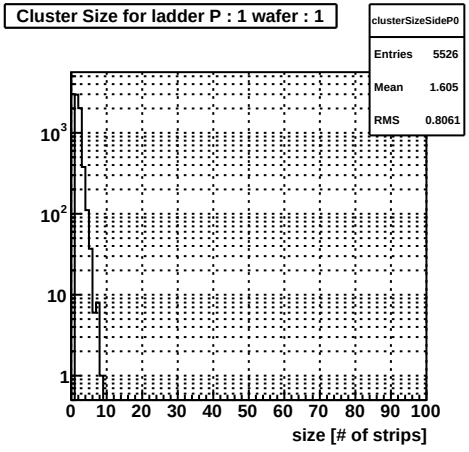
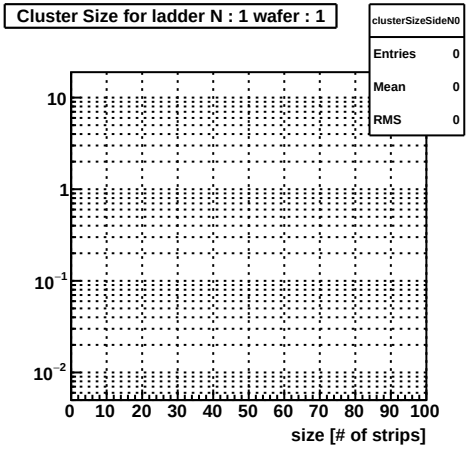
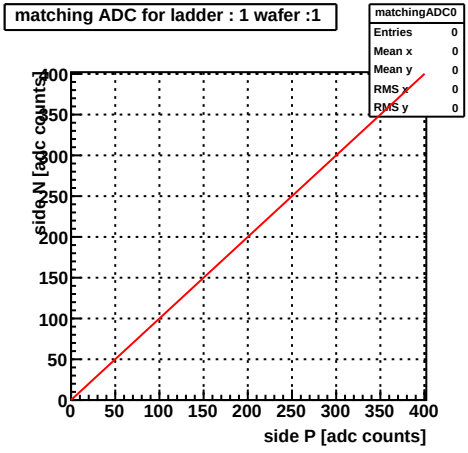
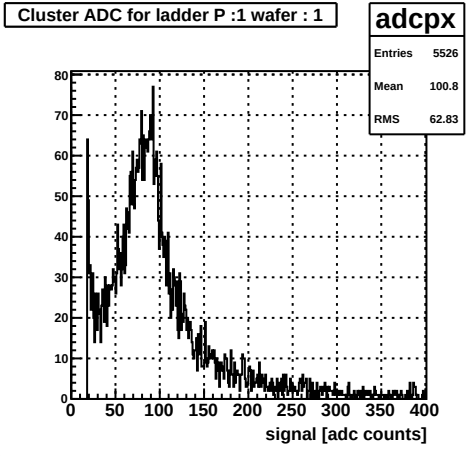
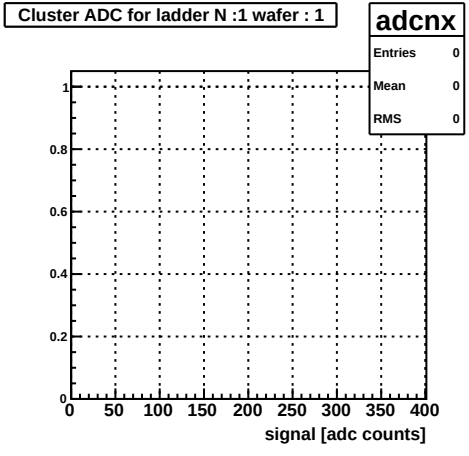
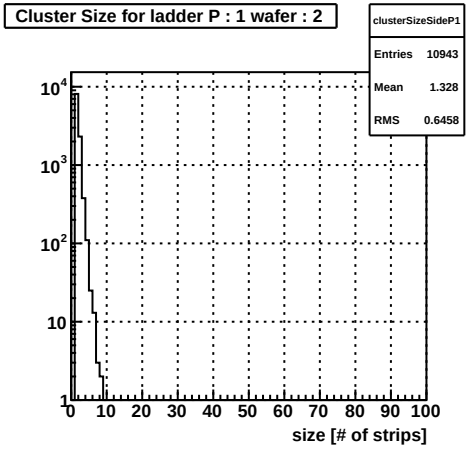

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 5526
Mean 1.605
RMS 0.8061
size [# of strips]

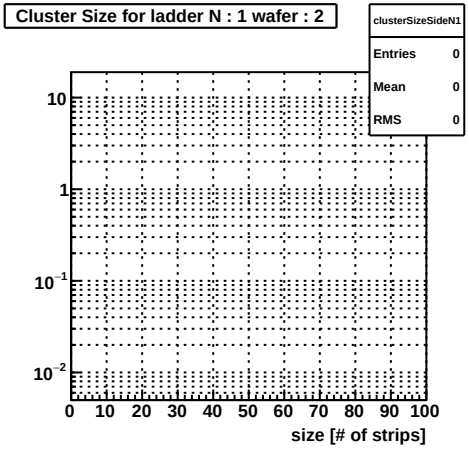

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

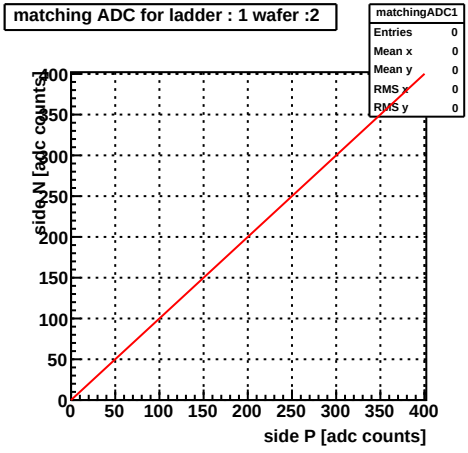

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

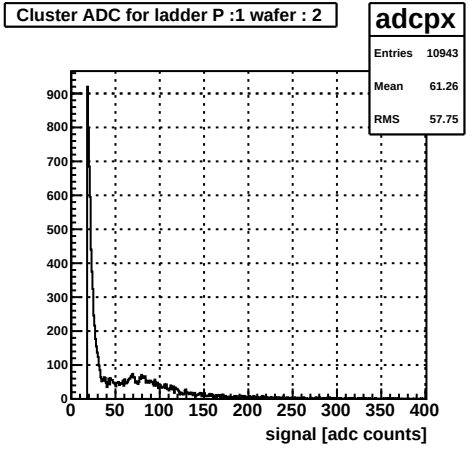

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 5526
Mean 100.8
RMS 62.83
signal [adc counts]

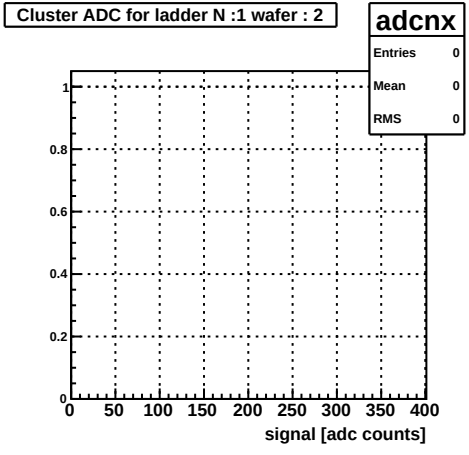

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

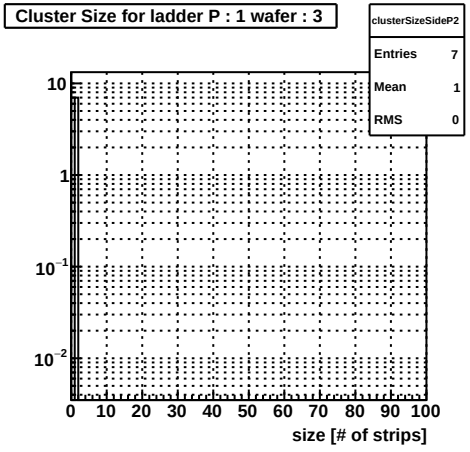

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 10943
Mean 1.328
RMS 0.6458
size [# of strips]

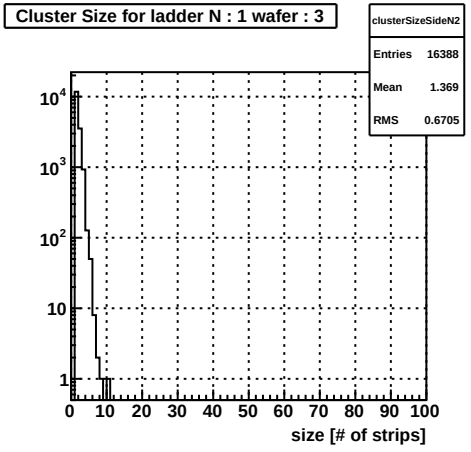

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

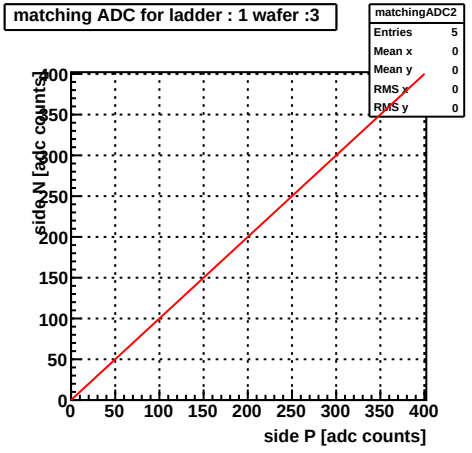

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

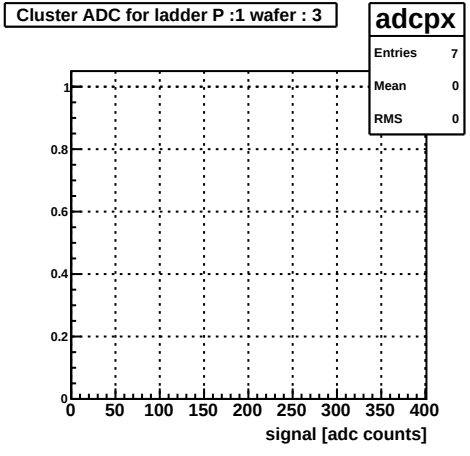

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 10943
Mean 61.26
RMS 57.75
signal [adc counts]

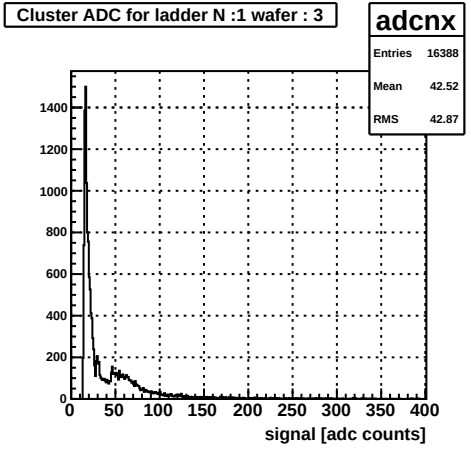

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

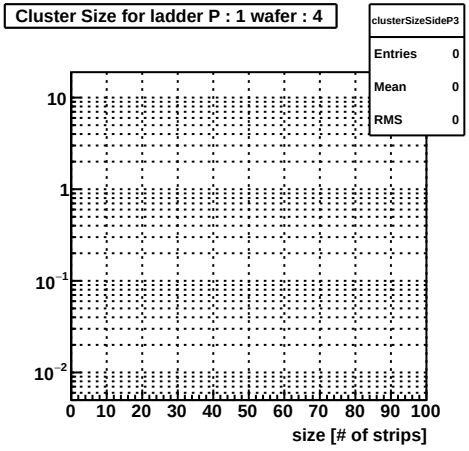

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 7
Mean 1
RMS 0
size [# of strips]

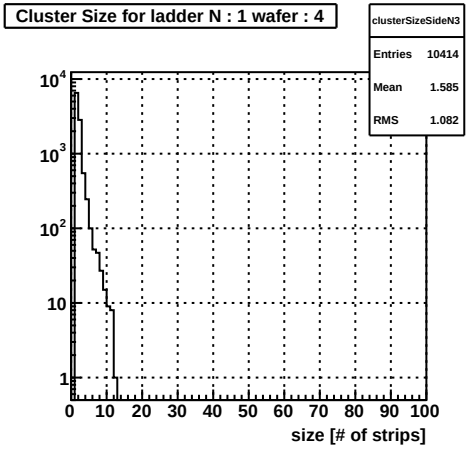

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 16388
Mean 1.369
RMS 0.6705
size [# of strips]

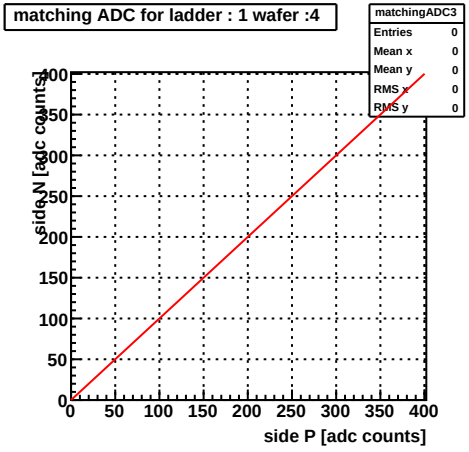

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

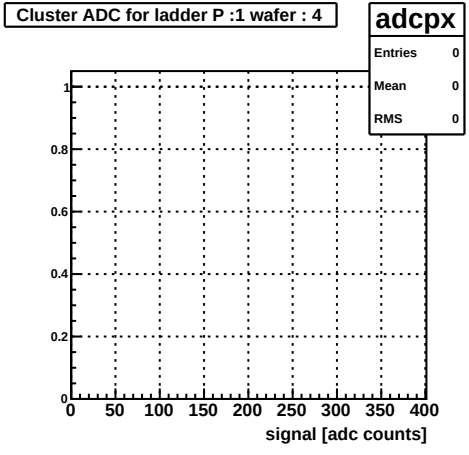

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

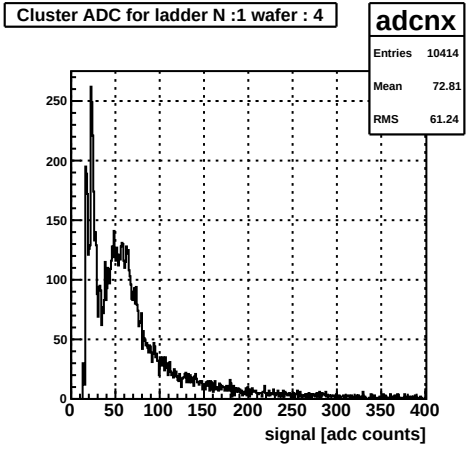

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 16388
Mean 42.52
RMS 42.87
signal [adc counts]

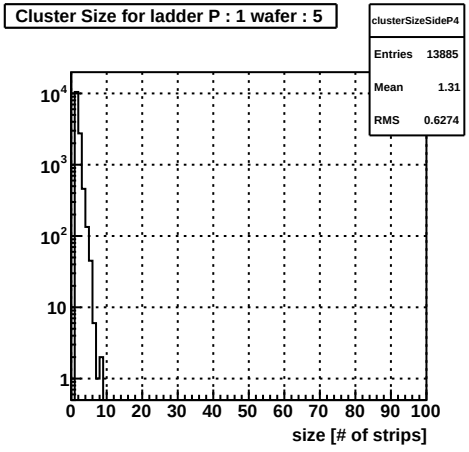

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

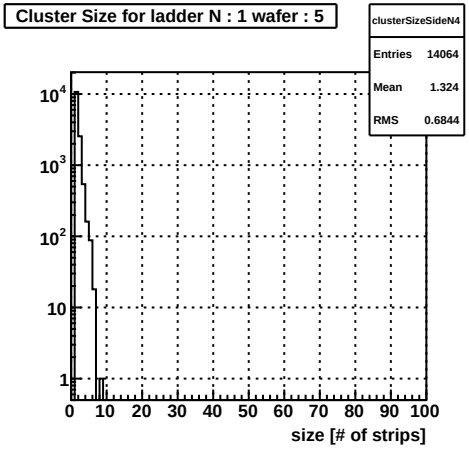

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 10414
Mean 1.585
RMS 1.082
size [# of strips]

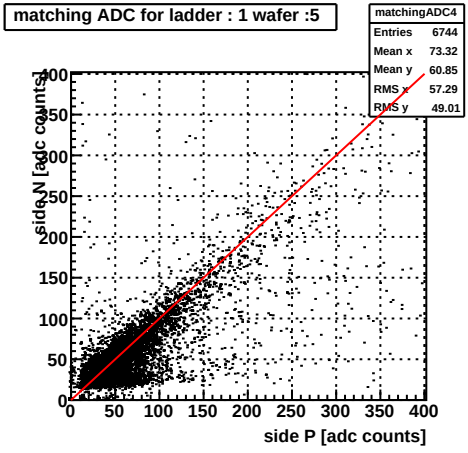

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

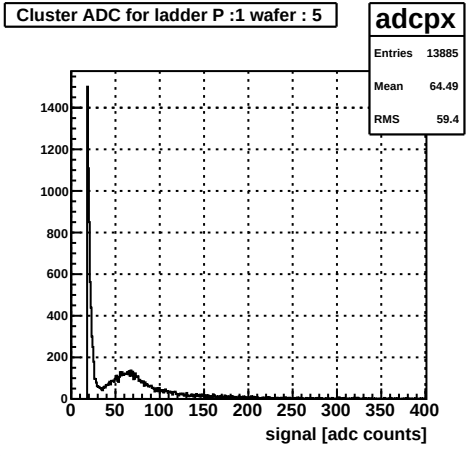

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

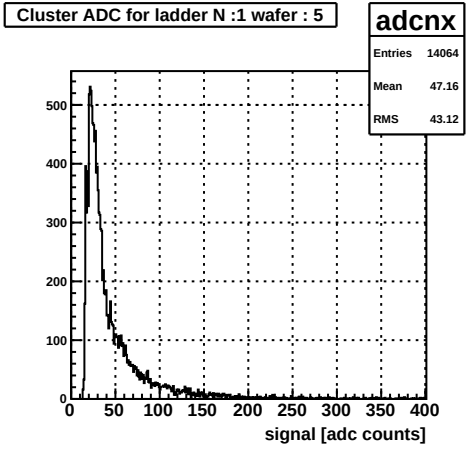

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 10414
Mean 72.81
RMS 61.24
signal [adc counts]

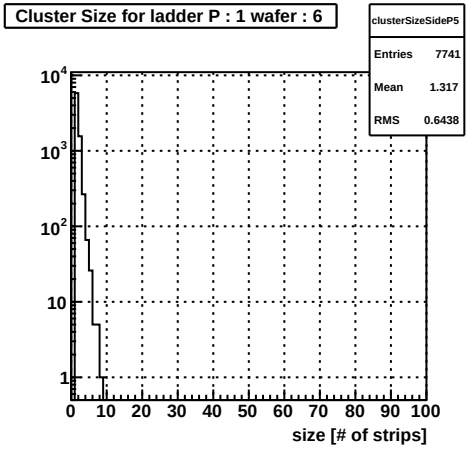

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 13885
Mean 1.31
RMS 0.6274
size [# of strips]

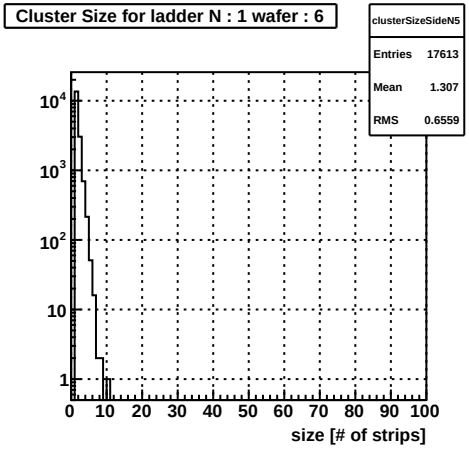

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 14064
Mean 1.324
RMS 0.6844
size [# of strips]

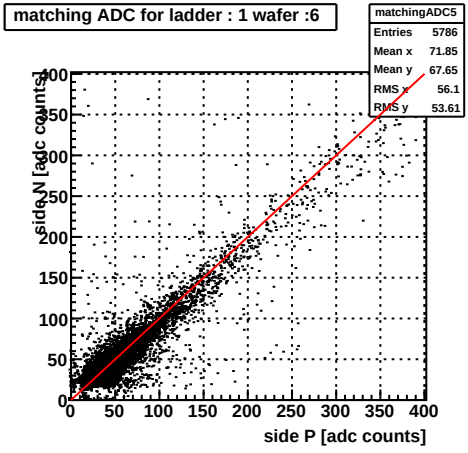

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 6744
Mean x 73.32
Mean y 60.85
RMS x 57.29
RMS y 49.01
side N [adc counts]
side P [adc counts]

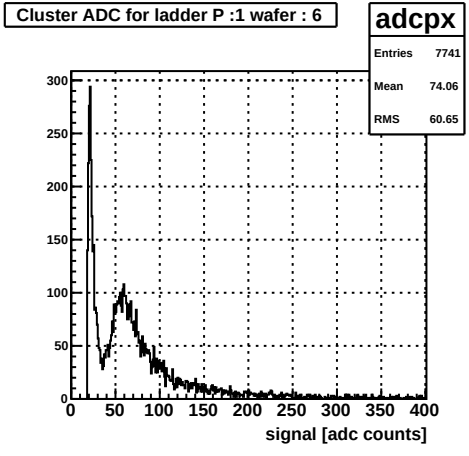

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 13885
Mean 64.49
RMS 59.4
signal [adc counts]

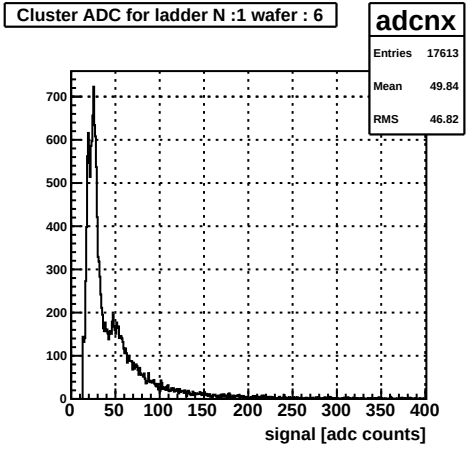

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 14064
Mean 47.16
RMS 43.12
signal [adc counts]

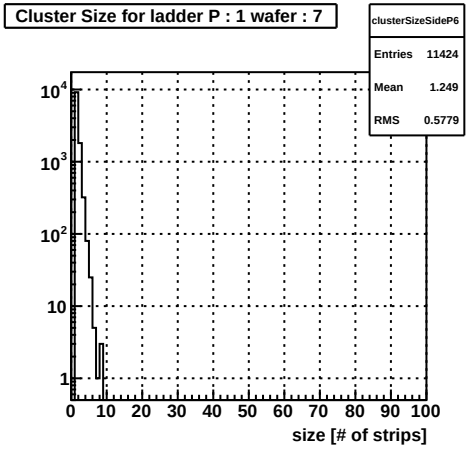

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7741
Mean 1.317
RMS 0.6438
size [# of strips]

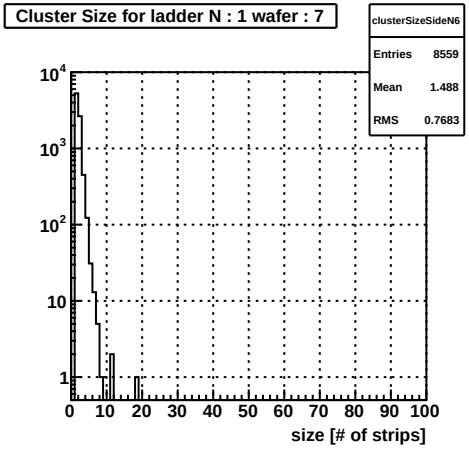

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 17613
Mean 1.307
RMS 0.6559
size [# of strips]

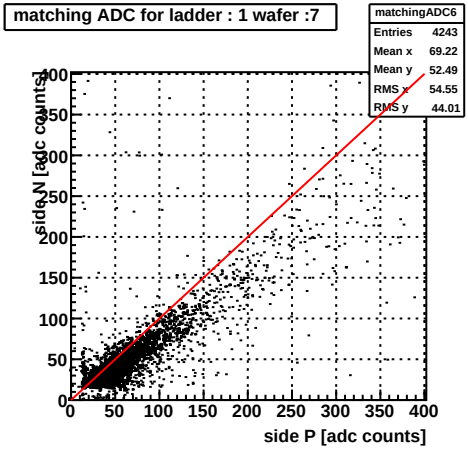

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 5786
Mean x 71.85
Mean y 67.65
RMS x 56.1
RMS y 53.61
side N [adc counts]
side P [adc counts]

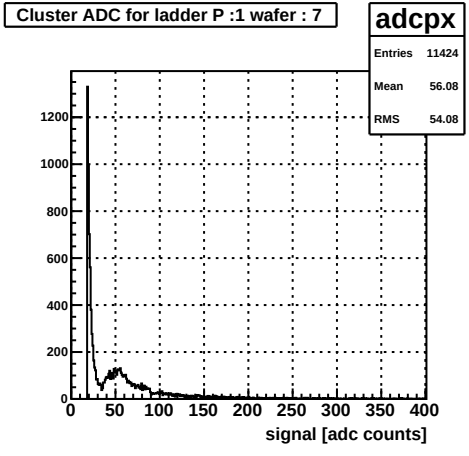

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7741
Mean 74.06
RMS 60.65
signal [adc counts]

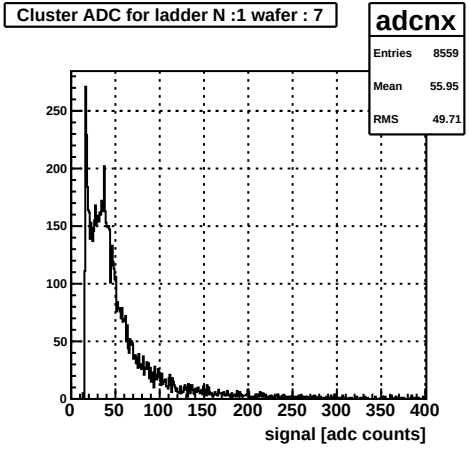

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 17613
Mean 49.84
RMS 46.82
signal [adc counts]

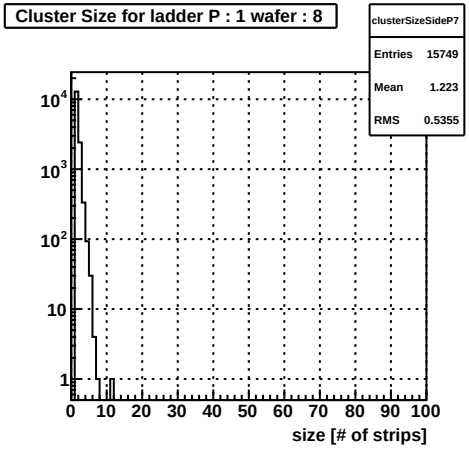

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 11424
Mean 1.249
RMS 0.5779
size [# of strips]

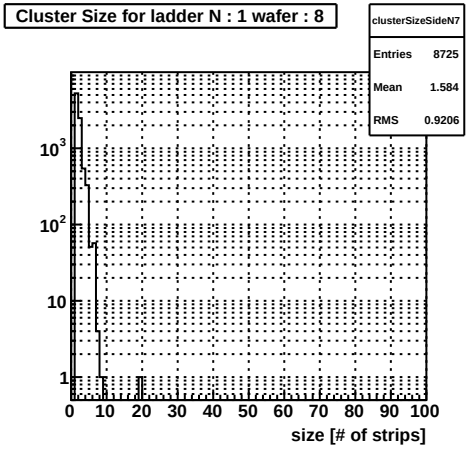

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 8559
Mean 1.488
RMS 0.7683
size [# of strips]

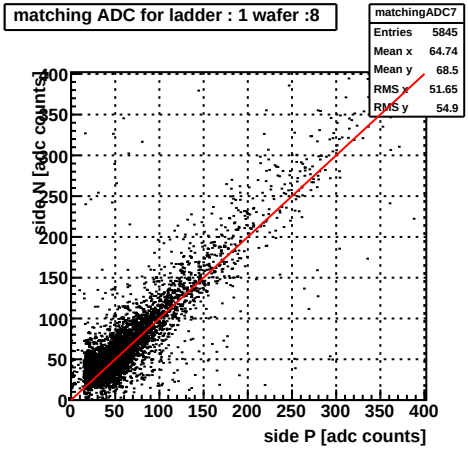

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 4243
Mean x 69.22
Mean y 52.49
RMS x 54.55
RMS y 44.01
side N [adc counts]
side P [adc counts]

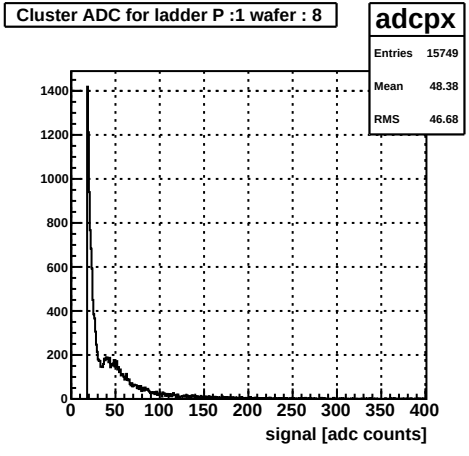

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 11424
Mean 56.08
RMS 54.08
signal [adc counts]

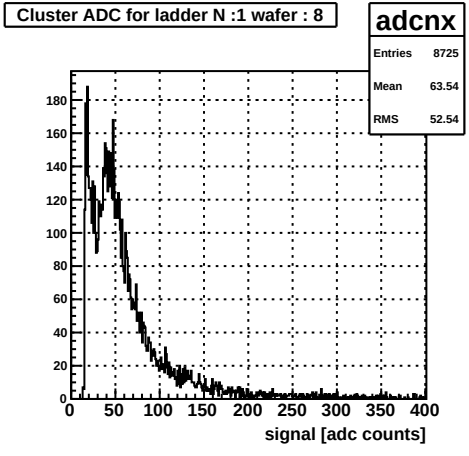

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 8559
Mean 55.95
RMS 49.71
signal [adc counts]

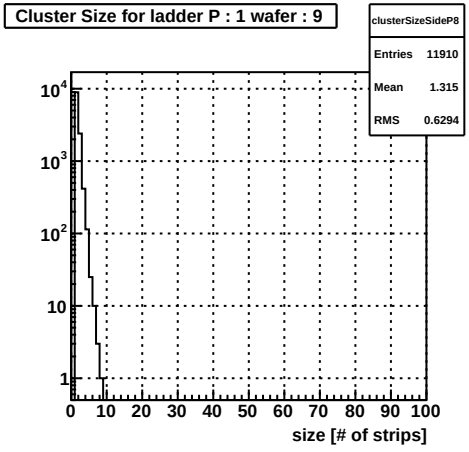

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 15749
Mean 1.223
RMS 0.5355
size [# of strips]

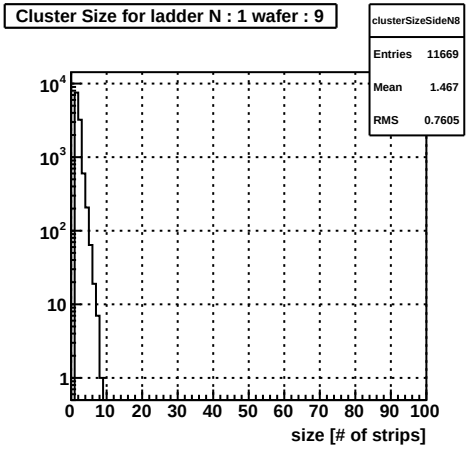

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 8725
Mean 1.584
RMS 0.9206
size [# of strips]

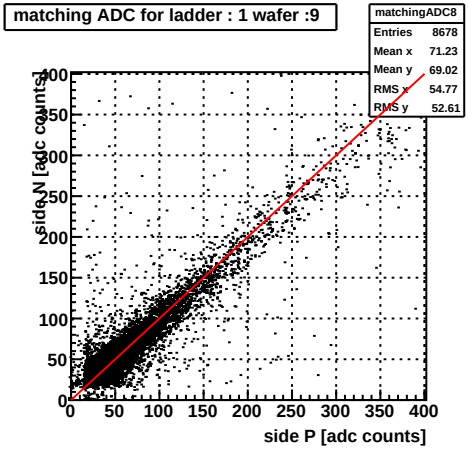

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 5845
Mean x 64.74
Mean y 68.5
RMS x 51.65
RMS y 54.9
side N [adc counts]
side P [adc counts]

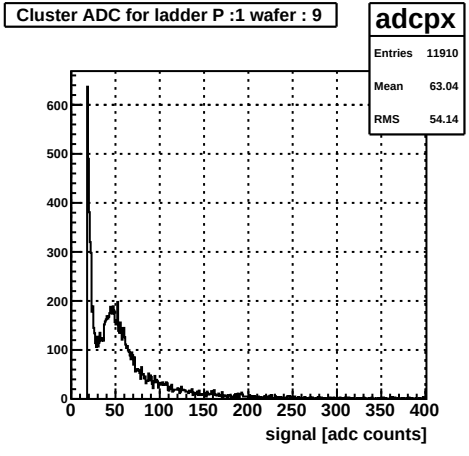

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 15749
Mean 48.38
RMS 46.68
signal [adc counts]

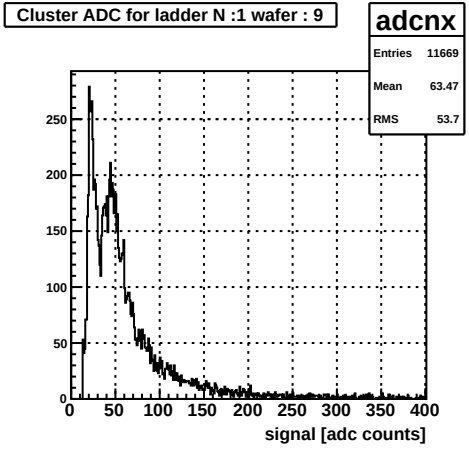

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 8725
Mean 63.54
RMS 52.54
signal [adc counts]

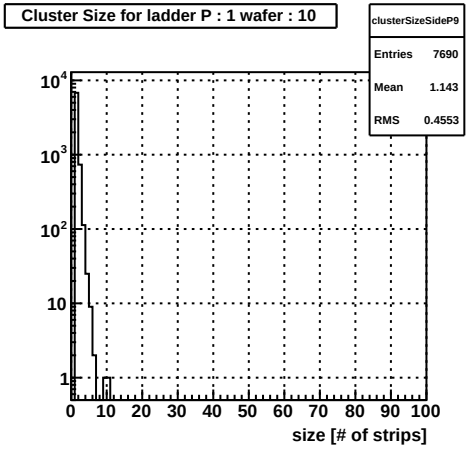

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 11910
Mean 1.315
RMS 0.6294
size [# of strips]

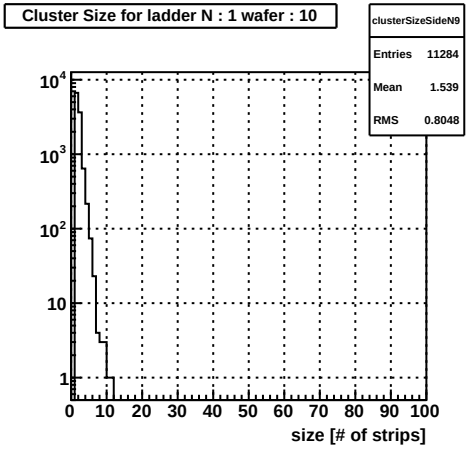

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 11669
Mean 1.467
RMS 0.7605
size [# of strips]

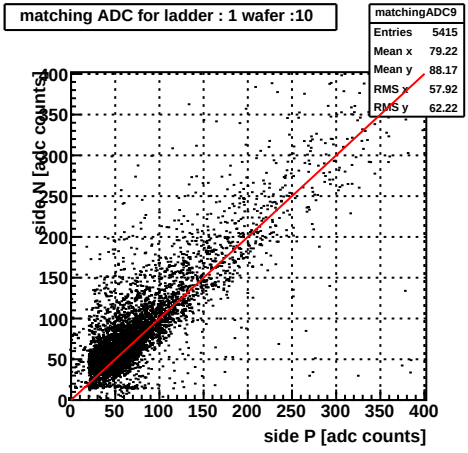

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 8678
Mean x 71.23
Mean y 69.02
RMS x 54.77
RMS y 52.61
side N [adc counts]
side P [adc counts]

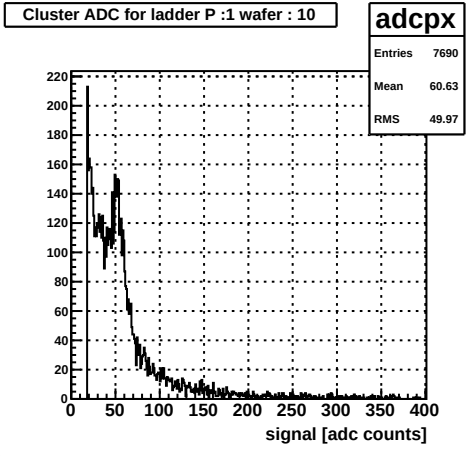

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 11910
Mean 63.04
RMS 54.14
signal [adc counts]

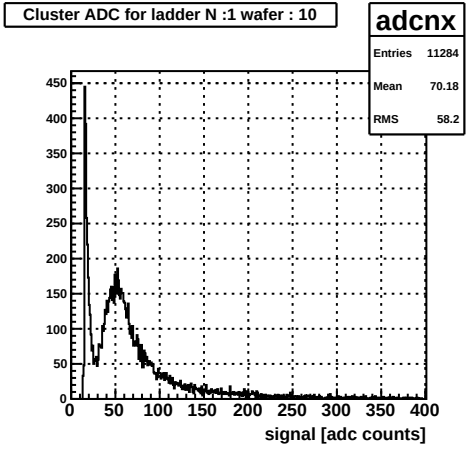

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 11669
Mean 63.47
RMS 53.7
signal [adc counts]

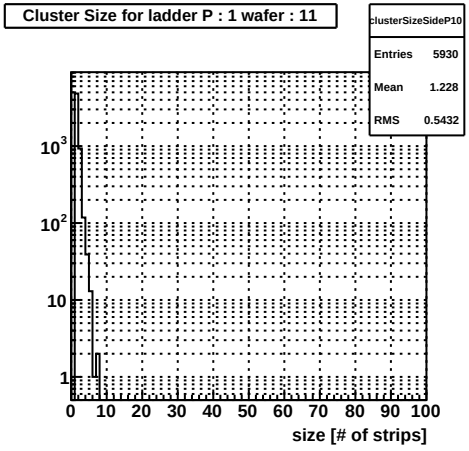

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 7690
Mean 1.143
RMS 0.4553
size [# of strips]

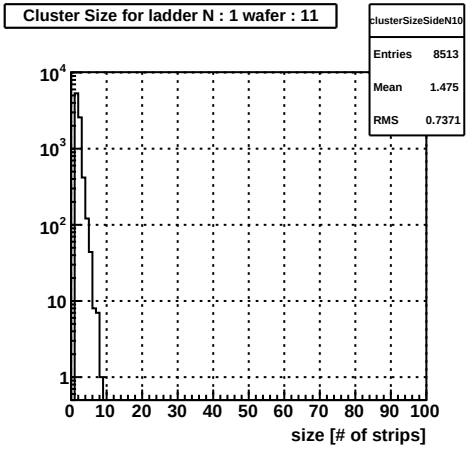

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 11284
Mean 1.539
RMS 0.8048
size [# of strips]

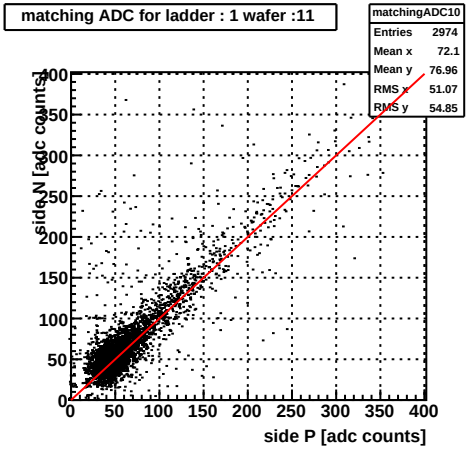

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 5415
Mean x 79.22
Mean y 88.17
RMS x 57.92
RMS y 62.22
side N [adc counts]
side P [adc counts]

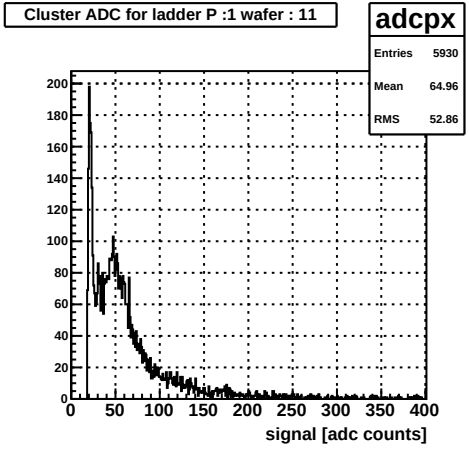

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 7690
Mean 60.63
RMS 49.97
signal [adc counts]

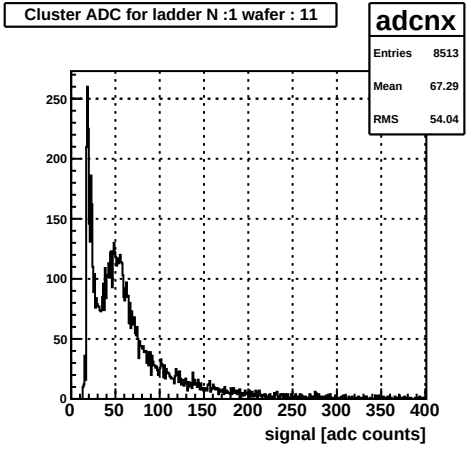

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 11284
Mean 70.18
RMS 58.2
signal [adc counts]

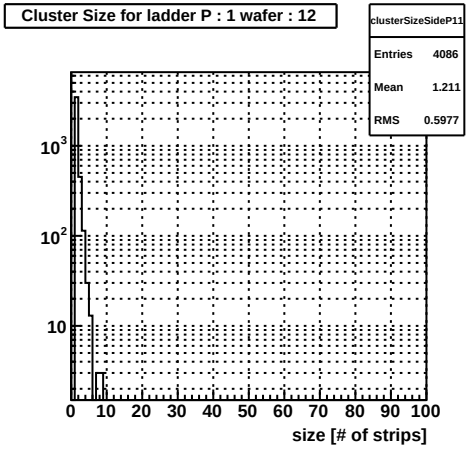

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5930
Mean 1.228
RMS 0.5432
size [# of strips]

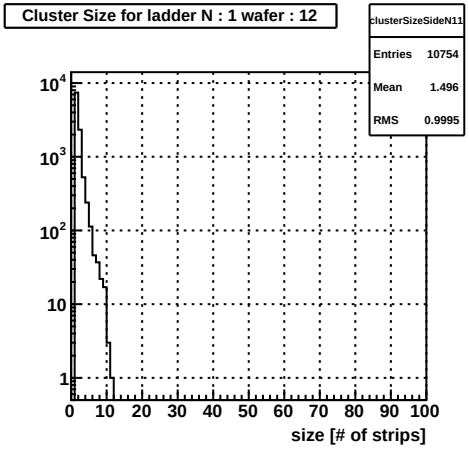

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 8513
Mean 1.475
RMS 0.7371
size [# of strips]

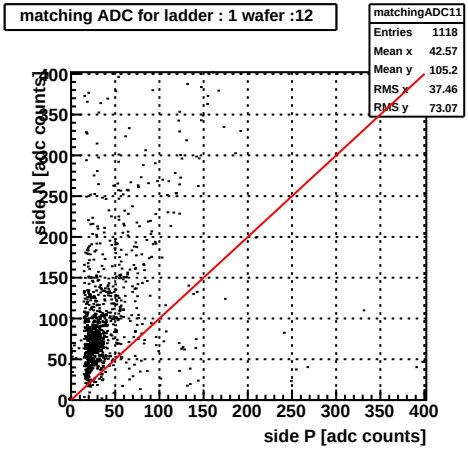

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 2974
Mean x 72.1
Mean y 76.96
RMS x 51.07
RMS y 54.85
side N [adc counts]
side P [adc counts]

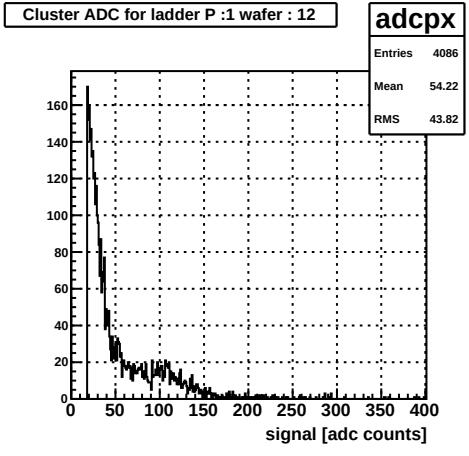

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5930
Mean 64.96
RMS 52.86
signal [adc counts]

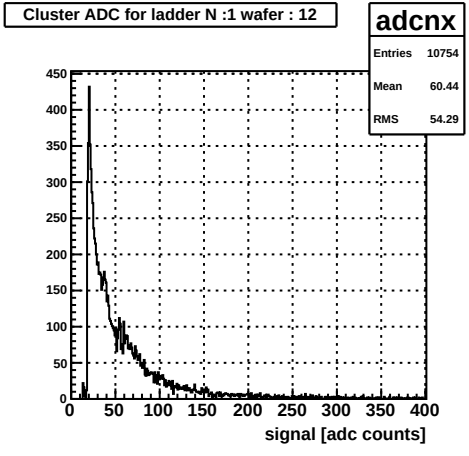

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 8513
Mean 67.29
RMS 54.04
signal [adc counts]

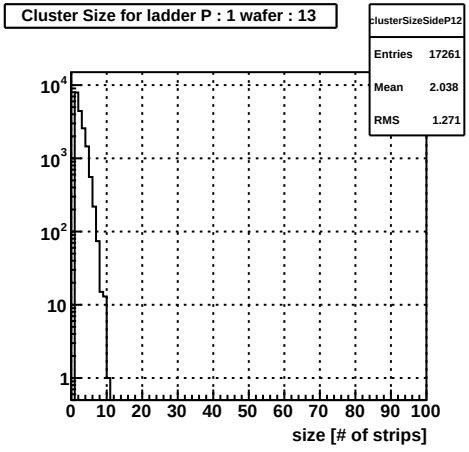

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4086
Mean 1.211
RMS 0.5977
size [# of strips]

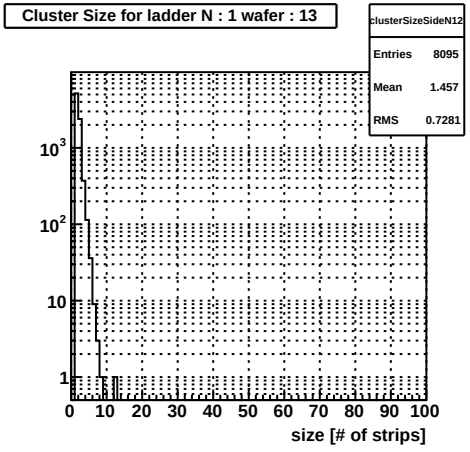

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 10754
Mean 1.496
RMS 0.9995
size [# of strips]

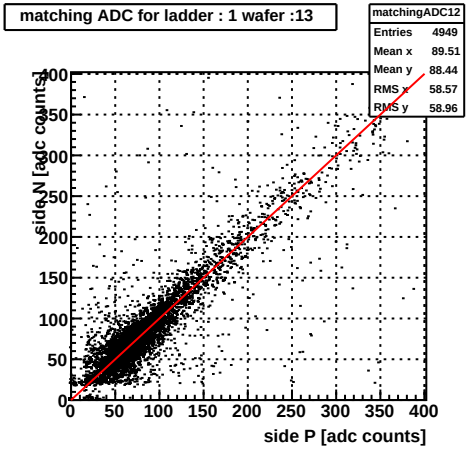

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1118
Mean x 42.57
Mean y 105.2
RMS x 37.46
RMS y 73.07
side N [adc counts]
side P [adc counts]

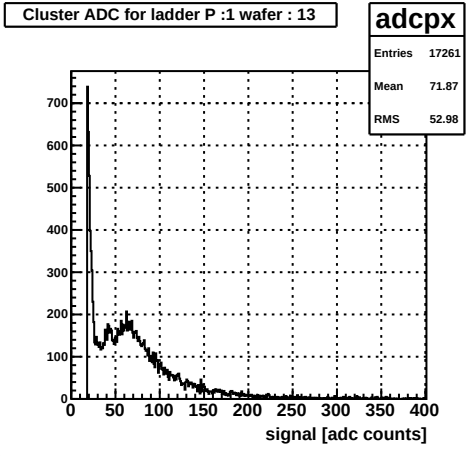

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4086
Mean 54.22
RMS 43.82
signal [adc counts]

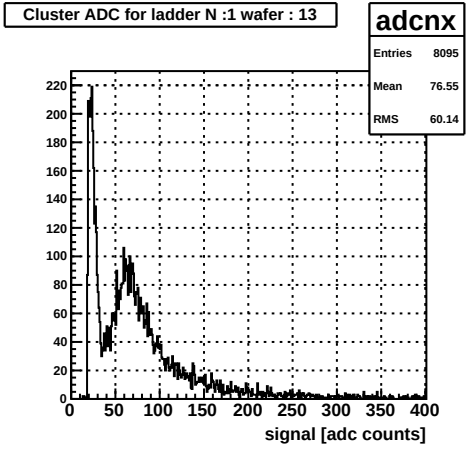

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 10754
Mean 60.44
RMS 54.29
signal [adc counts]

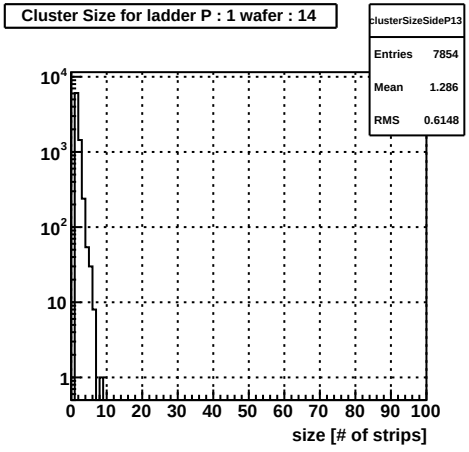

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 17261
Mean 2.038
RMS 1.271
size [# of strips]

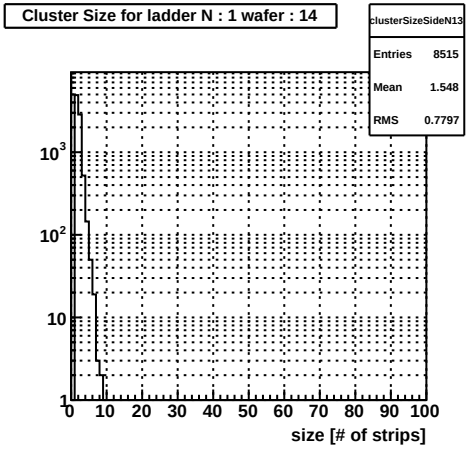

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 8095
Mean 1.457
RMS 0.7281
size [# of strips]

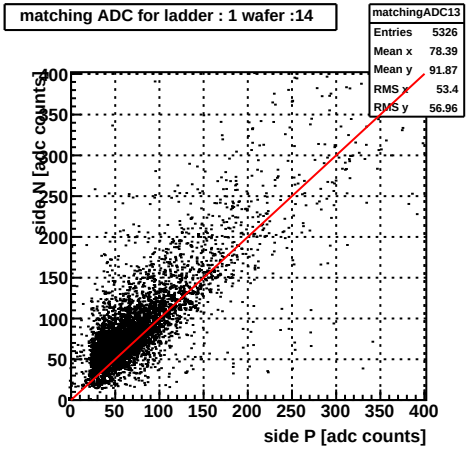

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 4949
Mean x 89.51
Mean y 88.44
RMS x 58.57
RMS y 58.96
side N [adc counts]
side P [adc counts]

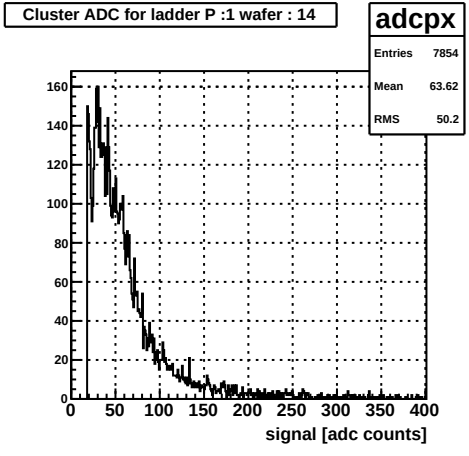

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 17261
Mean 71.87
RMS 52.98
signal [adc counts]

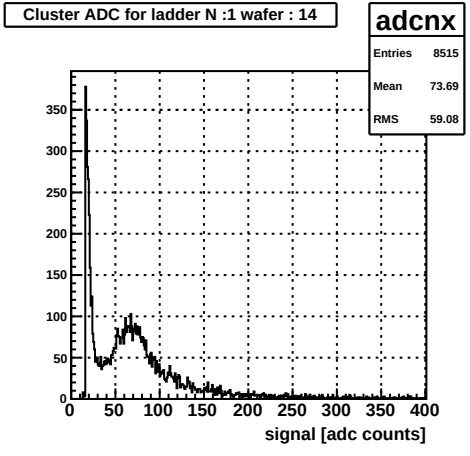

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 8095
Mean 76.55
RMS 60.14
signal [adc counts]

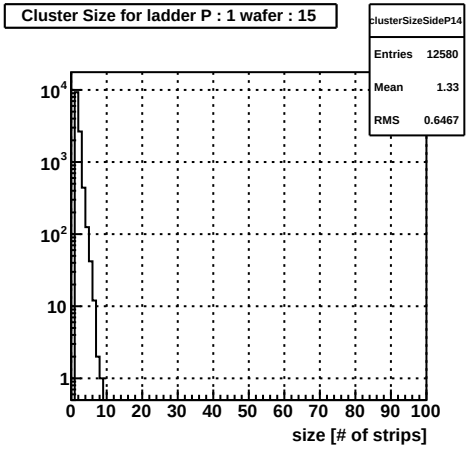

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 7854
Mean 1.286
RMS 0.6148
size [# of strips]

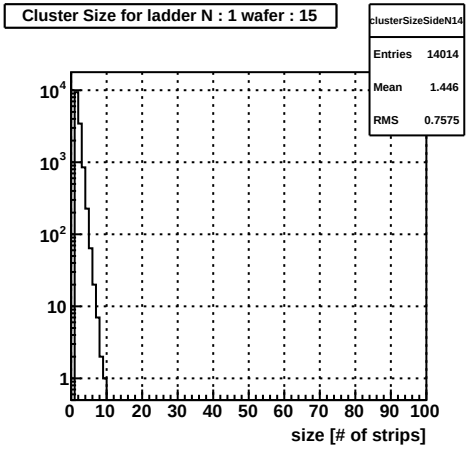

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 8515
Mean 1.548
RMS 0.7797
size [# of strips]

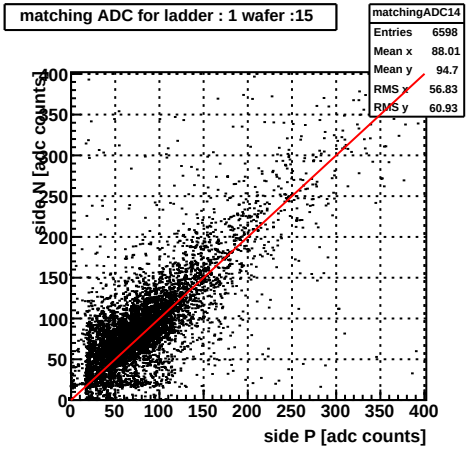

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 5326
Mean x 78.39
Mean y 91.87
RMS x 53.4
RMS y 56.96
side N [adc counts]
side P [adc counts]

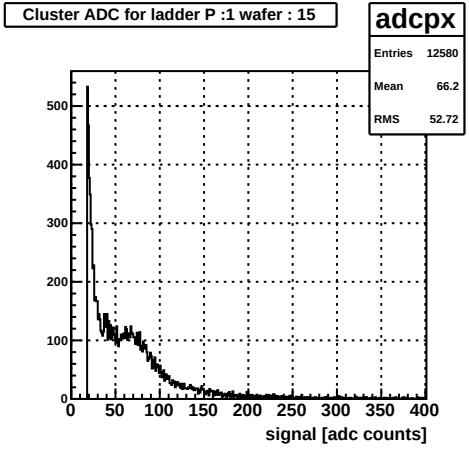

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 7854
Mean 63.62
RMS 50.2
signal [adc counts]

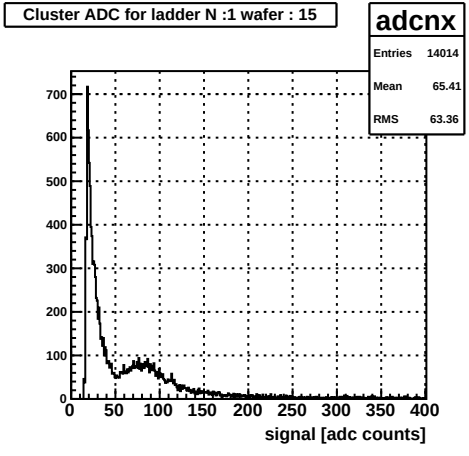

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 8515
Mean 73.69
RMS 59.08
signal [adc counts]

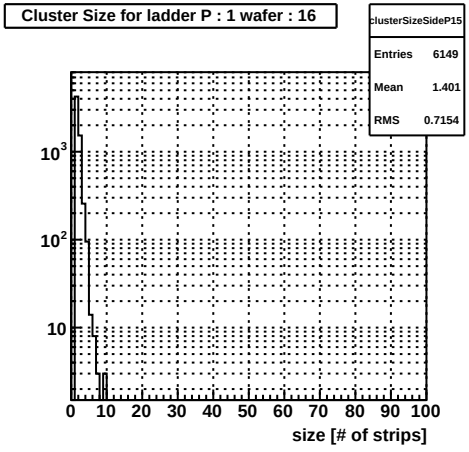

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 12580
Mean 1.33
RMS 0.6467
size [# of strips]

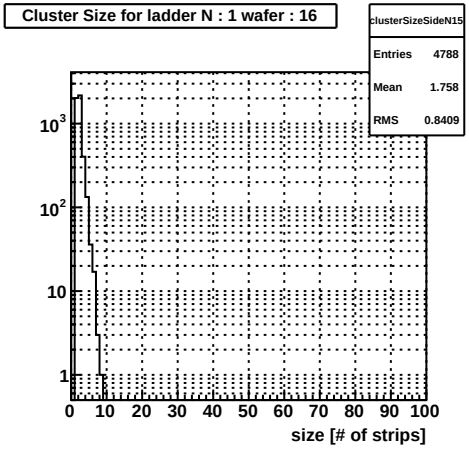

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 14014
Mean 1.446
RMS 0.7575
size [# of strips]

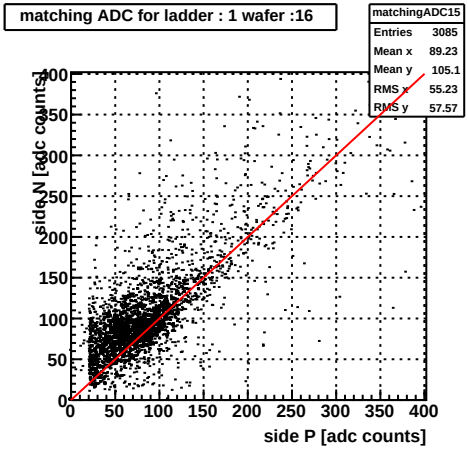

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 6598
Mean x 88.01
Mean y 94.7
RMS x 56.83
RMS y 60.93
side N [adc counts]
side P [adc counts]

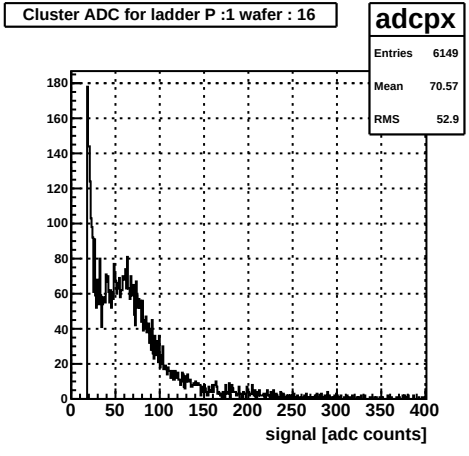

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 12580
Mean 66.2
RMS 52.72
signal [adc counts]

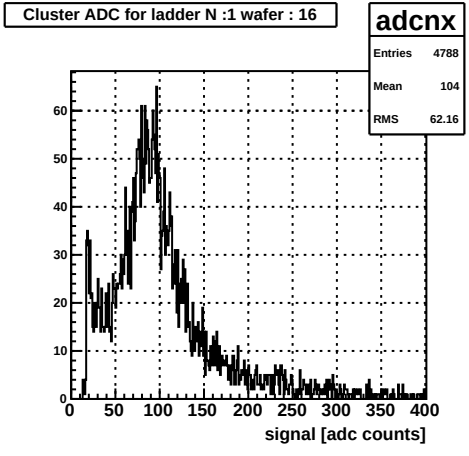

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 14014
Mean 65.41
RMS 63.36
signal [adc counts]

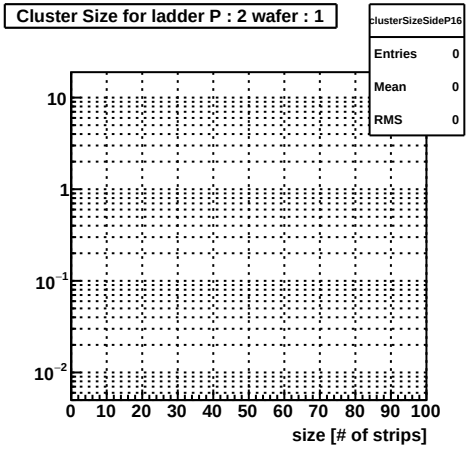

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 6149
Mean 1.401
RMS 0.7154
size [# of strips]

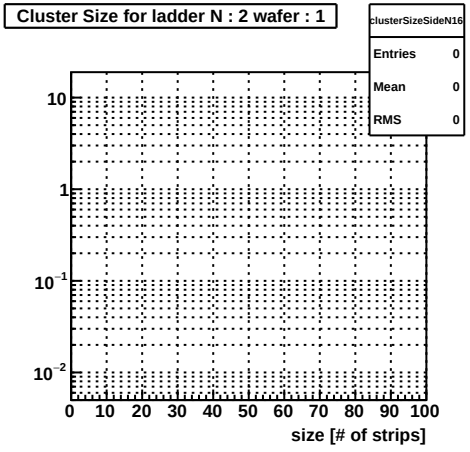

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 4788
Mean 1.758
RMS 0.8409
size [# of strips]

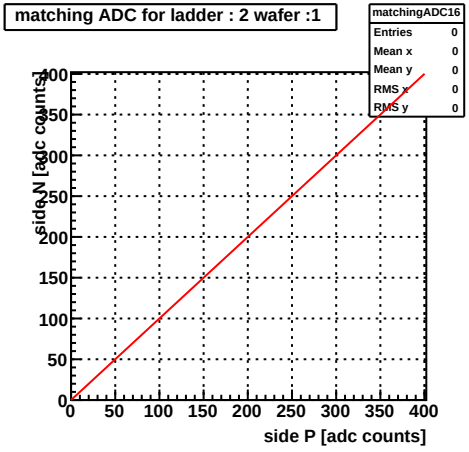

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 3085
Mean x 89.23
Mean y 105.1
RMS x 55.23
RMS y 57.57
side N [adc counts]
side P [adc counts]

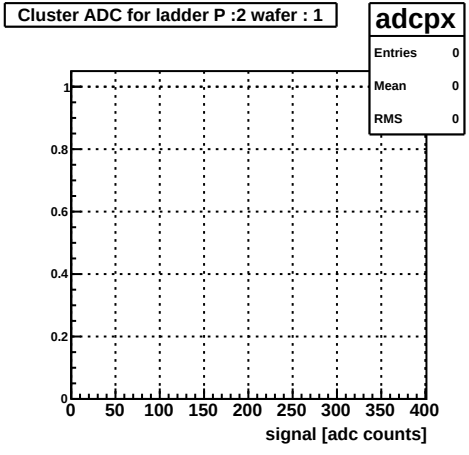

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 6149
Mean 70.57
RMS 52.9
signal [adc counts]

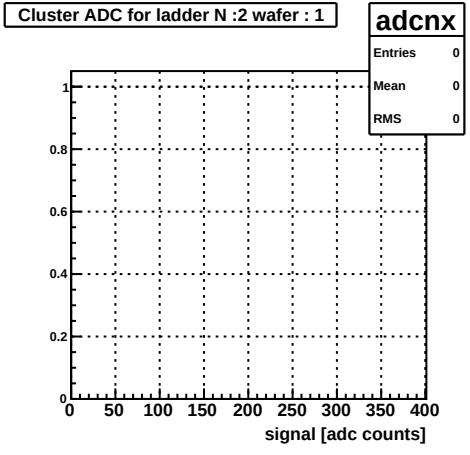

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 4788
Mean 104
RMS 62.16
signal [adc counts]

