 49.45
RMS 45.2
signal [adc counts]

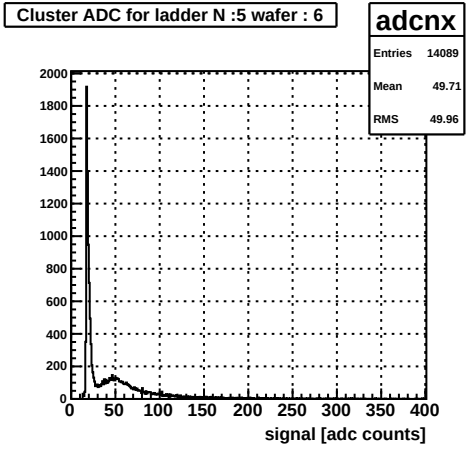

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 13227
Mean 67.4
RMS 53.86
signal [adc counts]

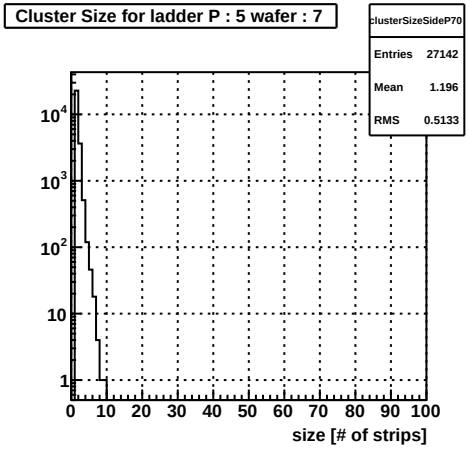

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 30639
Mean 1.165
RMS 0.4561
size [# of strips]

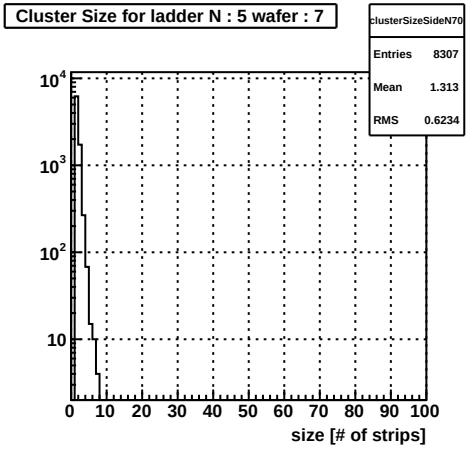

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 14089
Mean 1.334
RMS 0.6703
size [# of strips]

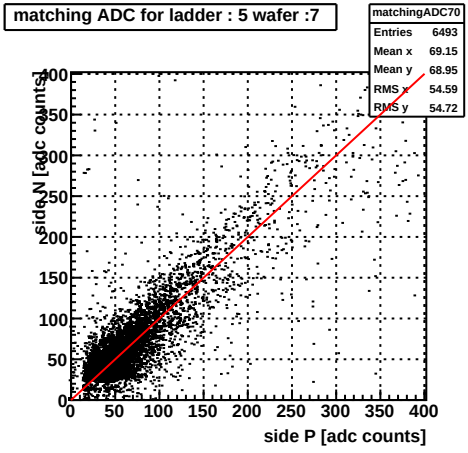

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 5129
Mean x 67.19
Mean y 74.55
RMS x 52.33
RMS y 56.54
side N [adc counts]
side P [adc counts]

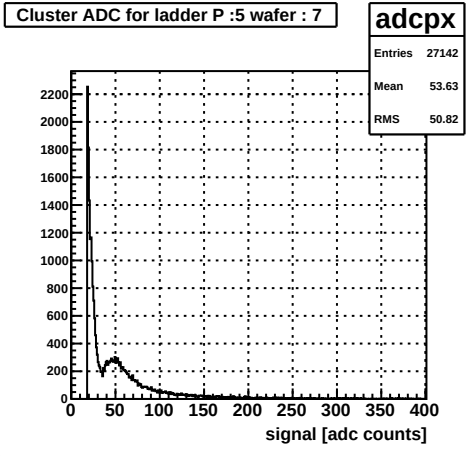

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 30639
Mean 49.54
RMS 45
signal [adc counts]

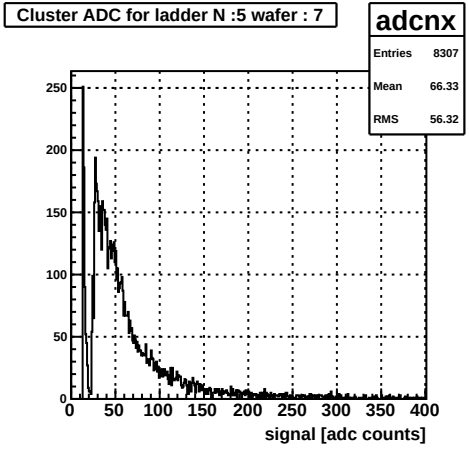

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 14089
Mean 49.71
RMS 49.96
signal [adc counts]

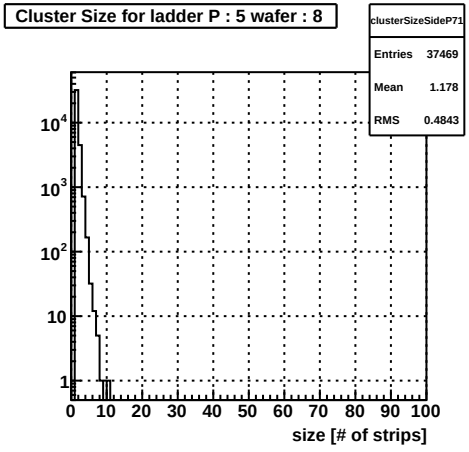

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 27142
Mean 1.196
RMS 0.5133
size [# of strips]

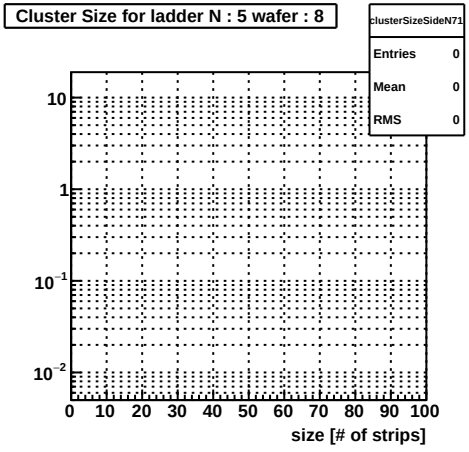

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 8307
Mean 1.313
RMS 0.6234
size [# of strips]

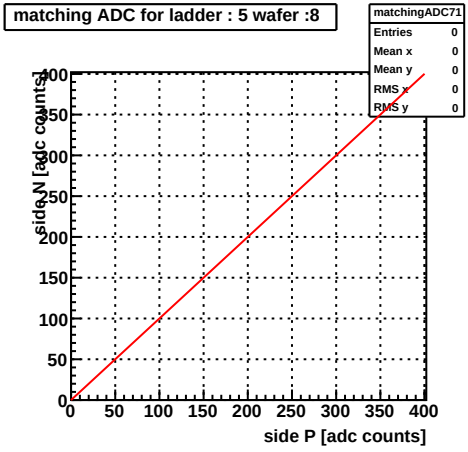

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 6493
Mean x 69.15
Mean y 68.95
RMS x 54.59
RMS y 54.72
side N [adc counts]
side P [adc counts]

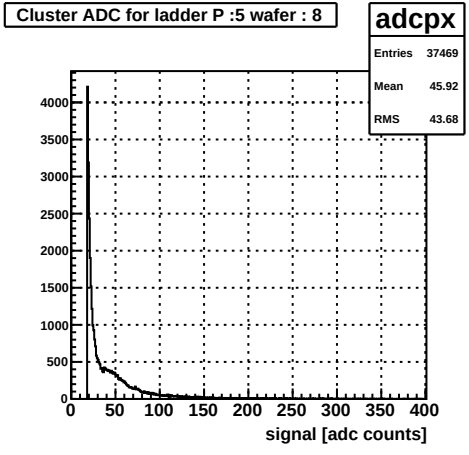

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 27142
Mean 53.63
RMS 50.82
signal [adc counts]

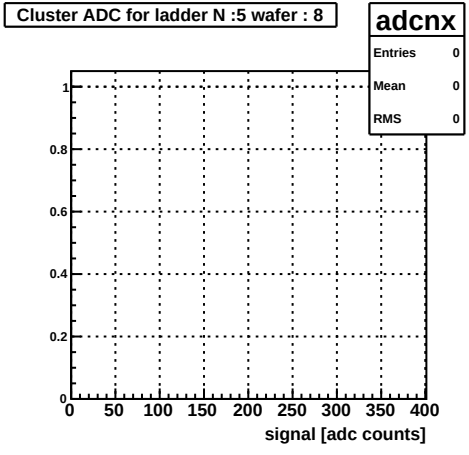

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 8307
Mean 66.33
RMS 56.32
signal [adc counts]

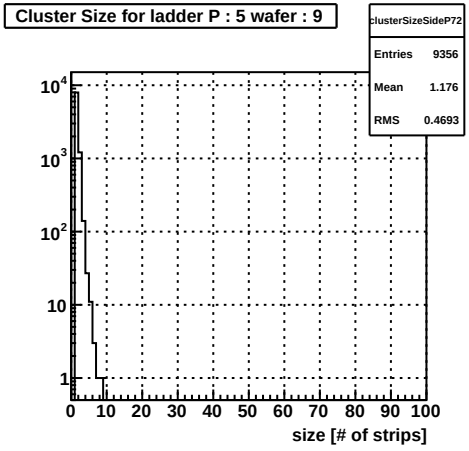

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 37469
Mean 1.178
RMS 0.4843
size [# of strips]

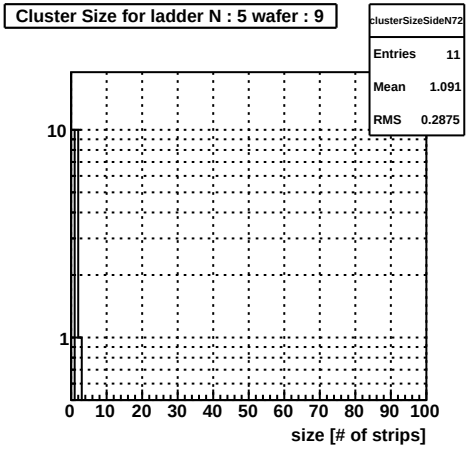

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

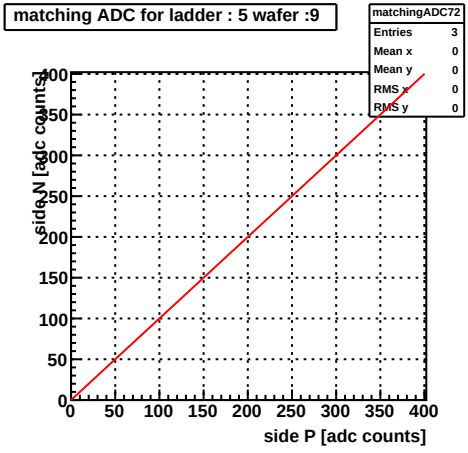

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

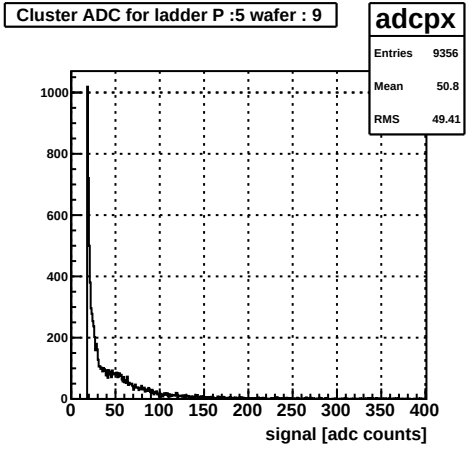

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 37469
Mean 45.92
RMS 43.68
signal [adc counts]

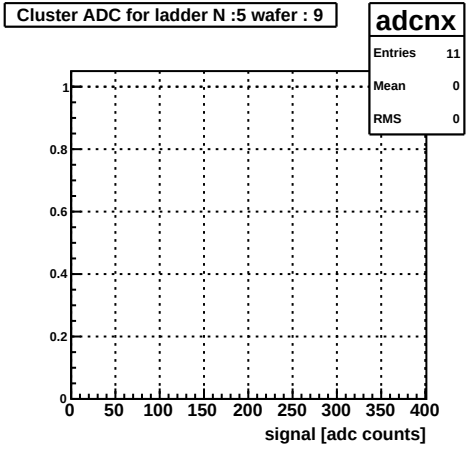

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

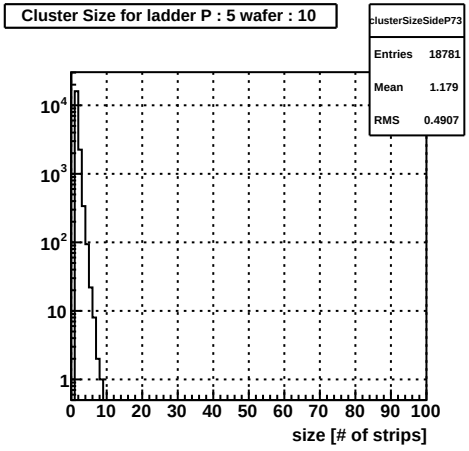

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 9356
Mean 1.176
RMS 0.4693
size [# of strips]

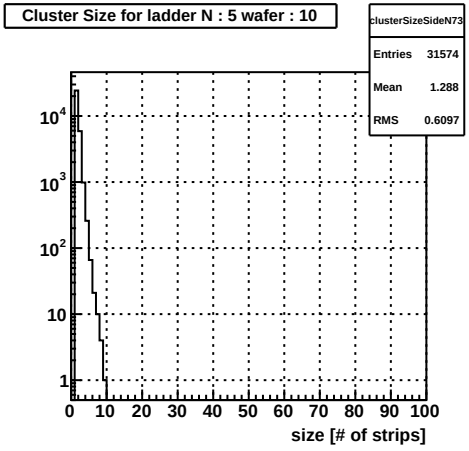

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 11
Mean 1.091
RMS 0.2875
size [# of strips]

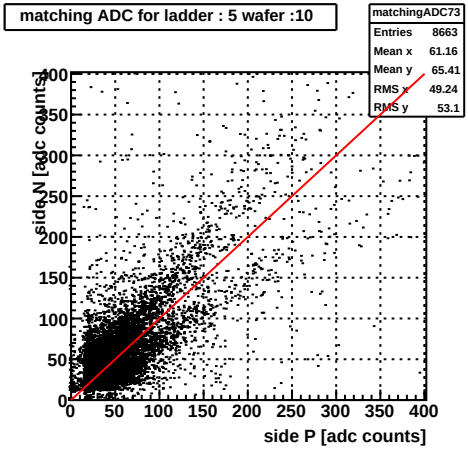

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

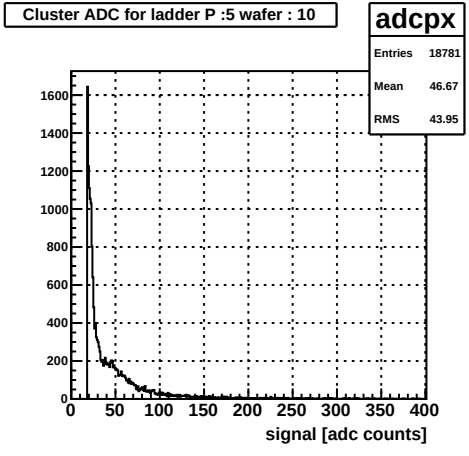

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 9356
Mean 50.8
RMS 49.41
signal [adc counts]

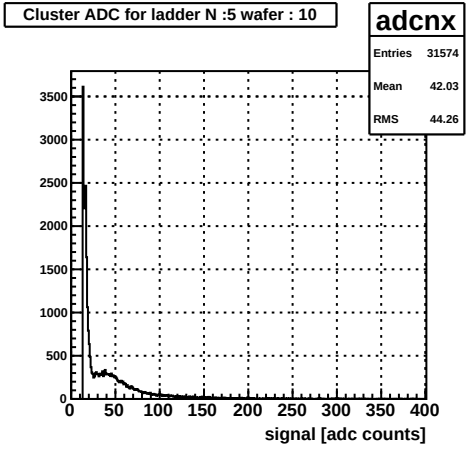

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 11
Mean 0
RMS 0
signal [adc counts]

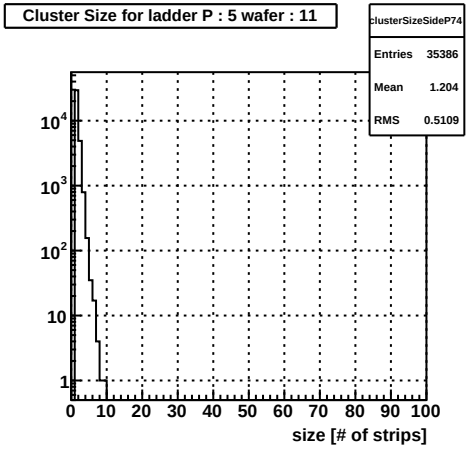

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 18781
Mean 1.179
RMS 0.4907
size [# of strips]

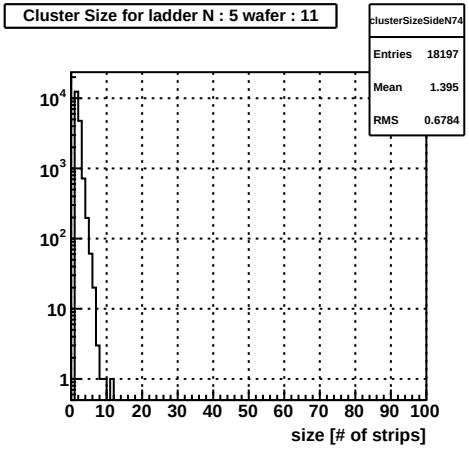

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 31574
Mean 1.288
RMS 0.6097
size [# of strips]

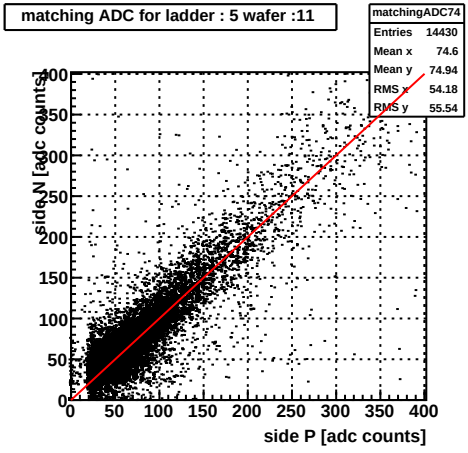

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 8663
Mean x 61.16
Mean y 65.41
RMS x 49.24
RMS y 53.1
side N [adc counts]
side P [adc counts]

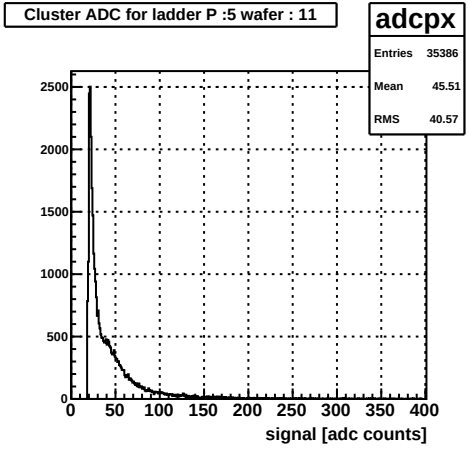

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 18781
Mean 46.67
RMS 43.95
signal [adc counts]

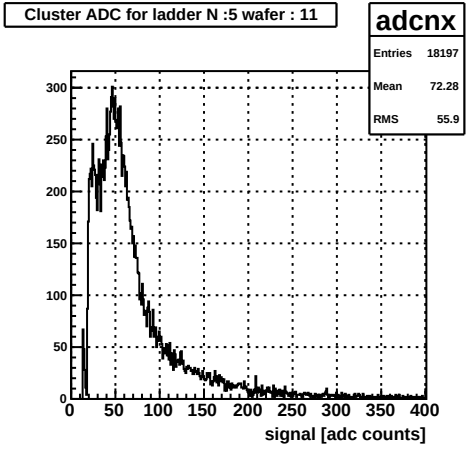

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 31574
Mean 42.03
RMS 44.26
signal [adc counts]

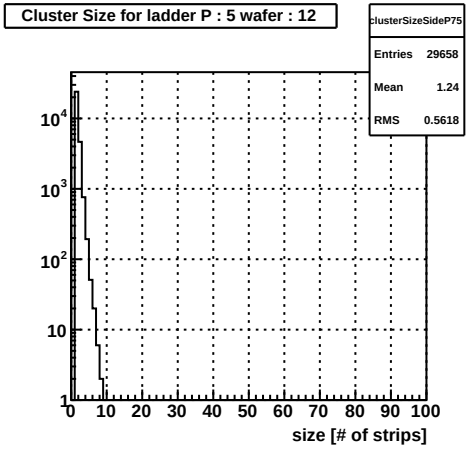

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 35386
Mean 1.204
RMS 0.5109
size [# of strips]

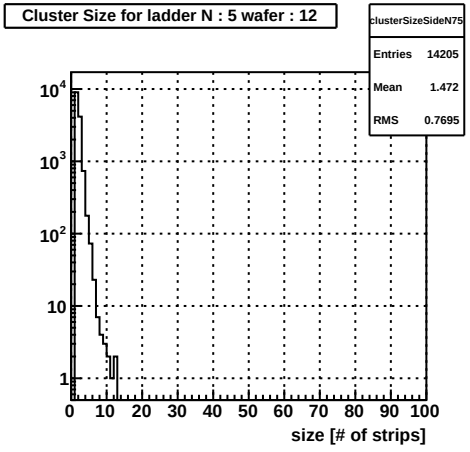

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 18197
Mean 1.395
RMS 0.6784
size [# of strips]

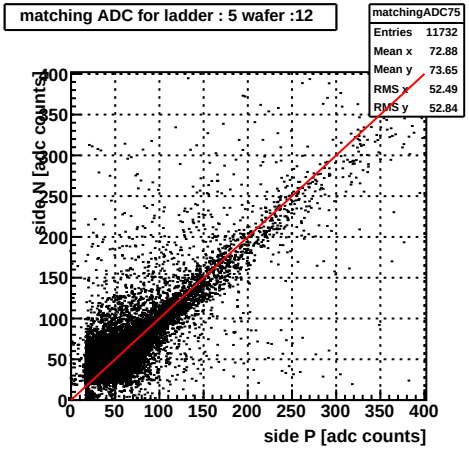

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 14430
Mean x 74.6
Mean y 74.94
RMS x 54.18
RMS y 55.54
side N [adc counts]
side P [adc counts]

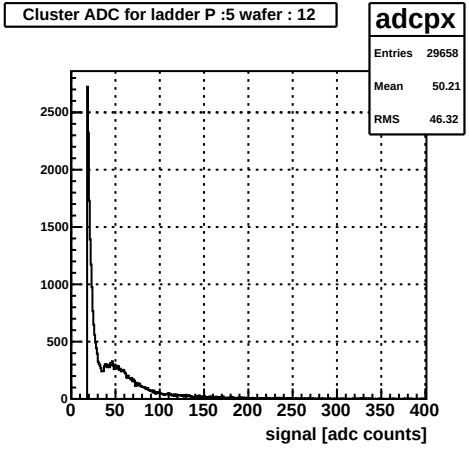

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 35386
Mean 45.51
RMS 40.57
signal [adc counts]

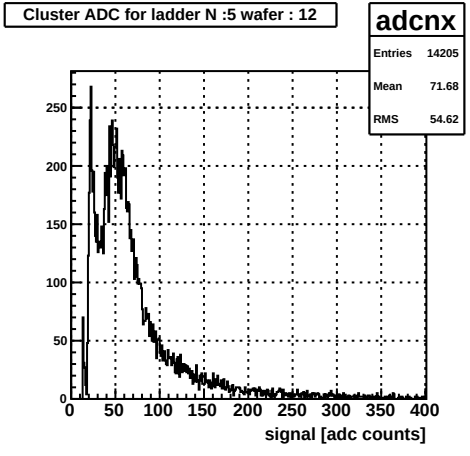

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 18197
Mean 72.28
RMS 55.9
signal [adc counts]

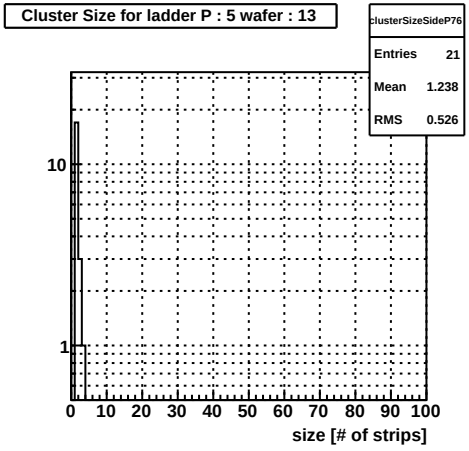

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 29658
Mean 1.24
RMS 0.5618
size [# of strips]

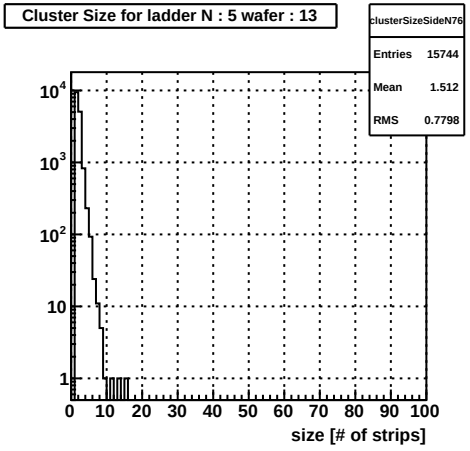

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 14205
Mean 1.472
RMS 0.7695
size [# of strips]

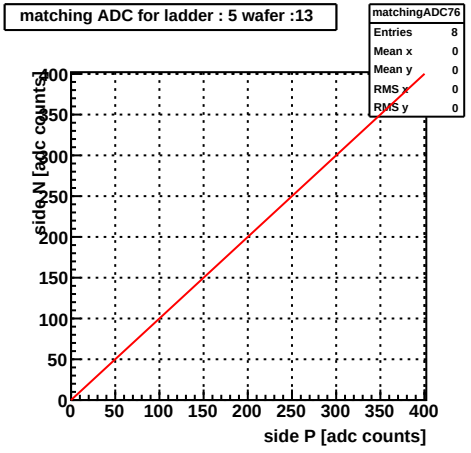

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 11732
Mean x 72.88
Mean y 73.65
RMS x 52.49
RMS y 52.84
side N [adc counts]
side P [adc counts]

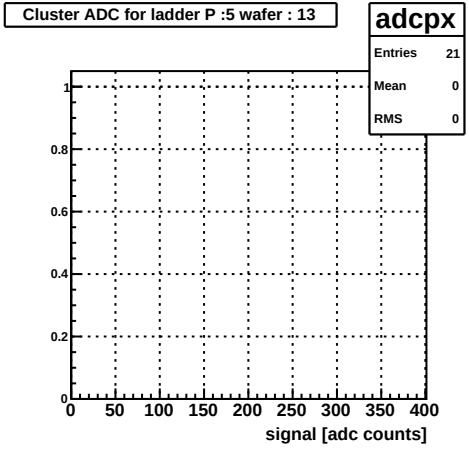

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 29658
Mean 50.21
RMS 46.32
signal [adc counts]

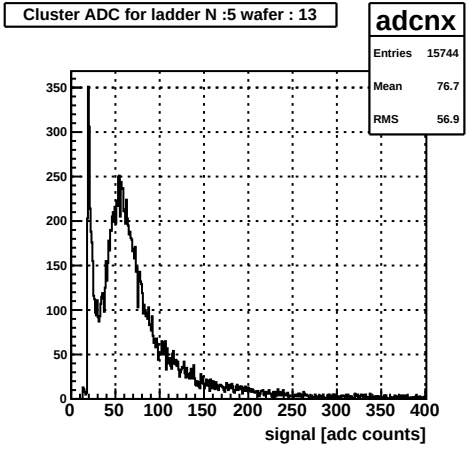

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 14205
Mean 71.68
RMS 54.62
signal [adc counts]

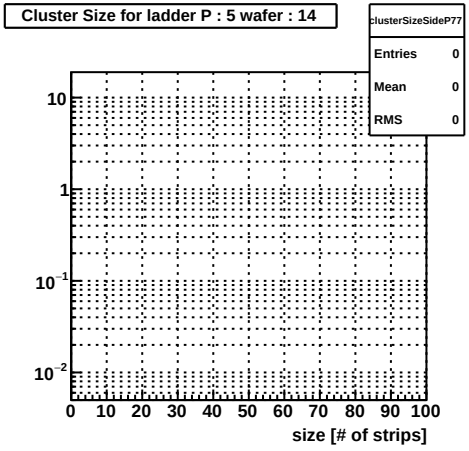

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 21
Mean 1.238
RMS 0.526
size [# of strips]

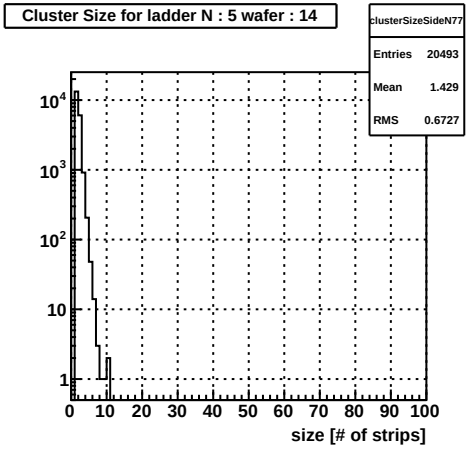

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 15744
Mean 1.512
RMS 0.7798
size [# of strips]

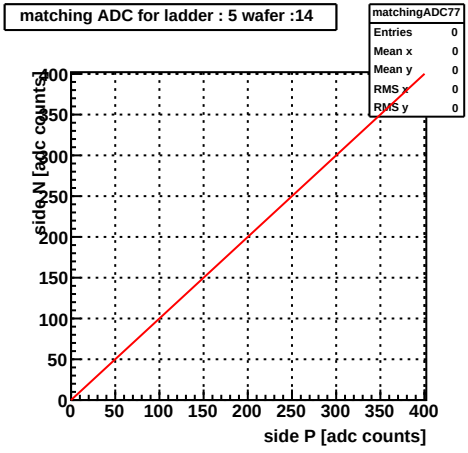

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

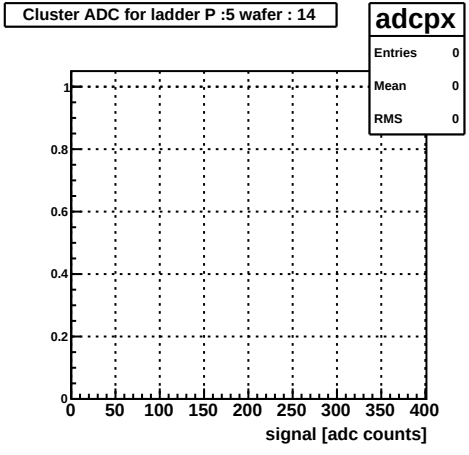

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 21
Mean 0
RMS 0
signal [adc counts]

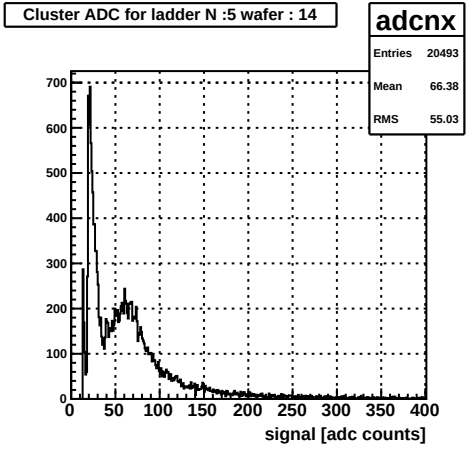

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 15744
Mean 76.7
RMS 56.9
signal [adc counts]

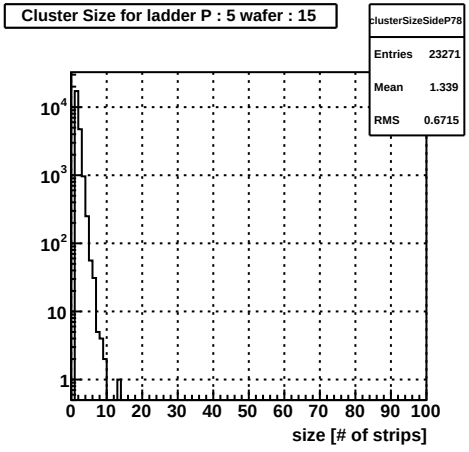

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

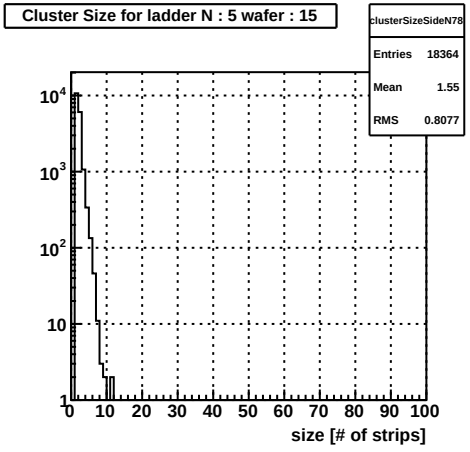

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 20493
Mean 1.429
RMS 0.6727
size [# of strips]

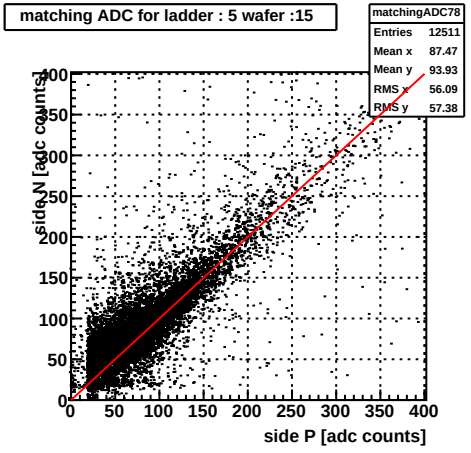

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

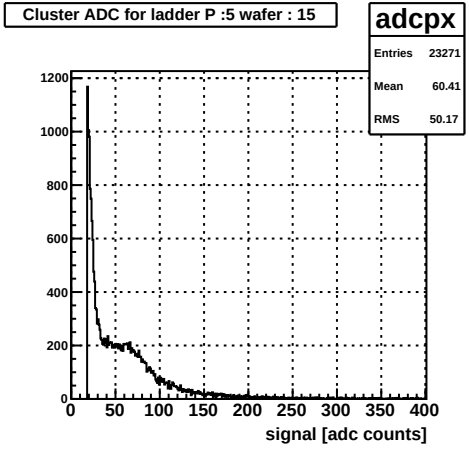

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

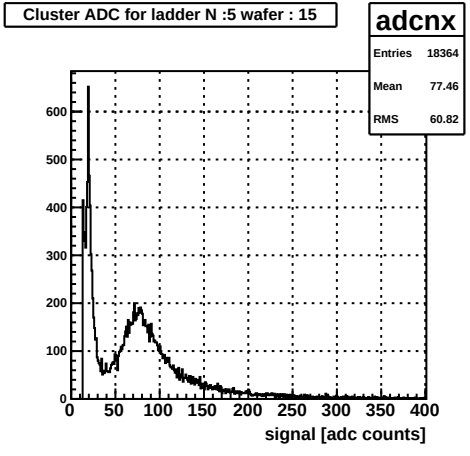

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 20493
Mean 66.38
RMS 55.03
signal [adc counts]

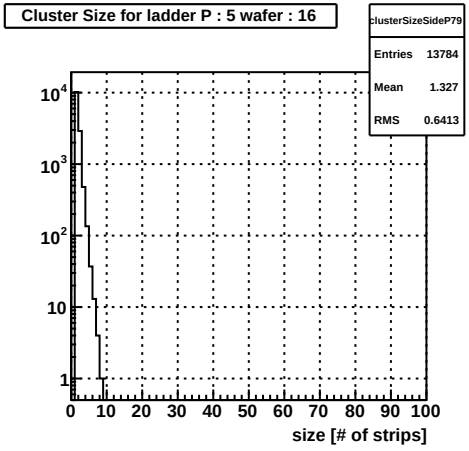

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 23271
Mean 1.339
RMS 0.6715
size [# of strips]

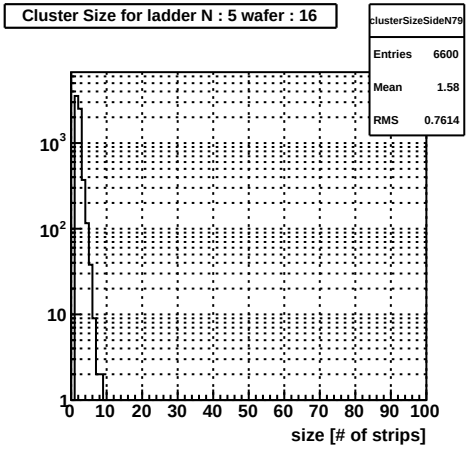

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 18364
Mean 1.55
RMS 0.8077
size [# of strips]

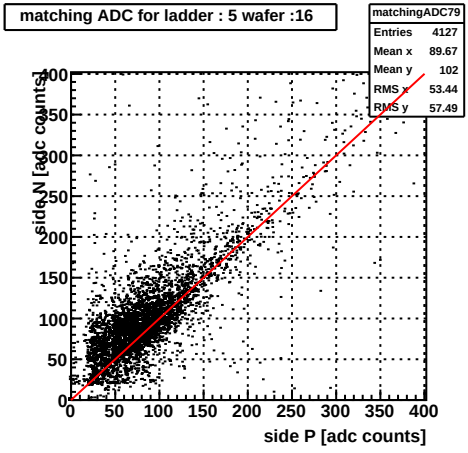

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 12511
Mean x 87.47
Mean y 93.93
RMS x 56.09
RMS y 57.38
side N [adc counts]
side P [adc counts]

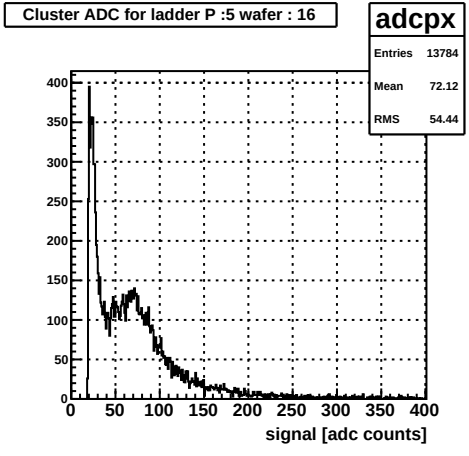

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 23271
Mean 60.41
RMS 50.17
signal [adc counts]

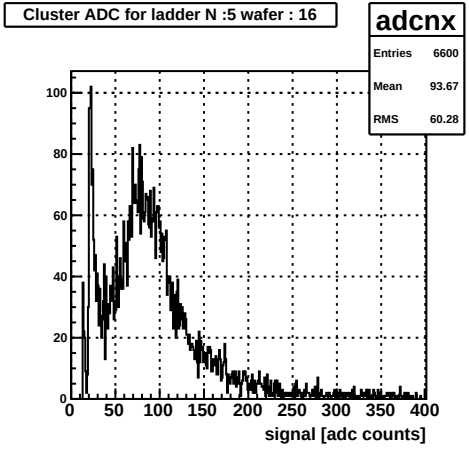

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 18364
Mean 77.46
RMS 60.82
signal [adc counts]

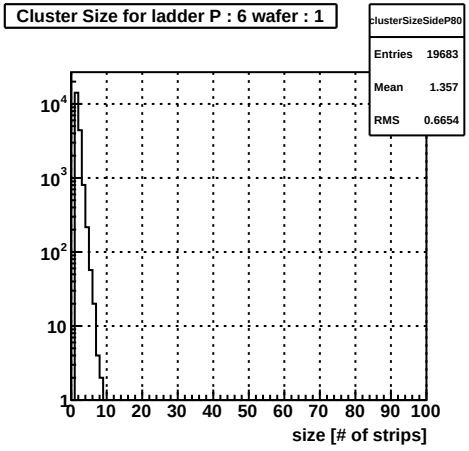

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 13784
Mean 1.327
RMS 0.6413
size [# of strips]

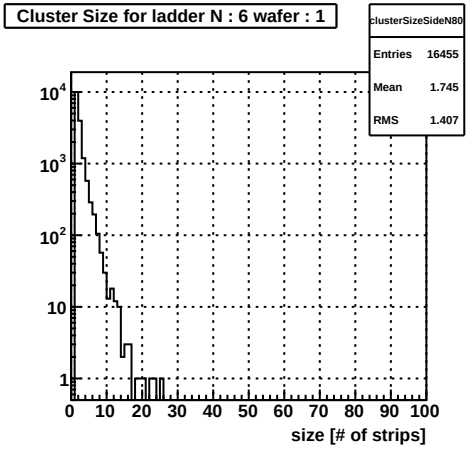

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 6600
Mean 1.58
RMS 0.7614
size [# of strips]

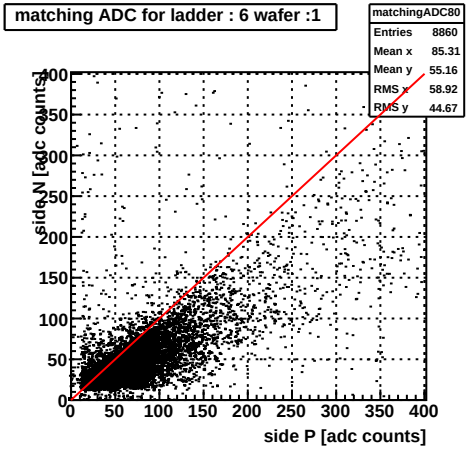

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 4127
Mean x 89.67
Mean y 102
RMS x 53.44
RMS y 57.49
side N [adc counts]
side P [adc counts]

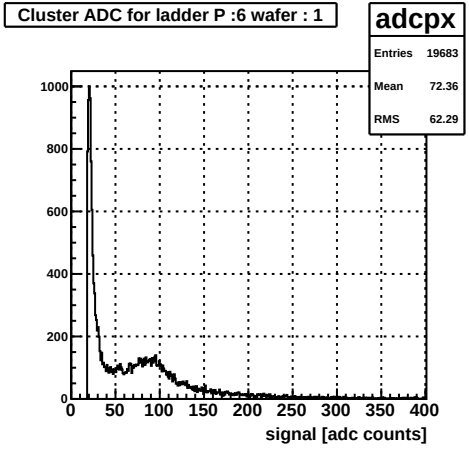

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 13784
Mean 72.12
RMS 54.44
signal [adc counts]

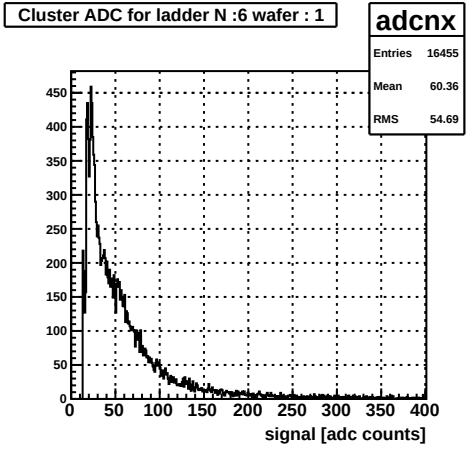

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 6600
Mean 93.67
RMS 60.28
signal [adc counts]

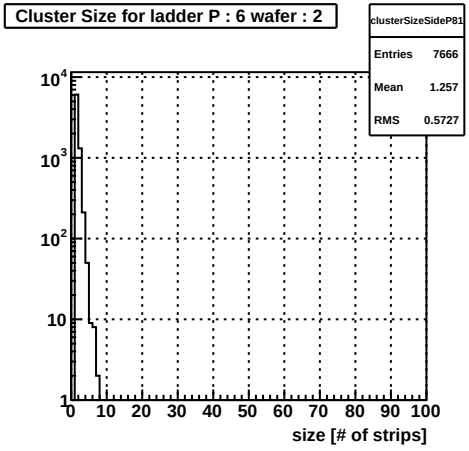

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 19683
Mean 1.357
RMS 0.6654
size [# of strips]

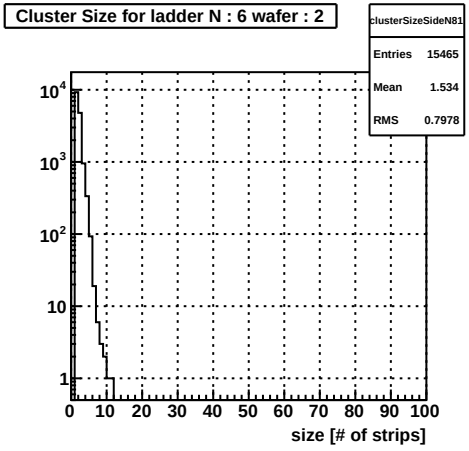

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 16455
Mean 1.745
RMS 1.407
size [# of strips]

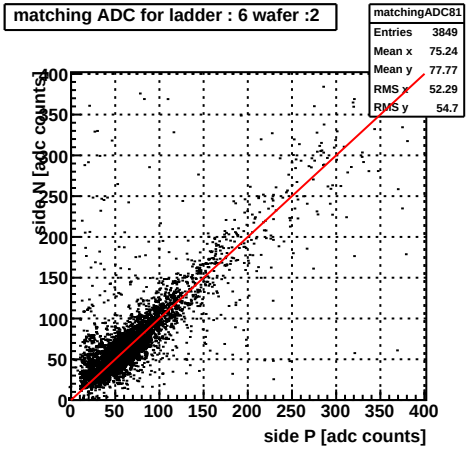

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 8860
Mean x 85.31
Mean y 55.16
RMS x 58.92
RMS y 44.67
side N [adc counts]
side P [adc counts]

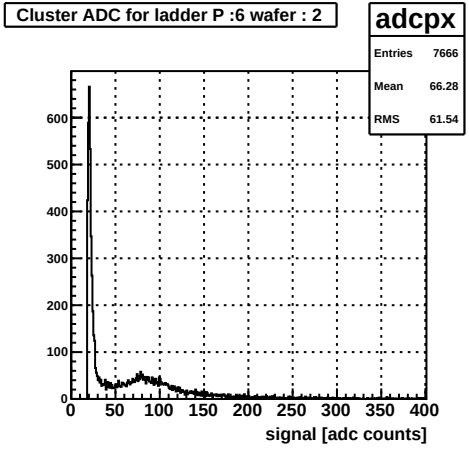

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 19683
Mean 72.36
RMS 62.29
signal [adc counts]

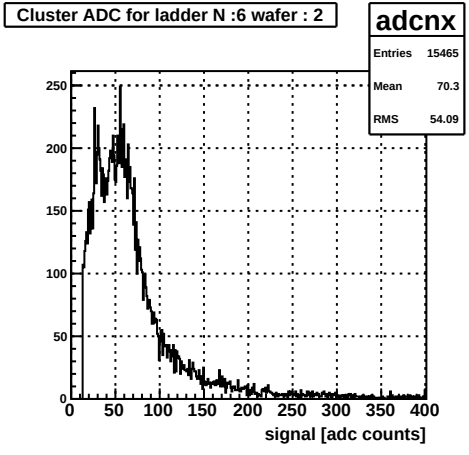

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 16455
Mean 60.36
RMS 54.69
signal [adc counts]

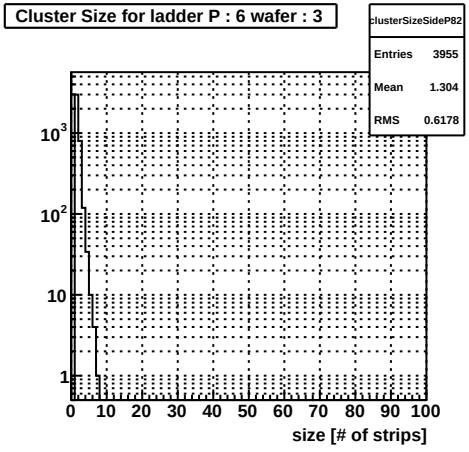

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 7666
Mean 1.257
RMS 0.5727
size [# of strips]

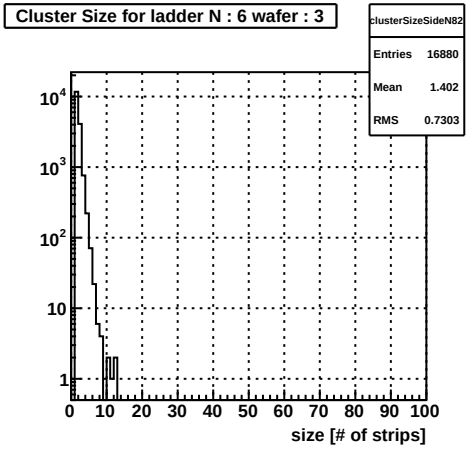

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 15465
Mean 1.534
RMS 0.7978
size [# of strips]

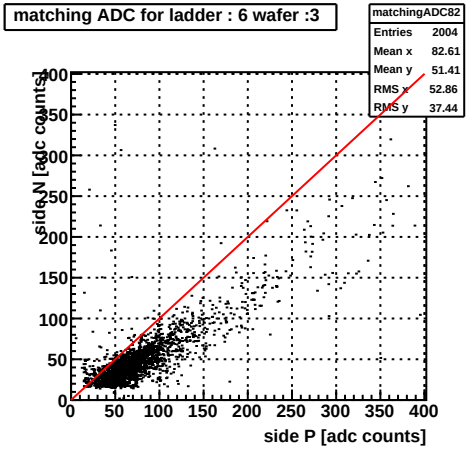

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 3849
Mean x 75.24
Mean y 77.77
RMS x 52.29
RMS y 54.7
side N [adc counts]
side P [adc counts]

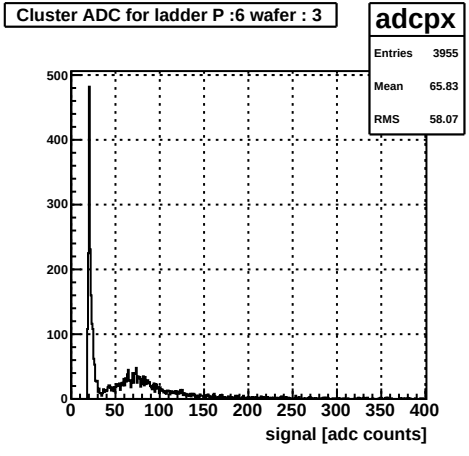

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 7666
Mean 66.28
RMS 61.54
signal [adc counts]

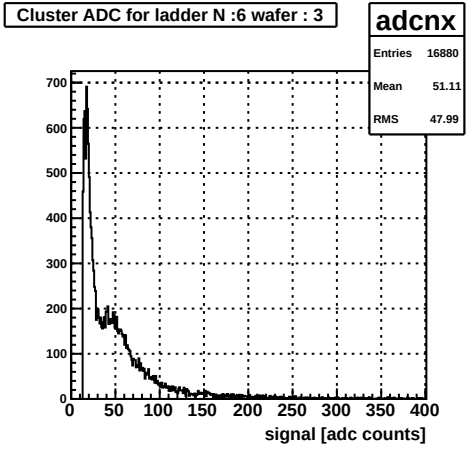

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 15465
Mean 70.3
RMS 54.09
signal [adc counts]

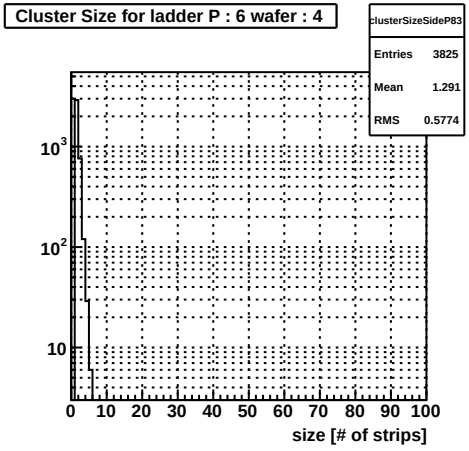

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 3955
Mean 1.304
RMS 0.6178
size [# of strips]

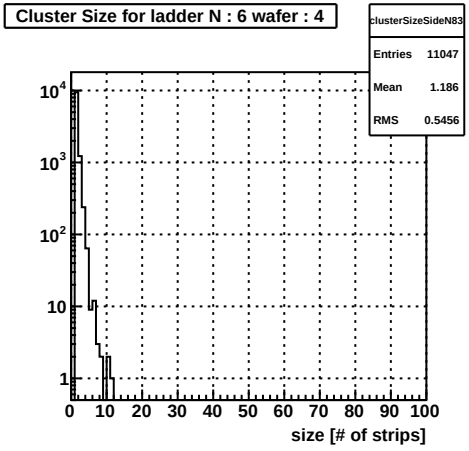

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 16880
Mean 1.402
RMS 0.7303
size [# of strips]

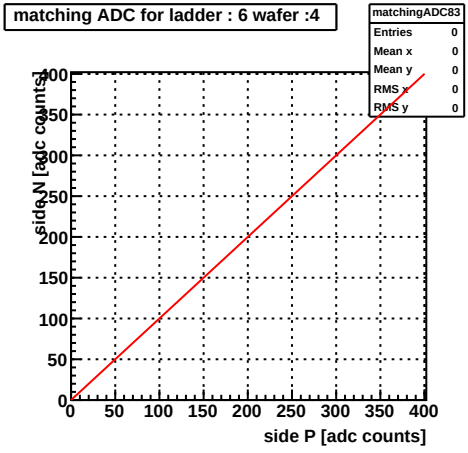

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 2004
Mean x 82.61
Mean y 51.41
RMS x 52.86
RMS y 37.44
side N [adc counts]
side P [adc counts]

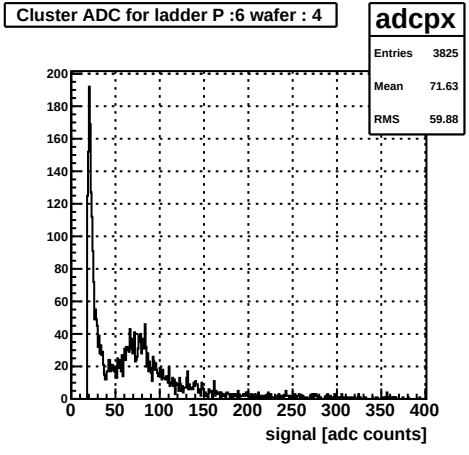

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 3955
Mean 65.83
RMS 58.07
signal [adc counts]

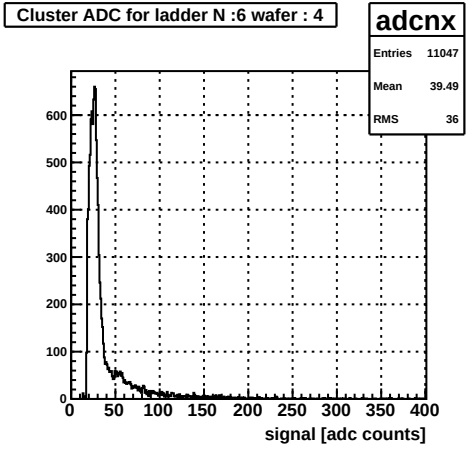

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 16880
Mean 51.11
RMS 47.99
signal [adc counts]

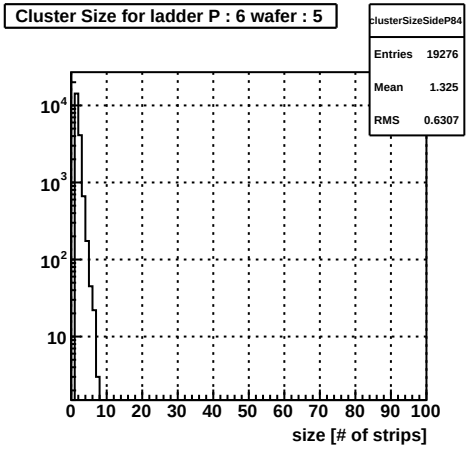

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 3825
Mean 1.291
RMS 0.5774
size [# of strips]

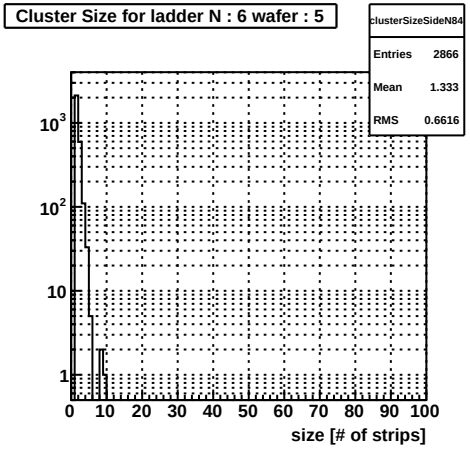

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 11047
Mean 1.186
RMS 0.5456
size [# of strips]

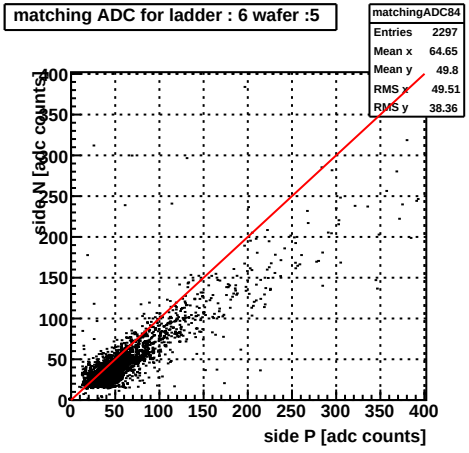

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

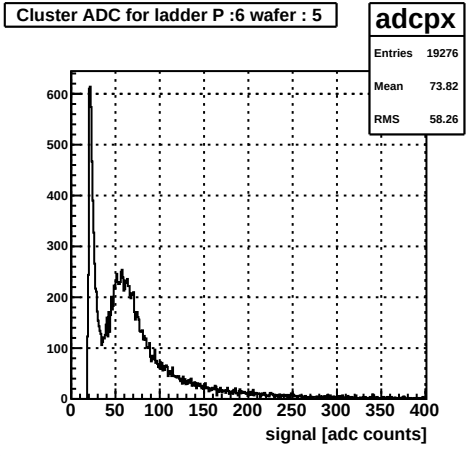

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 3825
Mean 71.63
RMS 59.88
signal [adc counts]

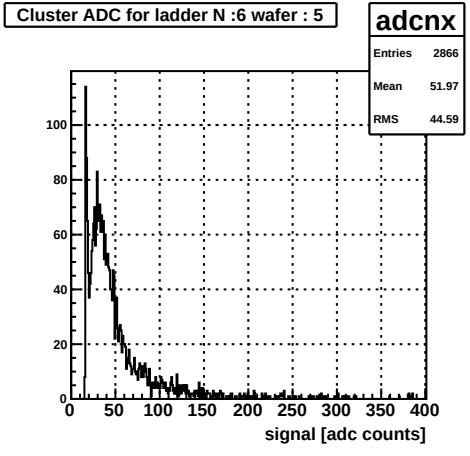

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 11047
Mean 39.49
RMS 36
signal [adc counts]

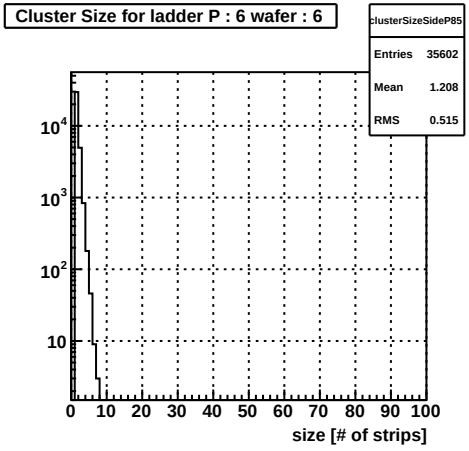

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 19276
Mean 1.325
RMS 0.6307
size [# of strips]

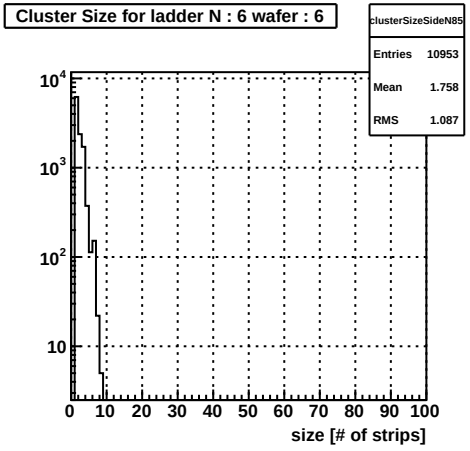

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2866
Mean 1.333
RMS 0.6616
size [# of strips]

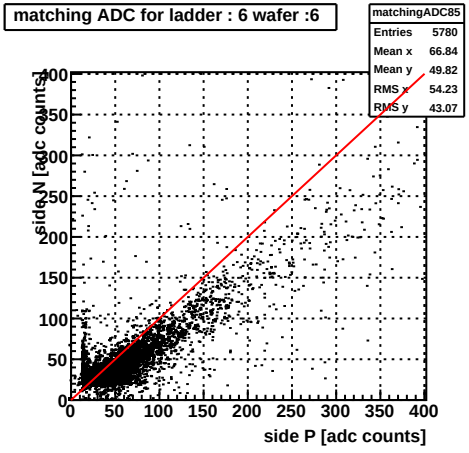

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 2297
Mean x 64.65
Mean y 49.8
RMS x 49.51
RMS y 38.36
side N [adc counts]
side P [adc counts]

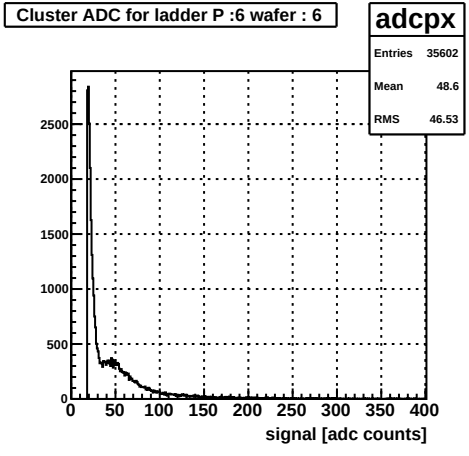

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 19276
Mean 73.82
RMS 58.26
signal [adc counts]

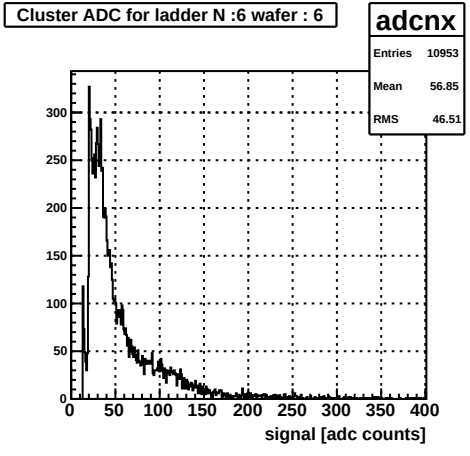

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2866
Mean 51.97
RMS 44.59
signal [adc counts]

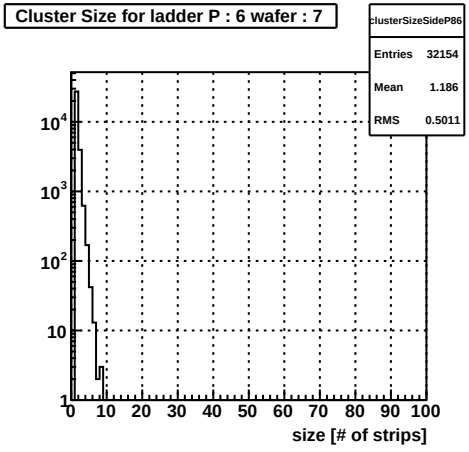

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 35602
Mean 1.208
RMS 0.515
size [# of strips]

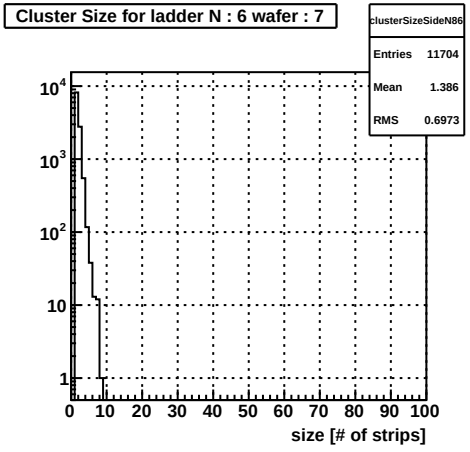

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 10953
Mean 1.758
RMS 1.087
size [# of strips]

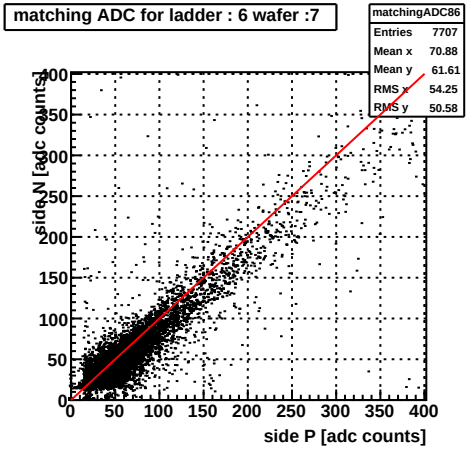

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 5780
Mean x 66.84
Mean y 49.82
RMS x 54.23
RMS y 43.07
side N [adc counts]
side P [adc counts]

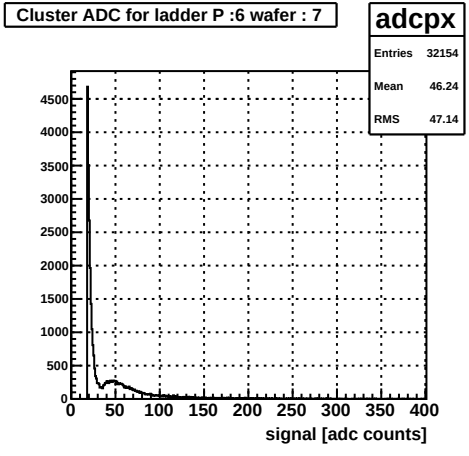

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 35602
Mean 48.6
RMS 46.53
signal [adc counts]

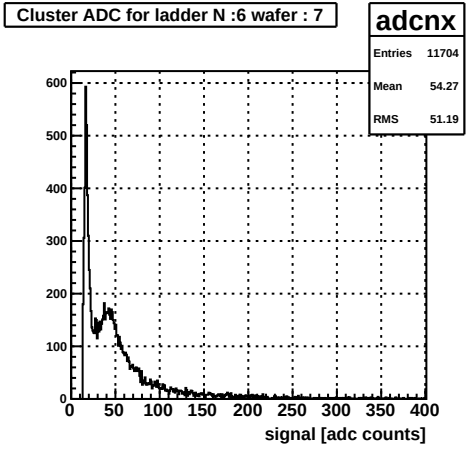

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 10953
Mean 56.85
RMS 46.51
signal [adc counts]

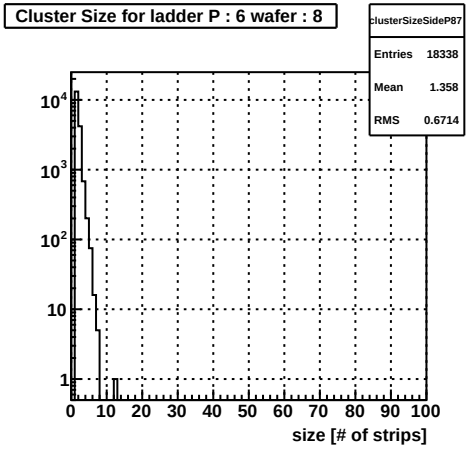

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 32154
Mean 1.186
RMS 0.5011
size [# of strips]

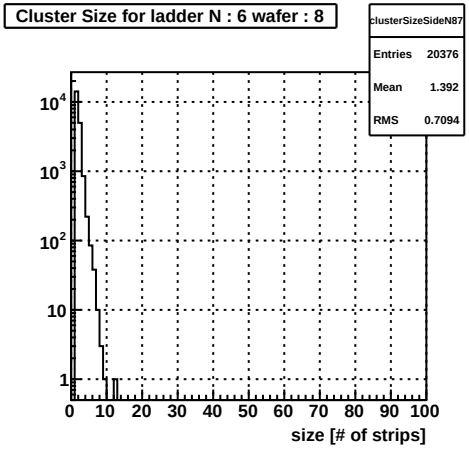

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 11704
Mean 1.386
RMS 0.6973
size [# of strips]

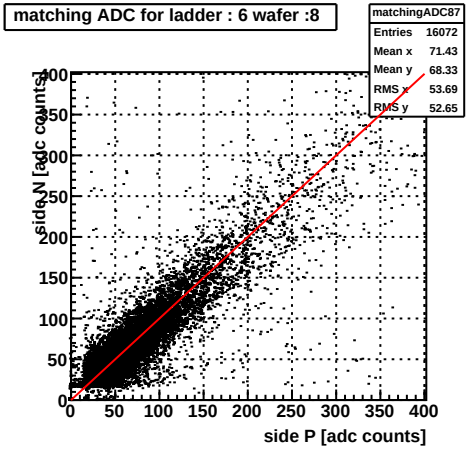

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 7707
Mean x 70.88
Mean y 61.61
RMS x 54.25
RMS y 50.58
side N [adc counts]
side P [adc counts]

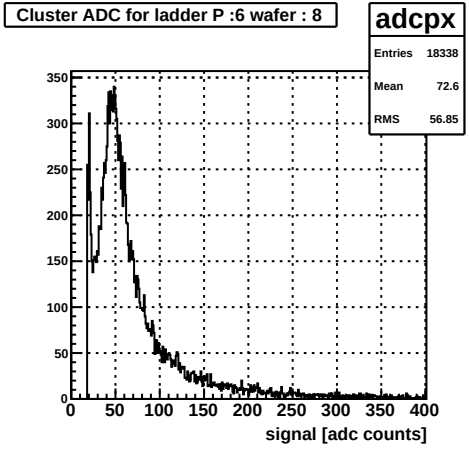

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 32154
Mean 46.24
RMS 47.14
signal [adc counts]

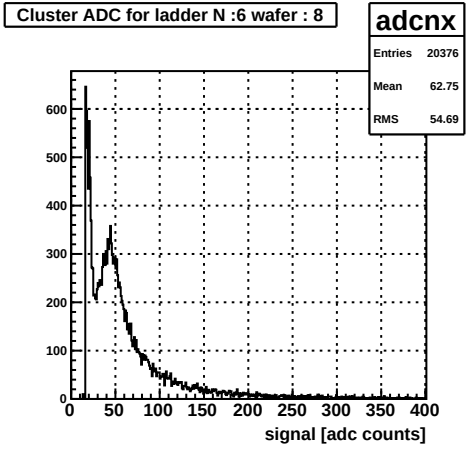

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 11704
Mean 54.27
RMS 51.19
signal [adc counts]

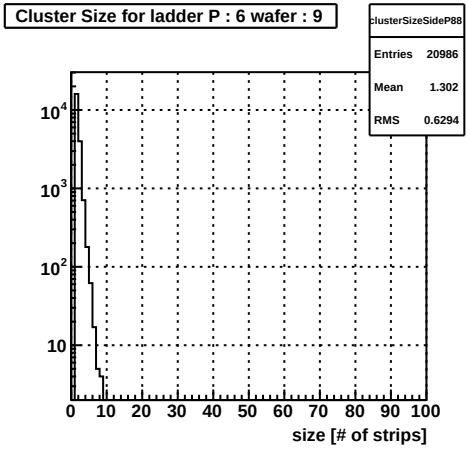

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 18338
Mean 1.358
RMS 0.6714
size [# of strips]

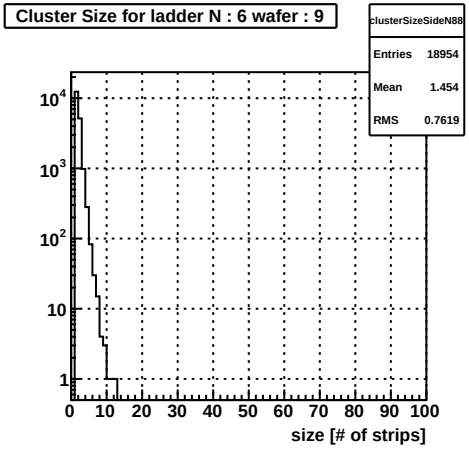

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 20376
Mean 1.392
RMS 0.7094
size [# of strips]

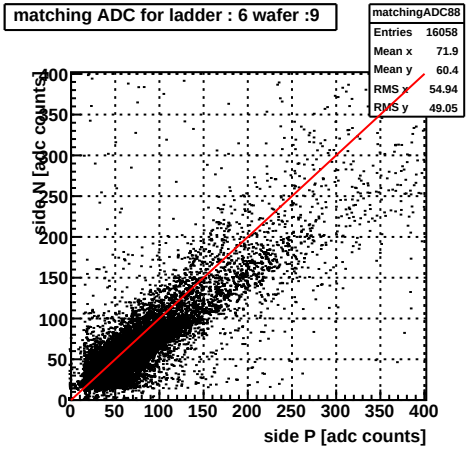

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 16072
Mean x 71.43
Mean y 68.33
RMS x 53.69
RMS y 52.65
side N [adc counts]
side P [adc counts]

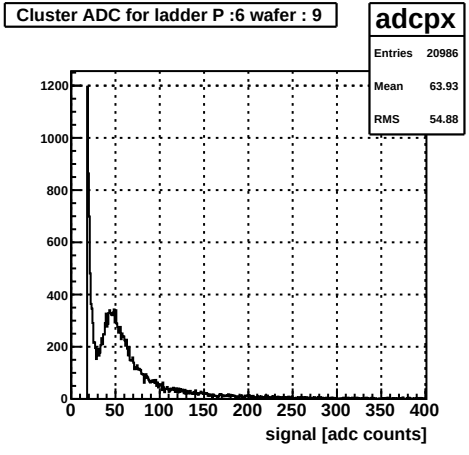

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 18338
Mean 72.6
RMS 56.85
signal [adc counts]

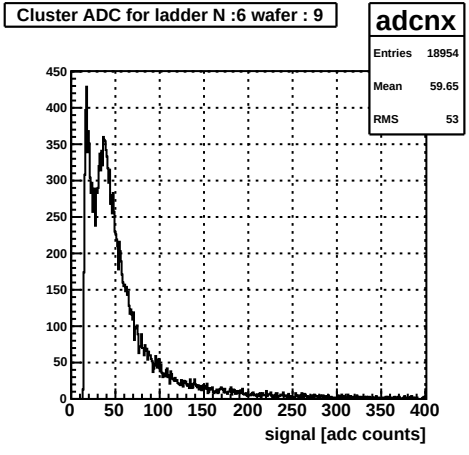

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 20376
Mean 62.75
RMS 54.69
signal [adc counts]

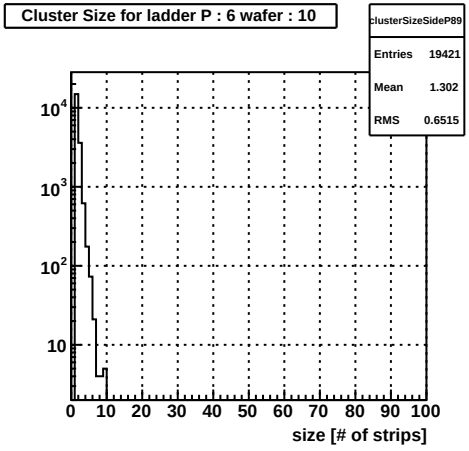

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 20986
Mean 1.302
RMS 0.6294
size [# of strips]

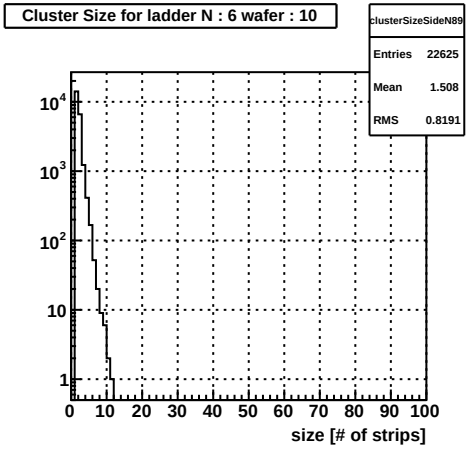

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 18954
Mean 1.454
RMS 0.7619
size [# of strips]

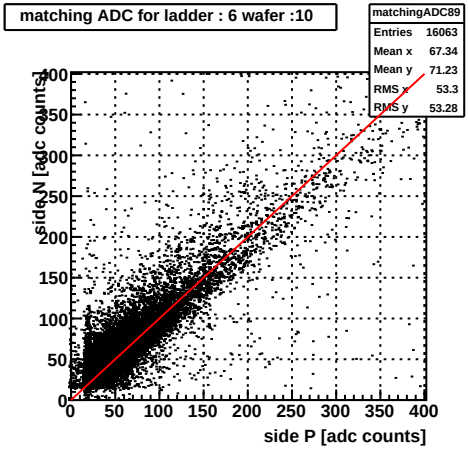

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 16058
Mean x 71.9
Mean y 60.4
RMS x 54.94
RMS y 49.05
side N [adc counts]
side P [adc counts]

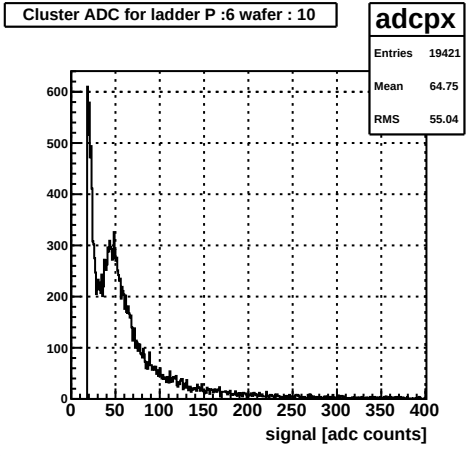

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 20986
Mean 63.93
RMS 54.88
signal [adc counts]

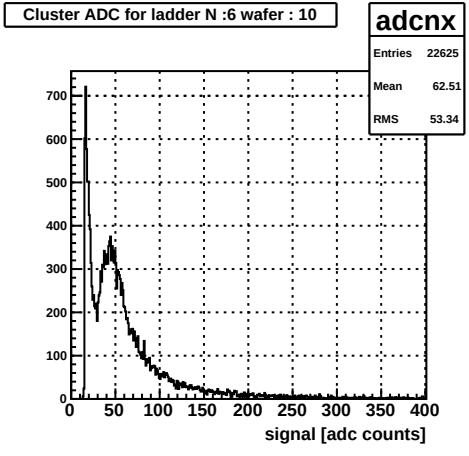

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 18954
Mean 59.65
RMS 53
signal [adc counts]

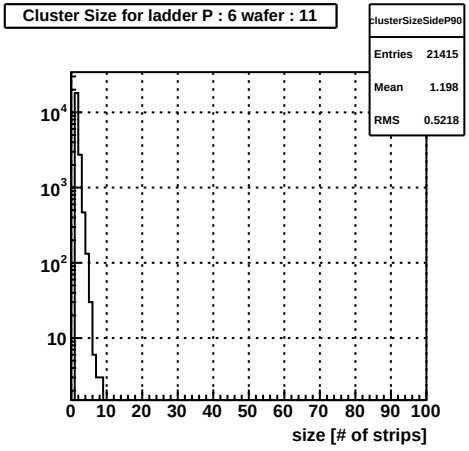

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 19421
Mean 1.302
RMS 0.6515
size [# of strips]

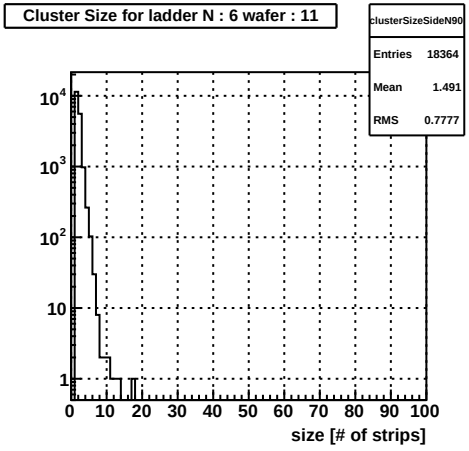

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 22625
Mean 1.508
RMS 0.8191
size [# of strips]

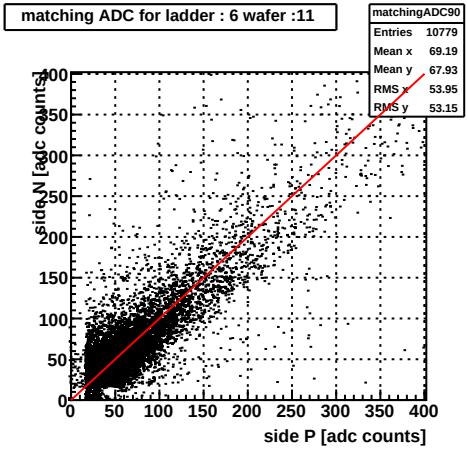

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 16063
Mean x 67.34
Mean y 71.23
RMS x 53.3
RMS y 53.28
side N [adc counts]
side P [adc counts]

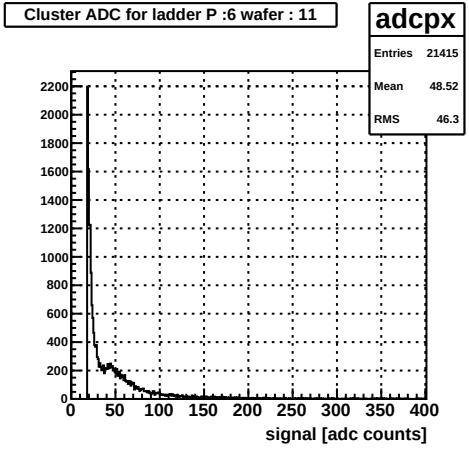

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 19421
Mean 64.75
RMS 55.04
signal [adc counts]

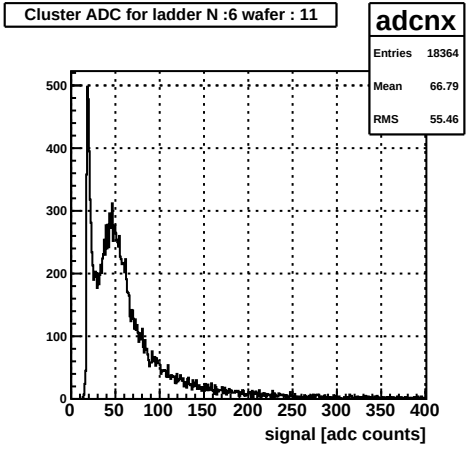

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 22625
Mean 62.51
RMS 53.34
signal [adc counts]

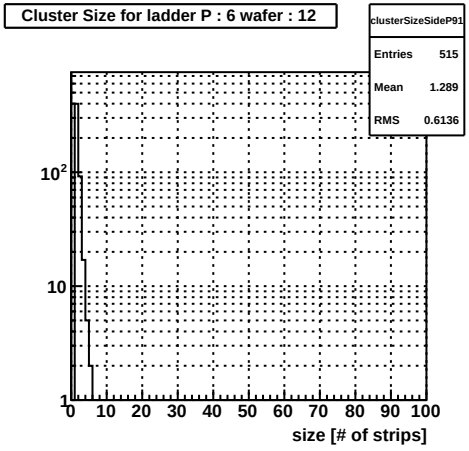

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 21415
Mean 1.198
RMS 0.5218
size [# of strips]

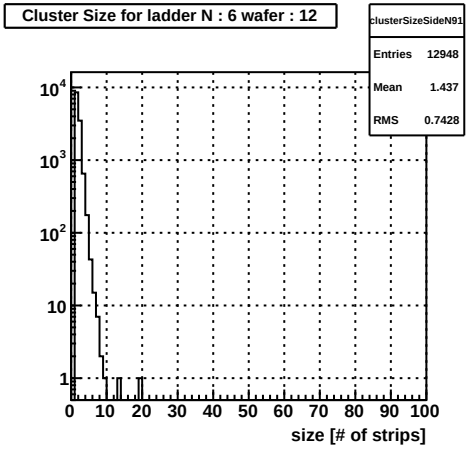

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 18364
Mean 1.491
RMS 0.7777
size [# of strips]

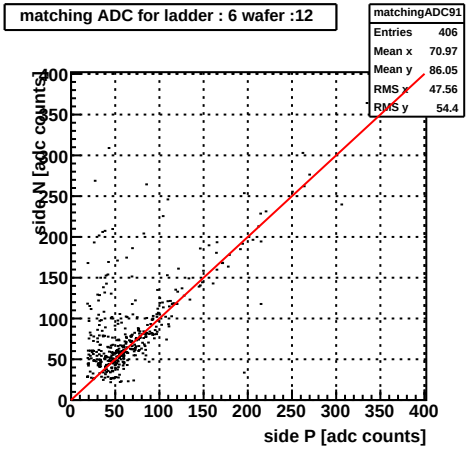

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 10779
Mean x 69.19
Mean y 67.93
RMS x 53.95
RMS y 53.15
side N [adc counts]
side P [adc counts]

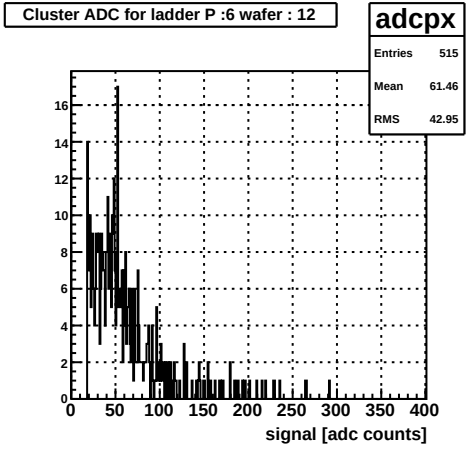

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 21415
Mean 48.52
RMS 46.3
signal [adc counts]

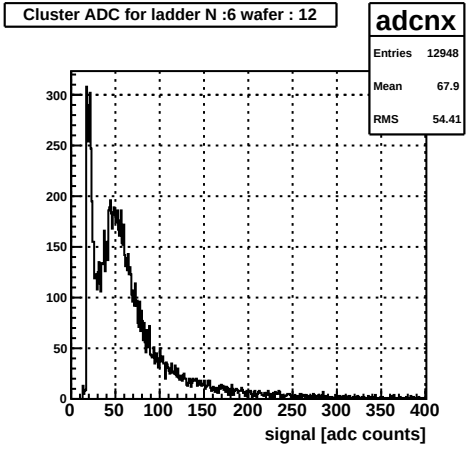

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 18364
Mean 66.79
RMS 55.46
signal [adc counts]

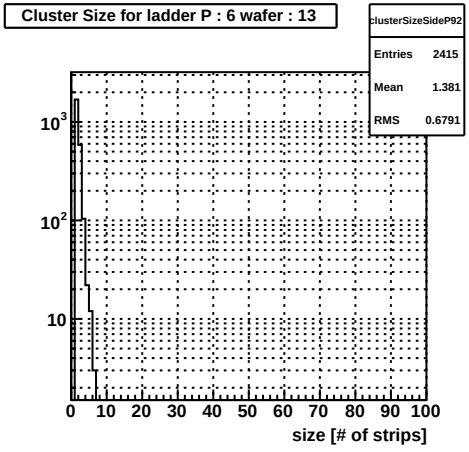

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 515
Mean 1.289
RMS 0.6136
size [# of strips]

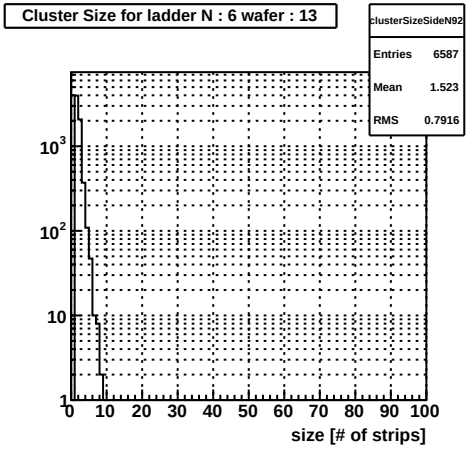

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 12948
Mean 1.437
RMS 0.7428
size [# of strips]

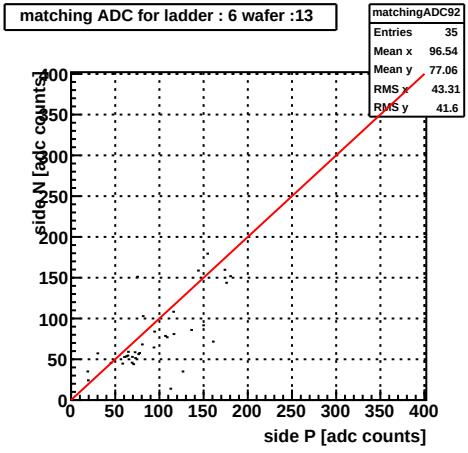

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 406
Mean x 70.97
Mean y 86.05
RMS x 47.56
RMS y 54.4
side N [adc counts]
side P [adc counts]

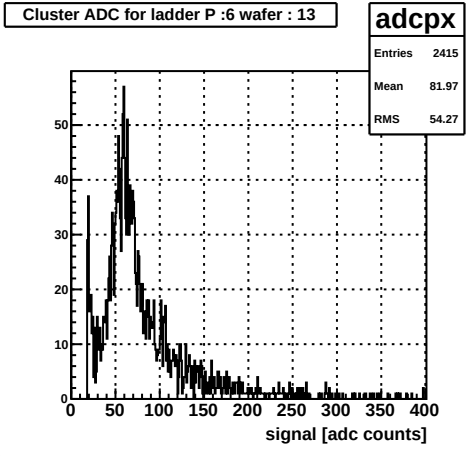

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 515
Mean 61.46
RMS 42.95
signal [adc counts]

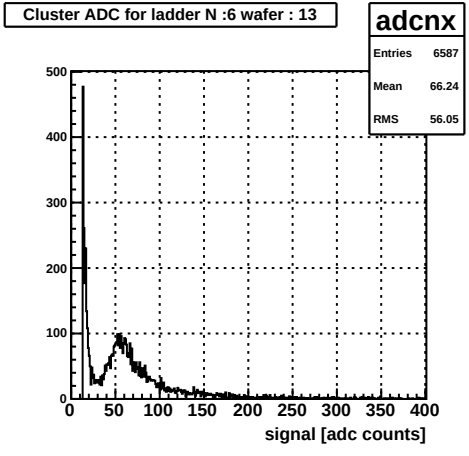

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 12948
Mean 67.9
RMS 54.41
signal [adc counts]

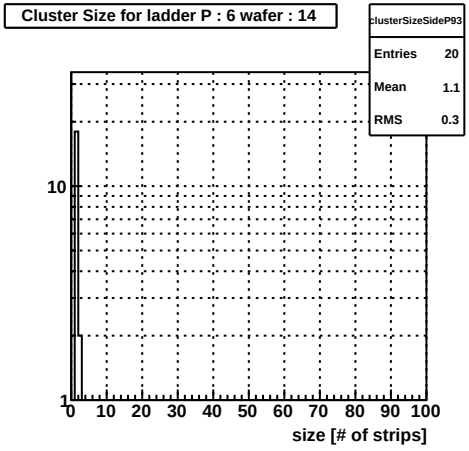

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2415
Mean 1.381
RMS 0.6791
size [# of strips]

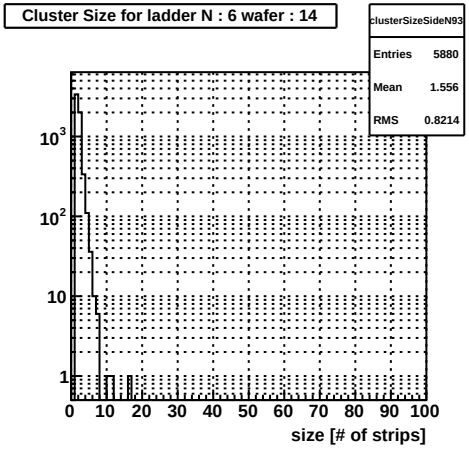

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 6587
Mean 1.523
RMS 0.7916
size [# of strips]

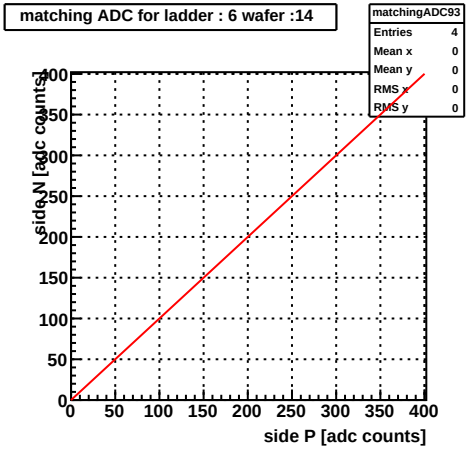

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 35
Mean x 96.54
Mean y 77.06
RMS x 43.31
RMS y 41.6
side N [adc counts]
side P [adc counts]

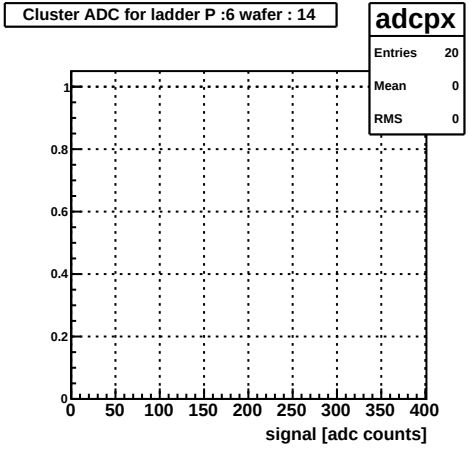

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2415
Mean 81.97
RMS 54.27
signal [adc counts]

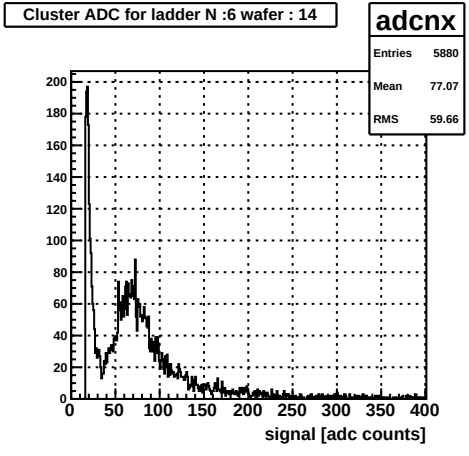

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 6587
Mean 66.24
RMS 56.05
signal [adc counts]

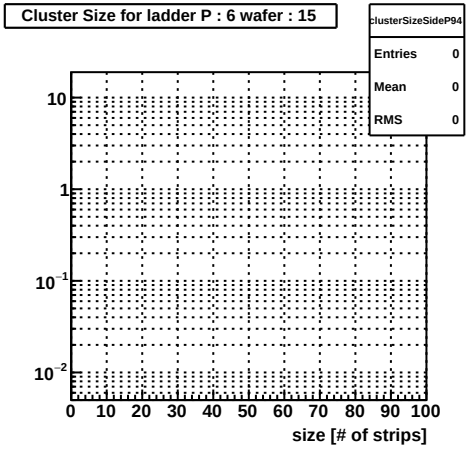

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 20
Mean 1.1
RMS 0.3
size [# of strips]

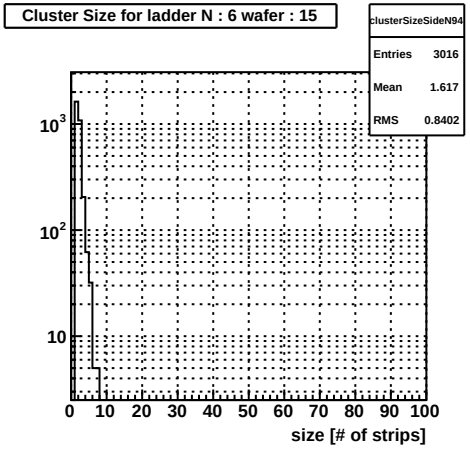

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 5880
Mean 1.556
RMS 0.8214
size [# of strips]

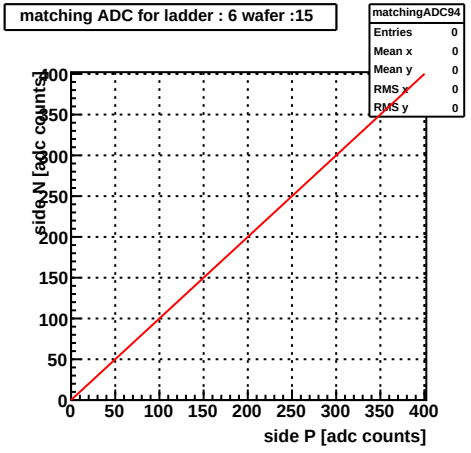

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

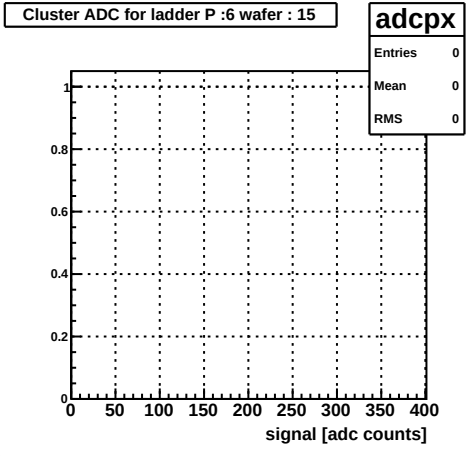

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 20
Mean 0
RMS 0
signal [adc counts]

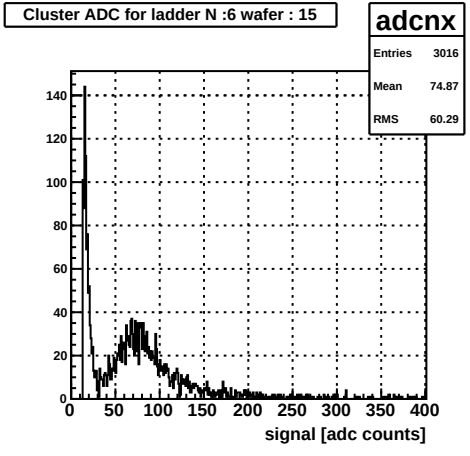

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 5880
Mean 77.07
RMS 59.66
signal [adc counts]

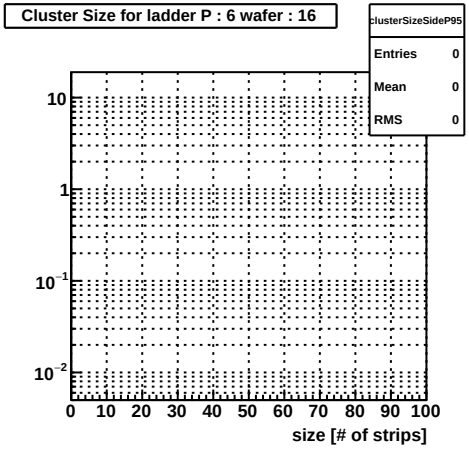

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

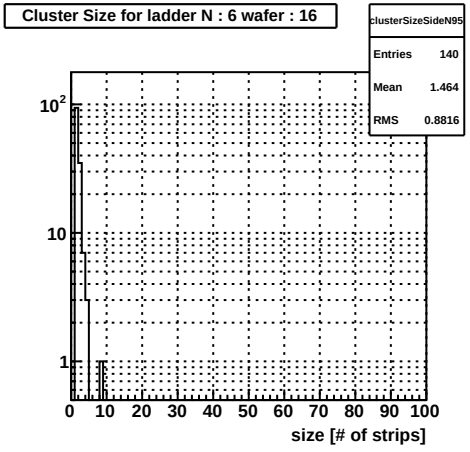

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3016
Mean 1.617
RMS 0.8402
size [# of strips]

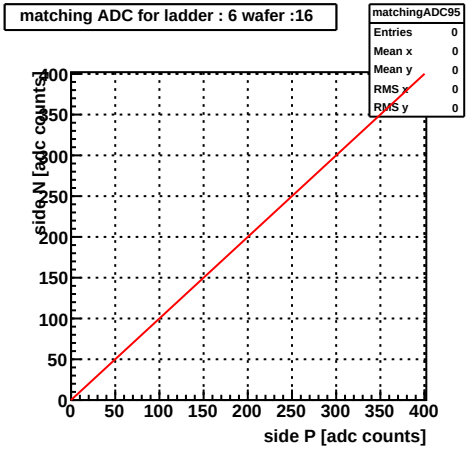

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

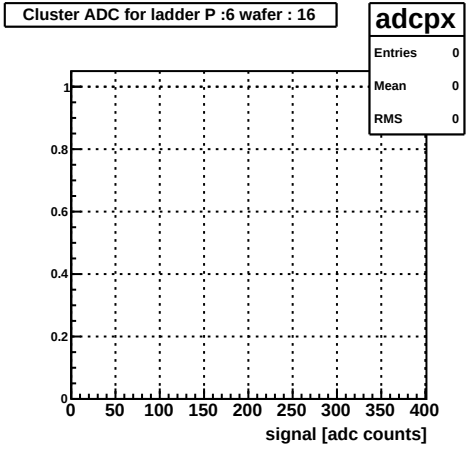

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

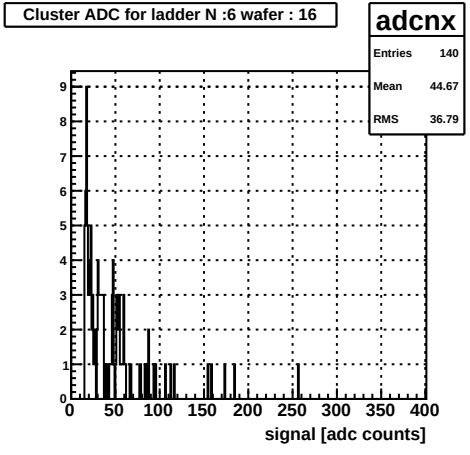

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3016
Mean 74.87
RMS 60.29
signal [adc counts]

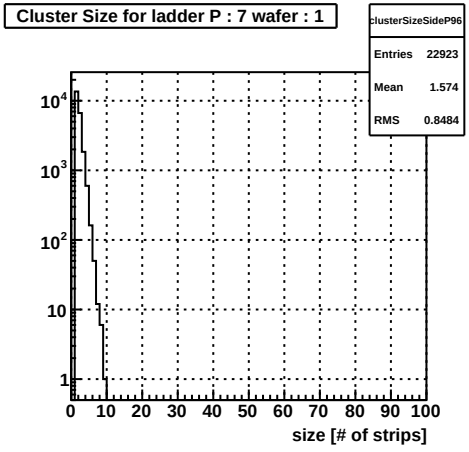

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

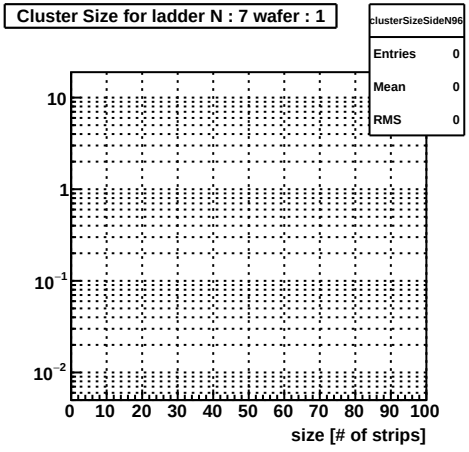

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 140
Mean 1.464
RMS 0.8816
size [# of strips]

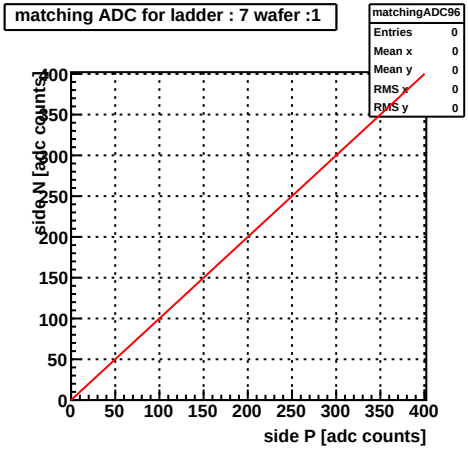

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

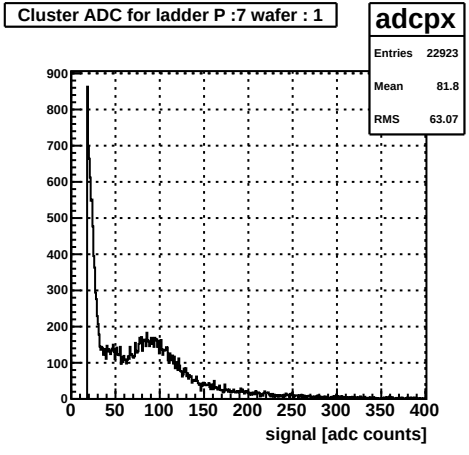

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

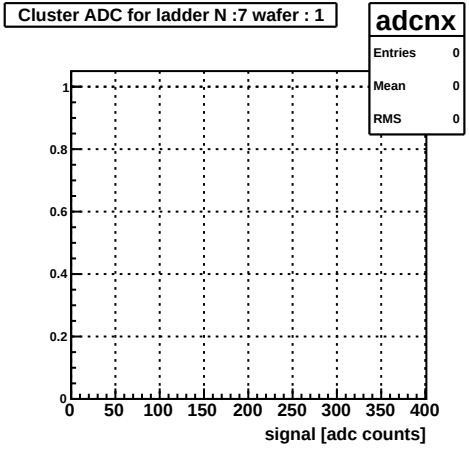

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 140
Mean 44.67
RMS 36.79
signal [adc counts]

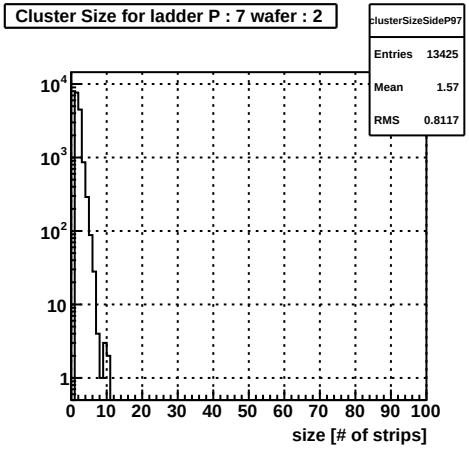

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 22923
Mean 1.574
RMS 0.8484
size [# of strips]

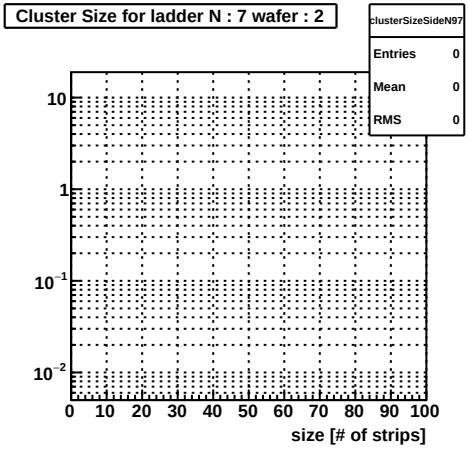

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

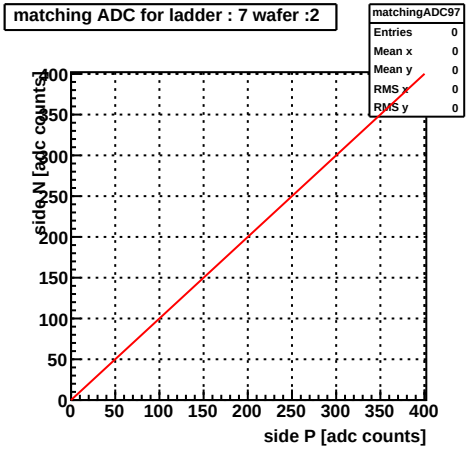

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

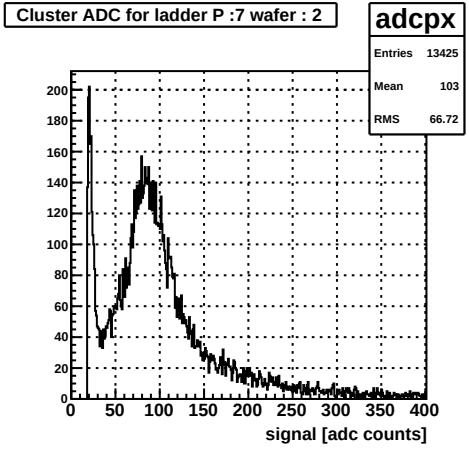

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 22923
Mean 81.8
RMS 63.07
signal [adc counts]

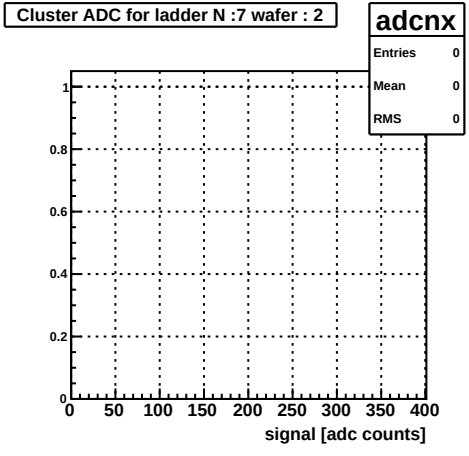

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

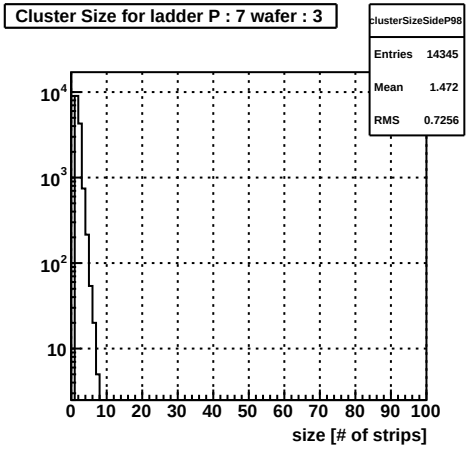

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 13425
Mean 1.57
RMS 0.8117
size [# of strips]

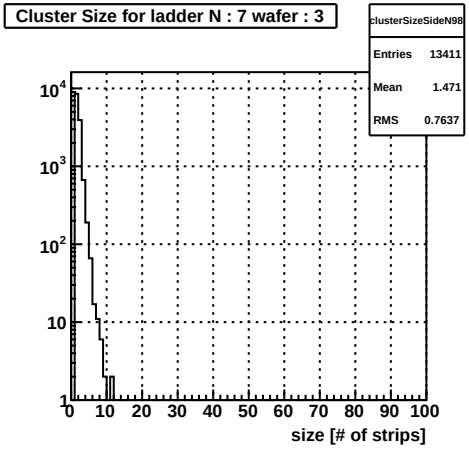

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

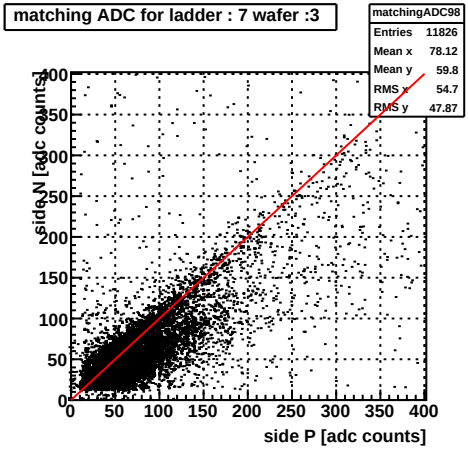

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

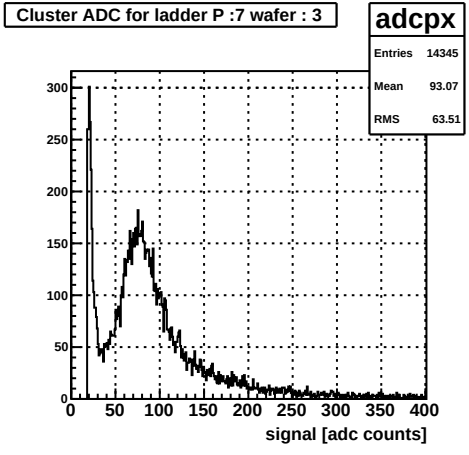

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 13425
Mean 103
RMS 66.72
signal [adc counts]

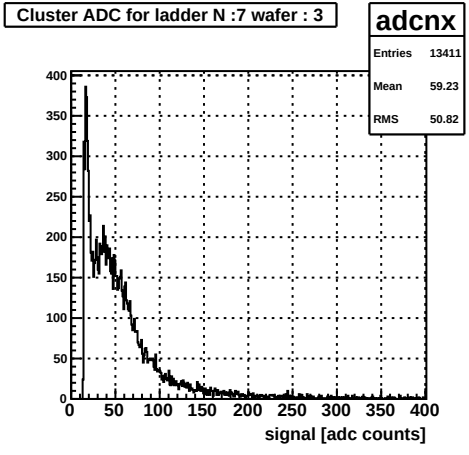

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

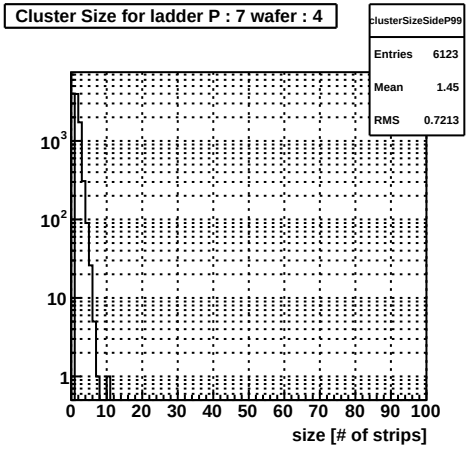

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 14345
Mean 1.472
RMS 0.7256
size [# of strips]

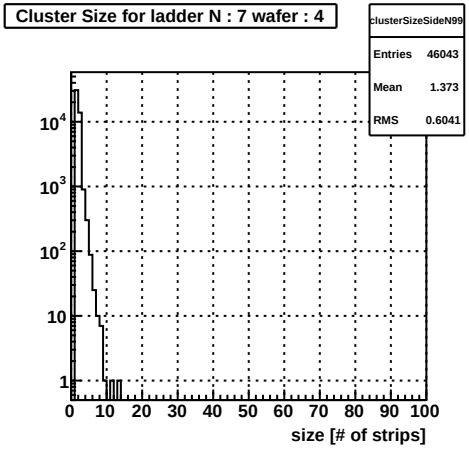

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 13411
Mean 1.471
RMS 0.7637
size [# of strips]

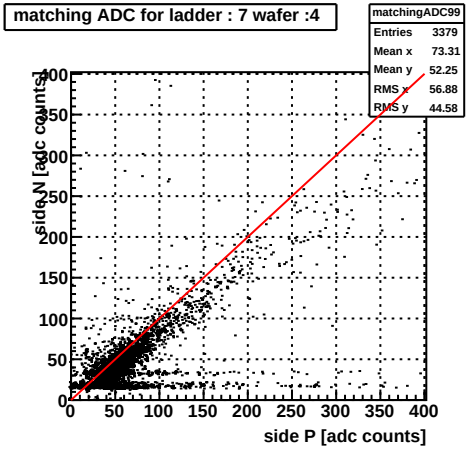

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 11826
Mean x 78.12
Mean y 59.8
RMS x 54.7
RMS y 47.87
side N [adc counts]
side P [adc counts]

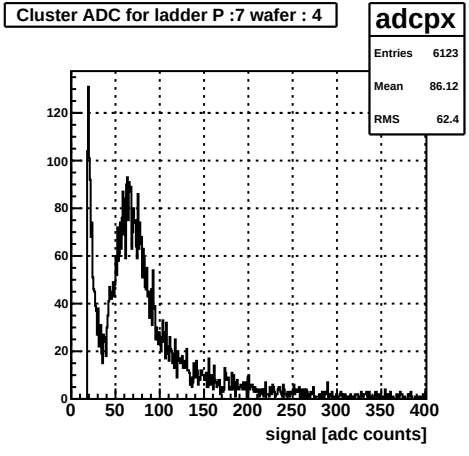

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 14345
Mean 93.07
RMS 63.51
signal [adc counts]

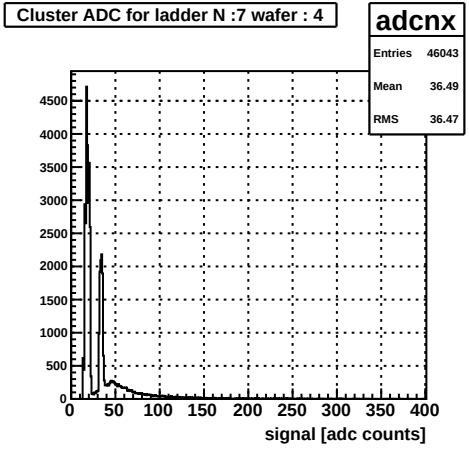

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 13411
Mean 59.23
RMS 50.82
signal [adc counts]

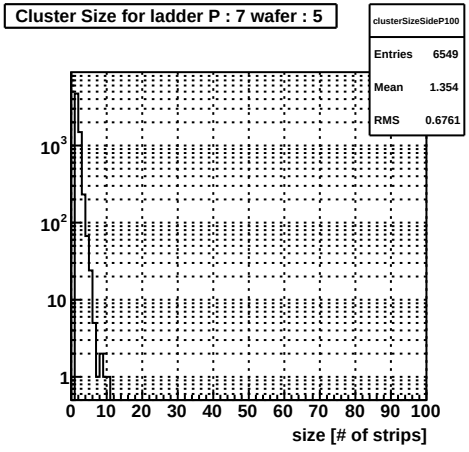

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 6123
Mean 1.45
RMS 0.7213
size [# of strips]

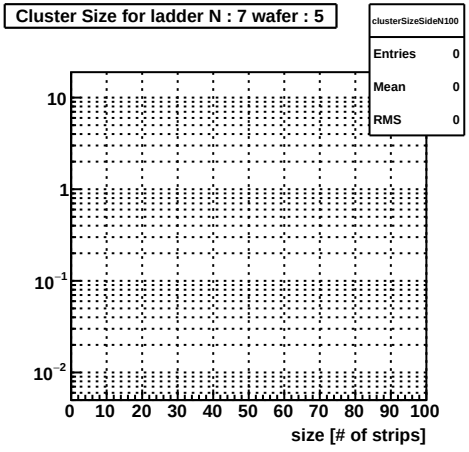

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 46043
Mean 1.373
RMS 0.6041
size [# of strips]

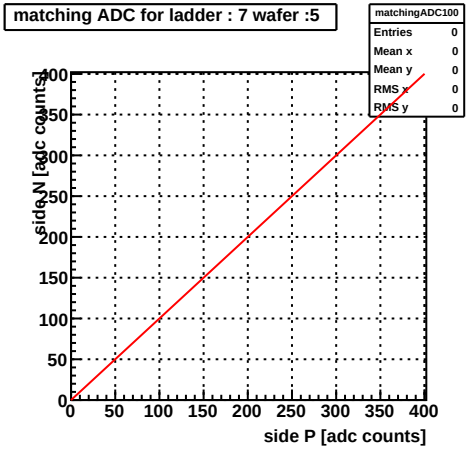

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 3379
Mean x 73.31
Mean y 52.25
RMS x 56.88
RMS y 44.58
side N [adc counts]
side P [adc counts]

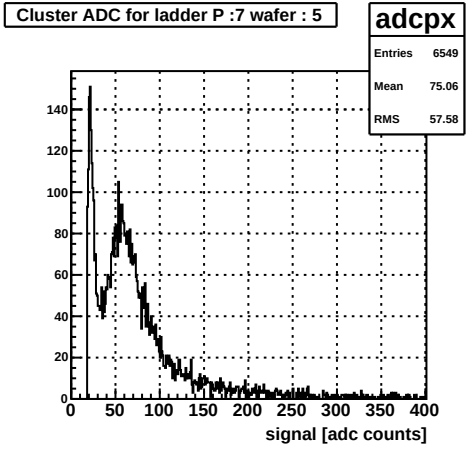

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 6123
Mean 86.12
RMS 62.4
signal [adc counts]

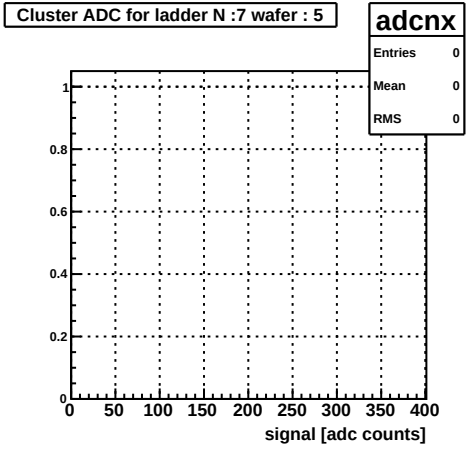

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 46043
Mean 36.49
RMS 36.47
signal [adc counts]

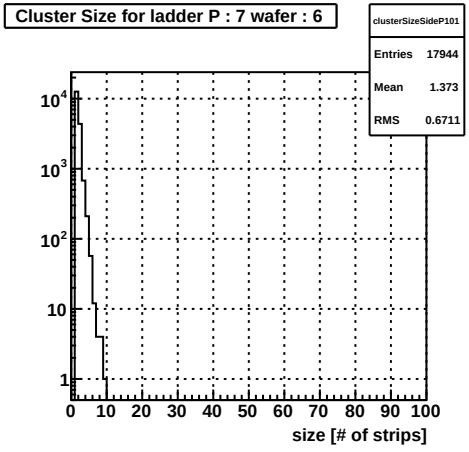

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 6549
Mean 1.354
RMS 0.6761
size [# of strips]