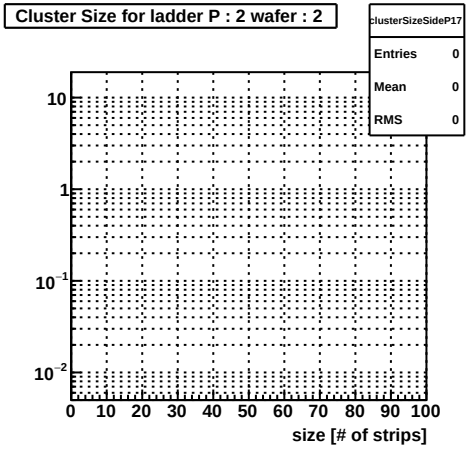

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

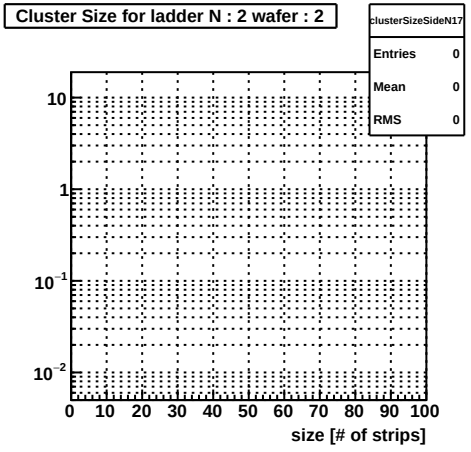

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

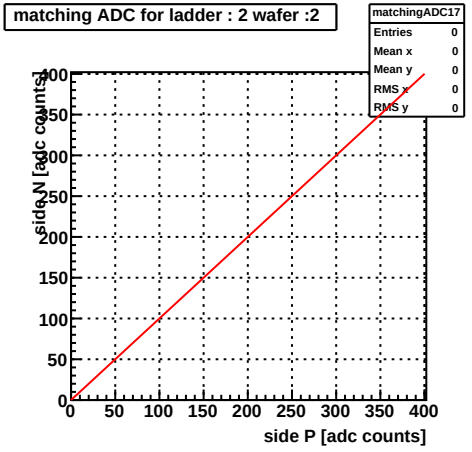

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

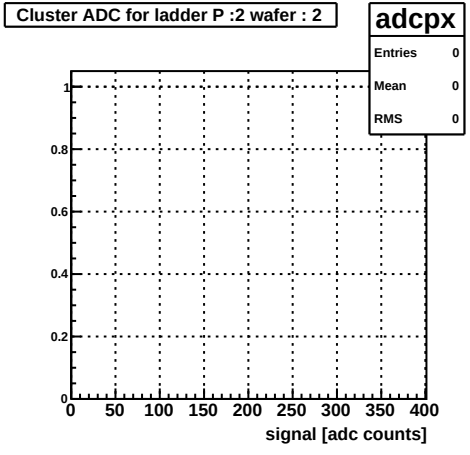

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

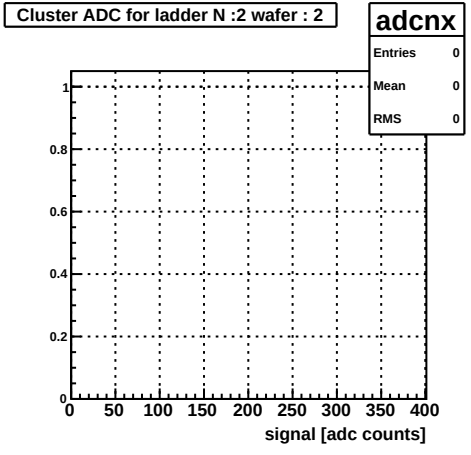

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

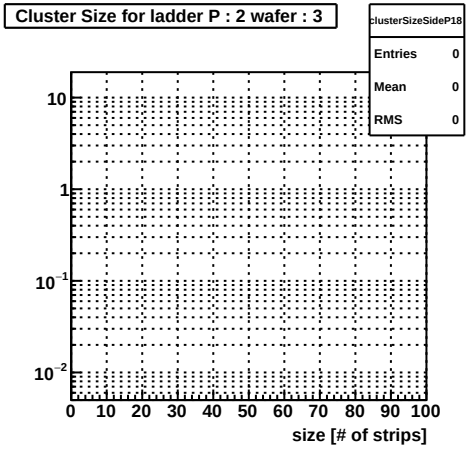

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

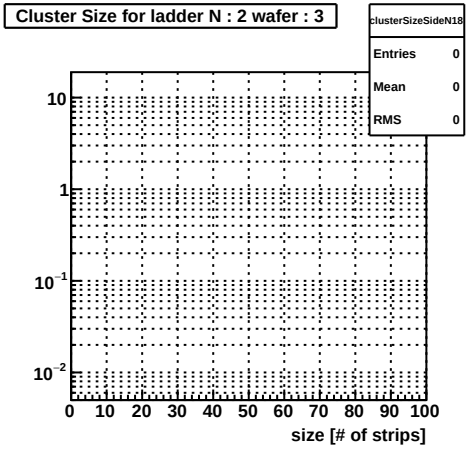

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

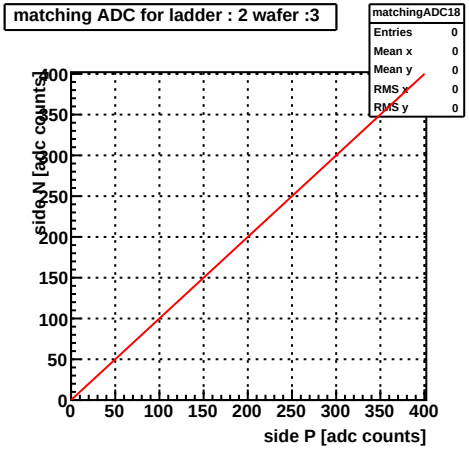

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

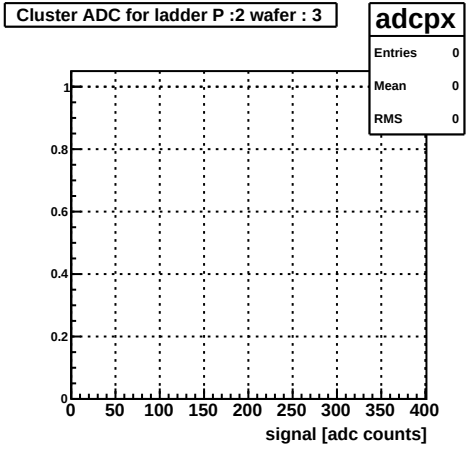

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

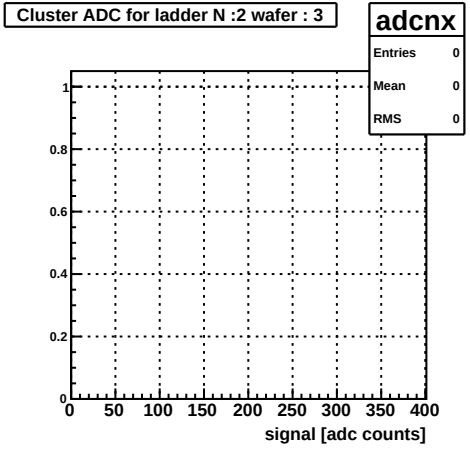

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

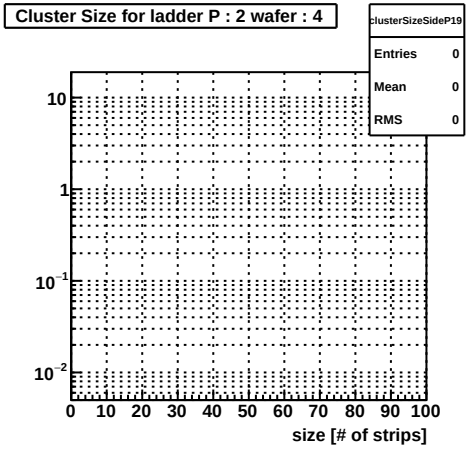

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

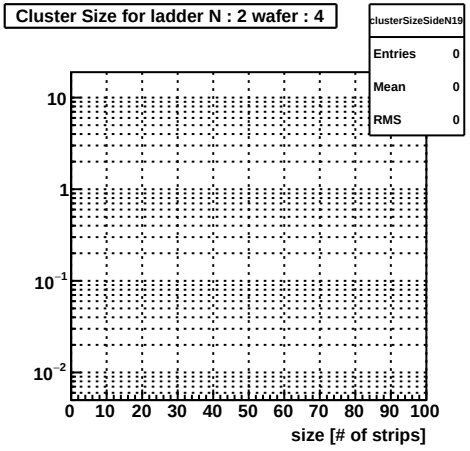

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

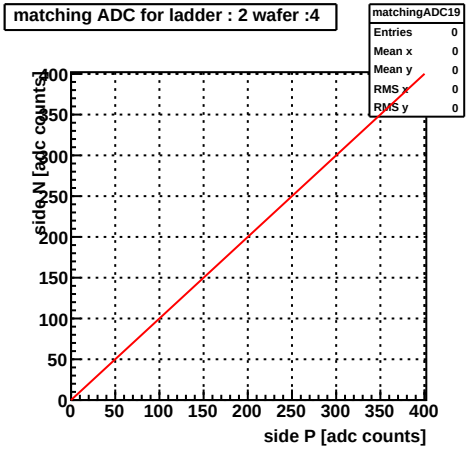

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

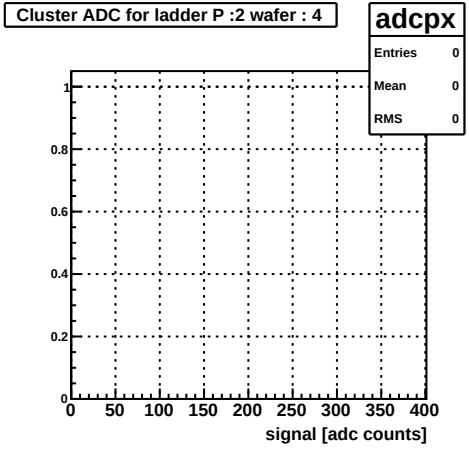

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

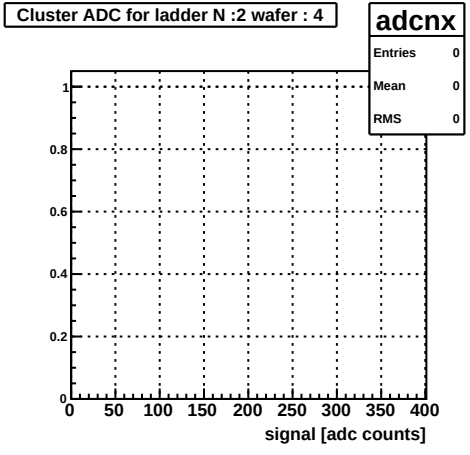

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

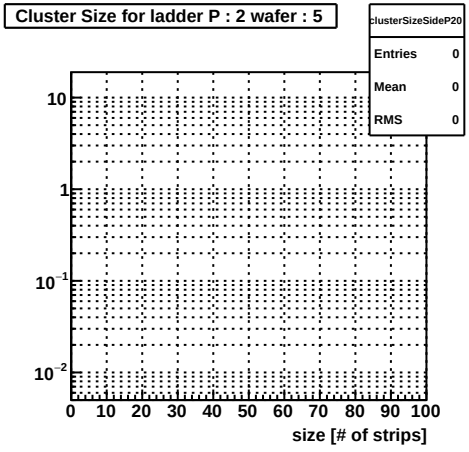

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

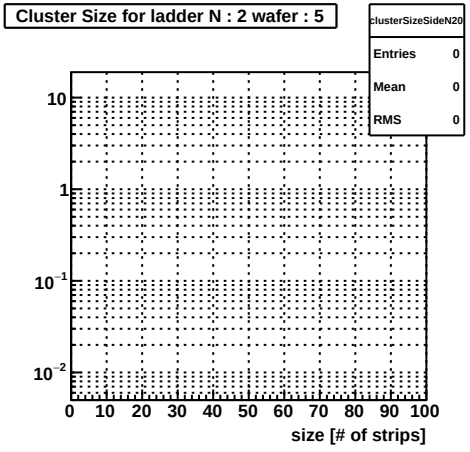

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

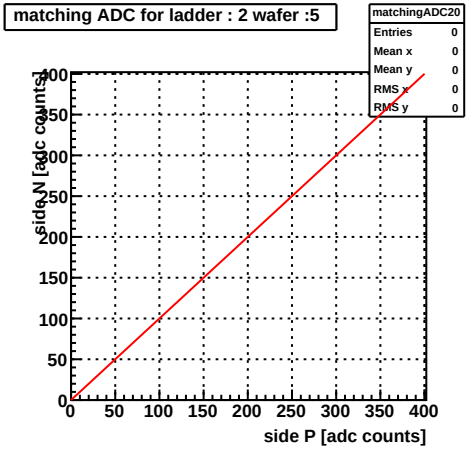

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

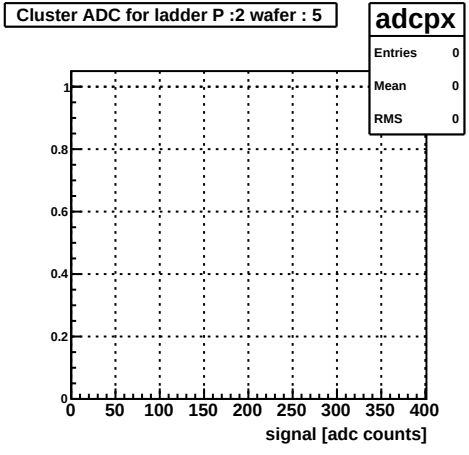

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

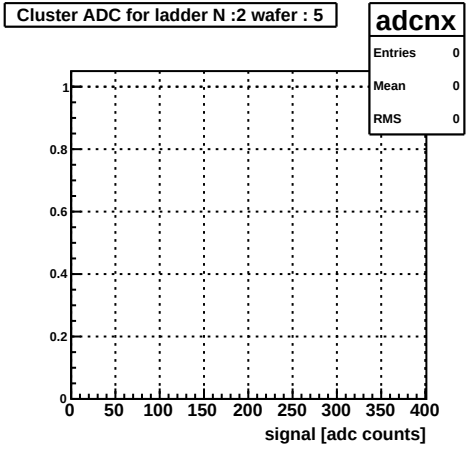

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

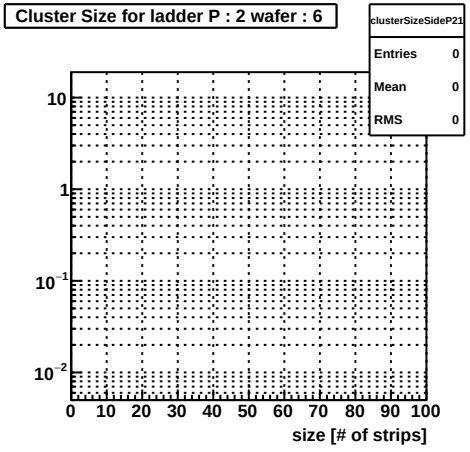

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

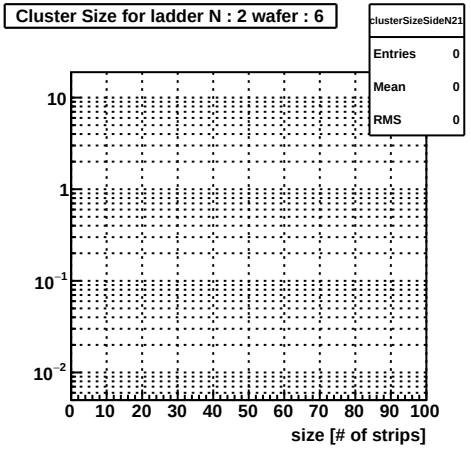

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

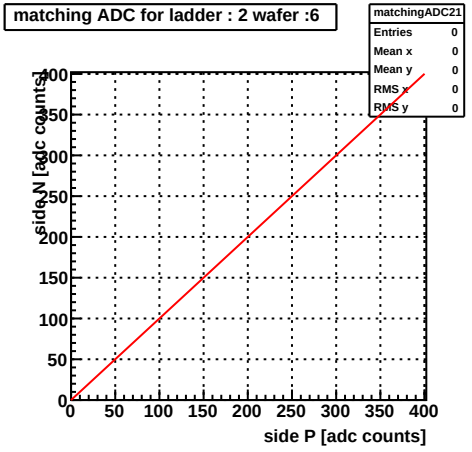

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

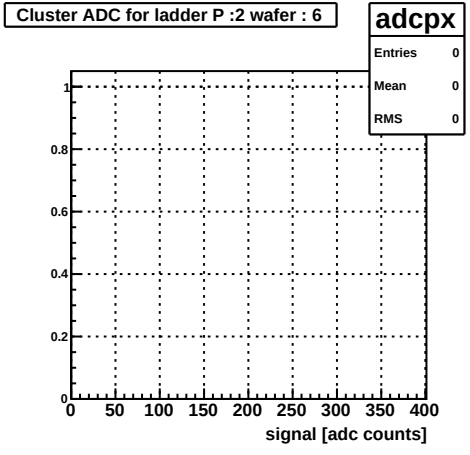

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

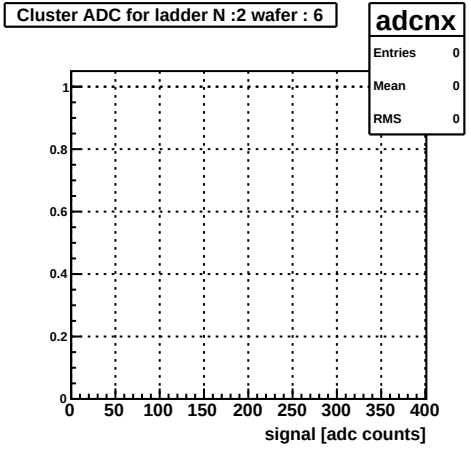

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

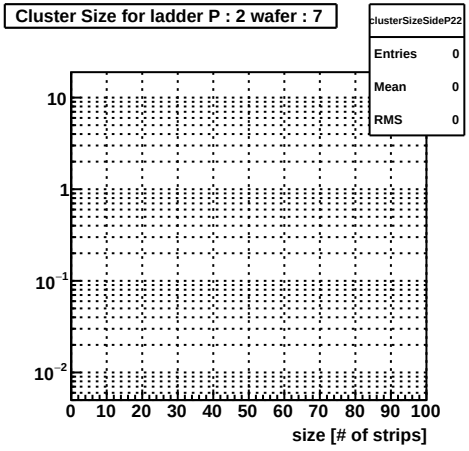

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

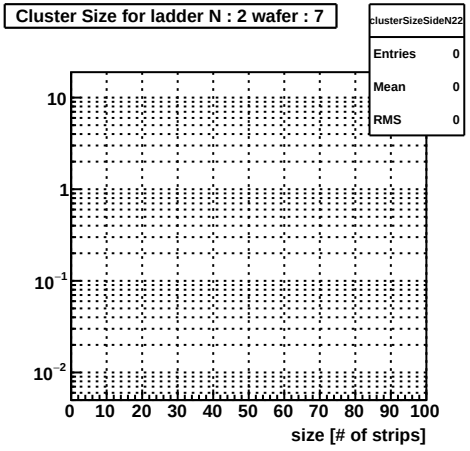

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

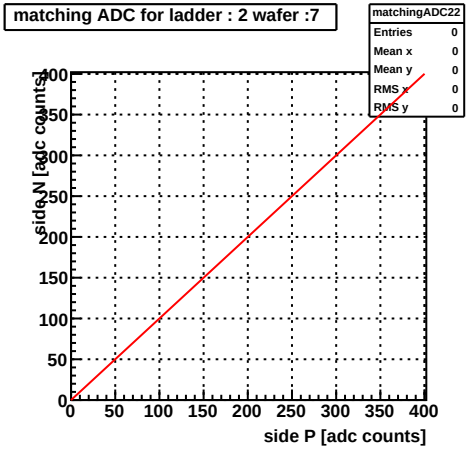

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

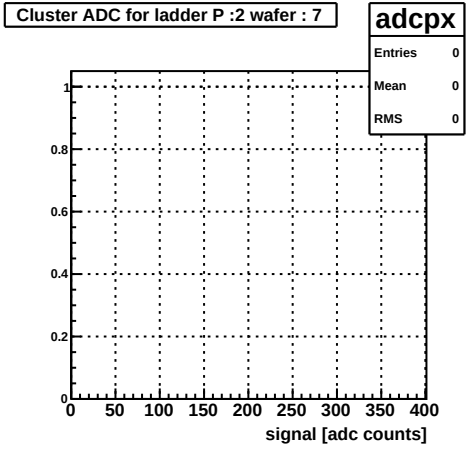

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

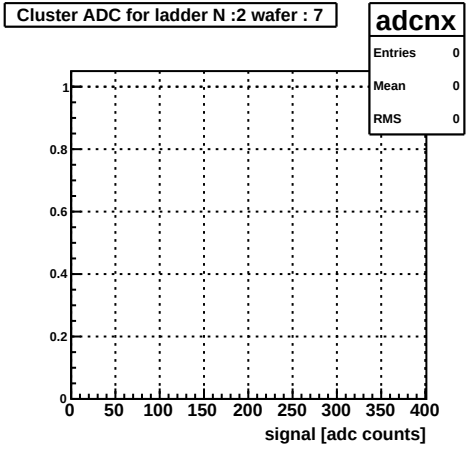

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

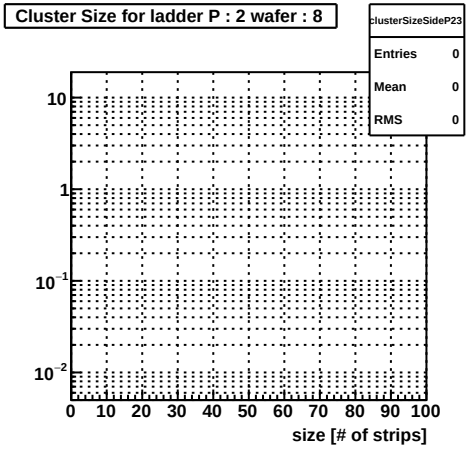

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

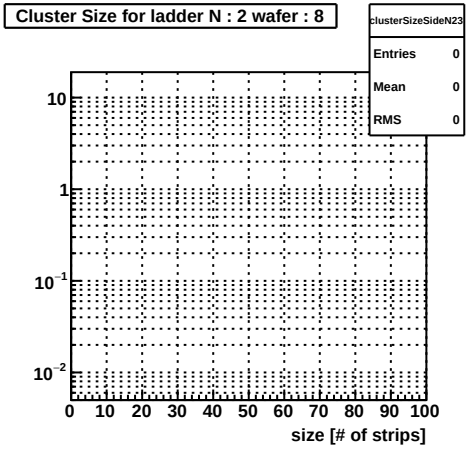

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

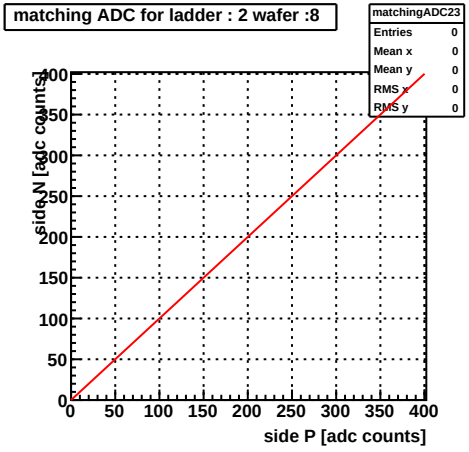

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

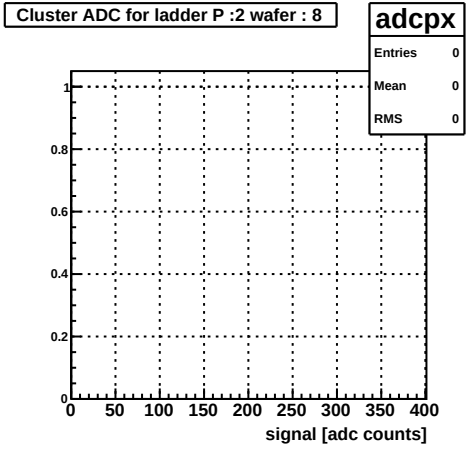

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

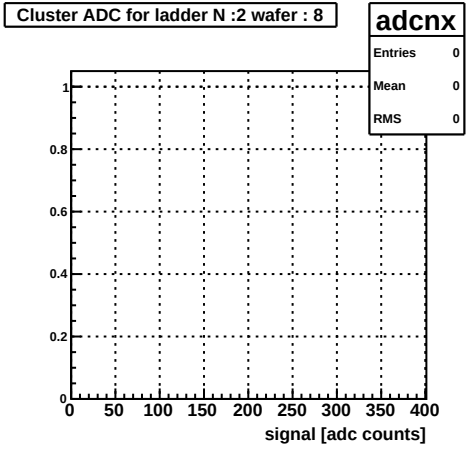

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

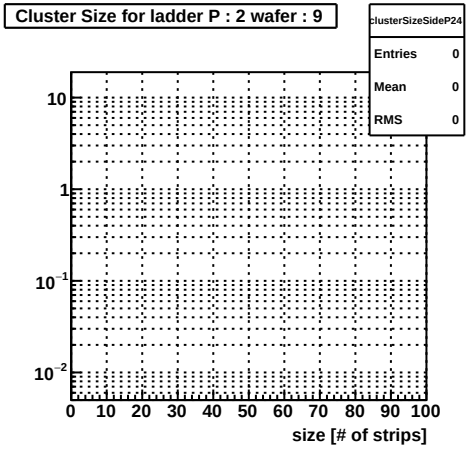

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

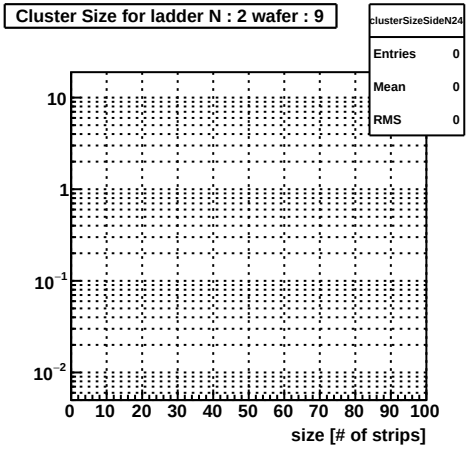

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

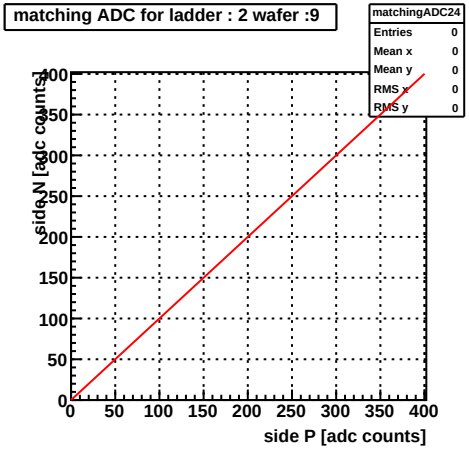

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

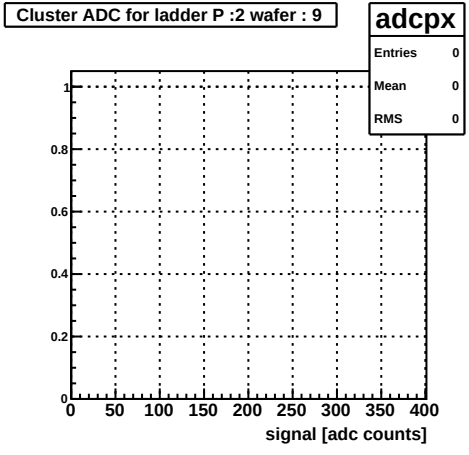

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

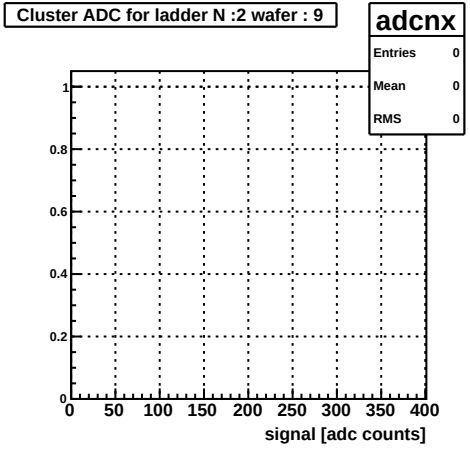

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

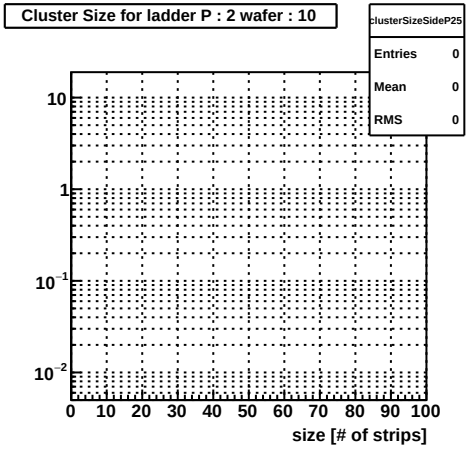

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

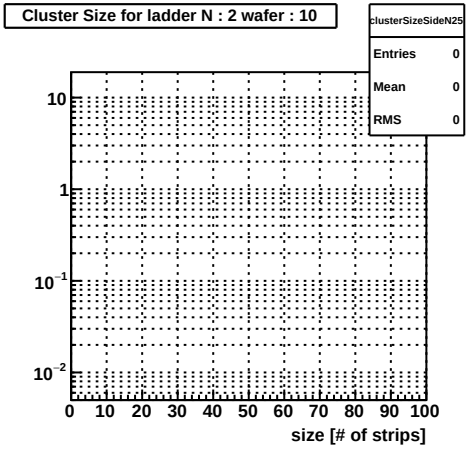

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

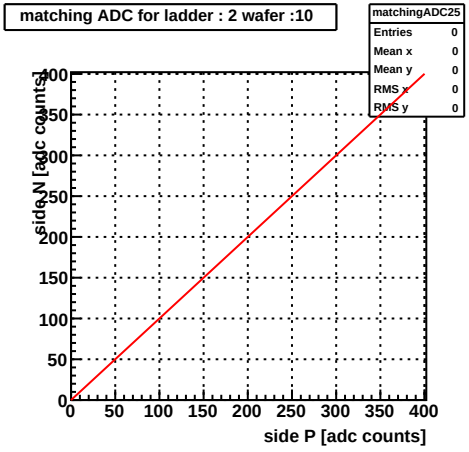

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

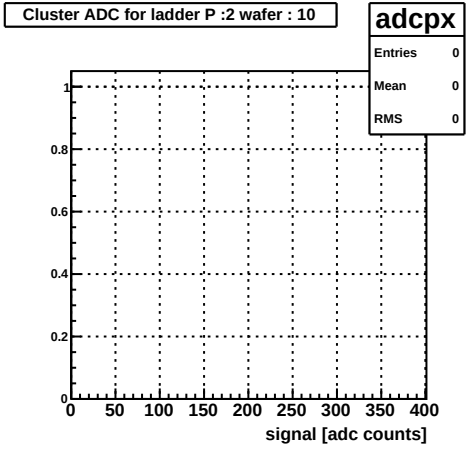

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

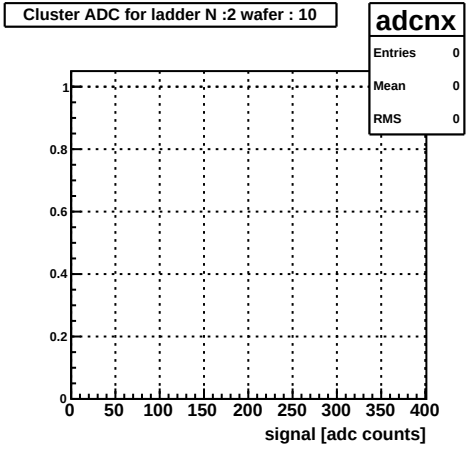

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

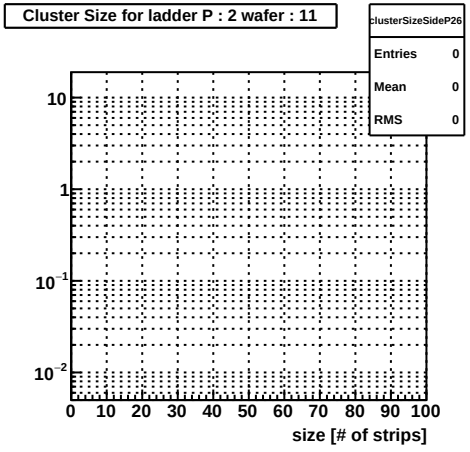

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

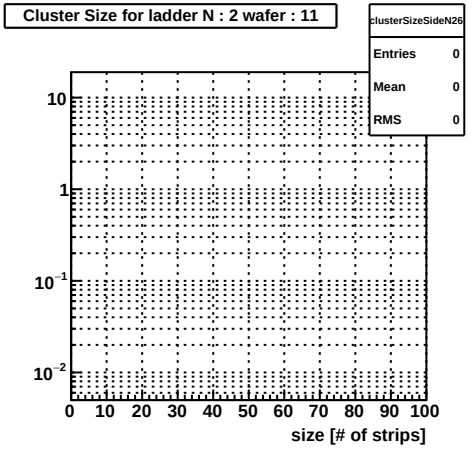

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

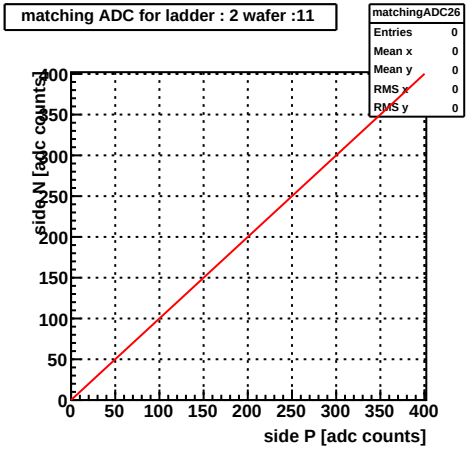

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

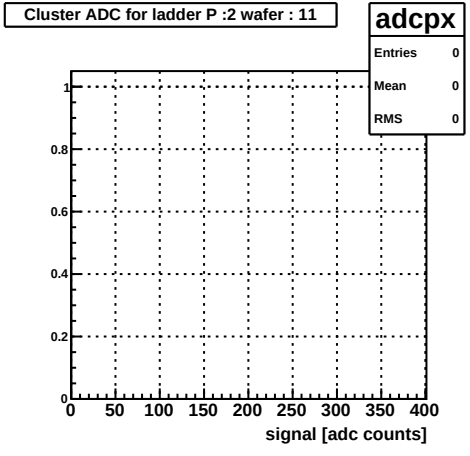

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

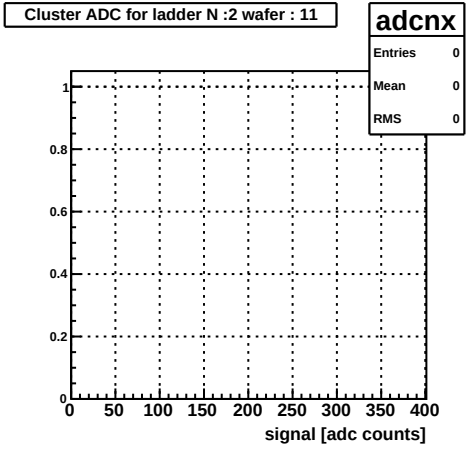

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

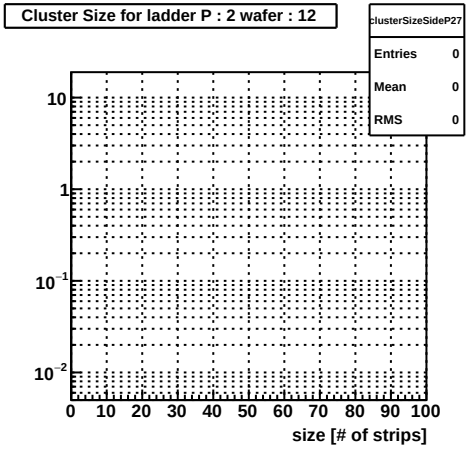

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

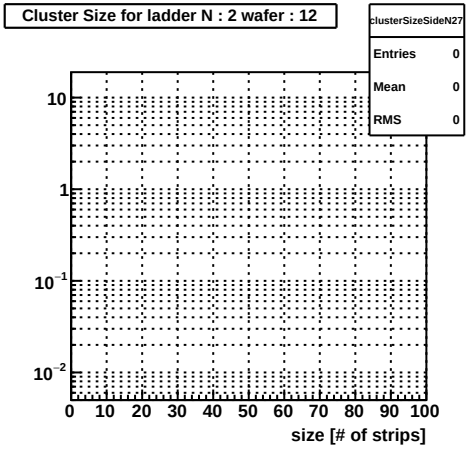

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

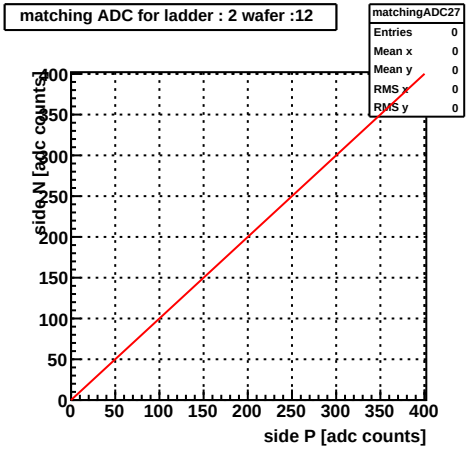

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

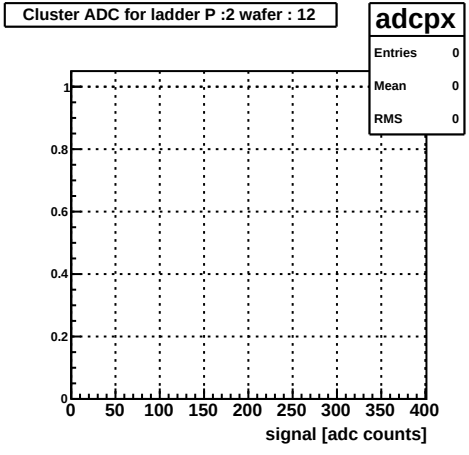

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

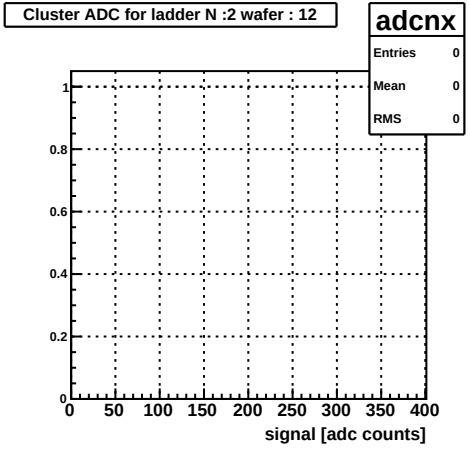

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

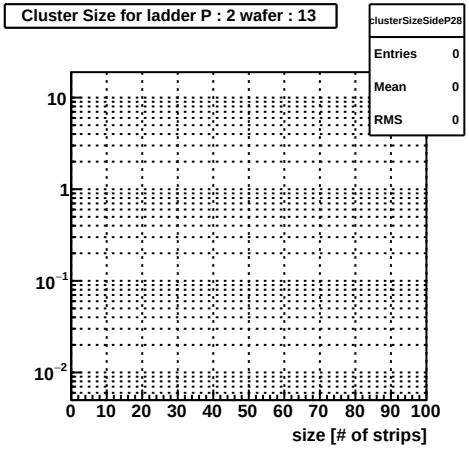

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

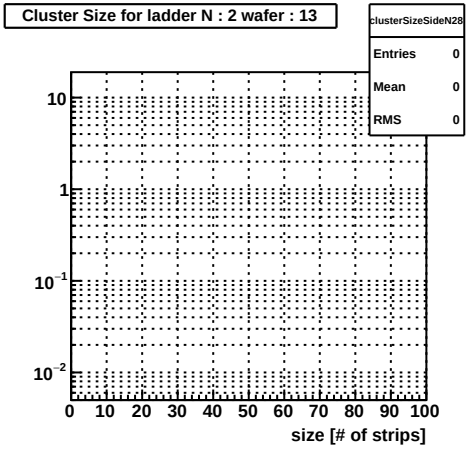

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

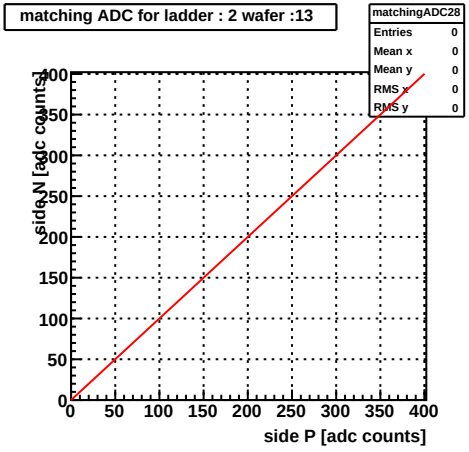

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

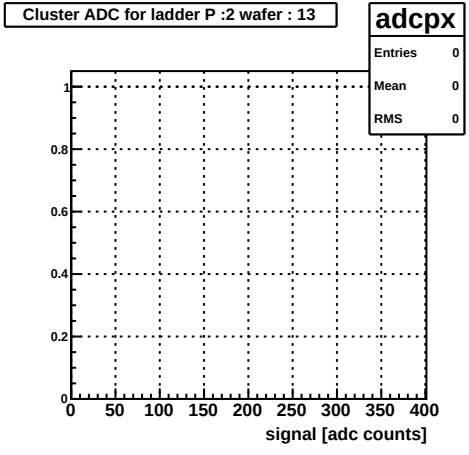

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

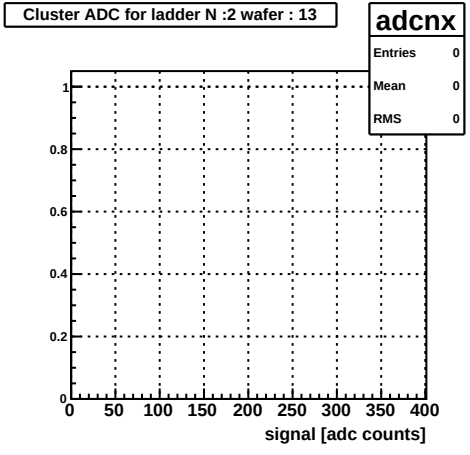

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

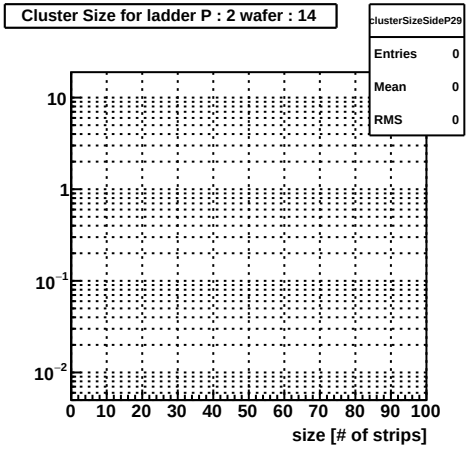

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

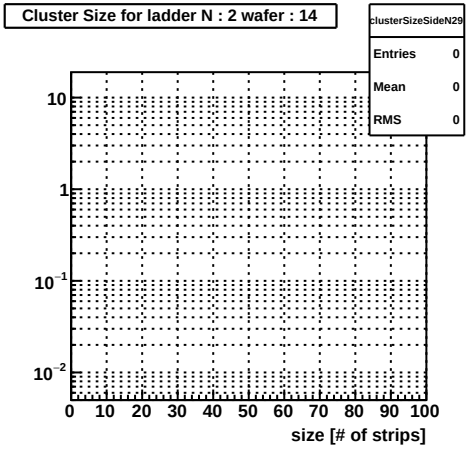

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

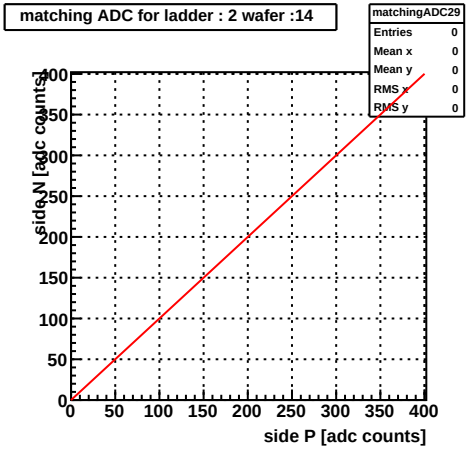

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

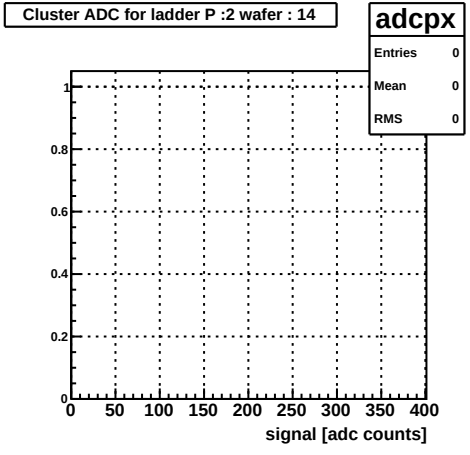

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

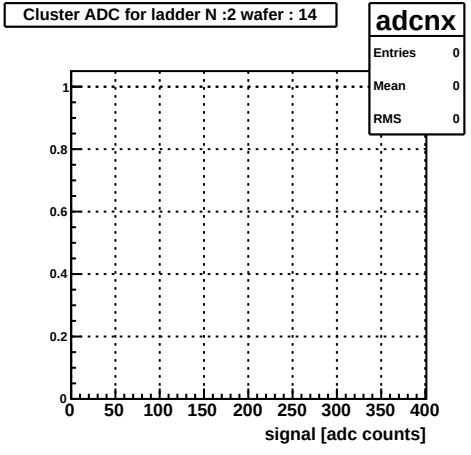

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

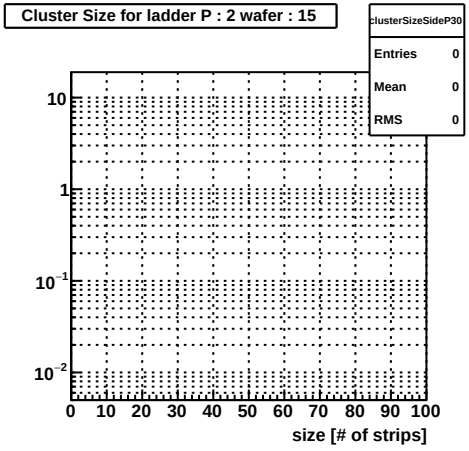

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

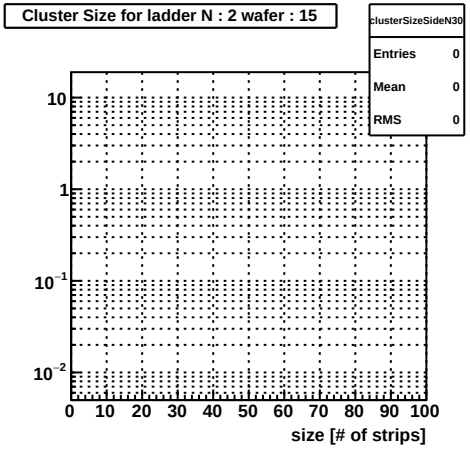

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

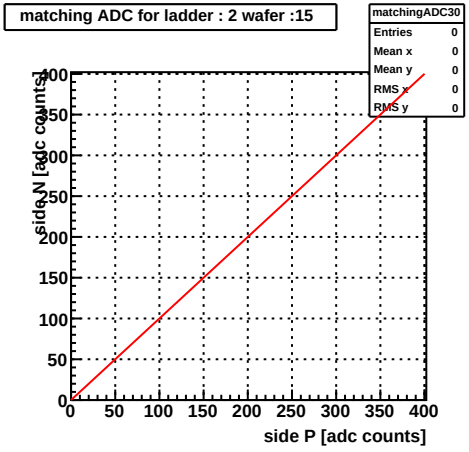

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

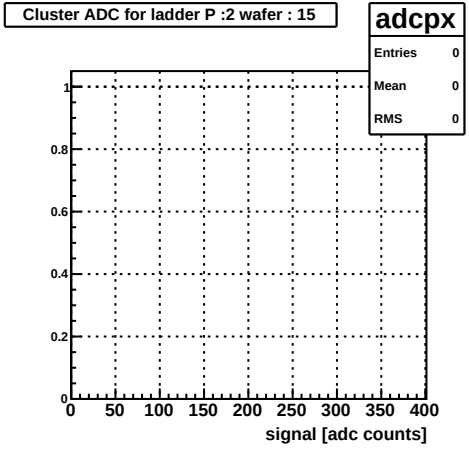

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

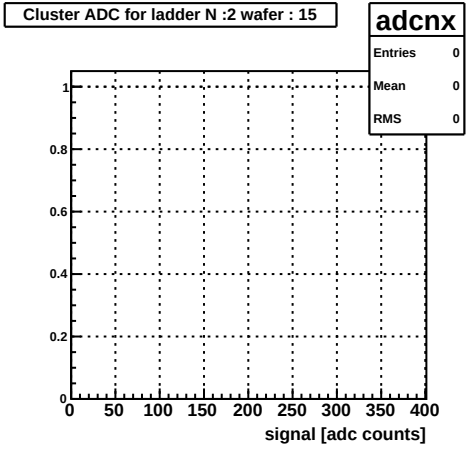

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

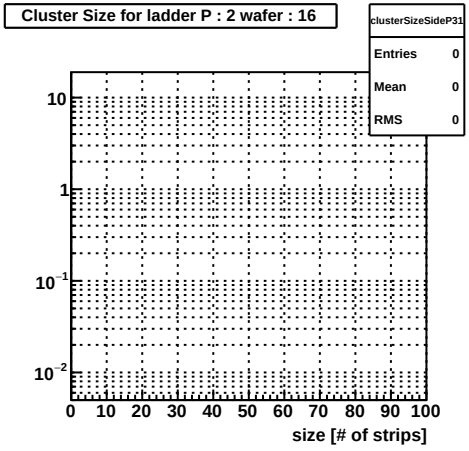

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

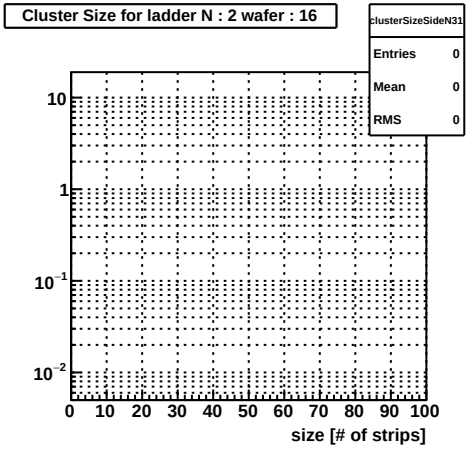

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

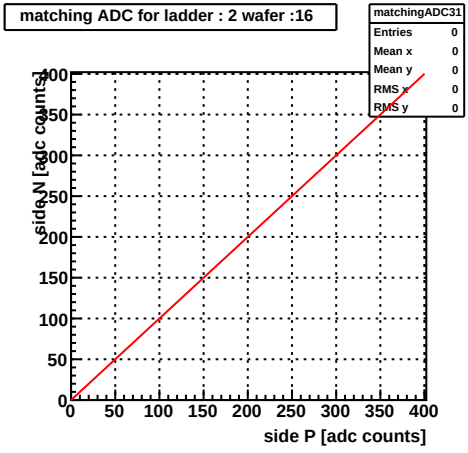

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

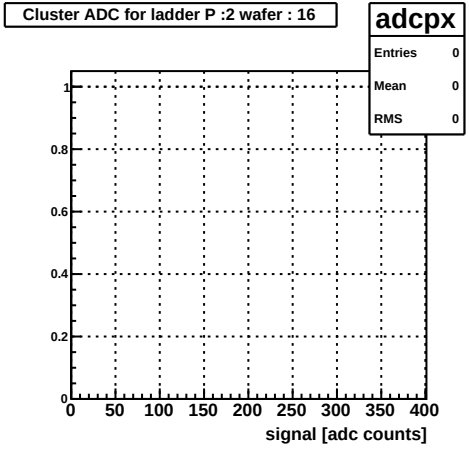

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

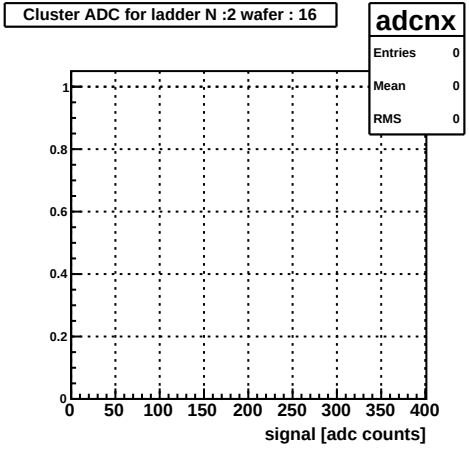

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

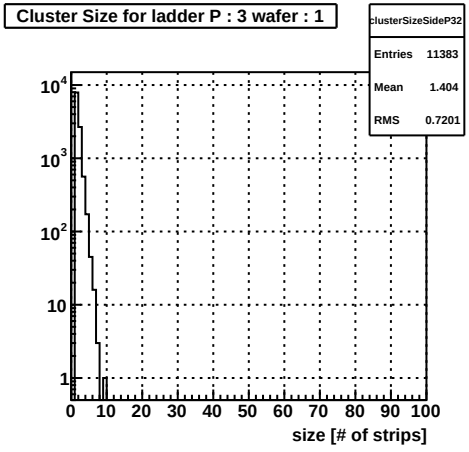

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

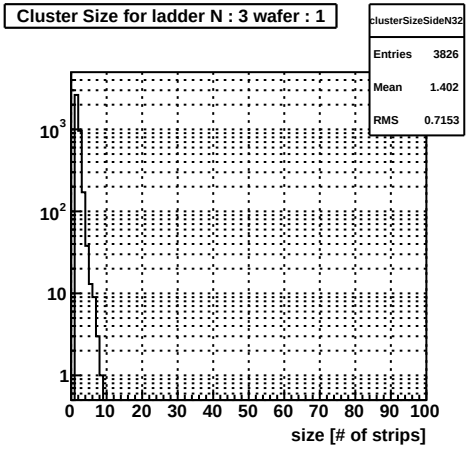

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

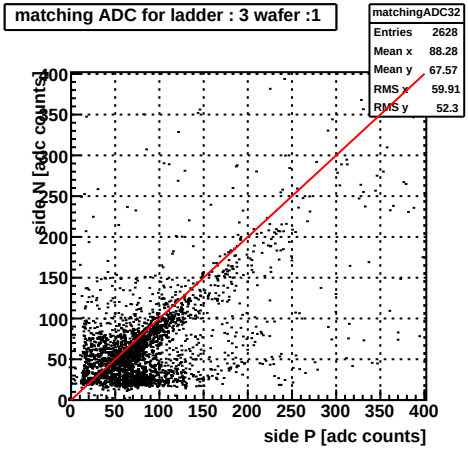

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

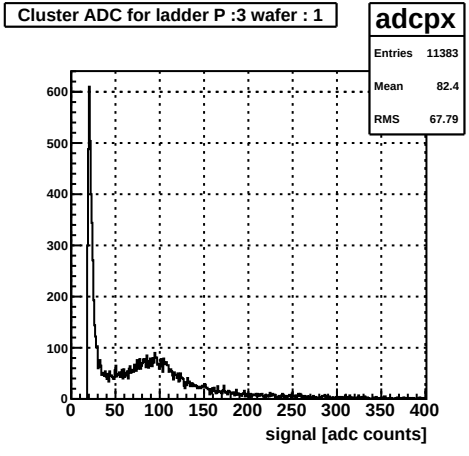

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

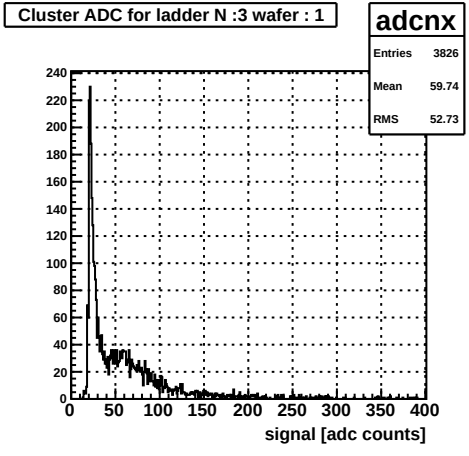

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

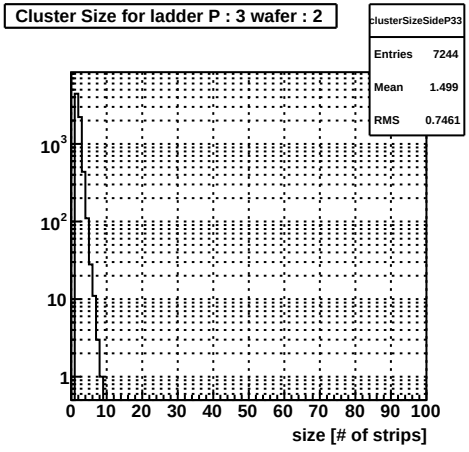

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11383
Mean 1.404
RMS 0.7201
size [# of strips]

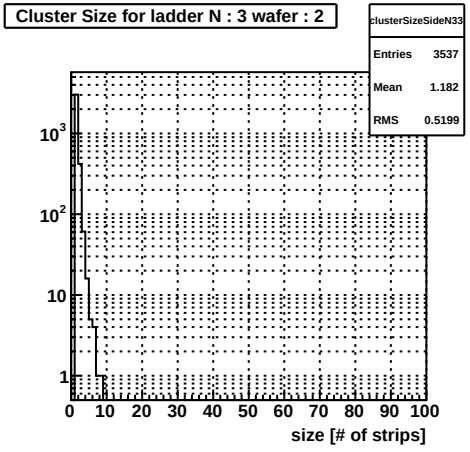

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3826
Mean 1.402
RMS 0.7153
size [# of strips]

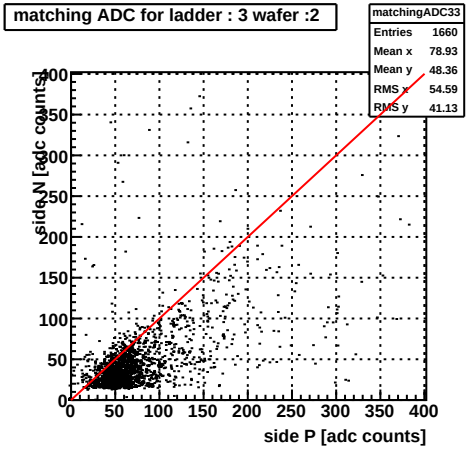

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 2628
Mean x 88.28
Mean y 67.57
RMS x 59.91
RMS y 52.3
side N [adc counts]
side P [adc counts]

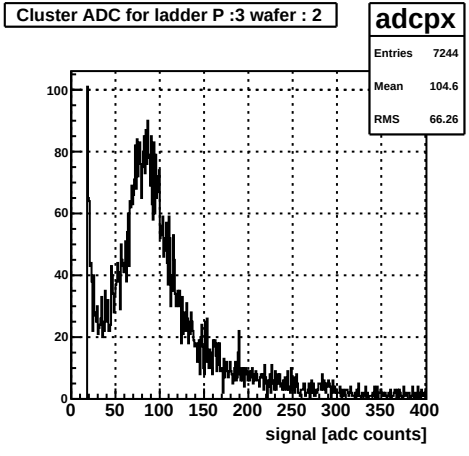

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11383
Mean 82.4
RMS 67.79
signal [adc counts]

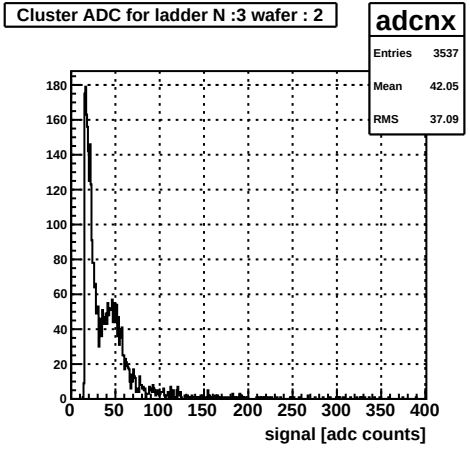

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3826
Mean 59.74
RMS 52.73
signal [adc counts]

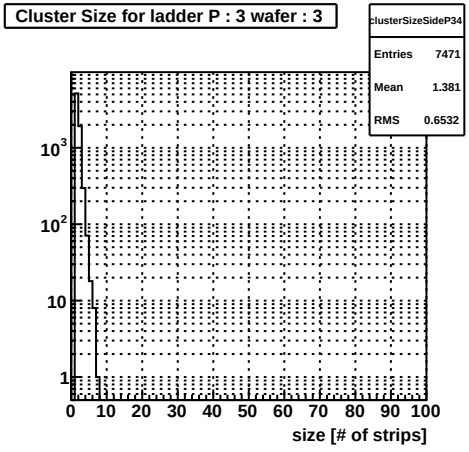

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 7244
Mean 1.499
RMS 0.7461
size [# of strips]

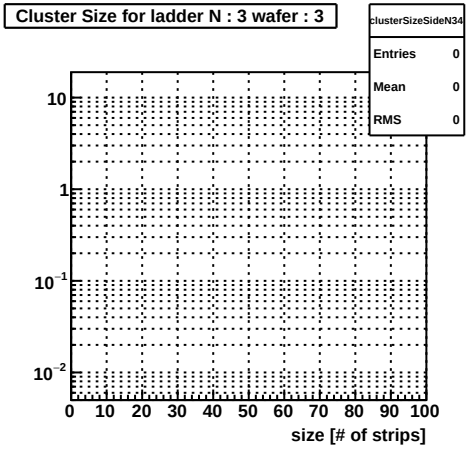

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3537
Mean 1.182
RMS 0.5199
size [# of strips]

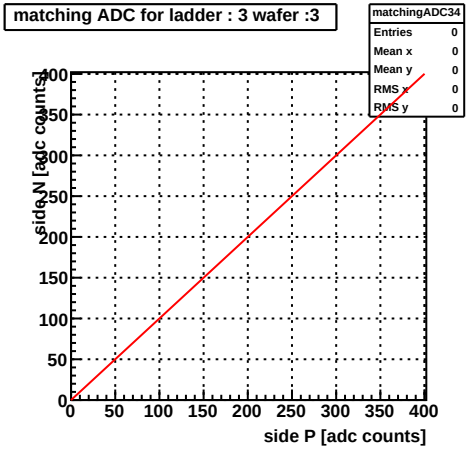

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 1660
Mean x 78.93
Mean y 48.36
RMS x 54.59
RMS y 41.13
side N [adc counts]
side P [adc counts]

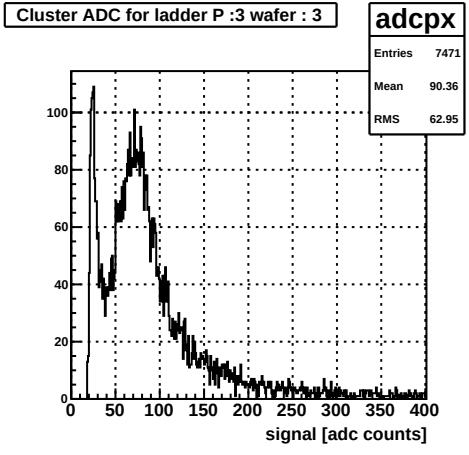

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 7244
Mean 104.6
RMS 66.26
signal [adc counts]

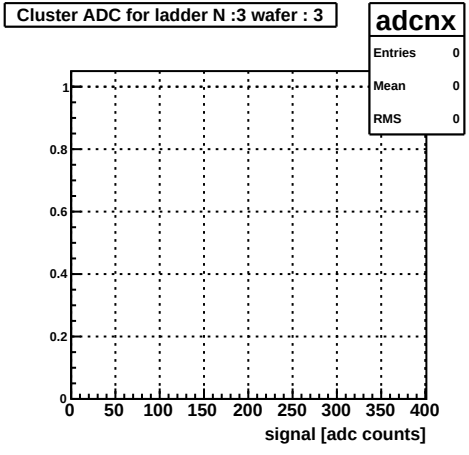

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3537
Mean 42.05
RMS 37.09
signal [adc counts]

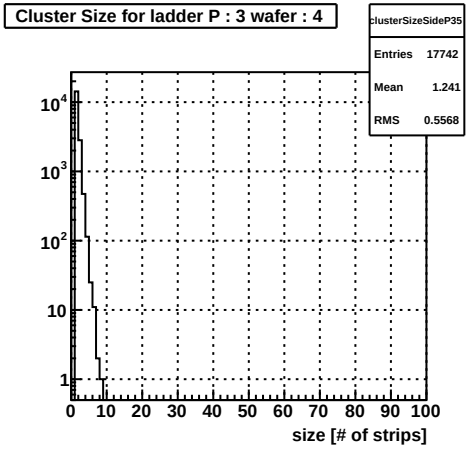

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 7471
Mean 1.381
RMS 0.6532
size [# of strips]

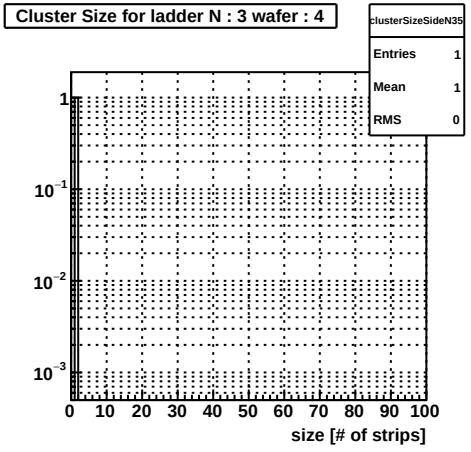

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

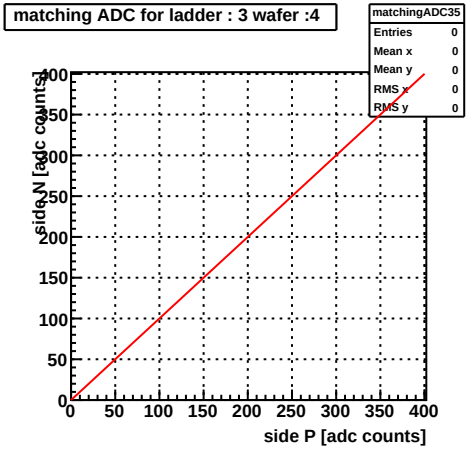

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

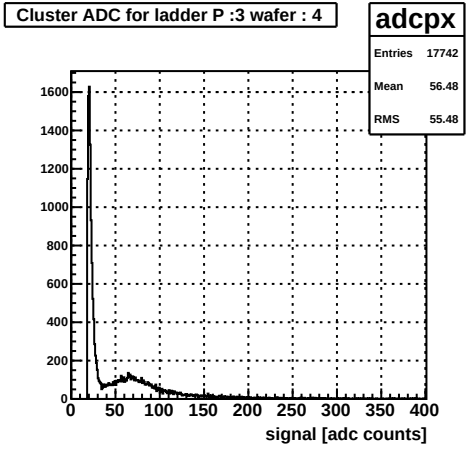

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 7471
Mean 90.36
RMS 62.95
signal [adc counts]

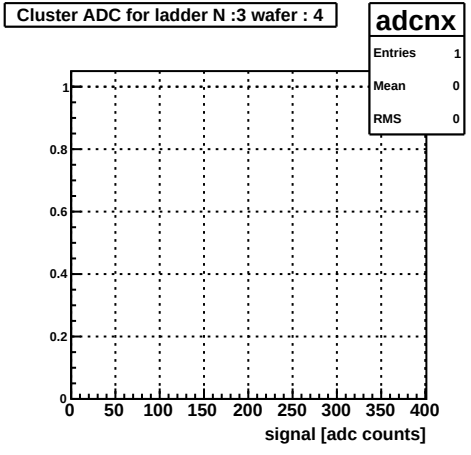

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

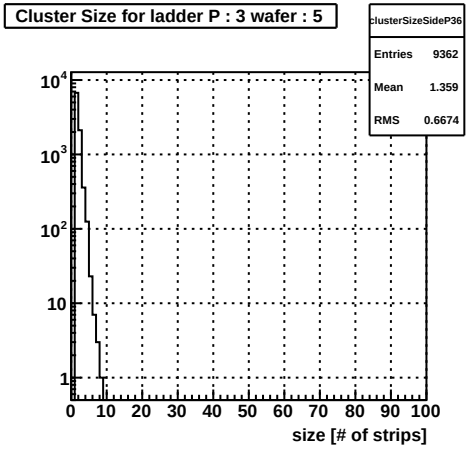

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17742
Mean 1.241
RMS 0.5568
size [# of strips]

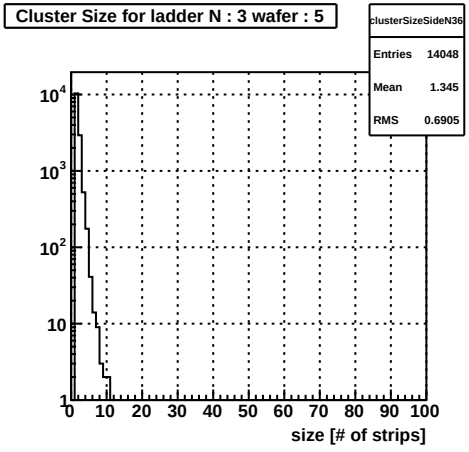

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

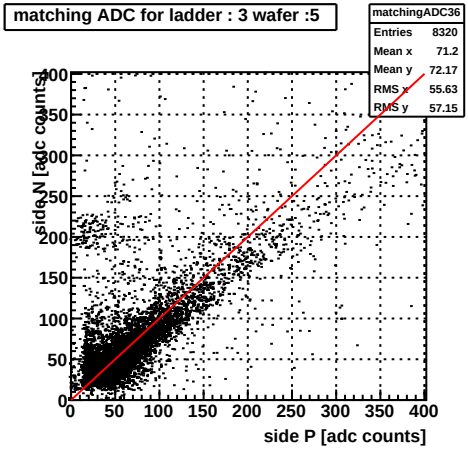

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

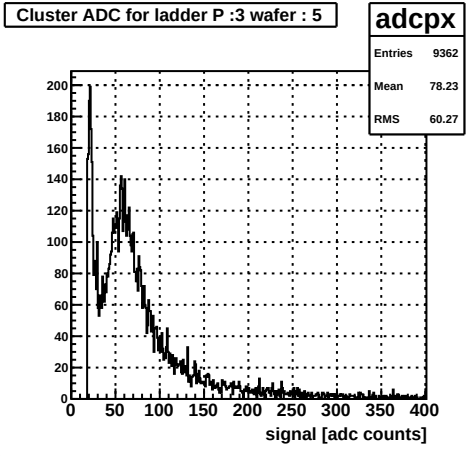

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17742
Mean 56.48
RMS 55.48
signal [adc counts]

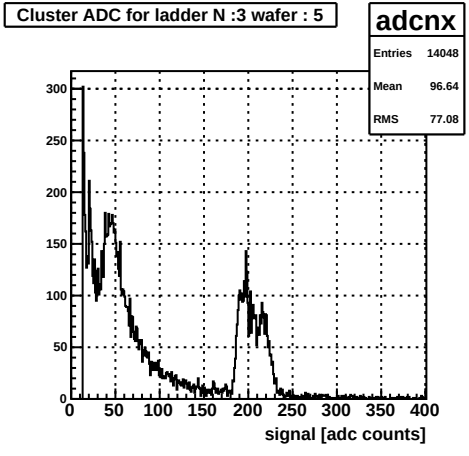

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

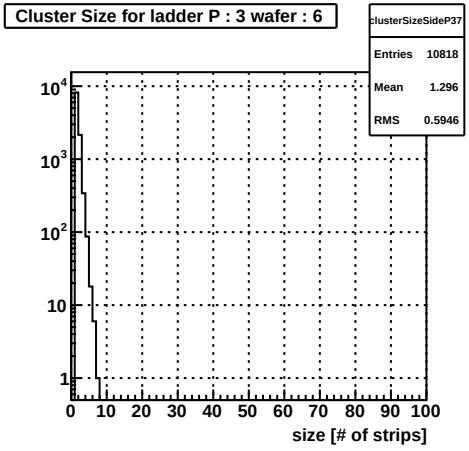

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 9362
Mean 1.359
RMS 0.6674
size [# of strips]

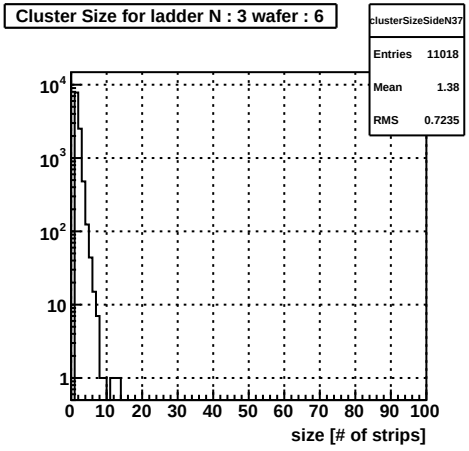

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 14048
Mean 1.345
RMS 0.6905
size [# of strips]

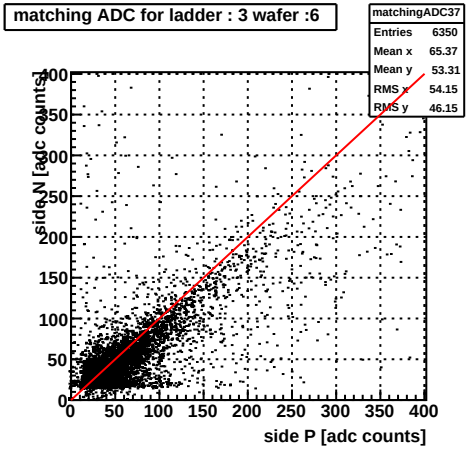

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 8320
Mean x 71.2
Mean y 72.17
RMS x 55.63
RMS y 57.15
side N [adc counts]
side P [adc counts]

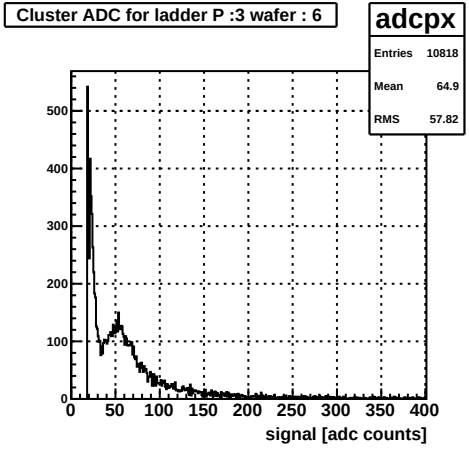

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 9362
Mean 78.23
RMS 60.27
signal [adc counts]

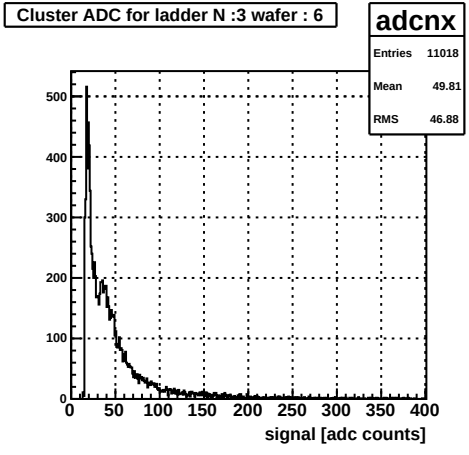

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 14048
Mean 96.64
RMS 77.08
signal [adc counts]

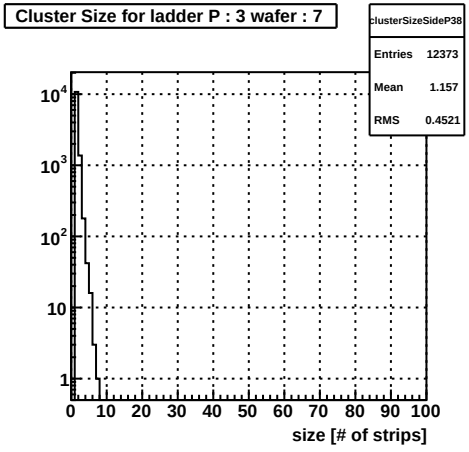

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 10818
Mean 1.296
RMS 0.5946
size [# of strips]

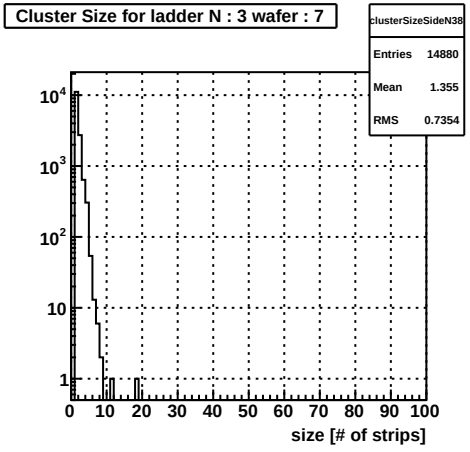

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 11018
Mean 1.38
RMS 0.7235
size [# of strips]

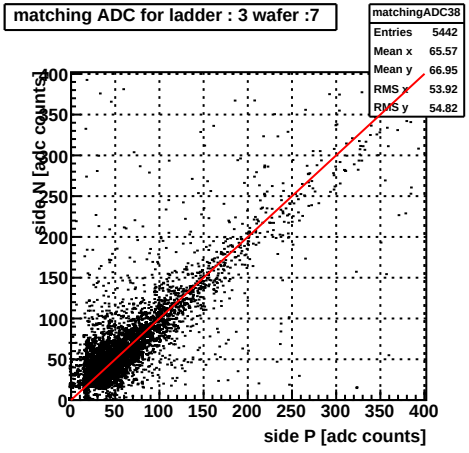

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 6350
Mean x 65.37
Mean y 53.31
RMS x 54.15
RMS y 46.15
side N [adc counts]
side P [adc counts]

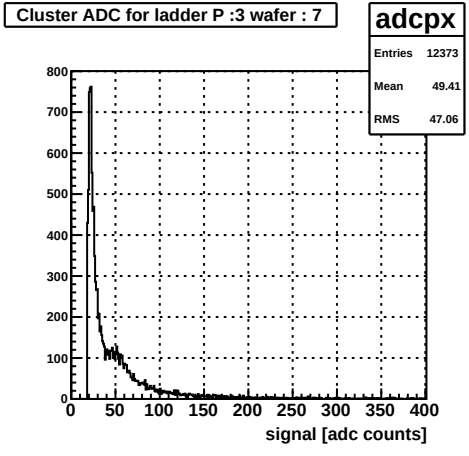

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 10818
Mean 64.9
RMS 57.82
signal [adc counts]

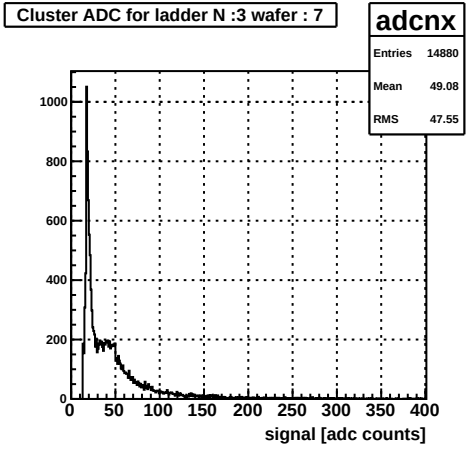

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 11018
Mean 49.81
RMS 46.88
signal [adc counts]

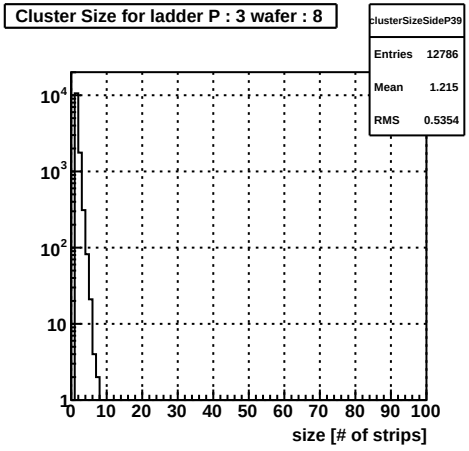

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 12373
Mean 1.157
RMS 0.4521
size [# of strips]

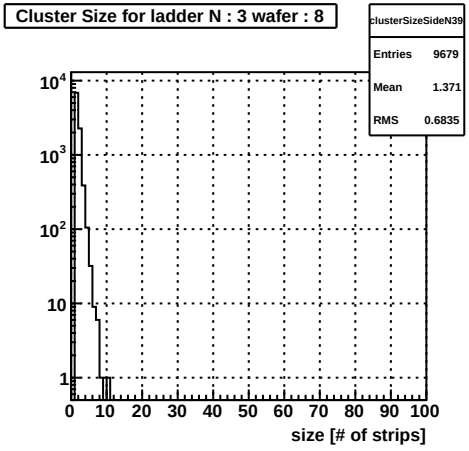

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 14880
Mean 1.355
RMS 0.7354
size [# of strips]

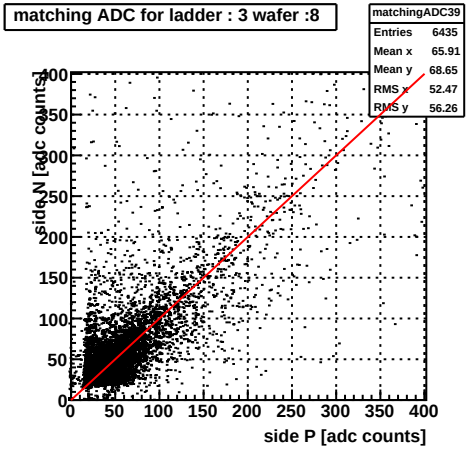

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5442
Mean x 65.57
Mean y 66.95
RMS x 53.92
RMS y 54.82
side N [adc counts]
side P [adc counts]

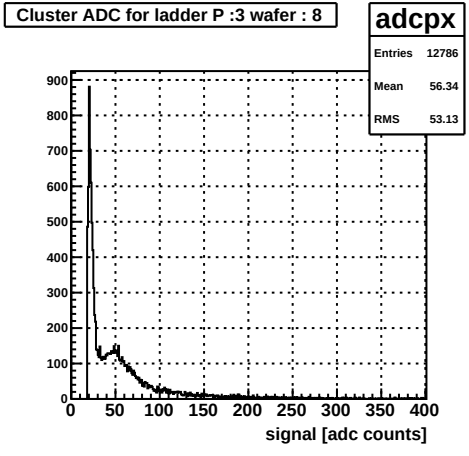

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 12373
Mean 49.41
RMS 47.06
signal [adc counts]

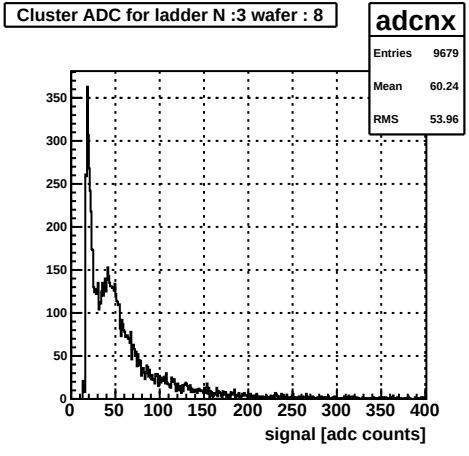

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 14880
Mean 49.08
RMS 47.55
signal [adc counts]

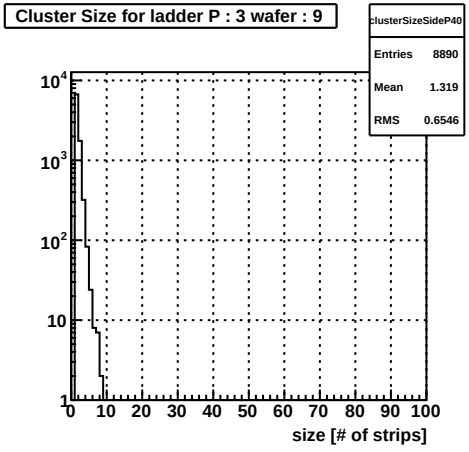

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 12786
Mean 1.215
RMS 0.5354
size [# of strips]

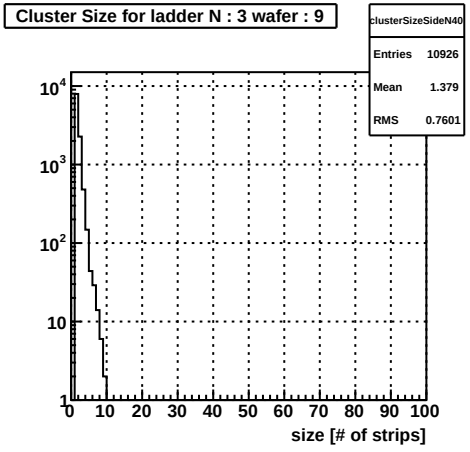

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 9679
Mean 1.371
RMS 0.6835
size [# of strips]

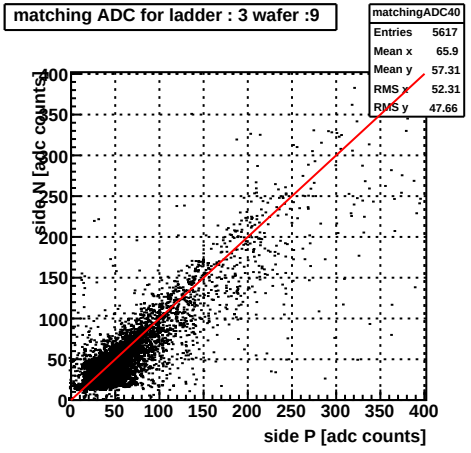

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 6435
Mean x 65.91
Mean y 68.65
RMS x 52.47
RMS y 56.26
side N [adc counts]
side P [adc counts]

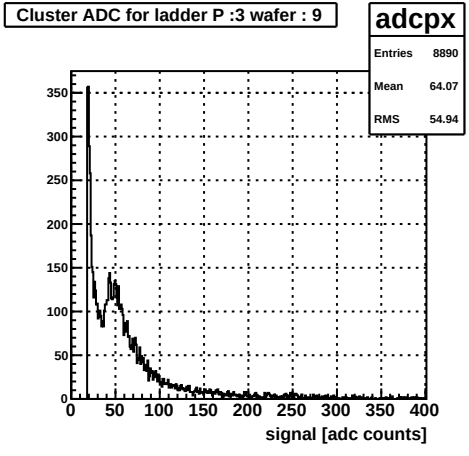

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 12786
Mean 56.34
RMS 53.13
signal [adc counts]

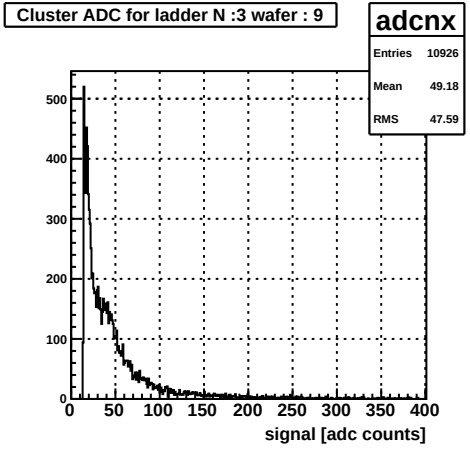

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 9679
Mean 60.24
RMS 53.96
signal [adc counts]

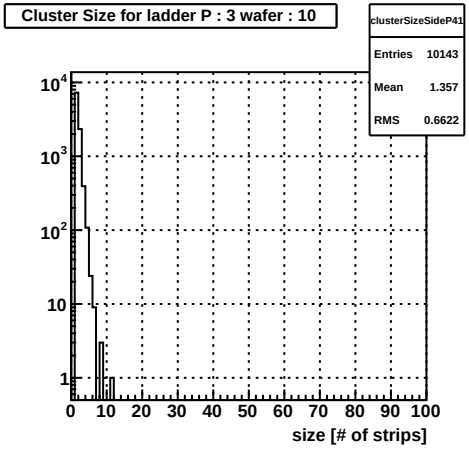

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8890
Mean 1.319
RMS 0.6546
size [# of strips]

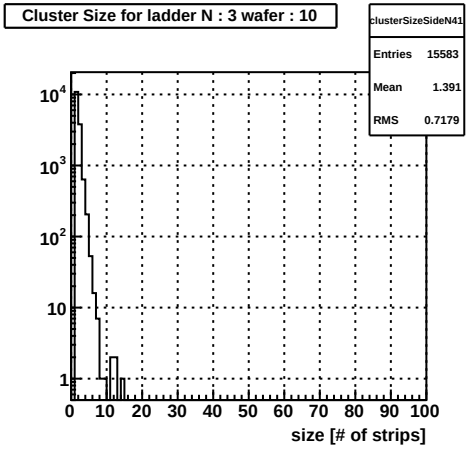

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 10926
Mean 1.379
RMS 0.7601
size [# of strips]

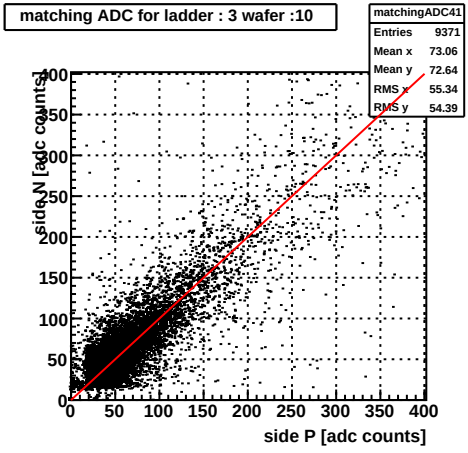

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 5617
Mean x 65.9
Mean y 57.31
RMS x 52.31
RMS y 47.66
side N [adc counts]
side P [adc counts]

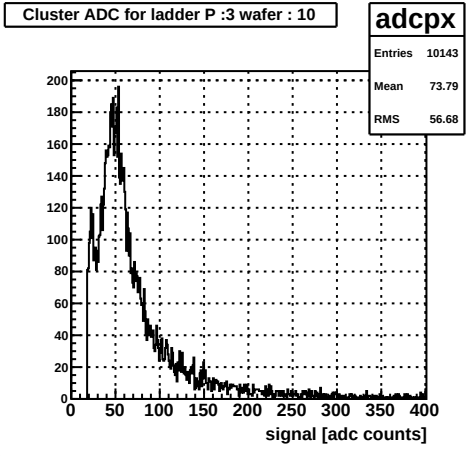

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8890
Mean 64.07
RMS 54.94
signal [adc counts]

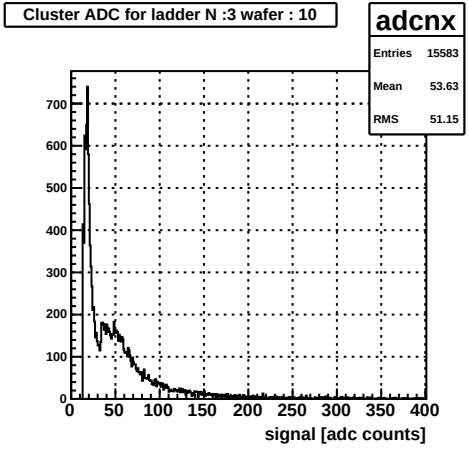

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 10926
Mean 49.18
RMS 47.59
signal [adc counts]

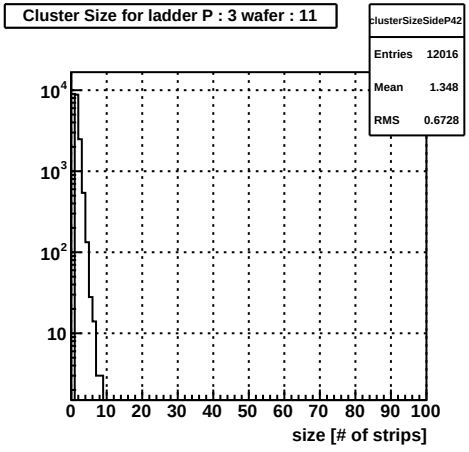

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 10143
Mean 1.357
RMS 0.6622
size [# of strips]

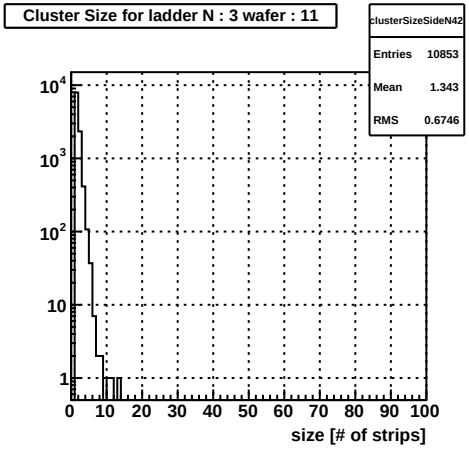

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 15583
Mean 1.391
RMS 0.7179
size [# of strips]

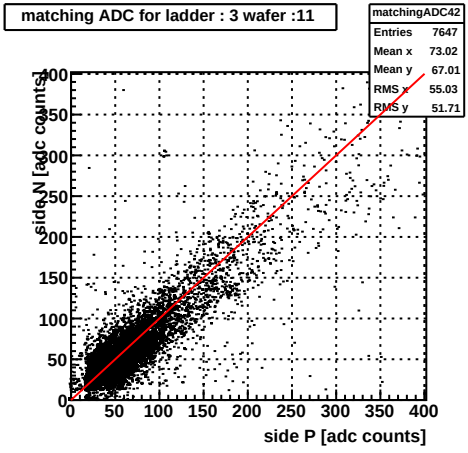

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 9371
Mean x 73.06
Mean y 72.64
RMS x 55.34
RMS y 54.39
side N [adc counts]
side P [adc counts]

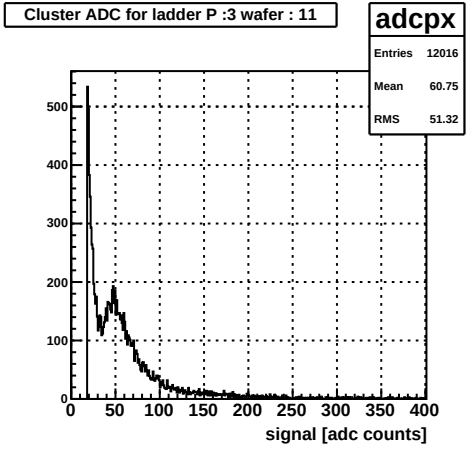

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 10143
Mean 73.79
RMS 56.68
signal [adc counts]

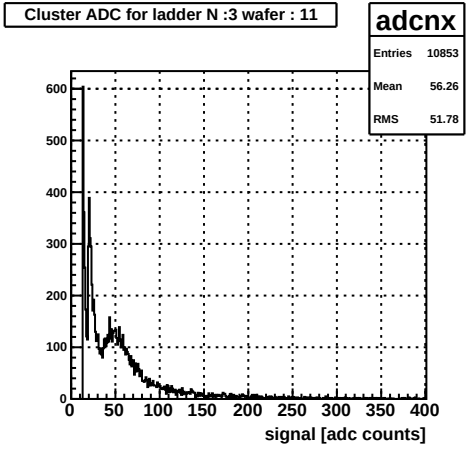

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 15583
Mean 53.63
RMS 51.15
signal [adc counts]

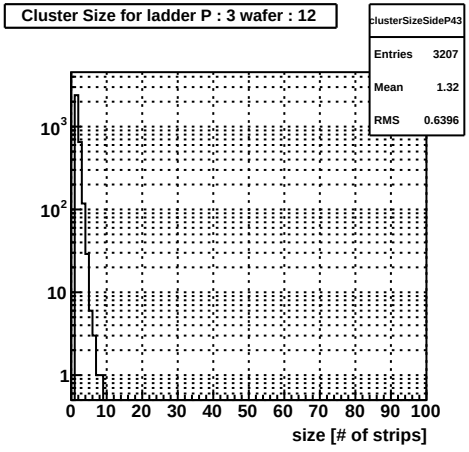

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 12016
Mean 1.348
RMS 0.6728
size [# of strips]

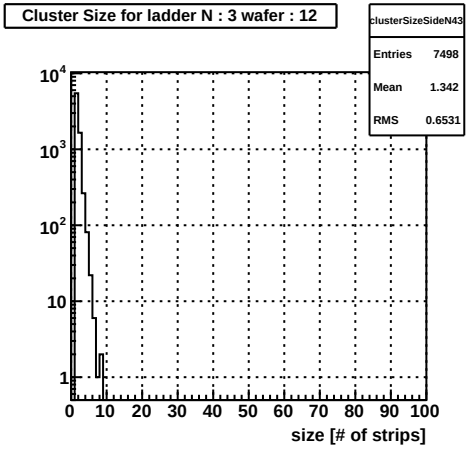

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 10853
Mean 1.343
RMS 0.6746
size [# of strips]

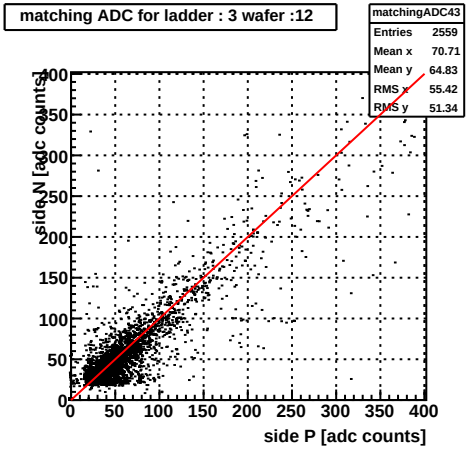

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 7647
Mean x 73.02
Mean y 67.01
RMS x 55.03
RMS y 51.71
side N [adc counts]
side P [adc counts]

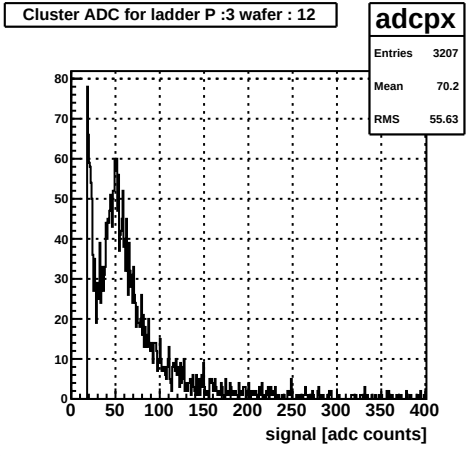

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 12016
Mean 60.75
RMS 51.32
signal [adc counts]

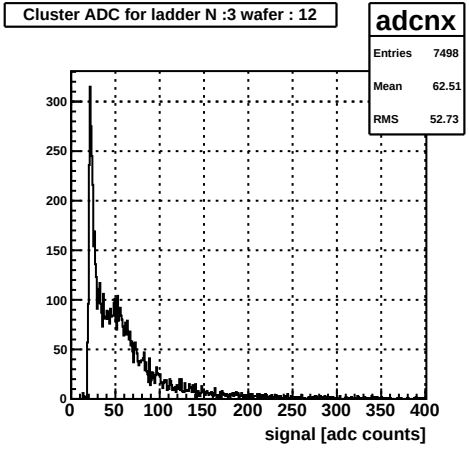

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 10853
Mean 56.26
RMS 51.78
signal [adc counts]

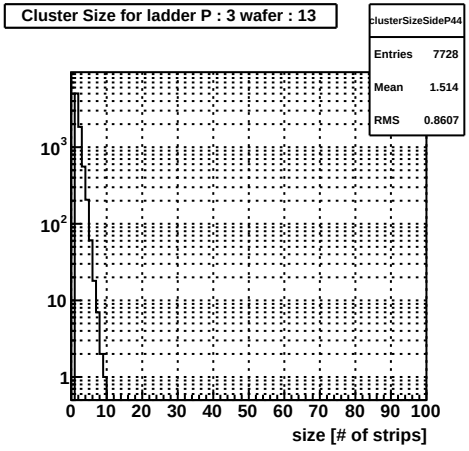

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 3207
Mean 1.32
RMS 0.6396
size [# of strips]

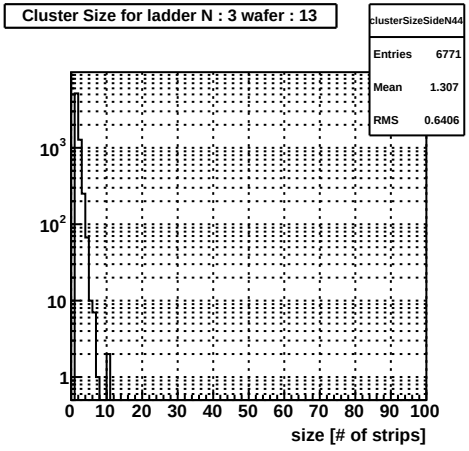

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 7498
Mean 1.342
RMS 0.6531
size [# of strips]

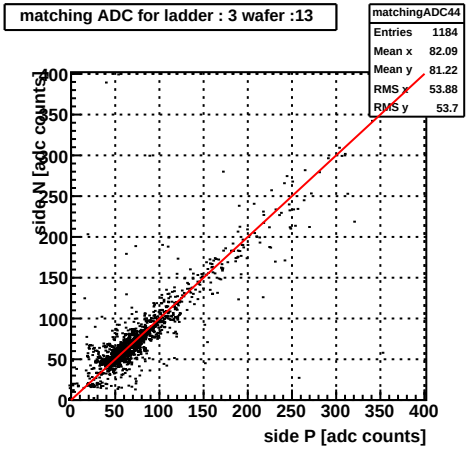

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 2559
Mean x 70.71
Mean y 64.83
RMS x 55.42
RMS y 51.34
side N [adc counts]
side P [adc counts]

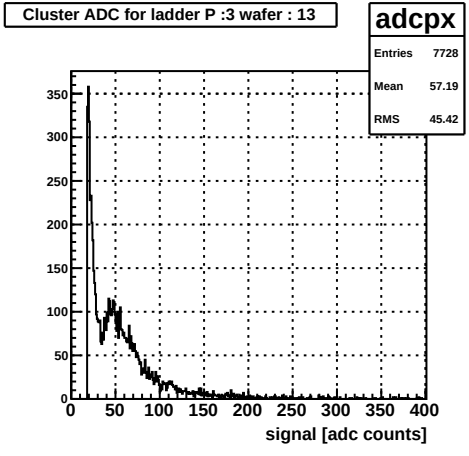

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 3207
Mean 70.2
RMS 55.63
signal [adc counts]

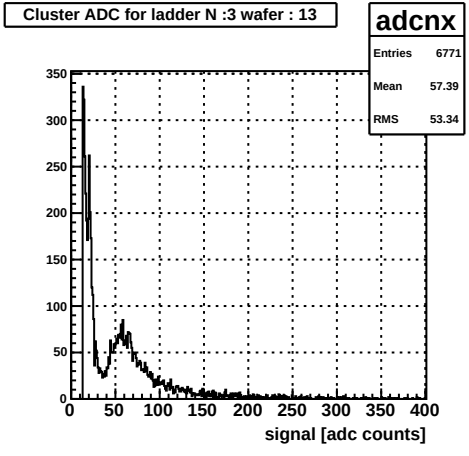

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 7498
Mean 62.51
RMS 52.73
signal [adc counts]

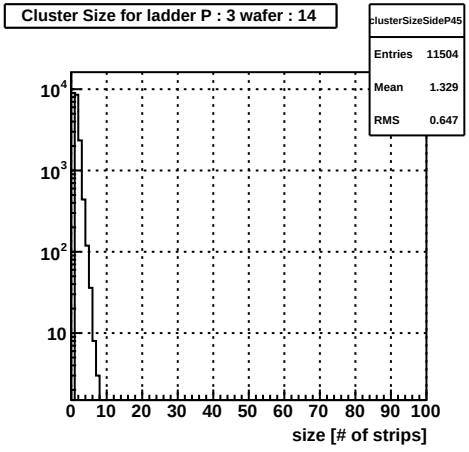

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 7728
Mean 1.514
RMS 0.8607
size [# of strips]

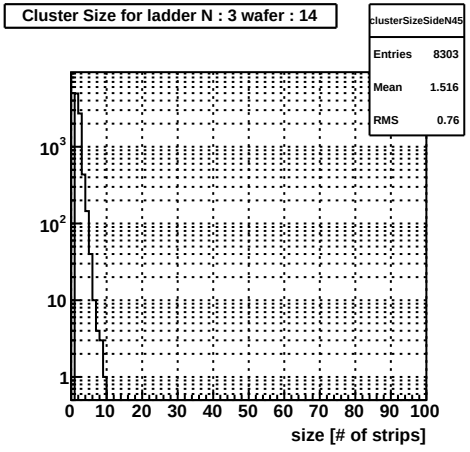

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 6771
Mean 1.307
RMS 0.6406
size [# of strips]

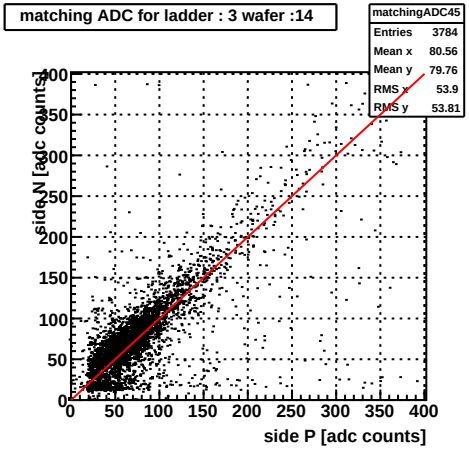

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1184
Mean x 82.09
Mean y 81.22
RMS x 53.88
RMS y 53.7
side N [adc counts]
side P [adc counts]

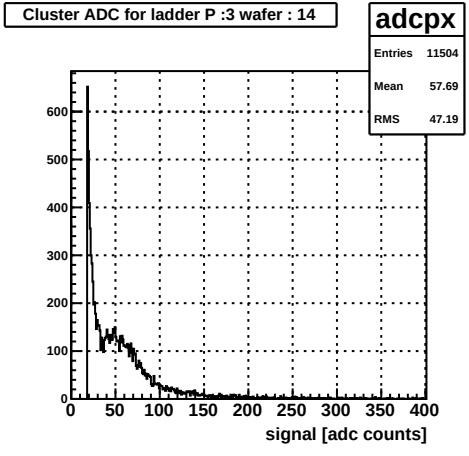

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 7728
Mean 57.19
RMS 45.42
signal [adc counts]

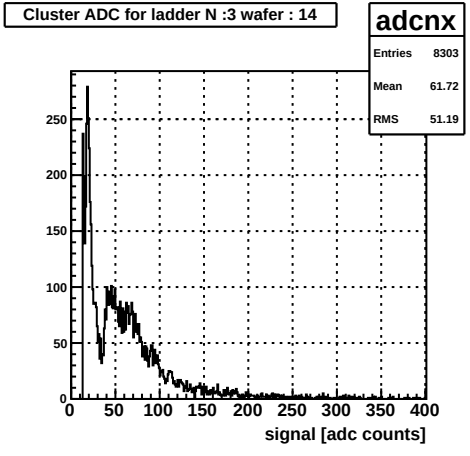

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 6771
Mean 57.39
RMS 53.34
signal [adc counts]

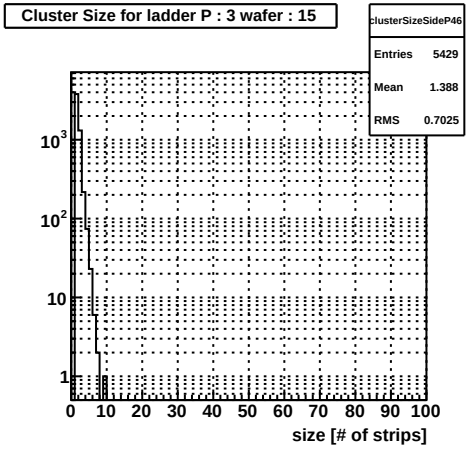

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 11504
Mean 1.329
RMS 0.647
size [# of strips]

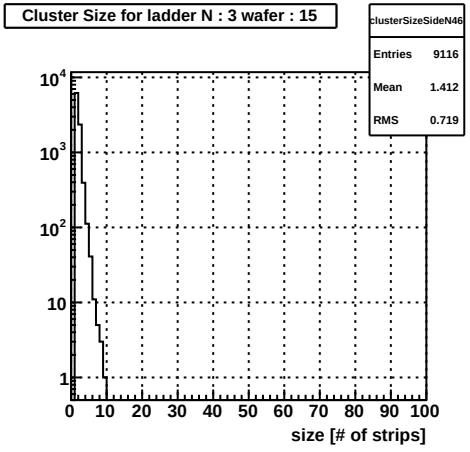

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 8303
Mean 1.516
RMS 0.76
size [# of strips]

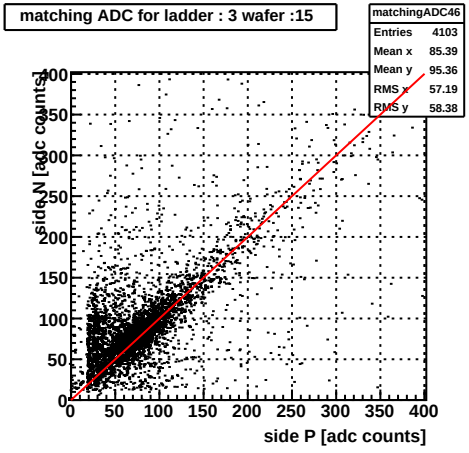

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 3784
Mean x 80.56
Mean y 79.76
RMS x 53.9
RMS y 53.81
side N [adc counts]
side P [adc counts]

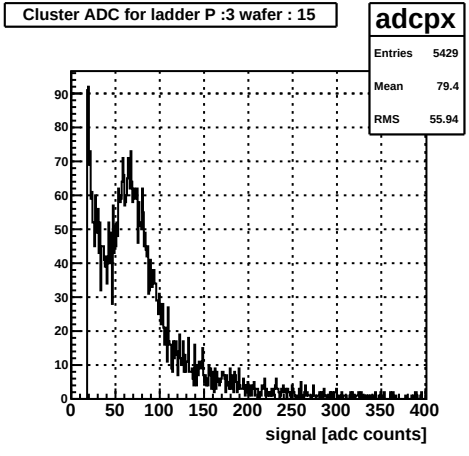

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 11504
Mean 57.69
RMS 47.19
signal [adc counts]

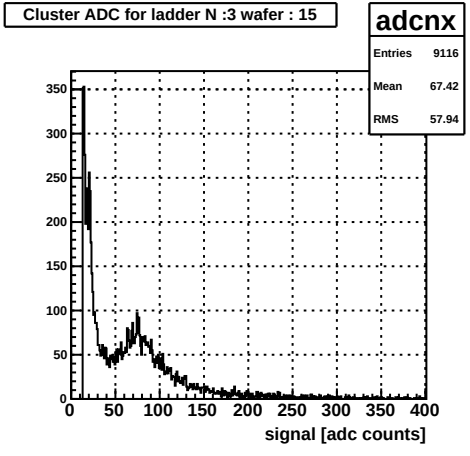

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 8303
Mean 61.72
RMS 51.19
signal [adc counts]

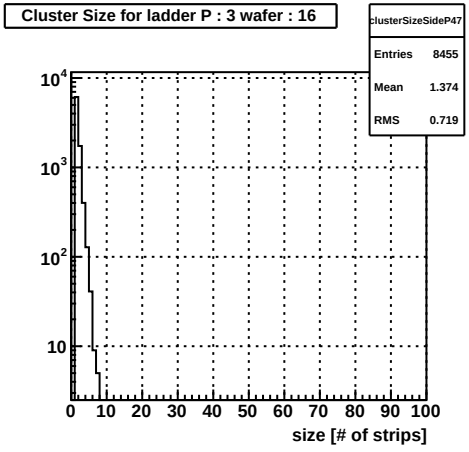

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 5429
Mean 1.388
RMS 0.7025
size [# of strips]

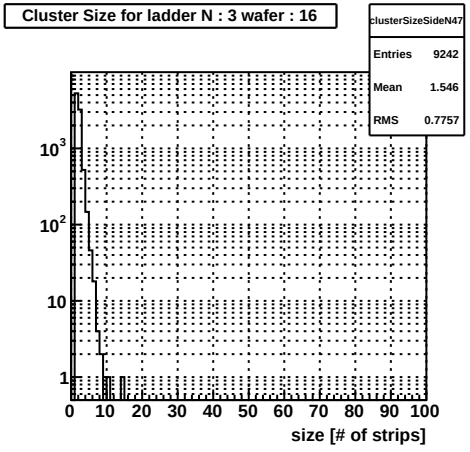

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 9116
Mean 1.412
RMS 0.719
size [# of strips]

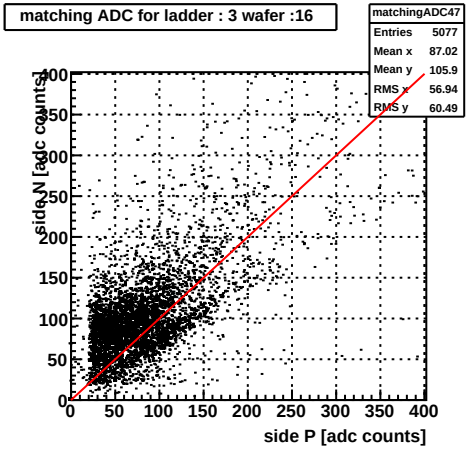

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 4103
Mean x 85.39
Mean y 95.36
RMS x 57.19
RMS y 58.38
side N [adc counts]
side P [adc counts]

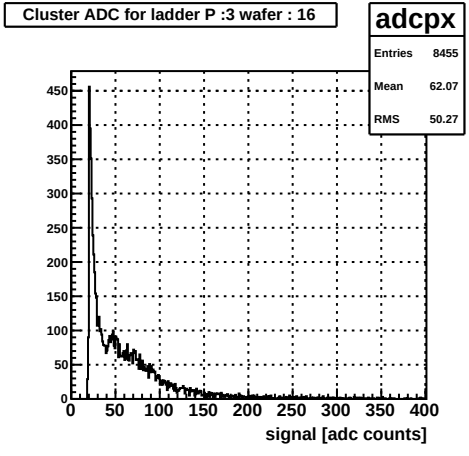

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 5429
Mean 79.4
RMS 55.94
signal [adc counts]

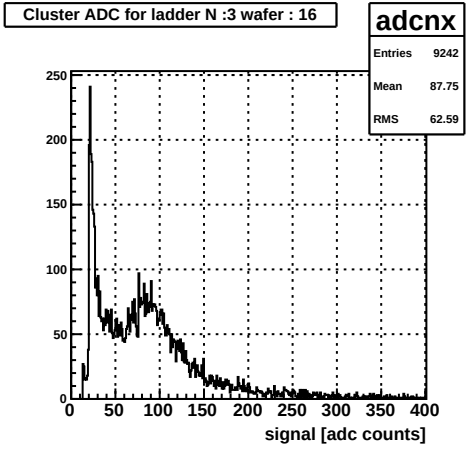

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 9116
Mean 67.42
RMS 57.94
signal [adc counts]

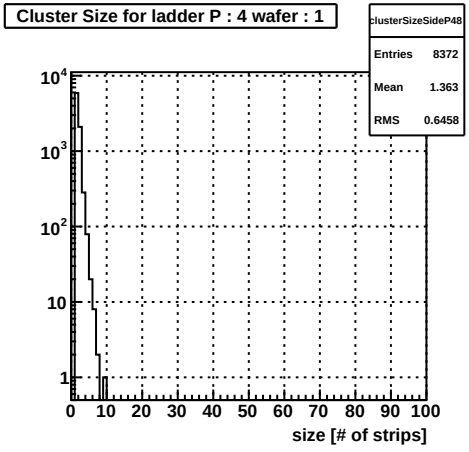

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 8455
Mean 1.374
RMS 0.719
size [# of strips]

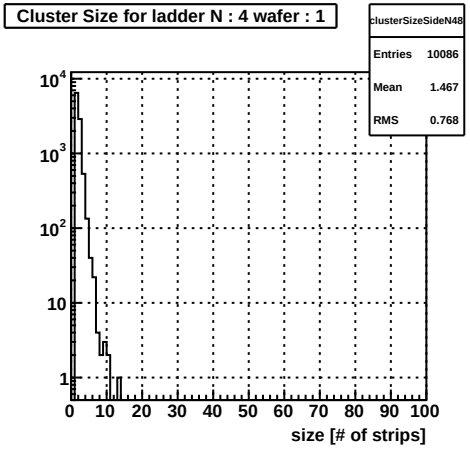

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 9242
Mean 1.546
RMS 0.7757
size [# of strips]

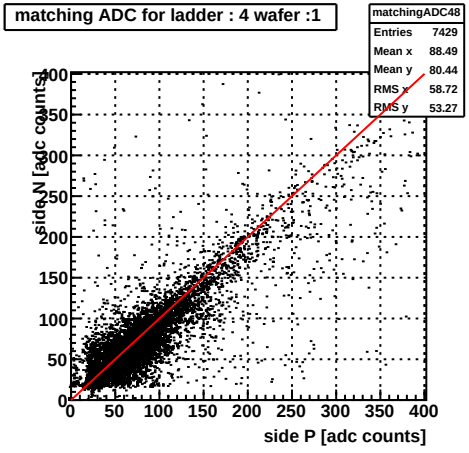

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 5077
Mean x 87.02
Mean y 105.9
RMS x 56.94
RMS y 60.49
side N [adc counts]
side P [adc counts]

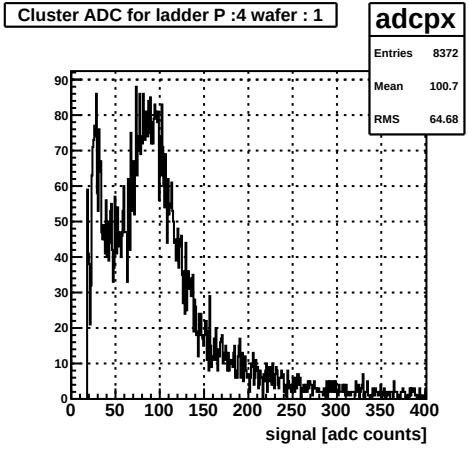

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 8455
Mean 62.07
RMS 50.27
signal [adc counts]

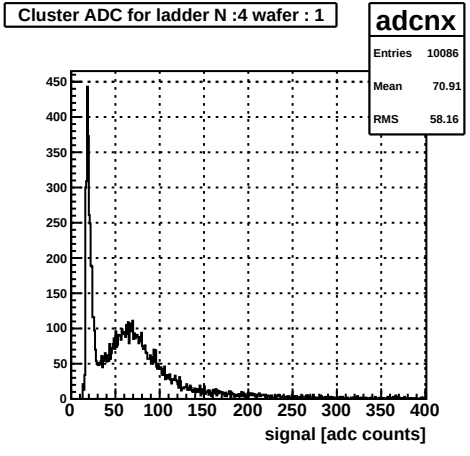

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 9242
Mean 87.75
RMS 62.59
signal [adc counts]

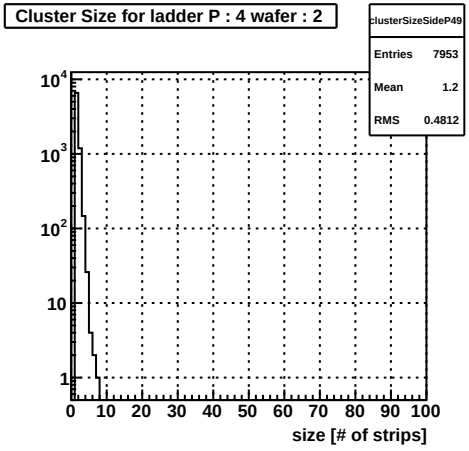

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 8372
Mean 1.363
RMS 0.6458
size [# of strips]

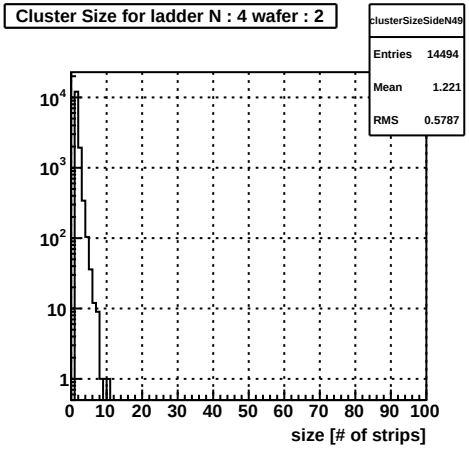

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 10086
Mean 1.467
RMS 0.768
size [# of strips]

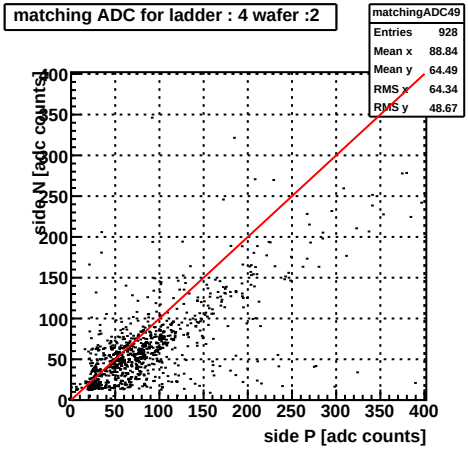

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 7429
Mean x 88.49
Mean y 80.44
RMS x 58.72
RMS y 53.27
side N [adc counts]
side P [adc counts]

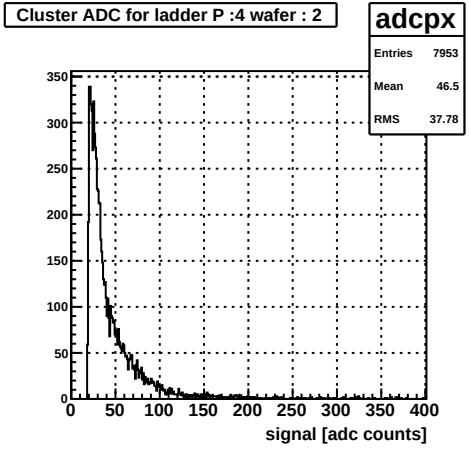

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 8372
Mean 100.7
RMS 64.68
signal [adc counts]

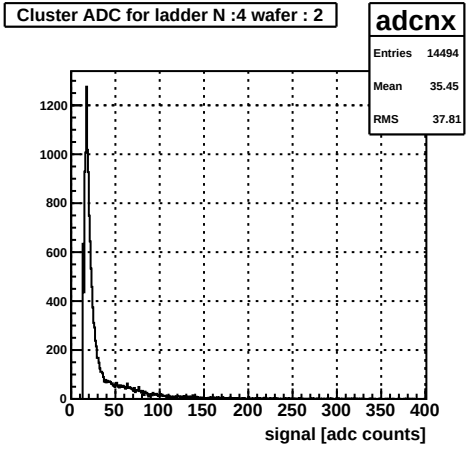

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 10086
Mean 70.91
RMS 58.16
signal [adc counts]

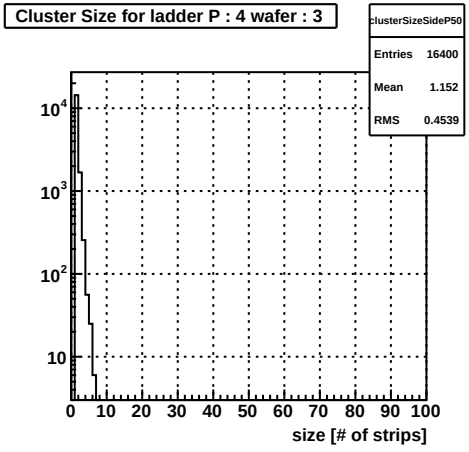

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7953
Mean 1.2
RMS 0.4812
size [# of strips]

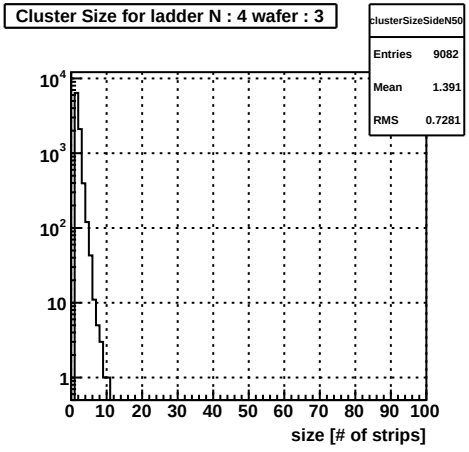

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 14494
Mean 1.221
RMS 0.5787
size [# of strips]

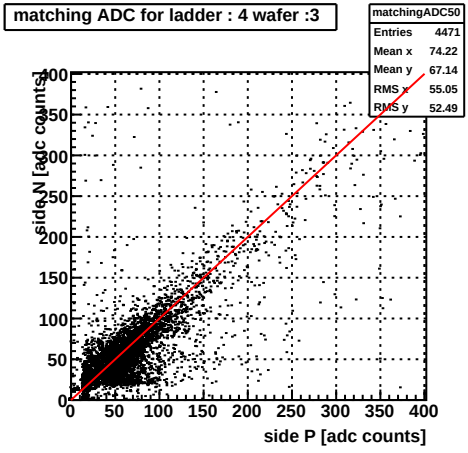

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 928
Mean x 88.84
Mean y 64.49
RMS x 64.34
RMS y 48.67
side N [adc counts]
side P [adc counts]

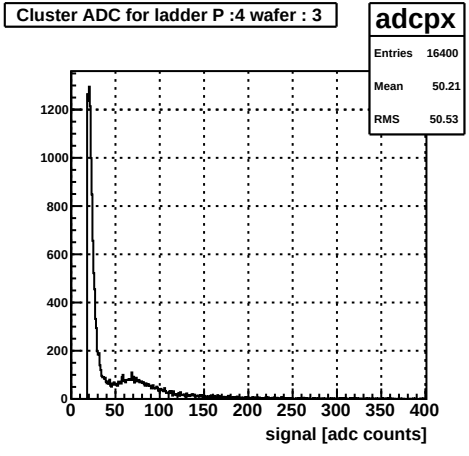

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7953
Mean 46.5
RMS 37.78
signal [adc counts]

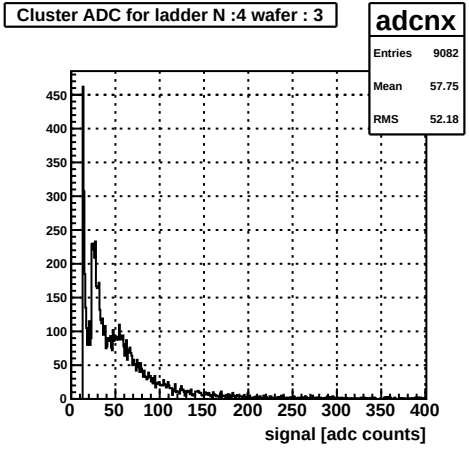

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 14494
Mean 35.45
RMS 37.81
signal [adc counts]

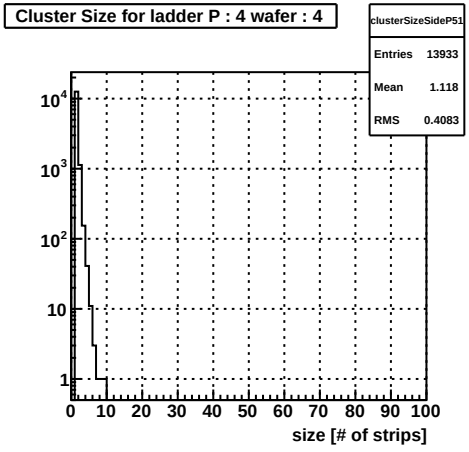

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 16400
Mean 1.152
RMS 0.4539
size [# of strips]

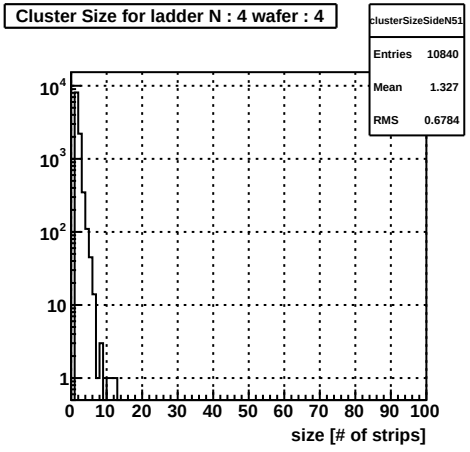

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 9082
Mean 1.391
RMS 0.7281
size [# of strips]

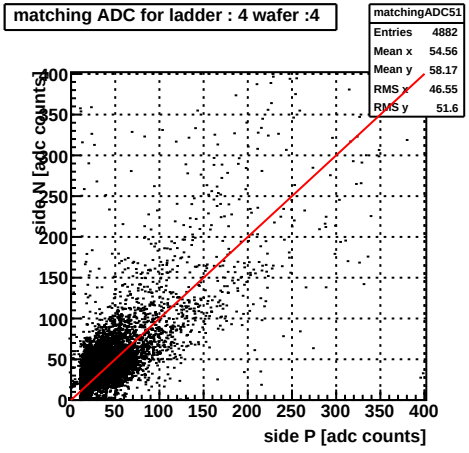

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 4471
Mean x 74.22
Mean y 67.14
RMS x 55.05
RMS y 52.49
side N [adc counts]
side P [adc counts]

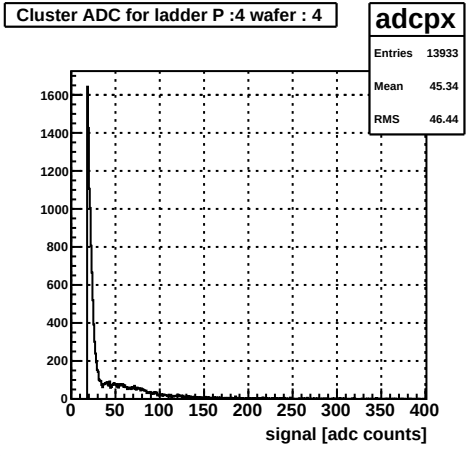

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 16400
Mean 50.21
RMS 50.53
signal [adc counts]

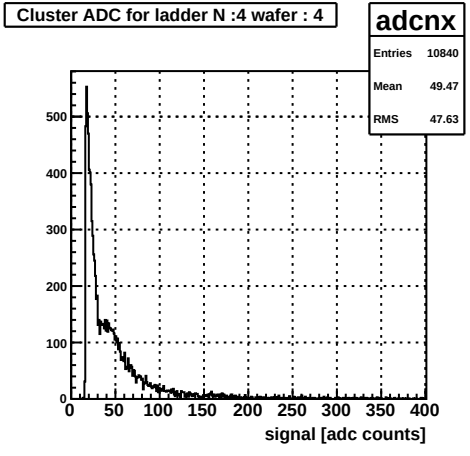

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 9082
Mean 57.75
RMS 52.18
signal [adc counts]

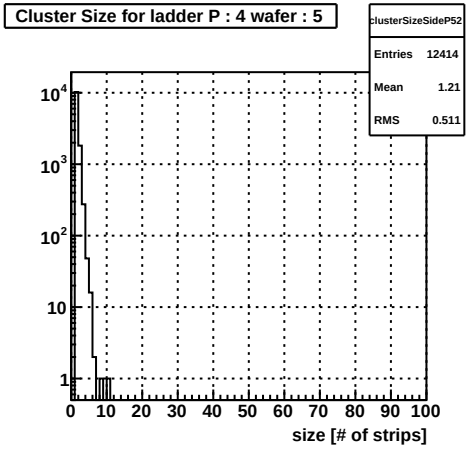

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 13933
Mean 1.118
RMS 0.4083
size [# of strips]

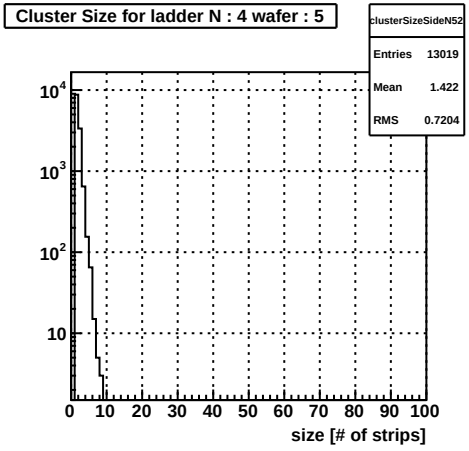

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 10840
Mean 1.327
RMS 0.6784
size [# of strips]

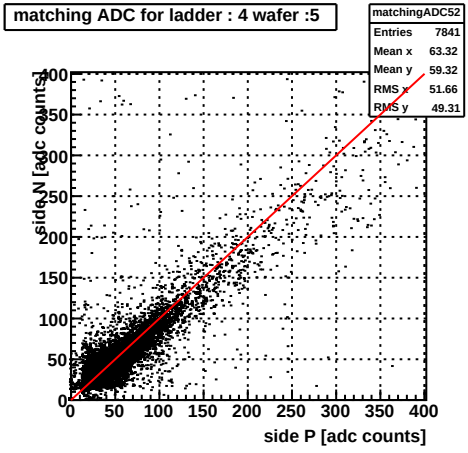

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 4882
Mean x 54.56
Mean y 58.17
RMS x 46.55
RMS y 51.6
side N [adc counts]
side P [adc counts]

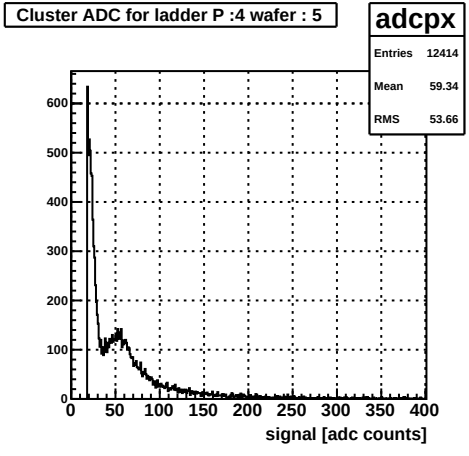

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 13933
Mean 45.34
RMS 46.44
signal [adc counts]

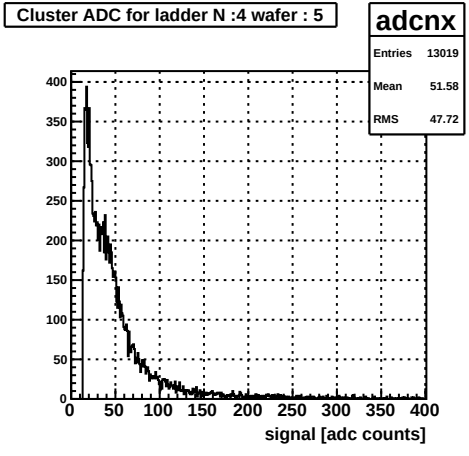

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 10840
Mean 49.47
RMS 47.63
signal [adc counts]

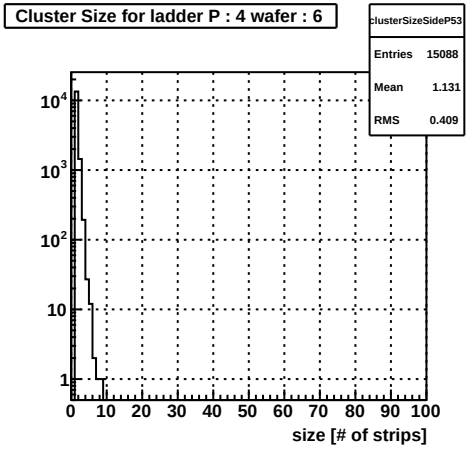

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 12414
Mean 1.21
RMS 0.511
size [# of strips]

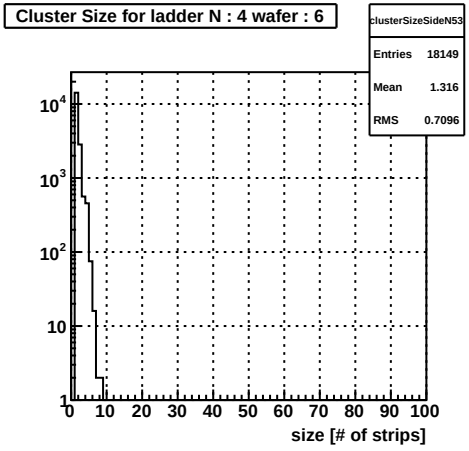

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 13019
Mean 1.422
RMS 0.7204
size [# of strips]

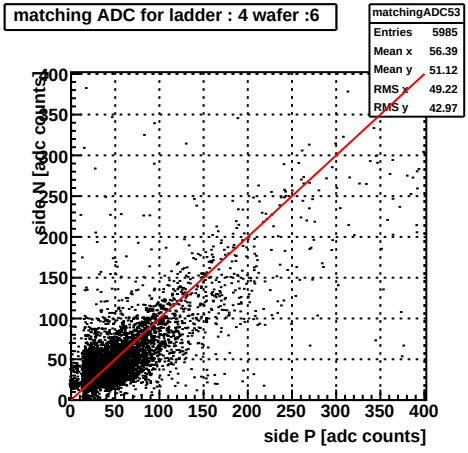

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 7841
Mean x 63.32
Mean y 59.32
RMS x 51.66
RMS y 49.31
side N [adc counts]
side P [adc counts]

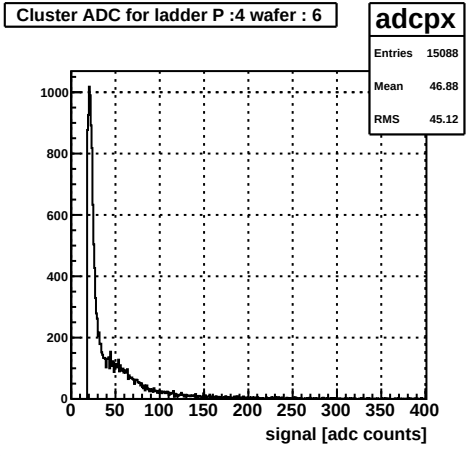

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 12414
Mean 59.34
RMS 53.66
signal [adc counts]

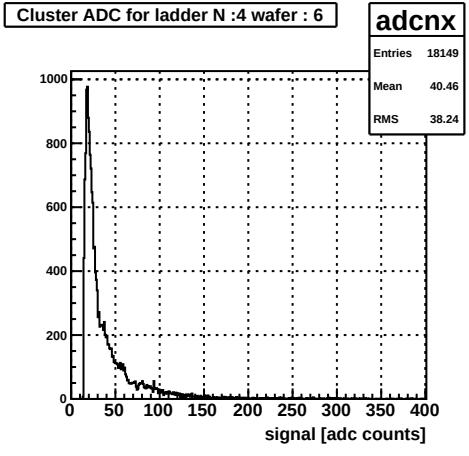

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 13019
Mean 51.58
RMS 47.72
signal [adc counts]

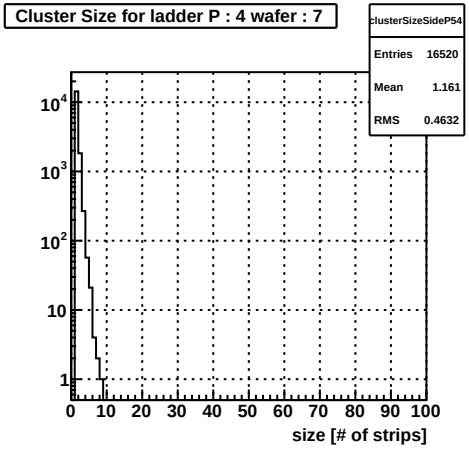

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15088
Mean 1.131
RMS 0.409
size [# of strips]

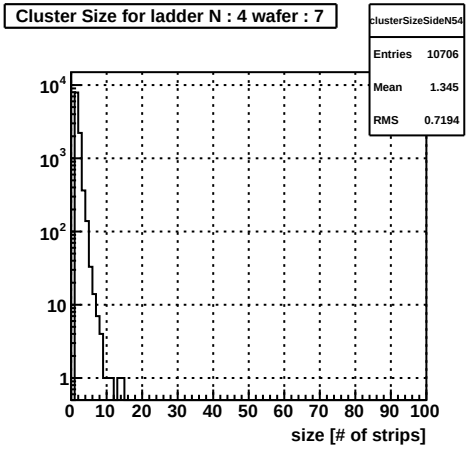

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 18149
Mean 1.316
RMS 0.7096
size [# of strips]

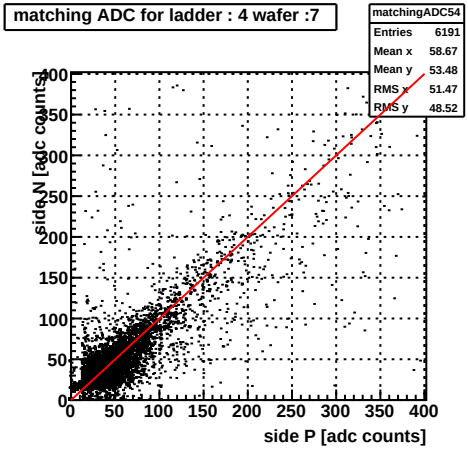

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 5985
Mean x 56.39
Mean y 51.12
RMS x 49.22
RMS y 42.97
side N [adc counts]
side P [adc counts]

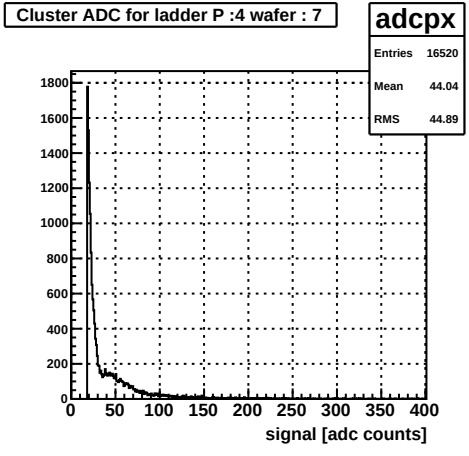

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15088
Mean 46.88
RMS 45.12
signal [adc counts]

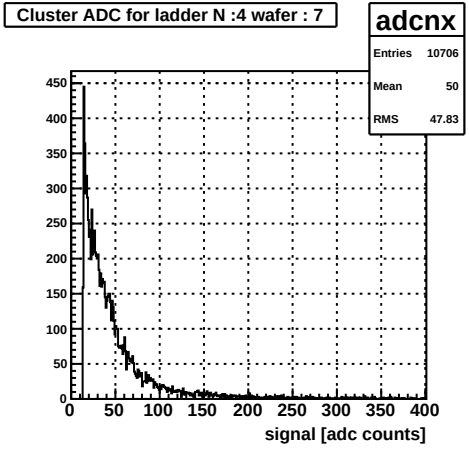

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 18149
Mean 40.46
RMS 38.24
signal [adc counts]

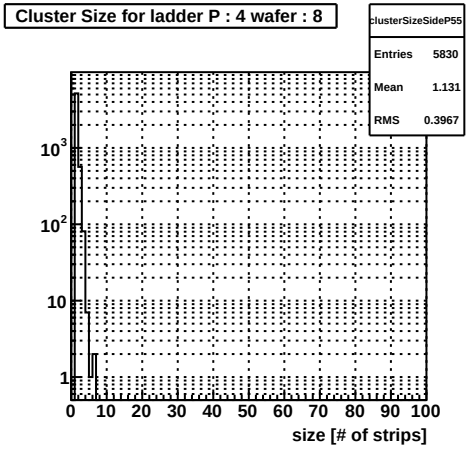

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 16520
Mean 1.161
RMS 0.4632
size [# of strips]

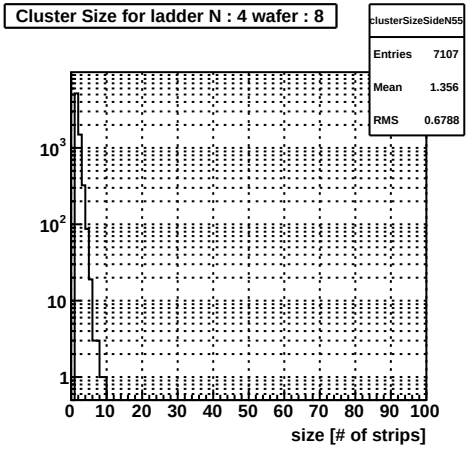

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 10706
Mean 1.345
RMS 0.7194
size [# of strips]

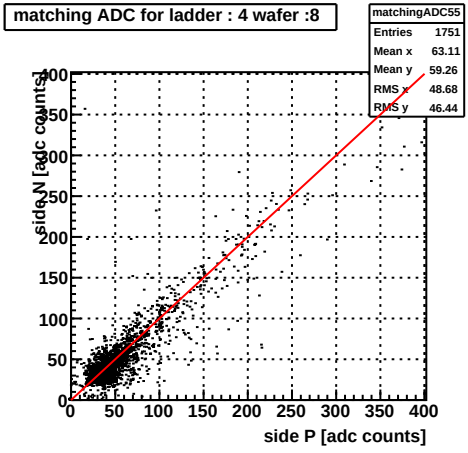

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 6191
Mean x 58.67
Mean y 53.48
RMS x 51.47
RMS y 48.52
side N [adc counts]
side P [adc counts]

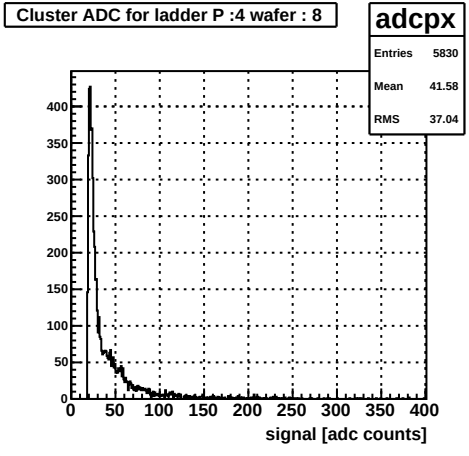

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 16520
Mean 44.04
RMS 44.89
signal [adc counts]

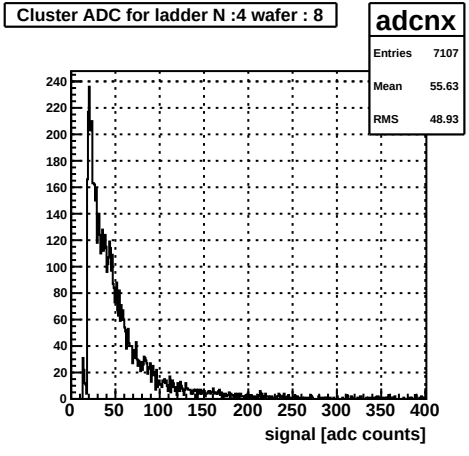

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 10706
Mean 50
RMS 47.83
signal [adc counts]

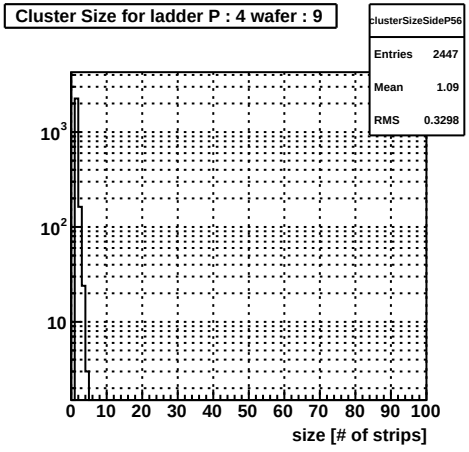

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 5830
Mean 1.131
RMS 0.3967
size [# of strips]

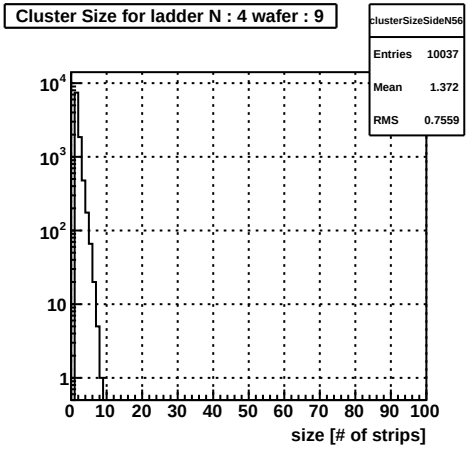

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 7107
Mean 1.356
RMS 0.6788
size [# of strips]

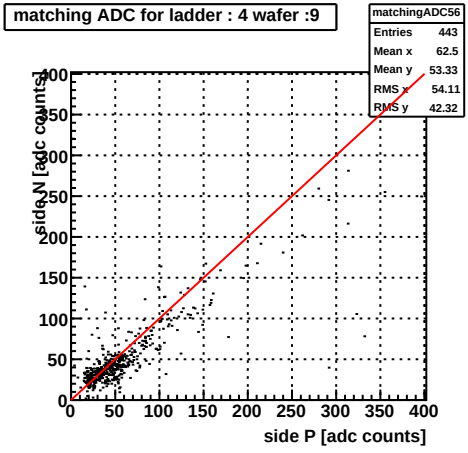

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 1751
Mean x 63.11
Mean y 59.26
RMS x 48.68
RMS y 46.44
side N [adc counts]
side P [adc counts]

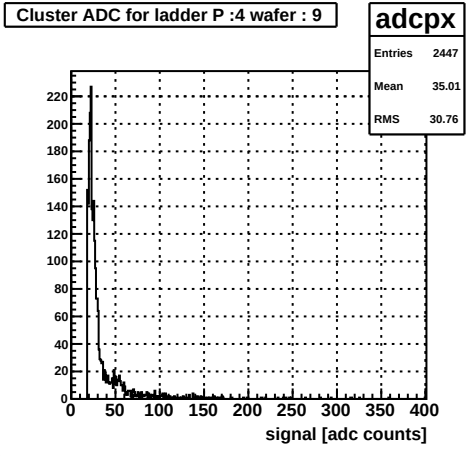

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 5830
Mean 41.58
RMS 37.04
signal [adc counts]

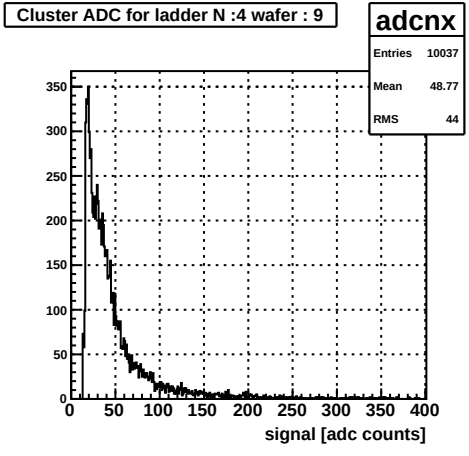

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 7107
Mean 55.63
RMS 48.93
signal [adc counts]

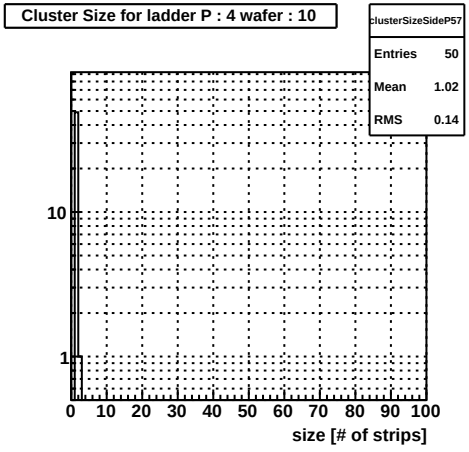

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2447
Mean 1.09
RMS 0.3298
size [# of strips]

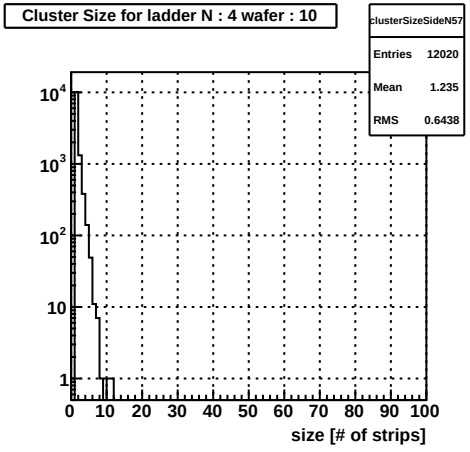

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 10037
Mean 1.372
RMS 0.7559
size [# of strips]

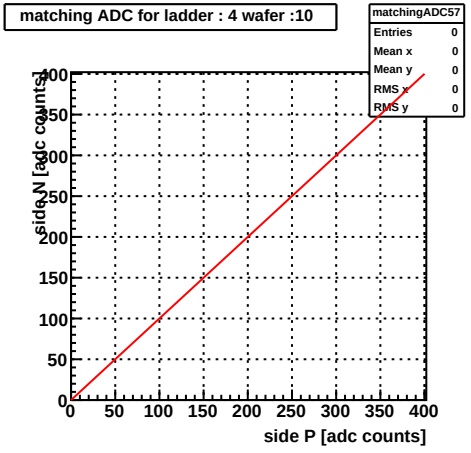

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 443
Mean x 62.5
Mean y 53.33
RMS x 54.11
RMS y 42.32
side N [adc counts]
side P [adc counts]

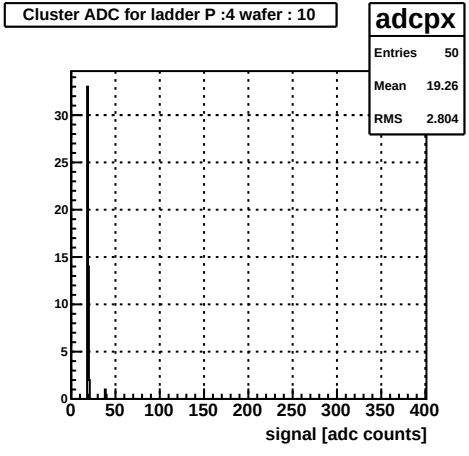

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2447
Mean 35.01
RMS 30.76
signal [adc counts]

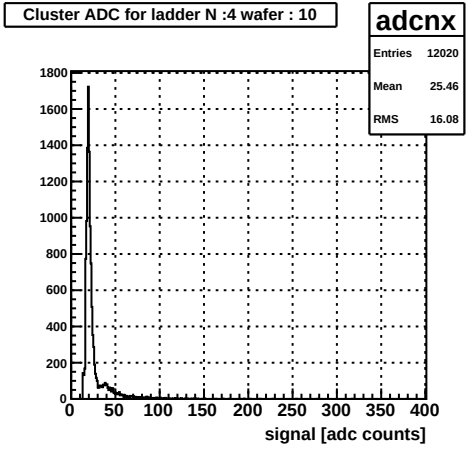

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 10037
Mean 48.77
RMS 44
signal [adc counts]

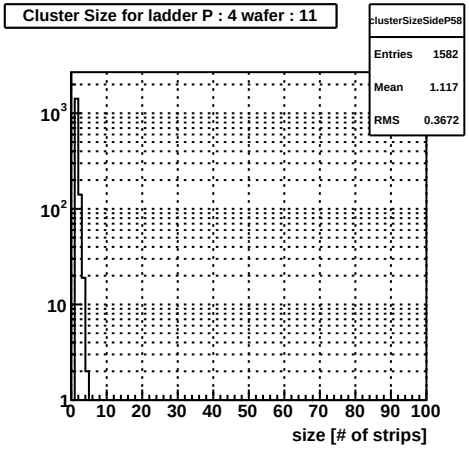

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 50
Mean 1.02
RMS 0.14
size [# of strips]

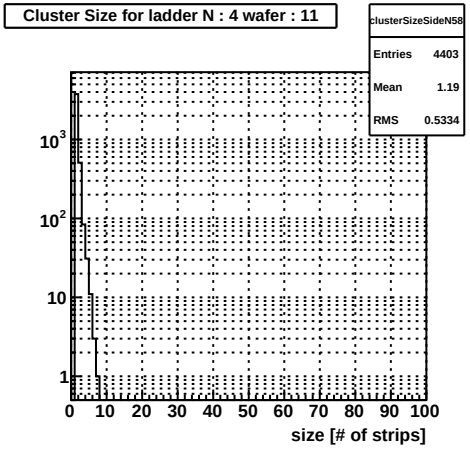

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12020
Mean 1.235
RMS 0.6438
size [# of strips]

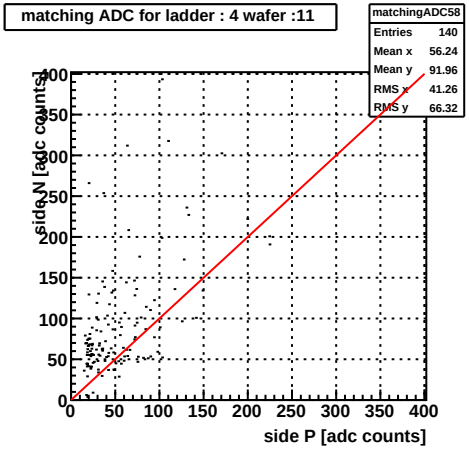

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

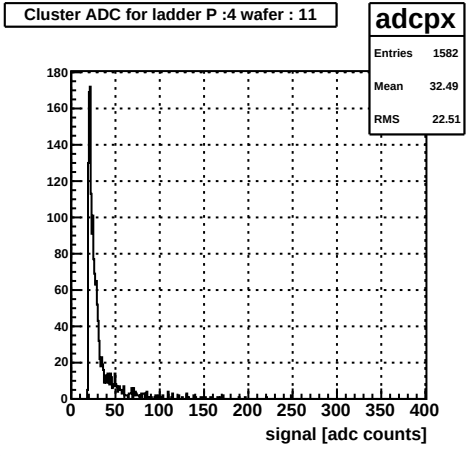

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 50
Mean 19.26
RMS 2.804
signal [adc counts]

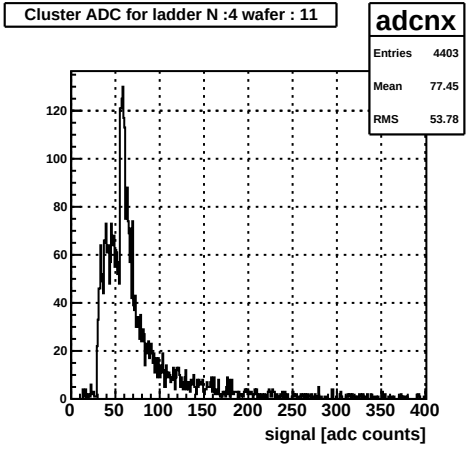

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12020
Mean 25.46
RMS 16.08
signal [adc counts]

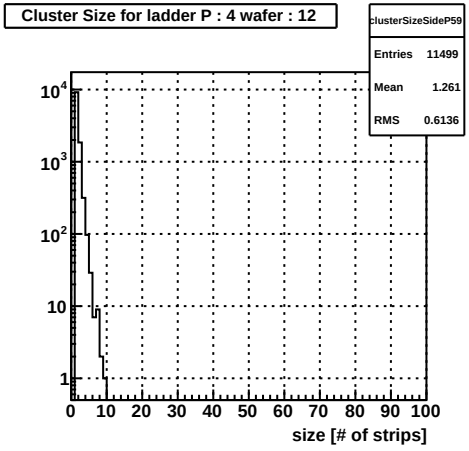

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1582
Mean 1.117
RMS 0.3672
size [# of strips]

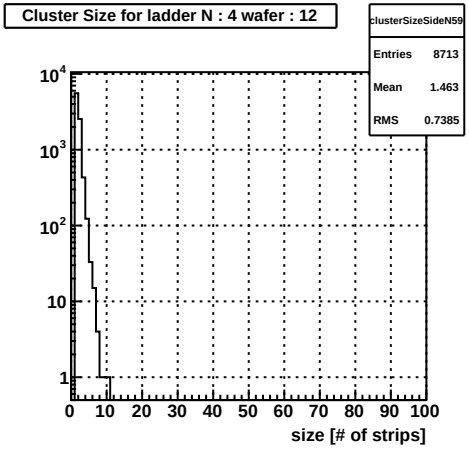

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 4403
Mean 1.19
RMS 0.5334
size [# of strips]

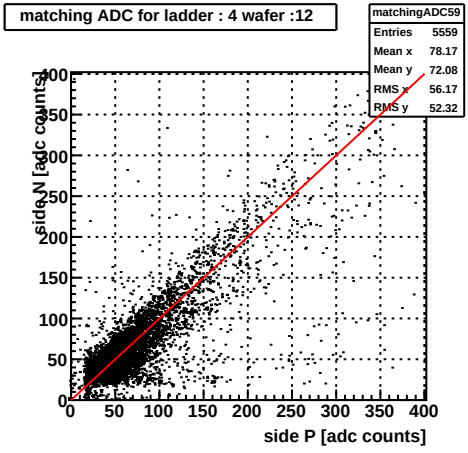

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 140
Mean x 56.24
Mean y 91.96
RMS x 41.26
RMS y 66.32
side N [adc counts]
side P [adc counts]

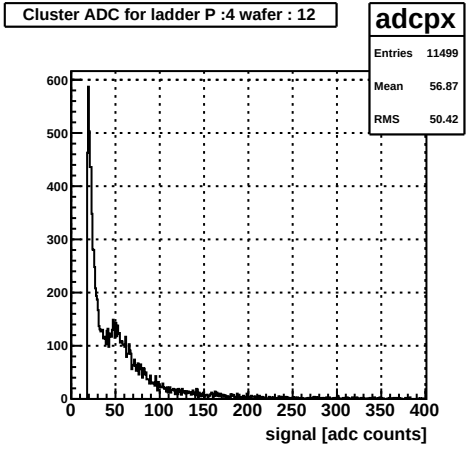

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1582
Mean 32.49
RMS 22.51
signal [adc counts]

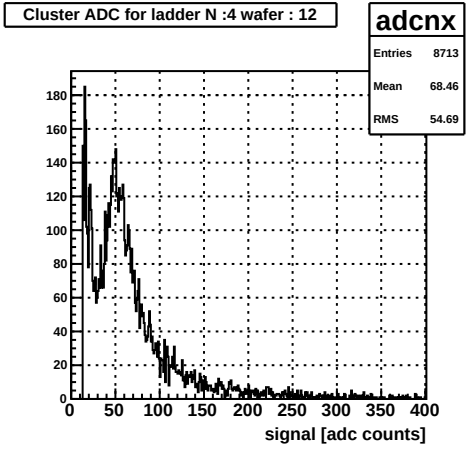

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 4403
Mean 77.45
RMS 53.78
signal [adc counts]

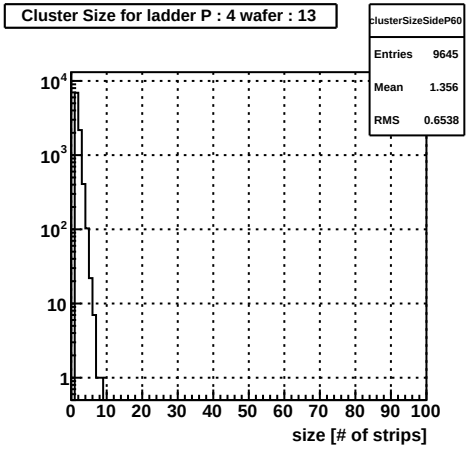

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 11499
Mean 1.261
RMS 0.6136
size [# of strips]

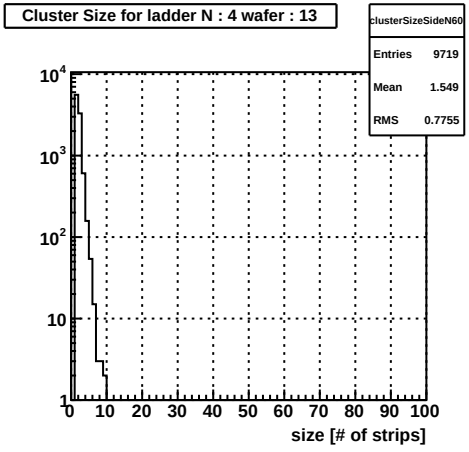

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 8713
Mean 1.463
RMS 0.7385
size [# of strips]

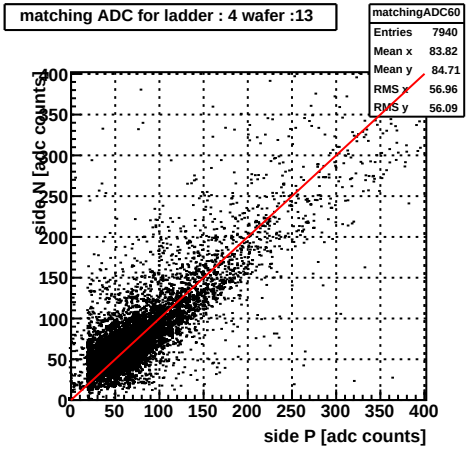

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 5559
Mean x 78.17
Mean y 72.08
RMS x 56.17
RMS y 52.32
side N [adc counts]
side P [adc counts]

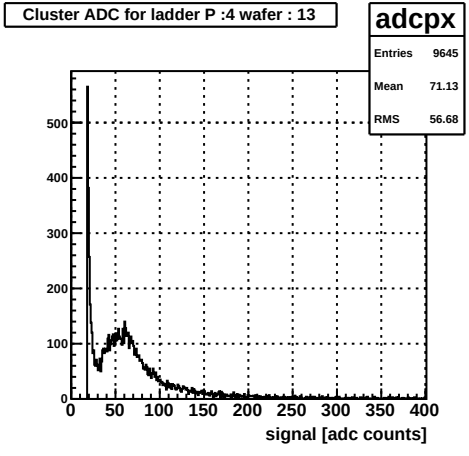

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 11499
Mean 56.87
RMS 50.42
signal [adc counts]

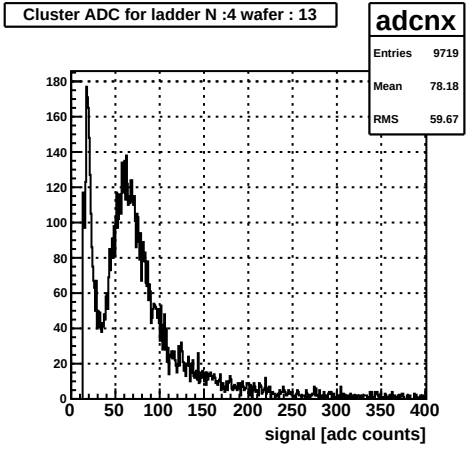

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 8713
Mean 68.46
RMS 54.69
signal [adc counts]

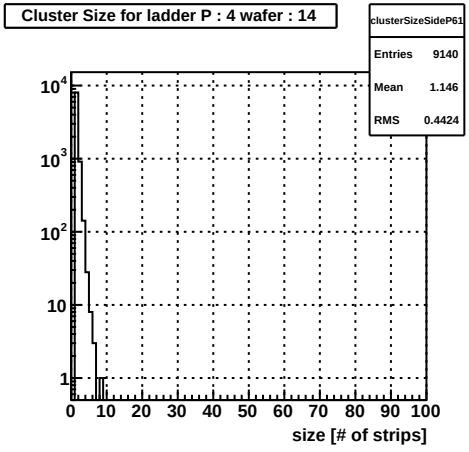

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 9645
Mean 1.356
RMS 0.6538
size [# of strips]

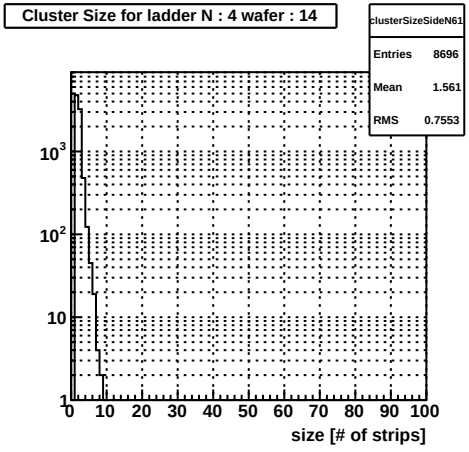

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 9719
Mean 1.549
RMS 0.7755
size [# of strips]

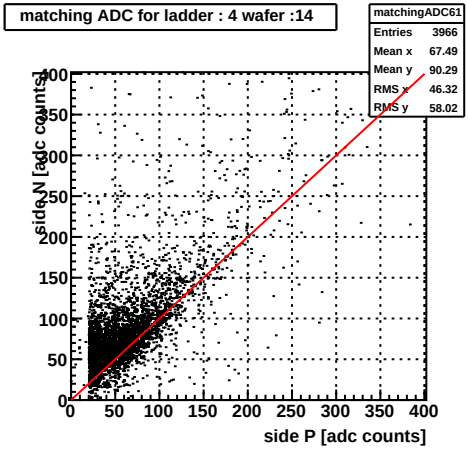

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 7940
Mean x 83.82
Mean y 84.71
RMS x 56.96
RMS y 56.09
side N [adc counts]
side P [adc counts]

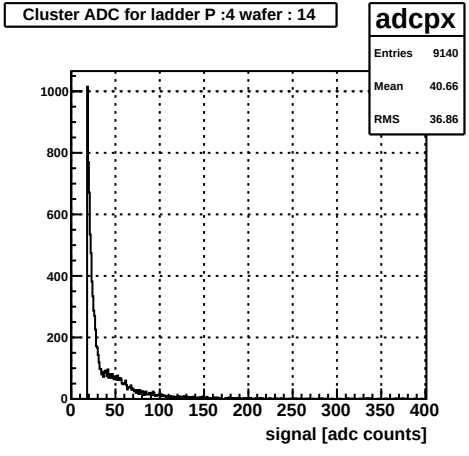

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 9645
Mean 71.13
RMS 56.68
signal [adc counts]

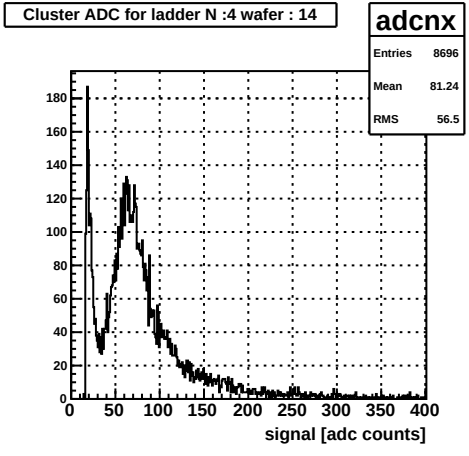

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 9719
Mean 78.18
RMS 59.67
signal [adc counts]

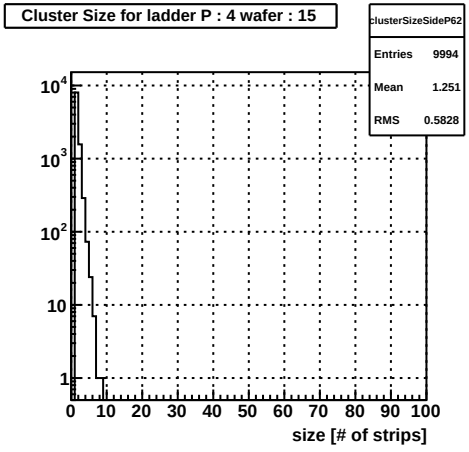

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9140
Mean 1.146
RMS 0.4424
size [# of strips]

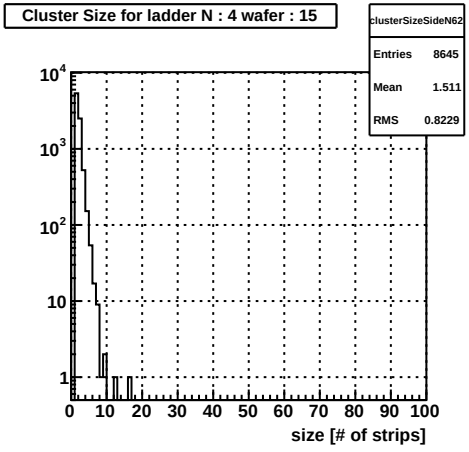

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 8696
Mean 1.561
RMS 0.7553
size [# of strips]

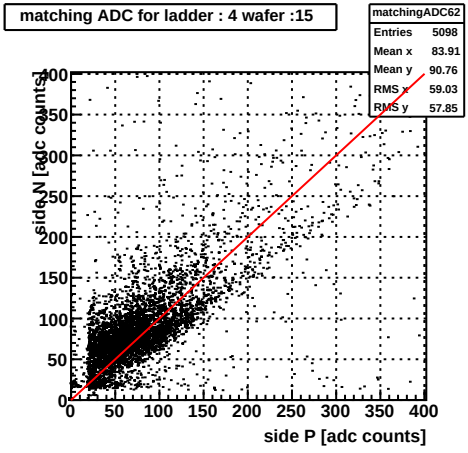

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 3966
Mean x 67.49
Mean y 90.29
RMS x 46.32
RMS y 58.02
side N [adc counts]
side P [adc counts]

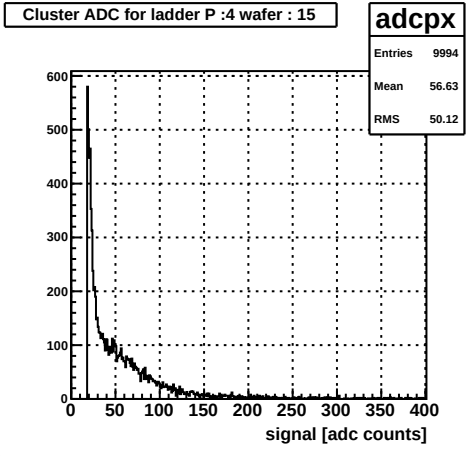

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9140
Mean 40.66
RMS 36.86
signal [adc counts]

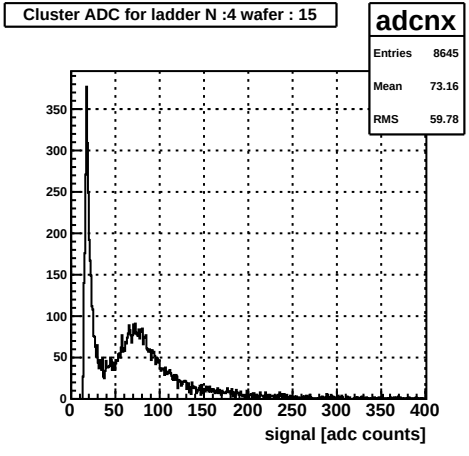

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 8696
Mean 81.24
RMS 56.5
signal [adc counts]

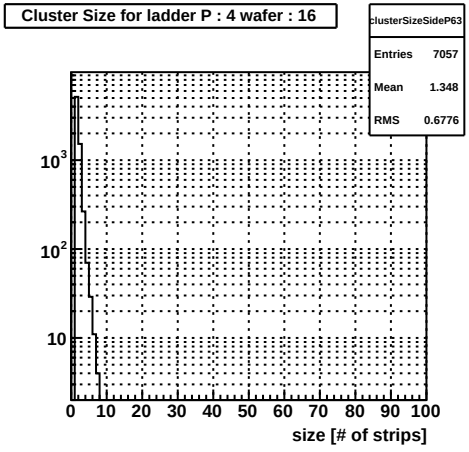

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9994
Mean 1.251
RMS 0.5828
size [# of strips]

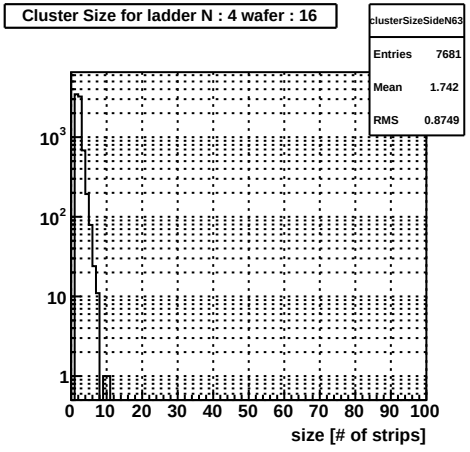

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 8645
Mean 1.511
RMS 0.8229
size [# of strips]

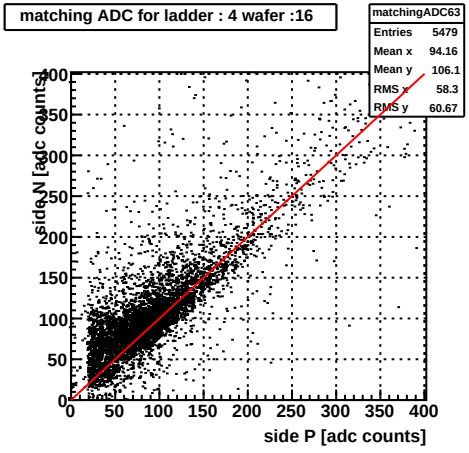

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 5098
Mean x 83.91
Mean y 90.76
RMS x 59.03
RMS y 57.85
side N [adc counts]
side P [adc counts]

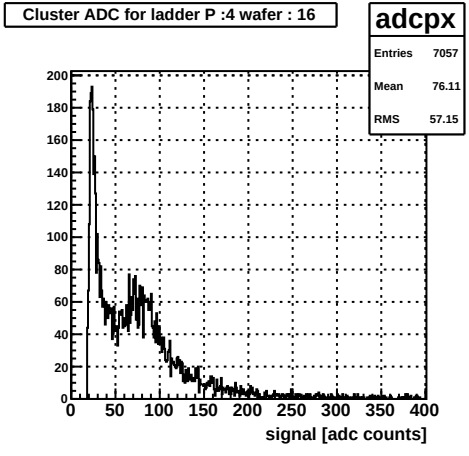

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9994
Mean 56.63
RMS 50.12
signal [adc counts]

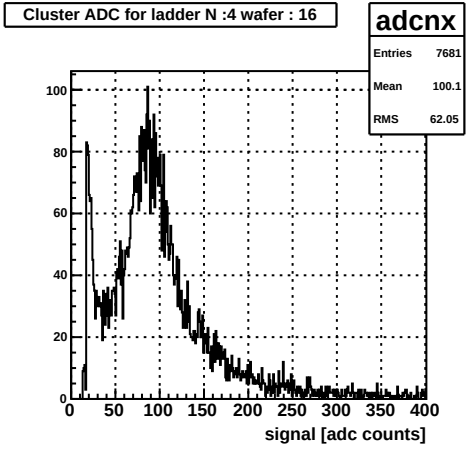

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 8645
Mean 73.16
RMS 59.78
signal [adc counts]

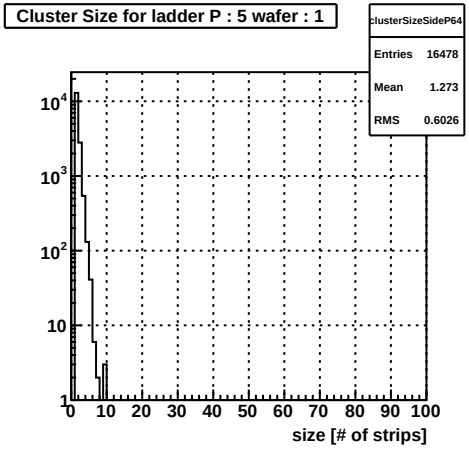

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 7057
Mean 1.348
RMS 0.6776
size [# of strips]

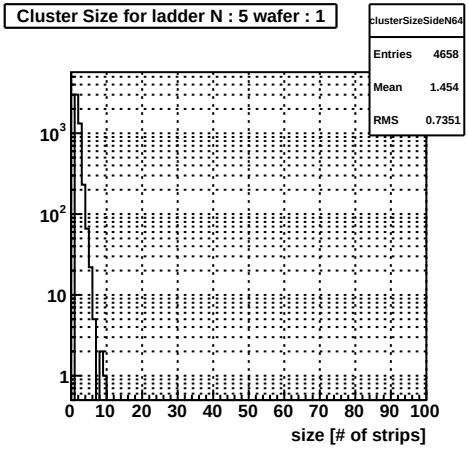

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 7681
Mean 1.742
RMS 0.8749
size [# of strips]

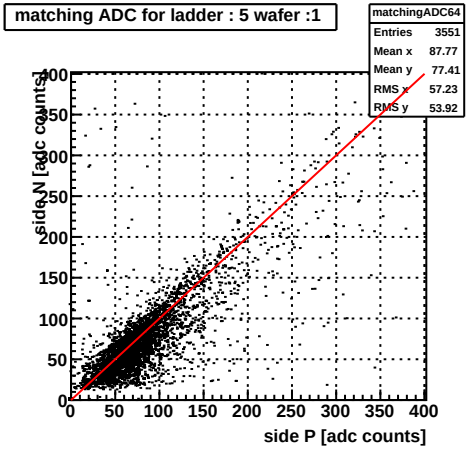

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 5479
Mean x 94.16
Mean y 106.1
RMS x 58.3
RMS y 60.67
side N [adc counts]
side P [adc counts]

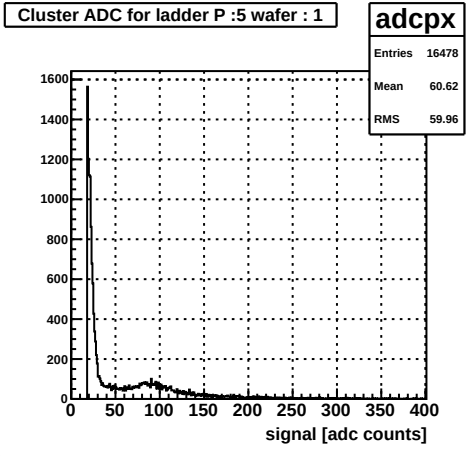

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 7057
Mean 76.11
RMS 57.15
signal [adc counts]

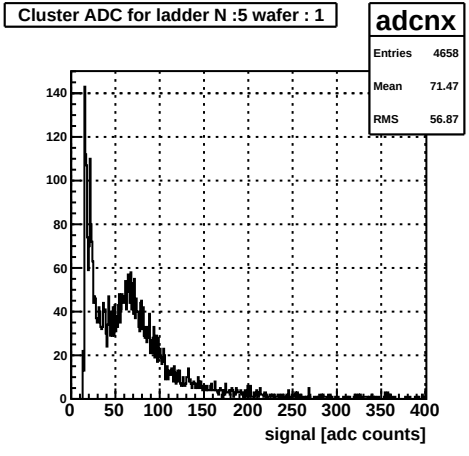

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 7681
Mean 100.1
RMS 62.05
signal [adc counts]

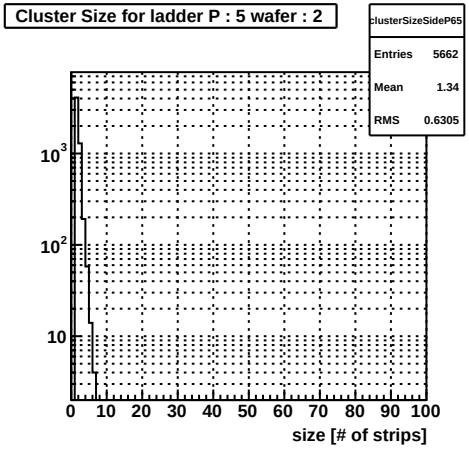

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 16478
Mean 1.273
RMS 0.6026
size [# of strips]

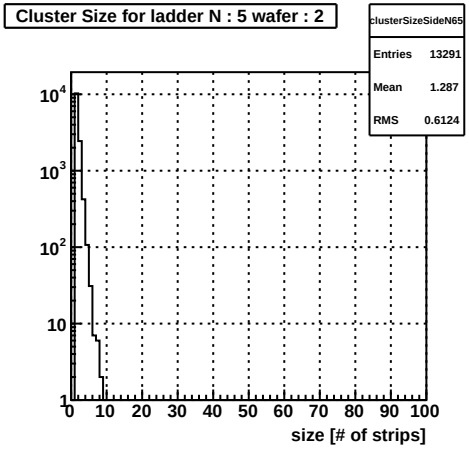

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 4658
Mean 1.454
RMS 0.7351
size [# of strips]

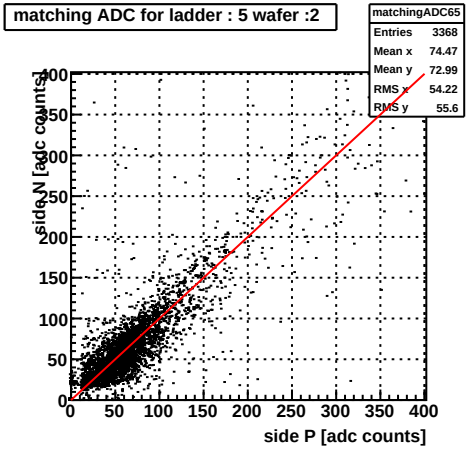

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3551
Mean x 87.77
Mean y 77.41
RMS x 57.23
RMS y 53.92
side N [adc counts]
side P [adc counts]

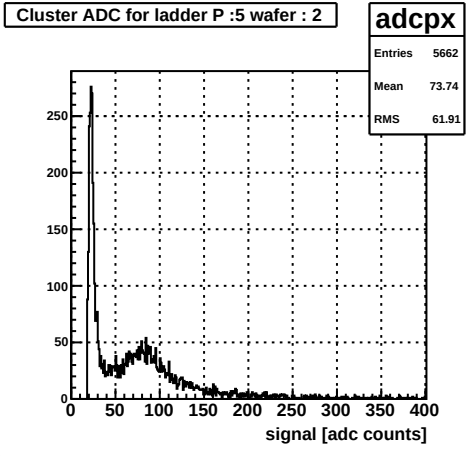

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 16478
Mean 60.62
RMS 59.96
signal [adc counts]

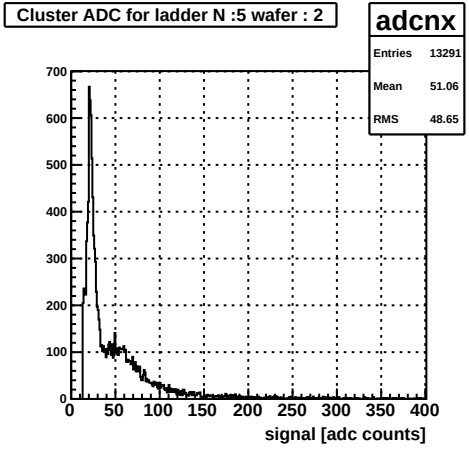

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 4658
Mean 71.47
RMS 56.87
signal [adc counts]

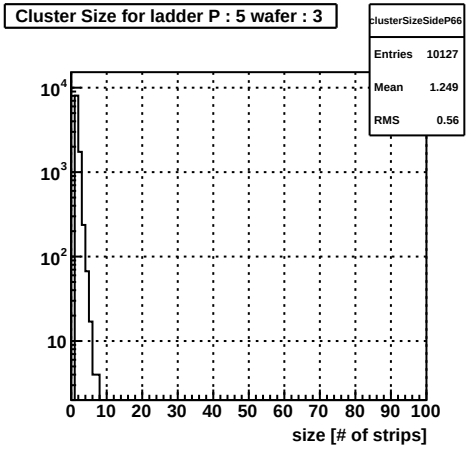

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 5662
Mean 1.34
RMS 0.6305
size [# of strips]

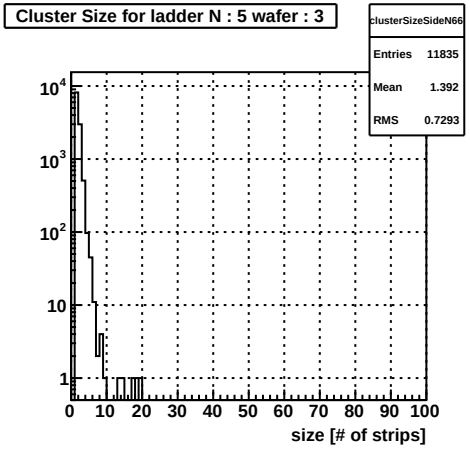

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 13291
Mean 1.287
RMS 0.6124
size [# of strips]

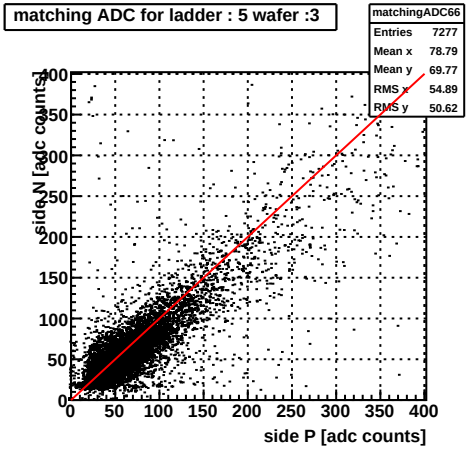

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3368
Mean x 74.47
Mean y 72.99
RMS x 54.22
RMS y 55.6
side N [adc counts]
side P [adc counts]

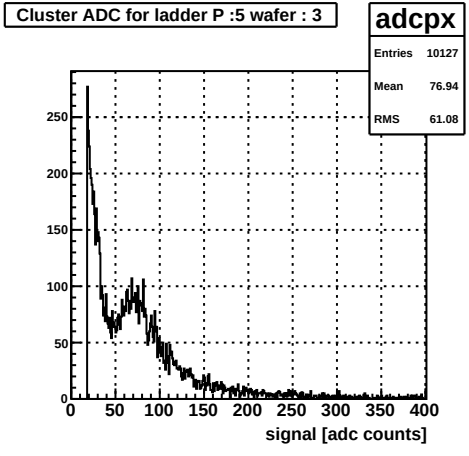

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 5662
Mean 73.74
RMS 61.91
signal [adc counts]

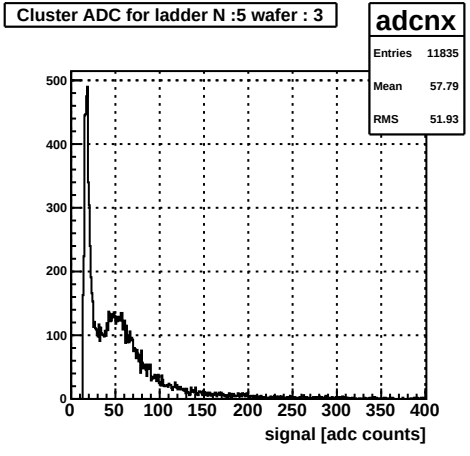

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 13291
Mean 51.06
RMS 48.65
signal [adc counts]

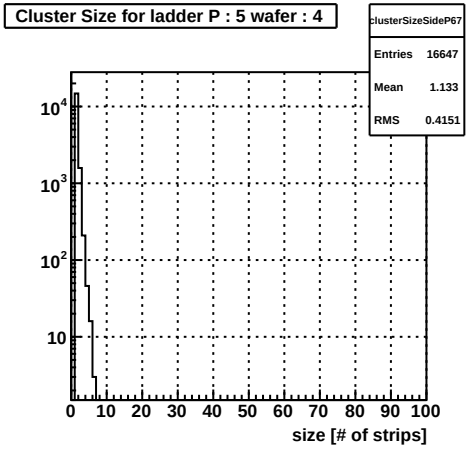

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 10127
Mean 1.249
RMS 0.56
size [# of strips]

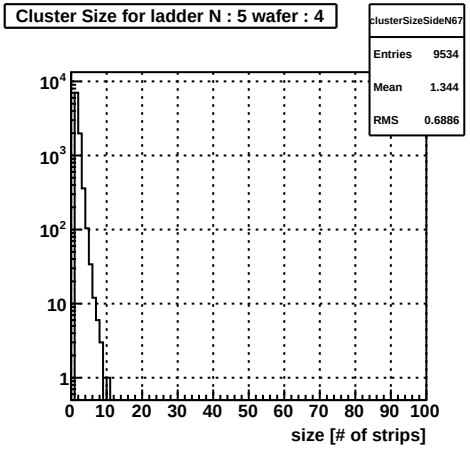

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 11835
Mean 1.392
RMS 0.7293
size [# of strips]

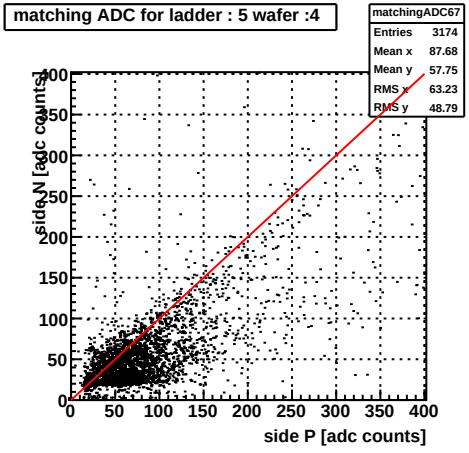

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 7277
Mean x 78.79
Mean y 69.77
RMS x 54.89
RMS y 50.62
side N [adc counts]
side P [adc counts]

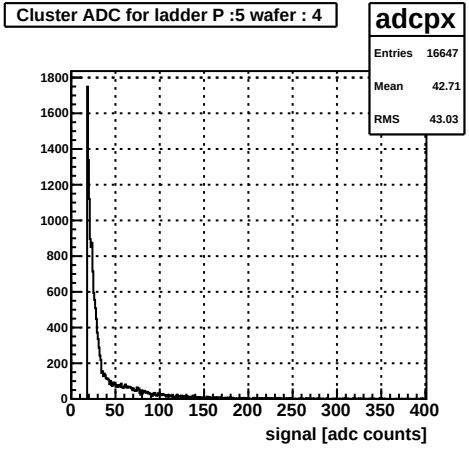

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 10127
Mean 76.94
RMS 61.08
signal [adc counts]

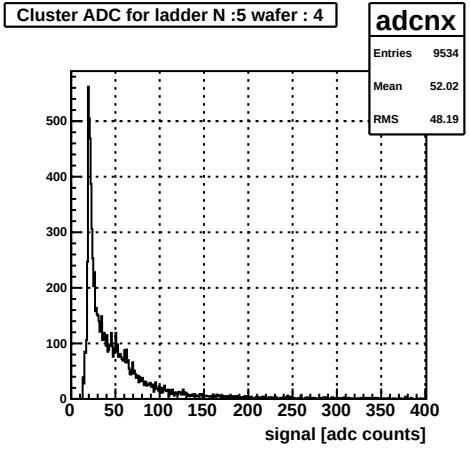

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 11835
Mean 57.79
RMS 51.93
signal [adc counts]

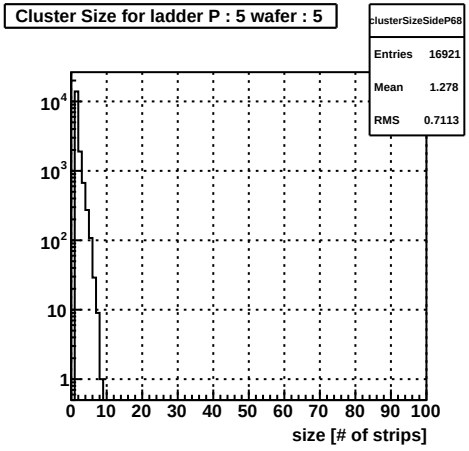

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 16647
Mean 1.133
RMS 0.4151
size [# of strips]

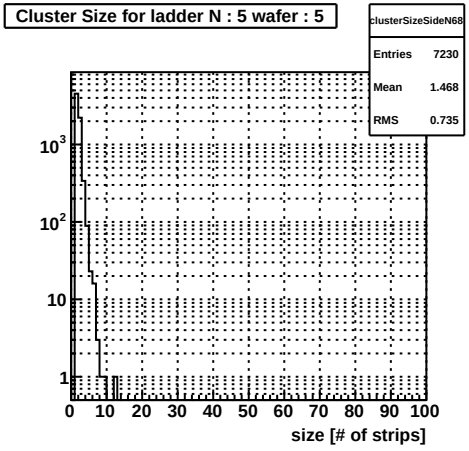

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 9534
Mean 1.344
RMS 0.6886
size [# of strips]

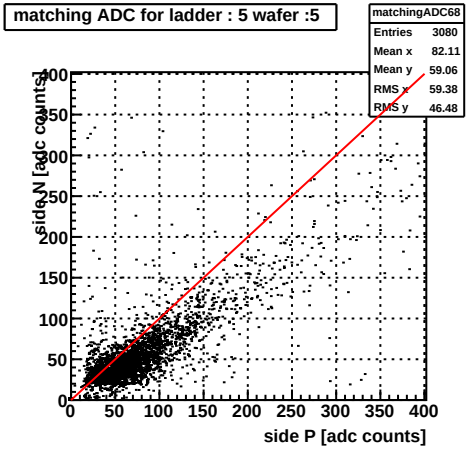

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 3174
Mean x 87.68
Mean y 57.75
RMS x 63.23
RMS y 48.79
side N [adc counts]
side P [adc counts]

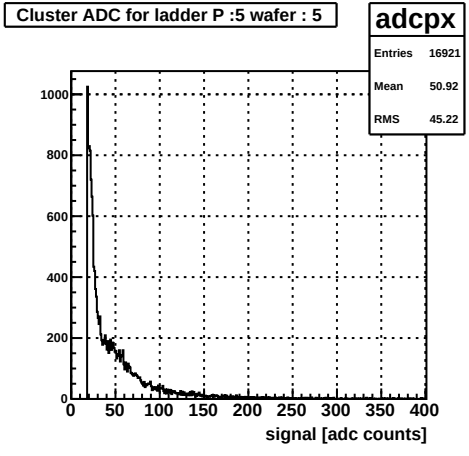

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 16647
Mean 42.71
RMS 43.03
signal [adc counts]

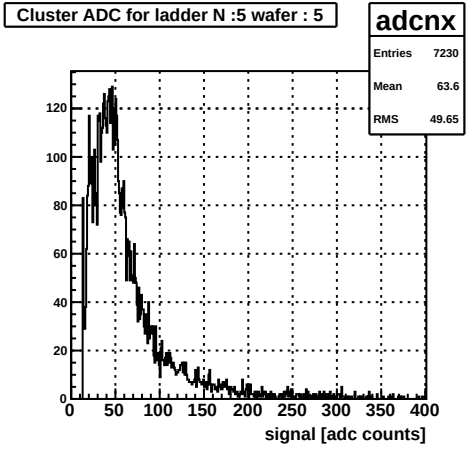

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 9534
Mean 52.02
RMS 48.19
signal [adc counts]

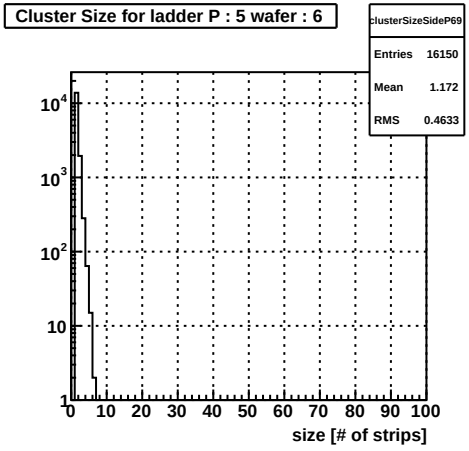

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 16921
Mean 1.278
RMS 0.7113
size [# of strips]

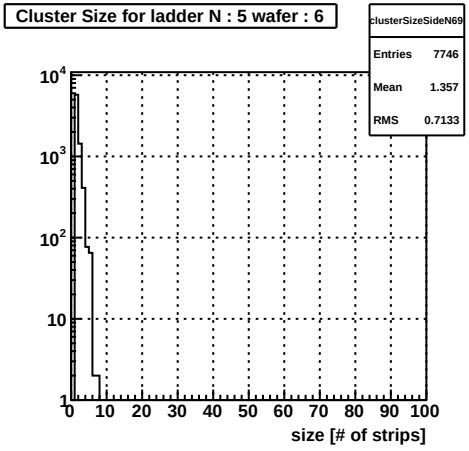

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 7230
Mean 1.468
RMS 0.735
size [# of strips]

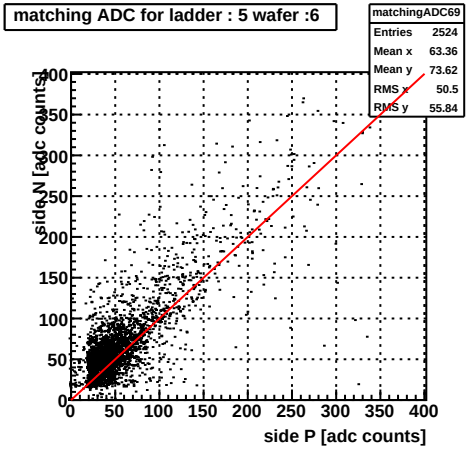

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 3080
Mean x 82.11
Mean y 59.06
RMS x 59.38
RMS y 46.48
side N [adc counts]
side P [adc counts]

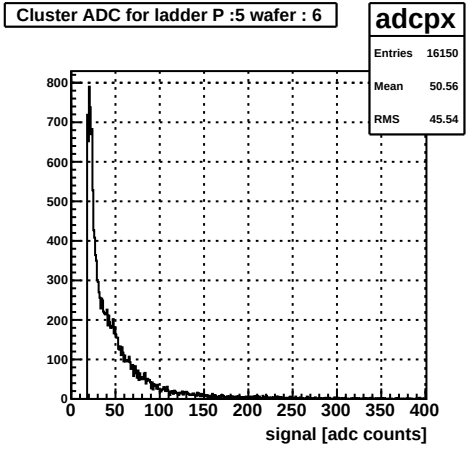

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 16921
Mean 50.92
RMS 45.22
signal [adc counts]

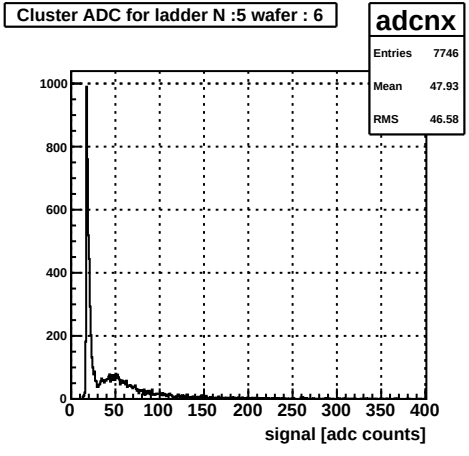

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 7230
Mean 63.6
RMS 49.65
signal [adc counts]

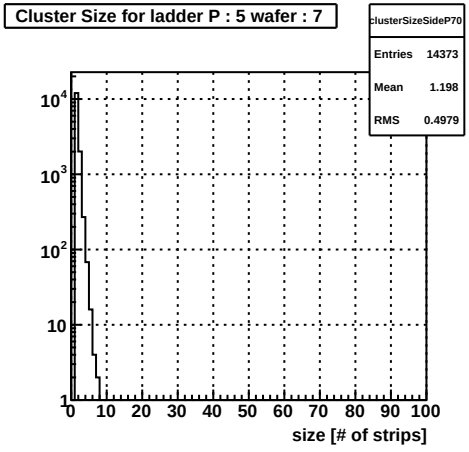

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 16150
Mean 1.172
RMS 0.4633
size [# of strips]

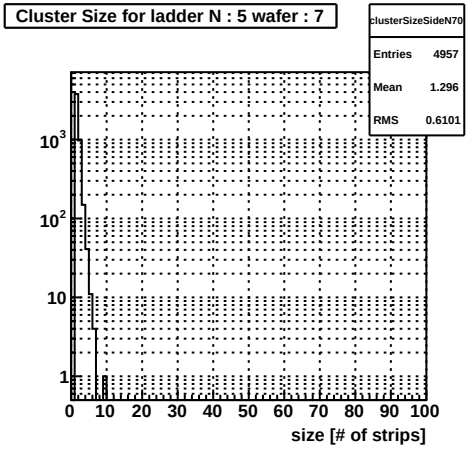

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 7746
Mean 1.357
RMS 0.7133
size [# of strips]

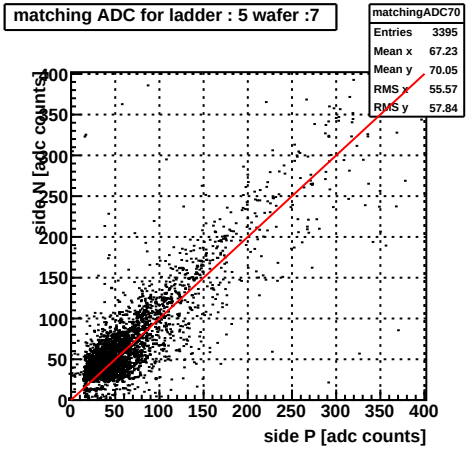

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2524
Mean x 63.36
Mean y 73.62
RMS x 50.5
RMS y 55.84
side N [adc counts]
side P [adc counts]

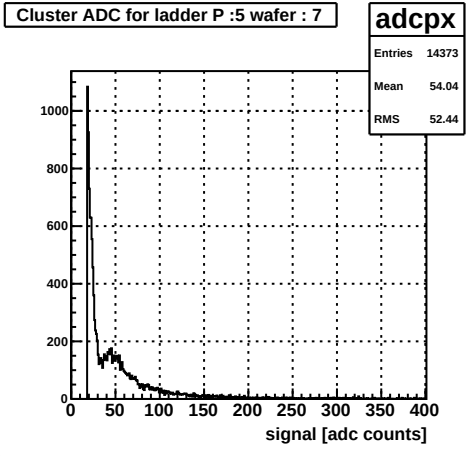

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 16150
Mean 50.56
RMS 45.54
signal [adc counts]

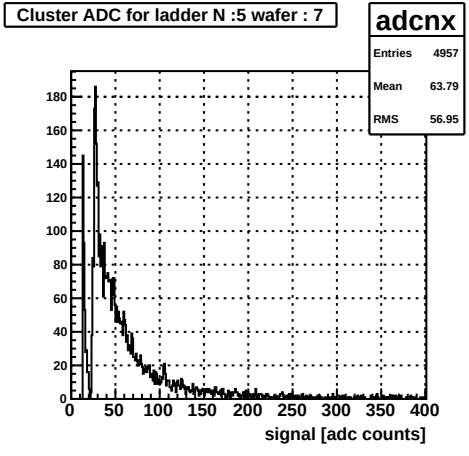

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 7746
Mean 47.93
RMS 46.58
signal [adc counts]

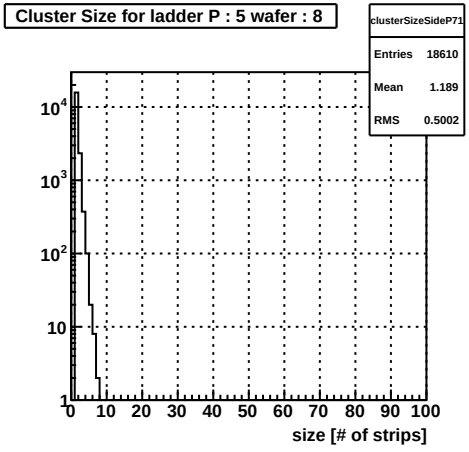

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 14373
Mean 1.198
RMS 0.4979
size [# of strips]

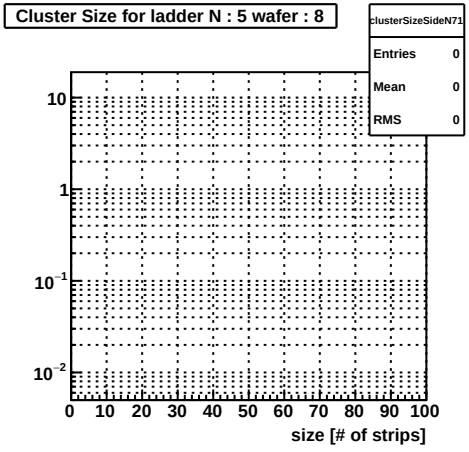

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 4957
Mean 1.296
RMS 0.6101
size [# of strips]

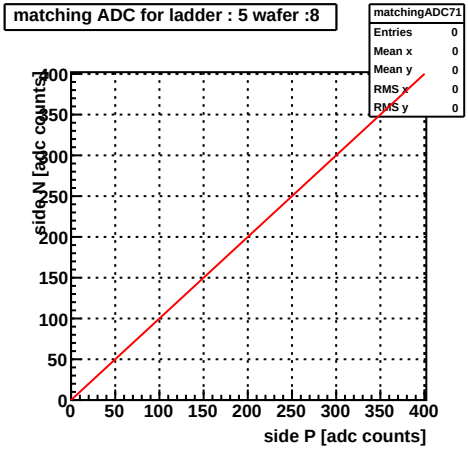

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3395
Mean x 67.23
Mean y 70.05
RMS x 55.57
RMS y 57.84
side N [adc counts]
side P [adc counts]

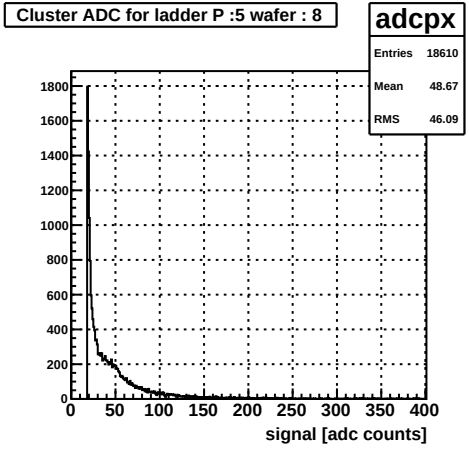

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 14373
Mean 54.04
RMS 52.44
signal [adc counts]

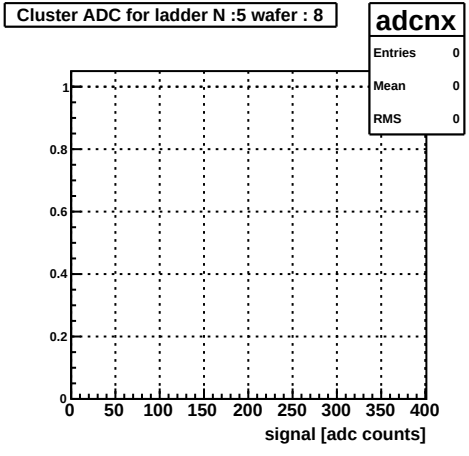

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 4957
Mean 63.79
RMS 56.95
signal [adc counts]

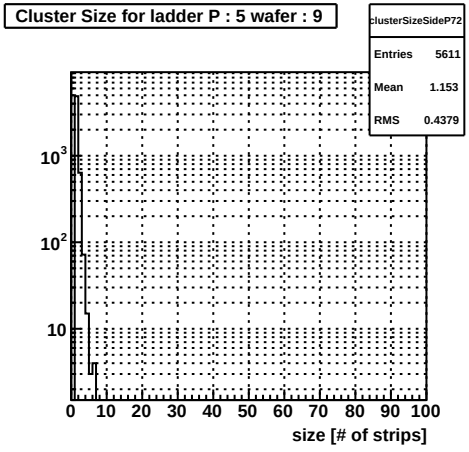

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 18610
Mean 1.189
RMS 0.5002
size [# of strips]

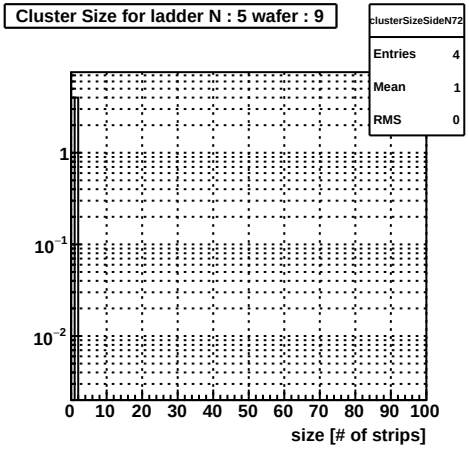

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

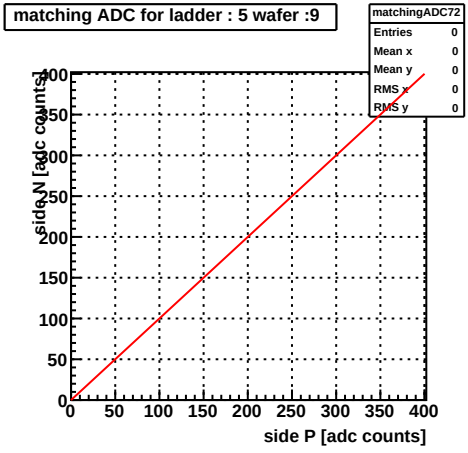

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

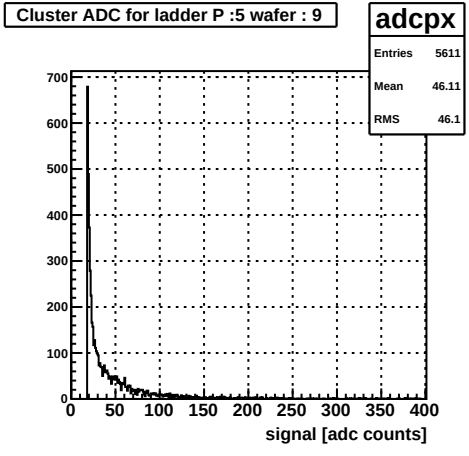

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 18610
Mean 48.67
RMS 46.09
signal [adc counts]

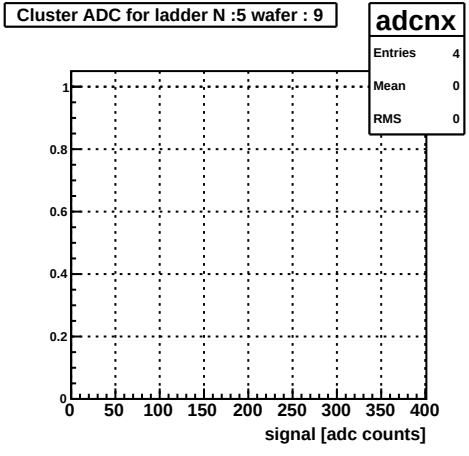

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

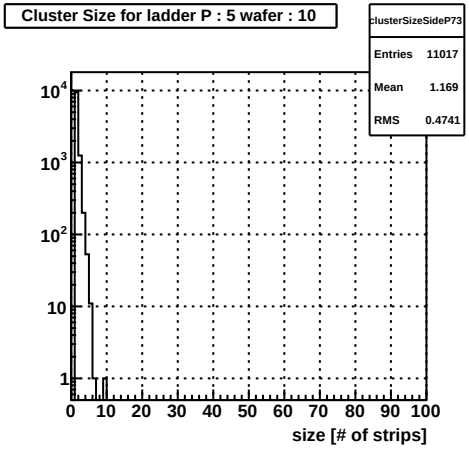

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5611
Mean 1.153
RMS 0.4379
size [# of strips]

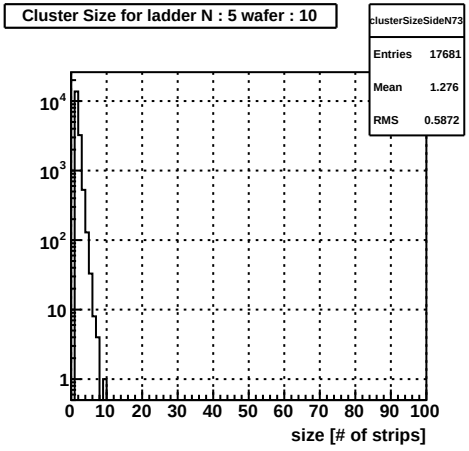

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 4
Mean 1
RMS 0
size [# of strips]

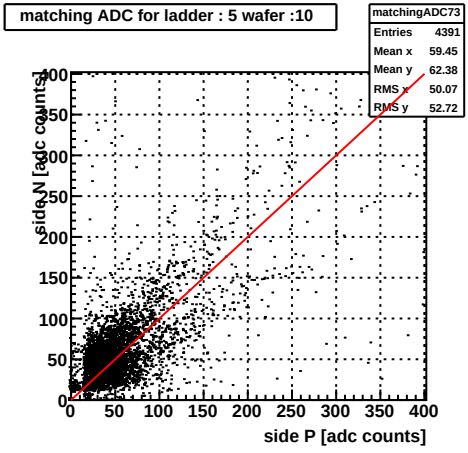

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

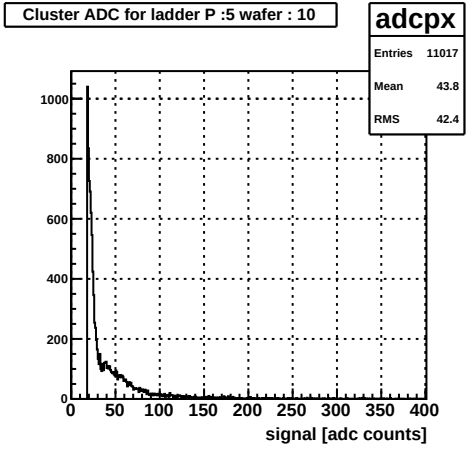

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5611
Mean 46.11
RMS 46.1
signal [adc counts]

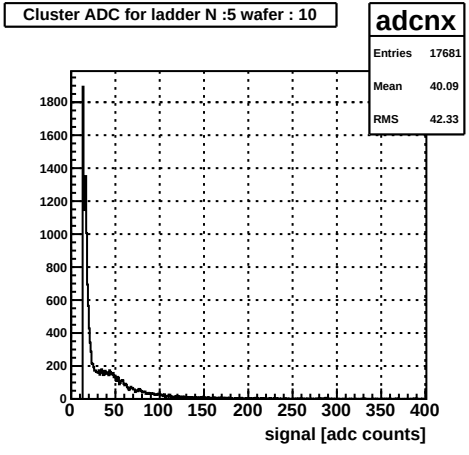

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

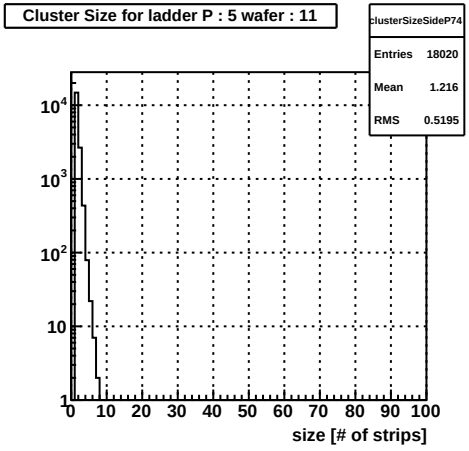

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 11017
Mean 1.169
RMS 0.4741
size [# of strips]

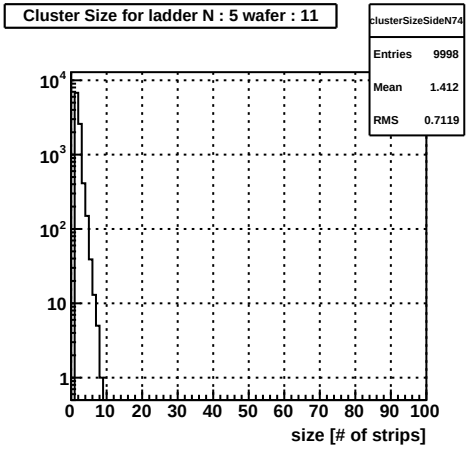

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 17681
Mean 1.276
RMS 0.5872
size [# of strips]

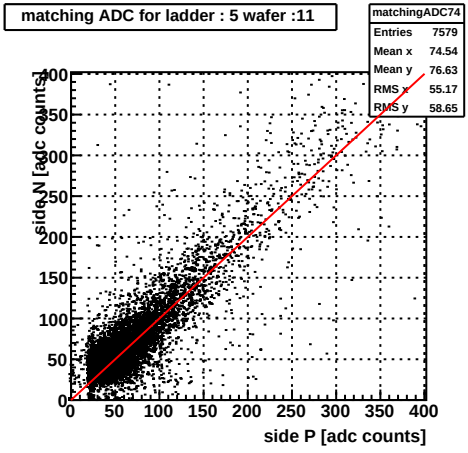

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 4391
Mean x 59.45
Mean y 62.38
RMS x 50.07
RMS y 52.72
side N [adc counts]
side P [adc counts]

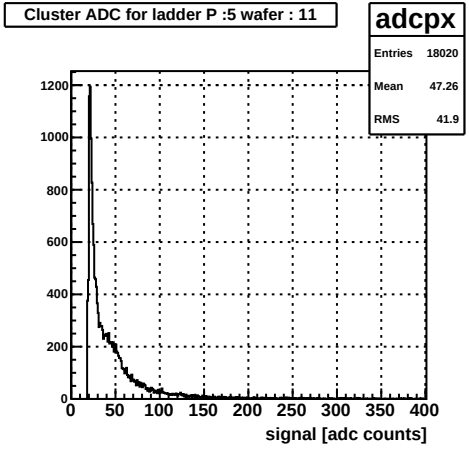

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 11017
Mean 43.8
RMS 42.4
signal [adc counts]

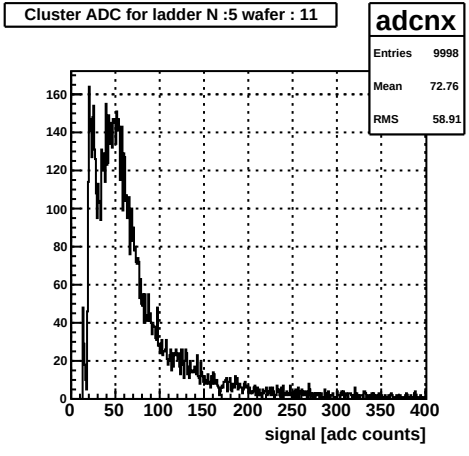

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 17681
Mean 40.09
RMS 42.33
signal [adc counts]

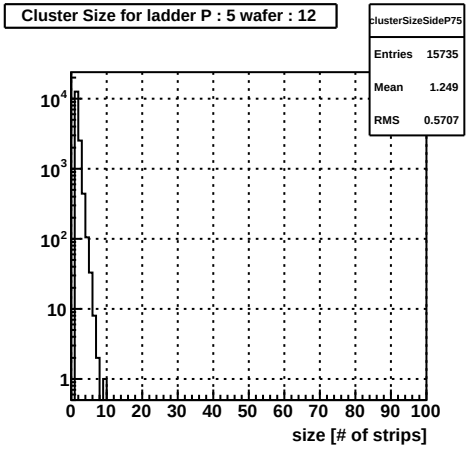

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 18020
Mean 1.216
RMS 0.5195
size [# of strips]

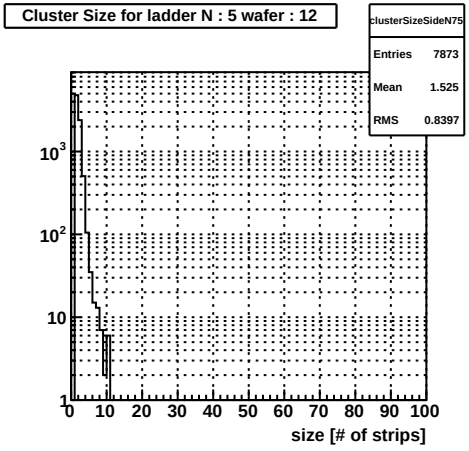

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 9998
Mean 1.412
RMS 0.7119
size [# of strips]

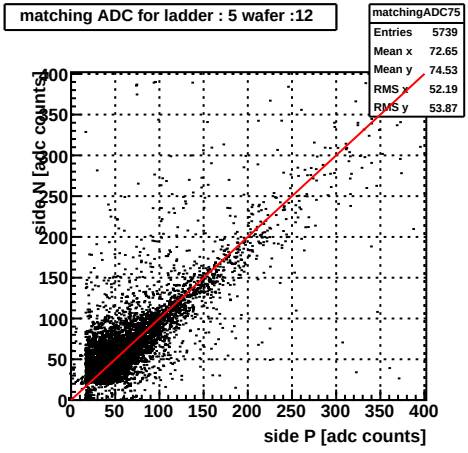

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 7579
Mean x 74.54
Mean y 76.63
RMS x 55.17
RMS y 58.65
side N [adc counts]
side P [adc counts]

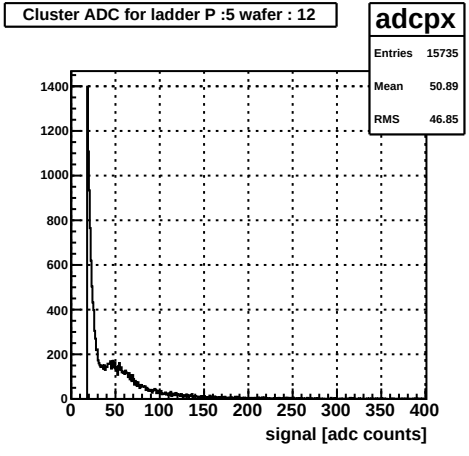

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 18020
Mean 47.26
RMS 41.9
signal [adc counts]

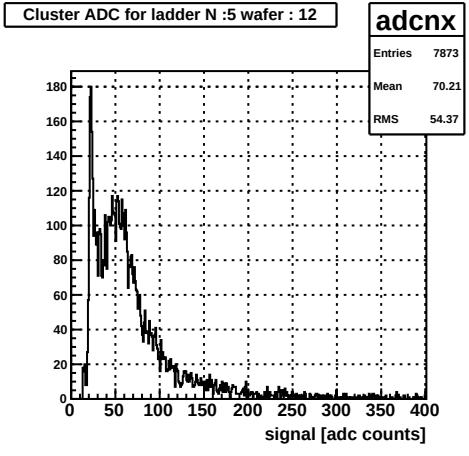

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 9998
Mean 72.76
RMS 58.91
signal [adc counts]

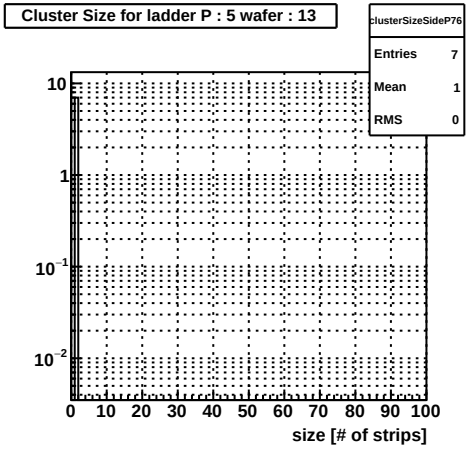

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 15735
Mean 1.249
RMS 0.5707
size [# of strips]

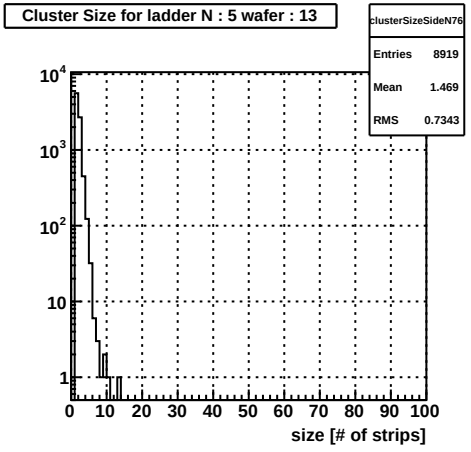

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 7873
Mean 1.525
RMS 0.8397
size [# of strips]

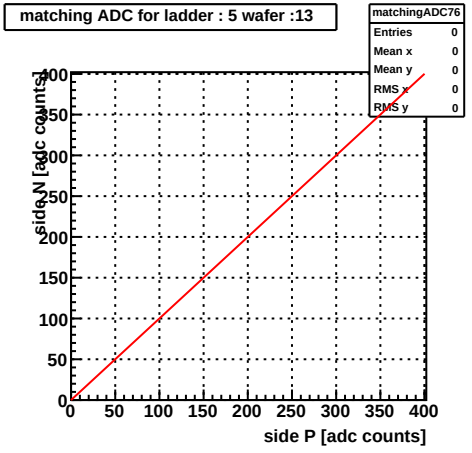

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 5739
Mean x 72.65
Mean y 74.53
RMS x 52.19
RMS y 53.87
side N [adc counts]
side P [adc counts]

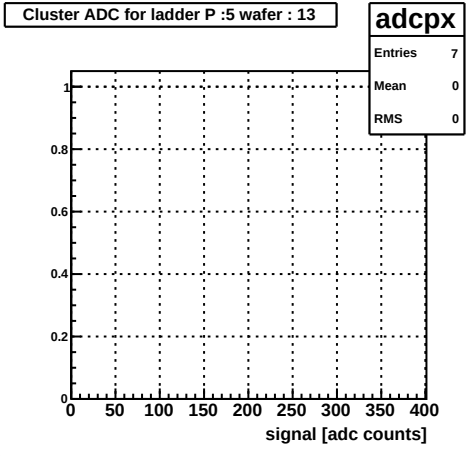

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 15735
Mean 50.89
RMS 46.85
signal [adc counts]

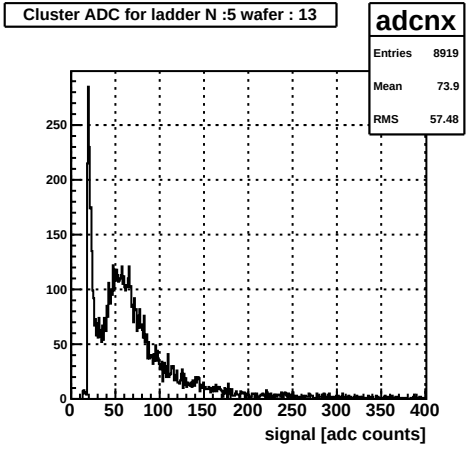

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 7873
Mean 70.21
RMS 54.37
signal [adc counts]

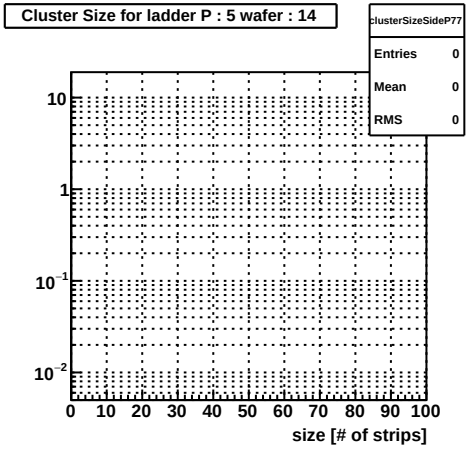

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 7
Mean 1
RMS 0
size [# of strips]

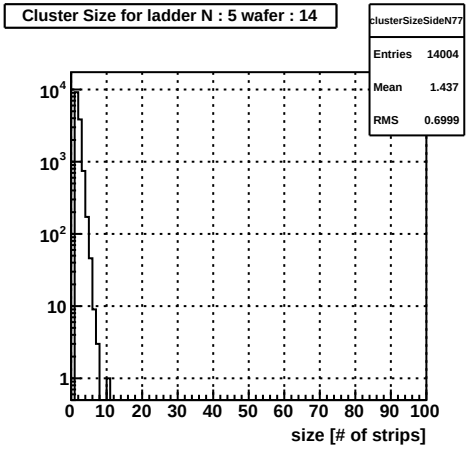

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 8919
Mean 1.469
RMS 0.7343
size [# of strips]

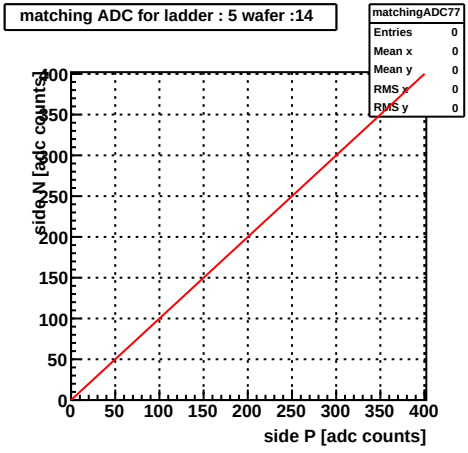

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

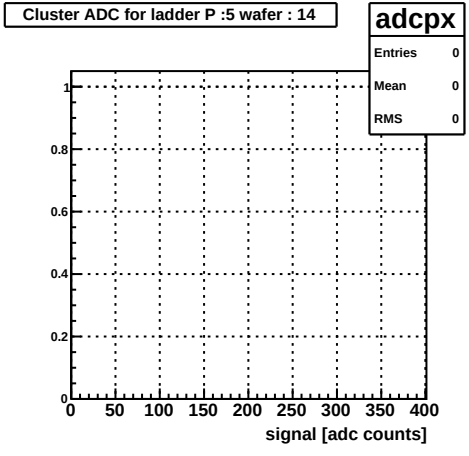

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

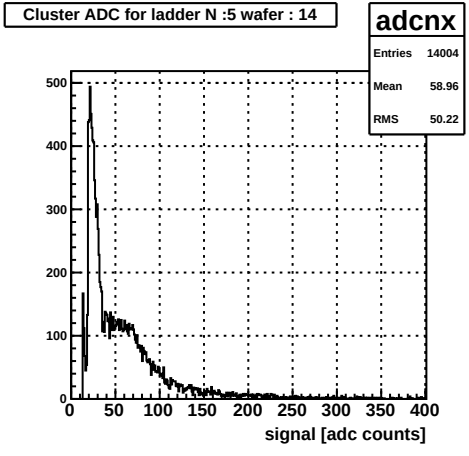

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 8919
Mean 73.9
RMS 57.48
signal [adc counts]

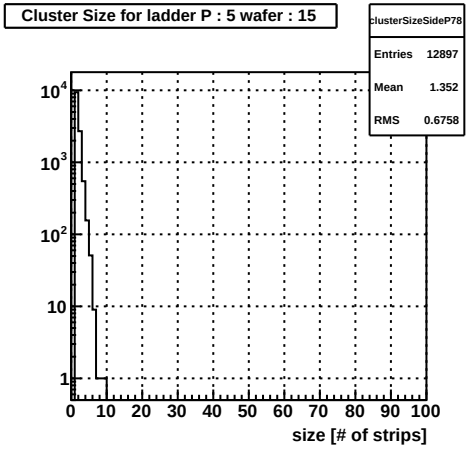

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

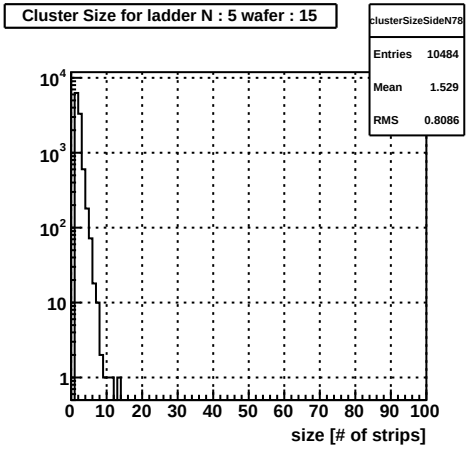

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 14004
Mean 1.437
RMS 0.6999
size [# of strips]

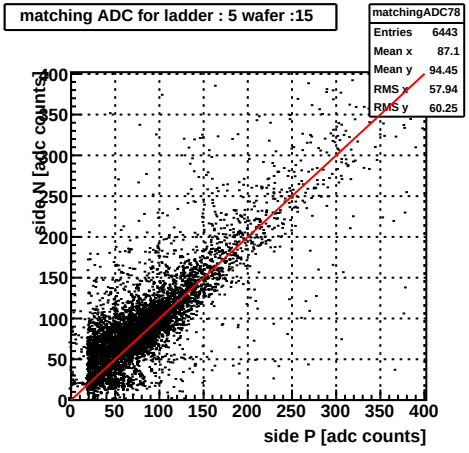

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

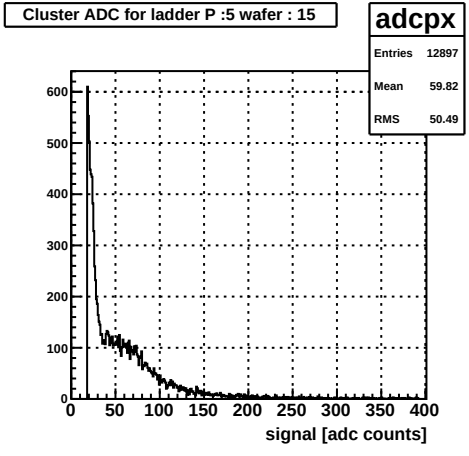

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

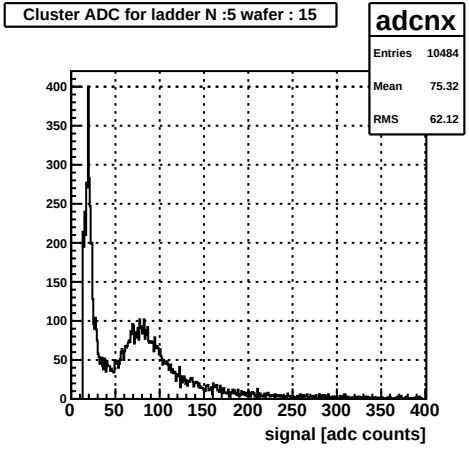

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 14004
Mean 58.96
RMS 50.22
signal [adc counts]

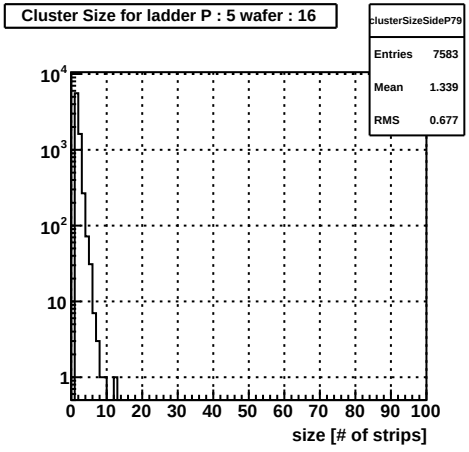

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 12897
Mean 1.352
RMS 0.6758
size [# of strips]

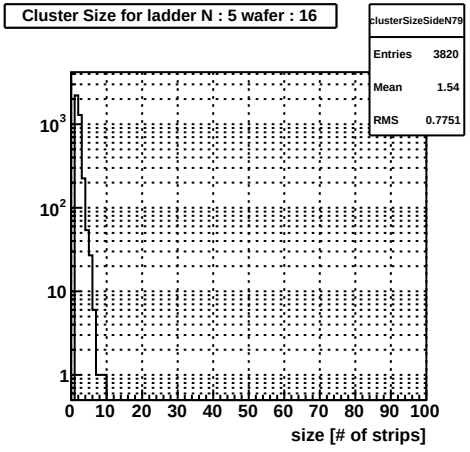

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 10484
Mean 1.529
RMS 0.8086
size [# of strips]

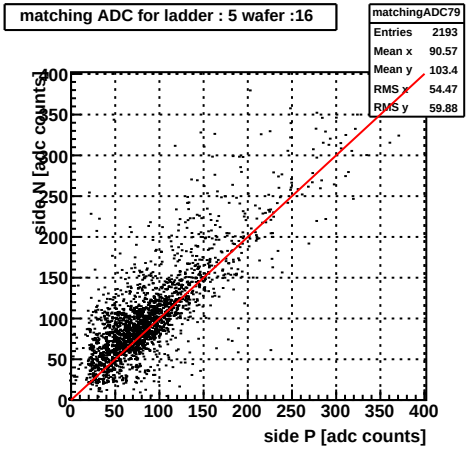

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 6443
Mean x 87.1
Mean y 94.45
RMS x 57.94
RMS y 60.25
side N [adc counts]
side P [adc counts]