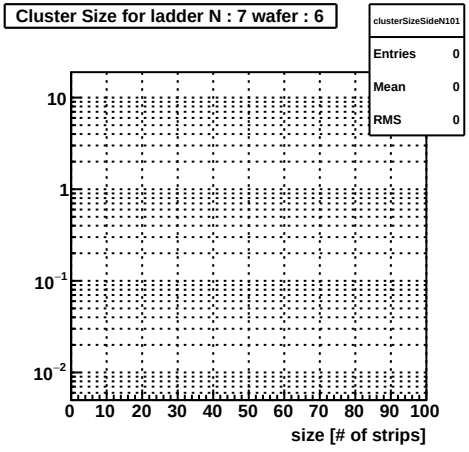

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

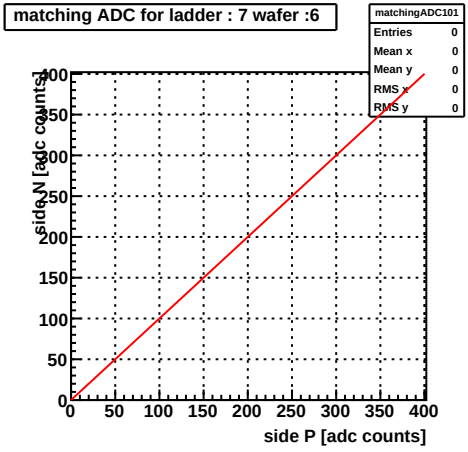

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

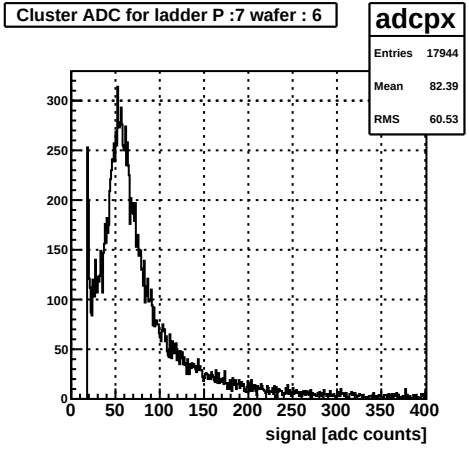

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 6549
Mean 75.06
RMS 57.58
signal [adc counts]

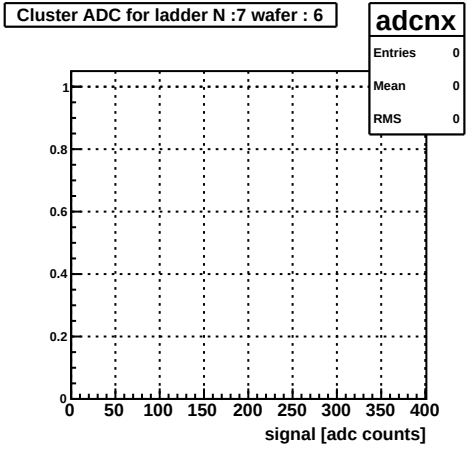

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

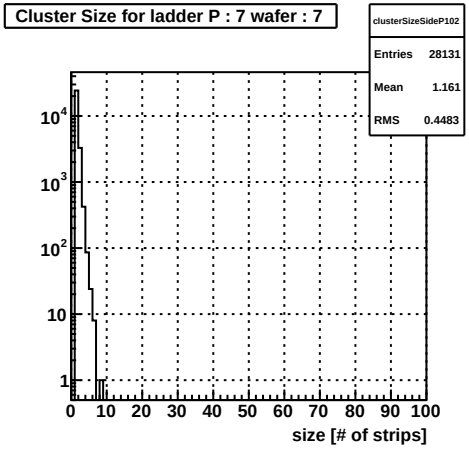

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 17944
Mean 1.373
RMS 0.6711
size [# of strips]

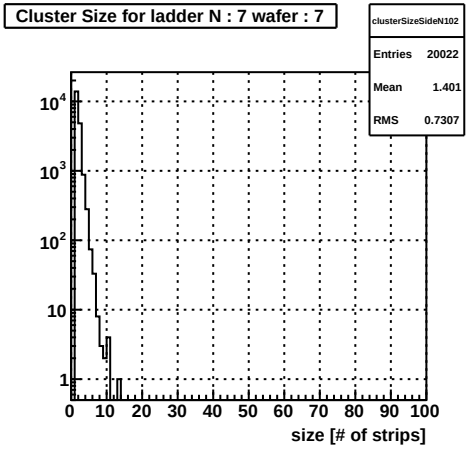

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

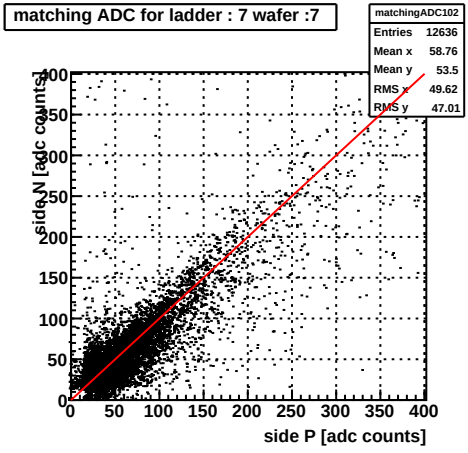

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

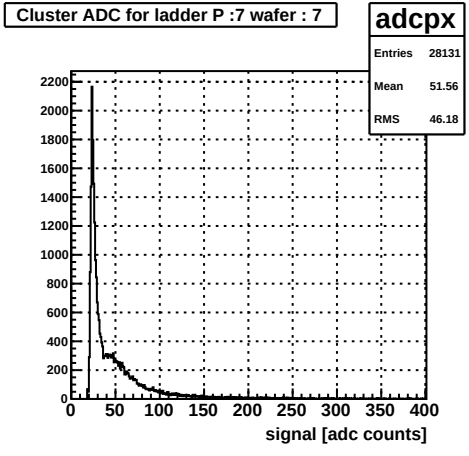

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 17944
Mean 82.39
RMS 60.53
signal [adc counts]

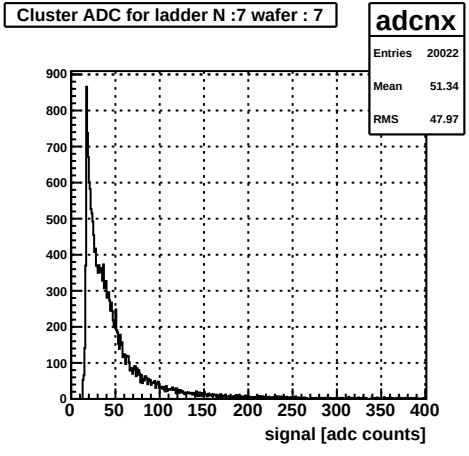

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

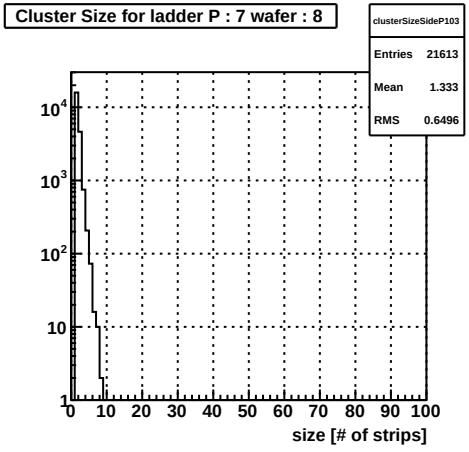

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 28131
Mean 1.161
RMS 0.4483
size [# of strips]

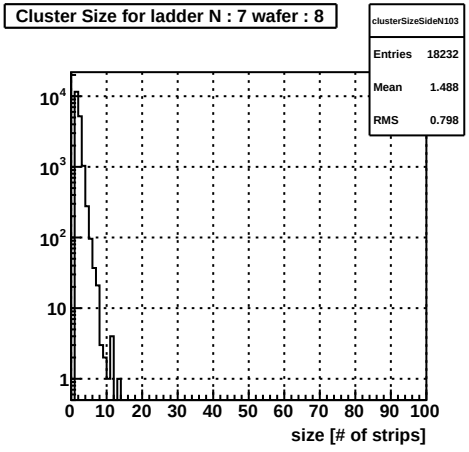

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 20022
Mean 1.401
RMS 0.7307
size [# of strips]

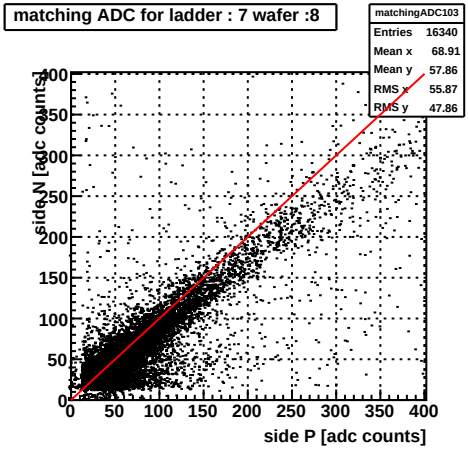

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 12636
Mean x 58.76
Mean y 53.5
RMS x 49.62
RMS y 47.01
side N [adc counts]
side P [adc counts]

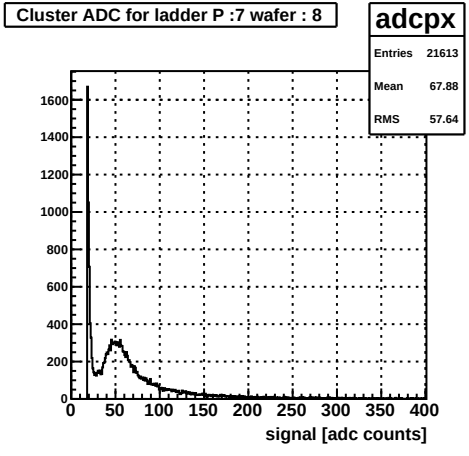

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 28131
Mean 51.56
RMS 46.18
signal [adc counts]

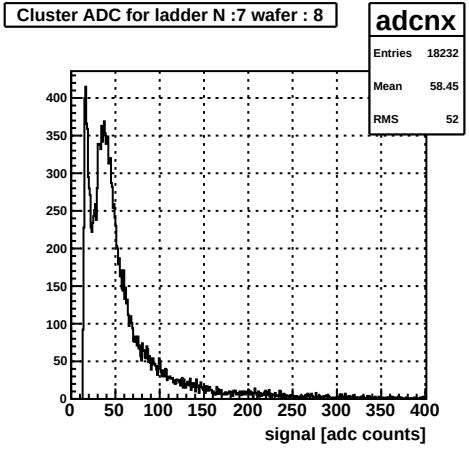

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 20022
Mean 51.34
RMS 47.97
signal [adc counts]

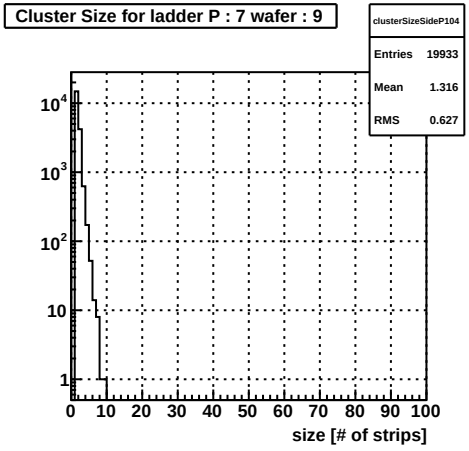

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 21613
Mean 1.333
RMS 0.6496
size [# of strips]

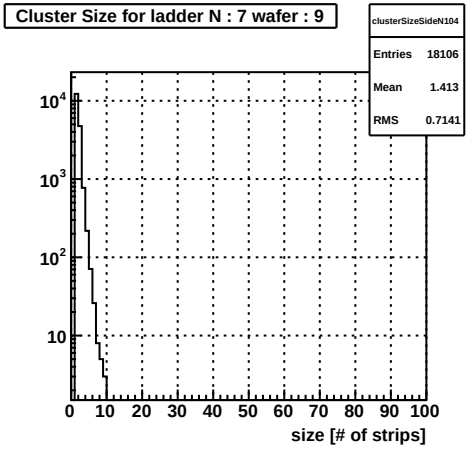

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 18232
Mean 1.488
RMS 0.798
size [# of strips]

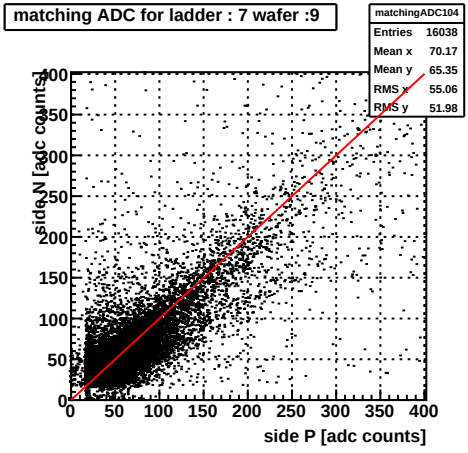

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 16340
Mean x 68.91
Mean y 57.86
RMS x 55.87
RMS y 47.86
side N [adc counts]
side P [adc counts]

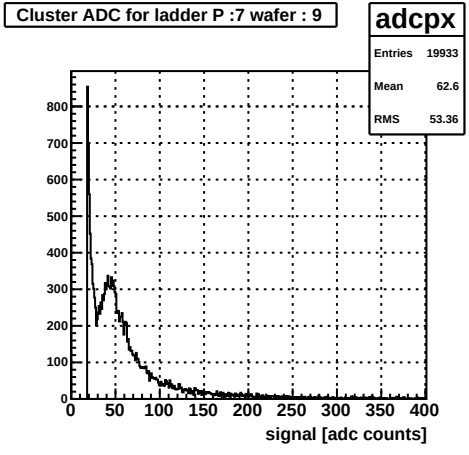

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 21613
Mean 67.88
RMS 57.64
signal [adc counts]

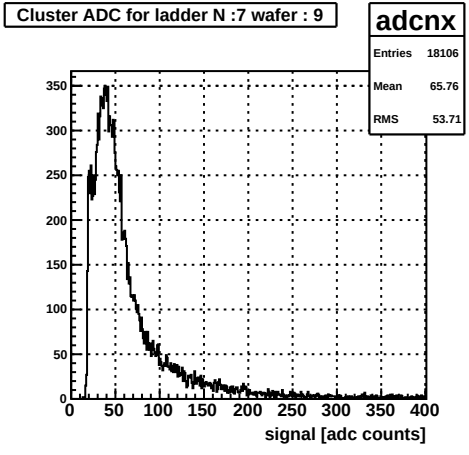

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 18232
Mean 58.45
RMS 52
signal [adc counts]

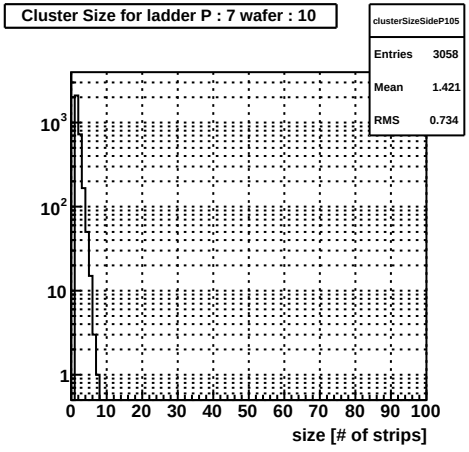

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 19933
Mean 1.316
RMS 0.627
size [# of strips]

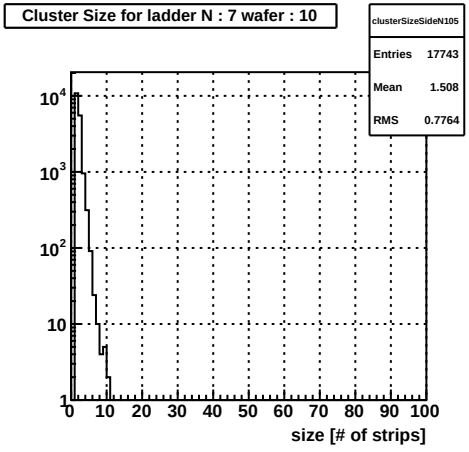

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 18106
Mean 1.413
RMS 0.7141
size [# of strips]

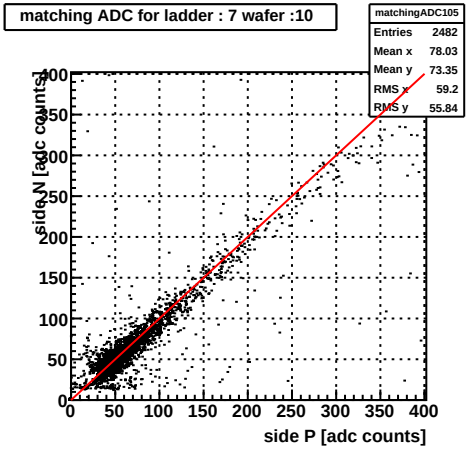

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 16038
Mean x 70.17
Mean y 65.35
RMS x 55.06
RMS y 51.98
side N [adc counts]
side P [adc counts]

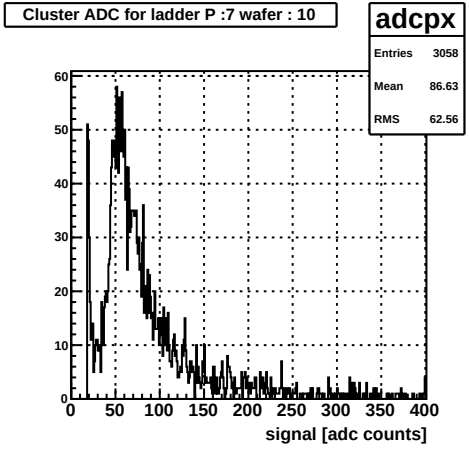

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 19933
Mean 62.6
RMS 53.36
signal [adc counts]

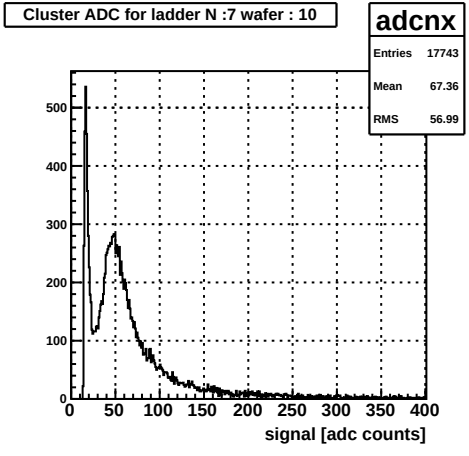

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 18106
Mean 65.76
RMS 53.71
signal [adc counts]

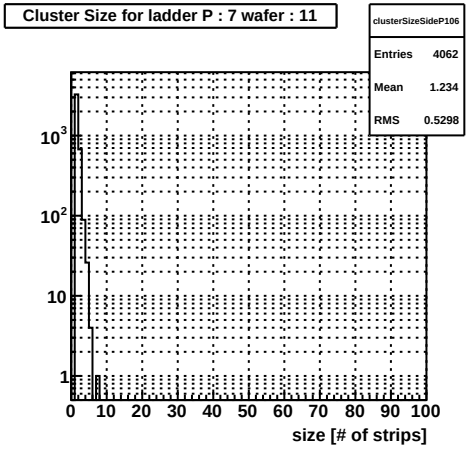

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 3058
Mean 1.421
RMS 0.734
size [# of strips]

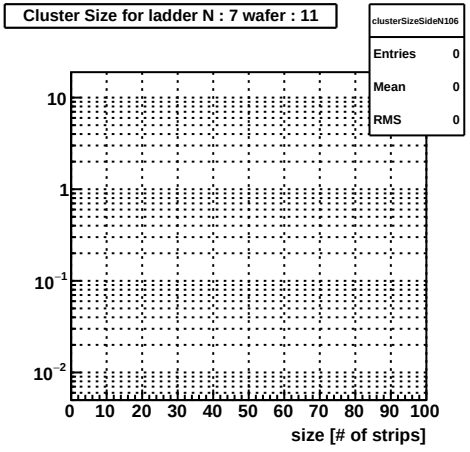

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 17743
Mean 1.508
RMS 0.7764
size [# of strips]

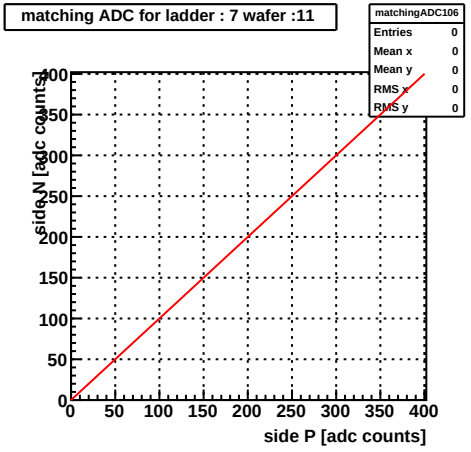

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2482
Mean x 78.03
Mean y 73.35
RMS x 59.2
RMS y 55.84
side N [adc counts]
side P [adc counts]

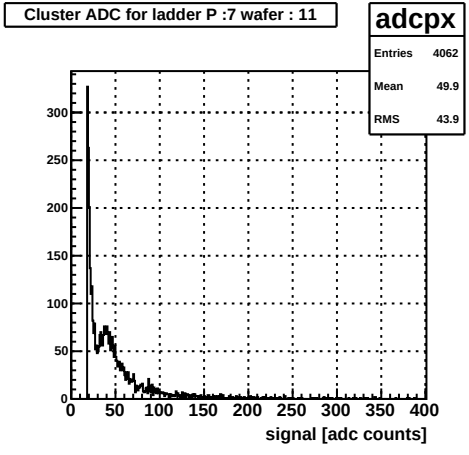

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 3058
Mean 86.63
RMS 62.56
signal [adc counts]

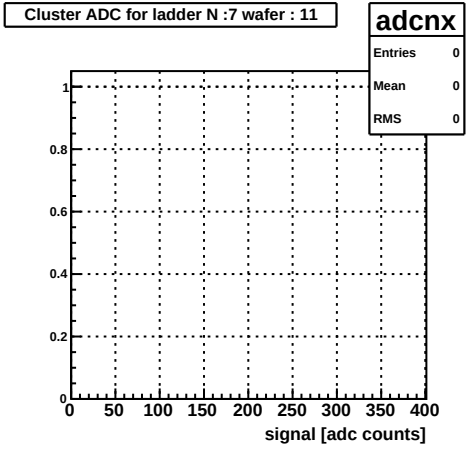

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 17743
Mean 67.36
RMS 56.99
signal [adc counts]

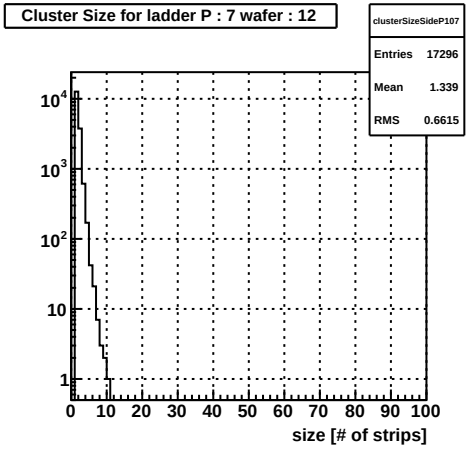

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 4062
Mean 1.234
RMS 0.5298
size [# of strips]

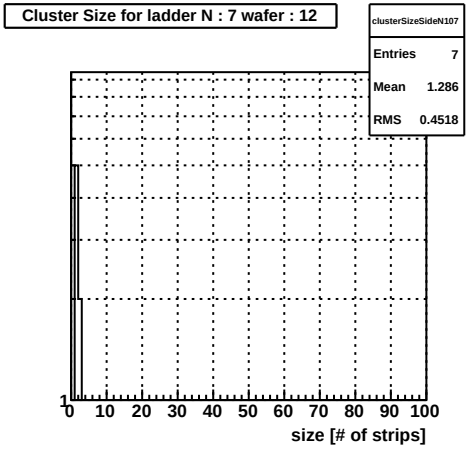

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 0
Mean 0
RMS 0
size [# of strips]

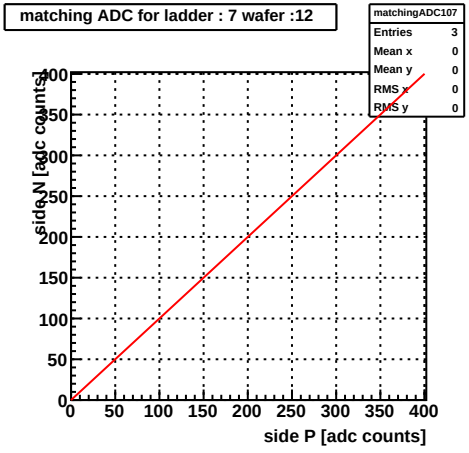

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

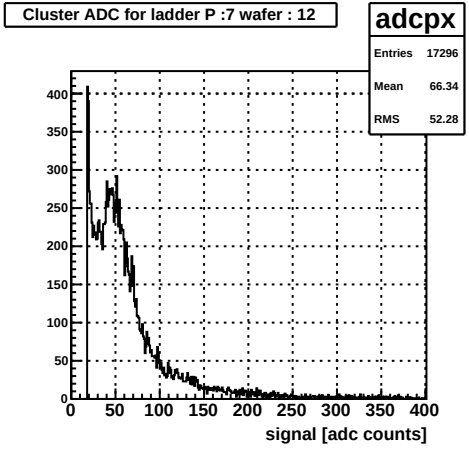

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 4062
Mean 49.9
RMS 43.9
signal [adc counts]

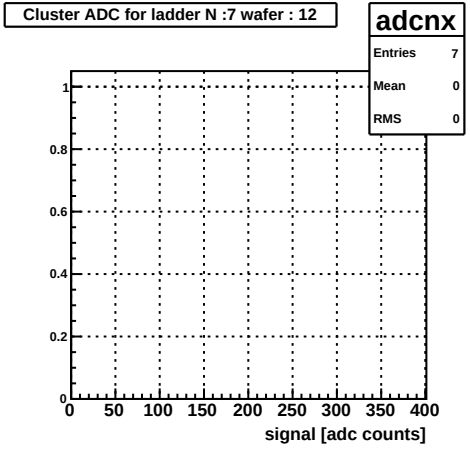

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

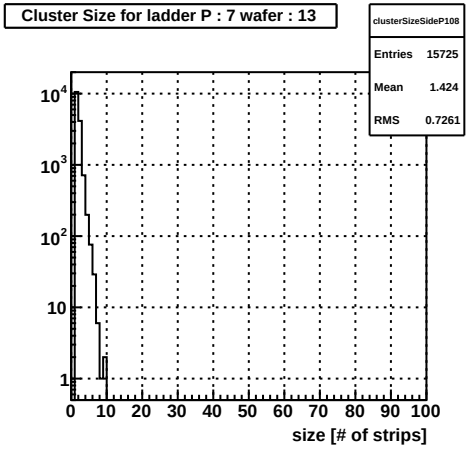

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 17296
Mean 1.339
RMS 0.6615
size [# of strips]

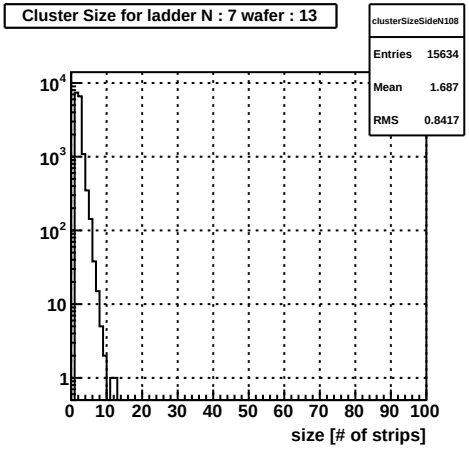

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 7
Mean 1.286
RMS 0.4518
size [# of strips]

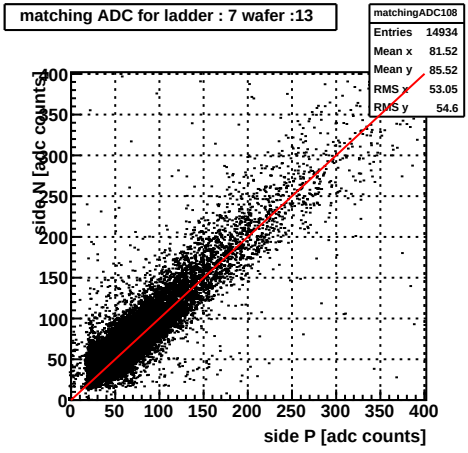

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

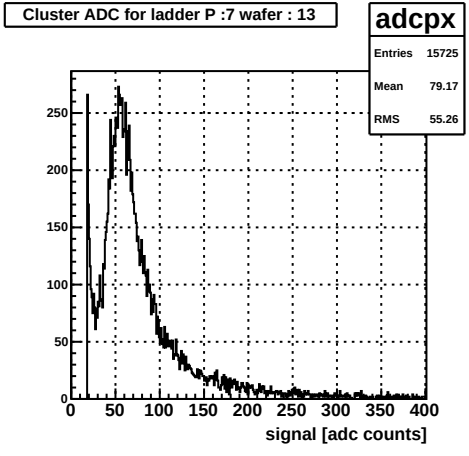

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 17296
Mean 66.34
RMS 52.28
signal [adc counts]

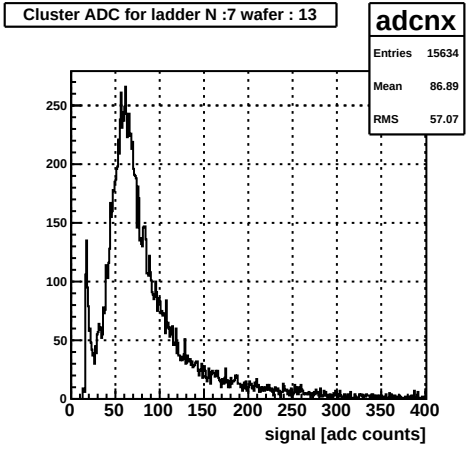

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 7
Mean 0
RMS 0
signal [adc counts]

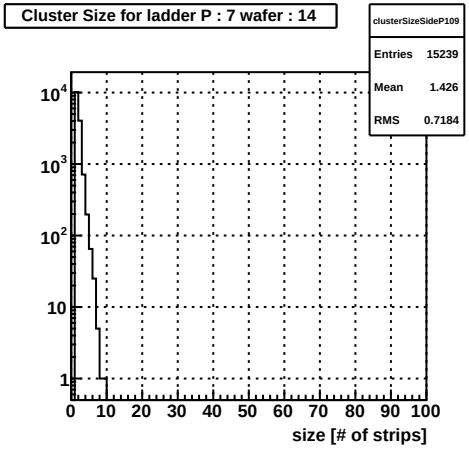

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 15725
Mean 1.424
RMS 0.7261
size [# of strips]

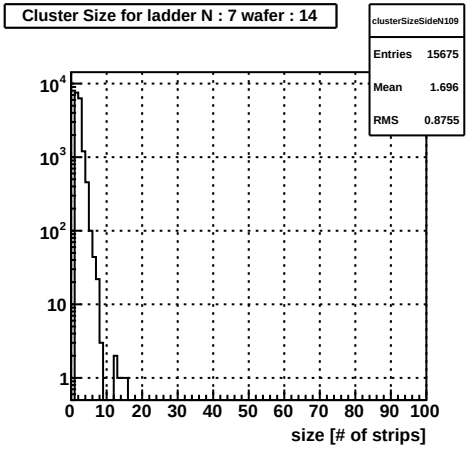

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 15634
Mean 1.687
RMS 0.8417
size [# of strips]

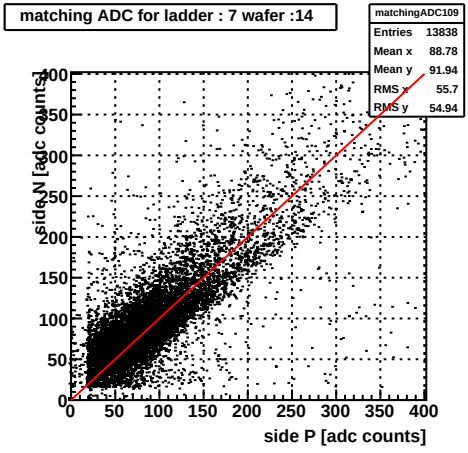

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 14934
Mean x 81.52
Mean y 85.52
RMS x 53.05
RMS y 54.6
side N [adc counts]
side P [adc counts]

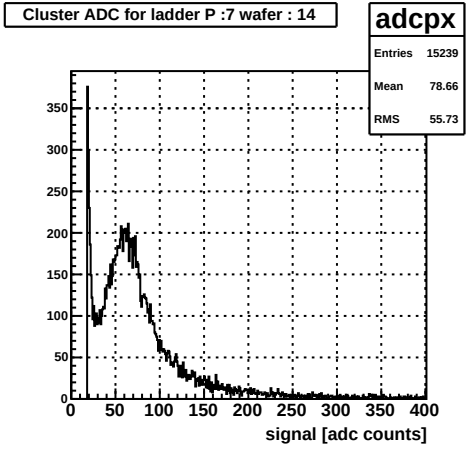

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 15725
Mean 79.17
RMS 55.26
signal [adc counts]

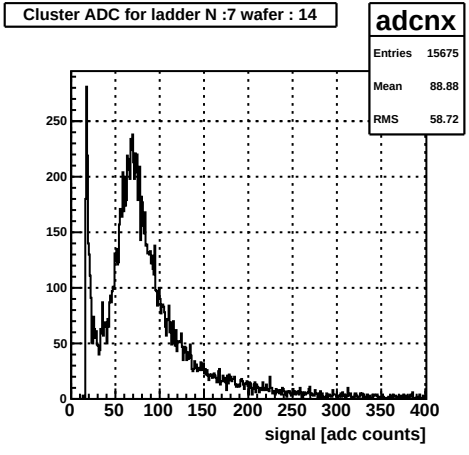

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 15634
Mean 86.89
RMS 57.07
signal [adc counts]

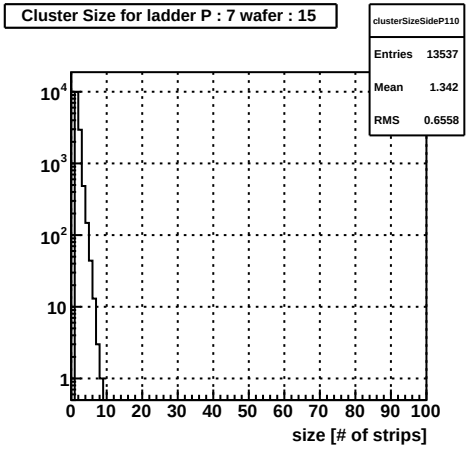

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 15239
Mean 1.426
RMS 0.7184
size [# of strips]

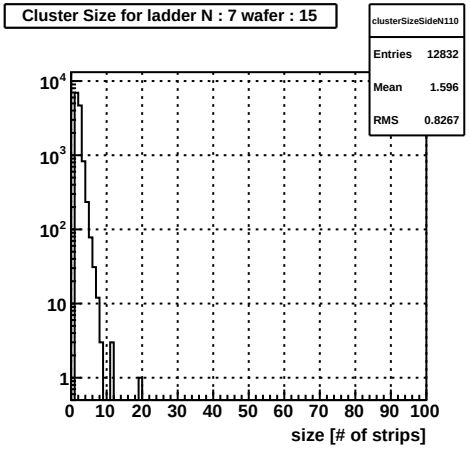

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 15675
Mean 1.696
RMS 0.8755
size [# of strips]

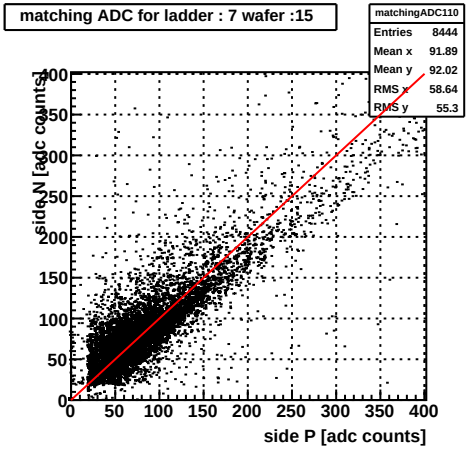

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 13838
Mean x 88.78
Mean y 91.94
RMS x 55.7
RMS y 54.94
side N [adc counts]
side P [adc counts]

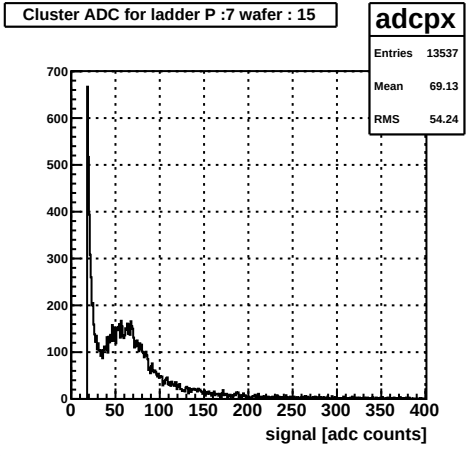

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 15239
Mean 78.66
RMS 55.73
signal [adc counts]

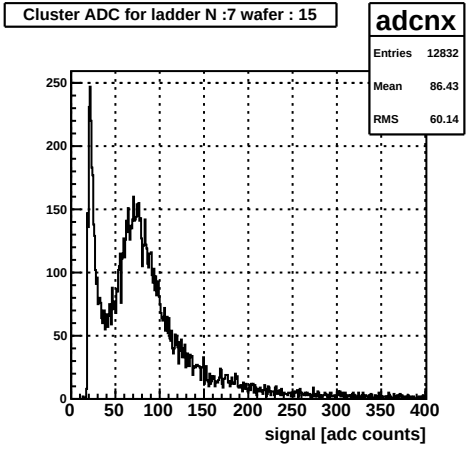

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 15675
Mean 88.88
RMS 58.72
signal [adc counts]

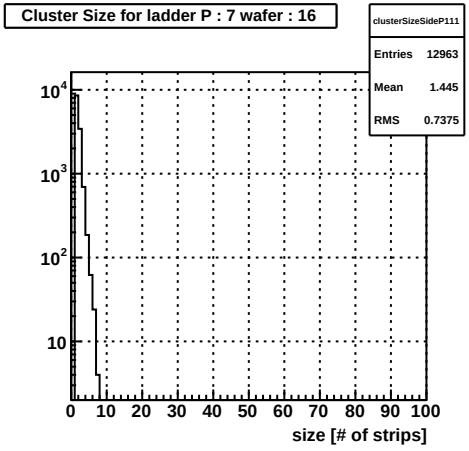

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 13537
Mean 1.342
RMS 0.6558
size [# of strips]

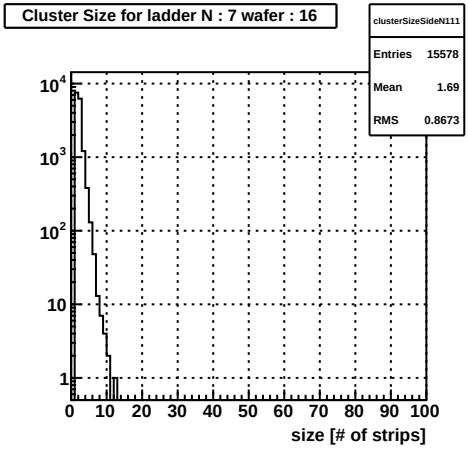

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 12832
Mean 1.596
RMS 0.8267
size [# of strips]

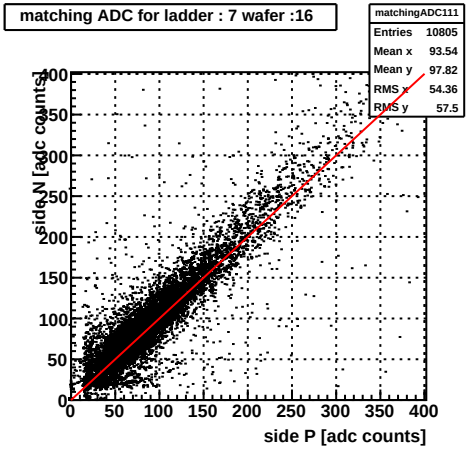

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 8444
Mean x 91.89
Mean y 92.02
RMS x 58.64
RMS y 55.3
side N [adc counts]
side P [adc counts]

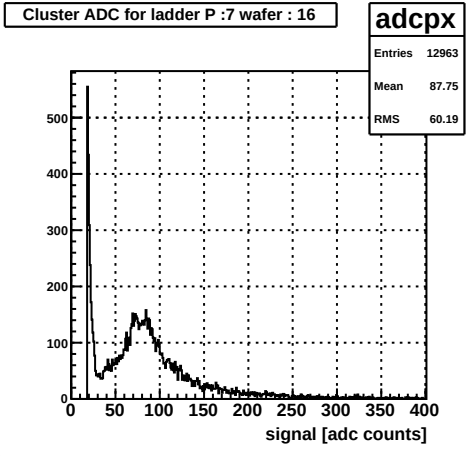

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 13537
Mean 69.13
RMS 54.24
signal [adc counts]

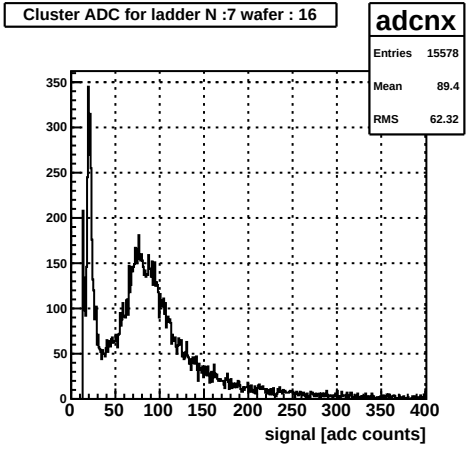

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 12832
Mean 86.43
RMS 60.14
signal [adc counts]

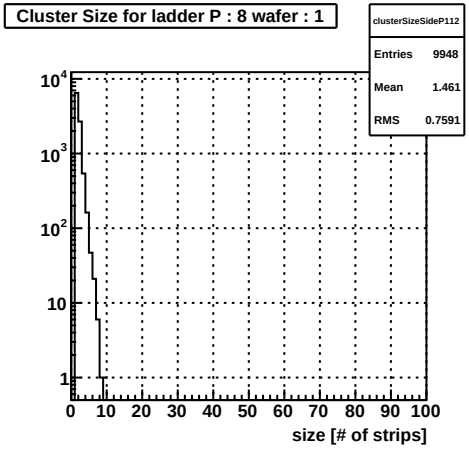

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 12963
Mean 1.445
RMS 0.7375
size [# of strips]

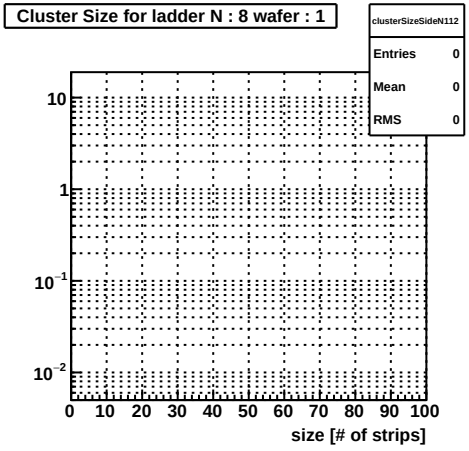

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 15578
Mean 1.69
RMS 0.8673
size [# of strips]

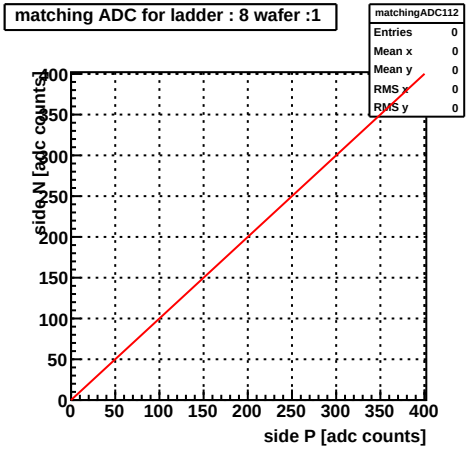

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 10805
Mean x 93.54
Mean y 97.82
RMS x 54.36
RMS y 57.5
side N [adc counts]
side P [adc counts]

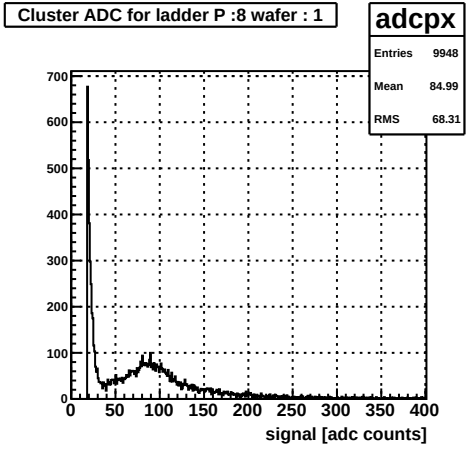

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 12963
Mean 87.75
RMS 60.19
signal [adc counts]

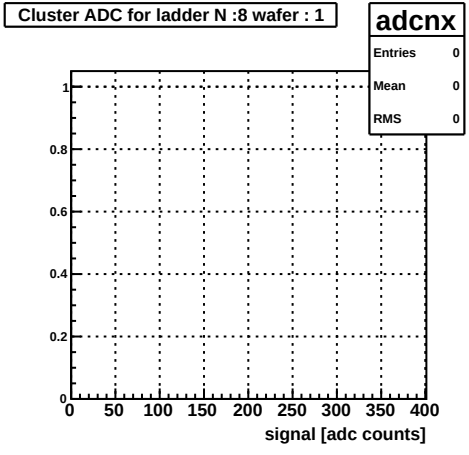

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 15578
Mean 89.4
RMS 62.32
signal [adc counts]

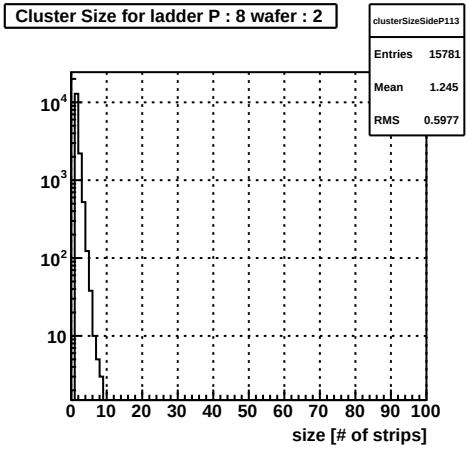

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 9948
Mean 1.461
RMS 0.7591
size [# of strips]

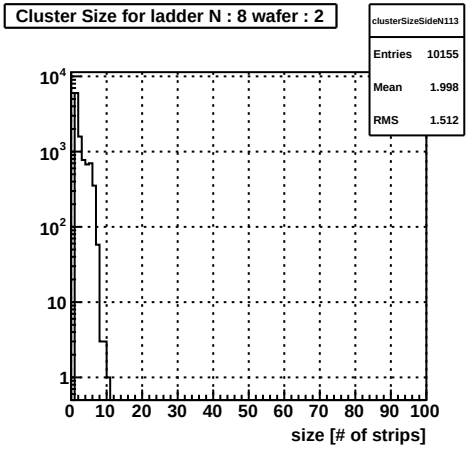

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

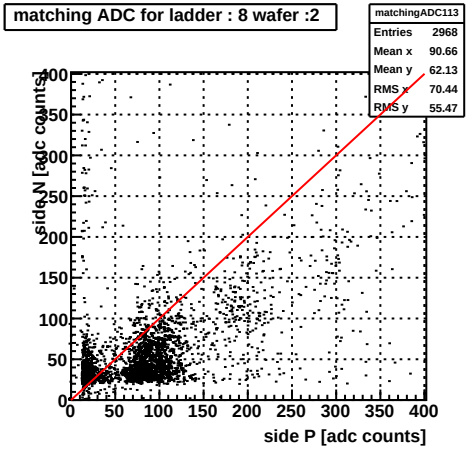

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

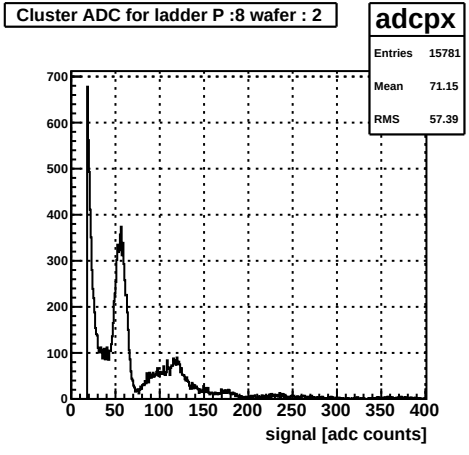

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 9948
Mean 84.99
RMS 68.31
signal [adc counts]

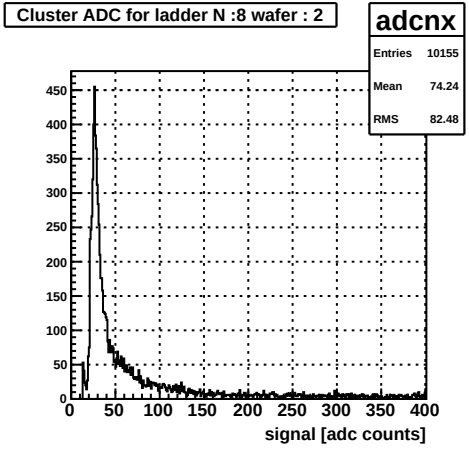

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

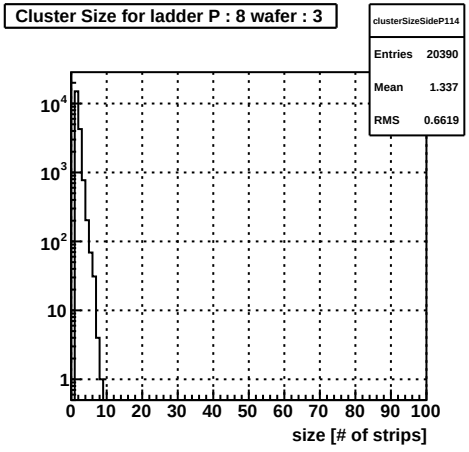

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 15781
Mean 1.245
RMS 0.5977
size [# of strips]

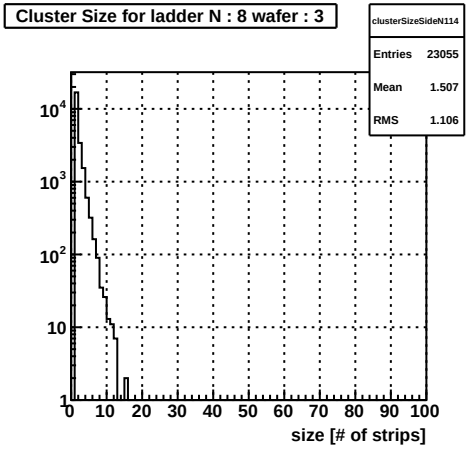

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 10155
Mean 1.998
RMS 1.512
size [# of strips]

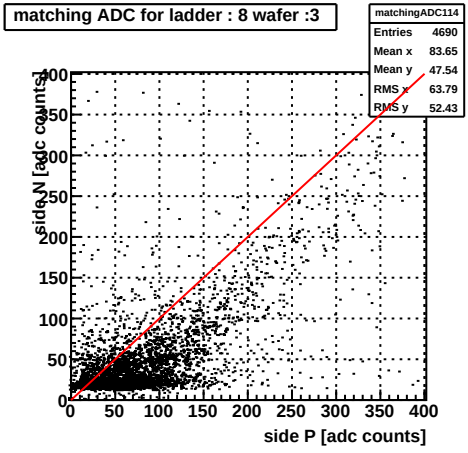

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 2968
Mean x 90.66
Mean y 62.13
RMS x 70.44
RMS y 55.47
side N [adc counts]
side P [adc counts]

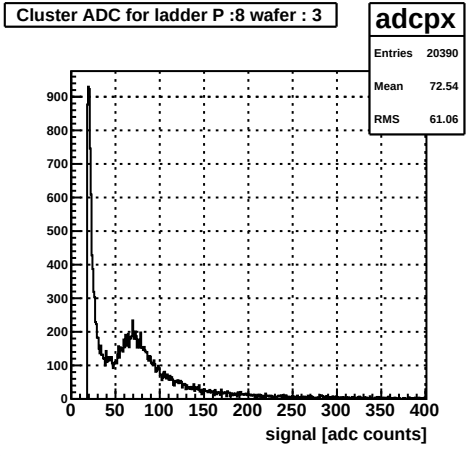

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 15781
Mean 71.15
RMS 57.39
signal [adc counts]

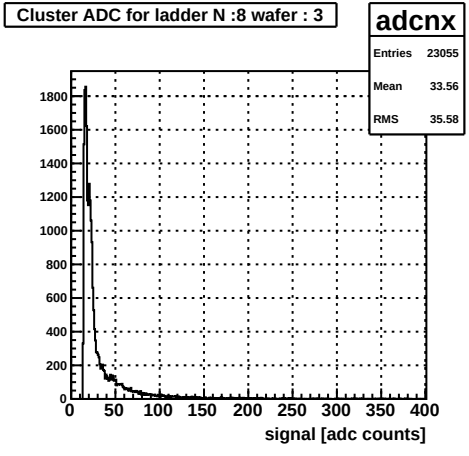

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 10155
Mean 74.24
RMS 82.48
signal [adc counts]

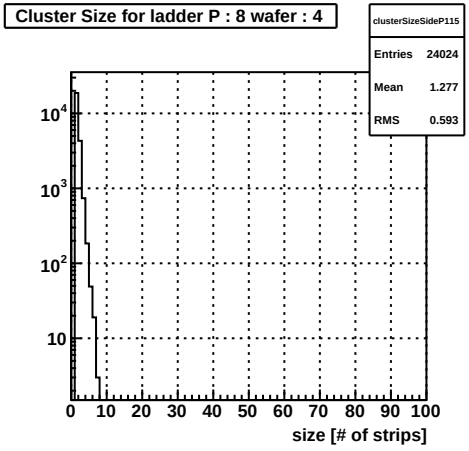

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 20390
Mean 1.337
RMS 0.6619
size [# of strips]

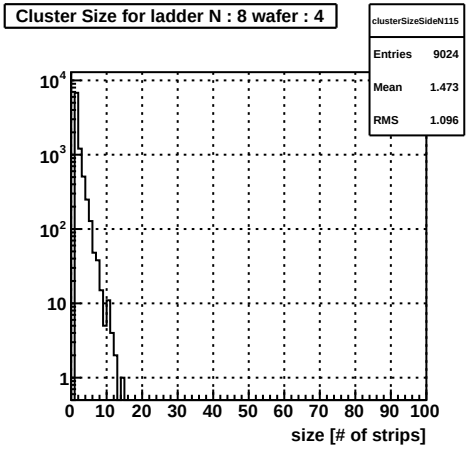

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 23055
Mean 1.507
RMS 1.106
size [# of strips]

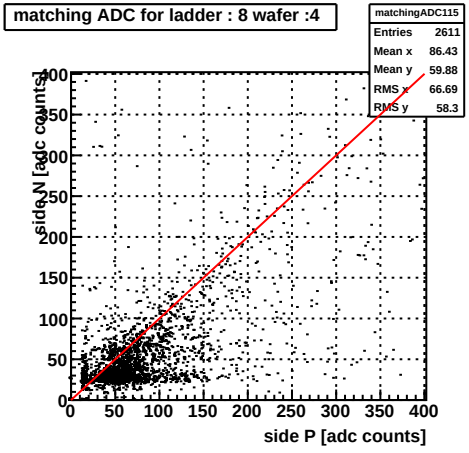

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 4690
Mean x 83.65
Mean y 47.54
RMS x 63.79
RMS y 52.43
side N [adc counts]
side P [adc counts]

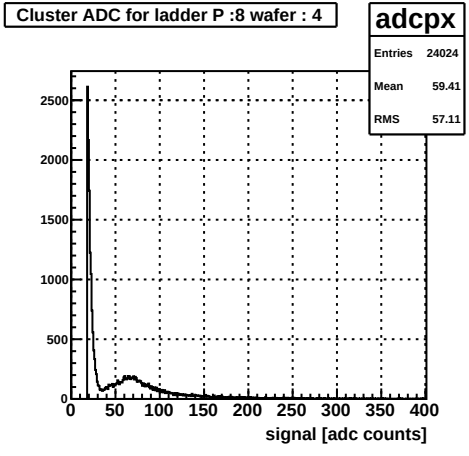

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 20390
Mean 72.54
RMS 61.06
signal [adc counts]

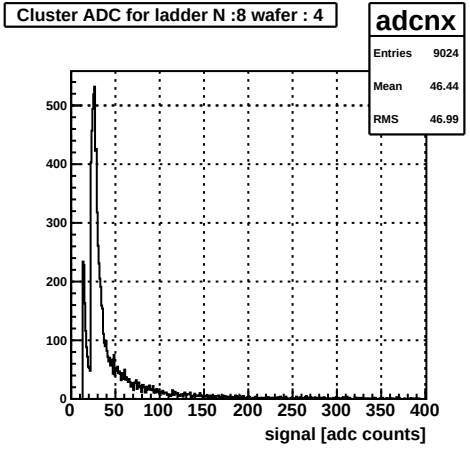

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 23055
Mean 33.56
RMS 35.58
signal [adc counts]

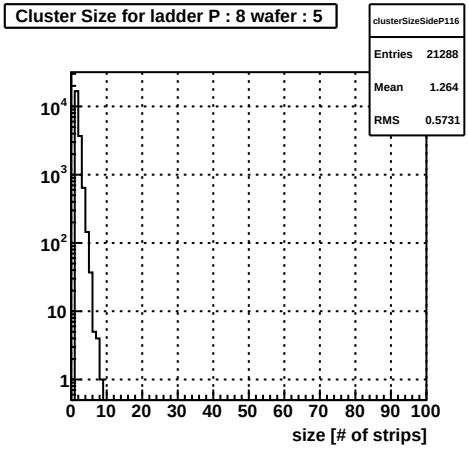

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 24024
Mean 1.277
RMS 0.593
size [# of strips]

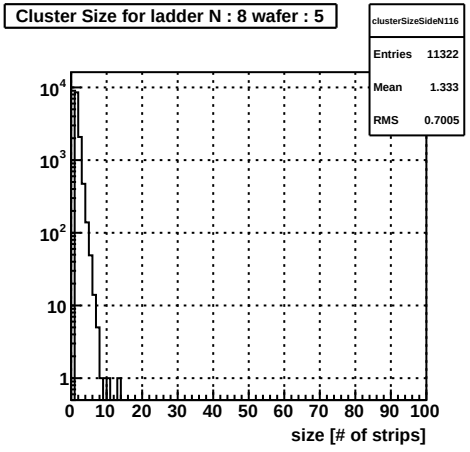

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 9024
Mean 1.473
RMS 1.096
size [# of strips]

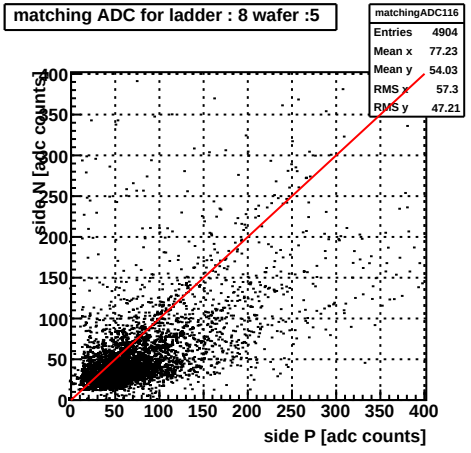

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 2611
Mean x 86.43
Mean y 59.88
RMS x 66.69
RMS y 58.3
side N [adc counts]
side P [adc counts]

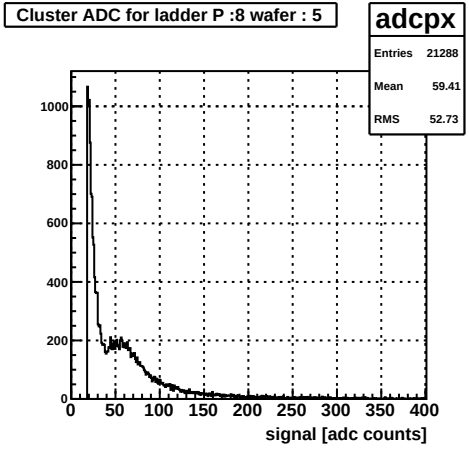

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 24024
Mean 59.41
RMS 57.11
signal [adc counts]

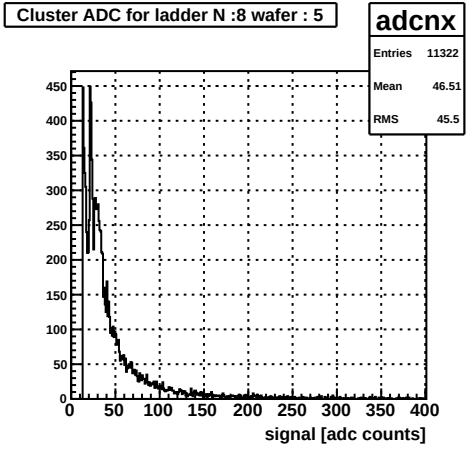

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 9024
Mean 46.44
RMS 46.99
signal [adc counts]

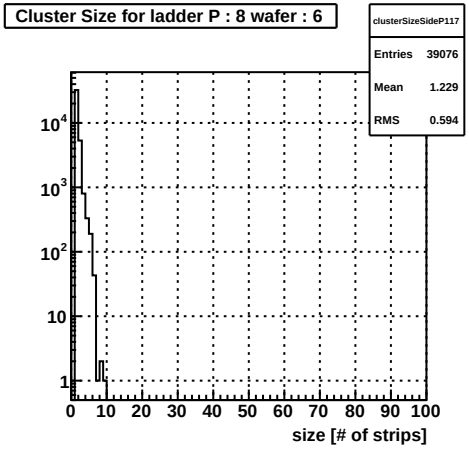

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 21288
Mean 1.264
RMS 0.5731
size [# of strips]

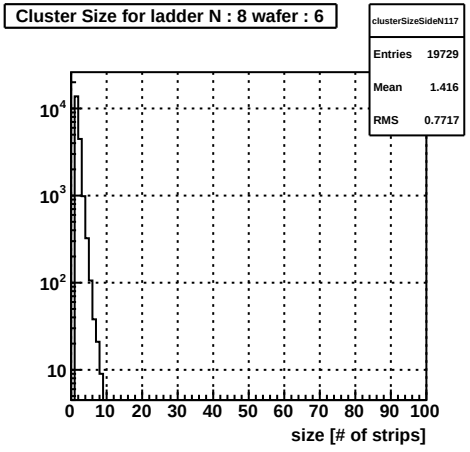

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 11322
Mean 1.333
RMS 0.7005
size [# of strips]

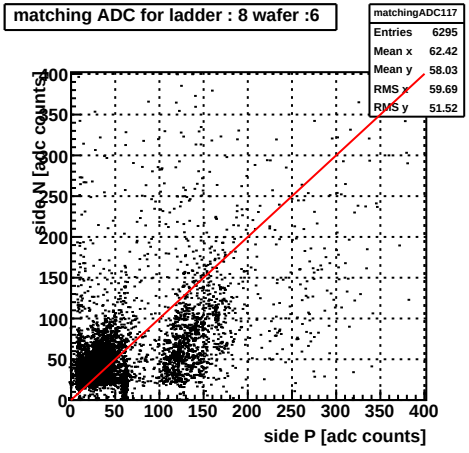

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 4904
Mean x 77.23
Mean y 54.03
RMS x 57.3
RMS y 47.21
side N [adc counts]
side P [adc counts]

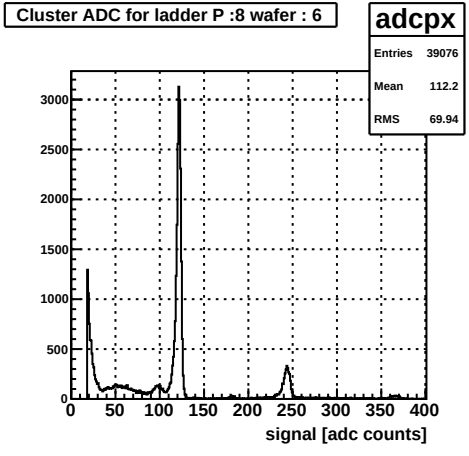

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 21288
Mean 59.41
RMS 52.73
signal [adc counts]

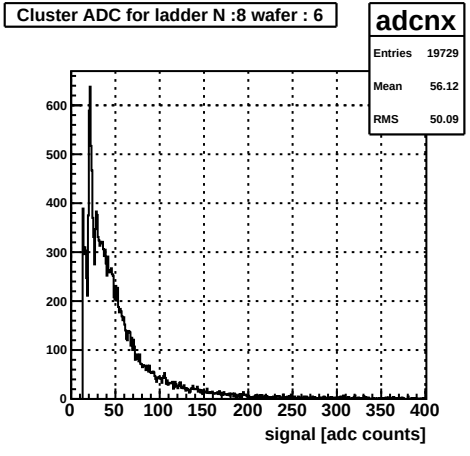

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 11322
Mean 46.51
RMS 45.5
signal [adc counts]

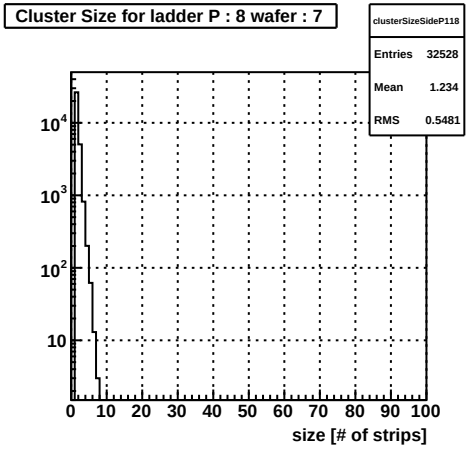

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 39076
Mean 1.229
RMS 0.594
size [# of strips]

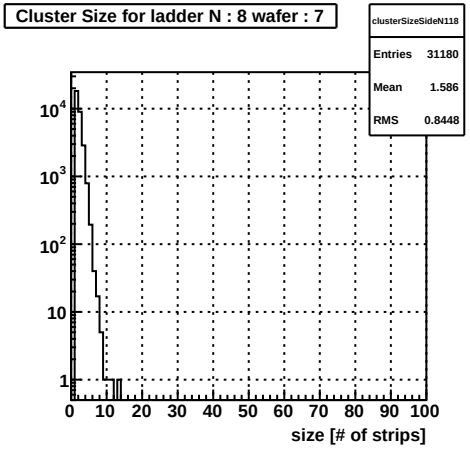

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 19729
Mean 1.416
RMS 0.7717
size [# of strips]

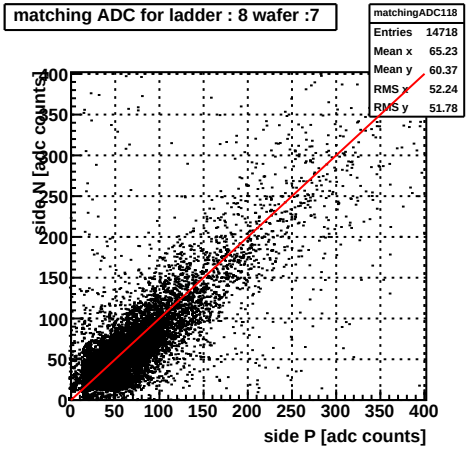

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 6295
Mean x 62.42
Mean y 58.03
RMS x 59.69
RMS y 51.52
side N [adc counts]
side P [adc counts]

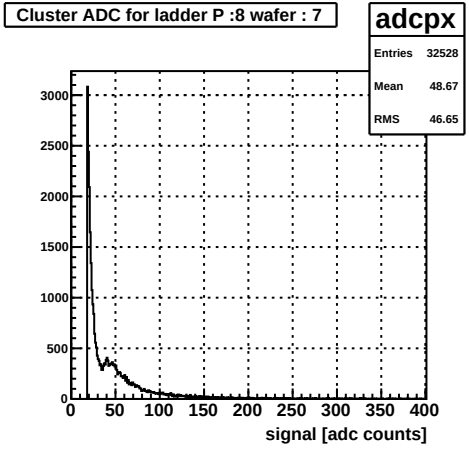

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 39076
Mean 112.2
RMS 69.94
signal [adc counts]

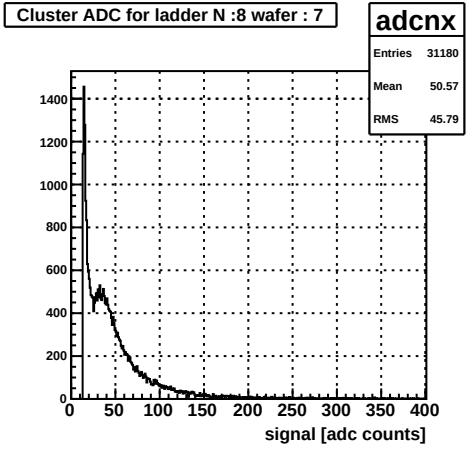

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 19729
Mean 56.12
RMS 50.09
signal [adc counts]

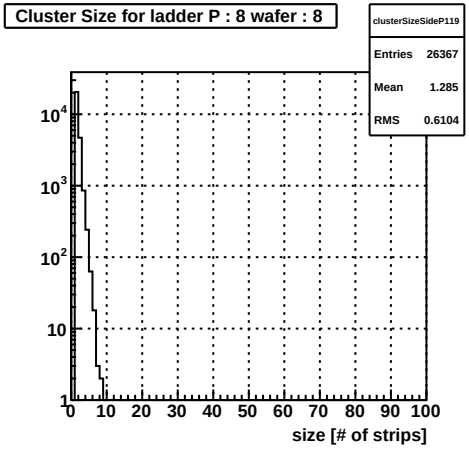

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 32528
Mean 1.234
RMS 0.5481
size [# of strips]

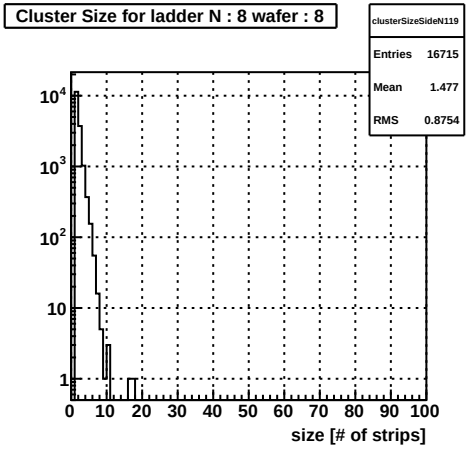

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 31180
Mean 1.586
RMS 0.8448
size [# of strips]

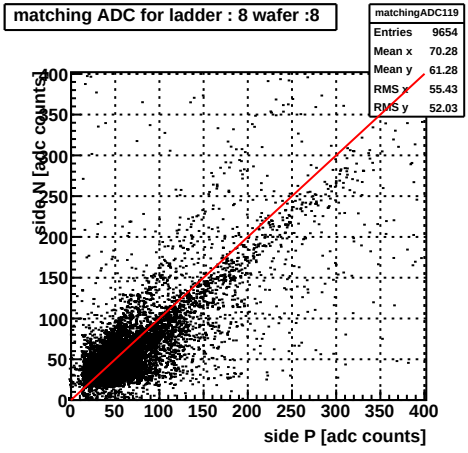

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 14718
Mean x 65.23
Mean y 60.37
RMS x 52.24
RMS y 51.78
side N [adc counts]
side P [adc counts]

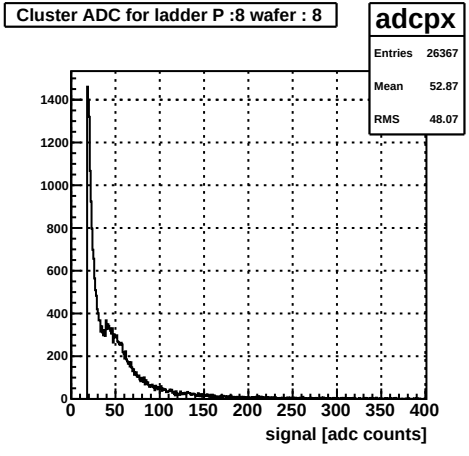

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 32528
Mean 48.67
RMS 46.65
signal [adc counts]

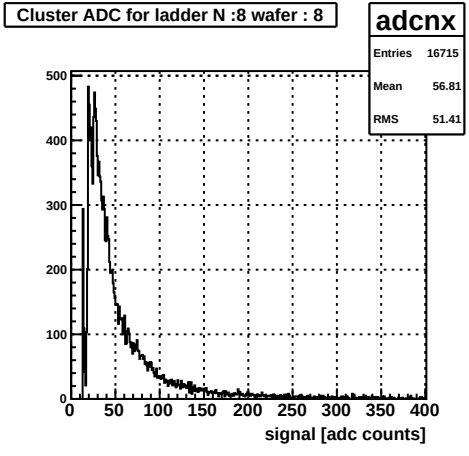

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 31180
Mean 50.57
RMS 45.79
signal [adc counts]

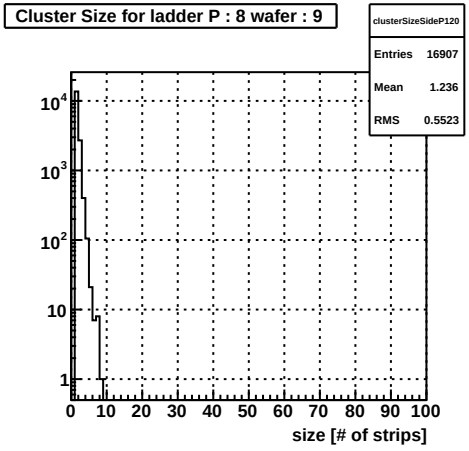

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 26367
Mean 1.285
RMS 0.6104
size [# of strips]

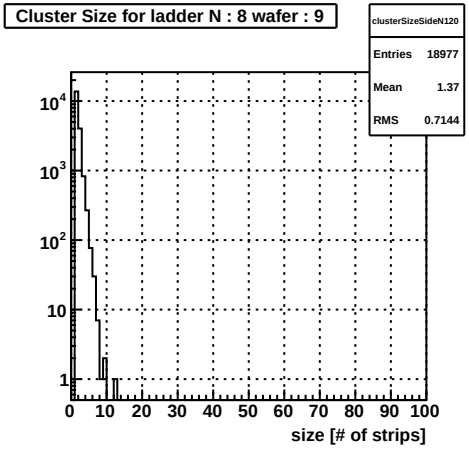

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 16715
Mean 1.477
RMS 0.8754
size [# of strips]

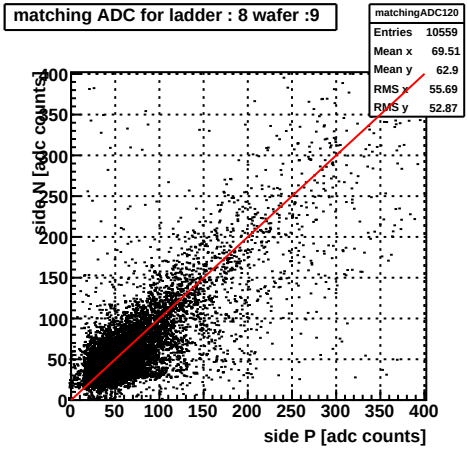

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 9654
Mean x 70.28
Mean y 61.28
RMS x 55.43
RMS y 52.03
side N [adc counts]
side P [adc counts]

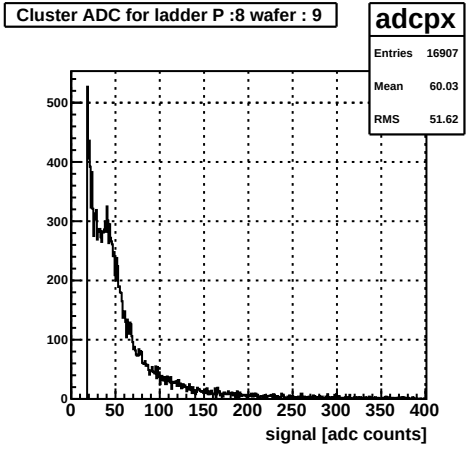

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 26367
Mean 52.87
RMS 48.07
signal [adc counts]

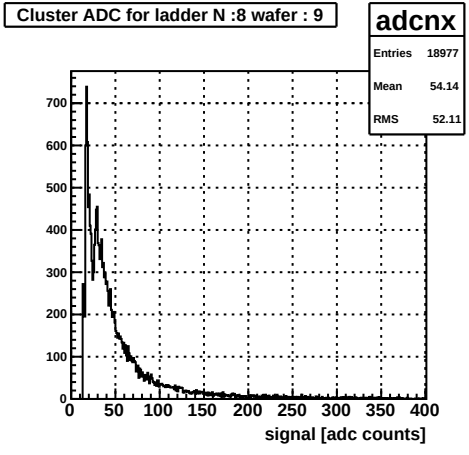

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 16715
Mean 56.81
RMS 51.41
signal [adc counts]

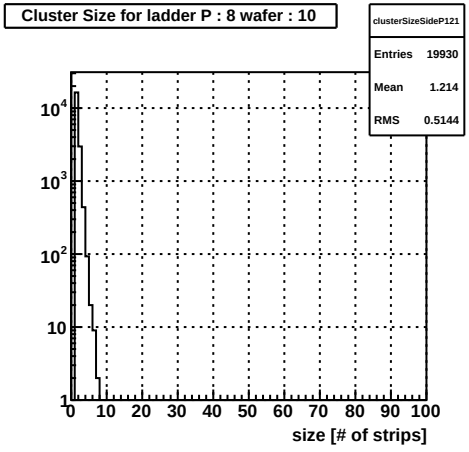

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 16907
Mean 1.236
RMS 0.5523
size [# of strips]

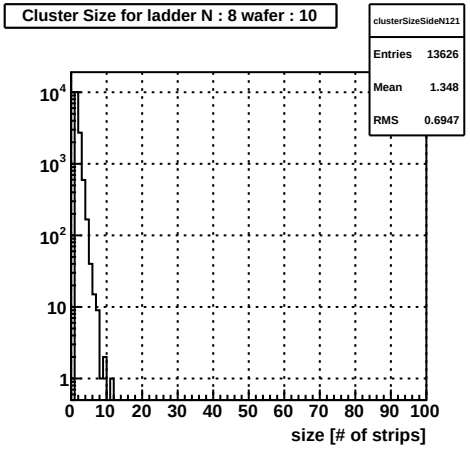

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 18977
Mean 1.37
RMS 0.7144
size [# of strips]

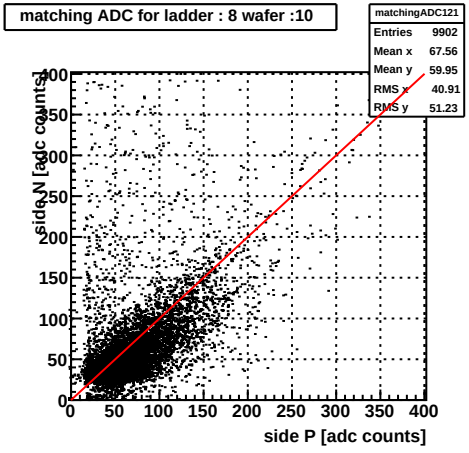

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 10559
Mean x 69.51
Mean y 62.9
RMS x 55.69
RMS y 52.87
side N [adc counts]
side P [adc counts]

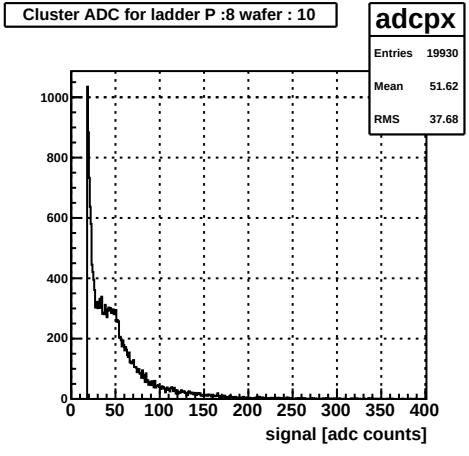

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 16907
Mean 60.03
RMS 51.62
signal [adc counts]

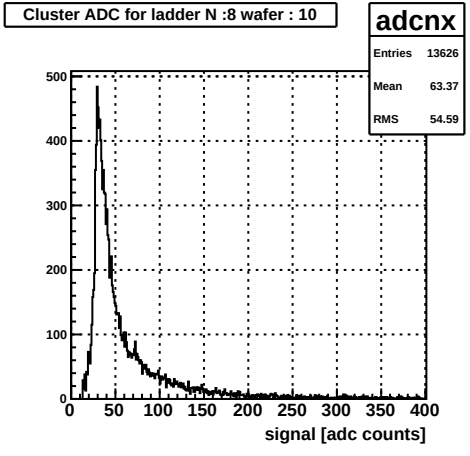

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 18977
Mean 54.14
RMS 52.11
signal [adc counts]

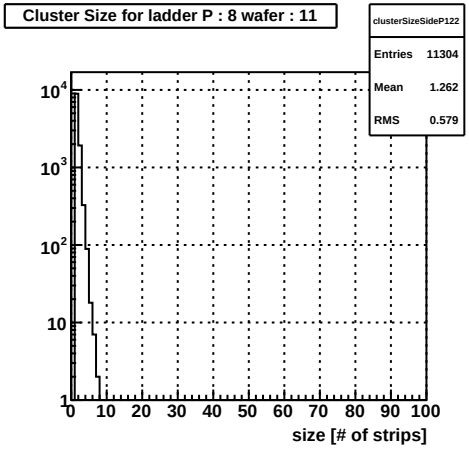

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 19930
Mean 1.214
RMS 0.5144
size [# of strips]

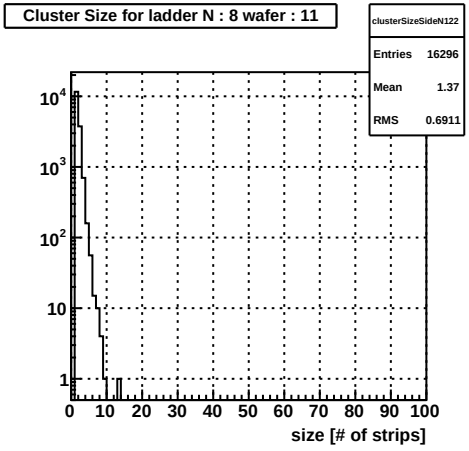

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 13626
Mean 1.348
RMS 0.6947
size [# of strips]

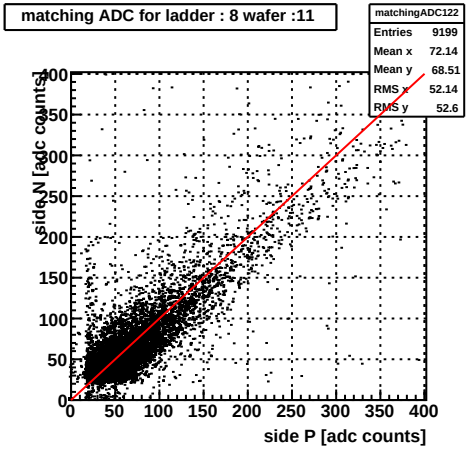

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 9902
Mean x 67.56
Mean y 59.95
RMS x 40.91
RMS y 51.23
side N [adc counts]
side P [adc counts]

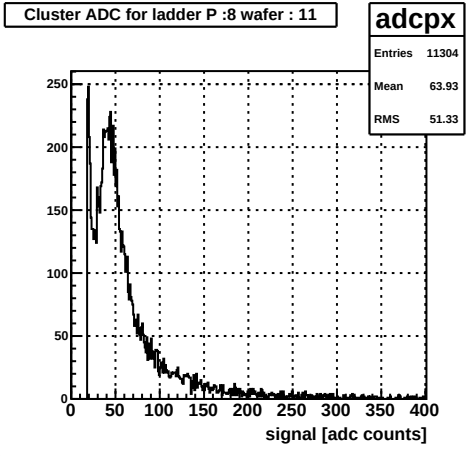

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 19930
Mean 51.62
RMS 37.68
signal [adc counts]

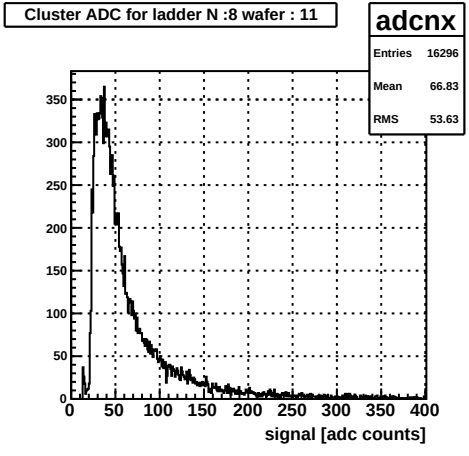

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 13626
Mean 63.37
RMS 54.59
signal [adc counts]

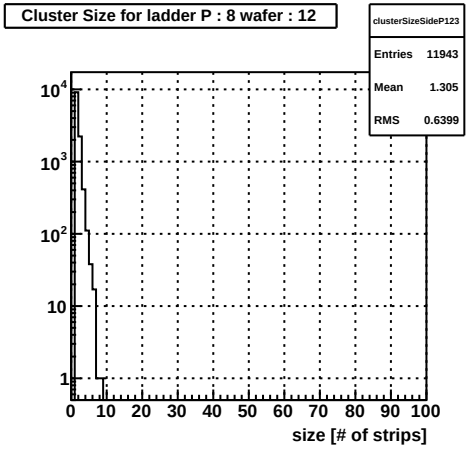

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 11304
Mean 1.262
RMS 0.579
size [# of strips]

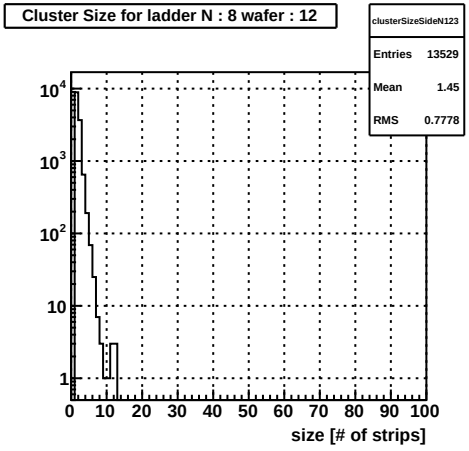

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 16296
Mean 1.37
RMS 0.6911
size [# of strips]

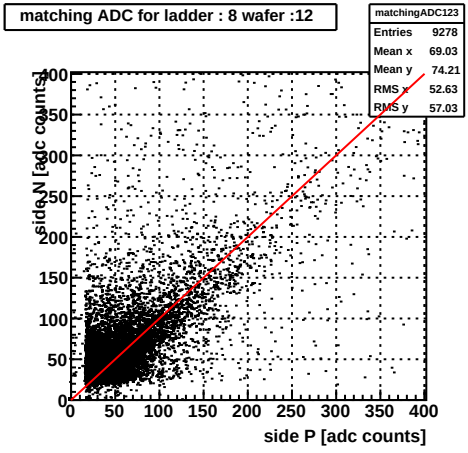

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 9199
Mean x 72.14
Mean y 68.51
RMS x 52.14
RMS y 52.6
side N [adc counts]
side P [adc counts]

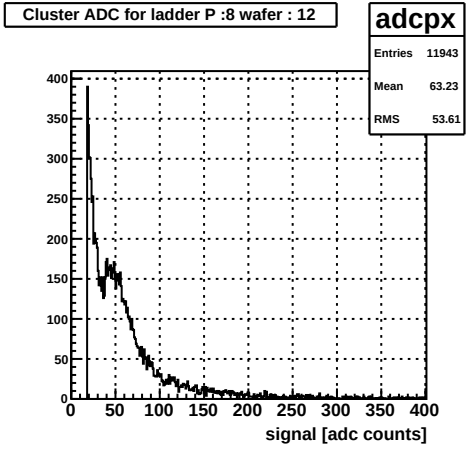

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 11304
Mean 63.93
RMS 51.33
signal [adc counts]

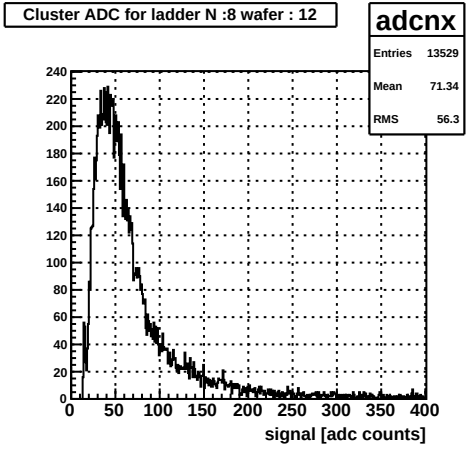

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 16296
Mean 66.83
RMS 53.63
signal [adc counts]

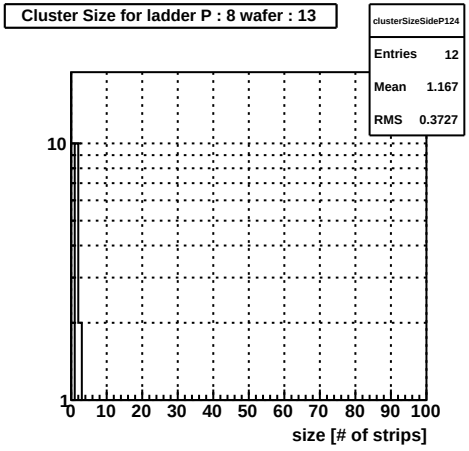

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 11943
Mean 1.305
RMS 0.6399
size [# of strips]

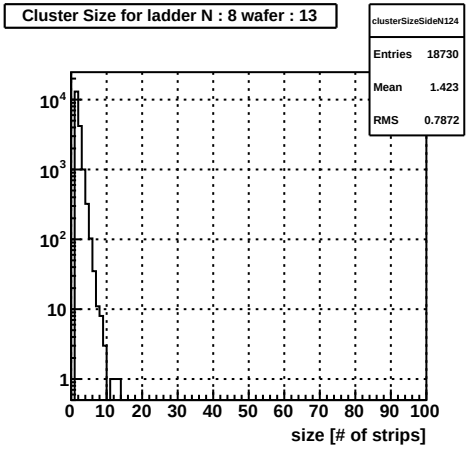

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 13529
Mean 1.45
RMS 0.7778
size [# of strips]

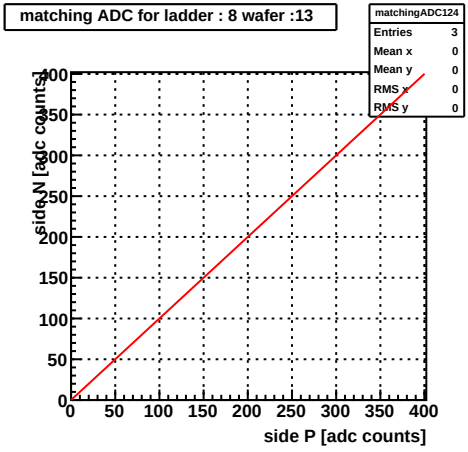

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 9278
Mean x 69.03
Mean y 74.21
RMS x 52.63
RMS y 57.03
side N [adc counts]
side P [adc counts]

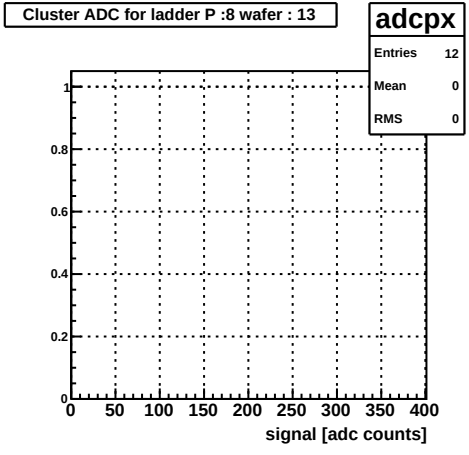

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 11943
Mean 63.23
RMS 53.61
signal [adc counts]

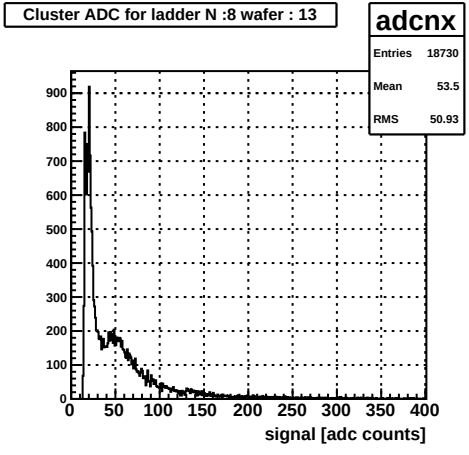

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 13529
Mean 71.34
RMS 56.3
signal [adc counts]

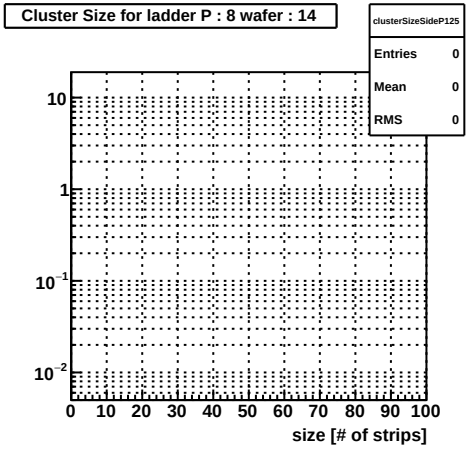

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 12
Mean 1.167
RMS 0.3727
size [# of strips]

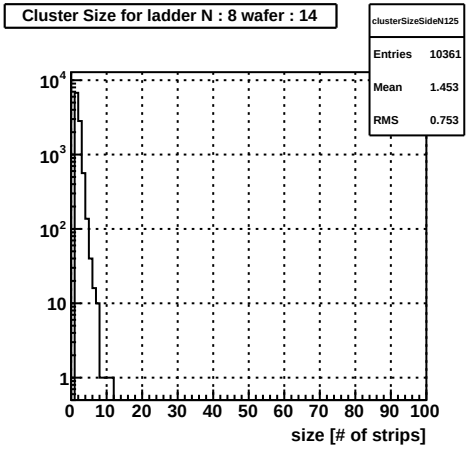

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 18730
Mean 1.423
RMS 0.7872
size [# of strips]

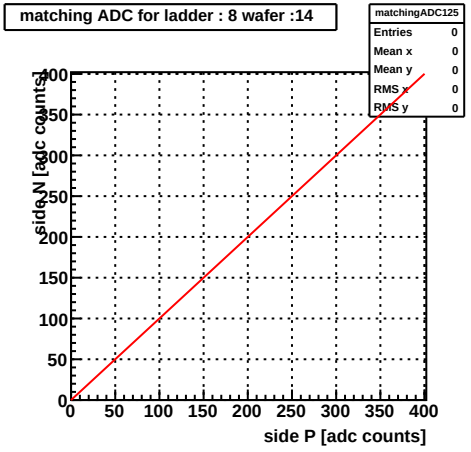

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

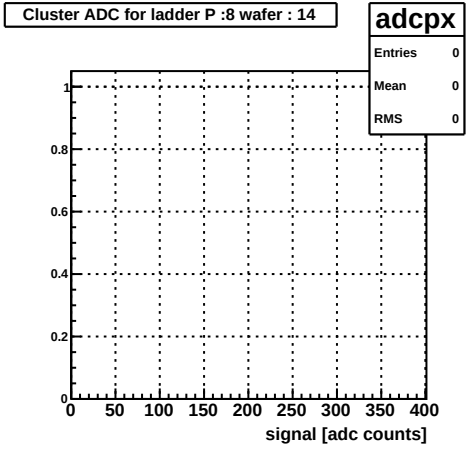

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 12
Mean 0
RMS 0
signal [adc counts]

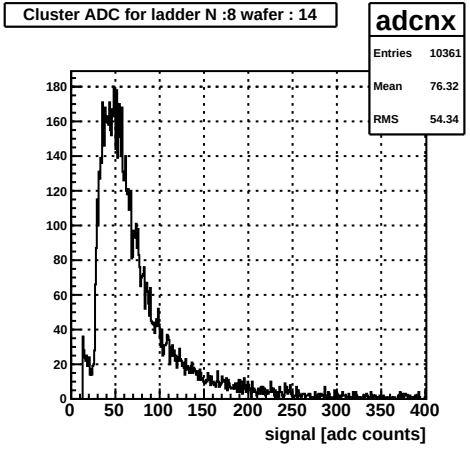

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 18730
Mean 53.5
RMS 50.93
signal [adc counts]

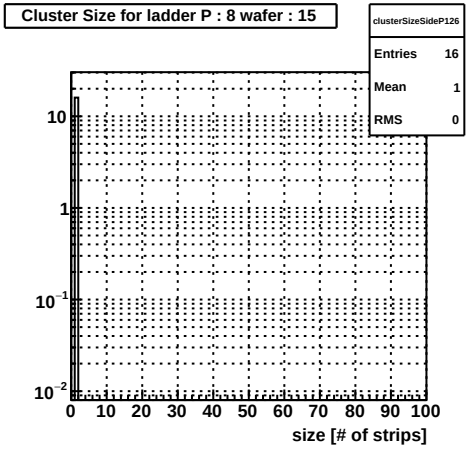

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

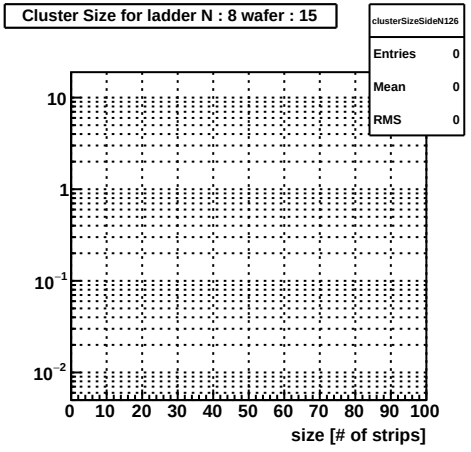

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 10361
Mean 1.453
RMS 0.753
size [# of strips]

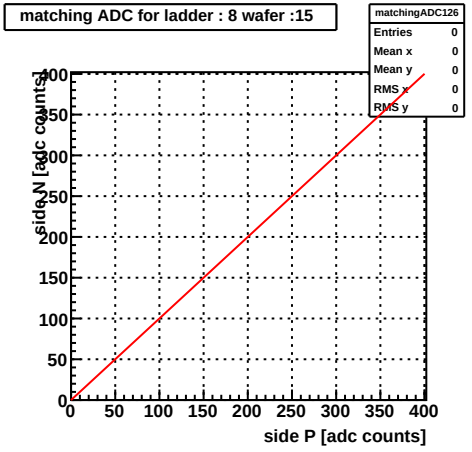

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

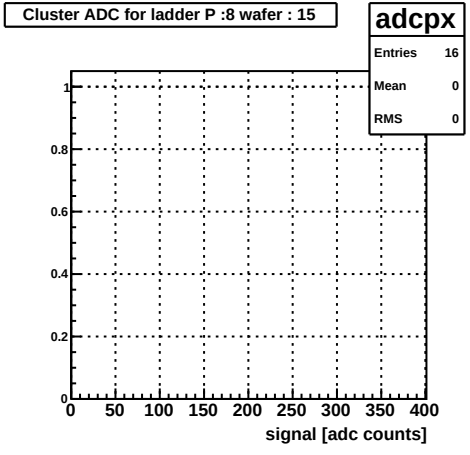

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

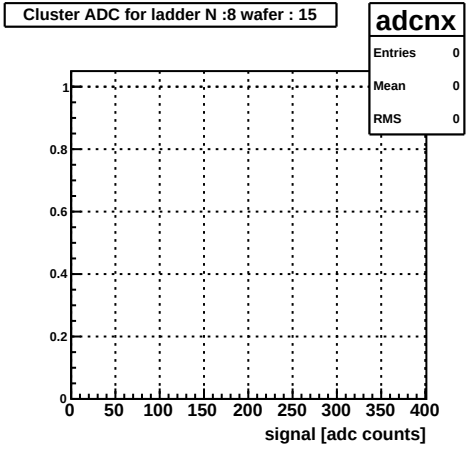

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 10361
Mean 76.32
RMS 54.34
signal [adc counts]

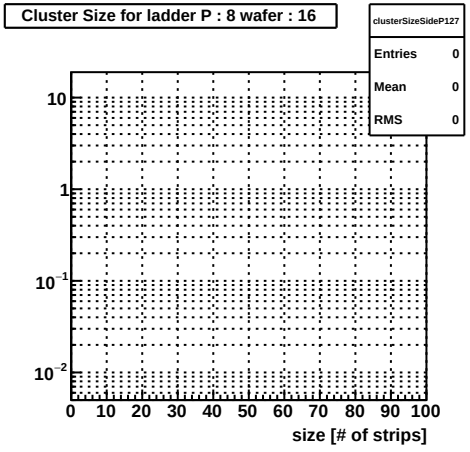

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 16
Mean 1
RMS 0
size [# of strips]

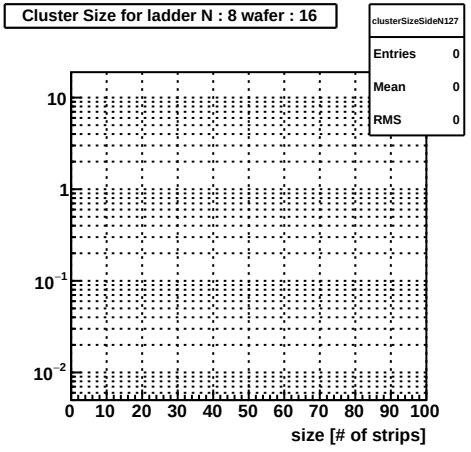

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

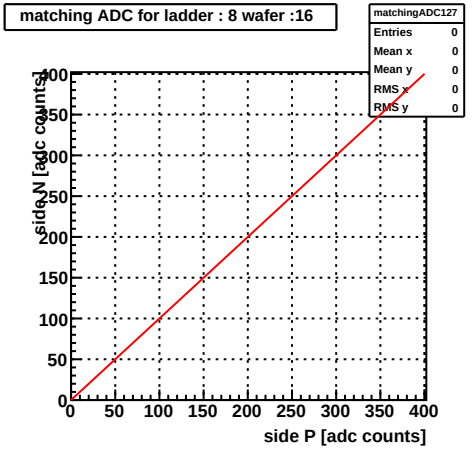

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

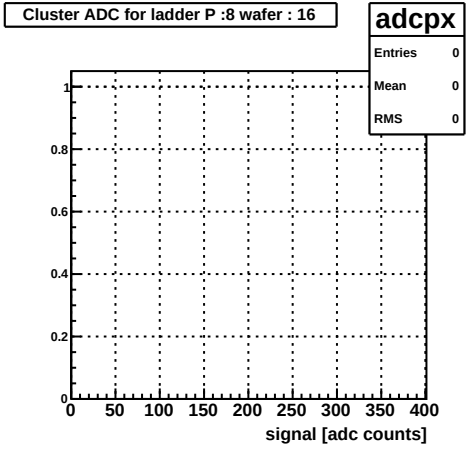

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

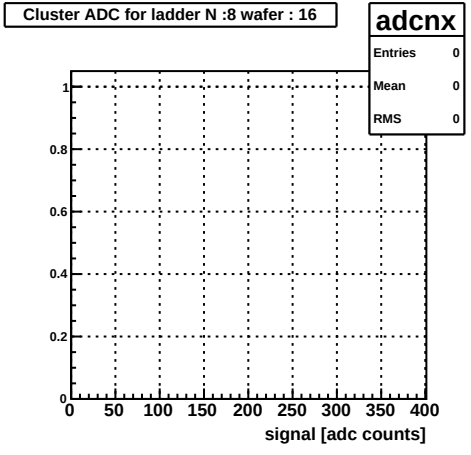

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

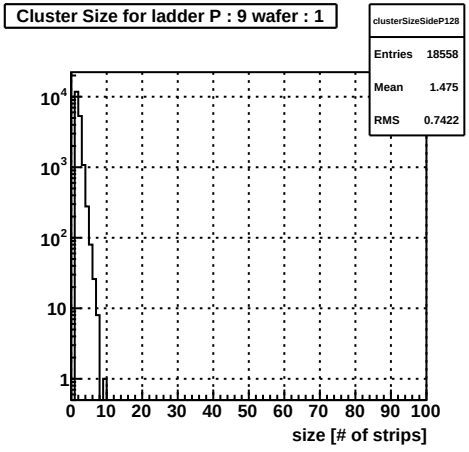

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

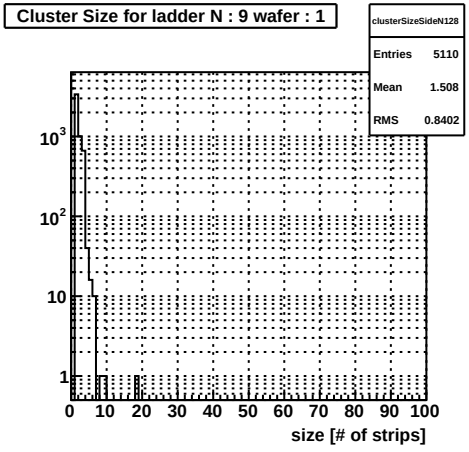

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

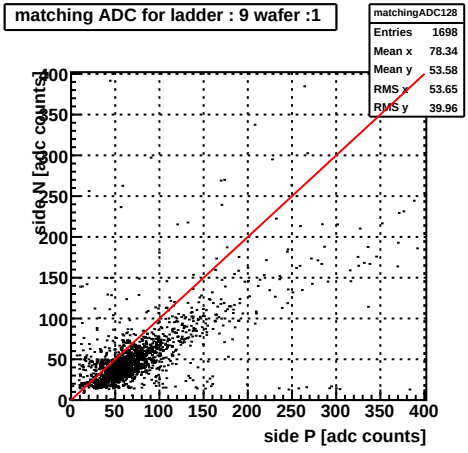

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

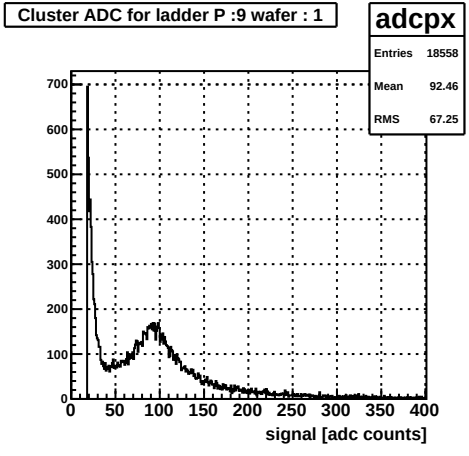

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

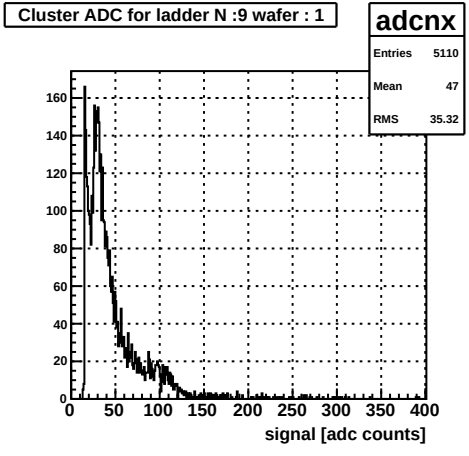

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

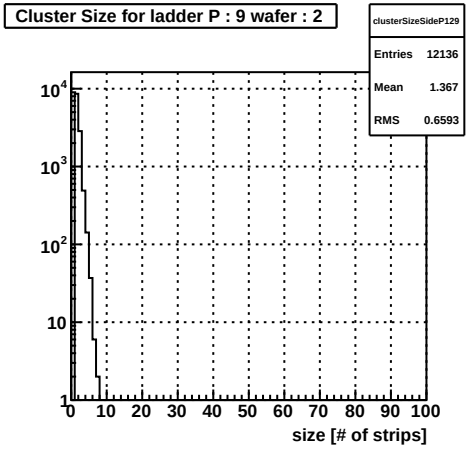

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 18558
Mean 1.475
RMS 0.7422
size [# of strips]

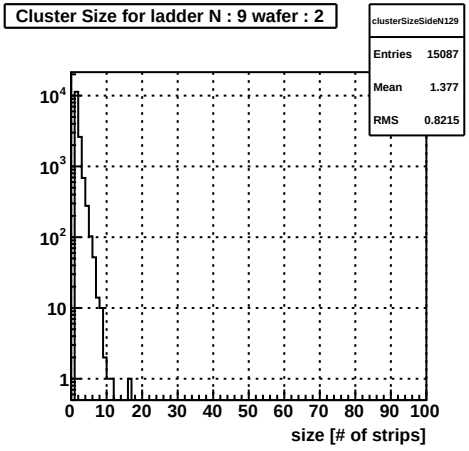

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 5110
Mean 1.508
RMS 0.8402
size [# of strips]

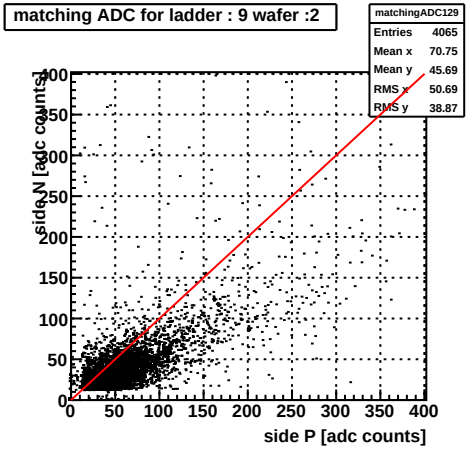

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1698
Mean x 78.34
Mean y 53.58
RMS x 53.65
RMS y 39.96
side N [adc counts]
side P [adc counts]

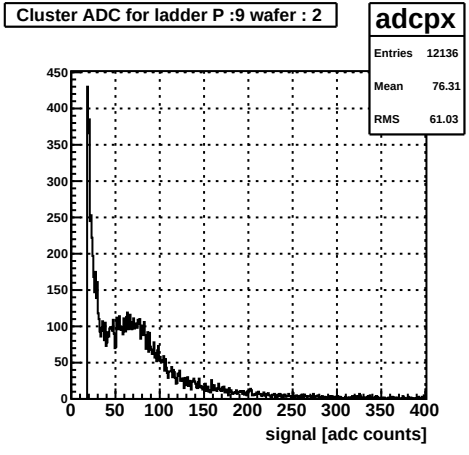

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 18558
Mean 92.46
RMS 67.25
signal [adc counts]

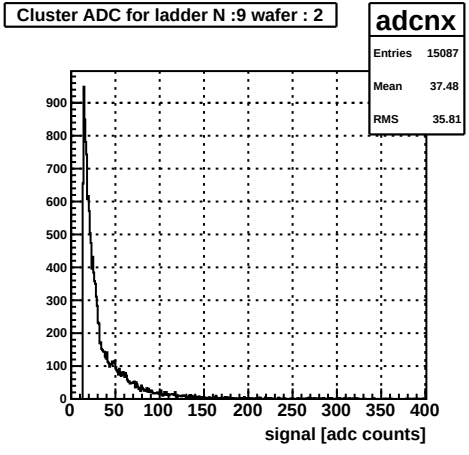

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 5110
Mean 47
RMS 35.32
signal [adc counts]

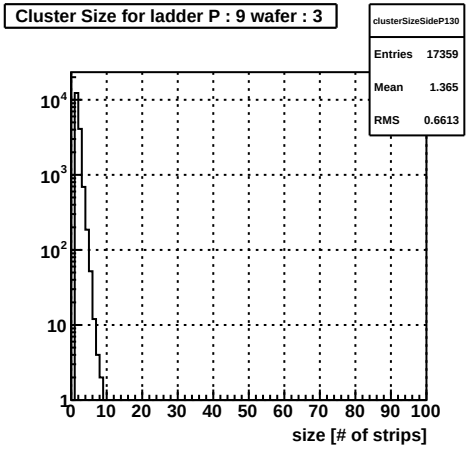

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 12136
Mean 1.367
RMS 0.6593
size [# of strips]

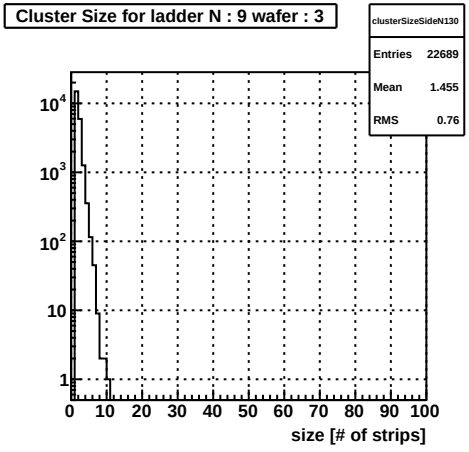

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 15087
Mean 1.377
RMS 0.8215
size [# of strips]

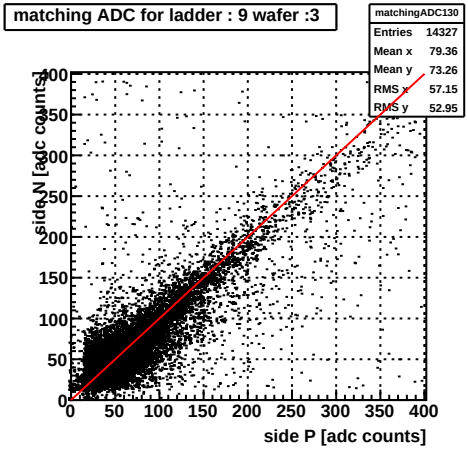

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 4065
Mean x 70.75
Mean y 45.69
RMS x 50.69
RMS y 38.87
side N [adc counts]
side P [adc counts]

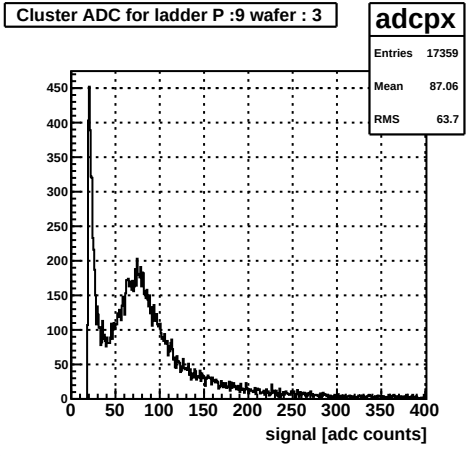

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 12136
Mean 76.31
RMS 61.03
signal [adc counts]

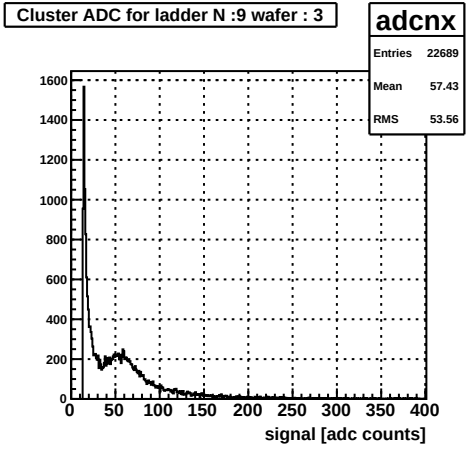

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 15087
Mean 37.48
RMS 35.81
signal [adc counts]

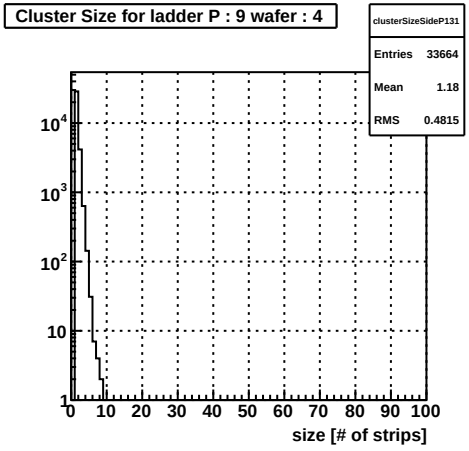

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 17359
Mean 1.365
RMS 0.6613
size [# of strips]

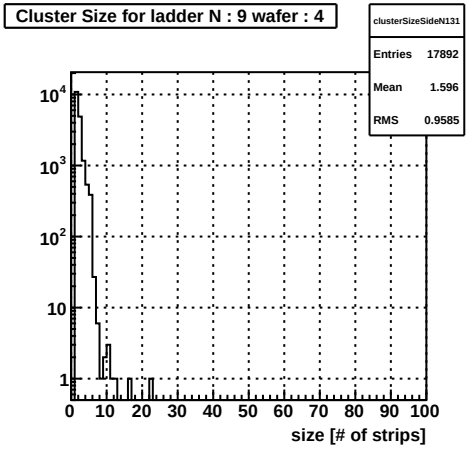

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 22689
Mean 1.455
RMS 0.76
size [# of strips]

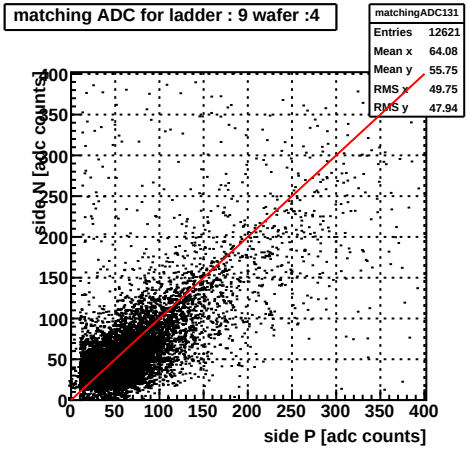

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 14327
Mean x 79.36
Mean y 73.26
RMS x 57.15
RMS y 52.95
side N [adc counts]
side P [adc counts]

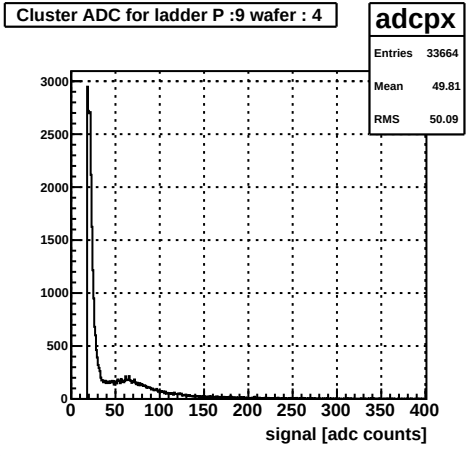

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 17359
Mean 87.06
RMS 63.7
signal [adc counts]

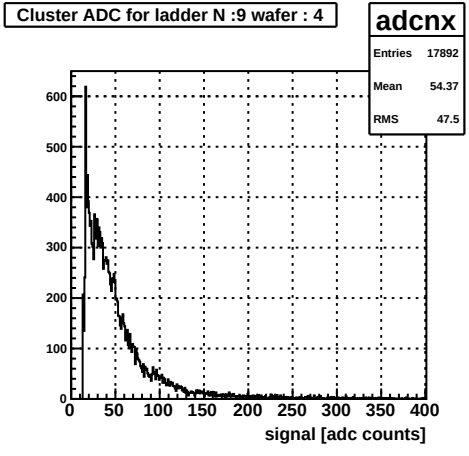

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 22689
Mean 57.43
RMS 53.56
signal [adc counts]

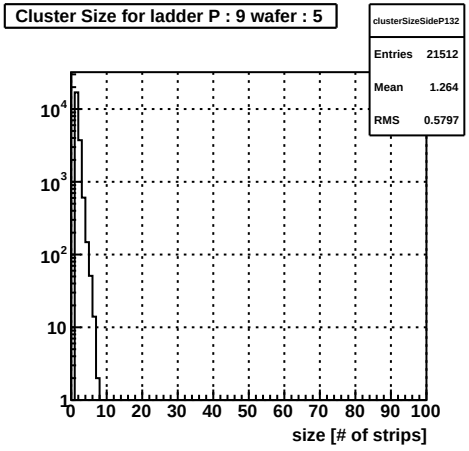

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 33664
Mean 1.18
RMS 0.4815
size [# of strips]

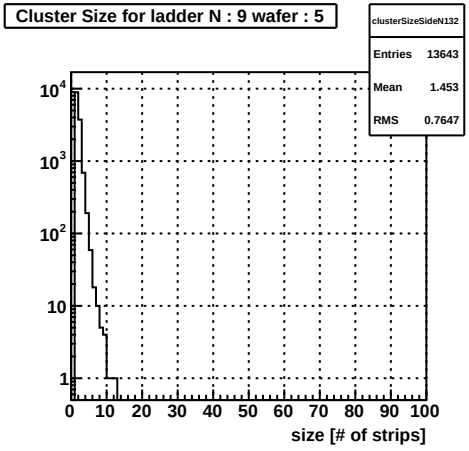

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 17892
Mean 1.596
RMS 0.9585
size [# of strips]

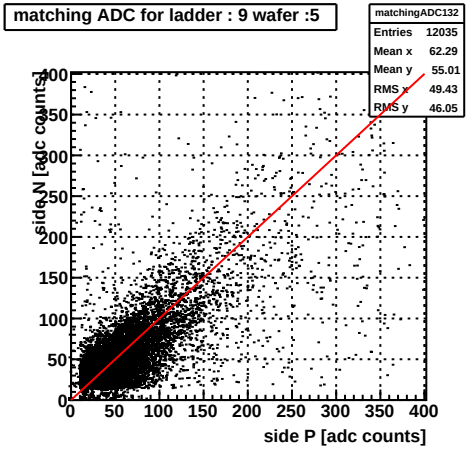

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 12621
Mean x 64.08
Mean y 55.75
RMS x 49.75
RMS y 47.94
side N [adc counts]
side P [adc counts]

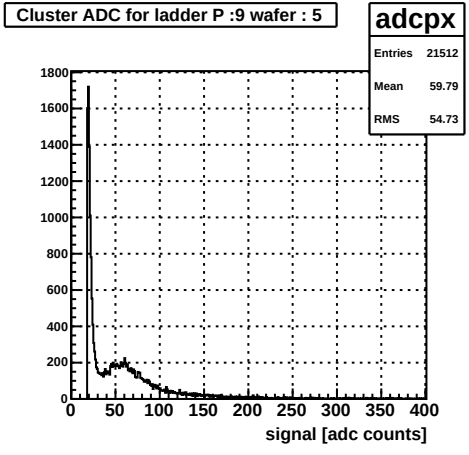

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 33664
Mean 49.81
RMS 50.09
signal [adc counts]

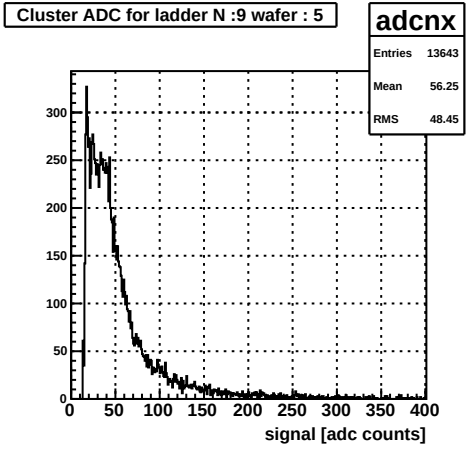

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 17892
Mean 54.37
RMS 47.5
signal [adc counts]

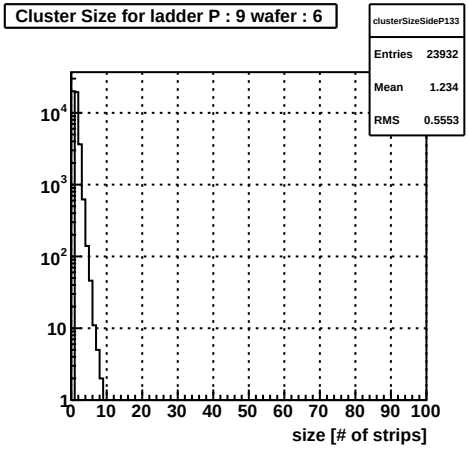

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 21512
Mean 1.264
RMS 0.5797
size [# of strips]

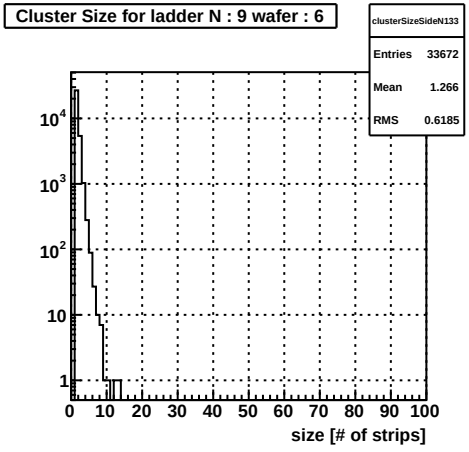

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 13643
Mean 1.453
RMS 0.7647
size [# of strips]

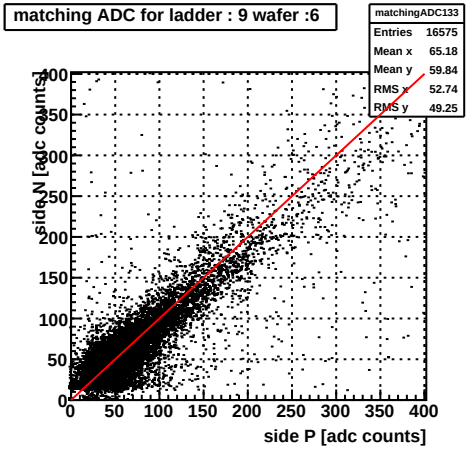

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 12035
Mean x 62.29
Mean y 55.01
RMS x 49.43
RMS y 46.05
side N [adc counts]
side P [adc counts]

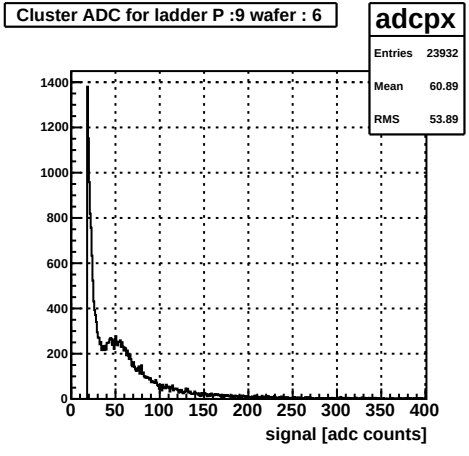

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 21512
Mean 59.79
RMS 54.73
signal [adc counts]

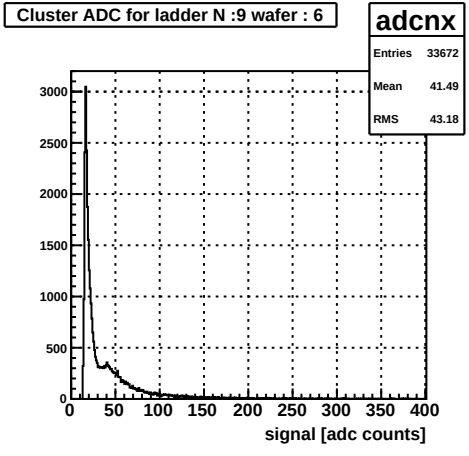

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 13643
Mean 56.25
RMS 48.45
signal [adc counts]

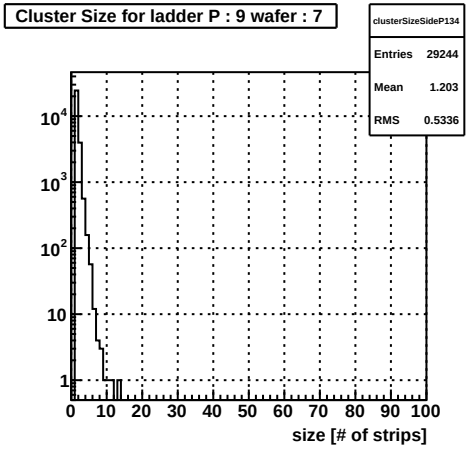

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 23932
Mean 1.234
RMS 0.5553
size [# of strips]

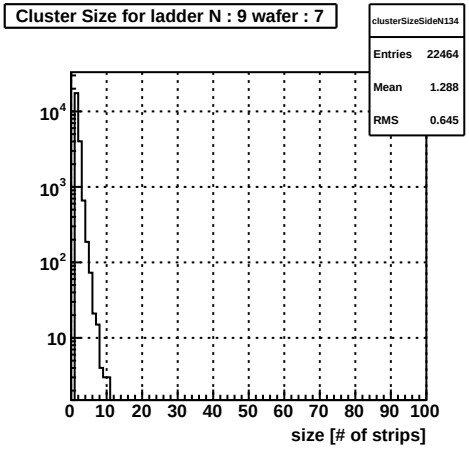

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 33672
Mean 1.266
RMS 0.6185
size [# of strips]

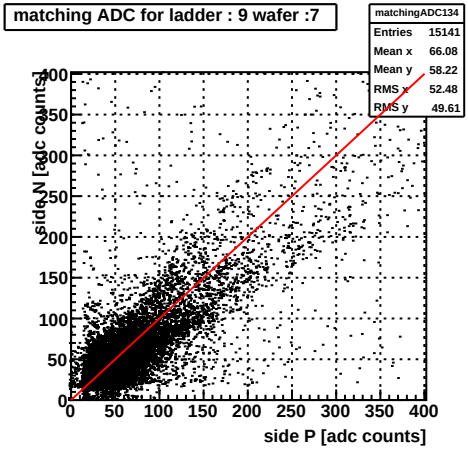

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 16575
Mean x 65.18
Mean y 59.84
RMS x 52.74
RMS y 49.25
side N [adc counts]
side P [adc counts]

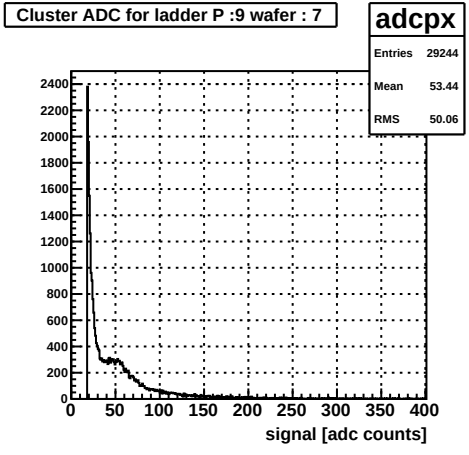

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 23932
Mean 60.89
RMS 53.89
signal [adc counts]

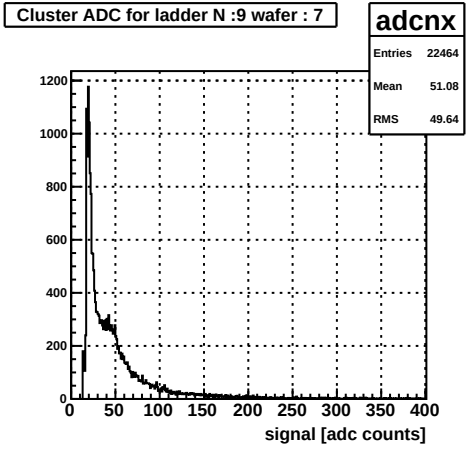

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 33672
Mean 41.49
RMS 43.18
signal [adc counts]

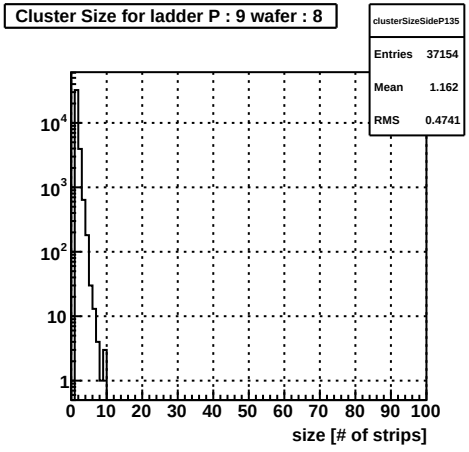

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 29244
Mean 1.203
RMS 0.5336
size [# of strips]

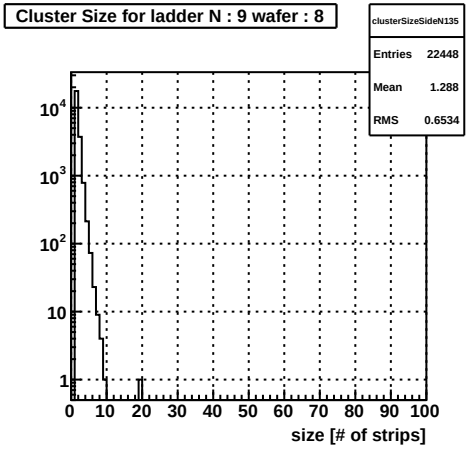

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 22464
Mean 1.288
RMS 0.645
size [# of strips]

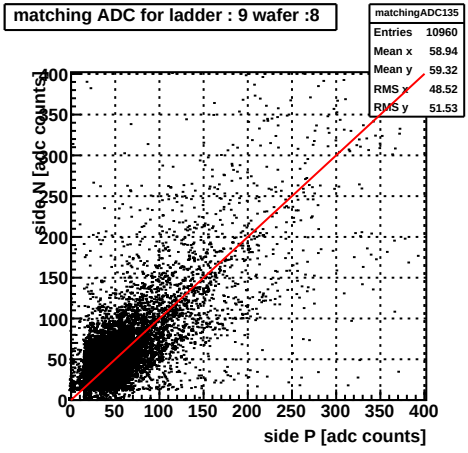

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 15141
Mean x 66.08
Mean y 58.22
RMS x 52.48
RMS y 49.61
side N [adc counts]
side P [adc counts]

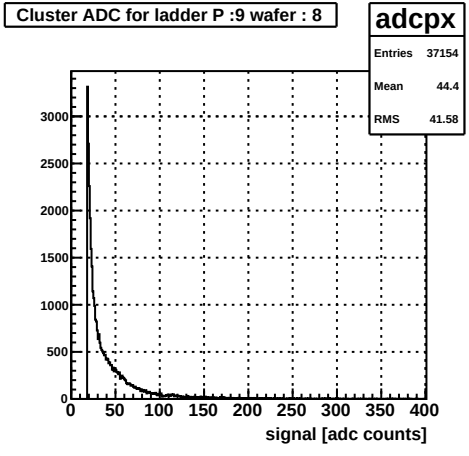

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 29244
Mean 53.44
RMS 50.06
signal [adc counts]

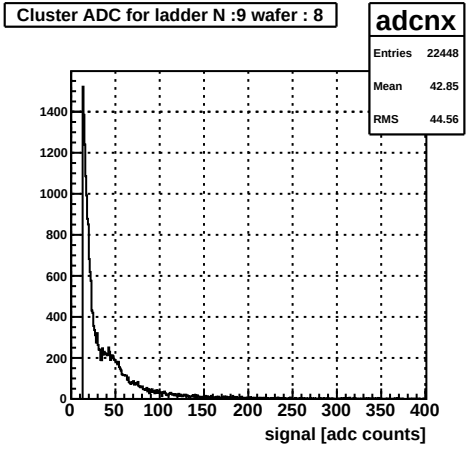

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 22464
Mean 51.08
RMS 49.64
signal [adc counts]

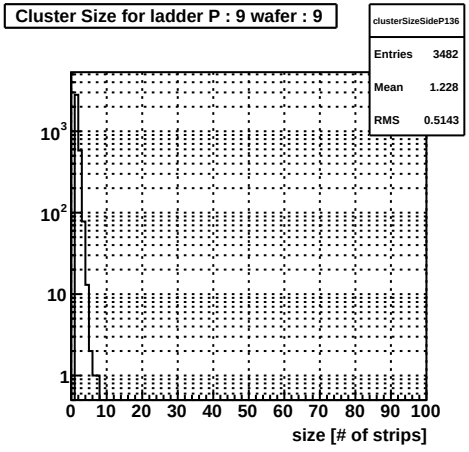

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 37154
Mean 1.162
RMS 0.4741
size [# of strips]

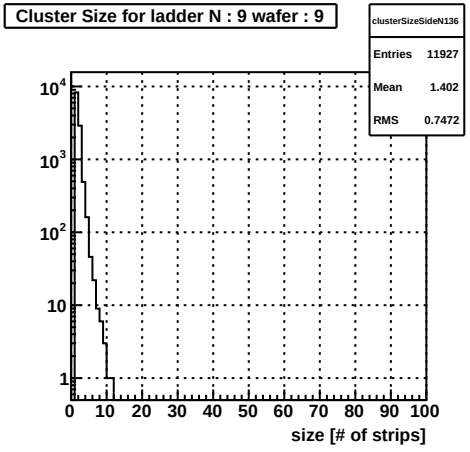

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 22448
Mean 1.288
RMS 0.6534
size [# of strips]

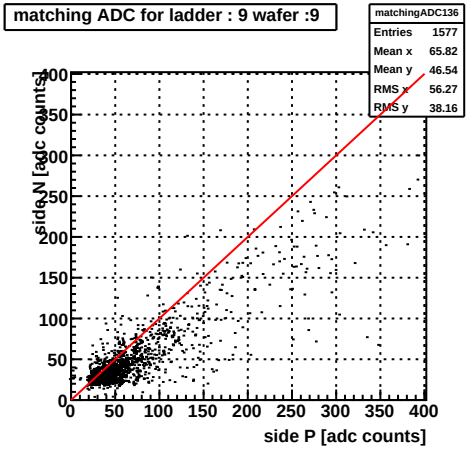

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 10960
Mean x 58.94
Mean y 59.32
RMS x 48.52
RMS y 51.53
side N [adc counts]
side P [adc counts]

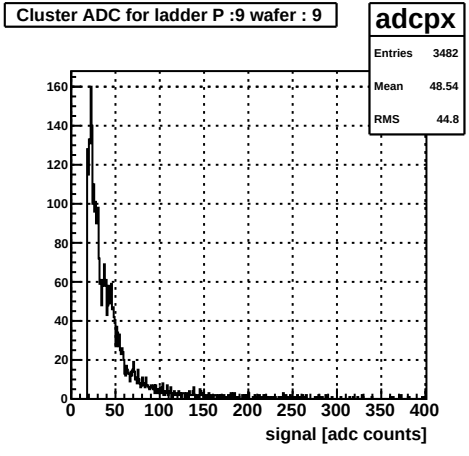

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 37154
Mean 44.4
RMS 41.58
signal [adc counts]

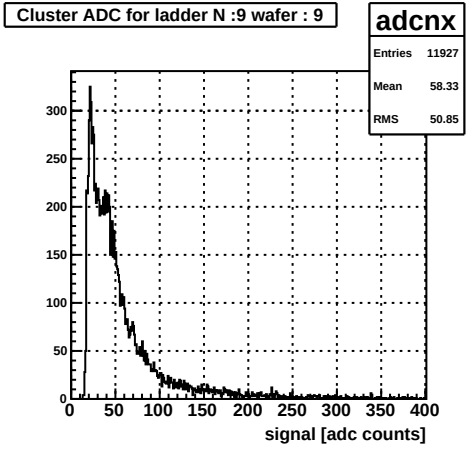

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 22448
Mean 42.85
RMS 44.56
signal [adc counts]

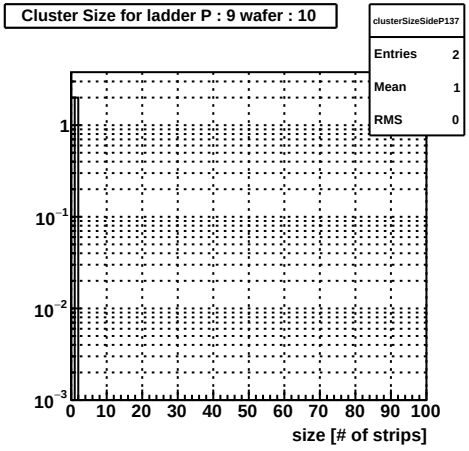

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 3482
Mean 1.228
RMS 0.5143
size [# of strips]

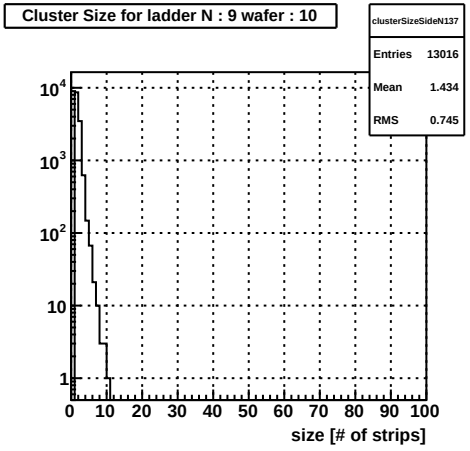

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 11927
Mean 1.402
RMS 0.7472
size [# of strips]

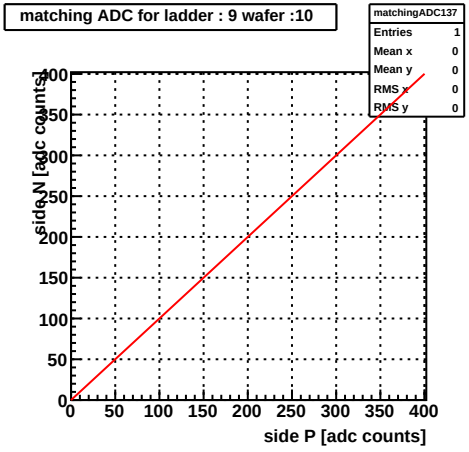

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1577
Mean x 65.82
Mean y 46.54
RMS x 56.27
RMS y 38.16
side N [adc counts]
side P [adc counts]

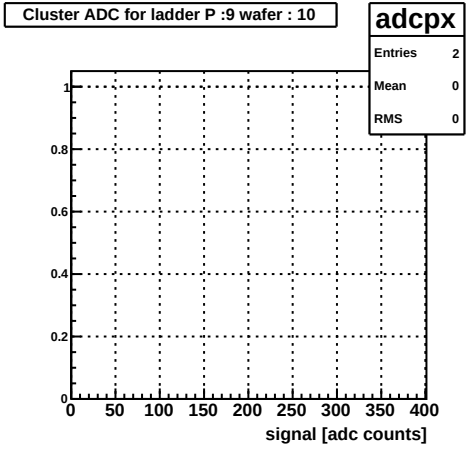

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 3482
Mean 48.54
RMS 44.8
signal [adc counts]

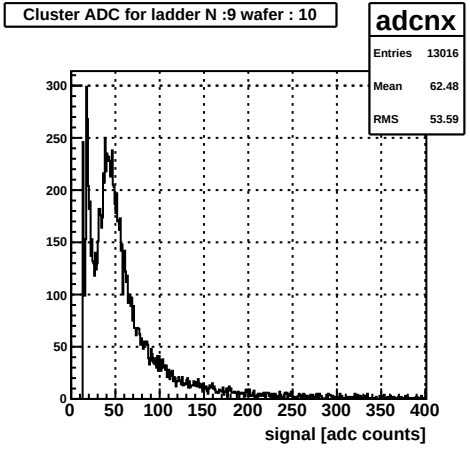

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 11927
Mean 58.33
RMS 50.85
signal [adc counts]

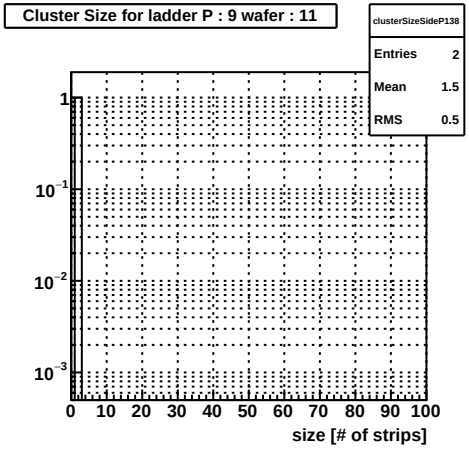

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 2
Mean 1
RMS 0
size [# of strips]

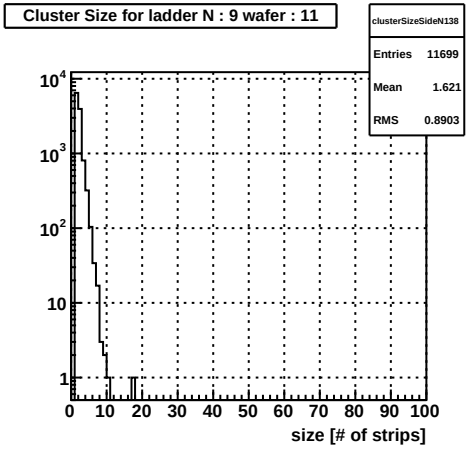

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 13016
Mean 1.434
RMS 0.745
size [# of strips]

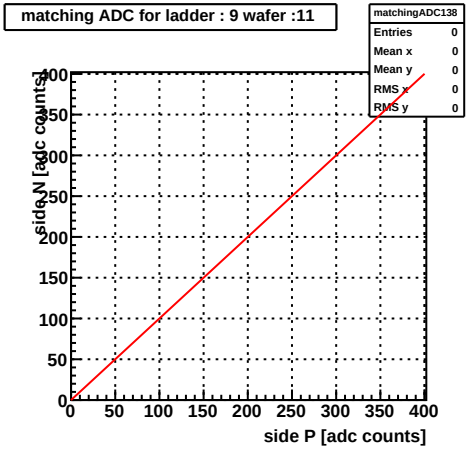

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

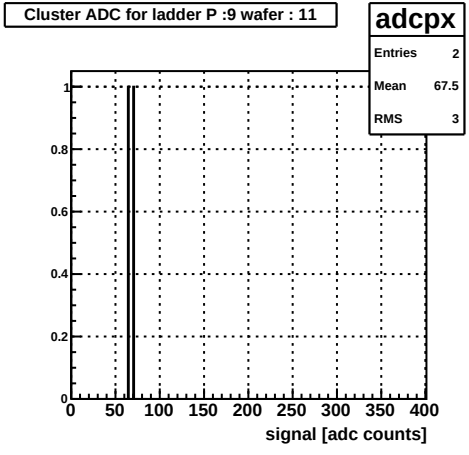

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

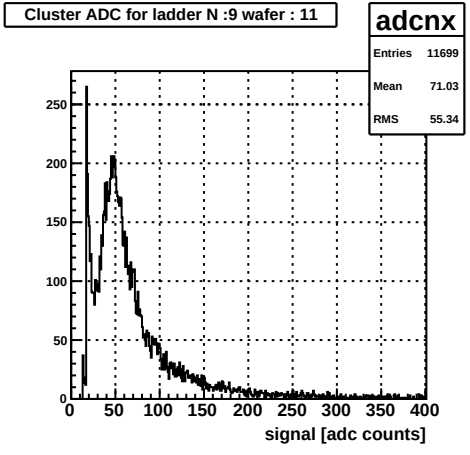

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 13016
Mean 62.48
RMS 53.59
signal [adc counts]

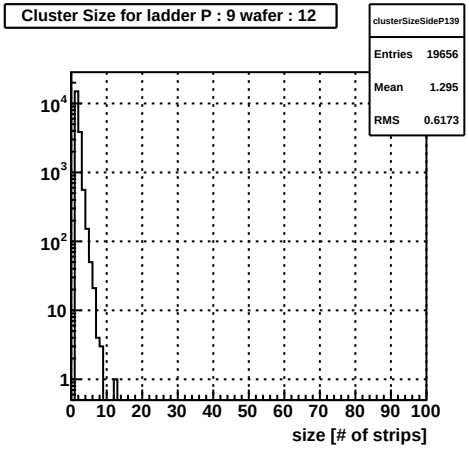

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

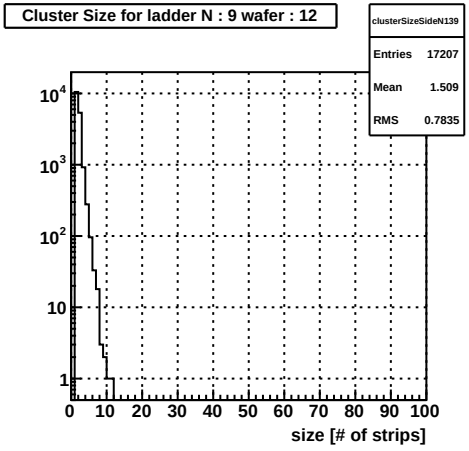

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11699
Mean 1.621
RMS 0.8903
size [# of strips]

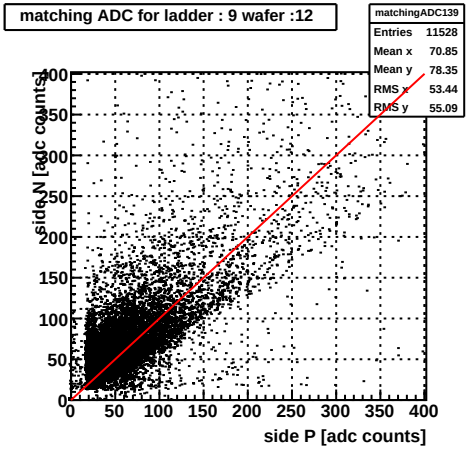

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

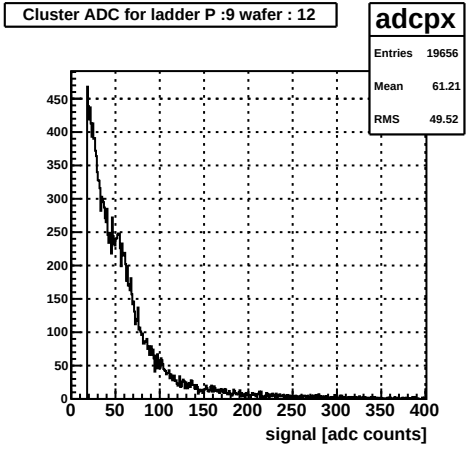

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 67.5
RMS 3
signal [adc counts]

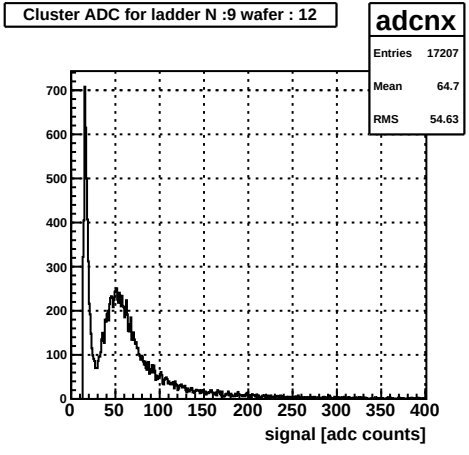

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11699
Mean 71.03
RMS 55.34
signal [adc counts]

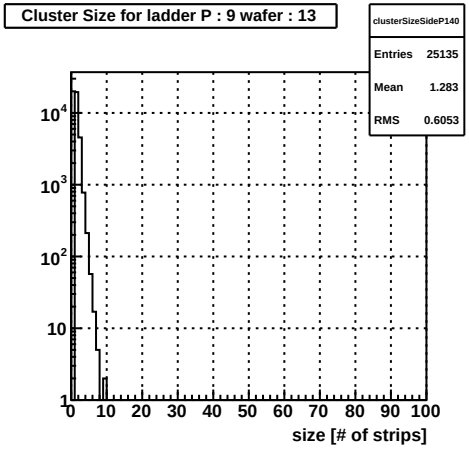

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 19656
Mean 1.295
RMS 0.6173
size [# of strips]

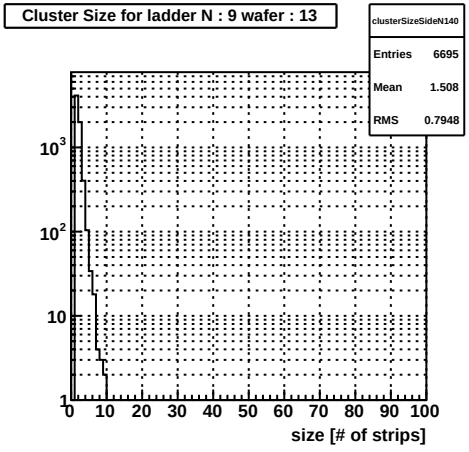

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 17207
Mean 1.509
RMS 0.7835
size [# of strips]

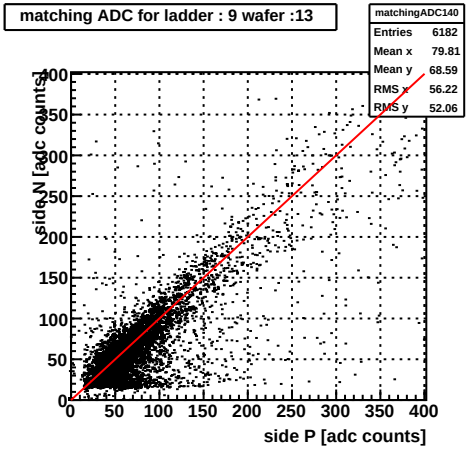

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 11528
Mean x 70.85
Mean y 78.35
RMS x 53.44
RMS y 55.09
side N [adc counts]
side P [adc counts]

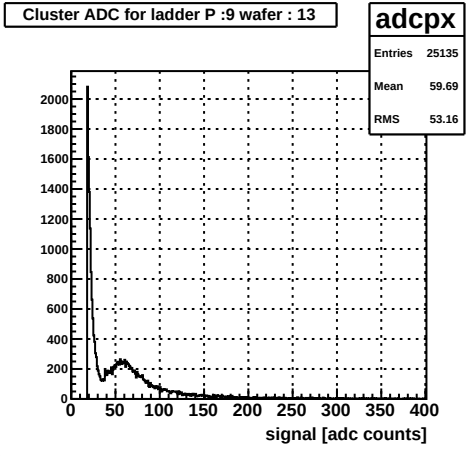

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 19656
Mean 61.21
RMS 49.52
signal [adc counts]

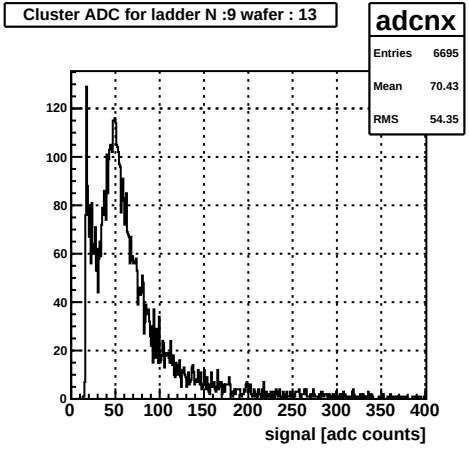

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 17207
Mean 64.7
RMS 54.63
signal [adc counts]

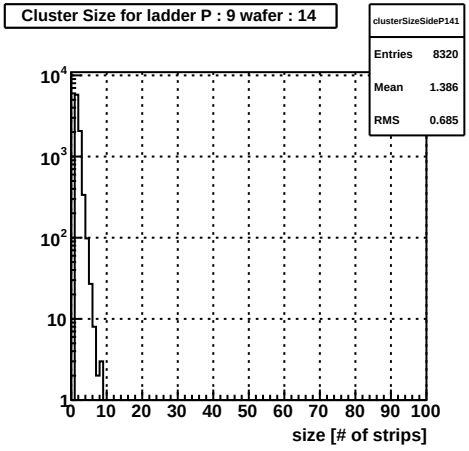

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 25135
Mean 1.283
RMS 0.6053
size [# of strips]

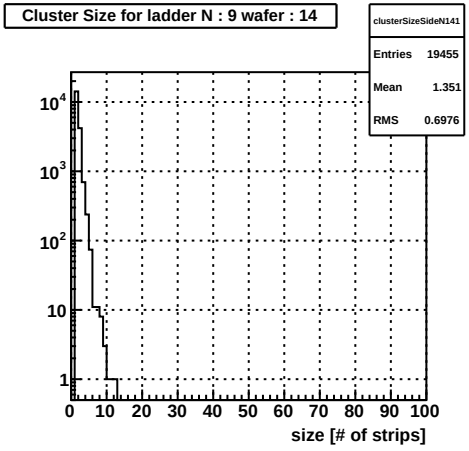

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6695
Mean 1.508
RMS 0.7948
size [# of strips]

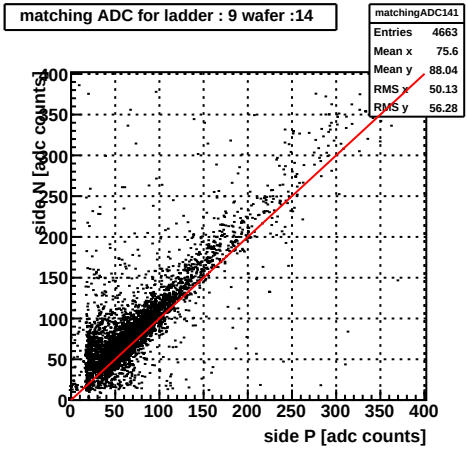

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 6182
Mean x 79.81
Mean y 68.59
RMS x 56.22
RMS y 52.06
side N [adc counts]
side P [adc counts]

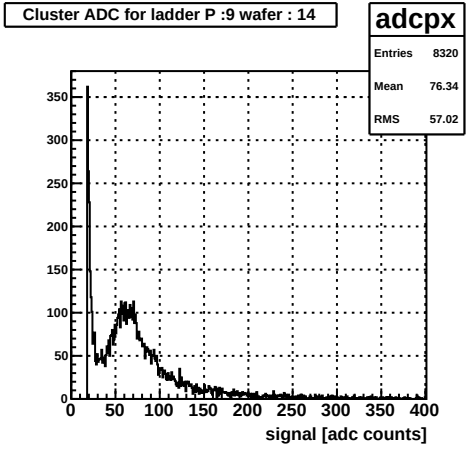

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 25135
Mean 59.69
RMS 53.16
signal [adc counts]

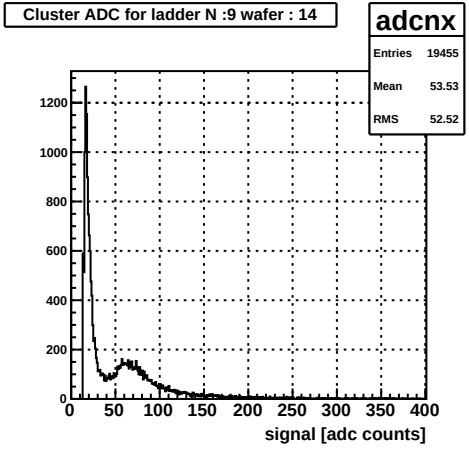

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6695
Mean 70.43
RMS 54.35
signal [adc counts]

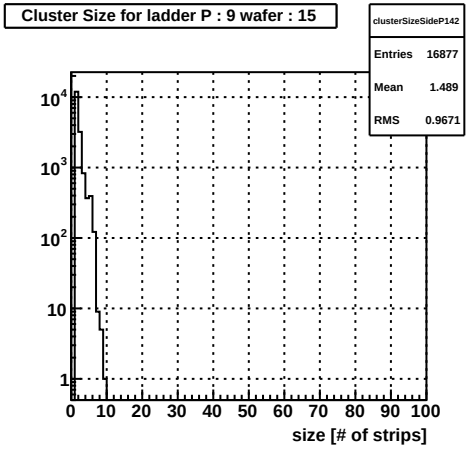

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 8320
Mean 1.386
RMS 0.685
size [# of strips]

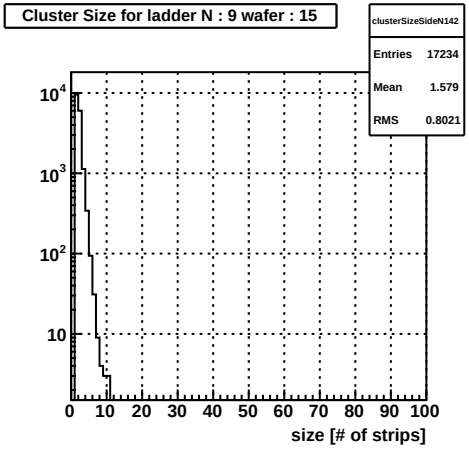

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 19455
Mean 1.351
RMS 0.6976
size [# of strips]

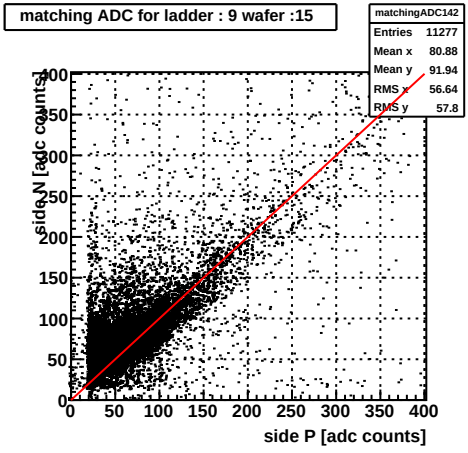

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 4663
Mean x 75.6
Mean y 88.04
RMS x 50.13
RMS y 56.28
side N [adc counts]
side P [adc counts]

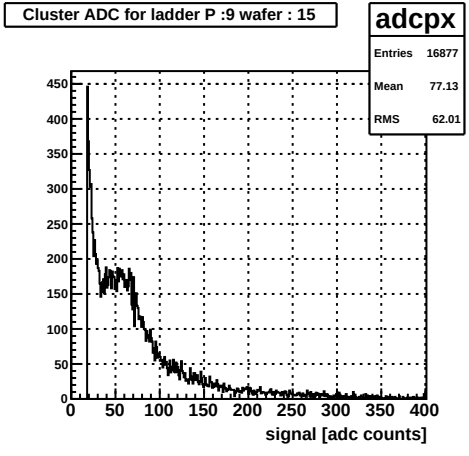

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 8320
Mean 76.34
RMS 57.02
signal [adc counts]

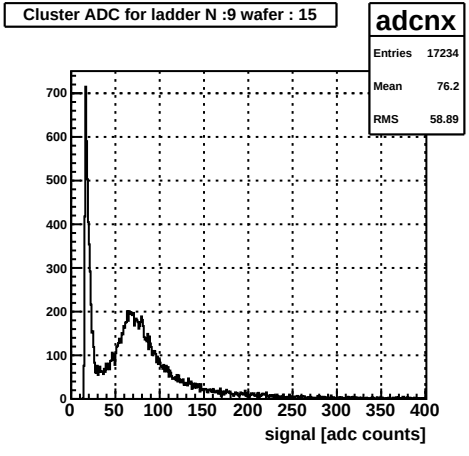

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 19455
Mean 53.53
RMS 52.52
signal [adc counts]

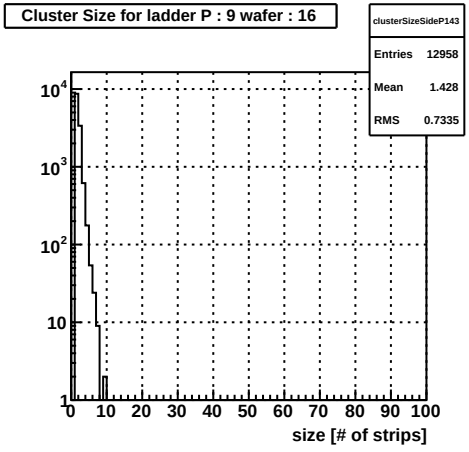

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 16877
Mean 1.489
RMS 0.9671
size [# of strips]

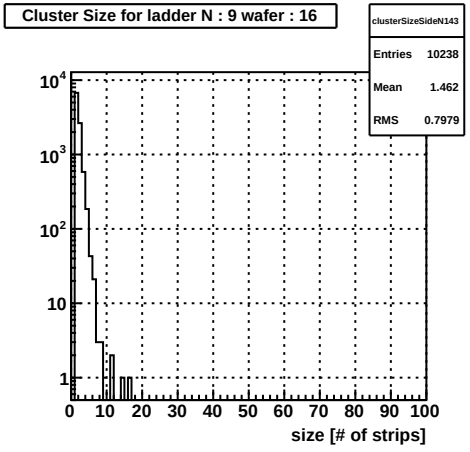

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 17234
Mean 1.579
RMS 0.8021
size [# of strips]

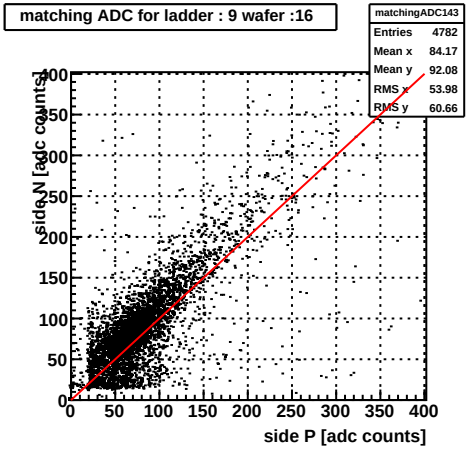

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 11277
Mean x 80.88
Mean y 91.94
RMS x 56.64
RMS y 57.8
side N [adc counts]
side P [adc counts]

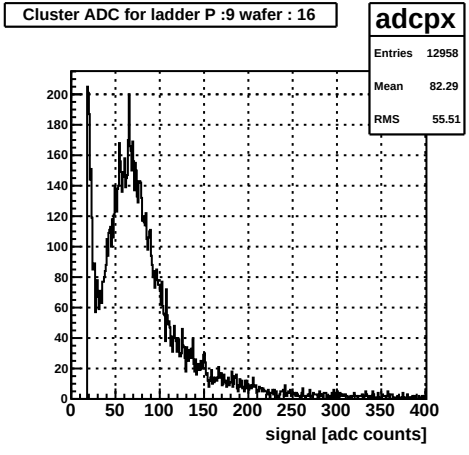

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 16877
Mean 77.13
RMS 62.01
signal [adc counts]

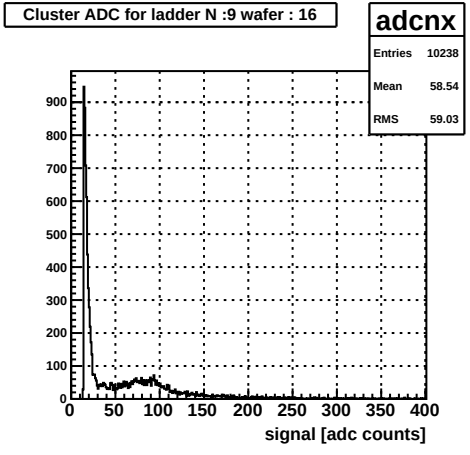

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 17234
Mean 76.2
RMS 58.89
signal [adc counts]

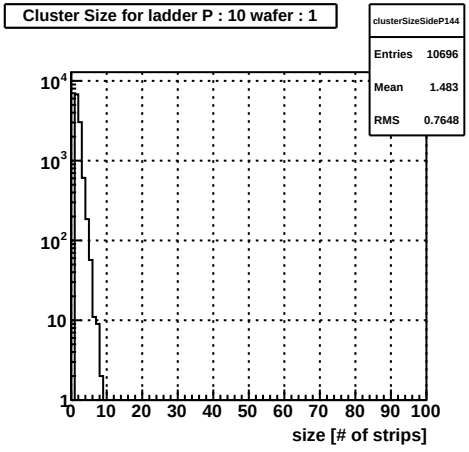

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 12958
Mean 1.428
RMS 0.7335
size [# of strips]

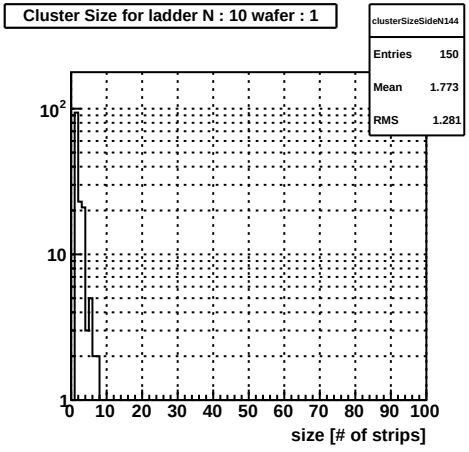

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 10238
Mean 1.462
RMS 0.7979
size [# of strips]

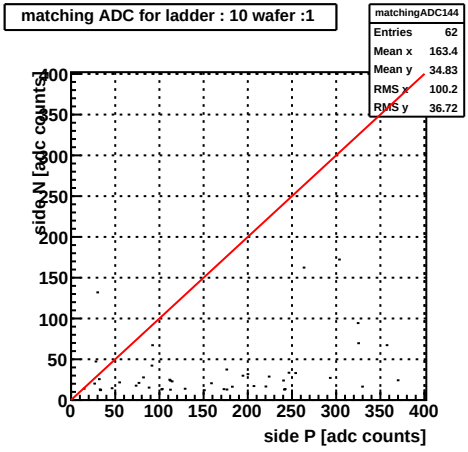

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 4782
Mean x 84.17
Mean y 92.08
RMS x 53.98
RMS y 60.66
side N [adc counts]
side P [adc counts]

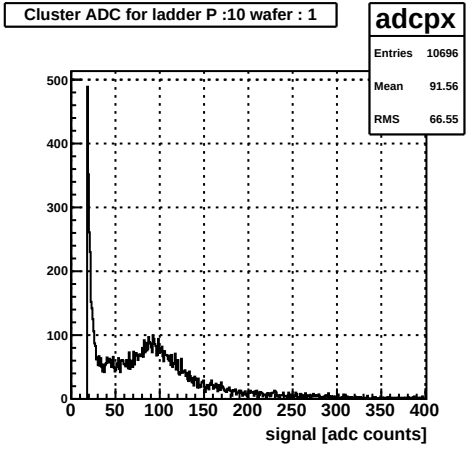

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 12958
Mean 82.29
RMS 55.51
signal [adc counts]

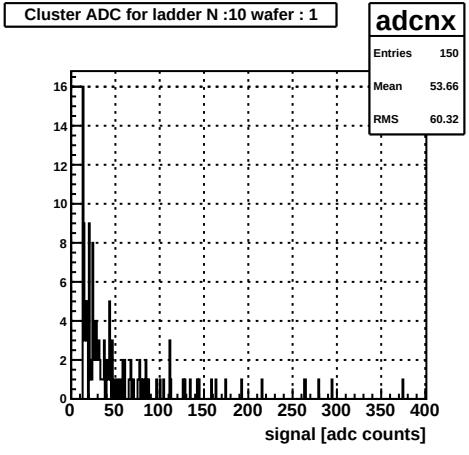

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 10238
Mean 58.54
RMS 59.03
signal [adc counts]

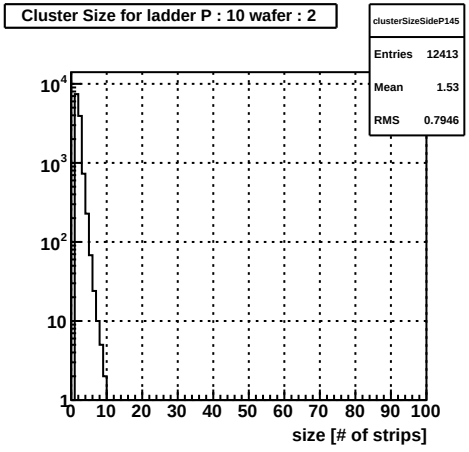

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 10696
Mean 1.483
RMS 0.7648
size [# of strips]

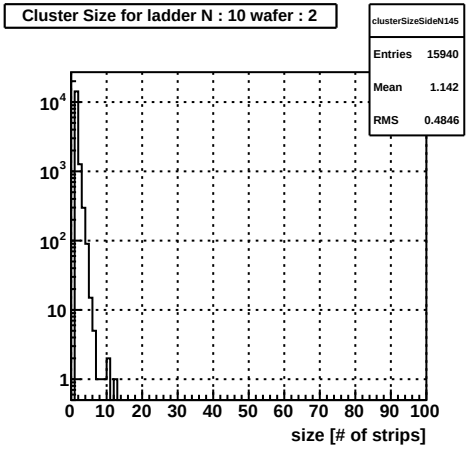

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 150
Mean 1.773
RMS 1.281
size [# of strips]

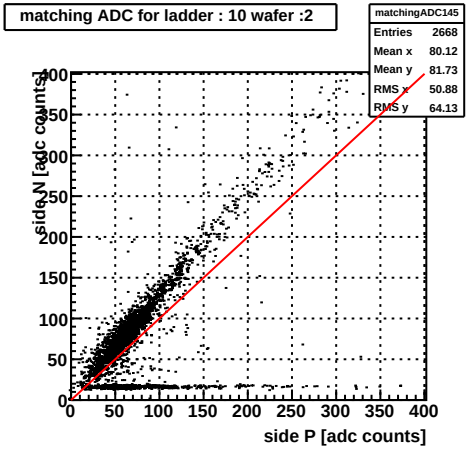

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 62
Mean x 163.4
Mean y 34.83
RMS x 100.2
RMS y 36.72
side N [adc counts]
side P [adc counts]

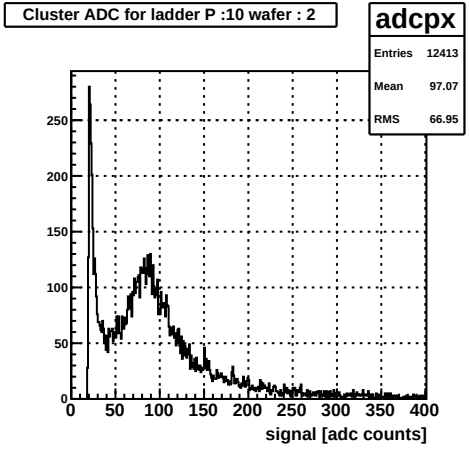

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 10696
Mean 91.56
RMS 66.55
signal [adc counts]

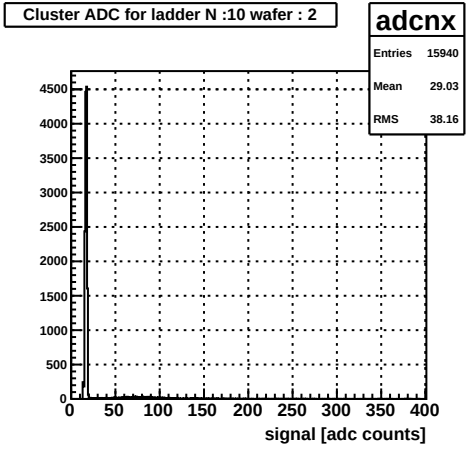

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 150
Mean 53.66
RMS 60.32
signal [adc counts]

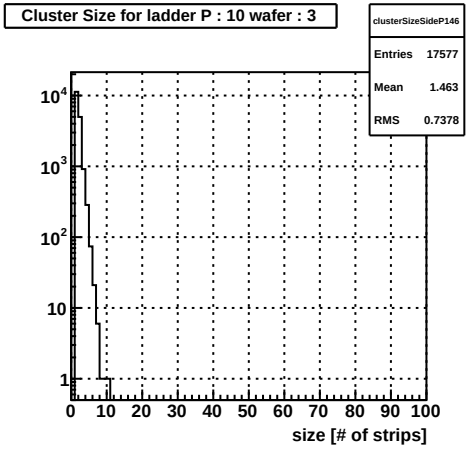

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 12413
Mean 1.53
RMS 0.7946
size [# of strips]

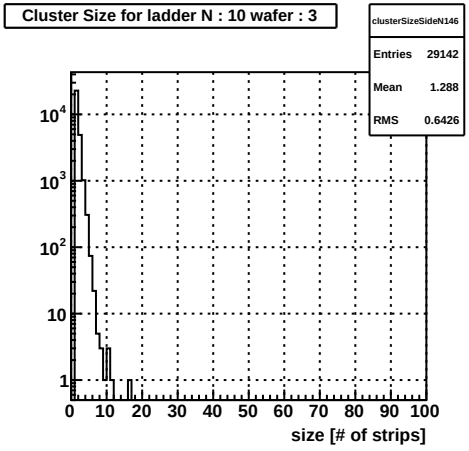

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 15940
Mean 1.142
RMS 0.4846
size [# of strips]

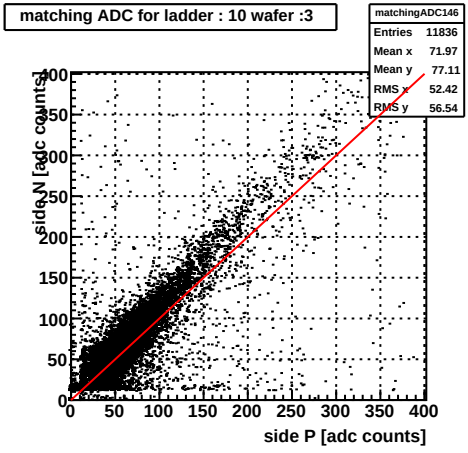

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 2668
Mean x 80.12
Mean y 81.73
RMS x 50.88
RMS y 64.13
side N [adc counts]
side P [adc counts]

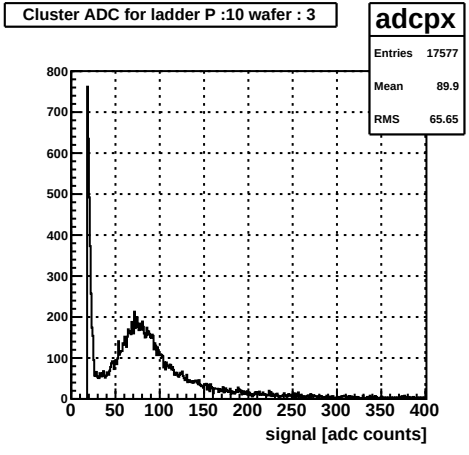

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 12413
Mean 97.07
RMS 66.95
signal [adc counts]

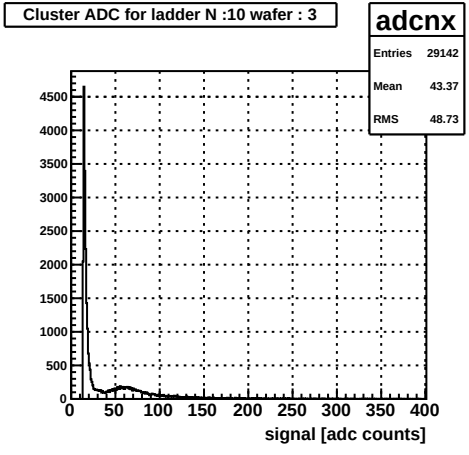

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 15940
Mean 29.03
RMS 38.16
signal [adc counts]

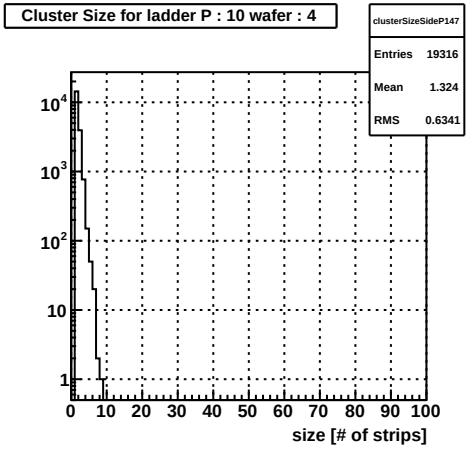

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 17577
Mean 1.463
RMS 0.7378
size [# of strips]

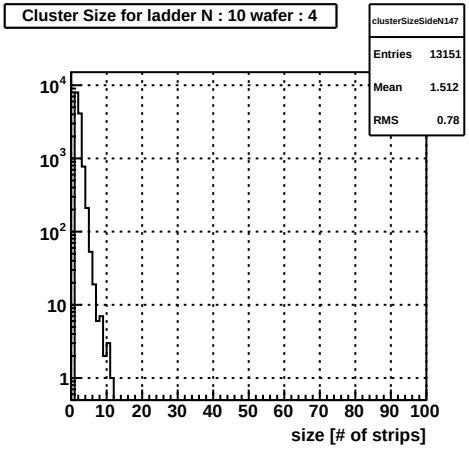

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 29142
Mean 1.288
RMS 0.6426
size [# of strips]

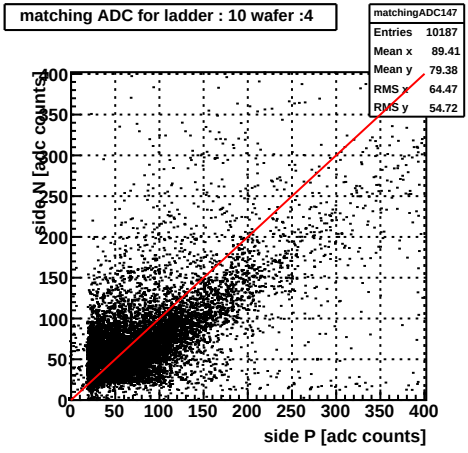

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 11836
Mean x 71.97
Mean y 77.11
RMS x 52.42
RMS y 56.54
side N [adc counts]
side P [adc counts]

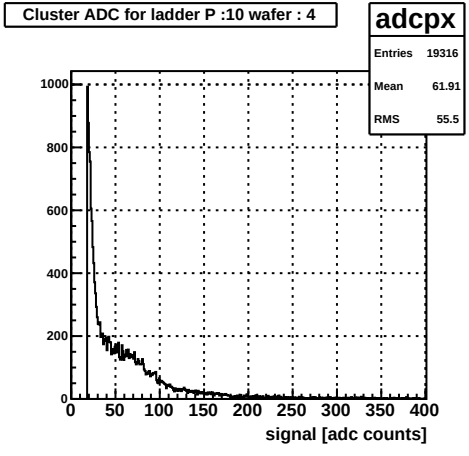

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 17577
Mean 89.9
RMS 65.65
signal [adc counts]

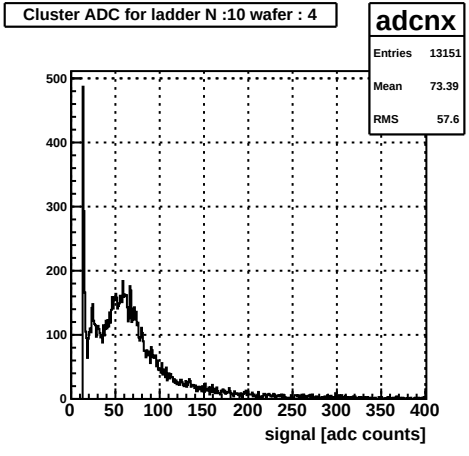

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 29142
Mean 43.37
RMS 48.73
signal [adc counts]

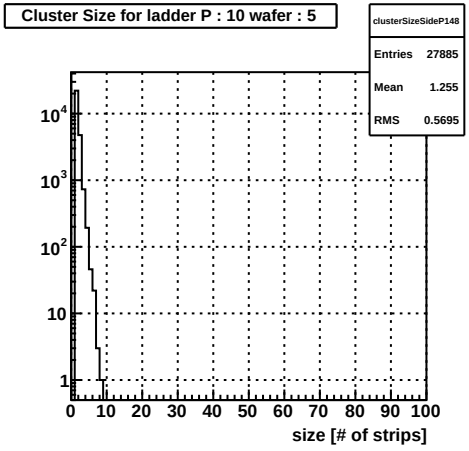

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 19316
Mean 1.324
RMS 0.6341
size [# of strips]

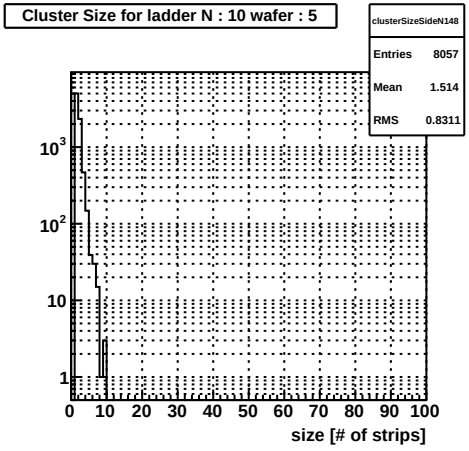

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 13151
Mean 1.512
RMS 0.78
size [# of strips]

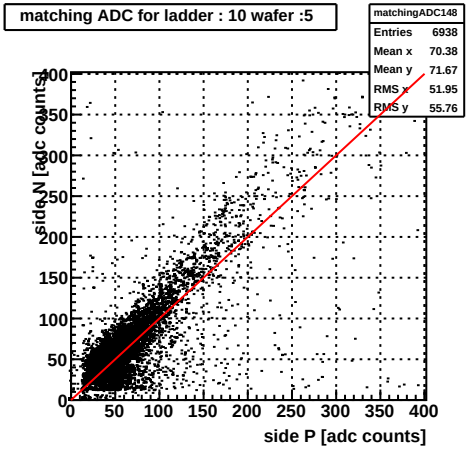

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 10187
Mean x 89.41
Mean y 79.38
RMS x 64.47
RMS y 54.72
side N [adc counts]
side P [adc counts]

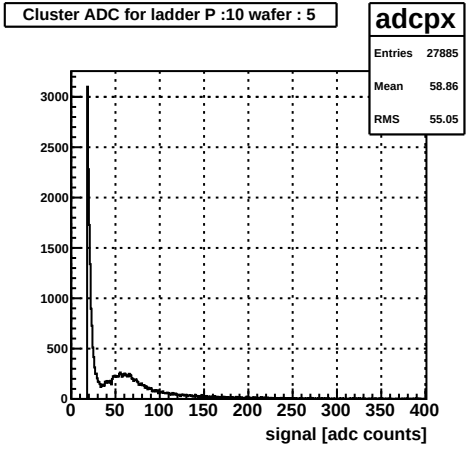

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 19316
Mean 61.91
RMS 55.5
signal [adc counts]

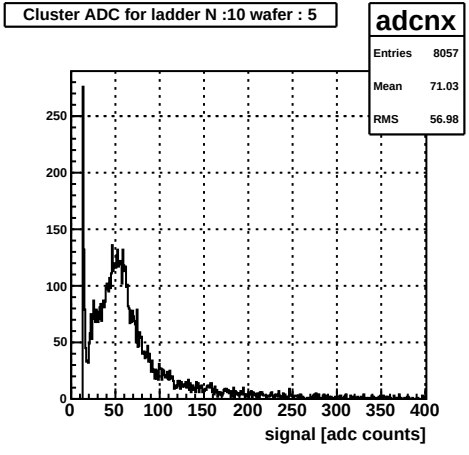

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 13151
Mean 73.39
RMS 57.6
signal [adc counts]

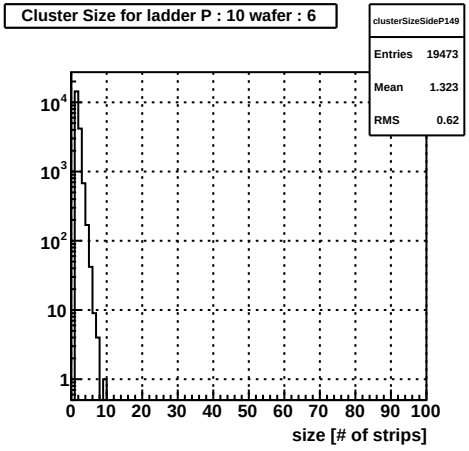

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 27885
Mean 1.255
RMS 0.5695
size [# of strips]

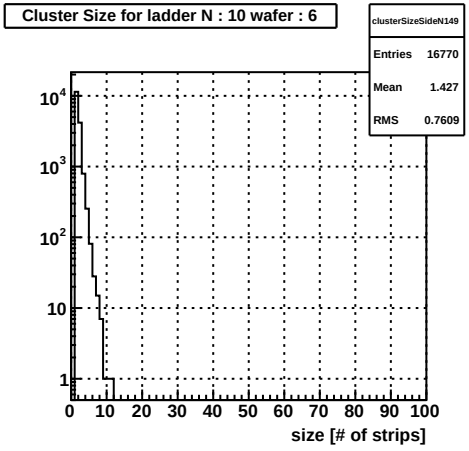

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 8057
Mean 1.514
RMS 0.8311
size [# of strips]

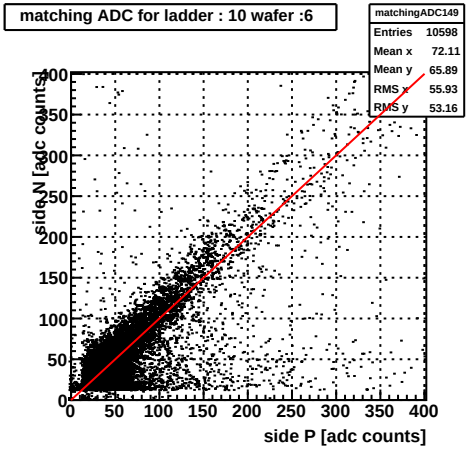

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 6938
Mean x 70.38
Mean y 71.67
RMS x 51.95
RMS y 55.76
side N [adc counts]
side P [adc counts]

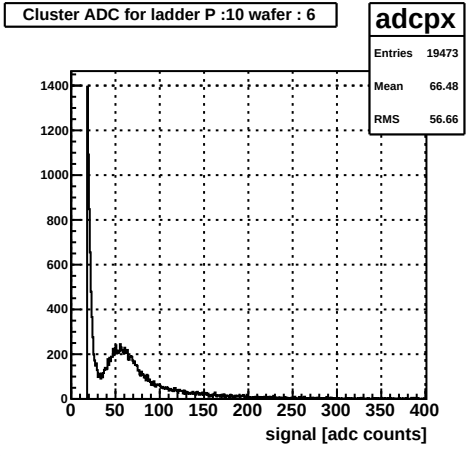

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 27885
Mean 58.86
RMS 55.05
signal [adc counts]

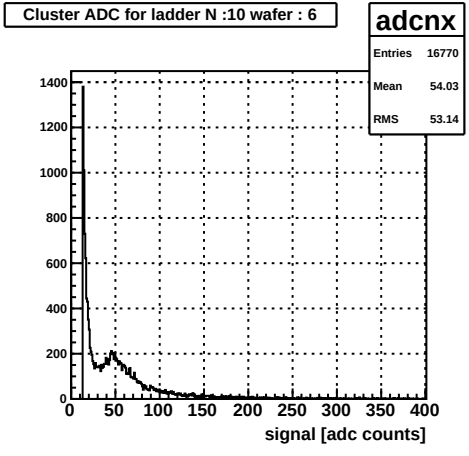

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 8057
Mean 71.03
RMS 56.98
signal [adc counts]

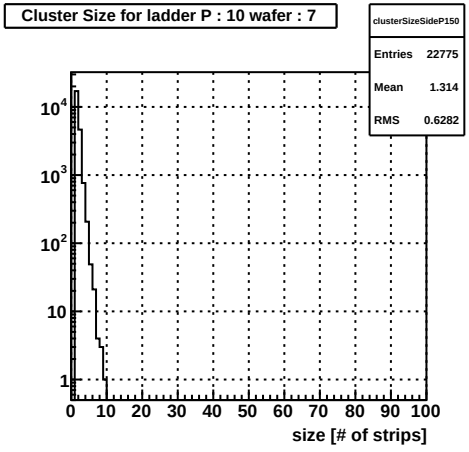

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 19473
Mean 1.323
RMS 0.62
size [# of strips]

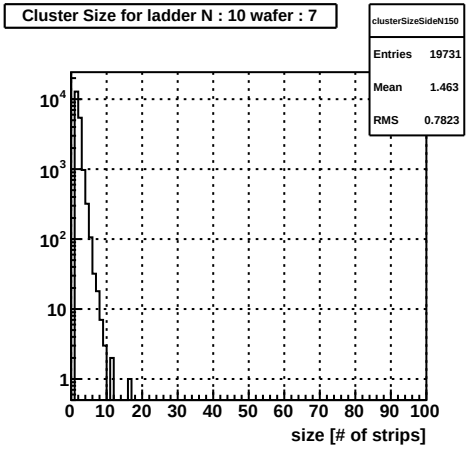

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 16770
Mean 1.427
RMS 0.7609
size [# of strips]

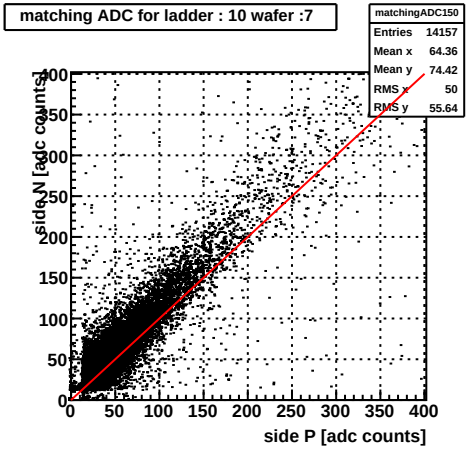

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 10598
Mean x 72.11
Mean y 65.89
RMS x 55.93
RMS y 53.16
side N [adc counts]
side P [adc counts]

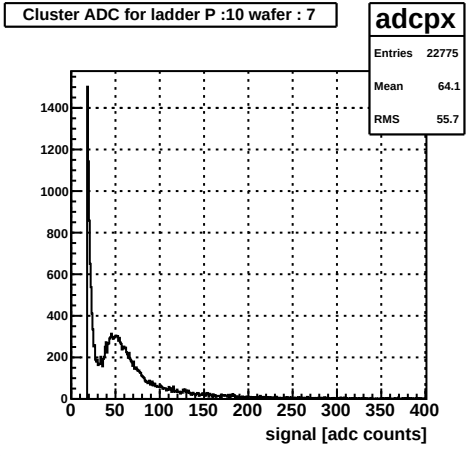

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 19473
Mean 66.48
RMS 56.66
signal [adc counts]

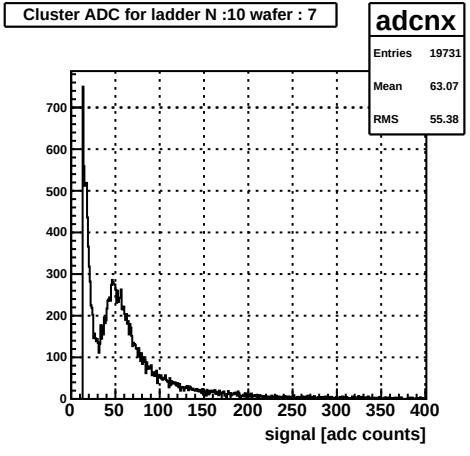

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 16770
Mean 54.03
RMS 53.14
signal [adc counts]

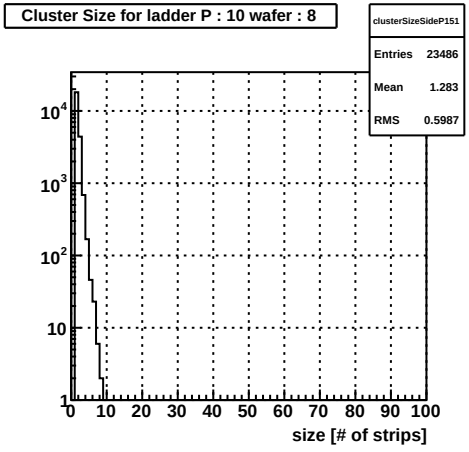

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 22775
Mean 1.314
RMS 0.6282
size [# of strips]

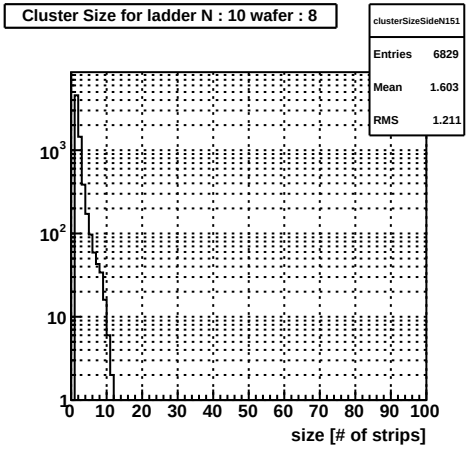

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 19731
Mean 1.463
RMS 0.7823
size [# of strips]

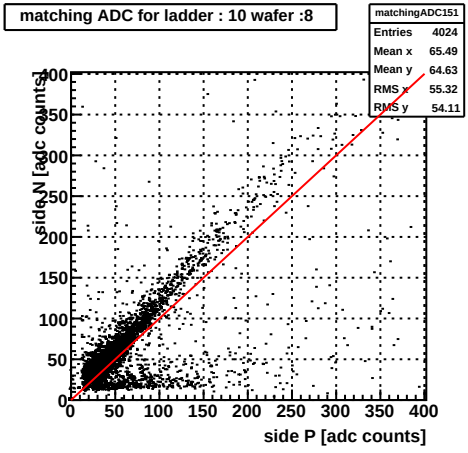

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 14157
Mean x 64.36
Mean y 74.42
RMS x 50
RMS y 55.64
side N [adc counts]
side P [adc counts]

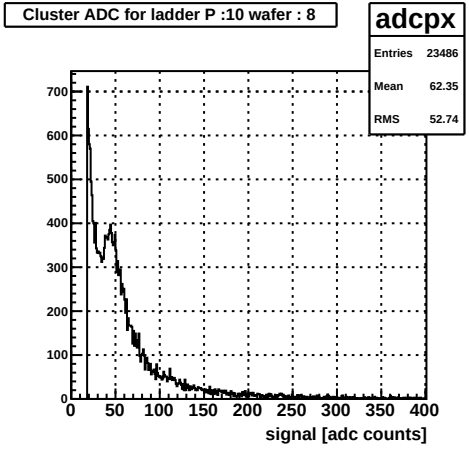

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 22775
Mean 64.1
RMS 55.7
signal [adc counts]

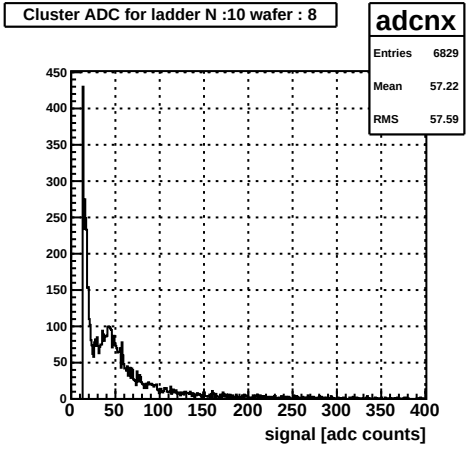

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 19731
Mean 63.07
RMS 55.38
signal [adc counts]

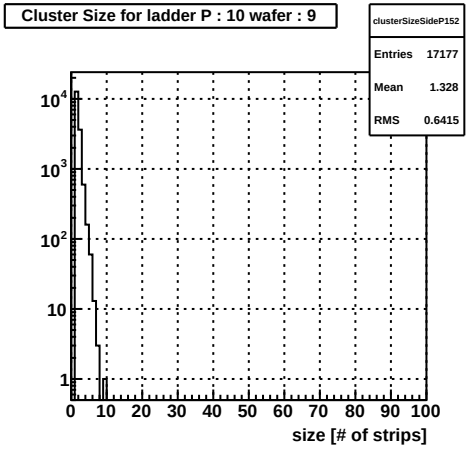

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 23486
Mean 1.283
RMS 0.5987
size [# of strips]

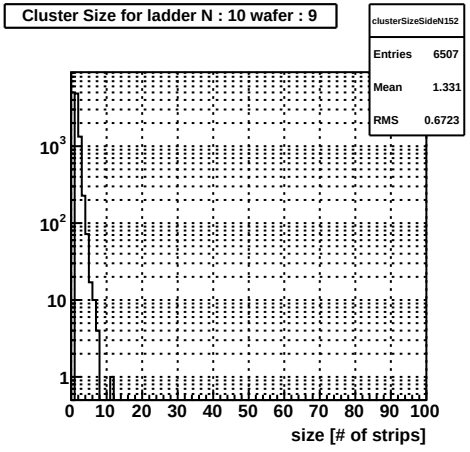

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 6829
Mean 1.603
RMS 1.211
size [# of strips]

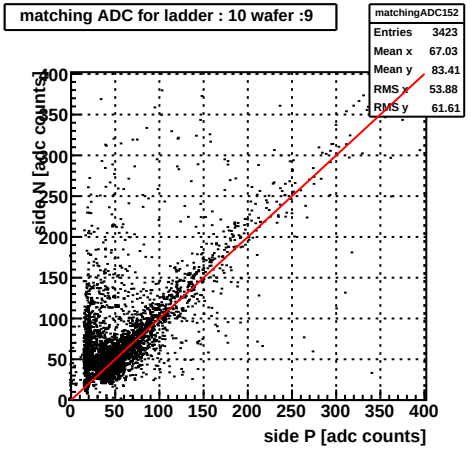

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 4024
Mean x 65.49
Mean y 64.63
RMS x 55.32
RMS y 54.11
side N [adc counts]
side P [adc counts]

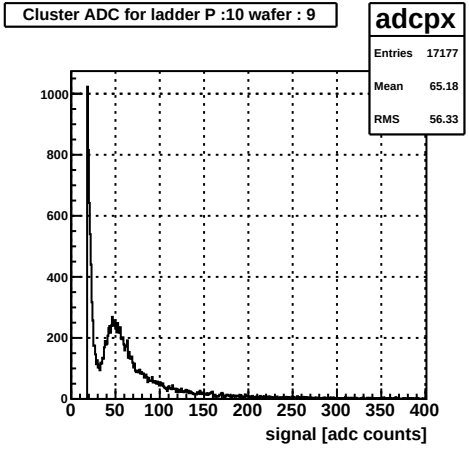

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 23486
Mean 62.35
RMS 52.74
signal [adc counts]

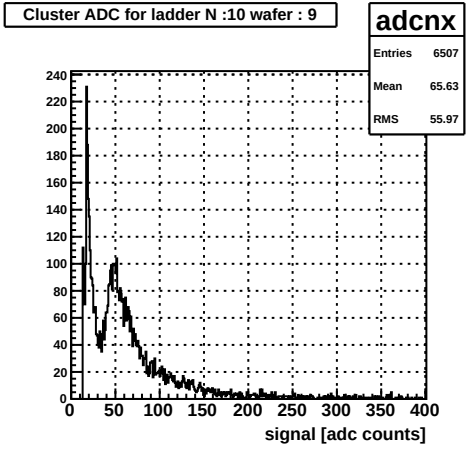

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 6829
Mean 57.22
RMS 57.59
signal [adc counts]

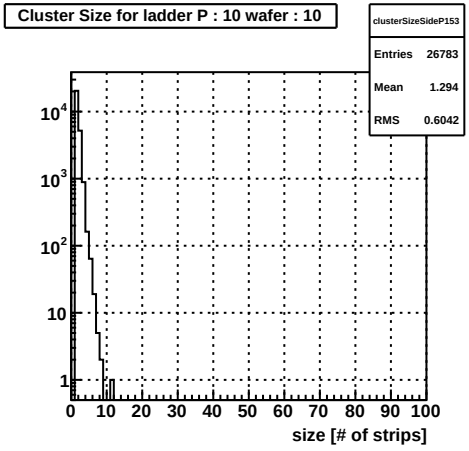

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 17177
Mean 1.328
RMS 0.6415
size [# of strips]

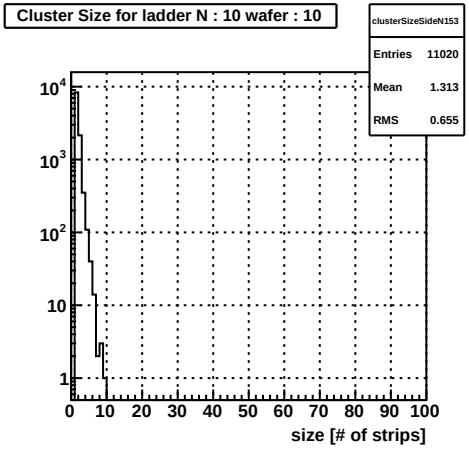

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 6507
Mean 1.331
RMS 0.6723
size [# of strips]

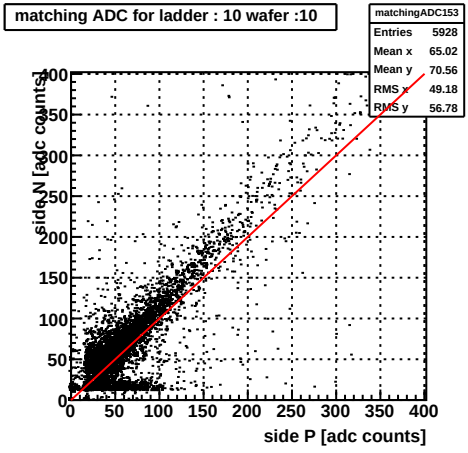

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3423
Mean x 67.03
Mean y 83.41
RMS x 53.88
RMS y 61.61
side N [adc counts]
side P [adc counts]

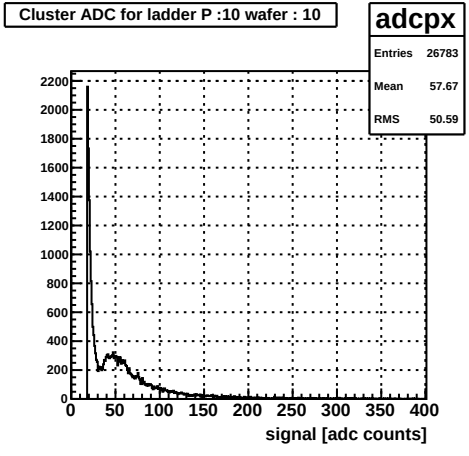

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 17177
Mean 65.18
RMS 56.33
signal [adc counts]

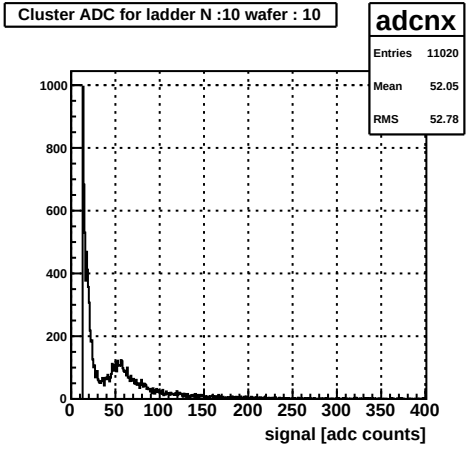

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 6507
Mean 65.63
RMS 55.97
signal [adc counts]

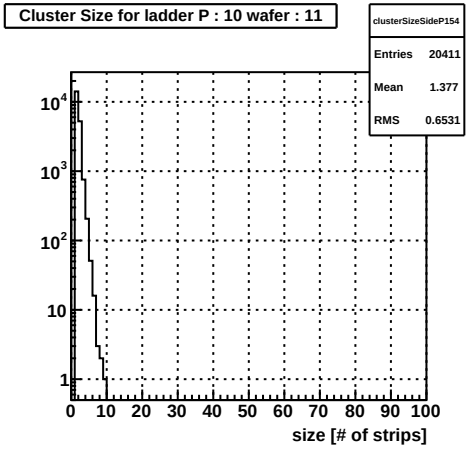

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 26783
Mean 1.294
RMS 0.6042
size [# of strips]

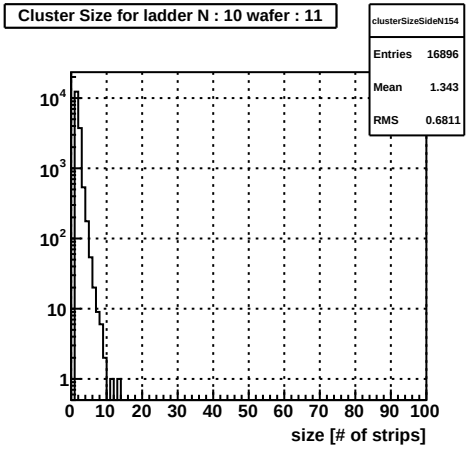

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 11020
Mean 1.313
RMS 0.655
size [# of strips]

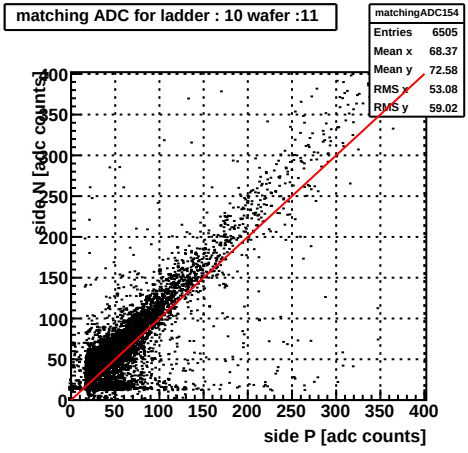

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 5928
Mean x 65.02
Mean y 70.56
RMS x 49.18
RMS y 56.78
side N [adc counts]
side P [adc counts]

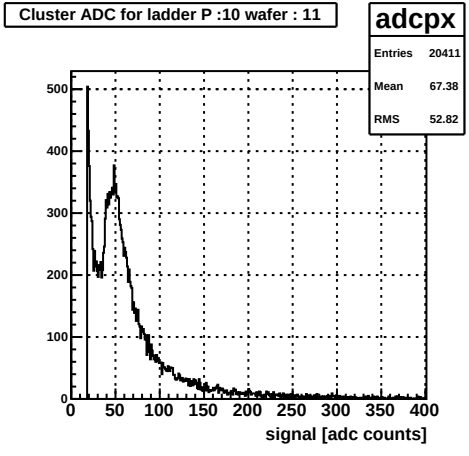

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 26783
Mean 57.67
RMS 50.59
signal [adc counts]

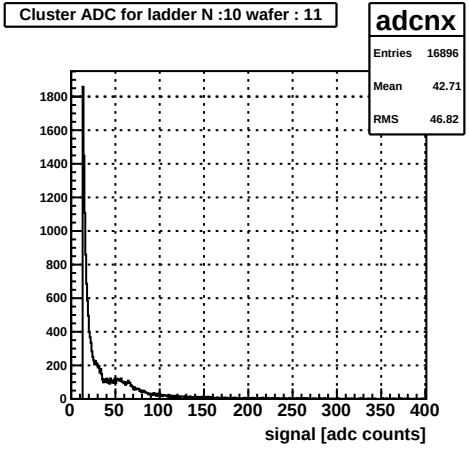

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 11020
Mean 52.05
RMS 52.78
signal [adc counts]

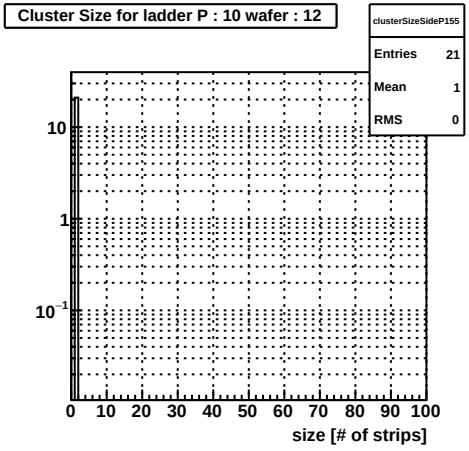

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 20411
Mean 1.377
RMS 0.6531
size [# of strips]

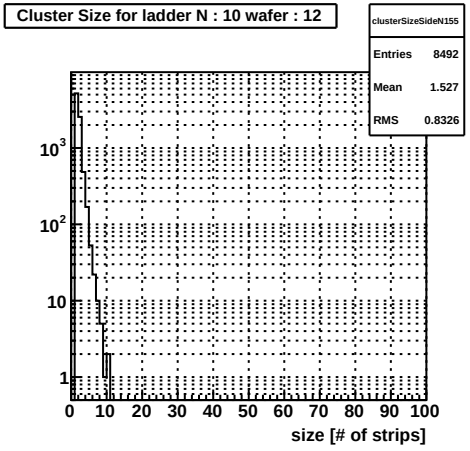

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 16896
Mean 1.343
RMS 0.6811
size [# of strips]

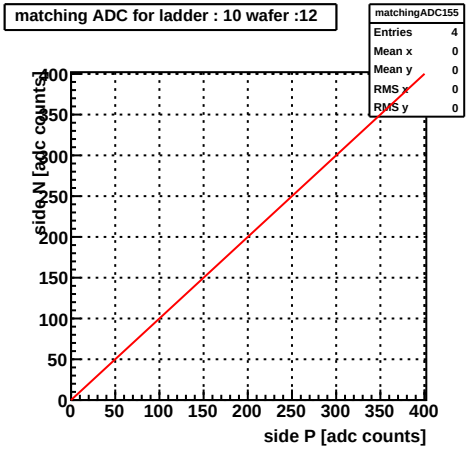

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6505
Mean x 68.37
Mean y 72.58
RMS x 53.08
RMS y 59.02
side N [adc counts]
side P [adc counts]

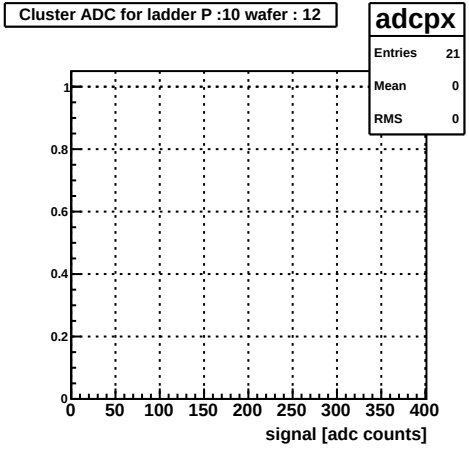

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 20411
Mean 67.38
RMS 52.82
signal [adc counts]

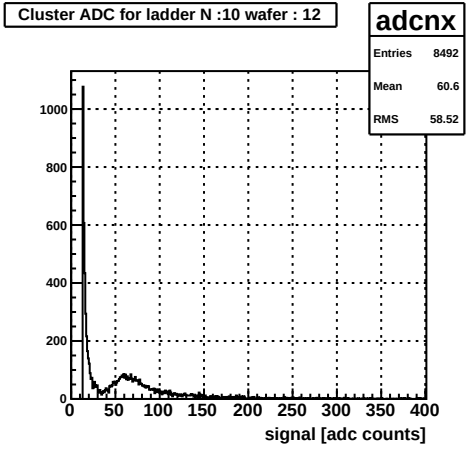

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 16896
Mean 42.71
RMS 46.82
signal [adc counts]

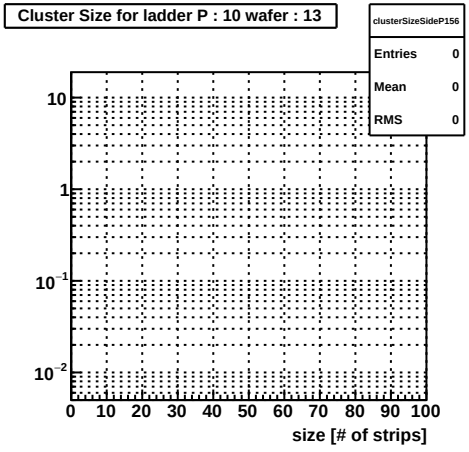

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 21
Mean 1
RMS 0
size [# of strips]

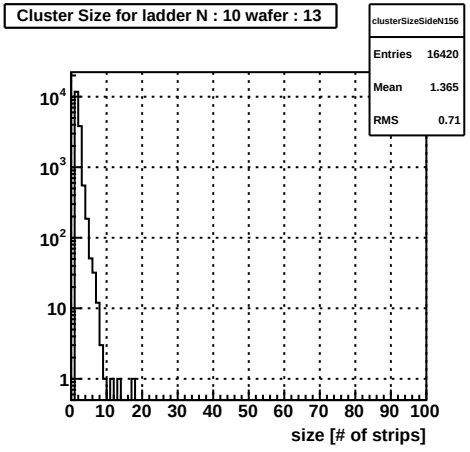

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 8492
Mean 1.527
RMS 0.8326
size [# of strips]

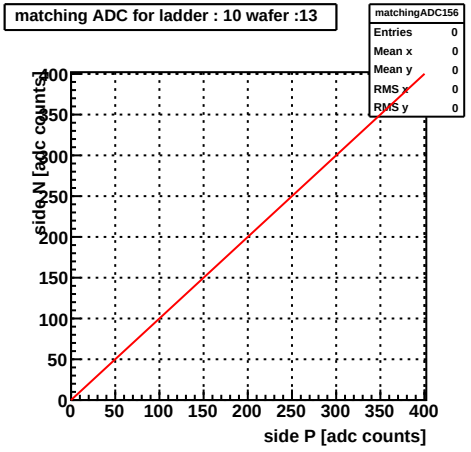

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

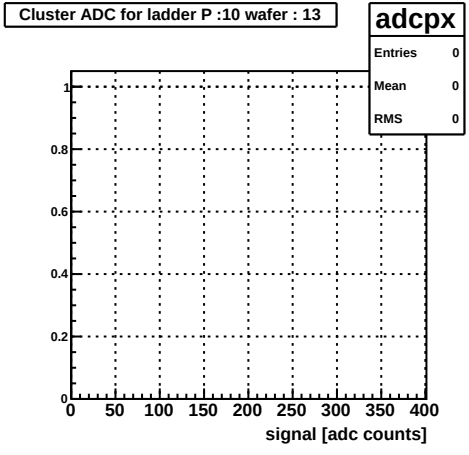

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 21
Mean 0
RMS 0
signal [adc counts]

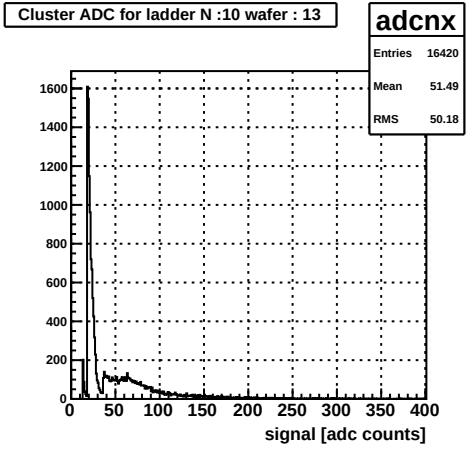

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 8492
Mean 60.6
RMS 58.52
signal [adc counts]

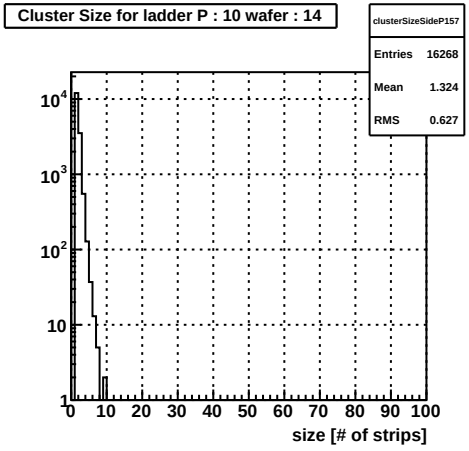

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

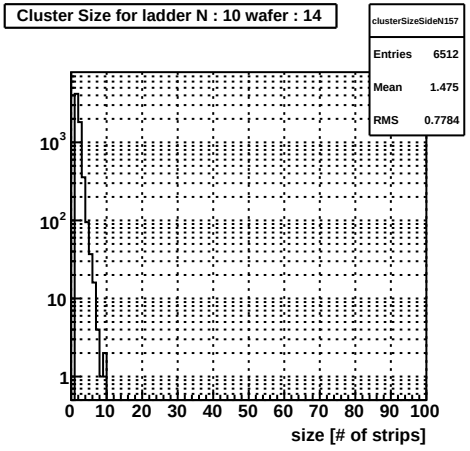

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 16420
Mean 1.365
RMS 0.71
size [# of strips]

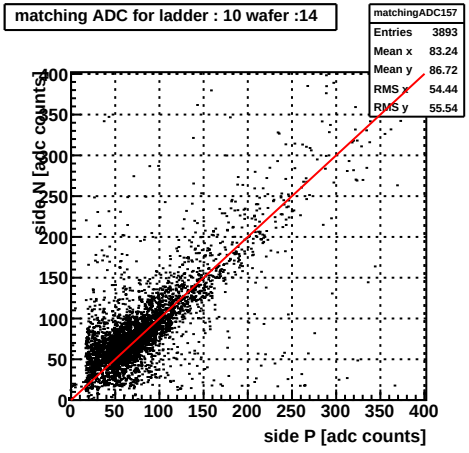

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

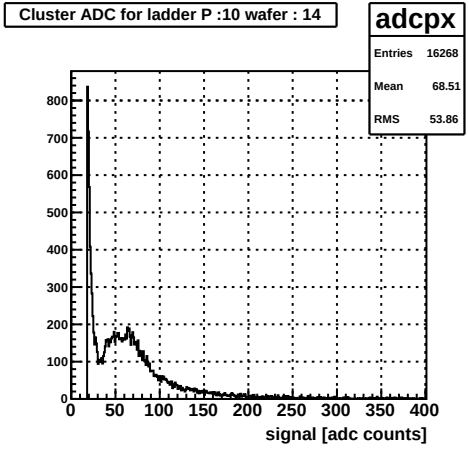

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

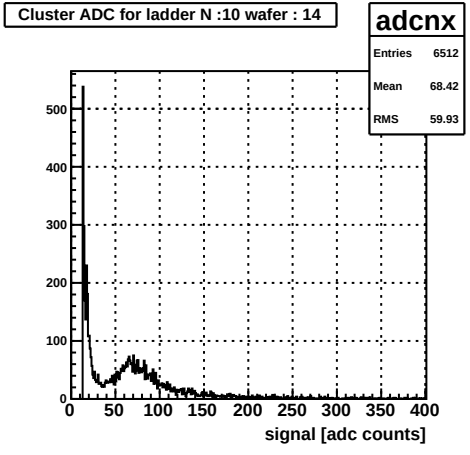

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 16420
Mean 51.49
RMS 50.18
signal [adc counts]

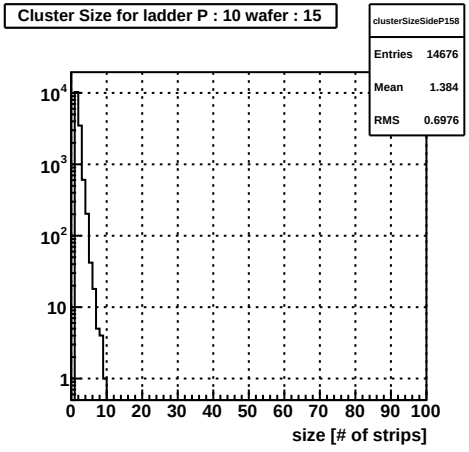

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 16268
Mean 1.324
RMS 0.627
size [# of strips]

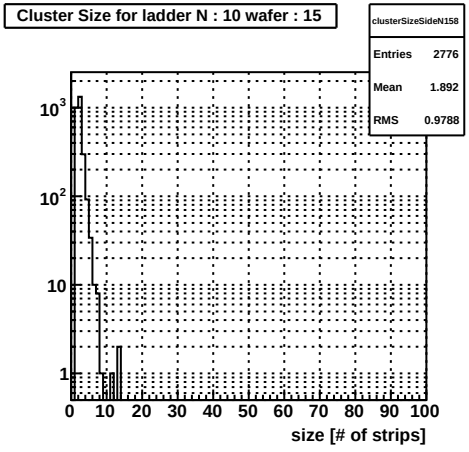

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 6512
Mean 1.475
RMS 0.7784
size [# of strips]

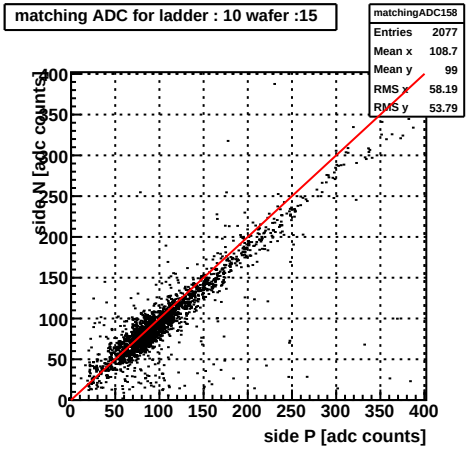

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 3893
Mean x 83.24
Mean y 86.72
RMS x 54.44
RMS y 55.54
side N [adc counts]
side P [adc counts]

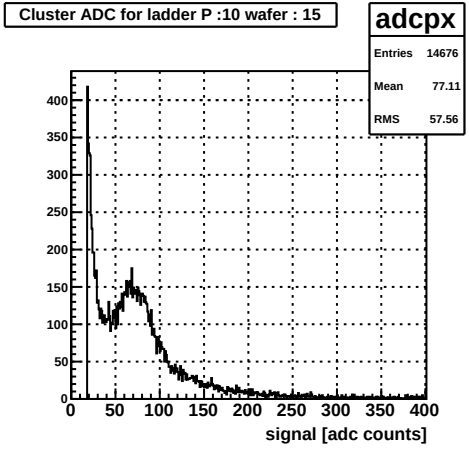

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 16268
Mean 68.51
RMS 53.86
signal [adc counts]

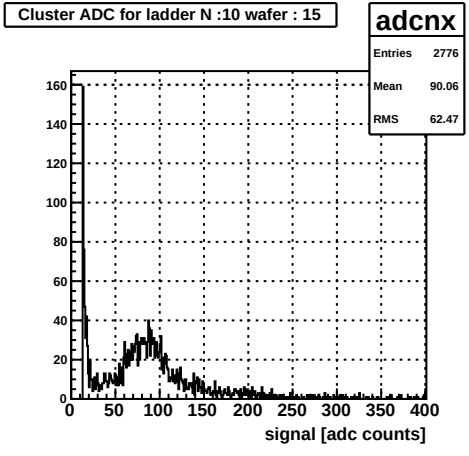

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 6512
Mean 68.42
RMS 59.93
signal [adc counts]

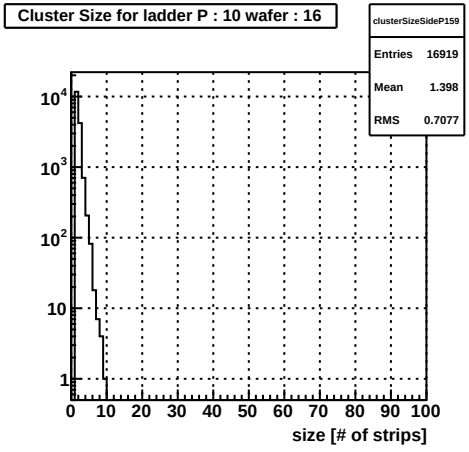

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 14676
Mean 1.384
RMS 0.6976
size [# of strips]

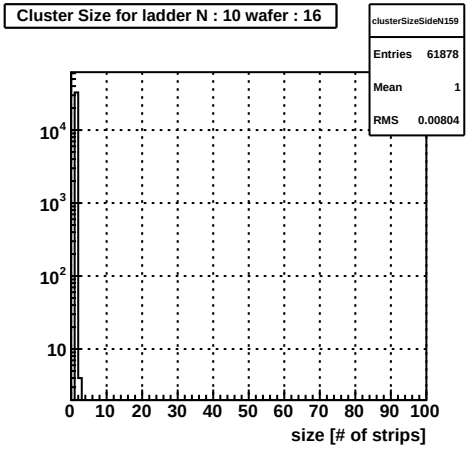

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 2776
Mean 1.892
RMS 0.9788
size [# of strips]

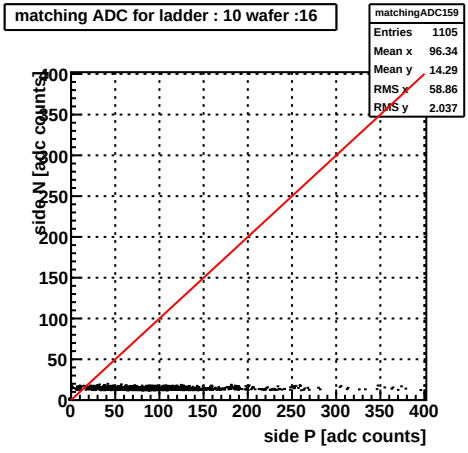

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 2077
Mean x 108.7
Mean y 99
RMS x 58.19
RMS y 53.79
side N [adc counts]
side P [adc counts]

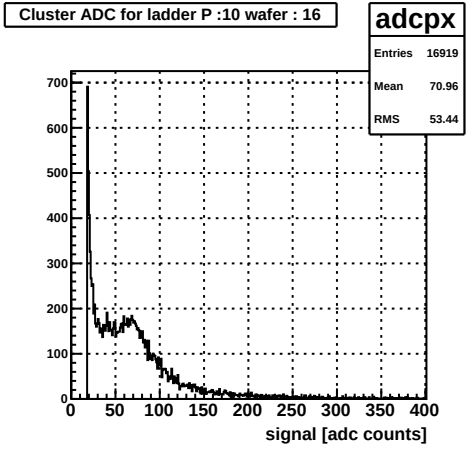

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 14676
Mean 77.11
RMS 57.56
signal [adc counts]

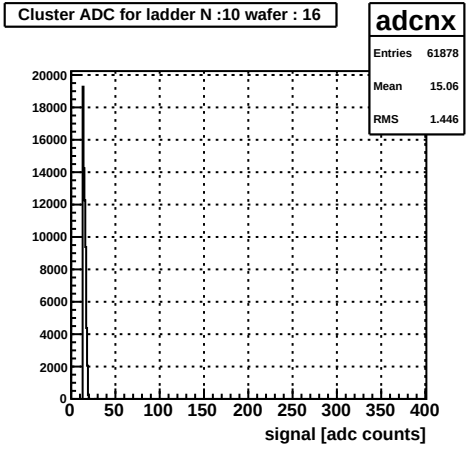

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 2776
Mean 90.06
RMS 62.47
signal [adc counts]

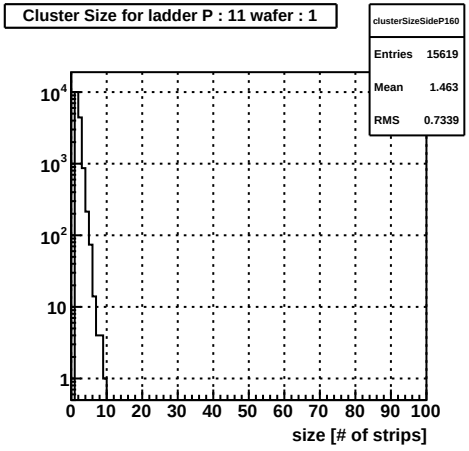

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 16919
Mean 1.398
RMS 0.7077
size [# of strips]

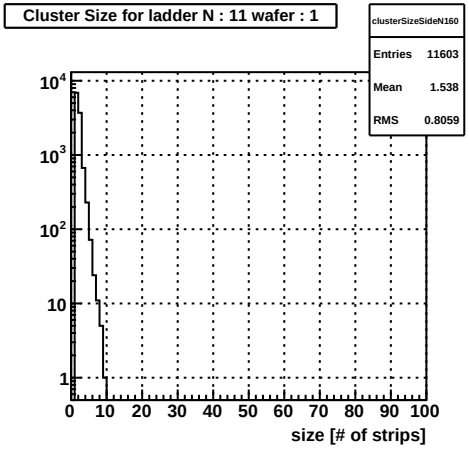

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 61878
Mean 1
RMS 0.00804
size [# of strips]

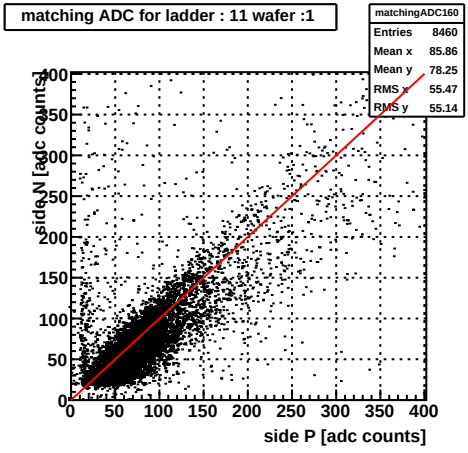

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1105
Mean x 96.34
Mean y 14.29
RMS x 58.86
RMS y 2.037
side N [adc counts]
side P [adc counts]

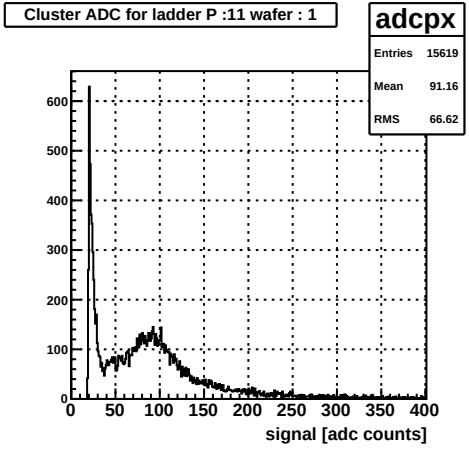

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 16919
Mean 70.96
RMS 53.44
signal [adc counts]

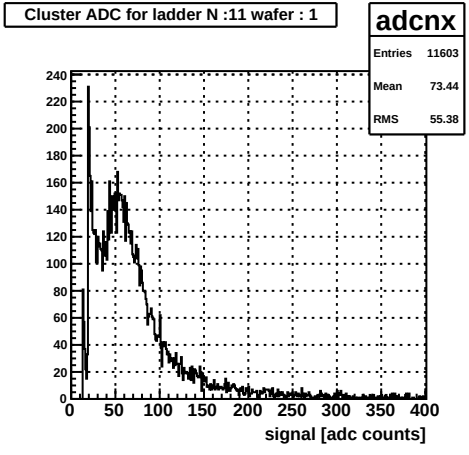

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 61878
Mean 15.06
RMS 1.446
signal [adc counts]

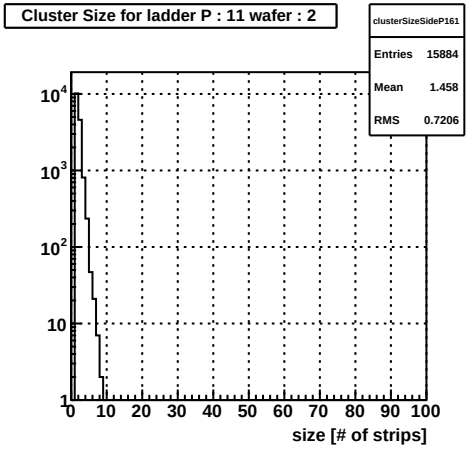

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 15619
Mean 1.463
RMS 0.7339
size [# of strips]

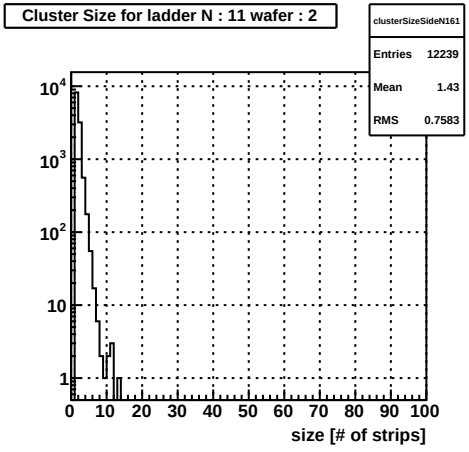

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 11603
Mean 1.538
RMS 0.8059
size [# of strips]

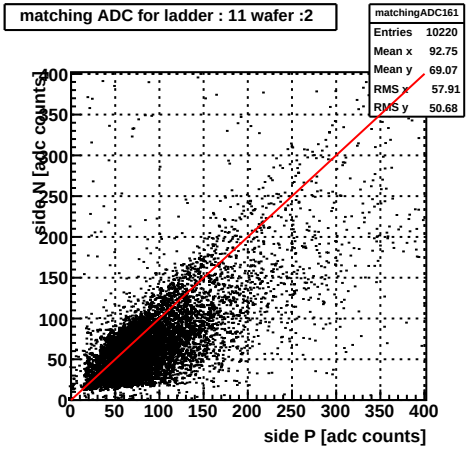

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8460
Mean x 85.86
Mean y 78.25
RMS x 55.47
RMS y 55.14
side N [adc counts]
side P [adc counts]

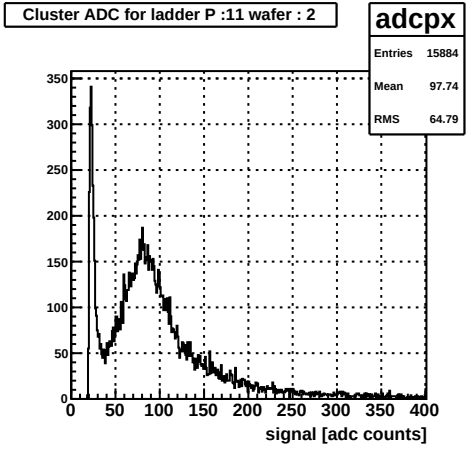

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 15619
Mean 91.16
RMS 66.62
signal [adc counts]

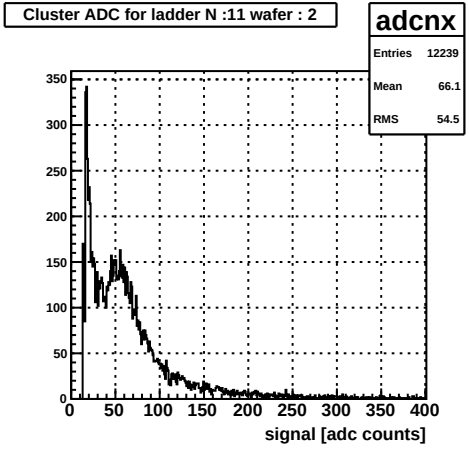

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 11603
Mean 73.44
RMS 55.38
signal [adc counts]

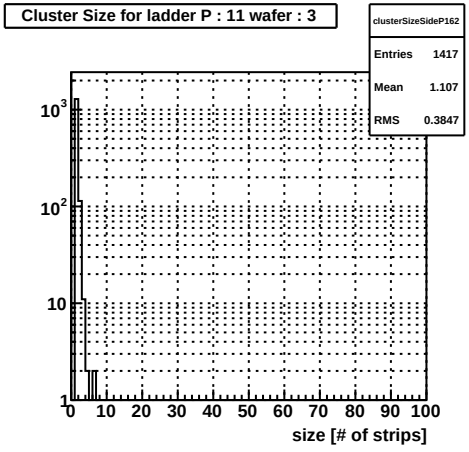

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 15884
Mean 1.458
RMS 0.7206
size [# of strips]

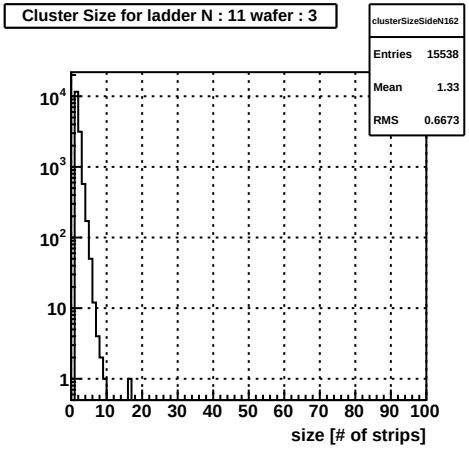

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 12239
Mean 1.43
RMS 0.7583
size [# of strips]

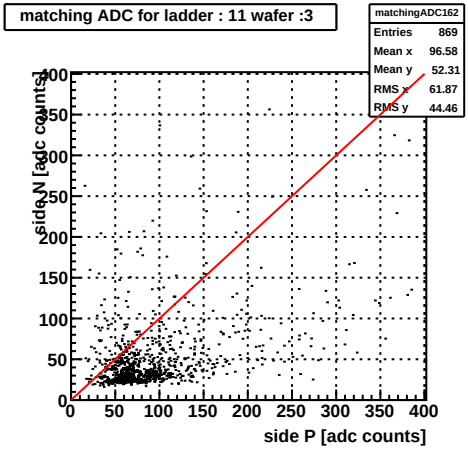

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 10220
Mean x 92.75
Mean y 69.07
RMS x 57.91
RMS y 50.68
side N [adc counts]
side P [adc counts]

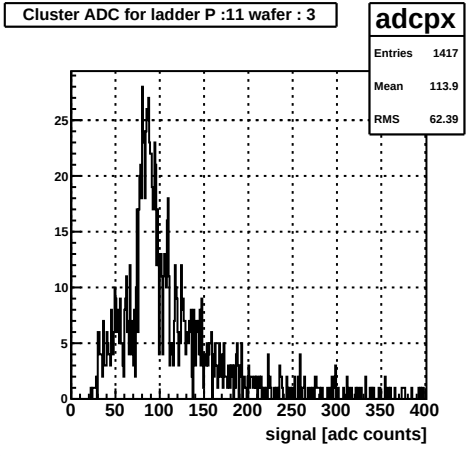

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 15884
Mean 97.74
RMS 64.79
signal [adc counts]

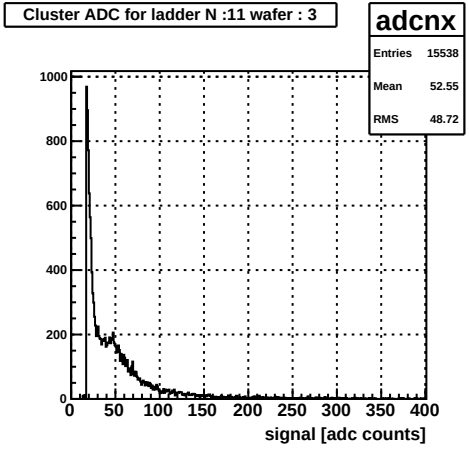

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 12239
Mean 66.1
RMS 54.5
signal [adc counts]

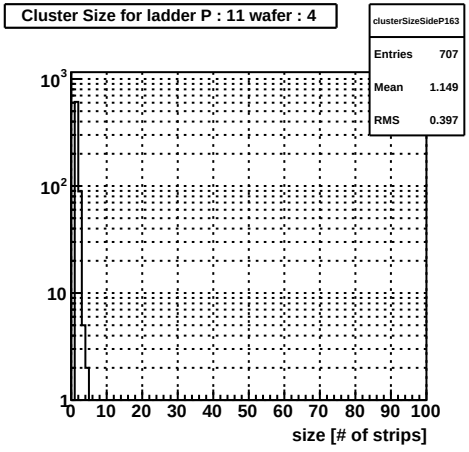

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1417
Mean 1.107
RMS 0.3847
size [# of strips]

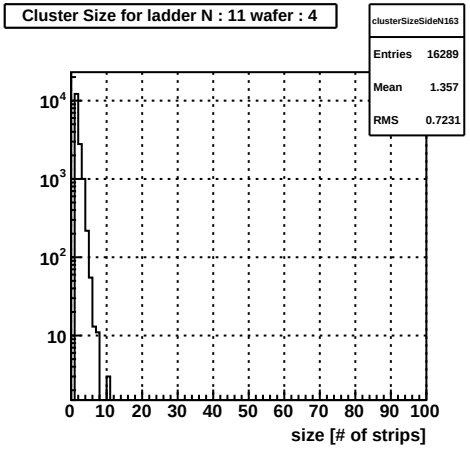

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 15538
Mean 1.33
RMS 0.6673
size [# of strips]

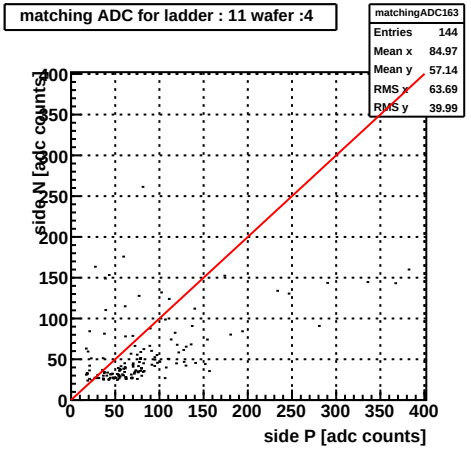

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 869
Mean x 96.58
Mean y 52.31
RMS x 61.87
RMS y 44.46
side N [adc counts]
side P [adc counts]

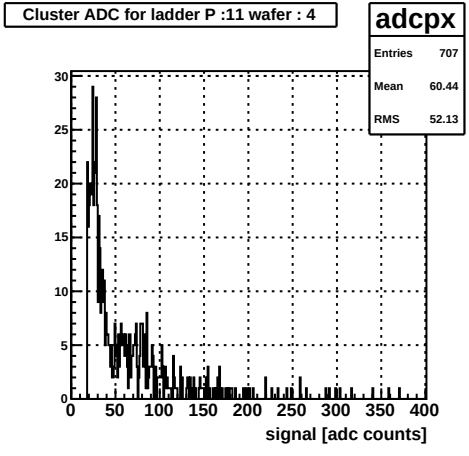

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1417
Mean 113.9
RMS 62.39
signal [adc counts]

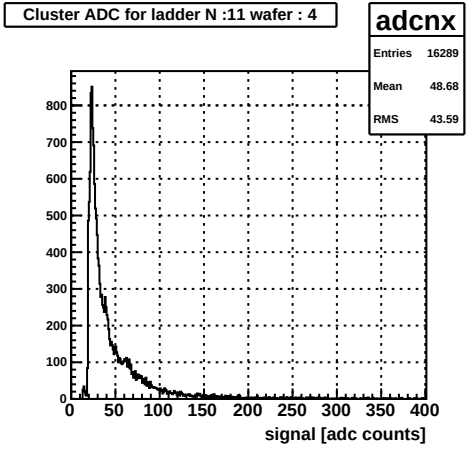

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 15538
Mean 52.55
RMS 48.72
signal [adc counts]

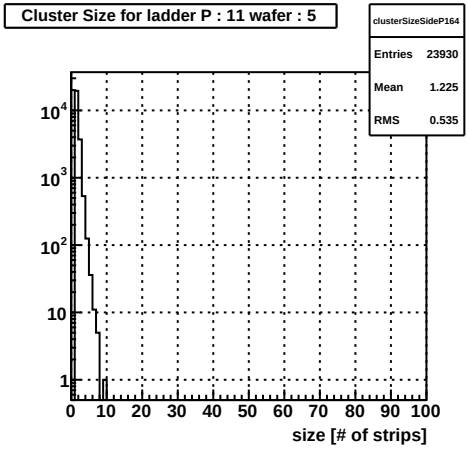

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 707
Mean 1.149
RMS 0.397
size [# of strips]

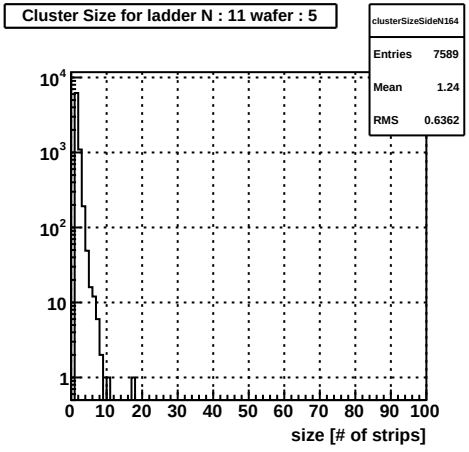

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 16289
Mean 1.357
RMS 0.7231
size [# of strips]