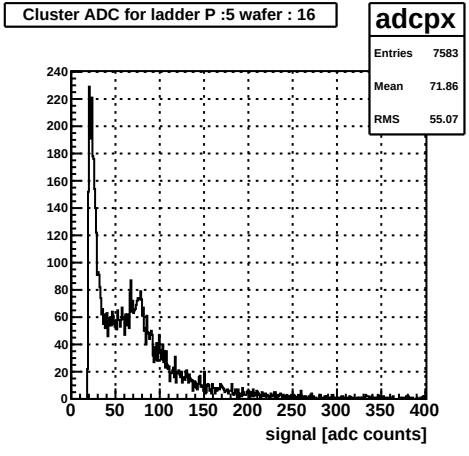

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 12897
Mean 59.82
RMS 50.49
signal [adc counts]

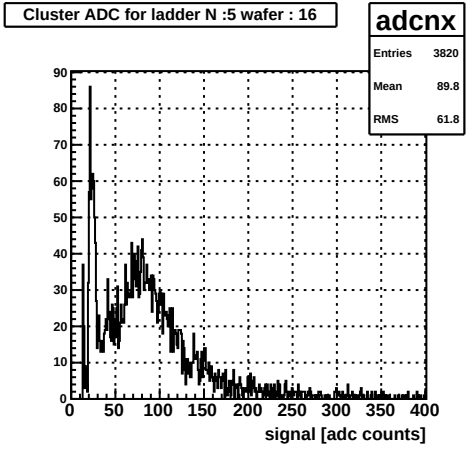

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 10484
Mean 75.32
RMS 62.12
signal [adc counts]

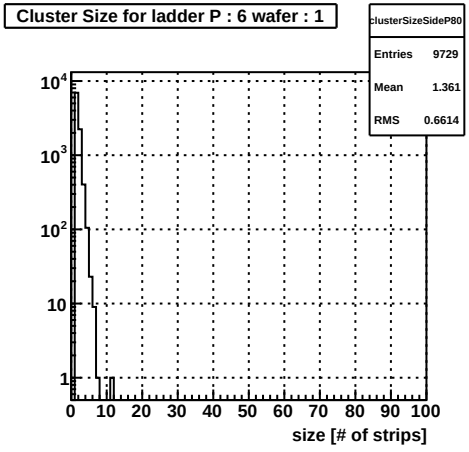

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 7583
Mean 1.339
RMS 0.677
size [# of strips]

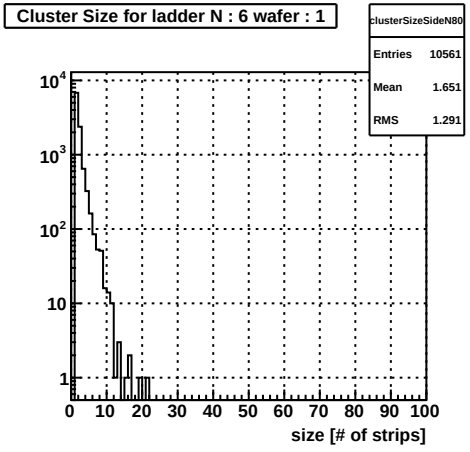

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 3820
Mean 1.54
RMS 0.7751
size [# of strips]

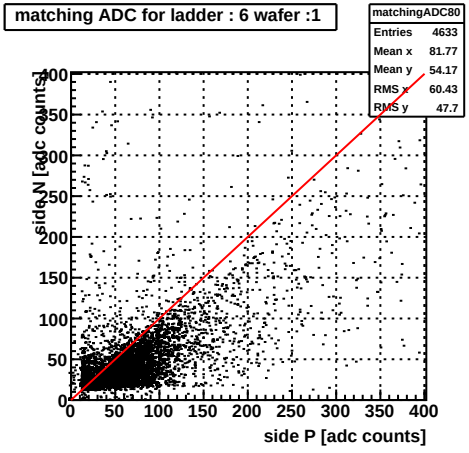

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 2193
Mean x 90.57
Mean y 103.4
RMS x 54.47
RMS y 59.88
side N [adc counts]
side P [adc counts]

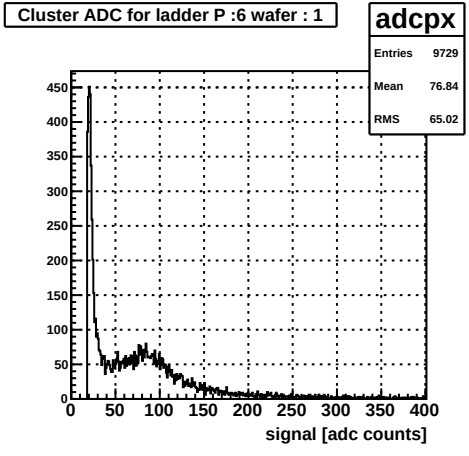

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 7583
Mean 71.86
RMS 55.07
signal [adc counts]

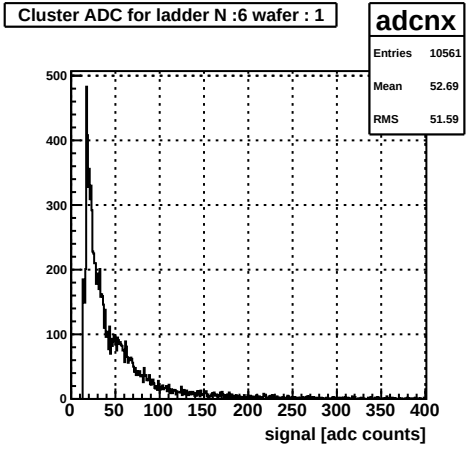

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 3820
Mean 89.8
RMS 61.8
signal [adc counts]

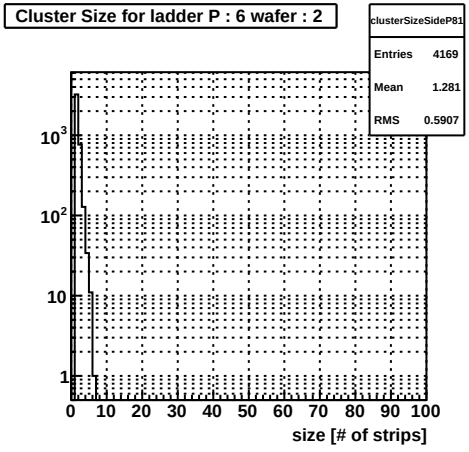

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 9729
Mean 1.361
RMS 0.6614
size [# of strips]

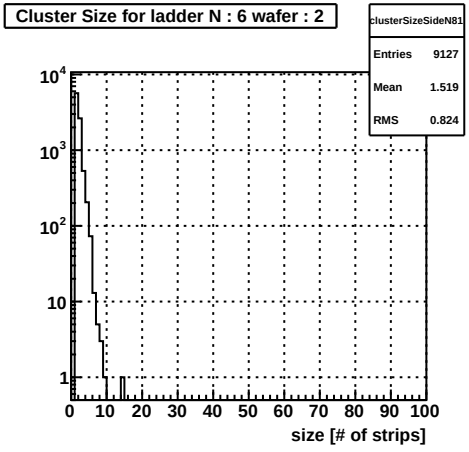

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 10561
Mean 1.651
RMS 1.291
size [# of strips]

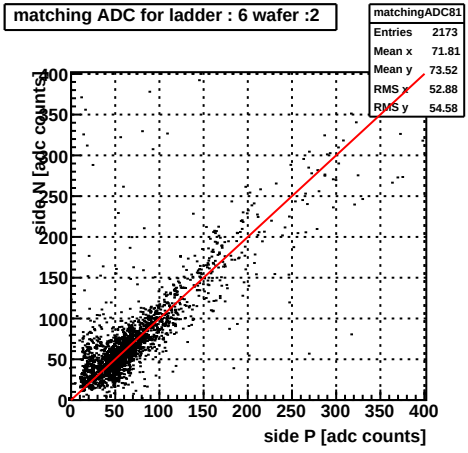

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 4633
Mean x 81.77
Mean y 54.17
RMS x 60.43
RMS y 47.7
side N [adc counts]
side P [adc counts]

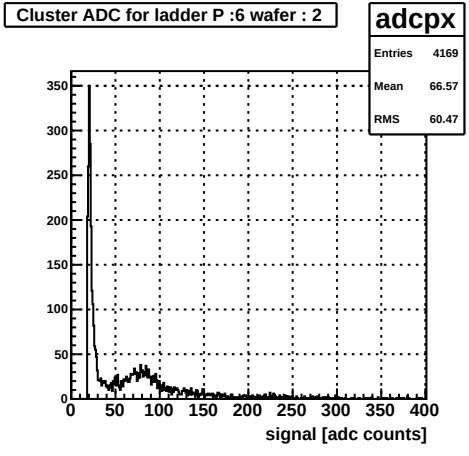

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 9729
Mean 76.84
RMS 65.02
signal [adc counts]

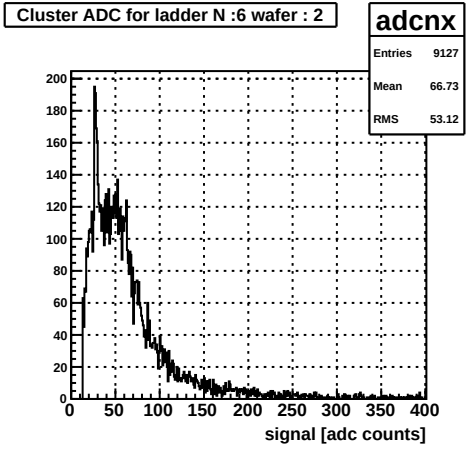

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 10561
Mean 52.69
RMS 51.59
signal [adc counts]

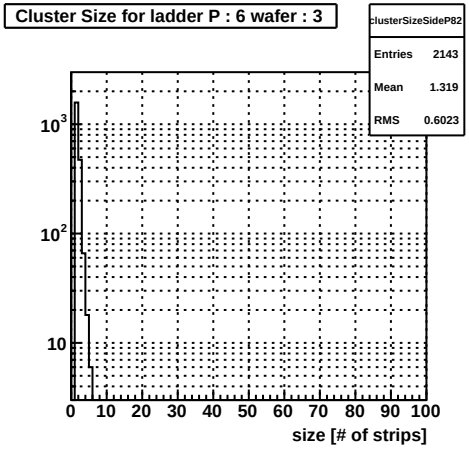

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4169
Mean 1.281
RMS 0.5907
size [# of strips]

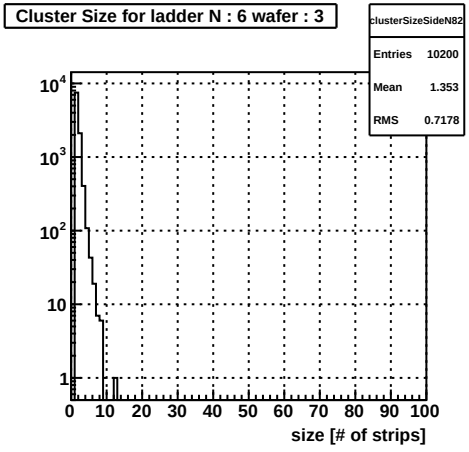

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 9127
Mean 1.519
RMS 0.824
size [# of strips]

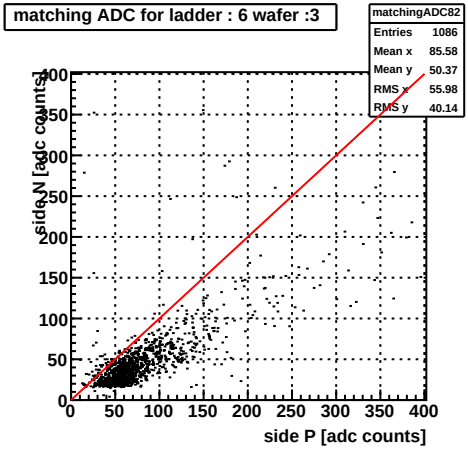

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2173
Mean x 71.81
Mean y 73.52
RMS x 52.88
RMS y 54.58
side N [adc counts]
side P [adc counts]

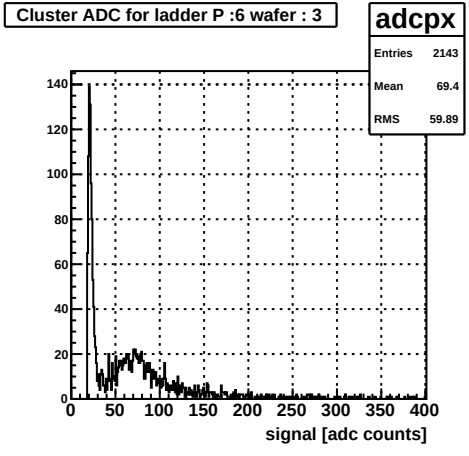

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4169
Mean 66.57
RMS 60.47
signal [adc counts]

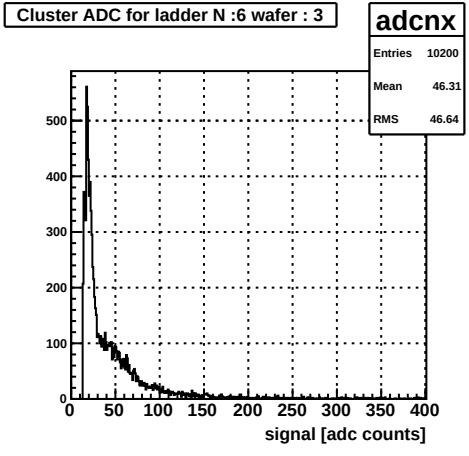

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 9127
Mean 66.73
RMS 53.12
signal [adc counts]

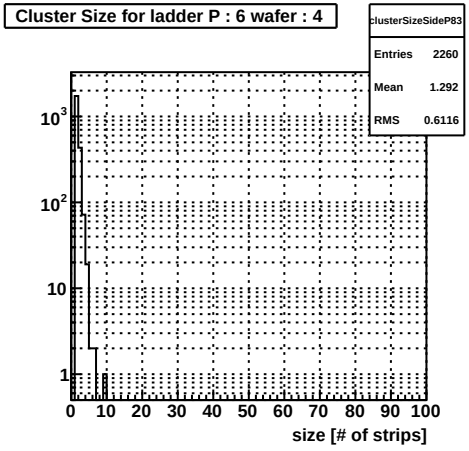

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2143
Mean 1.319
RMS 0.6023
size [# of strips]

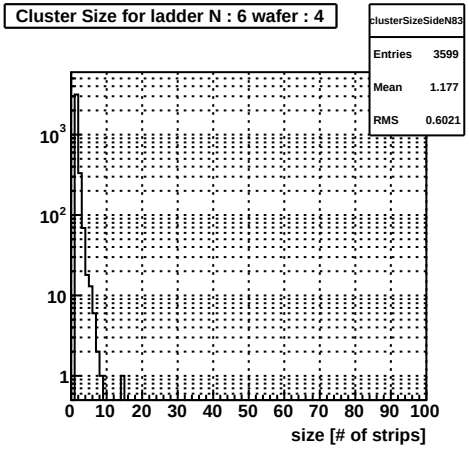

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 10200
Mean 1.353
RMS 0.7178
size [# of strips]

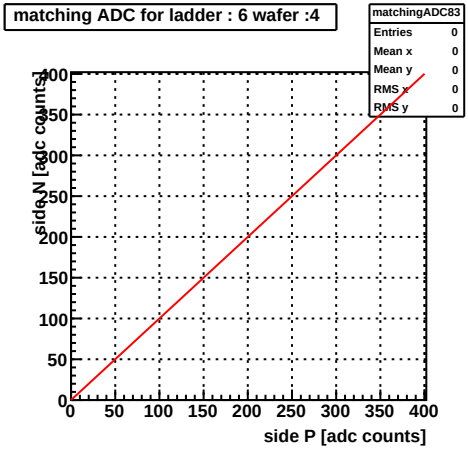

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1086
Mean x 85.58
Mean y 50.37
RMS x 55.98
RMS y 40.14
side N [adc counts]
side P [adc counts]

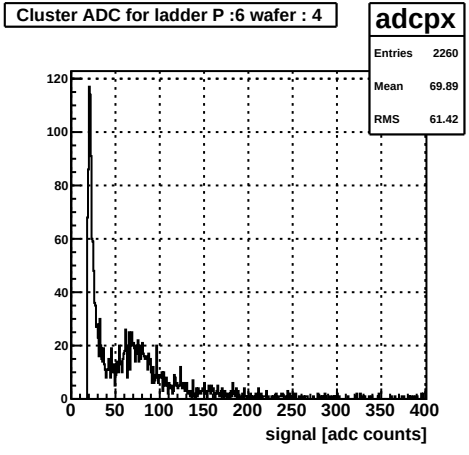

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2143
Mean 69.4
RMS 59.89
signal [adc counts]

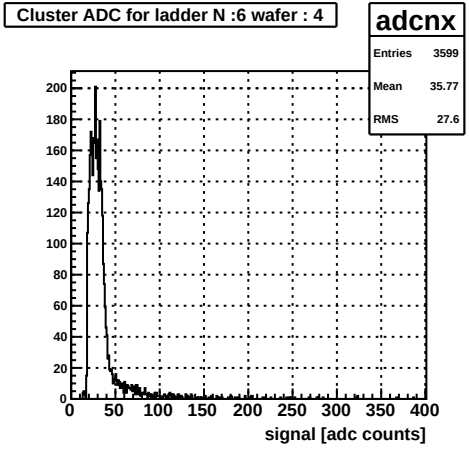

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 10200
Mean 46.31
RMS 46.64
signal [adc counts]

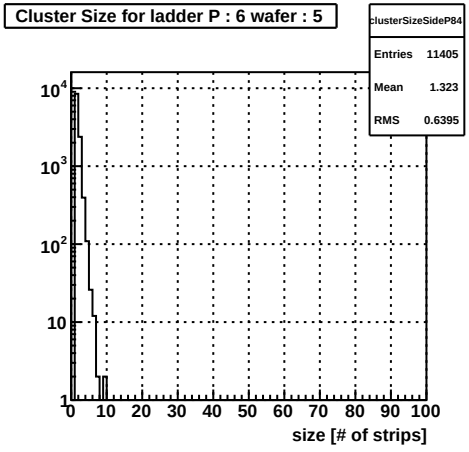

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 2260
Mean 1.292
RMS 0.6116
size [# of strips]

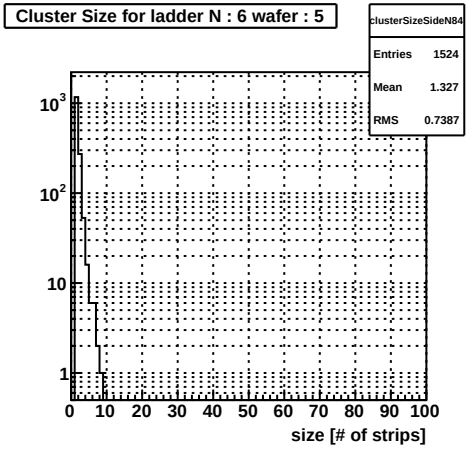

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3599
Mean 1.177
RMS 0.6021
size [# of strips]

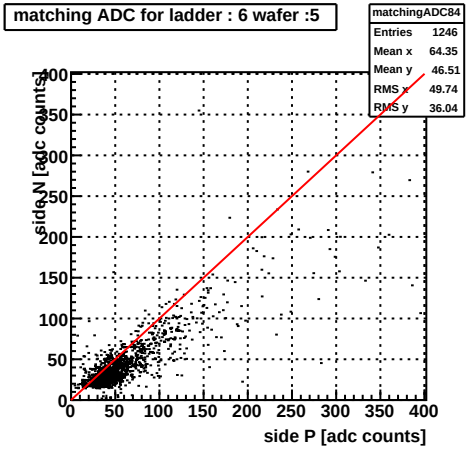

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

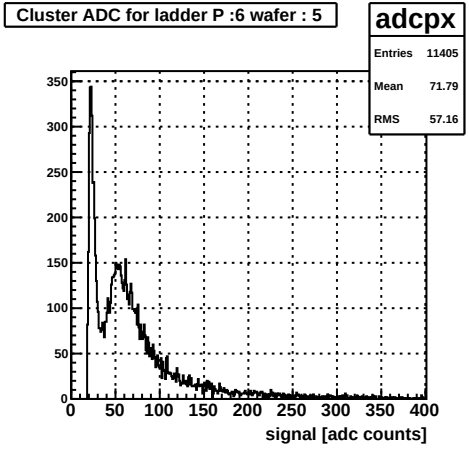

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 2260
Mean 69.89
RMS 61.42
signal [adc counts]

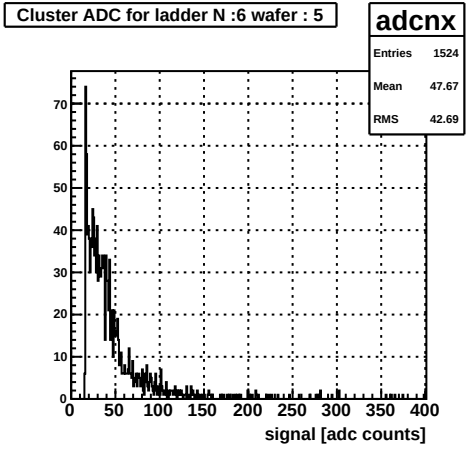

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3599
Mean 35.77
RMS 27.6
signal [adc counts]

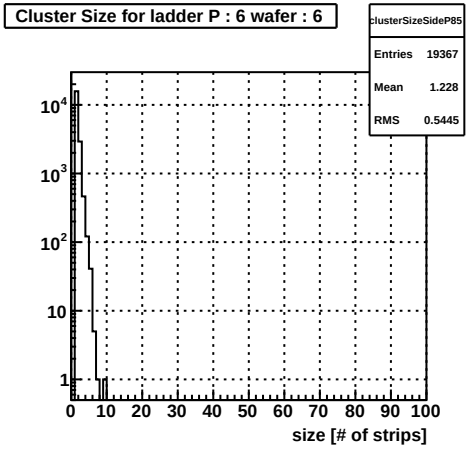

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 11405
Mean 1.323
RMS 0.6395
size [# of strips]

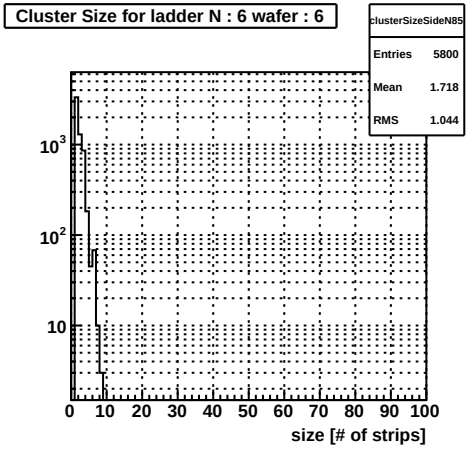

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1524
Mean 1.327
RMS 0.7387
size [# of strips]

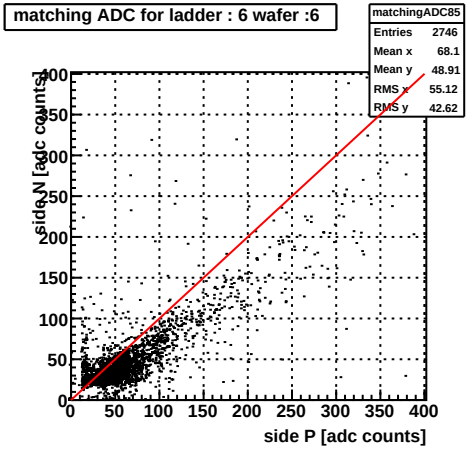

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1246
Mean x 64.35
Mean y 46.51
RMS x 49.74
RMS y 36.04
side N [adc counts]
side P [adc counts]

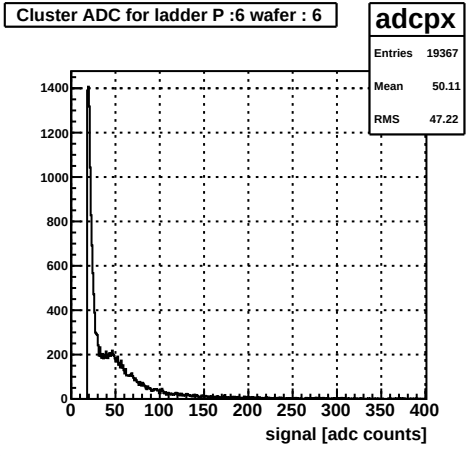

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 11405
Mean 71.79
RMS 57.16
signal [adc counts]

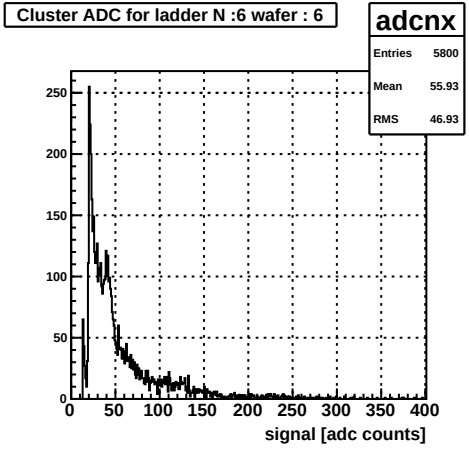

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1524
Mean 47.67
RMS 42.69
signal [adc counts]

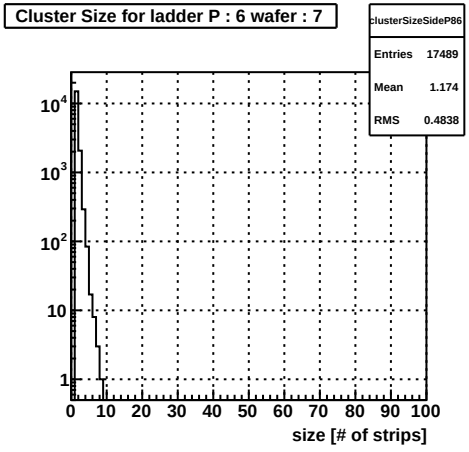

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 19367
Mean 1.228
RMS 0.5445
size [# of strips]

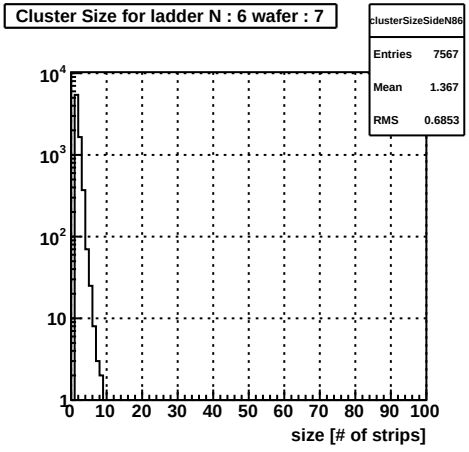

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 5800
Mean 1.718
RMS 1.044
size [# of strips]

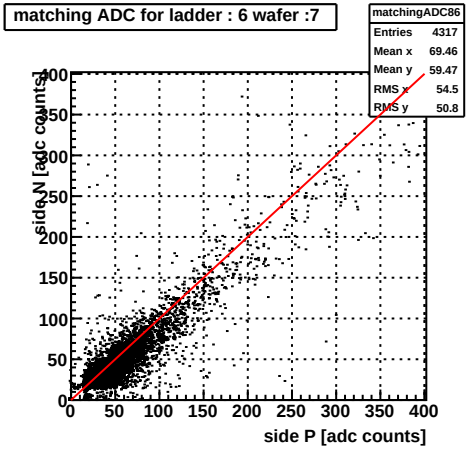

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 2746
Mean x 68.1
Mean y 48.91
RMS x 55.12
RMS y 42.62
side N [adc counts]
side P [adc counts]

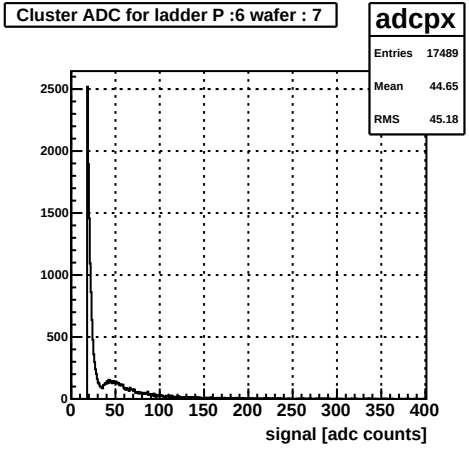

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 19367
Mean 50.11
RMS 47.22
signal [adc counts]

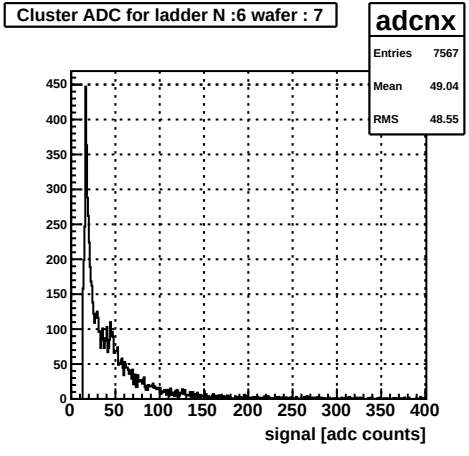

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 5800
Mean 55.93
RMS 46.93
signal [adc counts]

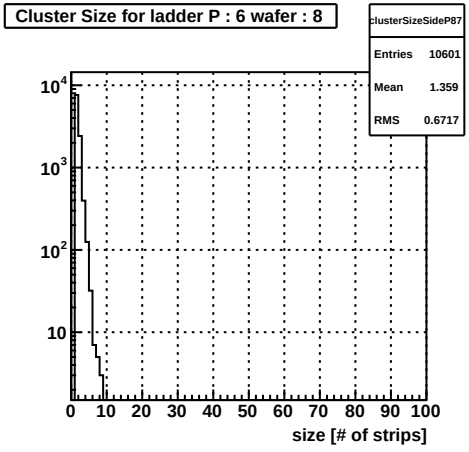

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 17489
Mean 1.174
RMS 0.4838
size [# of strips]

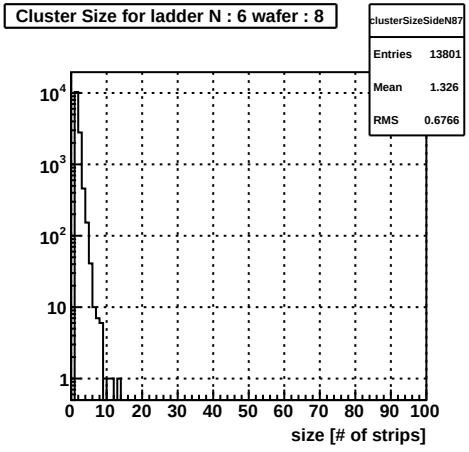

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 7567
Mean 1.367
RMS 0.6853
size [# of strips]

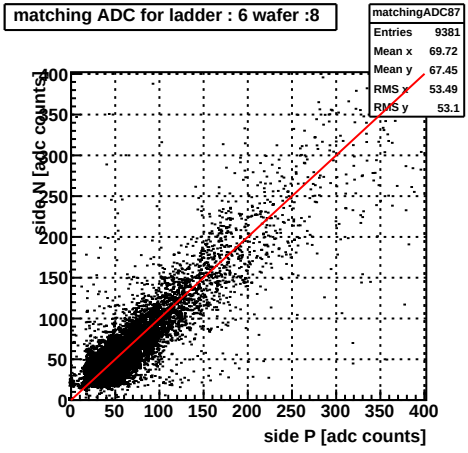

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 4317
Mean x 69.46
Mean y 59.47
RMS x 54.5
RMS y 50.8
side N [adc counts]
side P [adc counts]

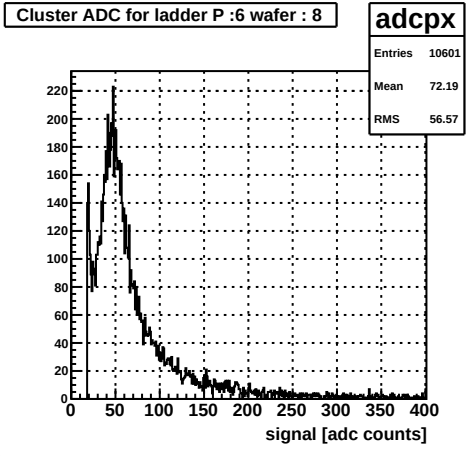

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 17489
Mean 44.65
RMS 45.18
signal [adc counts]

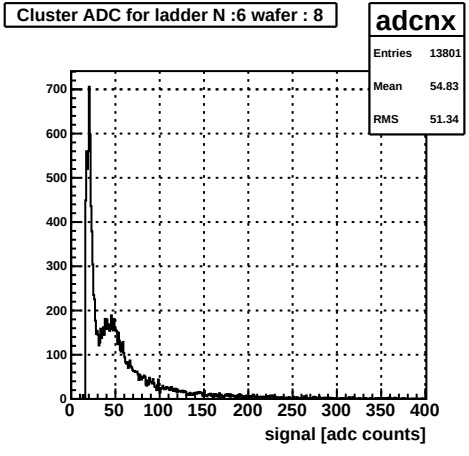

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 7567
Mean 49.04
RMS 48.55
signal [adc counts]

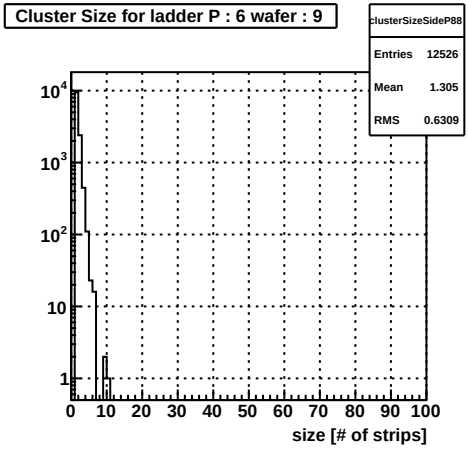

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 10601
Mean 1.359
RMS 0.6717
size [# of strips]

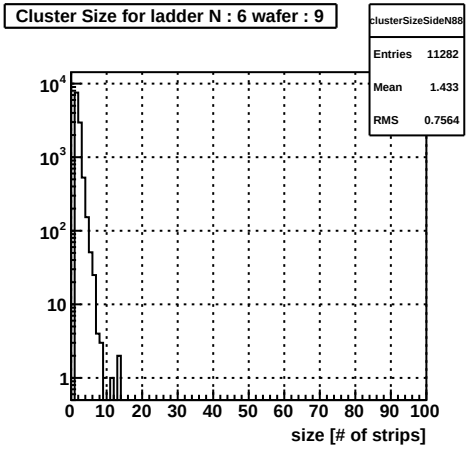

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 13801
Mean 1.326
RMS 0.6766
size [# of strips]

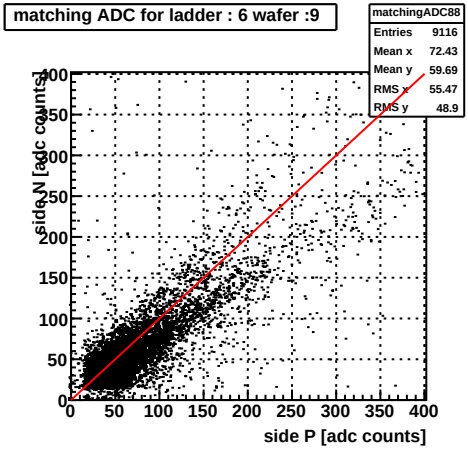

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 9381
Mean x 69.72
Mean y 67.45
RMS x 53.49
RMS y 53.1
side N [adc counts]
side P [adc counts]

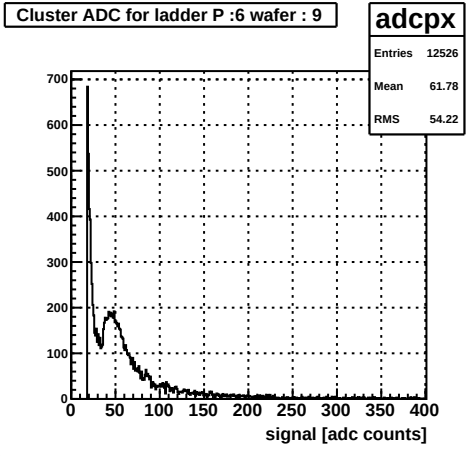

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 10601
Mean 72.19
RMS 56.57
signal [adc counts]

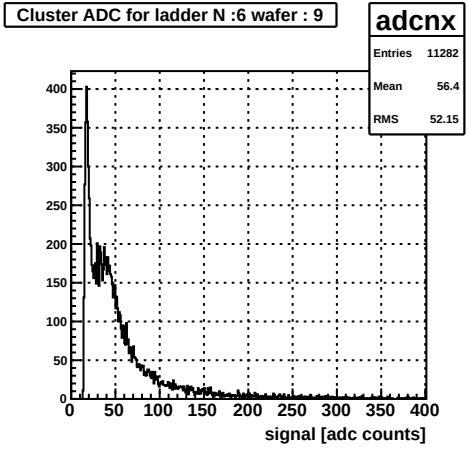

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 13801
Mean 54.83
RMS 51.34
signal [adc counts]

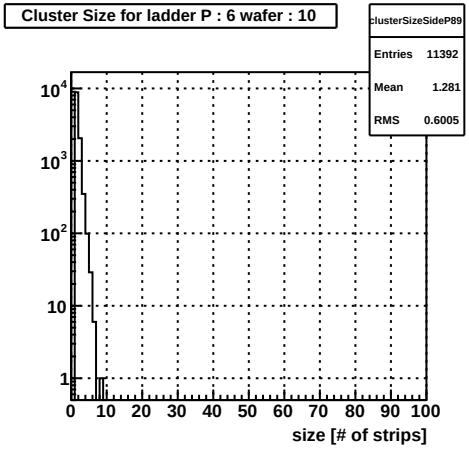

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 12526
Mean 1.305
RMS 0.6309
size [# of strips]

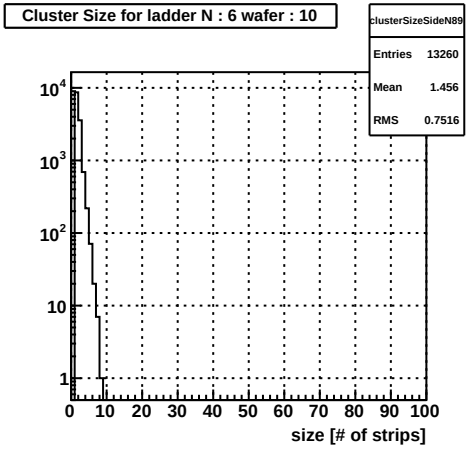

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 11282
Mean 1.433
RMS 0.7564
size [# of strips]

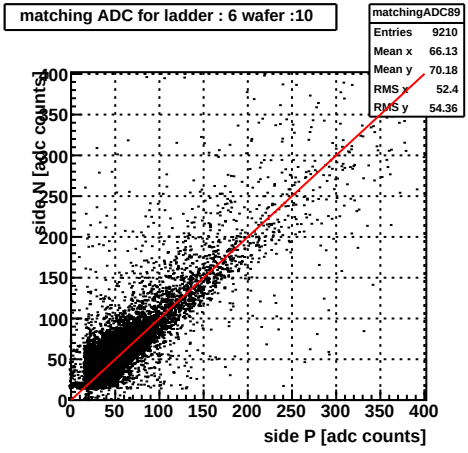

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 9116
Mean x 72.43
Mean y 59.69
RMS x 55.47
RMS y 48.9
side N [adc counts]
side P [adc counts]

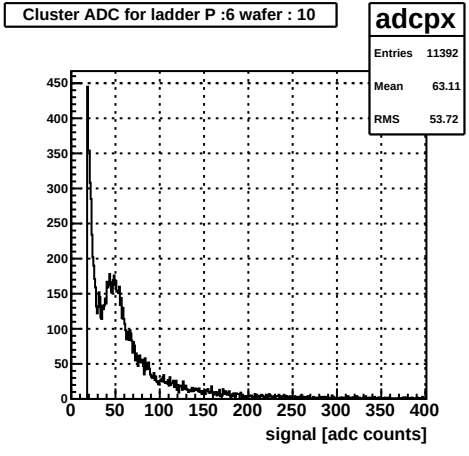

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 12526
Mean 61.78
RMS 54.22
signal [adc counts]

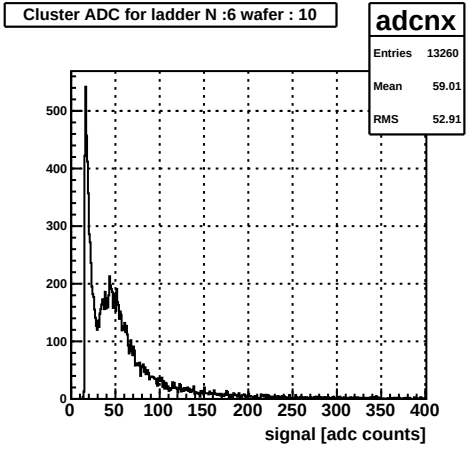

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 11282
Mean 56.4
RMS 52.15
signal [adc counts]

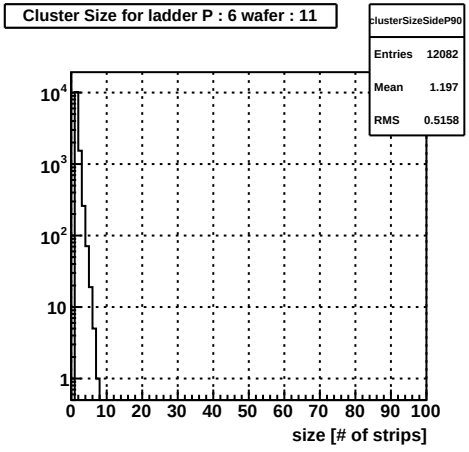

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 11392
Mean 1.281
RMS 0.6005
size [# of strips]

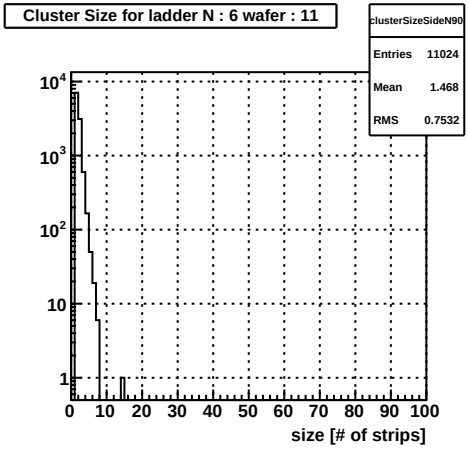

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 13260
Mean 1.456
RMS 0.7516
size [# of strips]

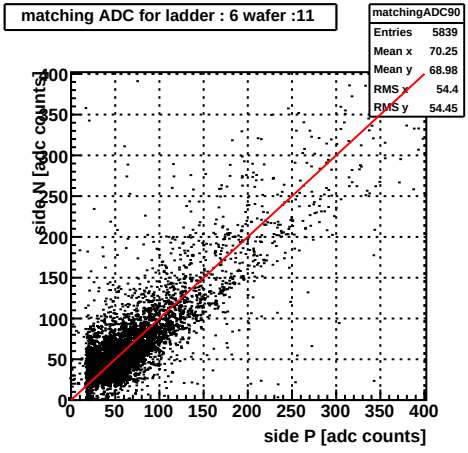

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 9210
Mean x 66.13
Mean y 70.18
RMS x 52.4
RMS y 54.36
side N [adc counts]
side P [adc counts]

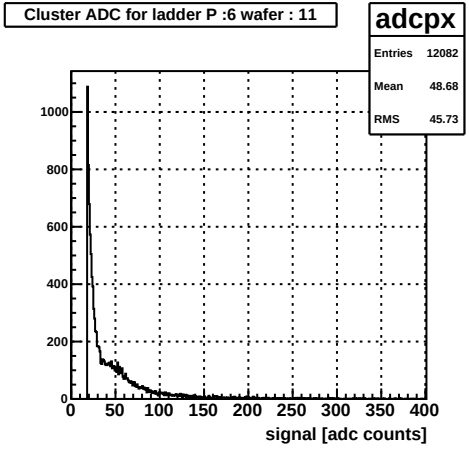

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 11392
Mean 63.11
RMS 53.72
signal [adc counts]

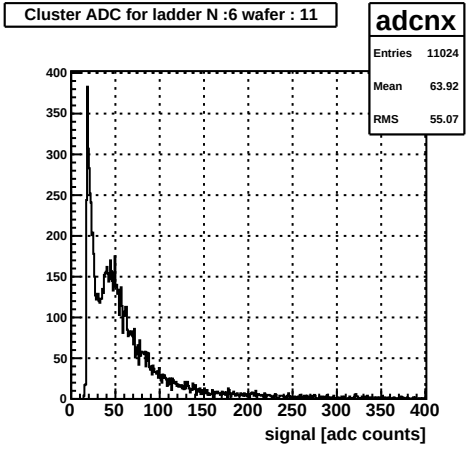

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 13260
Mean 59.01
RMS 52.91
signal [adc counts]

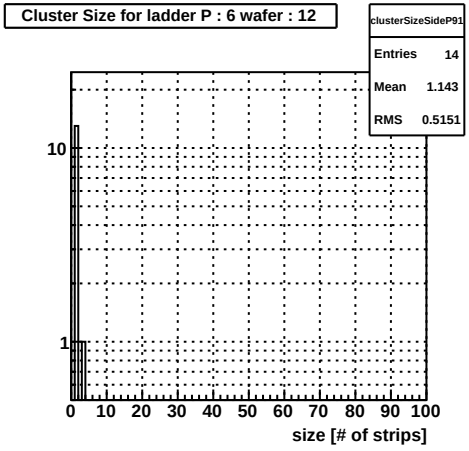

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 12082
Mean 1.197
RMS 0.5158
size [# of strips]

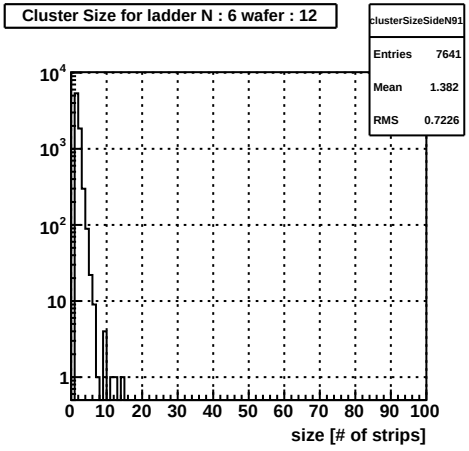

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 11024
Mean 1.468
RMS 0.7532
size [# of strips]

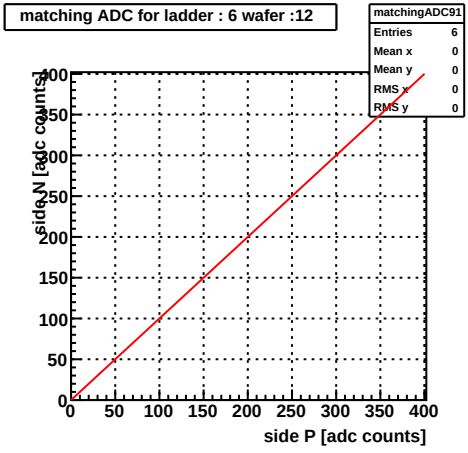

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 5839
Mean x 70.25
Mean y 68.98
RMS x 54.4
RMS y 54.45
side N [adc counts]
side P [adc counts]

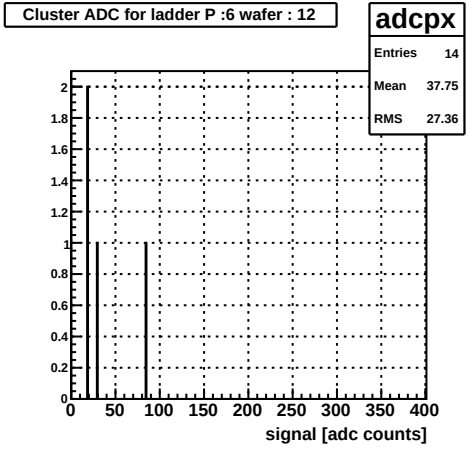

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 12082
Mean 48.68
RMS 45.73
signal [adc counts]

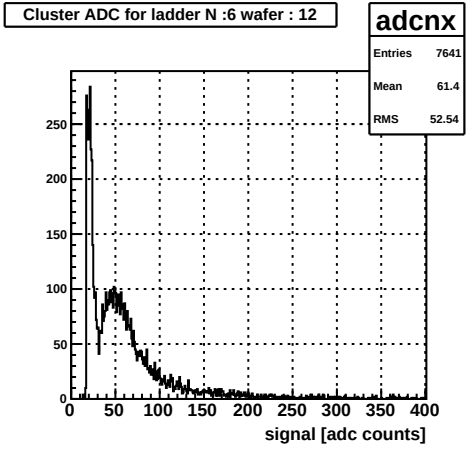

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 11024
Mean 63.92
RMS 55.07
signal [adc counts]

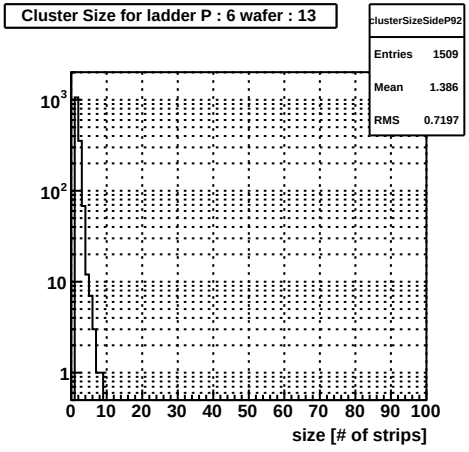

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 14
Mean 1.143
RMS 0.5151
size [# of strips]

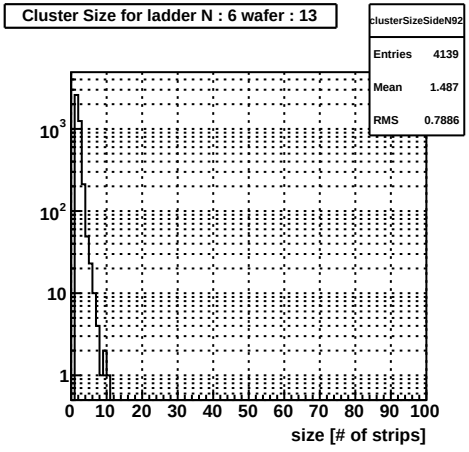

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 7641
Mean 1.382
RMS 0.7226
size [# of strips]

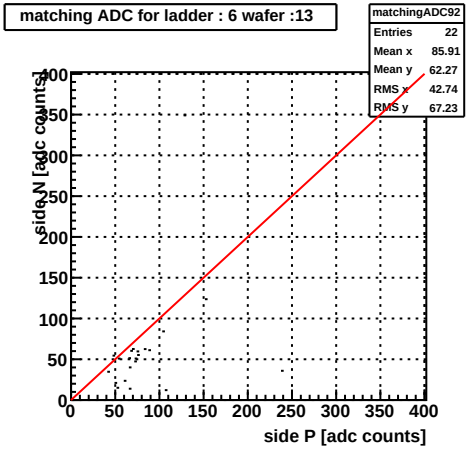

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

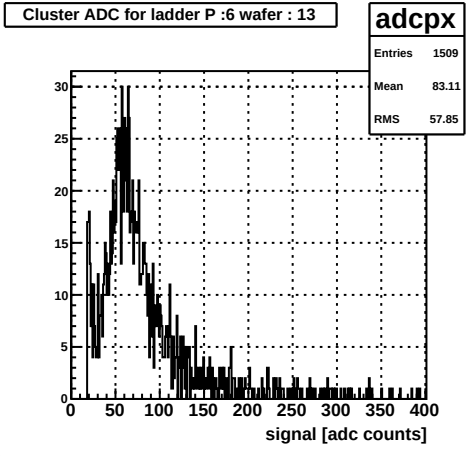

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 14
Mean 37.75
RMS 27.36
signal [adc counts]

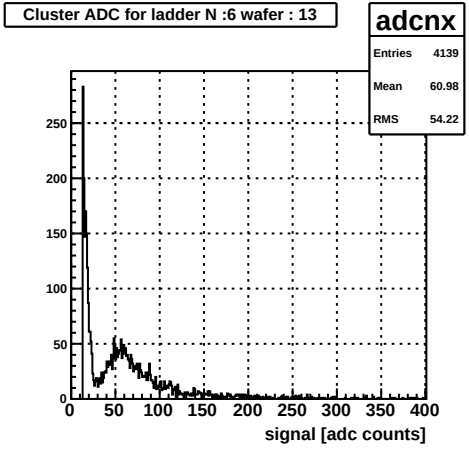

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 7641
Mean 61.4
RMS 52.54
signal [adc counts]

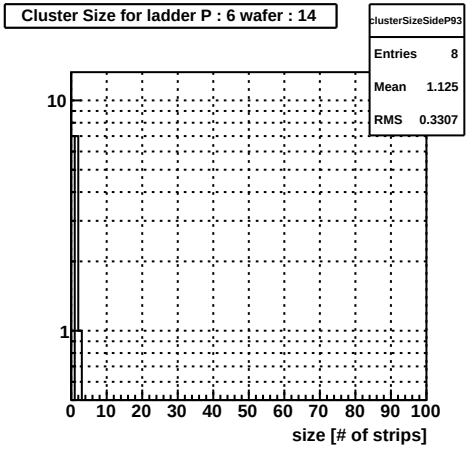

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1509
Mean 1.386
RMS 0.7197
size [# of strips]

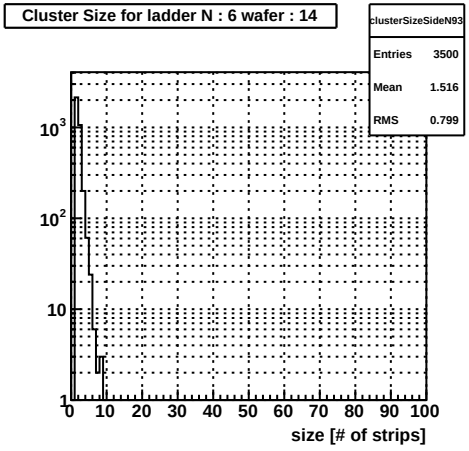

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 4139
Mean 1.487
RMS 0.7886
size [# of strips]

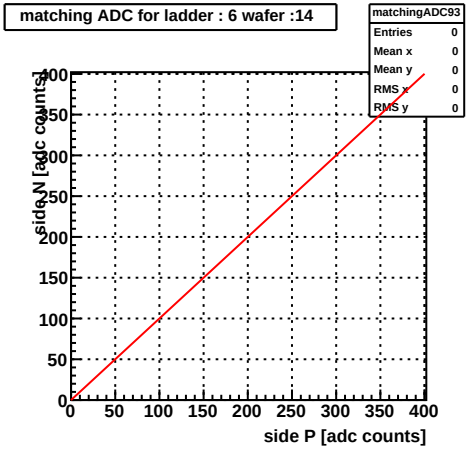

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 22
Mean x 85.91
Mean y 62.27
RMS x 42.74
RMS y 67.23
side N [adc counts]
side P [adc counts]

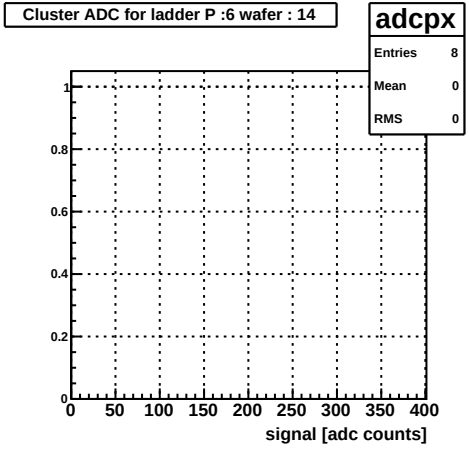

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1509
Mean 83.11
RMS 57.85
signal [adc counts]

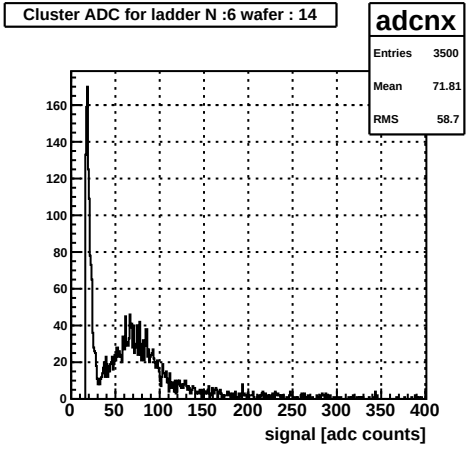

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 4139
Mean 60.98
RMS 54.22
signal [adc counts]

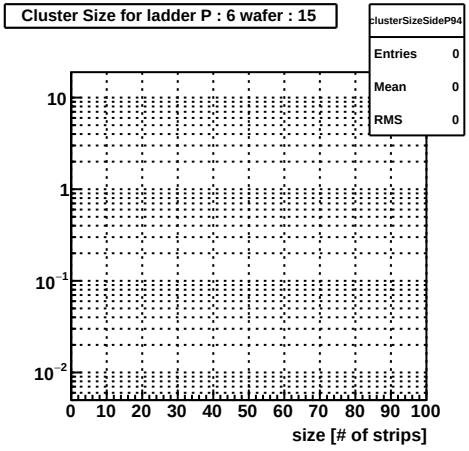

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

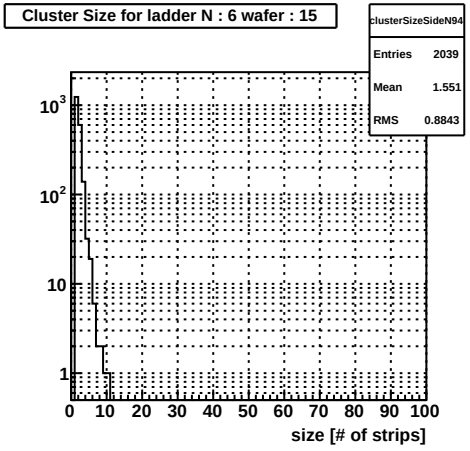

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 3500
Mean 1.516
RMS 0.799
size [# of strips]

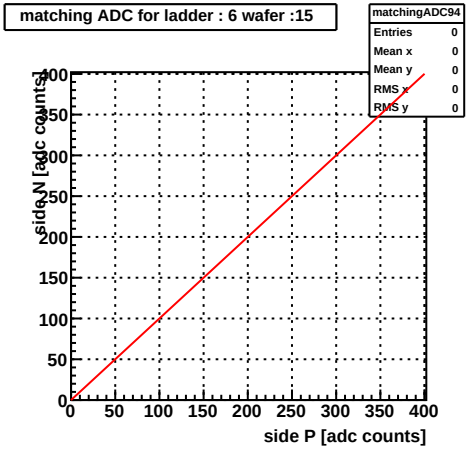

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

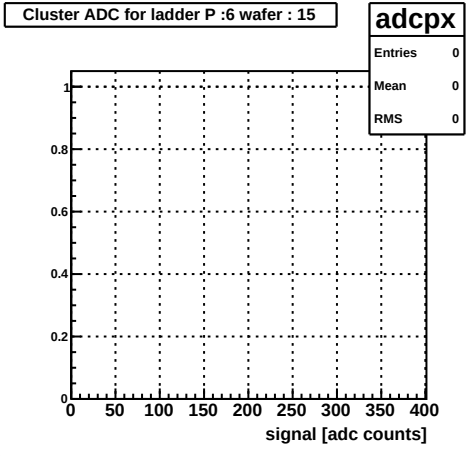

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

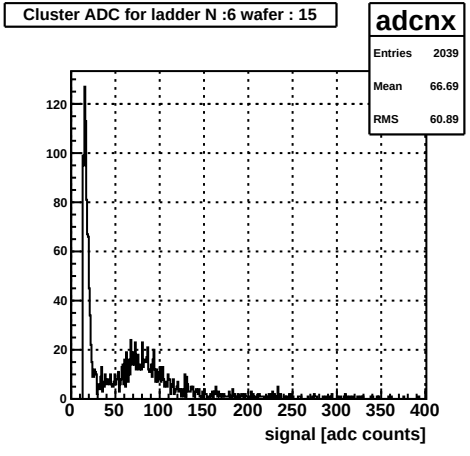

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 3500
Mean 71.81
RMS 58.7
signal [adc counts]

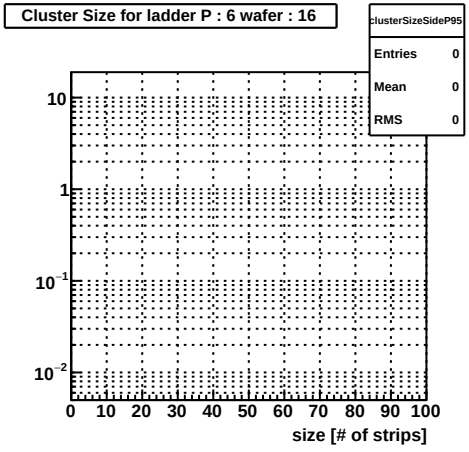

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

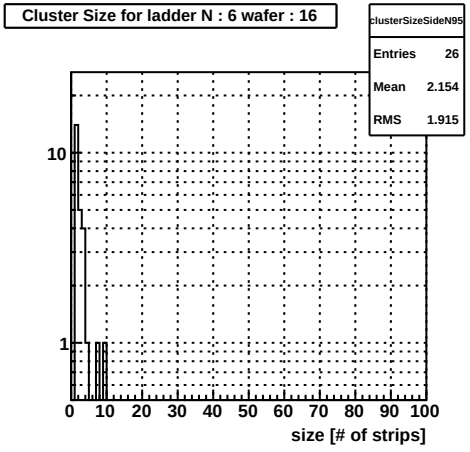

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2039
Mean 1.551
RMS 0.8843
size [# of strips]

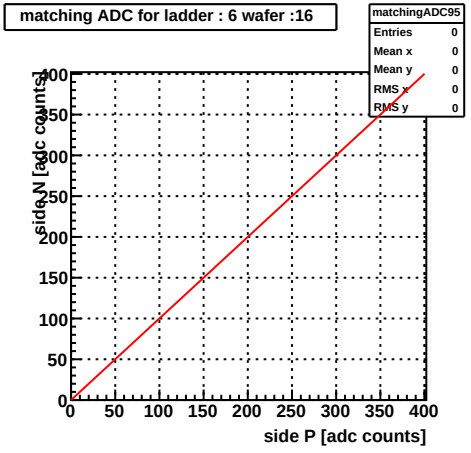

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

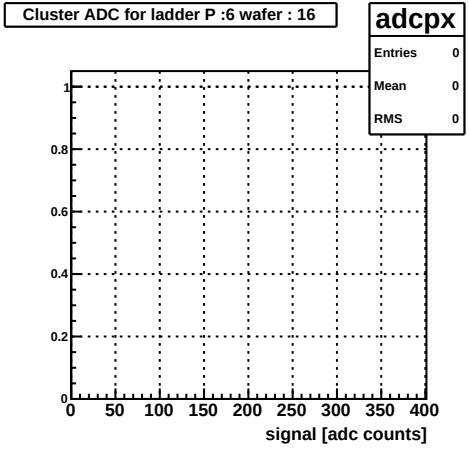

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

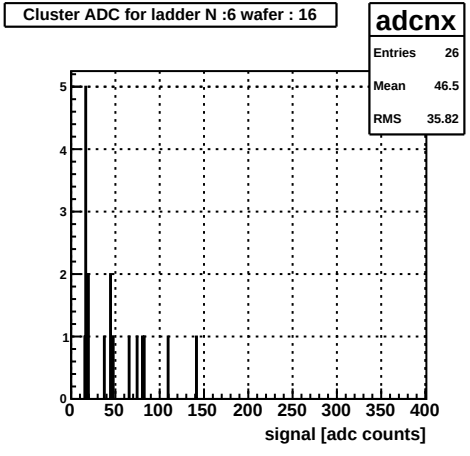

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2039
Mean 66.69
RMS 60.89
signal [adc counts]

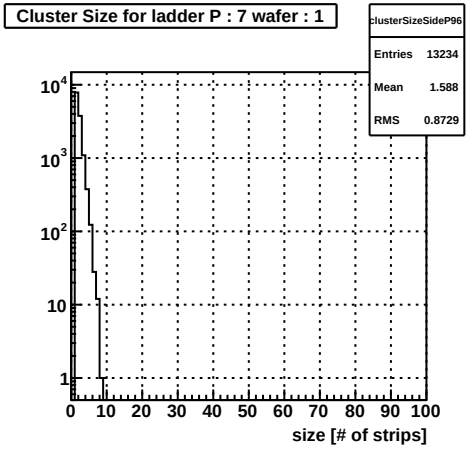

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

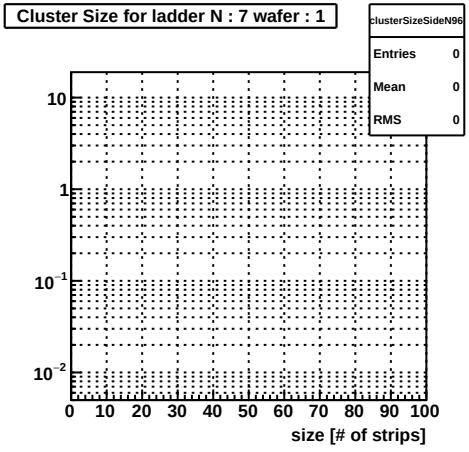

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 26
Mean 2.154
RMS 1.915
size [# of strips]

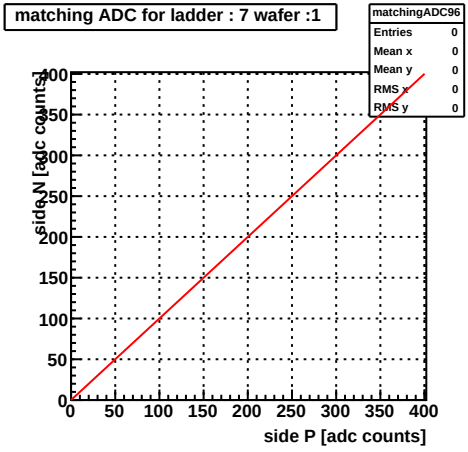

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

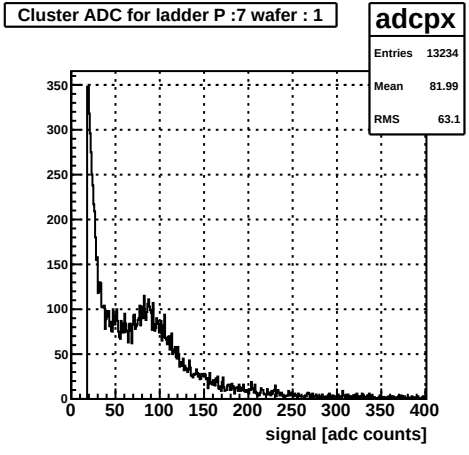

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

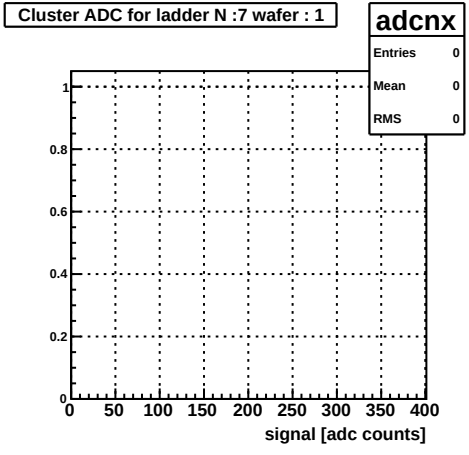

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 26
Mean 46.5
RMS 35.82
signal [adc counts]

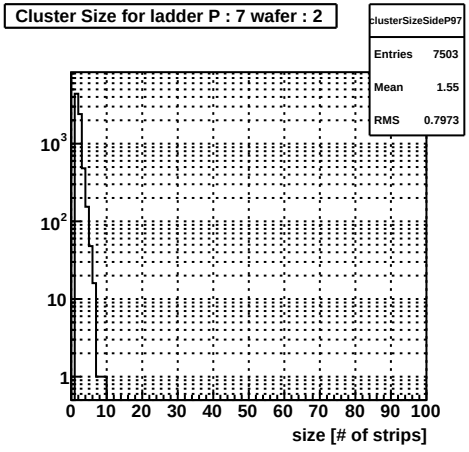

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 13234
Mean 1.588
RMS 0.8729
size [# of strips]

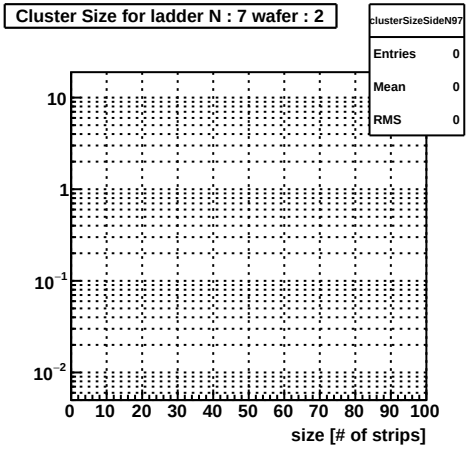

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

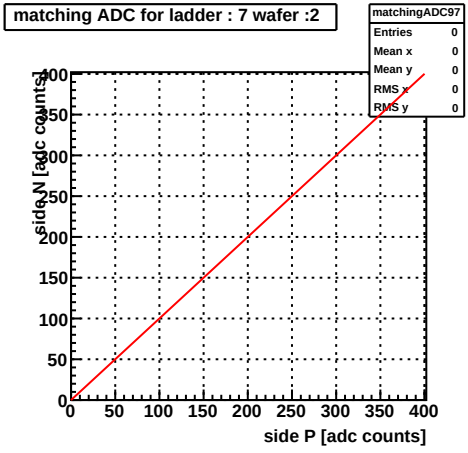

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

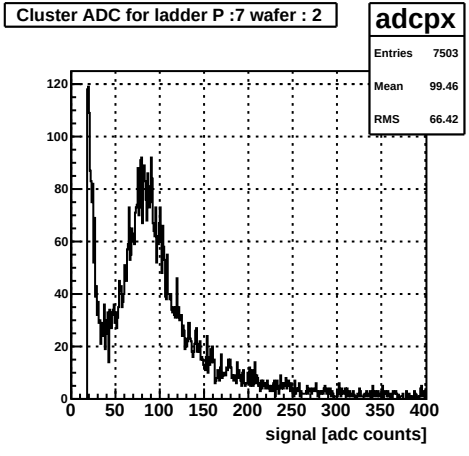

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 13234
Mean 81.99
RMS 63.1
signal [adc counts]

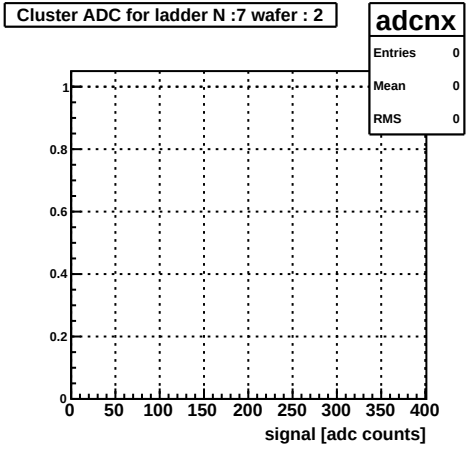

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

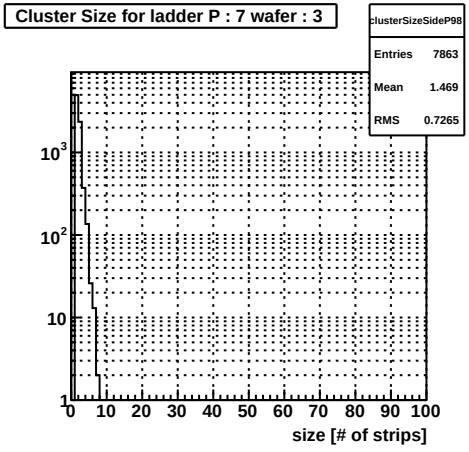

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 7503
Mean 1.55
RMS 0.7973
size [# of strips]

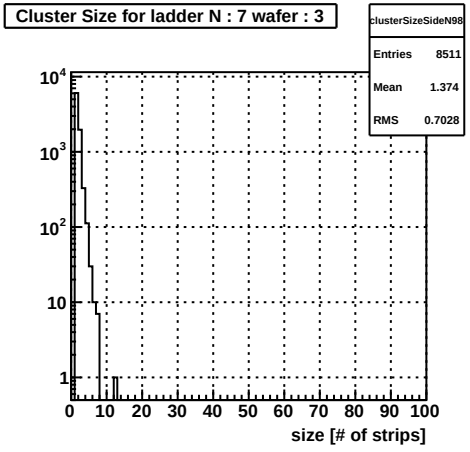

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

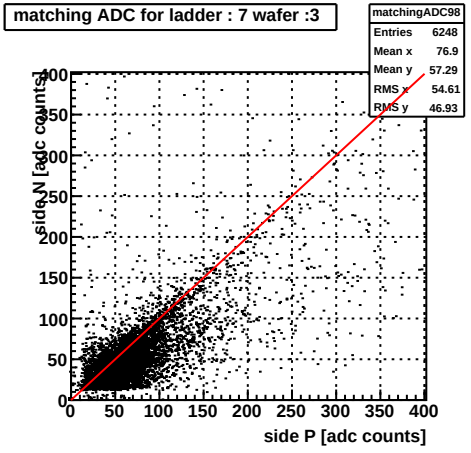

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

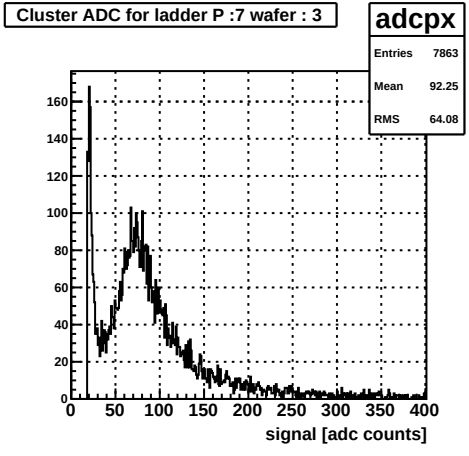

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 7503
Mean 99.46
RMS 66.42
signal [adc counts]

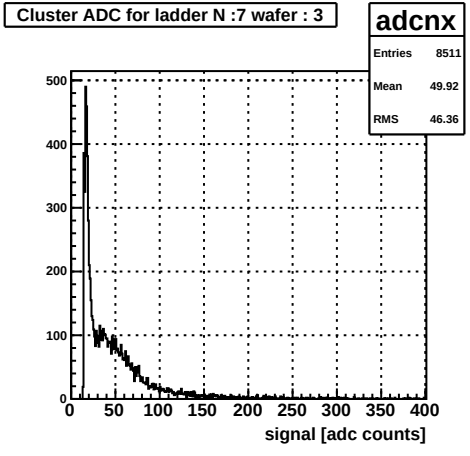

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

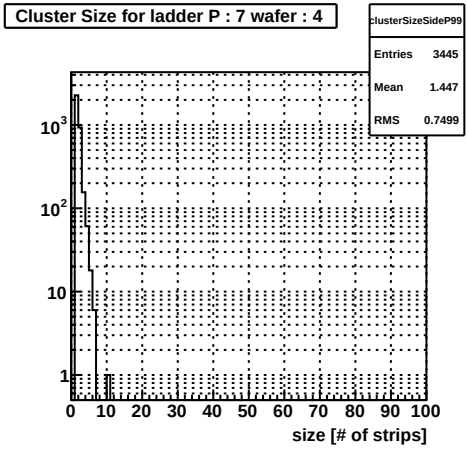

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7863
Mean 1.469
RMS 0.7265
size [# of strips]

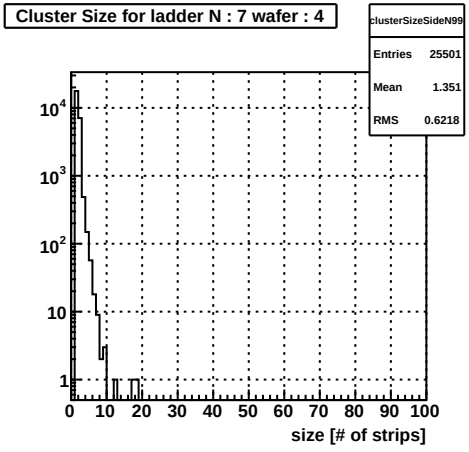

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 8511
Mean 1.374
RMS 0.7028
size [# of strips]

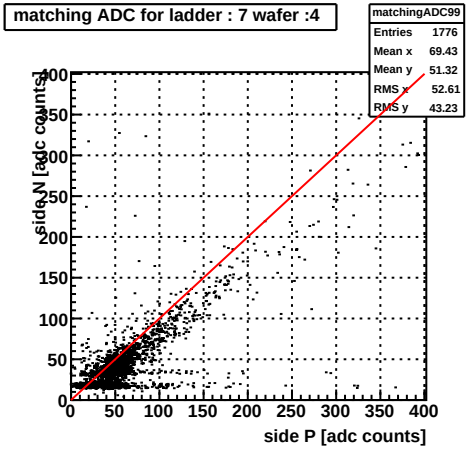

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 6248
Mean x 76.9
Mean y 57.29
RMS x 54.61
RMS y 46.93
side N [adc counts]
side P [adc counts]

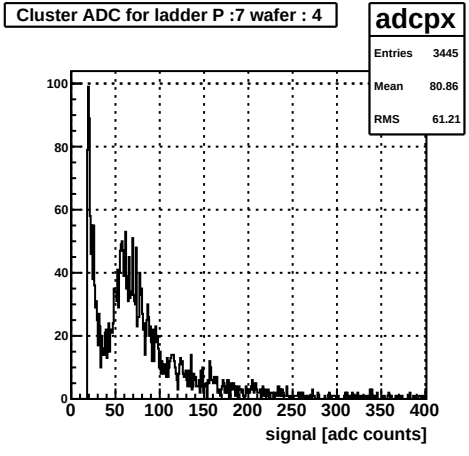

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7863
Mean 92.25
RMS 64.08
signal [adc counts]

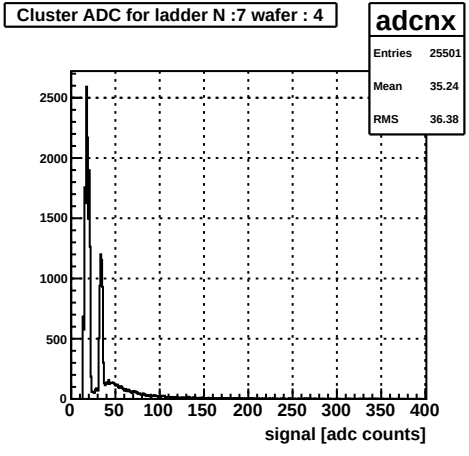

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 8511
Mean 49.92
RMS 46.36
signal [adc counts]

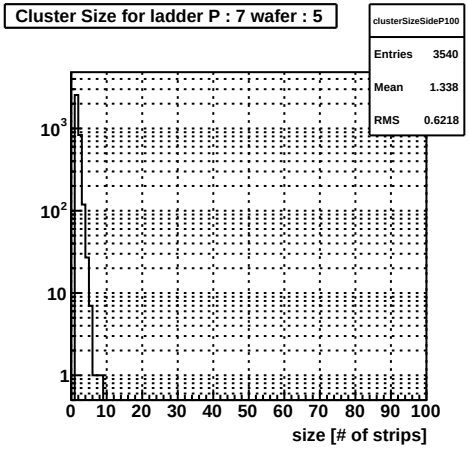

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3445
Mean 1.447
RMS 0.7499
size [# of strips]

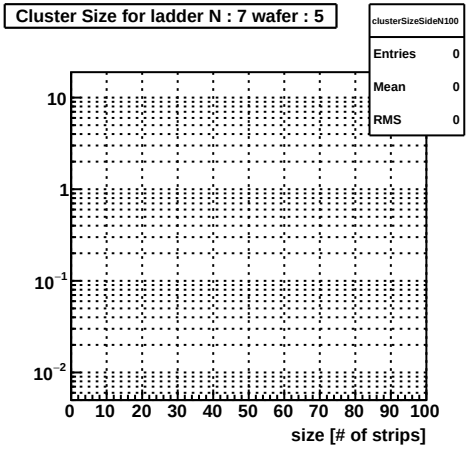

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 25501
Mean 1.351
RMS 0.6218
size [# of strips]

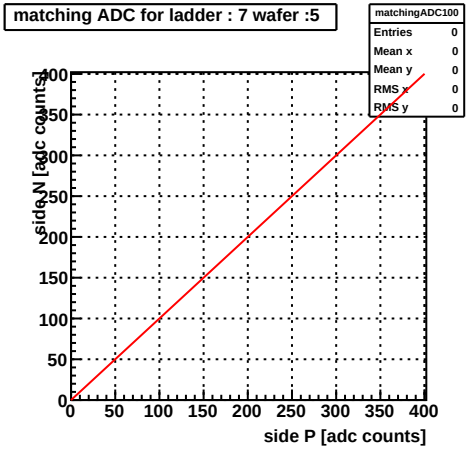

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1776
Mean x 69.43
Mean y 51.32
RMS x 52.61
RMS y 43.23
side N [adc counts]
side P [adc counts]

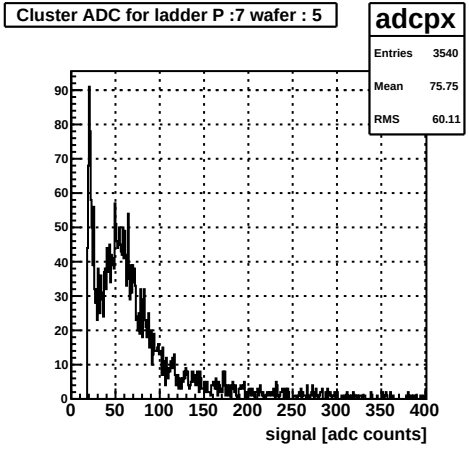

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3445
Mean 80.86
RMS 61.21
signal [adc counts]

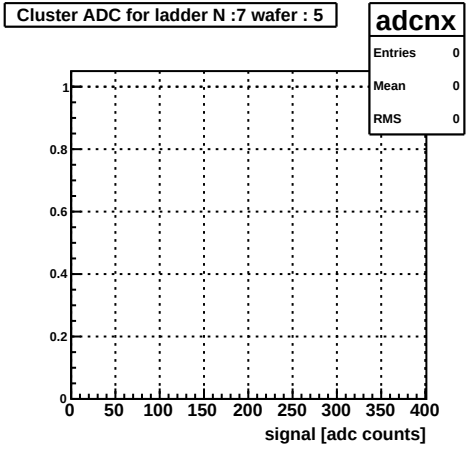

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 25501
Mean 35.24
RMS 36.38
signal [adc counts]

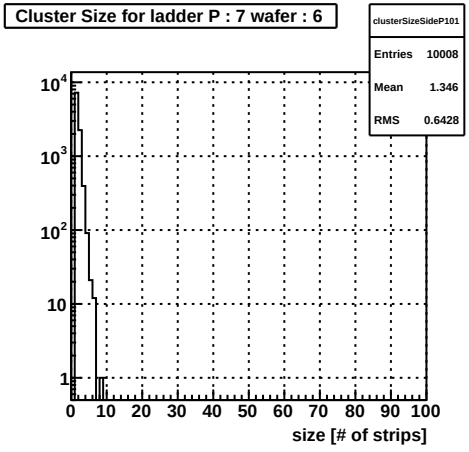

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 3540
Mean 1.338
RMS 0.6218
size [# of strips]

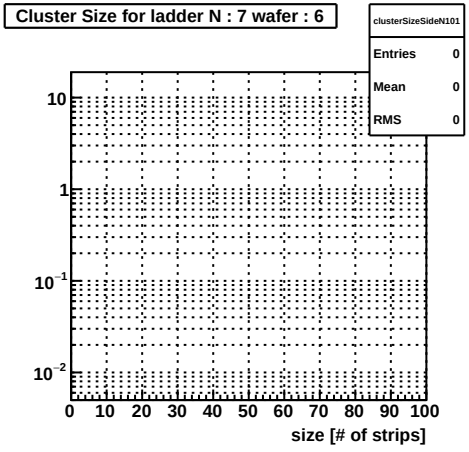

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

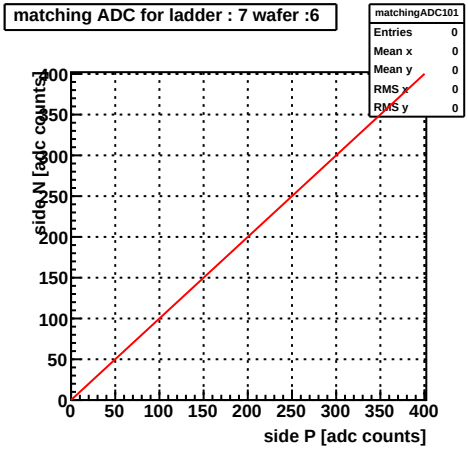

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

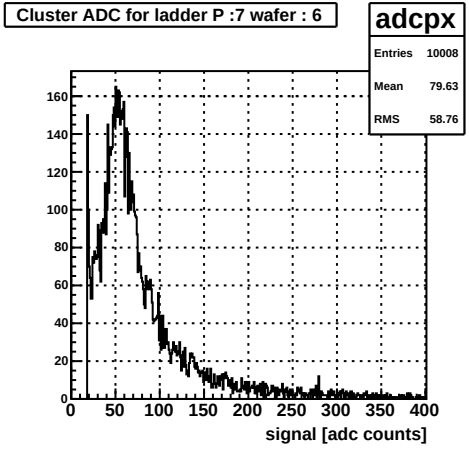

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 3540
Mean 75.75
RMS 60.11
signal [adc counts]

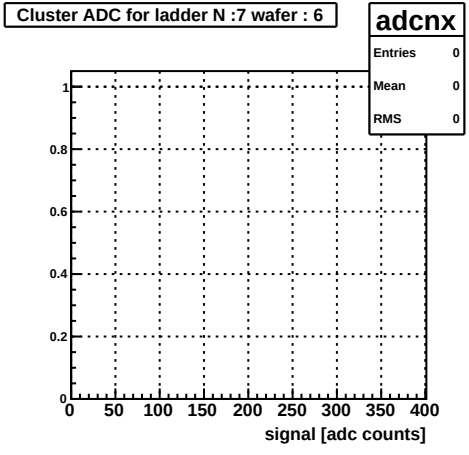

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

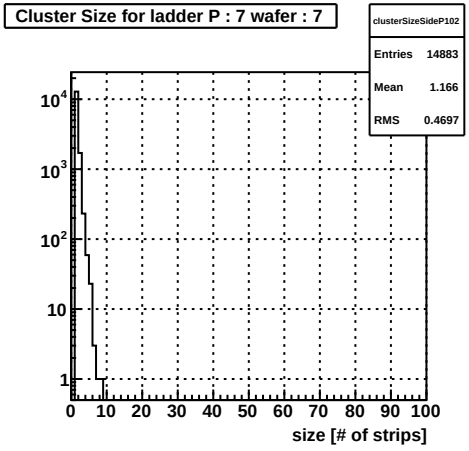

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 10008
Mean 1.346
RMS 0.6428
size [# of strips]

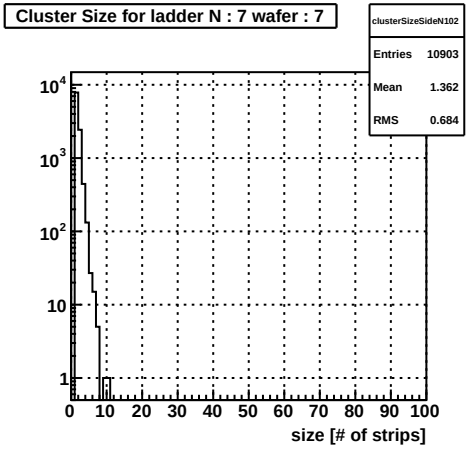

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

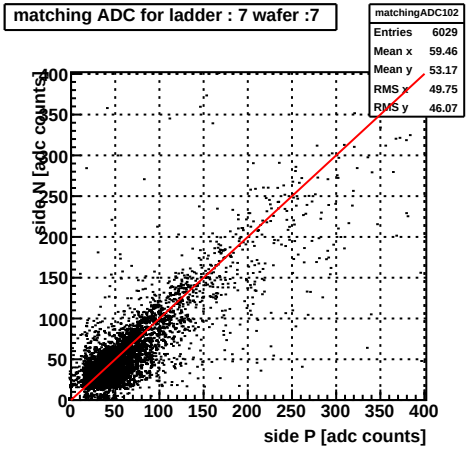

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

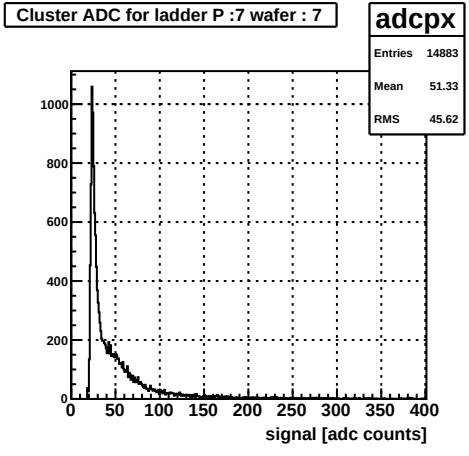

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 10008
Mean 79.63
RMS 58.76
signal [adc counts]

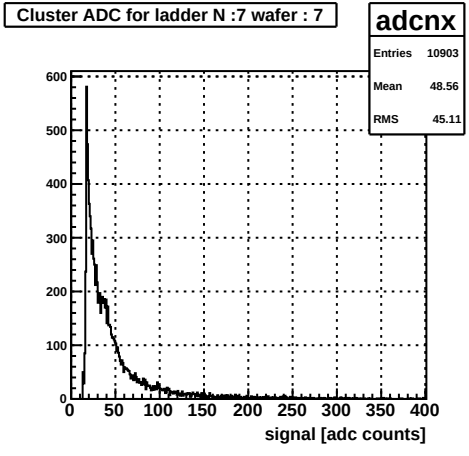

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

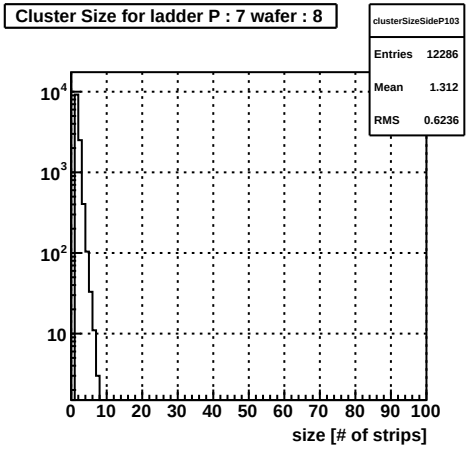

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14883
Mean 1.166
RMS 0.4697
size [# of strips]

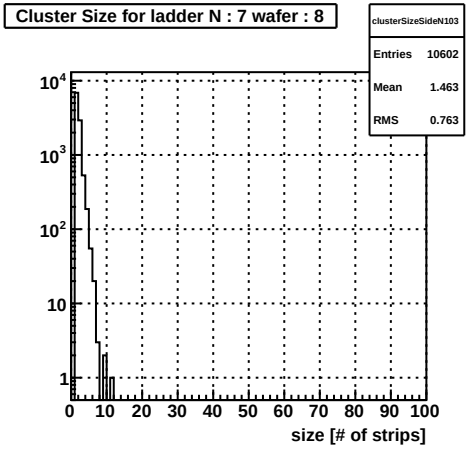

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 10903
Mean 1.362
RMS 0.684
size [# of strips]

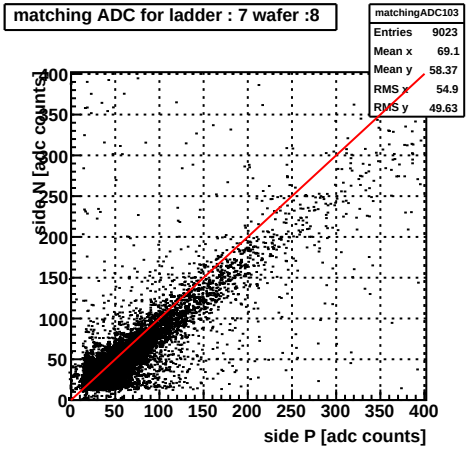

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 6029
Mean x 59.46
Mean y 53.17
RMS x 49.75
RMS y 46.07
side N [adc counts]
side P [adc counts]

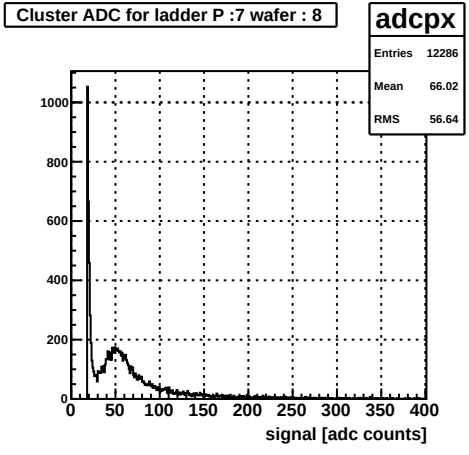

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14883
Mean 51.33
RMS 45.62
signal [adc counts]

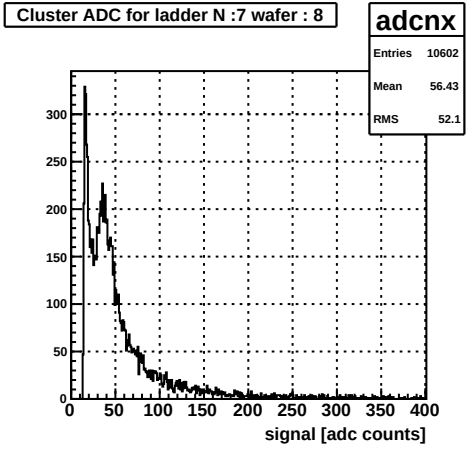

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 10903
Mean 48.56
RMS 45.11
signal [adc counts]

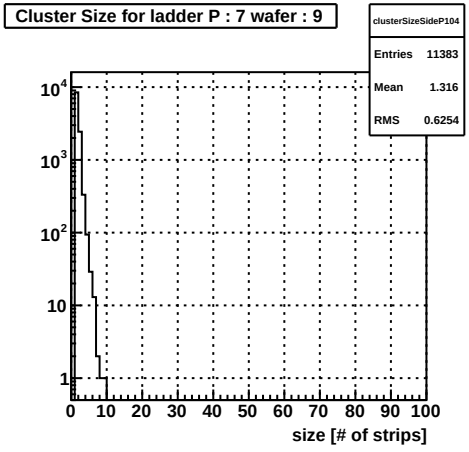

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 12286
Mean 1.312
RMS 0.6236
size [# of strips]

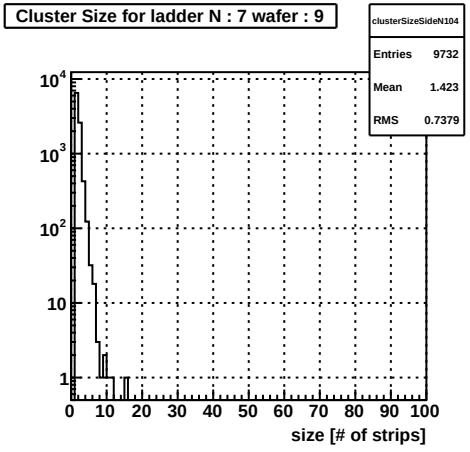

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 10602
Mean 1.463
RMS 0.763
size [# of strips]

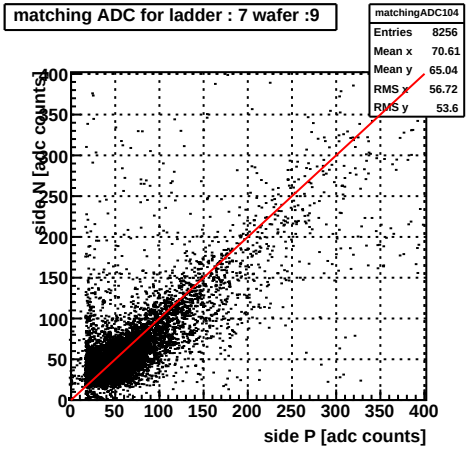

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 9023
Mean x 69.1
Mean y 58.37
RMS x 54.9
RMS y 49.63
side N [adc counts]
side P [adc counts]

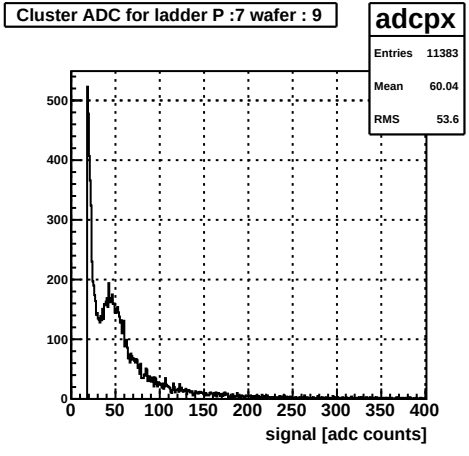

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 12286
Mean 66.02
RMS 56.64
signal [adc counts]

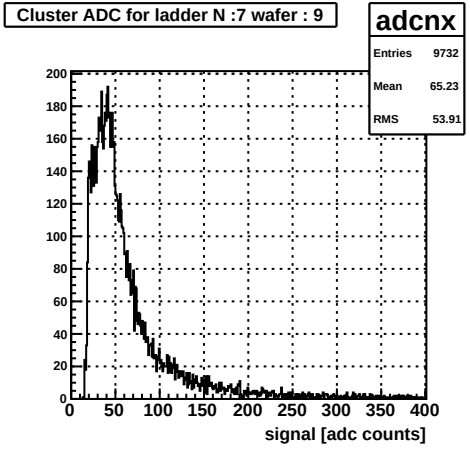

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 10602
Mean 56.43
RMS 52.1
signal [adc counts]

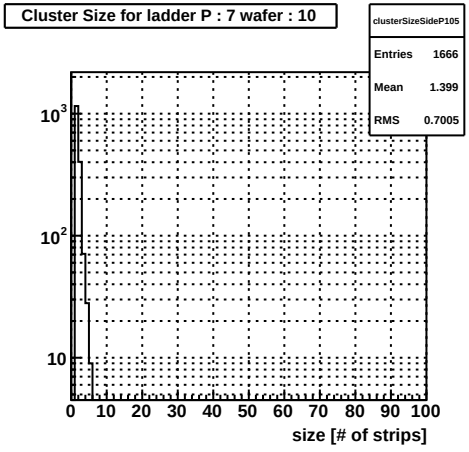

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 11383
Mean 1.316
RMS 0.6254
size [# of strips]

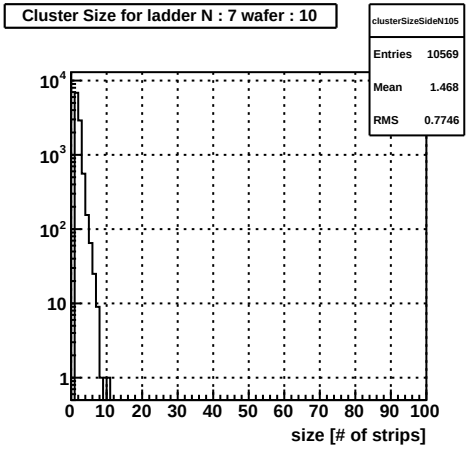

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 9732
Mean 1.423
RMS 0.7379
size [# of strips]

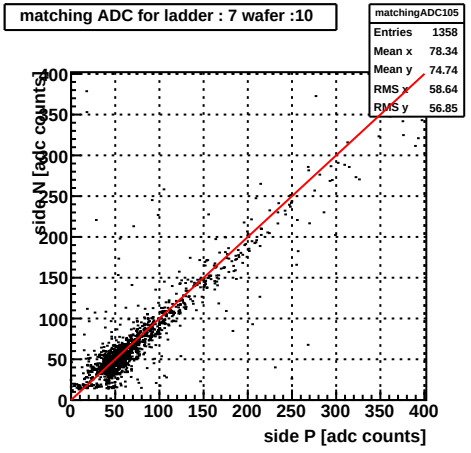

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 8256
Mean x 70.61
Mean y 65.04
RMS x 56.72
RMS y 53.6
side N [adc counts]
side P [adc counts]

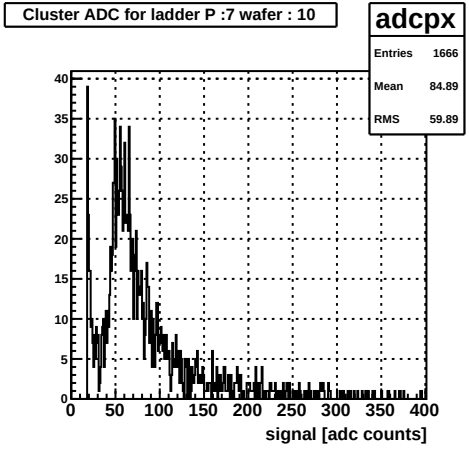

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 11383
Mean 60.04
RMS 53.6
signal [adc counts]

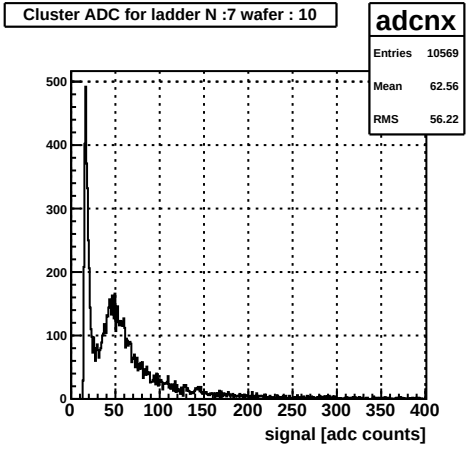

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 9732
Mean 65.23
RMS 53.91
signal [adc counts]