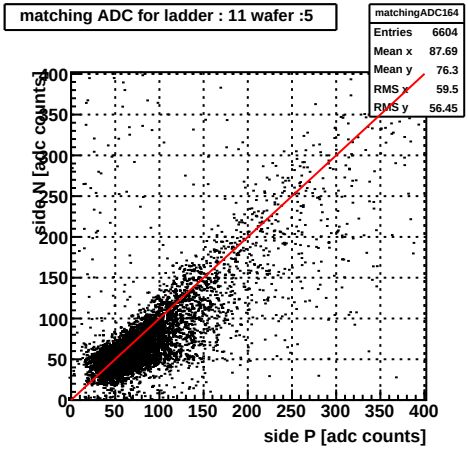

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 144
Mean x 84.97
Mean y 57.14
RMS x 63.69
RMS y 39.99
side N [adc counts]
side P [adc counts]

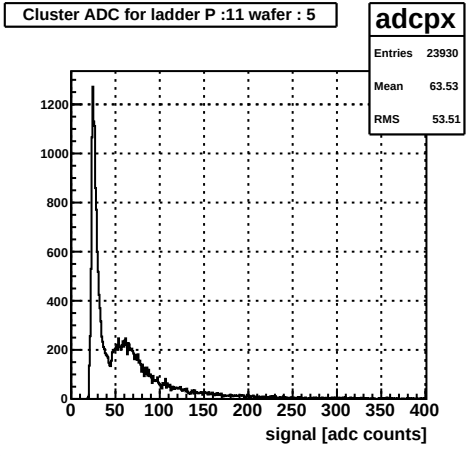

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 707
Mean 60.44
RMS 52.13
signal [adc counts]

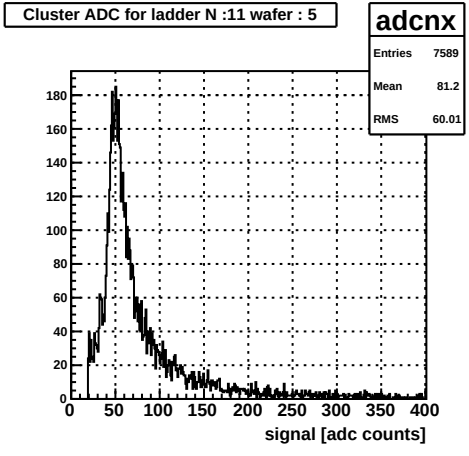

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 16289
Mean 48.68
RMS 43.59
signal [adc counts]

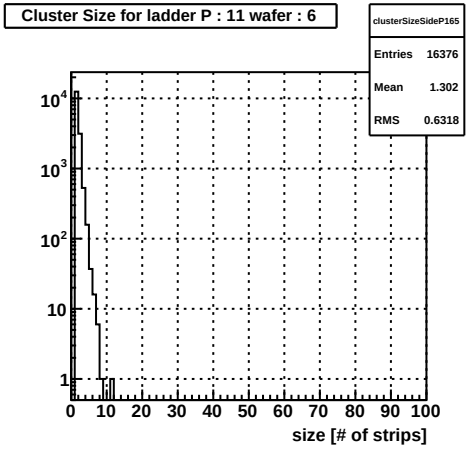

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 23930
Mean 1.225
RMS 0.535
size [# of strips]

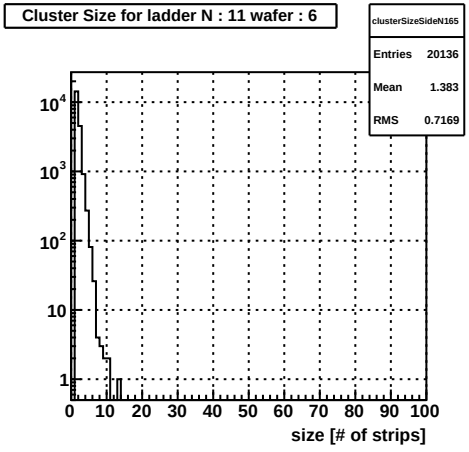

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 7589
Mean 1.24
RMS 0.6362
size [# of strips]

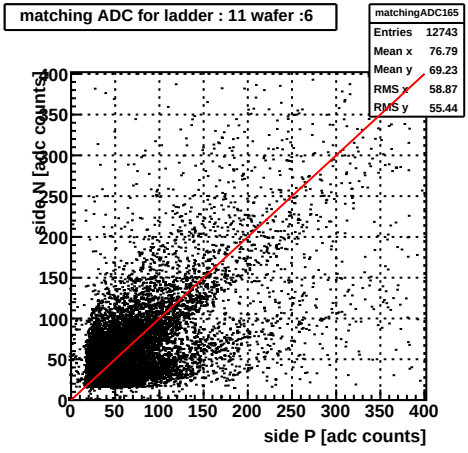

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 6604
Mean x 87.69
Mean y 76.3
RMS x 59.5
RMS y 56.45
side N [adc counts]
side P [adc counts]

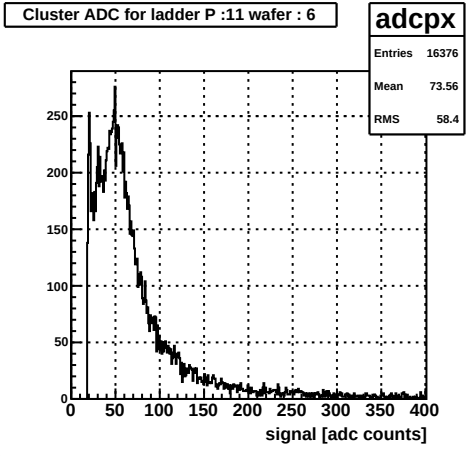

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 23930
Mean 63.53
RMS 53.51
signal [adc counts]

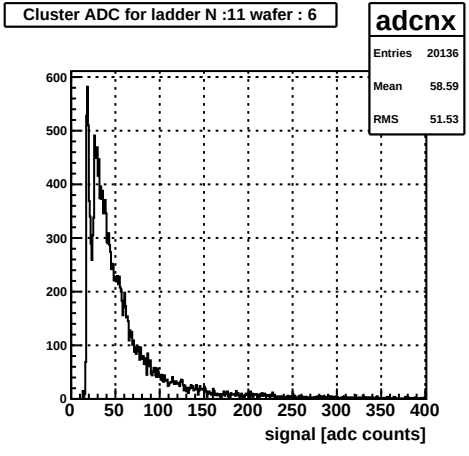

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 7589
Mean 81.2
RMS 60.01
signal [adc counts]

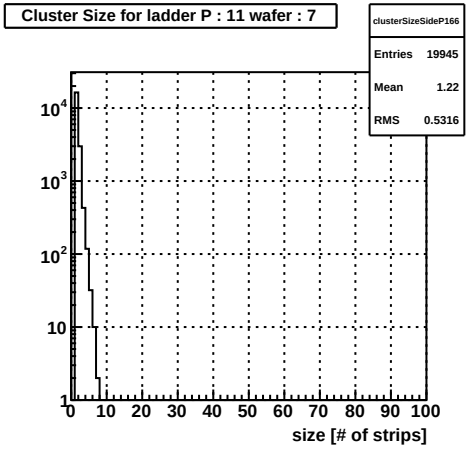

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 16376
Mean 1.302
RMS 0.6318
size [# of strips]

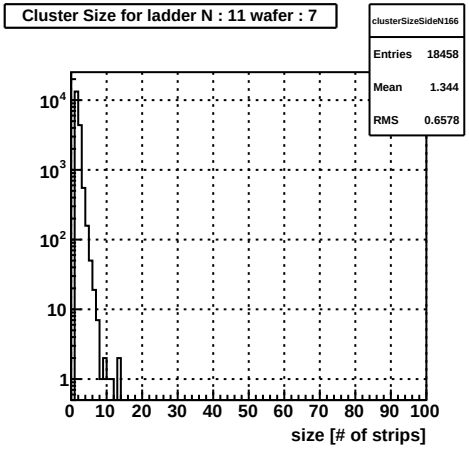

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 20136
Mean 1.383
RMS 0.7169
size [# of strips]

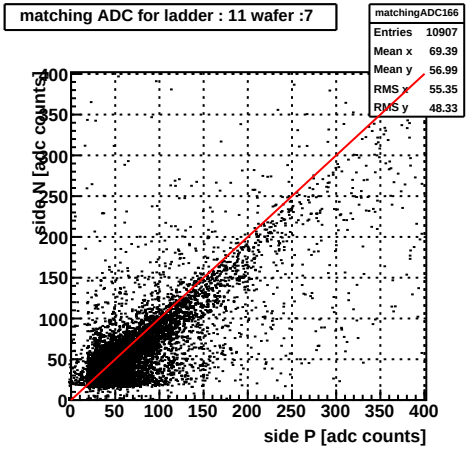

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 12743
Mean x 76.79
Mean y 69.23
RMS x 58.87
RMS y 55.44
side N [adc counts]
side P [adc counts]

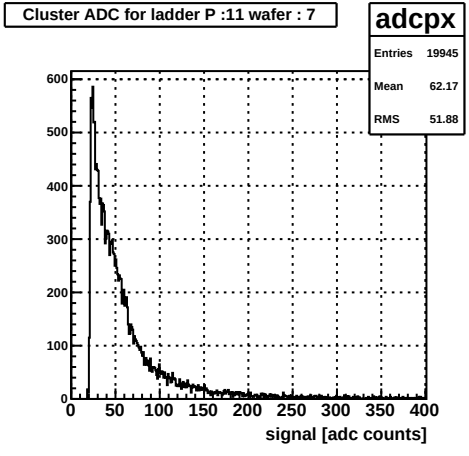

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 16376
Mean 73.56
RMS 58.4
signal [adc counts]

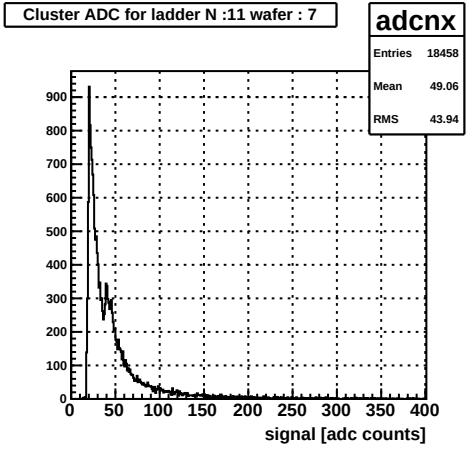

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 20136
Mean 58.59
RMS 51.53
signal [adc counts]

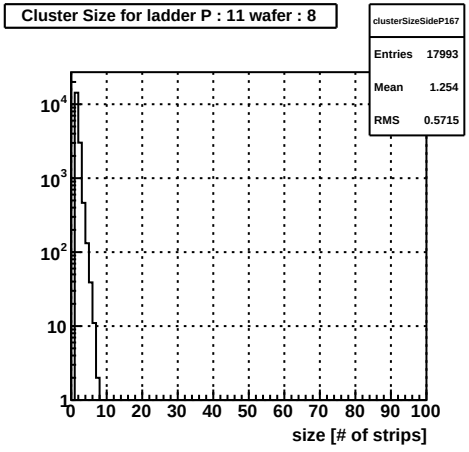

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 19945
Mean 1.22
RMS 0.5316
size [# of strips]

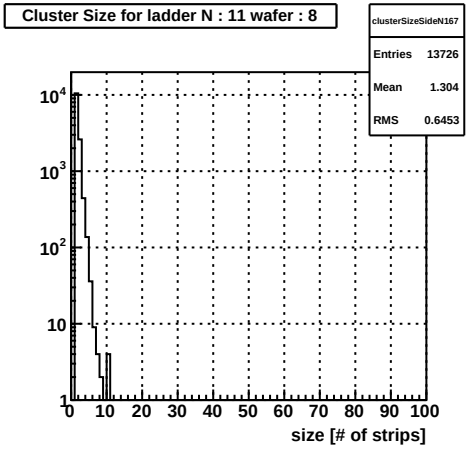

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 18458
Mean 1.344
RMS 0.6578
size [# of strips]

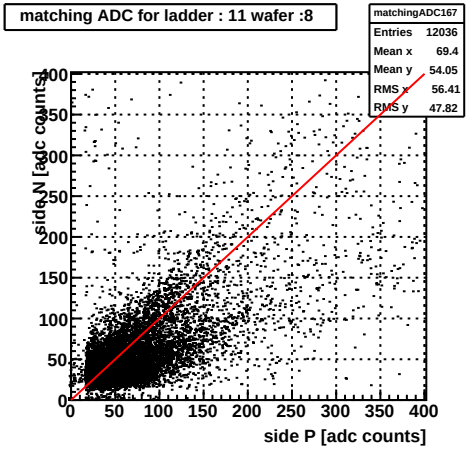

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 10907
Mean x 69.39
Mean y 56.99
RMS x 55.35
RMS y 48.33
side N [adc counts]
side P [adc counts]

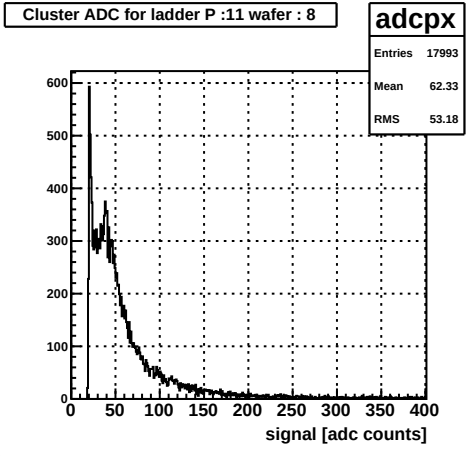

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 19945
Mean 62.17
RMS 51.88
signal [adc counts]

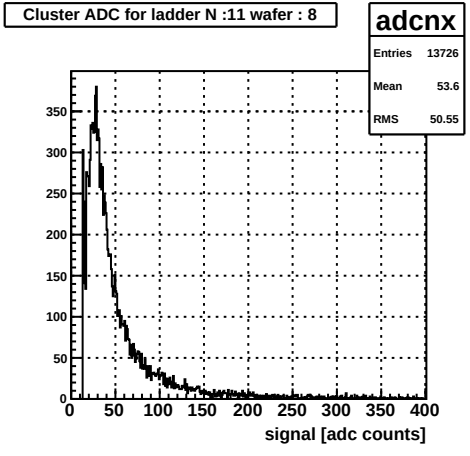

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 18458
Mean 49.06
RMS 43.94
signal [adc counts]

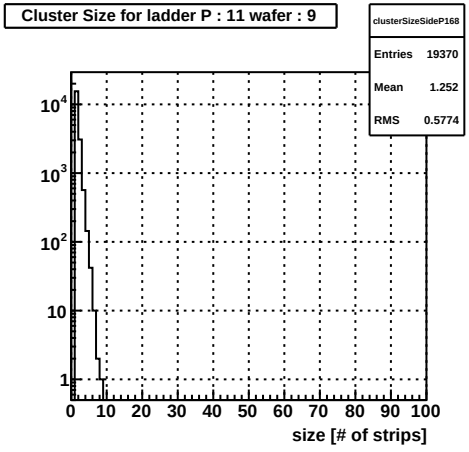

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 17993
Mean 1.254
RMS 0.5715
size [# of strips]

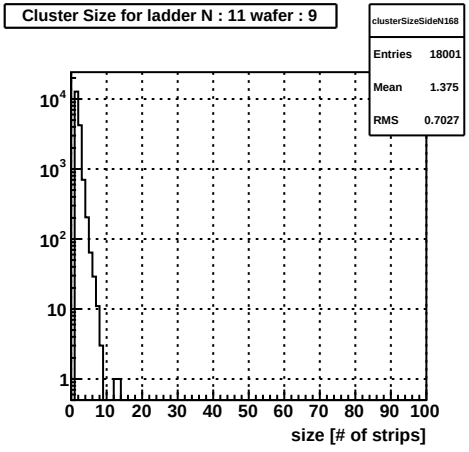

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 13726
Mean 1.304
RMS 0.6453
size [# of strips]

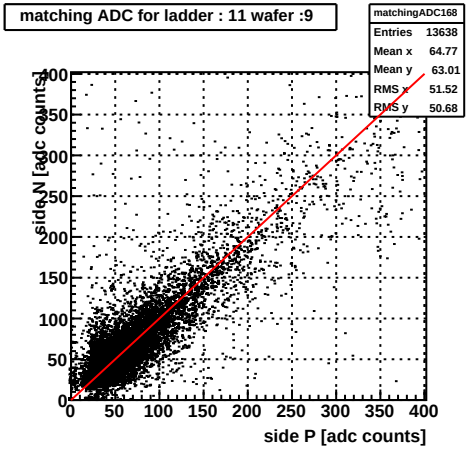

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 12036
Mean x 69.4
Mean y 54.05
RMS x 56.41
RMS y 47.82
side N [adc counts]
side P [adc counts]

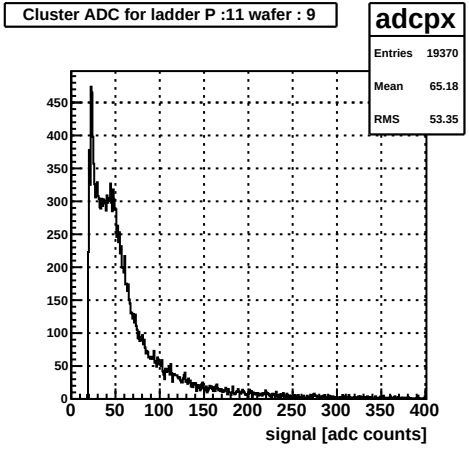

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 17993
Mean 62.33
RMS 53.18
signal [adc counts]

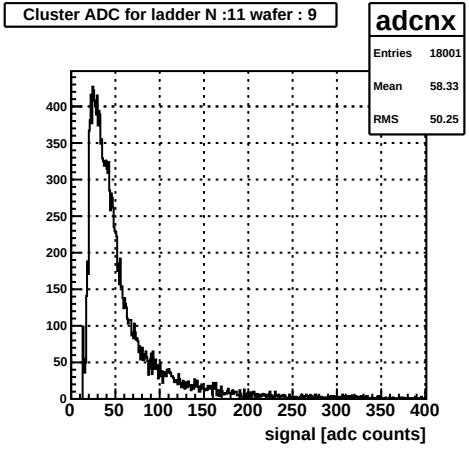

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 13726
Mean 53.6
RMS 50.55
signal [adc counts]

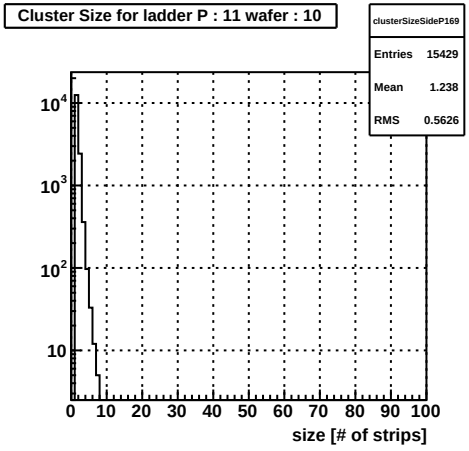

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 19370
Mean 1.252
RMS 0.5774
size [# of strips]

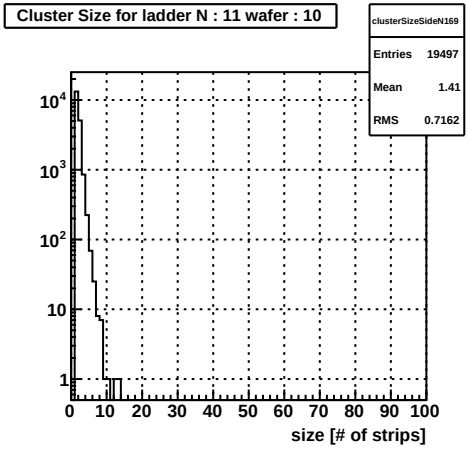

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 18001
Mean 1.375
RMS 0.7027
size [# of strips]

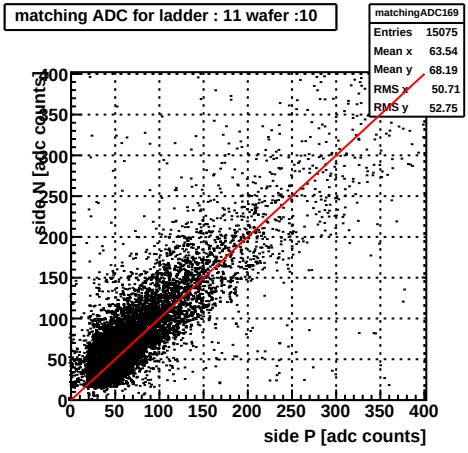

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 13638
Mean x 64.77
Mean y 63.01
RMS x 51.52
RMS y 50.68
side N [adc counts]
side P [adc counts]

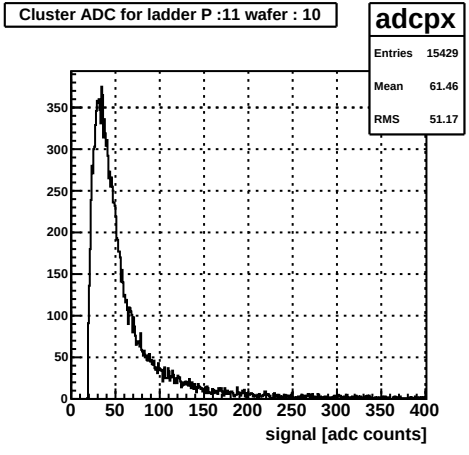

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 19370
Mean 65.18
RMS 53.35
signal [adc counts]

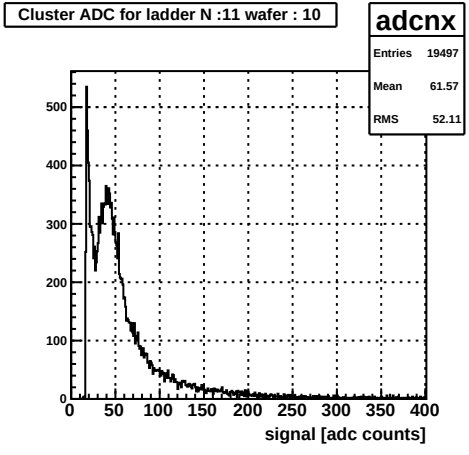

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 18001
Mean 58.33
RMS 50.25
signal [adc counts]

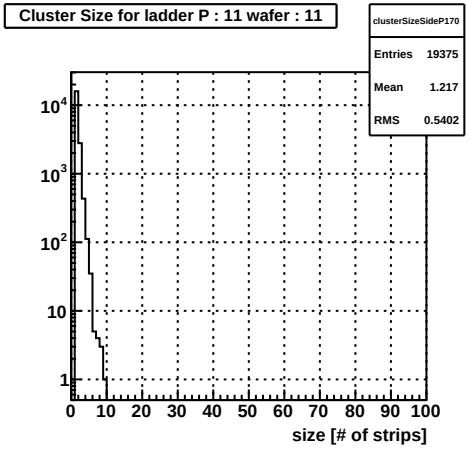

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 15429
Mean 1.238
RMS 0.5626
size [# of strips]

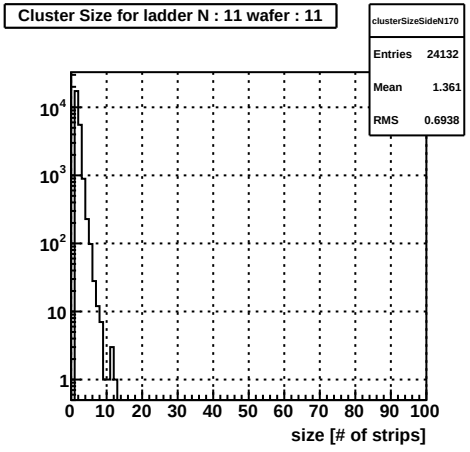

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 19497
Mean 1.41
RMS 0.7162
size [# of strips]

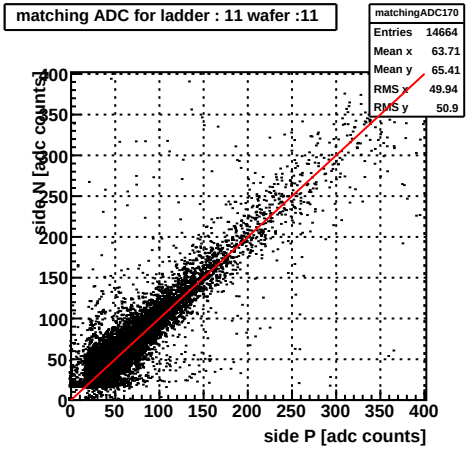

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 15075
Mean x 63.54
Mean y 68.19
RMS x 50.71
RMS y 52.75
side N [adc counts]
side P [adc counts]

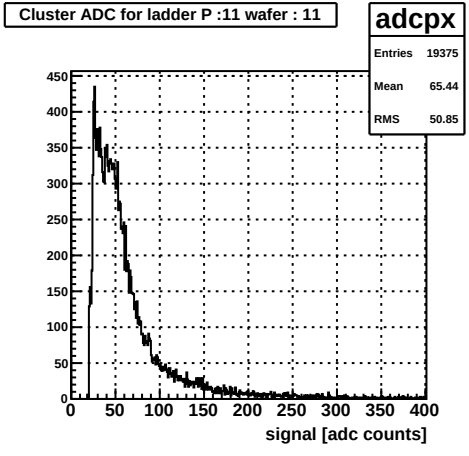

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 15429
Mean 61.46
RMS 51.17
signal [adc counts]

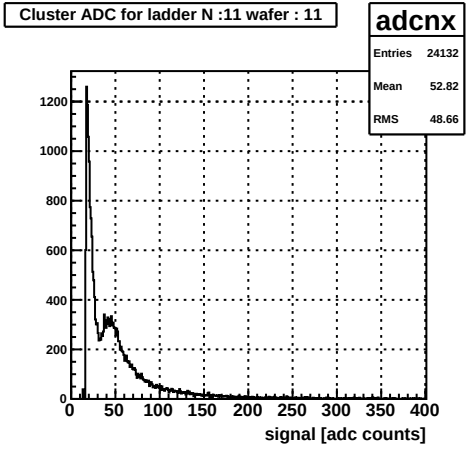

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 19497
Mean 61.57
RMS 52.11
signal [adc counts]

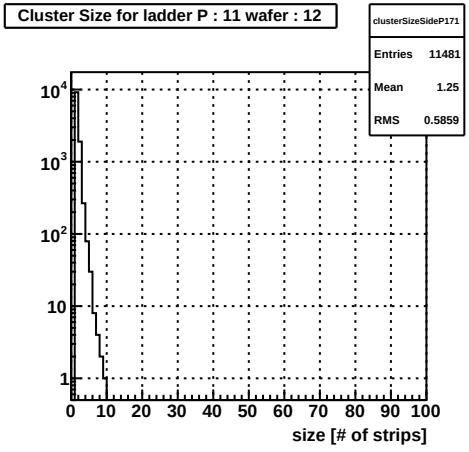

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 19375
Mean 1.217
RMS 0.5402
size [# of strips]

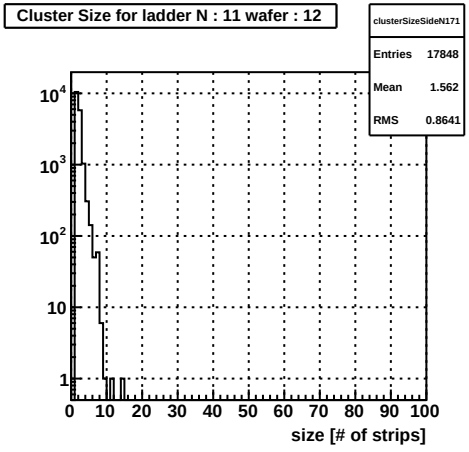

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 24132
Mean 1.361
RMS 0.6938
size [# of strips]

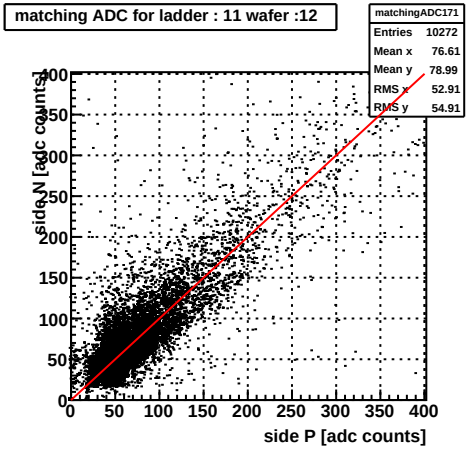

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 14664
Mean x 63.71
Mean y 65.41
RMS x 49.94
RMS y 50.9
side N [adc counts]
side P [adc counts]

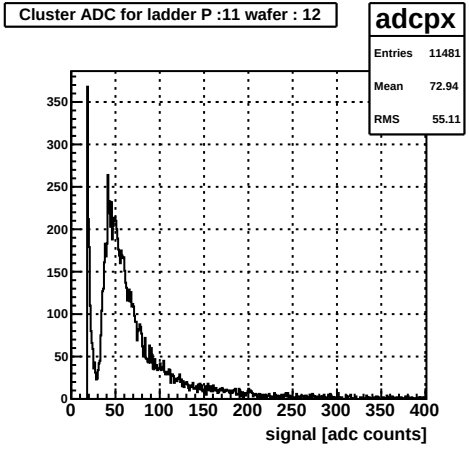

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 19375
Mean 65.44
RMS 50.85
signal [adc counts]

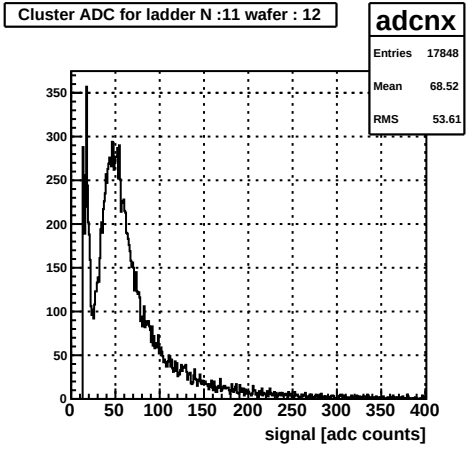

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 24132
Mean 52.82
RMS 48.66
signal [adc counts]

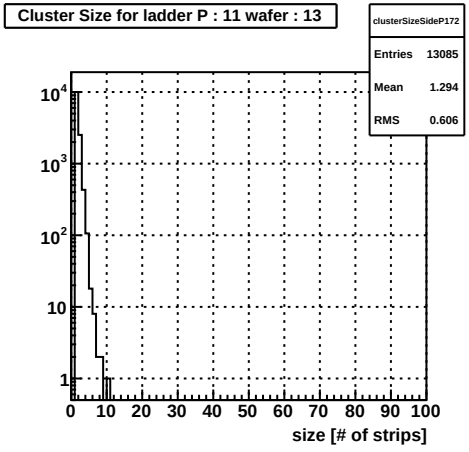

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 11481
Mean 1.25
RMS 0.5859
size [# of strips]

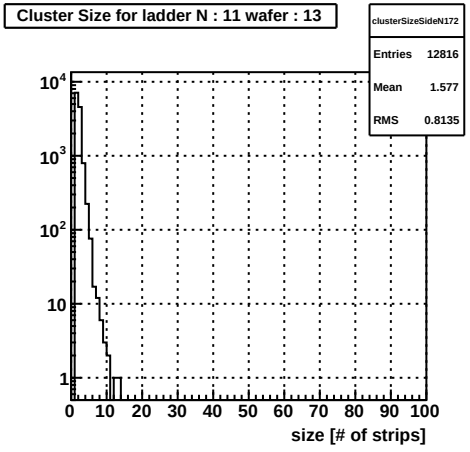

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 17848
Mean 1.562
RMS 0.8641
size [# of strips]

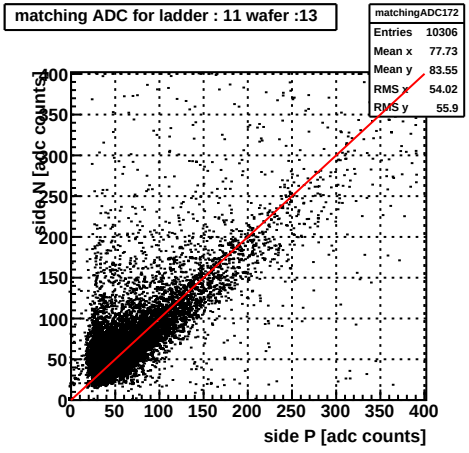

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 10272
Mean x 76.61
Mean y 78.99
RMS x 52.91
RMS y 54.91
side N [adc counts]
side P [adc counts]

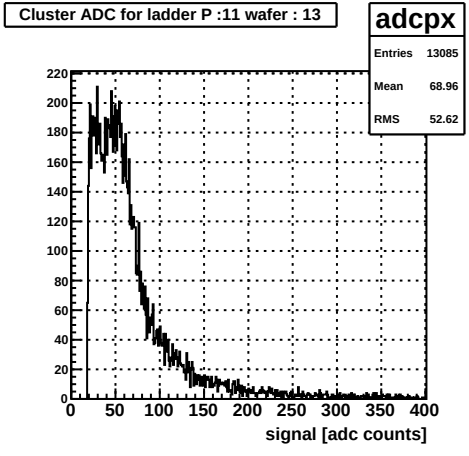

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 11481
Mean 72.94
RMS 55.11
signal [adc counts]

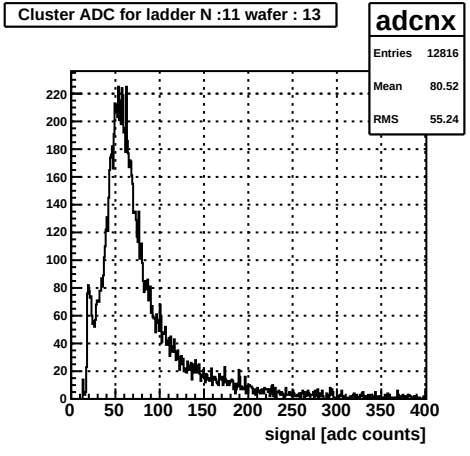

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 17848
Mean 68.52
RMS 53.61
signal [adc counts]

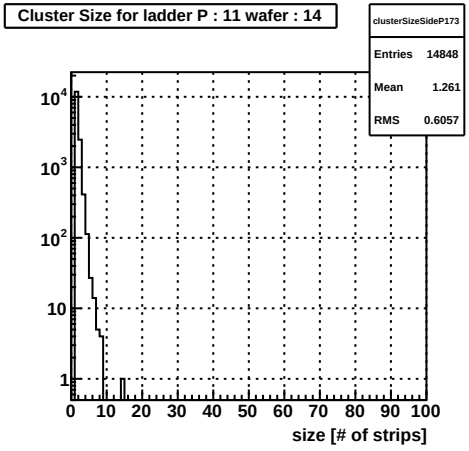

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 13085
Mean 1.294
RMS 0.606
size [# of strips]

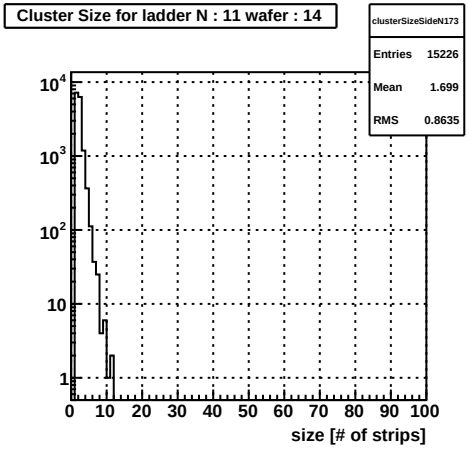

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 12816
Mean 1.577
RMS 0.8135
size [# of strips]

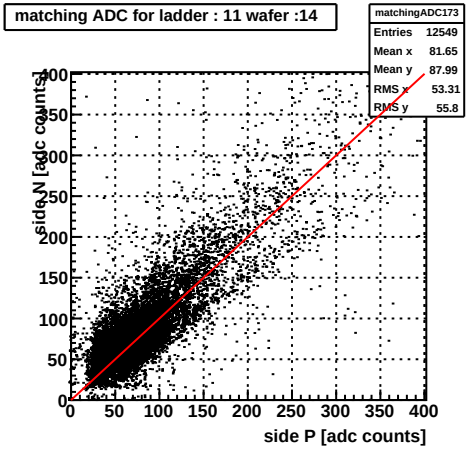

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 10306
Mean x 77.73
Mean y 83.55
RMS x 54.02
RMS y 55.9
side N [adc counts]
side P [adc counts]

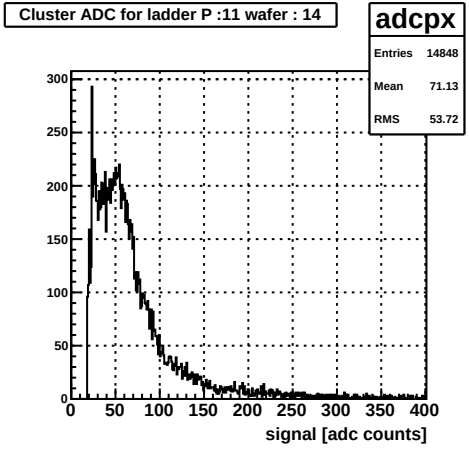

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 13085
Mean 68.96
RMS 52.62
signal [adc counts]

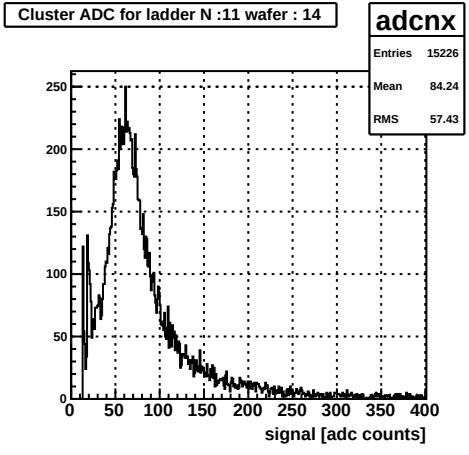

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 12816
Mean 80.52
RMS 55.24
signal [adc counts]

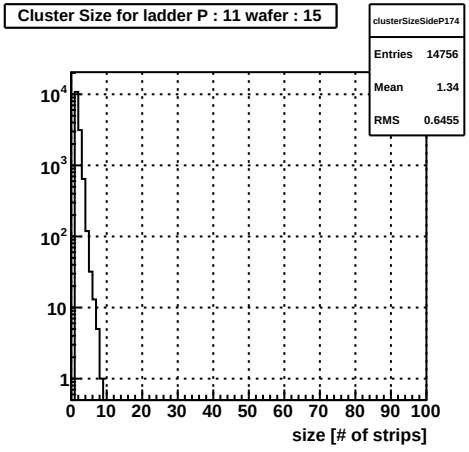

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 14848
Mean 1.261
RMS 0.6057
size [# of strips]

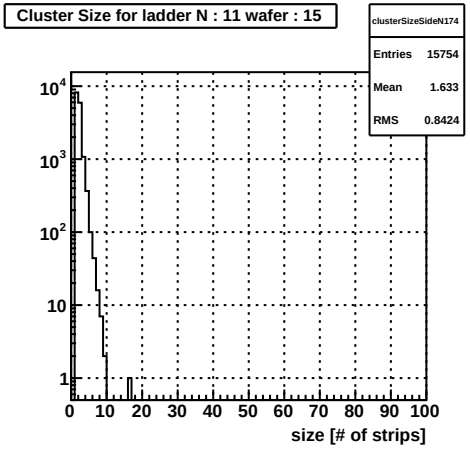

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 15226
Mean 1.699
RMS 0.8635
size [# of strips]

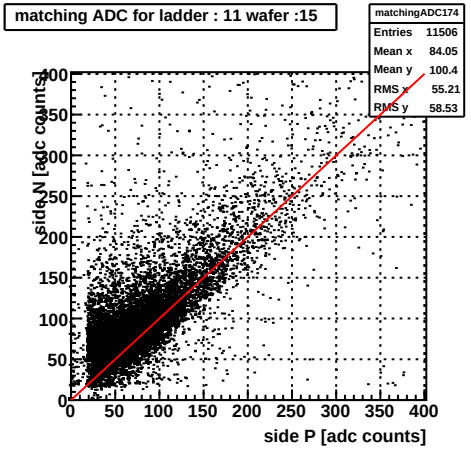

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 12549
Mean x 81.65
Mean y 87.99
RMS x 53.31
RMS y 55.8
side N [adc counts]
side P [adc counts]

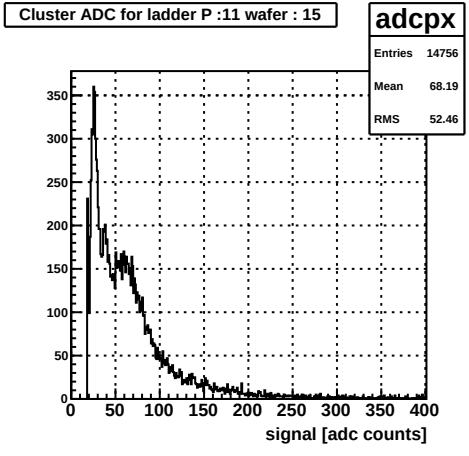

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 14848
Mean 71.13
RMS 53.72
signal [adc counts]

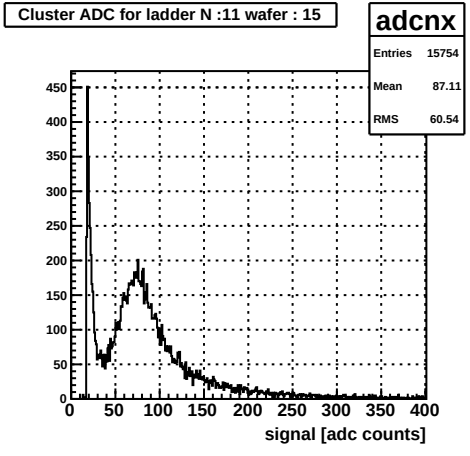

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 15226
Mean 84.24
RMS 57.43
signal [adc counts]

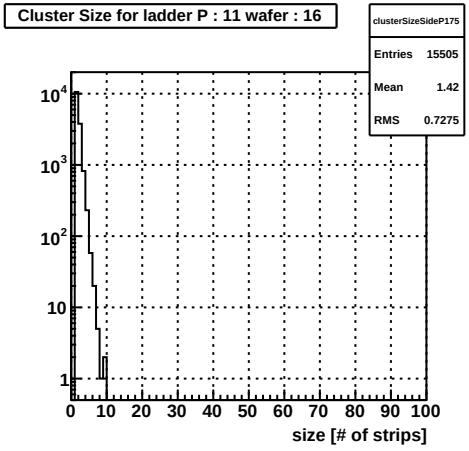

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 14756
Mean 1.34
RMS 0.6455
size [# of strips]

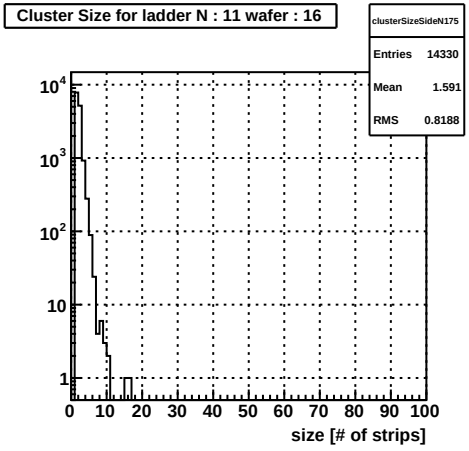

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 15754
Mean 1.633
RMS 0.8424
size [# of strips]

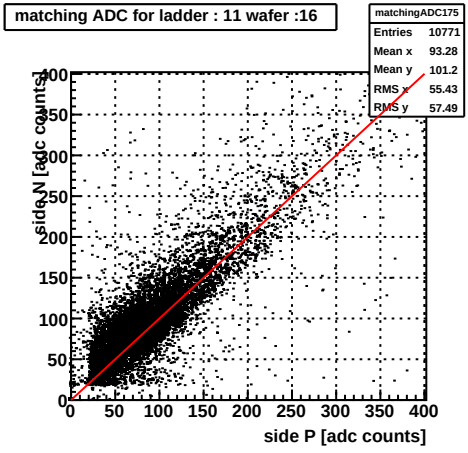

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 11506
Mean x 84.05
Mean y 100.4
RMS x 55.21
RMS y 58.53
side N [adc counts]
side P [adc counts]

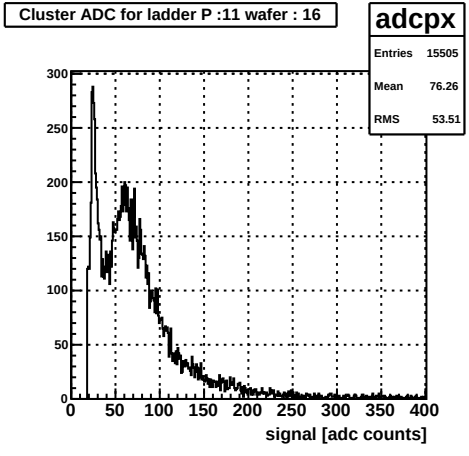

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 14756
Mean 68.19
RMS 52.46
signal [adc counts]

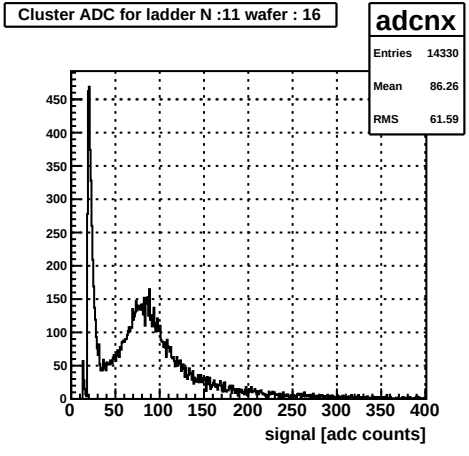

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 15754
Mean 87.11
RMS 60.54
signal [adc counts]

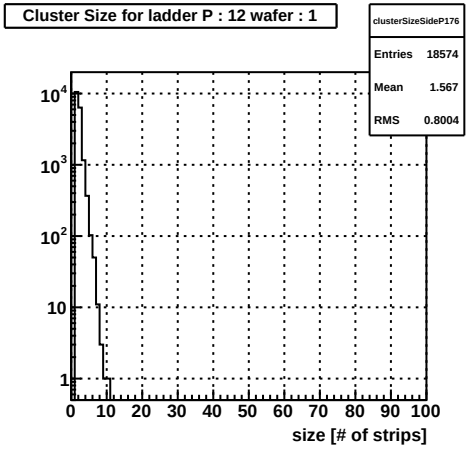

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 15505
Mean 1.42
RMS 0.7275
size [# of strips]

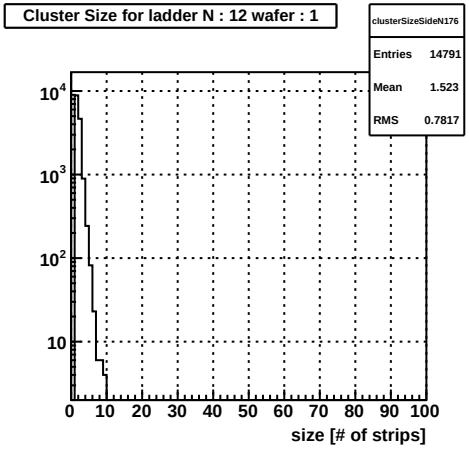

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 14330
Mean 1.591
RMS 0.8188
size [# of strips]

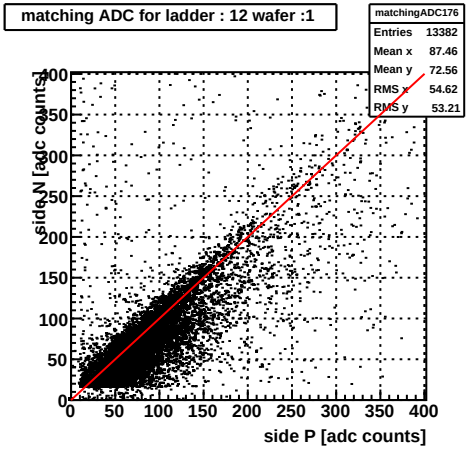

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 10771
Mean x 93.28
Mean y 101.2
RMS x 55.43
RMS y 57.49
side N [adc counts]
side P [adc counts]

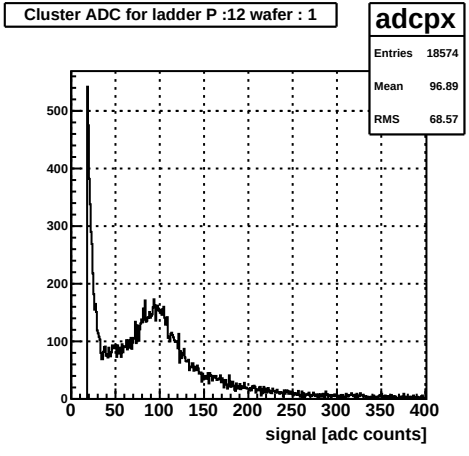

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 15505
Mean 76.26
RMS 53.51
signal [adc counts]

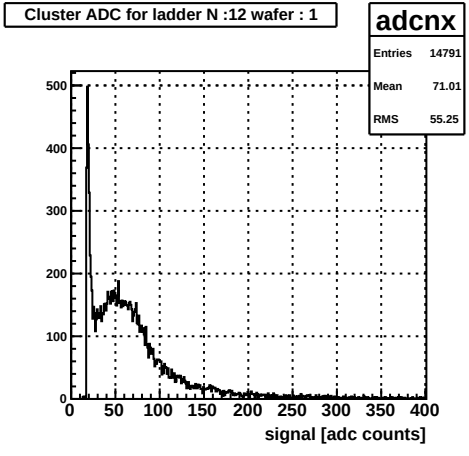

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 14330
Mean 86.26
RMS 61.59
signal [adc counts]

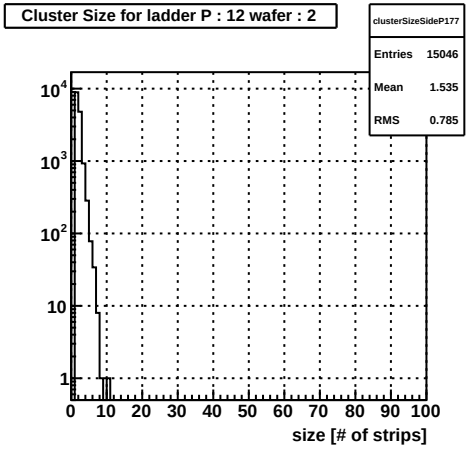

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 18574
Mean 1.567
RMS 0.8004
size [# of strips]

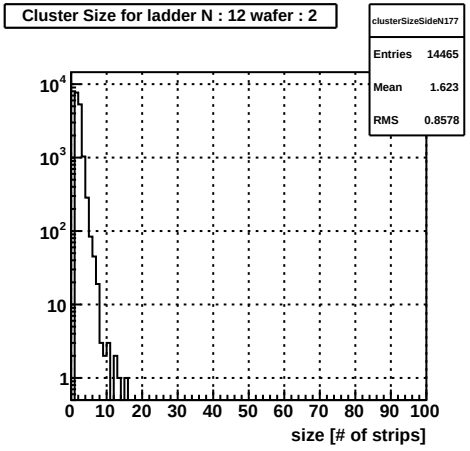

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 14791
Mean 1.523
RMS 0.7817
size [# of strips]

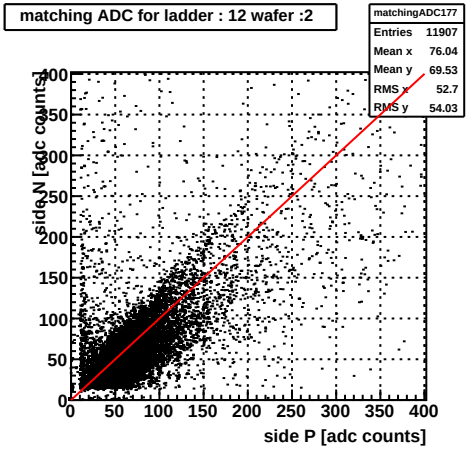

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 13382
Mean x 87.46
Mean y 72.56
RMS x 54.62
RMS y 53.21
side N [adc counts]
side P [adc counts]

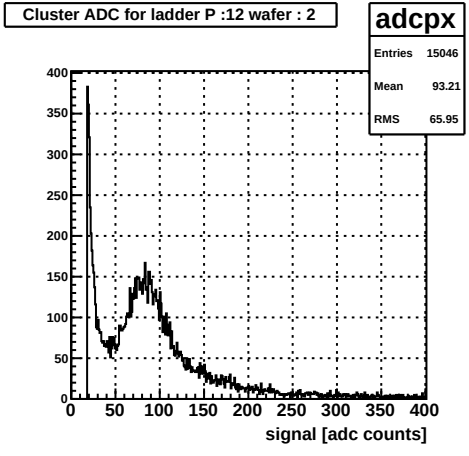

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 18574
Mean 96.89
RMS 68.57
signal [adc counts]

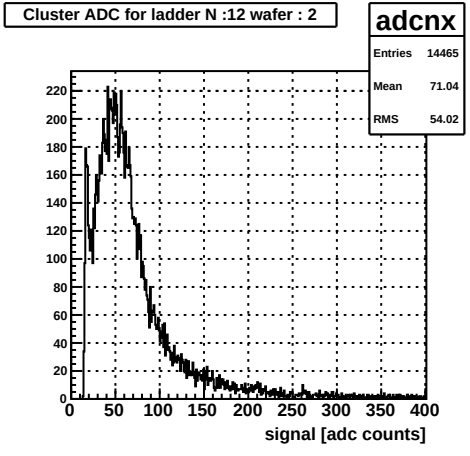

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 14791
Mean 71.01
RMS 55.25
signal [adc counts]

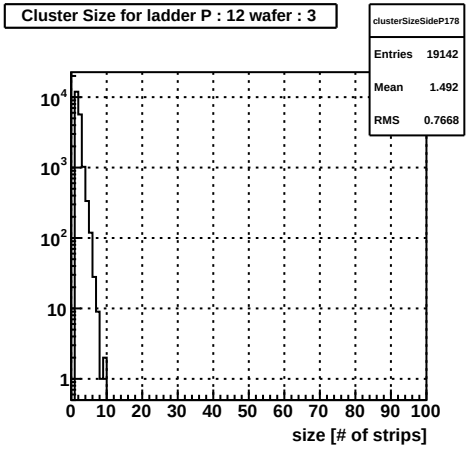

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 15046
Mean 1.535
RMS 0.785
size [# of strips]

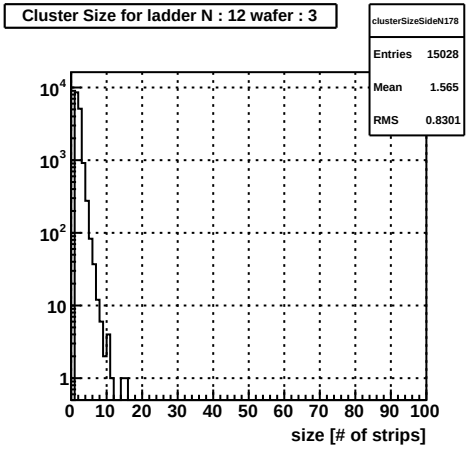

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 14465
Mean 1.623
RMS 0.8578
size [# of strips]

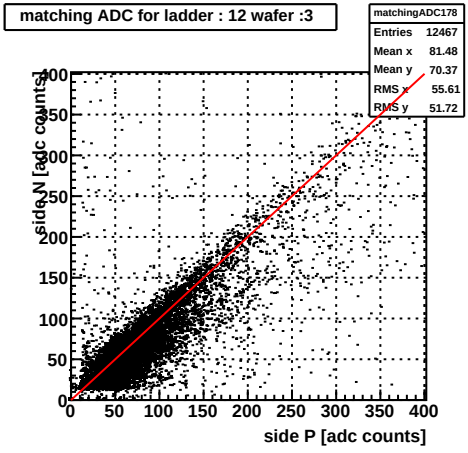

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 11907
Mean x 76.04
Mean y 69.53
RMS x 52.7
RMS y 54.03
side N [adc counts]
side P [adc counts]

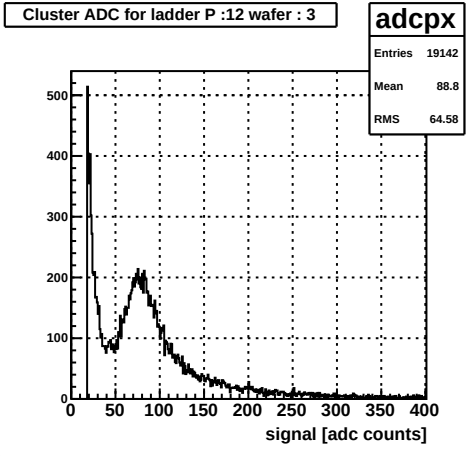

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 15046
Mean 93.21
RMS 65.95
signal [adc counts]

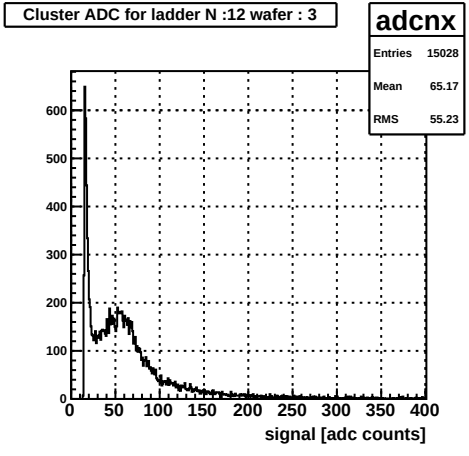

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 14465
Mean 71.04
RMS 54.02
signal [adc counts]

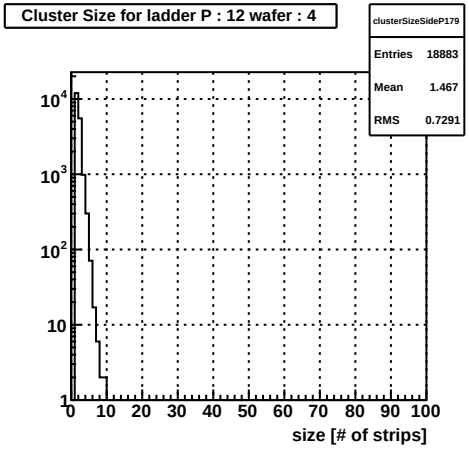

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 19142
Mean 1.492
RMS 0.7668
size [# of strips]

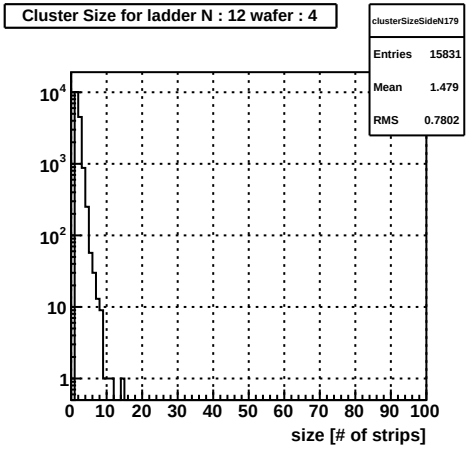

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 15028
Mean 1.565
RMS 0.8301
size [# of strips]

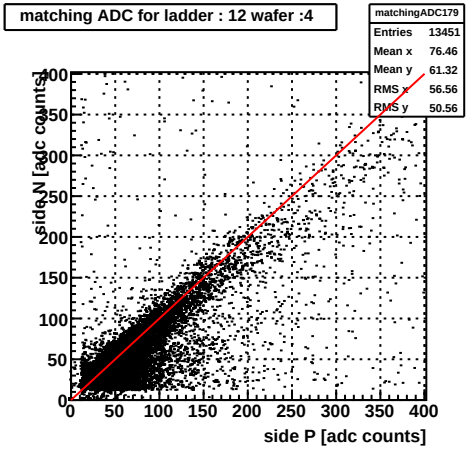

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 12467
Mean x 81.48
Mean y 70.37
RMS x 55.61
RMS y 51.72
side N [adc counts]
side P [adc counts]

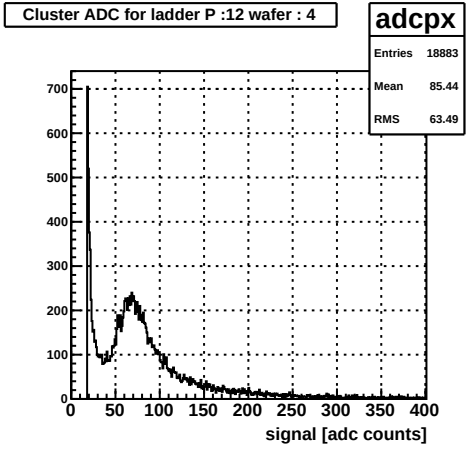

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 19142
Mean 88.8
RMS 64.58
signal [adc counts]

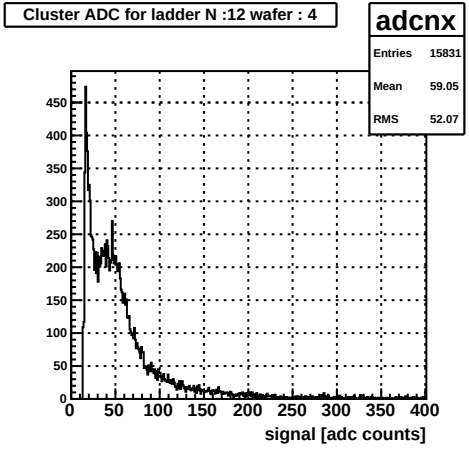

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 15028
Mean 65.17
RMS 55.23
signal [adc counts]

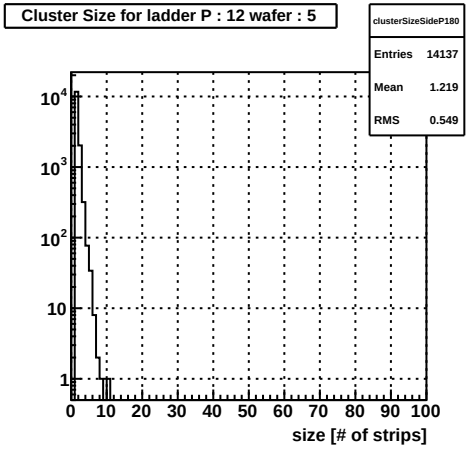

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 18883
Mean 1.467
RMS 0.7291
size [# of strips]

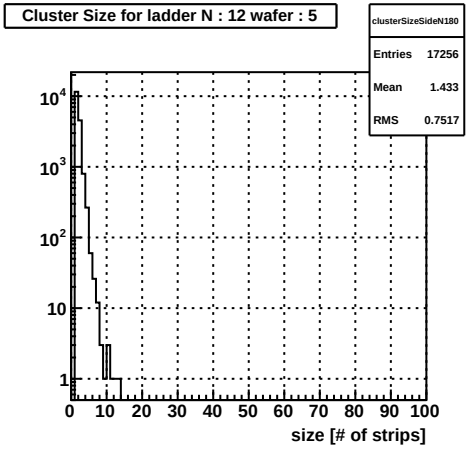

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 15831
Mean 1.479
RMS 0.7802
size [# of strips]

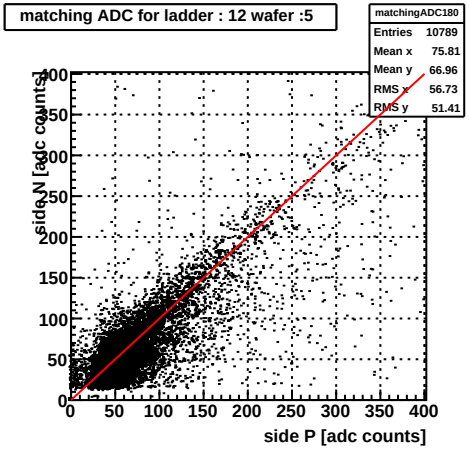

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 13451
Mean x 76.46
Mean y 61.32
RMS x 56.56
RMS y 50.56
side N [adc counts]
side P [adc counts]

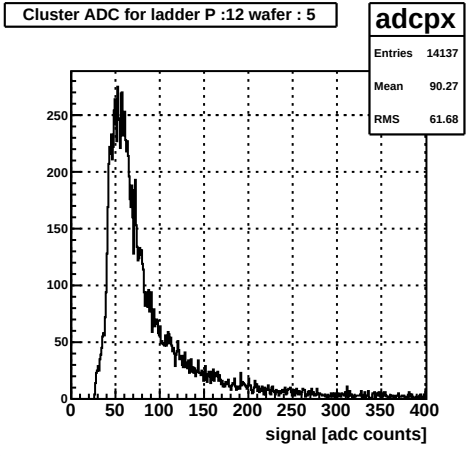

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 18883
Mean 85.44
RMS 63.49
signal [adc counts]

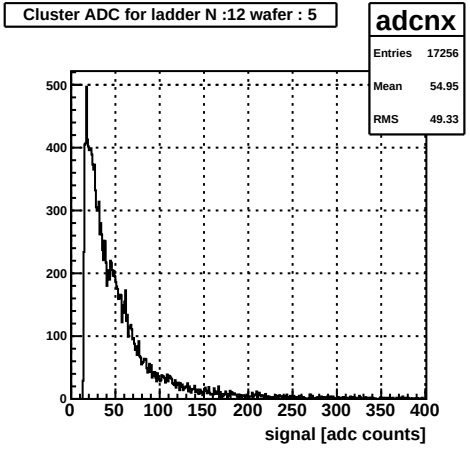

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 15831
Mean 59.05
RMS 52.07
signal [adc counts]

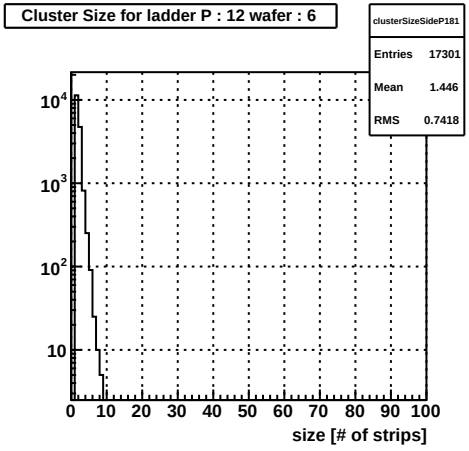

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 14137
Mean 1.219
RMS 0.549
size [# of strips]

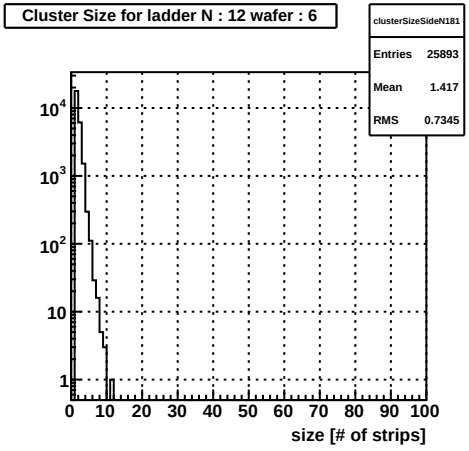

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 17256
Mean 1.433
RMS 0.7517
size [# of strips]

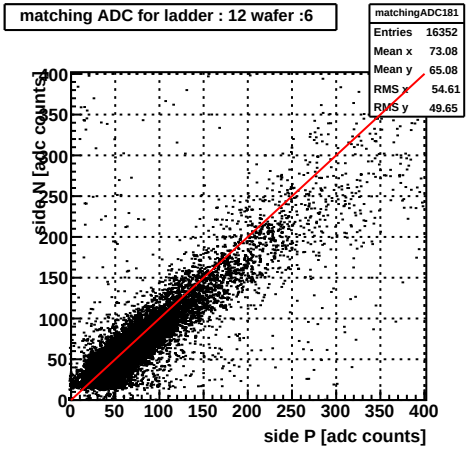

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 10789
Mean x 75.81
Mean y 66.96
RMS x 56.73
RMS y 51.41
side N [adc counts]
side P [adc counts]

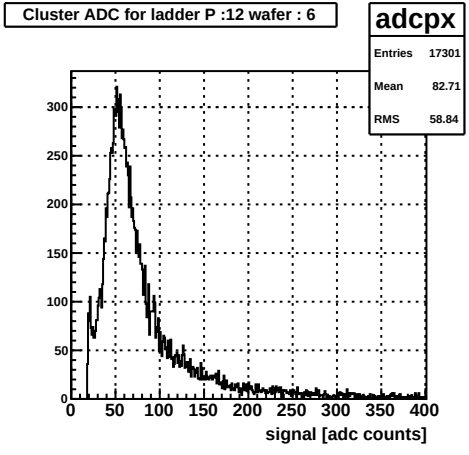

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 14137
Mean 90.27
RMS 61.68
signal [adc counts]

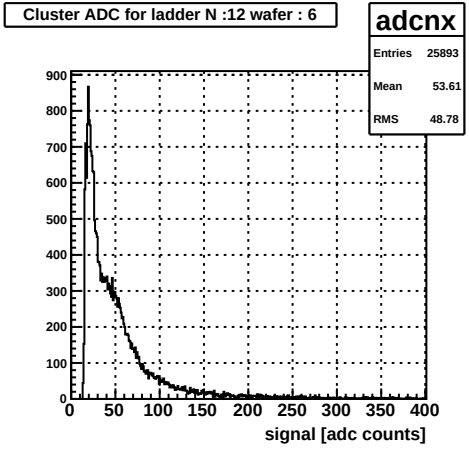

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 17256
Mean 54.95
RMS 49.33
signal [adc counts]

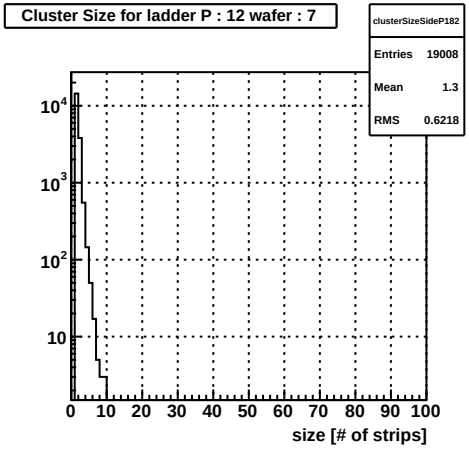

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 17301
Mean 1.446
RMS 0.7418
size [# of strips]

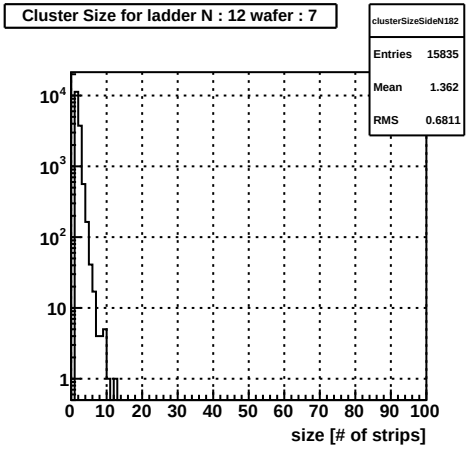

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 25893
Mean 1.417
RMS 0.7345
size [# of strips]

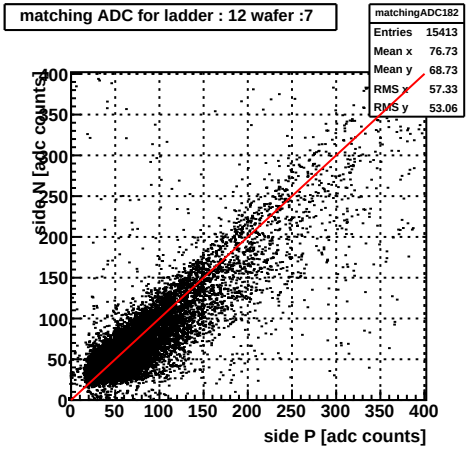

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 16352
Mean x 73.08
Mean y 65.08
RMS x 54.61
RMS y 49.65
side N [adc counts]
side P [adc counts]

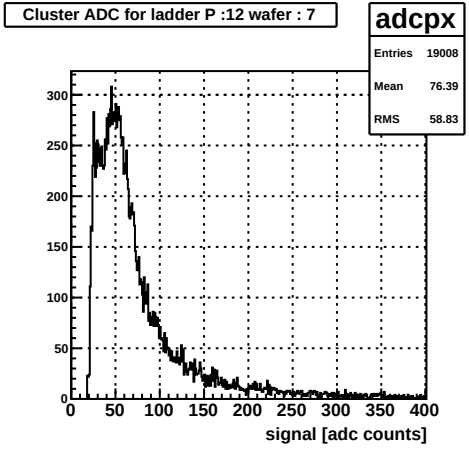

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 17301
Mean 82.71
RMS 58.84
signal [adc counts]

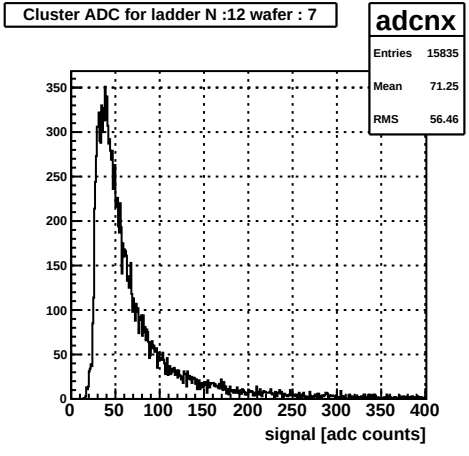

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 25893
Mean 53.61
RMS 48.78
signal [adc counts]

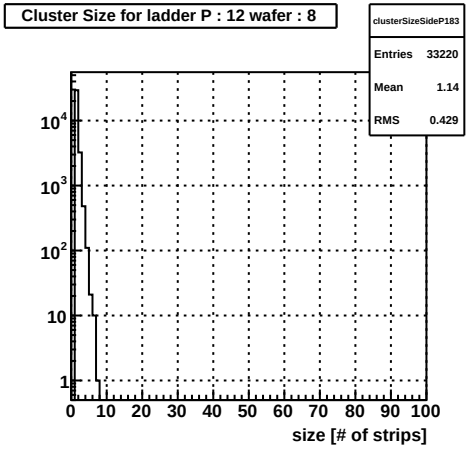

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 19008
Mean 1.3
RMS 0.6218
size [# of strips]

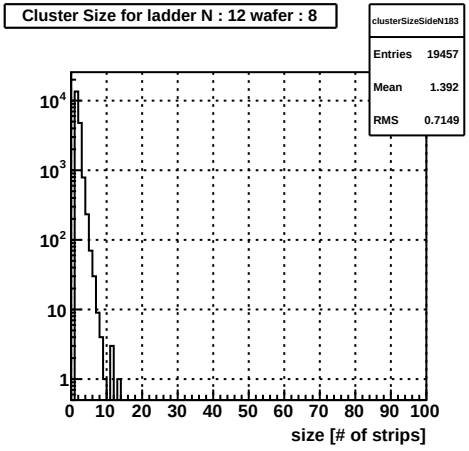

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 15835
Mean 1.362
RMS 0.6811
size [# of strips]

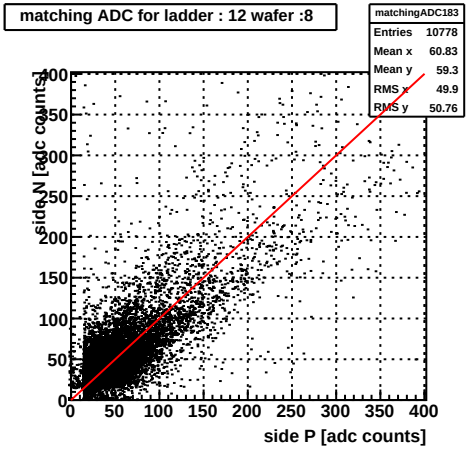

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 15413
Mean x 76.73
Mean y 68.73
RMS x 57.33
RMS y 53.06
side N [adc counts]
side P [adc counts]

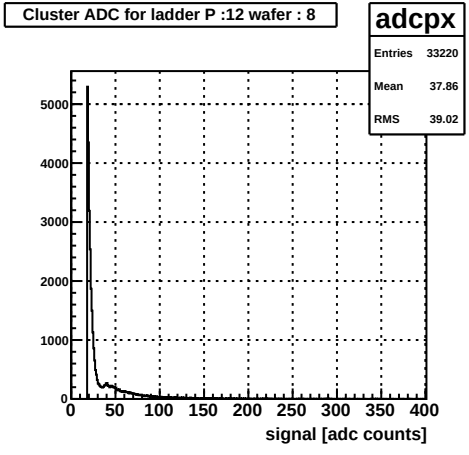

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 19008
Mean 76.39
RMS 58.83
signal [adc counts]

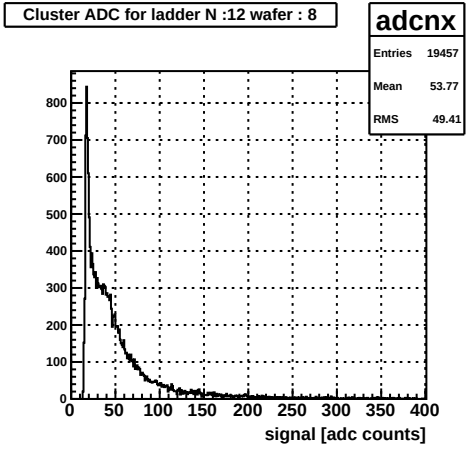

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 15835
Mean 71.25
RMS 56.46
signal [adc counts]

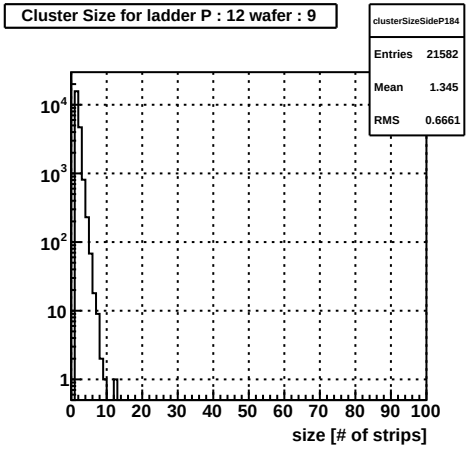

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 33220
Mean 1.14
RMS 0.429
size [# of strips]

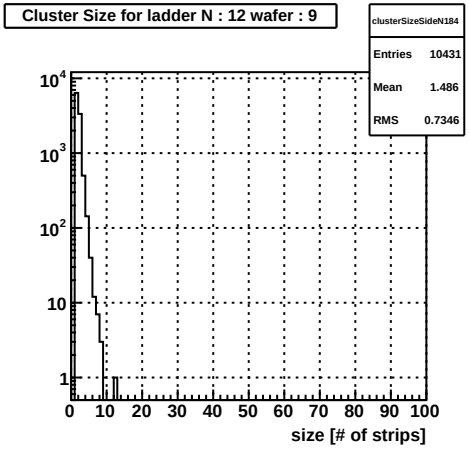

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 19457
Mean 1.392
RMS 0.7149
size [# of strips]

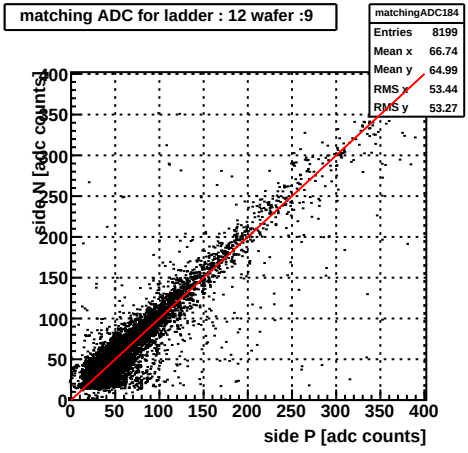

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 10778
Mean x 60.83
Mean y 59.3
RMS x 49.9
RMS y 50.76
side N [adc counts]
side P [adc counts]

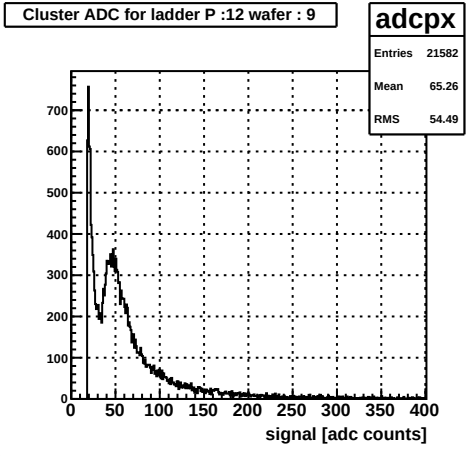

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 33220
Mean 37.86
RMS 39.02
signal [adc counts]

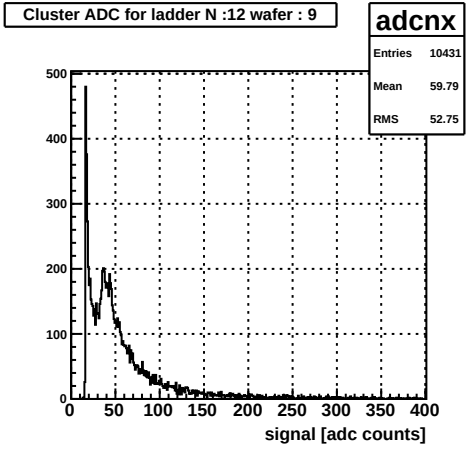

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 19457
Mean 53.77
RMS 49.41
signal [adc counts]

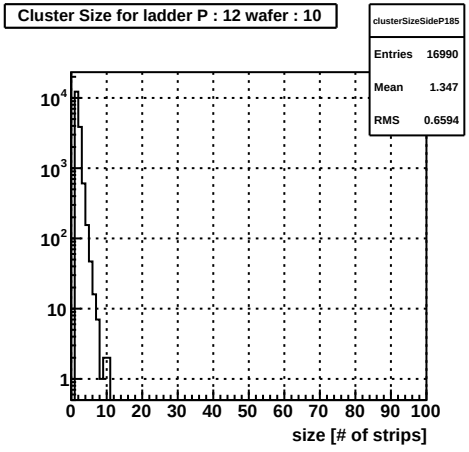

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 21582
Mean 1.345
RMS 0.6661
size [# of strips]

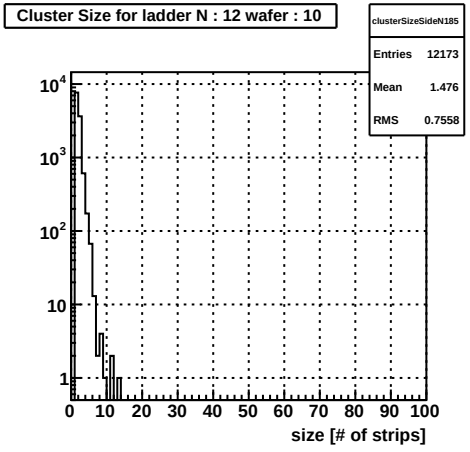

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 10431
Mean 1.486
RMS 0.7346
size [# of strips]

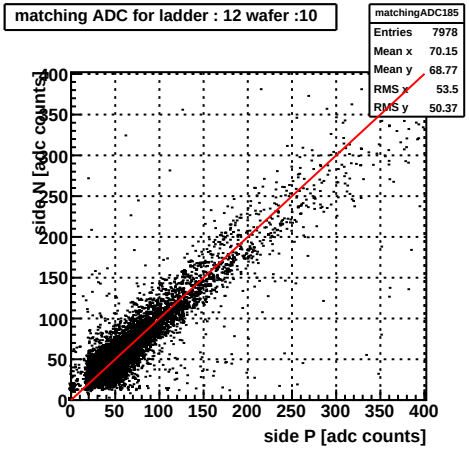

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 8199
Mean x 66.74
Mean y 64.99
RMS x 53.44
RMS y 53.27
side N [adc counts]
side P [adc counts]

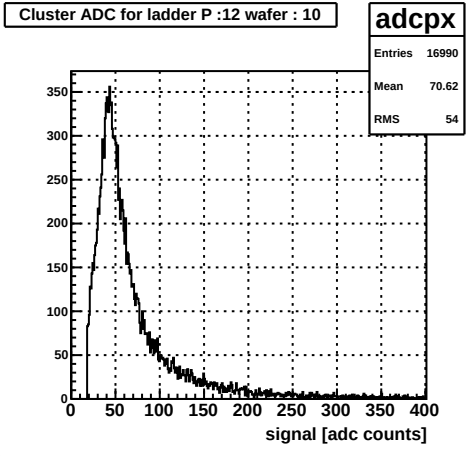

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 21582
Mean 65.26
RMS 54.49
signal [adc counts]

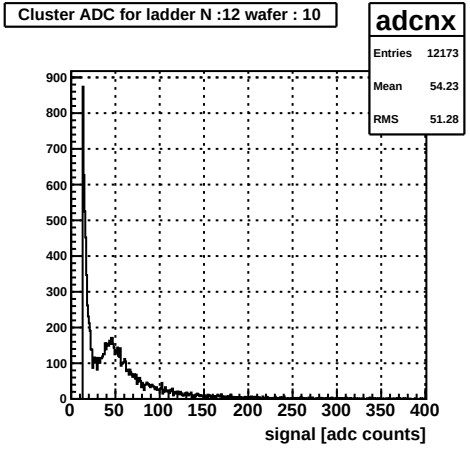

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 10431
Mean 59.79
RMS 52.75
signal [adc counts]

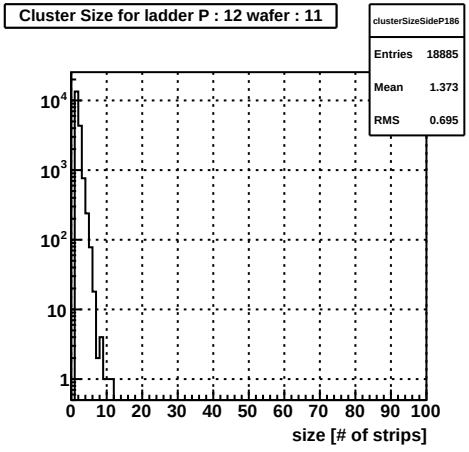

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 16990
Mean 1.347
RMS 0.6594
size [# of strips]

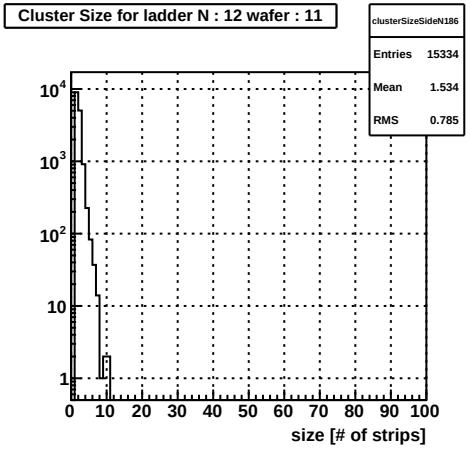

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 12173
Mean 1.476
RMS 0.7558
size [# of strips]

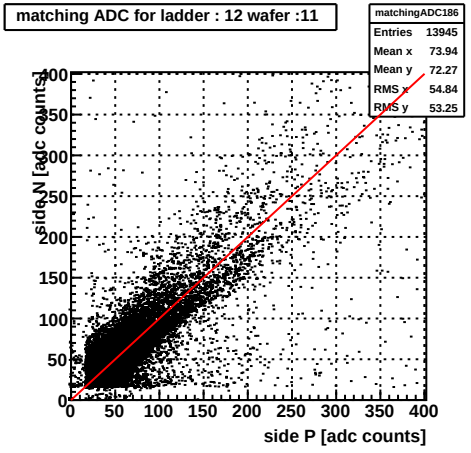

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 7978
Mean x 70.15
Mean y 68.77
RMS x 53.5
RMS y 50.37
side N [adc counts]
side P [adc counts]

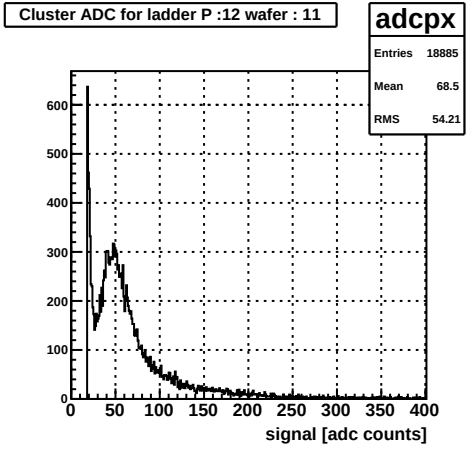

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 16990
Mean 70.62
RMS 54
signal [adc counts]

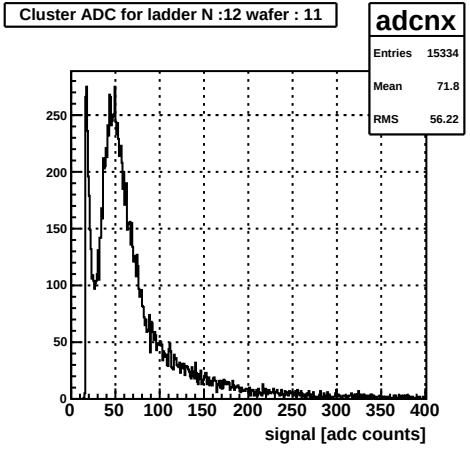

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 12173
Mean 54.23
RMS 51.28
signal [adc counts]

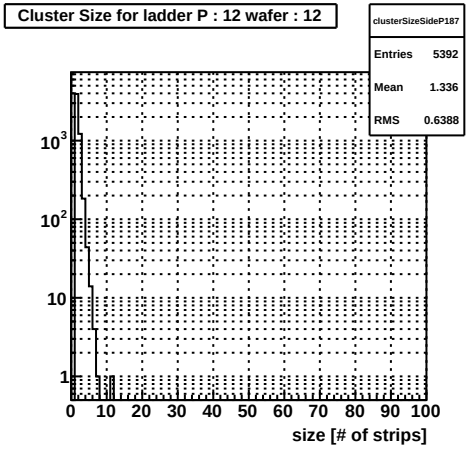

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 18885
Mean 1.373
RMS 0.695
size [# of strips]

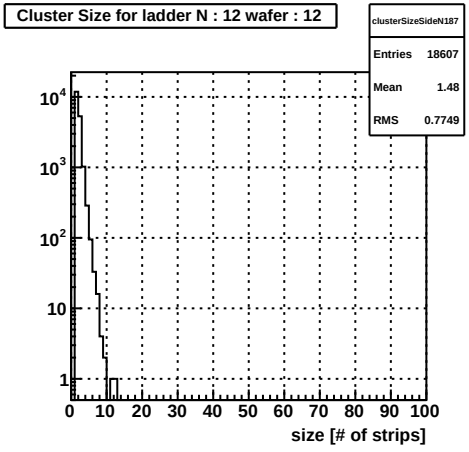

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 15334
Mean 1.534
RMS 0.785
size [# of strips]

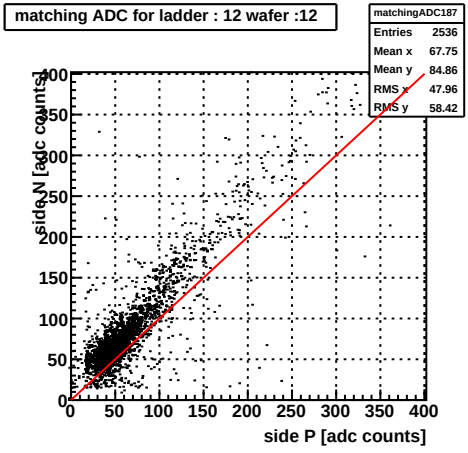

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 13945
Mean x 73.94
Mean y 72.27
RMS x 54.84
RMS y 53.25
side N [adc counts]
side P [adc counts]

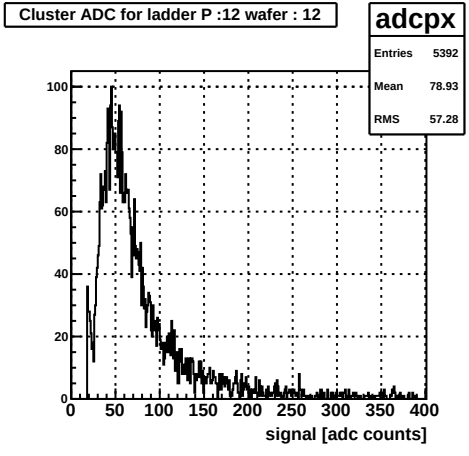

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 18885
Mean 68.5
RMS 54.21
signal [adc counts]

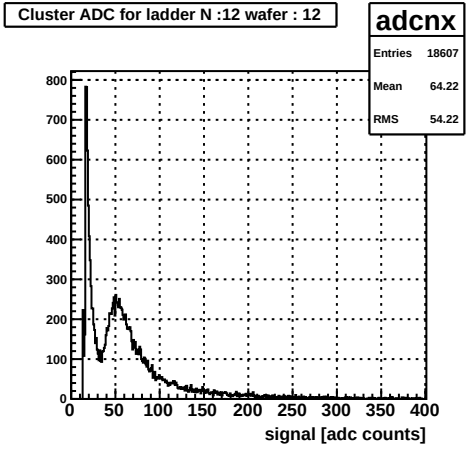

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 15334
Mean 71.8
RMS 56.22
signal [adc counts]

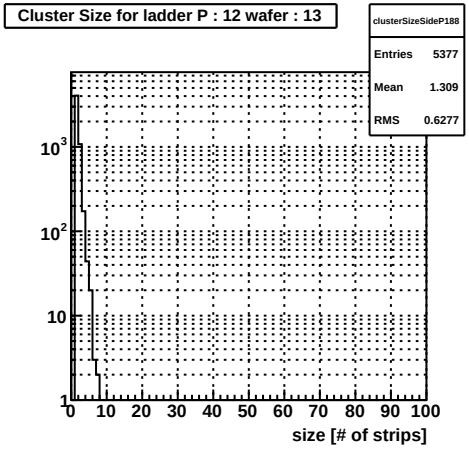

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 5392
Mean 1.336
RMS 0.6388
size [# of strips]

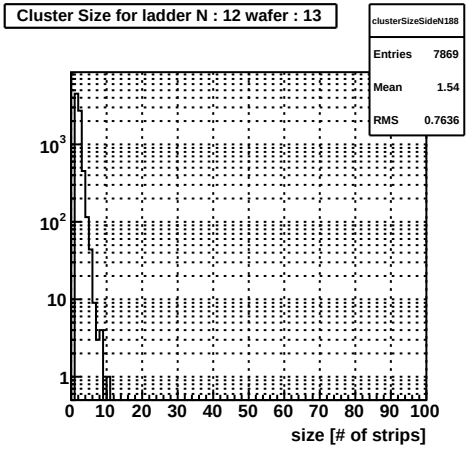

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 18607
Mean 1.48
RMS 0.7749
size [# of strips]

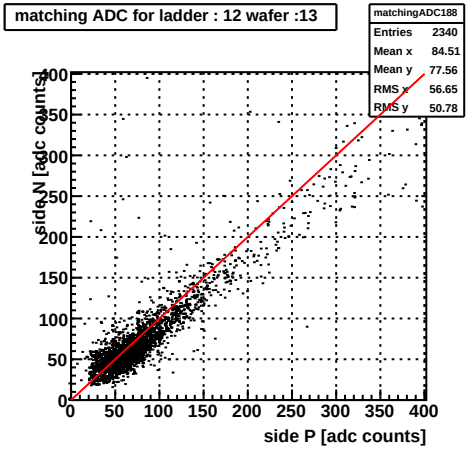

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2536
Mean x 67.75
Mean y 84.86
RMS x 47.96
RMS y 58.42
side N [adc counts]
side P [adc counts]

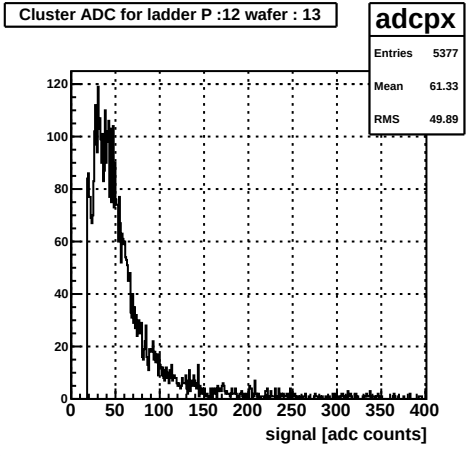

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 5392
Mean 78.93
RMS 57.28
signal [adc counts]

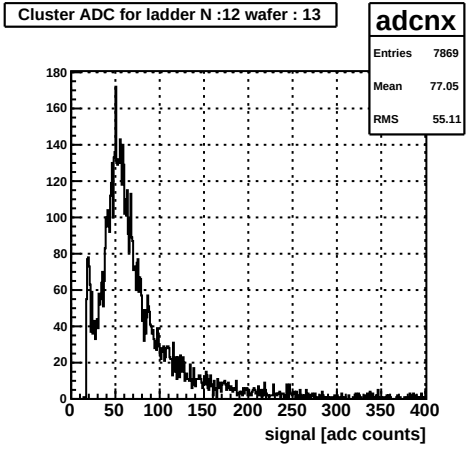

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 18607
Mean 64.22
RMS 54.22
signal [adc counts]

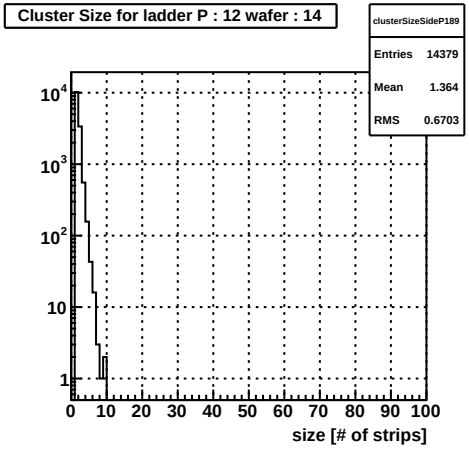

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 5377
Mean 1.309
RMS 0.6277
size [# of strips]

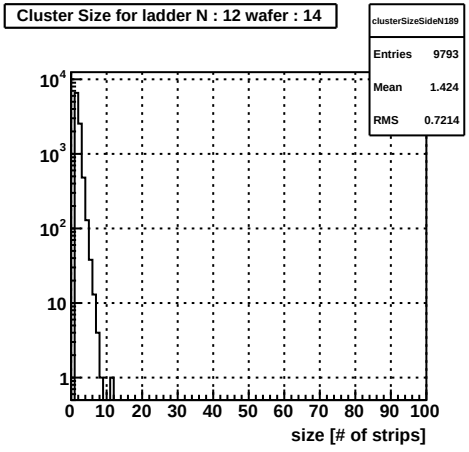

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 7869
Mean 1.54
RMS 0.7636
size [# of strips]

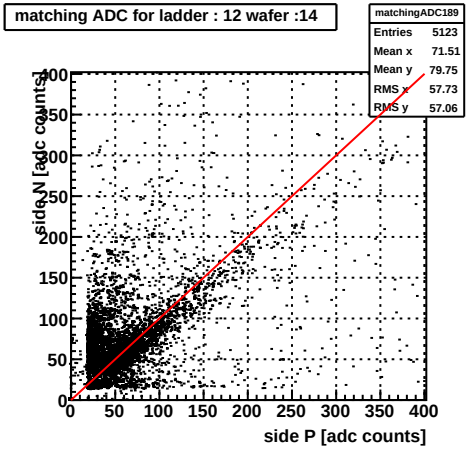

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 2340
Mean x 84.51
Mean y 77.56
RMS x 56.65
RMS y 50.78
side N [adc counts]
side P [adc counts]

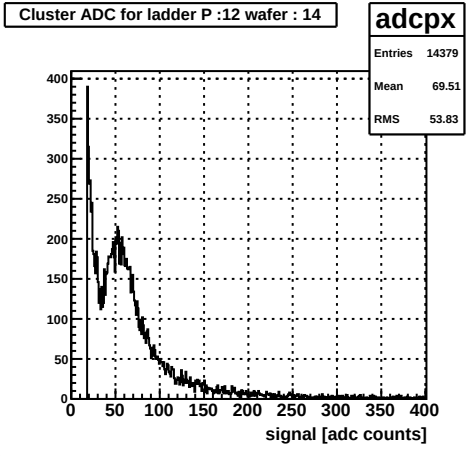

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 5377
Mean 61.33
RMS 49.89
signal [adc counts]

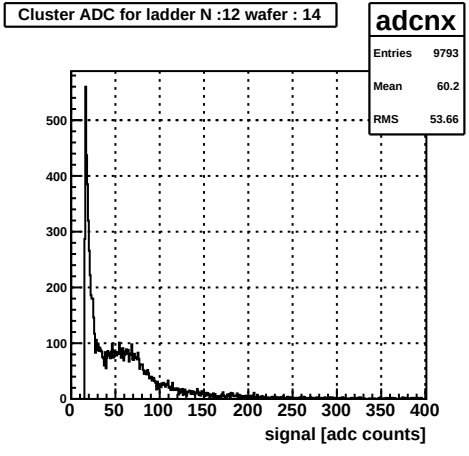

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 7869
Mean 77.05
RMS 55.11
signal [adc counts]

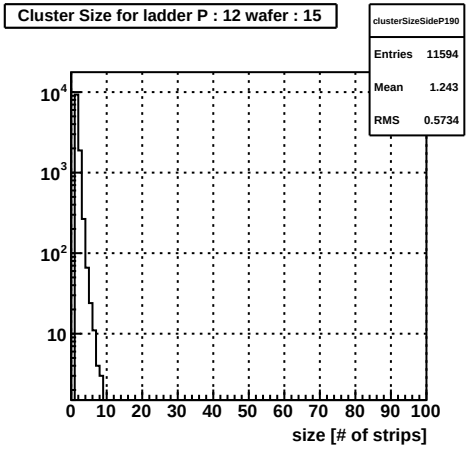

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 14379
Mean 1.364
RMS 0.6703
size [# of strips]

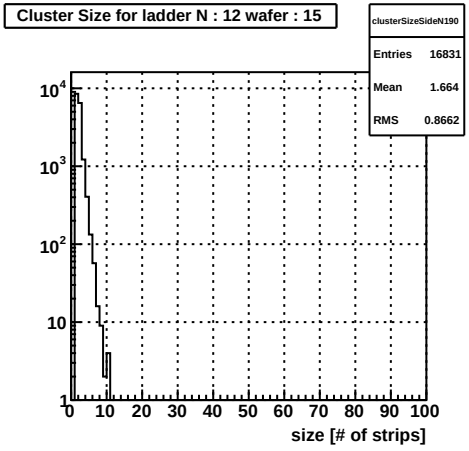

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 9793
Mean 1.424
RMS 0.7214
size [# of strips]

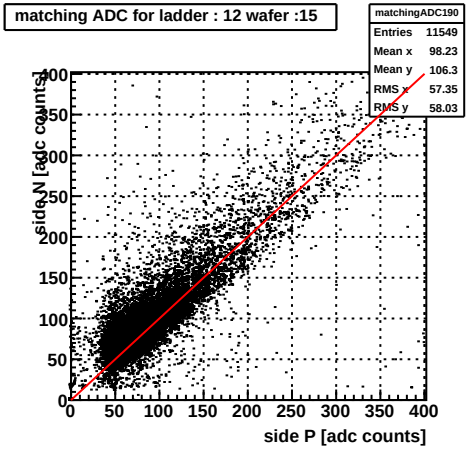

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 5123
Mean x 71.51
Mean y 79.75
RMS x 57.73
RMS y 57.06
side N [adc counts]
side P [adc counts]

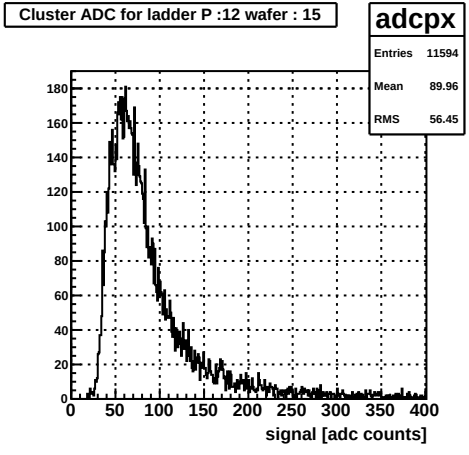

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 14379
Mean 69.51
RMS 53.83
signal [adc counts]

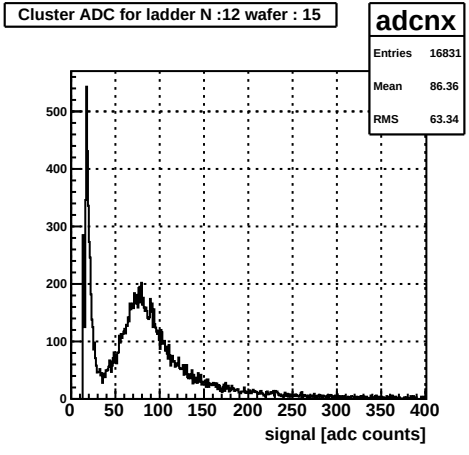

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 9793
Mean 60.2
RMS 53.66
signal [adc counts]

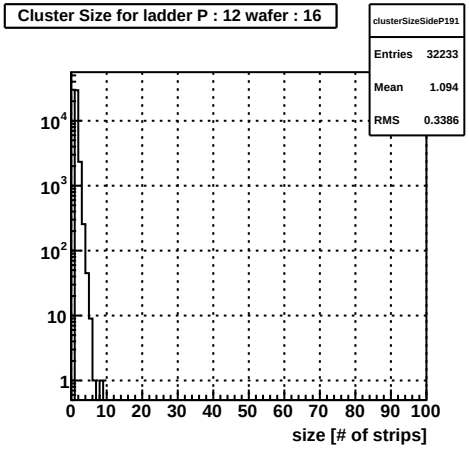

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 11594
Mean 1.243
RMS 0.5734
size [# of strips]

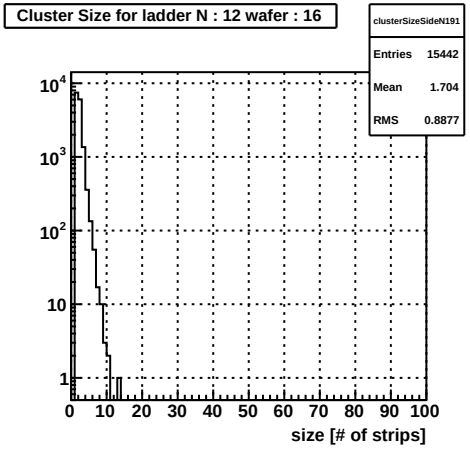

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 16831
Mean 1.664
RMS 0.8662
size [# of strips]

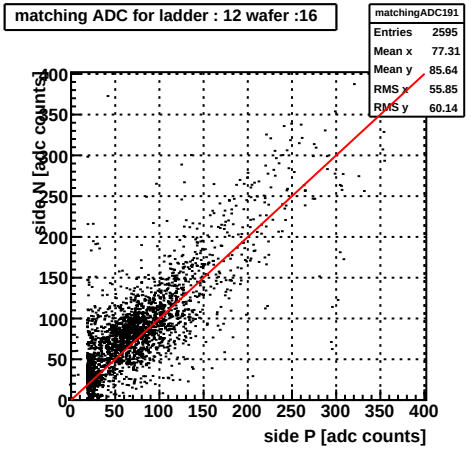

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 11549
Mean x 98.23
Mean y 106.3
RMS x 57.35
RMS y 58.03
side N [adc counts]
side P [adc counts]

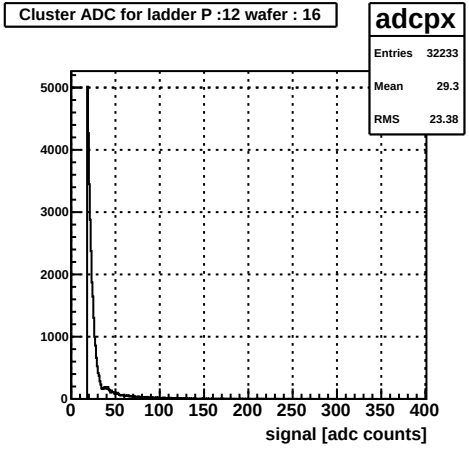

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 11594
Mean 89.96
RMS 56.45
signal [adc counts]

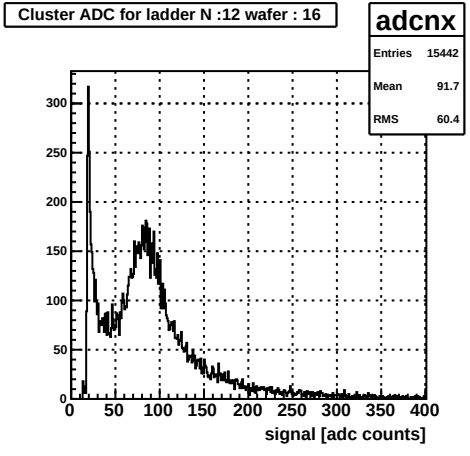

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 16831
Mean 86.36
RMS 63.34
signal [adc counts]

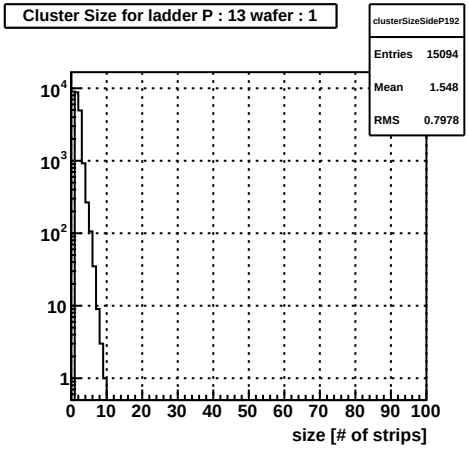

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 32233
Mean 1.094
RMS 0.3386
size [# of strips]

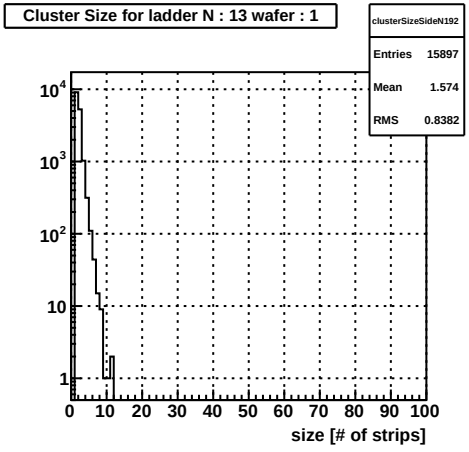

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 15442
Mean 1.704
RMS 0.8877
size [# of strips]

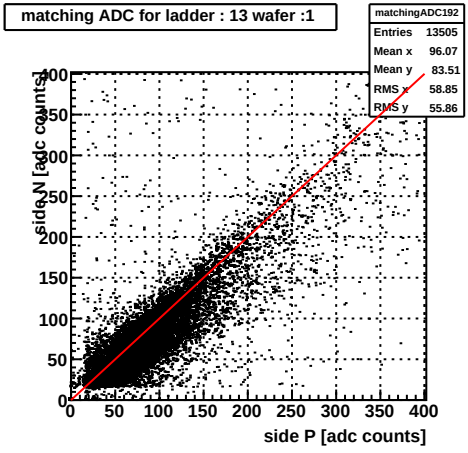

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 2595
Mean x 77.31
Mean y 85.64
RMS x 55.85
RMS y 60.14
side N [adc counts]
side P [adc counts]

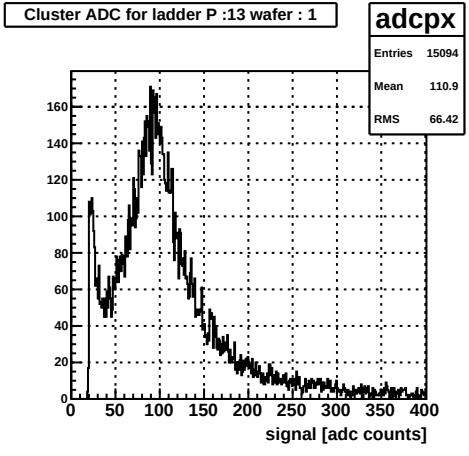

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 32233
Mean 29.3
RMS 23.38
signal [adc counts]

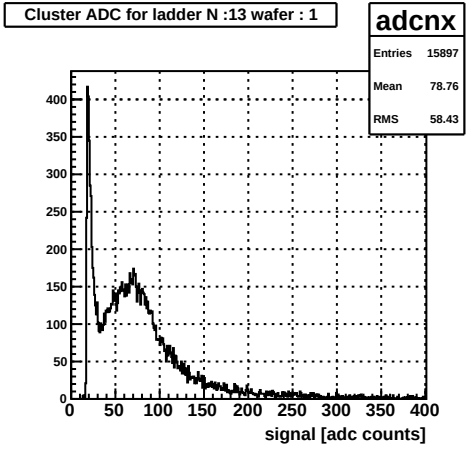

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 15442
Mean 91.7
RMS 60.4
signal [adc counts]

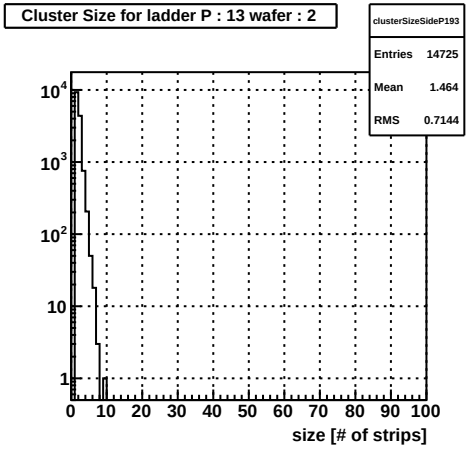

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 15094
Mean 1.548
RMS 0.7978
size [# of strips]

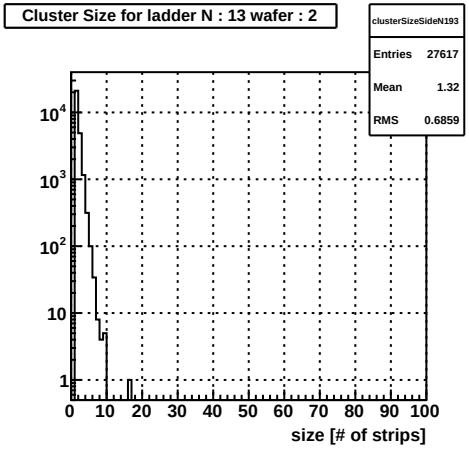

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 15897
Mean 1.574
RMS 0.8382
size [# of strips]

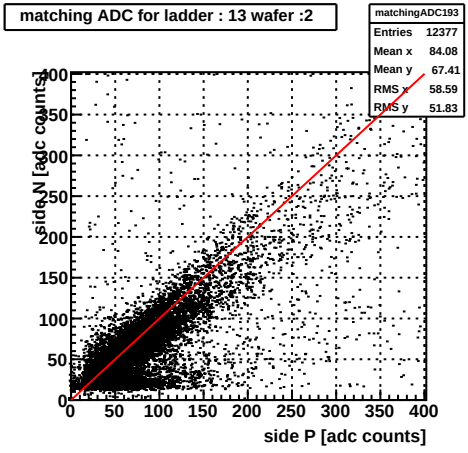

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 13505
Mean x 96.07
Mean y 83.51
RMS x 58.85
RMS y 55.86
side N [adc counts]
side P [adc counts]

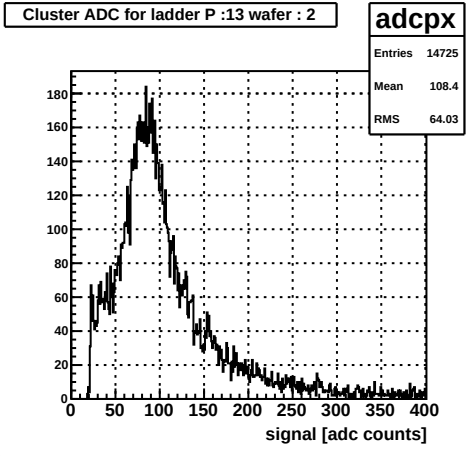

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 15094
Mean 110.9
RMS 66.42
signal [adc counts]

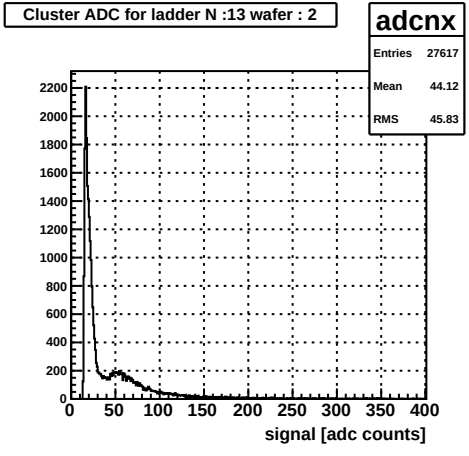

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 15897
Mean 78.76
RMS 58.43
signal [adc counts]

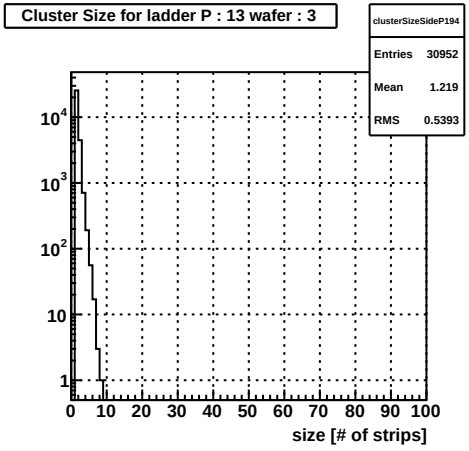

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 14725
Mean 1.464
RMS 0.7144
size [# of strips]

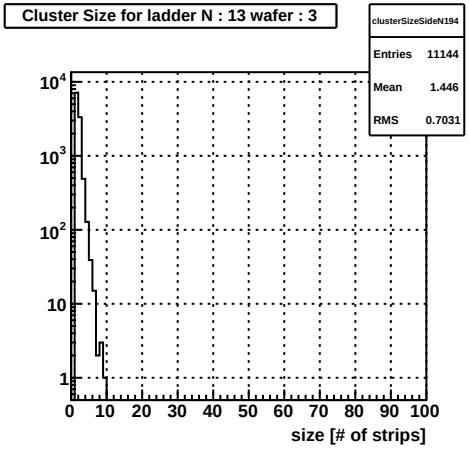

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 27617
Mean 1.32
RMS 0.6859
size [# of strips]

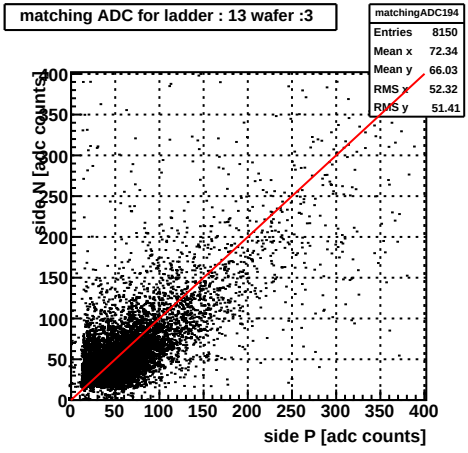

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 12377
Mean x 84.08
Mean y 67.41
RMS x 58.59
RMS y 51.83
side N [adc counts]
side P [adc counts]

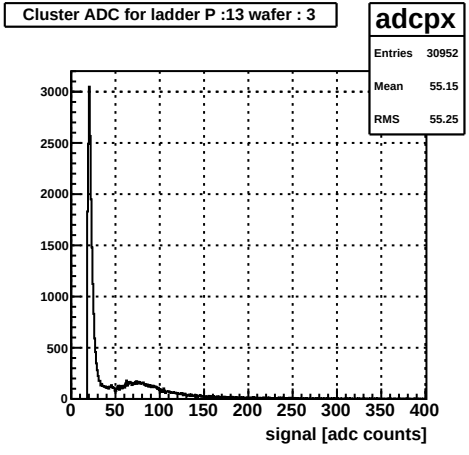

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 14725
Mean 108.4
RMS 64.03
signal [adc counts]

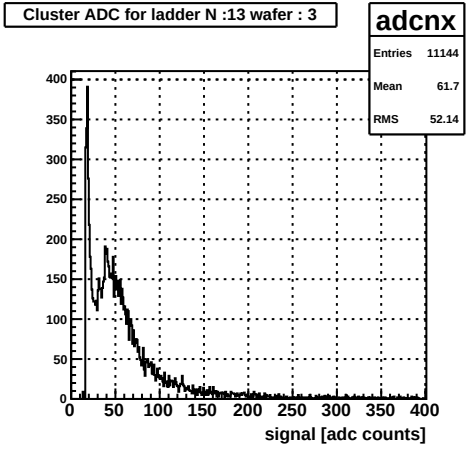

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 27617
Mean 44.12
RMS 45.83
signal [adc counts]

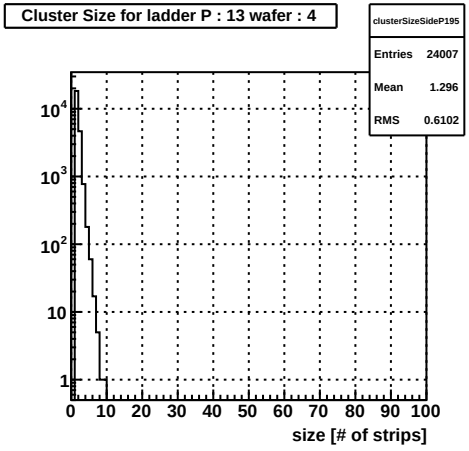

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 30952
Mean 1.219
RMS 0.5393
size [# of strips]

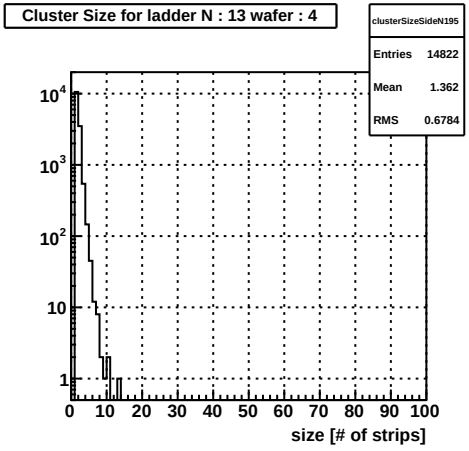

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 11144
Mean 1.446
RMS 0.7031
size [# of strips]