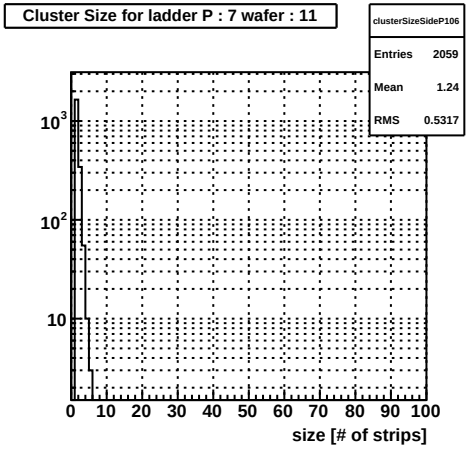

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1666
Mean 1.399
RMS 0.7005
size [# of strips]

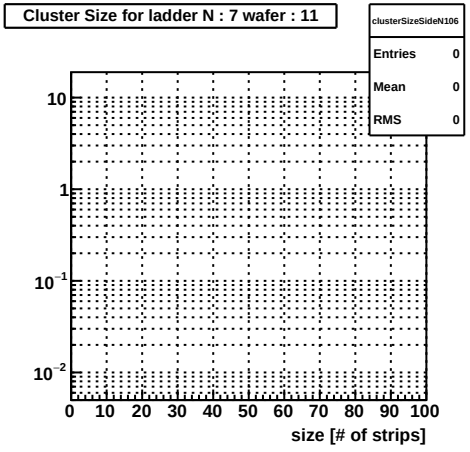

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 10569
Mean 1.468
RMS 0.7746
size [# of strips]

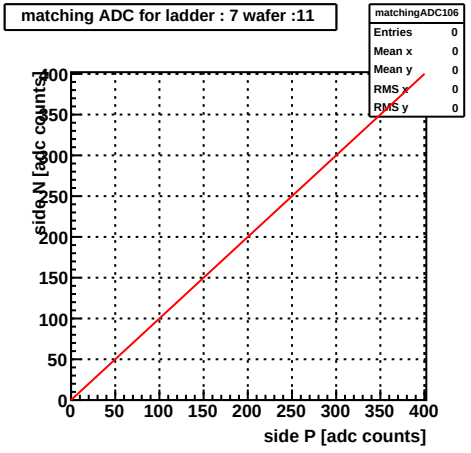

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1358
Mean x 78.34
Mean y 74.74
RMS x 58.64
RMS y 56.85
side N [adc counts]
side P [adc counts]

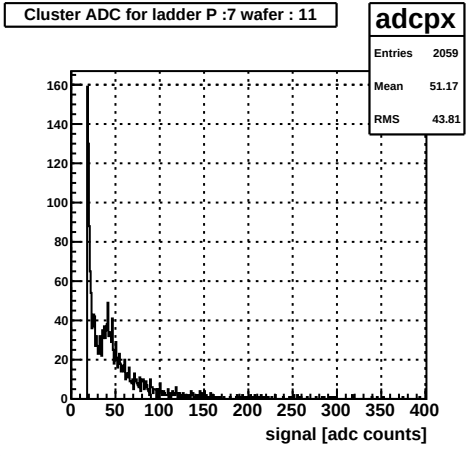

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1666
Mean 84.89
RMS 59.89
signal [adc counts]

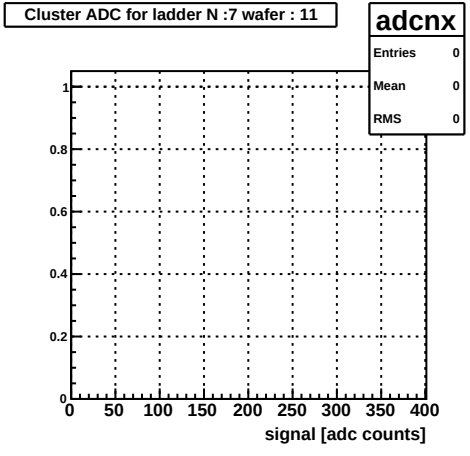

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 10569
Mean 62.56
RMS 56.22
signal [adc counts]

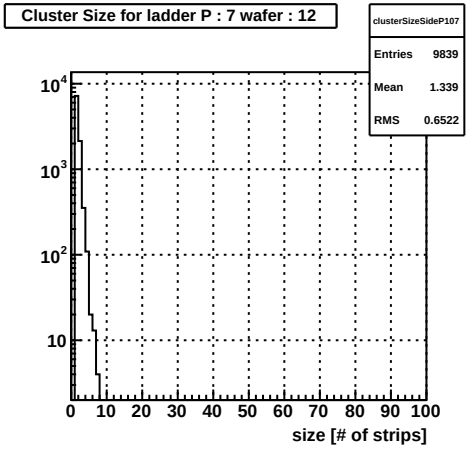

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 2059
Mean 1.24
RMS 0.5317
size [# of strips]

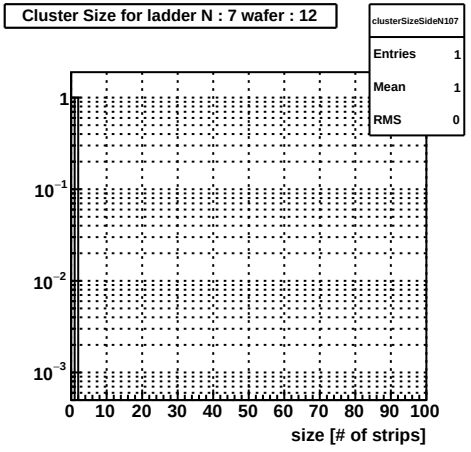

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 0
Mean 0
RMS 0
size [# of strips]

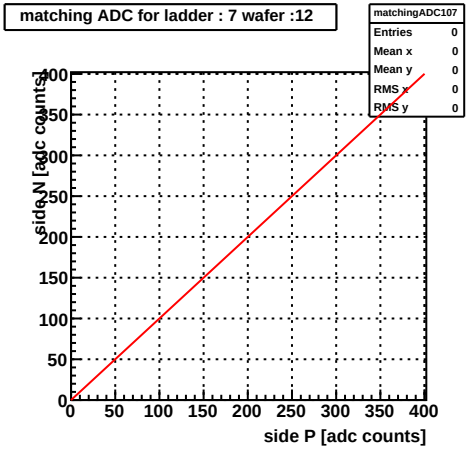

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

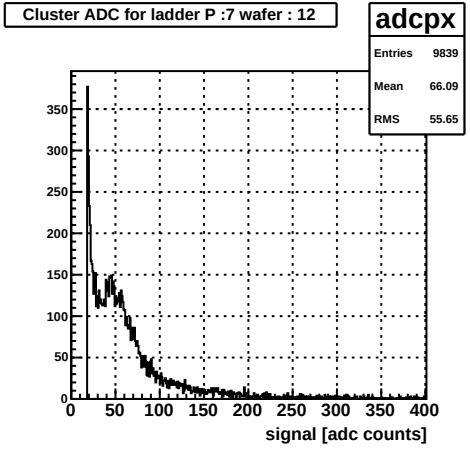

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 2059
Mean 51.17
RMS 43.81
signal [adc counts]

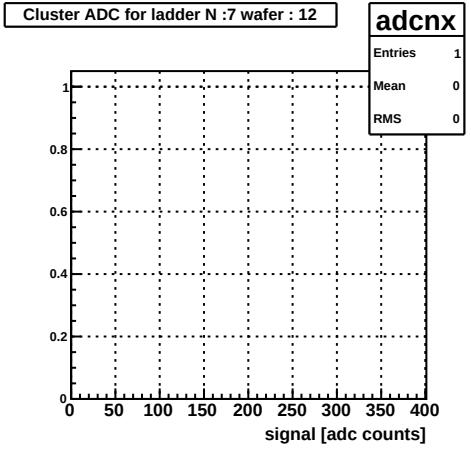

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

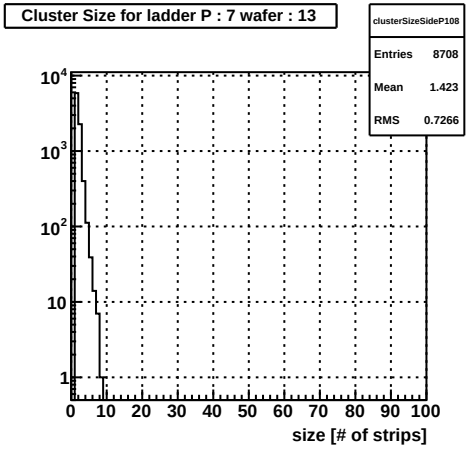

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 9839
Mean 1.339
RMS 0.6522
size [# of strips]

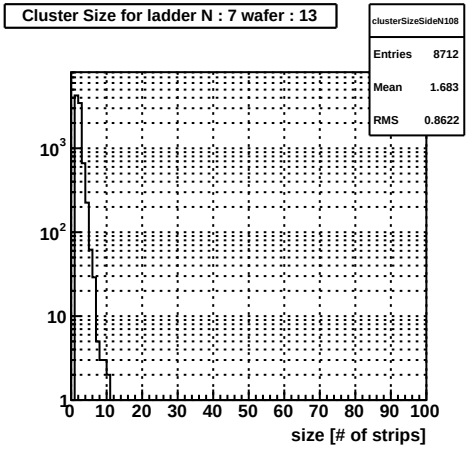

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1
Mean 1
RMS 0
size [# of strips]

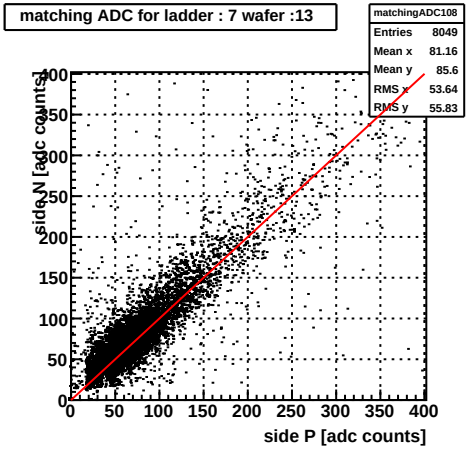

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

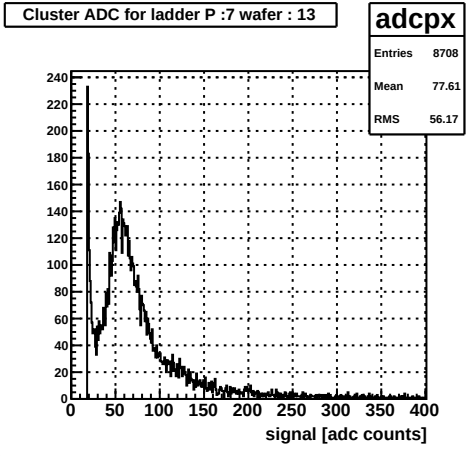

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 9839
Mean 66.09
RMS 55.65
signal [adc counts]

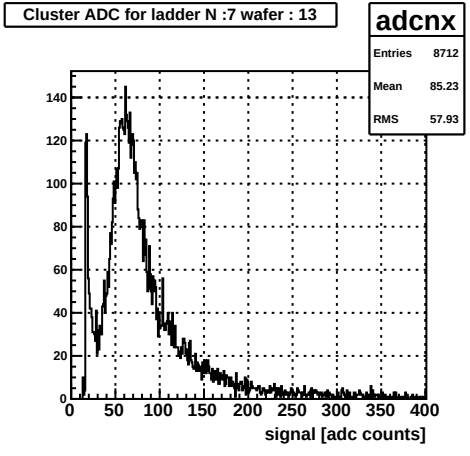

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

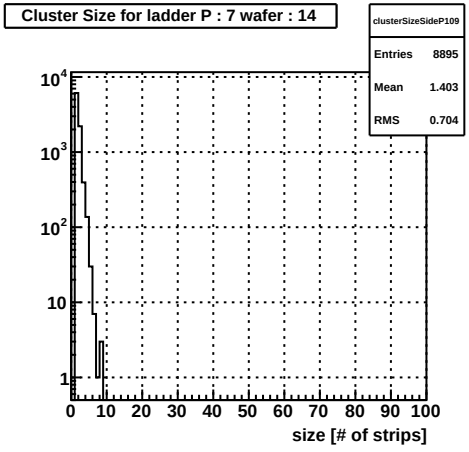

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 8708
Mean 1.423
RMS 0.7266
size [# of strips]

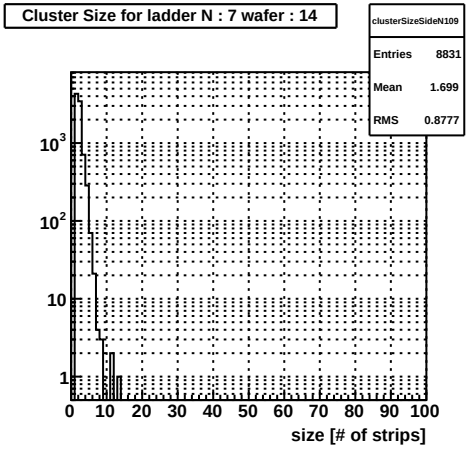

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 8712
Mean 1.683
RMS 0.8622
size [# of strips]

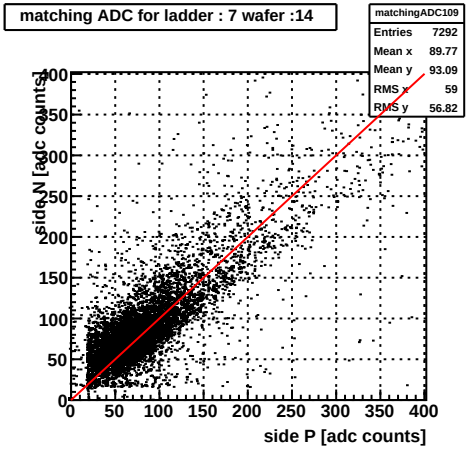

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 8049
Mean x 81.16
Mean y 85.6
RMS x 53.64
RMS y 55.83
side N [adc counts]
side P [adc counts]

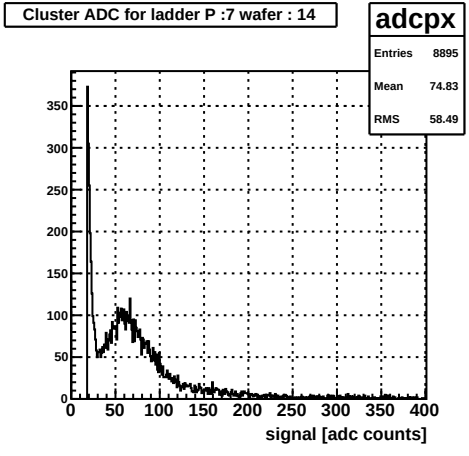

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 8708
Mean 77.61
RMS 56.17
signal [adc counts]

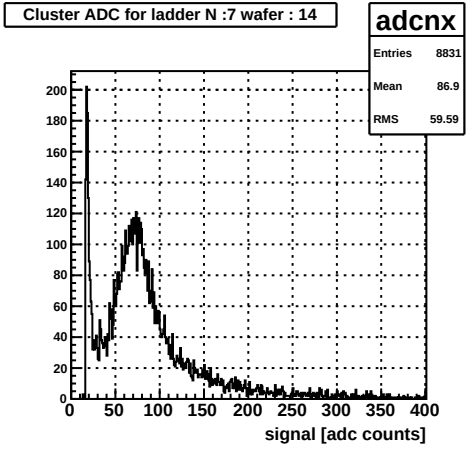

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 8712
Mean 85.23
RMS 57.93
signal [adc counts]

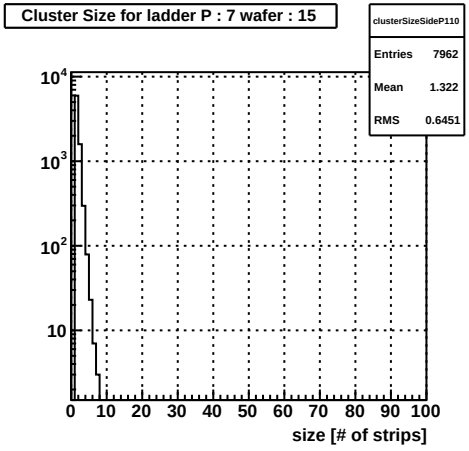

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 8895
Mean 1.403
RMS 0.704
size [# of strips]

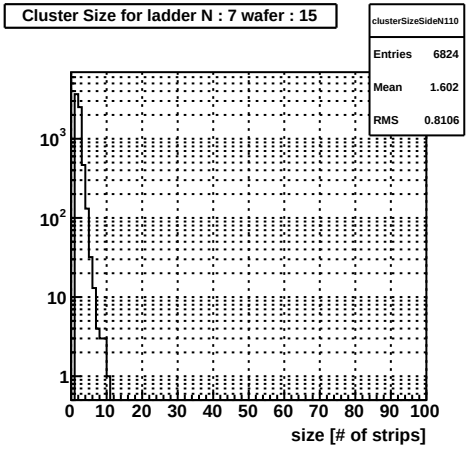

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 8831
Mean 1.699
RMS 0.8777
size [# of strips]

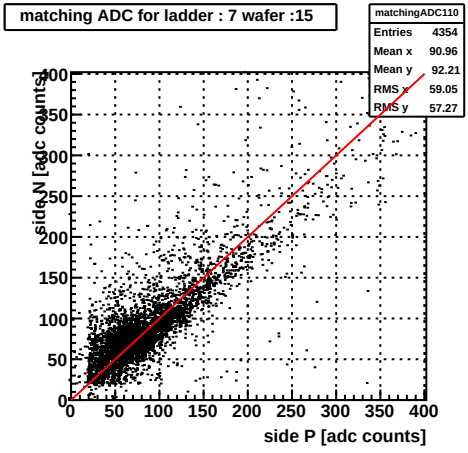

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 7292
Mean x 89.77
Mean y 93.09
RMS x 59
RMS y 56.82
side N [adc counts]
side P [adc counts]

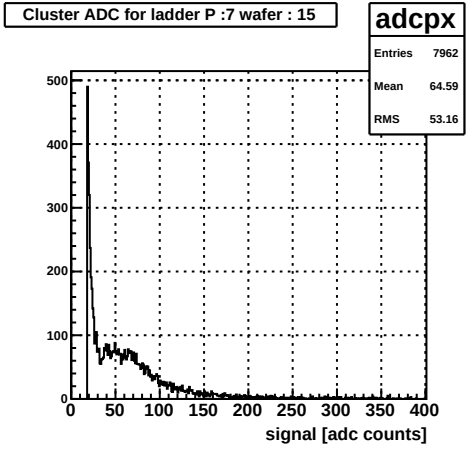

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 8895
Mean 74.83
RMS 58.49
signal [adc counts]

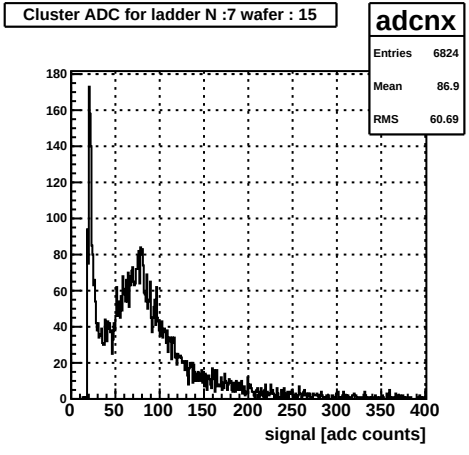

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 8831
Mean 86.9
RMS 59.59
signal [adc counts]

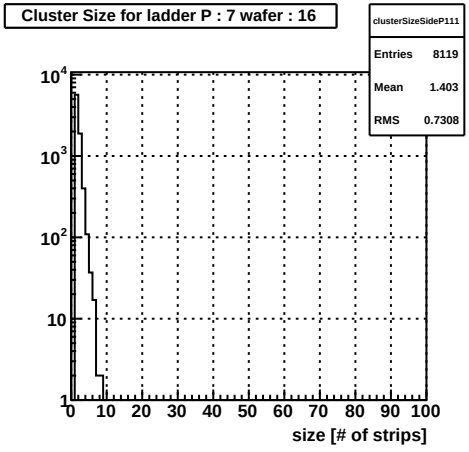

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 7962
Mean 1.322
RMS 0.6451
size [# of strips]

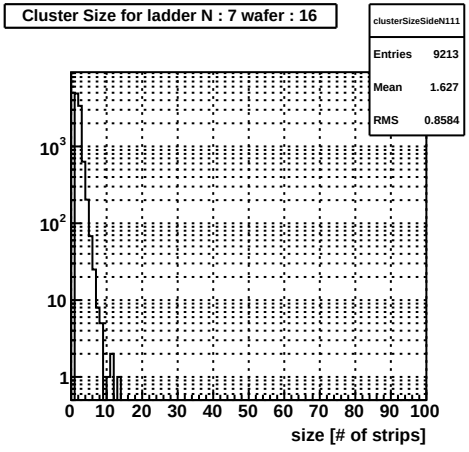

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 6824
Mean 1.602
RMS 0.8106
size [# of strips]

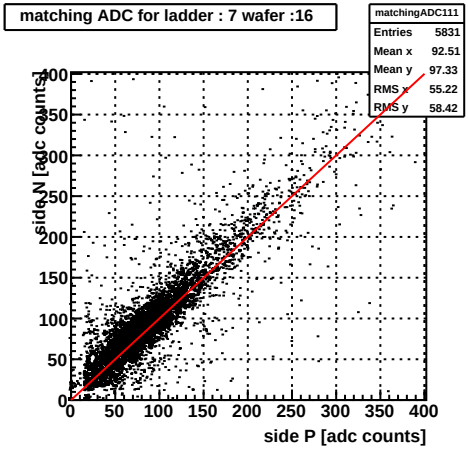

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 4354
Mean x 90.96
Mean y 92.21
RMS x 59.05
RMS y 57.27
side N [adc counts]
side P [adc counts]

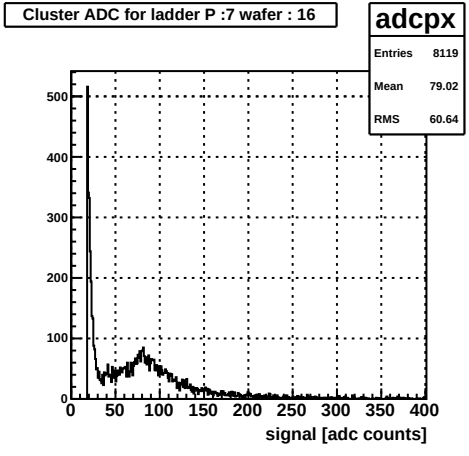

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 7962
Mean 64.59
RMS 53.16
signal [adc counts]

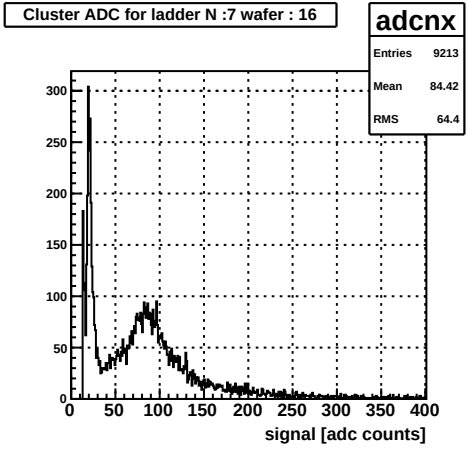

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 6824
Mean 86.9
RMS 60.69
signal [adc counts]

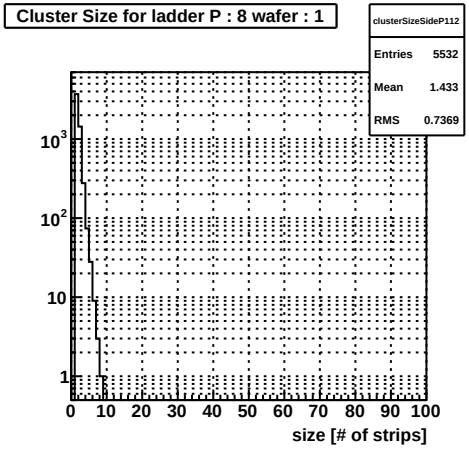

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8119
Mean 1.403
RMS 0.7308
size [# of strips]

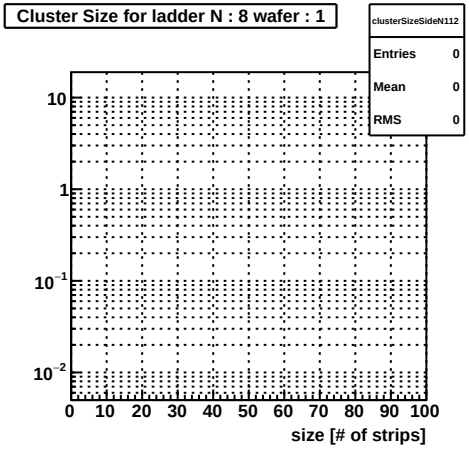

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 9213
Mean 1.627
RMS 0.8584
size [# of strips]

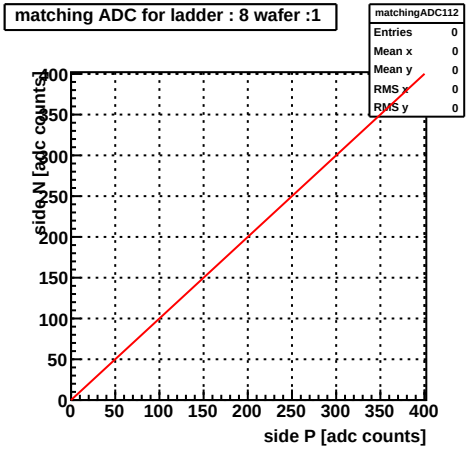

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 5831
Mean x 92.51
Mean y 97.33
RMS x 55.22
RMS y 58.42
side N [adc counts]
side P [adc counts]

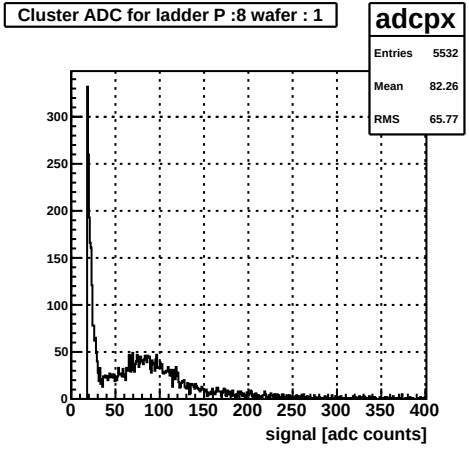

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8119
Mean 79.02
RMS 60.64
signal [adc counts]

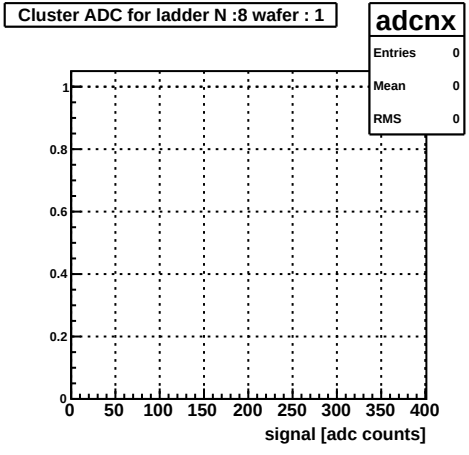

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 9213
Mean 84.42
RMS 64.4
signal [adc counts]

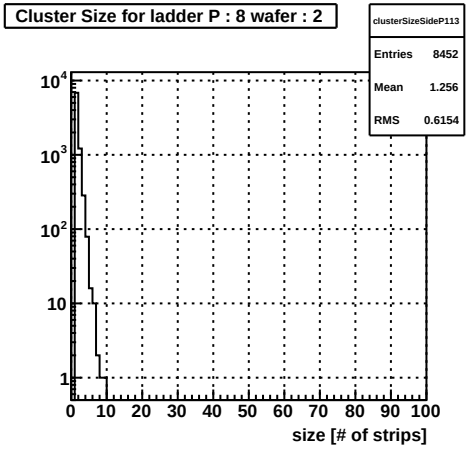

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 5532
Mean 1.433
RMS 0.7369
size [# of strips]

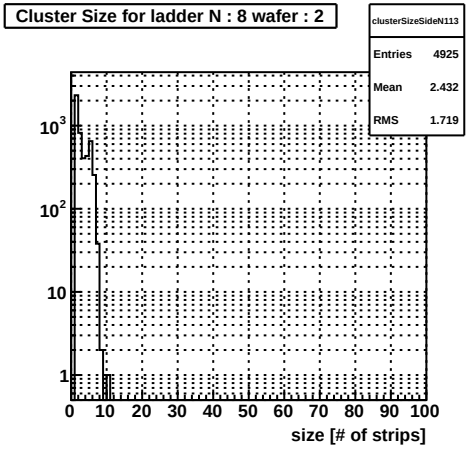

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

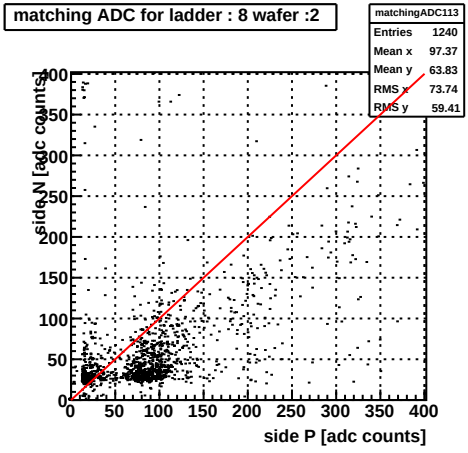

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

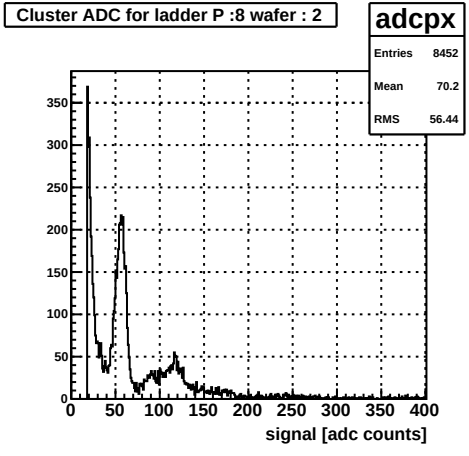

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 5532
Mean 82.26
RMS 65.77
signal [adc counts]

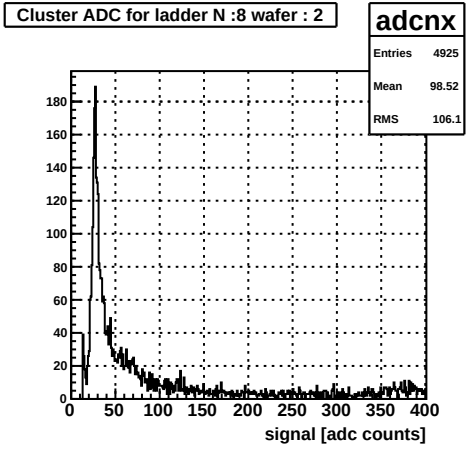

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

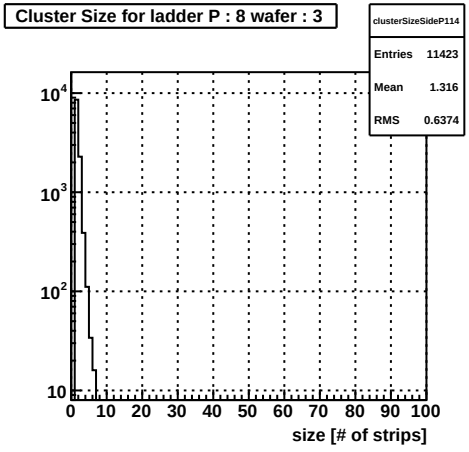

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8452
Mean 1.256
RMS 0.6154
size [# of strips]

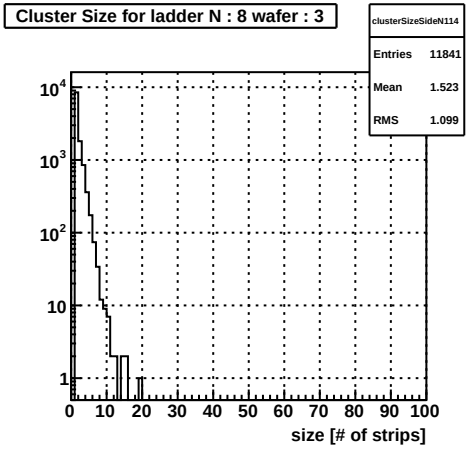

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 4925
Mean 2.432
RMS 1.719
size [# of strips]

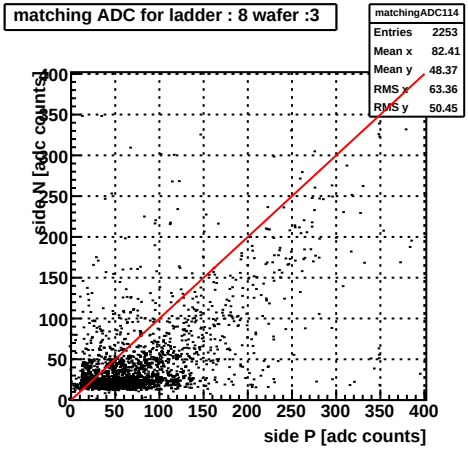

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 1240
Mean x 97.37
Mean y 63.83
RMS x 73.74
RMS y 59.41
side N [adc counts]
side P [adc counts]

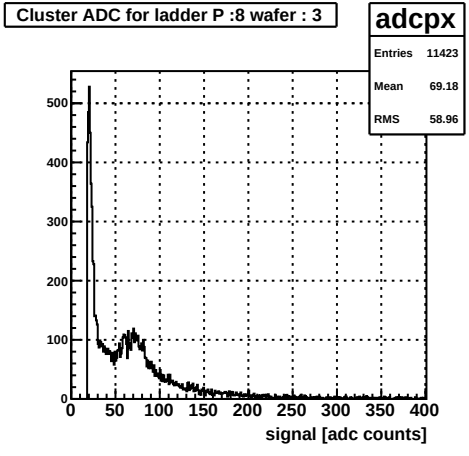

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8452
Mean 70.2
RMS 56.44
signal [adc counts]

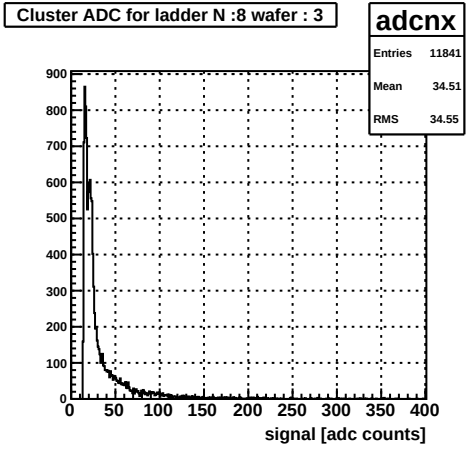

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 4925
Mean 98.52
RMS 106.1
signal [adc counts]

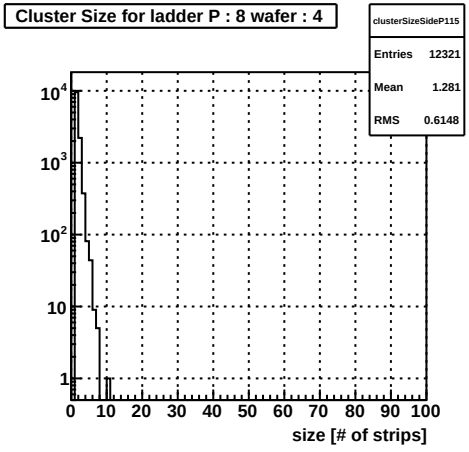

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 11423
Mean 1.316
RMS 0.6374
size [# of strips]

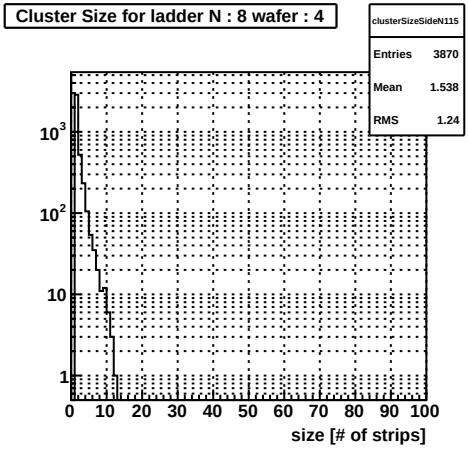

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11841
Mean 1.523
RMS 1.099
size [# of strips]

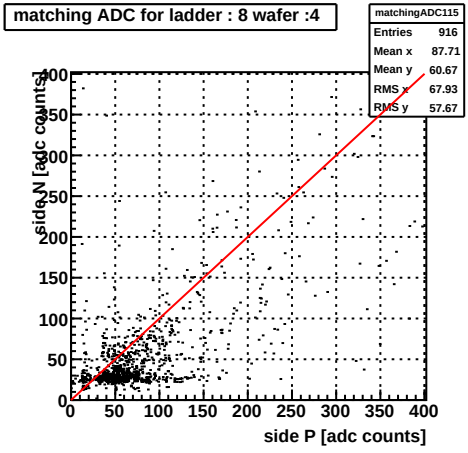

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 2253
Mean x 82.41
Mean y 48.37
RMS x 63.36
RMS y 50.45
side N [adc counts]
side P [adc counts]

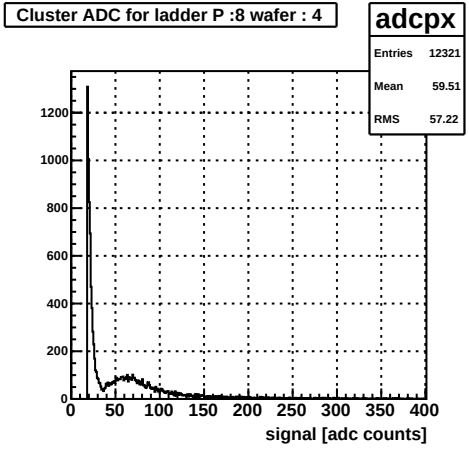

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 11423
Mean 69.18
RMS 58.96
signal [adc counts]

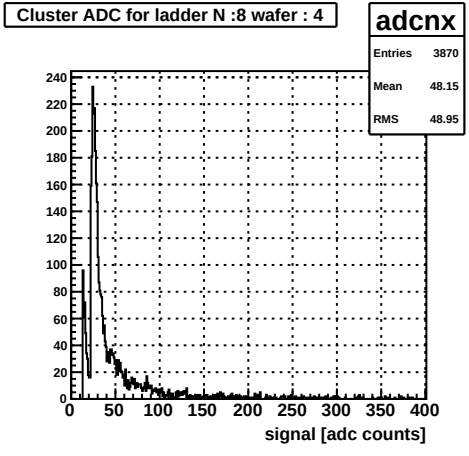

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11841
Mean 34.51
RMS 34.55
signal [adc counts]

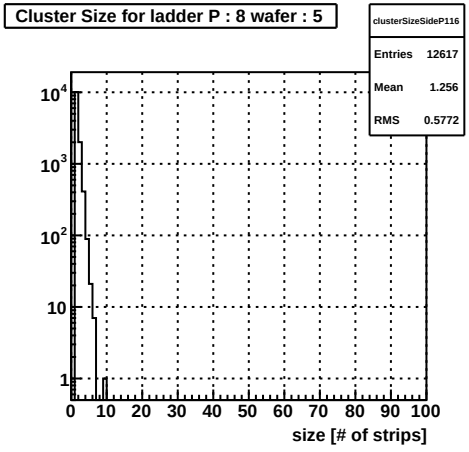

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12321
Mean 1.281
RMS 0.6148
size [# of strips]

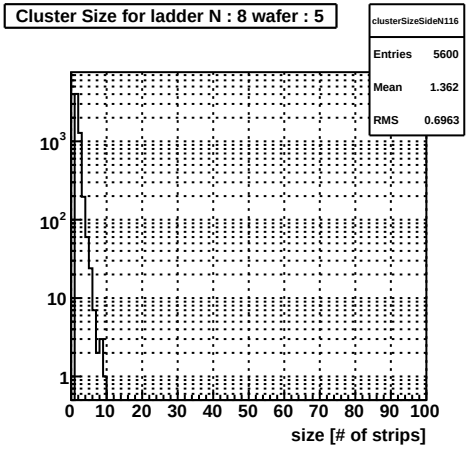

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3870
Mean 1.538
RMS 1.24
size [# of strips]

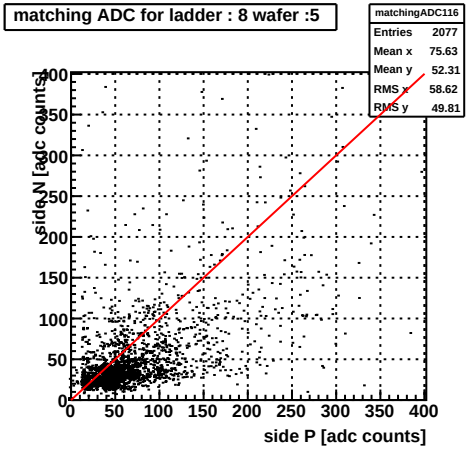

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 916
Mean x 87.71
Mean y 60.67
RMS x 67.93
RMS y 57.67
side N [adc counts]
side P [adc counts]

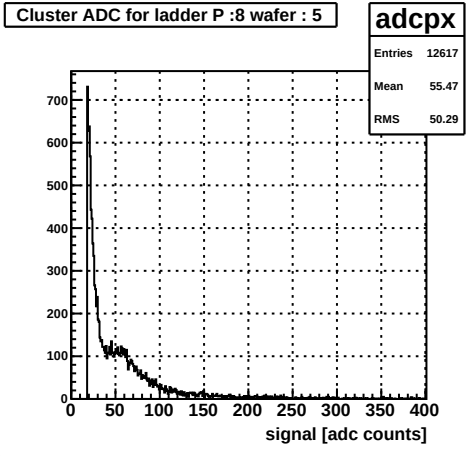

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12321
Mean 59.51
RMS 57.22
signal [adc counts]

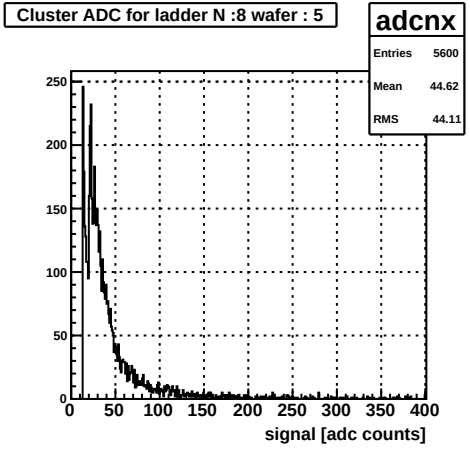

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3870
Mean 48.15
RMS 48.95
signal [adc counts]

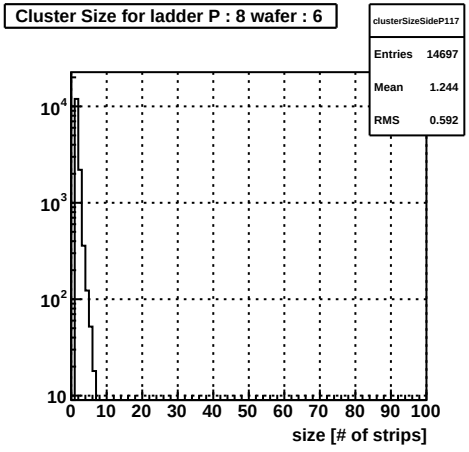

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 12617
Mean 1.256
RMS 0.5772
size [# of strips]

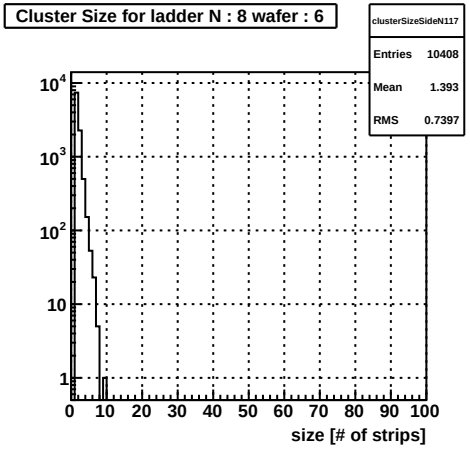

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 5600
Mean 1.362
RMS 0.6963
size [# of strips]

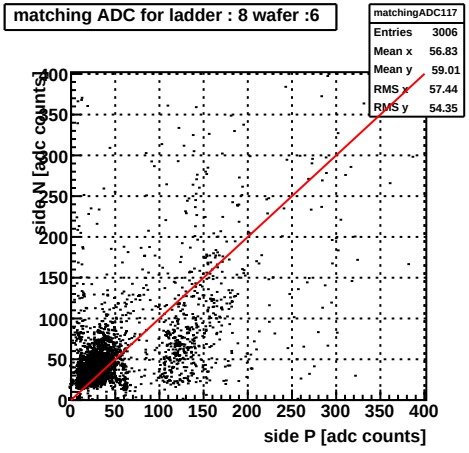

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 2077
Mean x 75.63
Mean y 52.31
RMS x 58.62
RMS y 49.81
side N [adc counts]
side P [adc counts]

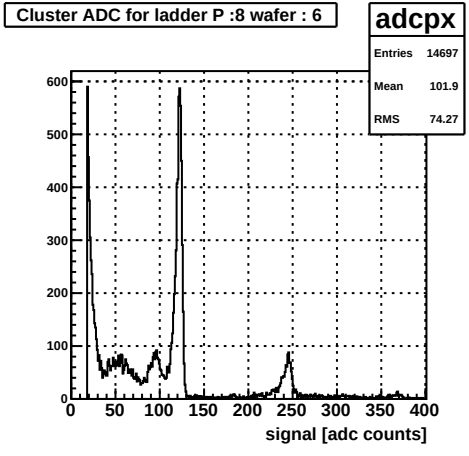

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 12617
Mean 55.47
RMS 50.29
signal [adc counts]

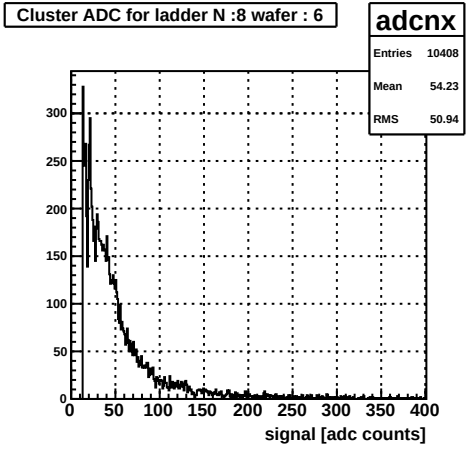

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 5600
Mean 44.62
RMS 44.11
signal [adc counts]

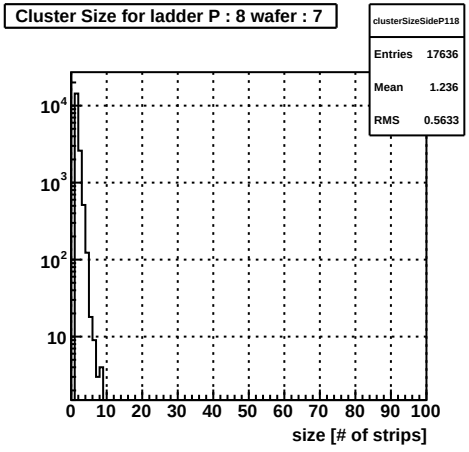

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14697
Mean 1.244
RMS 0.592
size [# of strips]

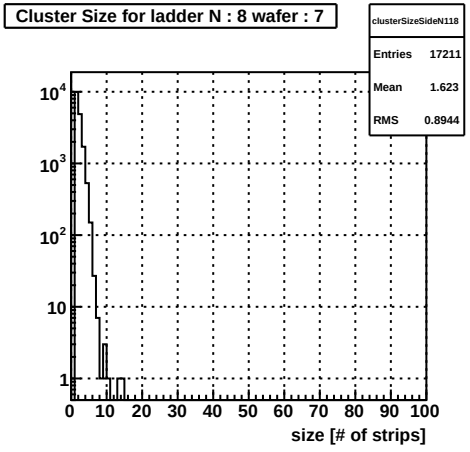

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 10408
Mean 1.393
RMS 0.7397
size [# of strips]

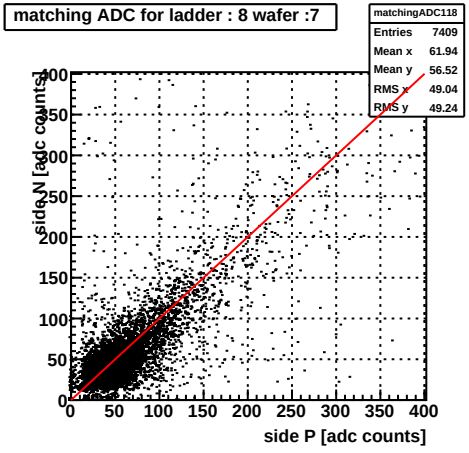

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3006
Mean x 56.83
Mean y 59.01
RMS x 57.44
RMS y 54.35
side N [adc counts]
side P [adc counts]

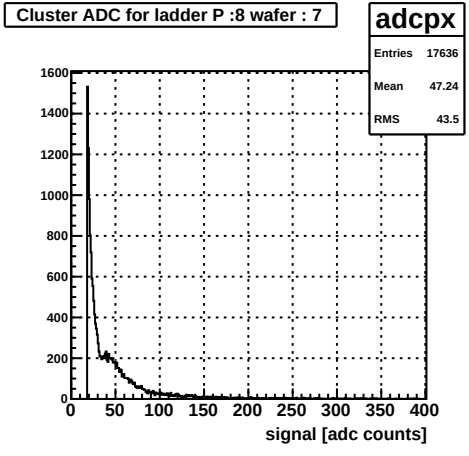

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14697
Mean 101.9
RMS 74.27
signal [adc counts]

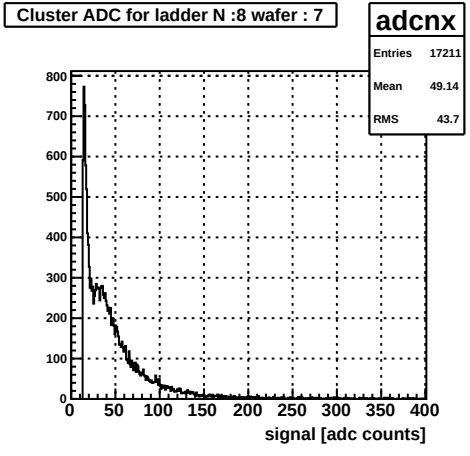

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 10408
Mean 54.23
RMS 50.94
signal [adc counts]

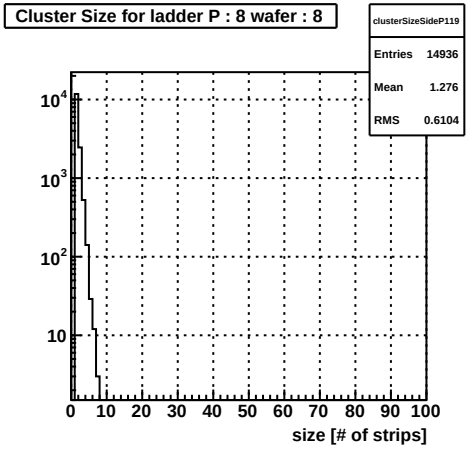

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 17636
Mean 1.236
RMS 0.5633
size [# of strips]

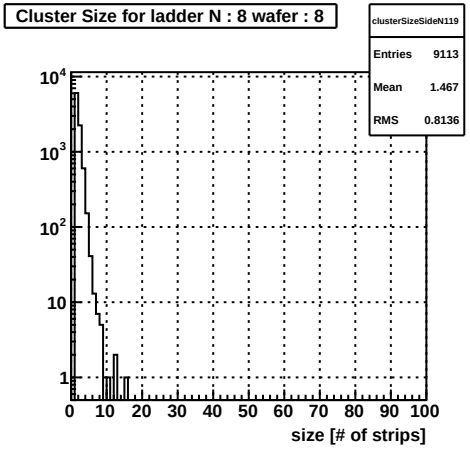

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 17211
Mean 1.623
RMS 0.8944
size [# of strips]

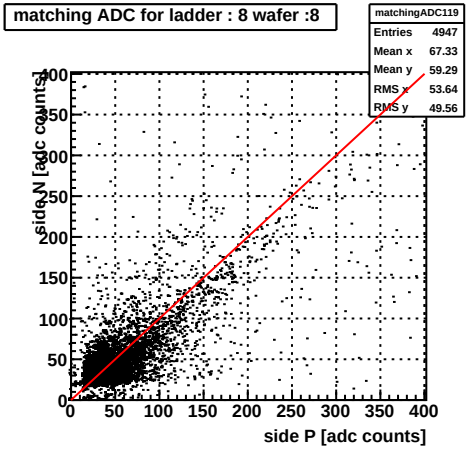

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 7409
Mean x 61.94
Mean y 56.52
RMS x 49.04
RMS y 49.24
side N [adc counts]
side P [adc counts]

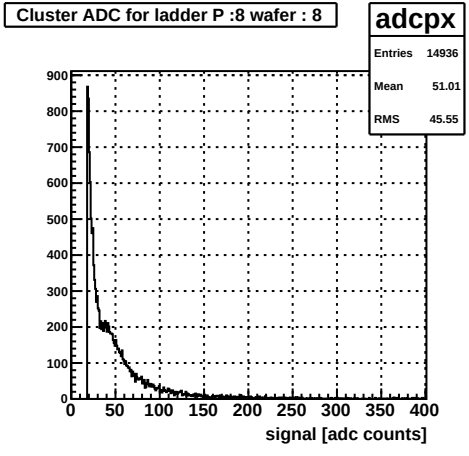

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 17636
Mean 47.24
RMS 43.5
signal [adc counts]

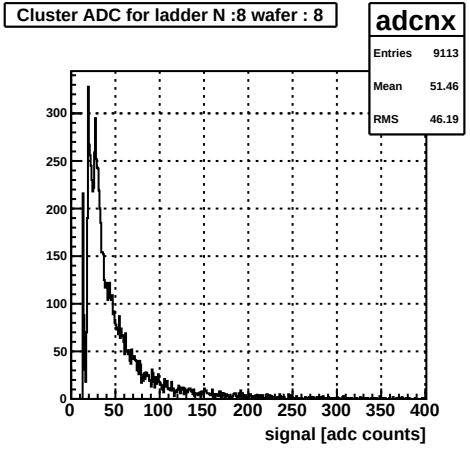

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 17211
Mean 49.14
RMS 43.7
signal [adc counts]

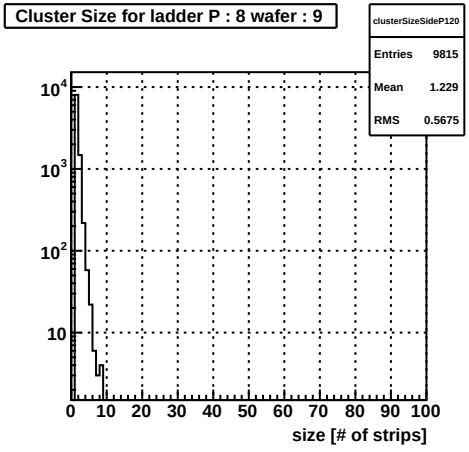

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 14936
Mean 1.276
RMS 0.6104
size [# of strips]

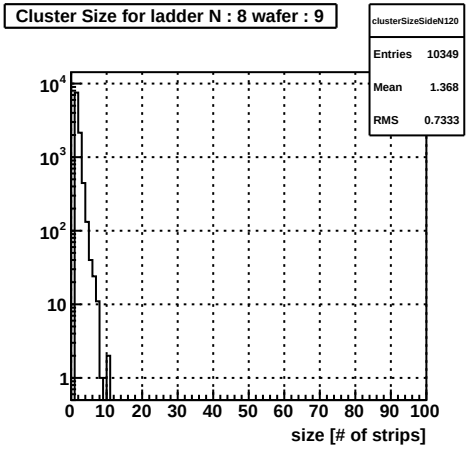

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 9113
Mean 1.467
RMS 0.8136
size [# of strips]

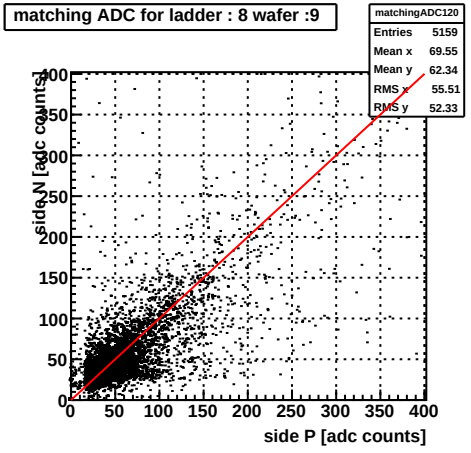

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 4947
Mean x 67.33
Mean y 59.29
RMS x 53.64
RMS y 49.56
side N [adc counts]
side P [adc counts]

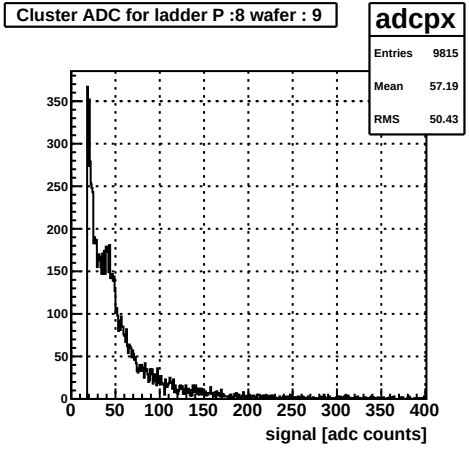

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 14936
Mean 51.01
RMS 45.55
signal [adc counts]

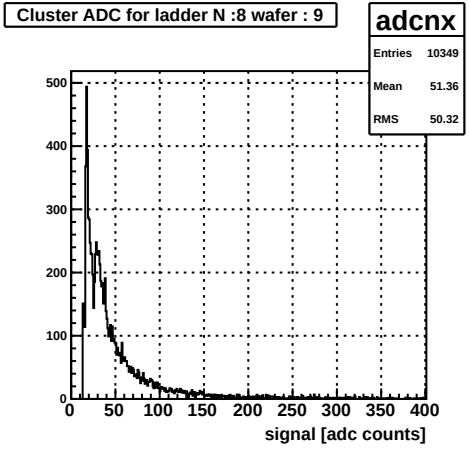

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 9113
Mean 51.46
RMS 46.19
signal [adc counts]

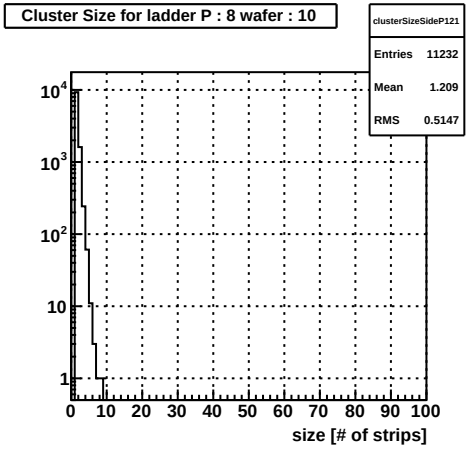

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 9815
Mean 1.229
RMS 0.5675
size [# of strips]

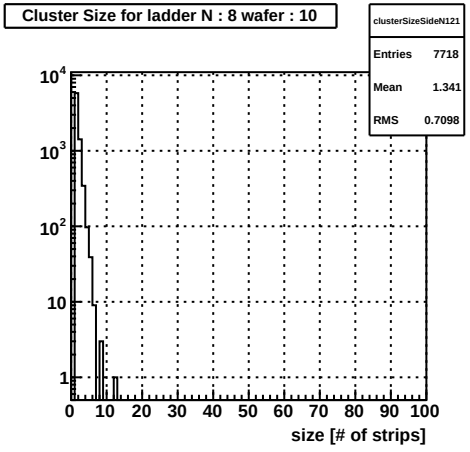

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 10349
Mean 1.368
RMS 0.7333
size [# of strips]

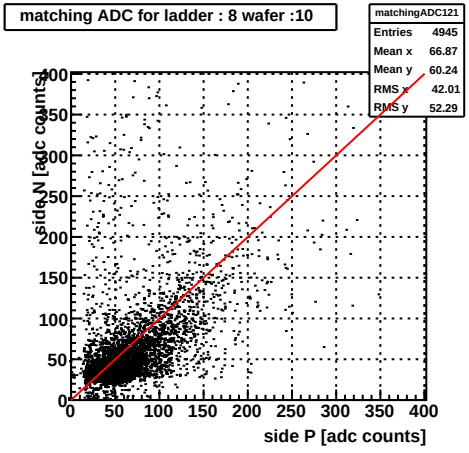

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 5159
Mean x 69.55
Mean y 62.34
RMS x 55.51
RMS y 52.33
side N [adc counts]
side P [adc counts]

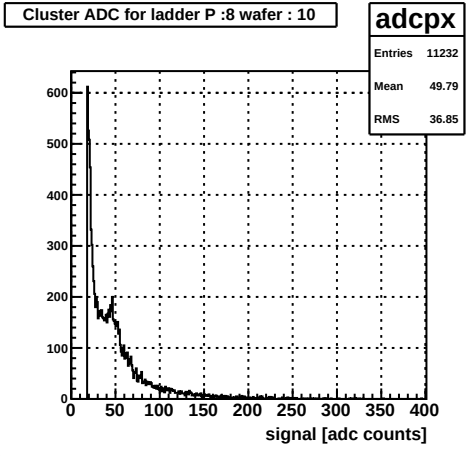

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 9815
Mean 57.19
RMS 50.43
signal [adc counts]

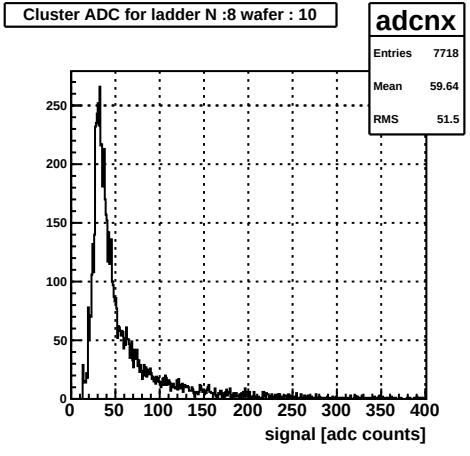

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 10349
Mean 51.36
RMS 50.32
signal [adc counts]

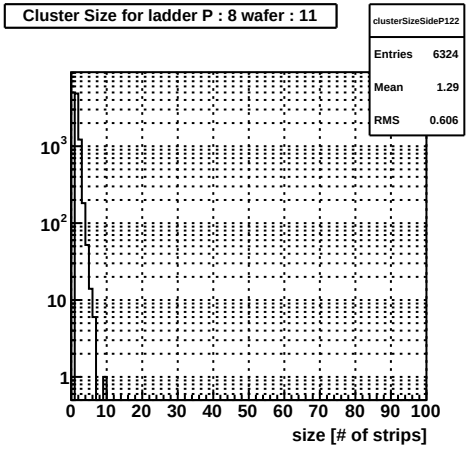

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 11232
Mean 1.209
RMS 0.5147
size [# of strips]

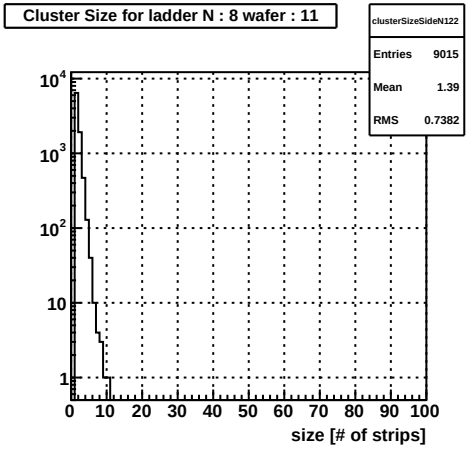

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 7718
Mean 1.341
RMS 0.7098
size [# of strips]

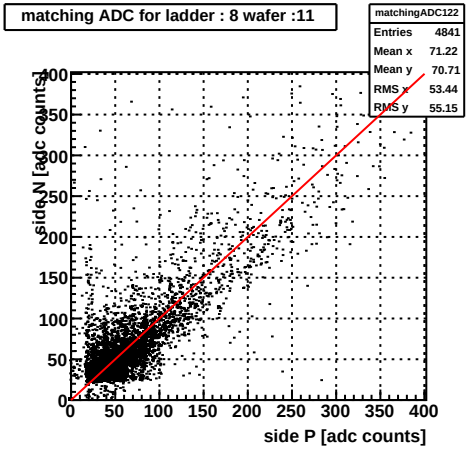

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 4945
Mean x 66.87
Mean y 60.24
RMS x 42.01
RMS y 52.29
side N [adc counts]
side P [adc counts]

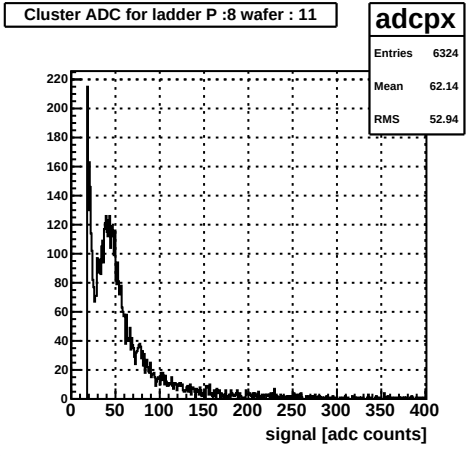

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 11232
Mean 49.79
RMS 36.85
signal [adc counts]

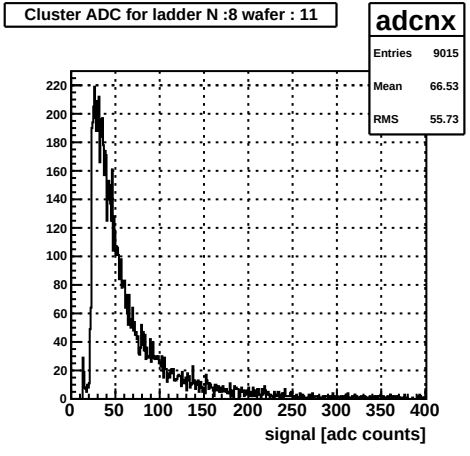

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 7718
Mean 59.64
RMS 51.5
signal [adc counts]

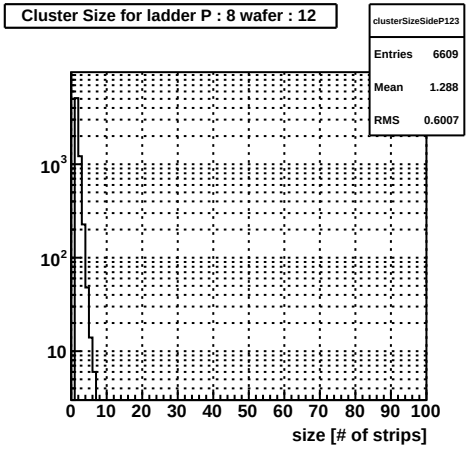

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 6324
Mean 1.29
RMS 0.606
size [# of strips]

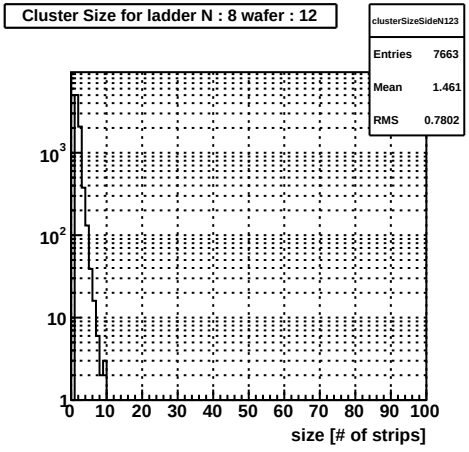

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 9015
Mean 1.39
RMS 0.7382
size [# of strips]

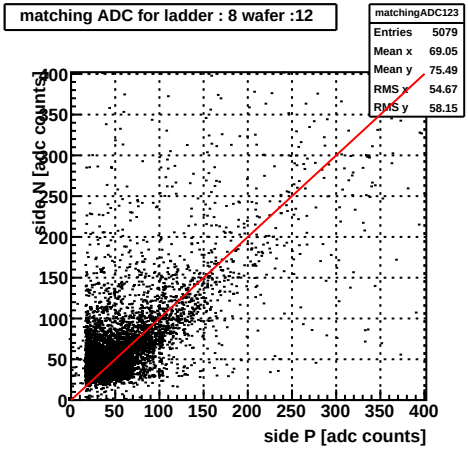

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 4841
Mean x 71.22
Mean y 70.71
RMS x 53.44
RMS y 55.15
side N [adc counts]
side P [adc counts]

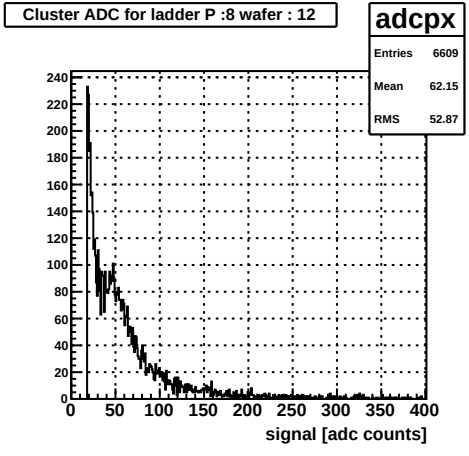

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 6324
Mean 62.14
RMS 52.94
signal [adc counts]

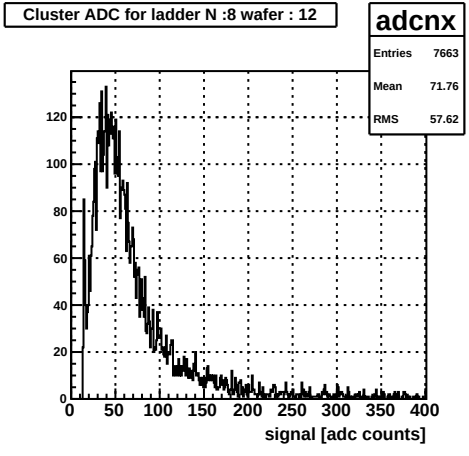

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 9015
Mean 66.53
RMS 55.73
signal [adc counts]

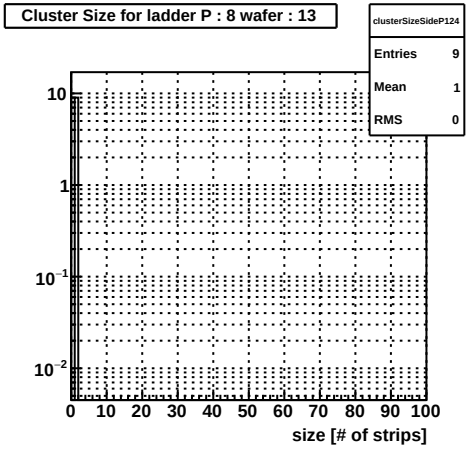

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 6609
Mean 1.288
RMS 0.6007
size [# of strips]

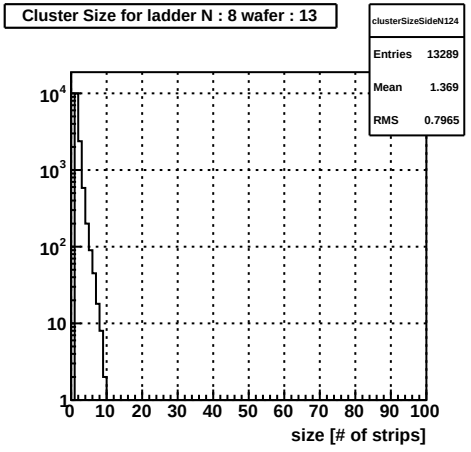

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 7663
Mean 1.461
RMS 0.7802
size [# of strips]

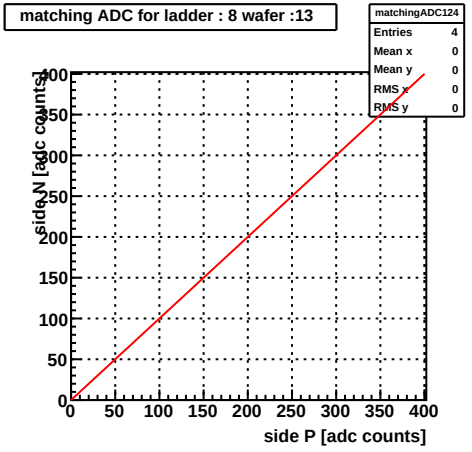

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 5079
Mean x 69.05
Mean y 75.49
RMS x 54.67
RMS y 58.15
side N [adc counts]
side P [adc counts]

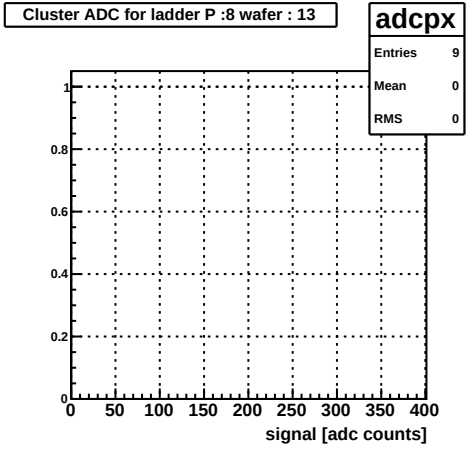

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 6609
Mean 62.15
RMS 52.87
signal [adc counts]

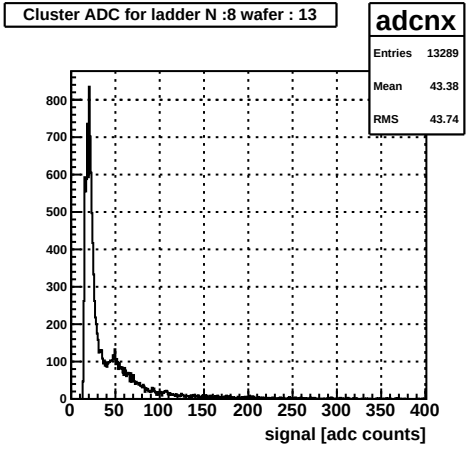

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 7663
Mean 71.76
RMS 57.62
signal [adc counts]

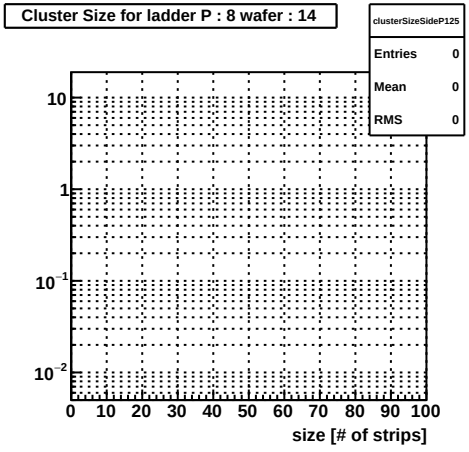

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 9
Mean 1
RMS 0
size [# of strips]

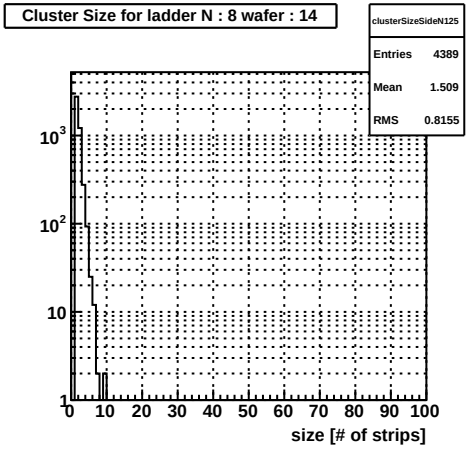

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 13289
Mean 1.369
RMS 0.7965
size [# of strips]

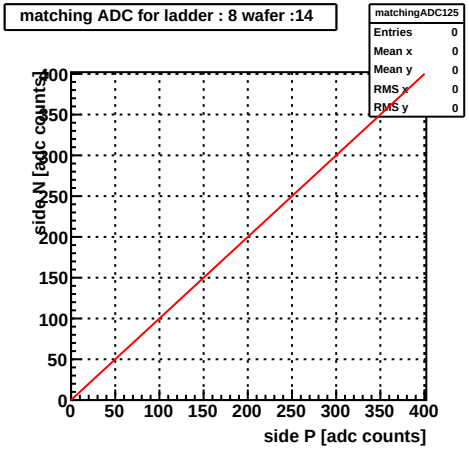

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

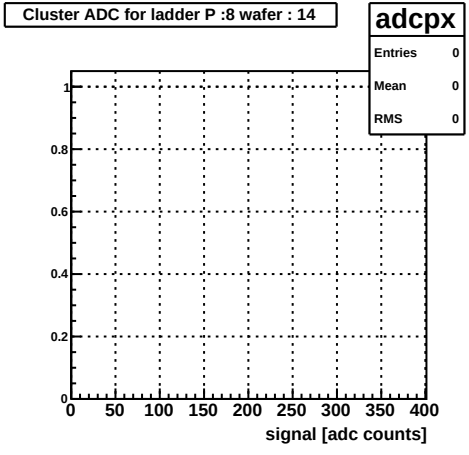

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

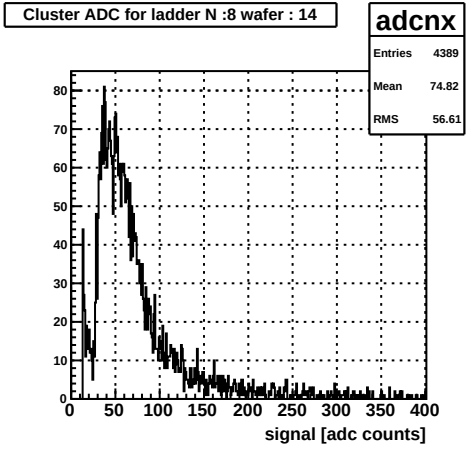

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 13289
Mean 43.38
RMS 43.74
signal [adc counts]

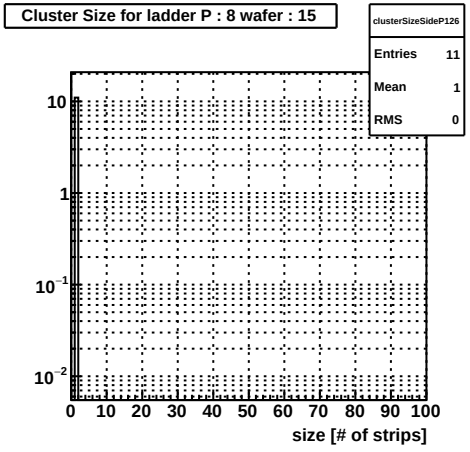

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

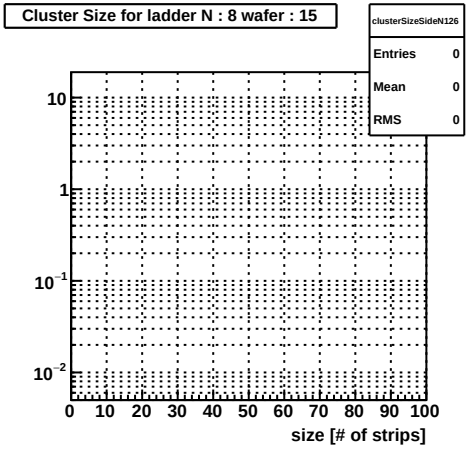

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 4389
Mean 1.509
RMS 0.8155
size [# of strips]

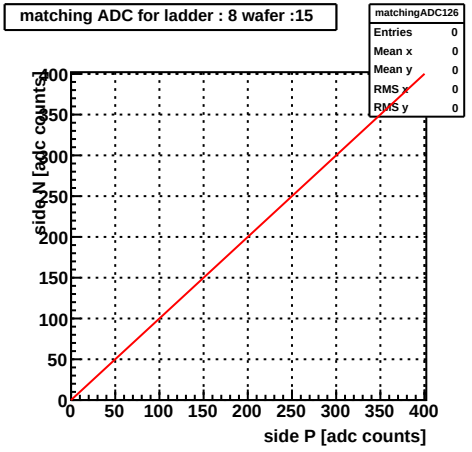

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

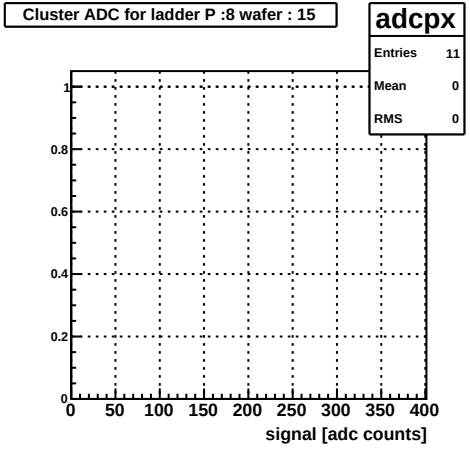

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

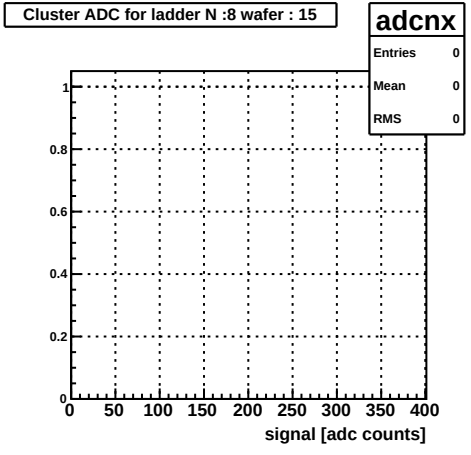

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 4389
Mean 74.82
RMS 56.61
signal [adc counts]

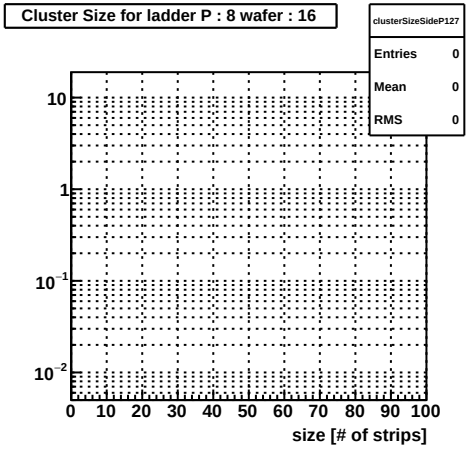

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 11
Mean 1
RMS 0
size [# of strips]

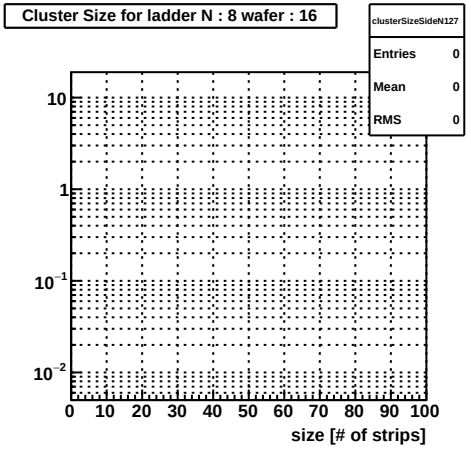

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

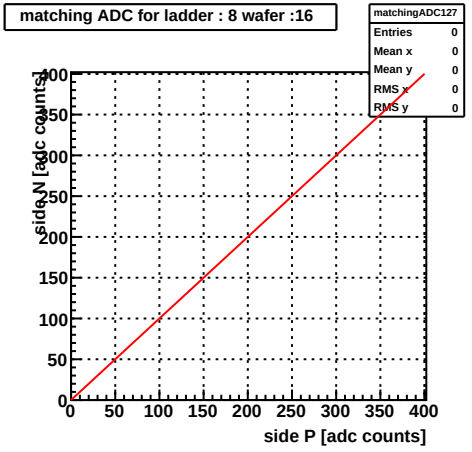

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

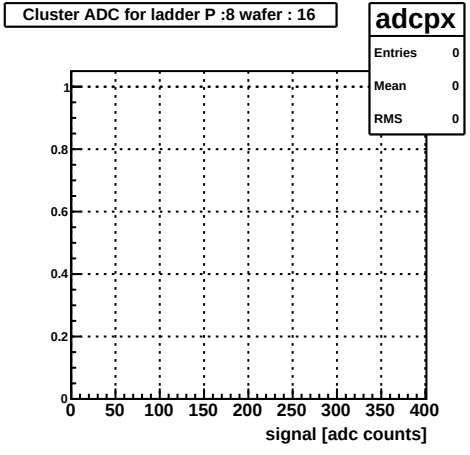

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 11
Mean 0
RMS 0
signal [adc counts]

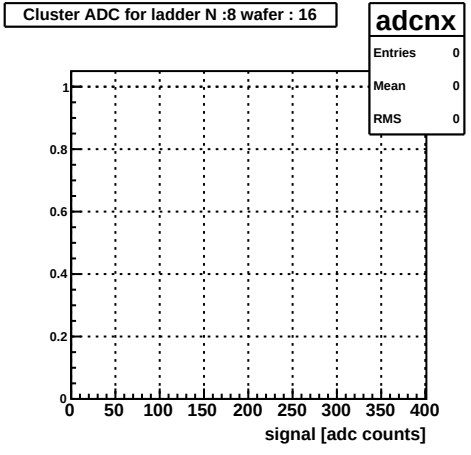

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

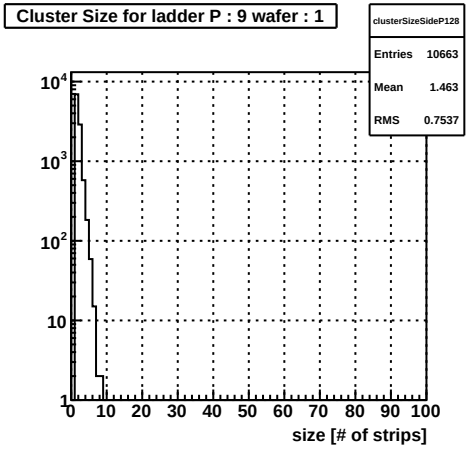

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

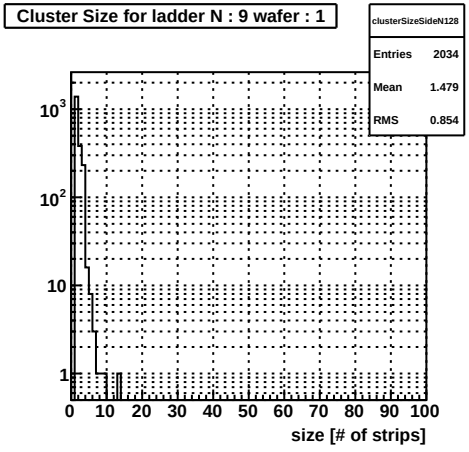

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

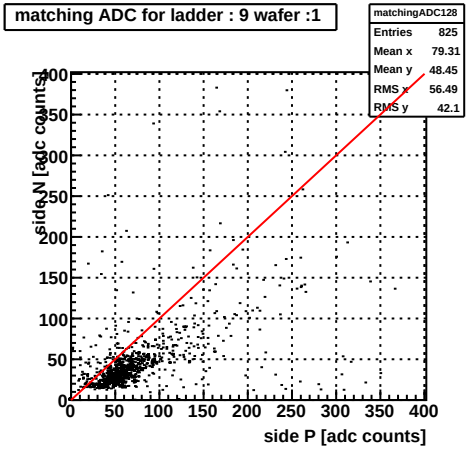

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

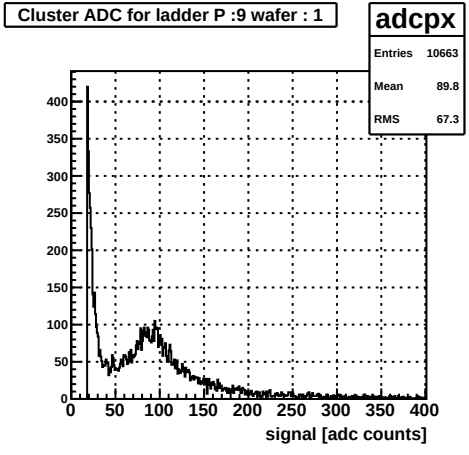

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

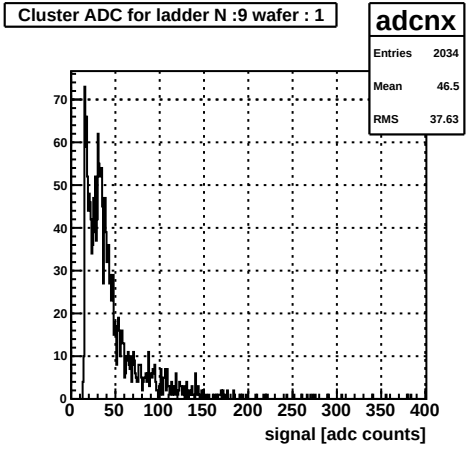

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

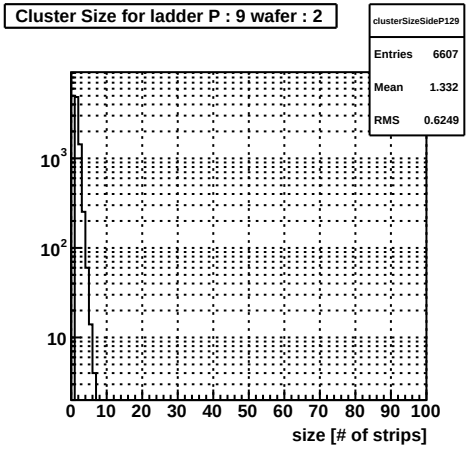

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 10663
Mean 1.463
RMS 0.7537
size [# of strips]

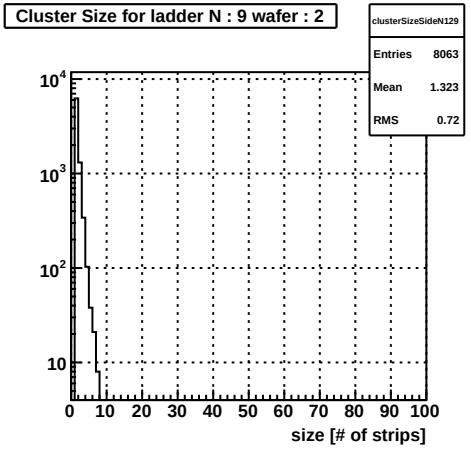

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2034
Mean 1.479
RMS 0.854
size [# of strips]

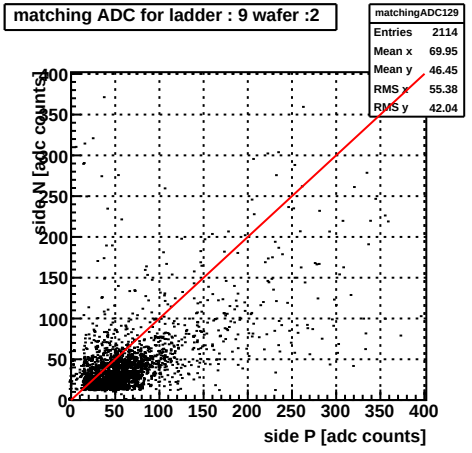

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 825
Mean x 79.31
Mean y 48.45
RMS x 56.49
RMS y 42.1
side N [adc counts]
side P [adc counts]

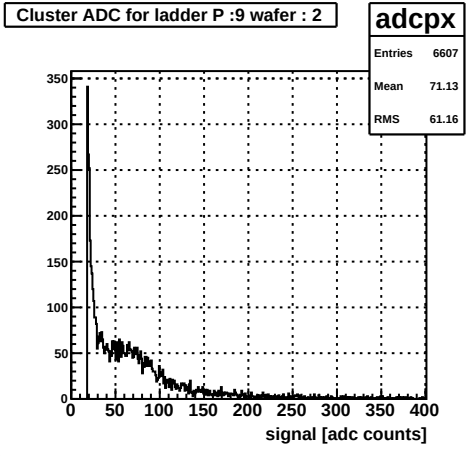

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 10663
Mean 89.8
RMS 67.3
signal [adc counts]

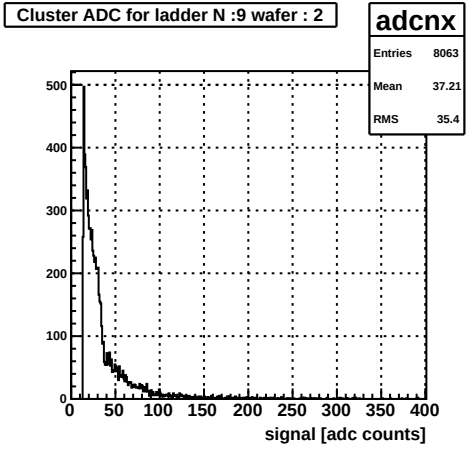

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2034
Mean 46.5
RMS 37.63
signal [adc counts]

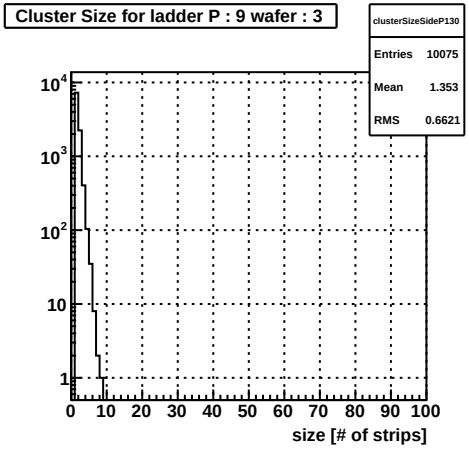

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 6607
Mean 1.332
RMS 0.6249
size [# of strips]

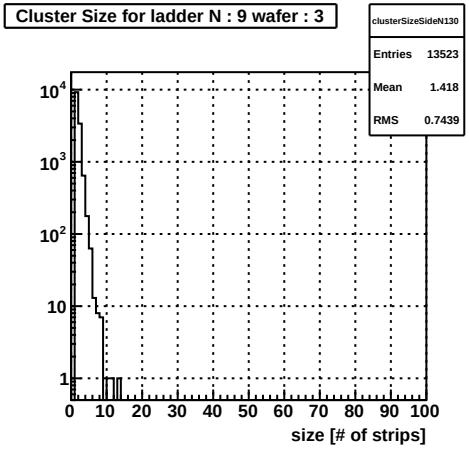

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 8063
Mean 1.323
RMS 0.72
size [# of strips]

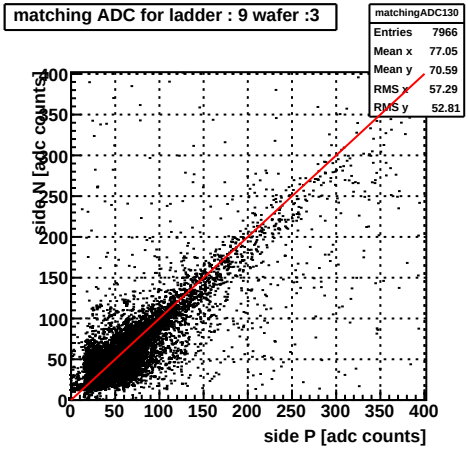

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2114
Mean x 69.95
Mean y 46.45
RMS x 55.38
RMS y 42.04
side N [adc counts]
side P [adc counts]

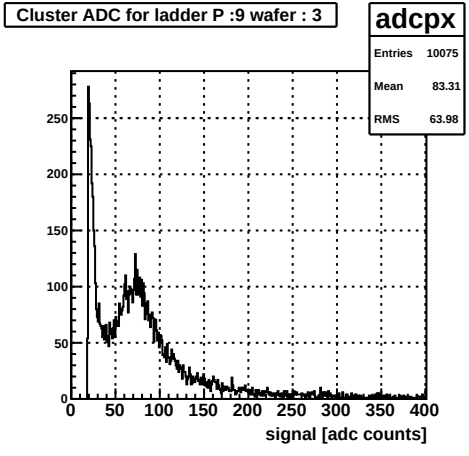

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 6607
Mean 71.13
RMS 61.16
signal [adc counts]

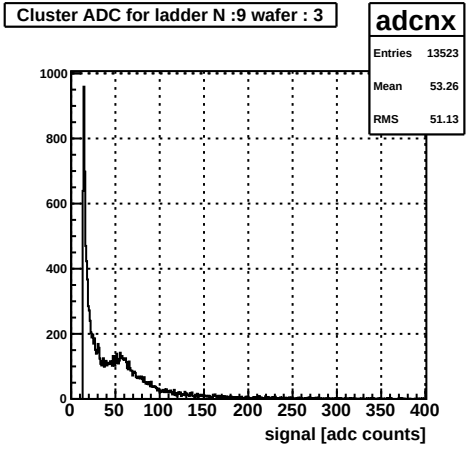

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 8063
Mean 37.21
RMS 35.4
signal [adc counts]

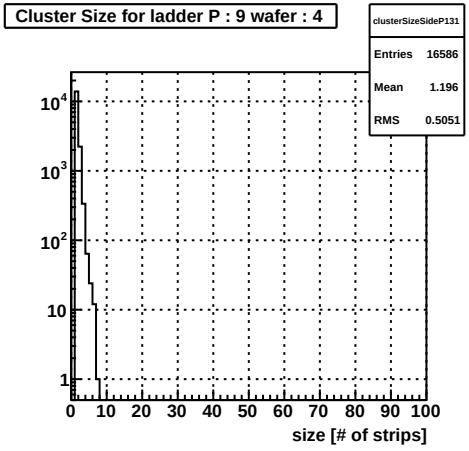

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 10075
Mean 1.353
RMS 0.6621
size [# of strips]

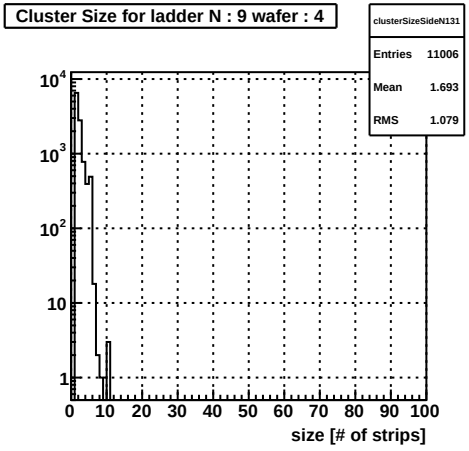

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 13523
Mean 1.418
RMS 0.7439
size [# of strips]

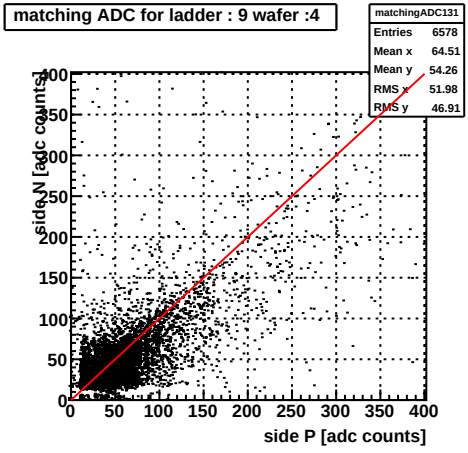

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 7966
Mean x 77.05
Mean y 70.59
RMS x 57.29
RMS y 52.81
side N [adc counts]
side P [adc counts]

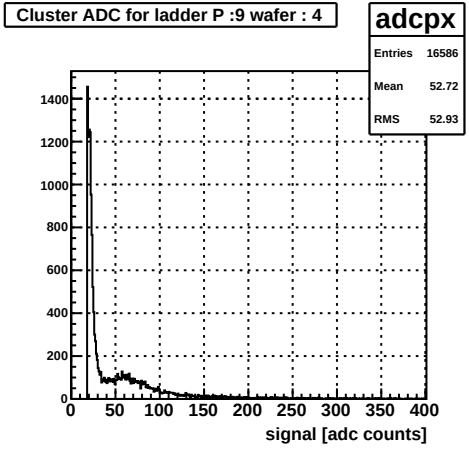

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 10075
Mean 83.31
RMS 63.98
signal [adc counts]

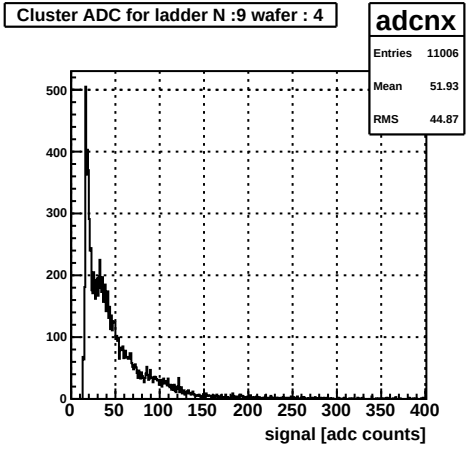

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 13523
Mean 53.26
RMS 51.13
signal [adc counts]

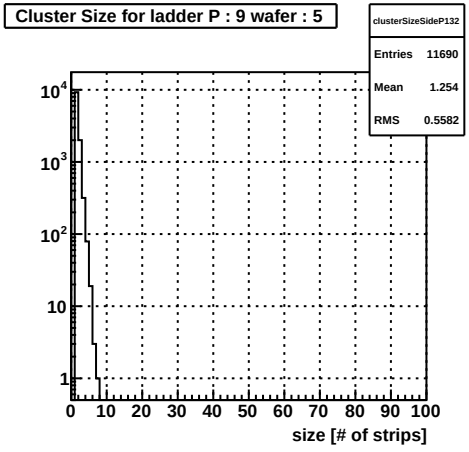

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 16586
Mean 1.196
RMS 0.5051
size [# of strips]

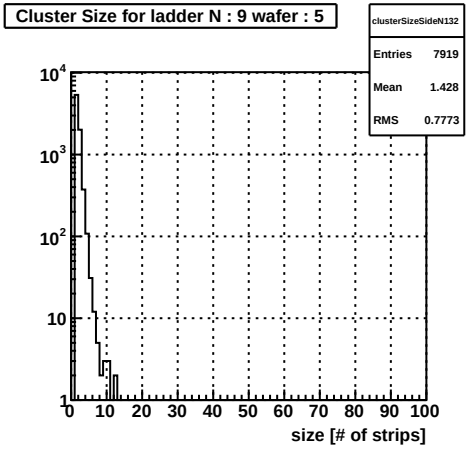

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 11006
Mean 1.693
RMS 1.079
size [# of strips]

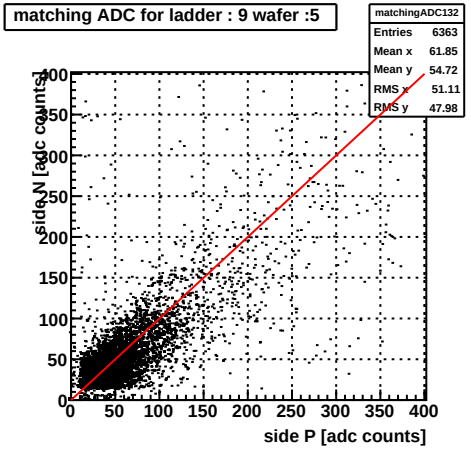

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 6578
Mean x 64.51
Mean y 54.26
RMS x 51.98
RMS y 46.91
side N [adc counts]
side P [adc counts]

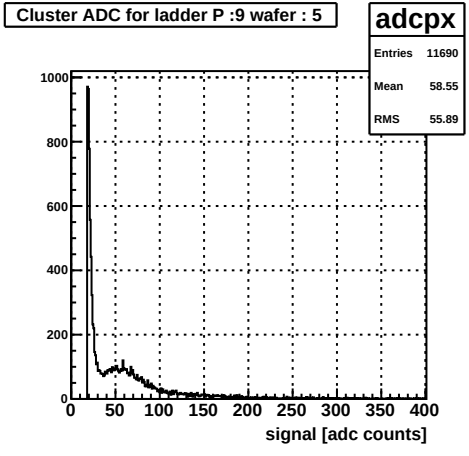

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 16586
Mean 52.72
RMS 52.93
signal [adc counts]

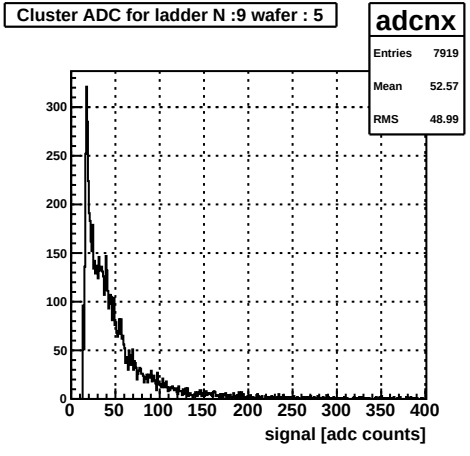

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 11006
Mean 51.93
RMS 44.87
signal [adc counts]

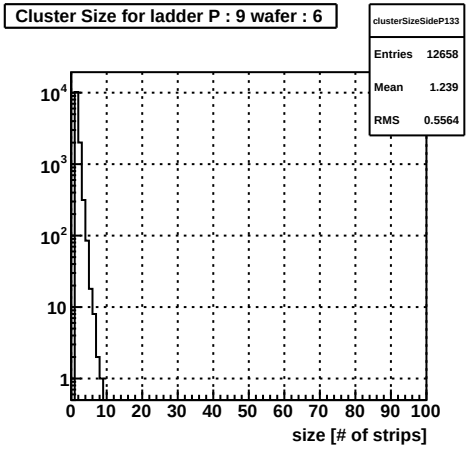

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 11690
Mean 1.254
RMS 0.5582
size [# of strips]

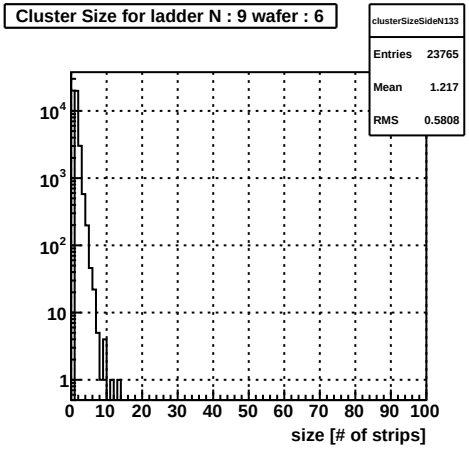

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 7919
Mean 1.428
RMS 0.7773
size [# of strips]

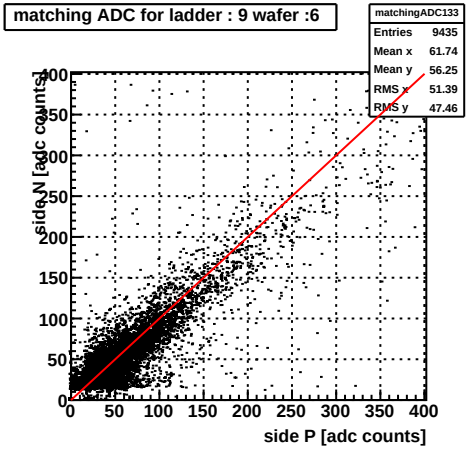

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6363
Mean x 61.85
Mean y 54.72
RMS x 51.11
RMS y 47.98
side N [adc counts]
side P [adc counts]

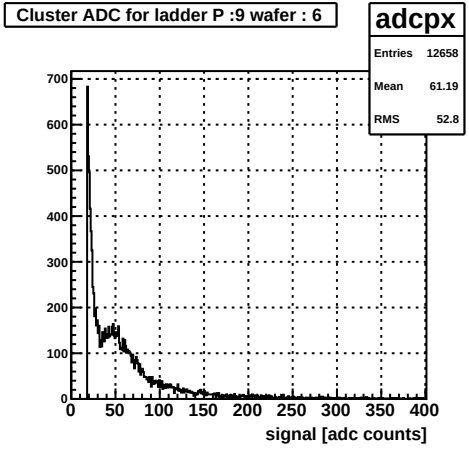

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 11690
Mean 58.55
RMS 55.89
signal [adc counts]

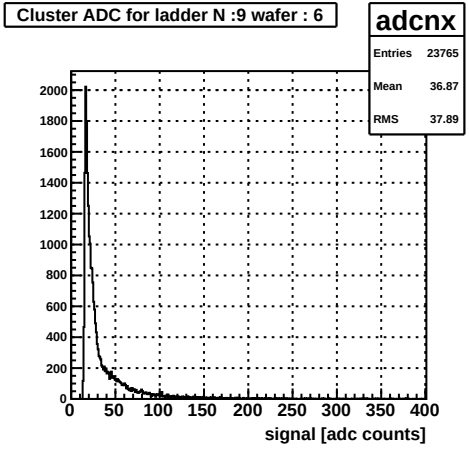

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 7919
Mean 52.57
RMS 48.99
signal [adc counts]

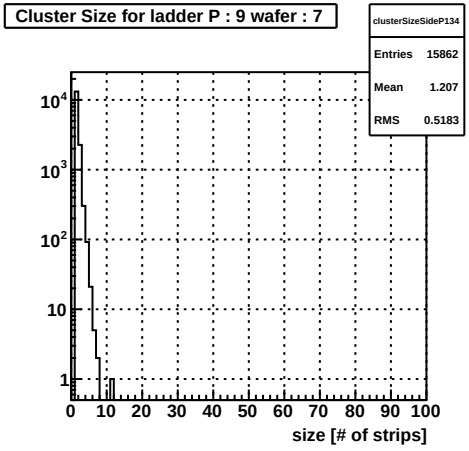

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 12658
Mean 1.239
RMS 0.5564
size [# of strips]

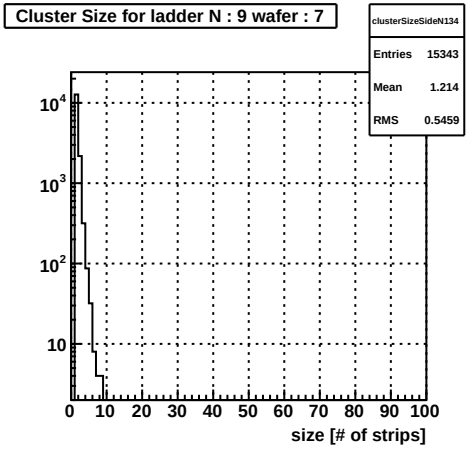

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 23765
Mean 1.217
RMS 0.5808
size [# of strips]

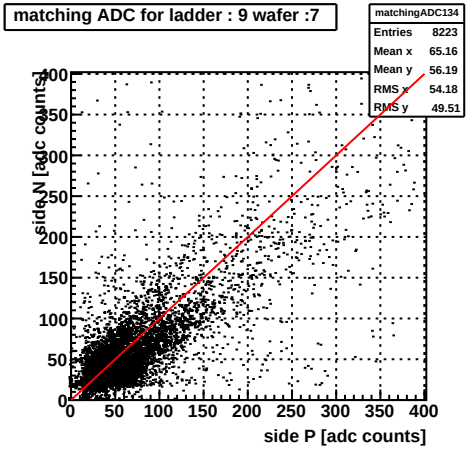

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 9435
Mean x 61.74
Mean y 56.25
RMS x 51.39
RMS y 47.46
side N [adc counts]
side P [adc counts]

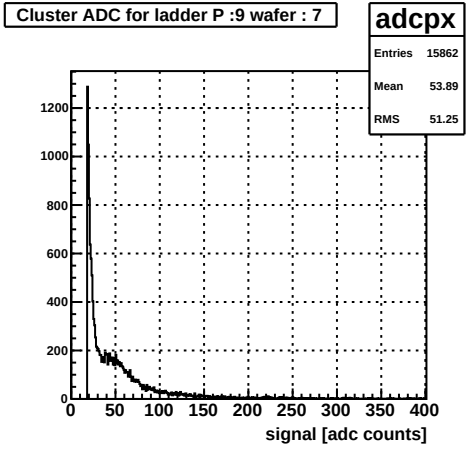

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 12658
Mean 61.19
RMS 52.8
signal [adc counts]

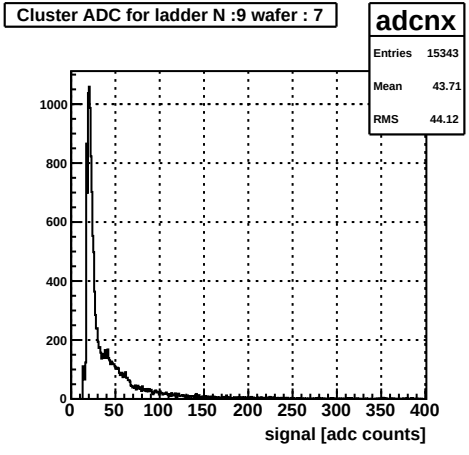

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 23765
Mean 36.87
RMS 37.89
signal [adc counts]

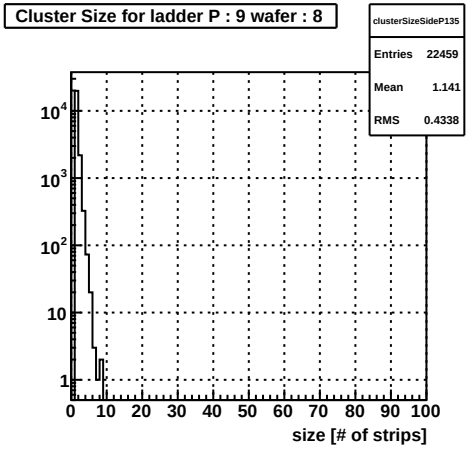

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 15862
Mean 1.207
RMS 0.5183
size [# of strips]

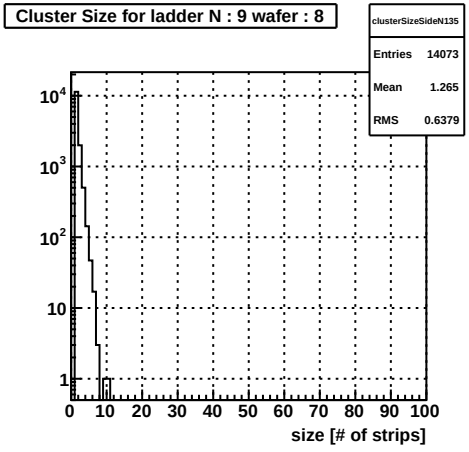

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 15343
Mean 1.214
RMS 0.5459
size [# of strips]

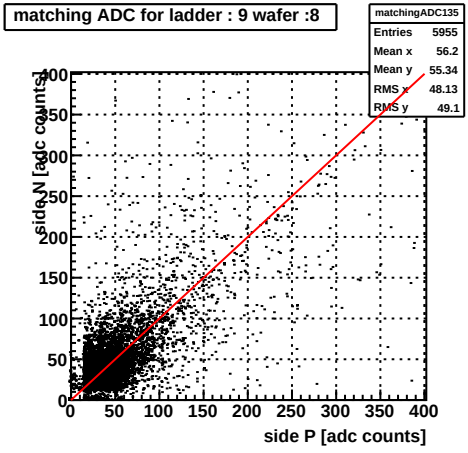

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 8223
Mean x 65.16
Mean y 56.19
RMS x 54.18
RMS y 49.51
side N [adc counts]
side P [adc counts]

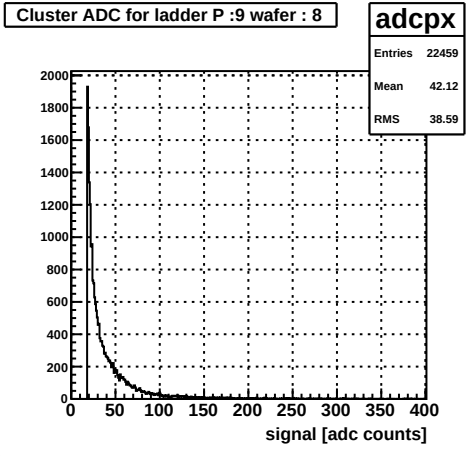

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 15862
Mean 53.89
RMS 51.25
signal [adc counts]

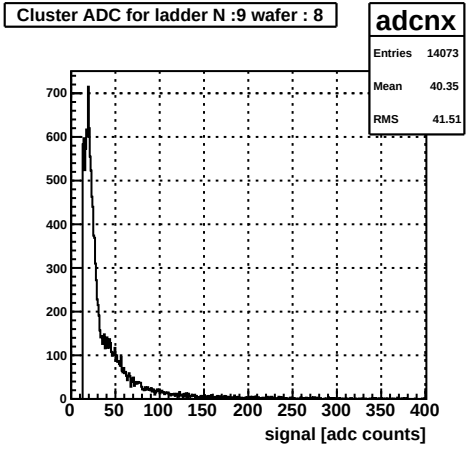

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 15343
Mean 43.71
RMS 44.12
signal [adc counts]

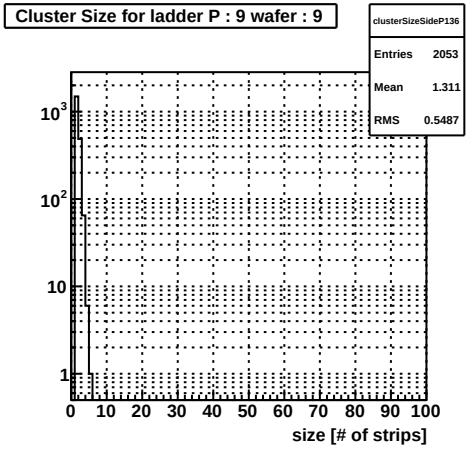

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 22459
Mean 1.141
RMS 0.4338
size [# of strips]

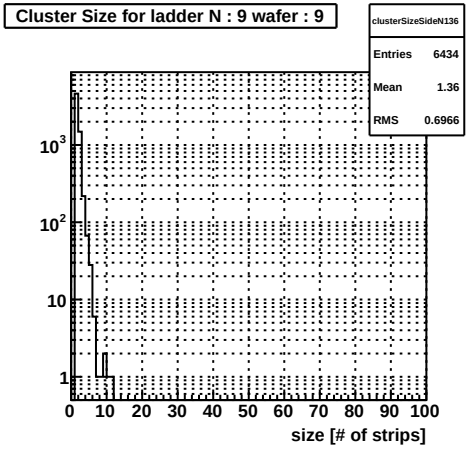

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 14073
Mean 1.265
RMS 0.6379
size [# of strips]

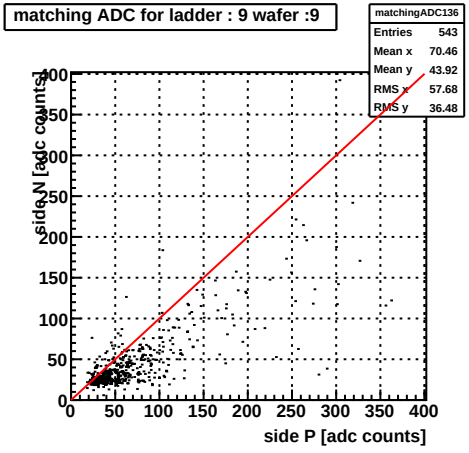

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 5955
Mean x 56.2
Mean y 55.34
RMS x 48.13
RMS y 49.1
side N [adc counts]
side P [adc counts]

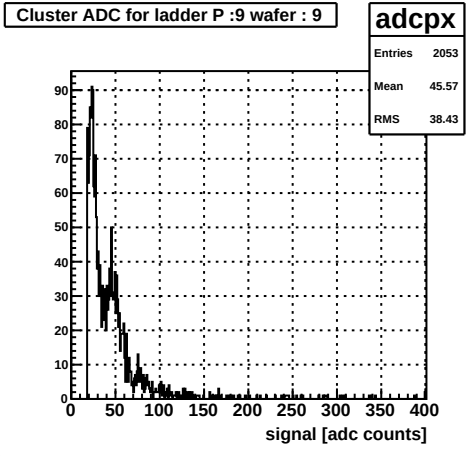

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 22459
Mean 42.12
RMS 38.59
signal [adc counts]

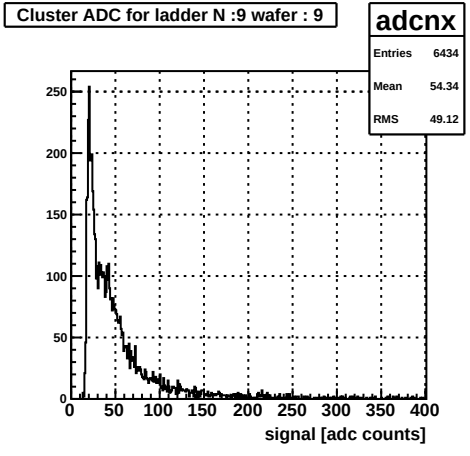

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 14073
Mean 40.35
RMS 41.51
signal [adc counts]

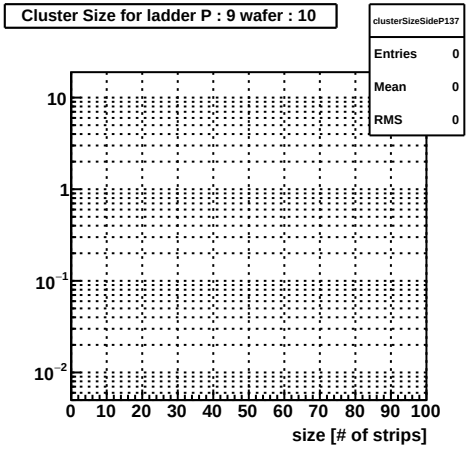

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2053
Mean 1.311
RMS 0.5487
size [# of strips]

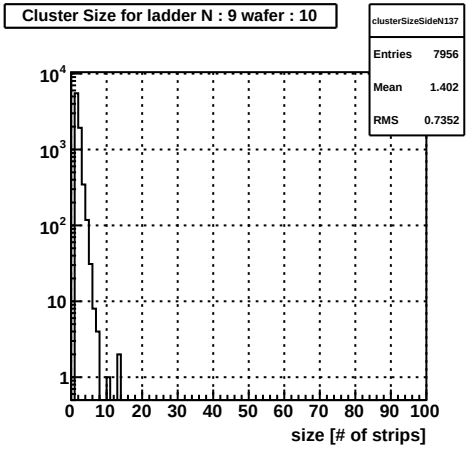

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 6434
Mean 1.36
RMS 0.6966
size [# of strips]

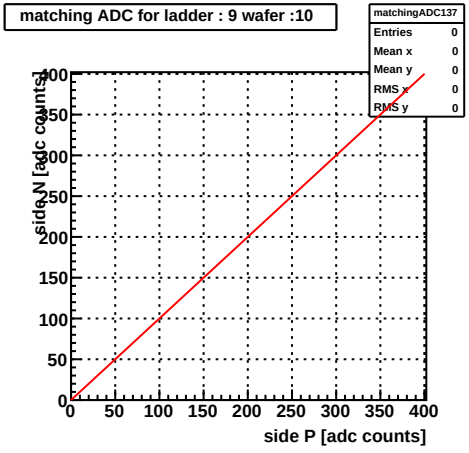

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 543
Mean x 70.46
Mean y 43.92
RMS x 57.68
RMS y 36.48
side N [adc counts]
side P [adc counts]

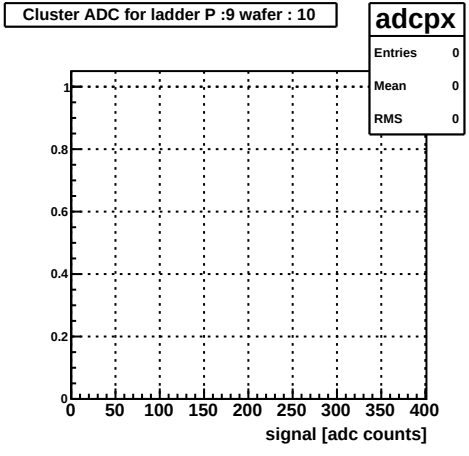

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2053
Mean 45.57
RMS 38.43
signal [adc counts]

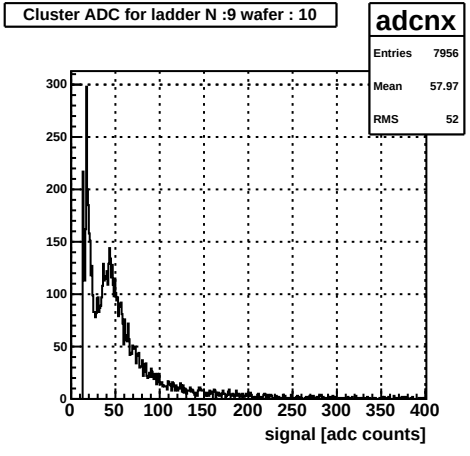

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 6434
Mean 54.34
RMS 49.12
signal [adc counts]

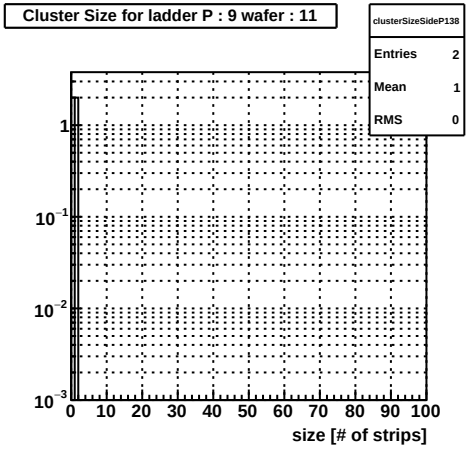

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

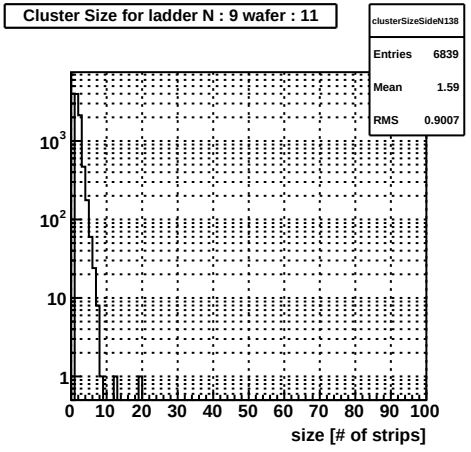

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 7956
Mean 1.402
RMS 0.7352
size [# of strips]

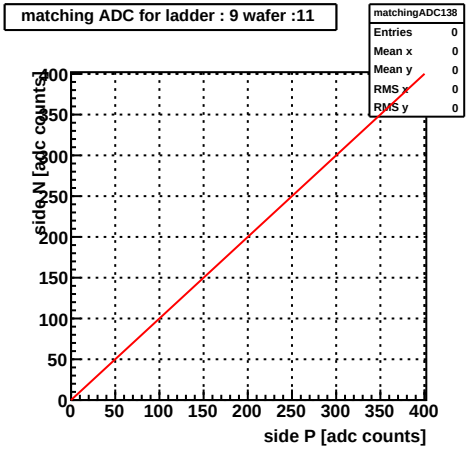

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

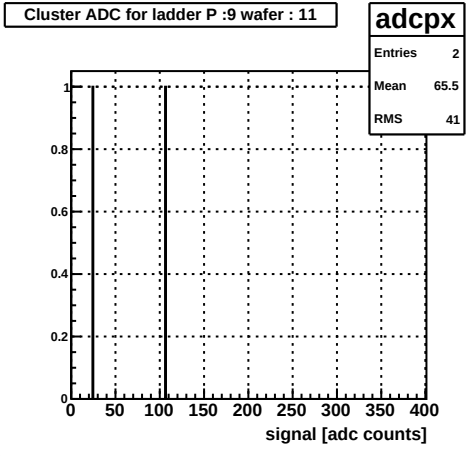

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

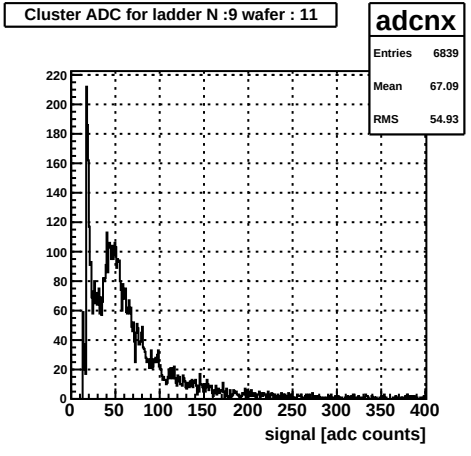

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 7956
Mean 57.97
RMS 52
signal [adc counts]

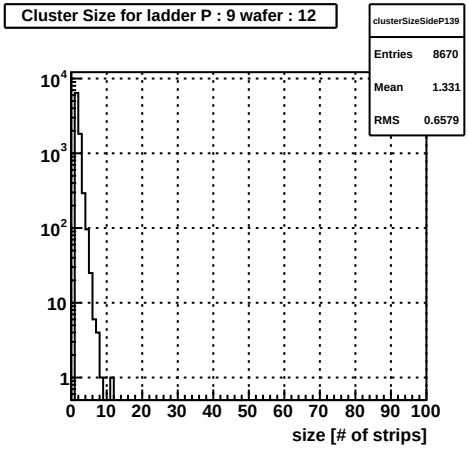

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 1
RMS 0
size [# of strips]

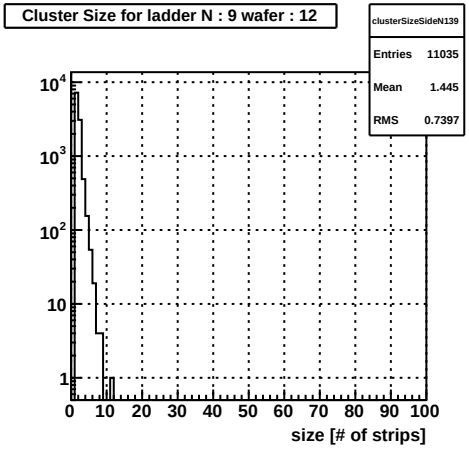

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 6839
Mean 1.59
RMS 0.9007
size [# of strips]

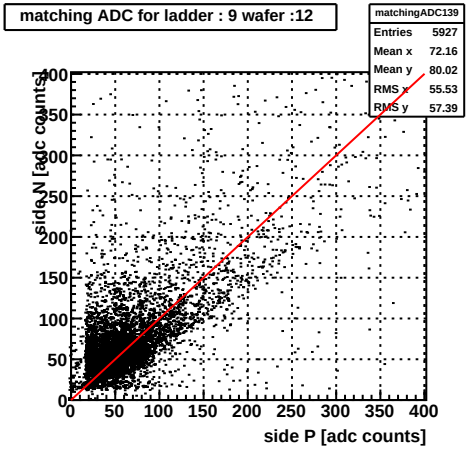

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

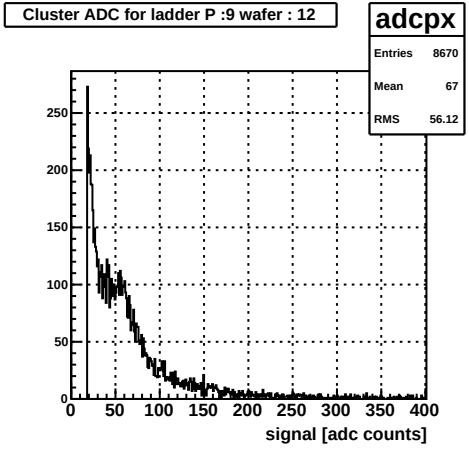

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 65.5
RMS 41
signal [adc counts]

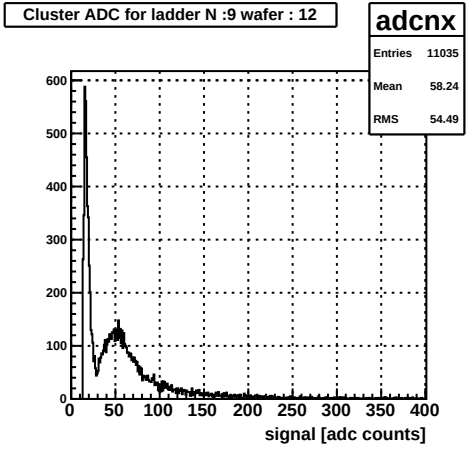

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 6839
Mean 67.09
RMS 54.93
signal [adc counts]

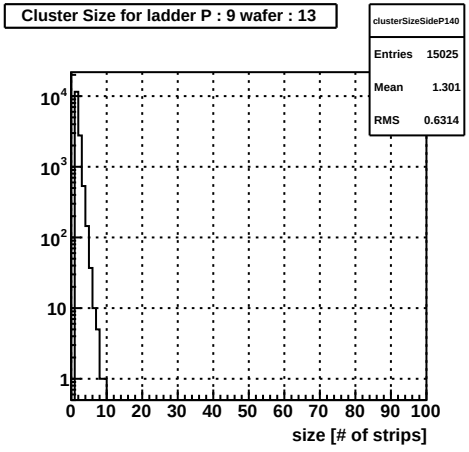

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 8670
Mean 1.331
RMS 0.6579
size [# of strips]

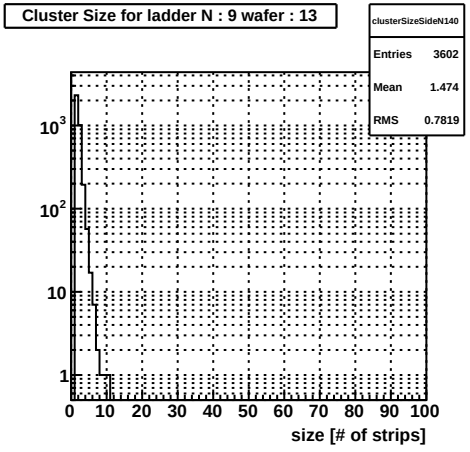

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 11035
Mean 1.445
RMS 0.7397
size [# of strips]

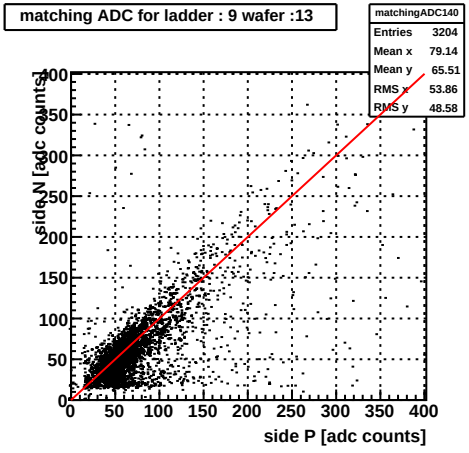

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 5927
Mean x 72.16
Mean y 80.02
RMS x 55.53
RMS y 57.39
side N [adc counts]
side P [adc counts]

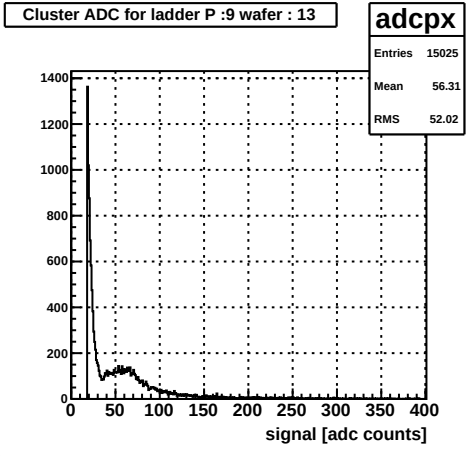

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 8670
Mean 67
RMS 56.12
signal [adc counts]

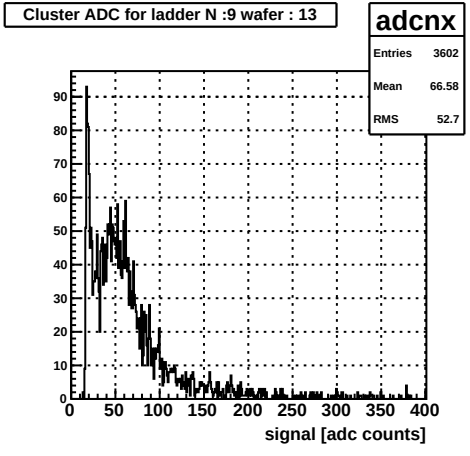

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 11035
Mean 58.24
RMS 54.49
signal [adc counts]

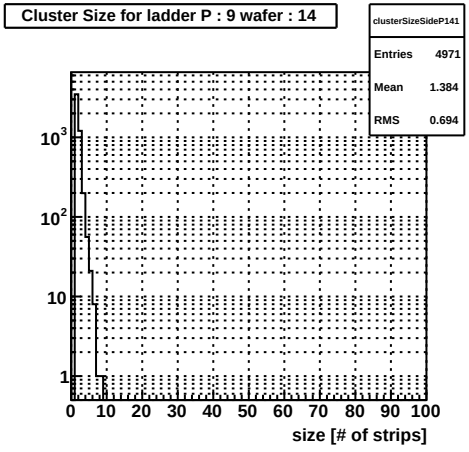

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 15025
Mean 1.301
RMS 0.6314
size [# of strips]

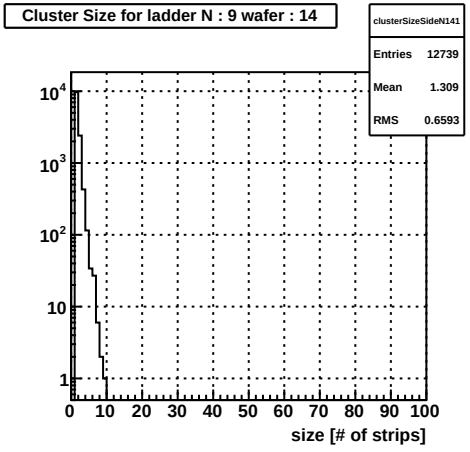

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 3602
Mean 1.474
RMS 0.7819
size [# of strips]

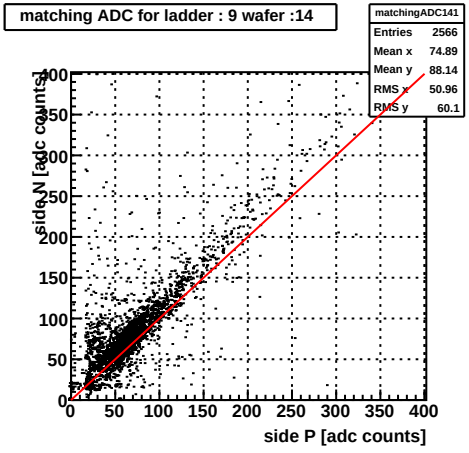

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 3204
Mean x 79.14
Mean y 65.51
RMS x 53.86
RMS y 48.58
side N [adc counts]
side P [adc counts]

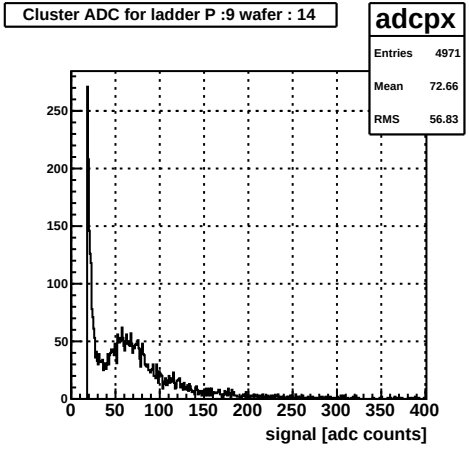

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 15025
Mean 56.31
RMS 52.02
signal [adc counts]

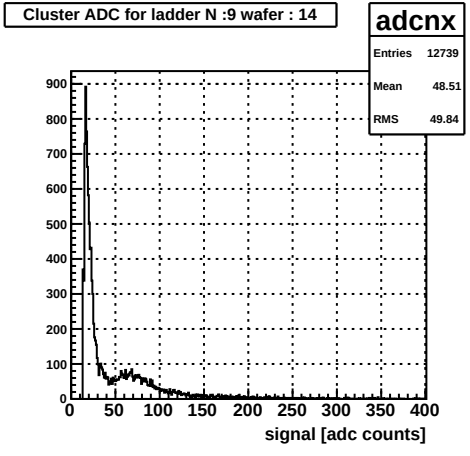

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 3602
Mean 66.58
RMS 52.7
signal [adc counts]

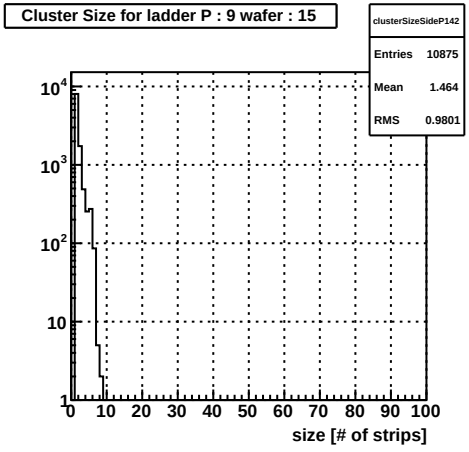

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 4971
Mean 1.384
RMS 0.694
size [# of strips]

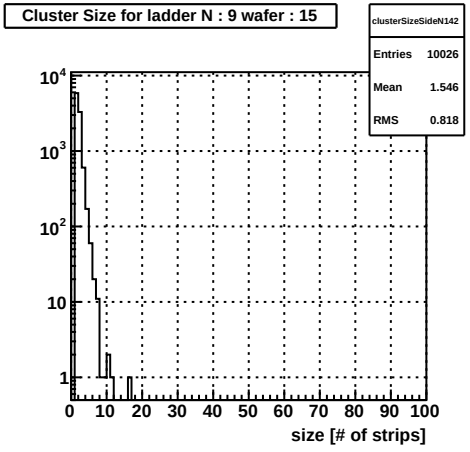

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 12739
Mean 1.309
RMS 0.6593
size [# of strips]

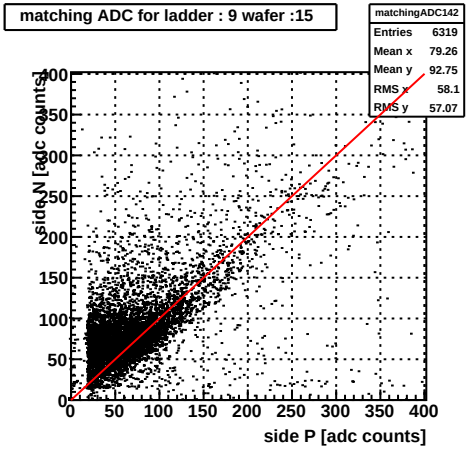

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 2566
Mean x 74.89
Mean y 88.14
RMS x 50.96
RMS y 60.1
side N [adc counts]
side P [adc counts]

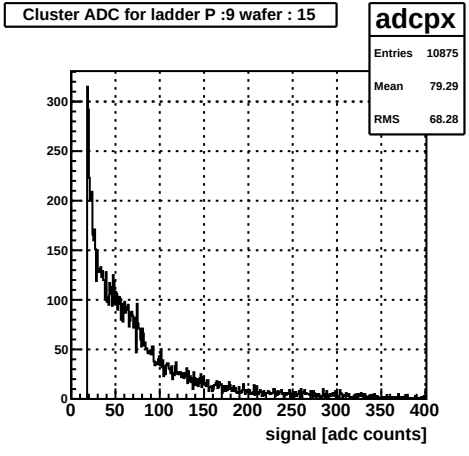

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 4971
Mean 72.66
RMS 56.83
signal [adc counts]

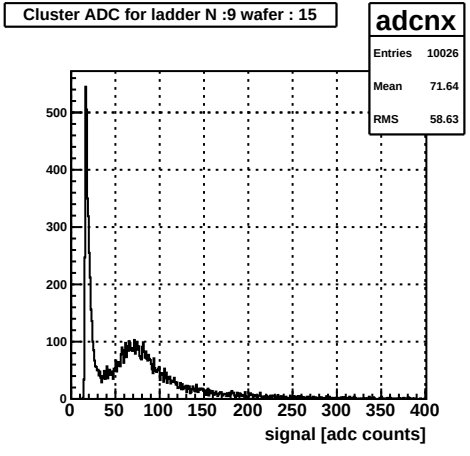

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 12739
Mean 48.51
RMS 49.84
signal [adc counts]

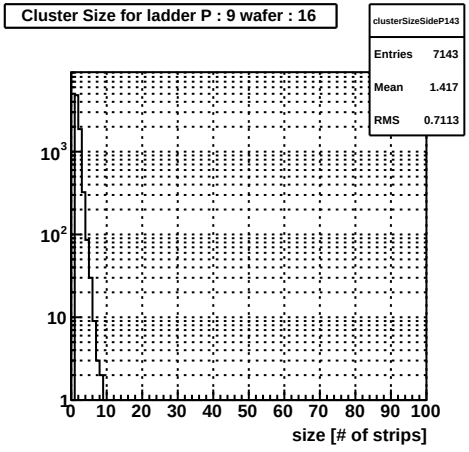

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 10875
Mean 1.464
RMS 0.9801
size [# of strips]

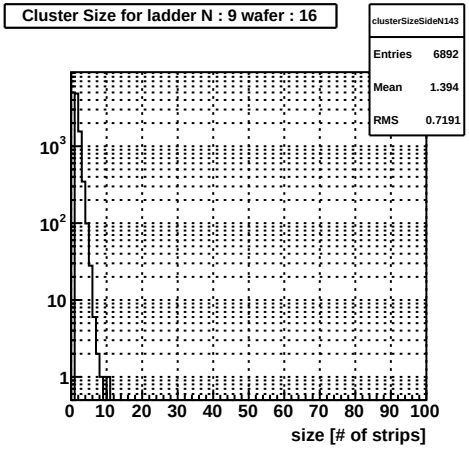

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 10026
Mean 1.546
RMS 0.818
size [# of strips]

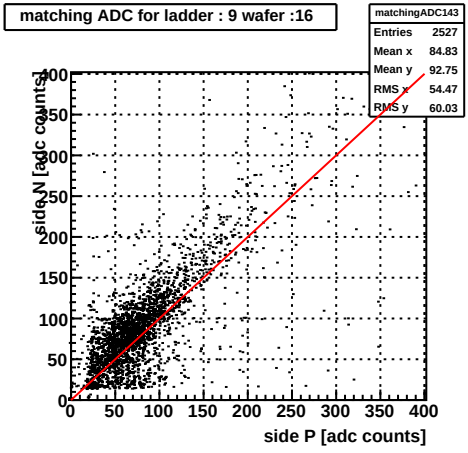

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 6319
Mean x 79.26
Mean y 92.75
RMS x 58.1
RMS y 57.07
side N [adc counts]
side P [adc counts]

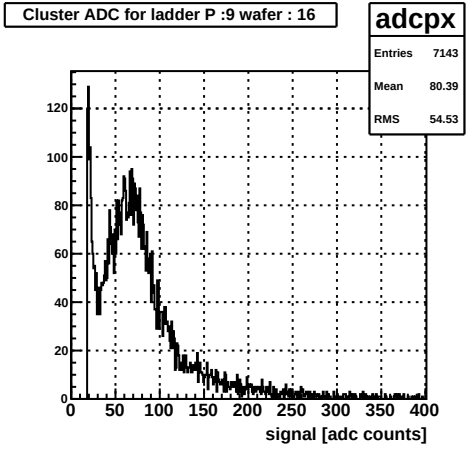

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 10875
Mean 79.29
RMS 68.28
signal [adc counts]

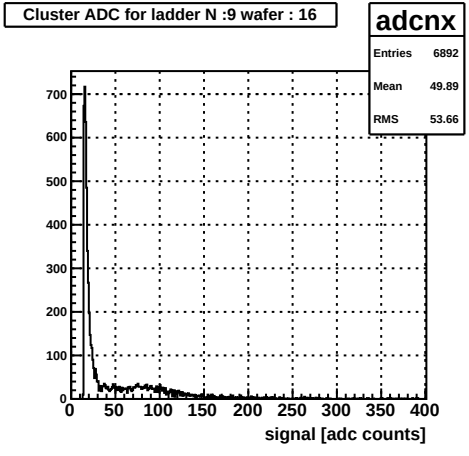

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 10026
Mean 71.64
RMS 58.63
signal [adc counts]

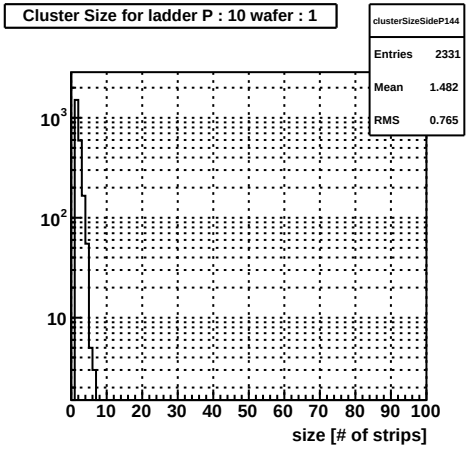

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 7143
Mean 1.417
RMS 0.7113
size [# of strips]

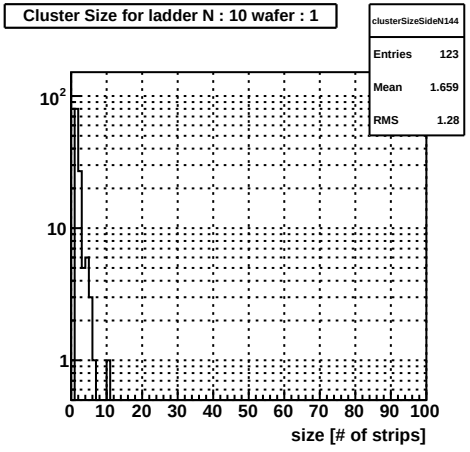

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 6892
Mean 1.394
RMS 0.7191
size [# of strips]

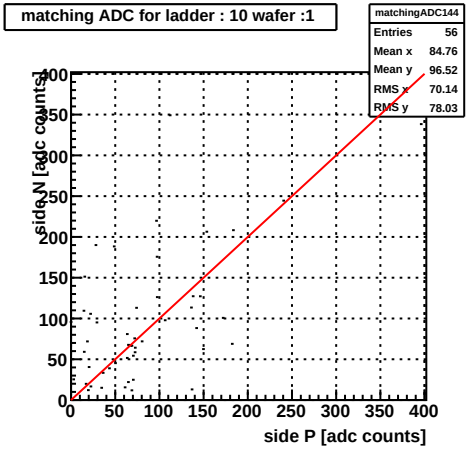

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2527
Mean x 84.83
Mean y 92.75
RMS x 54.47
RMS y 60.03
side N [adc counts]
side P [adc counts]

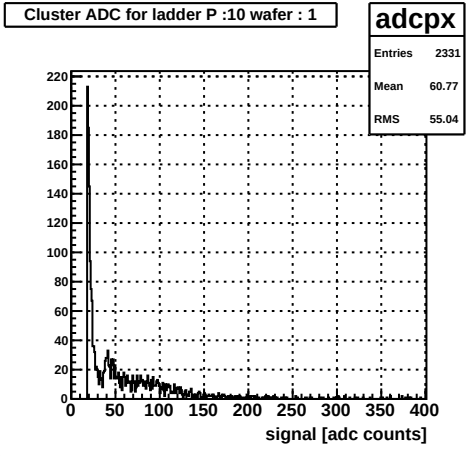

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 7143
Mean 80.39
RMS 54.53
signal [adc counts]

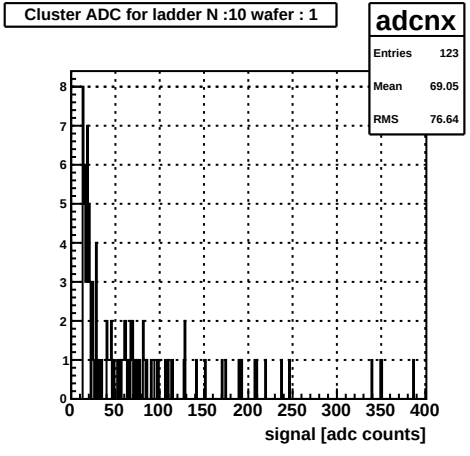

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 6892
Mean 49.89
RMS 53.66
signal [adc counts]

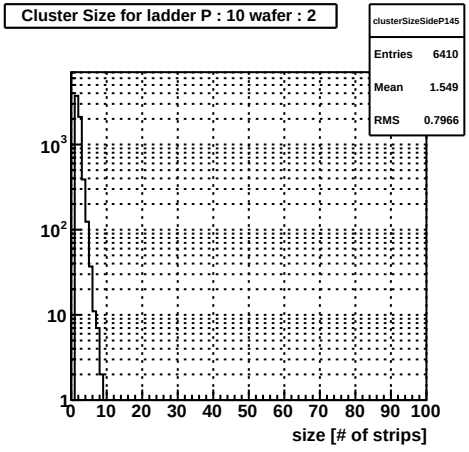

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 2331
Mean 1.482
RMS 0.765
size [# of strips]

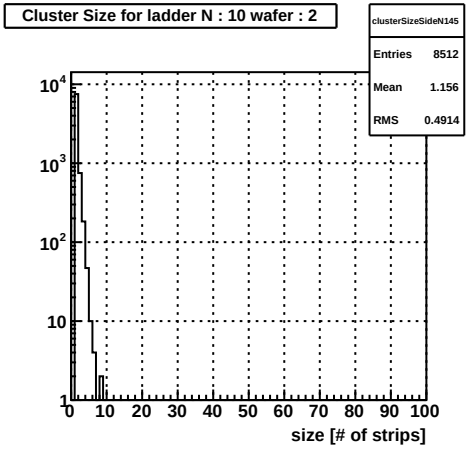

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 123
Mean 1.659
RMS 1.28
size [# of strips]

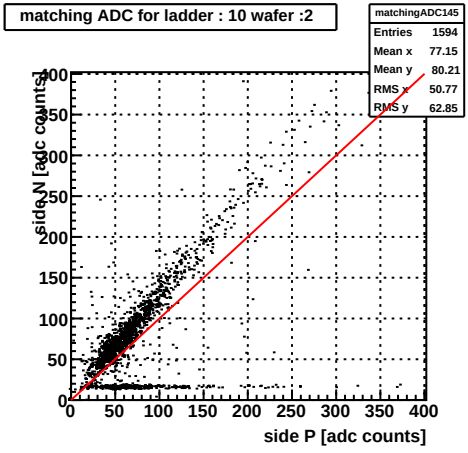

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 56
Mean x 84.76
Mean y 96.52
RMS x 70.14
RMS y 78.03
side N [adc counts]
side P [adc counts]

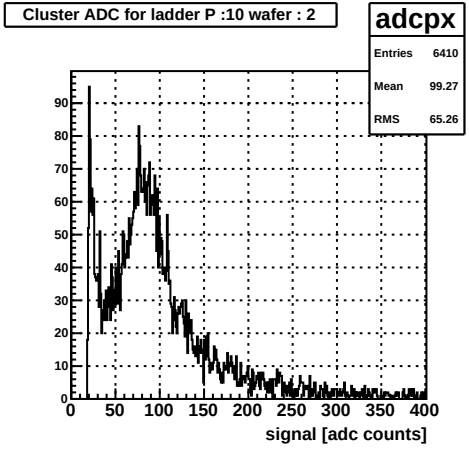

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 2331
Mean 60.77
RMS 55.04
signal [adc counts]

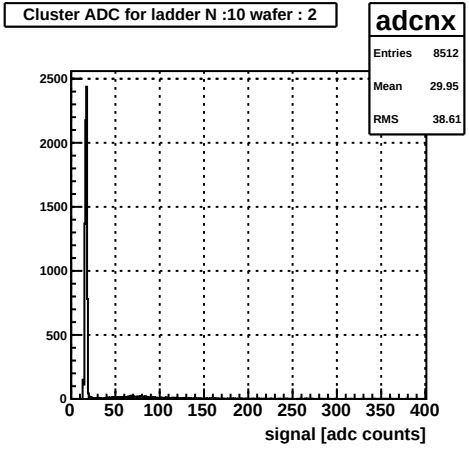

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 123
Mean 69.05
RMS 76.64
signal [adc counts]

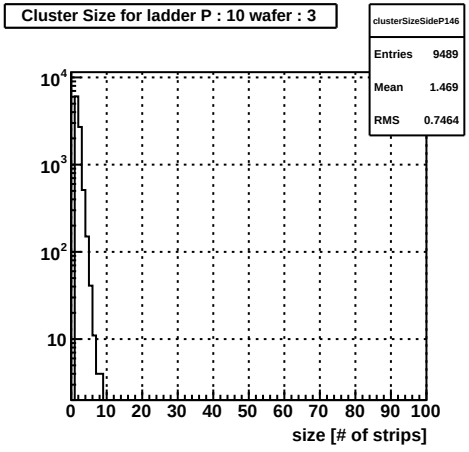

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 6410
Mean 1.549
RMS 0.7966
size [# of strips]

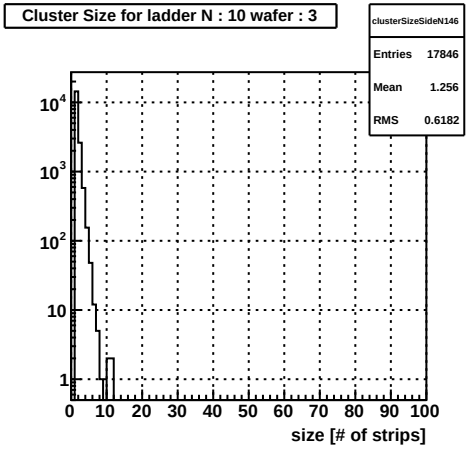

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 8512
Mean 1.156
RMS 0.4914
size [# of strips]

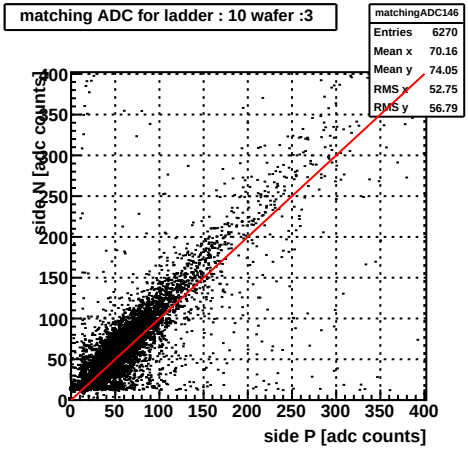

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 1594
Mean x 77.15
Mean y 80.21
RMS x 50.77
RMS y 62.85
side N [adc counts]
side P [adc counts]

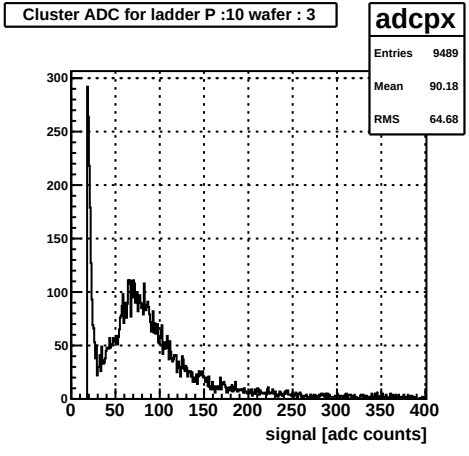

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 6410
Mean 99.27
RMS 65.26
signal [adc counts]

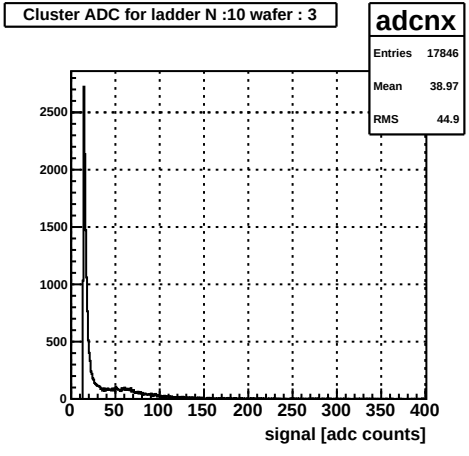

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 8512
Mean 29.95
RMS 38.61
signal [adc counts]

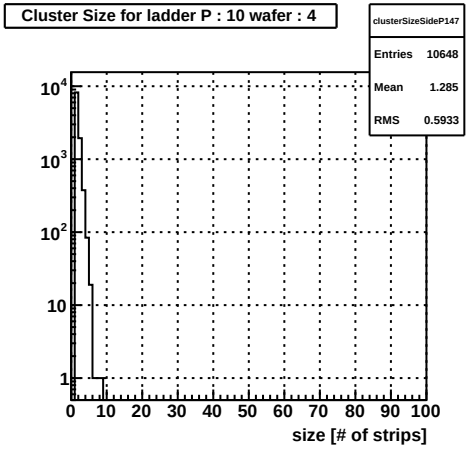

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 9489
Mean 1.469
RMS 0.7464
size [# of strips]

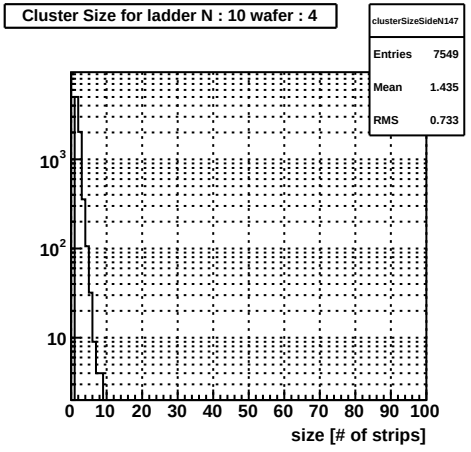

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 17846
Mean 1.256
RMS 0.6182
size [# of strips]

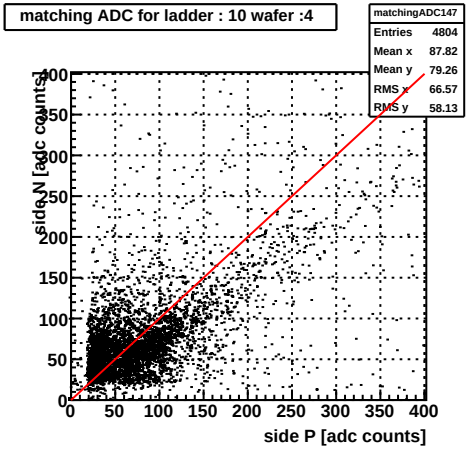

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 6270
Mean x 70.16
Mean y 74.05
RMS x 52.75
RMS y 56.79
side N [adc counts]
side P [adc counts]

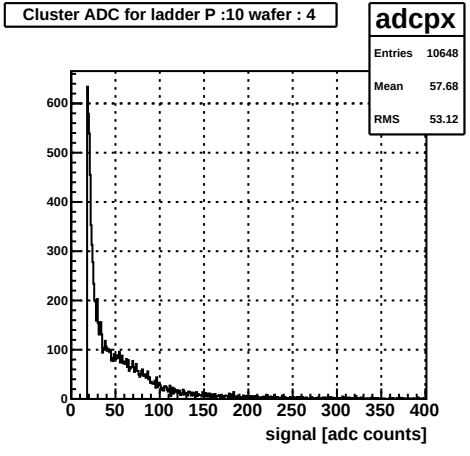

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 9489
Mean 90.18
RMS 64.68
signal [adc counts]

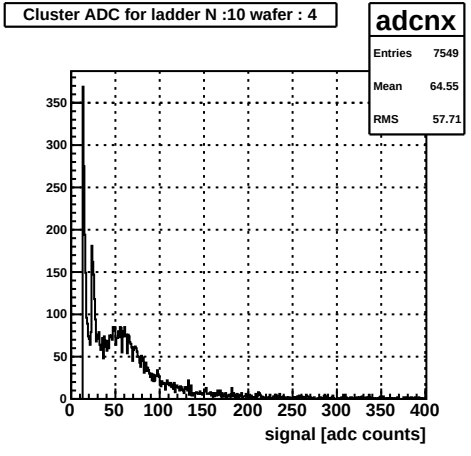

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 17846
Mean 38.97
RMS 44.9
signal [adc counts]

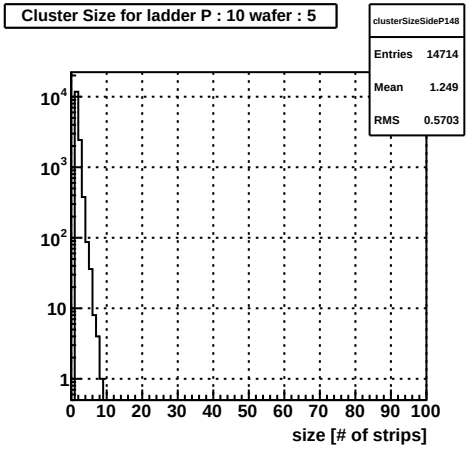

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 10648
Mean 1.285
RMS 0.5933
size [# of strips]

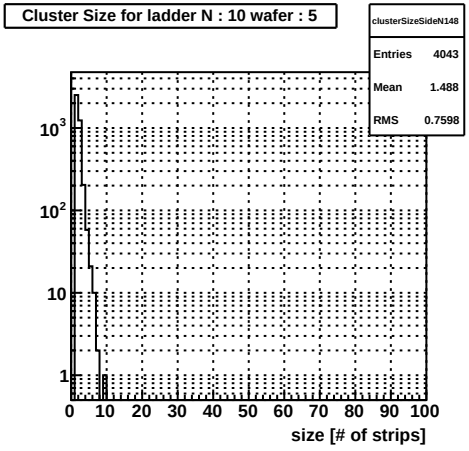

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 7549
Mean 1.435
RMS 0.733
size [# of strips]

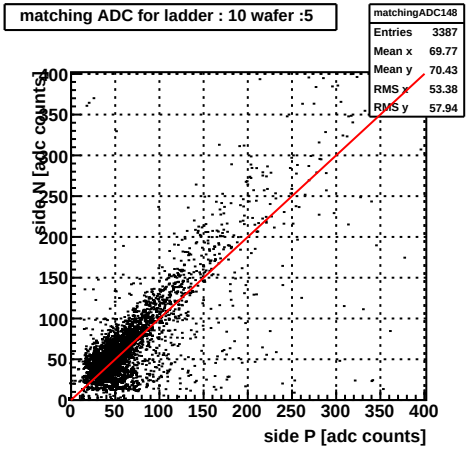

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4804
Mean x 87.82
Mean y 79.26
RMS x 66.57
RMS y 58.13
side N [adc counts]
side P [adc counts]

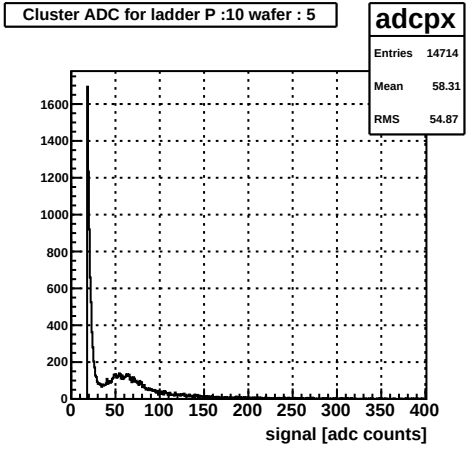

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 10648
Mean 57.68
RMS 53.12
signal [adc counts]

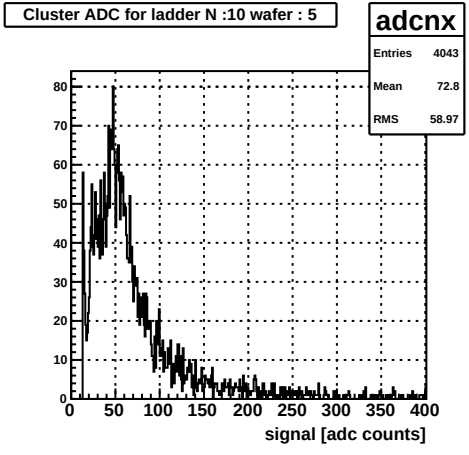

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 7549
Mean 64.55
RMS 57.71
signal [adc counts]

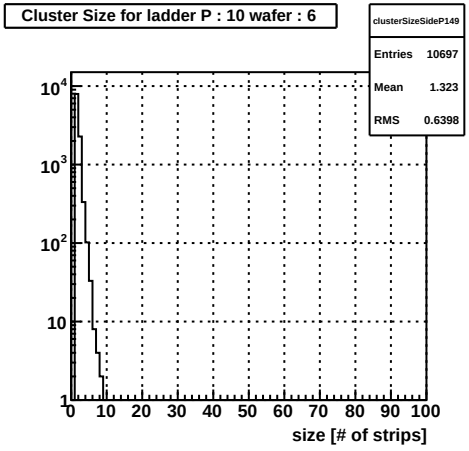

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 14714
Mean 1.249
RMS 0.5703
size [# of strips]

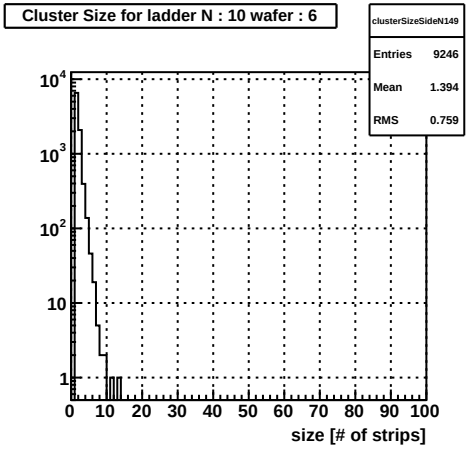

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 4043
Mean 1.488
RMS 0.7598
size [# of strips]

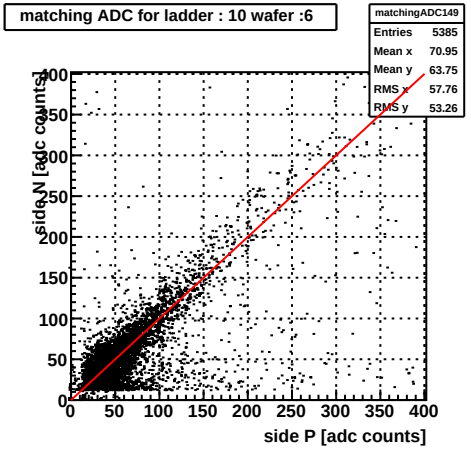

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 3387
Mean x 69.77
Mean y 70.43
RMS x 53.38
RMS y 57.94
side N [adc counts]
side P [adc counts]

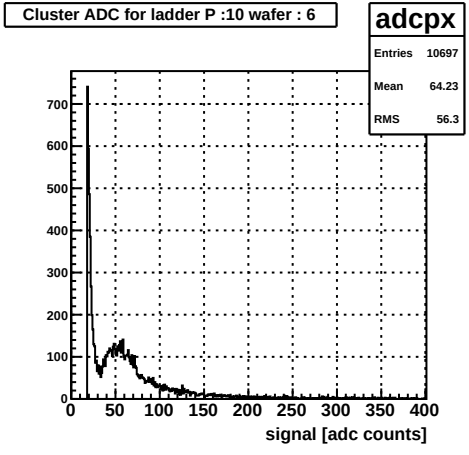

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 14714
Mean 58.31
RMS 54.87
signal [adc counts]

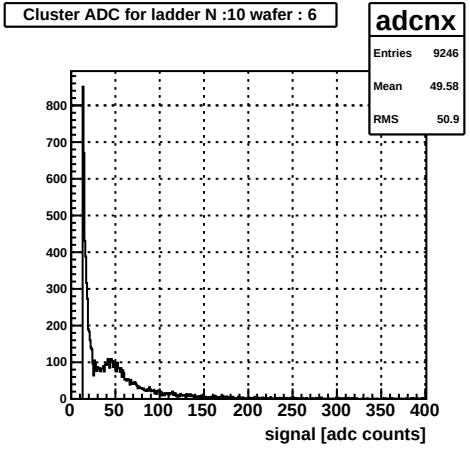

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 4043
Mean 72.8
RMS 58.97
signal [adc counts]

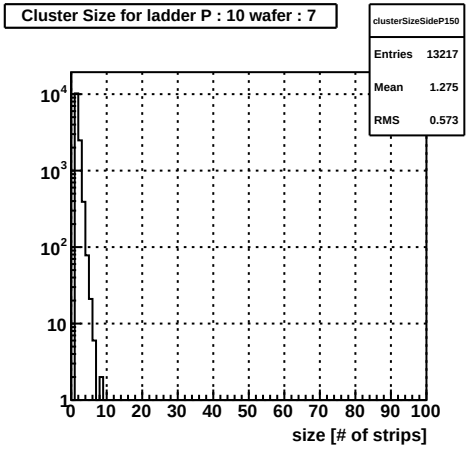

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10697
Mean 1.323
RMS 0.6398
size [# of strips]

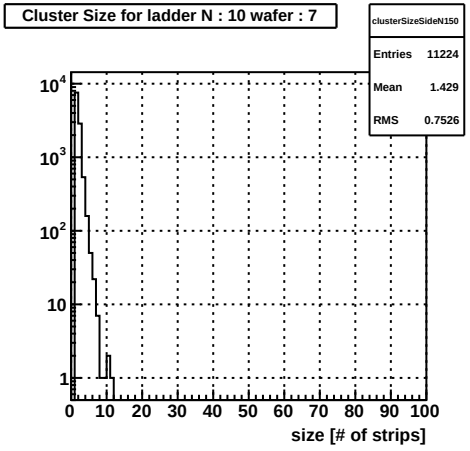

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 9246
Mean 1.394
RMS 0.759
size [# of strips]

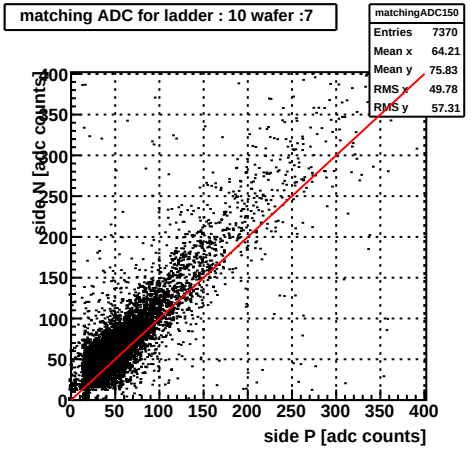

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 5385
Mean x 70.95
Mean y 63.75
RMS x 57.76
RMS y 53.26
side N [adc counts]
side P [adc counts]

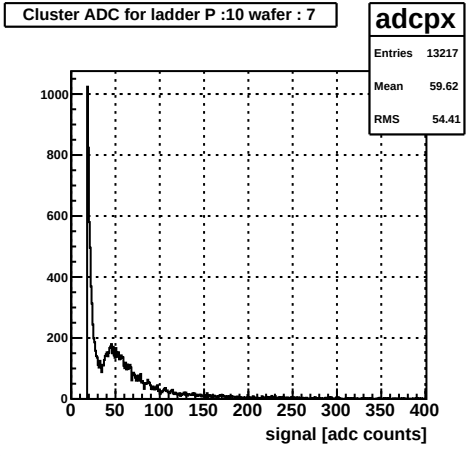

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10697
Mean 64.23
RMS 56.3
signal [adc counts]

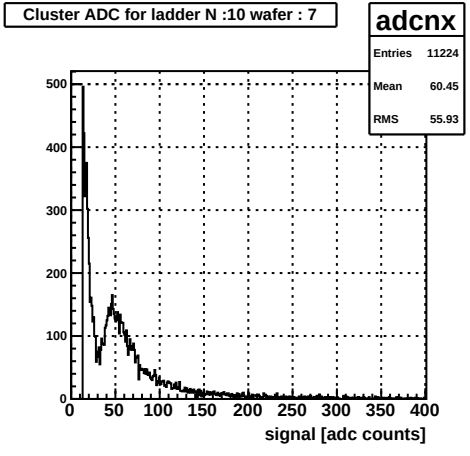

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 9246
Mean 49.58
RMS 50.9
signal [adc counts]

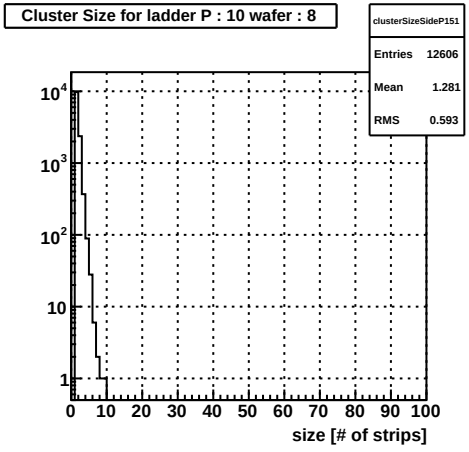

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 13217
Mean 1.275
RMS 0.573
size [# of strips]

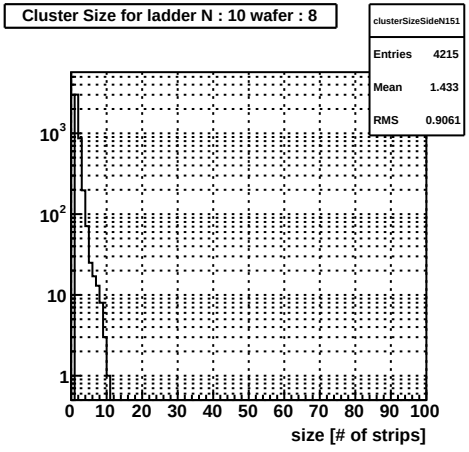

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 11224
Mean 1.429
RMS 0.7526
size [# of strips]

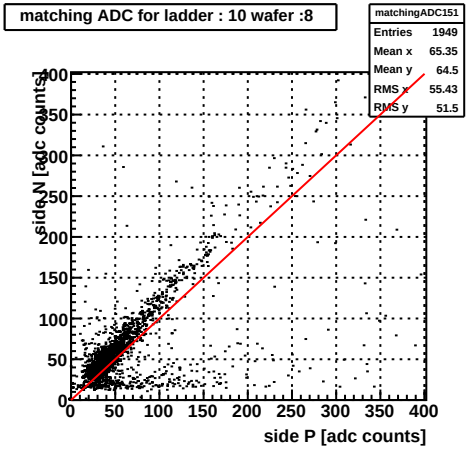

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 7370
Mean x 64.21
Mean y 75.83
RMS x 49.78
RMS y 57.31
side N [adc counts]
side P [adc counts]

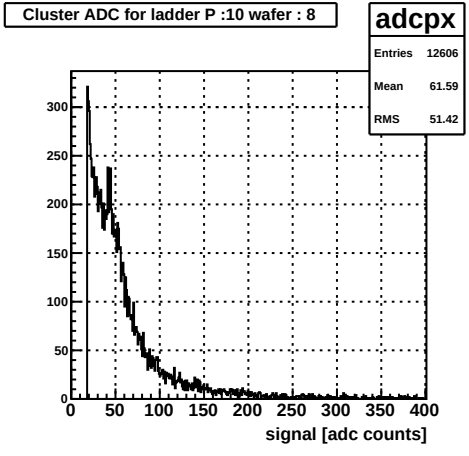

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 13217
Mean 59.62
RMS 54.41
signal [adc counts]

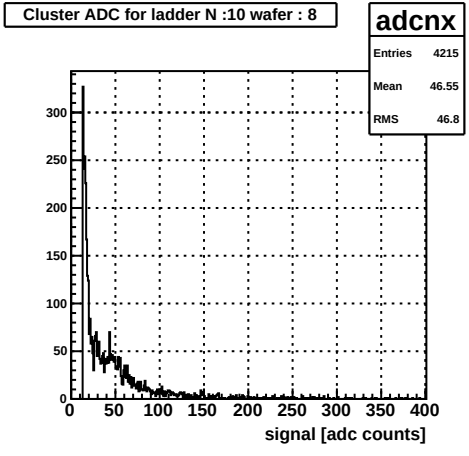

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 11224
Mean 60.45
RMS 55.93
signal [adc counts]

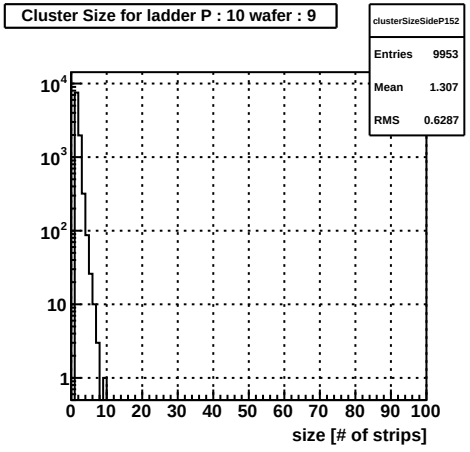

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 12606
Mean 1.281
RMS 0.593
size [# of strips]

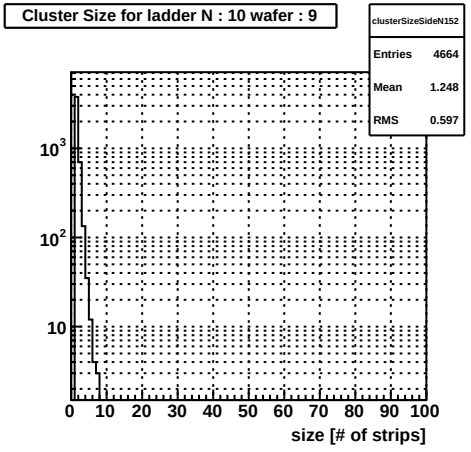

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4215
Mean 1.433
RMS 0.9061
size [# of strips]

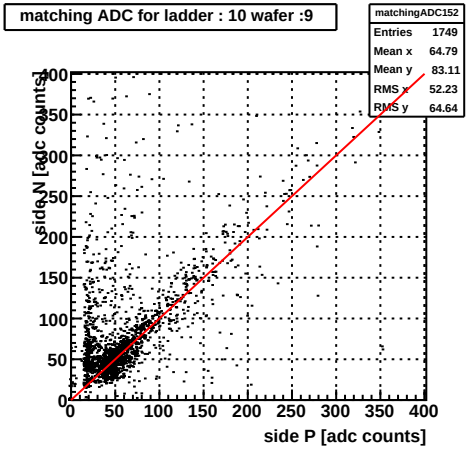

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 1949
Mean x 65.35
Mean y 64.5
RMS x 55.43
RMS y 51.5
side N [adc counts]
side P [adc counts]

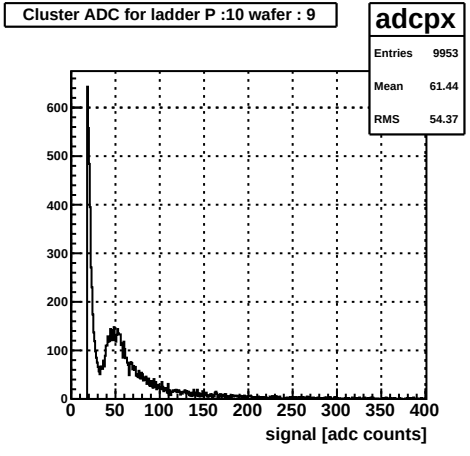

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 12606
Mean 61.59
RMS 51.42
signal [adc counts]

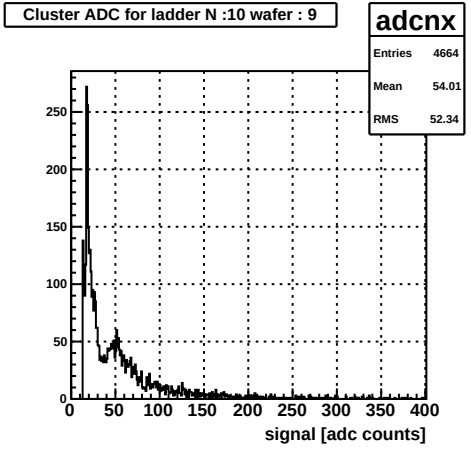

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4215
Mean 46.55
RMS 46.8
signal [adc counts]

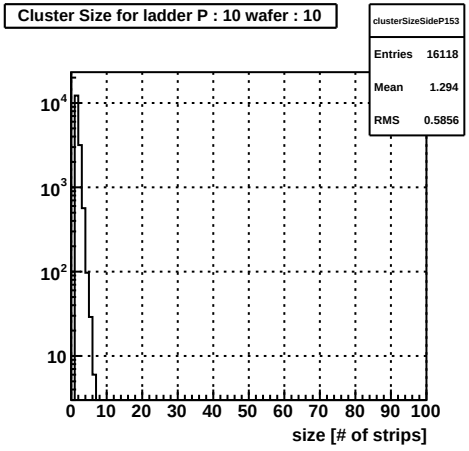

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 9953
Mean 1.307
RMS 0.6287
size [# of strips]

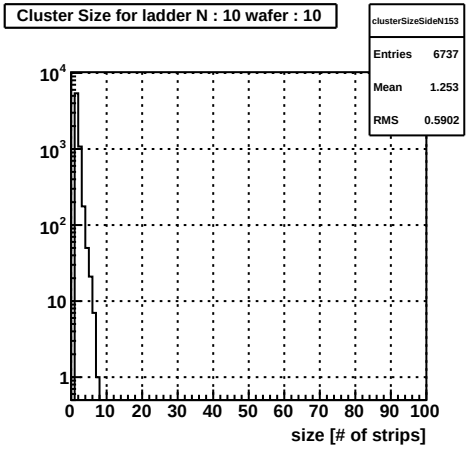

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 4664
Mean 1.248
RMS 0.597
size [# of strips]

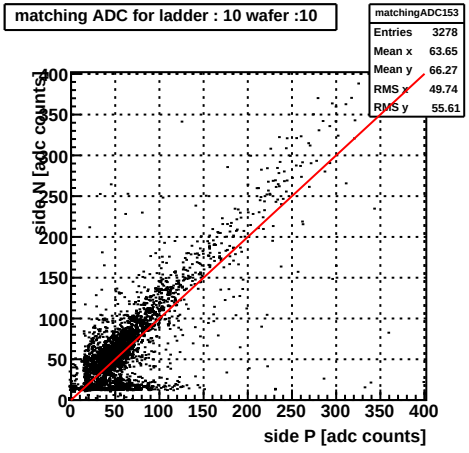

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 1749
Mean x 64.79
Mean y 83.11
RMS x 52.23
RMS y 64.64
side N [adc counts]
side P [adc counts]

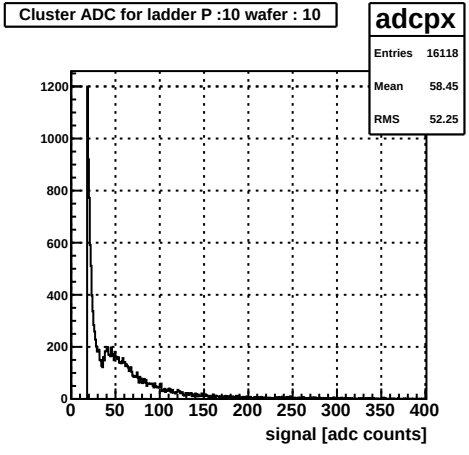

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 9953
Mean 61.44
RMS 54.37
signal [adc counts]

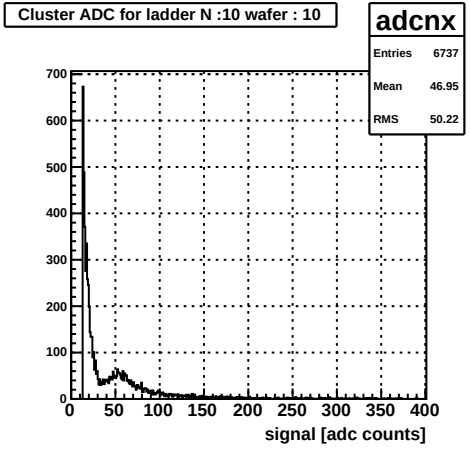

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 4664
Mean 54.01
RMS 52.34
signal [adc counts]

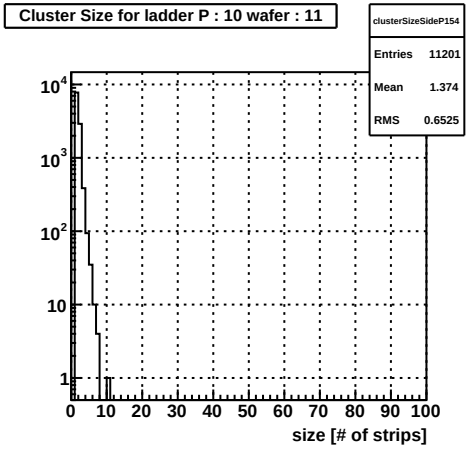

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 16118
Mean 1.294
RMS 0.5856
size [# of strips]

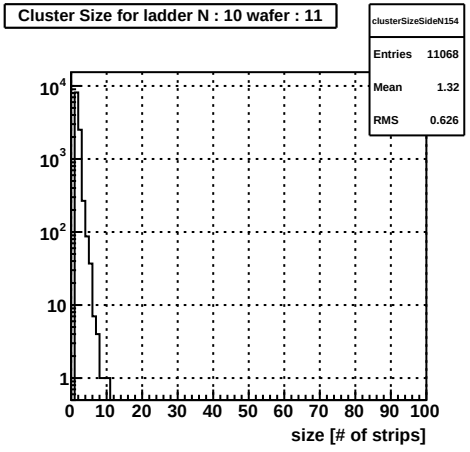

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 6737
Mean 1.253
RMS 0.5902
size [# of strips]

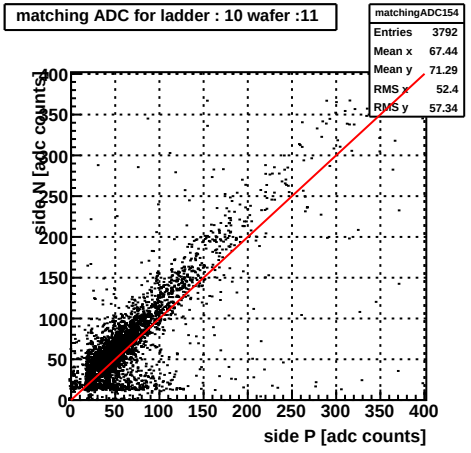

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 3278
Mean x 63.65
Mean y 66.27
RMS x 49.74
RMS y 55.61
side N [adc counts]
side P [adc counts]

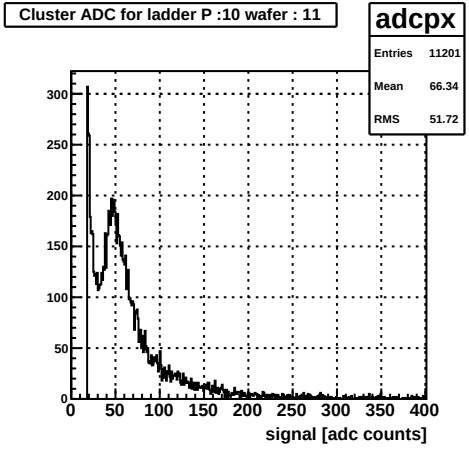

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 16118
Mean 58.45
RMS 52.25
signal [adc counts]

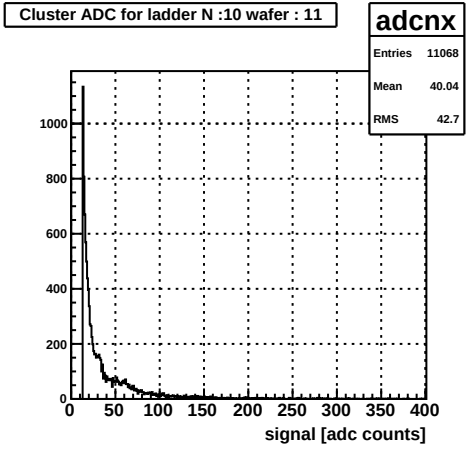

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 6737
Mean 46.95
RMS 50.22
signal [adc counts]

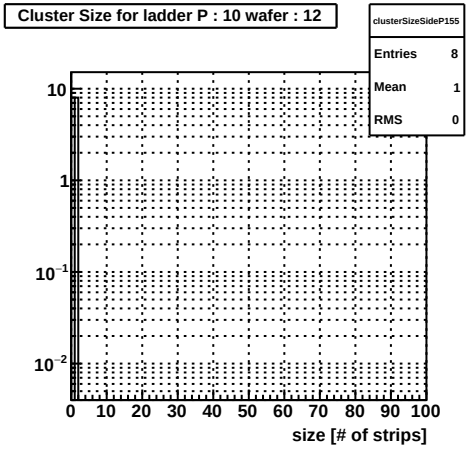

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 11201
Mean 1.374
RMS 0.6525
size [# of strips]

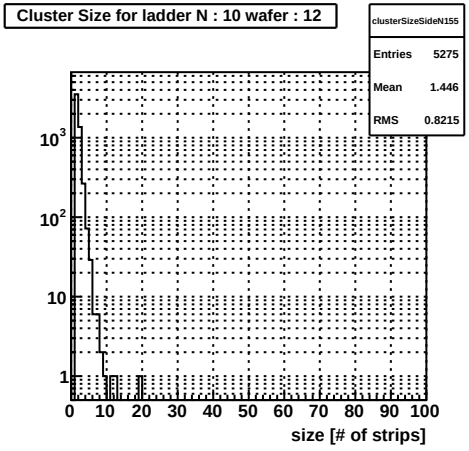

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 11068
Mean 1.32
RMS 0.626
size [# of strips]

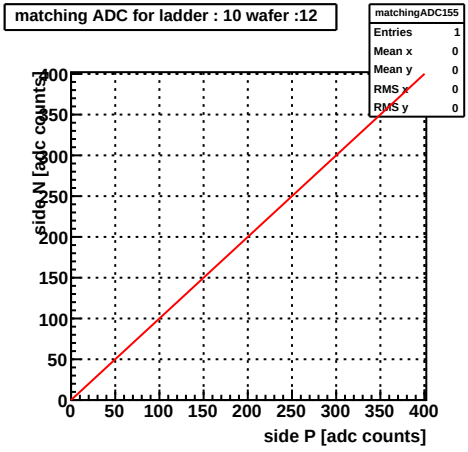

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 3792
Mean x 67.44
Mean y 71.29
RMS x 52.4
RMS y 57.34
side N [adc counts]
side P [adc counts]

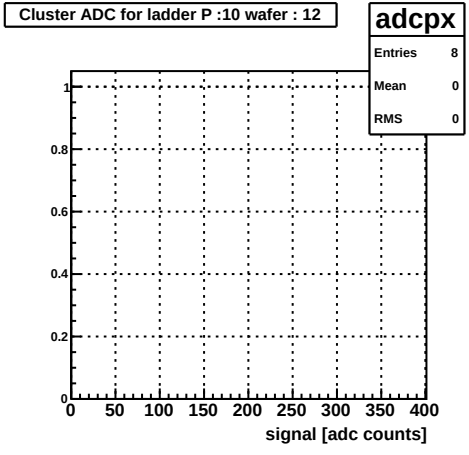

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 11201
Mean 66.34
RMS 51.72
signal [adc counts]

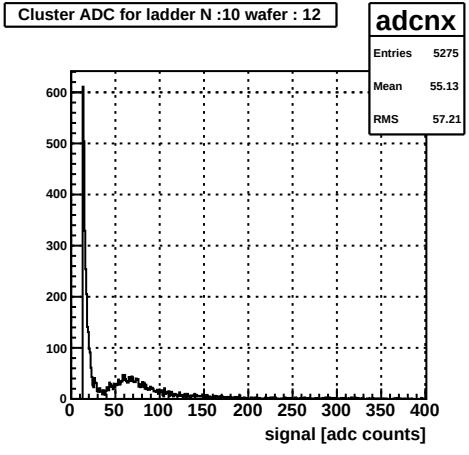

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 11068
Mean 40.04
RMS 42.7
signal [adc counts]

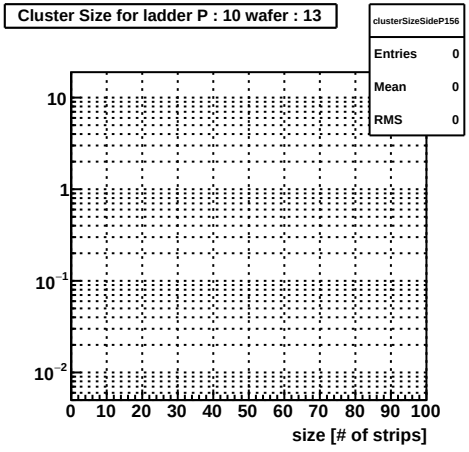

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 8
Mean 1
RMS 0
size [# of strips]

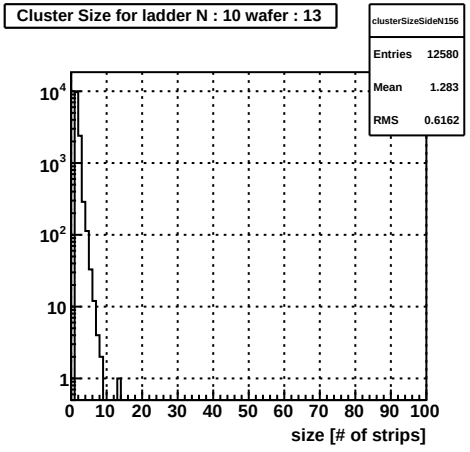

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 5275
Mean 1.446
RMS 0.8215
size [# of strips]

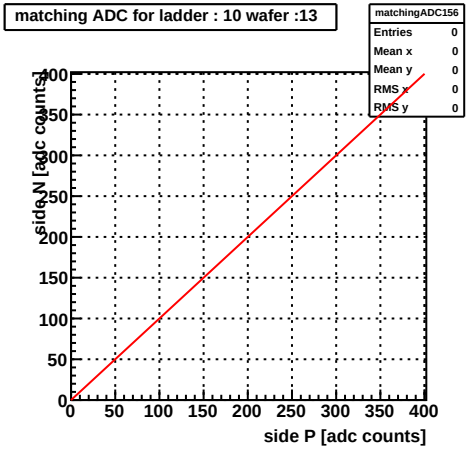

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

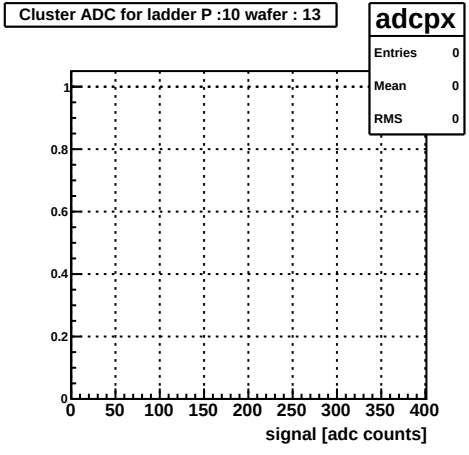

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

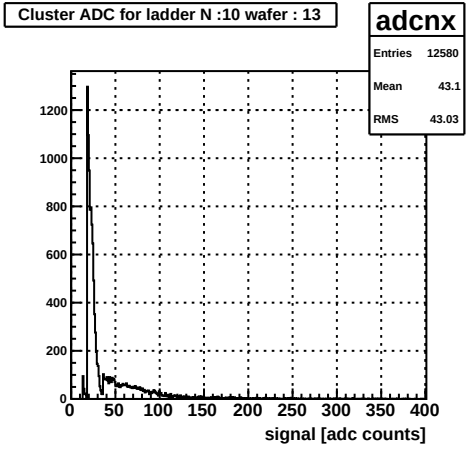

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 5275
Mean 55.13
RMS 57.21
signal [adc counts]

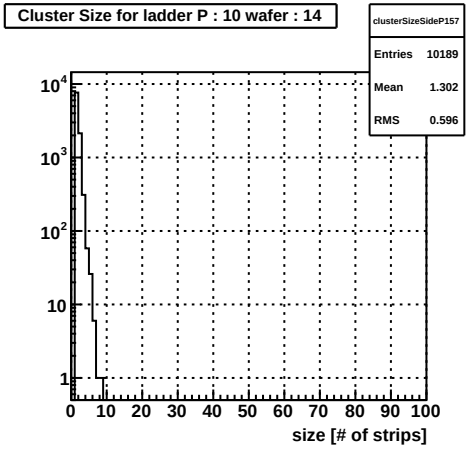

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

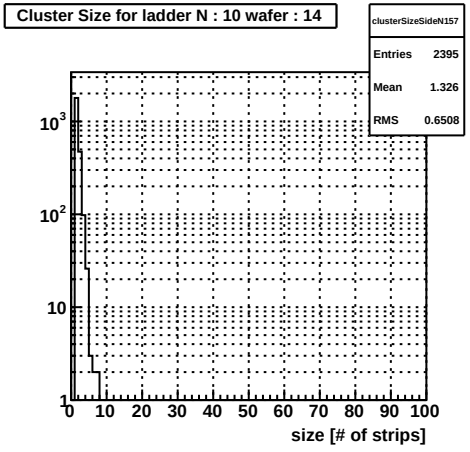

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 12580
Mean 1.283
RMS 0.6162
size [# of strips]

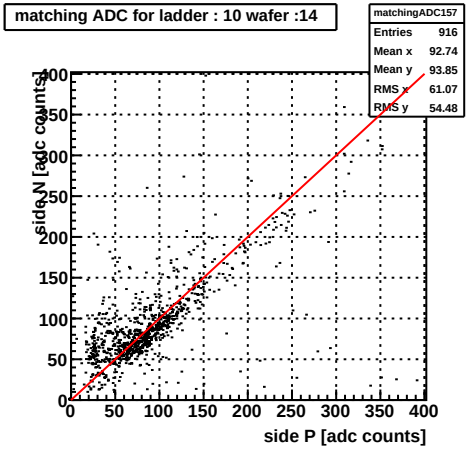

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

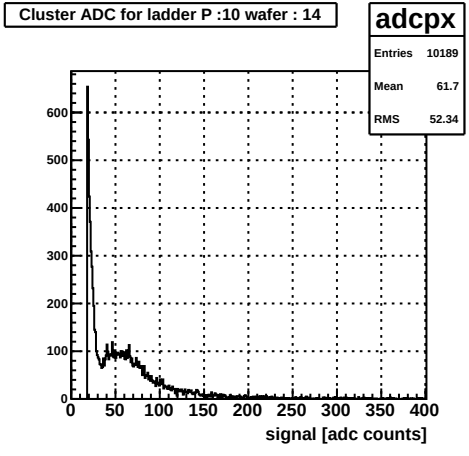

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

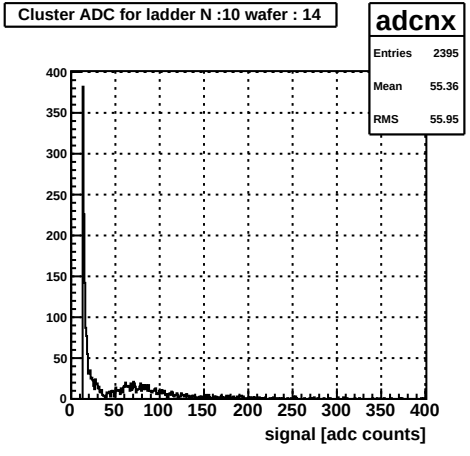

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 12580
Mean 43.1
RMS 43.03
signal [adc counts]

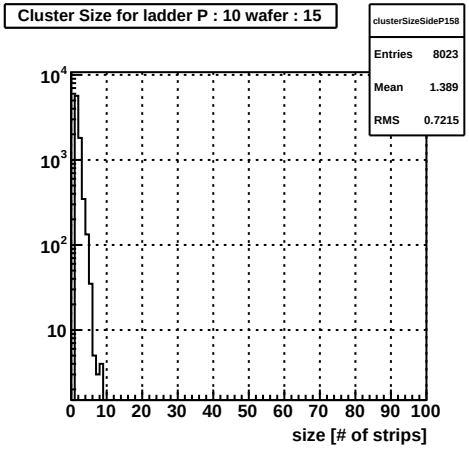

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 10189
Mean 1.302
RMS 0.596
size [# of strips]