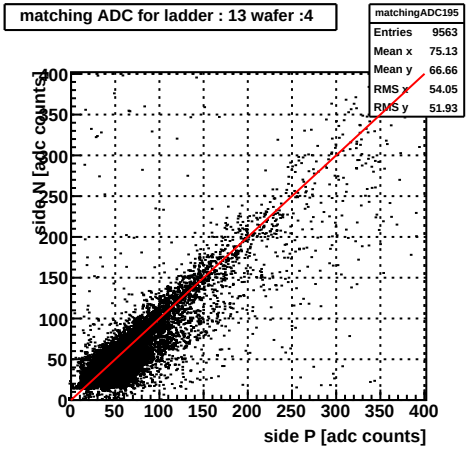

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 8150
Mean x 72.34
Mean y 66.03
RMS x 52.32
RMS y 51.41
side N [adc counts]
side P [adc counts]

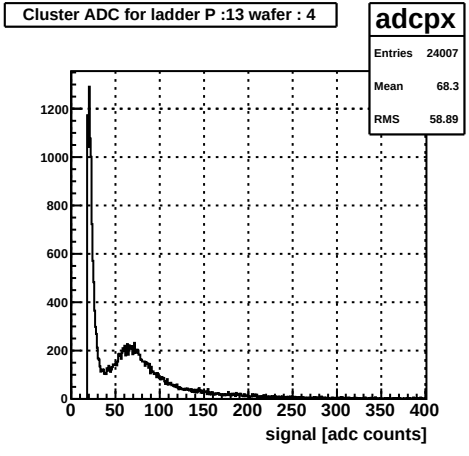

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 30952
Mean 55.15
RMS 55.25
signal [adc counts]

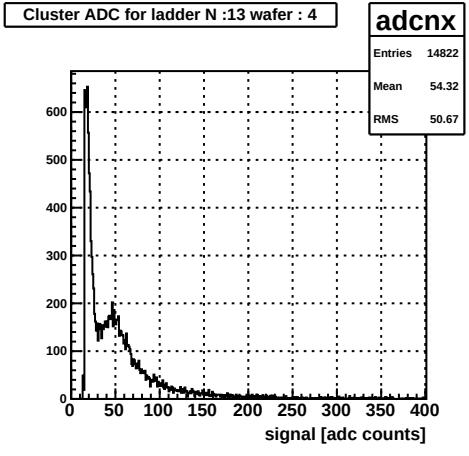

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 11144
Mean 61.7
RMS 52.14
signal [adc counts]

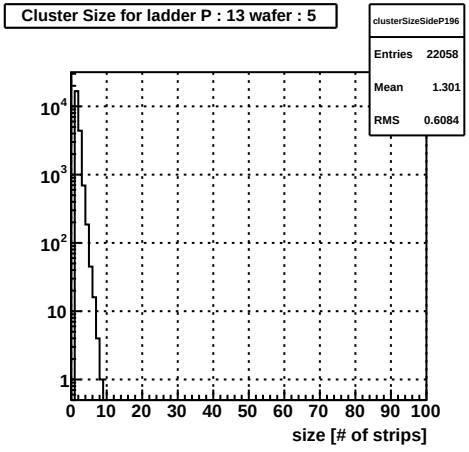

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 24007
Mean 1.296
RMS 0.6102
size [# of strips]

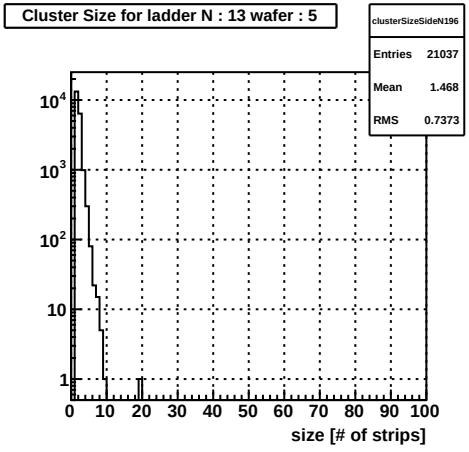

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 14822
Mean 1.362
RMS 0.6784
size [# of strips]

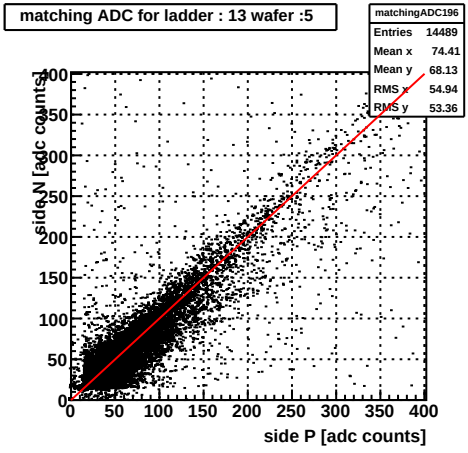

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 9563
Mean x 75.13
Mean y 66.66
RMS x 54.05
RMS y 51.93
side N [adc counts]
side P [adc counts]

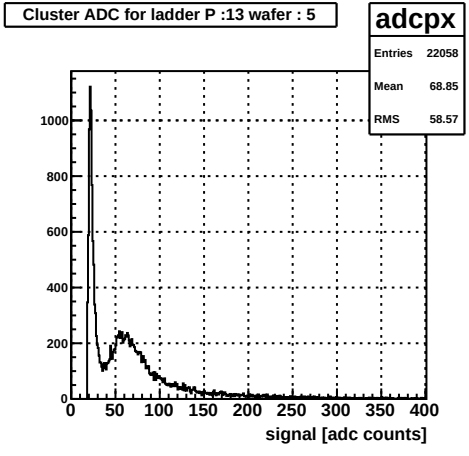

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 24007
Mean 68.3
RMS 58.89
signal [adc counts]

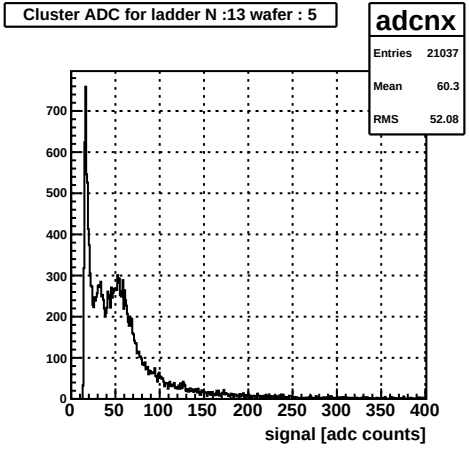

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 14822
Mean 54.32
RMS 50.67
signal [adc counts]

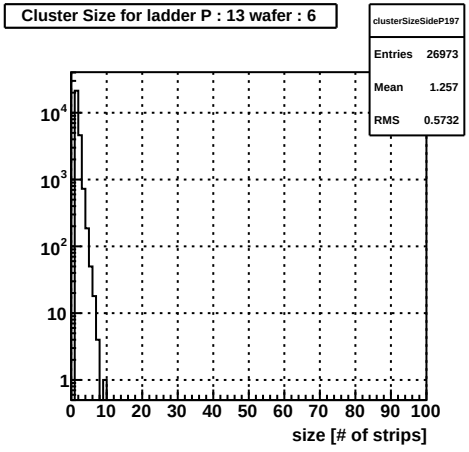

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 22058
Mean 1.301
RMS 0.6084
size [# of strips]

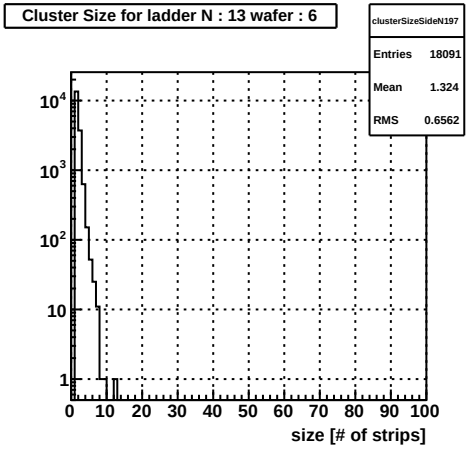

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 21037
Mean 1.468
RMS 0.7373
size [# of strips]

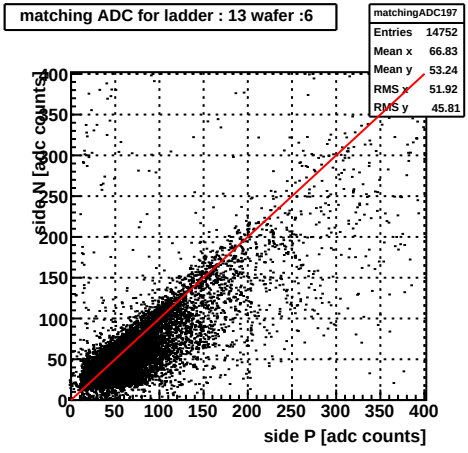

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 14489
Mean x 74.41
Mean y 68.13
RMS x 54.94
RMS y 53.36
side N [adc counts]
side P [adc counts]

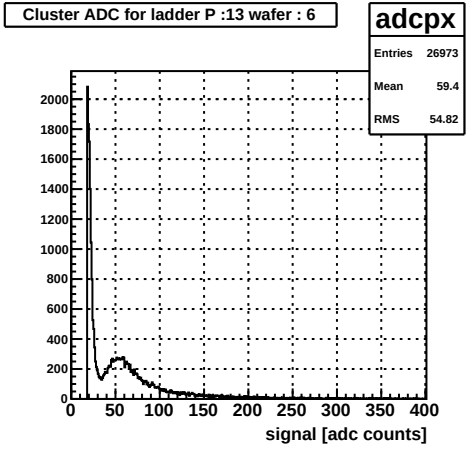

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 22058
Mean 68.85
RMS 58.57
signal [adc counts]

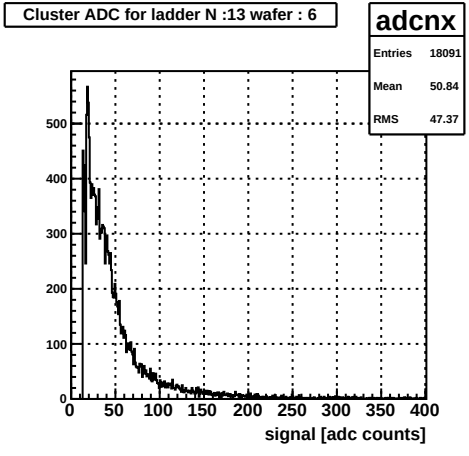

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 21037
Mean 60.3
RMS 52.08
signal [adc counts]

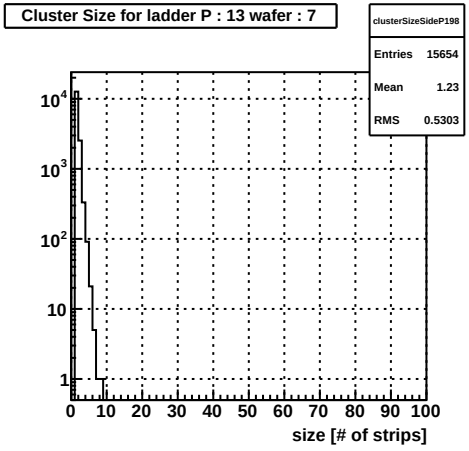

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 26973
Mean 1.257
RMS 0.5732
size [# of strips]

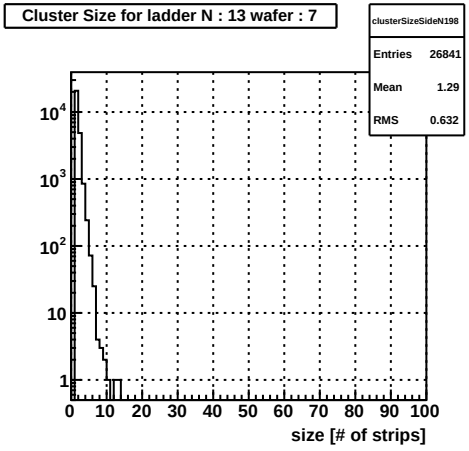

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 18091
Mean 1.324
RMS 0.6562
size [# of strips]

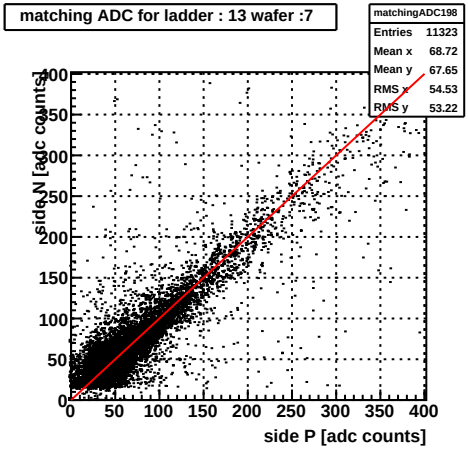

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 14752
Mean x 66.83
Mean y 53.24
RMS x 51.92
RMS y 45.81
side N [adc counts]
side P [adc counts]

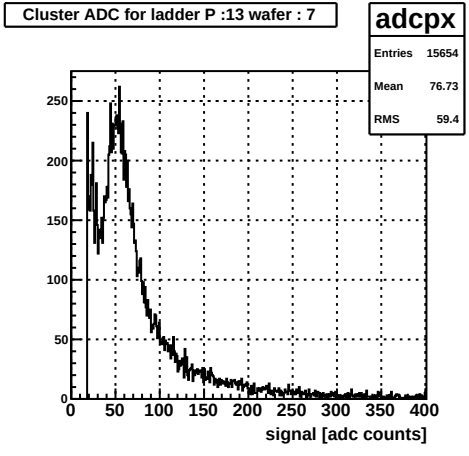

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 26973
Mean 59.4
RMS 54.82
signal [adc counts]

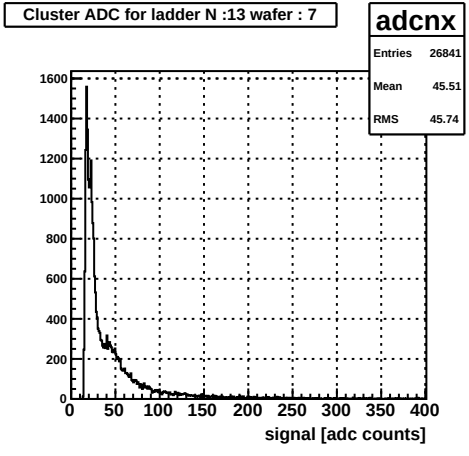

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 18091
Mean 50.84
RMS 47.37
signal [adc counts]

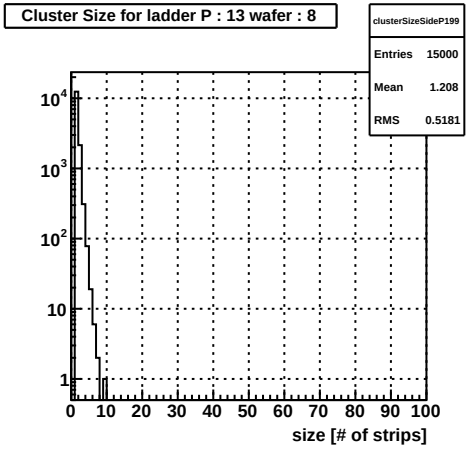

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 15654
Mean 1.23
RMS 0.5303
size [# of strips]

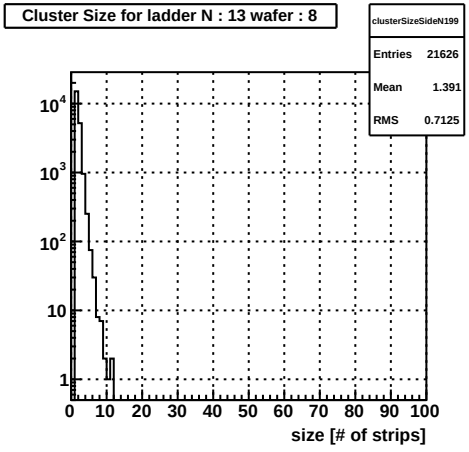

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 26841
Mean 1.29
RMS 0.632
size [# of strips]

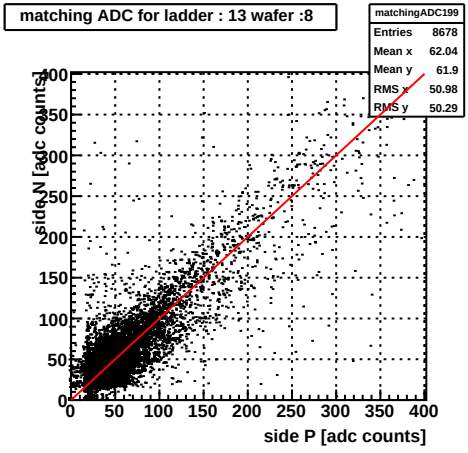

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 11323
Mean x 68.72
Mean y 67.65
RMS x 54.53
RMS y 53.22
side N [adc counts]
side P [adc counts]

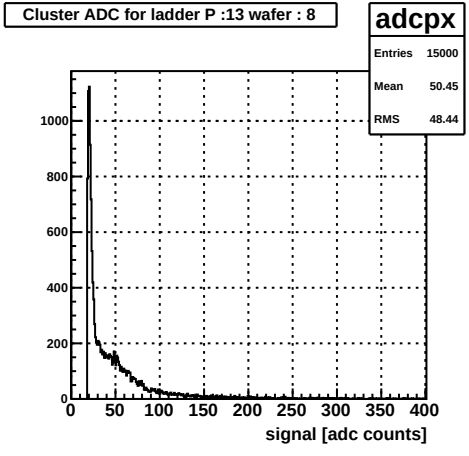

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 15654
Mean 76.73
RMS 59.4
signal [adc counts]

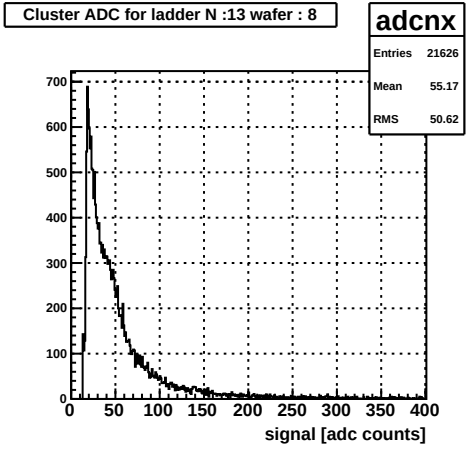

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 26841
Mean 45.51
RMS 45.74
signal [adc counts]

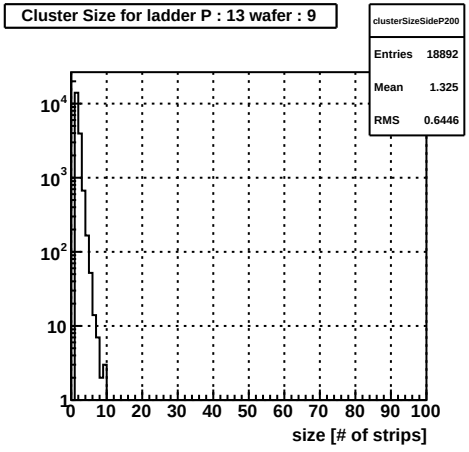

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 15000
Mean 1.208
RMS 0.5181
size [# of strips]

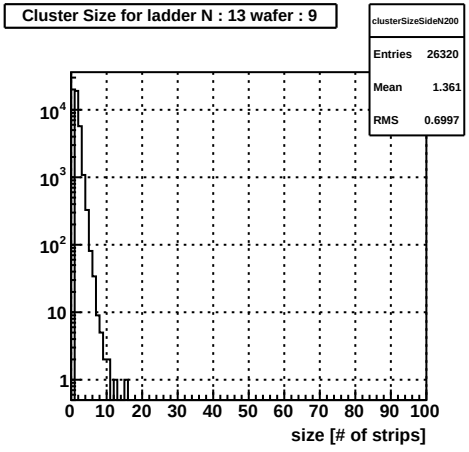

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 21626
Mean 1.391
RMS 0.7125
size [# of strips]

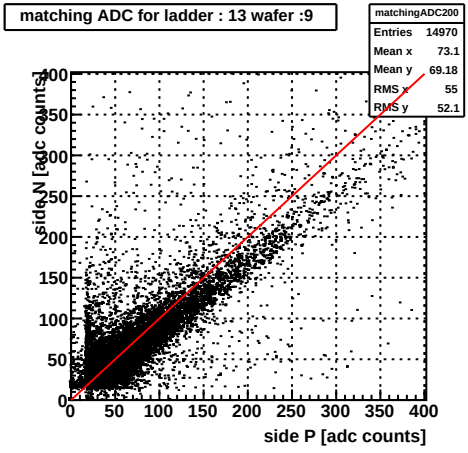

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 8678
Mean x 62.04
Mean y 61.9
RMS x 50.98
RMS y 50.29
side N [adc counts]
side P [adc counts]

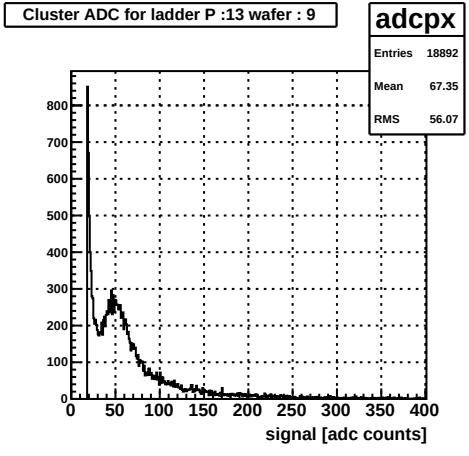

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 15000
Mean 50.45
RMS 48.44
signal [adc counts]

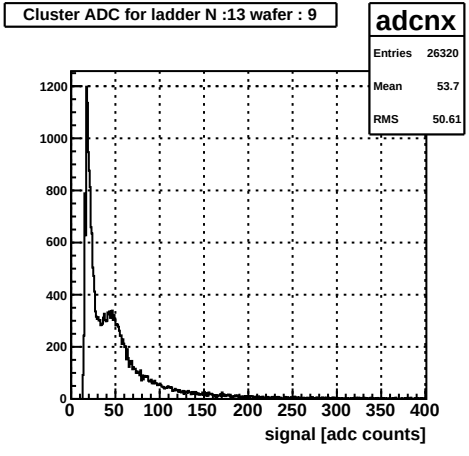

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 21626
Mean 55.17
RMS 50.62
signal [adc counts]

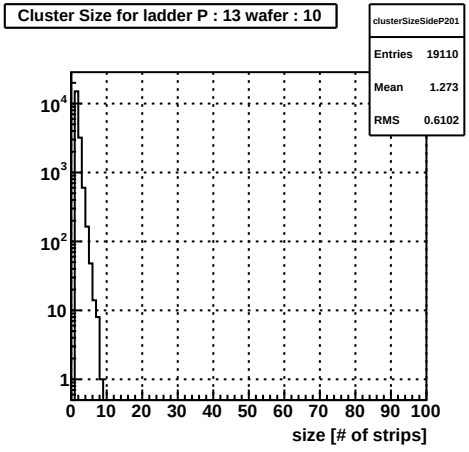

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 18892
Mean 1.325
RMS 0.6446
size [# of strips]

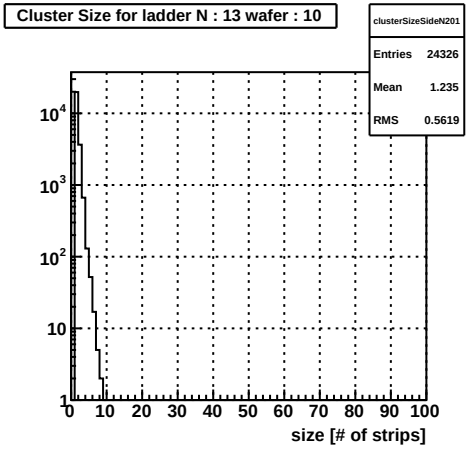

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 26320
Mean 1.361
RMS 0.6997
size [# of strips]

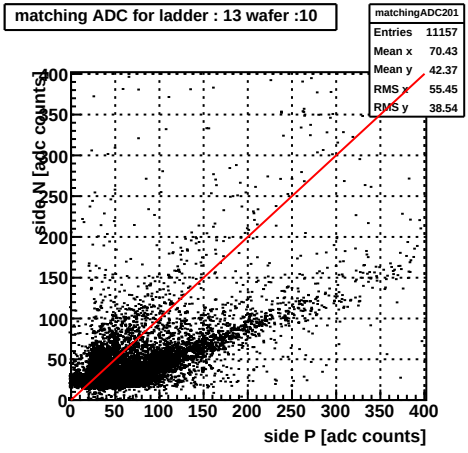

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 14970
Mean x 73.1
Mean y 69.18
RMS x 55
RMS y 52.1
side N [adc counts]
side P [adc counts]

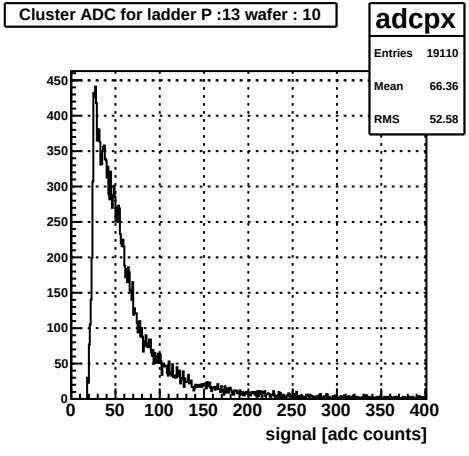

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 18892
Mean 67.35
RMS 56.07
signal [adc counts]

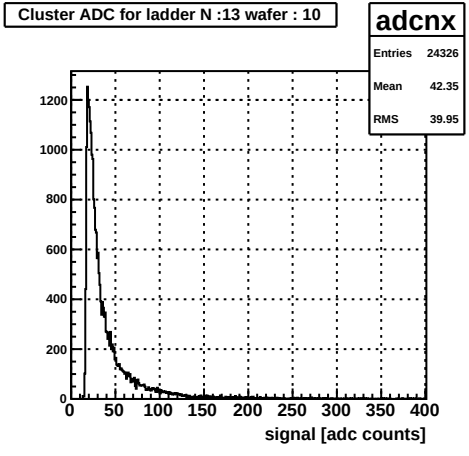

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 26320
Mean 53.7
RMS 50.61
signal [adc counts]

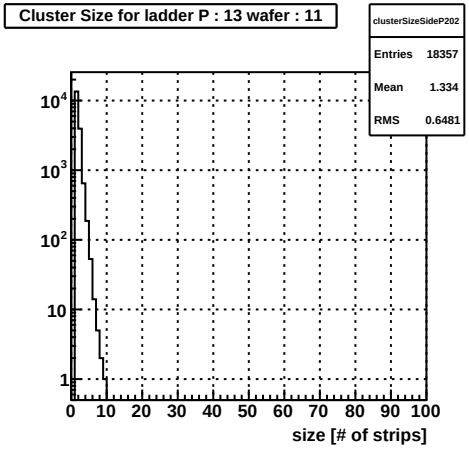

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 19110
Mean 1.273
RMS 0.6102
size [# of strips]

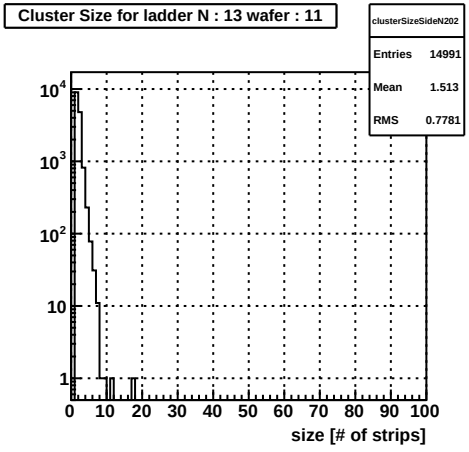

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 24326
Mean 1.235
RMS 0.5619
size [# of strips]

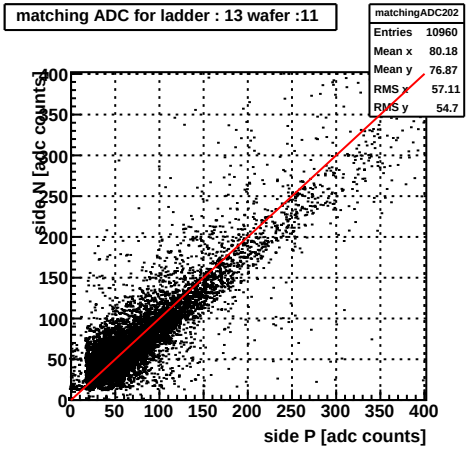

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 11157
Mean x 70.43
Mean y 42.37
RMS x 55.45
RMS y 38.54
side N [adc counts]
side P [adc counts]

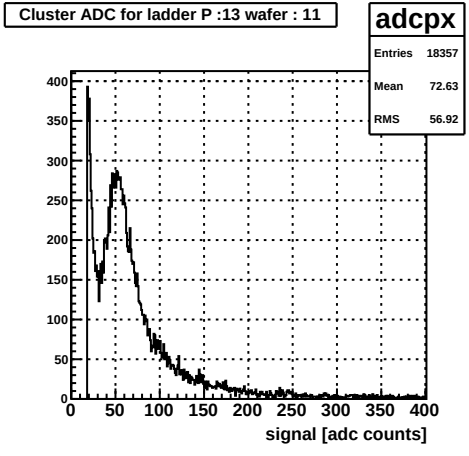

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 19110
Mean 66.36
RMS 52.58
signal [adc counts]

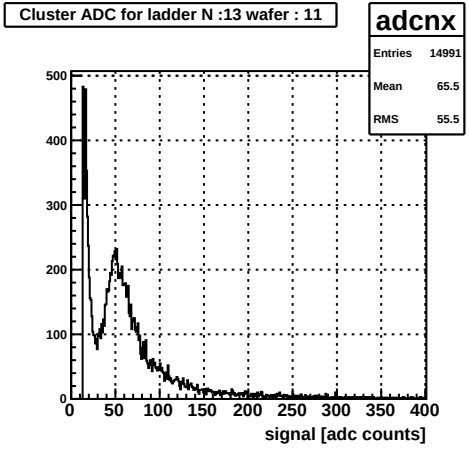

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 24326
Mean 42.35
RMS 39.95
signal [adc counts]

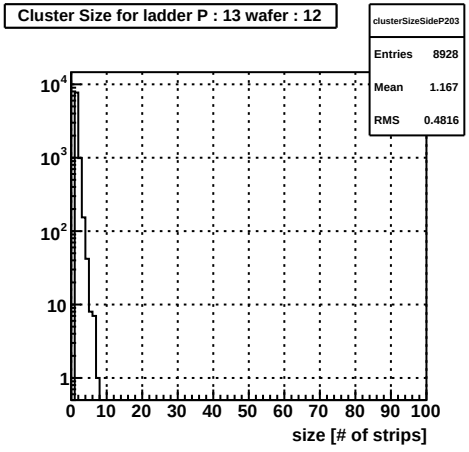

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 18357
Mean 1.334
RMS 0.6481
size [# of strips]

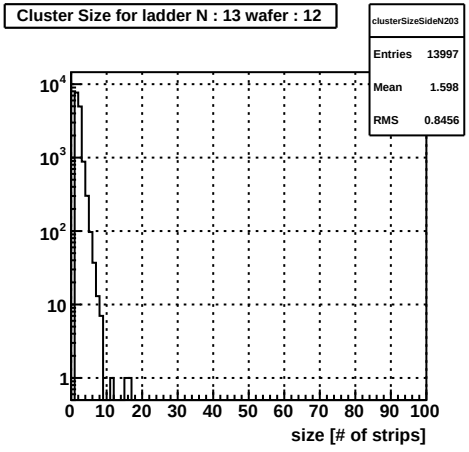

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 14991
Mean 1.513
RMS 0.7781
size [# of strips]

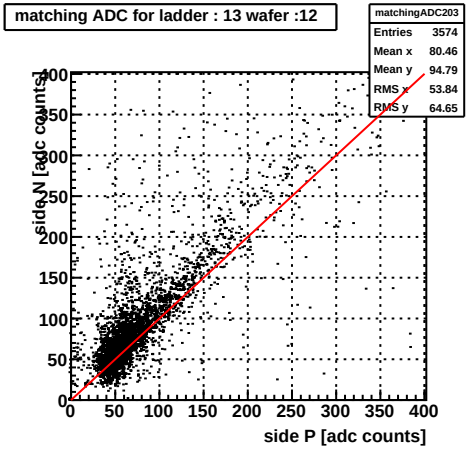

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 10960
Mean x 80.18
Mean y 76.87
RMS x 57.11
RMS y 54.7
side N [adc counts]
side P [adc counts]

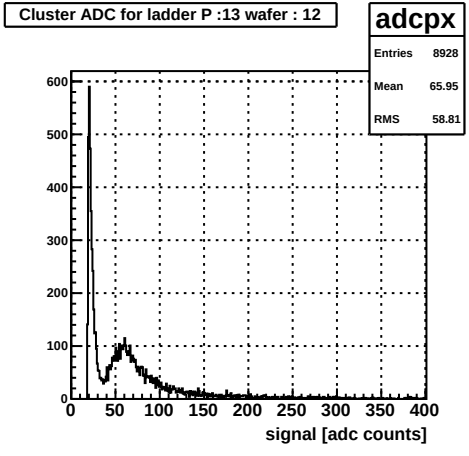

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 18357
Mean 72.63
RMS 56.92
signal [adc counts]

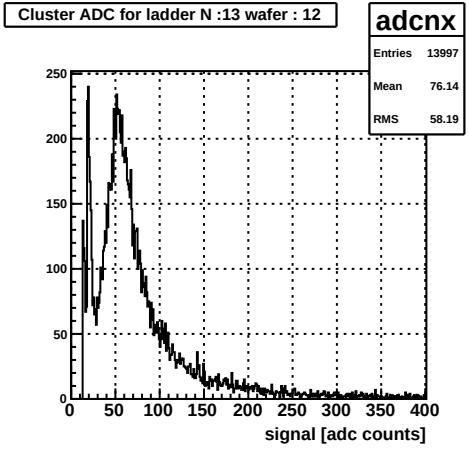

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 14991
Mean 65.5
RMS 55.5
signal [adc counts]

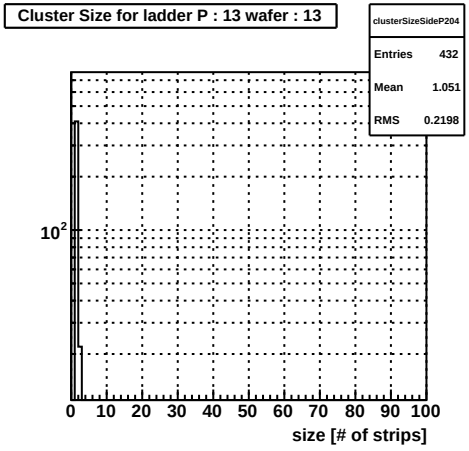

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 8928
Mean 1.167
RMS 0.4816
size [# of strips]

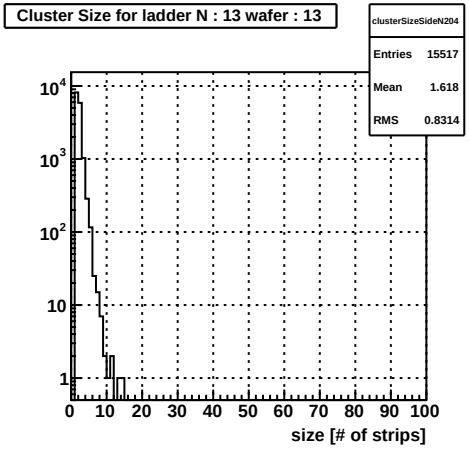

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 13997
Mean 1.598
RMS 0.8456
size [# of strips]

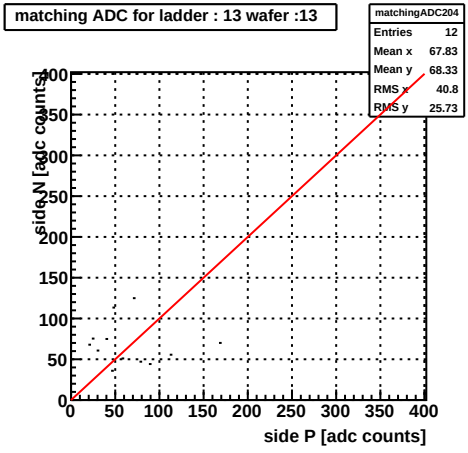

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 3574
Mean x 80.46
Mean y 94.79
RMS x 53.84
RMS y 64.65
side N [adc counts]
side P [adc counts]

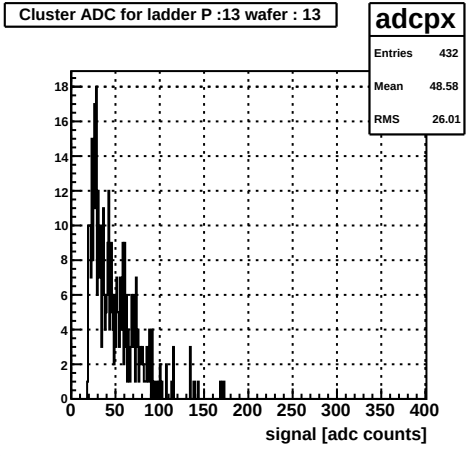

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 8928
Mean 65.95
RMS 58.81
signal [adc counts]

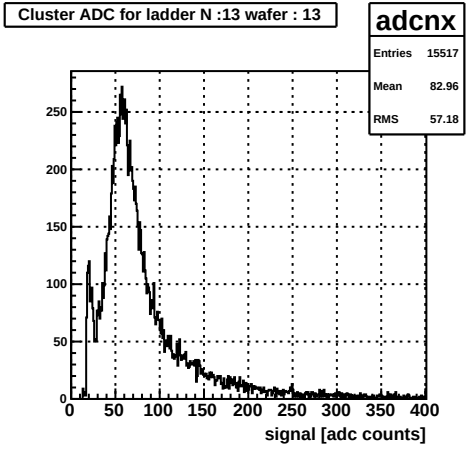

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 13997
Mean 76.14
RMS 58.19
signal [adc counts]

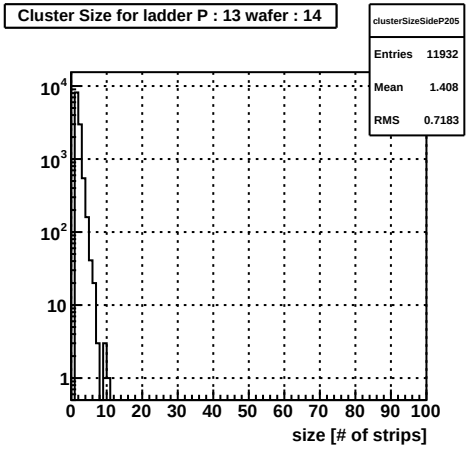

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 432
Mean 1.051
RMS 0.2198
size [# of strips]

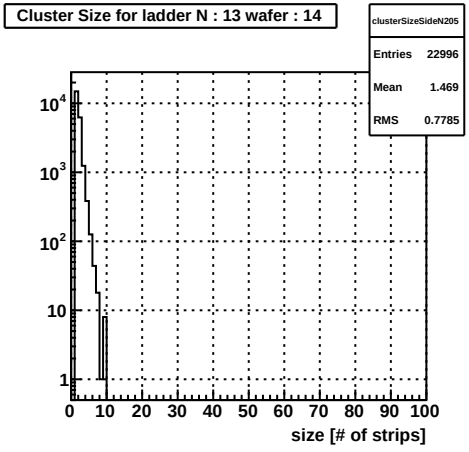

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 15517
Mean 1.618
RMS 0.8314
size [# of strips]

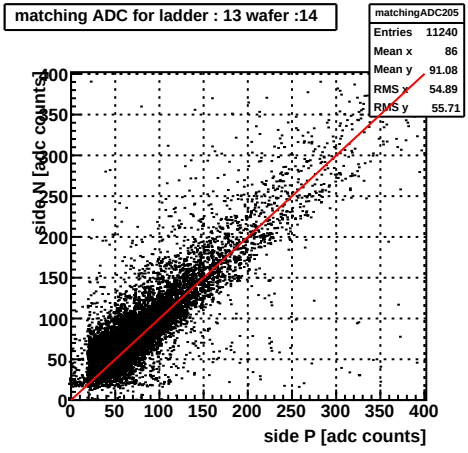

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 12
Mean x 67.83
Mean y 68.33
RMS x 40.8
RMS y 25.73
side N [adc counts]
side P [adc counts]

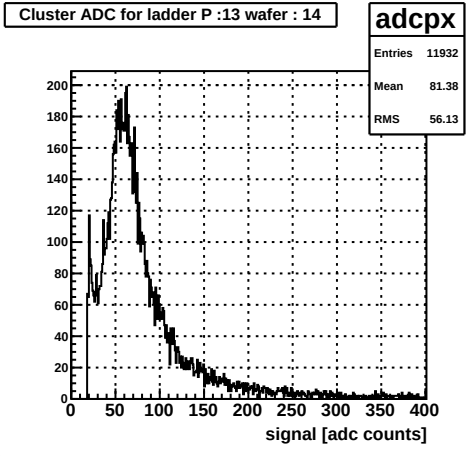

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 432
Mean 48.58
RMS 26.01
signal [adc counts]

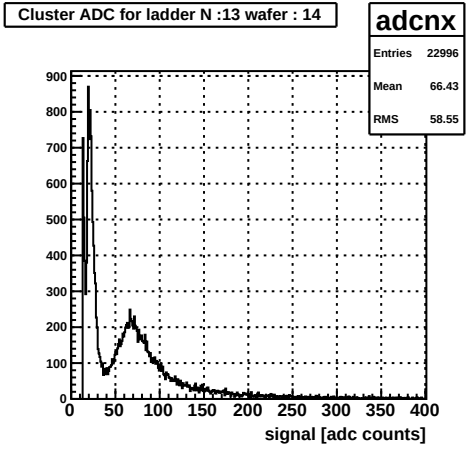

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 15517
Mean 82.96
RMS 57.18
signal [adc counts]

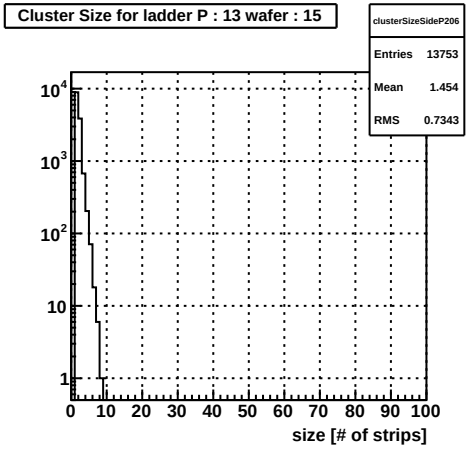

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 11932
Mean 1.408
RMS 0.7183
size [# of strips]

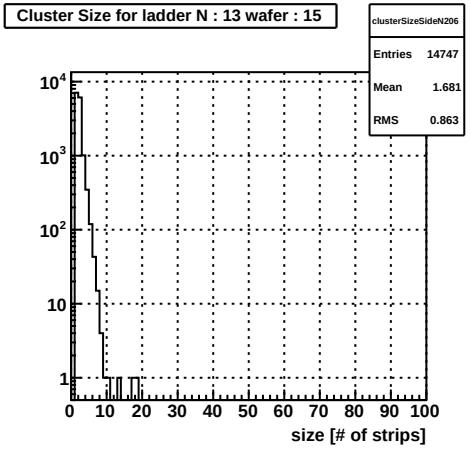

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 22996
Mean 1.469
RMS 0.7785
size [# of strips]

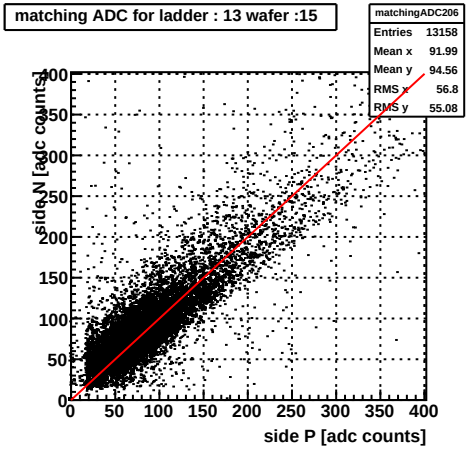

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 11240
Mean x 86
Mean y 91.08
RMS x 54.89
RMS y 55.71
side N [adc counts]
side P [adc counts]

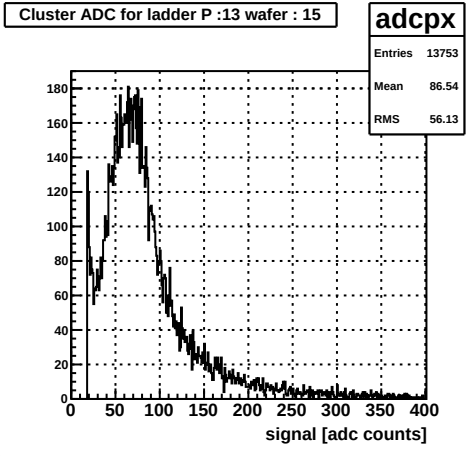

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 11932
Mean 81.38
RMS 56.13
signal [adc counts]

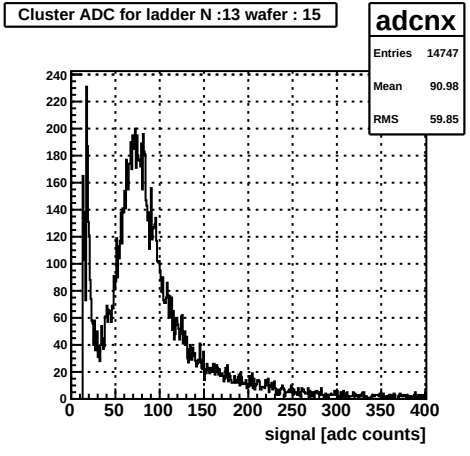

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 22996
Mean 66.43
RMS 58.55
signal [adc counts]

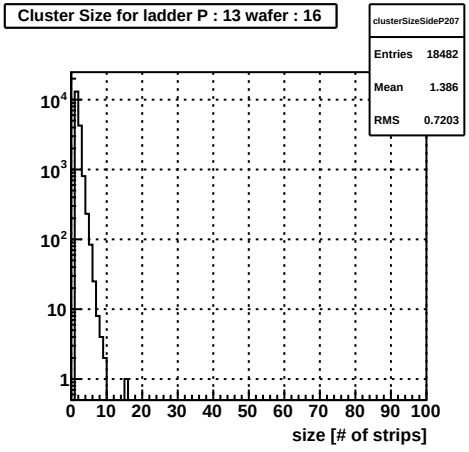

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 13753
Mean 1.454
RMS 0.7343
size [# of strips]

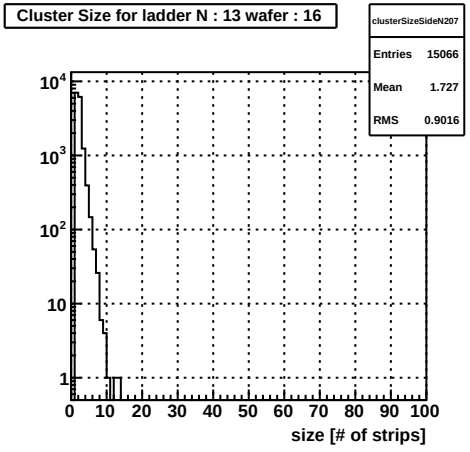

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 14747
Mean 1.681
RMS 0.863
size [# of strips]

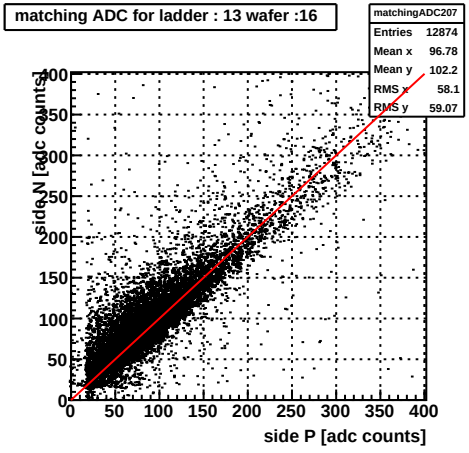

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 13158
Mean x 91.99
Mean y 94.56
RMS x 56.8
RMS y 55.08
side N [adc counts]
side P [adc counts]

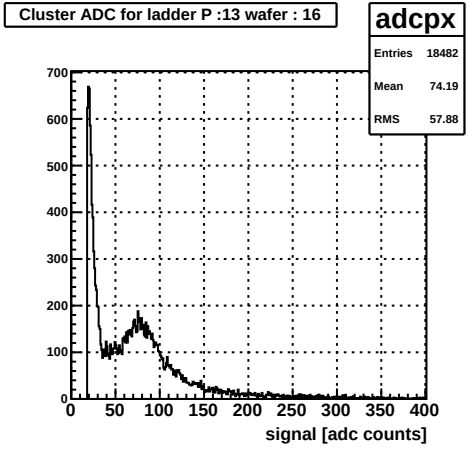

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 13753
Mean 86.54
RMS 56.13
signal [adc counts]

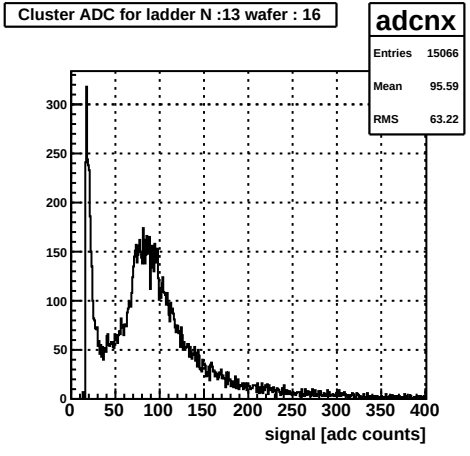

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 14747
Mean 90.98
RMS 59.85
signal [adc counts]

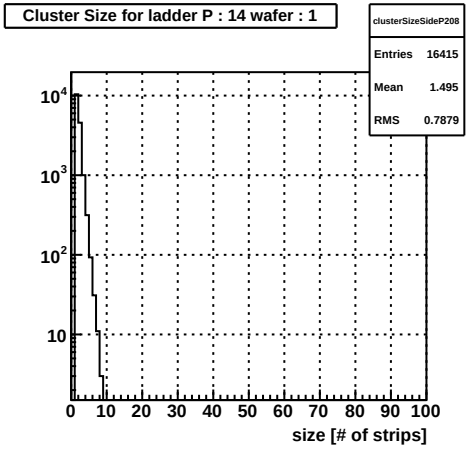

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 18482
Mean 1.386
RMS 0.7203
size [# of strips]

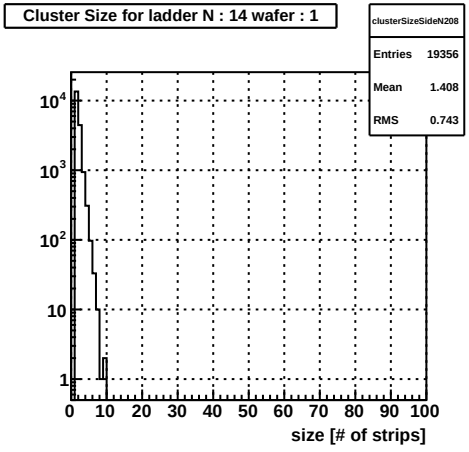

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 15066
Mean 1.727
RMS 0.9016
size [# of strips]

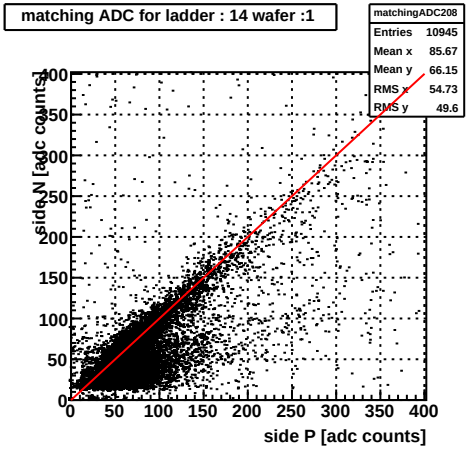

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 12874
Mean x 96.78
Mean y 102.2
RMS x 58.1
RMS y 59.07
side N [adc counts]
side P [adc counts]

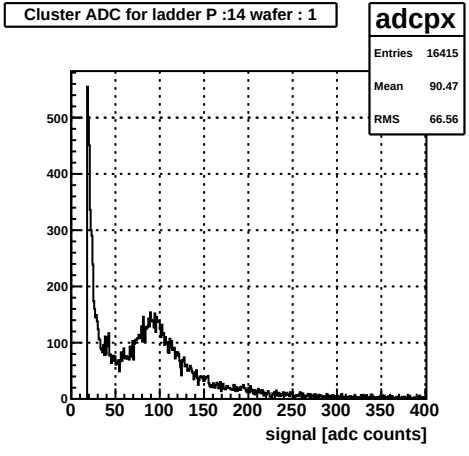

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 18482
Mean 74.19
RMS 57.88
signal [adc counts]

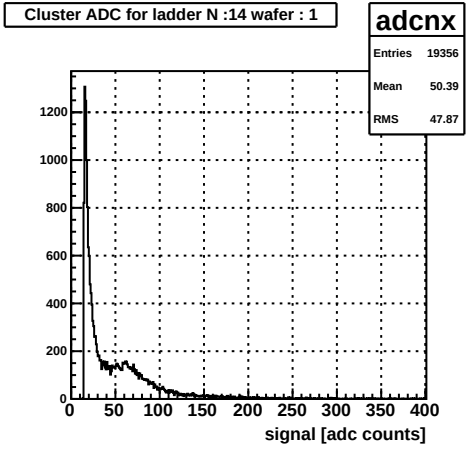

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 15066
Mean 95.59
RMS 63.22
signal [adc counts]

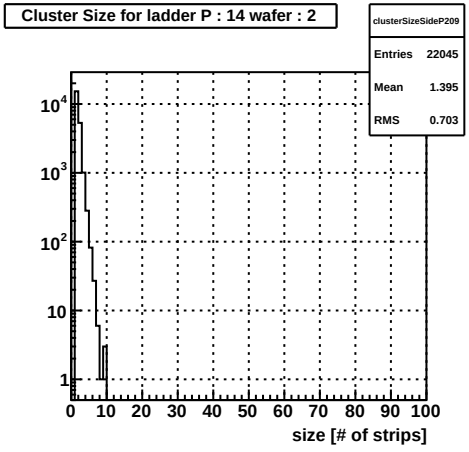

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 16415
Mean 1.495
RMS 0.7879
size [# of strips]

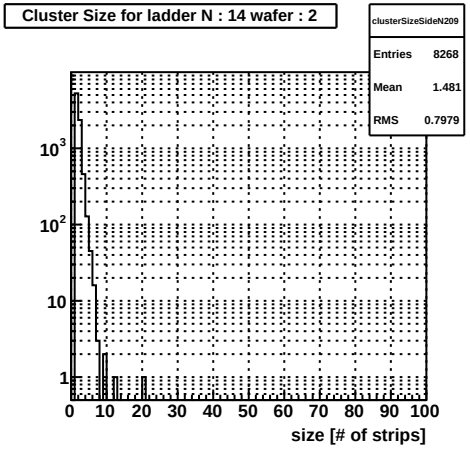

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 19356
Mean 1.408
RMS 0.743
size [# of strips]

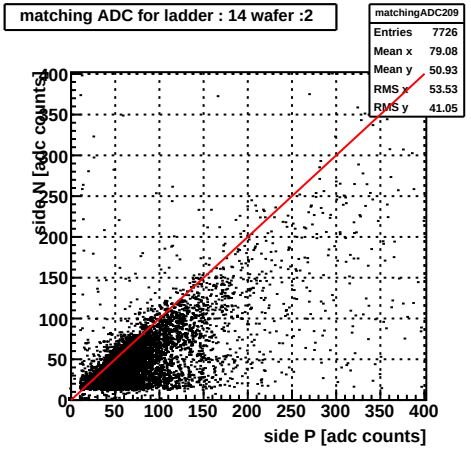

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 10945
Mean x 85.67
Mean y 66.15
RMS x 54.73
RMS y 49.6
side N [adc counts]
side P [adc counts]

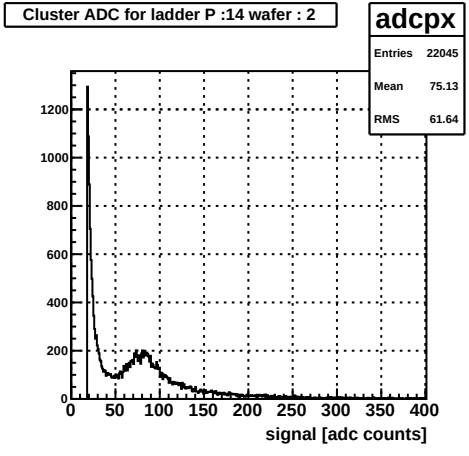

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 16415
Mean 90.47
RMS 66.56
signal [adc counts]

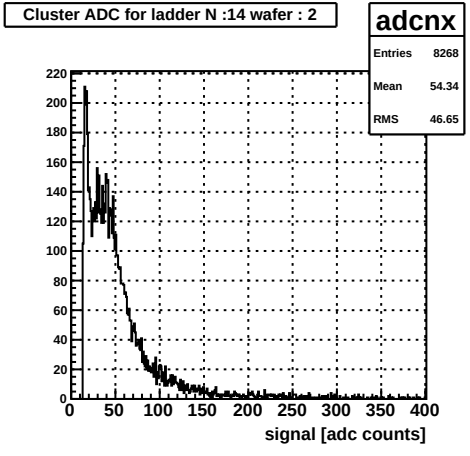

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 19356
Mean 50.39
RMS 47.87
signal [adc counts]

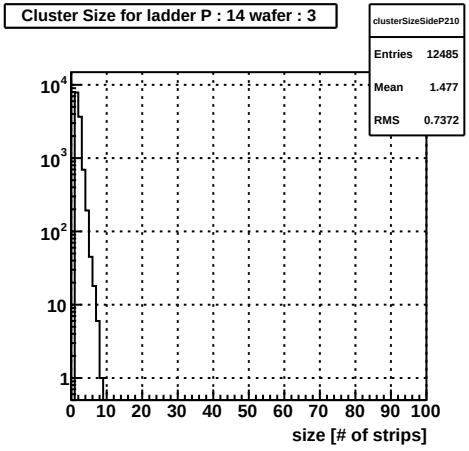

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 22045
Mean 1.395
RMS 0.703
size [# of strips]

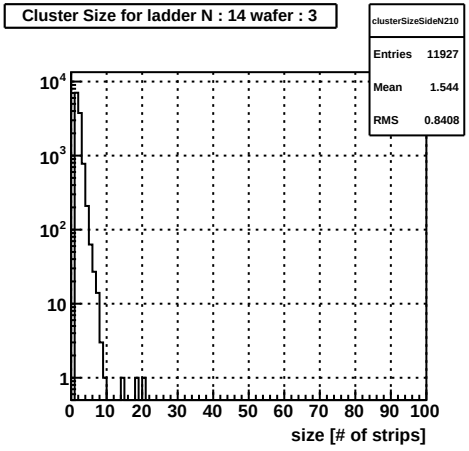

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 8268
Mean 1.481
RMS 0.7979
size [# of strips]

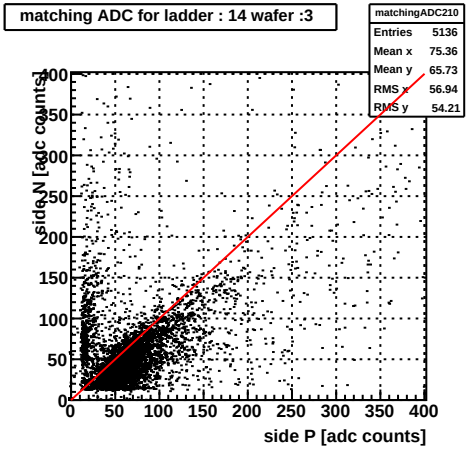

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 7726
Mean x 79.08
Mean y 50.93
RMS x 53.53
RMS y 41.05
side N [adc counts]
side P [adc counts]

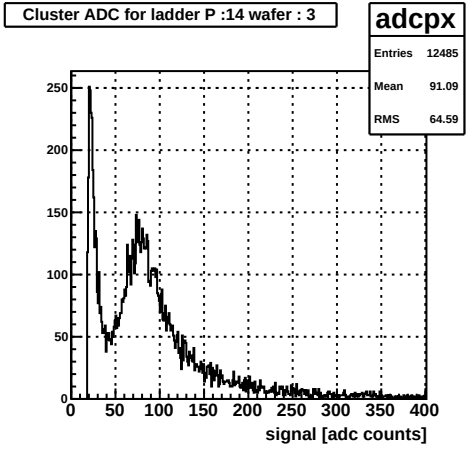

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 22045
Mean 75.13
RMS 61.64
signal [adc counts]

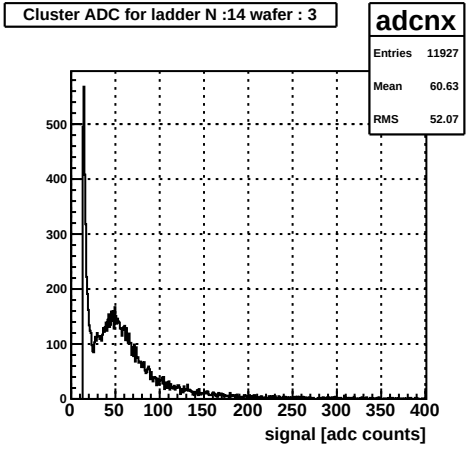

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 8268
Mean 54.34
RMS 46.65
signal [adc counts]

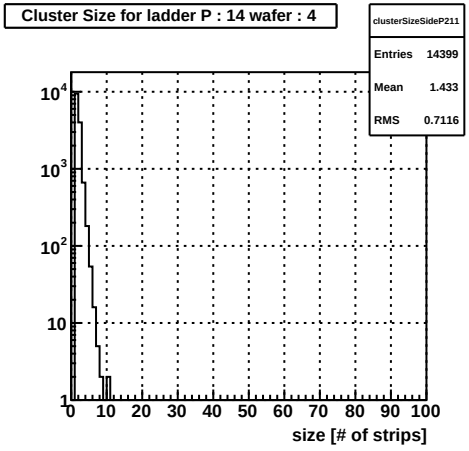

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 12485
Mean 1.477
RMS 0.7372
size [# of strips]

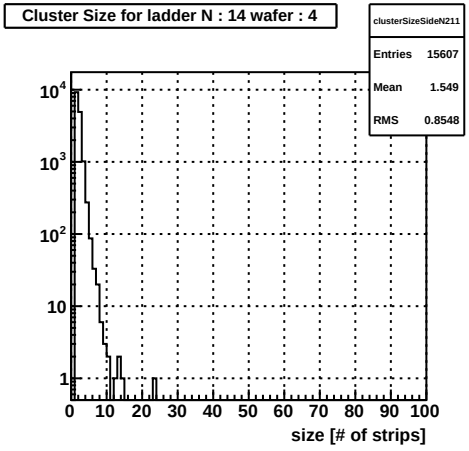

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 11927
Mean 1.544
RMS 0.8408
size [# of strips]

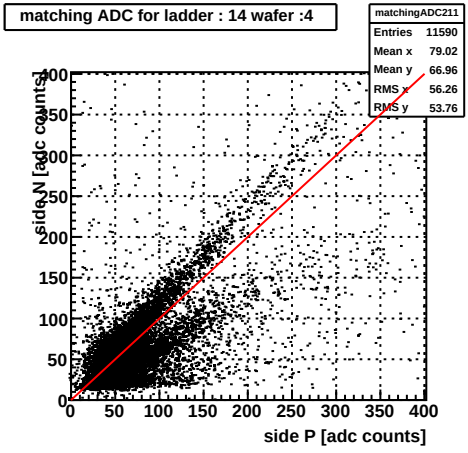

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 5136
Mean x 75.36
Mean y 65.73
RMS x 56.94
RMS y 54.21
side N [adc counts]
side P [adc counts]

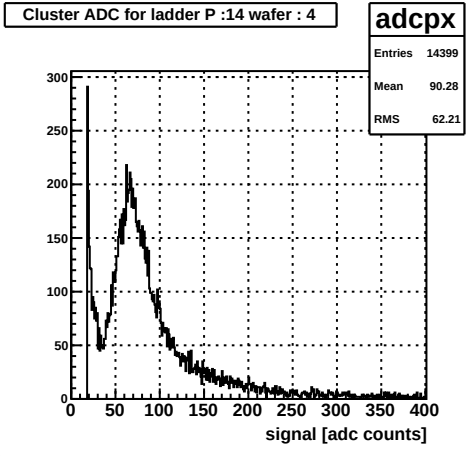

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 12485
Mean 91.09
RMS 64.59
signal [adc counts]

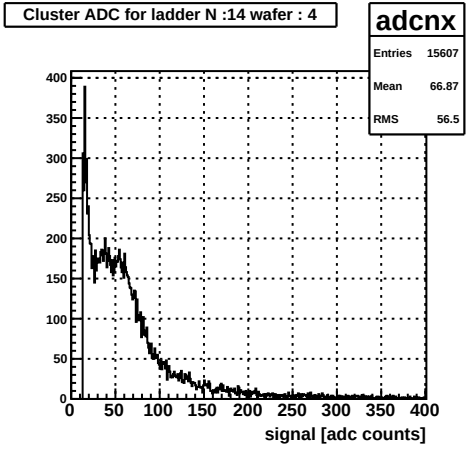

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 11927
Mean 60.63
RMS 52.07
signal [adc counts]

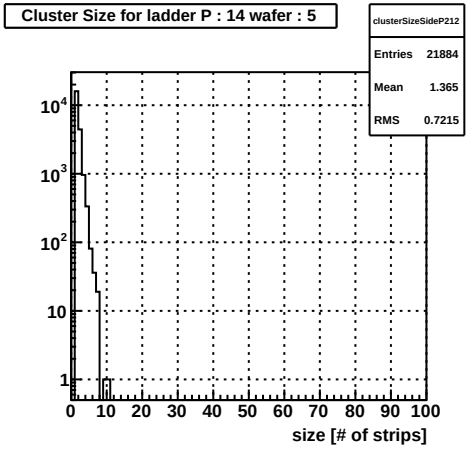

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 14399
Mean 1.433
RMS 0.7116
size [# of strips]

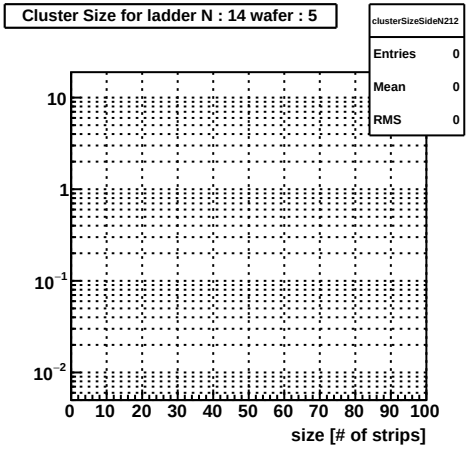

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 15607
Mean 1.549
RMS 0.8548
size [# of strips]

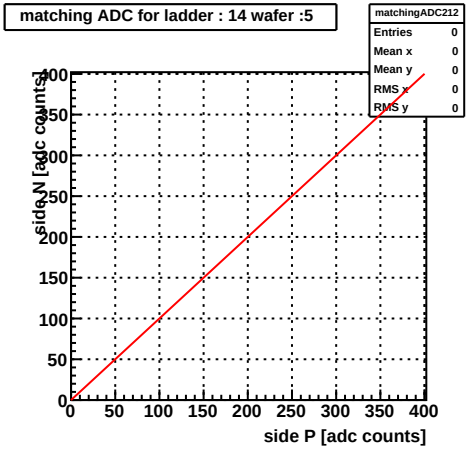

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 11590
Mean x 79.02
Mean y 66.96
RMS x 56.26
RMS y 53.76
side N [adc counts]
side P [adc counts]

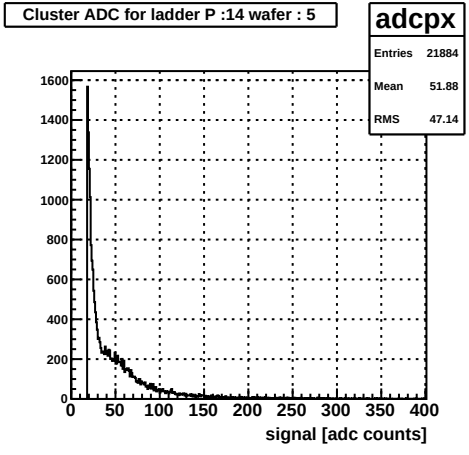

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 14399
Mean 90.28
RMS 62.21
signal [adc counts]

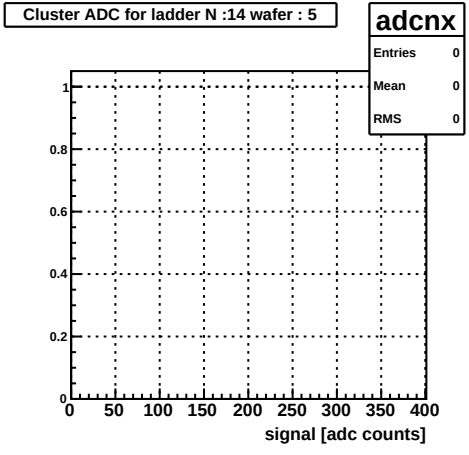

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 15607
Mean 66.87
RMS 56.5
signal [adc counts]

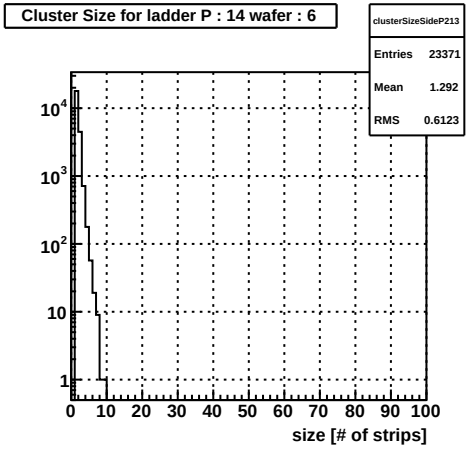

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 21884
Mean 1.365
RMS 0.7215
size [# of strips]

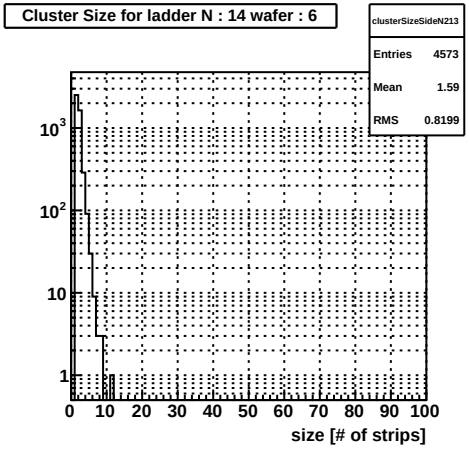

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

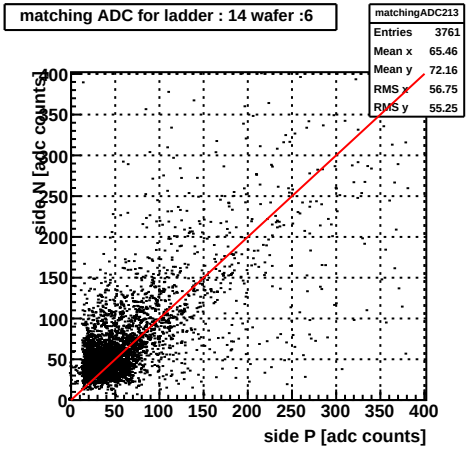

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

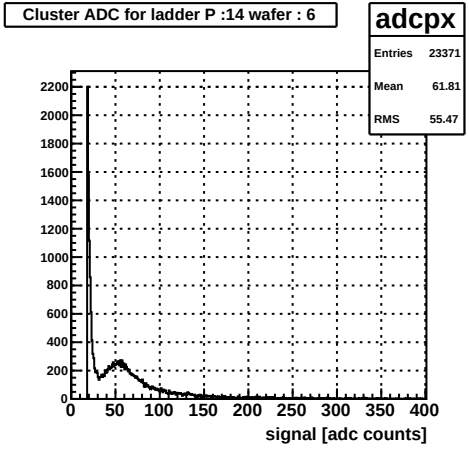

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 21884
Mean 51.88
RMS 47.14
signal [adc counts]

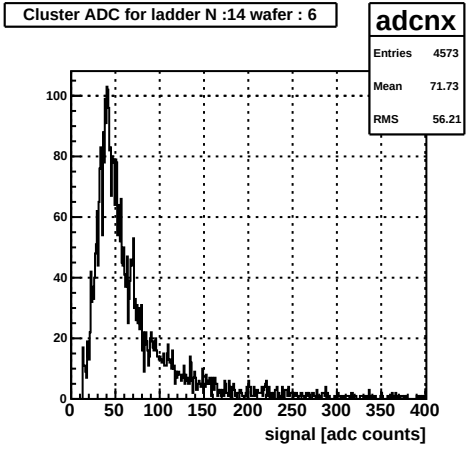

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

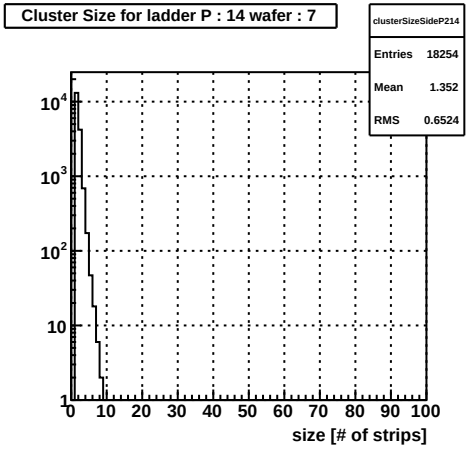

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 23371
Mean 1.292
RMS 0.6123
size [# of strips]

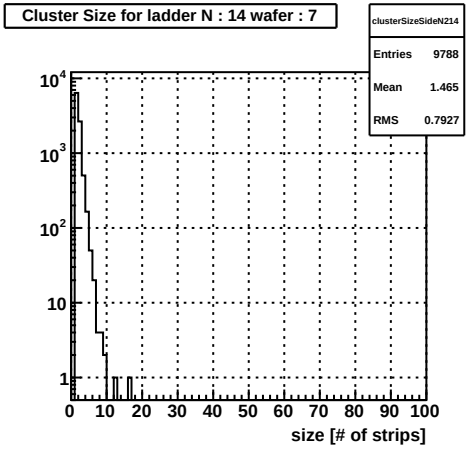

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 4573
Mean 1.59
RMS 0.8199
size [# of strips]

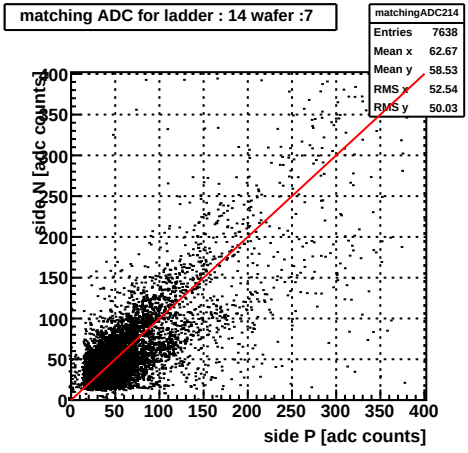

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 3761
Mean x 65.46
Mean y 72.16
RMS x 56.75
RMS y 55.25
side N [adc counts]
side P [adc counts]

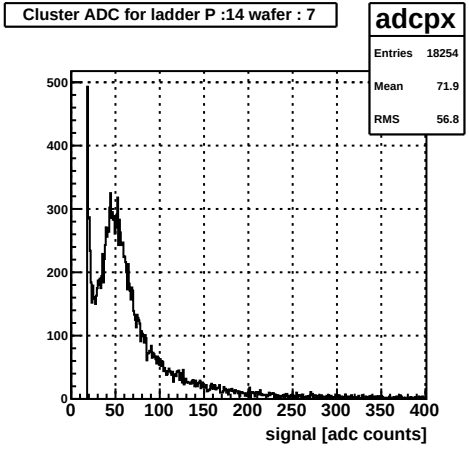

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 23371
Mean 61.81
RMS 55.47
signal [adc counts]

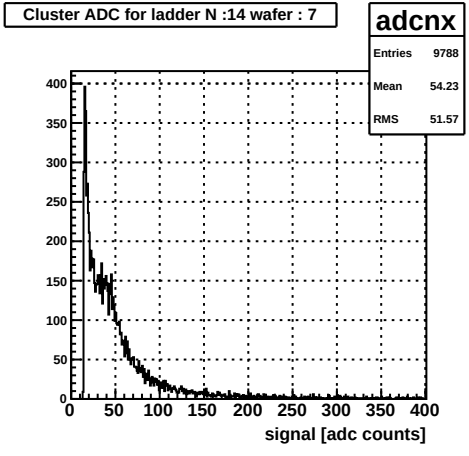

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 4573
Mean 71.73
RMS 56.21
signal [adc counts]

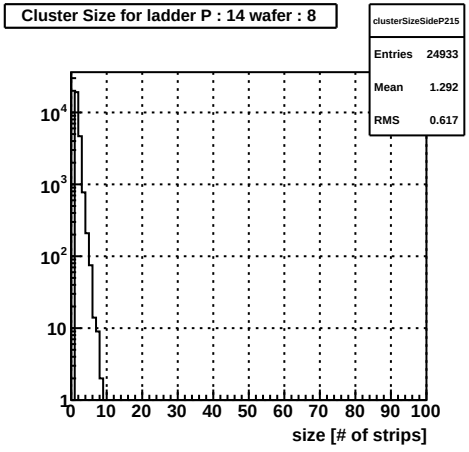

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 18254
Mean 1.352
RMS 0.6524
size [# of strips]

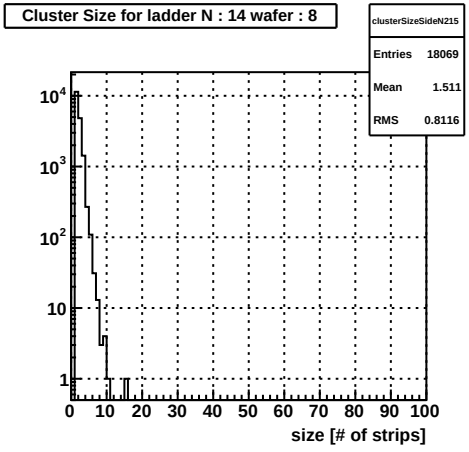

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 9788
Mean 1.465
RMS 0.7927
size [# of strips]

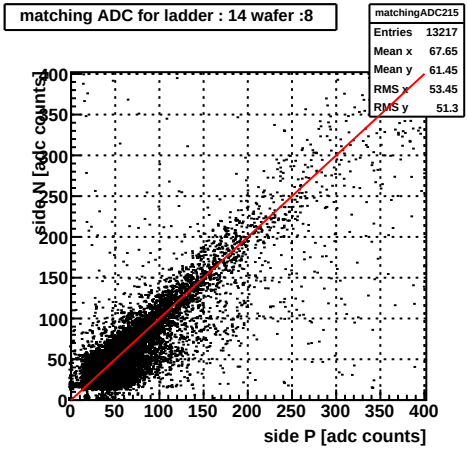

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 7638
Mean x 62.67
Mean y 58.53
RMS x 52.54
RMS y 50.03
side N [adc counts]
side P [adc counts]

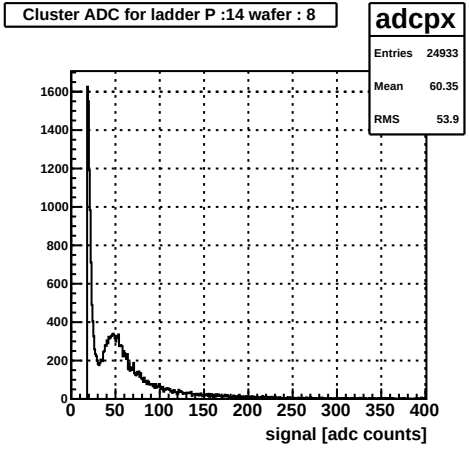

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 18254
Mean 71.9
RMS 56.8
signal [adc counts]

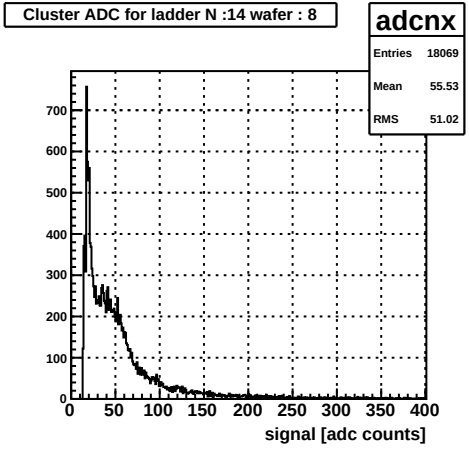

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 9788
Mean 54.23
RMS 51.57
signal [adc counts]

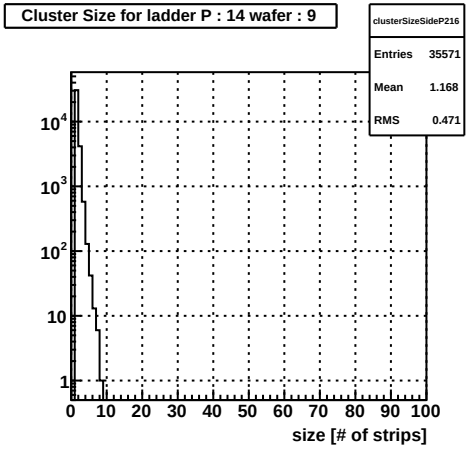

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 24933
Mean 1.292
RMS 0.617
size [# of strips]

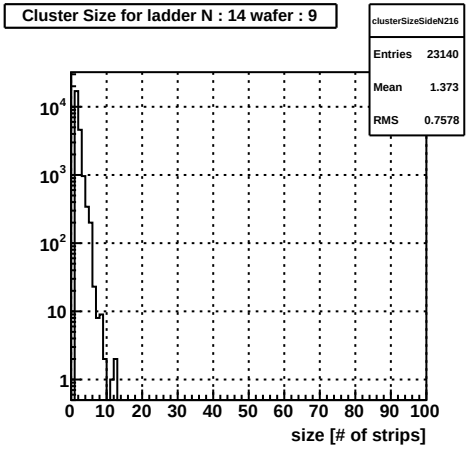

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 18069
Mean 1.511
RMS 0.8116
size [# of strips]

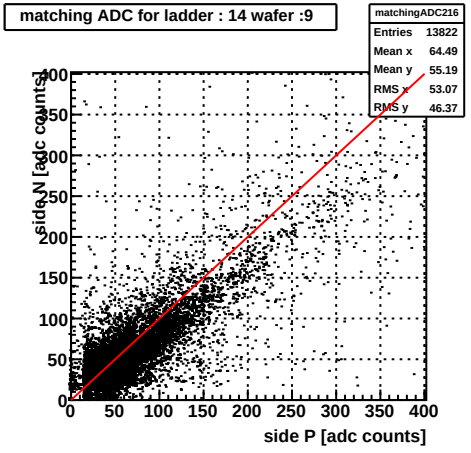

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 13217
Mean x 67.65
Mean y 61.45
RMS x 53.45
RMS y 51.3
side N [adc counts]
side P [adc counts]

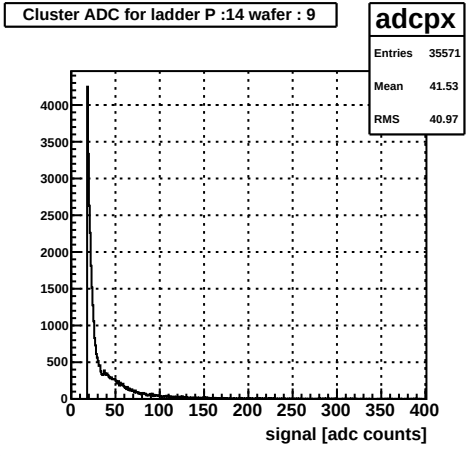

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 24933
Mean 60.35
RMS 53.9
signal [adc counts]

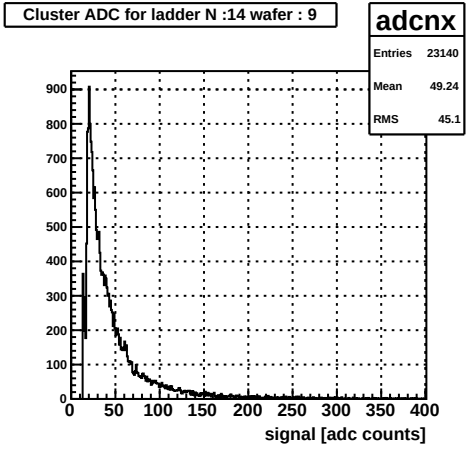

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 18069
Mean 55.53
RMS 51.02
signal [adc counts]

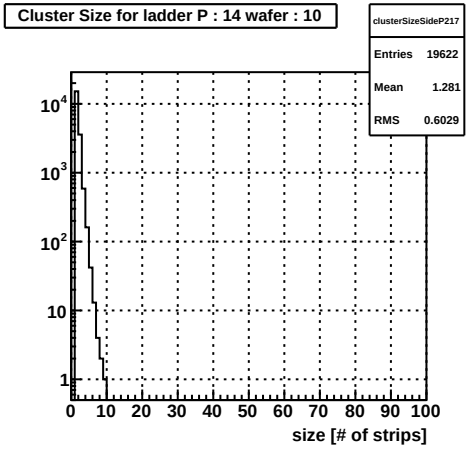

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 35571
Mean 1.168
RMS 0.471
size [# of strips]

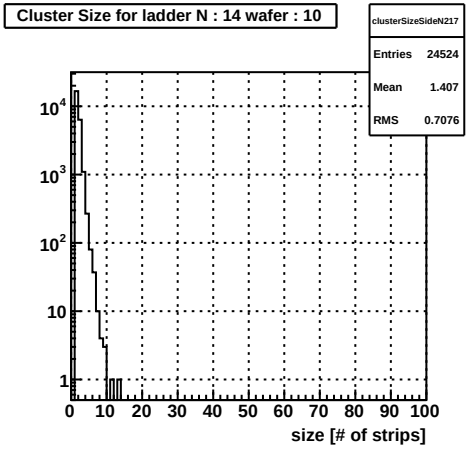

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 23140
Mean 1.373
RMS 0.7578
size [# of strips]

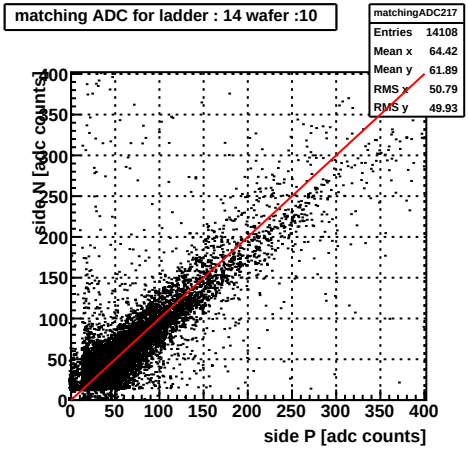

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 13822
Mean x 64.49
Mean y 55.19
RMS x 53.07
RMS y 46.37
side N [adc counts]
side P [adc counts]

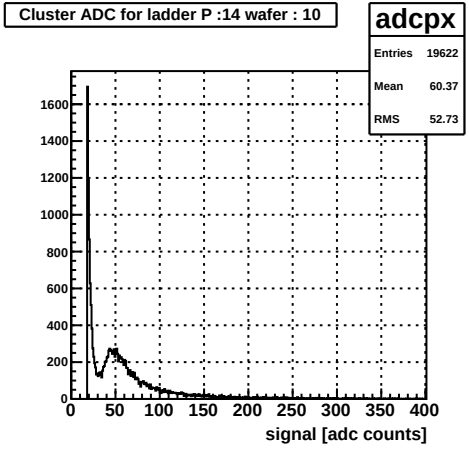

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 35571
Mean 41.53
RMS 40.97
signal [adc counts]

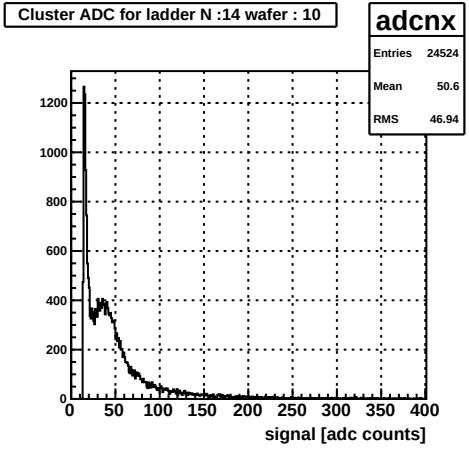

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 23140
Mean 49.24
RMS 45.1
signal [adc counts]

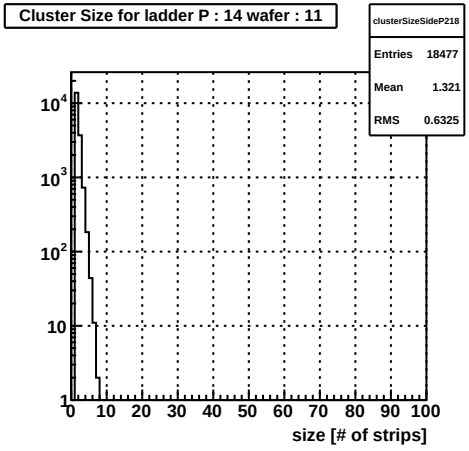

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 19622
Mean 1.281
RMS 0.6029
size [# of strips]

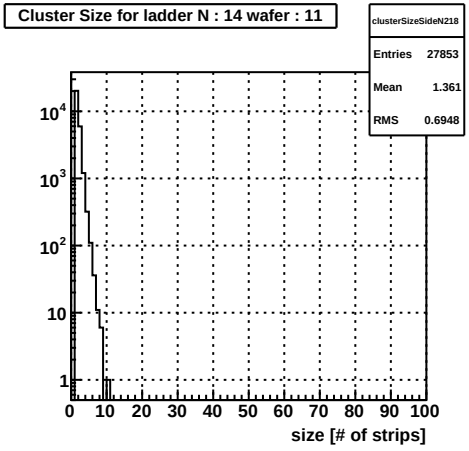

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 24524
Mean 1.407
RMS 0.7076
size [# of strips]

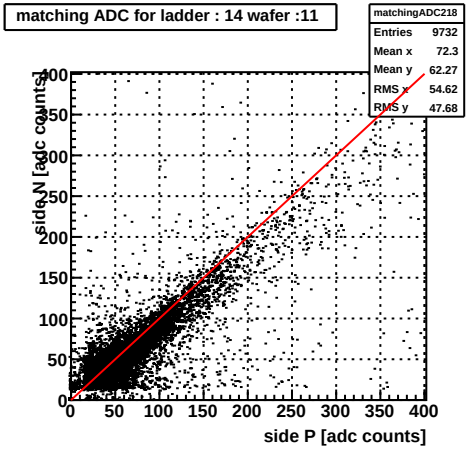

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 14108
Mean x 64.42
Mean y 61.89
RMS x 50.79
RMS y 49.93
side N [adc counts]
side P [adc counts]

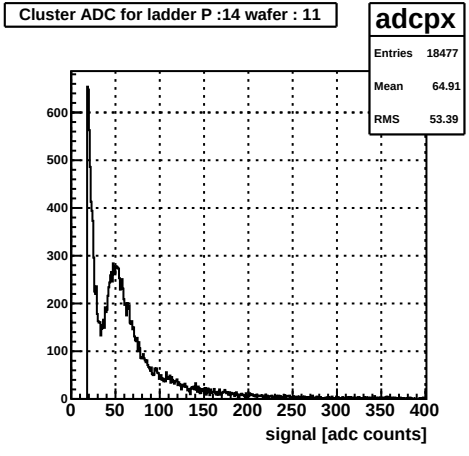

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 19622
Mean 60.37
RMS 52.73
signal [adc counts]

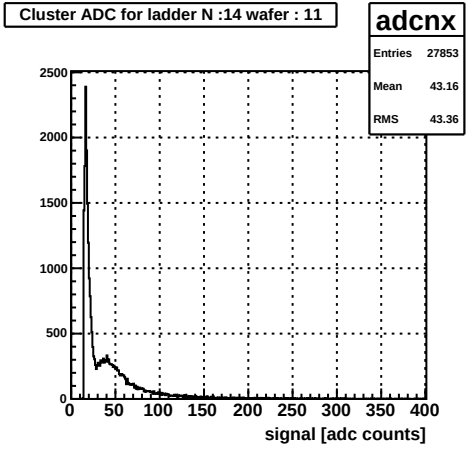

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 24524
Mean 50.6
RMS 46.94
signal [adc counts]

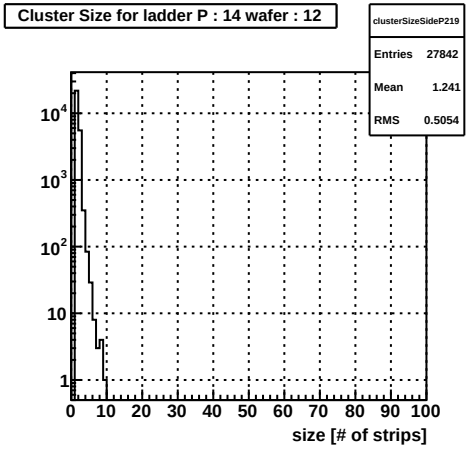

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 18477
Mean 1.321
RMS 0.6325
size [# of strips]

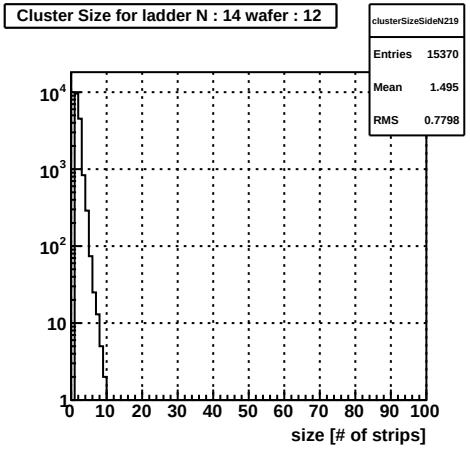

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 27853
Mean 1.361
RMS 0.6948
size [# of strips]

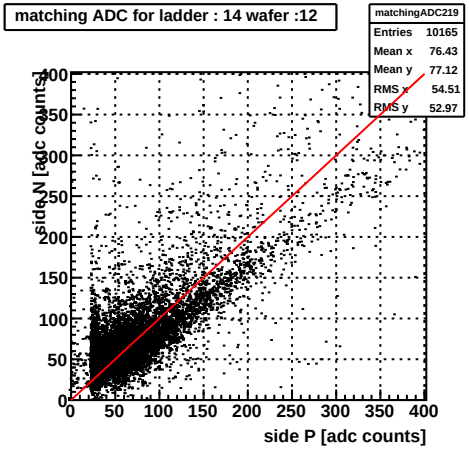

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 9732
Mean x 72.3
Mean y 62.27
RMS x 54.62
RMS y 47.68
side N [adc counts]
side P [adc counts]

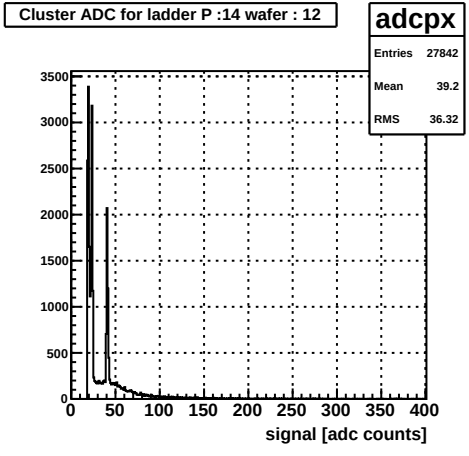

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 18477
Mean 64.91
RMS 53.39
signal [adc counts]

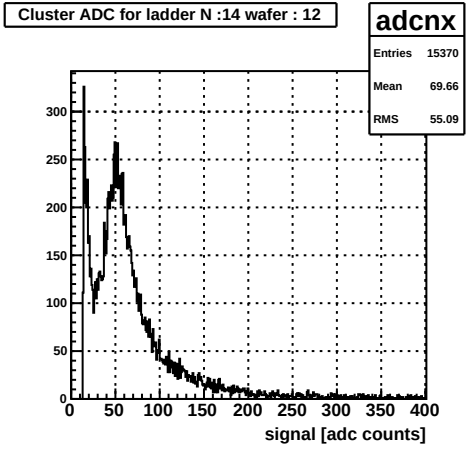

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 27853
Mean 43.16
RMS 43.36
signal [adc counts]

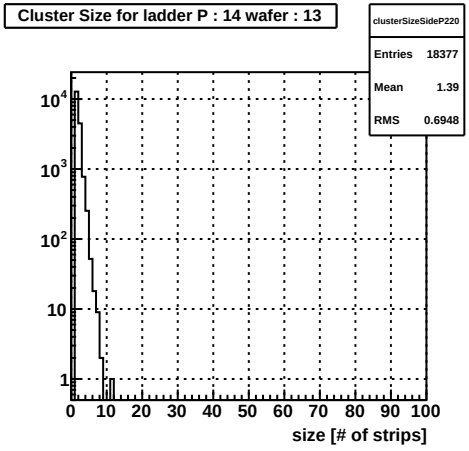

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 27842
Mean 1.241
RMS 0.5054
size [# of strips]

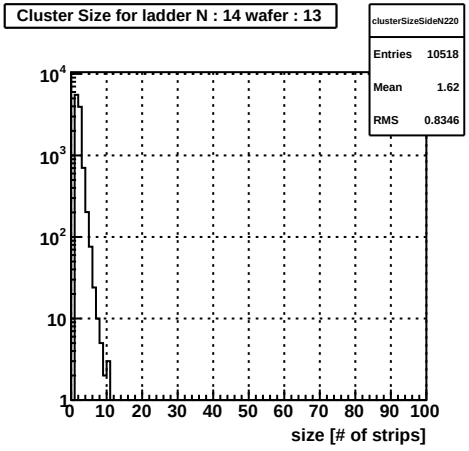

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 15370
Mean 1.495
RMS 0.7798
size [# of strips]

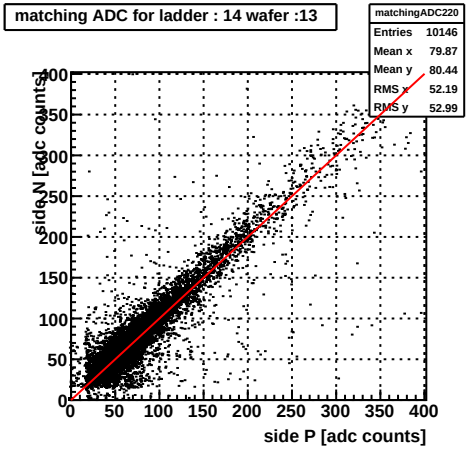

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 10165
Mean x 76.43
Mean y 77.12
RMS x 54.51
RMS y 52.97
side N [adc counts]
side P [adc counts]

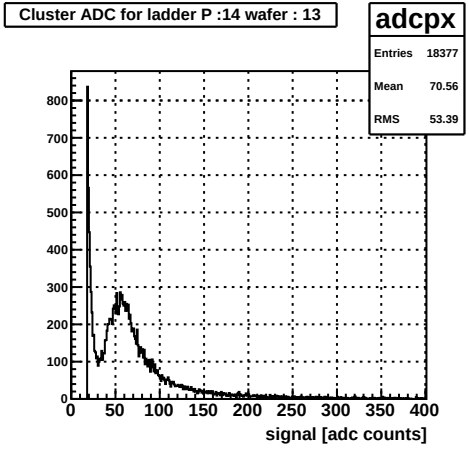

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 27842
Mean 39.2
RMS 36.32
signal [adc counts]

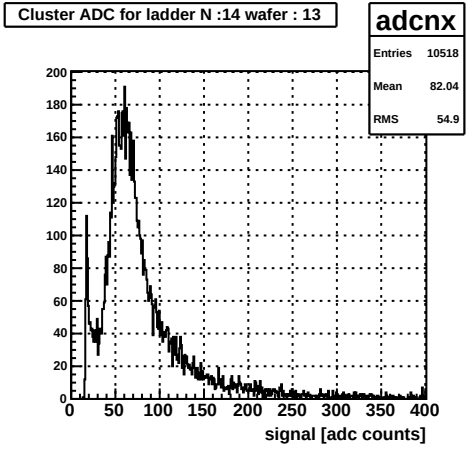

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 15370
Mean 69.66
RMS 55.09
signal [adc counts]

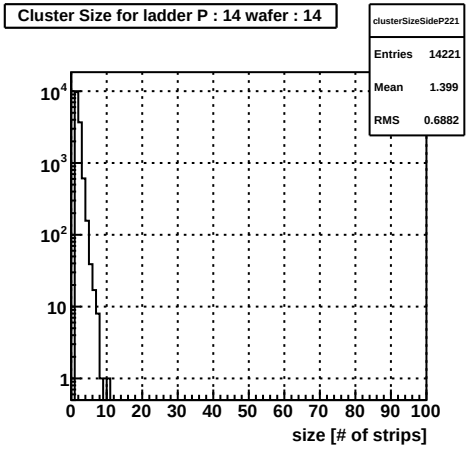

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 18377
Mean 1.39
RMS 0.6948
size [# of strips]

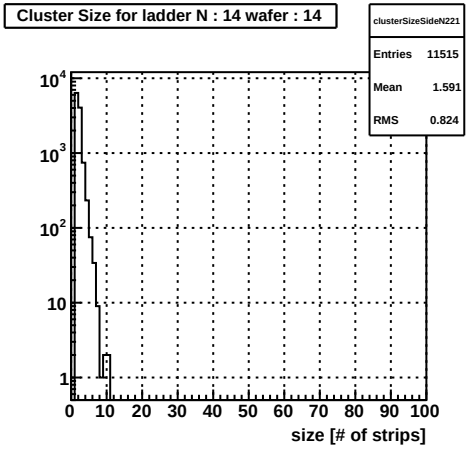

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 10518
Mean 1.62
RMS 0.8346
size [# of strips]

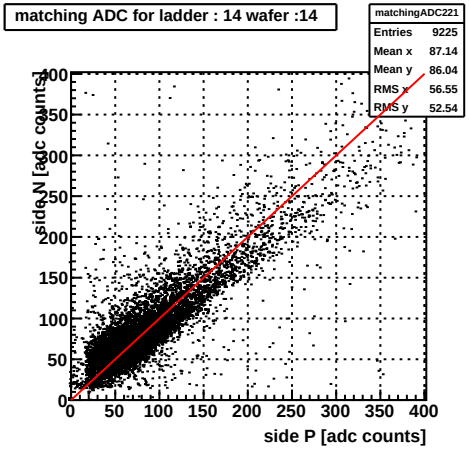

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 10146
Mean x 79.87
Mean y 80.44
RMS x 52.19
RMS y 52.99
side N [adc counts]
side P [adc counts]

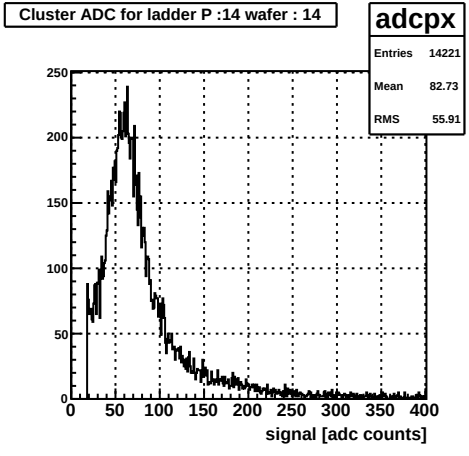

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 18377
Mean 70.56
RMS 53.39
signal [adc counts]

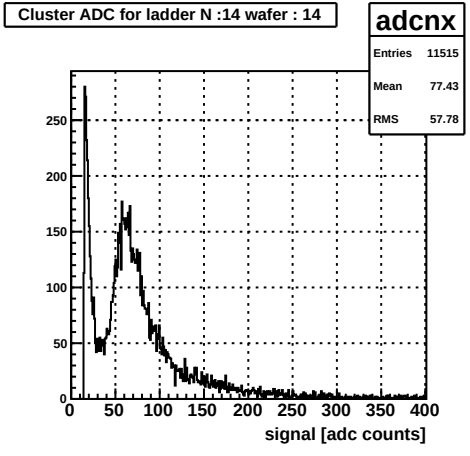

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 10518
Mean 82.04
RMS 54.9
signal [adc counts]

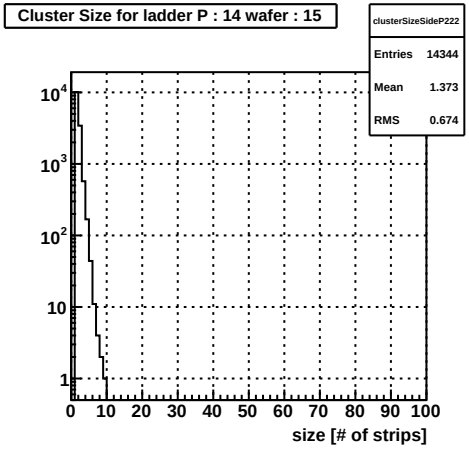

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 14221
Mean 1.399
RMS 0.6882
size [# of strips]

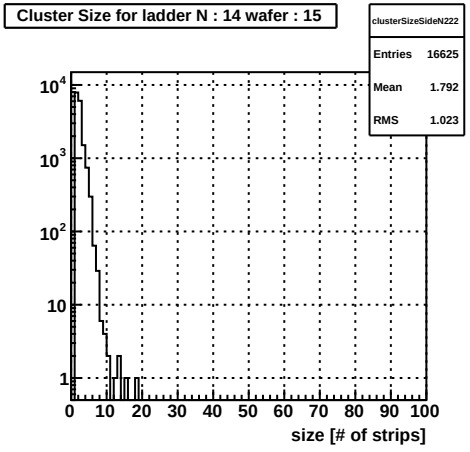

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 11515
Mean 1.591
RMS 0.824
size [# of strips]

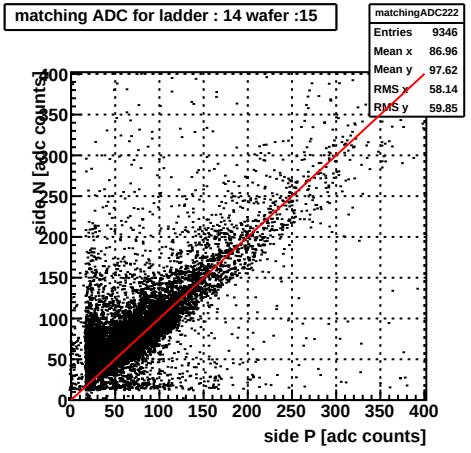

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 9225
Mean x 87.14
Mean y 86.04
RMS x 56.55
RMS y 52.54
side N [adc counts]
side P [adc counts]

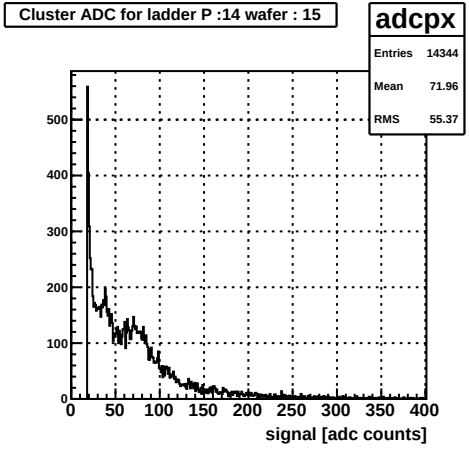

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 14221
Mean 82.73
RMS 55.91
signal [adc counts]

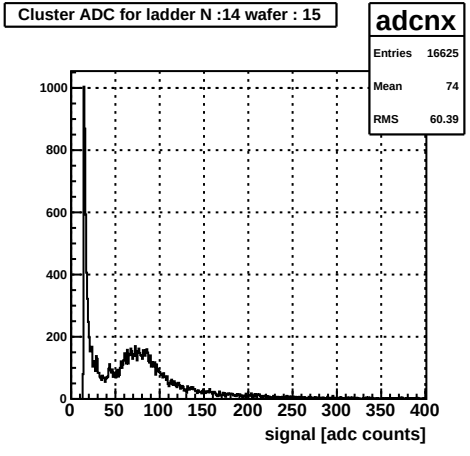

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 11515
Mean 77.43
RMS 57.78
signal [adc counts]

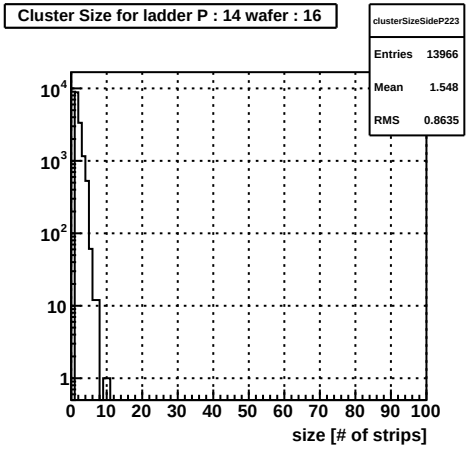

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 14344
Mean 1.373
RMS 0.674
size [# of strips]

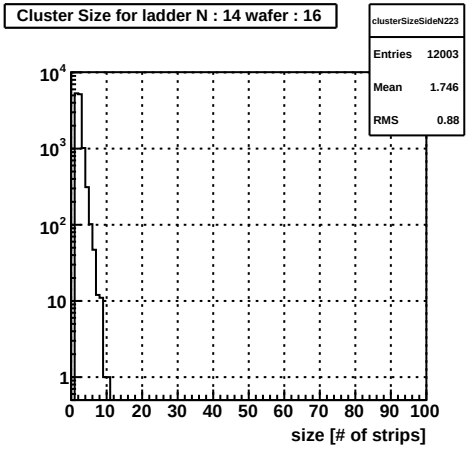

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 16625
Mean 1.792
RMS 1.023
size [# of strips]

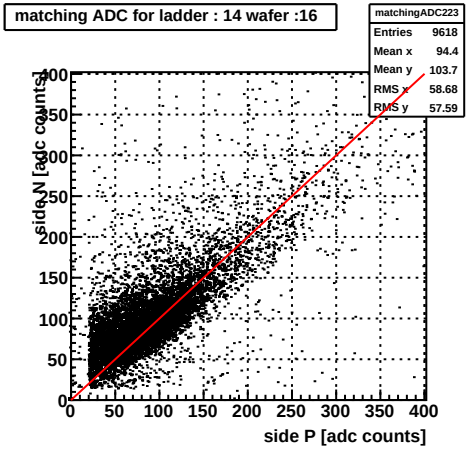

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 9346
Mean x 86.96
Mean y 97.62
RMS x 58.14
RMS y 59.85
side N [adc counts]
side P [adc counts]

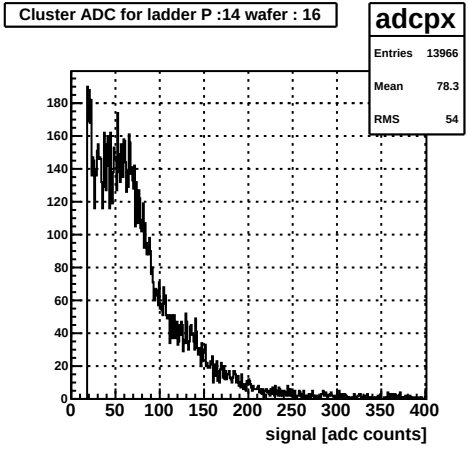

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 14344
Mean 71.96
RMS 55.37
signal [adc counts]

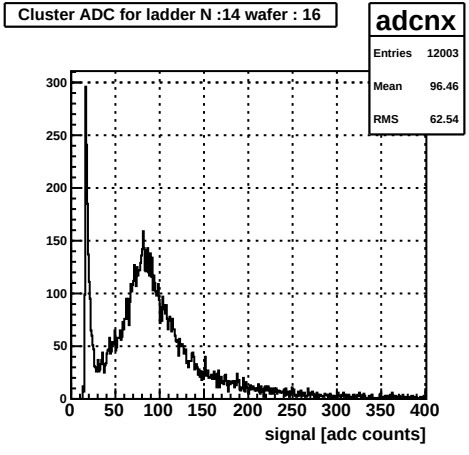

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 16625
Mean 74
RMS 60.39
signal [adc counts]

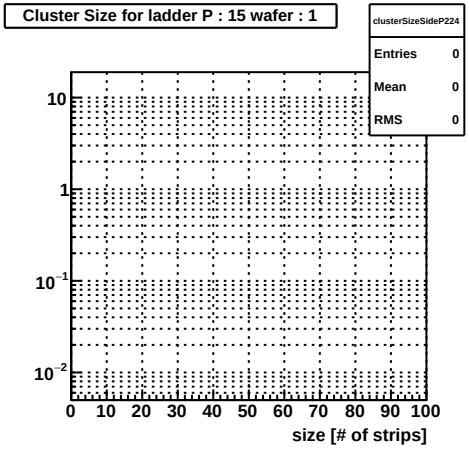

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 13966
Mean 1.548
RMS 0.8635
size [# of strips]

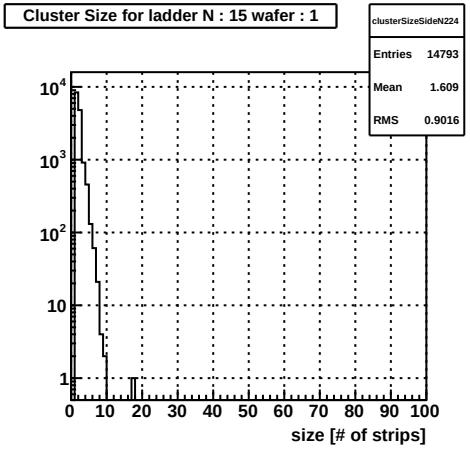

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 12003
Mean 1.746
RMS 0.88
size [# of strips]

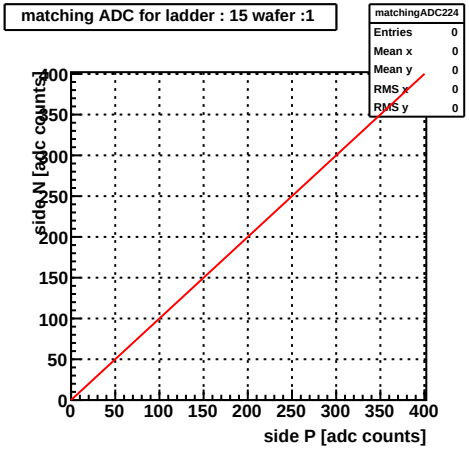

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 9618
Mean x 94.4
Mean y 103.7
RMS x 58.68
RMS y 57.59
side N [adc counts]
side P [adc counts]

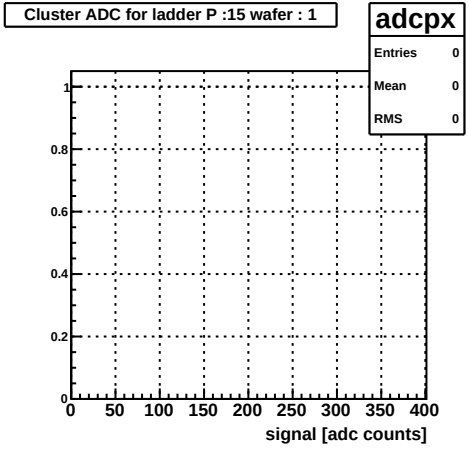

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 13966
Mean 78.3
RMS 54
signal [adc counts]

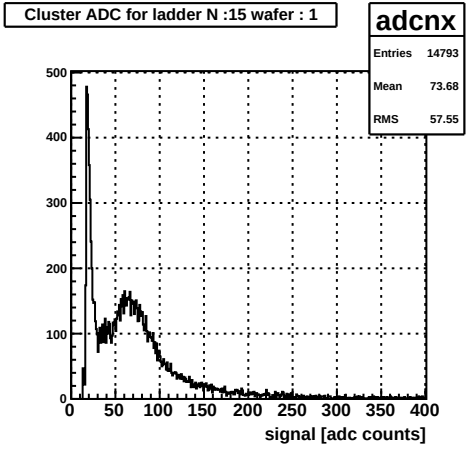

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 12003
Mean 96.46
RMS 62.54
signal [adc counts]

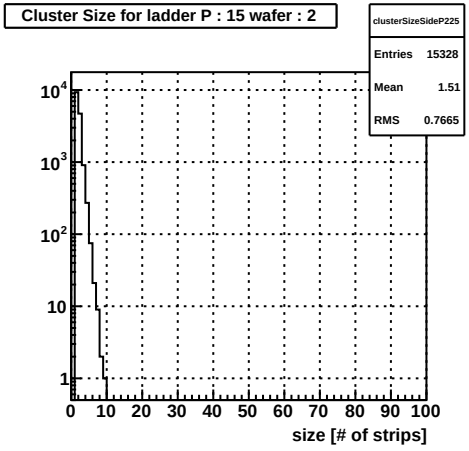

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

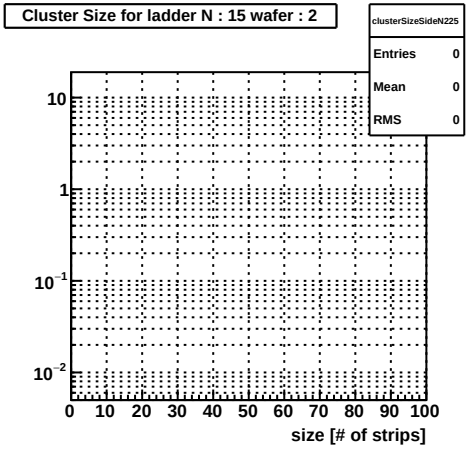

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 14793
Mean 1.609
RMS 0.9016
size [# of strips]

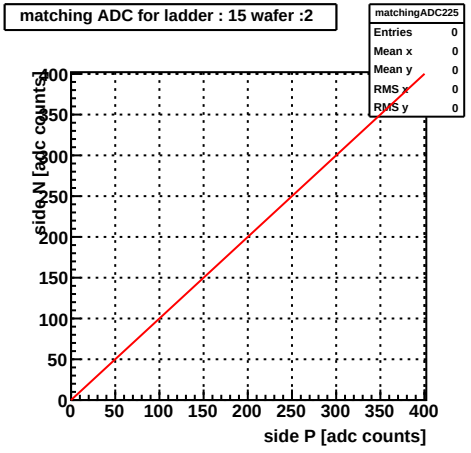

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

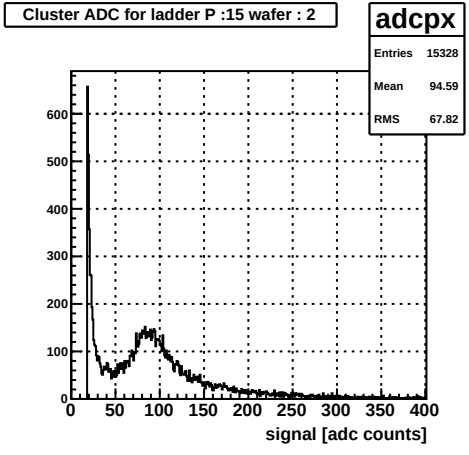

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

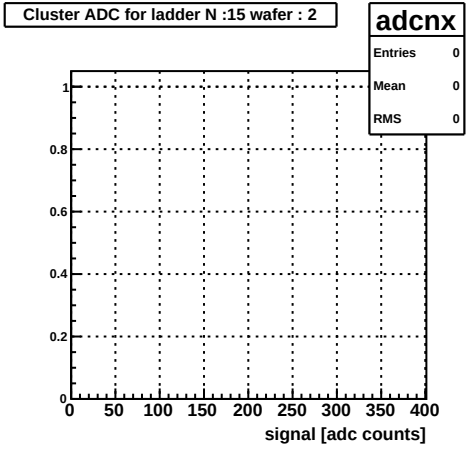

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 14793
Mean 73.68
RMS 57.55
signal [adc counts]

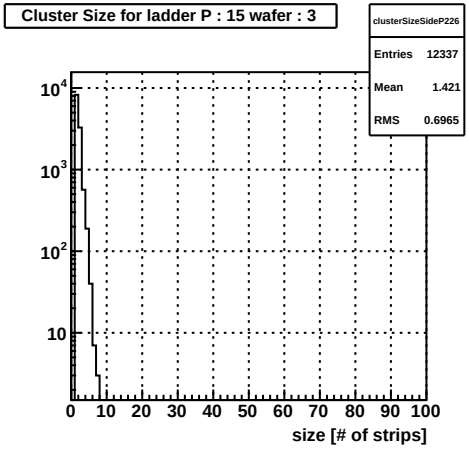

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 15328
Mean 1.51
RMS 0.7665
size [# of strips]

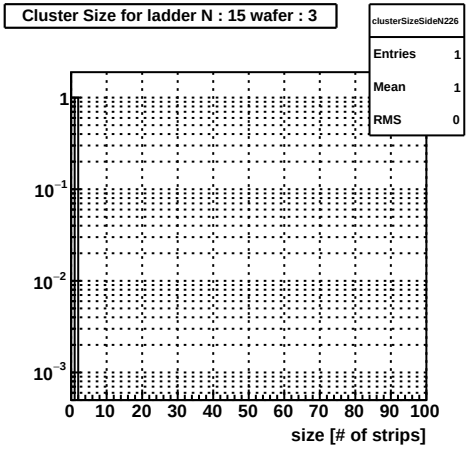

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

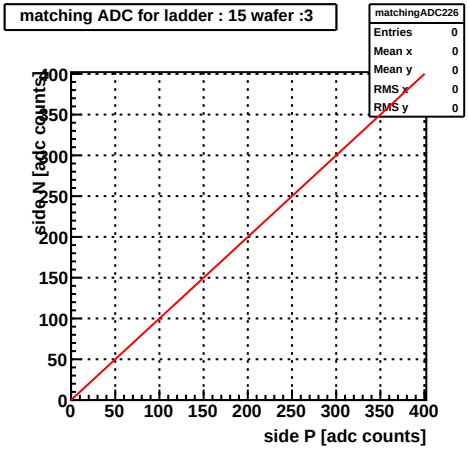

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

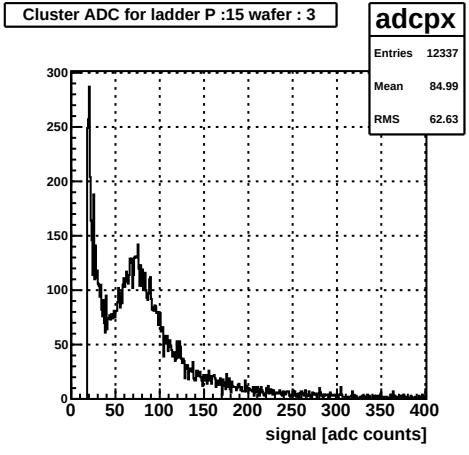

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 15328
Mean 94.59
RMS 67.82
signal [adc counts]

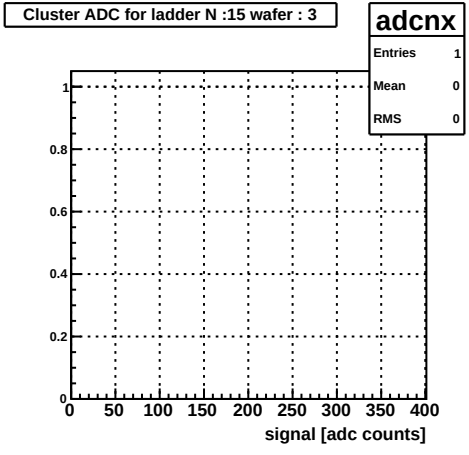

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

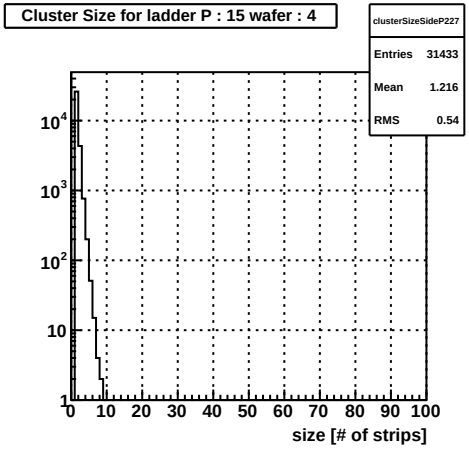

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 12337
Mean 1.421
RMS 0.6965
size [# of strips]

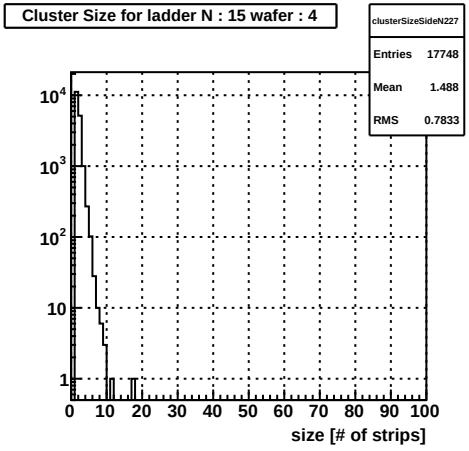

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 1
Mean 1
RMS 0
size [# of strips]

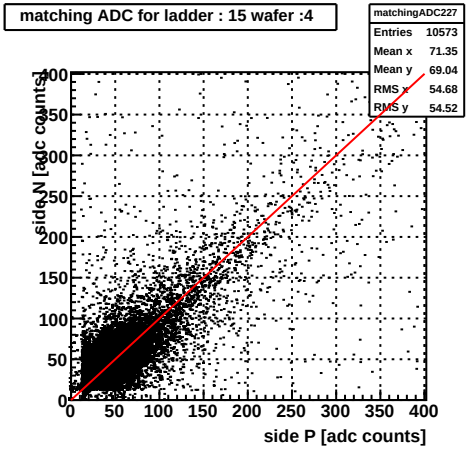

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

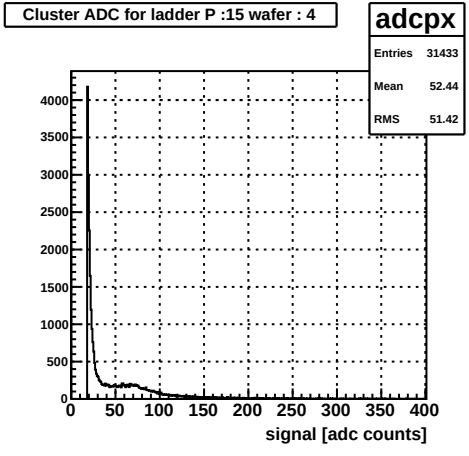

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 12337
Mean 84.99
RMS 62.63
signal [adc counts]

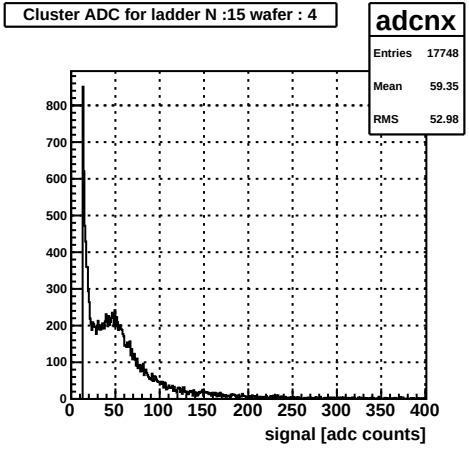

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

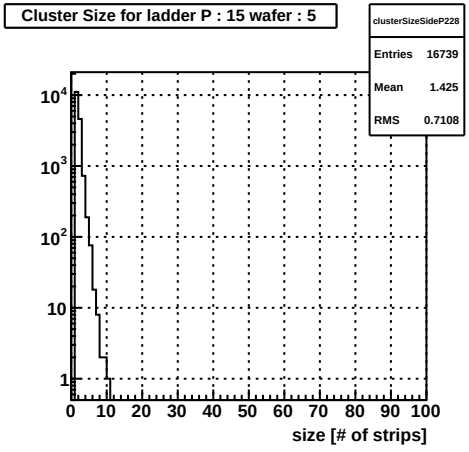

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 31433
Mean 1.216
RMS 0.54
size [# of strips]

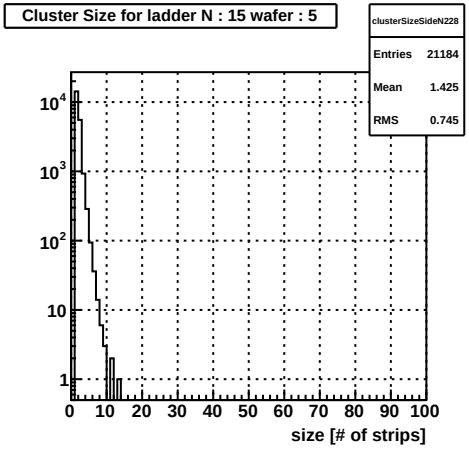

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 17748
Mean 1.488
RMS 0.7833
size [# of strips]

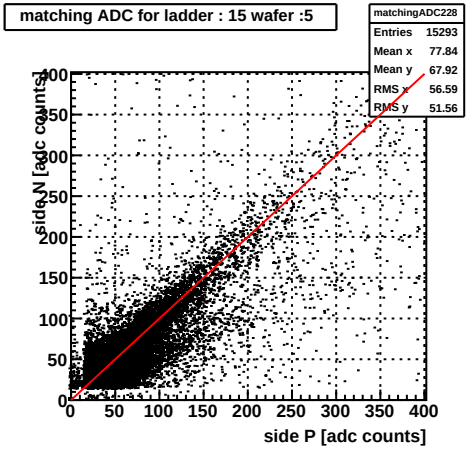

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 10573
Mean x 71.35
Mean y 69.04
RMS x 54.68
RMS y 54.52
side N [adc counts]
side P [adc counts]

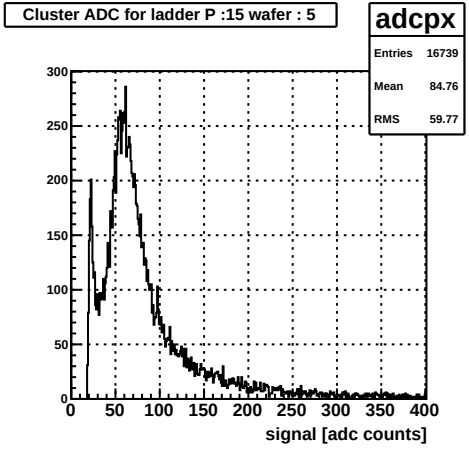

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 31433
Mean 52.44
RMS 51.42
signal [adc counts]

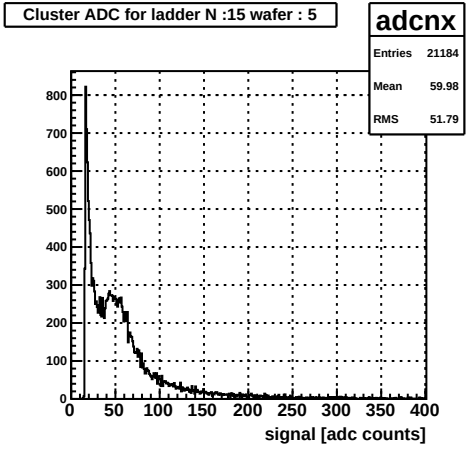

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 17748
Mean 59.35
RMS 52.98
signal [adc counts]

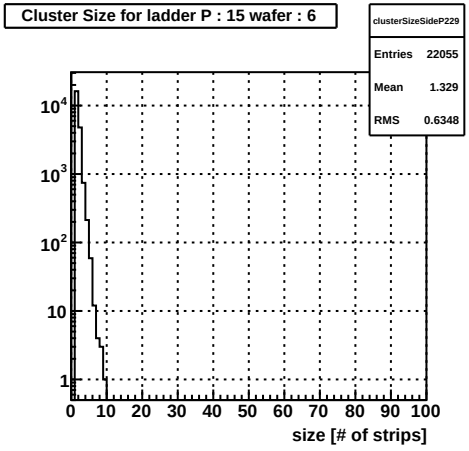

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 16739
Mean 1.425
RMS 0.7108
size [# of strips]

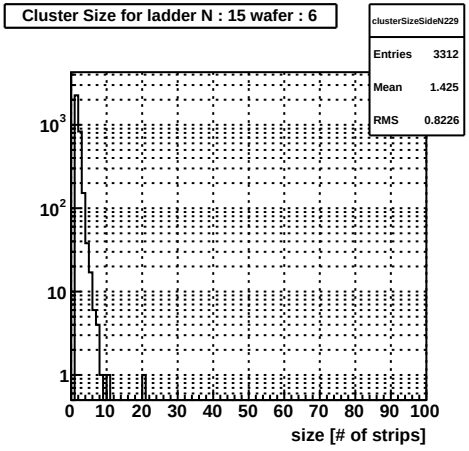

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 21184
Mean 1.425
RMS 0.745
size [# of strips]

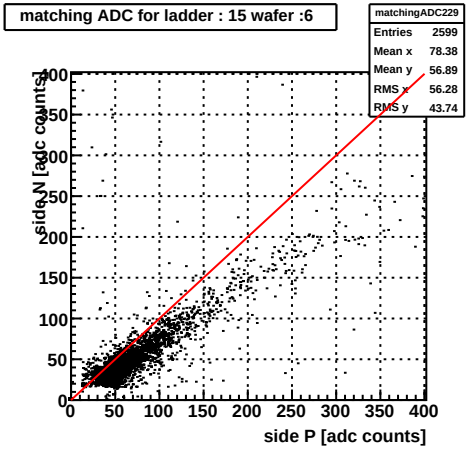

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 15293
Mean x 77.84
Mean y 67.92
RMS x 56.59
RMS y 51.56
side N [adc counts]
side P [adc counts]

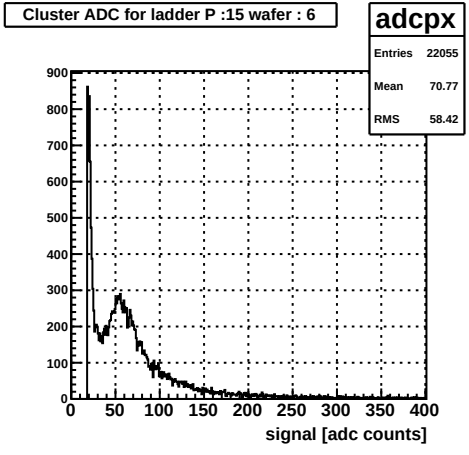

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 16739
Mean 84.76
RMS 59.77
signal [adc counts]

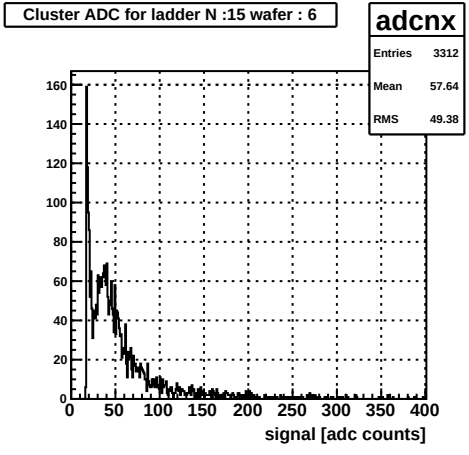

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 21184
Mean 59.98
RMS 51.79
signal [adc counts]

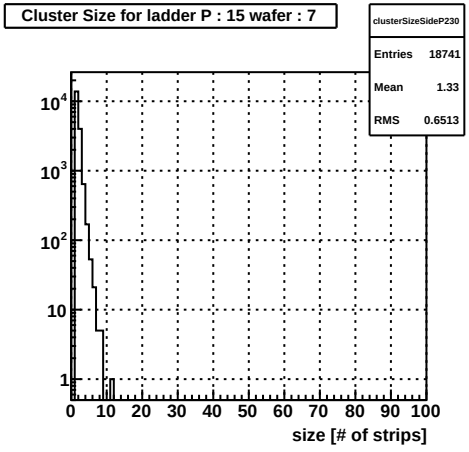

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 22055
Mean 1.329
RMS 0.6348
size [# of strips]

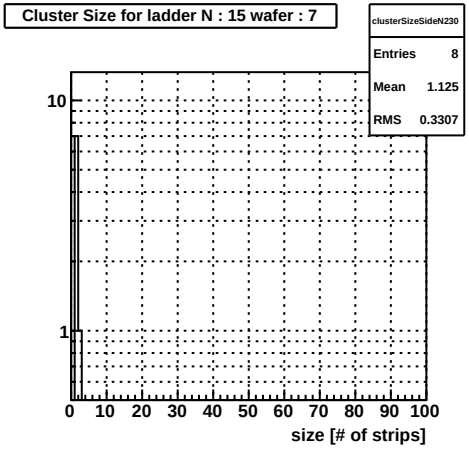

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 3312
Mean 1.425
RMS 0.8226
size [# of strips]

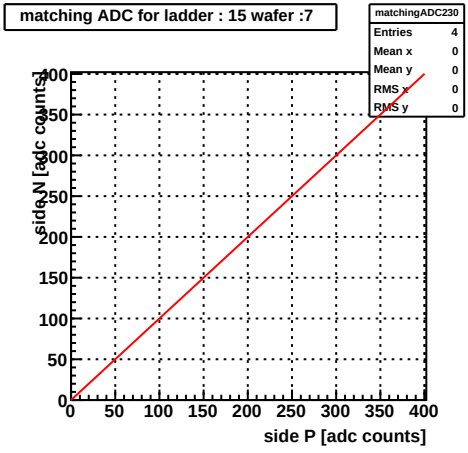

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 2599
Mean x 78.38
Mean y 56.89
RMS x 56.28
RMS y 43.74
side N [adc counts]
side P [adc counts]

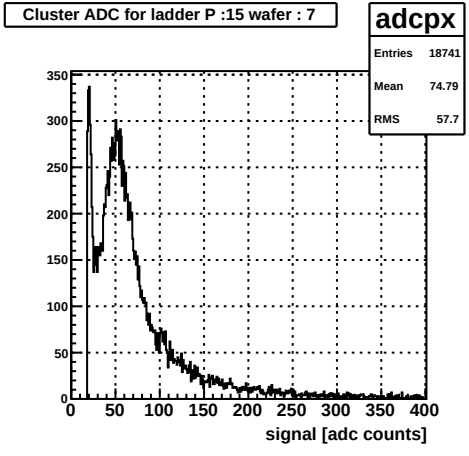

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 22055
Mean 70.77
RMS 58.42
signal [adc counts]

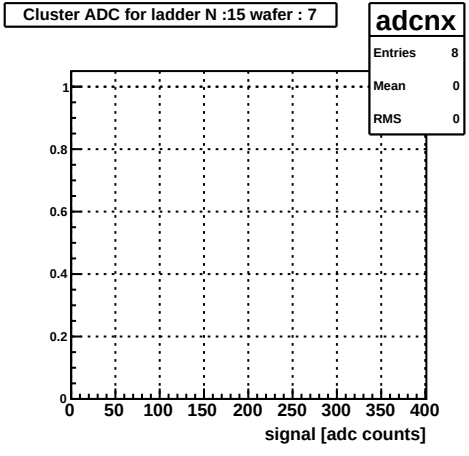

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 3312
Mean 57.64
RMS 49.38
signal [adc counts]

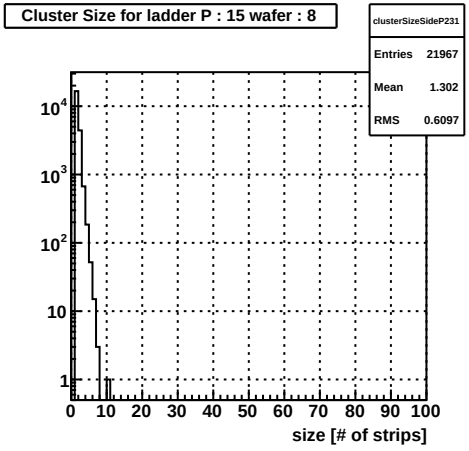

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 18741
Mean 1.33
RMS 0.6513
size [# of strips]

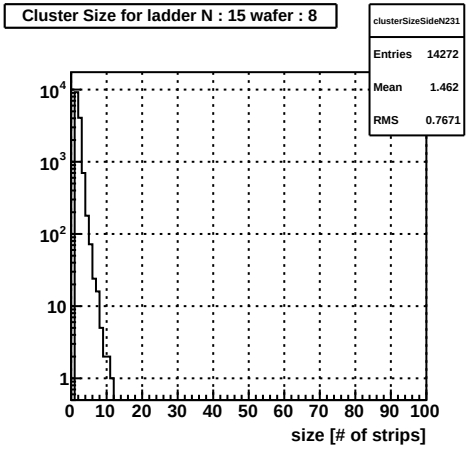

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

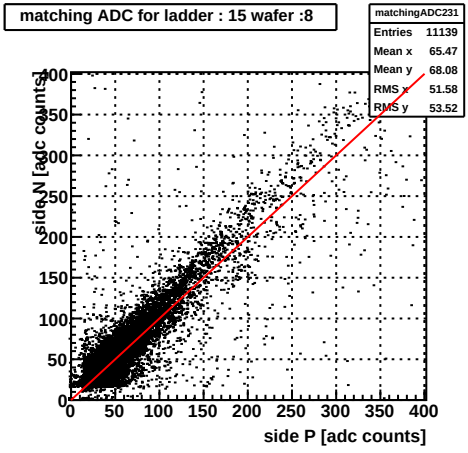

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

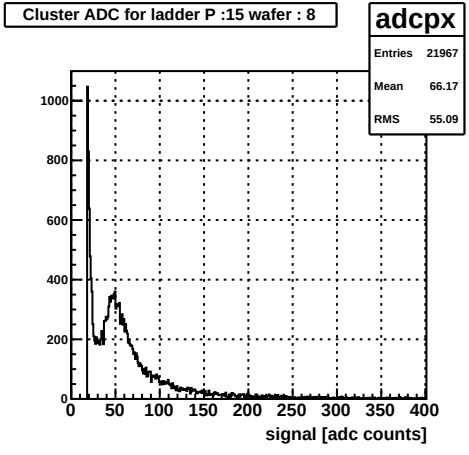

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 18741
Mean 74.79
RMS 57.7
signal [adc counts]

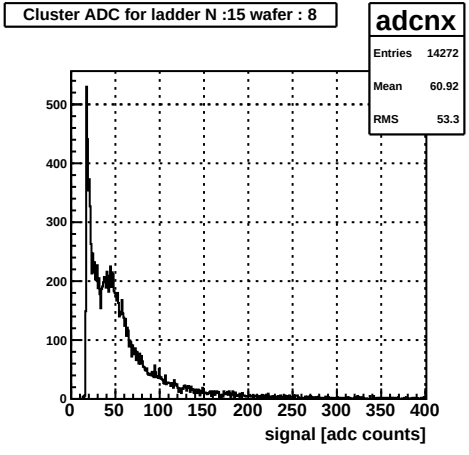

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 8
Mean 0
RMS 0
signal [adc counts]

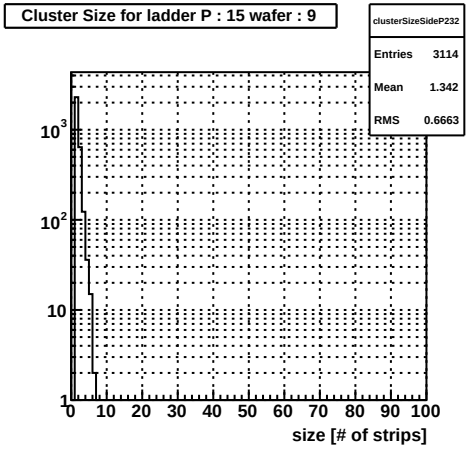

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 21967
Mean 1.302
RMS 0.6097
size [# of strips]

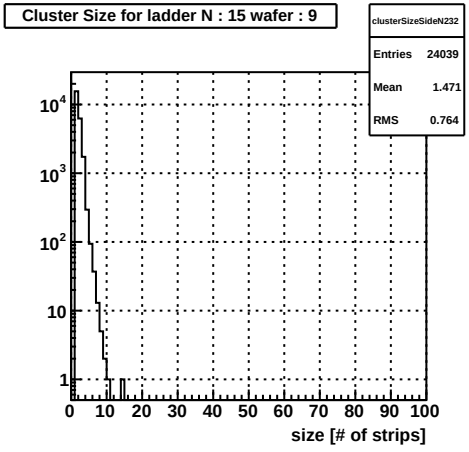

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 14272
Mean 1.462
RMS 0.7671
size [# of strips]

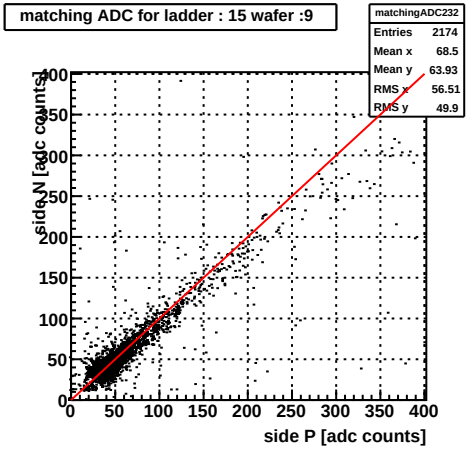

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 11139
Mean x 65.47
Mean y 68.08
RMS x 51.58
RMS y 53.52
side N [adc counts]
side P [adc counts]

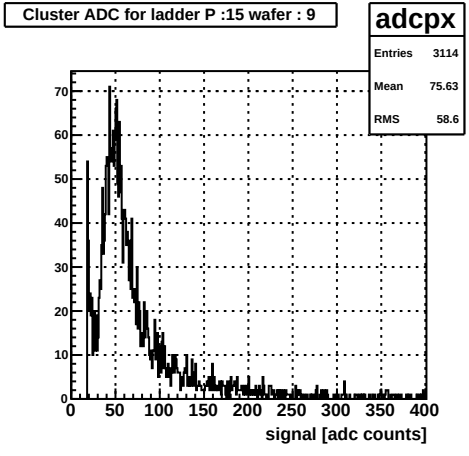

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 21967
Mean 66.17
RMS 55.09
signal [adc counts]

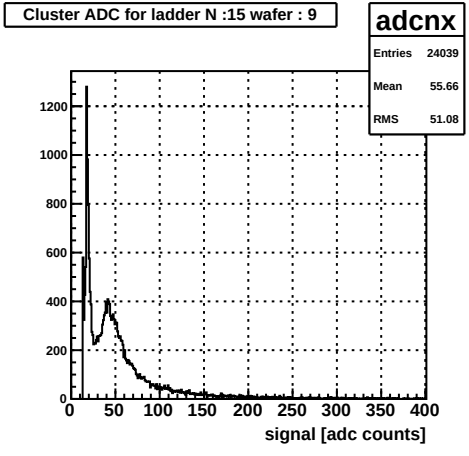

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 14272
Mean 60.92
RMS 53.3
signal [adc counts]

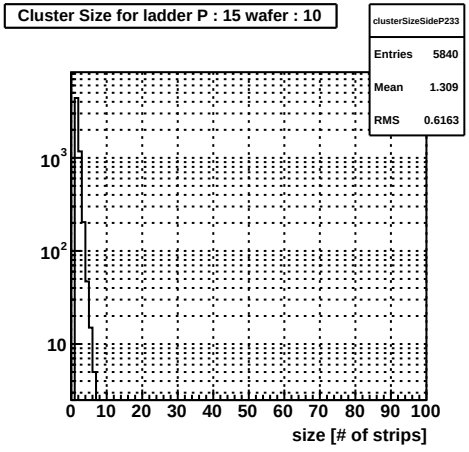

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 3114
Mean 1.342
RMS 0.6663
size [# of strips]

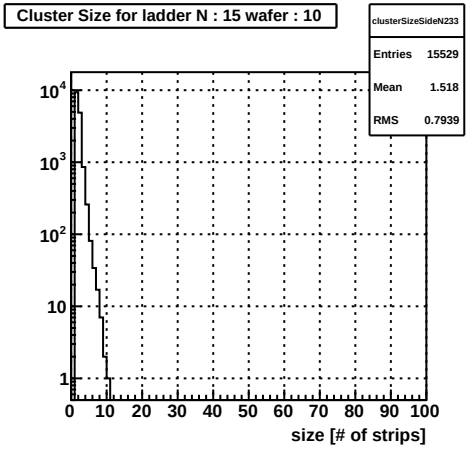

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 24039
Mean 1.471
RMS 0.764
size [# of strips]

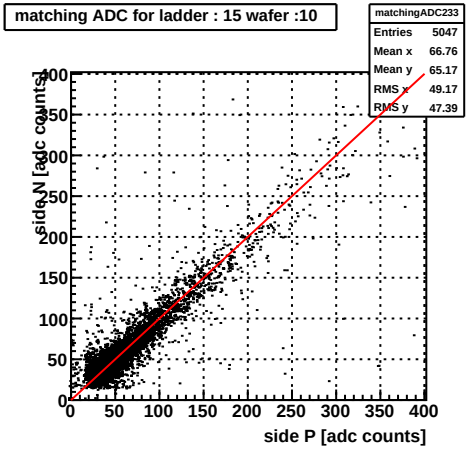

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 2174
Mean x 68.5
Mean y 63.93
RMS x 56.51
RMS y 49.9
side N [adc counts]
side P [adc counts]

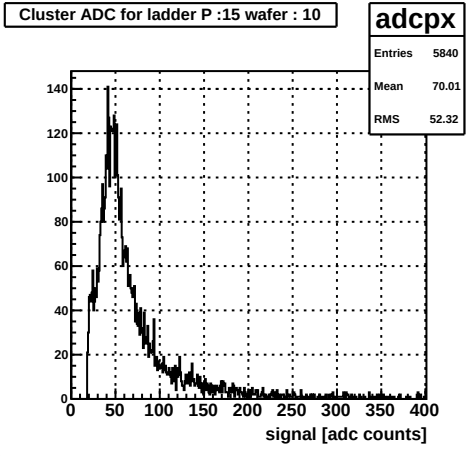

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 3114
Mean 75.63
RMS 58.6
signal [adc counts]

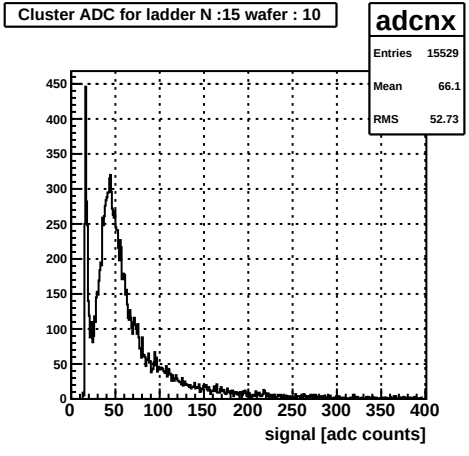

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 24039
Mean 55.66
RMS 51.08
signal [adc counts]

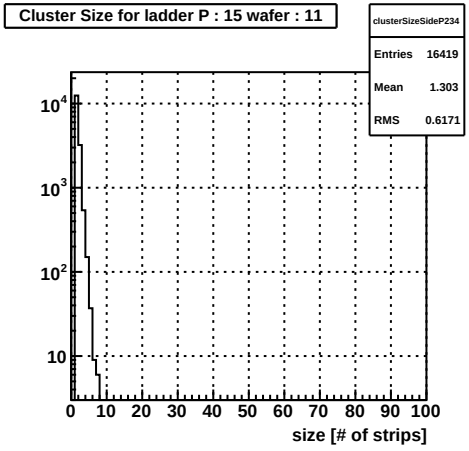

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 5840
Mean 1.309
RMS 0.6163
size [# of strips]

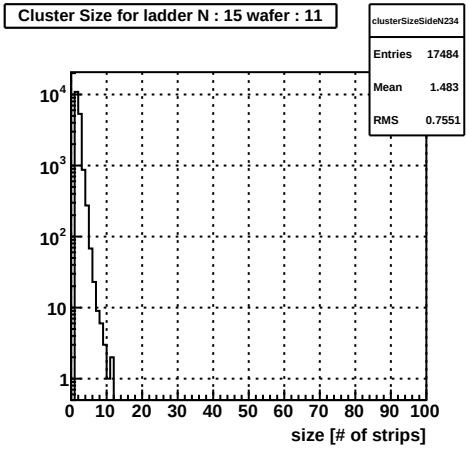

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 15529
Mean 1.518
RMS 0.7939
size [# of strips]

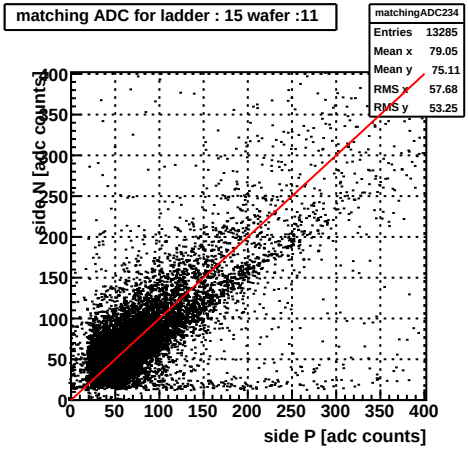

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 5047
Mean x 66.76
Mean y 65.17
RMS x 49.17
RMS y 47.39
side N [adc counts]
side P [adc counts]

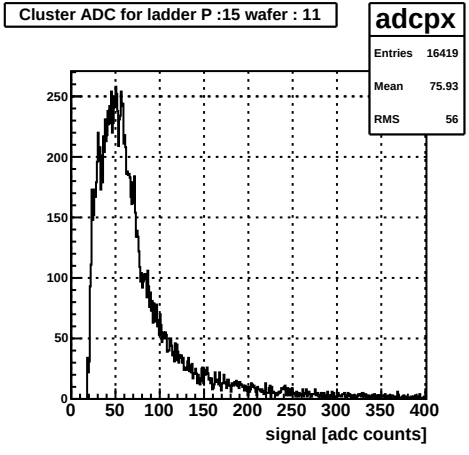

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 5840
Mean 70.01
RMS 52.32
signal [adc counts]

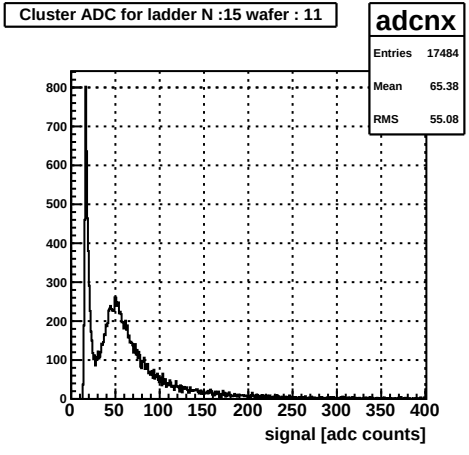

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 15529
Mean 66.1
RMS 52.73
signal [adc counts]

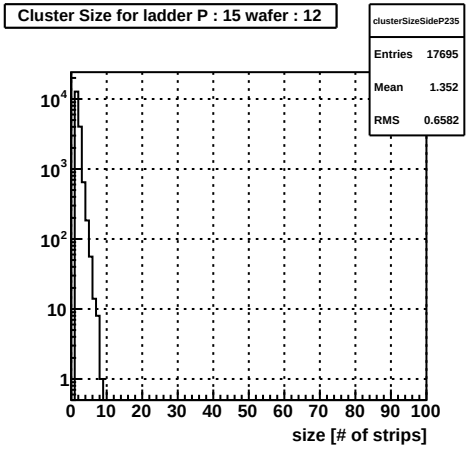

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 16419
Mean 1.303
RMS 0.6171
size [# of strips]

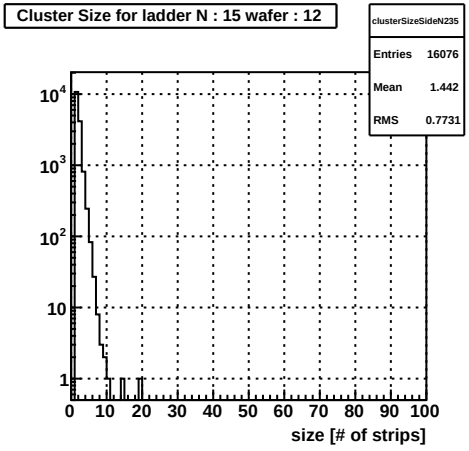

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 17484
Mean 1.483
RMS 0.7551
size [# of strips]

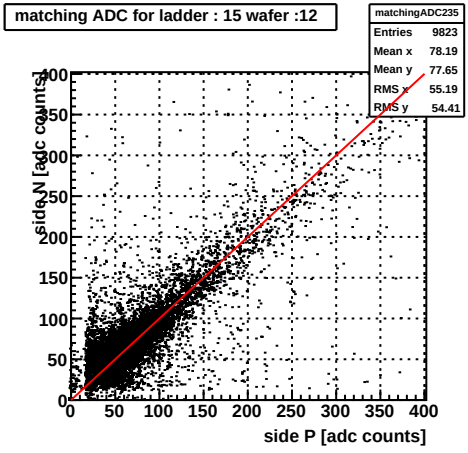

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 13285
Mean x 79.05
Mean y 75.11
RMS x 57.68
RMS y 53.25
side N [adc counts]
side P [adc counts]

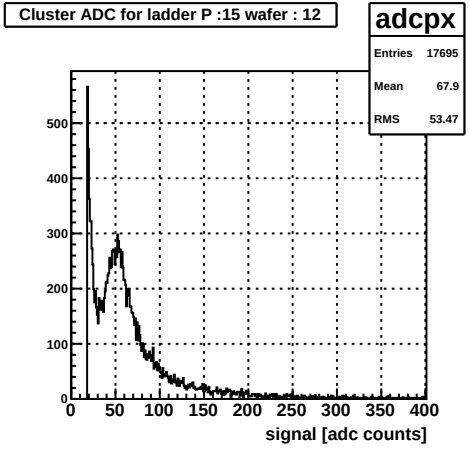

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 16419
Mean 75.93
RMS 56
signal [adc counts]

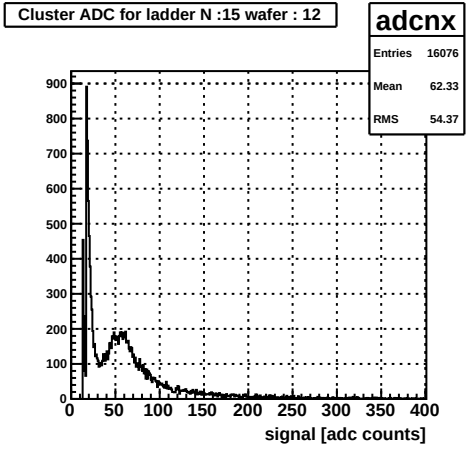

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 17484
Mean 65.38
RMS 55.08
signal [adc counts]

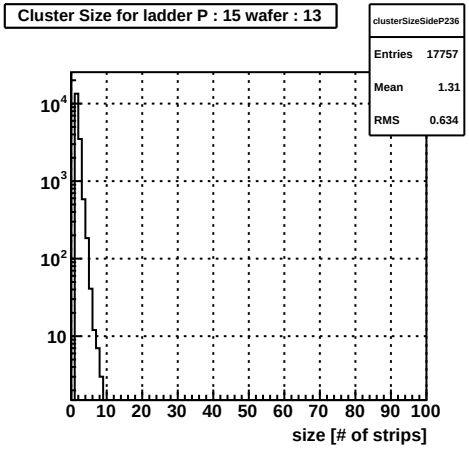

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 17695
Mean 1.352
RMS 0.6582
size [# of strips]

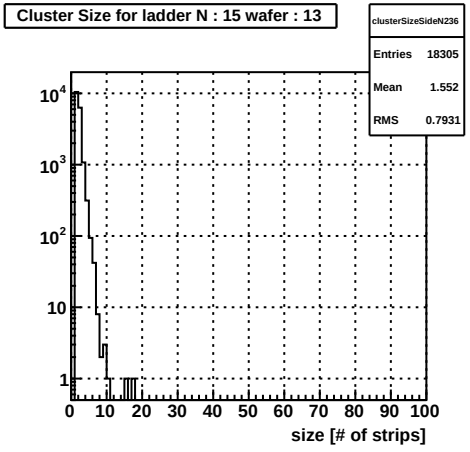

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 16076
Mean 1.442
RMS 0.7731
size [# of strips]

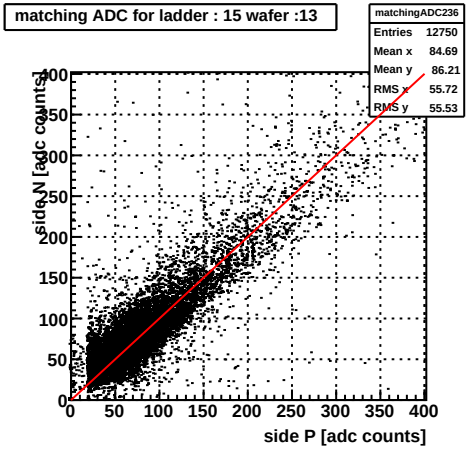

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 9823
Mean x 78.19
Mean y 77.65
RMS x 55.19
RMS y 54.41
side N [adc counts]
side P [adc counts]

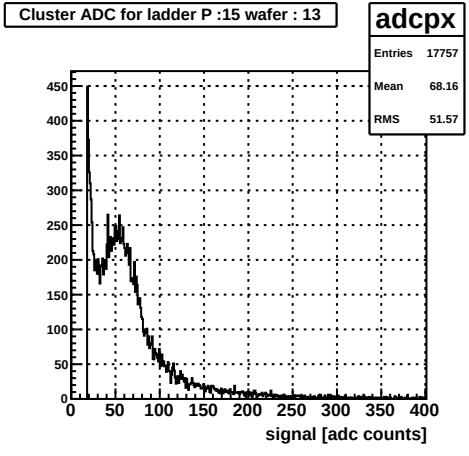

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 17695
Mean 67.9
RMS 53.47
signal [adc counts]

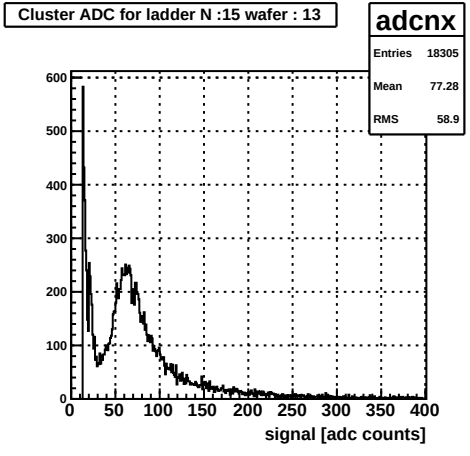

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 16076
Mean 62.33
RMS 54.37
signal [adc counts]

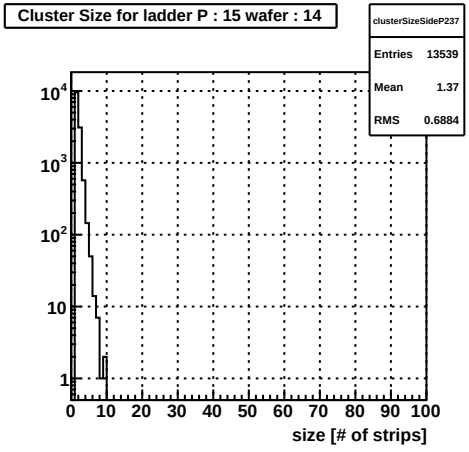

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 17757
Mean 1.31
RMS 0.634
size [# of strips]

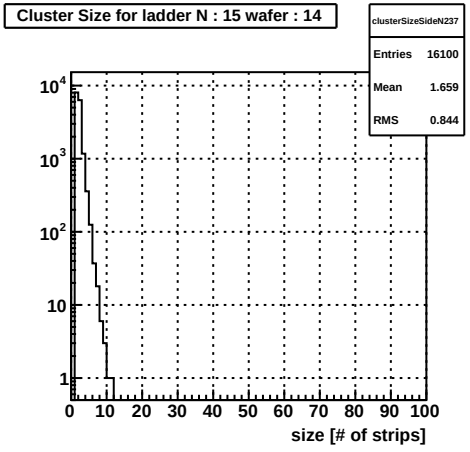

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 18305
Mean 1.552
RMS 0.7931
size [# of strips]

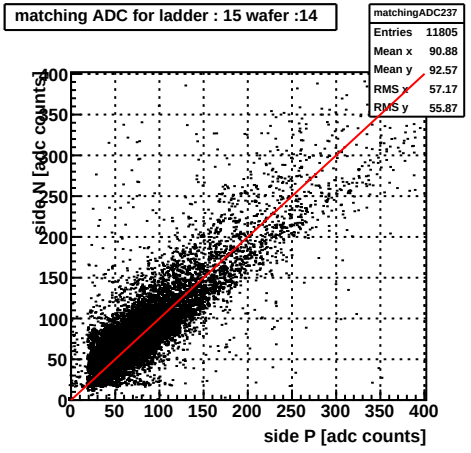

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 12750
Mean x 84.69
Mean y 86.21
RMS x 55.72
RMS y 55.53
side N [adc counts]
side P [adc counts]

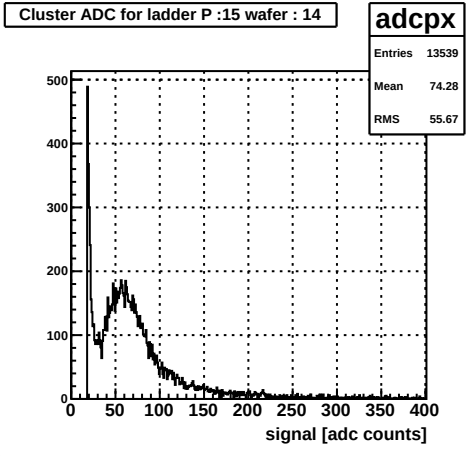

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 17757
Mean 68.16
RMS 51.57
signal [adc counts]

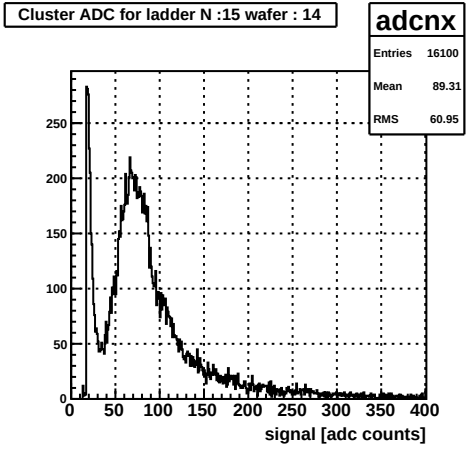

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 18305
Mean 77.28
RMS 58.9
signal [adc counts]

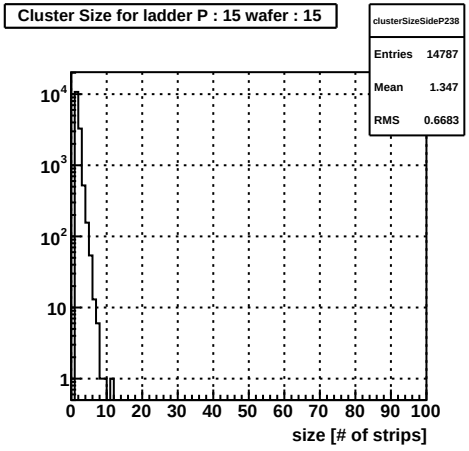

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 13539
Mean 1.37
RMS 0.6884
size [# of strips]

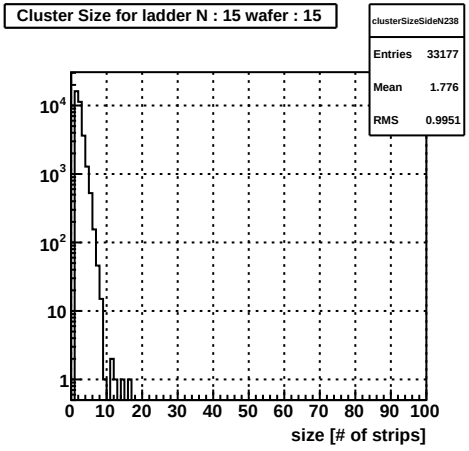

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 16100
Mean 1.659
RMS 0.844
size [# of strips]

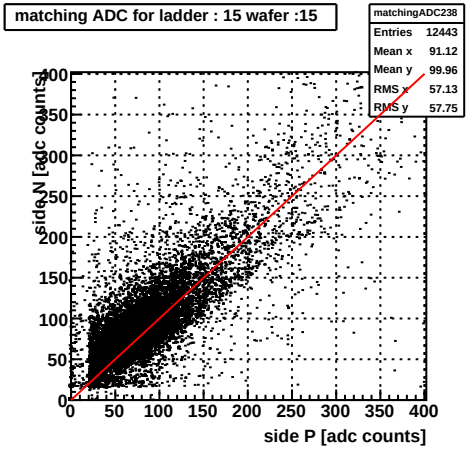

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 11805
Mean x 90.88
Mean y 92.57
RMS x 57.17
RMS y 55.87
side N [adc counts]
side P [adc counts]

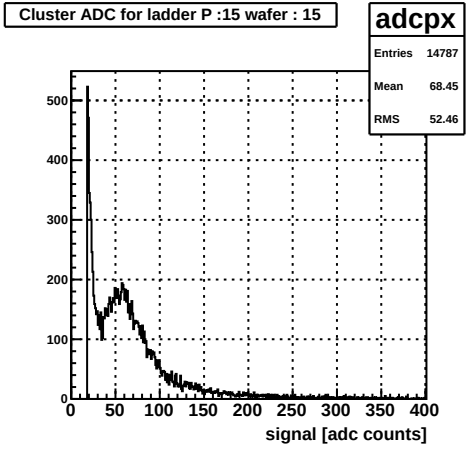

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 13539
Mean 74.28
RMS 55.67
signal [adc counts]

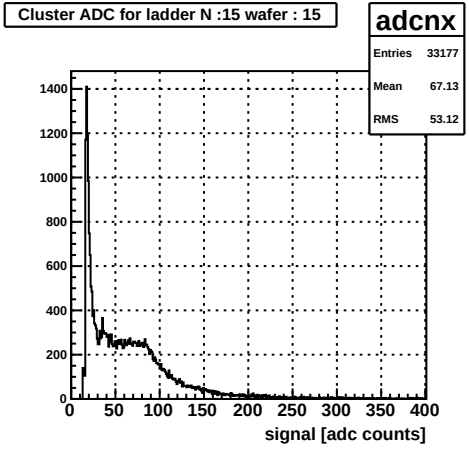

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 16100
Mean 89.31
RMS 60.95
signal [adc counts]

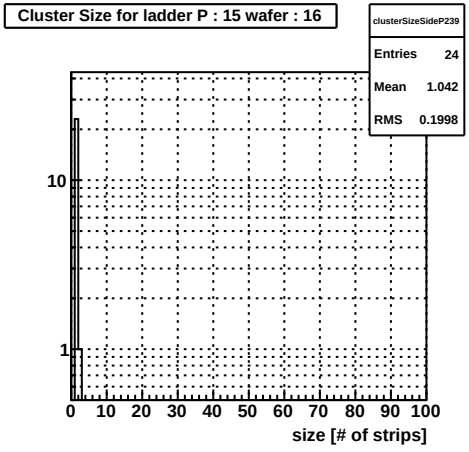

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 14787
Mean 1.347
RMS 0.6683
size [# of strips]

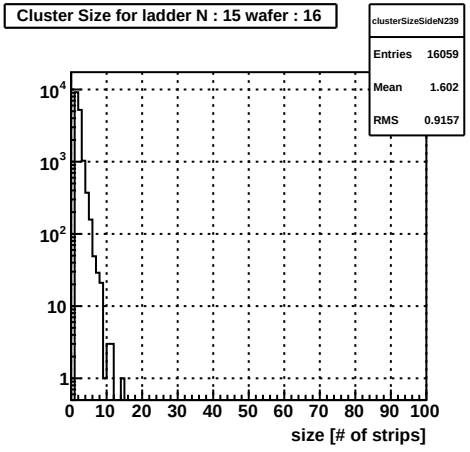

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 33177
Mean 1.776
RMS 0.9951
size [# of strips]

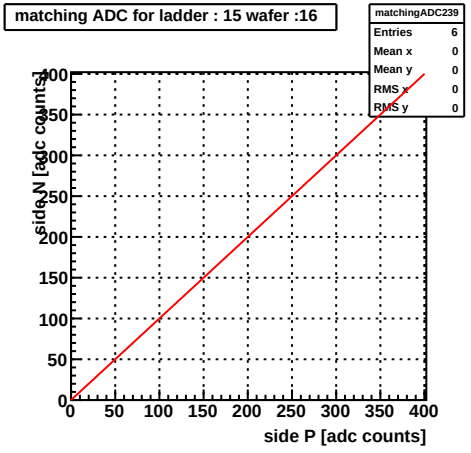

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 12443
Mean x 91.12
Mean y 99.96
RMS x 57.13
RMS y 57.75
side N [adc counts]
side P [adc counts]

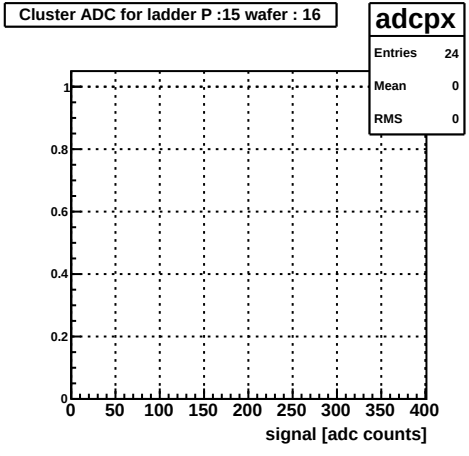

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 14787
Mean 68.45
RMS 52.46
signal [adc counts]

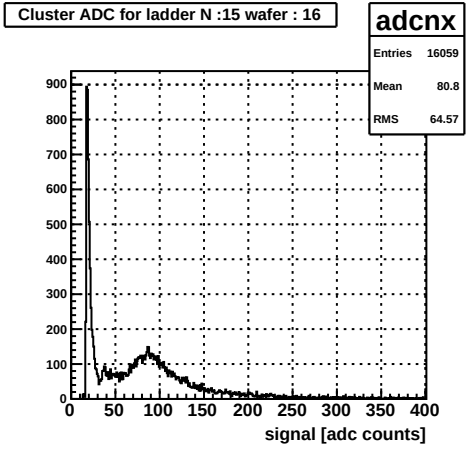

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 33177
Mean 67.13
RMS 53.12
signal [adc counts]

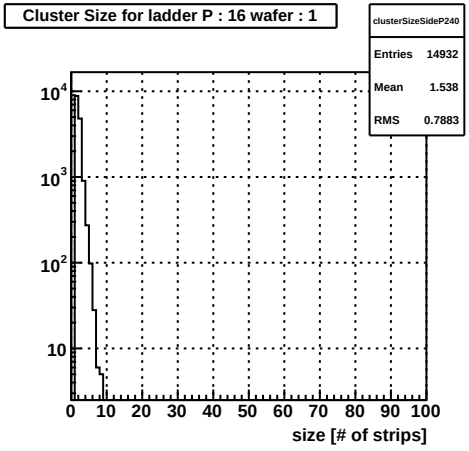

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 24
Mean 1.042
RMS 0.1998
size [# of strips]

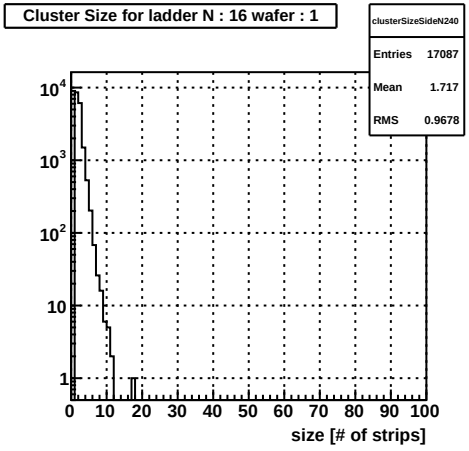

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 16059
Mean 1.602
RMS 0.9157
size [# of strips]

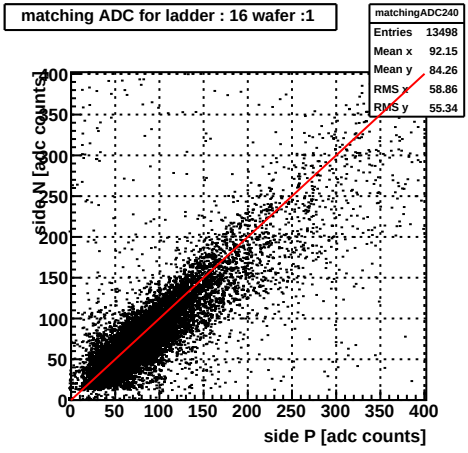

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

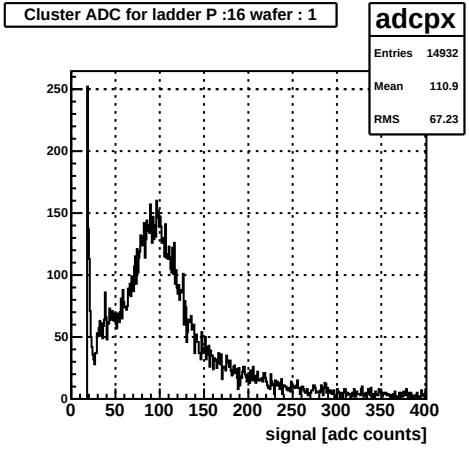

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 24
Mean 0
RMS 0
signal [adc counts]

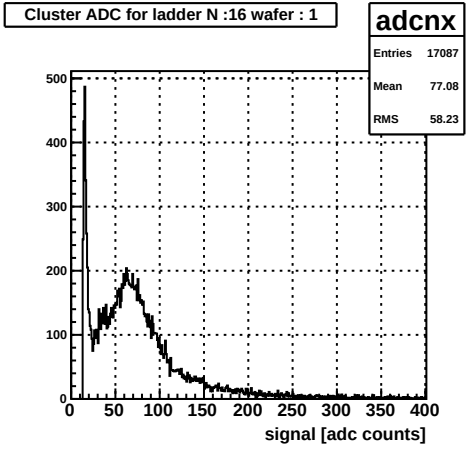

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 16059
Mean 80.8
RMS 64.57
signal [adc counts]

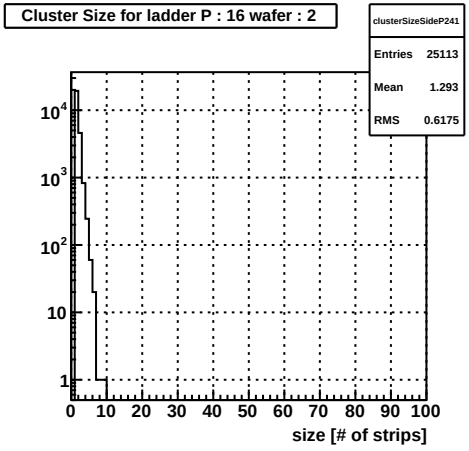

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 14932
Mean 1.538
RMS 0.7883
size [# of strips]

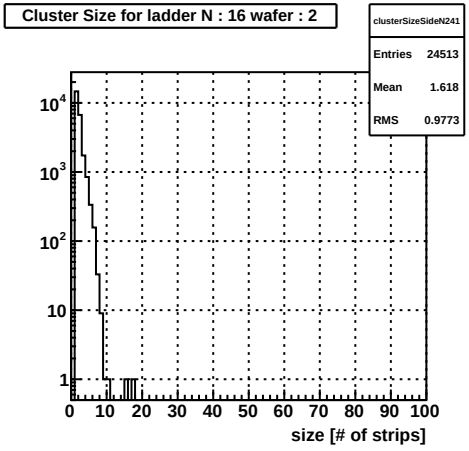

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 17087
Mean 1.717
RMS 0.9678
size [# of strips]

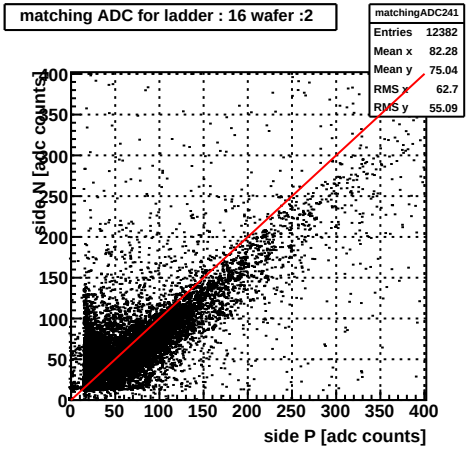

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 13498
Mean x 92.15
Mean y 84.26
RMS x 58.86
RMS y 55.34
side N [adc counts]
side P [adc counts]

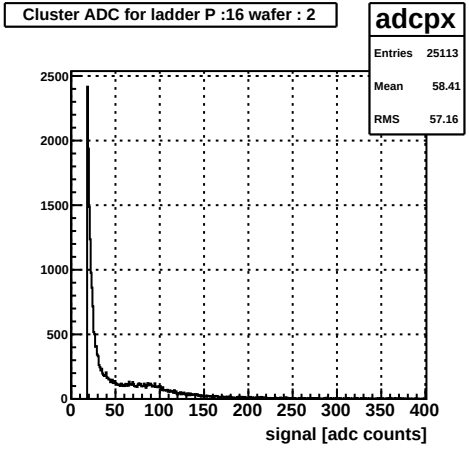

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 14932
Mean 110.9
RMS 67.23
signal [adc counts]

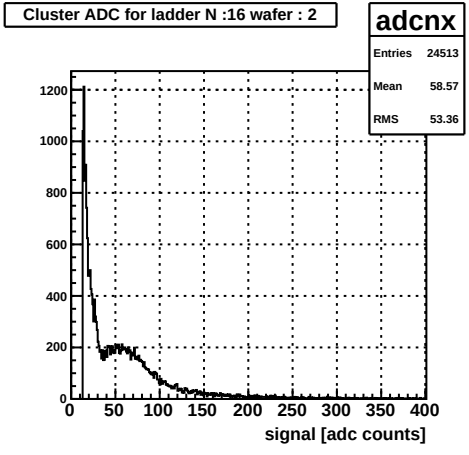

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 17087
Mean 77.08
RMS 58.23
signal [adc counts]

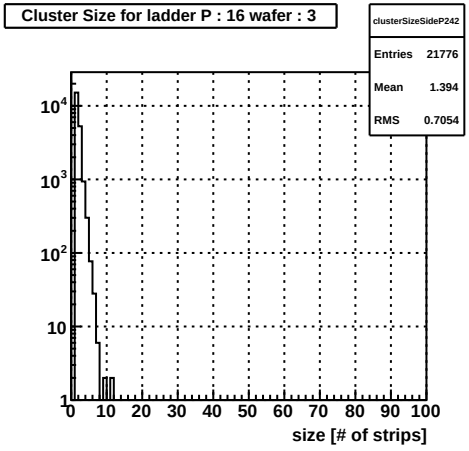

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 25113
Mean 1.293
RMS 0.6175
size [# of strips]

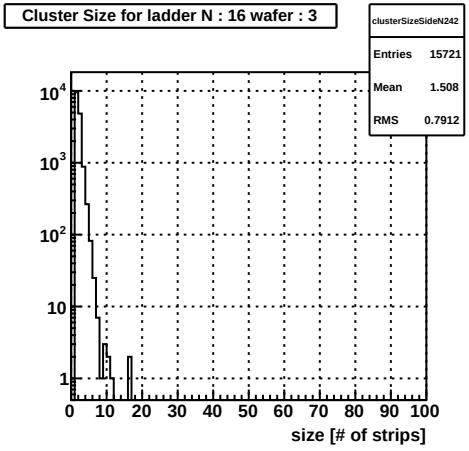

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 24513
Mean 1.618
RMS 0.9773
size [# of strips]

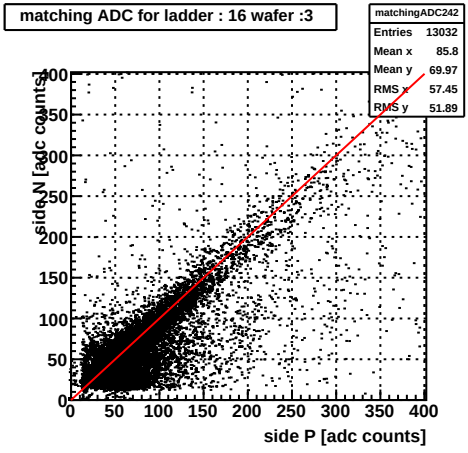

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 12382
Mean x 82.28
Mean y 75.04
RMS x 62.7
RMS y 55.09
side N [adc counts]
side P [adc counts]

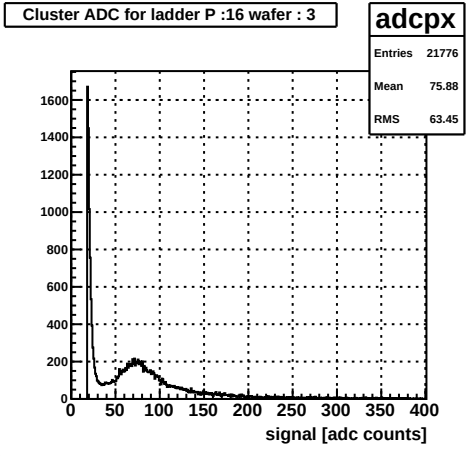

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 25113
Mean 58.41
RMS 57.16
signal [adc counts]

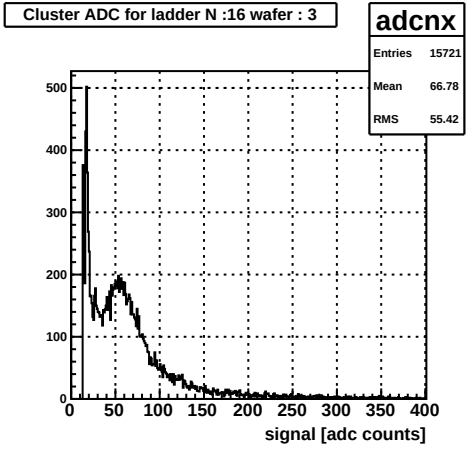

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 24513
Mean 58.57
RMS 53.36
signal [adc counts]

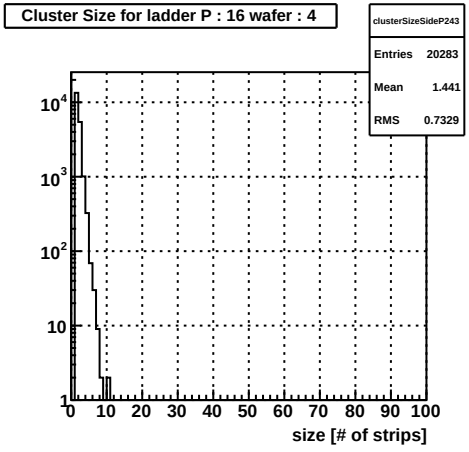

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 21776
Mean 1.394
RMS 0.7054
size [# of strips]

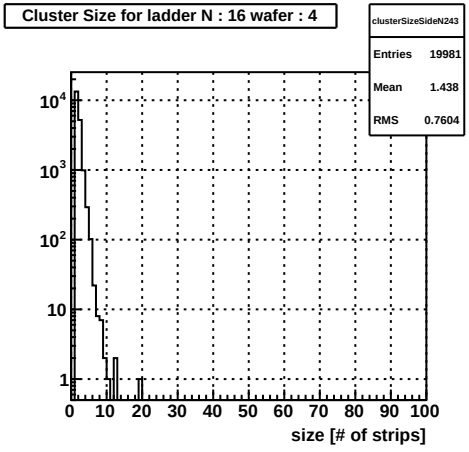

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 15721
Mean 1.508
RMS 0.7912
size [# of strips]

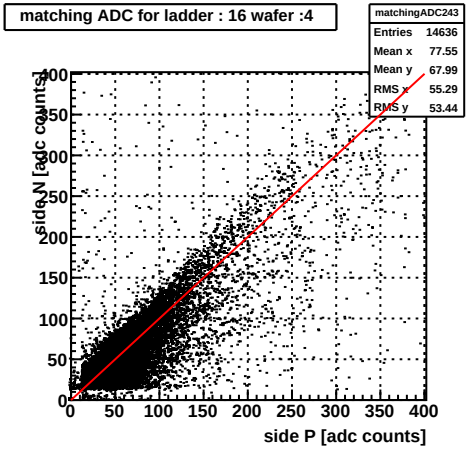

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 13032
Mean x 85.8
Mean y 69.97
RMS x 57.45
RMS y 51.89
side N [adc counts]
side P [adc counts]

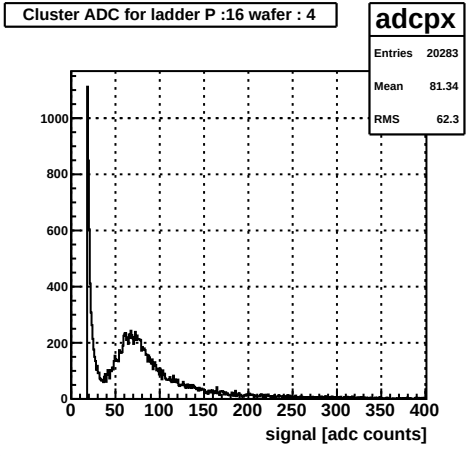

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 21776
Mean 75.88
RMS 63.45
signal [adc counts]

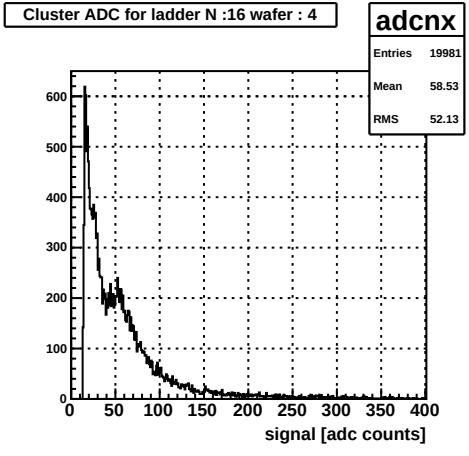

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 15721
Mean 66.78
RMS 55.42
signal [adc counts]

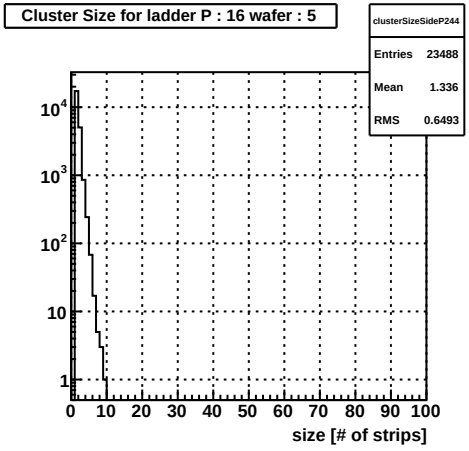

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 20283
Mean 1.441
RMS 0.7329
size [# of strips]

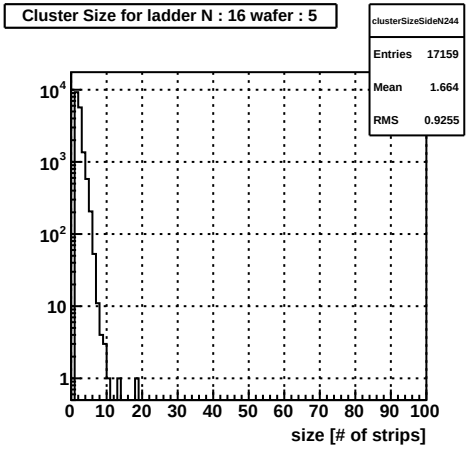

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 19981
Mean 1.438
RMS 0.7604
size [# of strips]

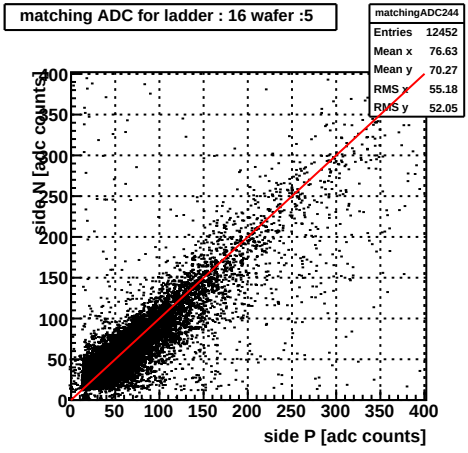

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 14636
Mean x 77.55
Mean y 67.99
RMS x 55.29
RMS y 53.44
side N [adc counts]
side P [adc counts]

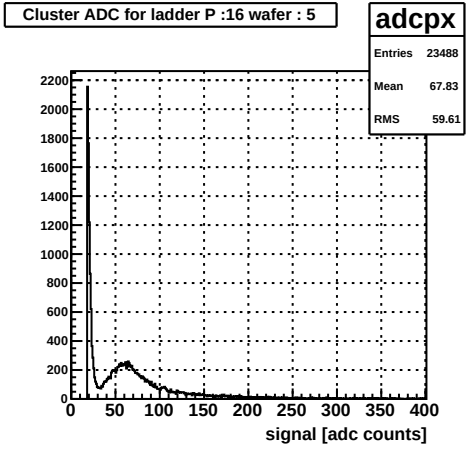

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 20283
Mean 81.34
RMS 62.3
signal [adc counts]

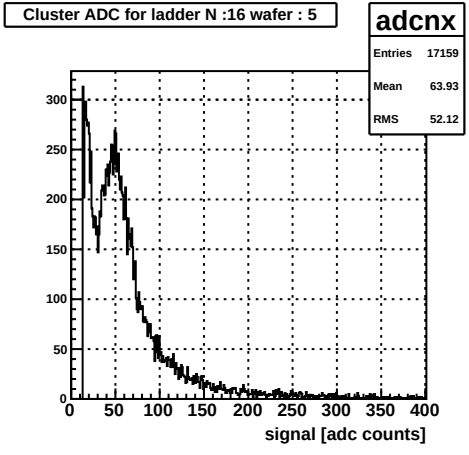

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 19981
Mean 58.53
RMS 52.13
signal [adc counts]

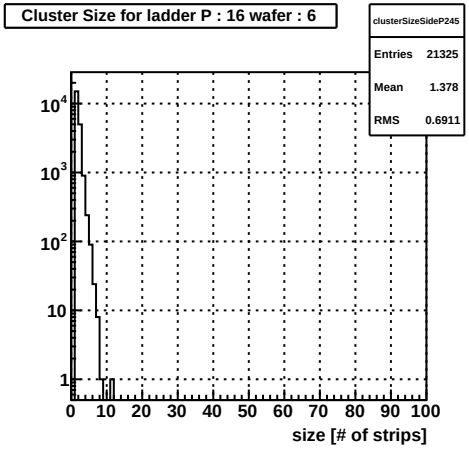

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 23488
Mean 1.336
RMS 0.6493
size [# of strips]

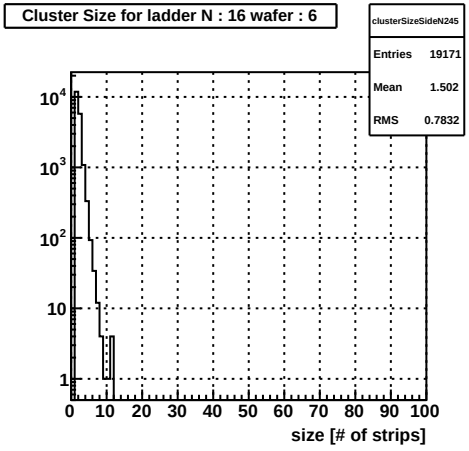

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 17159
Mean 1.664
RMS 0.9255
size [# of strips]

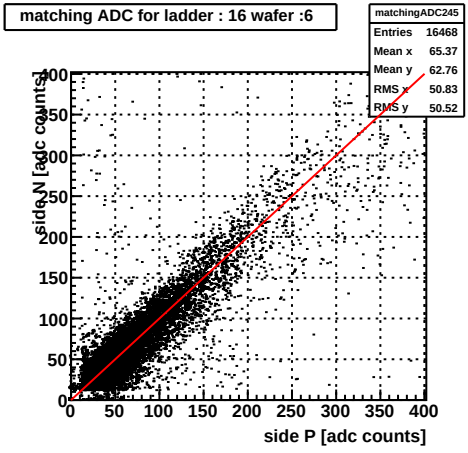

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 12452
Mean x 76.63
Mean y 70.27
RMS x 55.18
RMS y 52.05
side N [adc counts]
side P [adc counts]

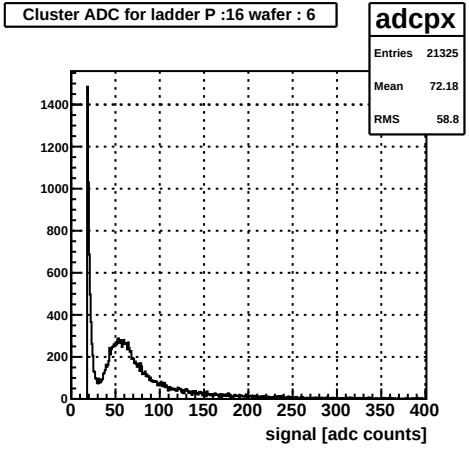

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 23488
Mean 67.83
RMS 59.61
signal [adc counts]

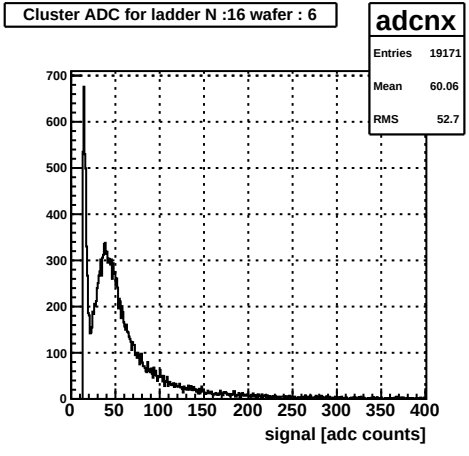

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 17159
Mean 63.93
RMS 52.12
signal [adc counts]

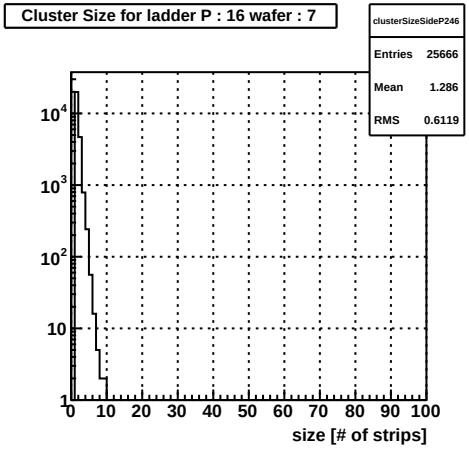

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 21325
Mean 1.378
RMS 0.6911
size [# of strips]

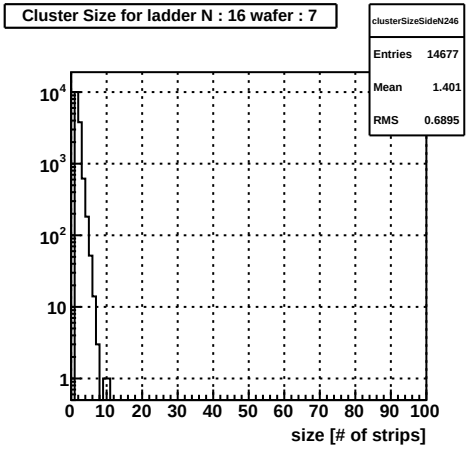

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 19171
Mean 1.502
RMS 0.7832
size [# of strips]

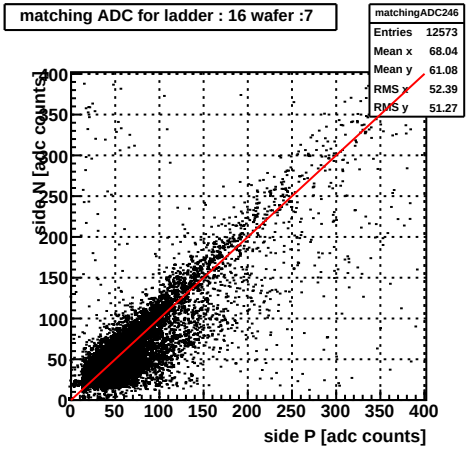

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 16468
Mean x 65.37
Mean y 62.76
RMS x 50.83
RMS y 50.52
side N [adc counts]
side P [adc counts]

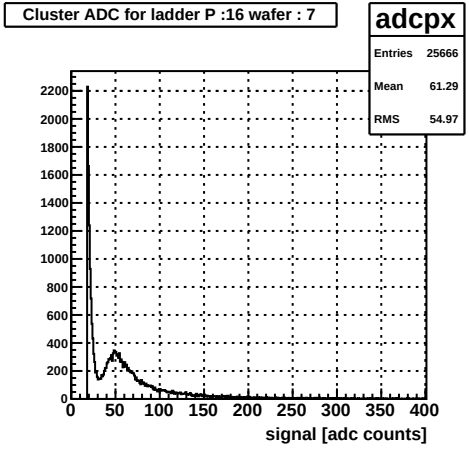

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 21325
Mean 72.18
RMS 58.8
signal [adc counts]

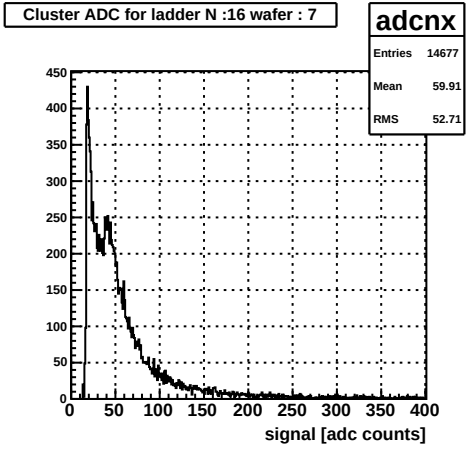

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 19171
Mean 60.06
RMS 52.7
signal [adc counts]

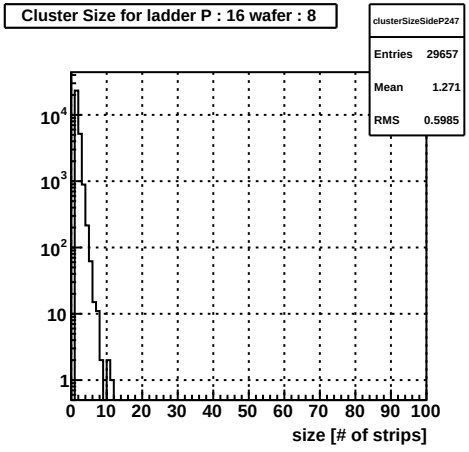

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 25666
Mean 1.286
RMS 0.6119
size [# of strips]

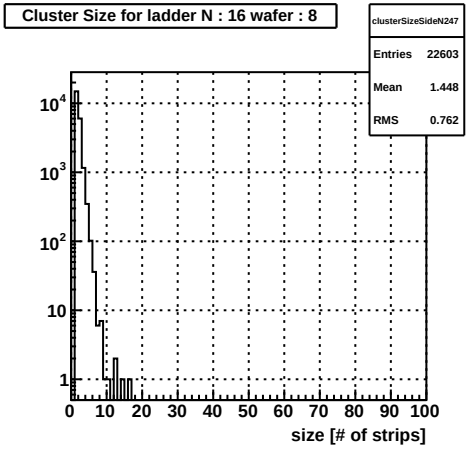

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 14677
Mean 1.401
RMS 0.6895
size [# of strips]

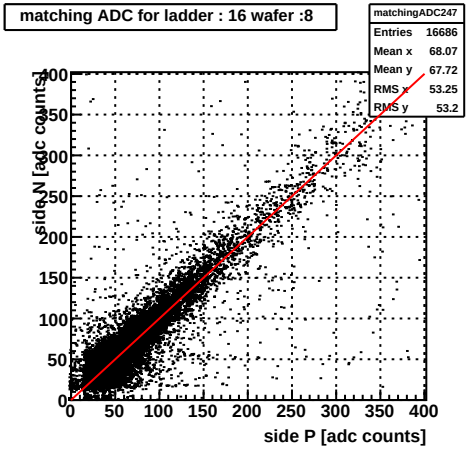

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 12573
Mean x 68.04
Mean y 61.08
RMS x 52.39
RMS y 51.27
side N [adc counts]
side P [adc counts]

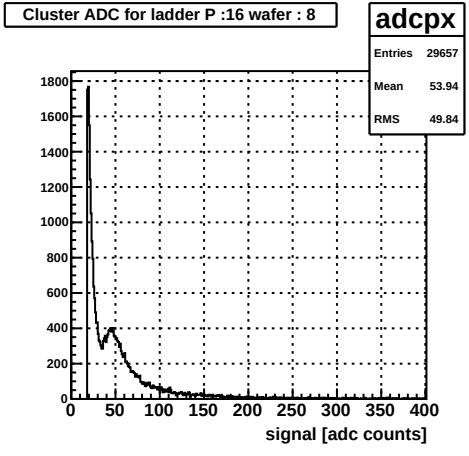

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 25666
Mean 61.29
RMS 54.97
signal [adc counts]

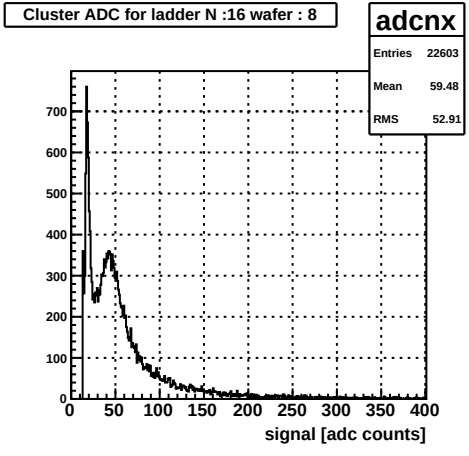

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 14677
Mean 59.91
RMS 52.71
signal [adc counts]

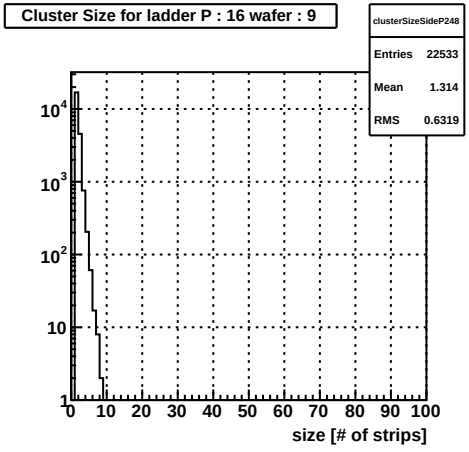

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 29657
Mean 1.271
RMS 0.5985
size [# of strips]

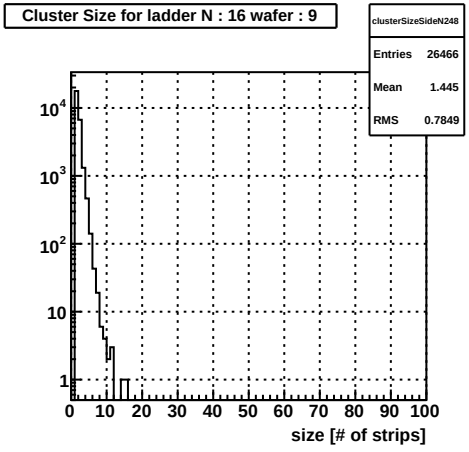

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 22603
Mean 1.448
RMS 0.762
size [# of strips]

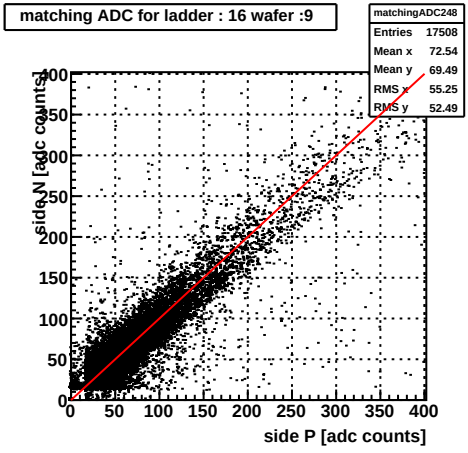

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 16686
Mean x 68.07
Mean y 67.72
RMS x 53.25
RMS y 53.2
side N [adc counts]
side P [adc counts]

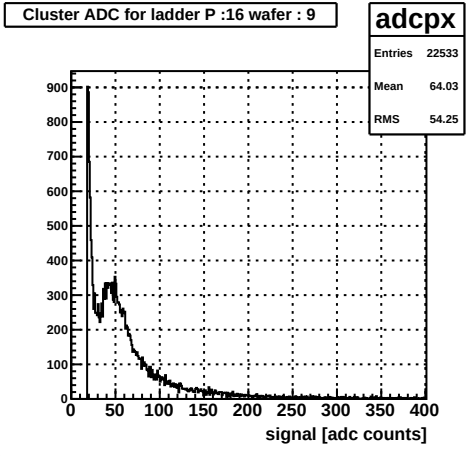

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 29657
Mean 53.94
RMS 49.84
signal [adc counts]

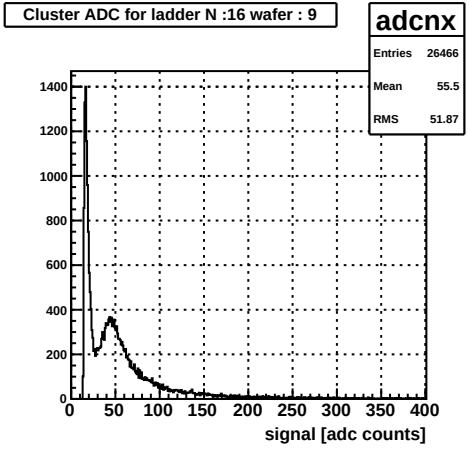

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 22603
Mean 59.48
RMS 52.91
signal [adc counts]

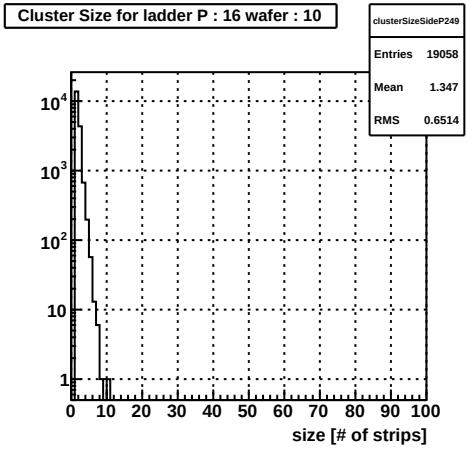

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 22533
Mean 1.314
RMS 0.6319
size [# of strips]

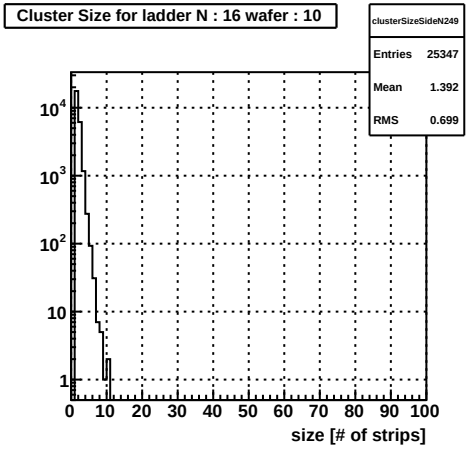

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 26466
Mean 1.445
RMS 0.7849
size [# of strips]

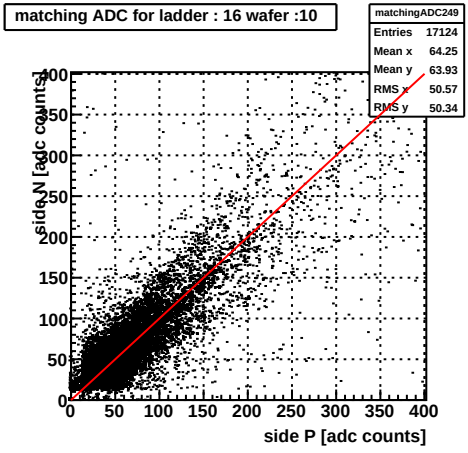

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 17508
Mean x 72.54
Mean y 69.49
RMS x 55.25
RMS y 52.49
side N [adc counts]
side P [adc counts]

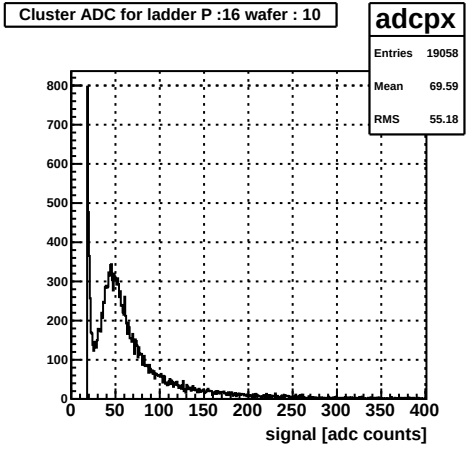

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 22533
Mean 64.03
RMS 54.25
signal [adc counts]

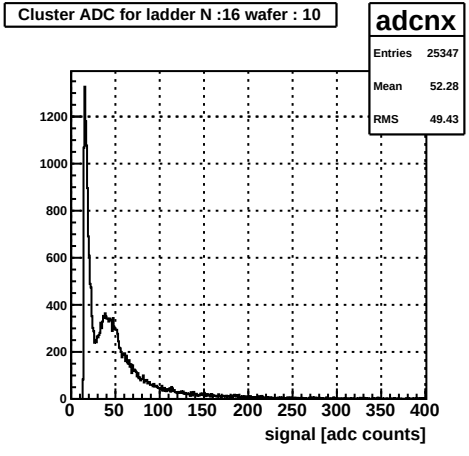

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 26466
Mean 55.5
RMS 51.87
signal [adc counts]

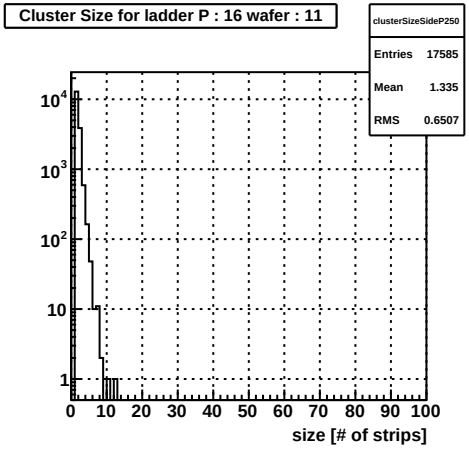

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 19058
Mean 1.347
RMS 0.6514
size [# of strips]

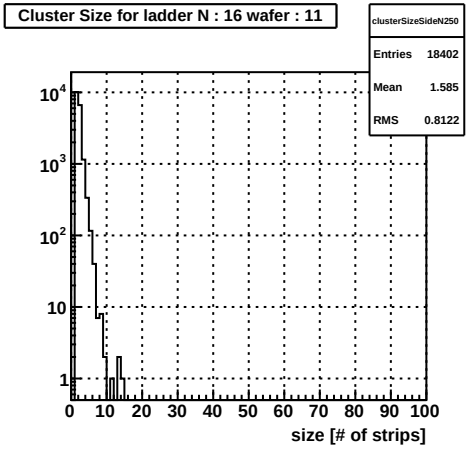

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 25347
Mean 1.392
RMS 0.699
size [# of strips]

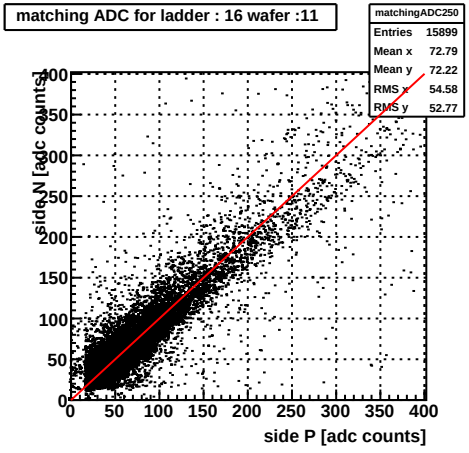

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 17124
Mean x 64.25
Mean y 63.93
RMS x 50.57
RMS y 50.34
side N [adc counts]
side P [adc counts]

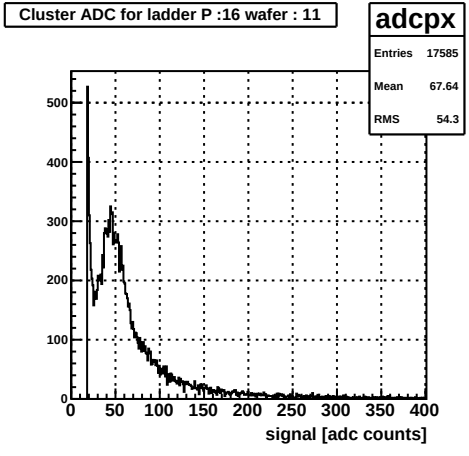

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 19058
Mean 69.59
RMS 55.18
signal [adc counts]

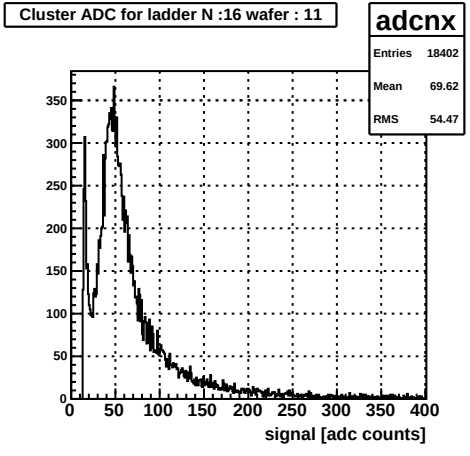

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 25347
Mean 52.28
RMS 49.43
signal [adc counts]

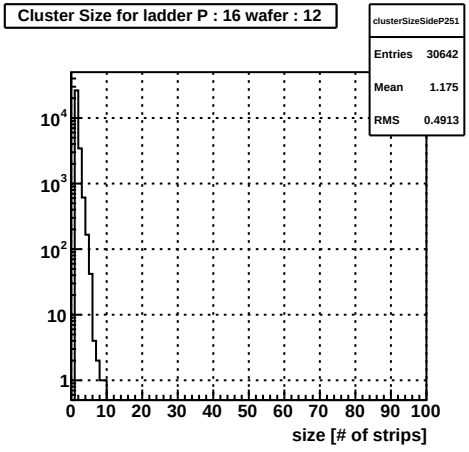

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 17585
Mean 1.335
RMS 0.6507
size [# of strips]

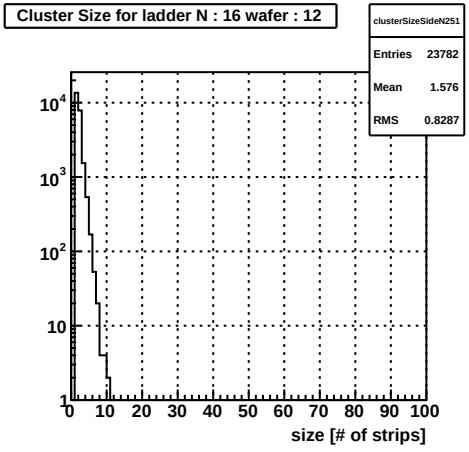

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 18402
Mean 1.585
RMS 0.8122
size [# of strips]

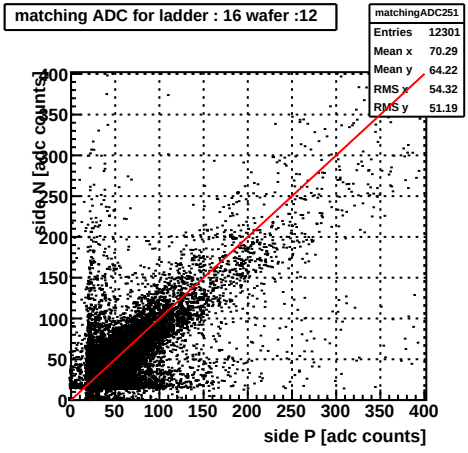

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 15899
Mean x 72.79
Mean y 72.22
RMS x 54.58
RMS y 52.77
side N [adc counts]
side P [adc counts]

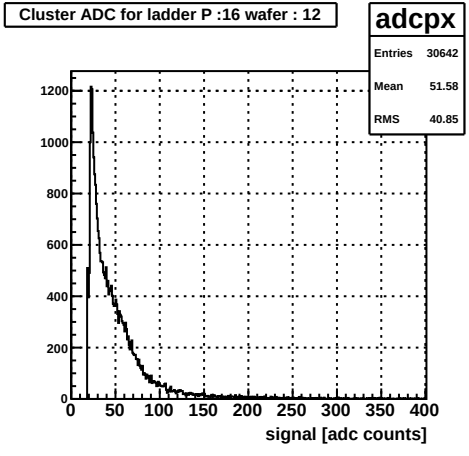

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 17585
Mean 67.64
RMS 54.3
signal [adc counts]

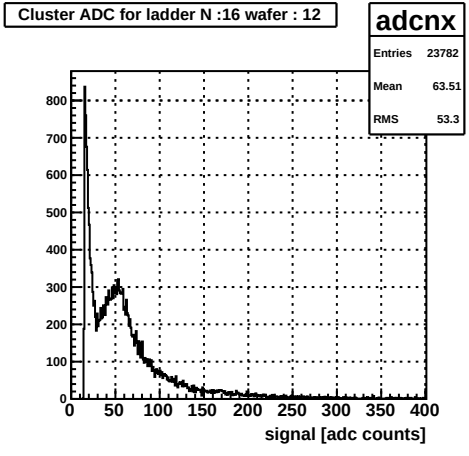

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 18402
Mean 69.62
RMS 54.47
signal [adc counts]

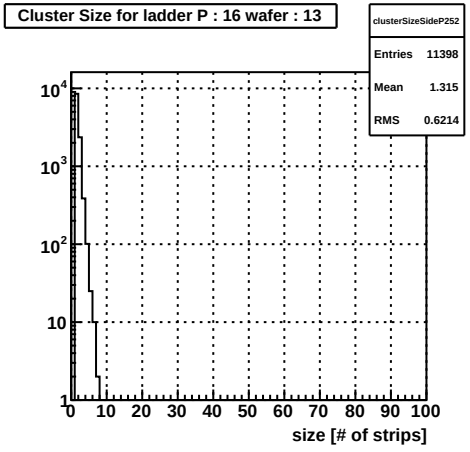

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 30642
Mean 1.175
RMS 0.4913
size [# of strips]

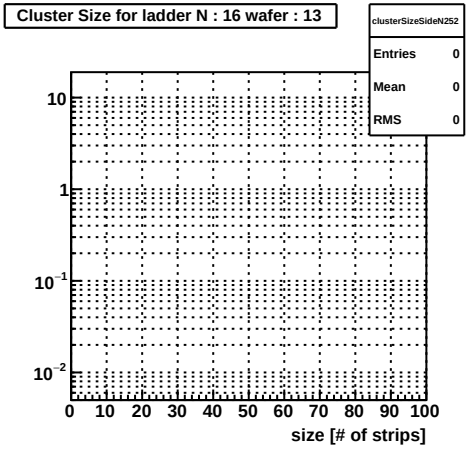

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 23782
Mean 1.576
RMS 0.8287
size [# of strips]

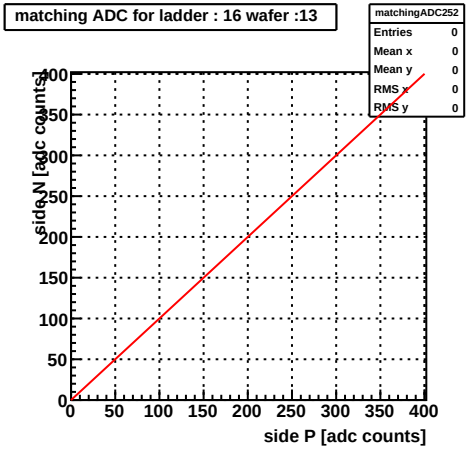

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 12301
Mean x 70.29
Mean y 64.22
RMS x 54.32
RMS y 51.19
side N [adc counts]
side P [adc counts]

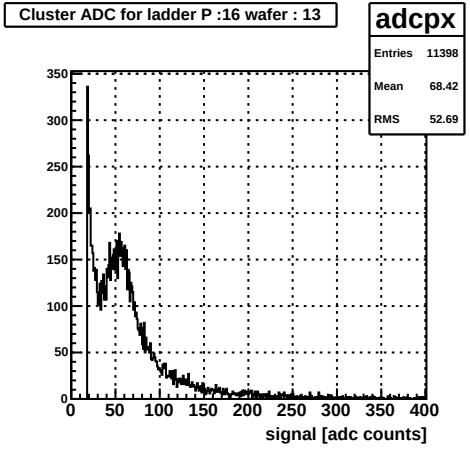

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 30642
Mean 51.58
RMS 40.85
signal [adc counts]

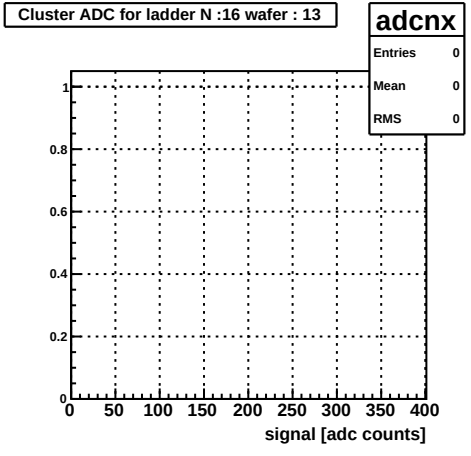

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 23782
Mean 63.51
RMS 53.3
signal [adc counts]

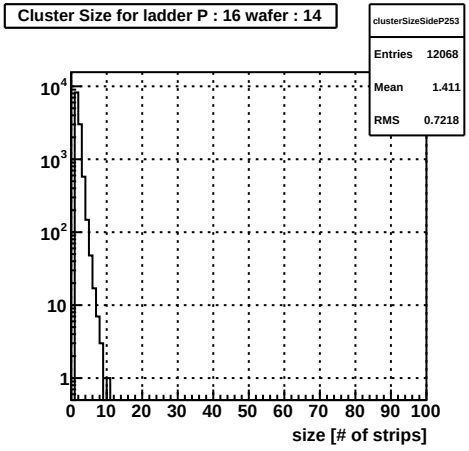

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 11398
Mean 1.315
RMS 0.6214
size [# of strips]

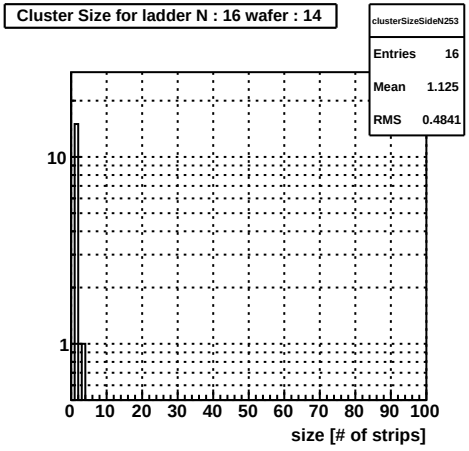

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

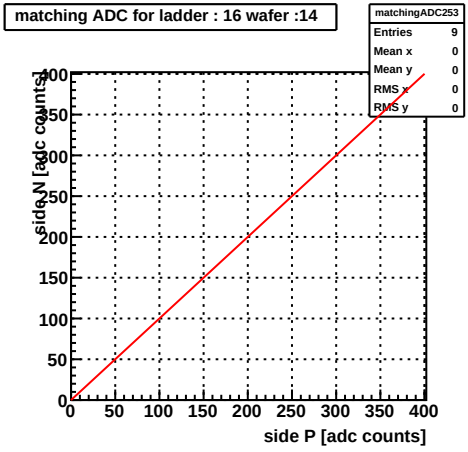

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

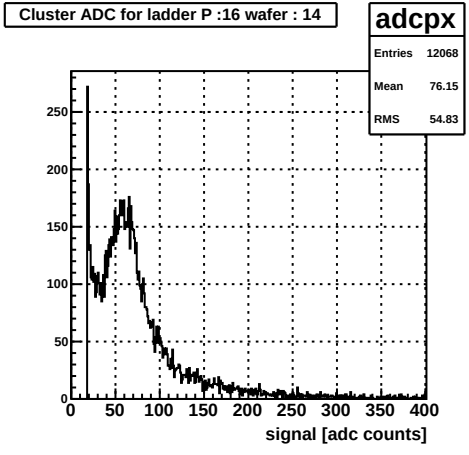

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 11398
Mean 68.42
RMS 52.69
signal [adc counts]

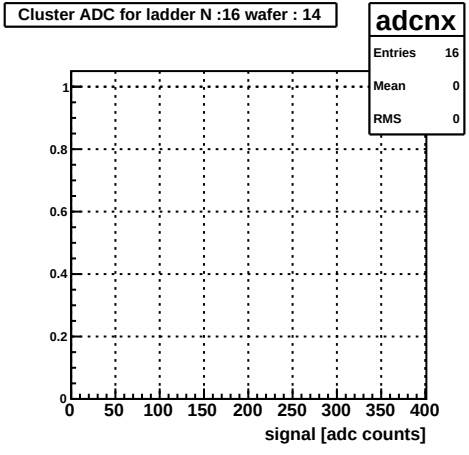

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

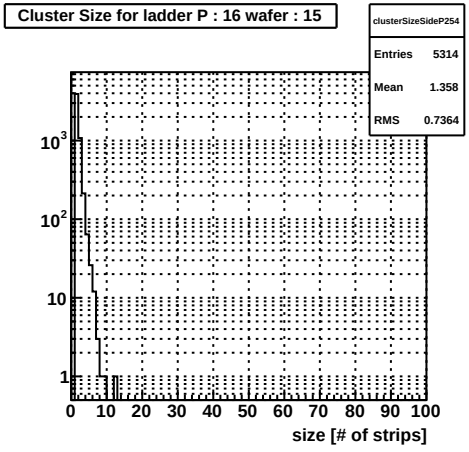

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 12068
Mean 1.411
RMS 0.7218
size [# of strips]

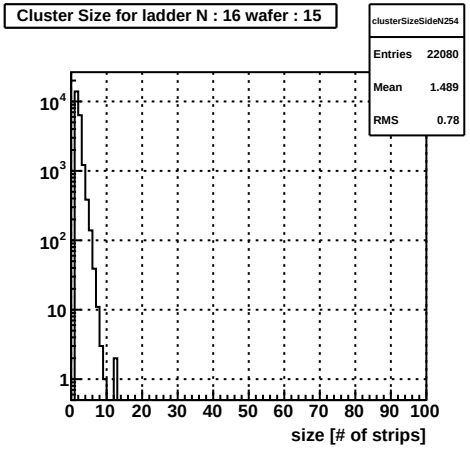

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 16
Mean 1.125
RMS 0.4841
size [# of strips]

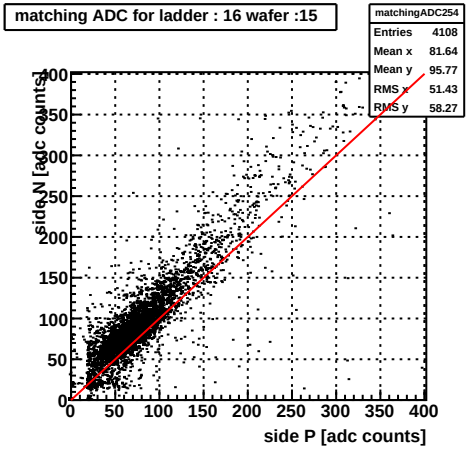

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 9
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

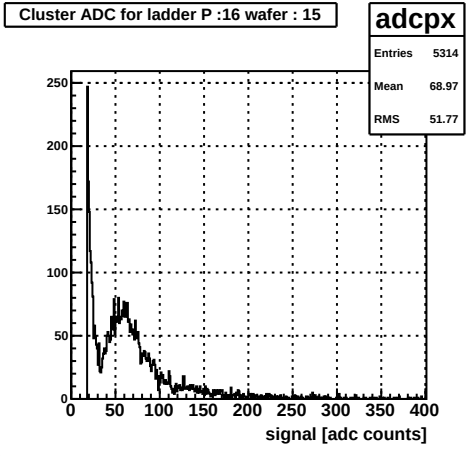

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 12068
Mean 76.15
RMS 54.83
signal [adc counts]

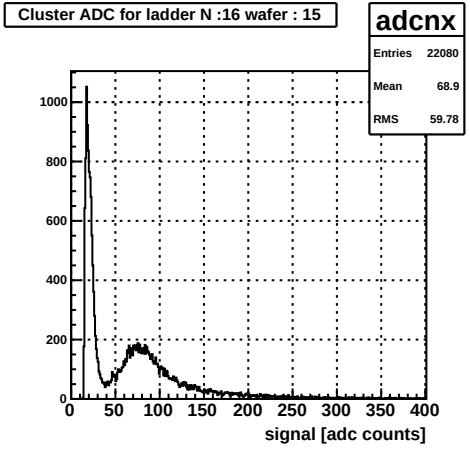

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 16
Mean 0
RMS 0
signal [adc counts]

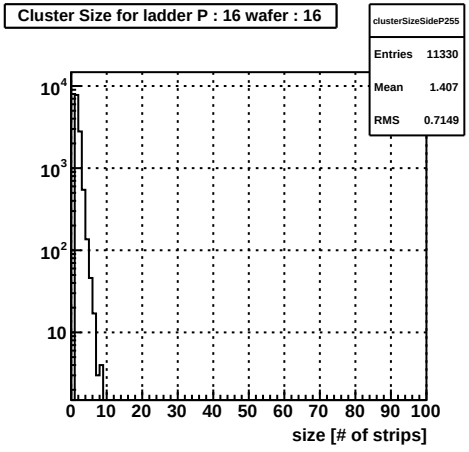

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 5314
Mean 1.358
RMS 0.7364
size [# of strips]

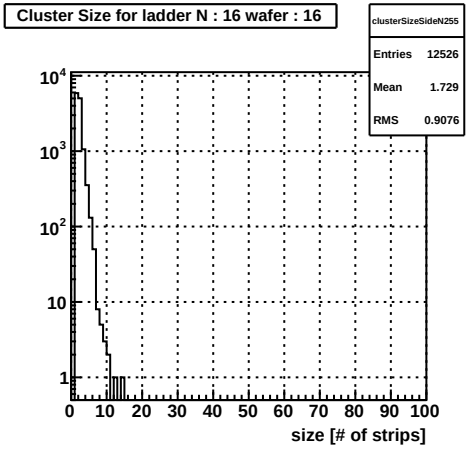

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 22080
Mean 1.489
RMS 0.78
size [# of strips]

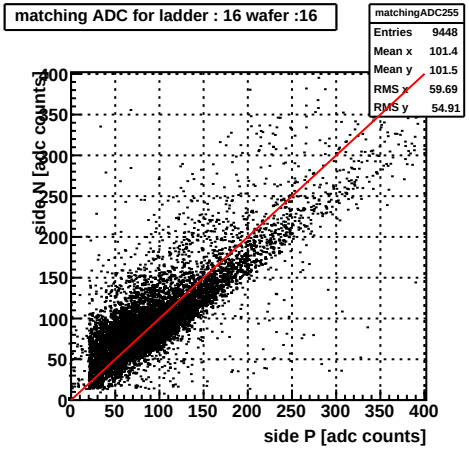

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 4108
Mean x 81.64
Mean y 95.77
RMS x 51.43
RMS y 58.27
side N [adc counts]
side P [adc counts]

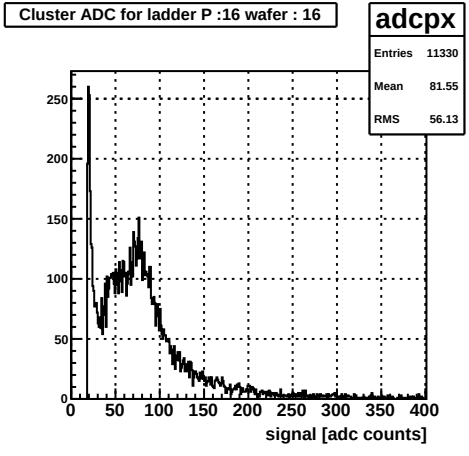

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 5314
Mean 68.97
RMS 51.77
signal [adc counts]

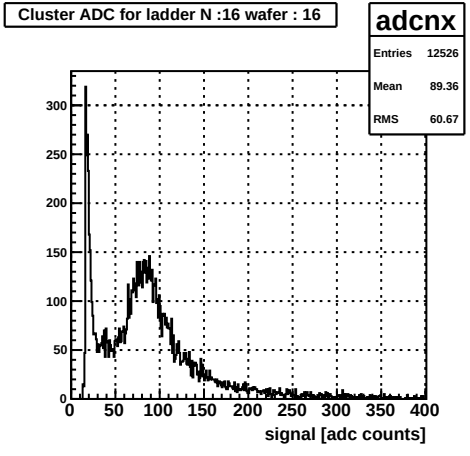

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 22080
Mean 68.9
RMS 59.78
signal [adc counts]

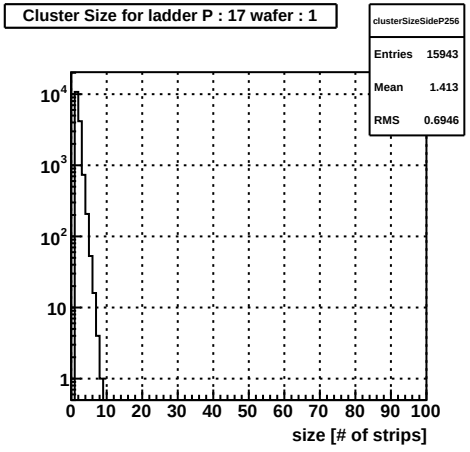

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 11330
Mean 1.407
RMS 0.7149
size [# of strips]

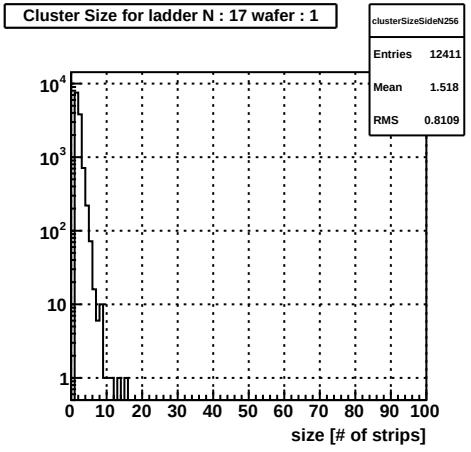

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 12526
Mean 1.729
RMS 0.9076
size [# of strips]

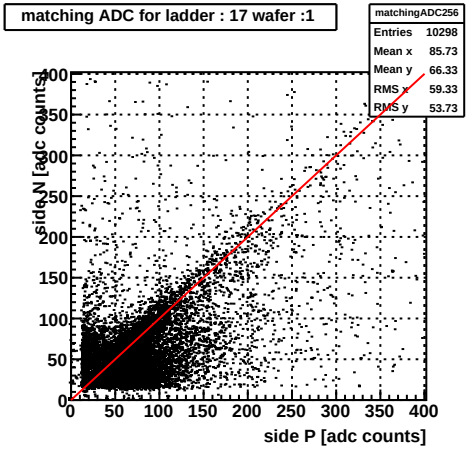

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 9448
Mean x 101.4
Mean y 101.5
RMS x 59.69
RMS y 54.91
side N [adc counts]
side P [adc counts]

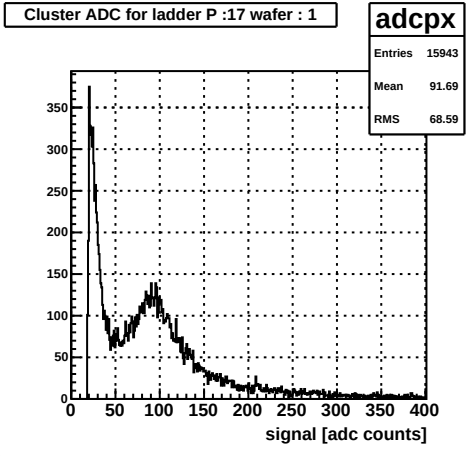

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 11330
Mean 81.55
RMS 56.13
signal [adc counts]

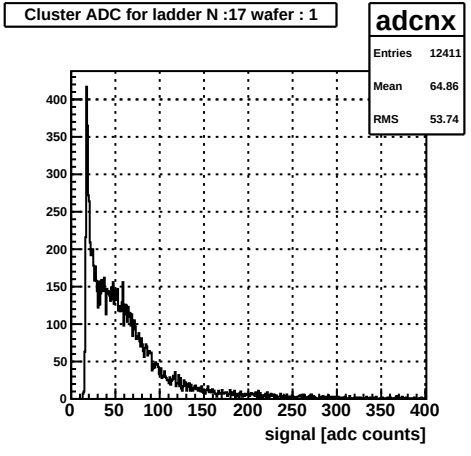

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 12526
Mean 89.36
RMS 60.67
signal [adc counts]

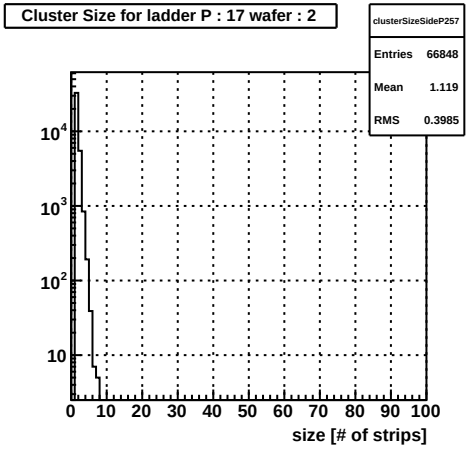

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 15943
Mean 1.413
RMS 0.6946
size [# of strips]

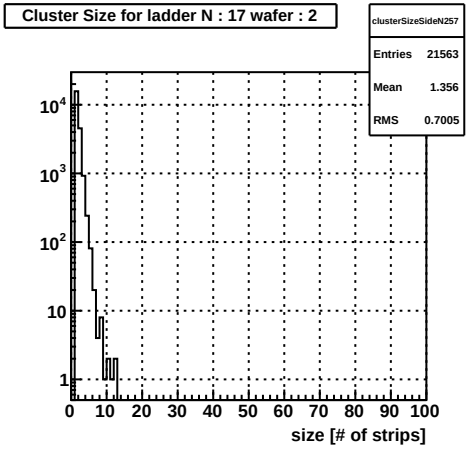

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 12411
Mean 1.518
RMS 0.8109
size [# of strips]

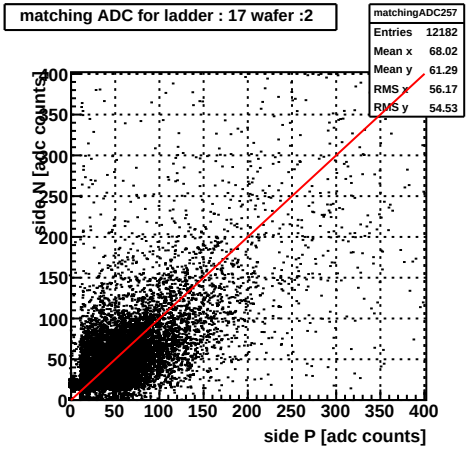

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 10298
Mean x 85.73
Mean y 66.33
RMS x 59.33
RMS y 53.73
side N [adc counts]
side P [adc counts]

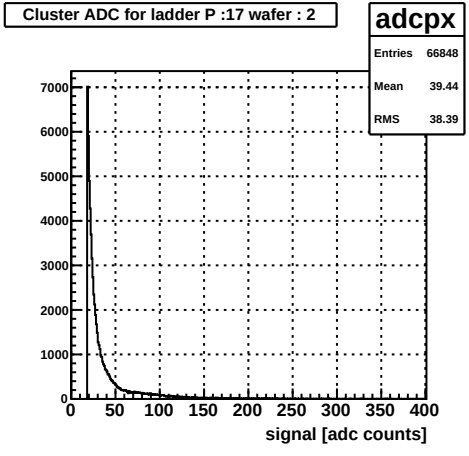

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 15943
Mean 91.69
RMS 68.59
signal [adc counts]

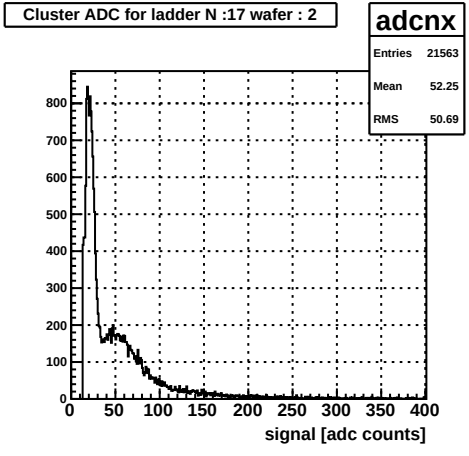

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 12411
Mean 64.86
RMS 53.74
signal [adc counts]