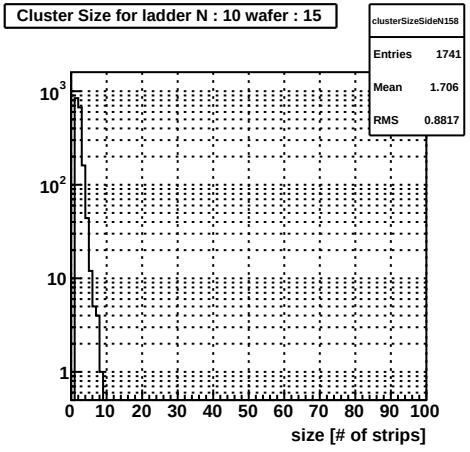

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2395
Mean 1.326
RMS 0.6508
size [# of strips]

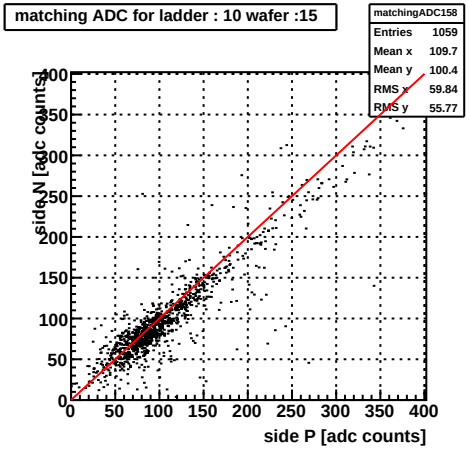

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 916
Mean x 92.74
Mean y 93.85
RMS x 61.07
RMS y 54.48
side N [adc counts]
side P [adc counts]

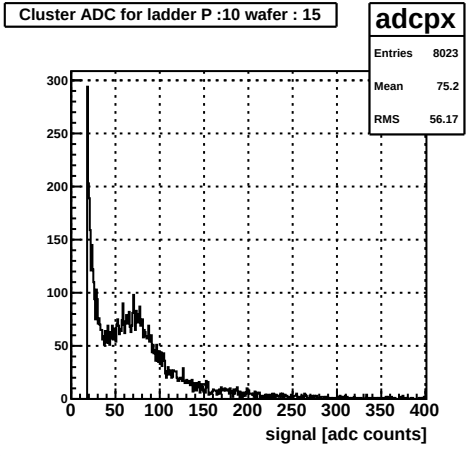

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 10189
Mean 61.7
RMS 52.34
signal [adc counts]

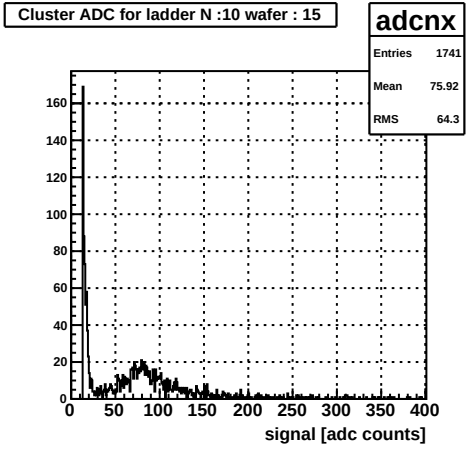

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2395
Mean 55.36
RMS 55.95
signal [adc counts]

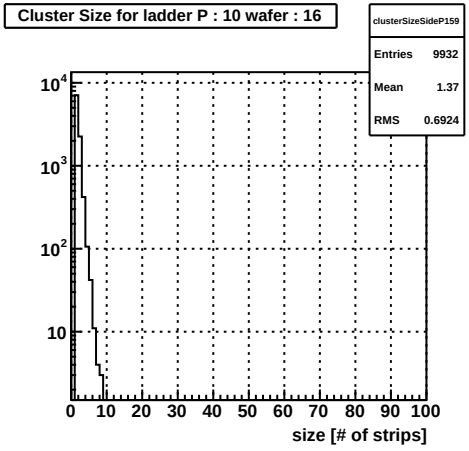

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 8023
Mean 1.389
RMS 0.7215
size [# of strips]

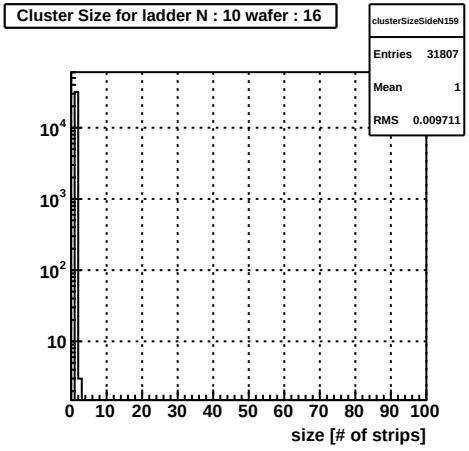

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1741
Mean 1.706
RMS 0.8817
size [# of strips]

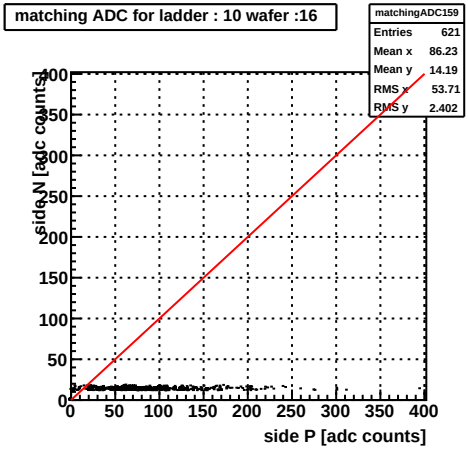

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1059
Mean x 109.7
Mean y 100.4
RMS x 59.84
RMS y 55.77
side N [adc counts]
side P [adc counts]

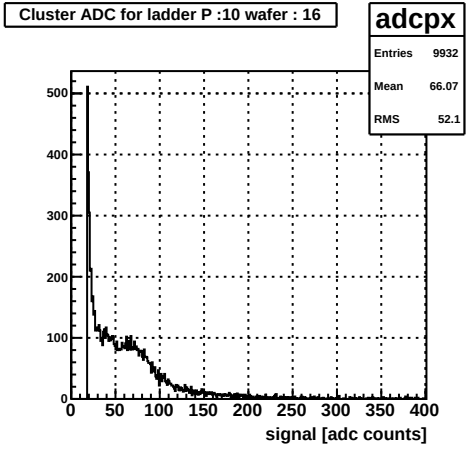

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 8023
Mean 75.2
RMS 56.17
signal [adc counts]

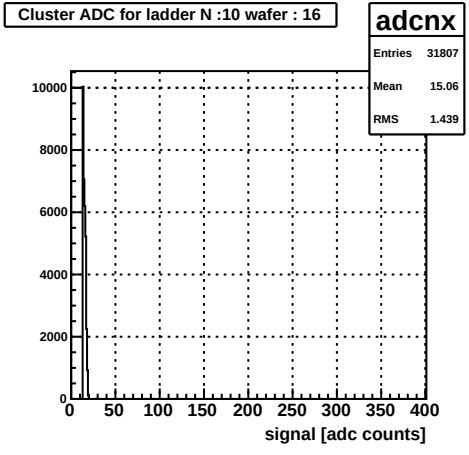

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1741
Mean 75.92
RMS 64.3
signal [adc counts]

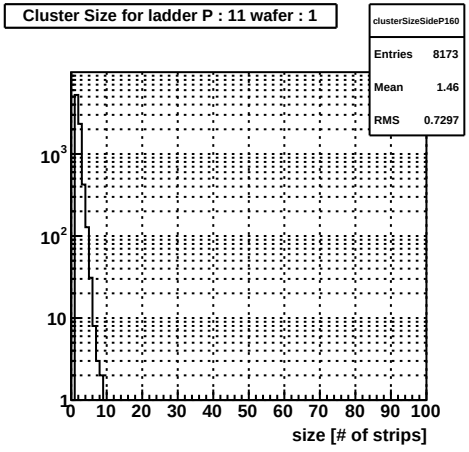

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 9932
Mean 1.37
RMS 0.6924
size [# of strips]

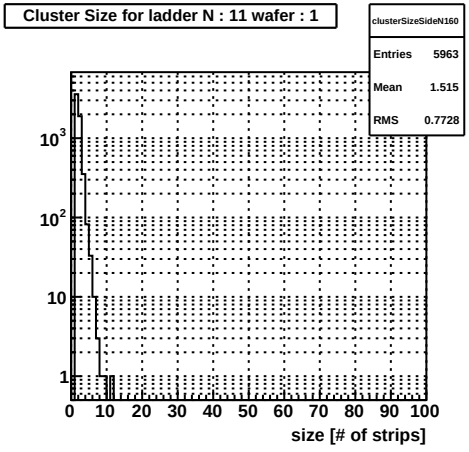

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 31807
Mean 1
RMS 0.009711
size [# of strips]

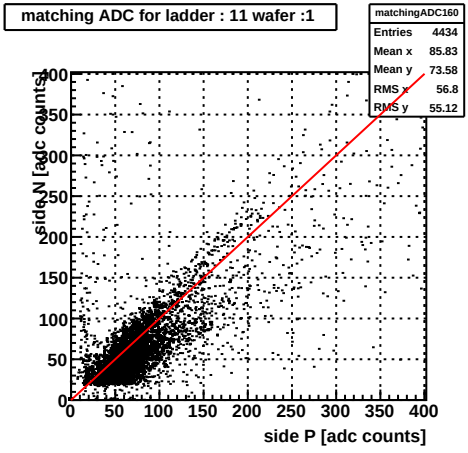

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 621
Mean x 86.23
Mean y 14.19
RMS x 53.71
RMS y 2.402
side N [adc counts]
side P [adc counts]

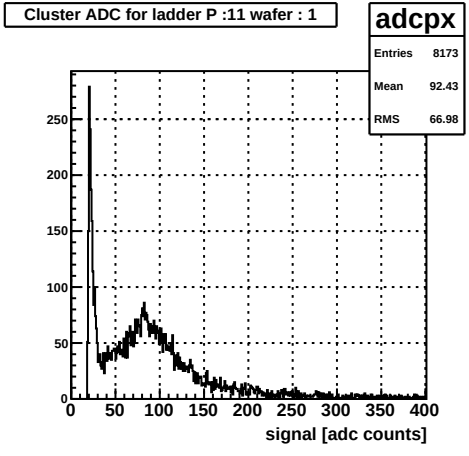

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 9932
Mean 66.07
RMS 52.1
signal [adc counts]

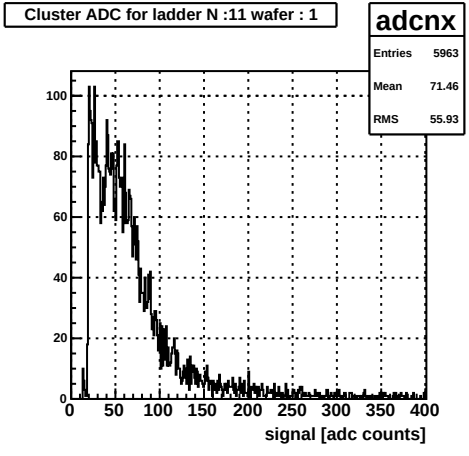

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 31807
Mean 15.06
RMS 1.439
signal [adc counts]

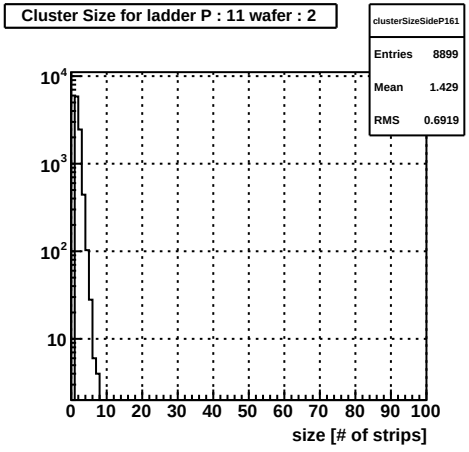

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 8173
Mean 1.46
RMS 0.7297
size [# of strips]

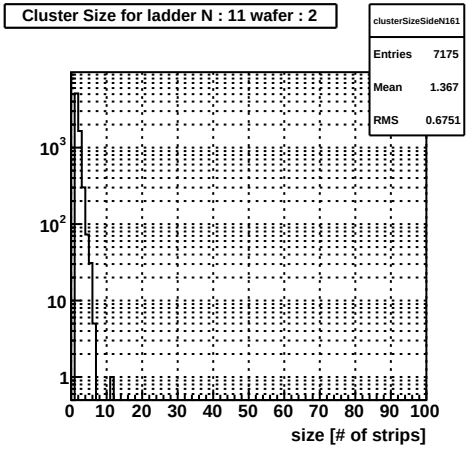

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 5963
Mean 1.515
RMS 0.7728
size [# of strips]

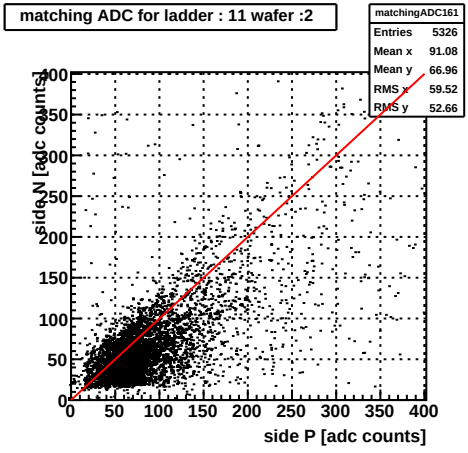

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 4434
Mean x 85.83
Mean y 73.58
RMS x 56.8
RMS y 55.12
side N [adc counts]
side P [adc counts]

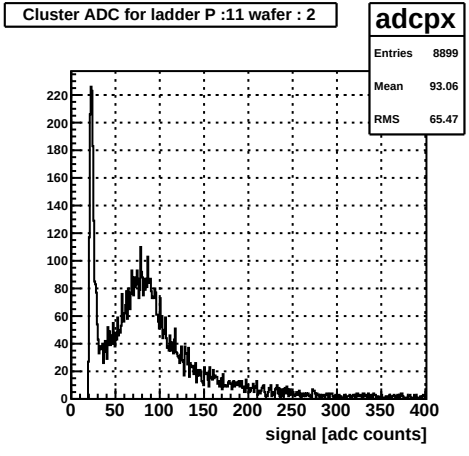

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 8173
Mean 92.43
RMS 66.98
signal [adc counts]

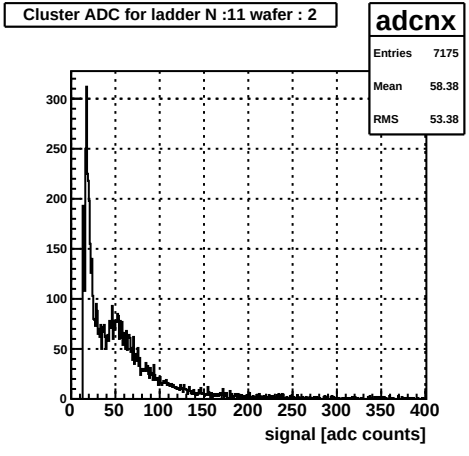

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 5963
Mean 71.46
RMS 55.93
signal [adc counts]

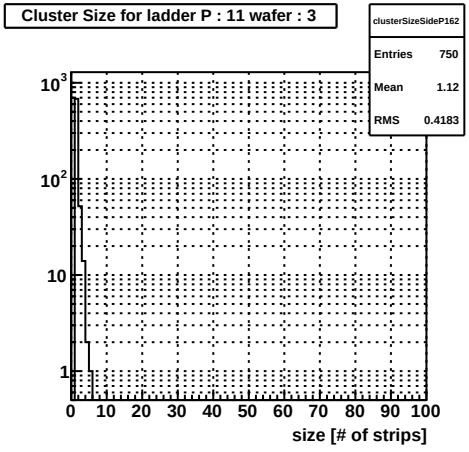

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 8899
Mean 1.429
RMS 0.6919
size [# of strips]

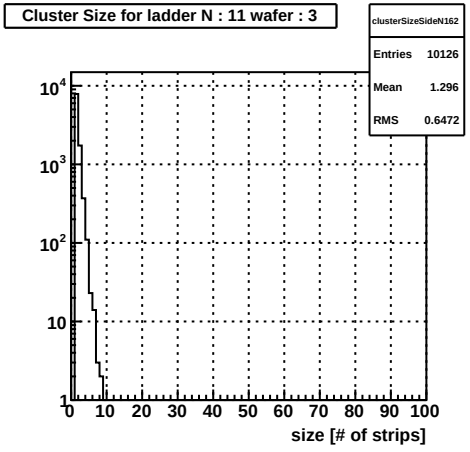

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 7175
Mean 1.367
RMS 0.6751
size [# of strips]

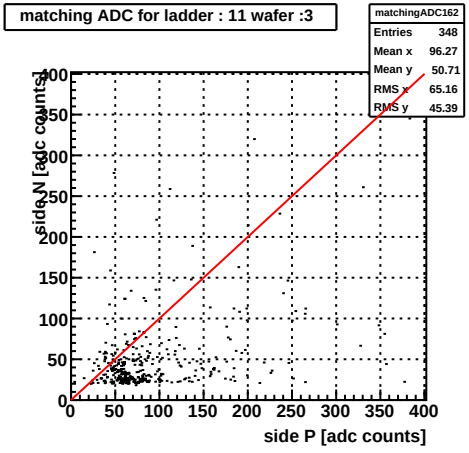

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 5326
Mean x 91.08
Mean y 66.96
RMS x 59.52
RMS y 52.66
side N [adc counts]
side P [adc counts]

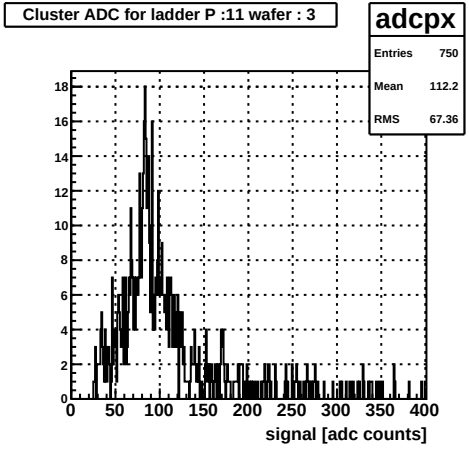

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 8899
Mean 93.06
RMS 65.47
signal [adc counts]

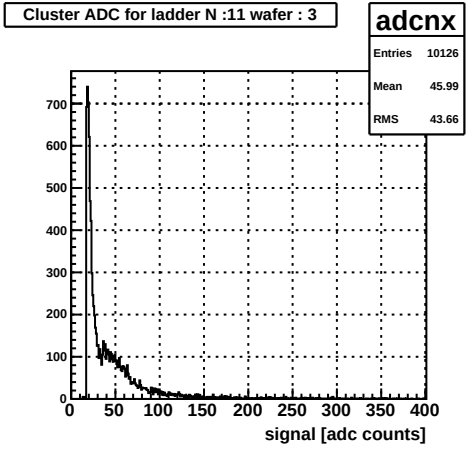

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 7175
Mean 58.38
RMS 53.38
signal [adc counts]

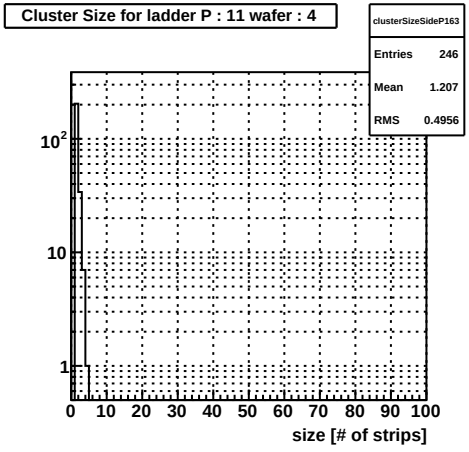

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 750
Mean 1.12
RMS 0.4183
size [# of strips]

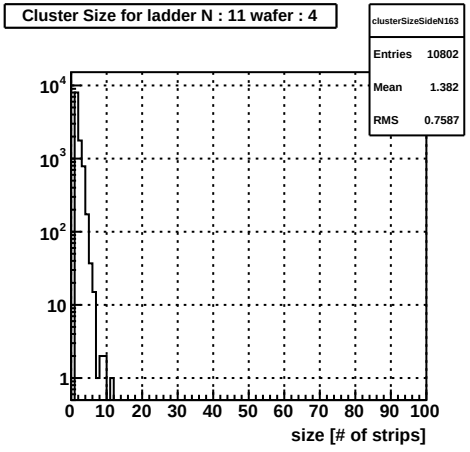

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 10126
Mean 1.296
RMS 0.6472
size [# of strips]

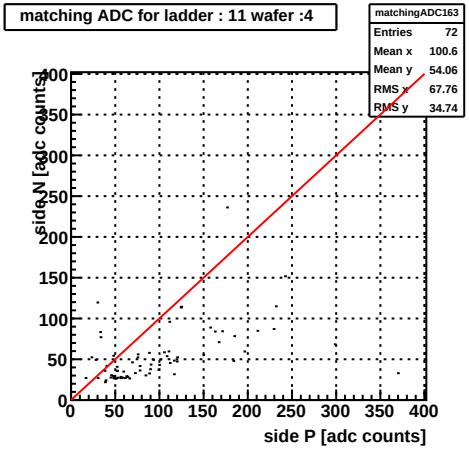

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 348
Mean x 96.27
Mean y 50.71
RMS x 65.16
RMS y 45.39
side N [adc counts]
side P [adc counts]

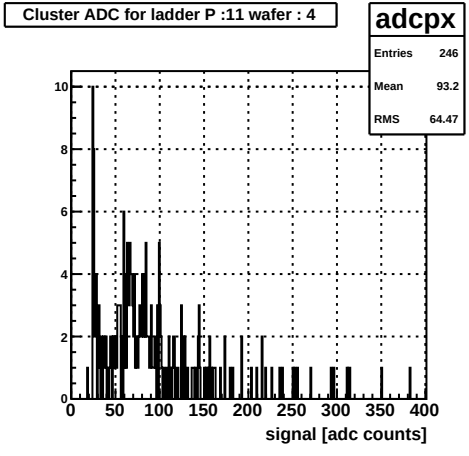

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 750
Mean 112.2
RMS 67.36
signal [adc counts]

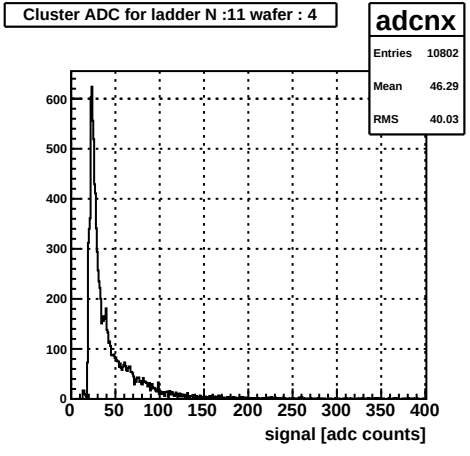

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 10126
Mean 45.99
RMS 43.66
signal [adc counts]

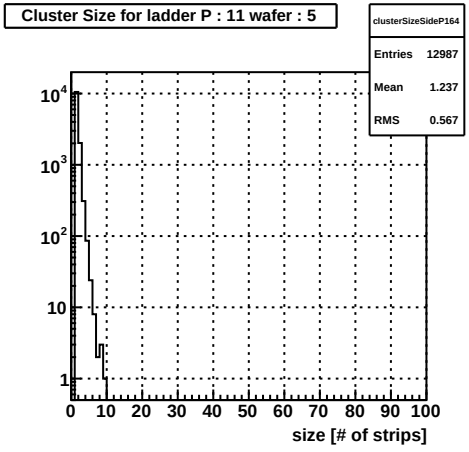

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 246
Mean 1.207
RMS 0.4956
size [# of strips]

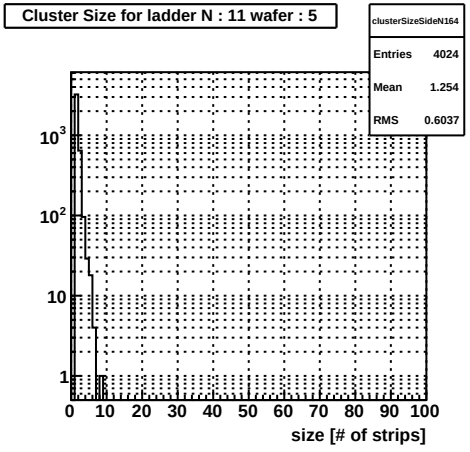

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 10802
Mean 1.382
RMS 0.7587
size [# of strips]

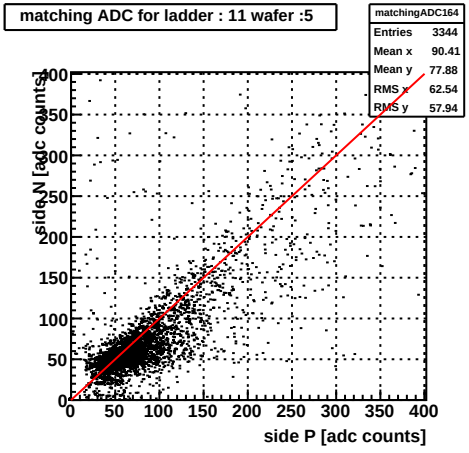

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 72
Mean x 100.6
Mean y 54.06
RMS x 67.76
RMS y 34.74
side N [adc counts]
side P [adc counts]

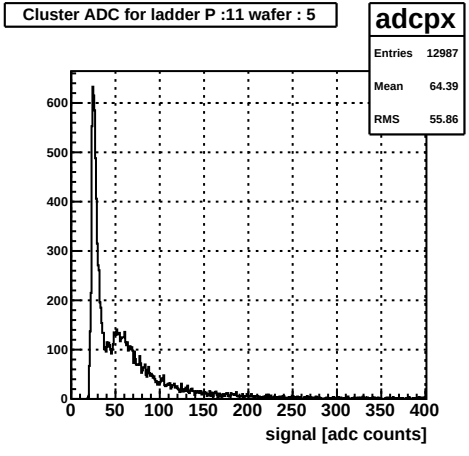

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 246
Mean 93.2
RMS 64.47
signal [adc counts]

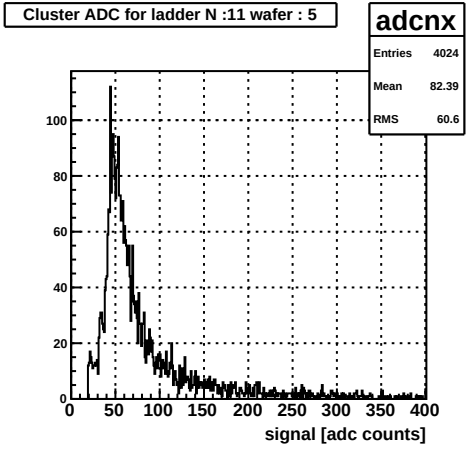

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 10802
Mean 46.29
RMS 40.03
signal [adc counts]

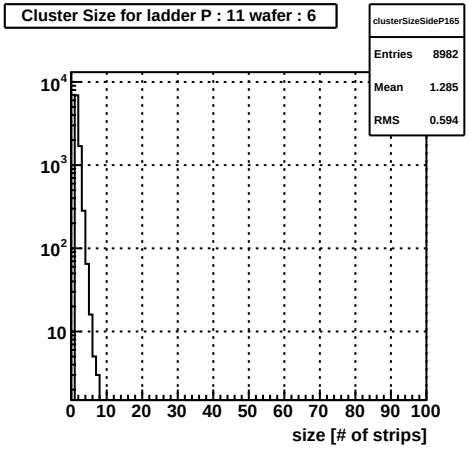

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12987
Mean 1.237
RMS 0.567
size [# of strips]

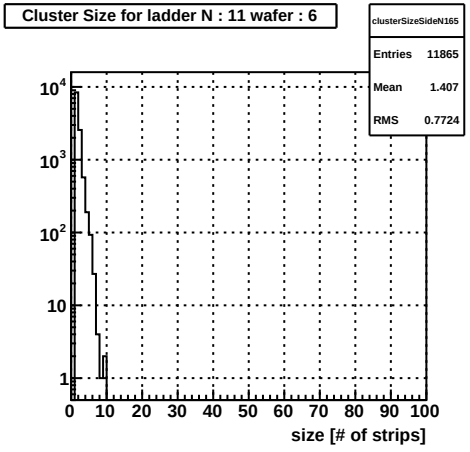

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 4024
Mean 1.254
RMS 0.6037
size [# of strips]

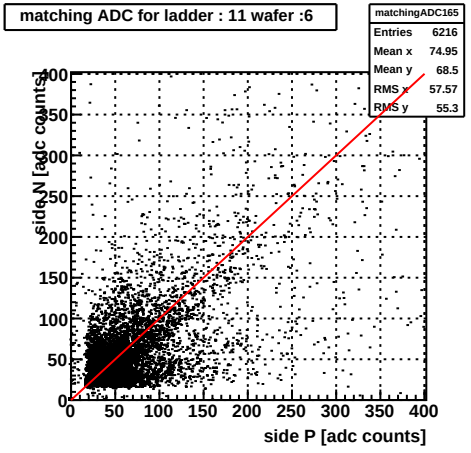

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3344
Mean x 90.41
Mean y 77.88
RMS x 62.54
RMS y 57.94
side N [adc counts]
side P [adc counts]

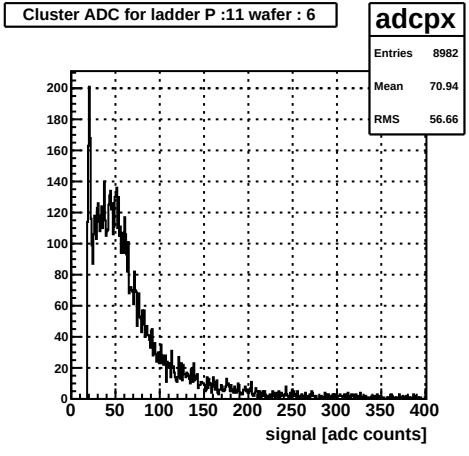

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12987
Mean 64.39
RMS 55.86
signal [adc counts]

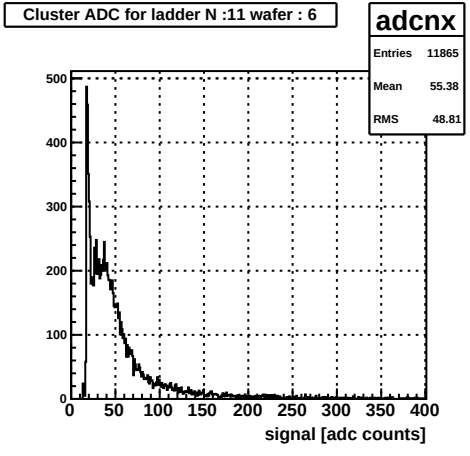

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 4024
Mean 82.39
RMS 60.6
signal [adc counts]

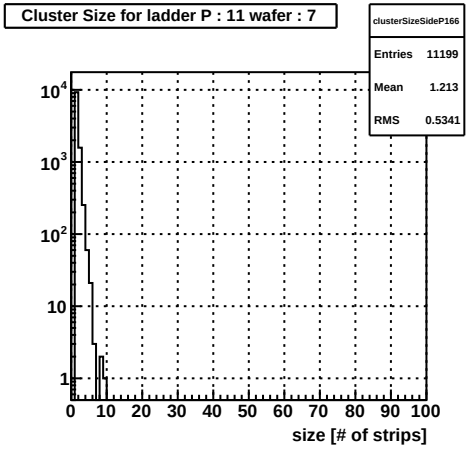

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 8982
Mean 1.285
RMS 0.594
size [# of strips]

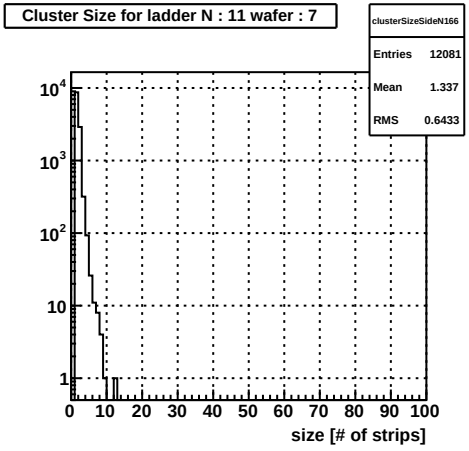

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 11865
Mean 1.407
RMS 0.7724
size [# of strips]

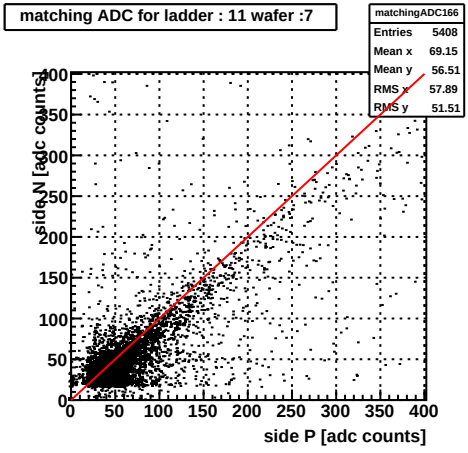

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 6216
Mean x 74.95
Mean y 68.5
RMS x 57.57
RMS y 55.3
side N [adc counts]
side P [adc counts]

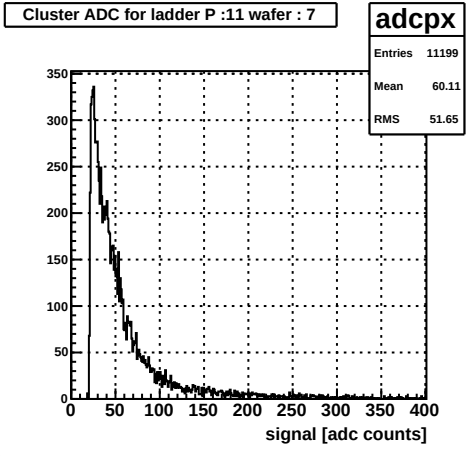

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 8982
Mean 70.94
RMS 56.66
signal [adc counts]

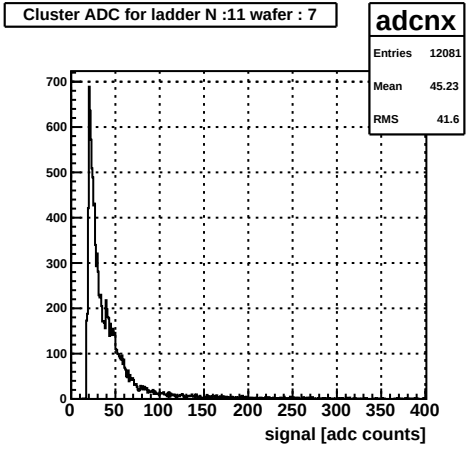

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 11865
Mean 55.38
RMS 48.81
signal [adc counts]

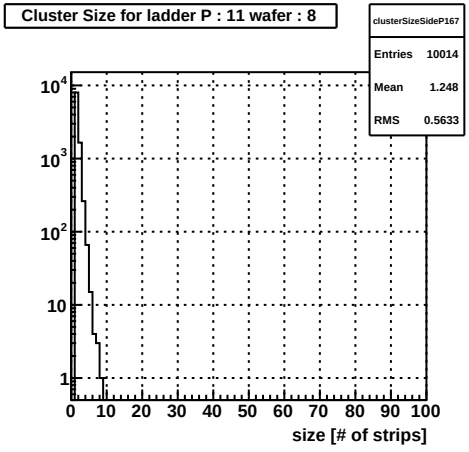

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 11199
Mean 1.213
RMS 0.5341
size [# of strips]

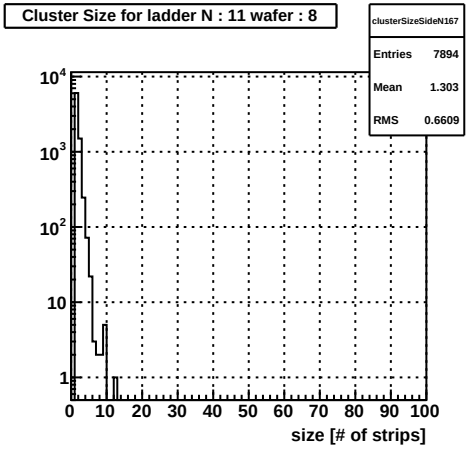

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 12081
Mean 1.337
RMS 0.6433
size [# of strips]

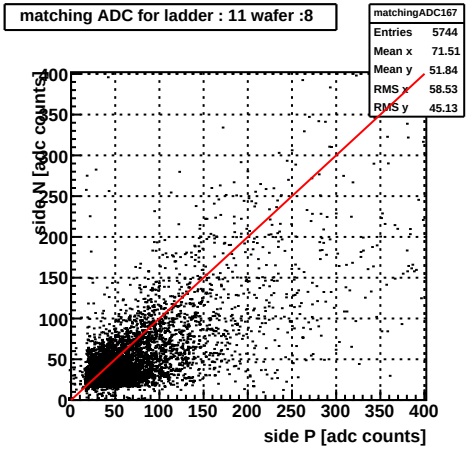

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 5408
Mean x 69.15
Mean y 56.51
RMS x 57.89
RMS y 51.51
side N [adc counts]
side P [adc counts]

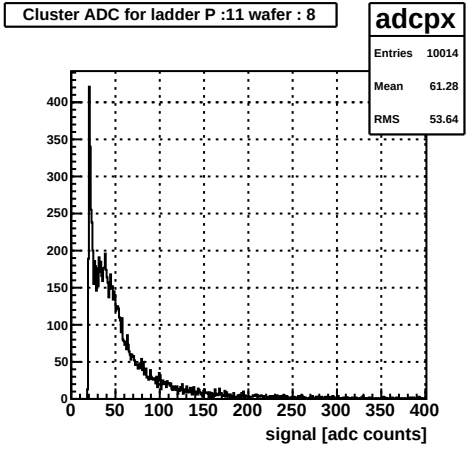

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 11199
Mean 60.11
RMS 51.65
signal [adc counts]

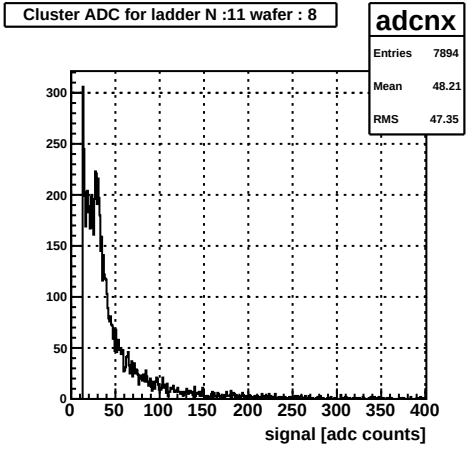

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 12081
Mean 45.23
RMS 41.6
signal [adc counts]

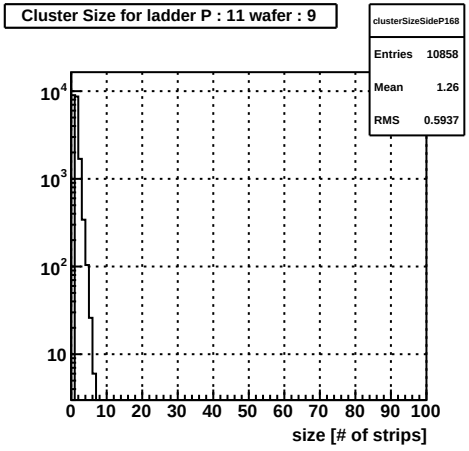

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 10014
Mean 1.248
RMS 0.5633
size [# of strips]

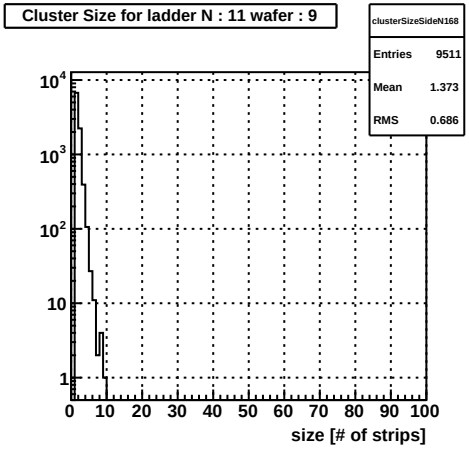

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 7894
Mean 1.303
RMS 0.6609
size [# of strips]

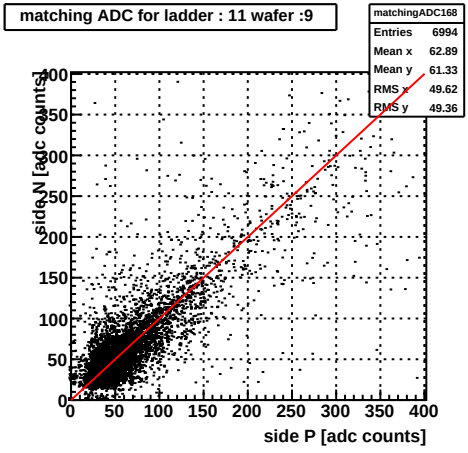

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 5744
Mean x 71.51
Mean y 51.84
RMS x 58.53
RMS y 45.13
side N [adc counts]
side P [adc counts]

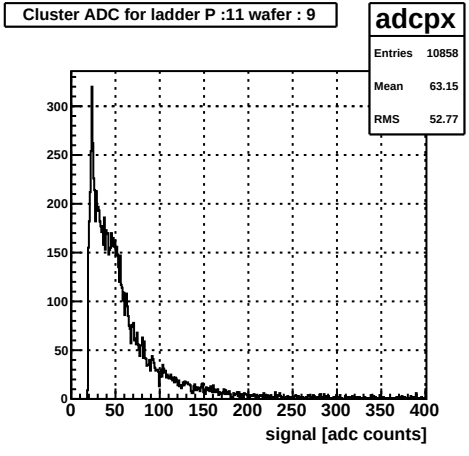

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 10014
Mean 61.28
RMS 53.64
signal [adc counts]

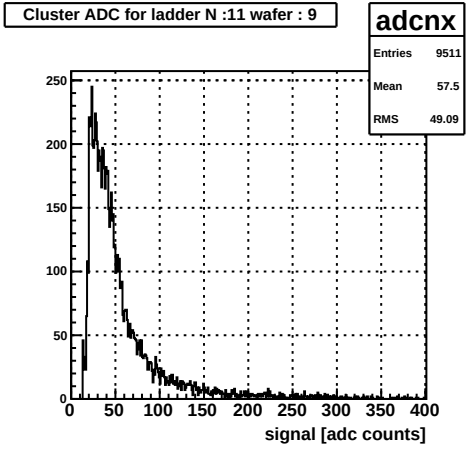

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 7894
Mean 48.21
RMS 47.35
signal [adc counts]

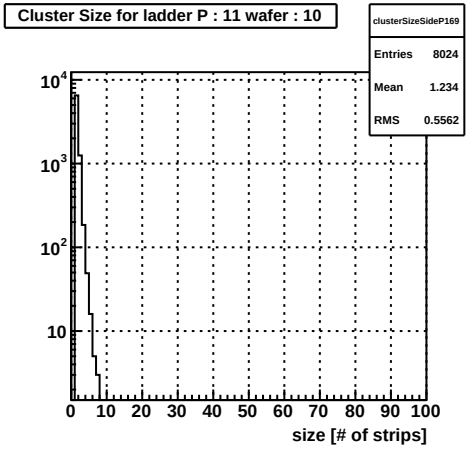

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 10858
Mean 1.26
RMS 0.5937
size [# of strips]

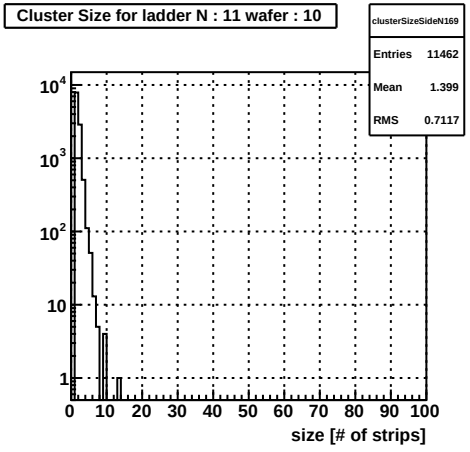

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 9511
Mean 1.373
RMS 0.686
size [# of strips]

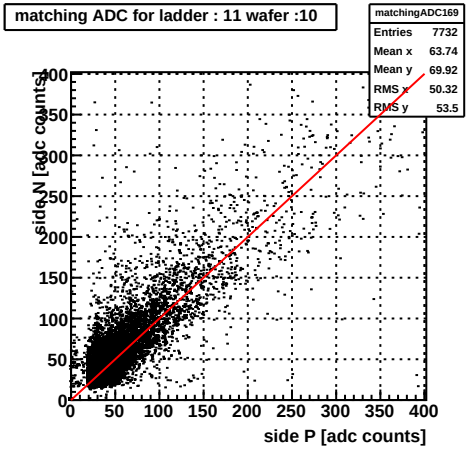

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 6994
Mean x 62.89
Mean y 61.33
RMS x 49.62
RMS y 49.36
side N [adc counts]
side P [adc counts]

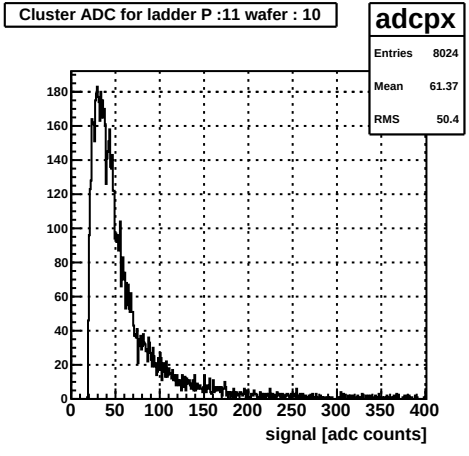

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 10858
Mean 63.15
RMS 52.77
signal [adc counts]

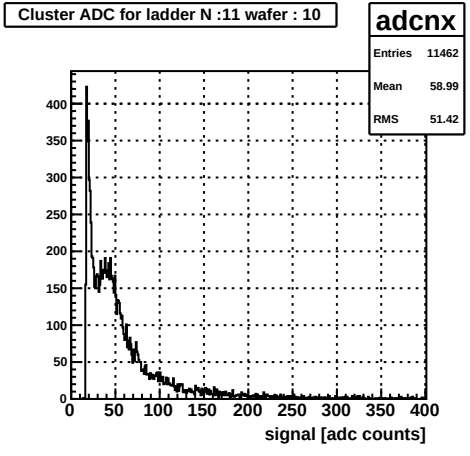

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 9511
Mean 57.5
RMS 49.09
signal [adc counts]

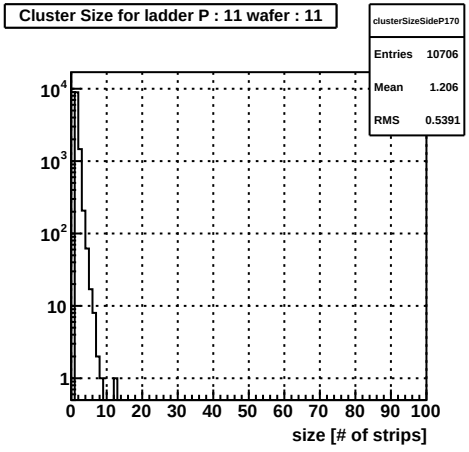

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 8024
Mean 1.234
RMS 0.5562
size [# of strips]

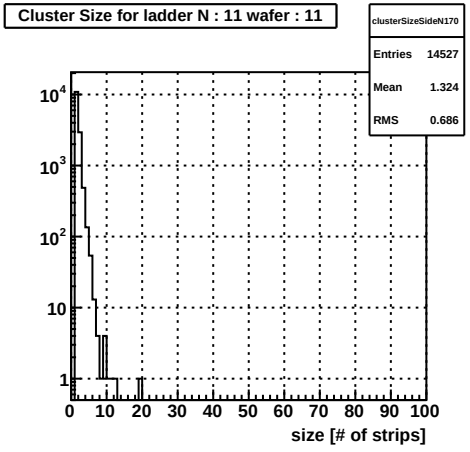

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 11462
Mean 1.399
RMS 0.7117
size [# of strips]

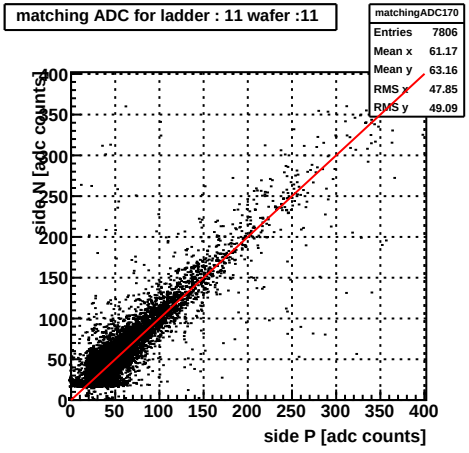

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 7732
Mean x 63.74
Mean y 69.92
RMS x 50.32
RMS y 53.5
side N [adc counts]
side P [adc counts]

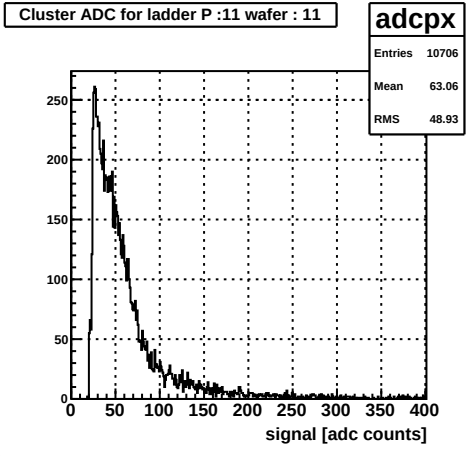

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 8024
Mean 61.37
RMS 50.4
signal [adc counts]

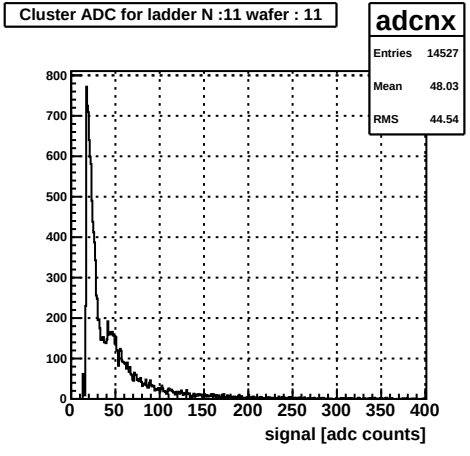

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 11462
Mean 58.99
RMS 51.42
signal [adc counts]

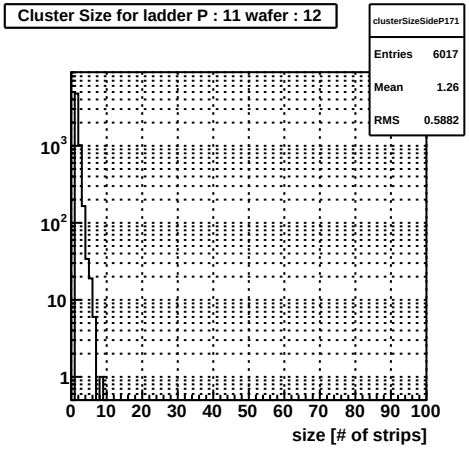

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 10706
Mean 1.206
RMS 0.5391
size [# of strips]

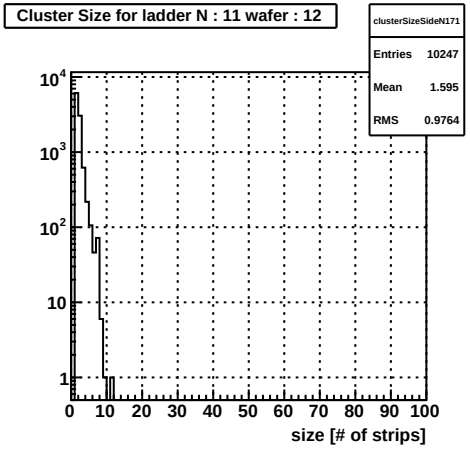

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 14527
Mean 1.324
RMS 0.686
size [# of strips]

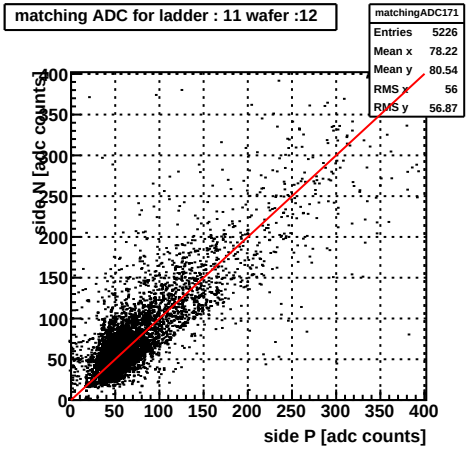

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 7806
Mean x 61.17
Mean y 63.16
RMS x 47.85
RMS y 49.09
side N [adc counts]
side P [adc counts]

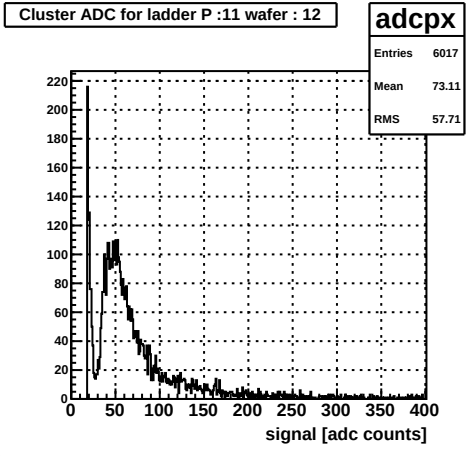

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 10706
Mean 63.06
RMS 48.93
signal [adc counts]

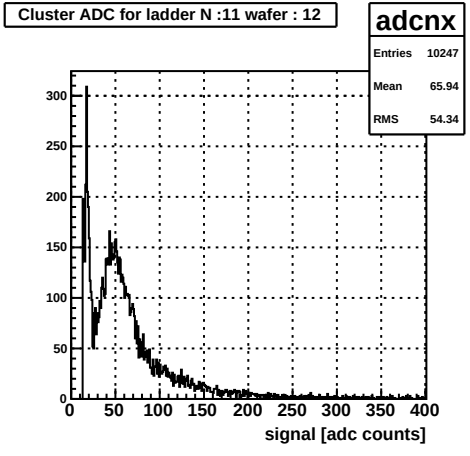

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 14527
Mean 48.03
RMS 44.54
signal [adc counts]

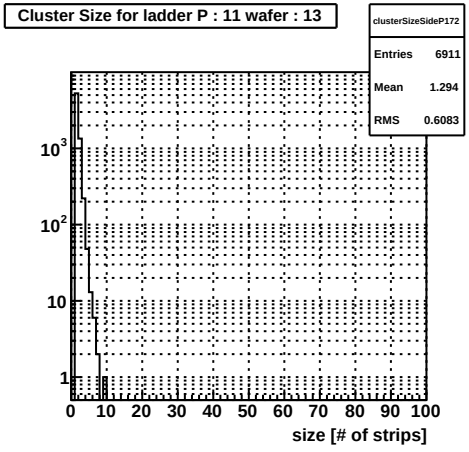

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 6017
Mean 1.26
RMS 0.5882
size [# of strips]

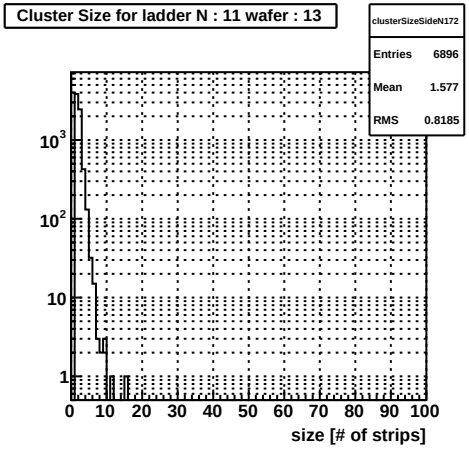

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 10247
Mean 1.595
RMS 0.9764
size [# of strips]

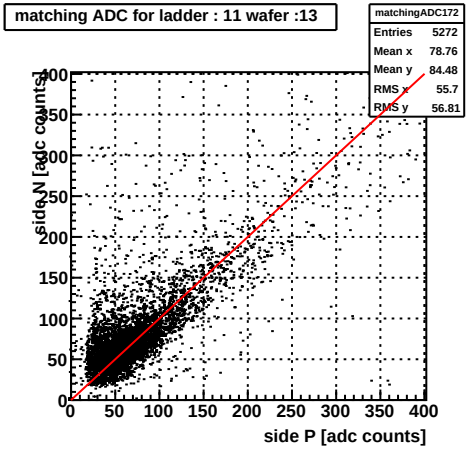

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 5226
Mean x 78.22
Mean y 80.54
RMS x 56
RMS y 56.87
side N [adc counts]
side P [adc counts]

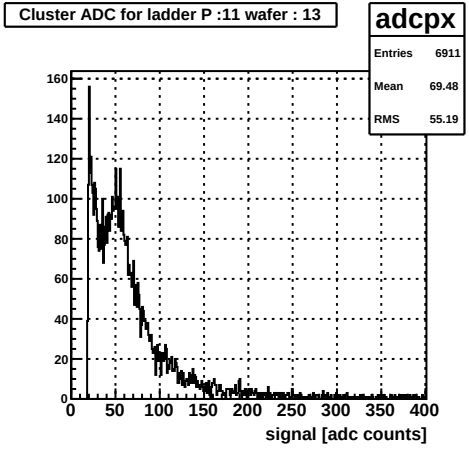

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 6017
Mean 73.11
RMS 57.71
signal [adc counts]

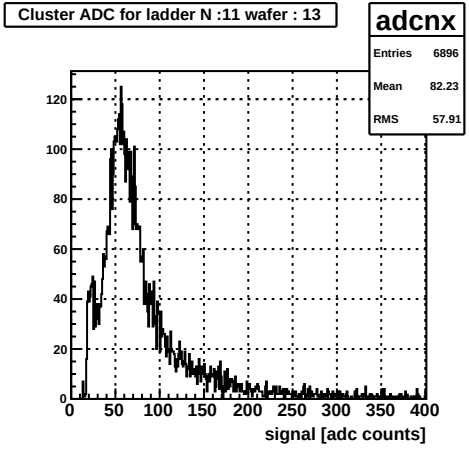

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 10247
Mean 65.94
RMS 54.34
signal [adc counts]

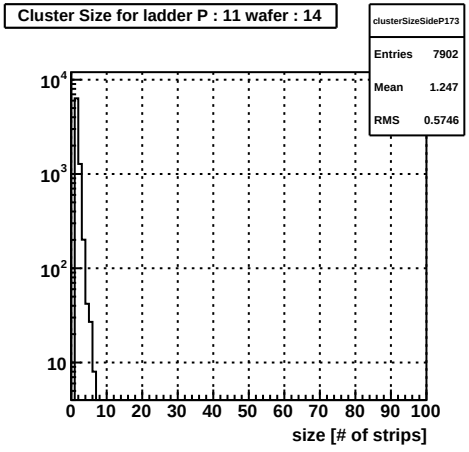

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 6911
Mean 1.294
RMS 0.6083
size [# of strips]

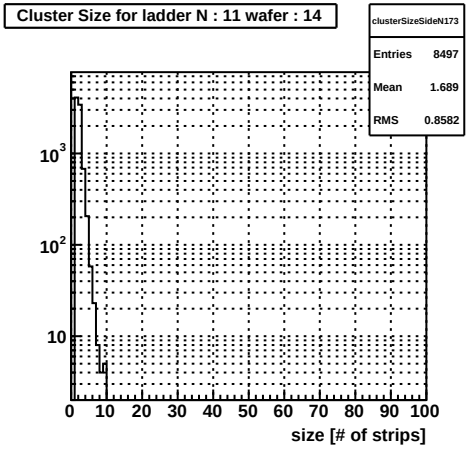

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 6896
Mean 1.577
RMS 0.8185
size [# of strips]

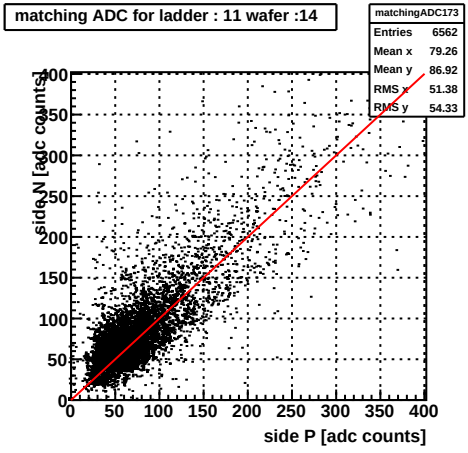

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 5272
Mean x 78.76
Mean y 84.48
RMS x 55.7
RMS y 56.81
side N [adc counts]
side P [adc counts]

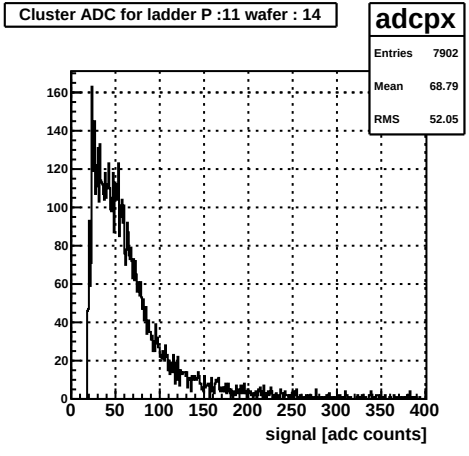

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 6911
Mean 69.48
RMS 55.19
signal [adc counts]

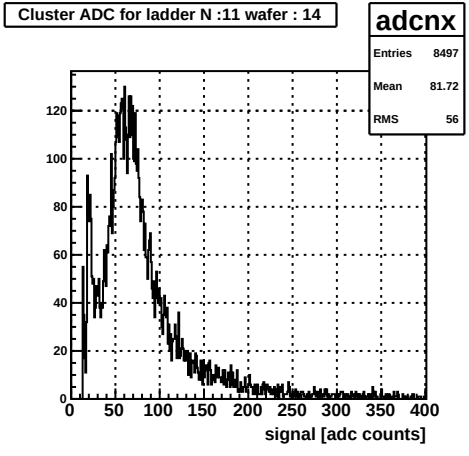

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 6896
Mean 82.23
RMS 57.91
signal [adc counts]

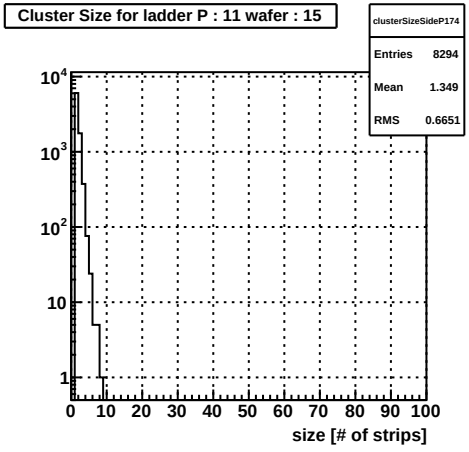

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 7902
Mean 1.247
RMS 0.5746
size [# of strips]

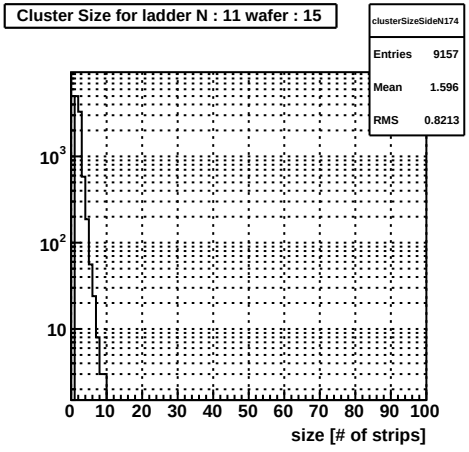

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 8497
Mean 1.689
RMS 0.8582
size [# of strips]

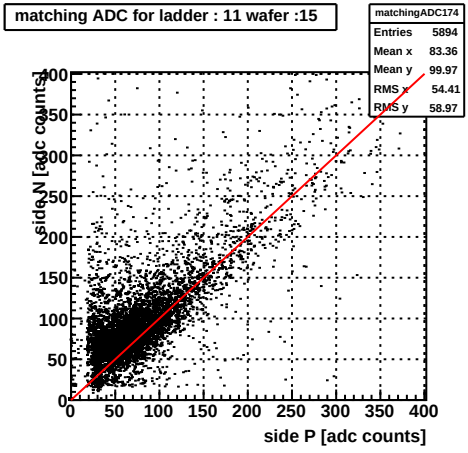

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 6562
Mean x 79.26
Mean y 86.92
RMS x 51.38
RMS y 54.33
side N [adc counts]
side P [adc counts]

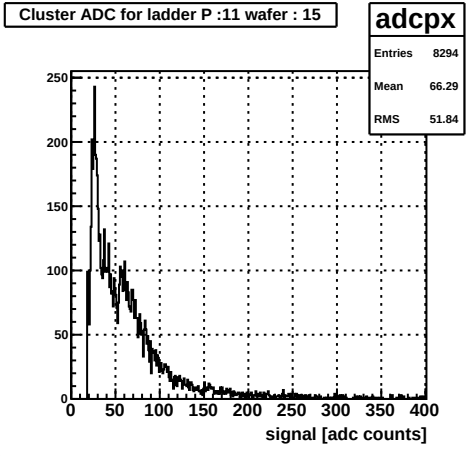

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 7902
Mean 68.79
RMS 52.05
signal [adc counts]

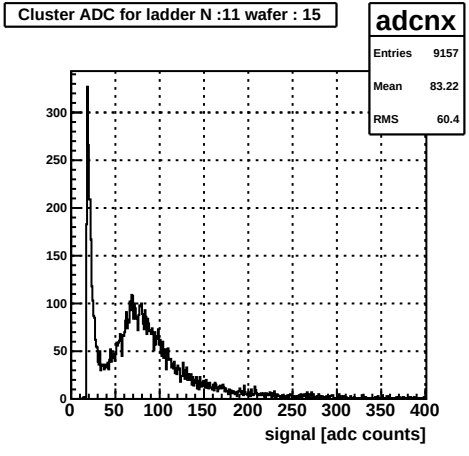

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 8497
Mean 81.72
RMS 56
signal [adc counts]

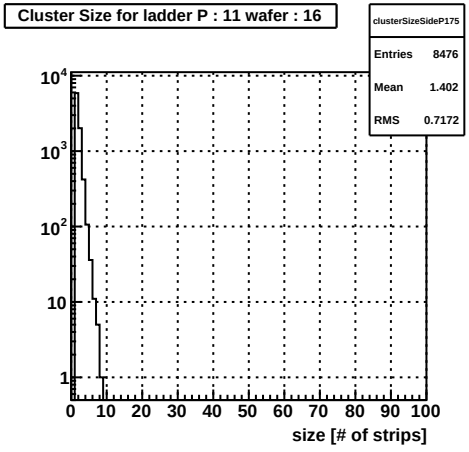

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 8294
Mean 1.349
RMS 0.6651
size [# of strips]

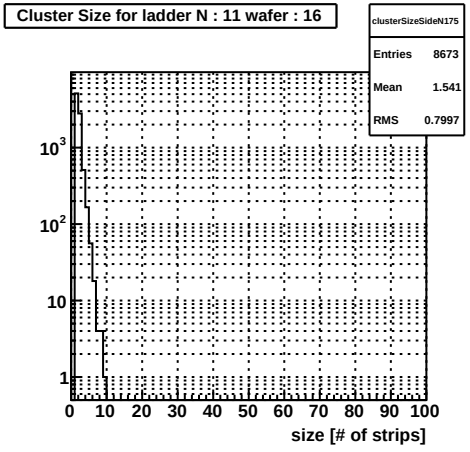

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 9157
Mean 1.596
RMS 0.8213
size [# of strips]

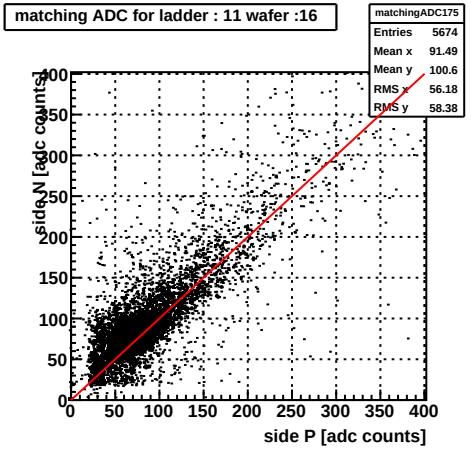

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 5894
Mean x 83.36
Mean y 99.97
RMS x 54.41
RMS y 58.97
side N [adc counts]
side P [adc counts]

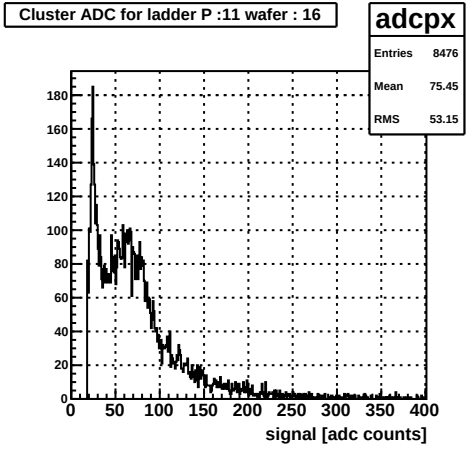

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 8294
Mean 66.29
RMS 51.84
signal [adc counts]

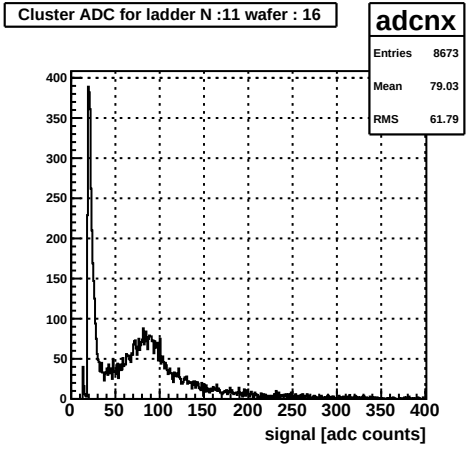

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 9157
Mean 83.22
RMS 60.4
signal [adc counts]

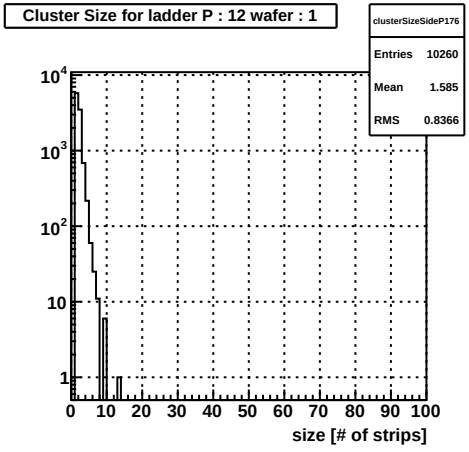

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 8476
Mean 1.402
RMS 0.7172
size [# of strips]

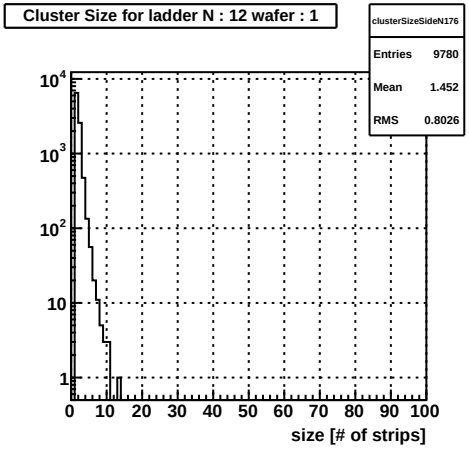

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 8673
Mean 1.541
RMS 0.7997
size [# of strips]

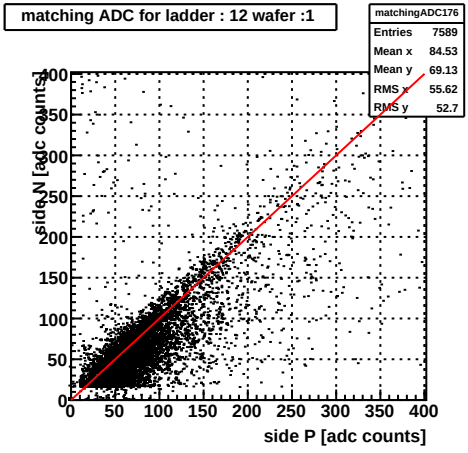

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 5674
Mean x 91.49
Mean y 100.6
RMS x 56.18
RMS y 58.38
side N [adc counts]
side P [adc counts]

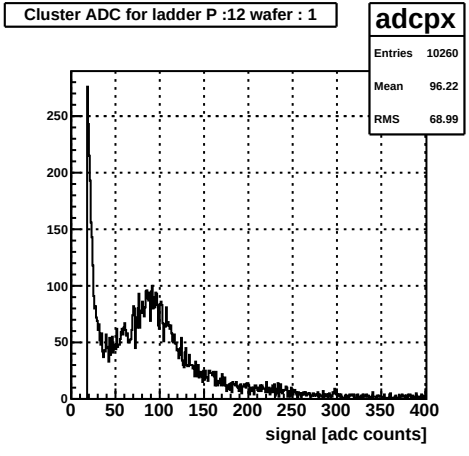

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 8476
Mean 75.45
RMS 53.15
signal [adc counts]

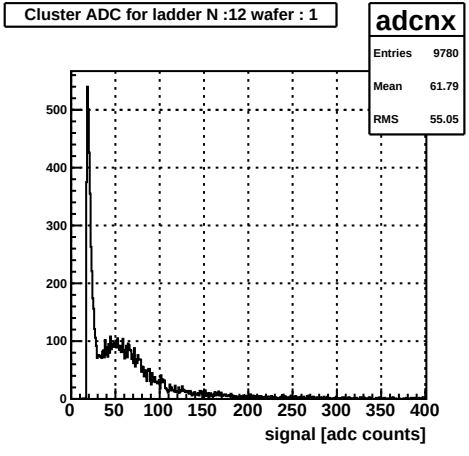

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 8673
Mean 79.03
RMS 61.79
signal [adc counts]

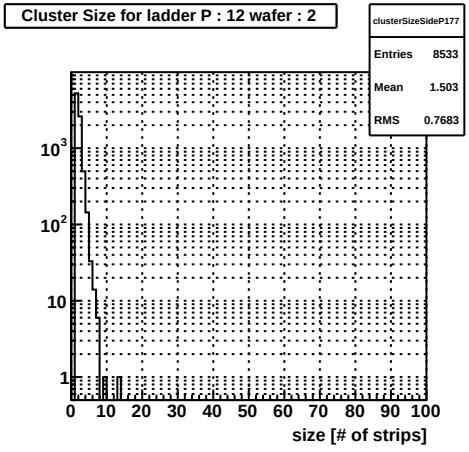

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 10260
Mean 1.585
RMS 0.8366
size [# of strips]

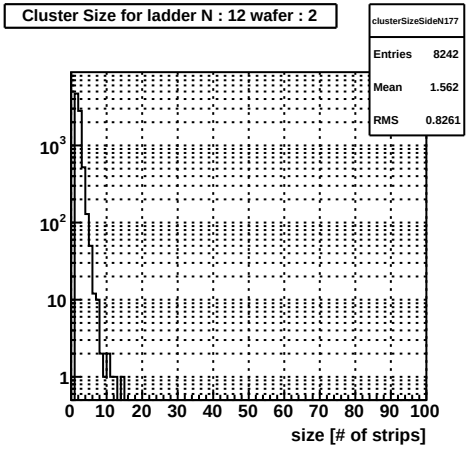

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 9780
Mean 1.452
RMS 0.8026
size [# of strips]

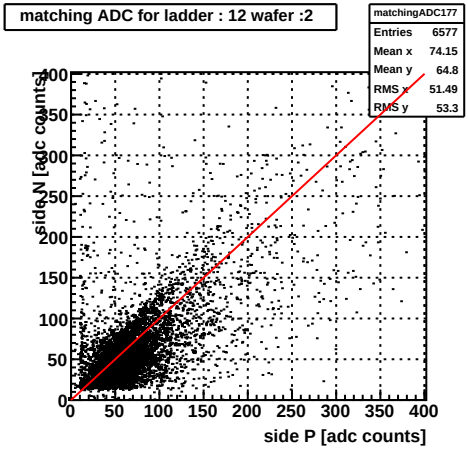

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 7589
Mean x 84.53
Mean y 69.13
RMS x 55.62
RMS y 52.7
side N [adc counts]
side P [adc counts]

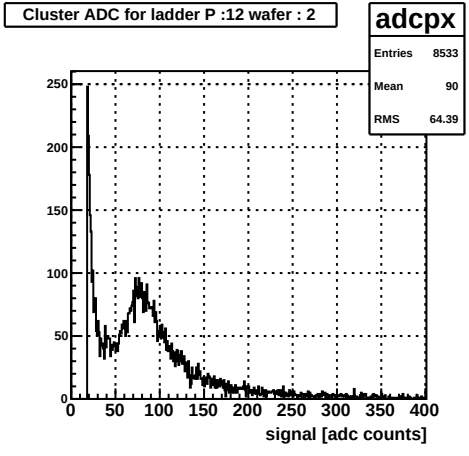

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 10260
Mean 96.22
RMS 68.99
signal [adc counts]

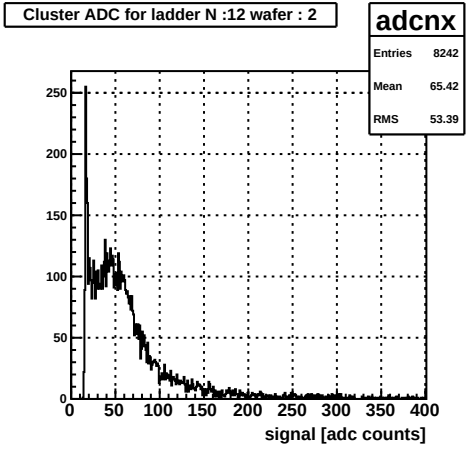

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 9780
Mean 61.79
RMS 55.05
signal [adc counts]

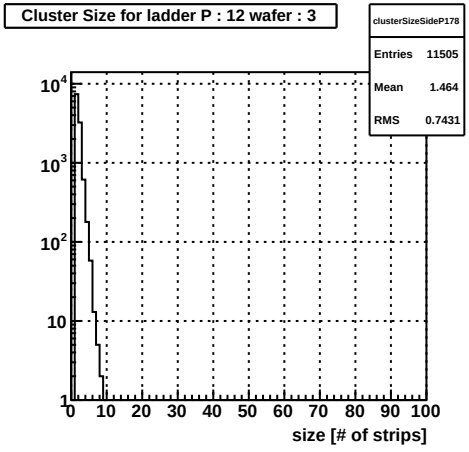

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 8533
Mean 1.503
RMS 0.7683
size [# of strips]

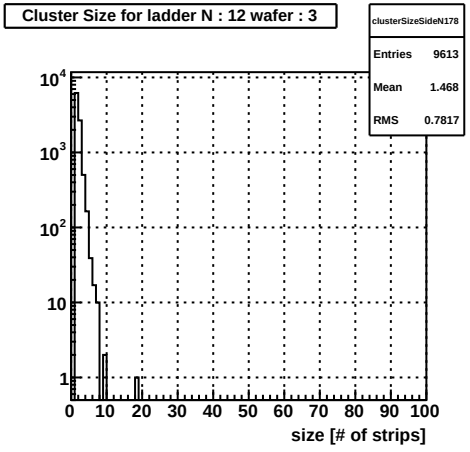

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 8242
Mean 1.562
RMS 0.8261
size [# of strips]

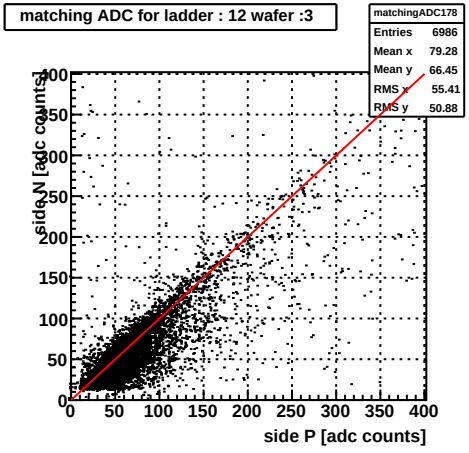

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 6577
Mean x 74.15
Mean y 64.8
RMS x 51.49
RMS y 53.3
side N [adc counts]
side P [adc counts]

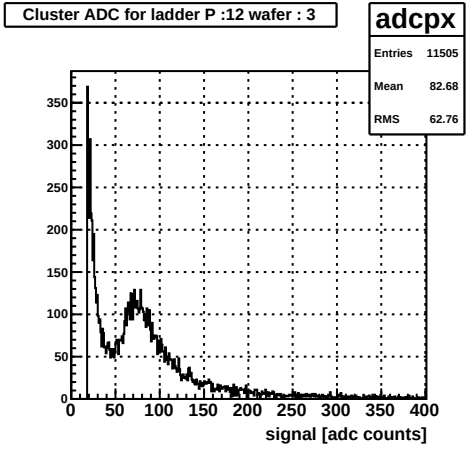

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 8533
Mean 90
RMS 64.39
signal [adc counts]

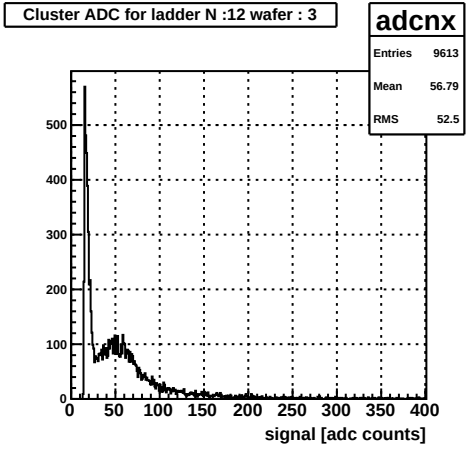

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 8242
Mean 65.42
RMS 53.39
signal [adc counts]

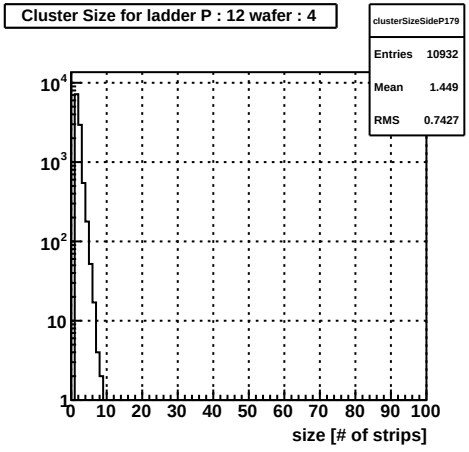

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 11505
Mean 1.464
RMS 0.7431
size [# of strips]

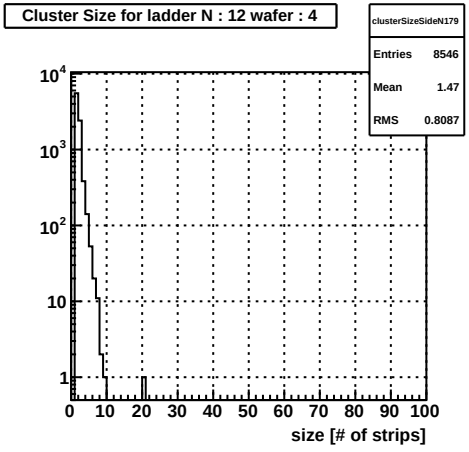

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 9613
Mean 1.468
RMS 0.7817
size [# of strips]

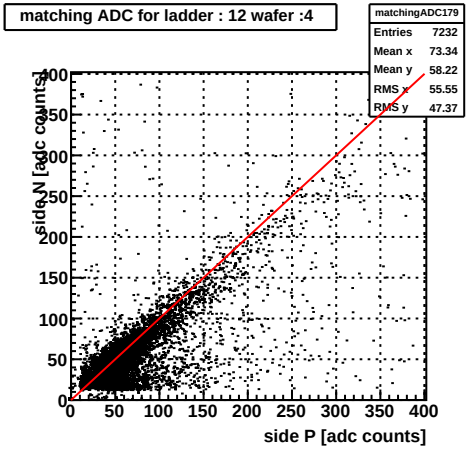

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 6986
Mean x 79.28
Mean y 66.45
RMS x 55.41
RMS y 50.88
side N [adc counts]
side P [adc counts]

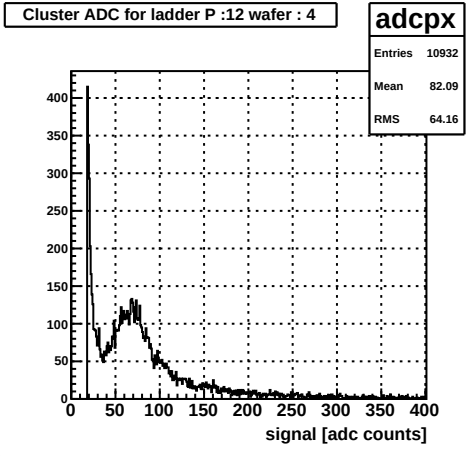

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 11505
Mean 82.68
RMS 62.76
signal [adc counts]

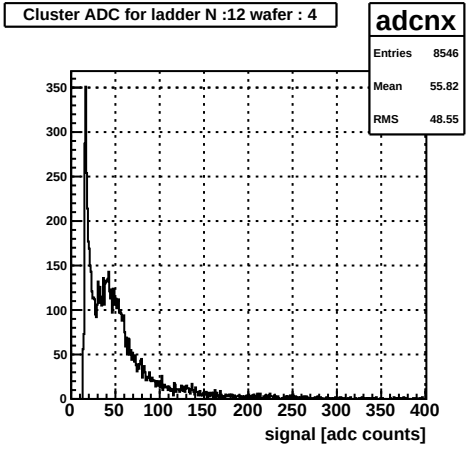

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 9613
Mean 56.79
RMS 52.5
signal [adc counts]

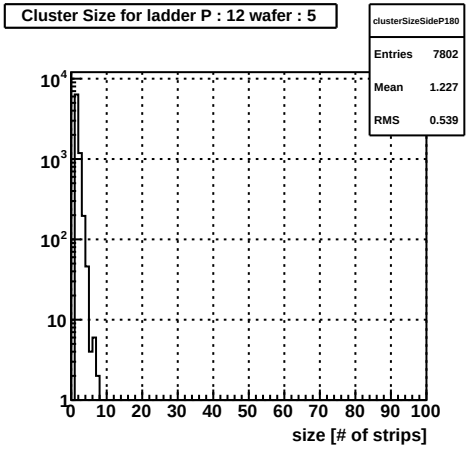

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 10932
Mean 1.449
RMS 0.7427
size [# of strips]

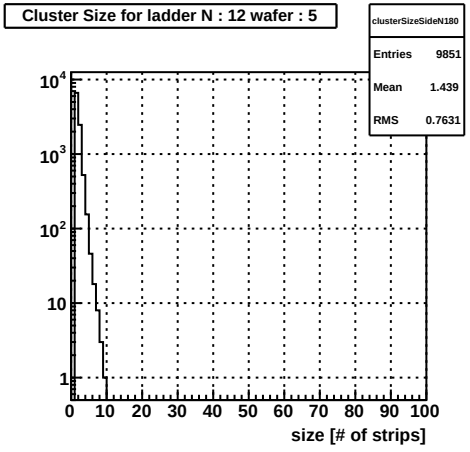

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 8546
Mean 1.47
RMS 0.8087
size [# of strips]

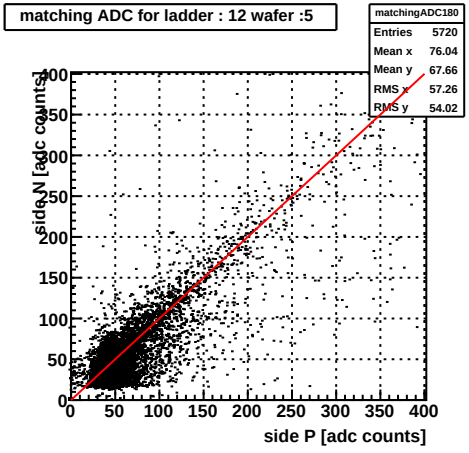

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 7232
Mean x 73.34
Mean y 58.22
RMS x 55.55
RMS y 47.37
side N [adc counts]
side P [adc counts]

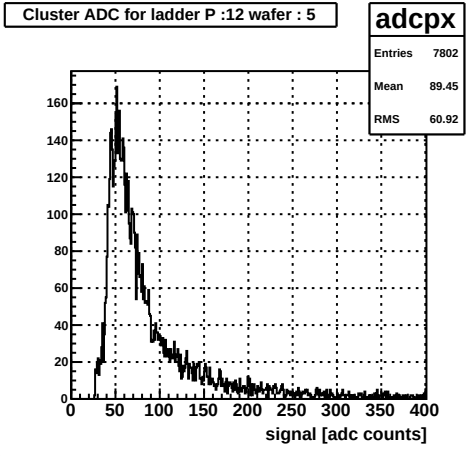

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 10932
Mean 82.09
RMS 64.16
signal [adc counts]

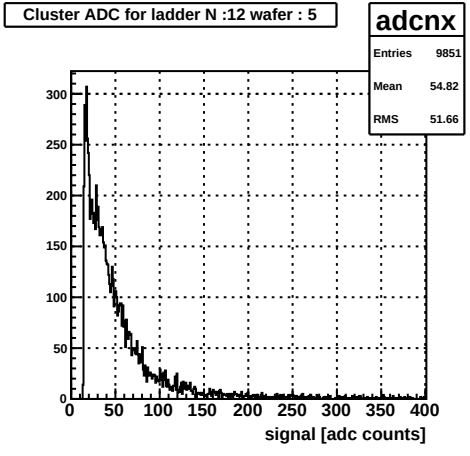

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 8546
Mean 55.82
RMS 48.55
signal [adc counts]

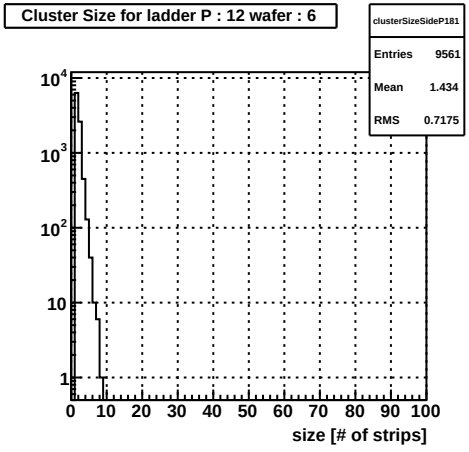

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 7802
Mean 1.227
RMS 0.539
size [# of strips]

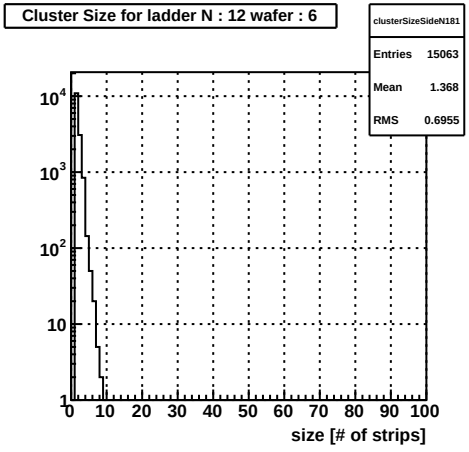

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 9851
Mean 1.439
RMS 0.7631
size [# of strips]

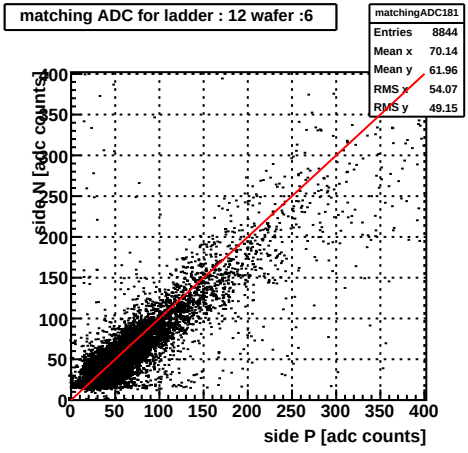

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 5720
Mean x 76.04
Mean y 67.66
RMS x 57.26
RMS y 54.02
side N [adc counts]
side P [adc counts]

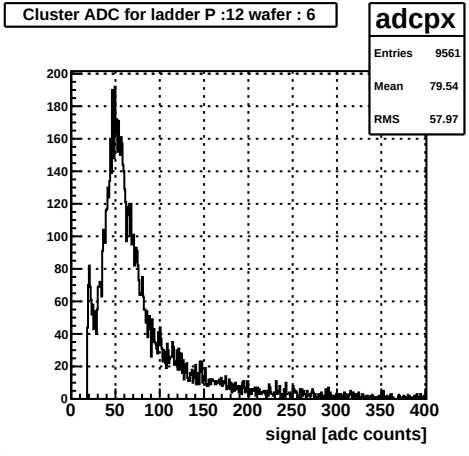

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 7802
Mean 89.45
RMS 60.92
signal [adc counts]

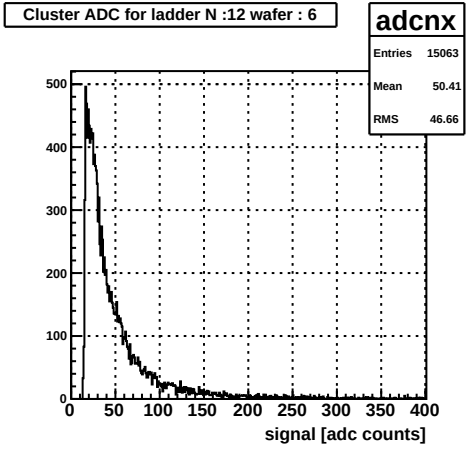

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 9851
Mean 54.82
RMS 51.66
signal [adc counts]

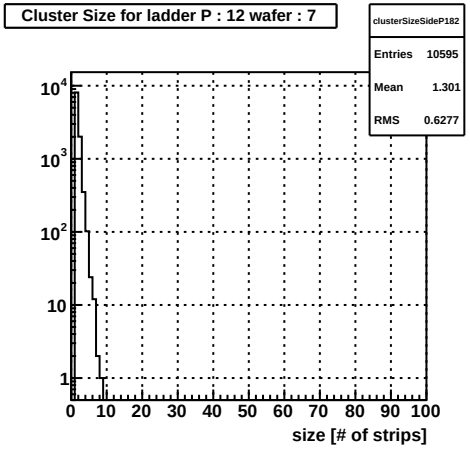

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 9561
Mean 1.434
RMS 0.7175
size [# of strips]

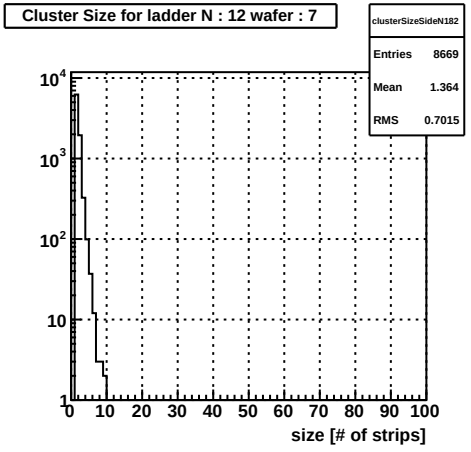

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 15063
Mean 1.368
RMS 0.6955
size [# of strips]

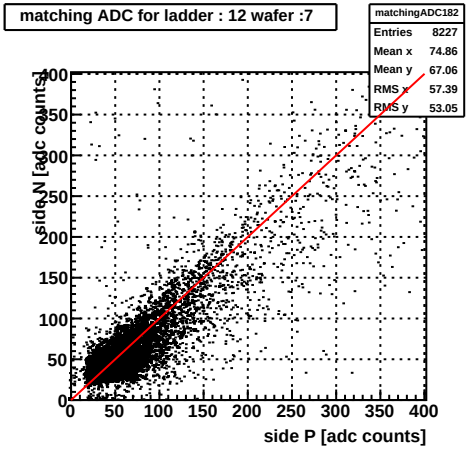

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 8844
Mean x 70.14
Mean y 61.96
RMS x 54.07
RMS y 49.15
side N [adc counts]
side P [adc counts]

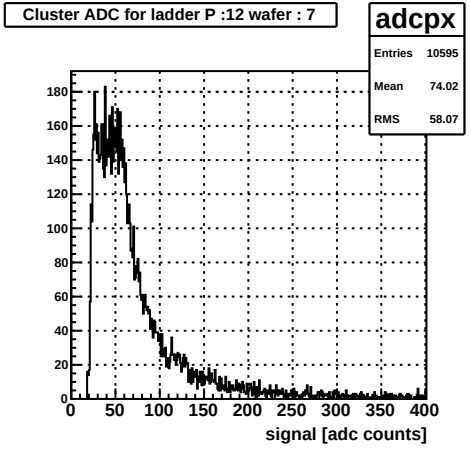

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 9561
Mean 79.54
RMS 57.97
signal [adc counts]

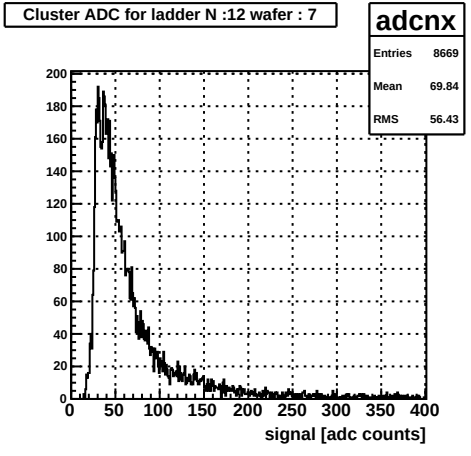

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 15063
Mean 50.41
RMS 46.66
signal [adc counts]

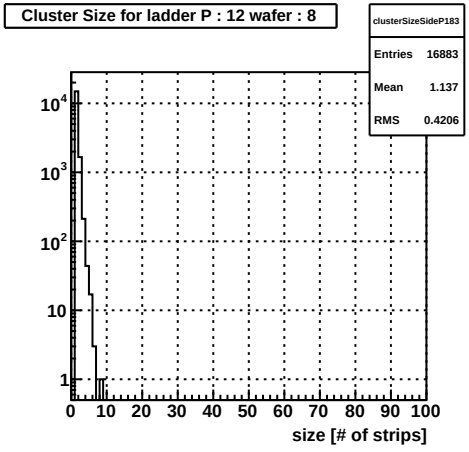

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 10595
Mean 1.301
RMS 0.6277
size [# of strips]

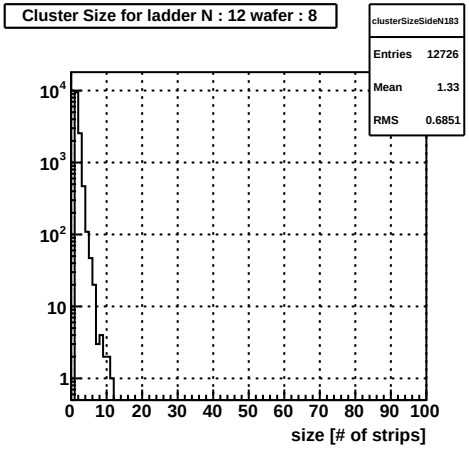

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 8669
Mean 1.364
RMS 0.7015
size [# of strips]

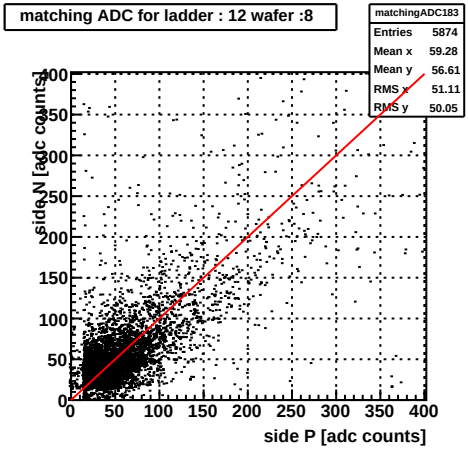

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 8227
Mean x 74.86
Mean y 67.06
RMS x 57.39
RMS y 53.05
side N [adc counts]
side P [adc counts]

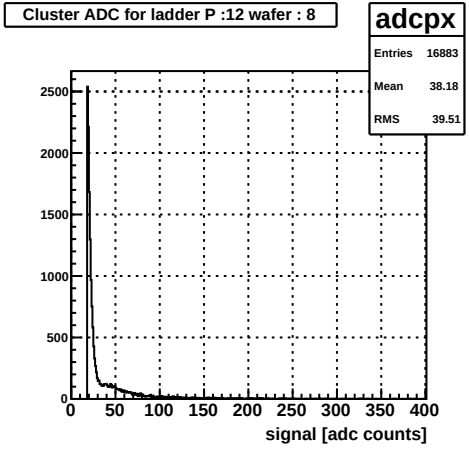

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 10595
Mean 74.02
RMS 58.07
signal [adc counts]