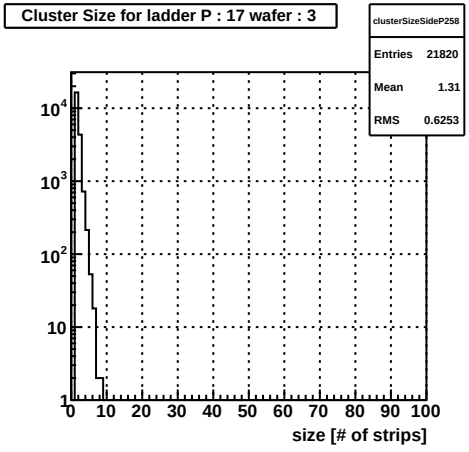

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 66848
Mean 1.119
RMS 0.3985
size [# of strips]

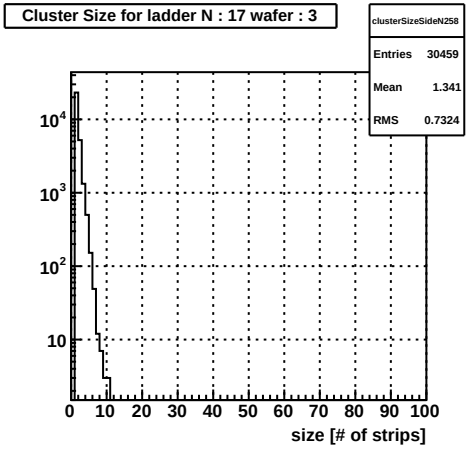

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 21563
Mean 1.356
RMS 0.7005
size [# of strips]

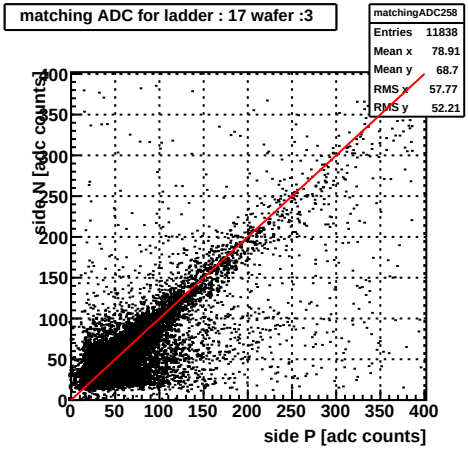

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 12182
Mean x 68.02
Mean y 61.29
RMS x 56.17
RMS y 54.53
side N [adc counts]
side P [adc counts]

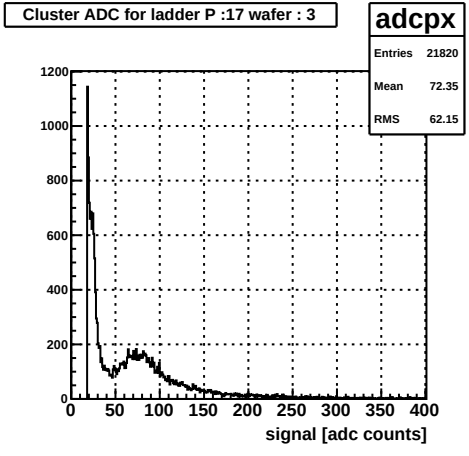

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 66848
Mean 39.44
RMS 38.39
signal [adc counts]

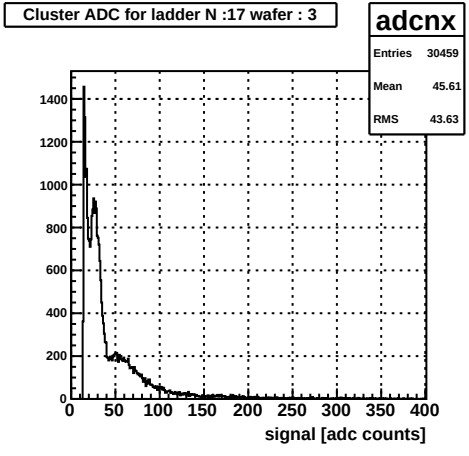

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 21563
Mean 52.25
RMS 50.69
signal [adc counts]

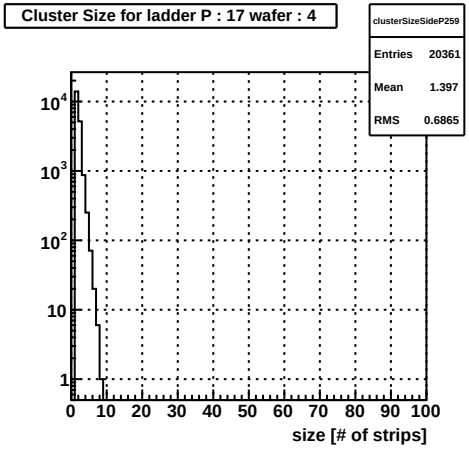

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 21820
Mean 1.31
RMS 0.6253
size [# of strips]

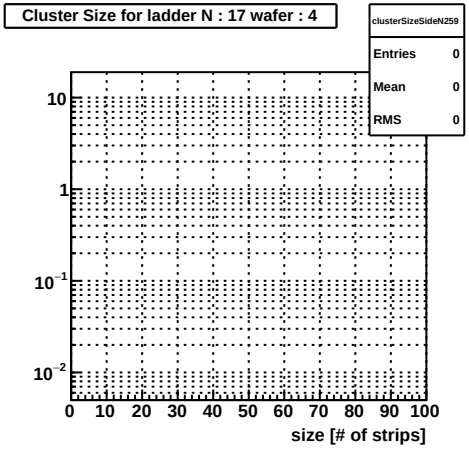

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 30459
Mean 1.341
RMS 0.7324
size [# of strips]

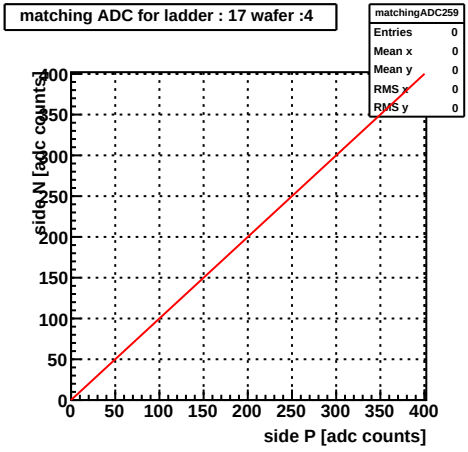

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 11838
Mean x 78.91
Mean y 68.7
RMS x 57.77
RMS y 52.21
side N [adc counts]
side P [adc counts]

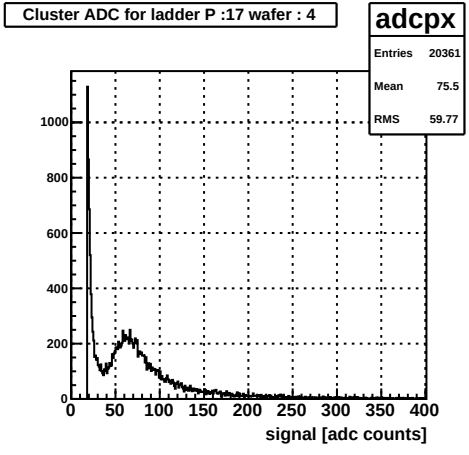

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 21820
Mean 72.35
RMS 62.15
signal [adc counts]

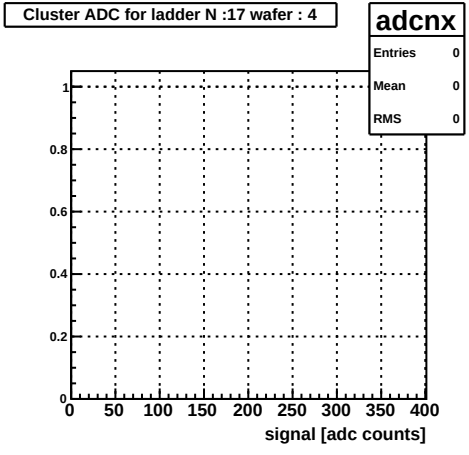

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 30459
Mean 45.61
RMS 43.63
signal [adc counts]

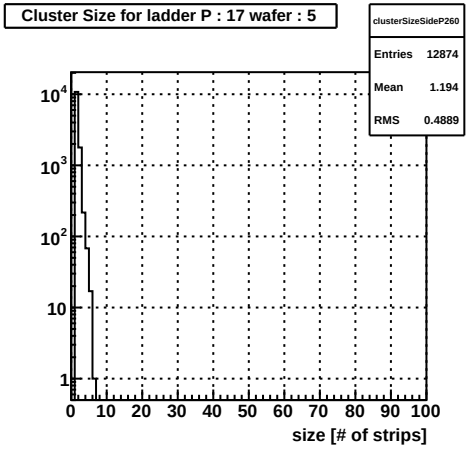

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 20361
Mean 1.397
RMS 0.6865
size [# of strips]

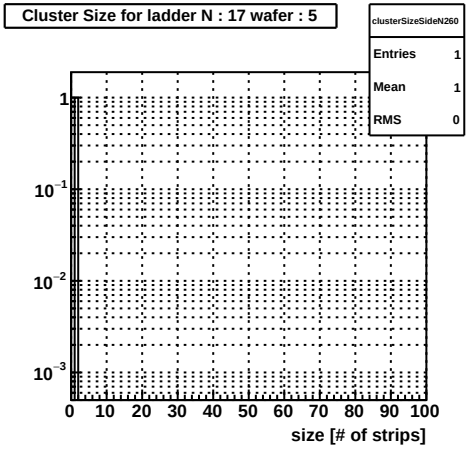

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

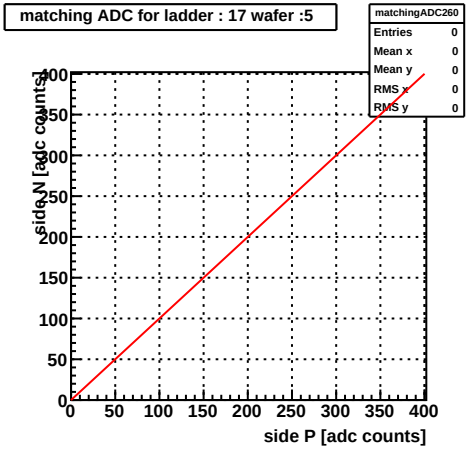

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

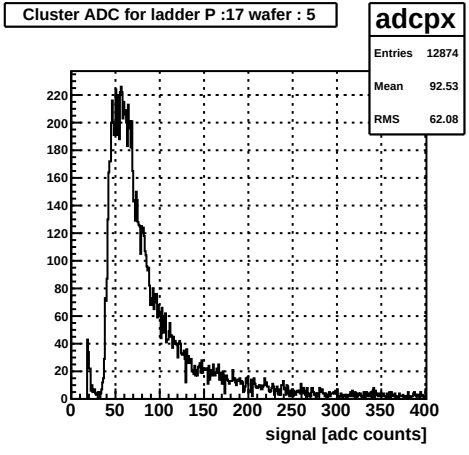

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 20361
Mean 75.5
RMS 59.77
signal [adc counts]

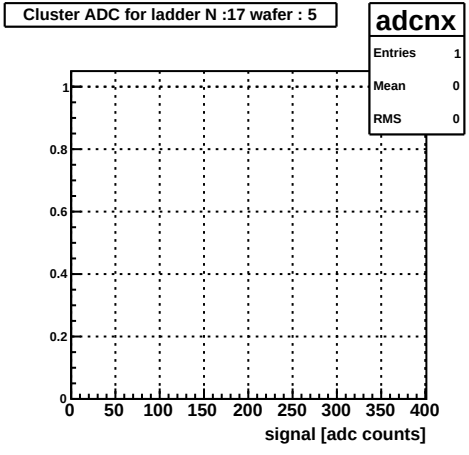

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

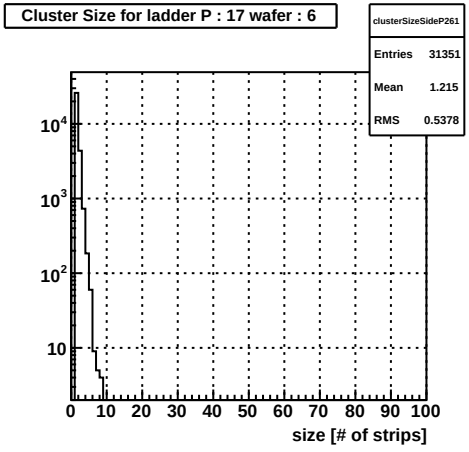

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 12874
Mean 1.194
RMS 0.4889
size [# of strips]

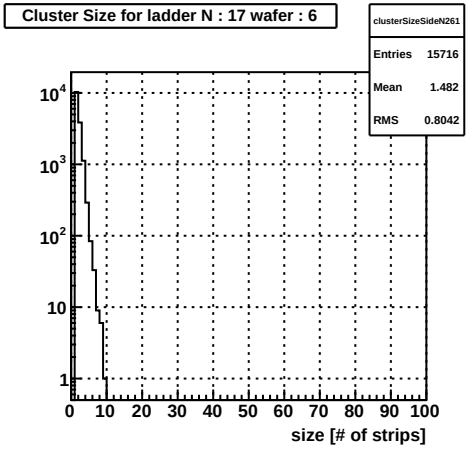

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 1
Mean 1
RMS 0
size [# of strips]

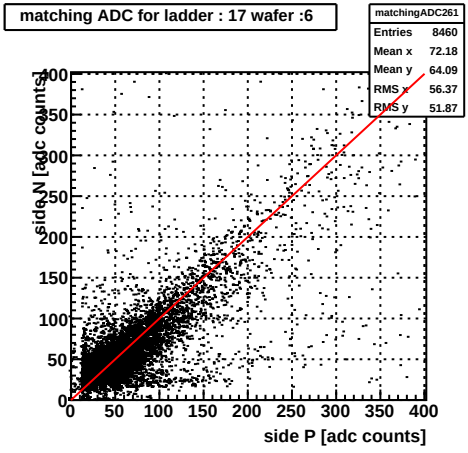

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

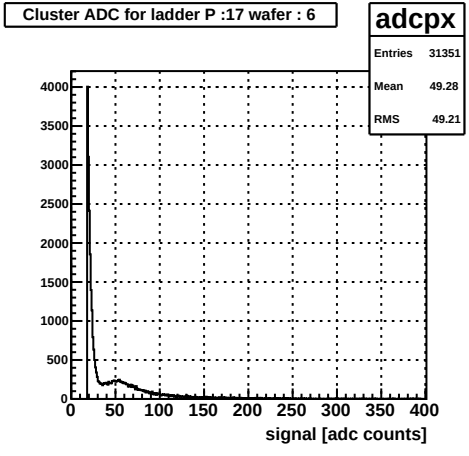

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 12874
Mean 92.53
RMS 62.08
signal [adc counts]

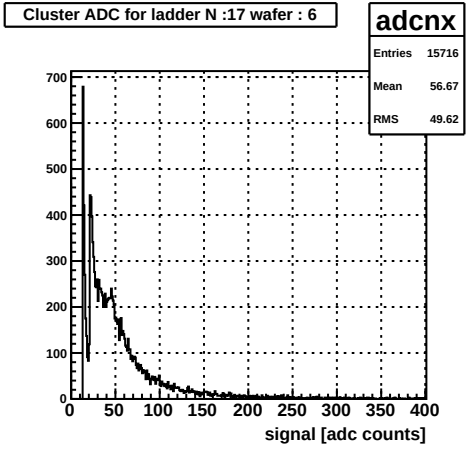

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

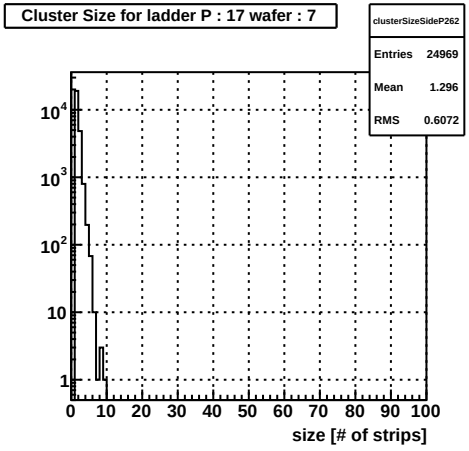

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 31351
Mean 1.215
RMS 0.5378
size [# of strips]

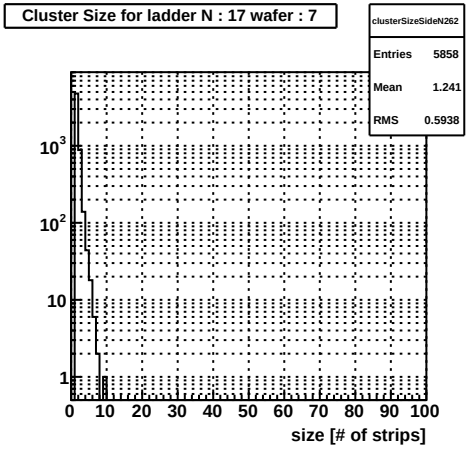

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 15716
Mean 1.482
RMS 0.8042
size [# of strips]

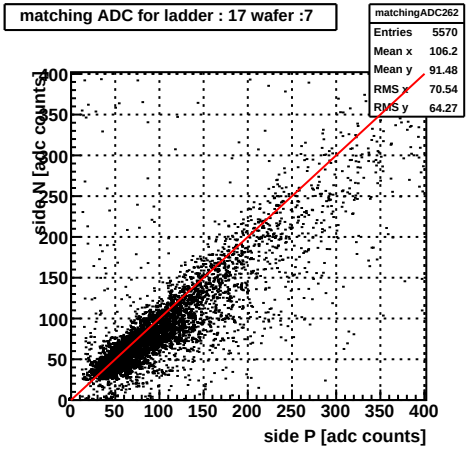

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 8460
Mean x 72.18
Mean y 64.09
RMS x 56.37
RMS y 51.87
side N [adc counts]
side P [adc counts]

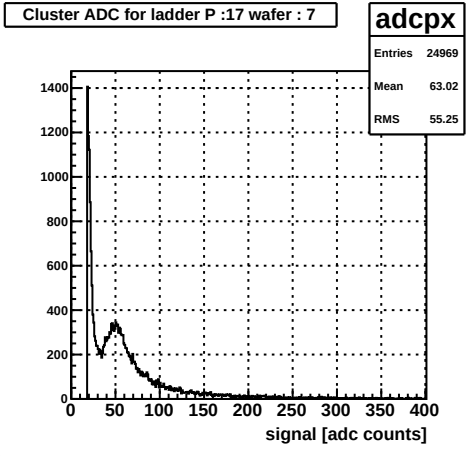

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 31351
Mean 49.28
RMS 49.21
signal [adc counts]

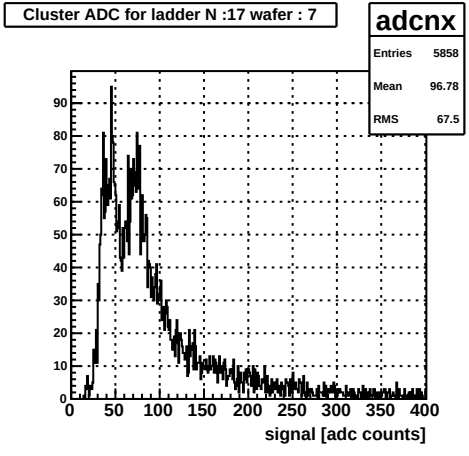

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 15716
Mean 56.67
RMS 49.62
signal [adc counts]

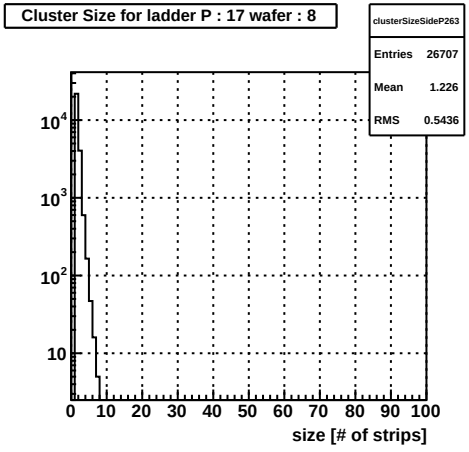

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 24969
Mean 1.296
RMS 0.6072
size [# of strips]

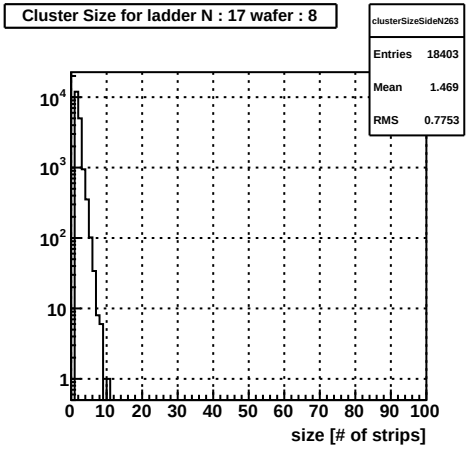

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5858
Mean 1.241
RMS 0.5938
size [# of strips]

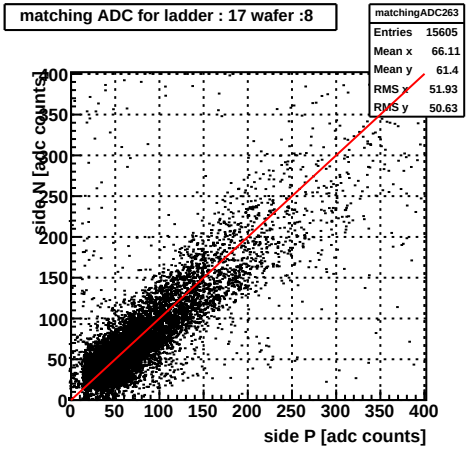

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 5570
Mean x 106.2
Mean y 91.48
RMS x 70.54
RMS y 64.27
side N [adc counts]
side P [adc counts]

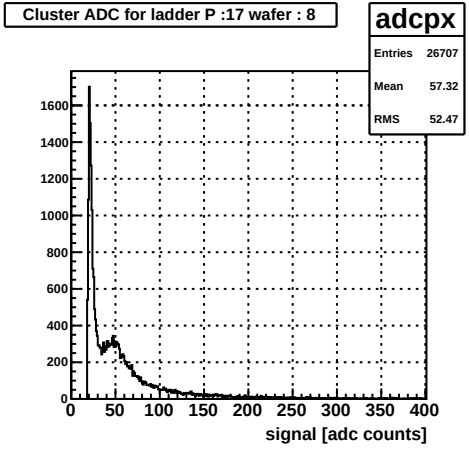

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 24969
Mean 63.02
RMS 55.25
signal [adc counts]

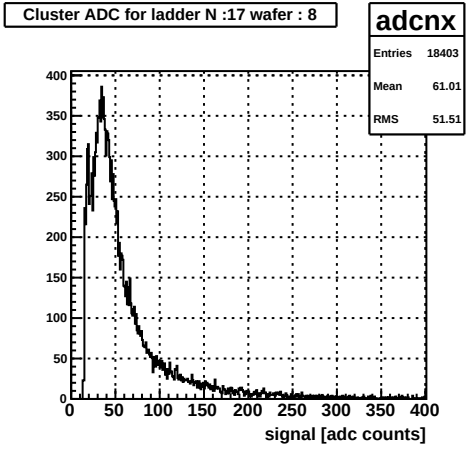

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5858
Mean 96.78
RMS 67.5
signal [adc counts]

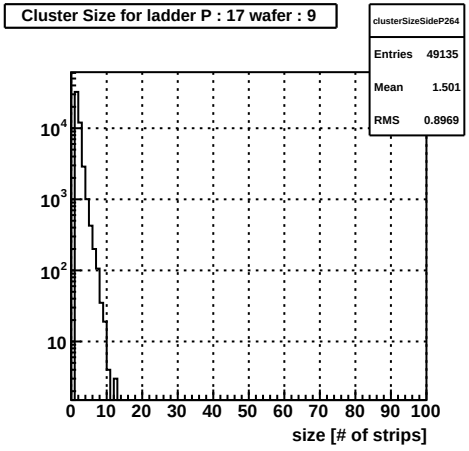

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 26707
Mean 1.226
RMS 0.5436
size [# of strips]

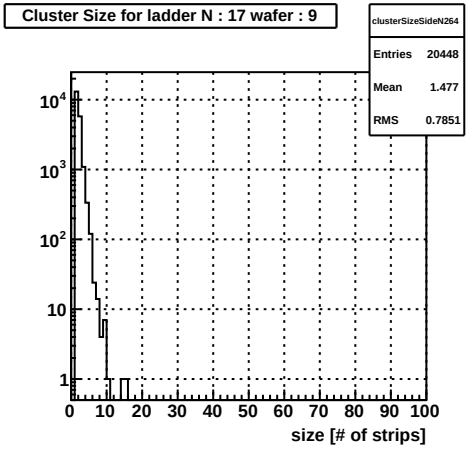

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 18403
Mean 1.469
RMS 0.7753
size [# of strips]

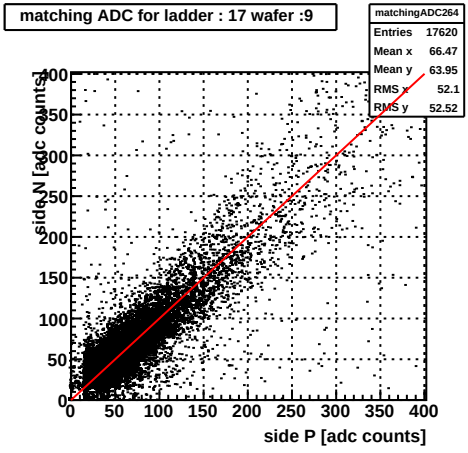

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 15605
Mean x 66.11
Mean y 61.4
RMS x 51.93
RMS y 50.63
side N [adc counts]
side P [adc counts]

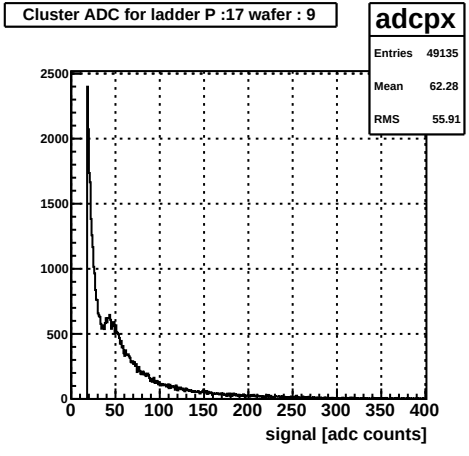

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 26707
Mean 57.32
RMS 52.47
signal [adc counts]

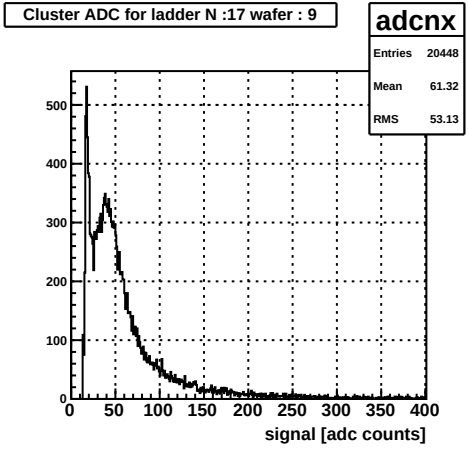

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 18403
Mean 61.01
RMS 51.51
signal [adc counts]

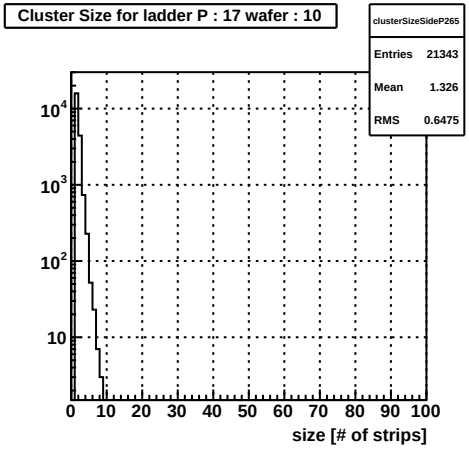

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 49135
Mean 1.501
RMS 0.8969
size [# of strips]

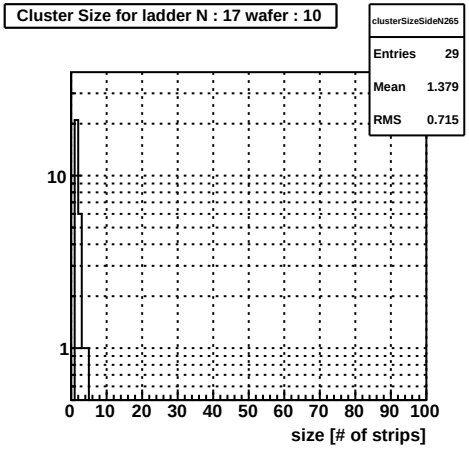

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 20448
Mean 1.477
RMS 0.7851
size [# of strips]

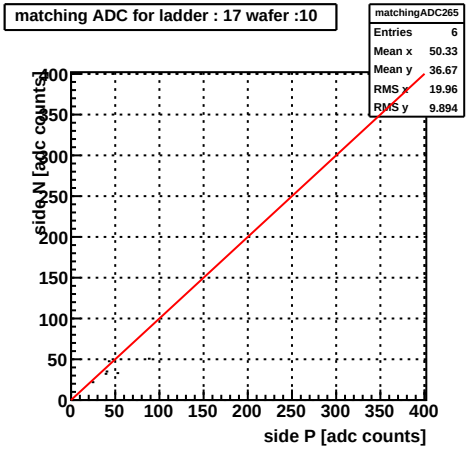

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 17620
Mean x 66.47
Mean y 63.95
RMS x 52.1
RMS y 52.52
side N [adc counts]
side P [adc counts]

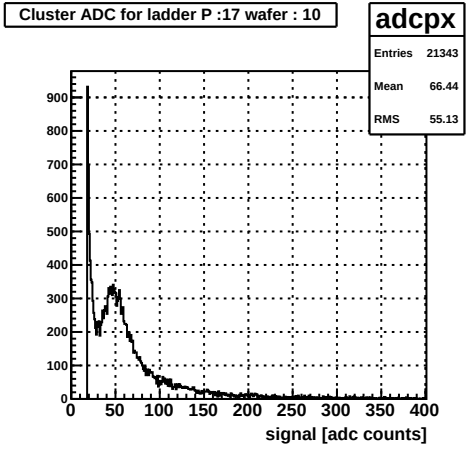

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 49135
Mean 62.28
RMS 55.91
signal [adc counts]

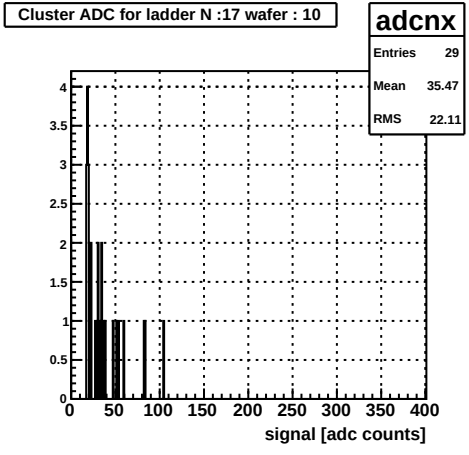

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 20448
Mean 61.32
RMS 53.13
signal [adc counts]

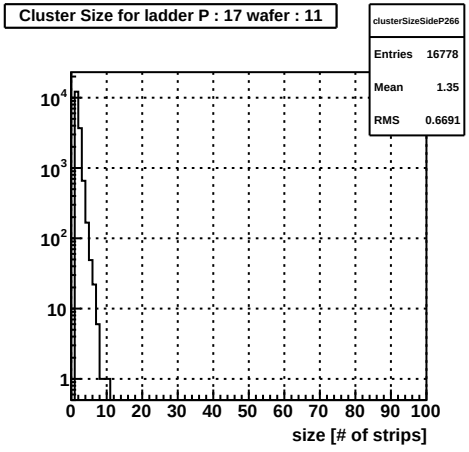

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 21343
Mean 1.326
RMS 0.6475
size [# of strips]

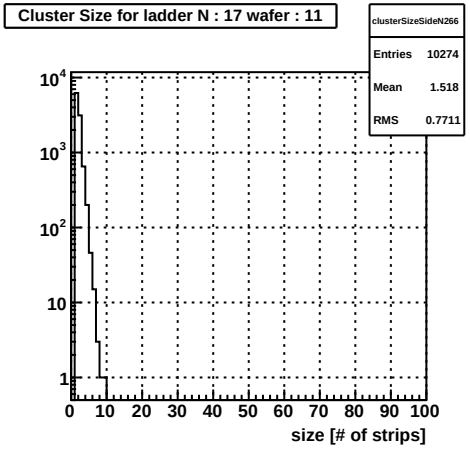

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 29
Mean 1.379
RMS 0.715
size [# of strips]

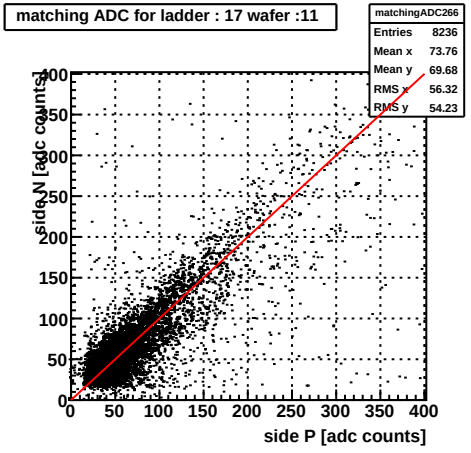

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 6
Mean x 50.33
Mean y 36.67
RMS x 19.96
RMS y 9.894
side N [adc counts]
side P [adc counts]

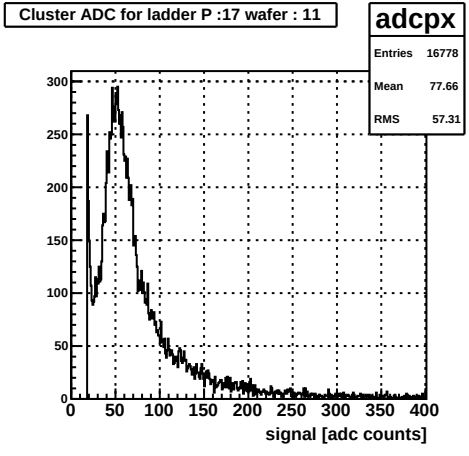

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 21343
Mean 66.44
RMS 55.13
signal [adc counts]

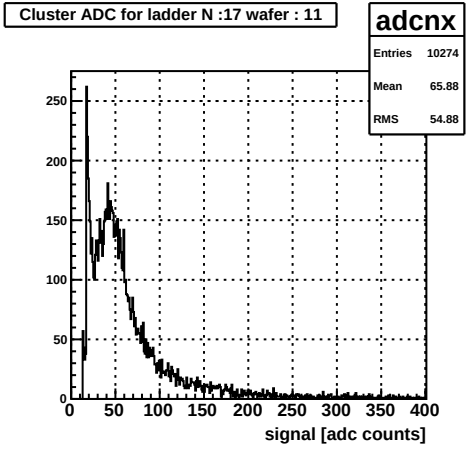

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 29
Mean 35.47
RMS 22.11
signal [adc counts]

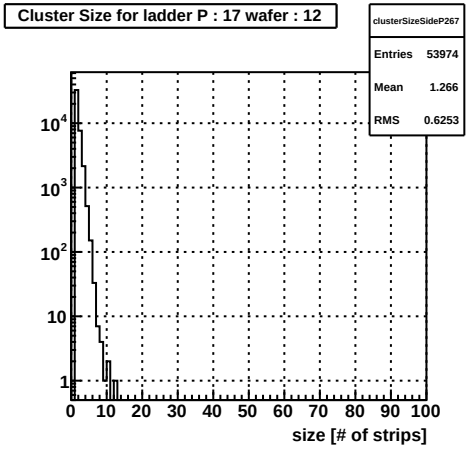

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 16778
Mean 1.35
RMS 0.6691
size [# of strips]

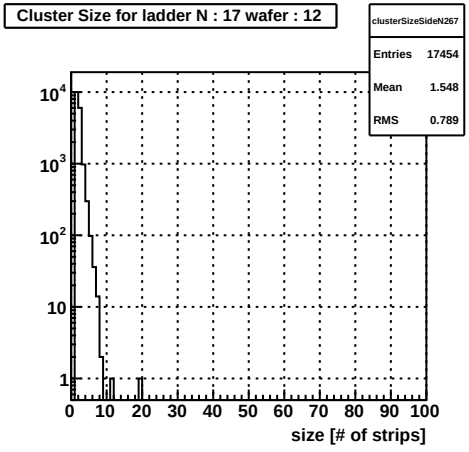

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 10274
Mean 1.518
RMS 0.7711
size [# of strips]

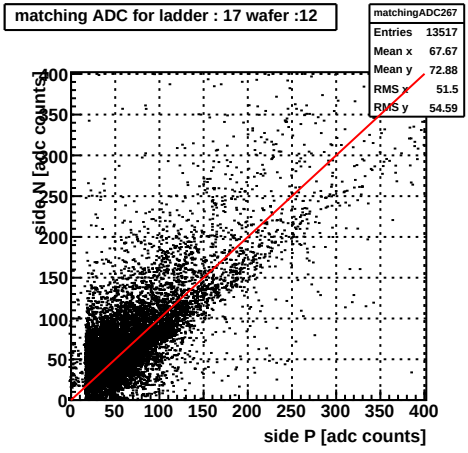

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 8236
Mean x 73.76
Mean y 69.68
RMS x 56.32
RMS y 54.23
side N [adc counts]
side P [adc counts]

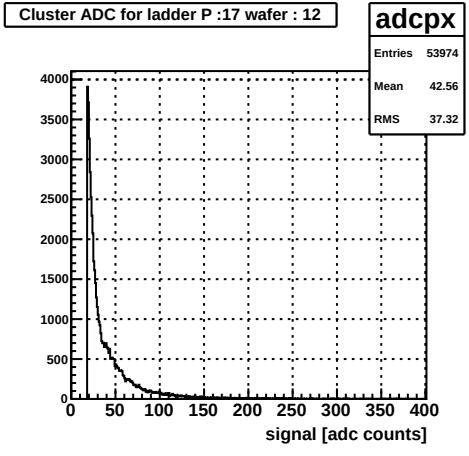

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 16778
Mean 77.66
RMS 57.31
signal [adc counts]

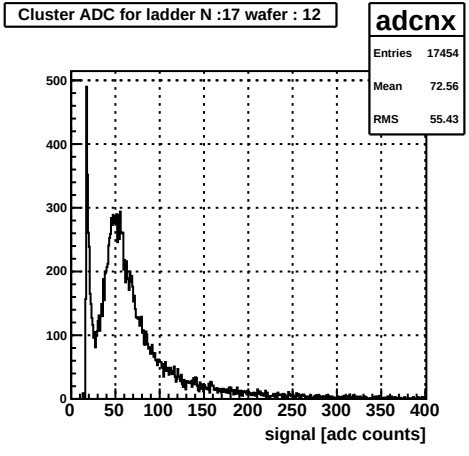

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 10274
Mean 65.88
RMS 54.88
signal [adc counts]

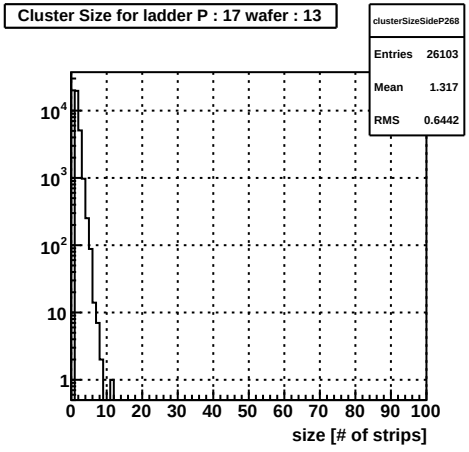

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 53974
Mean 1.266
RMS 0.6253
size [# of strips]

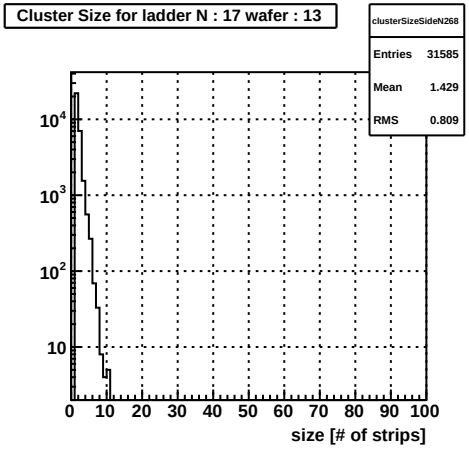

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 17454
Mean 1.548
RMS 0.789
size [# of strips]

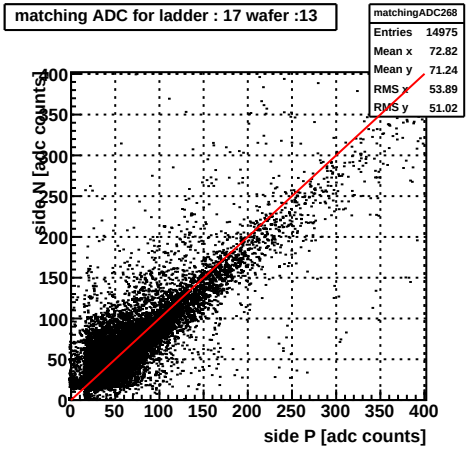

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 13517
Mean x 67.67
Mean y 72.88
RMS x 51.5
RMS y 54.59
side N [adc counts]
side P [adc counts]

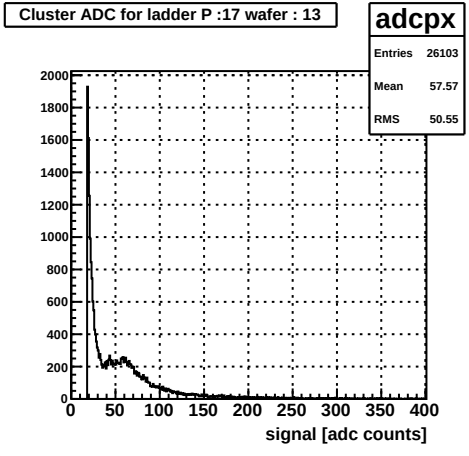

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 53974
Mean 42.56
RMS 37.32
signal [adc counts]

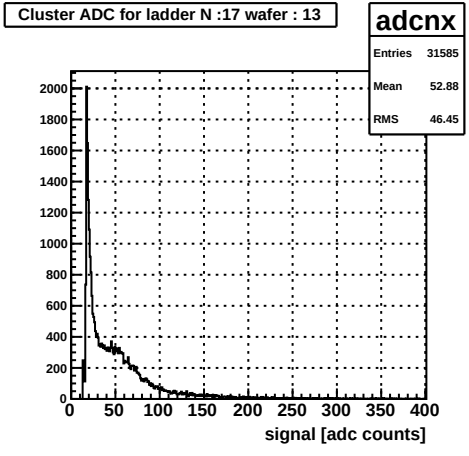

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 17454
Mean 72.56
RMS 55.43
signal [adc counts]

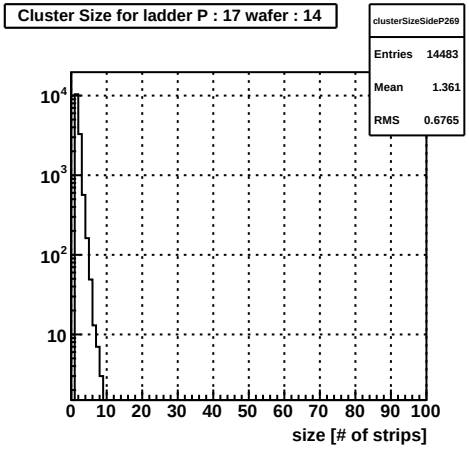

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 26103
Mean 1.317
RMS 0.6442
size [# of strips]

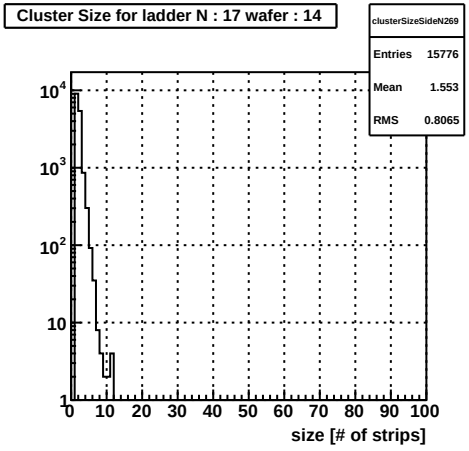

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 31585
Mean 1.429
RMS 0.809
size [# of strips]

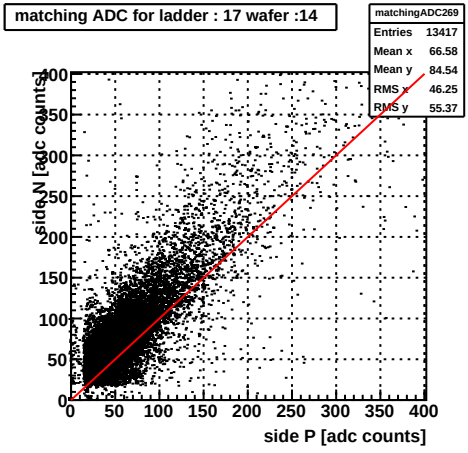

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 14975
Mean x 72.82
Mean y 71.24
RMS x 53.89
RMS y 51.02
side N [adc counts]
side P [adc counts]

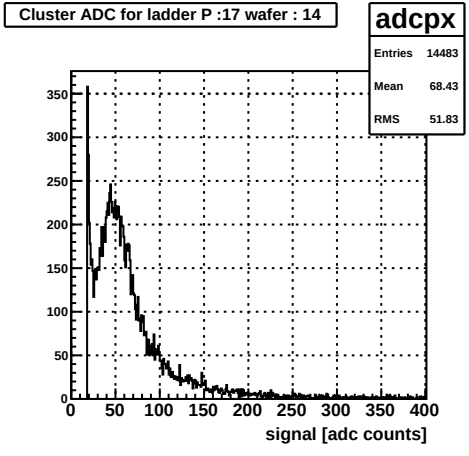

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 26103
Mean 57.57
RMS 50.55
signal [adc counts]

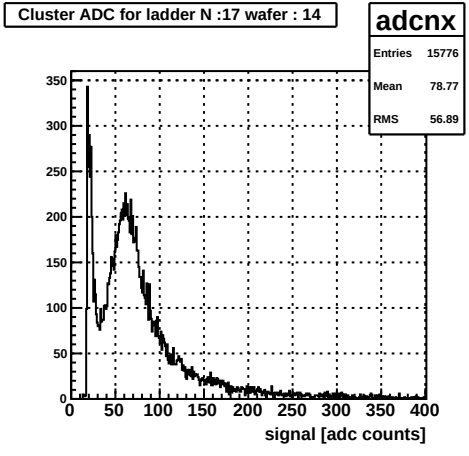

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 31585
Mean 52.88
RMS 46.45
signal [adc counts]

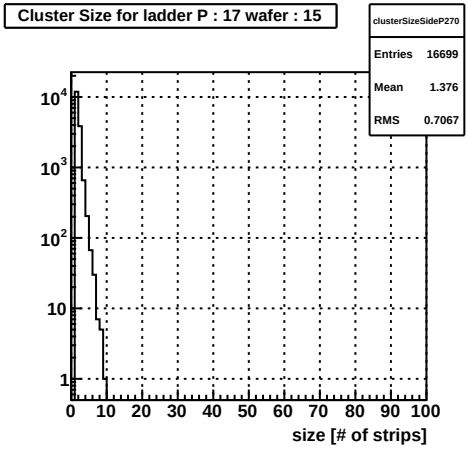

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 14483
Mean 1.361
RMS 0.6765
size [# of strips]

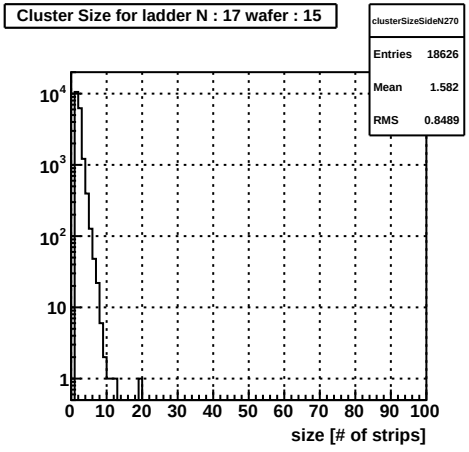

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 15776
Mean 1.553
RMS 0.8065
size [# of strips]

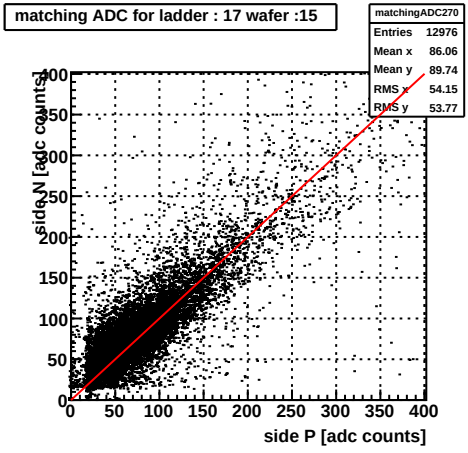

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 13417
Mean x 66.58
Mean y 84.54
RMS x 46.25
RMS y 55.37
side N [adc counts]
side P [adc counts]

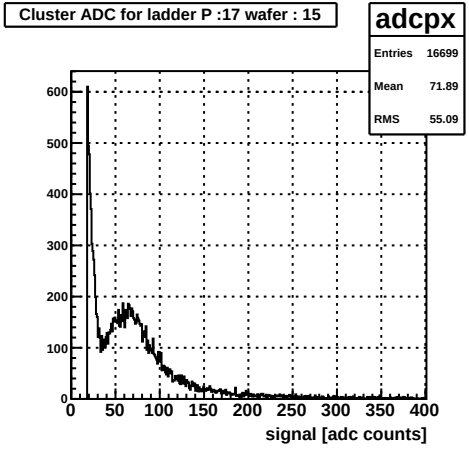

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 14483
Mean 68.43
RMS 51.83
signal [adc counts]

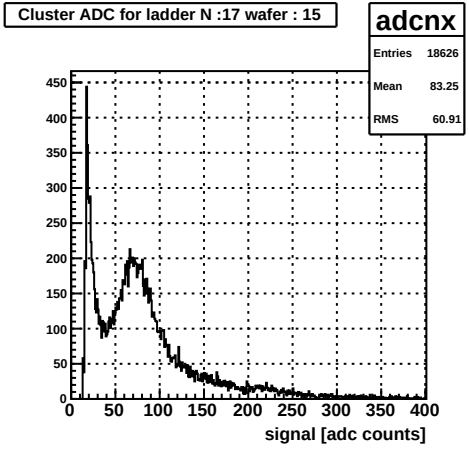

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 15776
Mean 78.77
RMS 56.89
signal [adc counts]

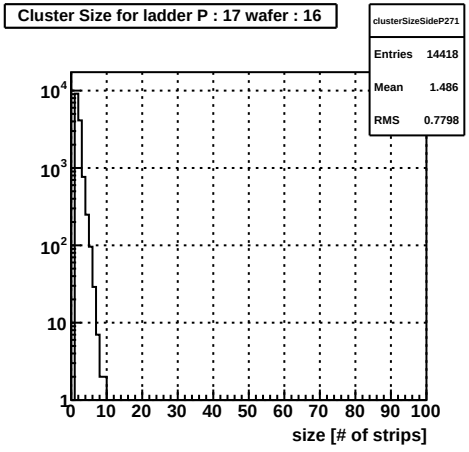

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 16699
Mean 1.376
RMS 0.7067
size [# of strips]

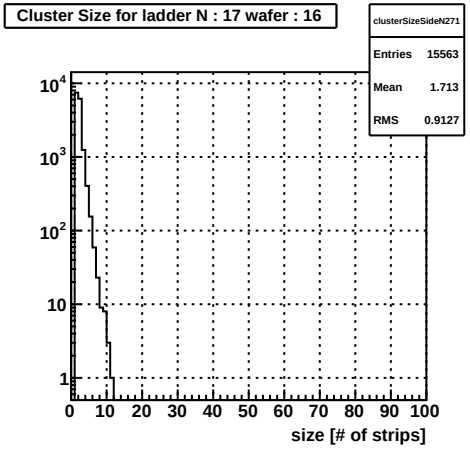

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 18626
Mean 1.582
RMS 0.8489
size [# of strips]

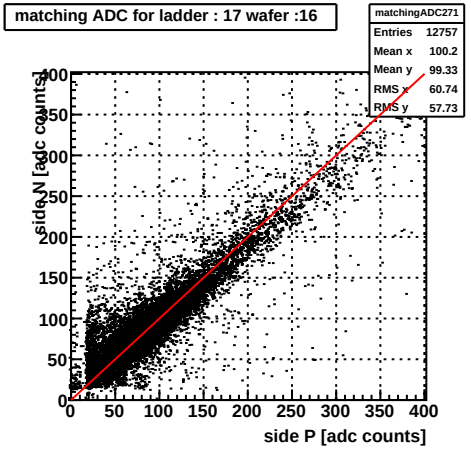

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 12976
Mean x 86.06
Mean y 89.74
RMS x 54.15
RMS y 53.77
side N [adc counts]
side P [adc counts]

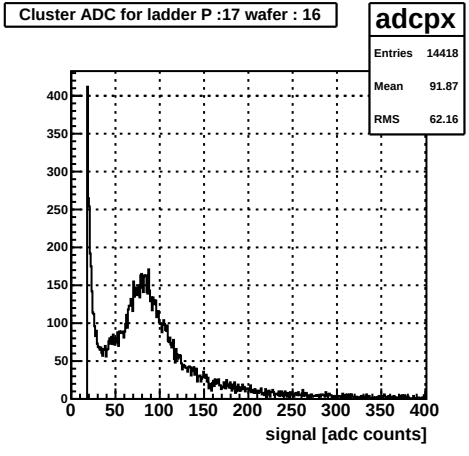

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 16699
Mean 71.89
RMS 55.09
signal [adc counts]

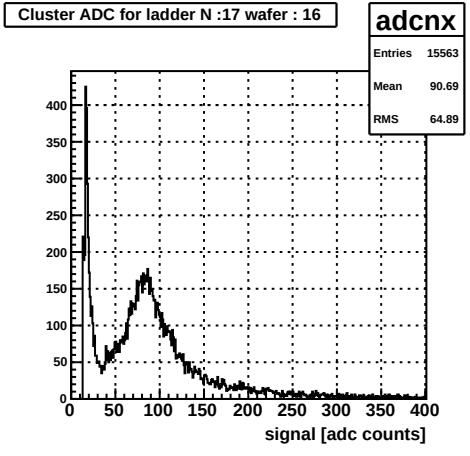

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 18626
Mean 83.25
RMS 60.91
signal [adc counts]

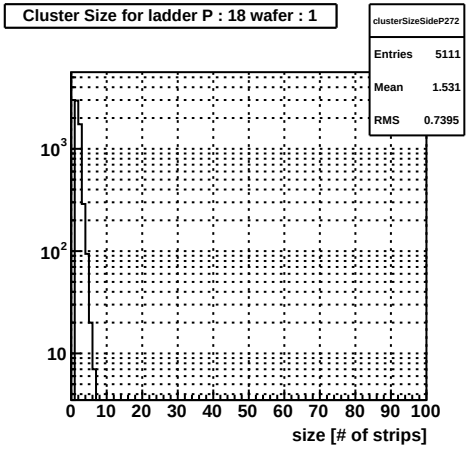

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 14418
Mean 1.486
RMS 0.7798
size [# of strips]

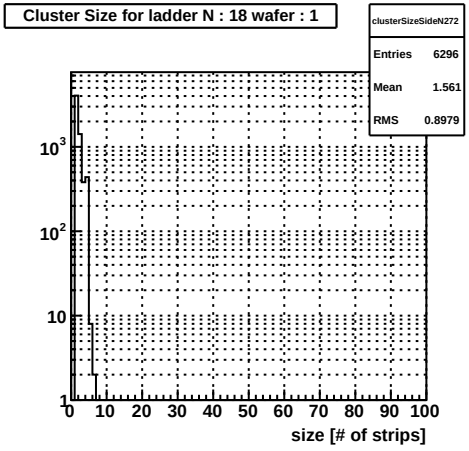

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 15563
Mean 1.713
RMS 0.9127
size [# of strips]

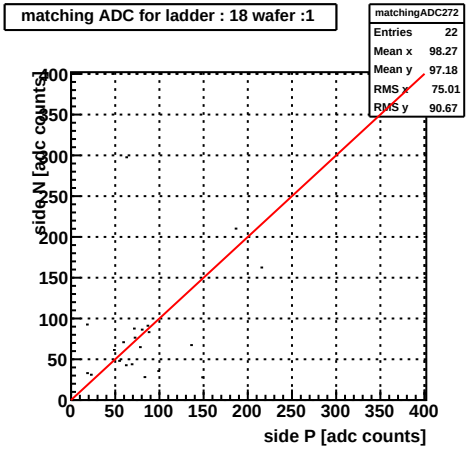

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 12757
Mean x 100.2
Mean y 99.33
RMS x 60.74
RMS y 57.73
side N [adc counts]
side P [adc counts]

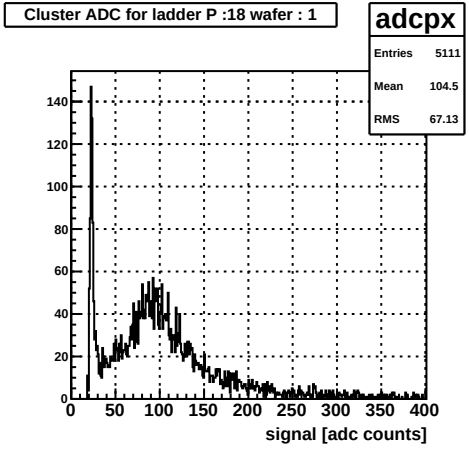

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 14418
Mean 91.87
RMS 62.16
signal [adc counts]

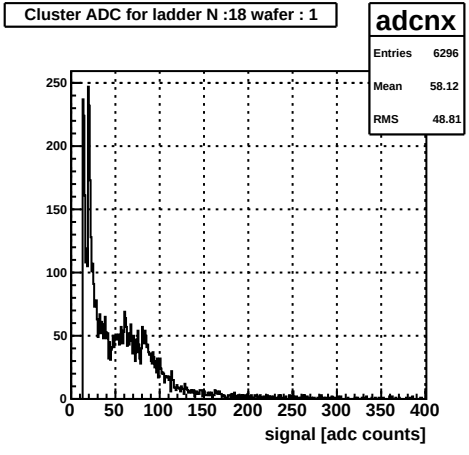

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 15563
Mean 90.69
RMS 64.89
signal [adc counts]

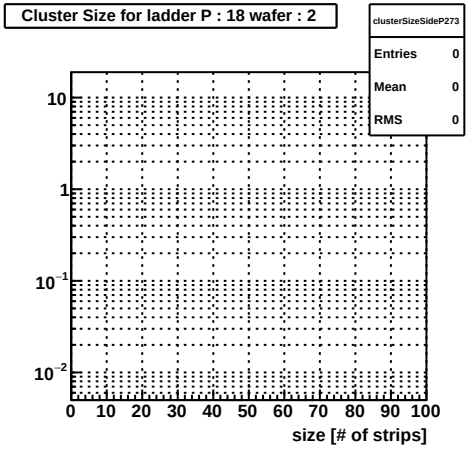

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 5111
Mean 1.531
RMS 0.7395
size [# of strips]

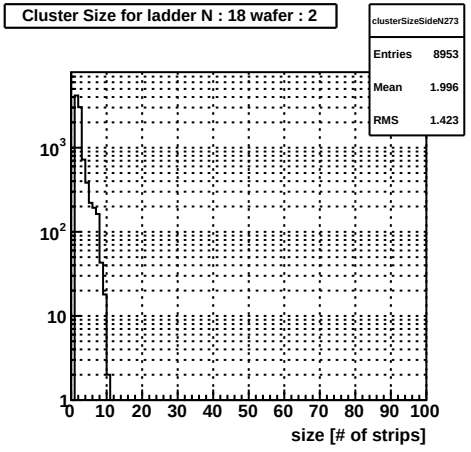

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 6296
Mean 1.561
RMS 0.8979
size [# of strips]

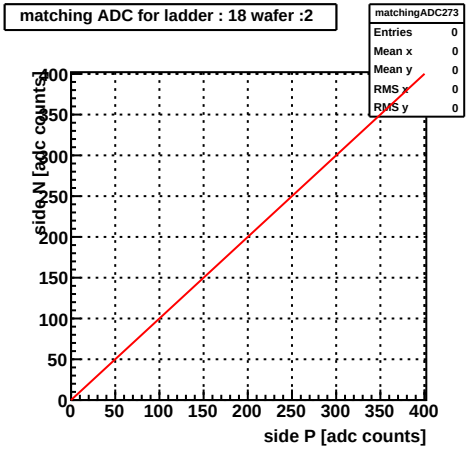

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 22
Mean x 98.27
Mean y 97.18
RMS x 75.01
RMS y 90.67
side N [adc counts]
side P [adc counts]

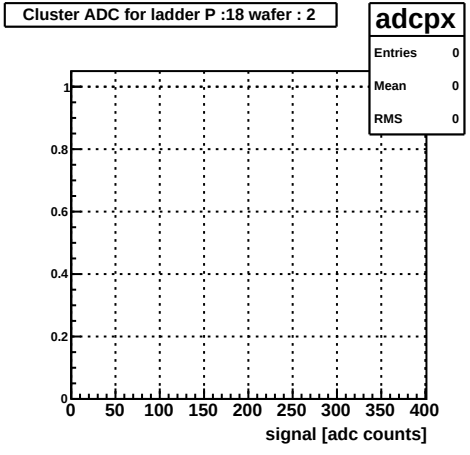

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 5111
Mean 104.5
RMS 67.13
signal [adc counts]

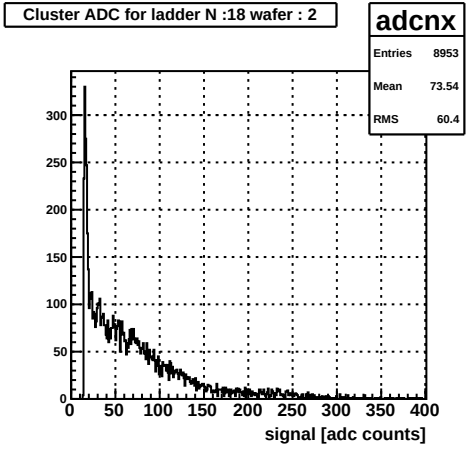

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 6296
Mean 58.12
RMS 48.81
signal [adc counts]

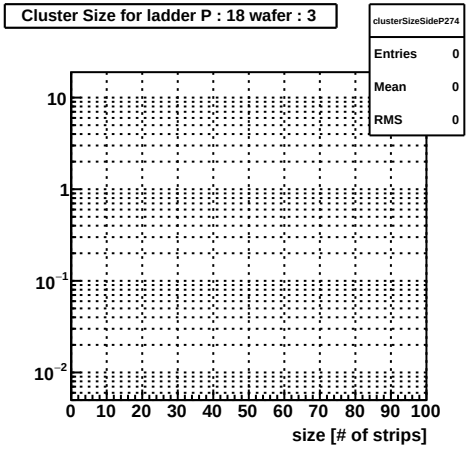

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

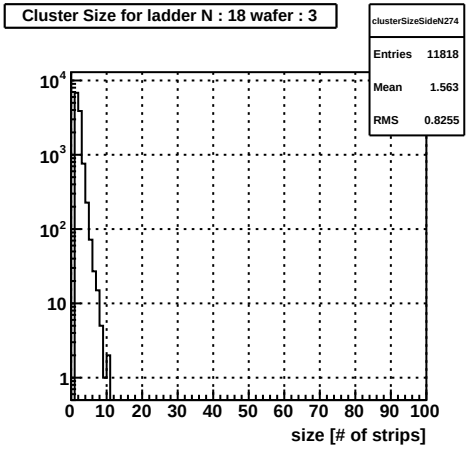

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 8953
Mean 1.996
RMS 1.423
size [# of strips]

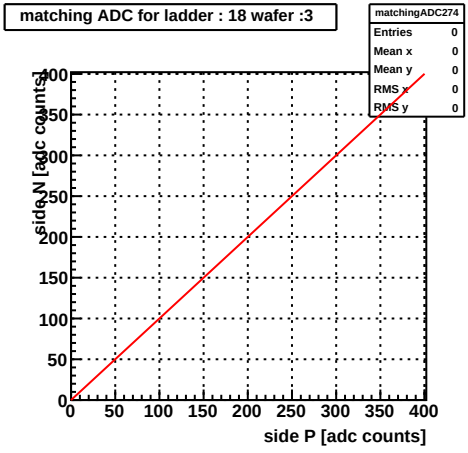

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

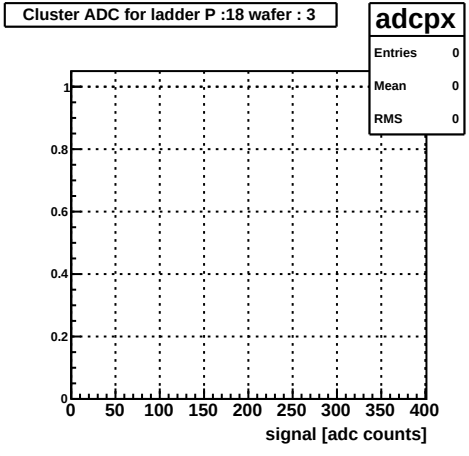

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

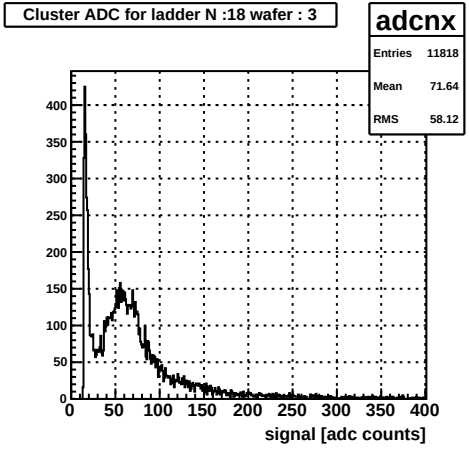

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 8953
Mean 73.54
RMS 60.4
signal [adc counts]

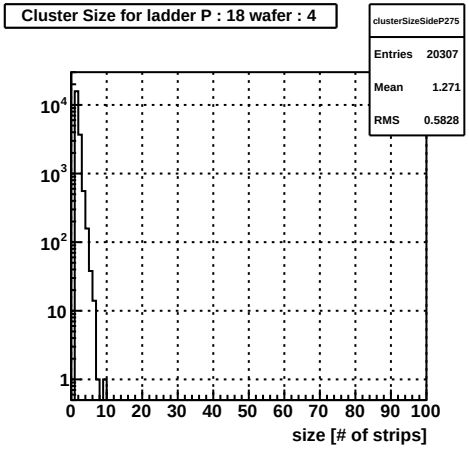

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

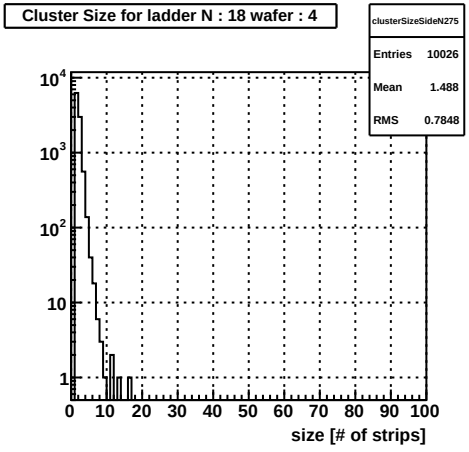

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 11818
Mean 1.563
RMS 0.8255
size [# of strips]

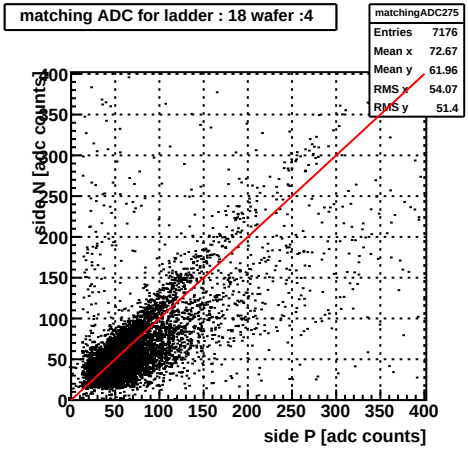

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

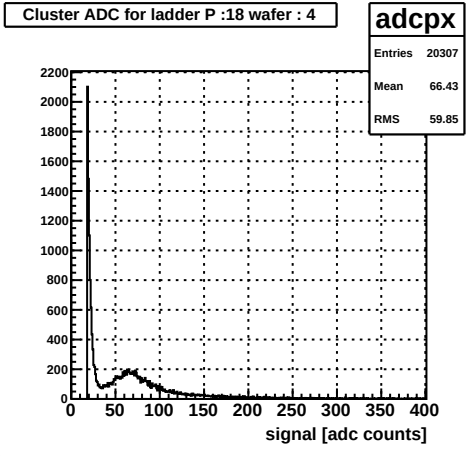

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

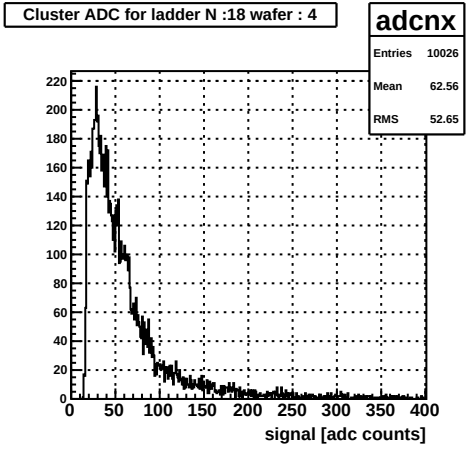

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 11818
Mean 71.64
RMS 58.12
signal [adc counts]

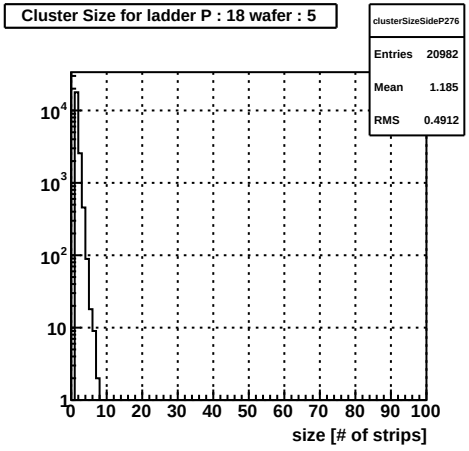

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 20307
Mean 1.271
RMS 0.5828
size [# of strips]

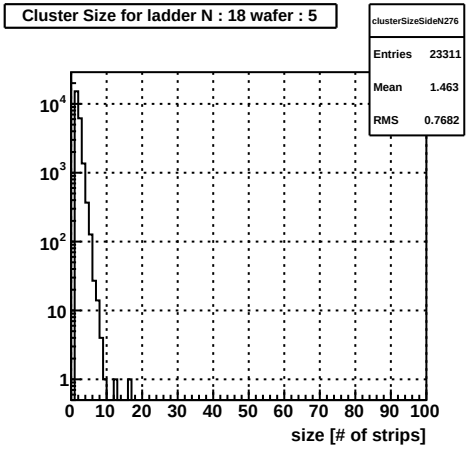

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 10026
Mean 1.488
RMS 0.7848
size [# of strips]

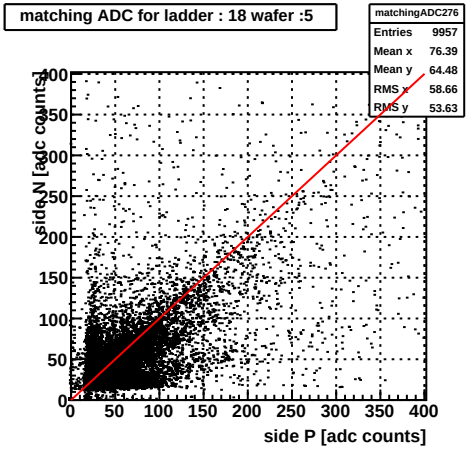

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 7176
Mean x 72.67
Mean y 61.96
RMS x 54.07
RMS y 51.4
side N [adc counts]
side P [adc counts]

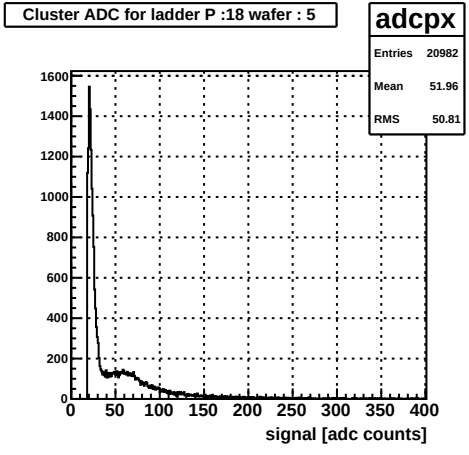

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 20307
Mean 66.43
RMS 59.85
signal [adc counts]

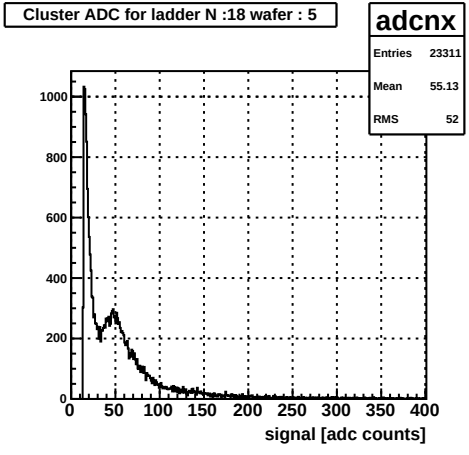

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 10026
Mean 62.56
RMS 52.65
signal [adc counts]

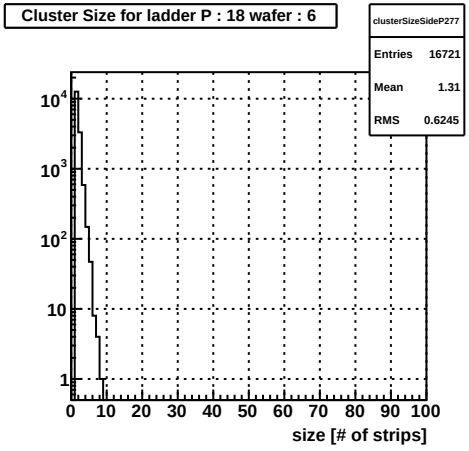

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 20982
Mean 1.185
RMS 0.4912
size [# of strips]

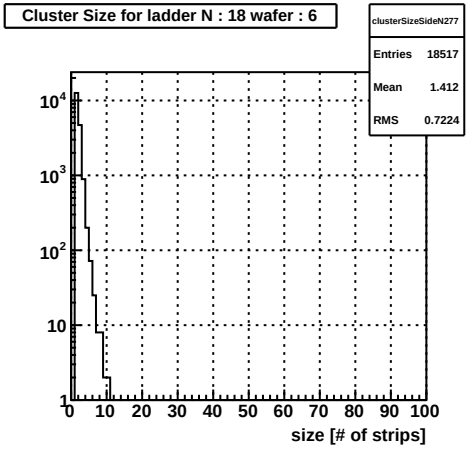

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 23311
Mean 1.463
RMS 0.7682
size [# of strips]

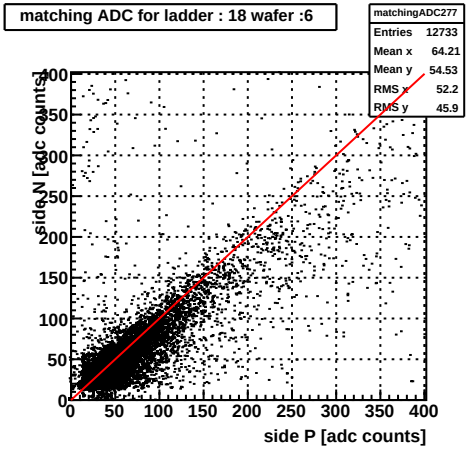

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 9957
Mean x 76.39
Mean y 64.48
RMS x 58.66
RMS y 53.63
side N [adc counts]
side P [adc counts]

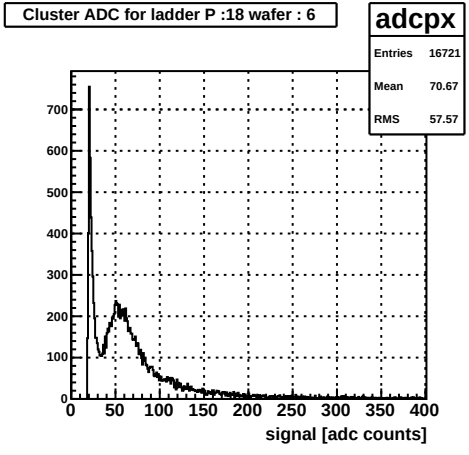

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 20982
Mean 51.96
RMS 50.81
signal [adc counts]

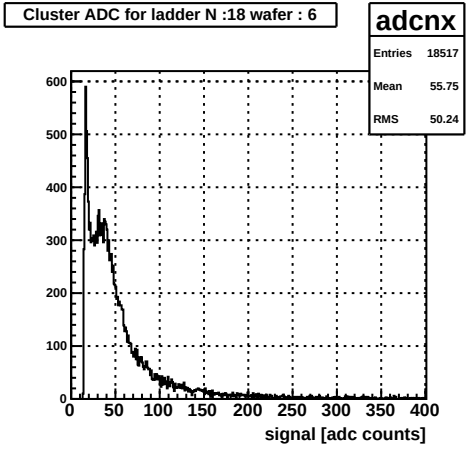

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 23311
Mean 55.13
RMS 52
signal [adc counts]

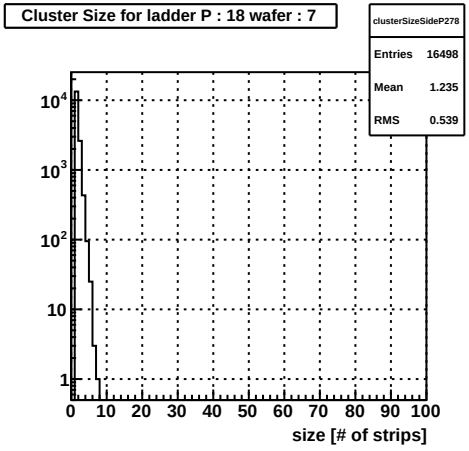

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 16721
Mean 1.31
RMS 0.6245
size [# of strips]

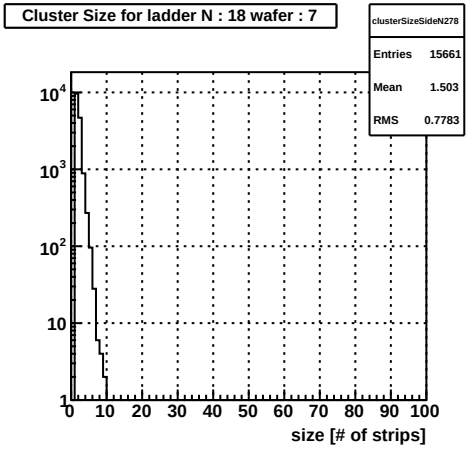

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 18517
Mean 1.412
RMS 0.7224
size [# of strips]

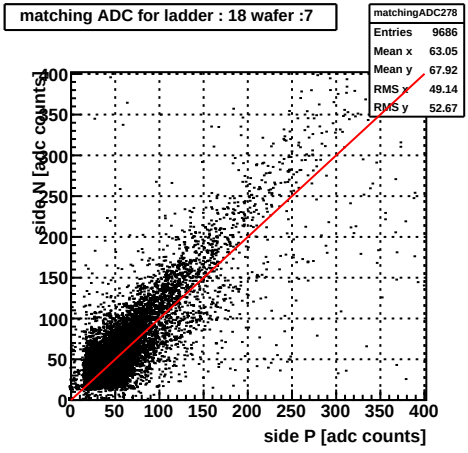

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 12733
Mean x 64.21
Mean y 54.53
RMS x 52.2
RMS y 45.9
side N [adc counts]
side P [adc counts]

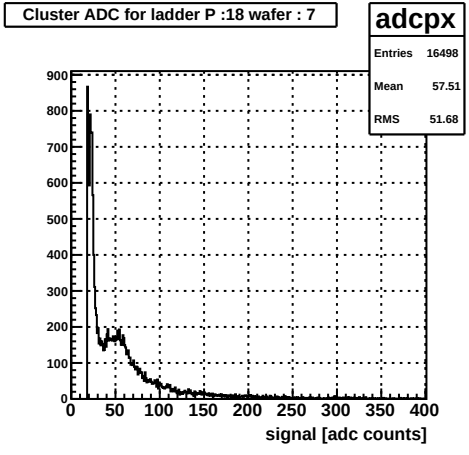

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 16721
Mean 70.67
RMS 57.57
signal [adc counts]

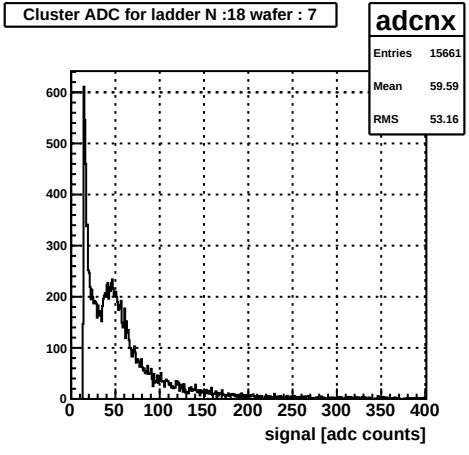

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 18517
Mean 55.75
RMS 50.24
signal [adc counts]

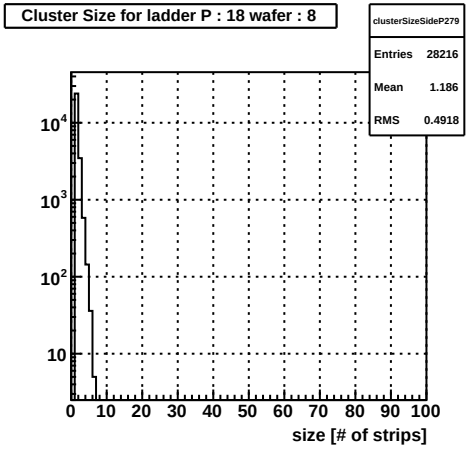

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 16498
Mean 1.235
RMS 0.539
size [# of strips]

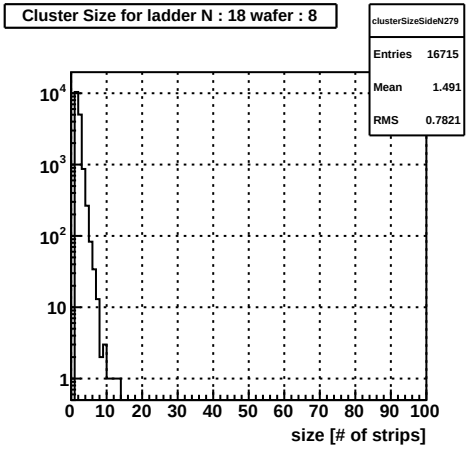

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 15661
Mean 1.503
RMS 0.7783
size [# of strips]

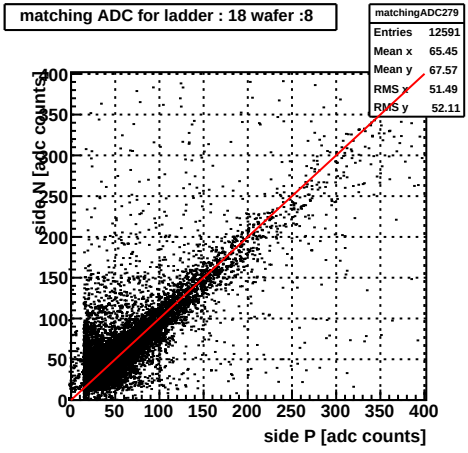

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 9686
Mean x 63.05
Mean y 67.92
RMS x 49.14
RMS y 52.67
side N [adc counts]
side P [adc counts]

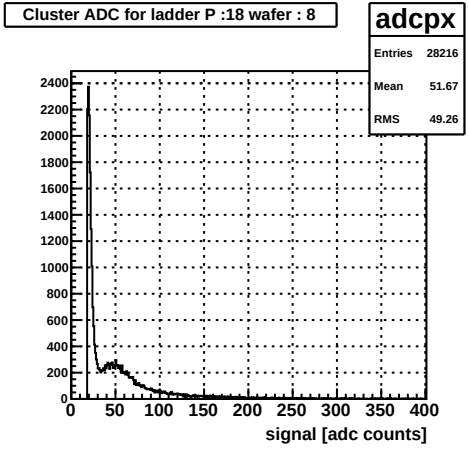

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 16498
Mean 57.51
RMS 51.68
signal [adc counts]

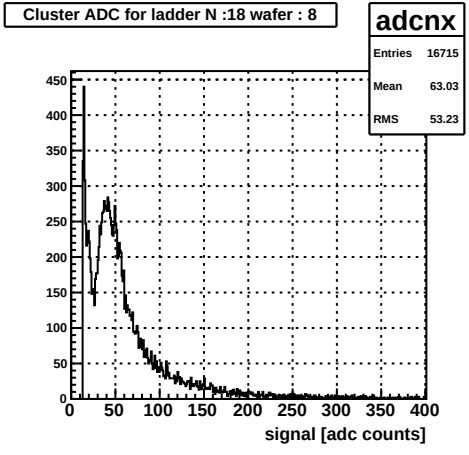

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 15661
Mean 59.59
RMS 53.16
signal [adc counts]

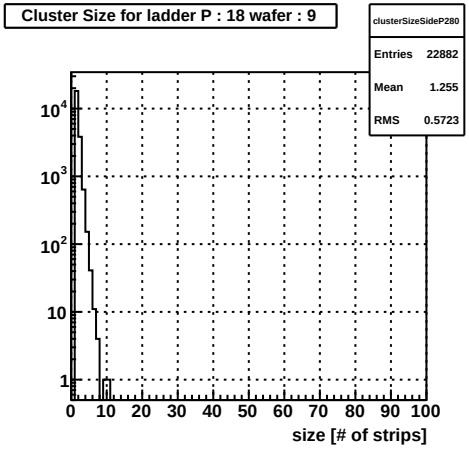

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 28216
Mean 1.186
RMS 0.4918
size [# of strips]

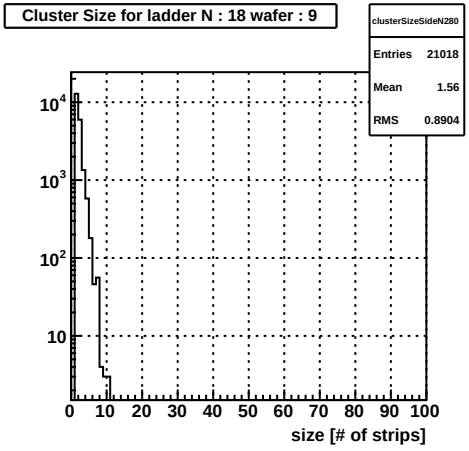

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 16715
Mean 1.491
RMS 0.7821
size [# of strips]

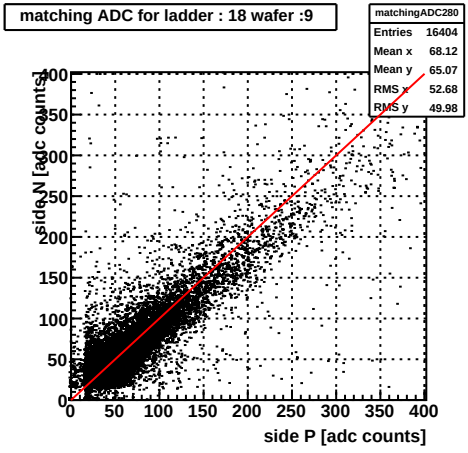

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 12591
Mean x 65.45
Mean y 67.57
RMS x 51.49
RMS y 52.11
side N [adc counts]
side P [adc counts]

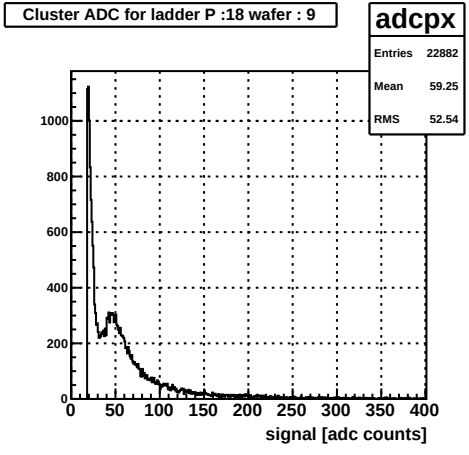

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 28216
Mean 51.67
RMS 49.26
signal [adc counts]

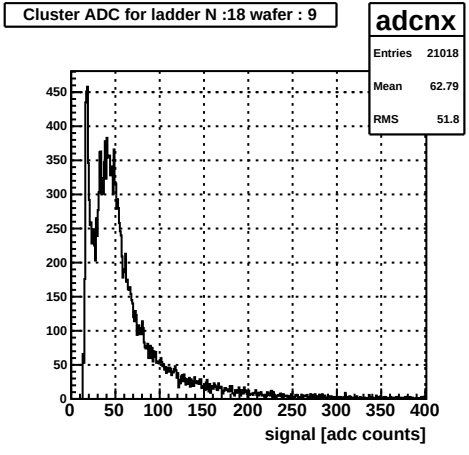

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 16715
Mean 63.03
RMS 53.23
signal [adc counts]

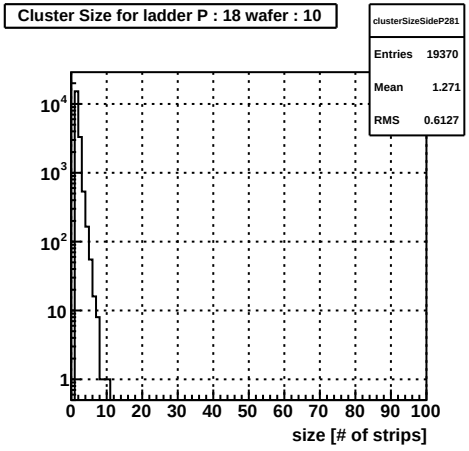

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 22882
Mean 1.255
RMS 0.5723
size [# of strips]

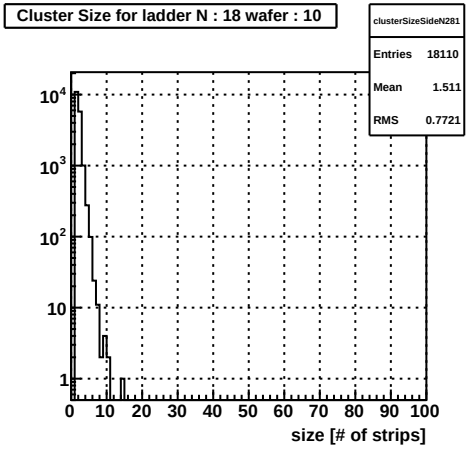

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 21018
Mean 1.56
RMS 0.8904
size [# of strips]

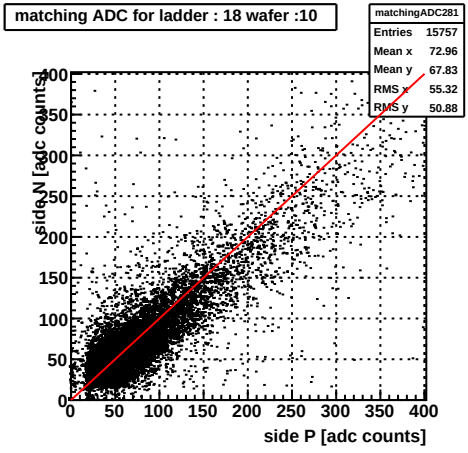

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 16404
Mean x 68.12
Mean y 65.07
RMS x 52.68
RMS y 49.98
side N [adc counts]
side P [adc counts]

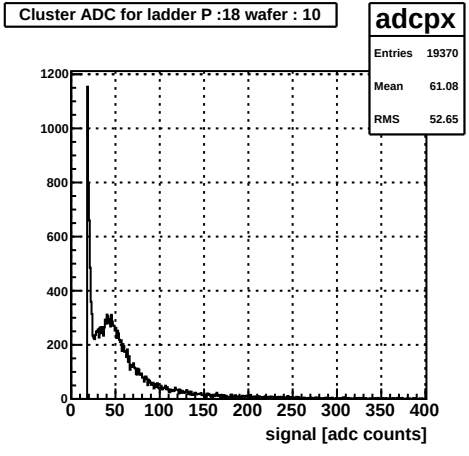

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 22882
Mean 59.25
RMS 52.54
signal [adc counts]

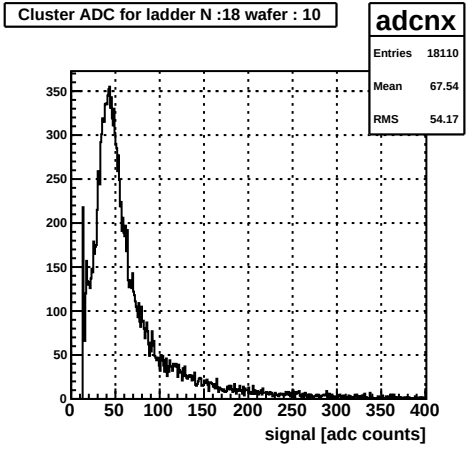

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 21018
Mean 62.79
RMS 51.8
signal [adc counts]

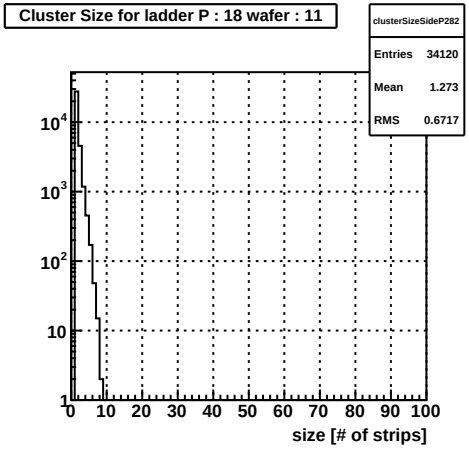

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 19370
Mean 1.271
RMS 0.6127
size [# of strips]

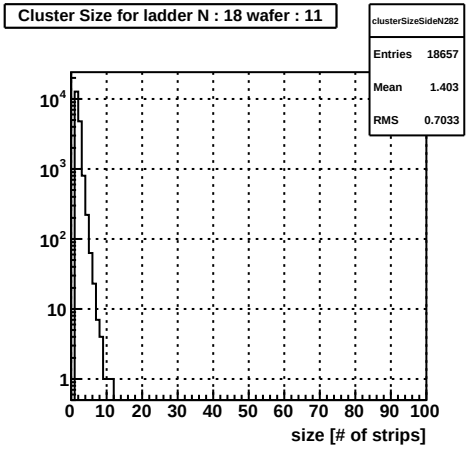

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 18110
Mean 1.511
RMS 0.7721
size [# of strips]

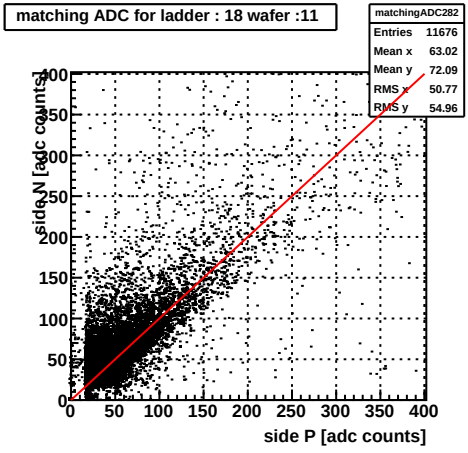

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 15757
Mean x 72.96
Mean y 67.83
RMS x 55.32
RMS y 50.88
side N [adc counts]
side P [adc counts]

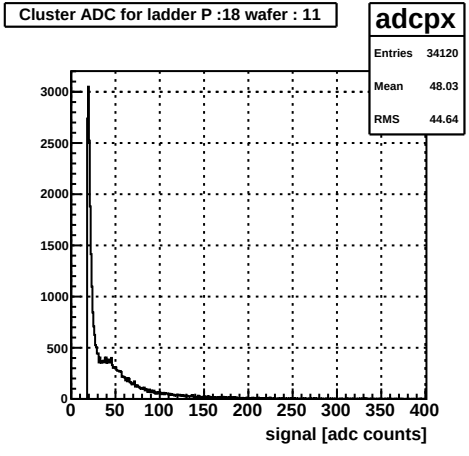

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 19370
Mean 61.08
RMS 52.65
signal [adc counts]

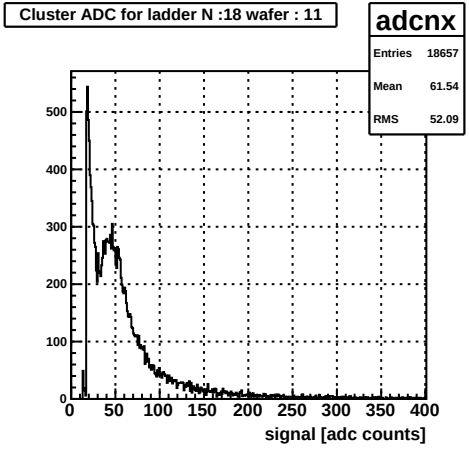

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 18110
Mean 67.54
RMS 54.17
signal [adc counts]

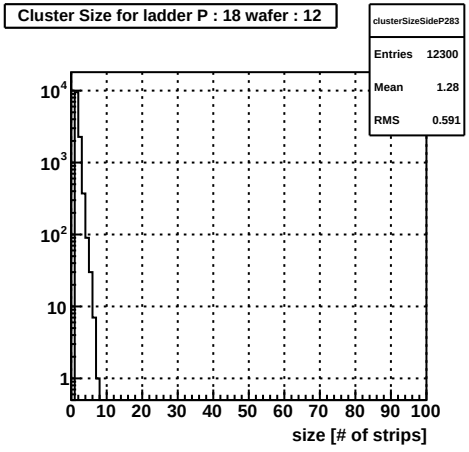

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 34120
Mean 1.273
RMS 0.6717
size [# of strips]

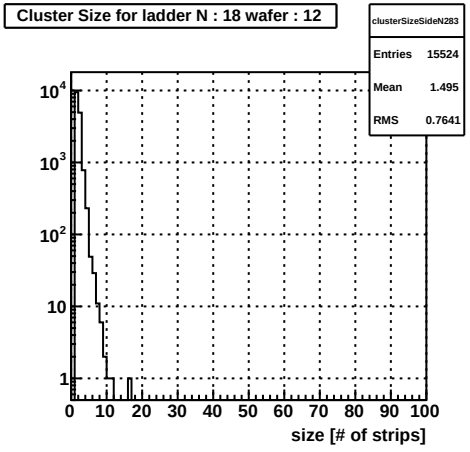

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 18657
Mean 1.403
RMS 0.7033
size [# of strips]

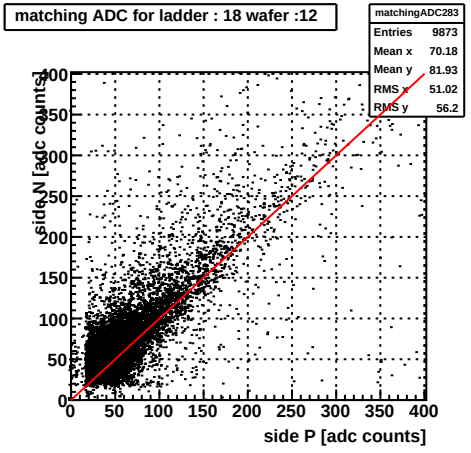

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 11676
Mean x 63.02
Mean y 72.09
RMS x 50.77
RMS y 54.96
side N [adc counts]
side P [adc counts]

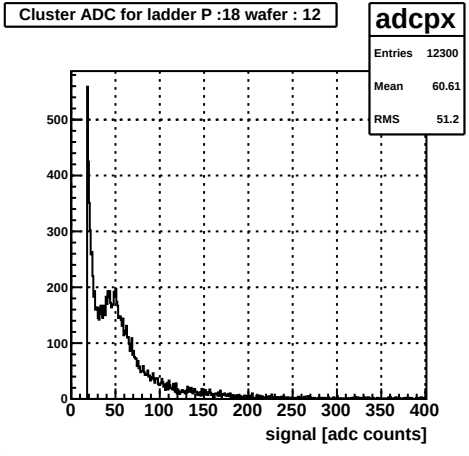

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 34120
Mean 48.03
RMS 44.64
signal [adc counts]

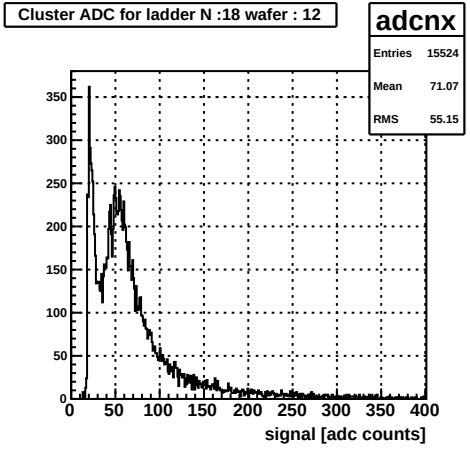

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 18657
Mean 61.54
RMS 52.09
signal [adc counts]

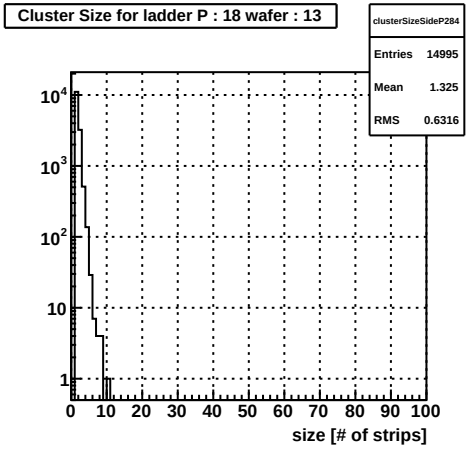

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 12300
Mean 1.28
RMS 0.591
size [# of strips]

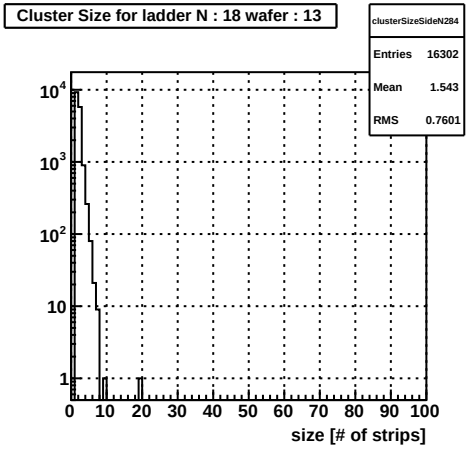

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 15524
Mean 1.495
RMS 0.7641
size [# of strips]

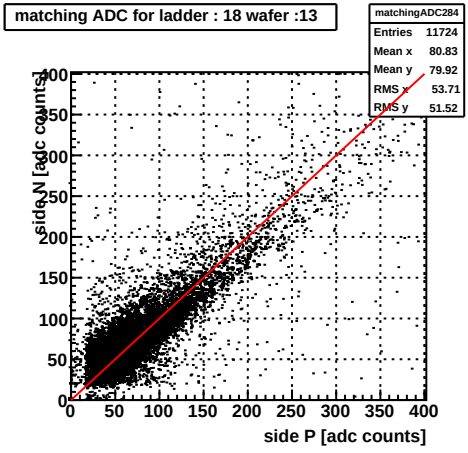

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 9873
Mean x 70.18
Mean y 81.93
RMS x 51.02
RMS y 56.2
side N [adc counts]
side P [adc counts]

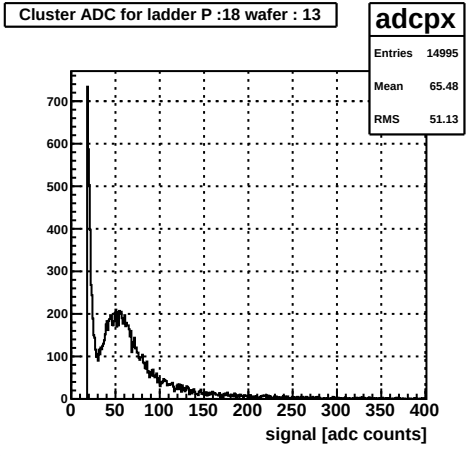

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 12300
Mean 60.61
RMS 51.2
signal [adc counts]

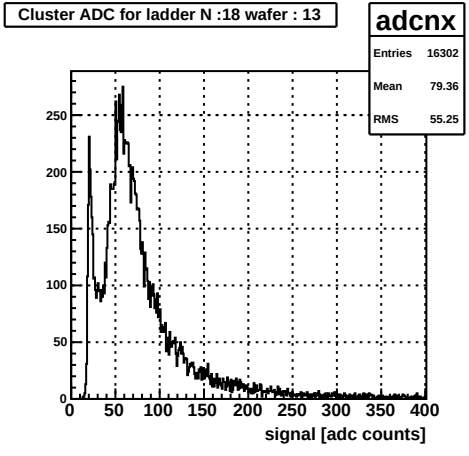

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 15524
Mean 71.07
RMS 55.15
signal [adc counts]

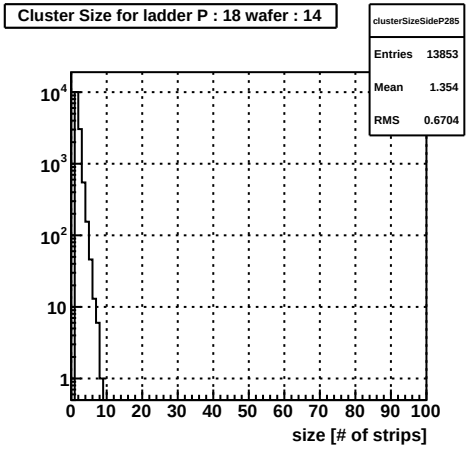

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 14995
Mean 1.325
RMS 0.6316
size [# of strips]

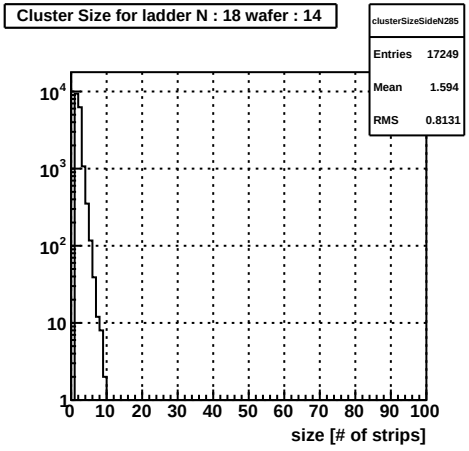

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 16302
Mean 1.543
RMS 0.7601
size [# of strips]

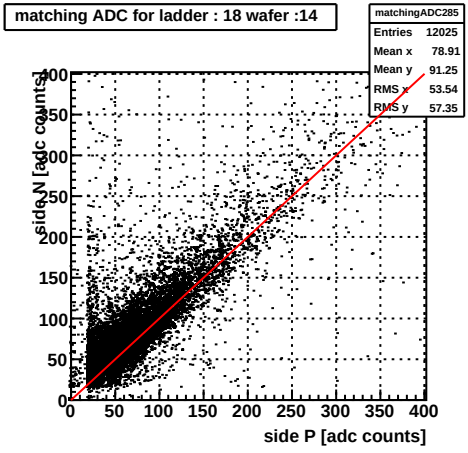

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 11724
Mean x 80.83
Mean y 79.92
RMS x 53.71
RMS y 51.52
side N [adc counts]
side P [adc counts]

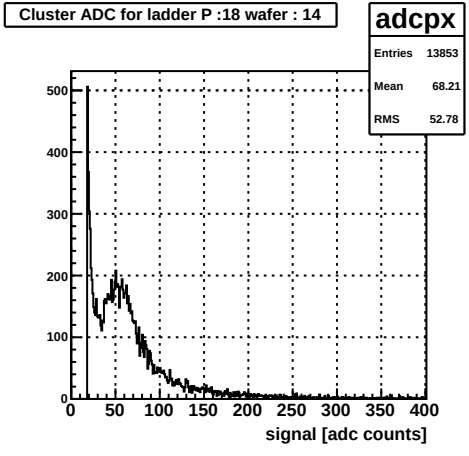

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 14995
Mean 65.48
RMS 51.13
signal [adc counts]

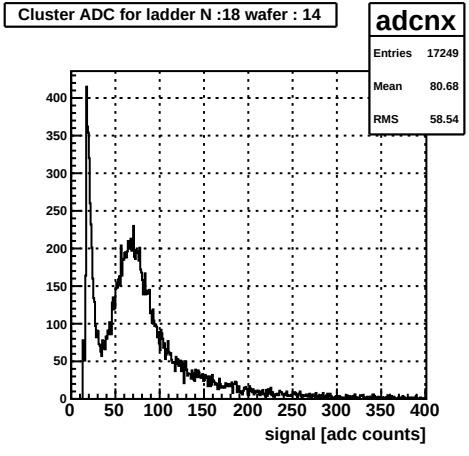

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 16302
Mean 79.36
RMS 55.25
signal [adc counts]

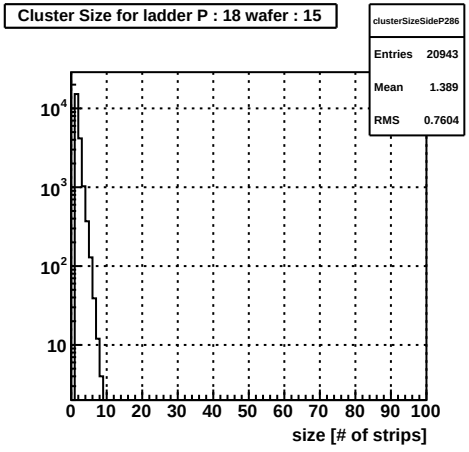

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 13853
Mean 1.354
RMS 0.6704
size [# of strips]

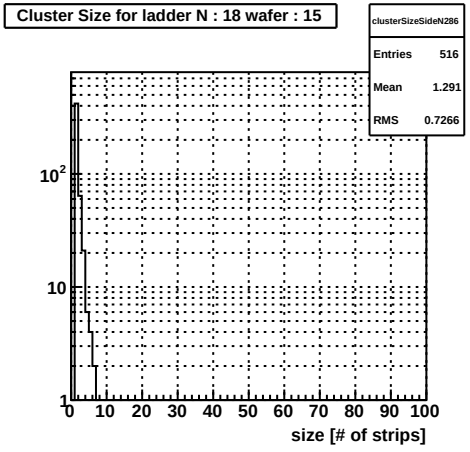

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 17249
Mean 1.594
RMS 0.8131
size [# of strips]

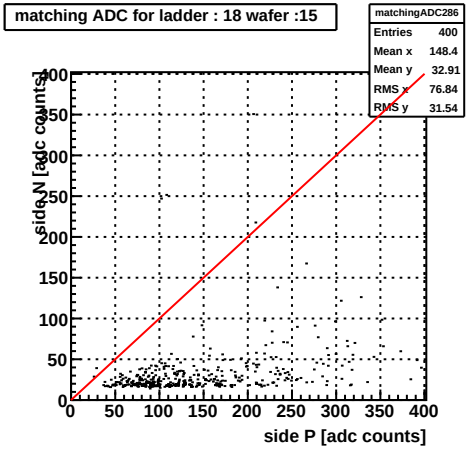

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 12025
Mean x 78.91
Mean y 91.25
RMS x 53.54
RMS y 57.35
side N [adc counts]
side P [adc counts]

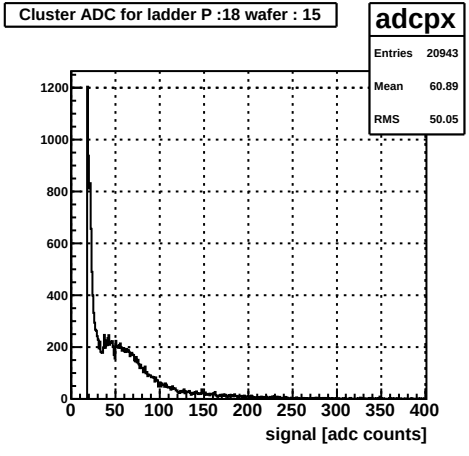

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 13853
Mean 68.21
RMS 52.78
signal [adc counts]

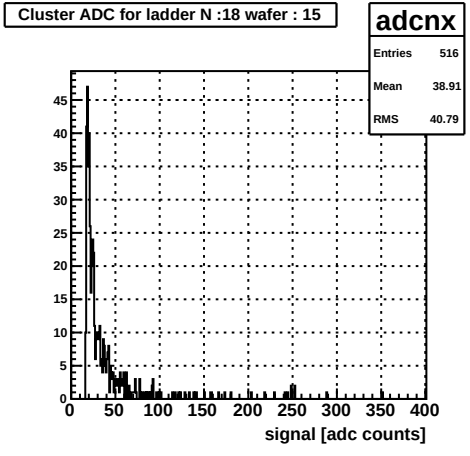

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 17249
Mean 80.68
RMS 58.54
signal [adc counts]

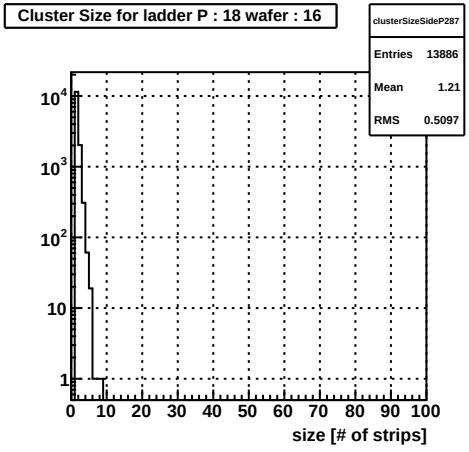

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 20943
Mean 1.389
RMS 0.7604
size [# of strips]

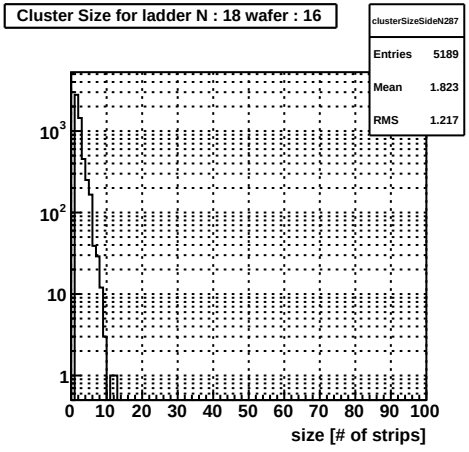

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 516
Mean 1.291
RMS 0.7266
size [# of strips]

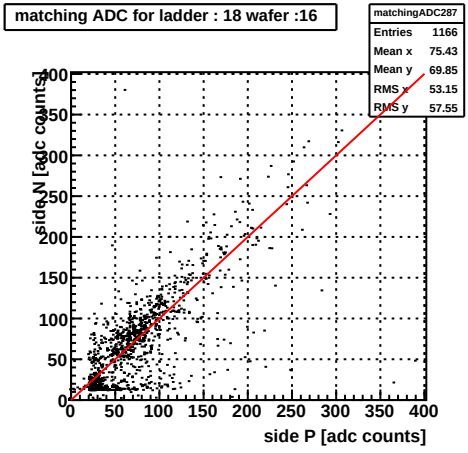

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 400
Mean x 148.4
Mean y 32.91
RMS x 76.84
RMS y 31.54
side N [adc counts]
side P [adc counts]

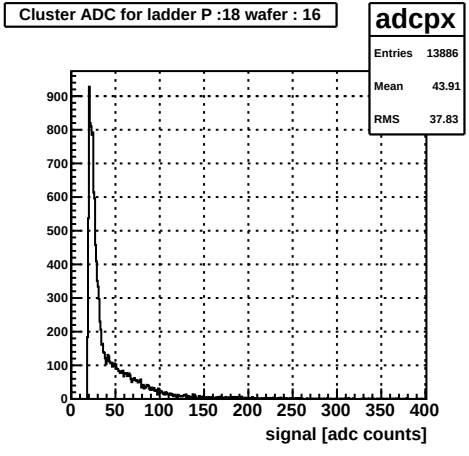

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 20943
Mean 60.89
RMS 50.05
signal [adc counts]

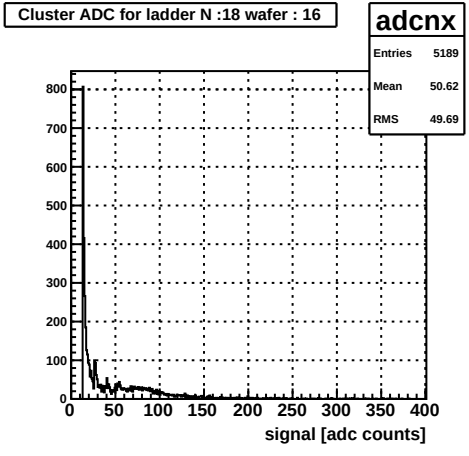

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 516
Mean 38.91
RMS 40.79
signal [adc counts]

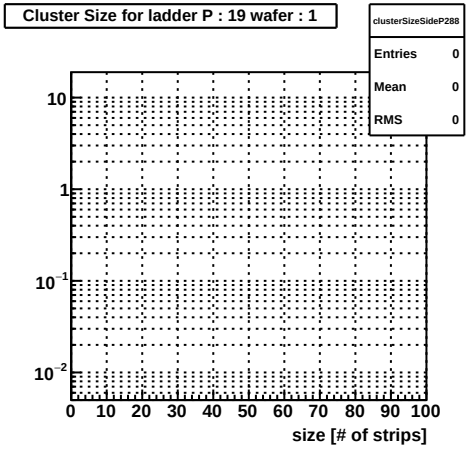

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 13886
Mean 1.21
RMS 0.5097
size [# of strips]

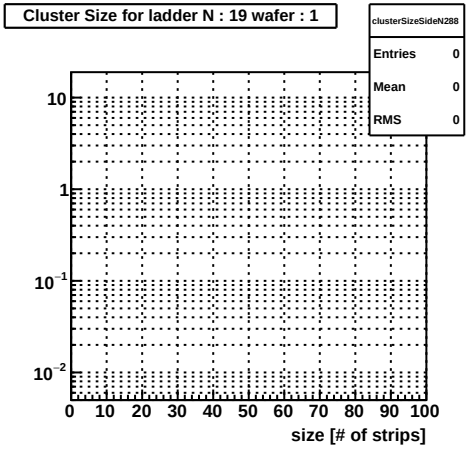

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 5189
Mean 1.823
RMS 1.217
size [# of strips]

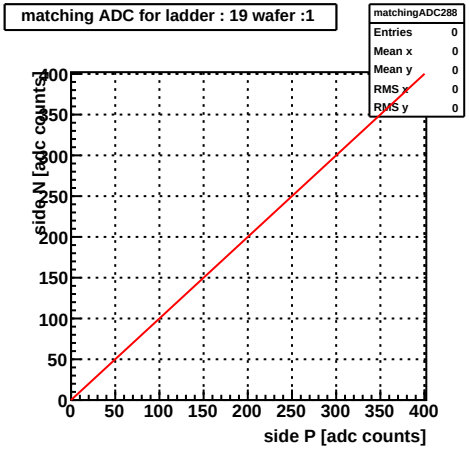

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 1166
Mean x 75.43
Mean y 69.85
RMS x 53.15
RMS y 57.55
side N [adc counts]
side P [adc counts]

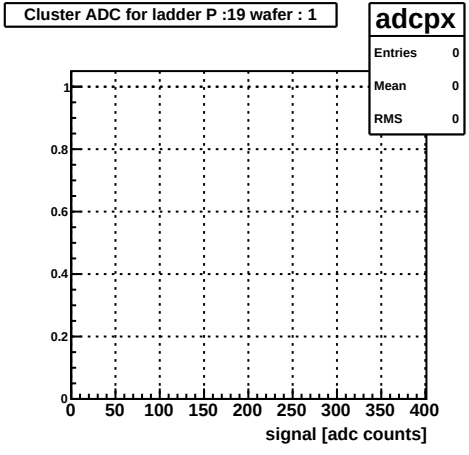

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 13886
Mean 43.91
RMS 37.83
signal [adc counts]

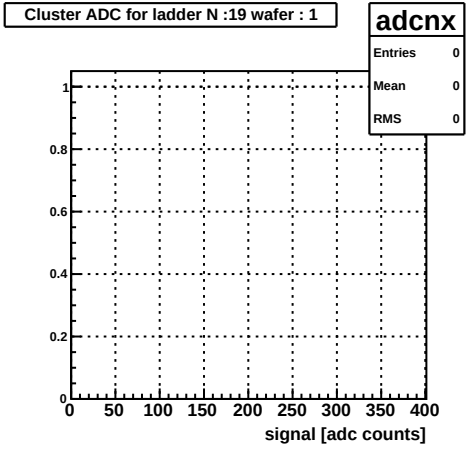

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 5189
Mean 50.62
RMS 49.69
signal [adc counts]

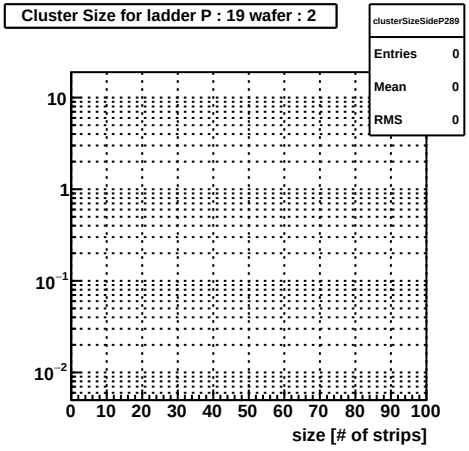

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

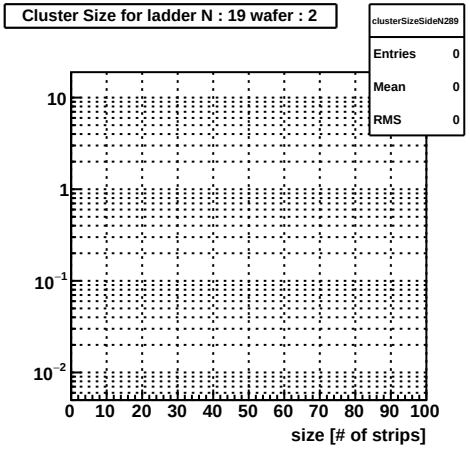

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

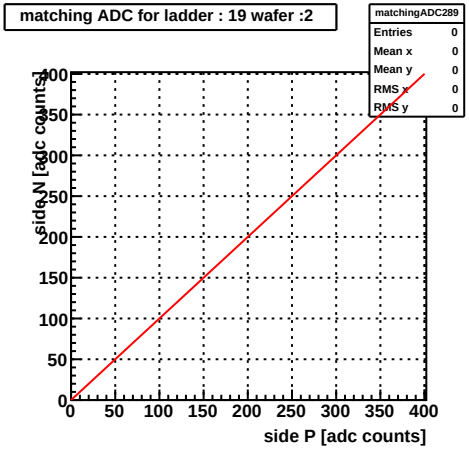

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

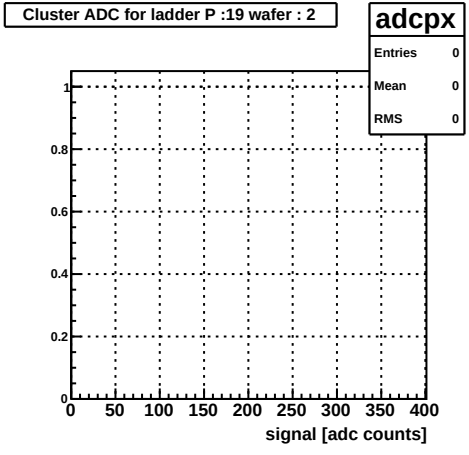

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

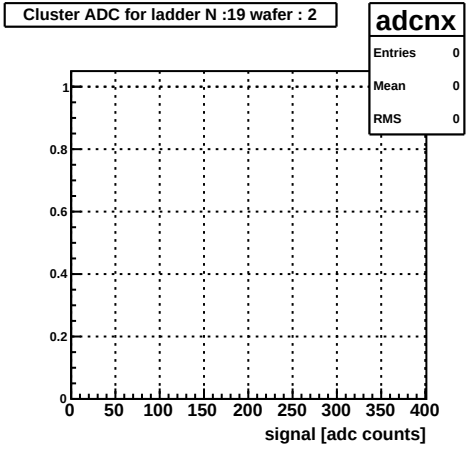

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

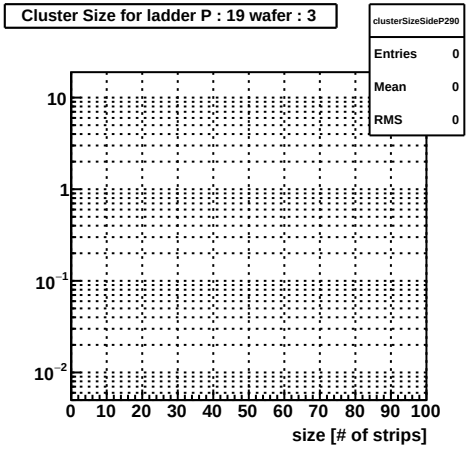

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

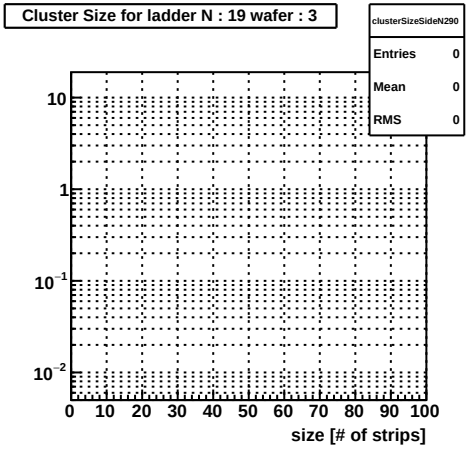

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

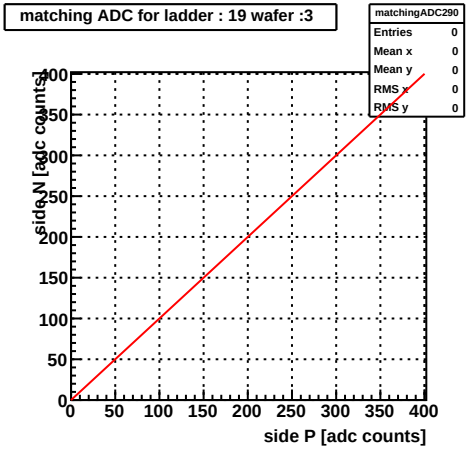

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

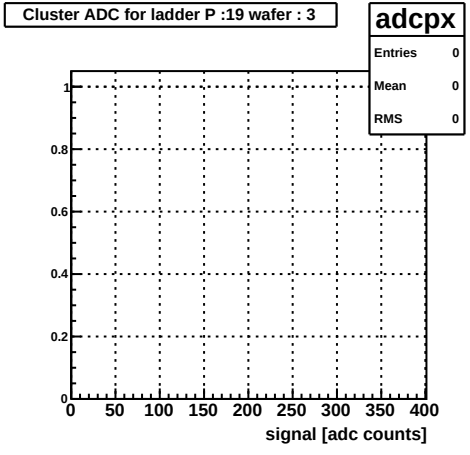

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

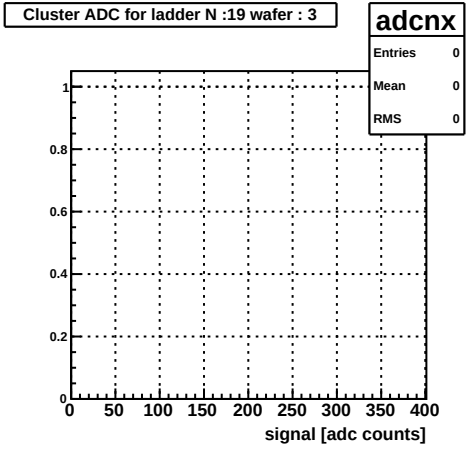

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

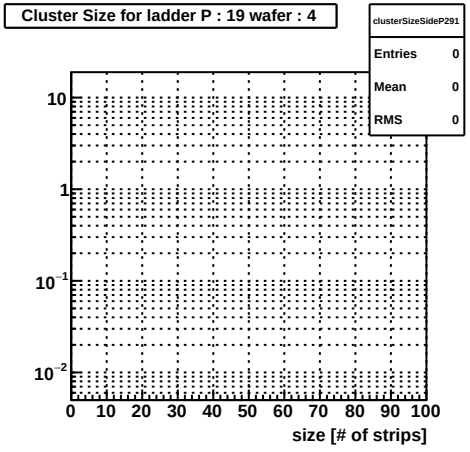

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

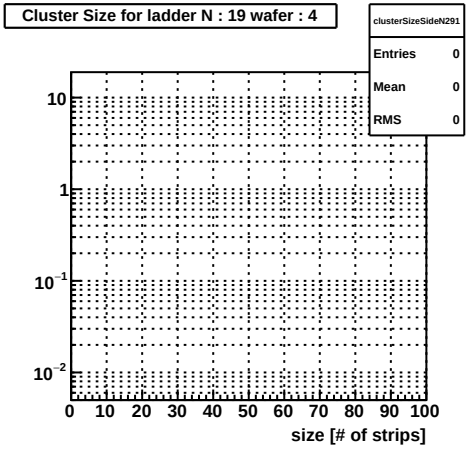

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

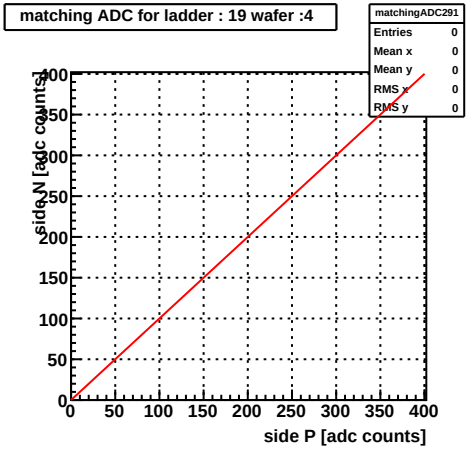

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

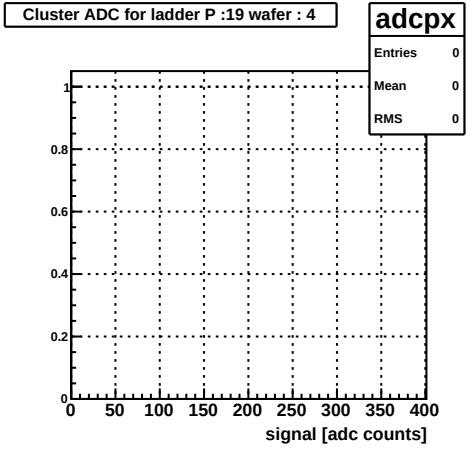

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

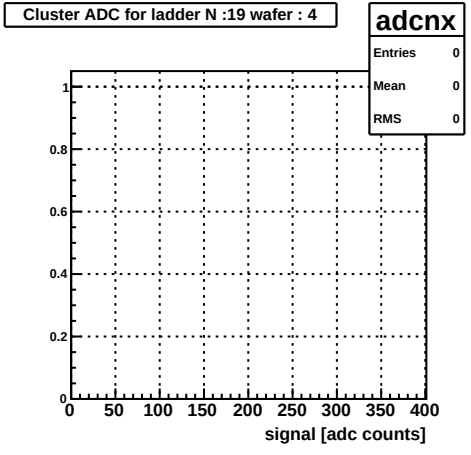

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

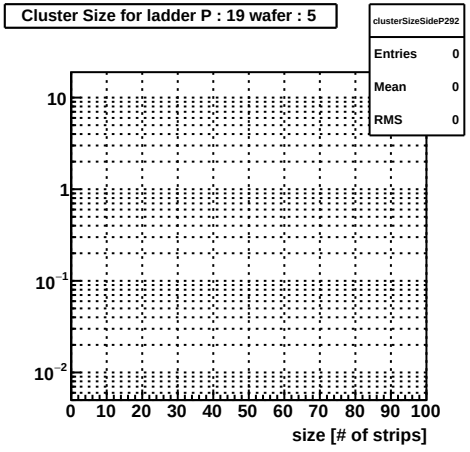

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

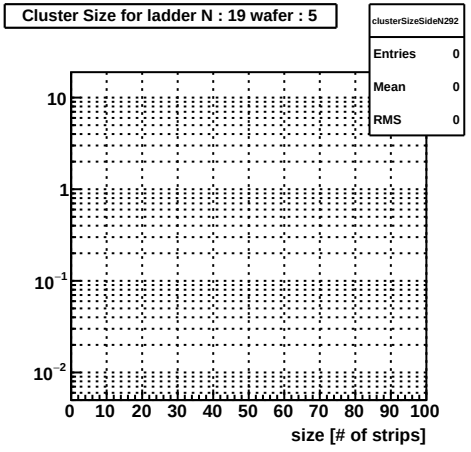

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

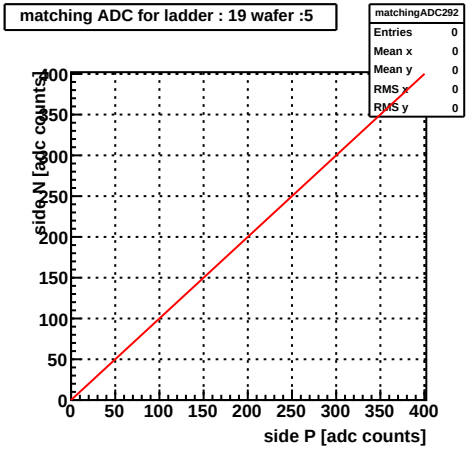

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

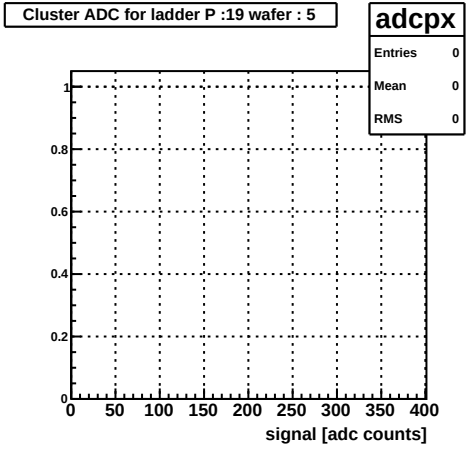

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

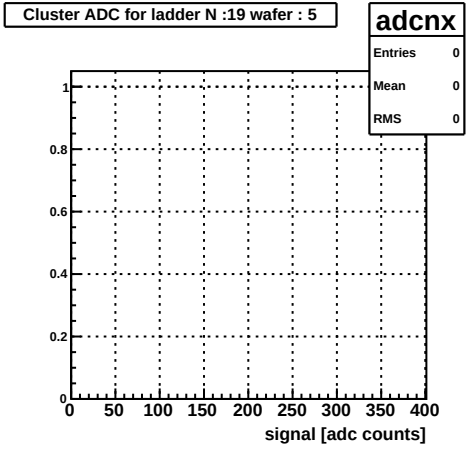

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

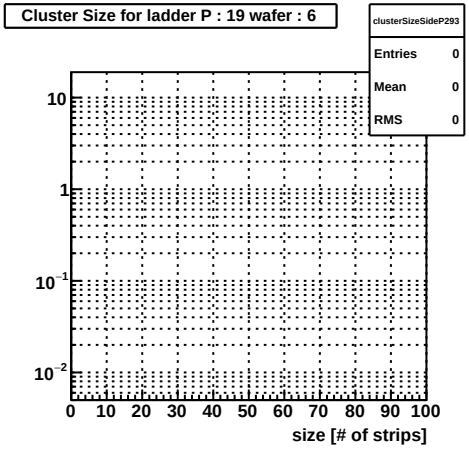

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

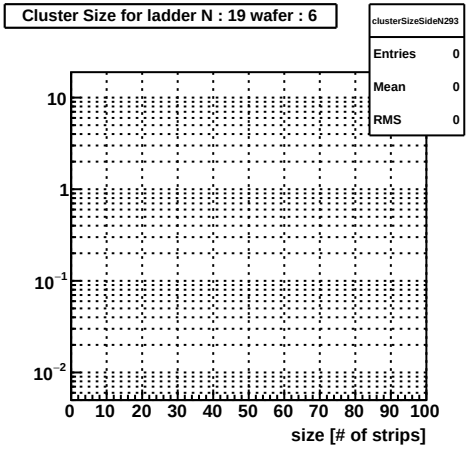

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

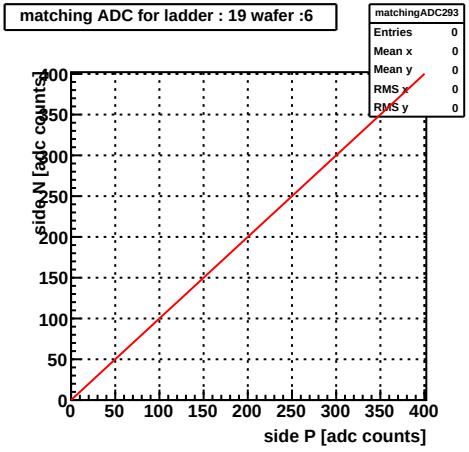

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

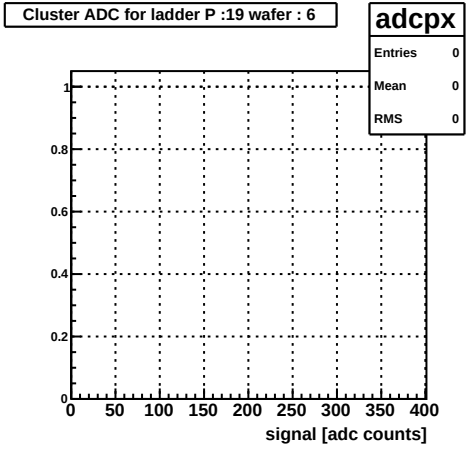

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

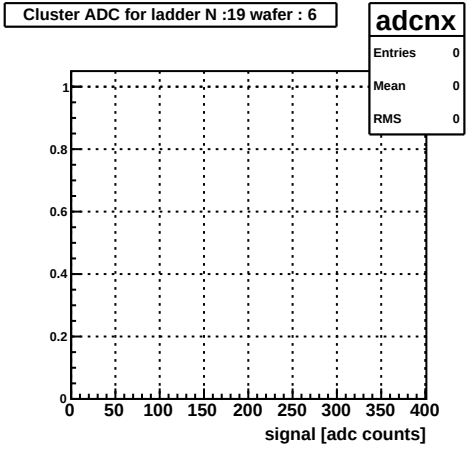

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

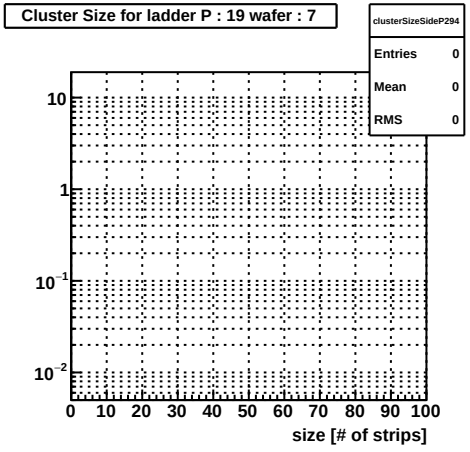

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

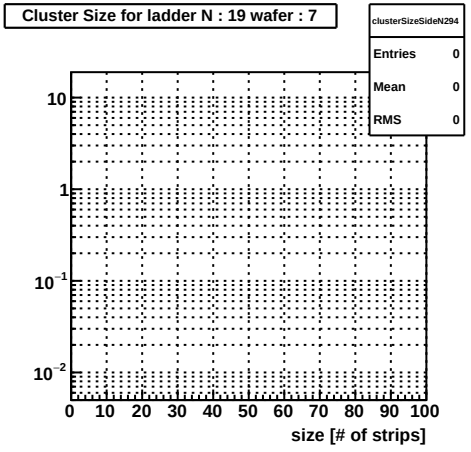

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

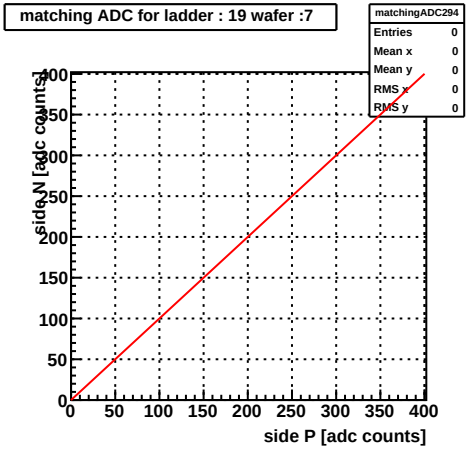

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

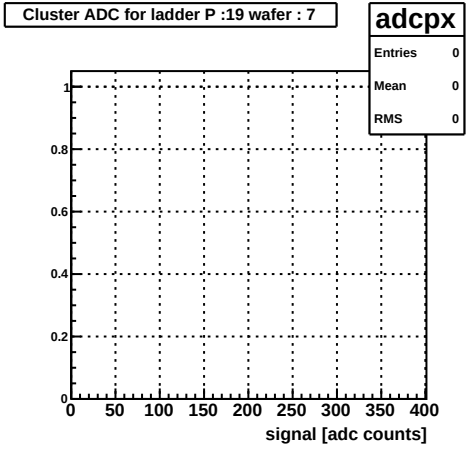

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

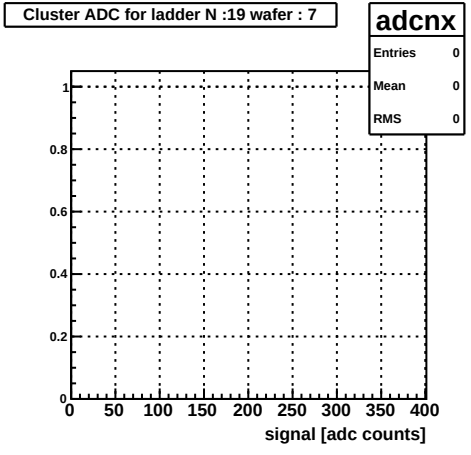

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

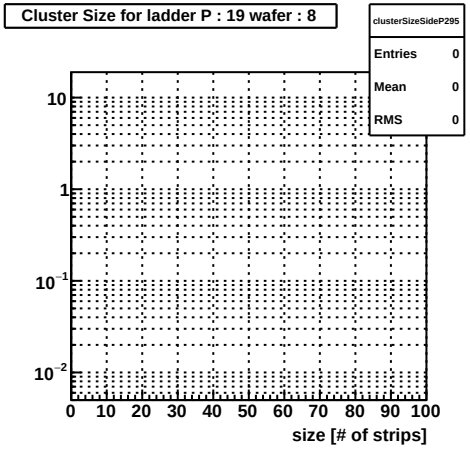

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

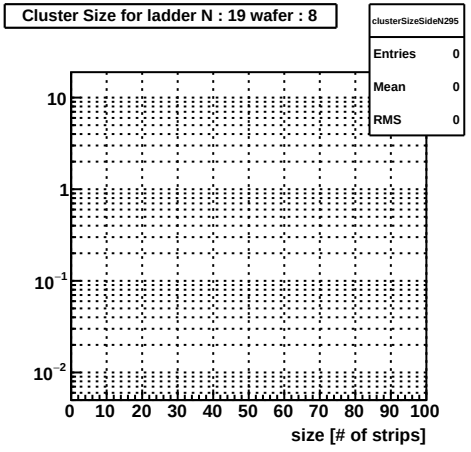

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

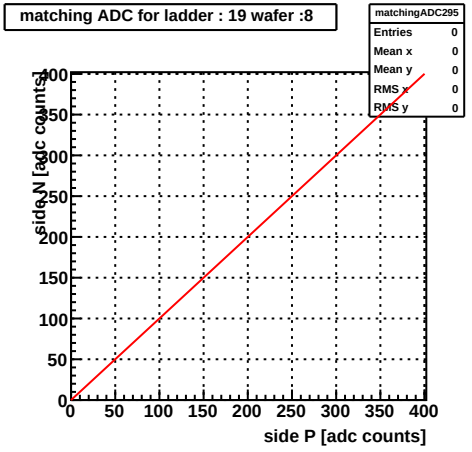

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

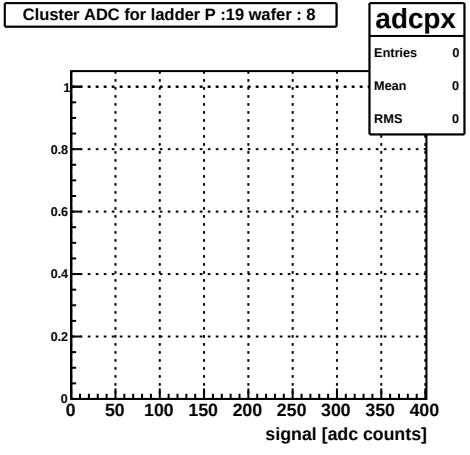

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

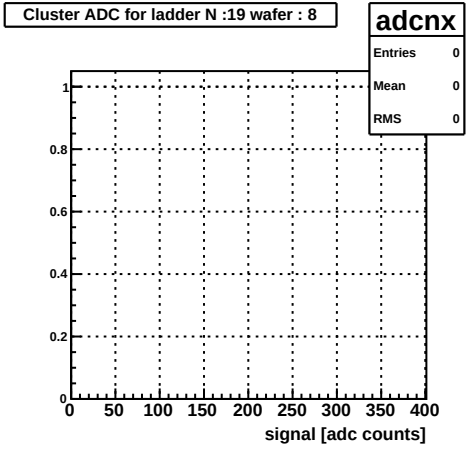

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

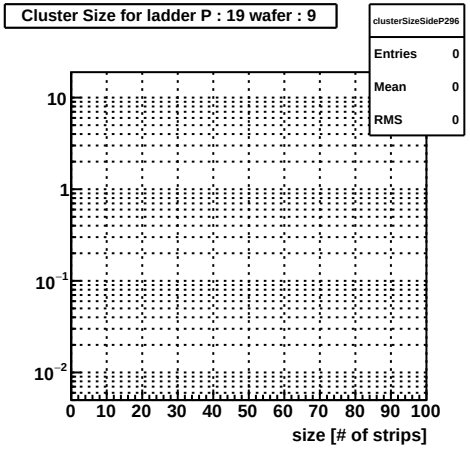

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

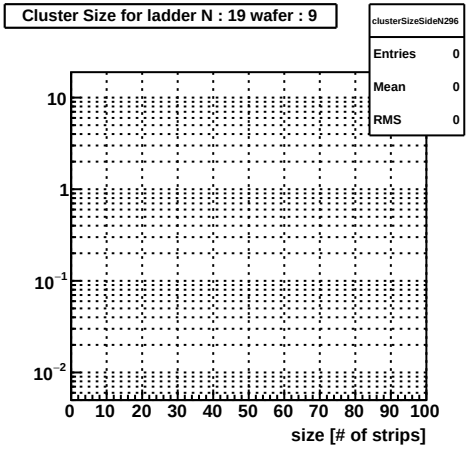

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

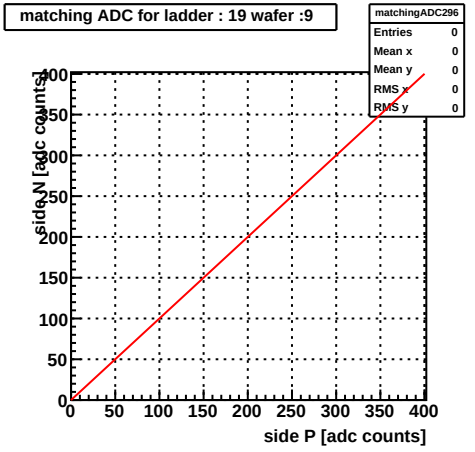

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

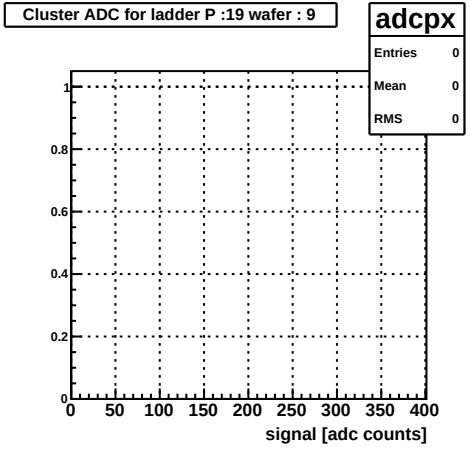

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

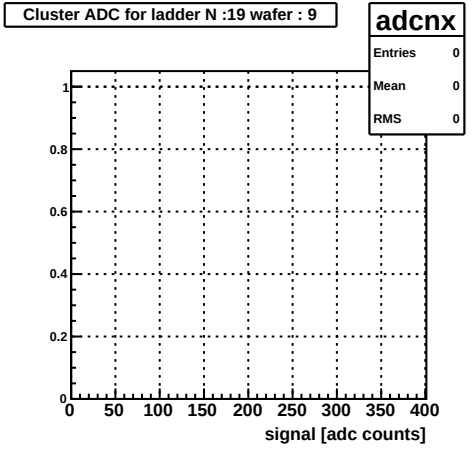

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

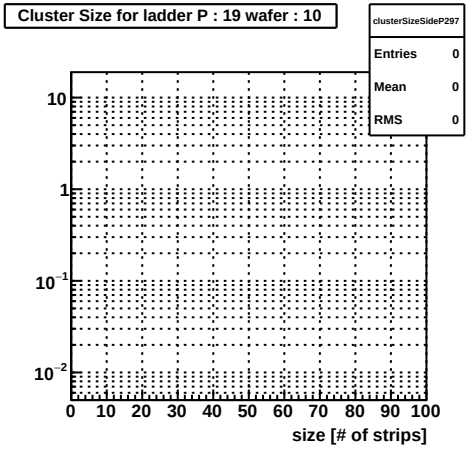

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

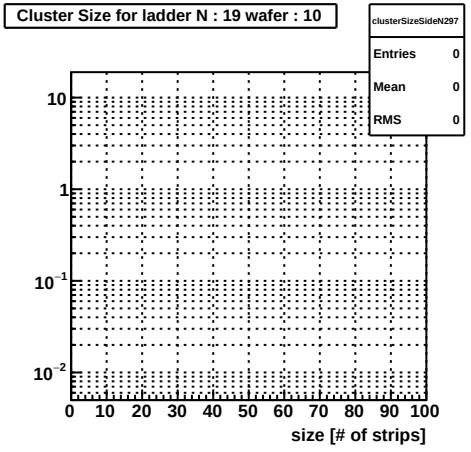

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

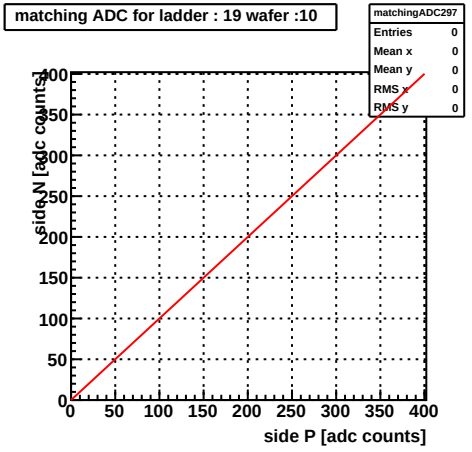

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

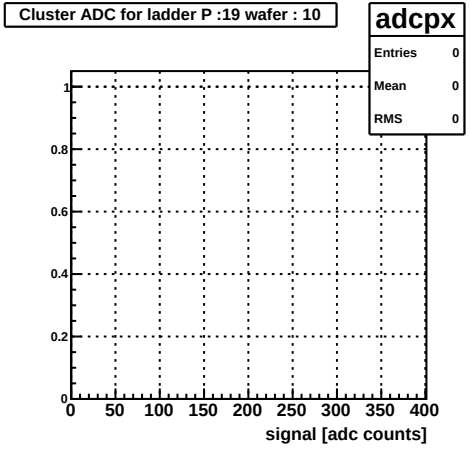

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

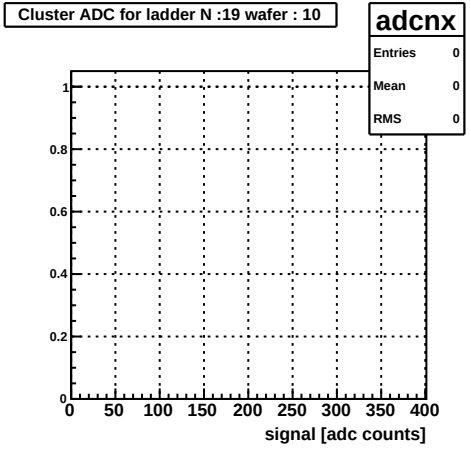

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

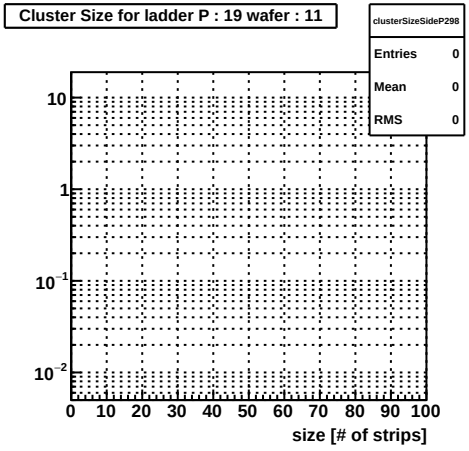

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

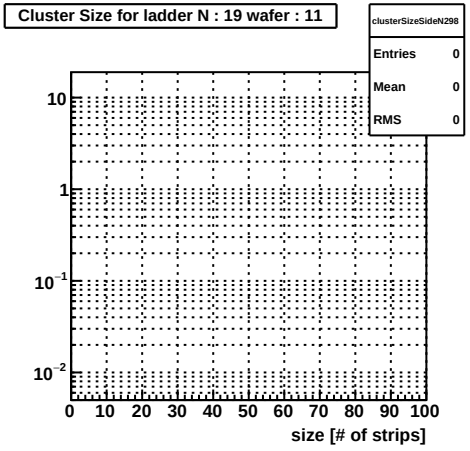

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

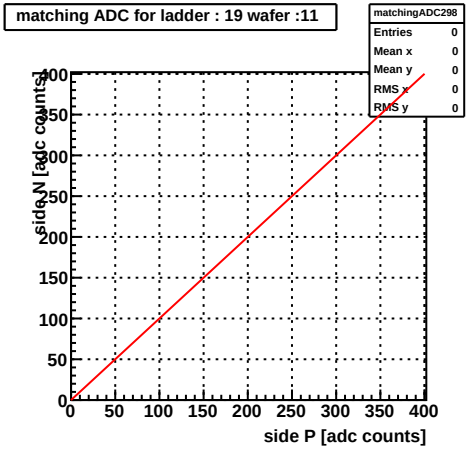

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

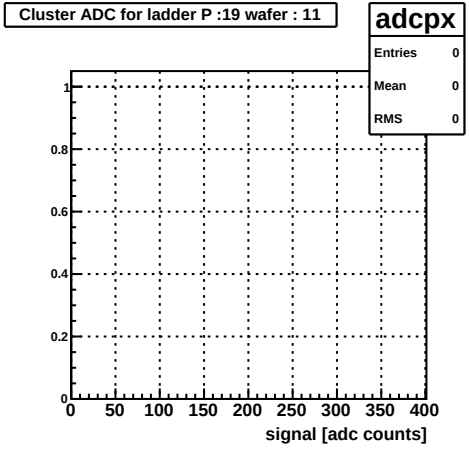

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

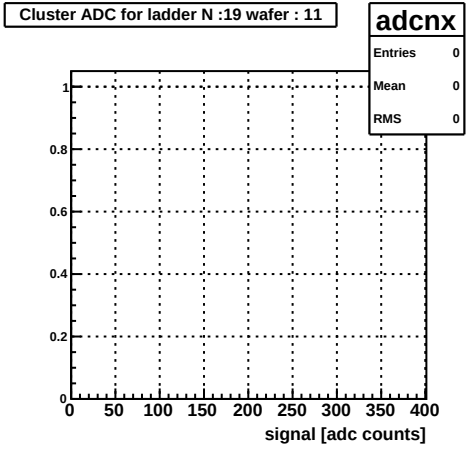

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

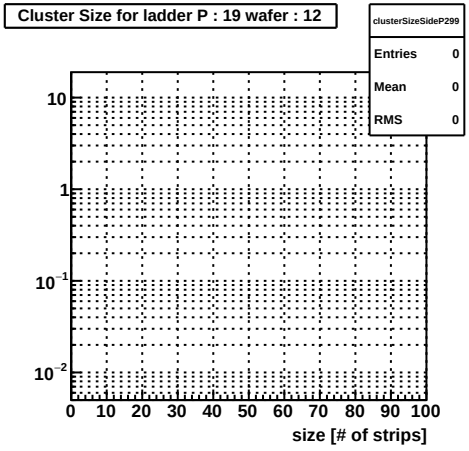

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

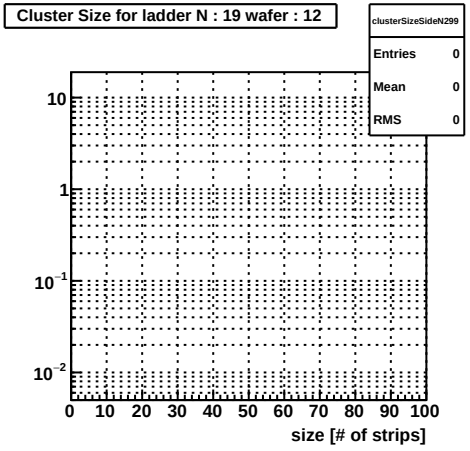

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

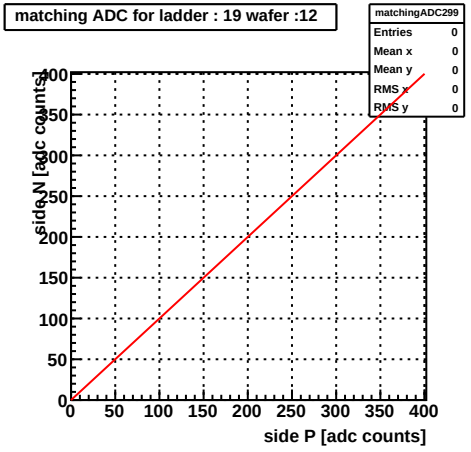

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

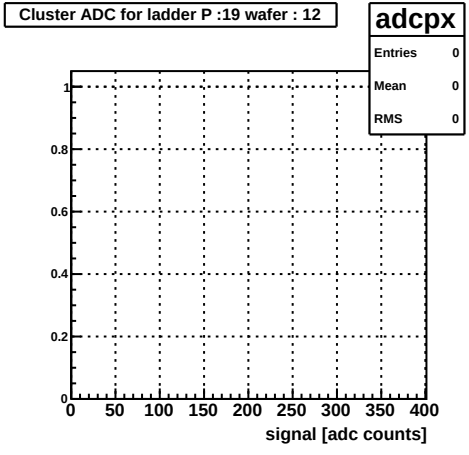

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

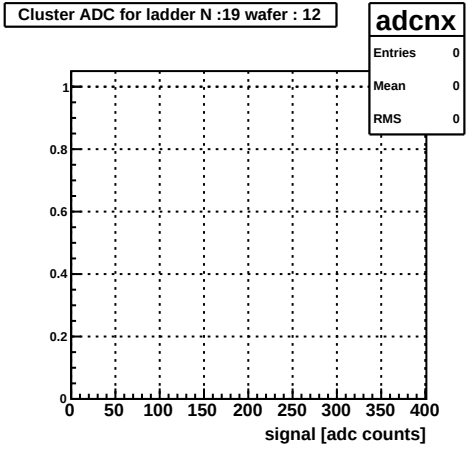

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

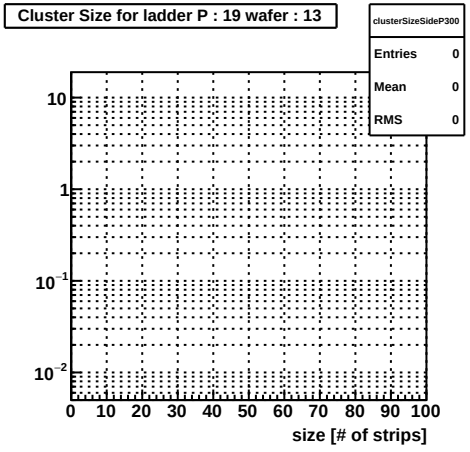

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

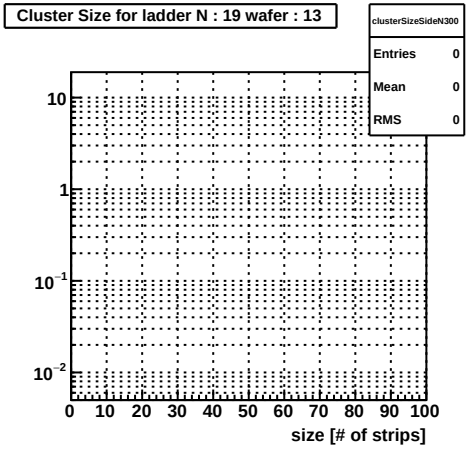

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

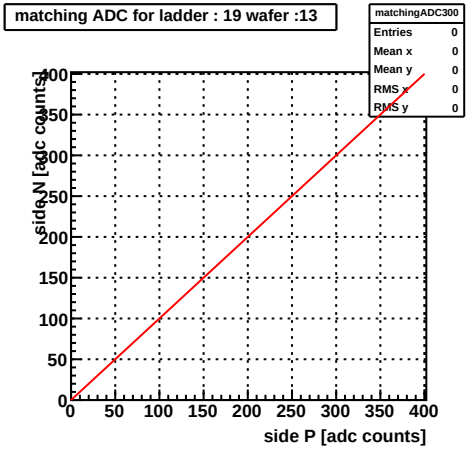

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

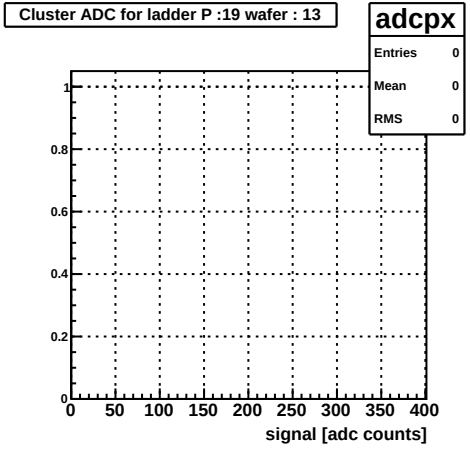

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

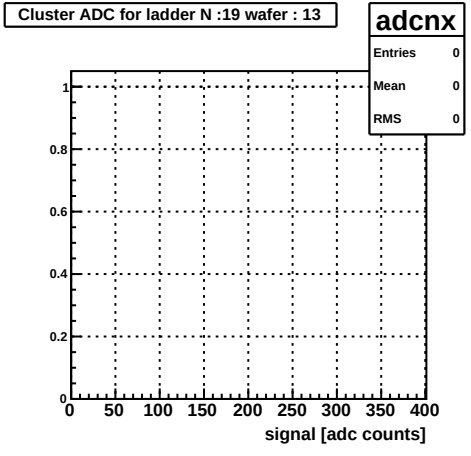

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

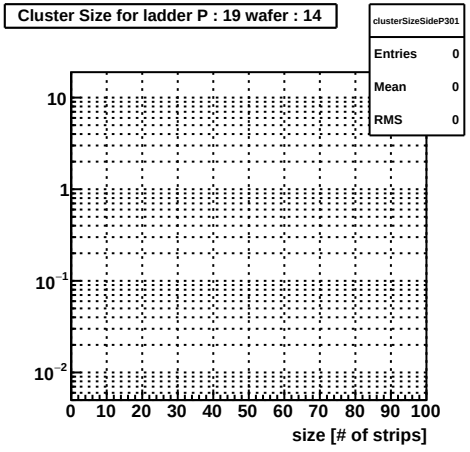

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

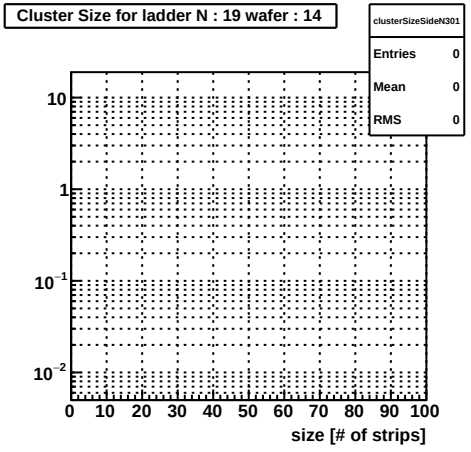

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

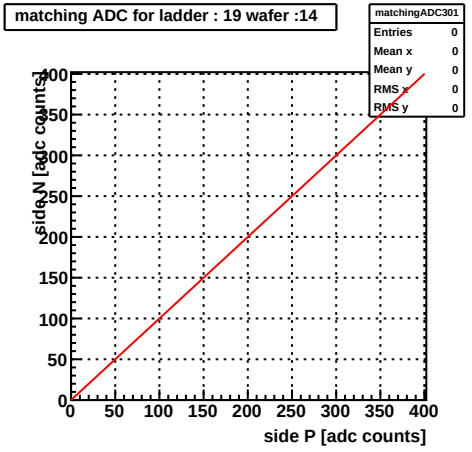

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

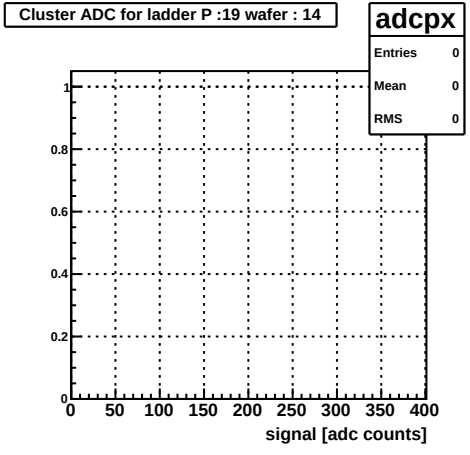

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

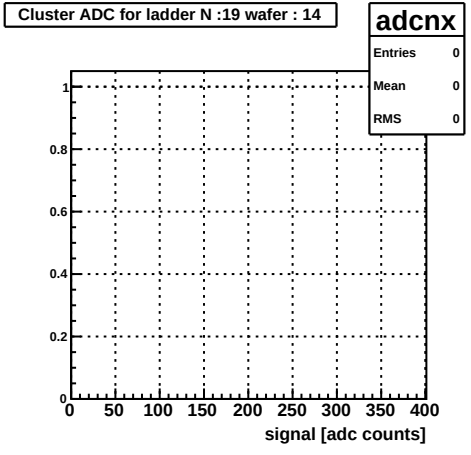

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

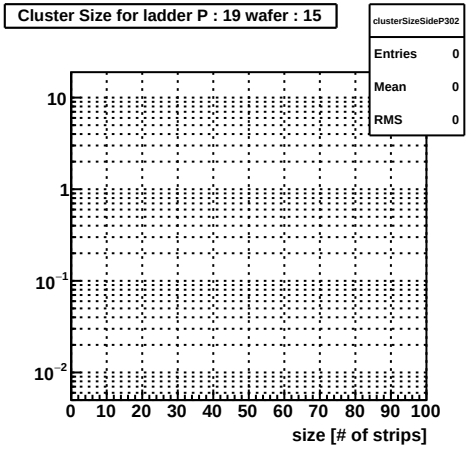

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

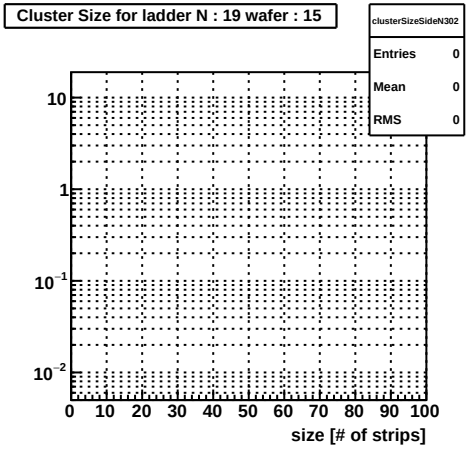

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

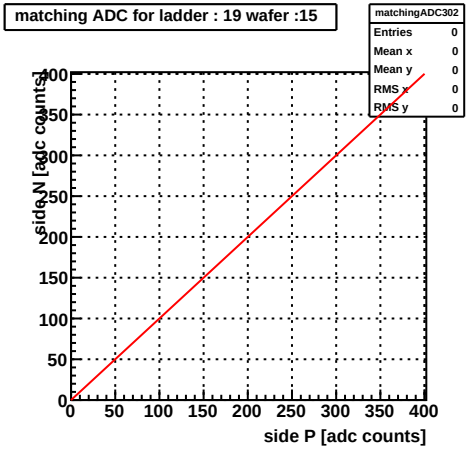

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

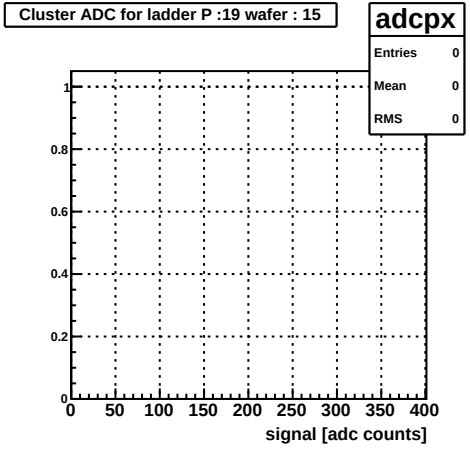

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

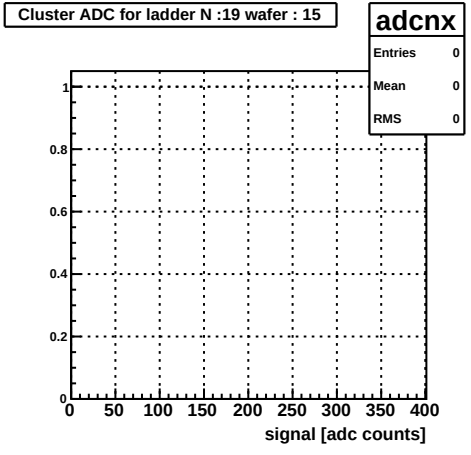

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

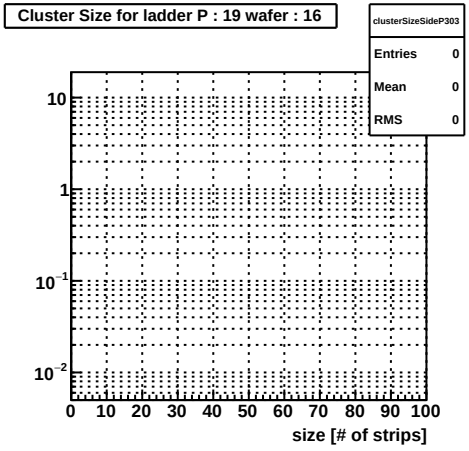

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

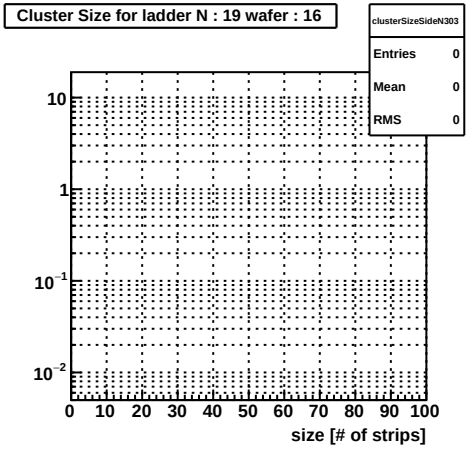

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

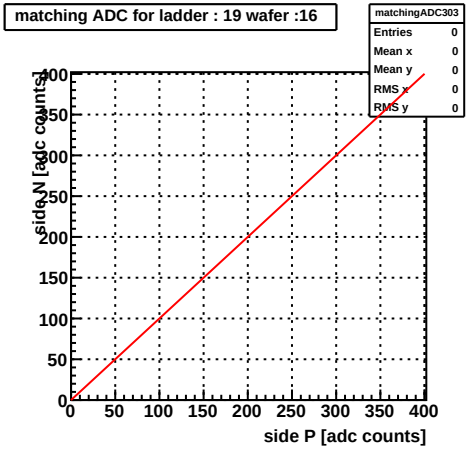

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

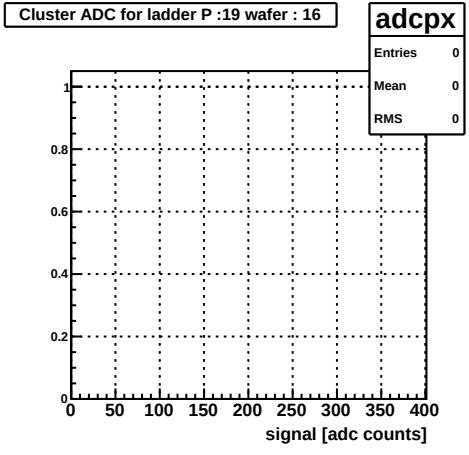

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

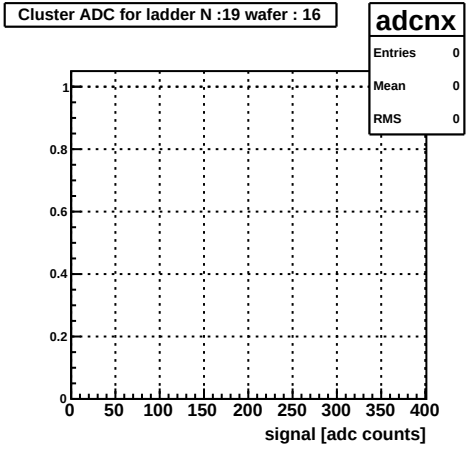

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

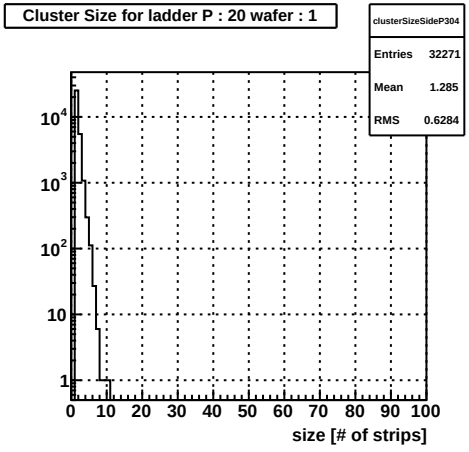

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

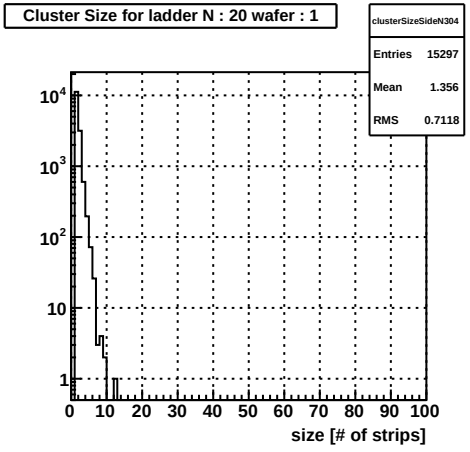

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

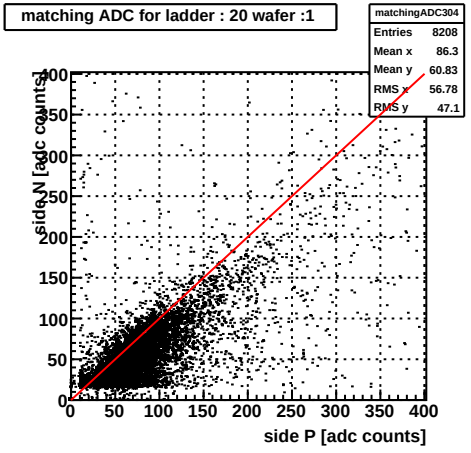

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

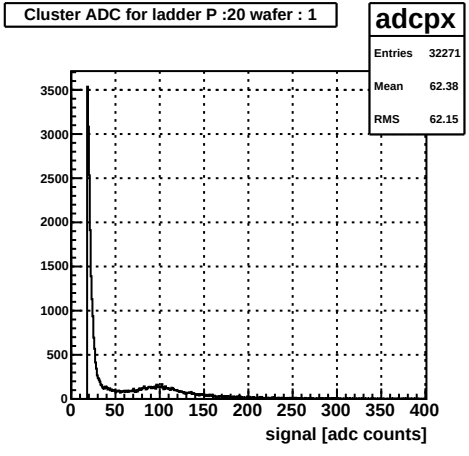

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

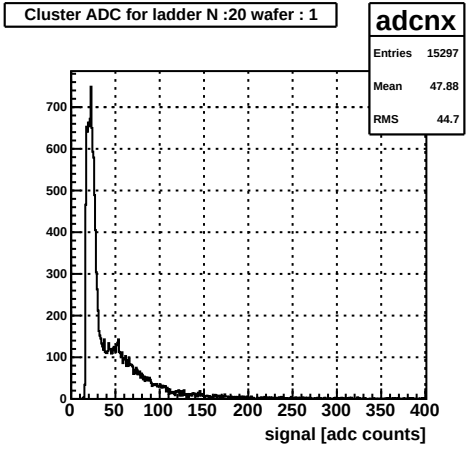

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

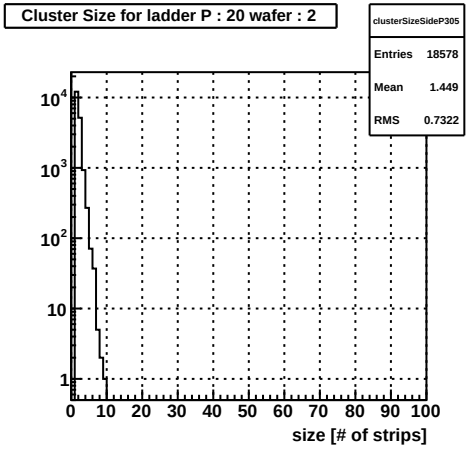

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 32271
Mean 1.285
RMS 0.6284
size [# of strips]

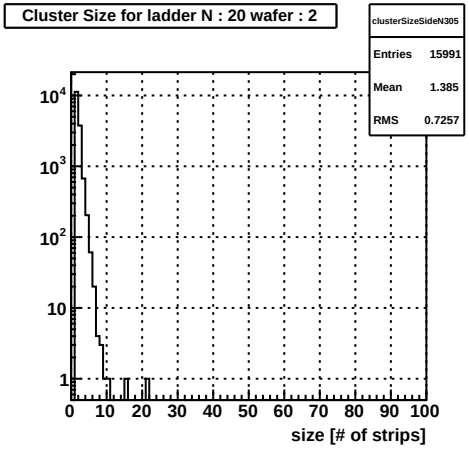

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 15297
Mean 1.356
RMS 0.7118
size [# of strips]

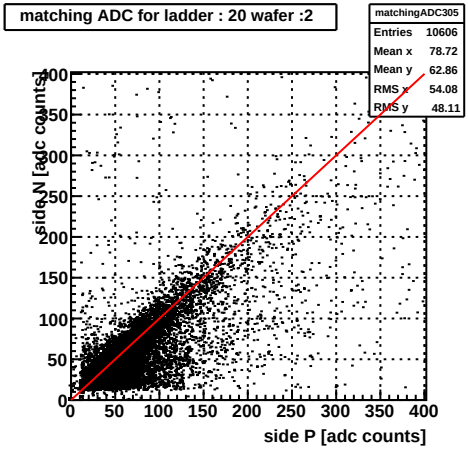

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 8208
Mean x 86.3
Mean y 60.83
RMS x 56.78
RMS y 47.1
side N [adc counts]
side P [adc counts]

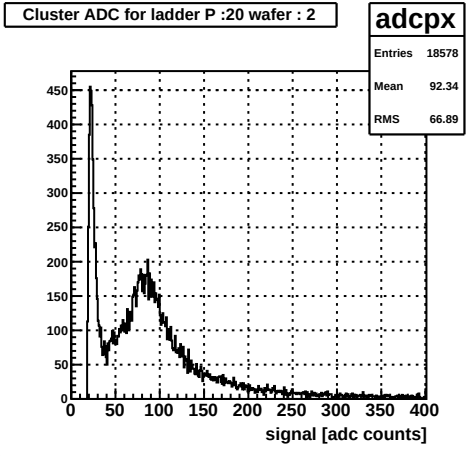

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 32271
Mean 62.38
RMS 62.15
signal [adc counts]

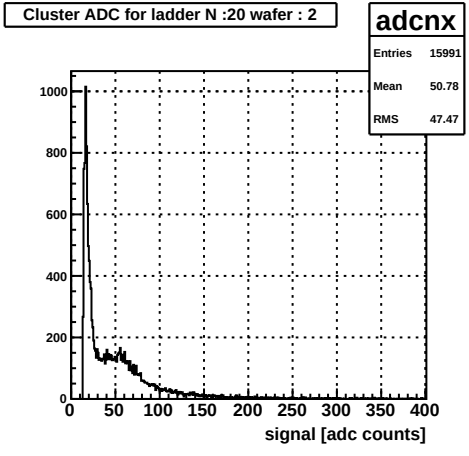

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 15297
Mean 47.88
RMS 44.7
signal [adc counts]

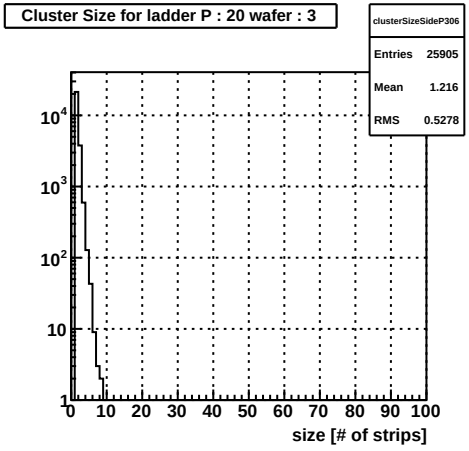

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 18578
Mean 1.449
RMS 0.7322
size [# of strips]

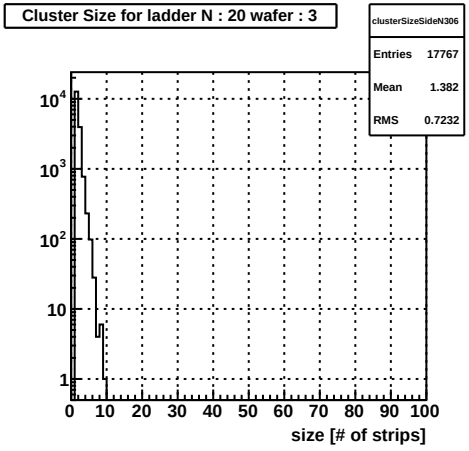

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 15991
Mean 1.385
RMS 0.7257
size [# of strips]

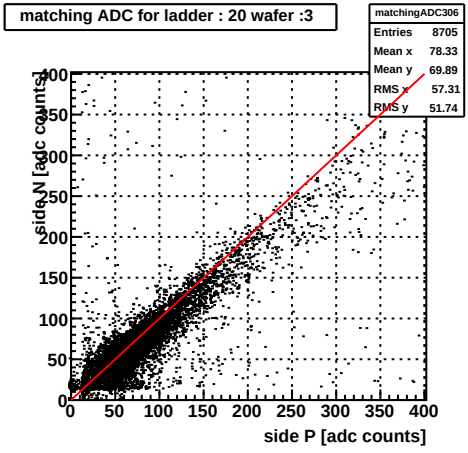

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 10606
Mean x 78.72
Mean y 62.86
RMS x 54.08
RMS y 48.11
side N [adc counts]
side P [adc counts]

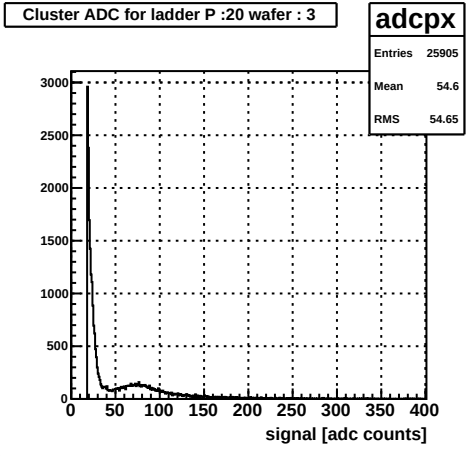

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 18578
Mean 92.34
RMS 66.89
signal [adc counts]

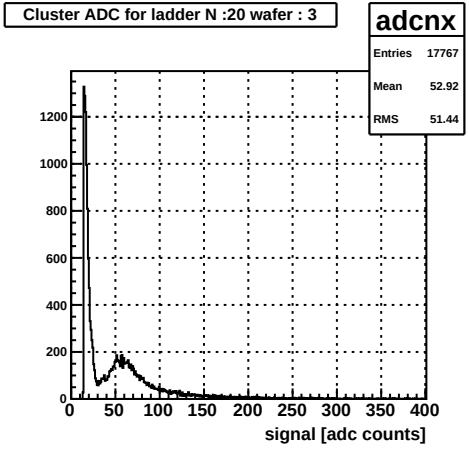

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 15991
Mean 50.78
RMS 47.47
signal [adc counts]

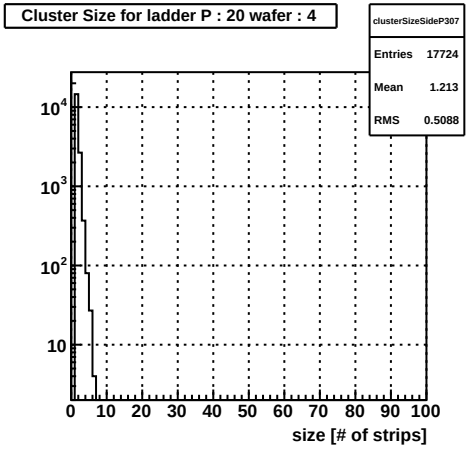

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 25905
Mean 1.216
RMS 0.5278
size [# of strips]

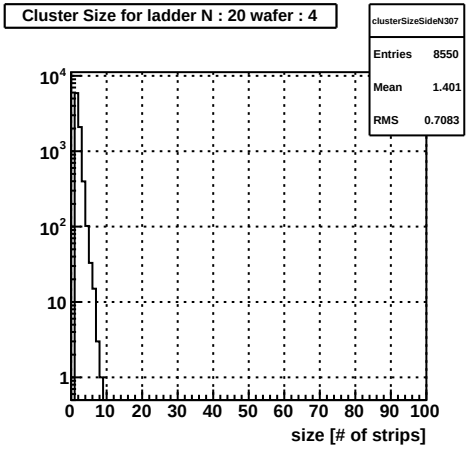

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 17767
Mean 1.382
RMS 0.7232
size [# of strips]

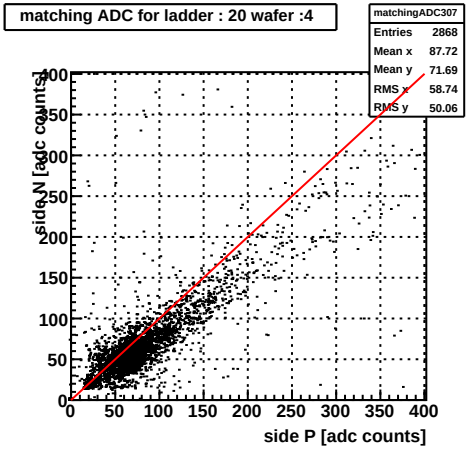

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 8705
Mean x 78.33
Mean y 69.89
RMS x 57.31
RMS y 51.74
side N [adc counts]
side P [adc counts]

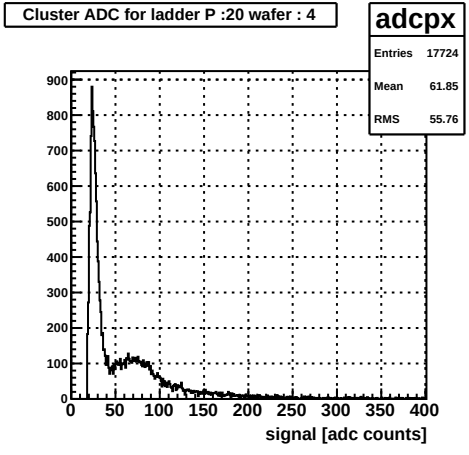

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 25905
Mean 54.6
RMS 54.65
signal [adc counts]

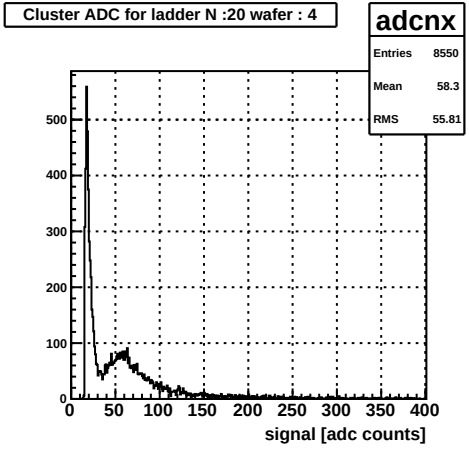

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 17767
Mean 52.92
RMS 51.44
signal [adc counts]

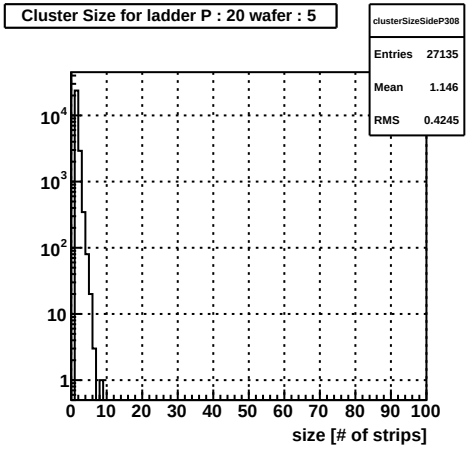

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 17724
Mean 1.213
RMS 0.5088
size [# of strips]

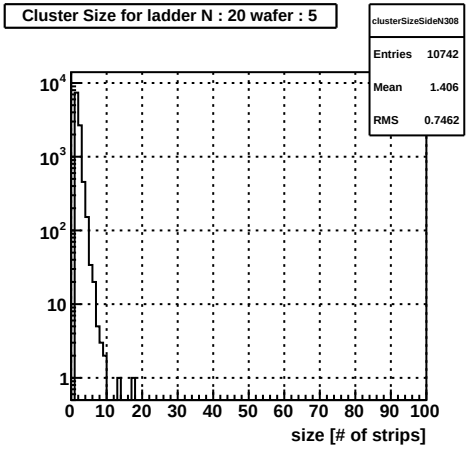

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 8550
Mean 1.401
RMS 0.7083
size [# of strips]

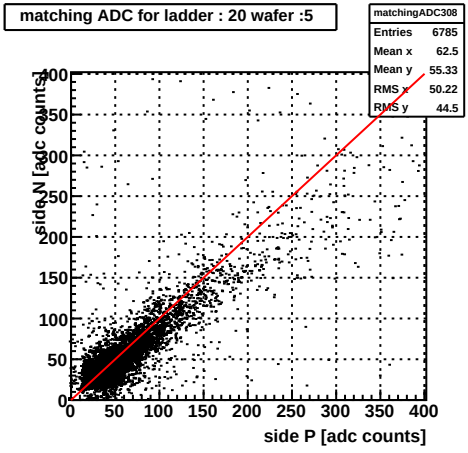

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 2868
Mean x 87.72
Mean y 71.69
RMS x 58.74
RMS y 50.06
side N [adc counts]
side P [adc counts]

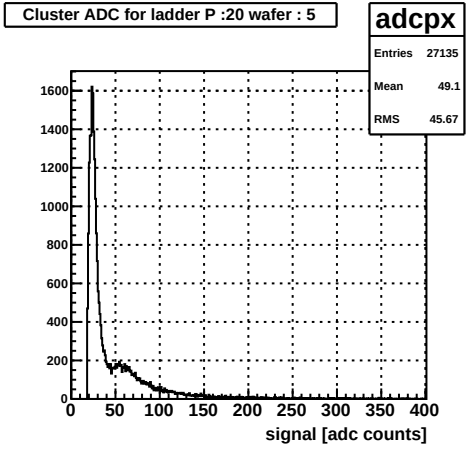

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 17724
Mean 61.85
RMS 55.76
signal [adc counts]

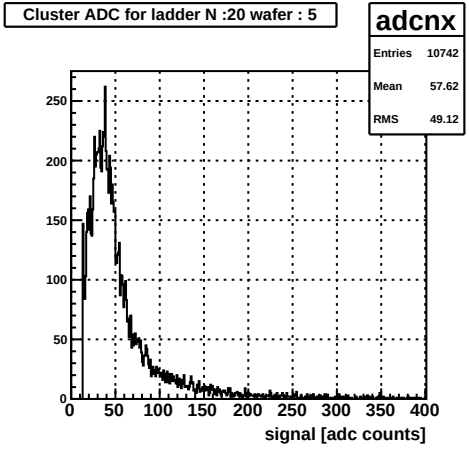

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 8550
Mean 58.3
RMS 55.81
signal [adc counts]

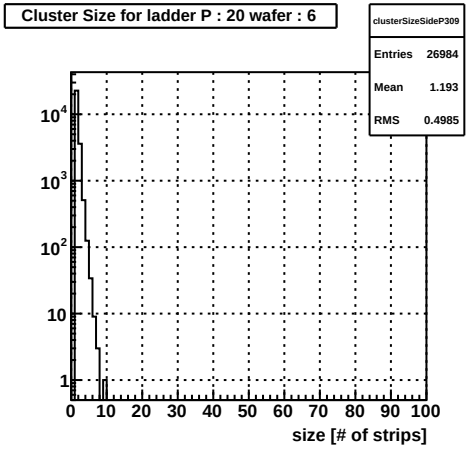

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 27135
Mean 1.146
RMS 0.4245
size [# of strips]

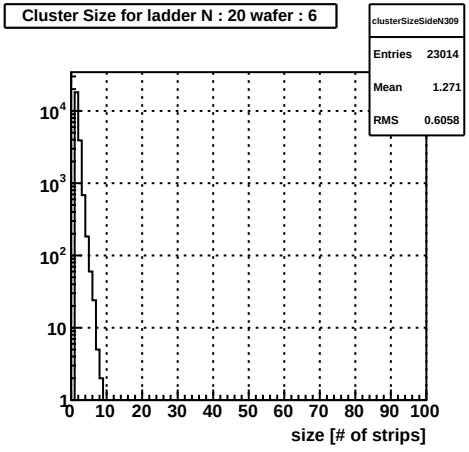

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 10742
Mean 1.406
RMS 0.7462
size [# of strips]

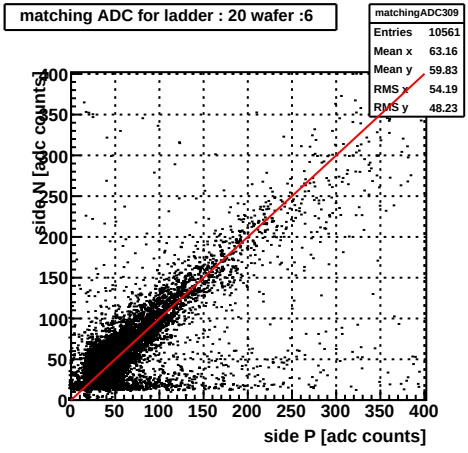

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 6785
Mean x 62.5
Mean y 55.33
RMS x 50.22
RMS y 44.5
side N [adc counts]
side P [adc counts]

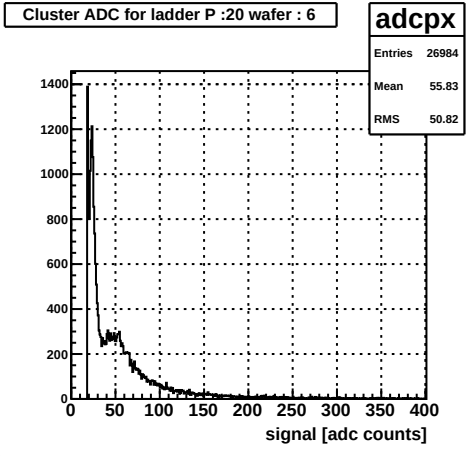

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 27135
Mean 49.1
RMS 45.67
signal [adc counts]

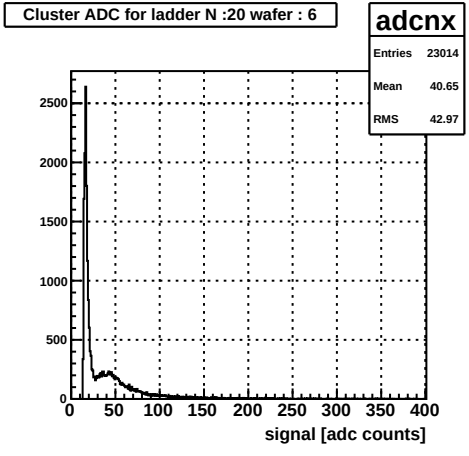

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 10742
Mean 57.62
RMS 49.12
signal [adc counts]

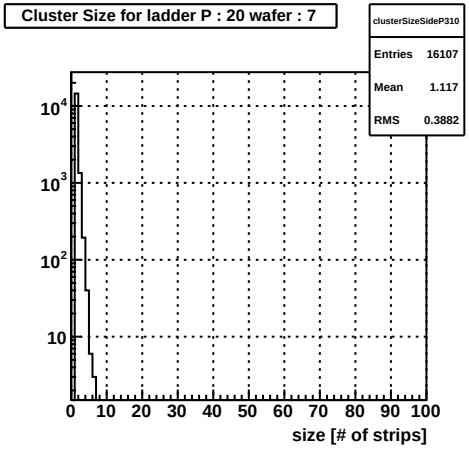

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 26984
Mean 1.193
RMS 0.4985
size [# of strips]

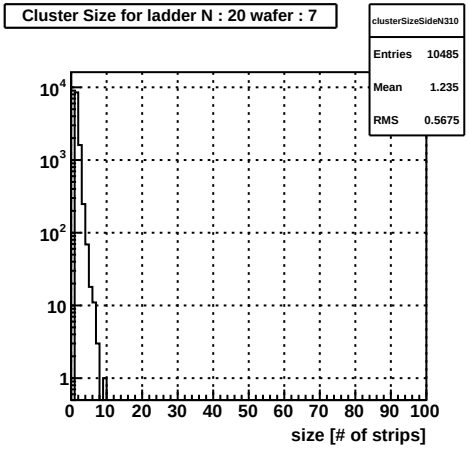

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 23014
Mean 1.271
RMS 0.6058
size [# of strips]

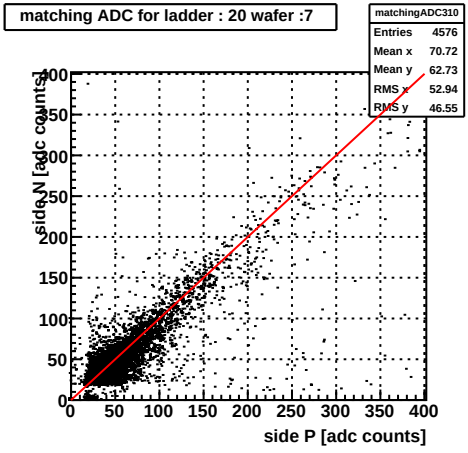

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 10561
Mean x 63.16
Mean y 59.83
RMS x 54.19
RMS y 48.23
side N [adc counts]
side P [adc counts]

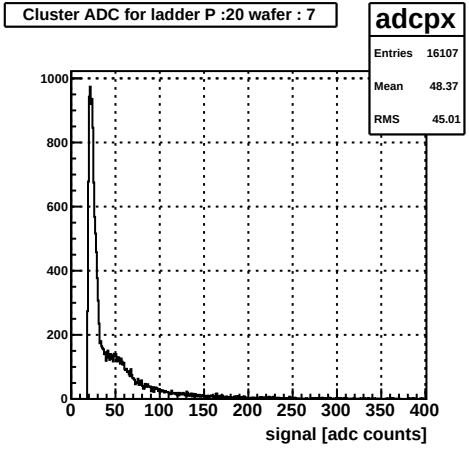

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 26984
Mean 55.83
RMS 50.82
signal [adc counts]

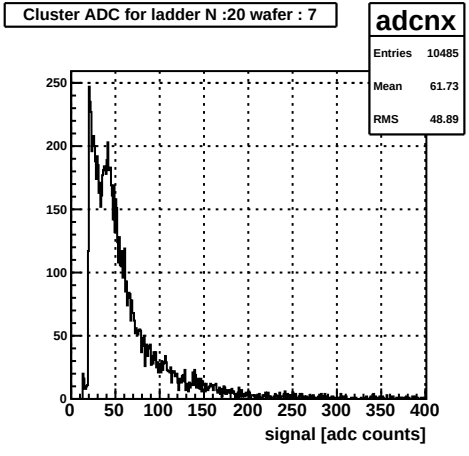

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 23014
Mean 40.65
RMS 42.97
signal [adc counts]

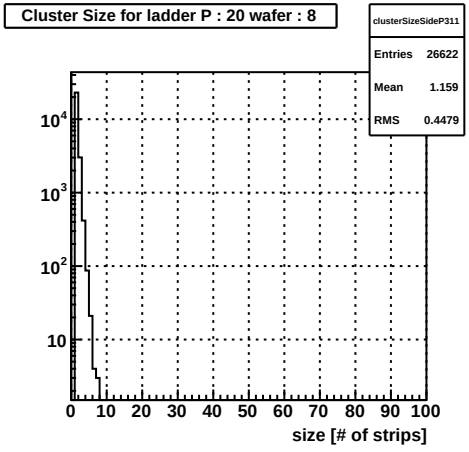

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 16107
Mean 1.117
RMS 0.3882
size [# of strips]

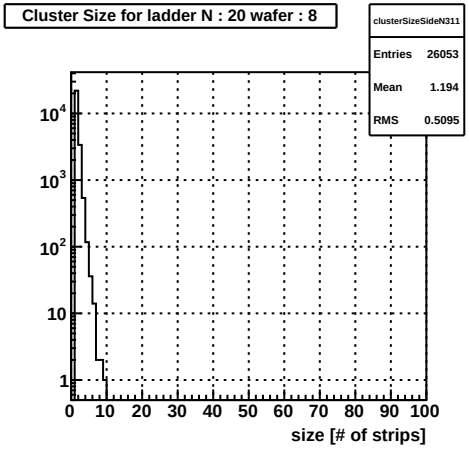

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 10485
Mean 1.235
RMS 0.5675
size [# of strips]

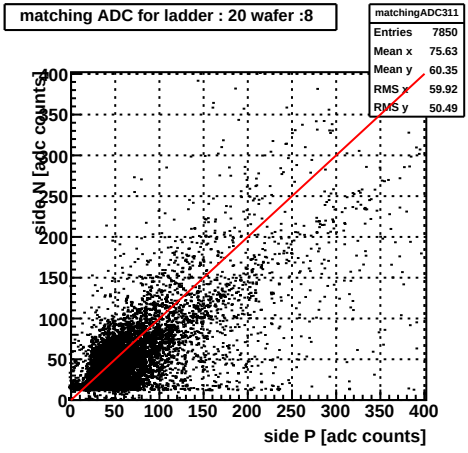

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4576
Mean x 70.72
Mean y 62.73
RMS x 52.94
RMS y 46.55
side N [adc counts]
side P [adc counts]

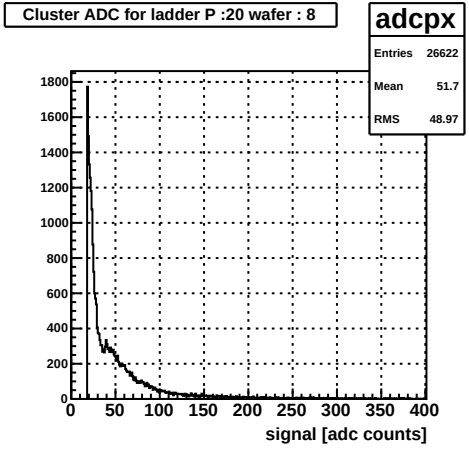

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 16107
Mean 48.37
RMS 45.01
signal [adc counts]

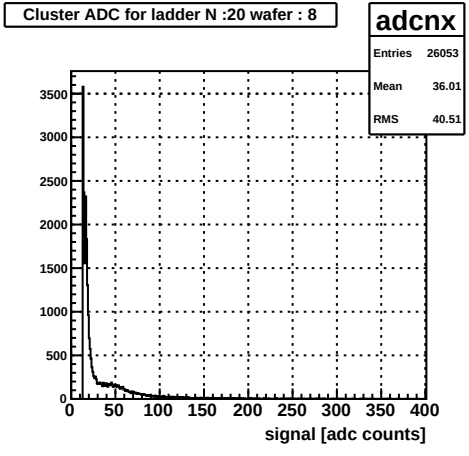

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 10485
Mean 61.73
RMS 48.89
signal [adc counts]

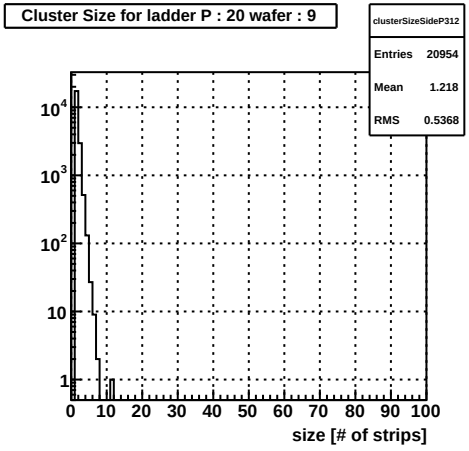

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 26622
Mean 1.159
RMS 0.4479
size [# of strips]

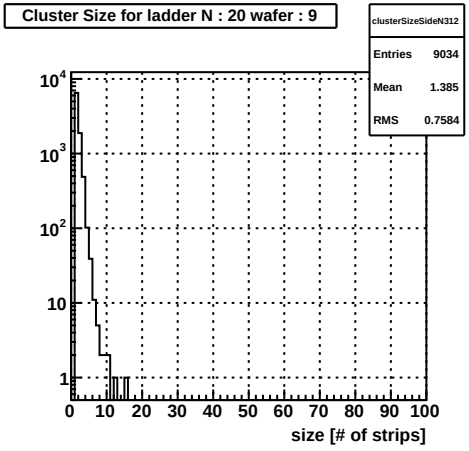

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 26053
Mean 1.194
RMS 0.5095
size [# of strips]

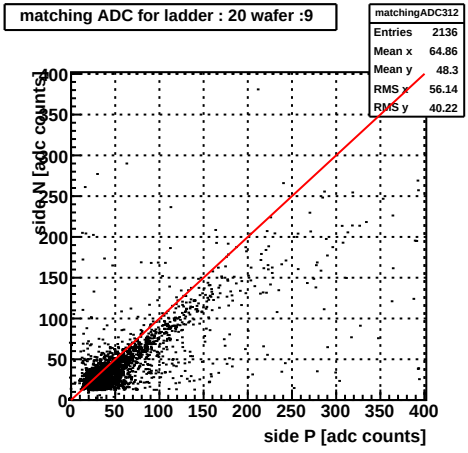

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 7850
Mean x 75.63
Mean y 60.35
RMS x 59.92
RMS y 50.49
side N [adc counts]
side P [adc counts]

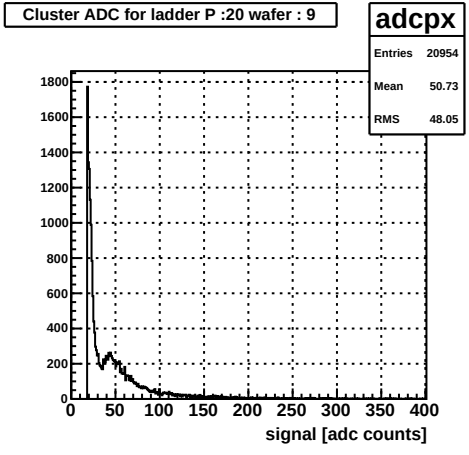

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 26622
Mean 51.7
RMS 48.97
signal [adc counts]

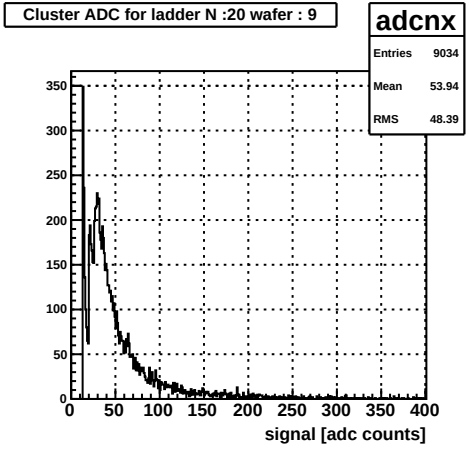

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 26053
Mean 36.01
RMS 40.51
signal [adc counts]

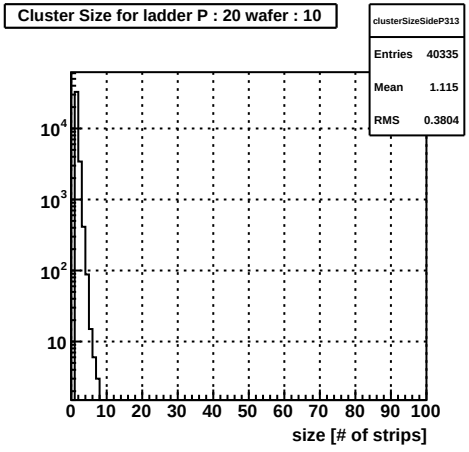

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 20954
Mean 1.218
RMS 0.5368
size [# of strips]

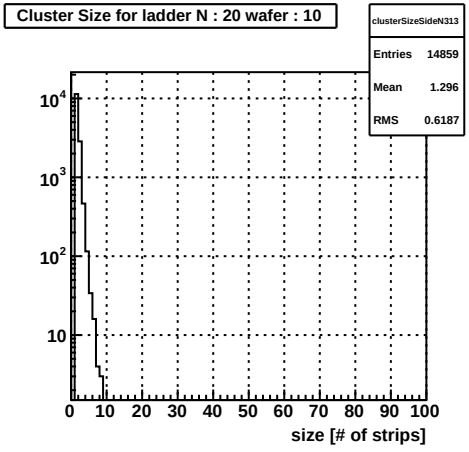

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 9034
Mean 1.385
RMS 0.7584
size [# of strips]

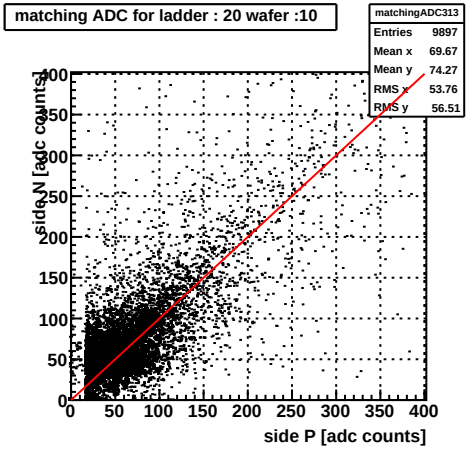

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2136
Mean x 64.86
Mean y 48.3
RMS x 56.14
RMS y 40.22
side N [adc counts]
side P [adc counts]

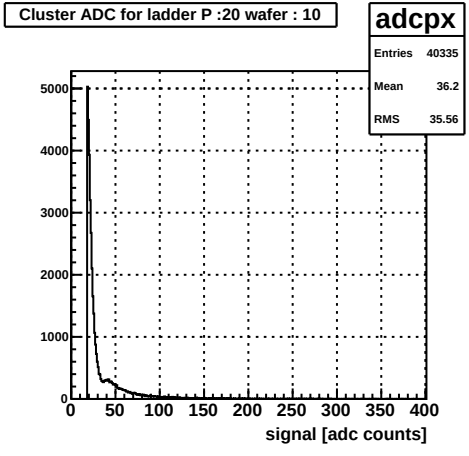

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 20954
Mean 50.73
RMS 48.05
signal [adc counts]

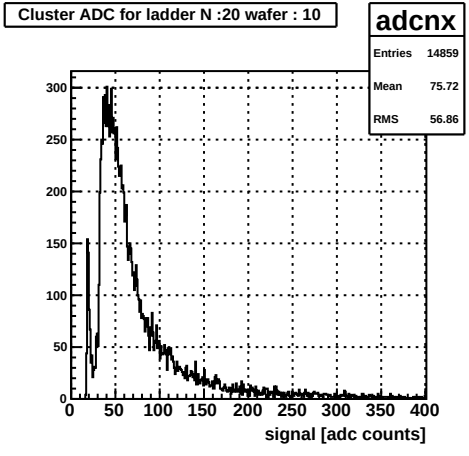

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 9034
Mean 53.94
RMS 48.39
signal [adc counts]

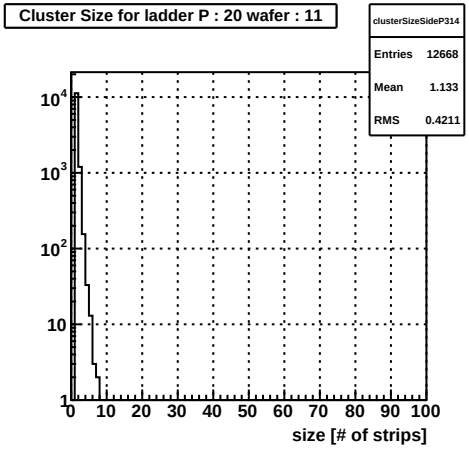

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 40335
Mean 1.115
RMS 0.3804
size [# of strips]

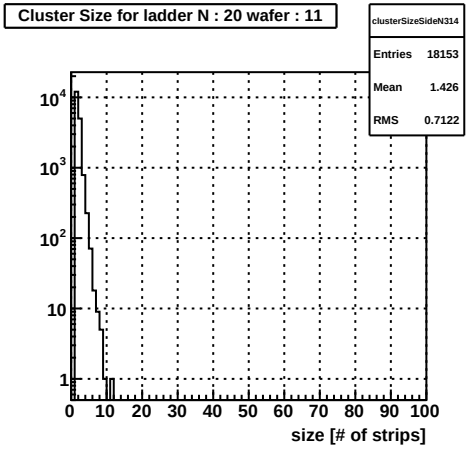

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 14859
Mean 1.296
RMS 0.6187
size [# of strips]

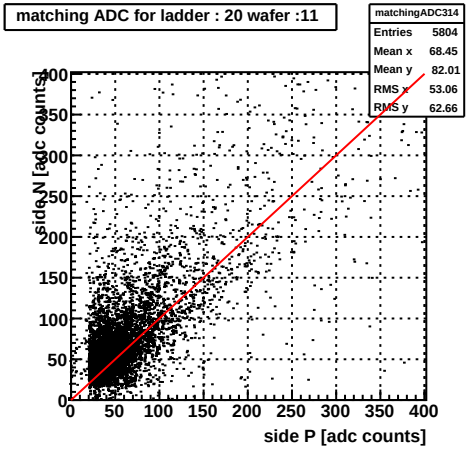

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 9897
Mean x 69.67
Mean y 74.27
RMS x 53.76
RMS y 56.51
side N [adc counts]
side P [adc counts]

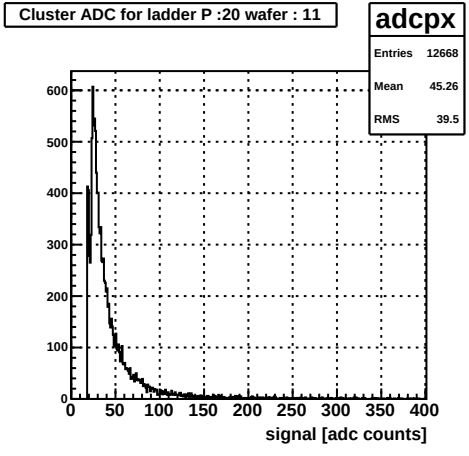

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 40335
Mean 36.2
RMS 35.56
signal [adc counts]

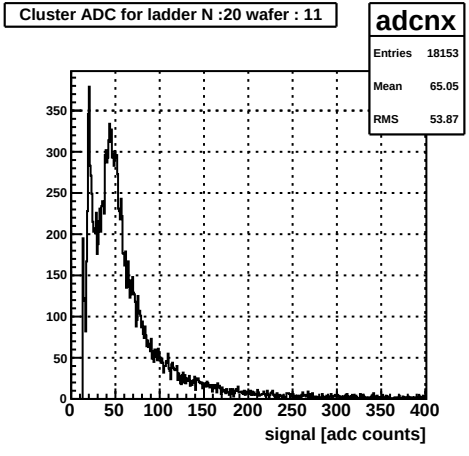

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 14859
Mean 75.72
RMS 56.86
signal [adc counts]

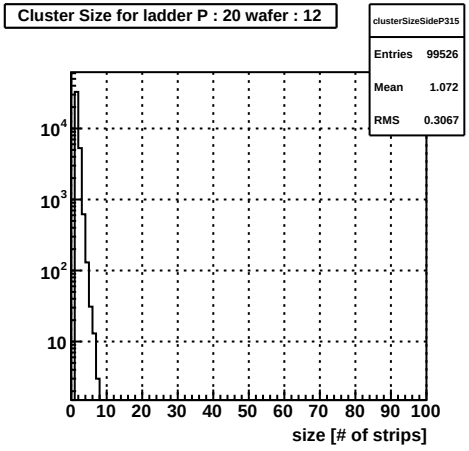

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 12668
Mean 1.133
RMS 0.4211
size [# of strips]

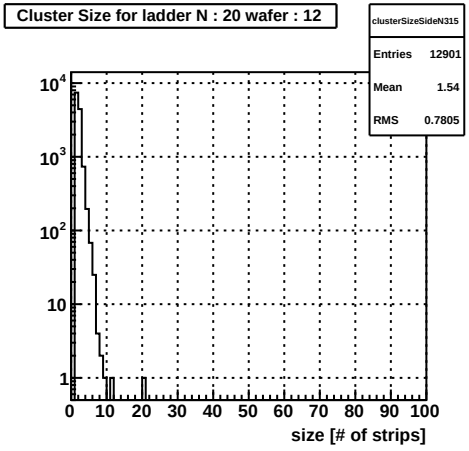

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 18153
Mean 1.426
RMS 0.7122
size [# of strips]

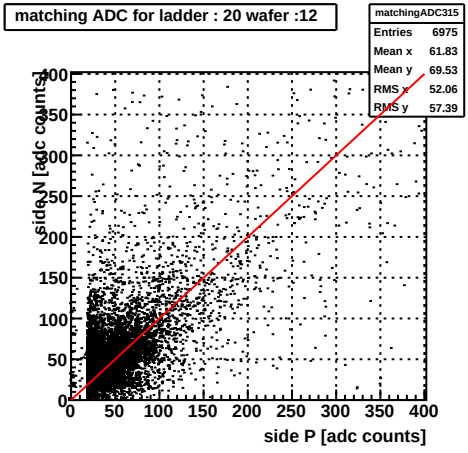

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 5804
Mean x 68.45
Mean y 82.01
RMS x 53.06
RMS y 62.66
side N [adc counts]
side P [adc counts]

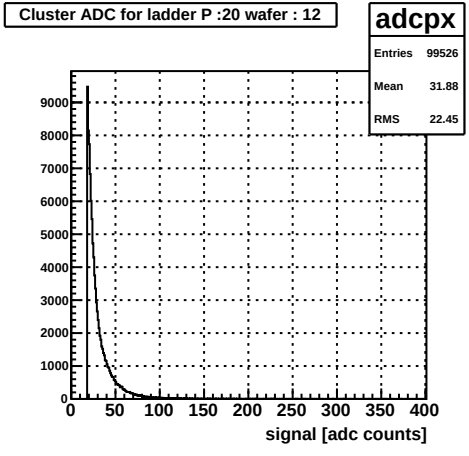

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 12668
Mean 45.26
RMS 39.5
signal [adc counts]

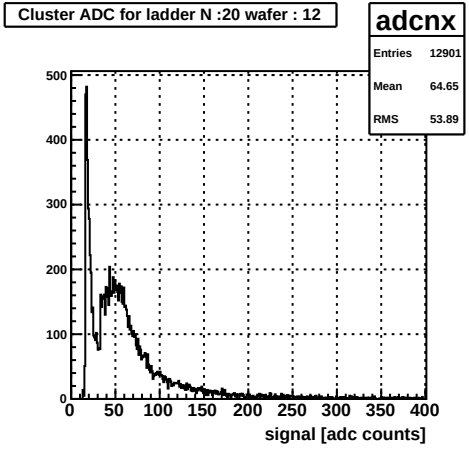

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 18153
Mean 65.05
RMS 53.87
signal [adc counts]

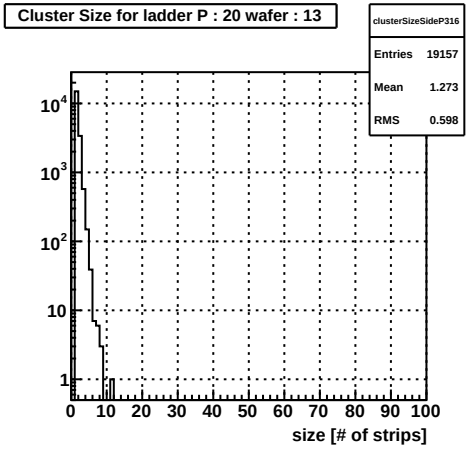

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 99526
Mean 1.072
RMS 0.3067
size [# of strips]

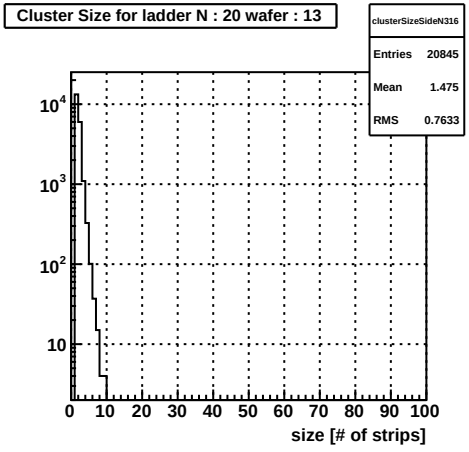

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 12901
Mean 1.54
RMS 0.7805
size [# of strips]

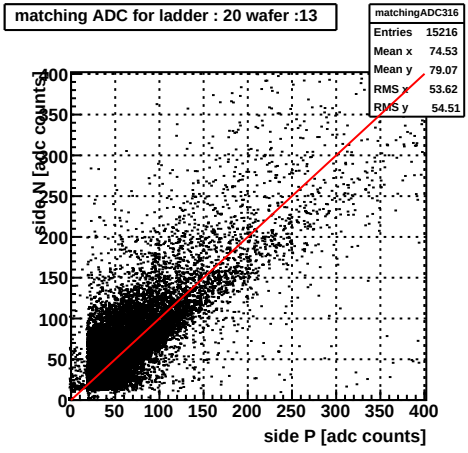

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 6975
Mean x 61.83
Mean y 69.53
RMS x 52.06
RMS y 57.39
side N [adc counts]
side P [adc counts]

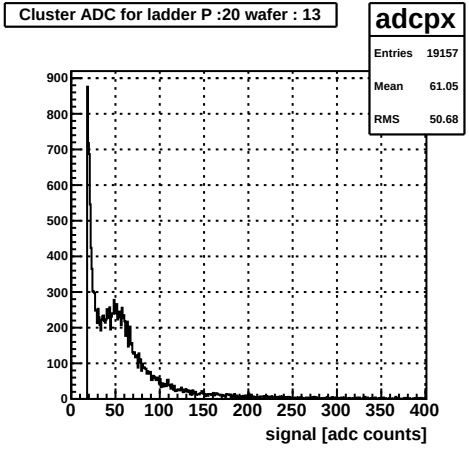

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 99526
Mean 31.88
RMS 22.45
signal [adc counts]

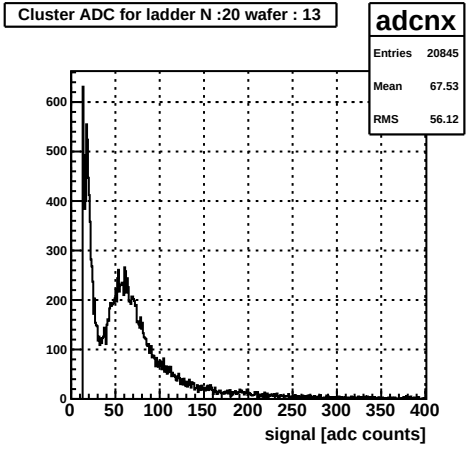

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 12901
Mean 64.65
RMS 53.89
signal [adc counts]

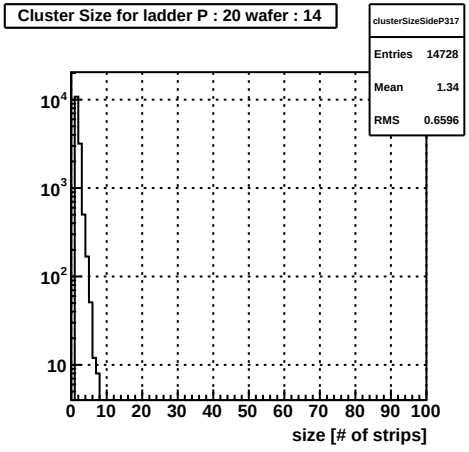

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 19157
Mean 1.273
RMS 0.598
size [# of strips]

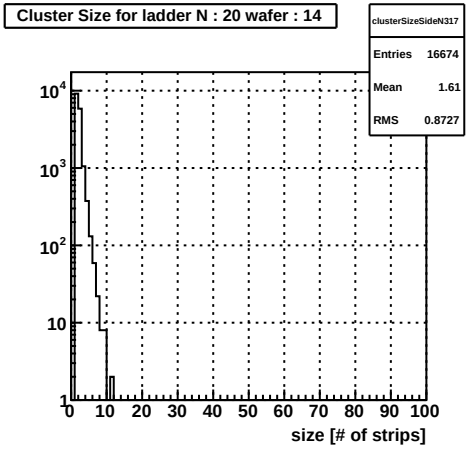

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 20845
Mean 1.475
RMS 0.7633
size [# of strips]

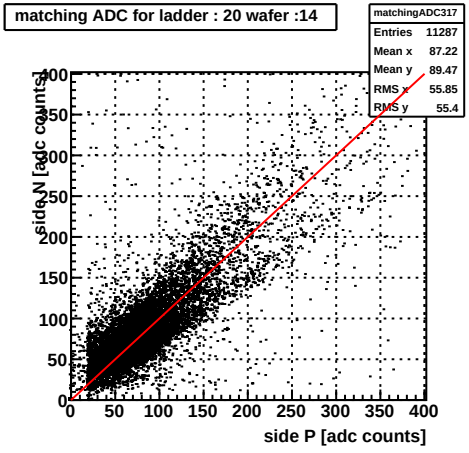

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 15216
Mean x 74.53
Mean y 79.07
RMS x 53.62
RMS y 54.51
side N [adc counts]
side P [adc counts]

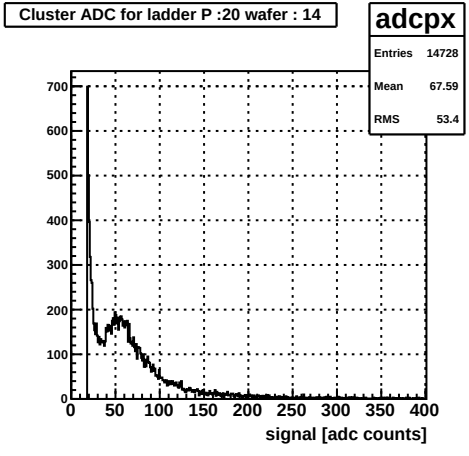

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 19157
Mean 61.05
RMS 50.68
signal [adc counts]

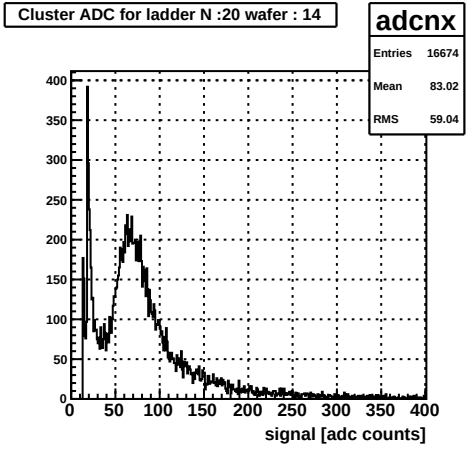

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 20845
Mean 67.53
RMS 56.12
signal [adc counts]

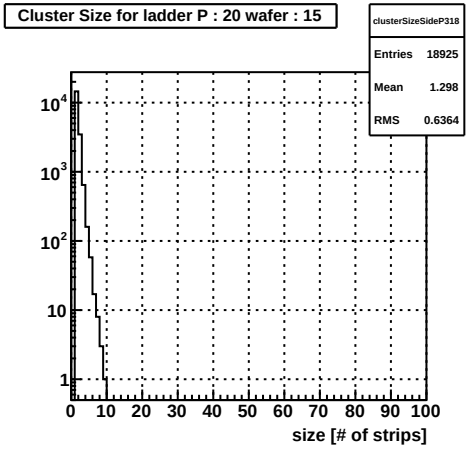

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 14728
Mean 1.34
RMS 0.6596
size [# of strips]

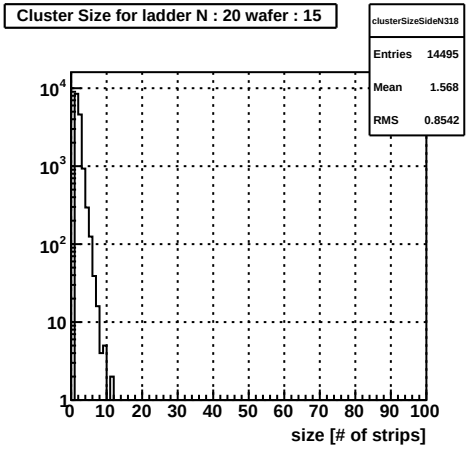

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 16674
Mean 1.61
RMS 0.8727
size [# of strips]

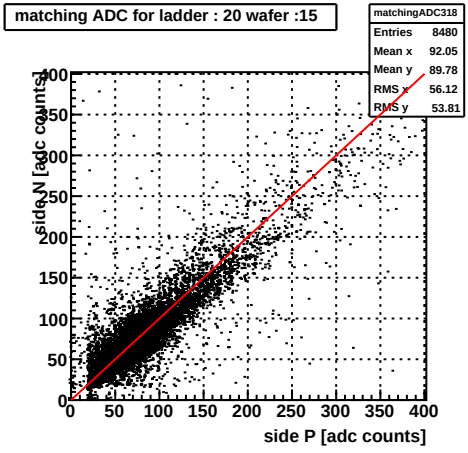

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 11287
Mean x 87.22
Mean y 89.47
RMS x 55.85
RMS y 55.4
side N [adc counts]
side P [adc counts]

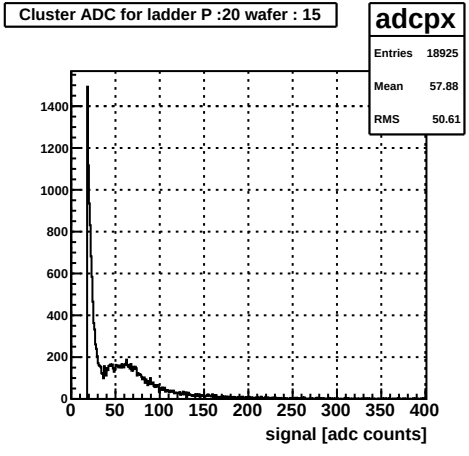

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 14728
Mean 67.59
RMS 53.4
signal [adc counts]

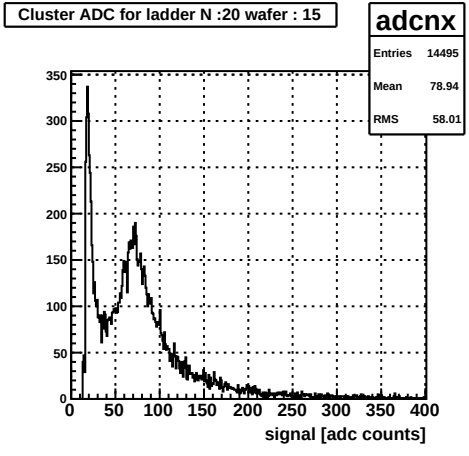

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 16674
Mean 83.02
RMS 59.04
signal [adc counts]

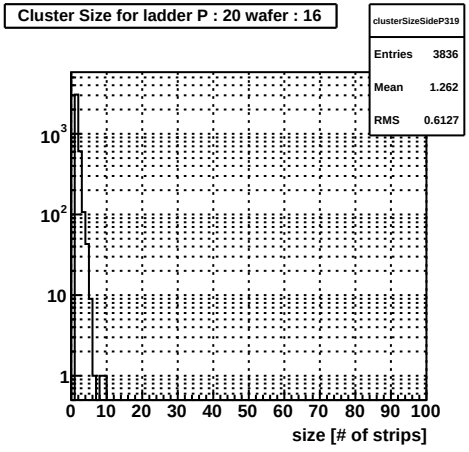

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 18925
Mean 1.298
RMS 0.6364
size [# of strips]

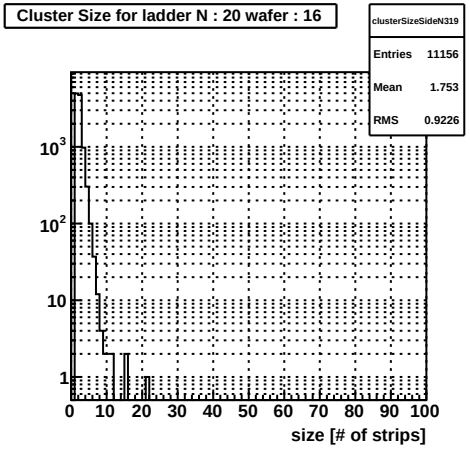

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 14495
Mean 1.568
RMS 0.8542
size [# of strips]

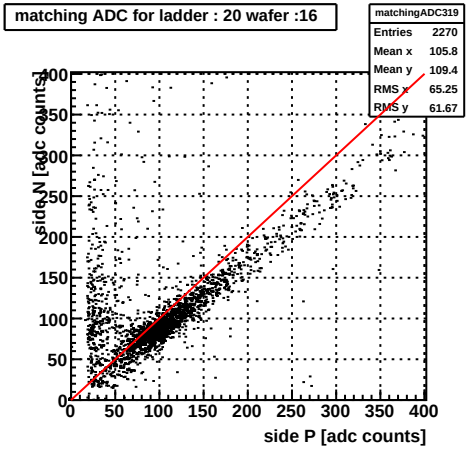

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 8480
Mean x 92.05
Mean y 89.78
RMS x 56.12
RMS y 53.81
side N [adc counts]
side P [adc counts]

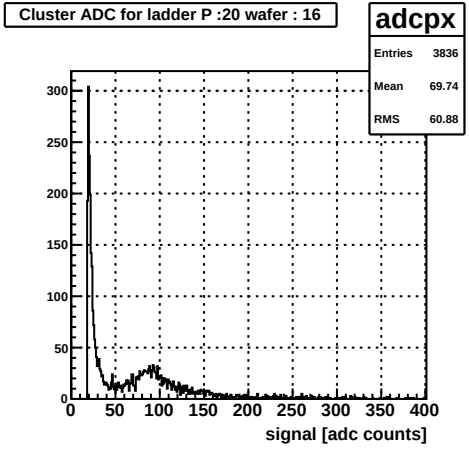

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 18925
Mean 57.88
RMS 50.61
signal [adc counts]

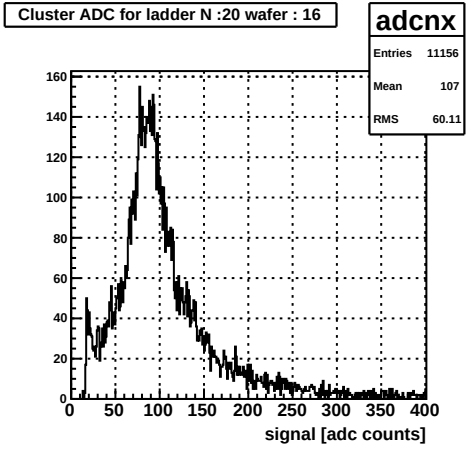

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 14495
Mean 78.94
RMS 58.01
signal [adc counts]

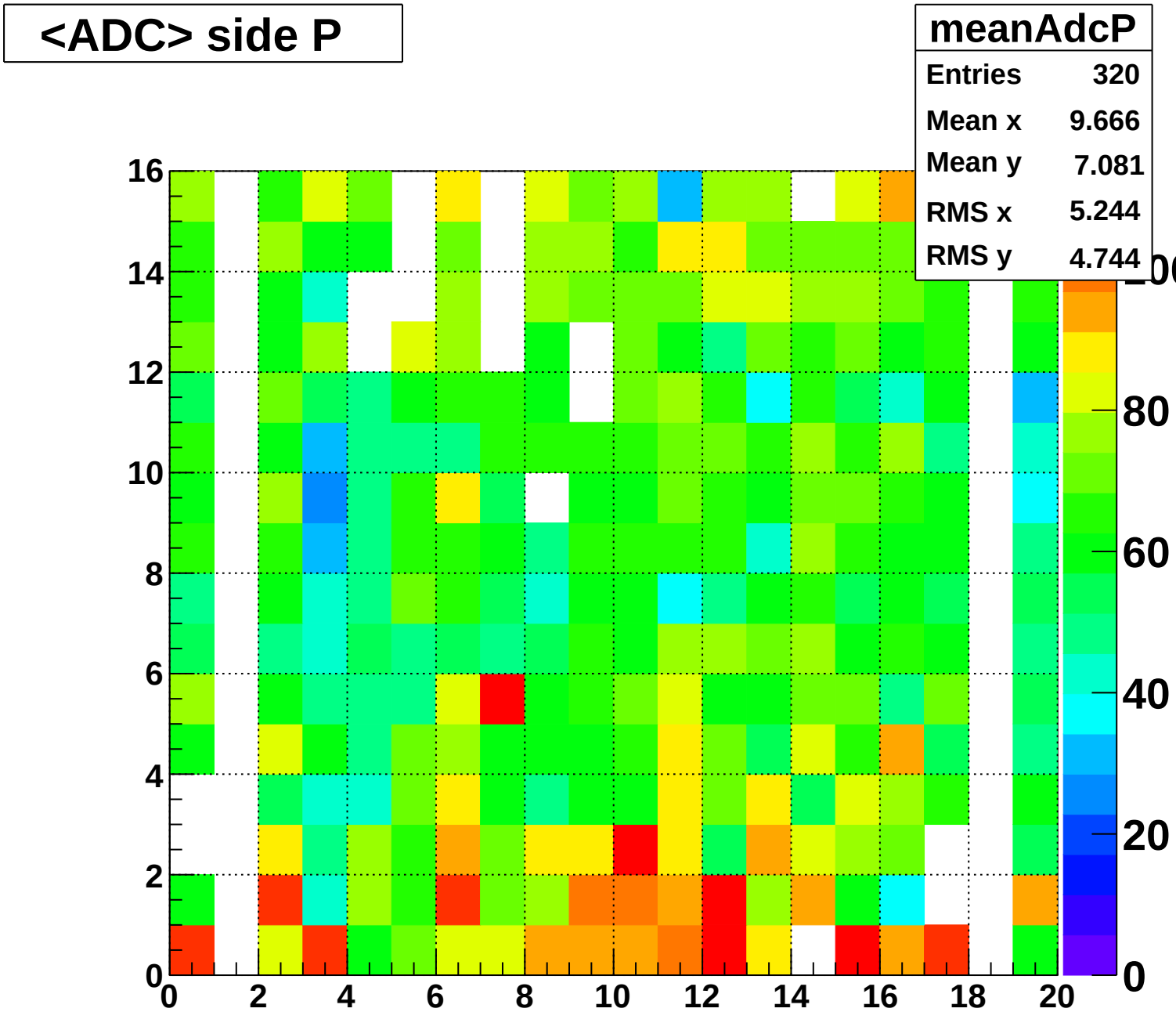

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3836
Mean 1.262
RMS 0.6127
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 11156
Mean 1.753
RMS 0.9226
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2270
Mean x 105.8
Mean y 109.4
RMS x 65.25
RMS y 61.67
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3836
Mean 69.74
RMS 60.88
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 11156
Mean 107
RMS 60.11
signal [adc counts]



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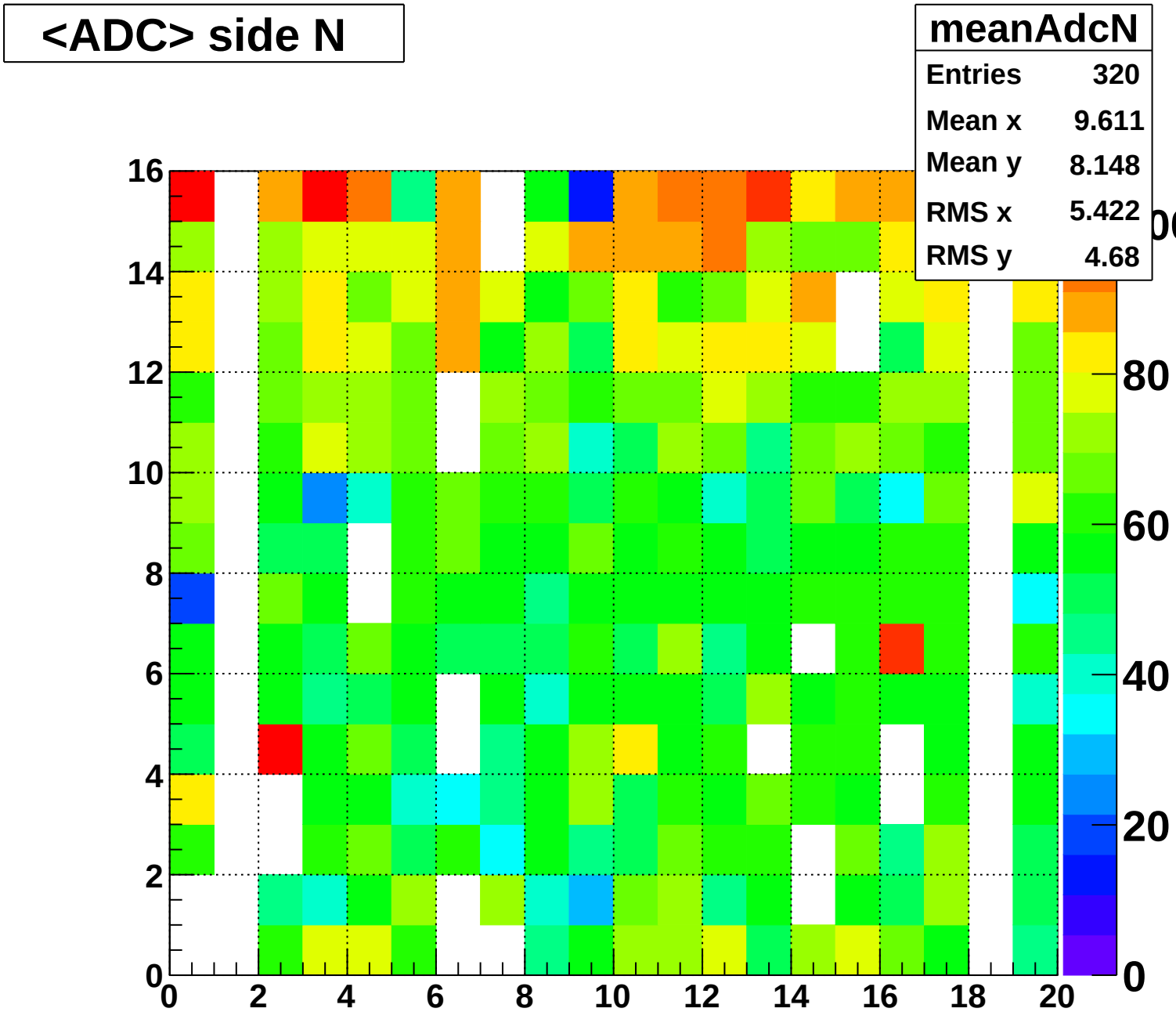

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