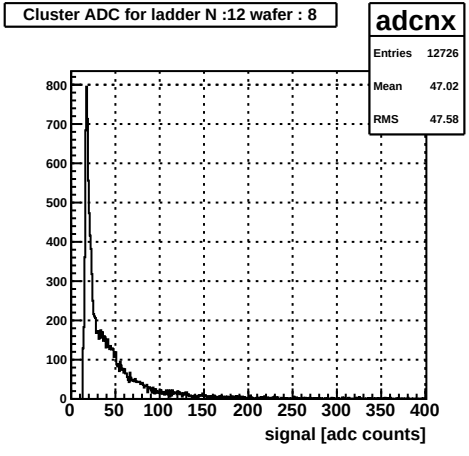

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 8669
Mean 69.84
RMS 56.43
signal [adc counts]

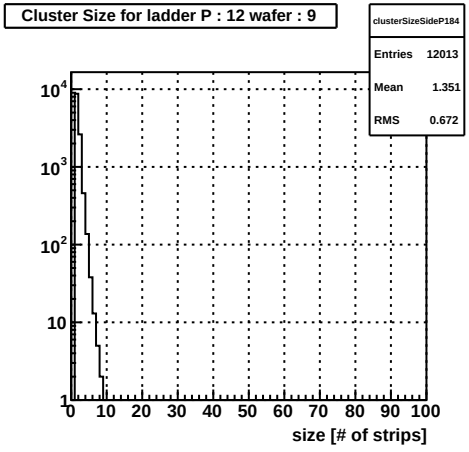

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 16883
Mean 1.137
RMS 0.4206
size [# of strips]

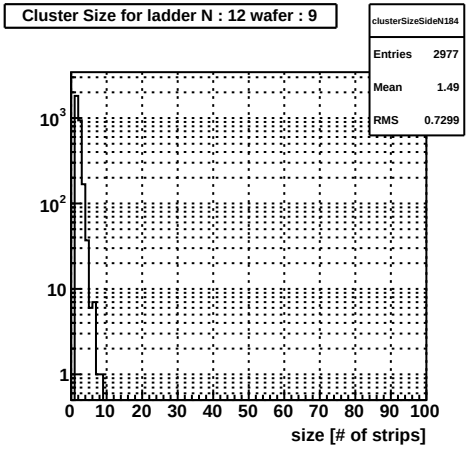

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 12726
Mean 1.33
RMS 0.6851
size [# of strips]

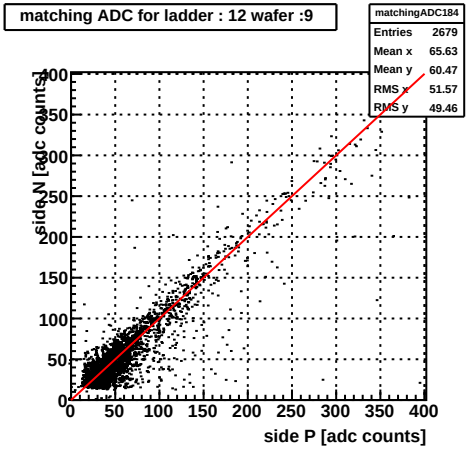

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 5874
Mean x 59.28
Mean y 56.61
RMS x 51.11
RMS y 50.05
side N [adc counts]
side P [adc counts]

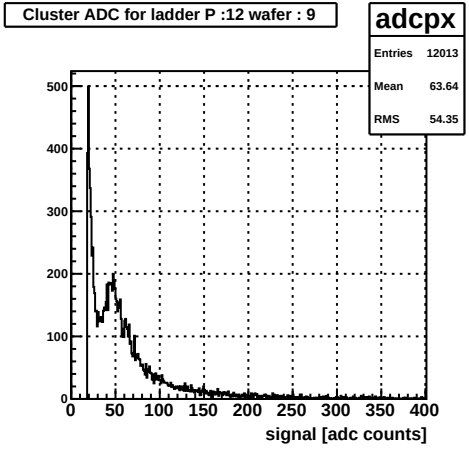

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 16883
Mean 38.18
RMS 39.51
signal [adc counts]

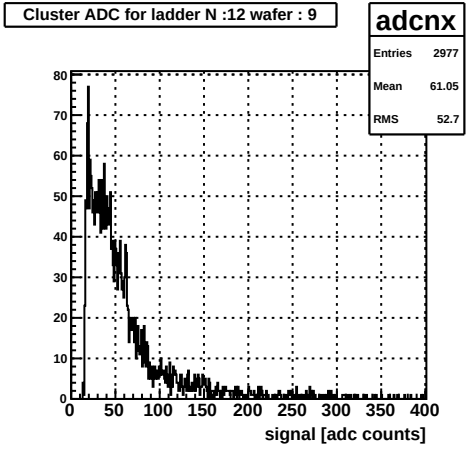

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 12726
Mean 47.02
RMS 47.58
signal [adc counts]

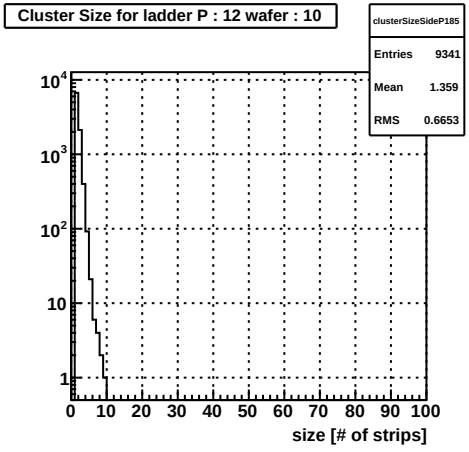

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 12013
Mean 1.351
RMS 0.672
size [# of strips]

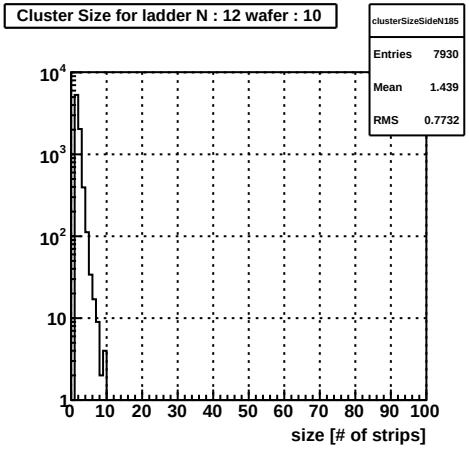

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2977
Mean 1.49
RMS 0.7299
size [# of strips]

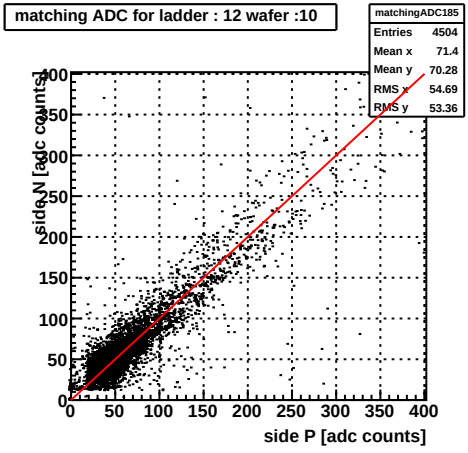

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 2679
Mean x 65.63
Mean y 60.47
RMS x 51.57
RMS y 49.46
side N [adc counts]
side P [adc counts]

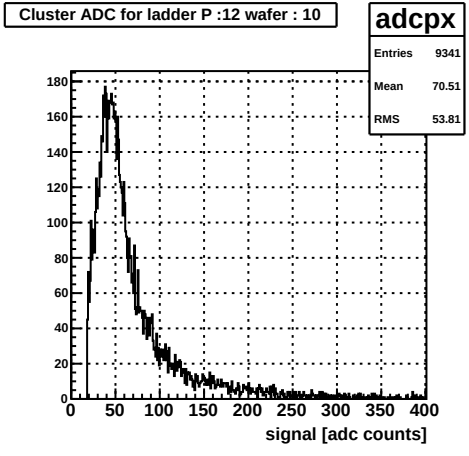

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 12013
Mean 63.64
RMS 54.35
signal [adc counts]

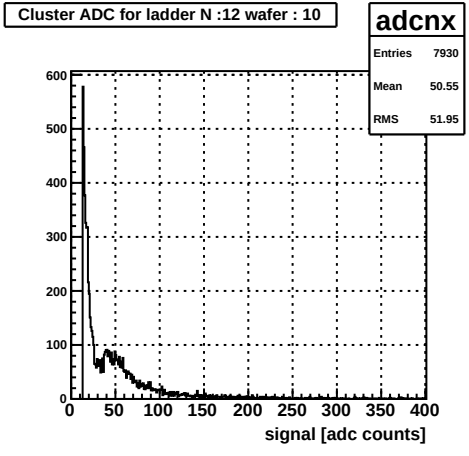

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2977
Mean 61.05
RMS 52.7
signal [adc counts]

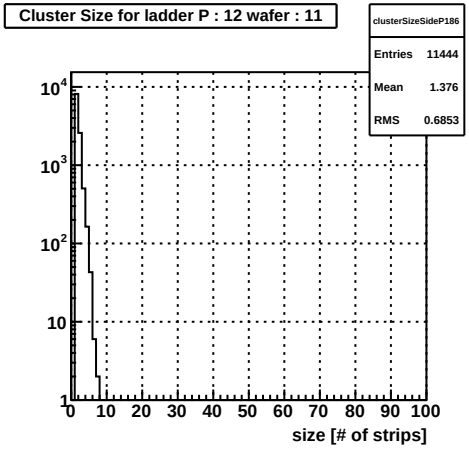

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 9341
Mean 1.359
RMS 0.6653
size [# of strips]

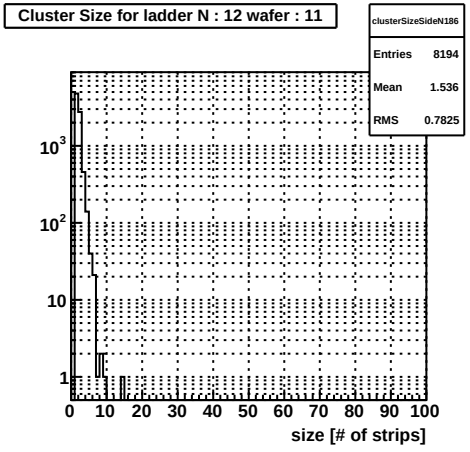

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 7930
Mean 1.439
RMS 0.7732
size [# of strips]

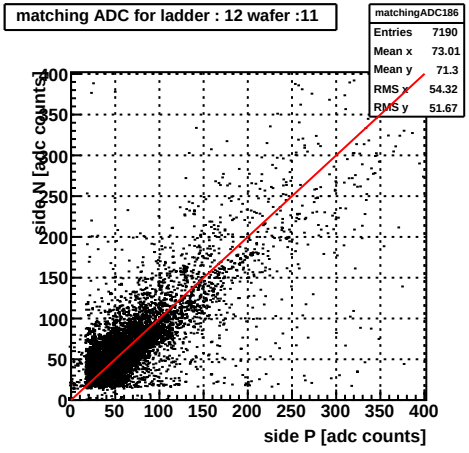

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 4504
Mean x 71.4
Mean y 70.28
RMS x 54.69
RMS y 53.36
side N [adc counts]
side P [adc counts]

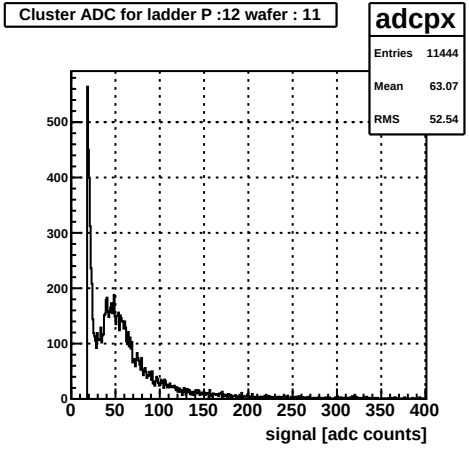

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 9341
Mean 70.51
RMS 53.81
signal [adc counts]

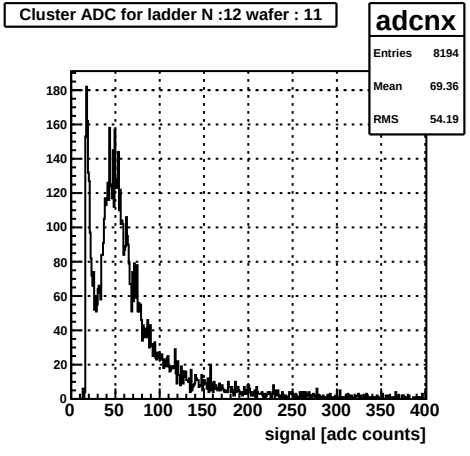

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 7930
Mean 50.55
RMS 51.95
signal [adc counts]

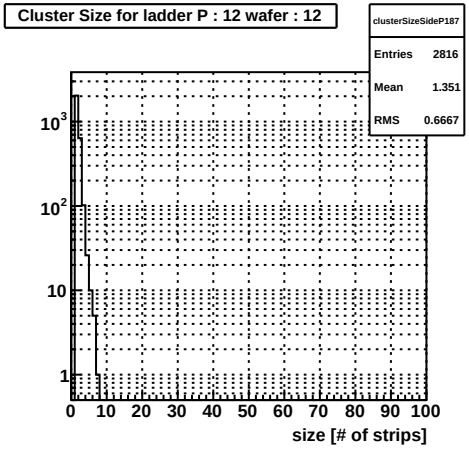

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 11444
Mean 1.376
RMS 0.6853
size [# of strips]

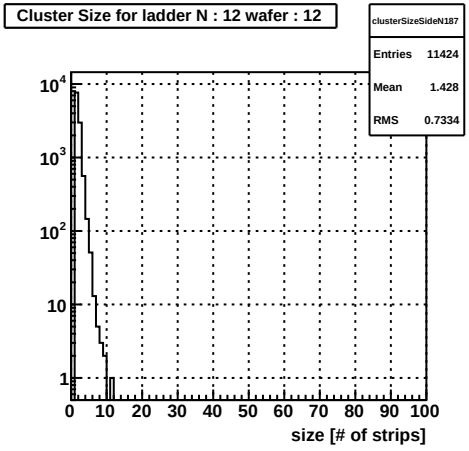

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 8194
Mean 1.536
RMS 0.7825
size [# of strips]

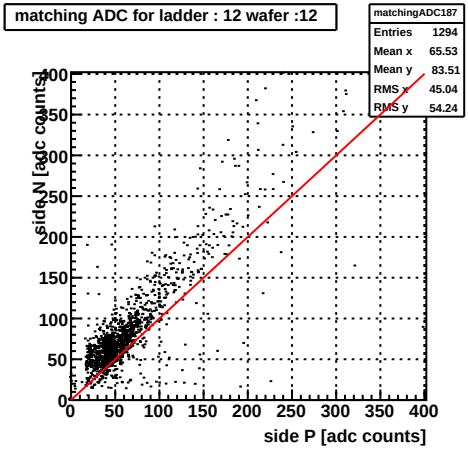

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 7190
Mean x 73.01
Mean y 71.3
RMS x 54.32
RMS y 51.67
side N [adc counts]
side P [adc counts]

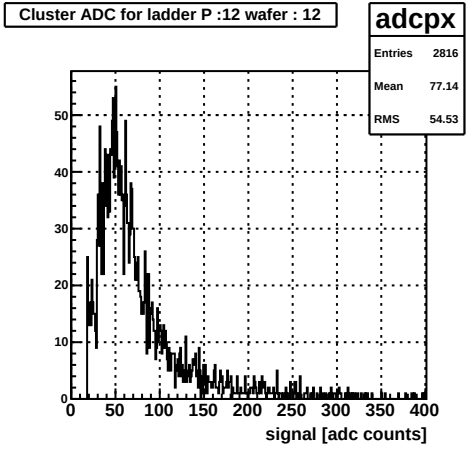

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 11444
Mean 63.07
RMS 52.54
signal [adc counts]

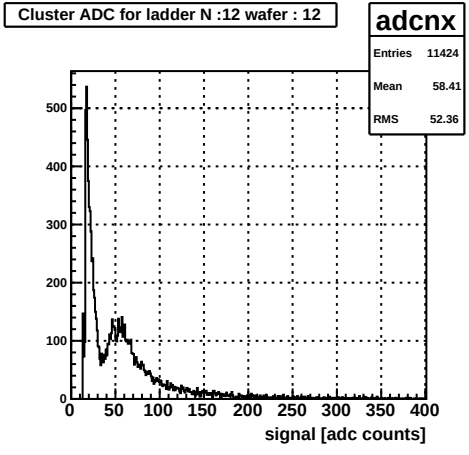

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 8194
Mean 69.36
RMS 54.19
signal [adc counts]

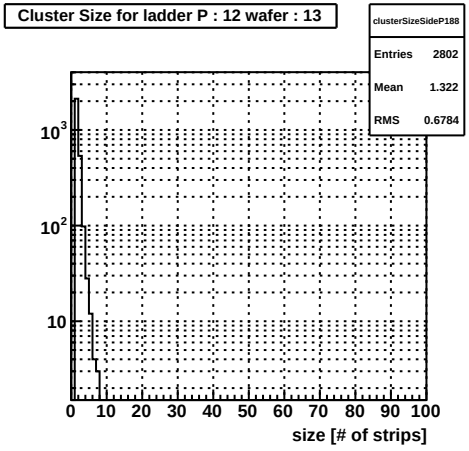

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 2816
Mean 1.351
RMS 0.6667
size [# of strips]

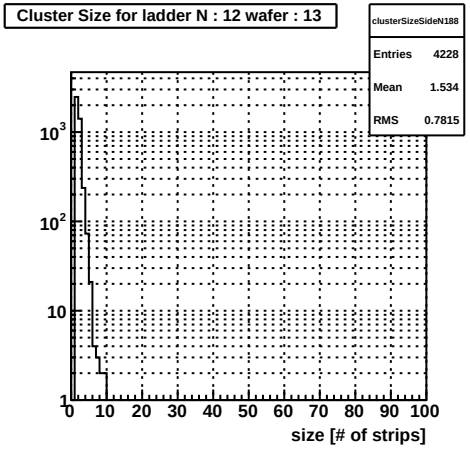

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 11424
Mean 1.428
RMS 0.7334
size [# of strips]

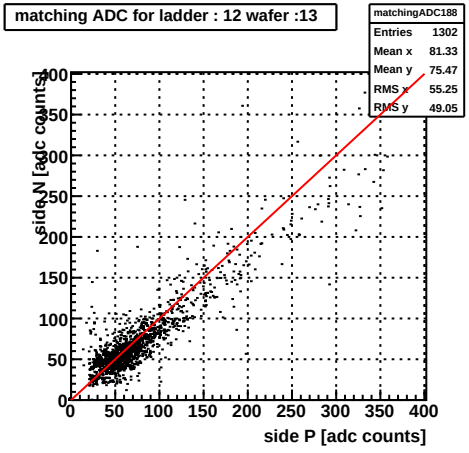

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1294
Mean x 65.53
Mean y 83.51
RMS x 45.04
RMS y 54.24
side N [adc counts]
side P [adc counts]

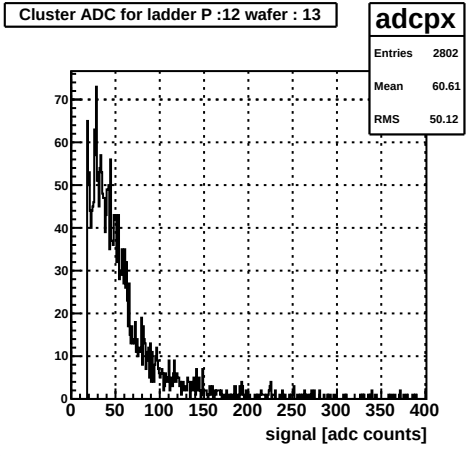

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 2816
Mean 77.14
RMS 54.53
signal [adc counts]

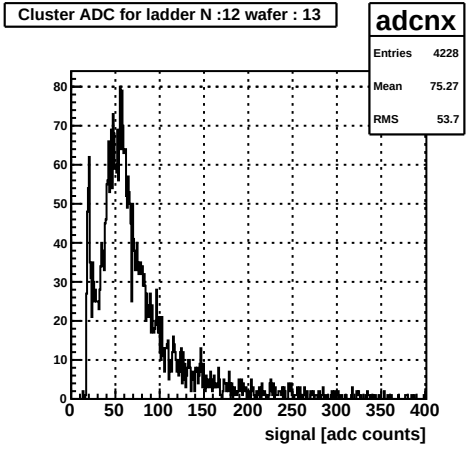

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 11424
Mean 58.41
RMS 52.36
signal [adc counts]

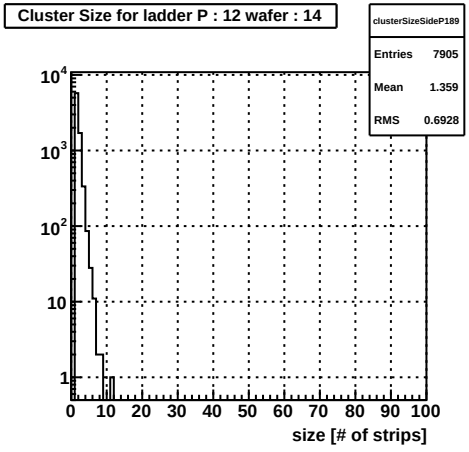

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 2802
Mean 1.322
RMS 0.6784
size [# of strips]

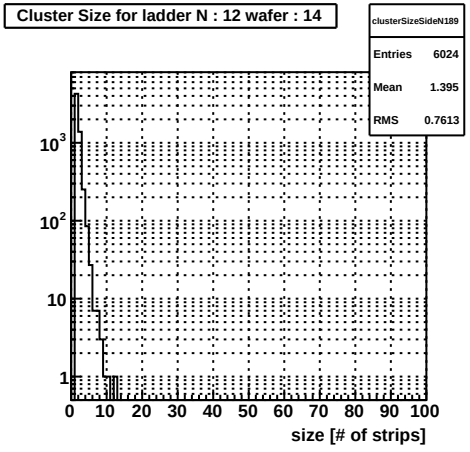

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 4228
Mean 1.534
RMS 0.7815
size [# of strips]

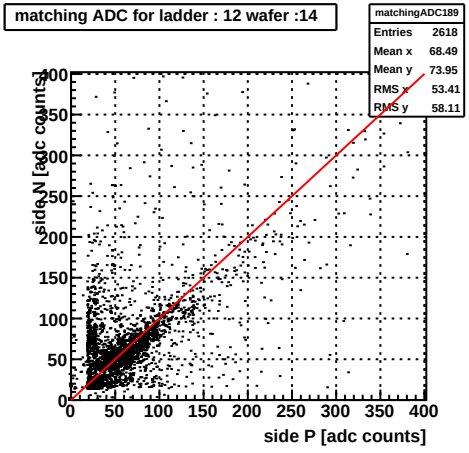

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1302
Mean x 81.33
Mean y 75.47
RMS x 55.25
RMS y 49.05
side N [adc counts]
side P [adc counts]

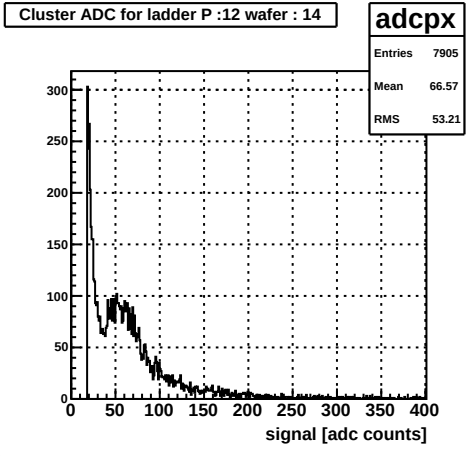

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 2802
Mean 60.61
RMS 50.12
signal [adc counts]

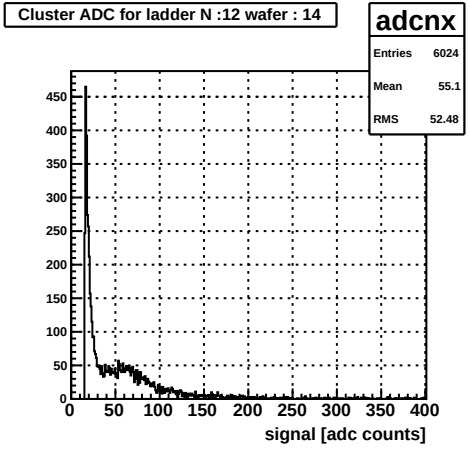

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 4228
Mean 75.27
RMS 53.7
signal [adc counts]

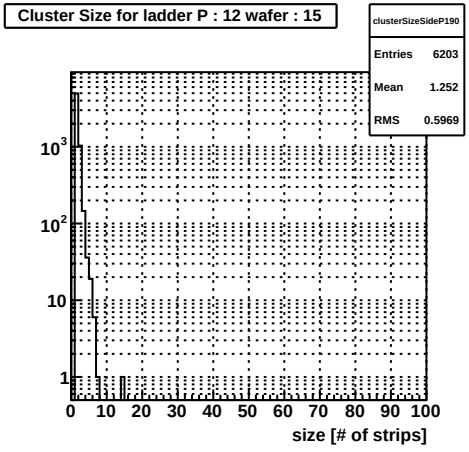

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 7905
Mean 1.359
RMS 0.6928
size [# of strips]

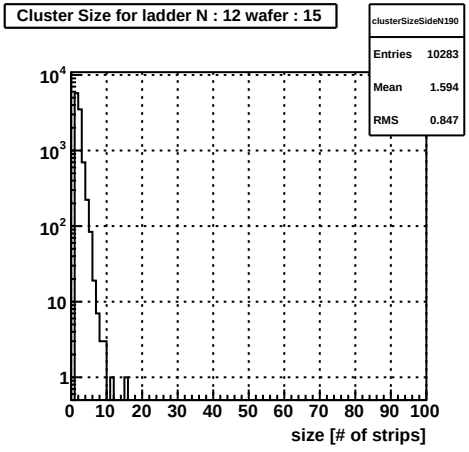

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 6024
Mean 1.395
RMS 0.7613
size [# of strips]

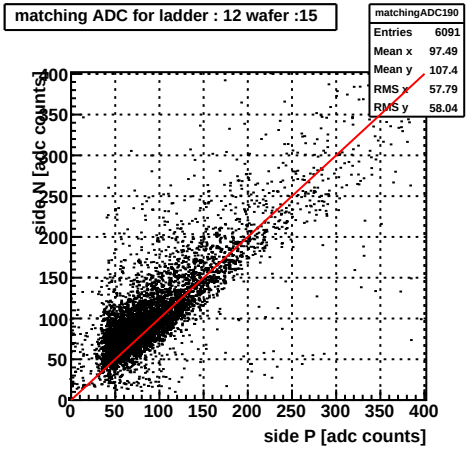

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 2618
Mean x 68.49
Mean y 73.95
RMS x 53.41
RMS y 58.11
side N [adc counts]
side P [adc counts]

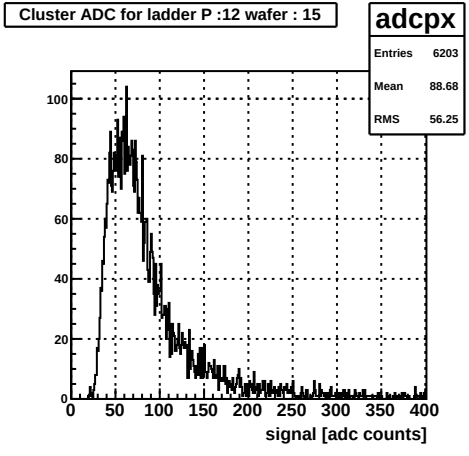

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 7905
Mean 66.57
RMS 53.21
signal [adc counts]

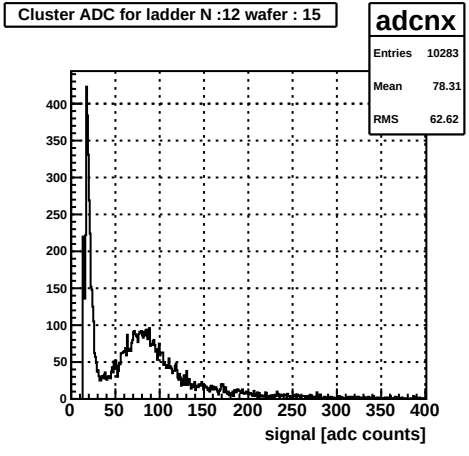

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 6024
Mean 55.1
RMS 52.48
signal [adc counts]

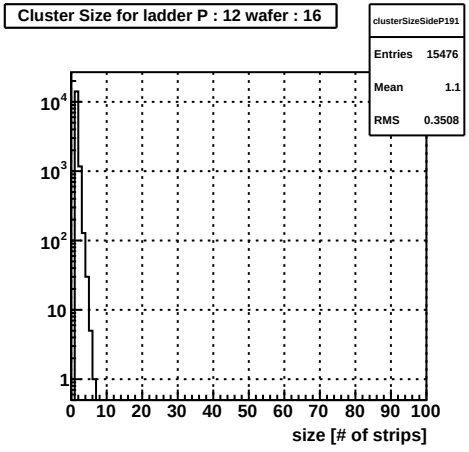

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 6203
Mean 1.252
RMS 0.5969
size [# of strips]

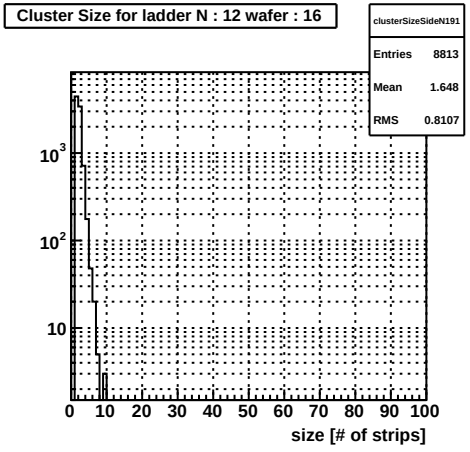

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 10283
Mean 1.594
RMS 0.847
size [# of strips]

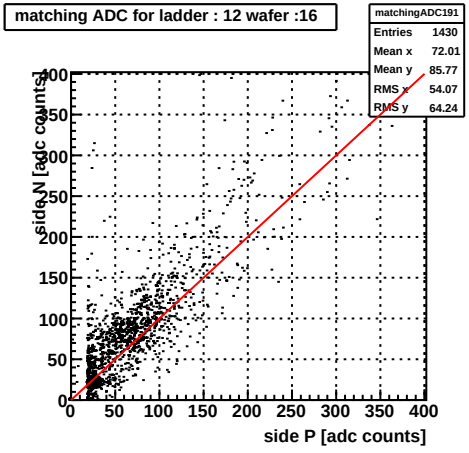

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 6091
Mean x 97.49
Mean y 107.4
RMS x 57.79
RMS y 58.04
side N [adc counts]
side P [adc counts]

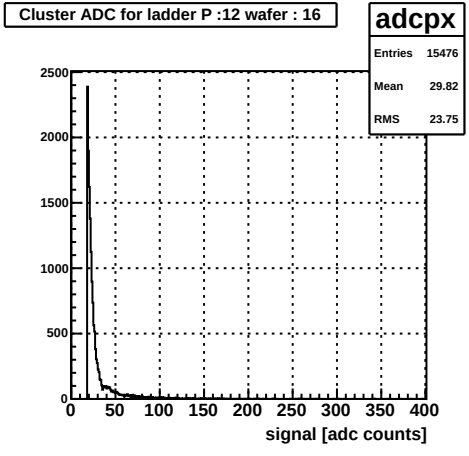

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 6203
Mean 88.68
RMS 56.25
signal [adc counts]

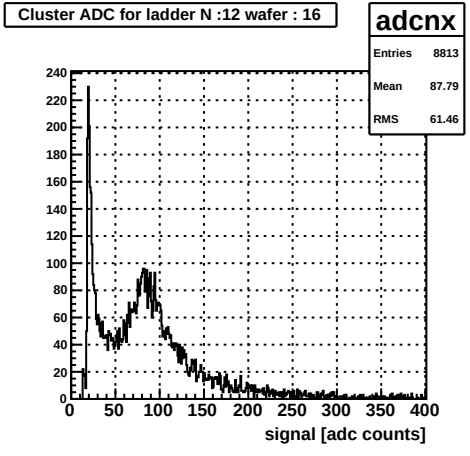

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 10283
Mean 78.31
RMS 62.62
signal [adc counts]

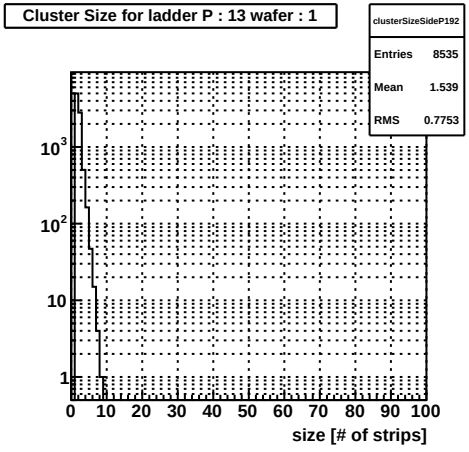

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 15476
Mean 1.1
RMS 0.3508
size [# of strips]

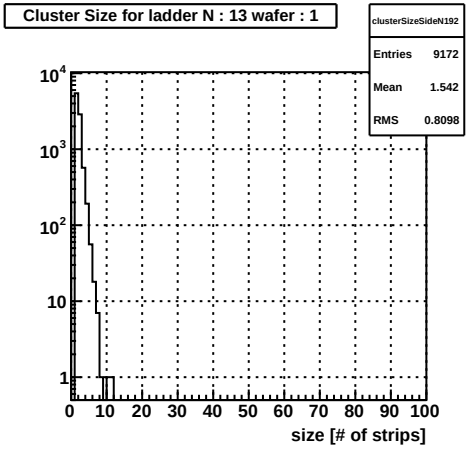

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 8813
Mean 1.648
RMS 0.8107
size [# of strips]

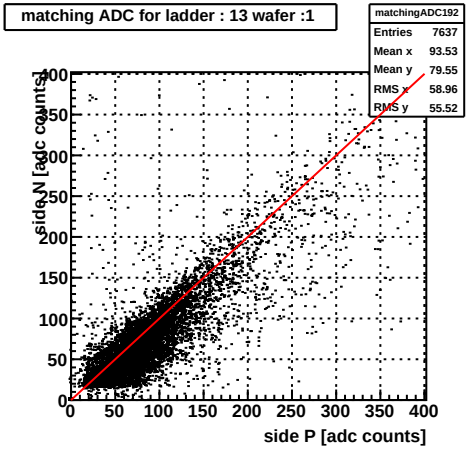

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1430
Mean x 72.01
Mean y 85.77
RMS x 54.07
RMS y 64.24
side N [adc counts]
side P [adc counts]

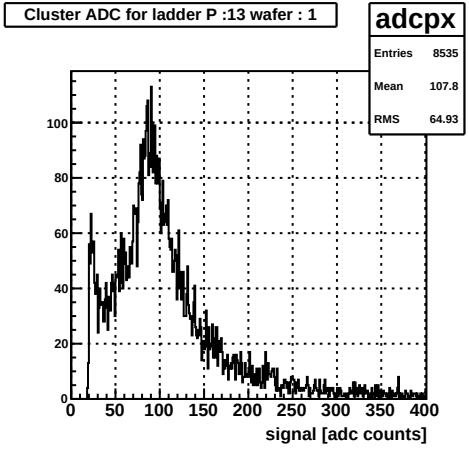

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 15476
Mean 29.82
RMS 23.75
signal [adc counts]

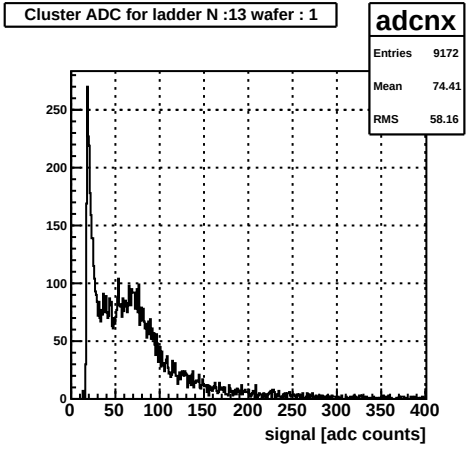

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 8813
Mean 87.79
RMS 61.46
signal [adc counts]

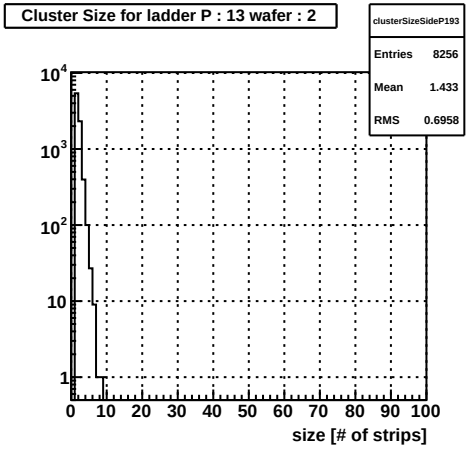

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 8535
Mean 1.539
RMS 0.7753
size [# of strips]

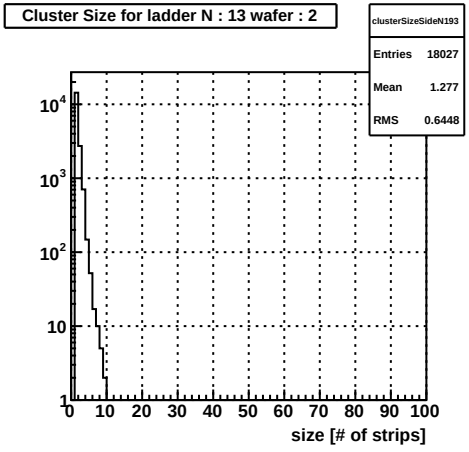

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 9172
Mean 1.542
RMS 0.8098
size [# of strips]

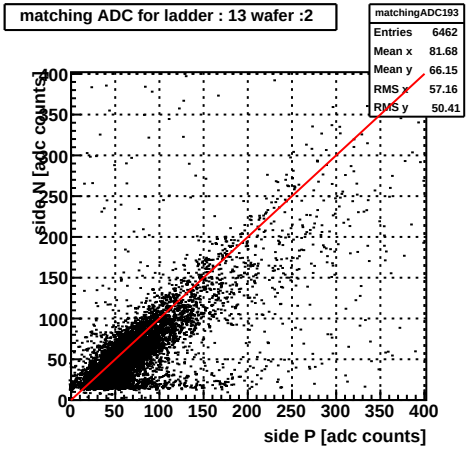

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 7637
Mean x 93.53
Mean y 79.55
RMS x 58.96
RMS y 55.52
side N [adc counts]
side P [adc counts]

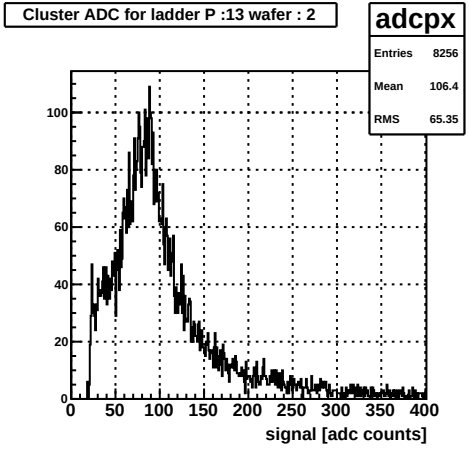

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 8535
Mean 107.8
RMS 64.93
signal [adc counts]

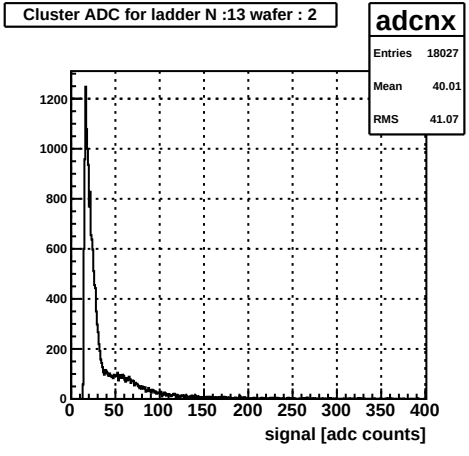

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 9172
Mean 74.41
RMS 58.16
signal [adc counts]

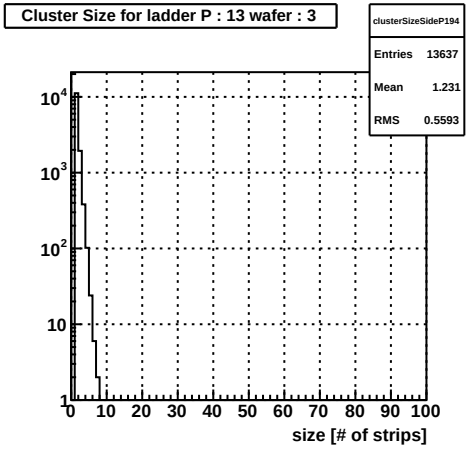

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 8256
Mean 1.433
RMS 0.6958
size [# of strips]

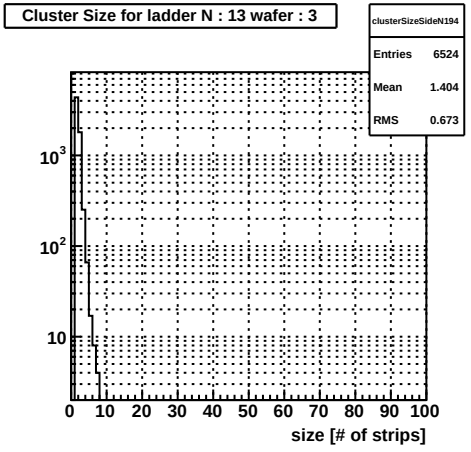

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 18027
Mean 1.277
RMS 0.6448
size [# of strips]

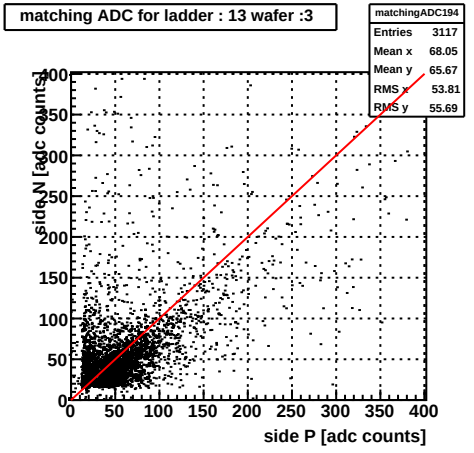

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 6462
Mean x 81.68
Mean y 66.15
RMS x 57.16
RMS y 50.41
side N [adc counts]
side P [adc counts]

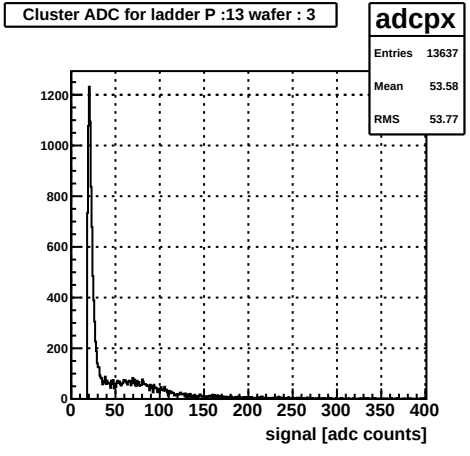

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 8256
Mean 106.4
RMS 65.35
signal [adc counts]

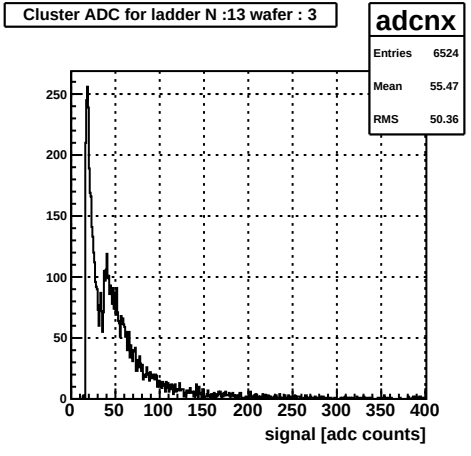

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 18027
Mean 40.01
RMS 41.07
signal [adc counts]

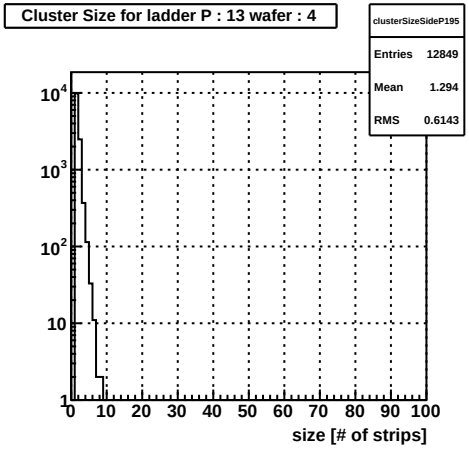

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 13637
Mean 1.231
RMS 0.5593
size [# of strips]

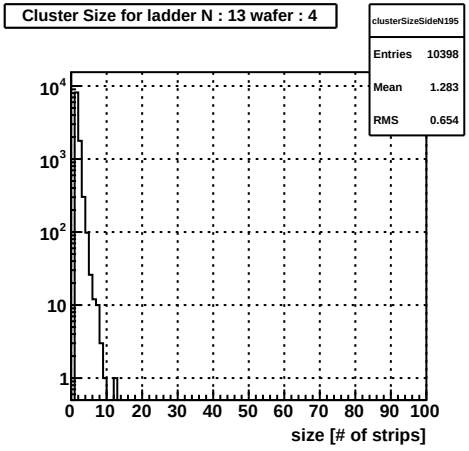

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 6524
Mean 1.404
RMS 0.673
size [# of strips]

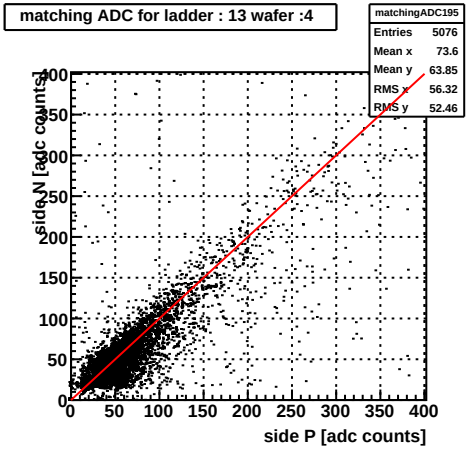

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 3117
Mean x 68.05
Mean y 65.67
RMS x 53.81
RMS y 55.69
side N [adc counts]
side P [adc counts]

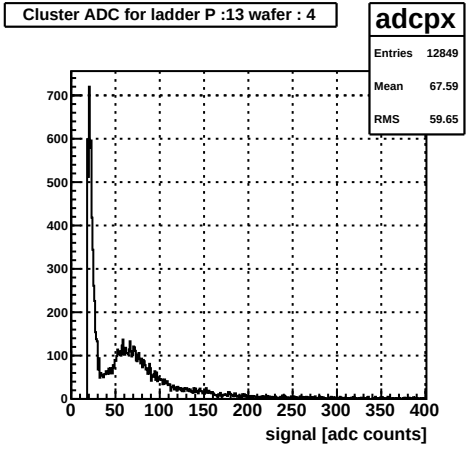

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 13637
Mean 53.58
RMS 53.77
signal [adc counts]

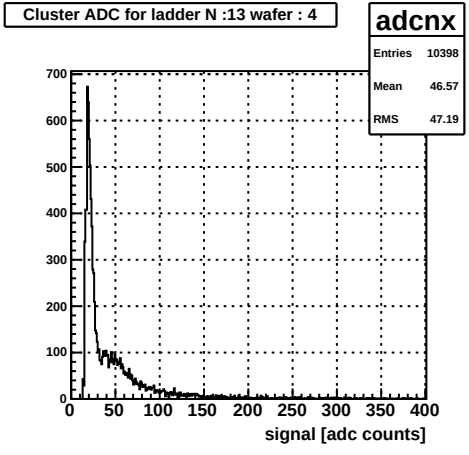

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 6524
Mean 55.47
RMS 50.36
signal [adc counts]

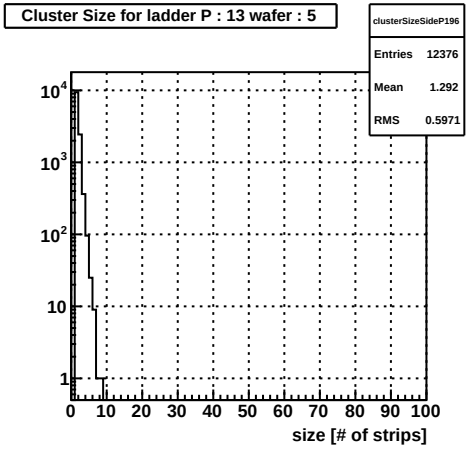

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 12849
Mean 1.294
RMS 0.6143
size [# of strips]

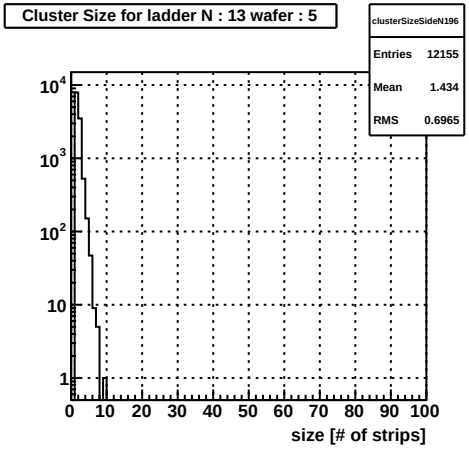

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 10398
Mean 1.283
RMS 0.654
size [# of strips]

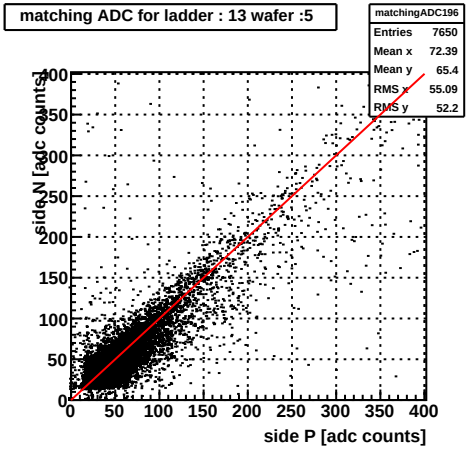

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 5076
Mean x 73.6
Mean y 63.85
RMS x 56.32
RMS y 52.46
side N [adc counts]
side P [adc counts]

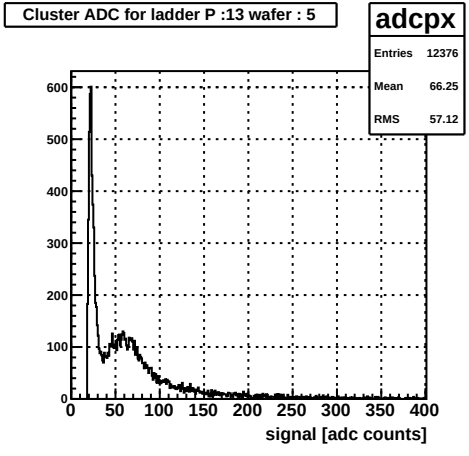

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 12849
Mean 67.59
RMS 59.65
signal [adc counts]

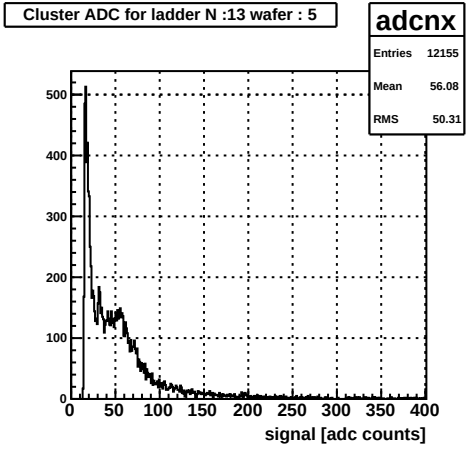

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 10398
Mean 46.57
RMS 47.19
signal [adc counts]

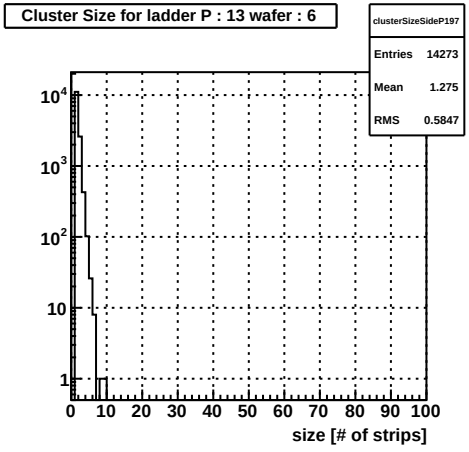

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 12376
Mean 1.292
RMS 0.5971
size [# of strips]

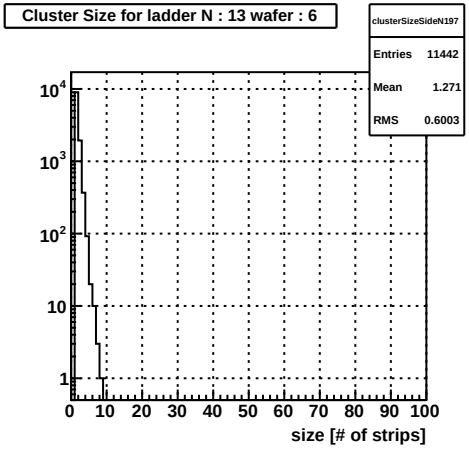

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 12155
Mean 1.434
RMS 0.6965
size [# of strips]

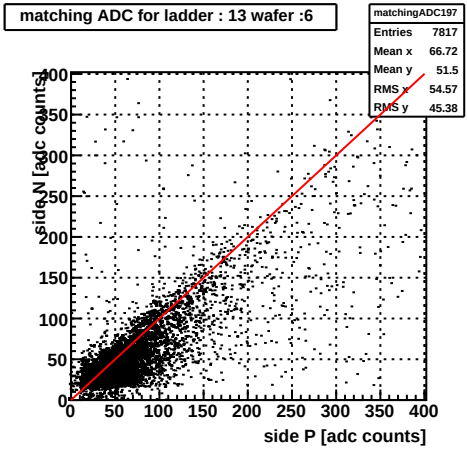

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 7650
Mean x 72.39
Mean y 65.4
RMS x 55.09
RMS y 52.2
side N [adc counts]
side P [adc counts]

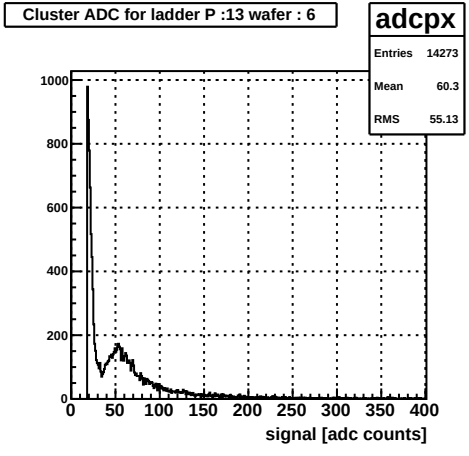

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 12376
Mean 66.25
RMS 57.12
signal [adc counts]

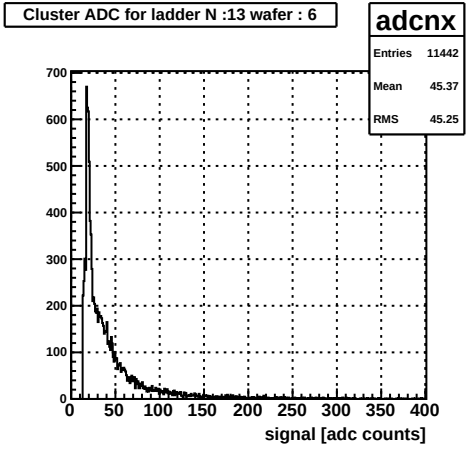

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 12155
Mean 56.08
RMS 50.31
signal [adc counts]

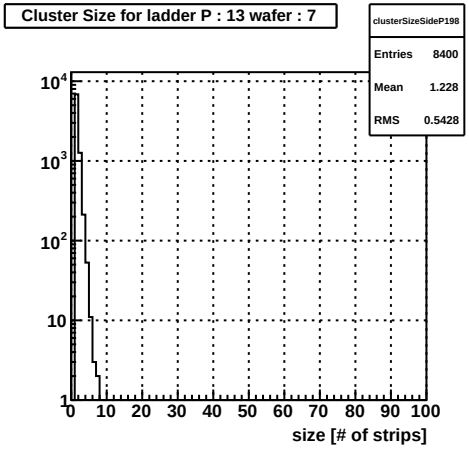

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 14273
Mean 1.275
RMS 0.5847
size [# of strips]

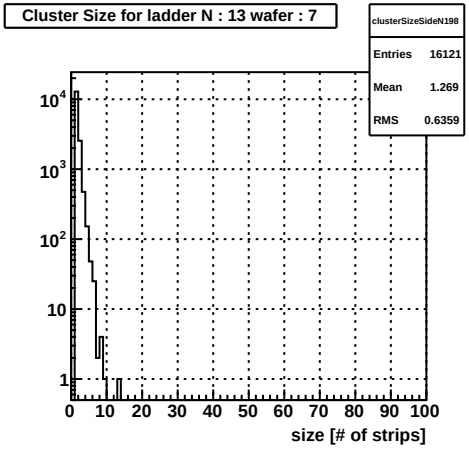

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 11442
Mean 1.271
RMS 0.6003
size [# of strips]

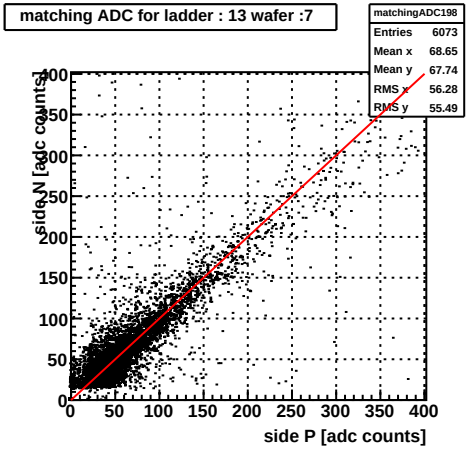

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 7817
Mean x 66.72
Mean y 51.5
RMS x 54.57
RMS y 45.38
side N [adc counts]
side P [adc counts]

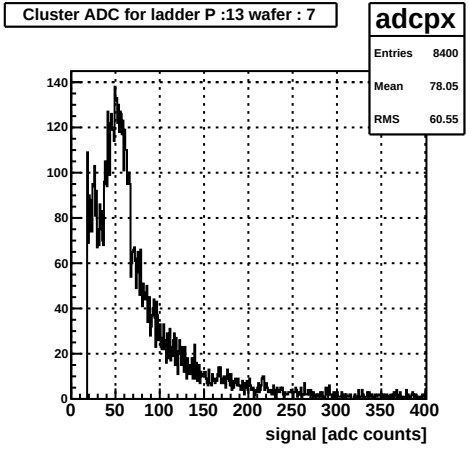

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 14273
Mean 60.3
RMS 55.13
signal [adc counts]

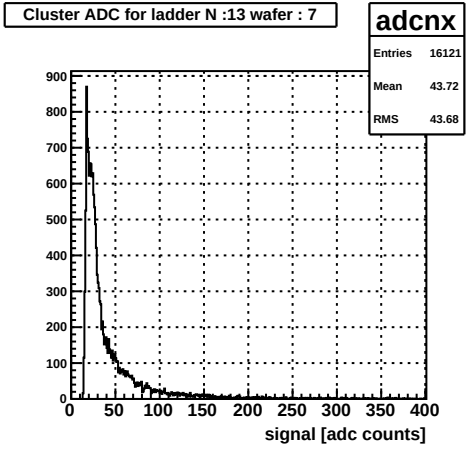

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 11442
Mean 45.37
RMS 45.25
signal [adc counts]

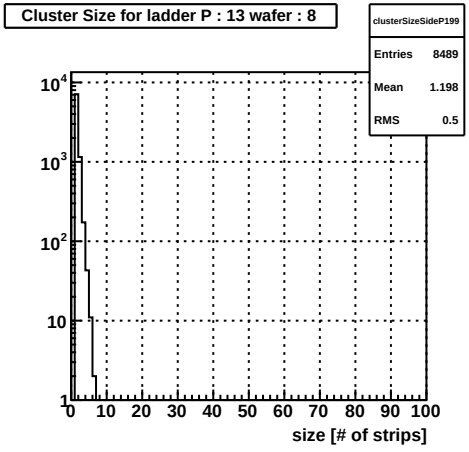

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 8400
Mean 1.228
RMS 0.5428
size [# of strips]

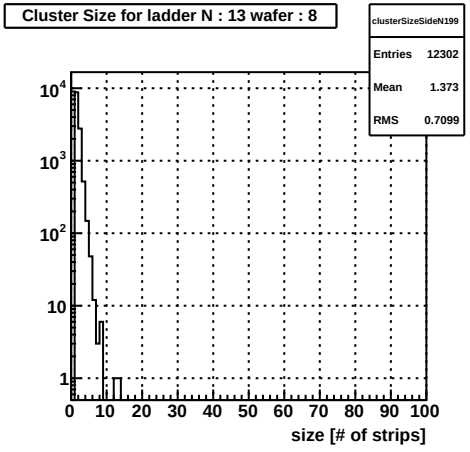

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 16121
Mean 1.269
RMS 0.6359
size [# of strips]

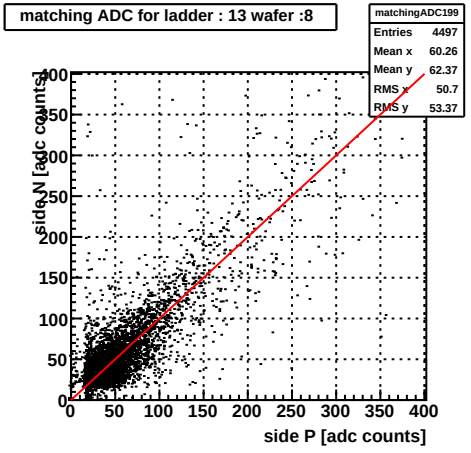

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 6073
Mean x 68.65
Mean y 67.74
RMS x 56.28
RMS y 55.49
side N [adc counts]
side P [adc counts]

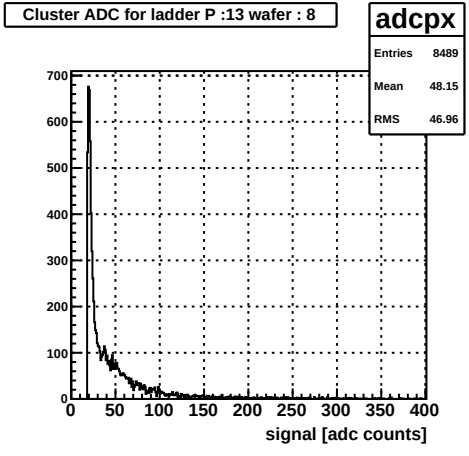

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 8400
Mean 78.05
RMS 60.55
signal [adc counts]

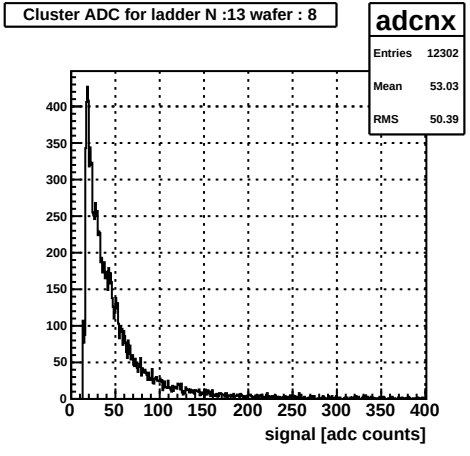

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 16121
Mean 43.72
RMS 43.68
signal [adc counts]

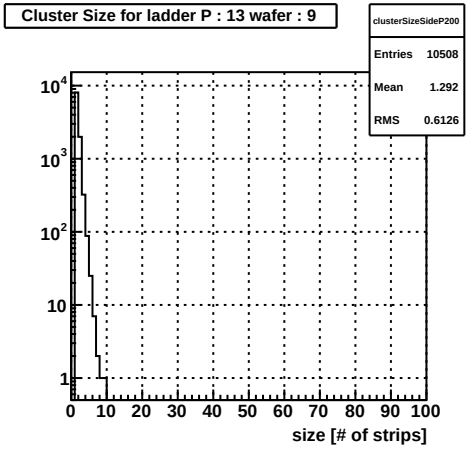

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8489
Mean 1.198
RMS 0.5
size [# of strips]

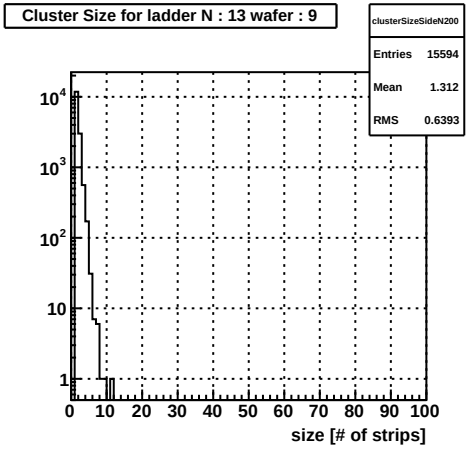

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 12302
Mean 1.373
RMS 0.7099
size [# of strips]

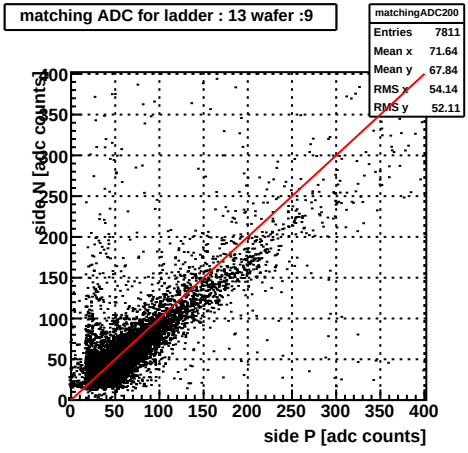

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 4497
Mean x 60.26
Mean y 62.37
RMS x 50.7
RMS y 53.37
side N [adc counts]
side P [adc counts]

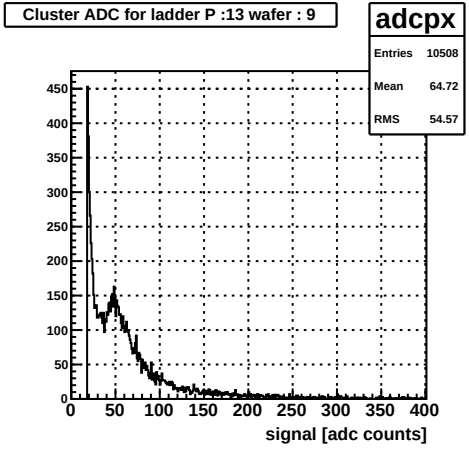

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8489
Mean 48.15
RMS 46.96
signal [adc counts]

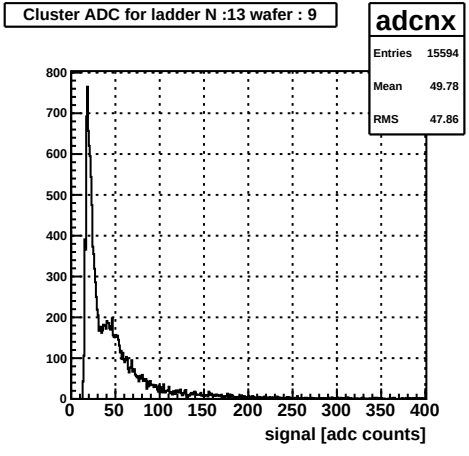

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 12302
Mean 53.03
RMS 50.39
signal [adc counts]

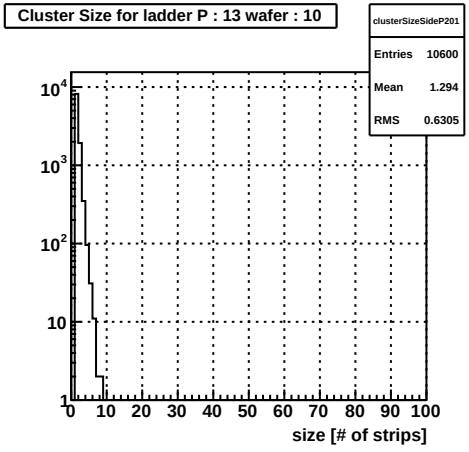

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 10508
Mean 1.292
RMS 0.6126
size [# of strips]

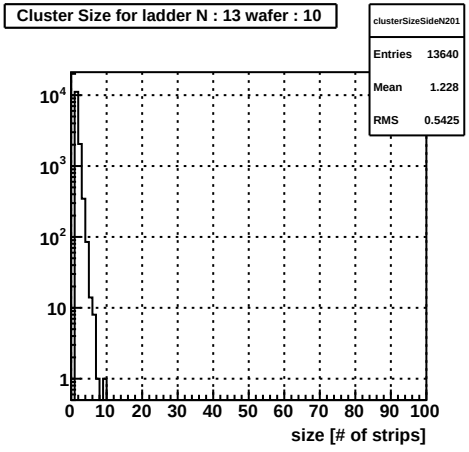

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 15594
Mean 1.312
RMS 0.6393
size [# of strips]

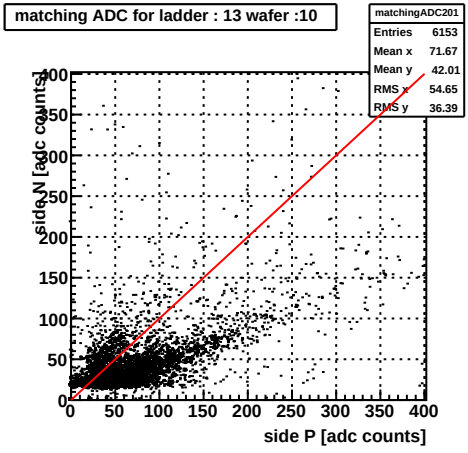

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 7811
Mean x 71.64
Mean y 67.84
RMS x 54.14
RMS y 52.11
side N [adc counts]
side P [adc counts]

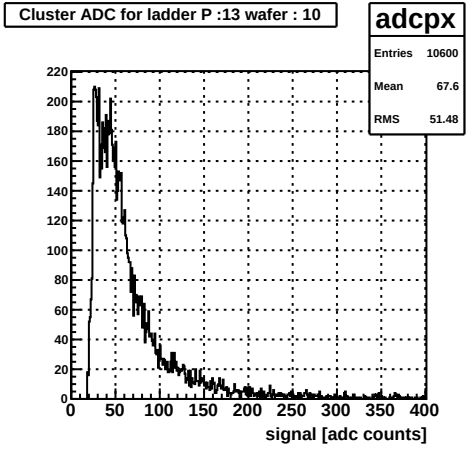

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 10508
Mean 64.72
RMS 54.57
signal [adc counts]

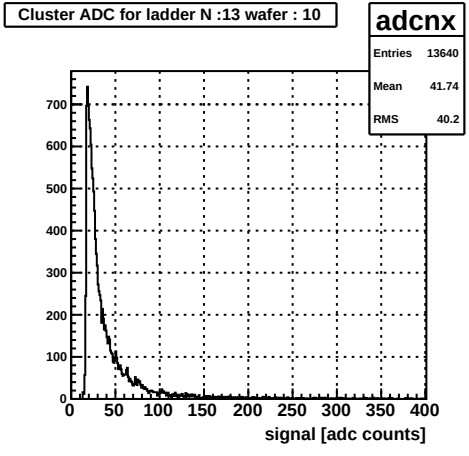

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 15594
Mean 49.78
RMS 47.86
signal [adc counts]

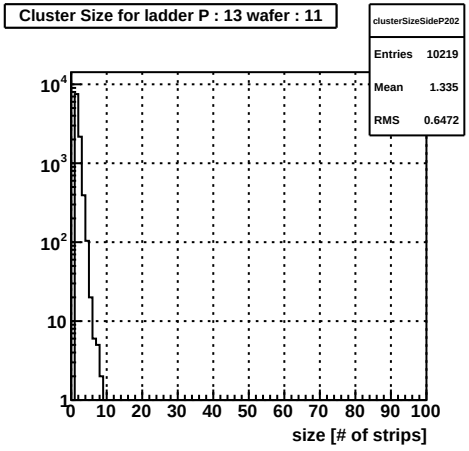

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 10600
Mean 1.294
RMS 0.6305
size [# of strips]

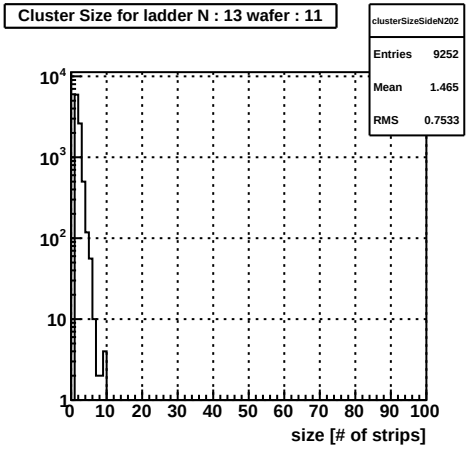

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 13640
Mean 1.228
RMS 0.5425
size [# of strips]

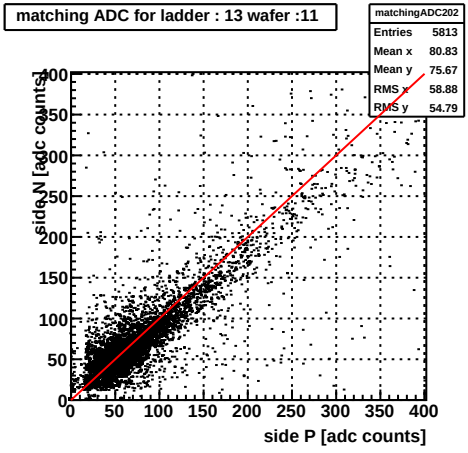

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 6153
Mean x 71.67
Mean y 42.01
RMS x 54.65
RMS y 36.39
side N [adc counts]
side P [adc counts]

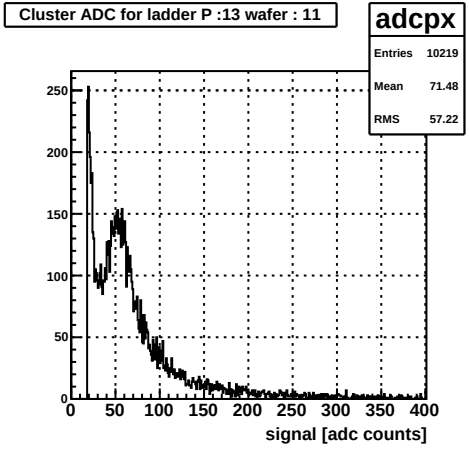

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 10600
Mean 67.6
RMS 51.48
signal [adc counts]

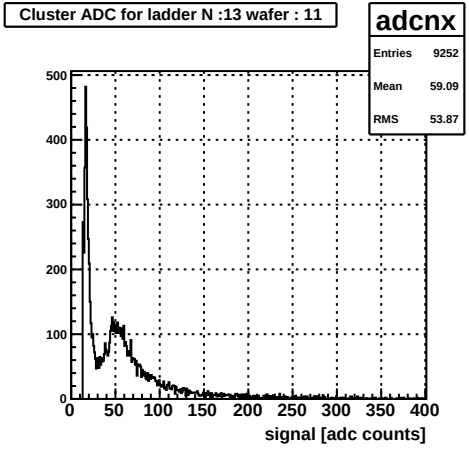

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 13640
Mean 41.74
RMS 40.2
signal [adc counts]

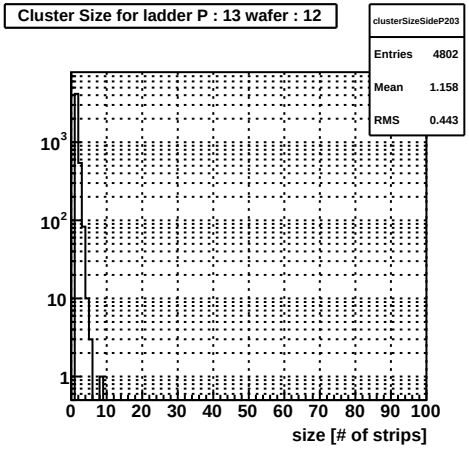

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 10219
Mean 1.335
RMS 0.6472
size [# of strips]

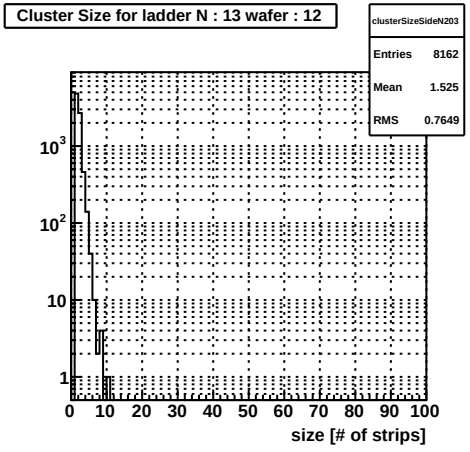

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 9252
Mean 1.465
RMS 0.7533
size [# of strips]

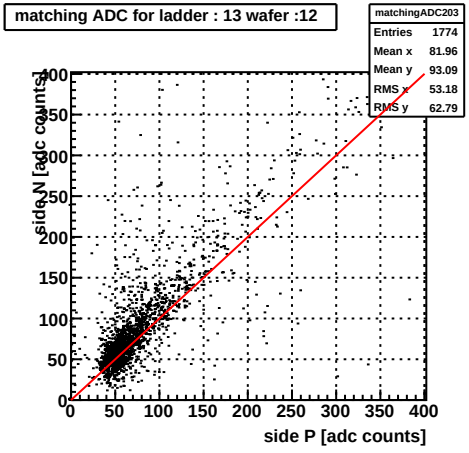

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 5813
Mean x 80.83
Mean y 75.67
RMS x 58.88
RMS y 54.79
side N [adc counts]
side P [adc counts]

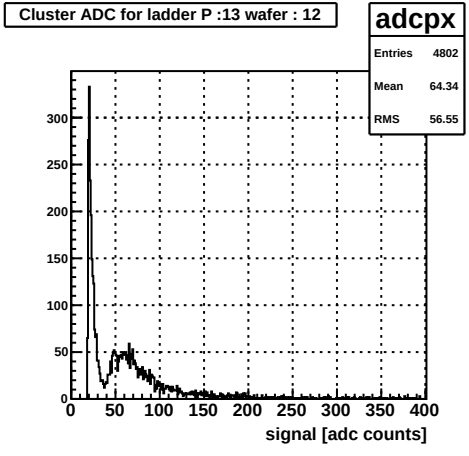

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 10219
Mean 71.48
RMS 57.22
signal [adc counts]

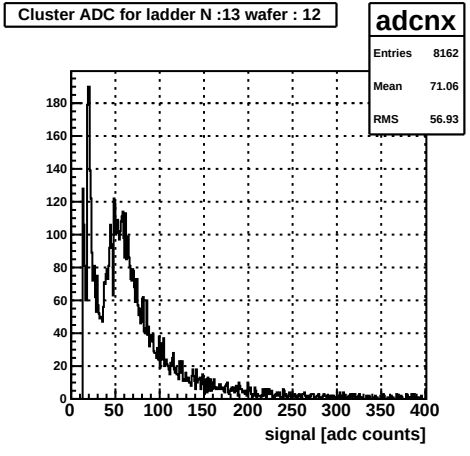

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 9252
Mean 59.09
RMS 53.87
signal [adc counts]

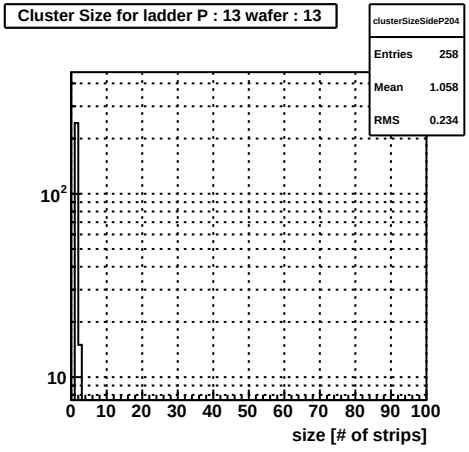

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4802
Mean 1.158
RMS 0.443
size [# of strips]

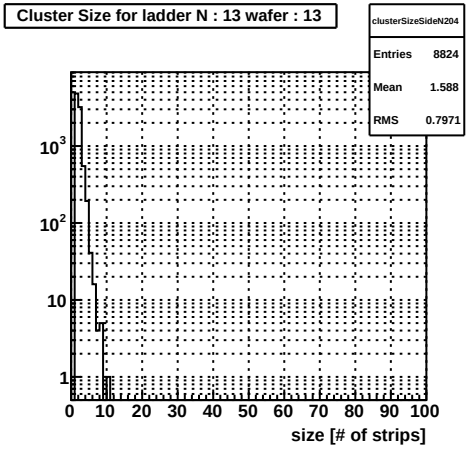

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 8162
Mean 1.525
RMS 0.7649
size [# of strips]

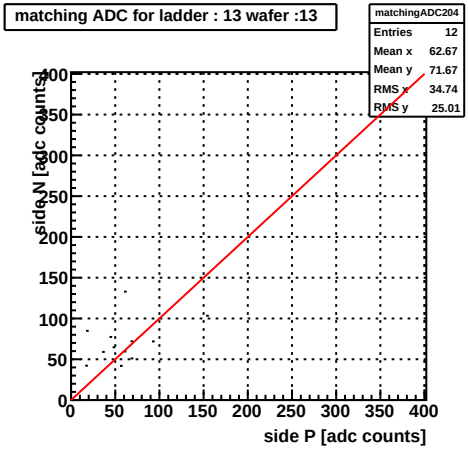

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1774
Mean x 81.96
Mean y 93.09
RMS x 53.18
RMS y 62.79
side N [adc counts]
side P [adc counts]

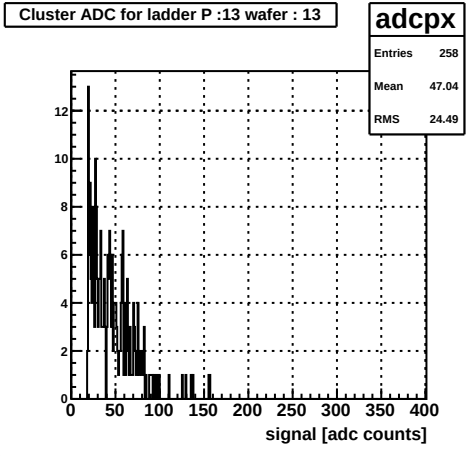

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4802
Mean 64.34
RMS 56.55
signal [adc counts]

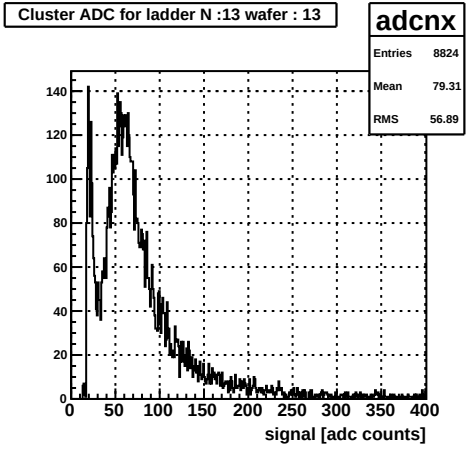

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 8162
Mean 71.06
RMS 56.93
signal [adc counts]

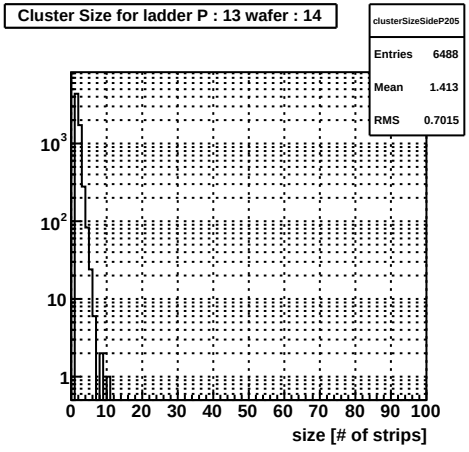

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 258
Mean 1.058
RMS 0.234
size [# of strips]

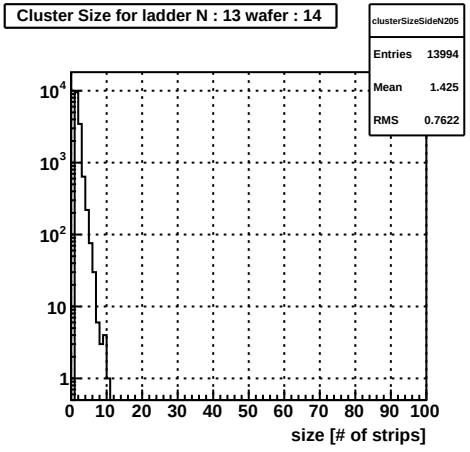

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 8824
Mean 1.588
RMS 0.7971
size [# of strips]

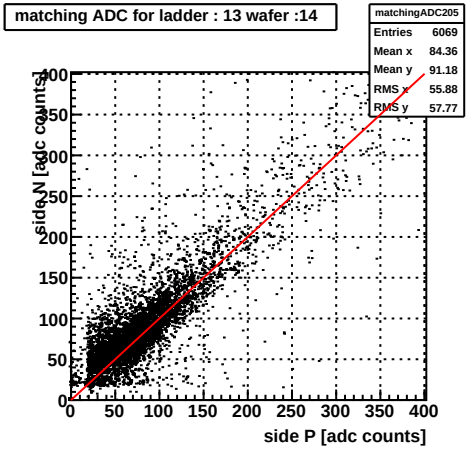

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 12
Mean x 62.67
Mean y 71.67
RMS x 34.74
RMS y 25.01
side N [adc counts]
side P [adc counts]

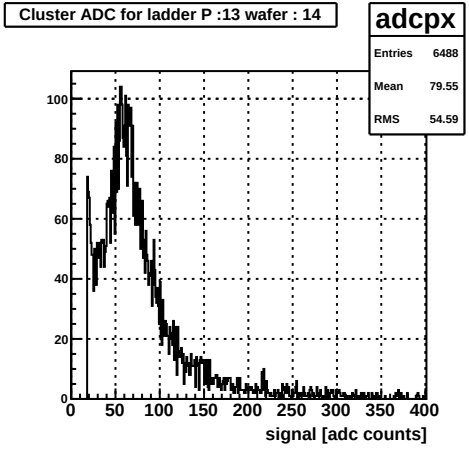

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 258
Mean 47.04
RMS 24.49
signal [adc counts]

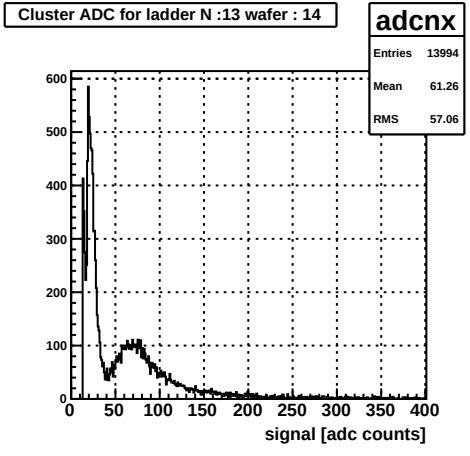

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 8824
Mean 79.31
RMS 56.89
signal [adc counts]

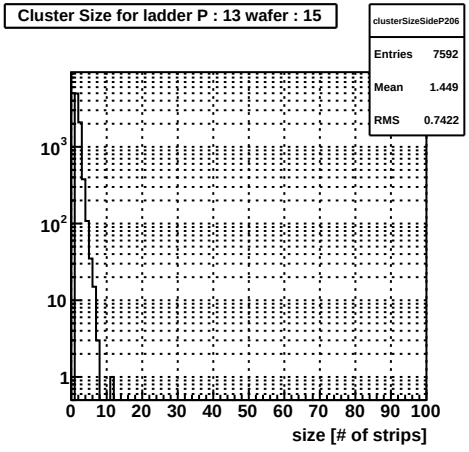

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 6488
Mean 1.413
RMS 0.7015
size [# of strips]

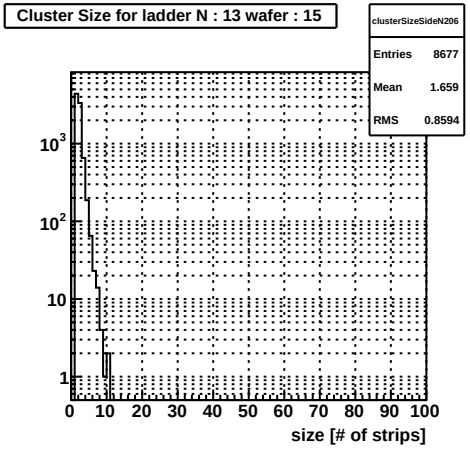

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 13994
Mean 1.425
RMS 0.7622
size [# of strips]

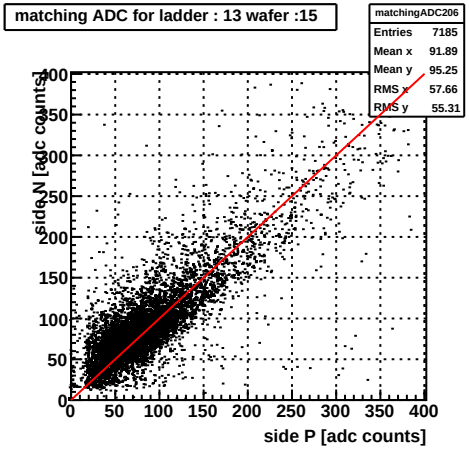

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 6069
Mean x 84.36
Mean y 91.18
RMS x 55.88
RMS y 57.77
side N [adc counts]
side P [adc counts]

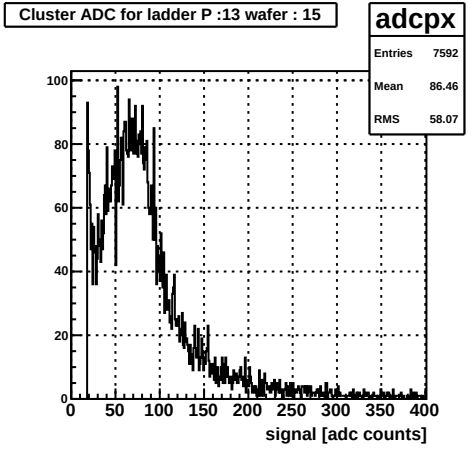

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 6488
Mean 79.55
RMS 54.59
signal [adc counts]

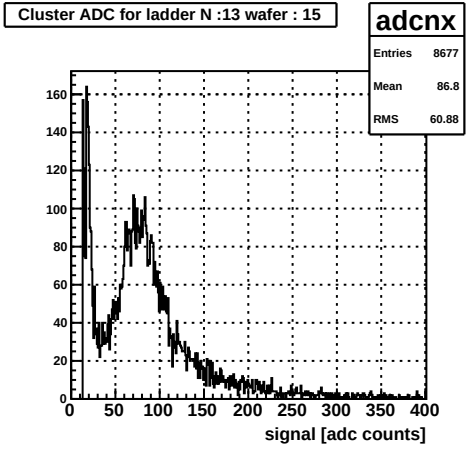

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 13994
Mean 61.26
RMS 57.06
signal [adc counts]

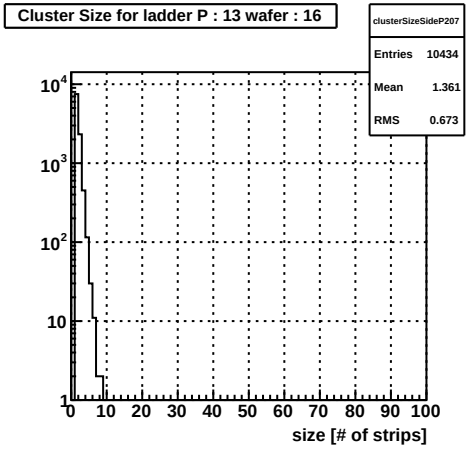

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 7592
Mean 1.449
RMS 0.7422
size [# of strips]

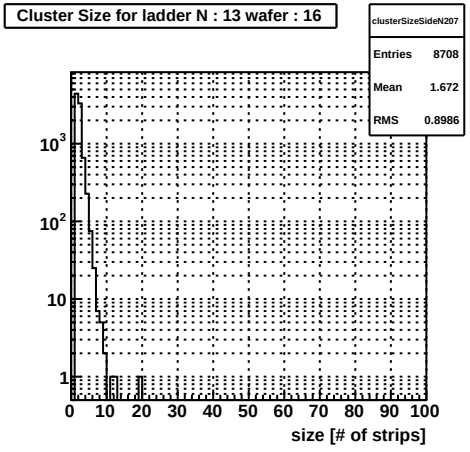

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 8677
Mean 1.659
RMS 0.8594
size [# of strips]

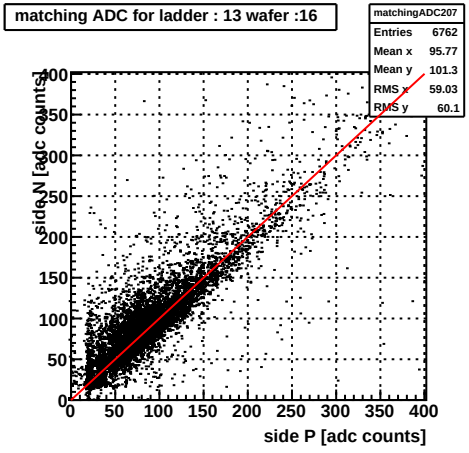

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 7185
Mean x 91.89
Mean y 95.25
RMS x 57.66
RMS y 55.31
side N [adc counts]
side P [adc counts]

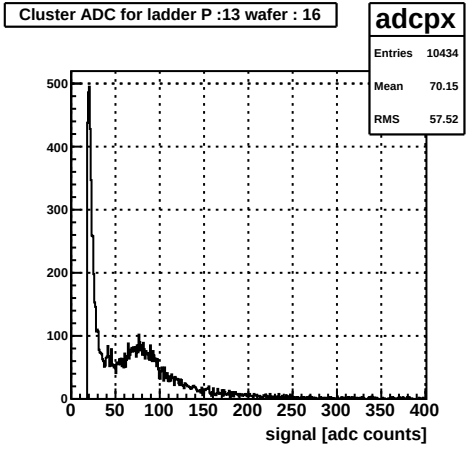

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 7592
Mean 86.46
RMS 58.07
signal [adc counts]

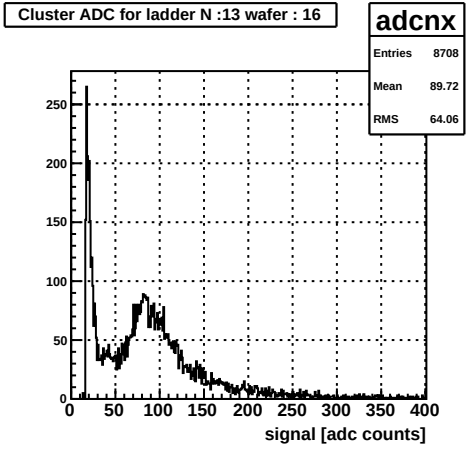

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 8677
Mean 86.8
RMS 60.88
signal [adc counts]

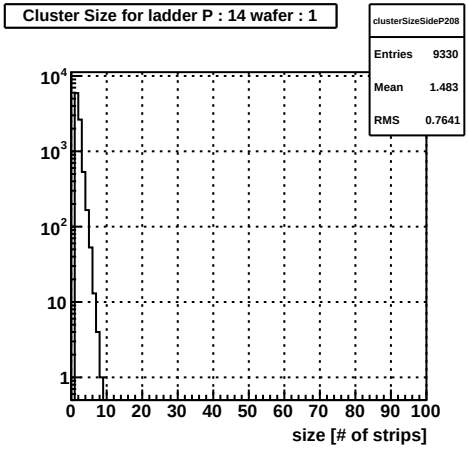

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 10434
Mean 1.361
RMS 0.673
size [# of strips]

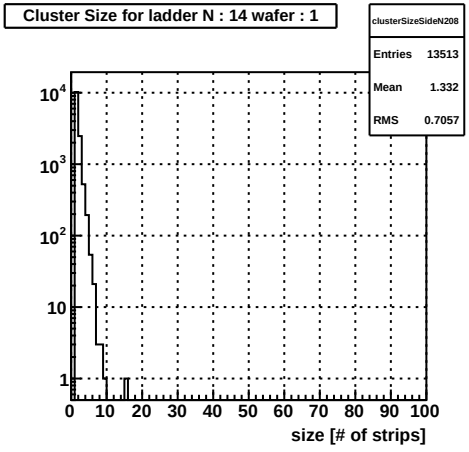

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 8708
Mean 1.672
RMS 0.8986
size [# of strips]

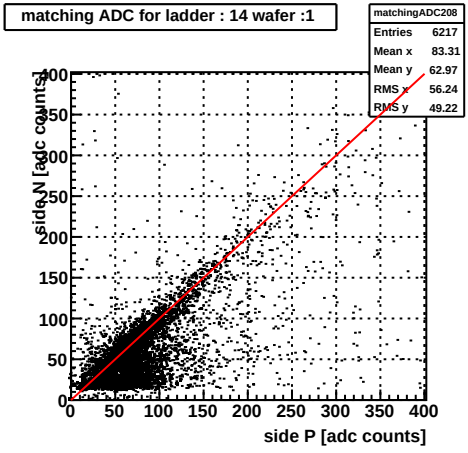

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 6762
Mean x 95.77
Mean y 101.3
RMS x 59.03
RMS y 60.1
side N [adc counts]
side P [adc counts]

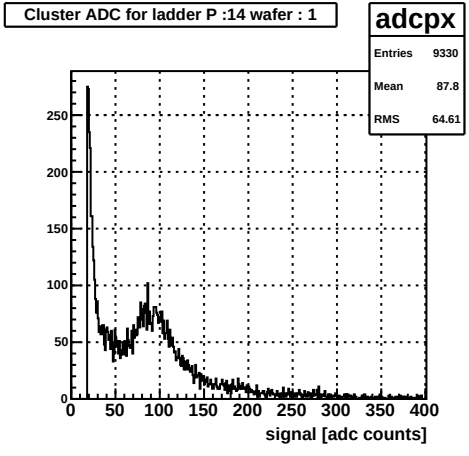

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 10434
Mean 70.15
RMS 57.52
signal [adc counts]

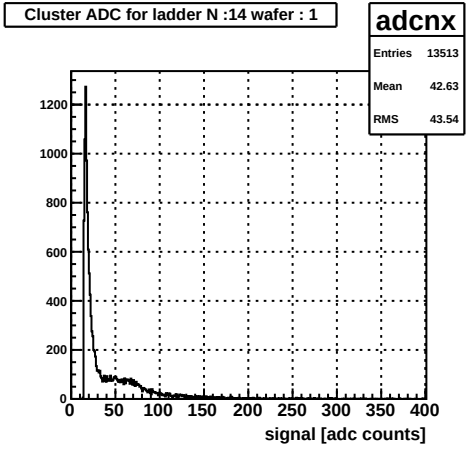

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 8708
Mean 89.72
RMS 64.06
signal [adc counts]

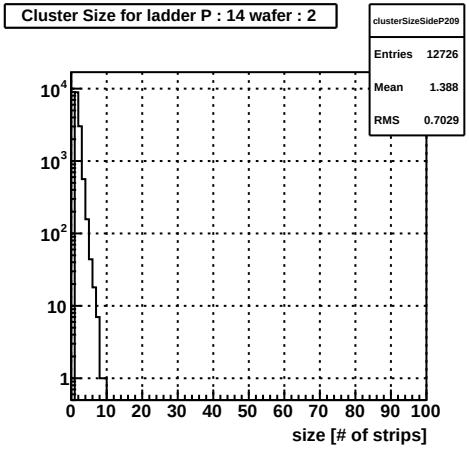

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 9330
Mean 1.483
RMS 0.7641
size [# of strips]

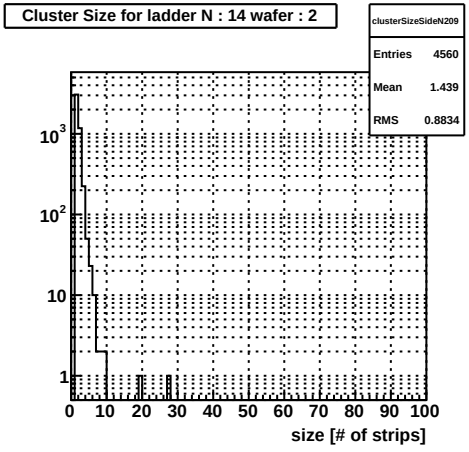

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 13513
Mean 1.332
RMS 0.7057
size [# of strips]

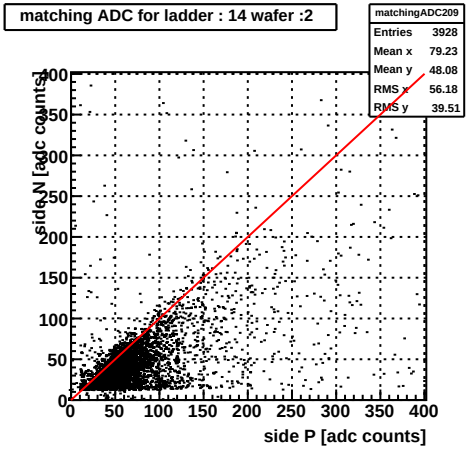

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 6217
Mean x 83.31
Mean y 62.97
RMS x 56.24
RMS y 49.22
side N [adc counts]
side P [adc counts]

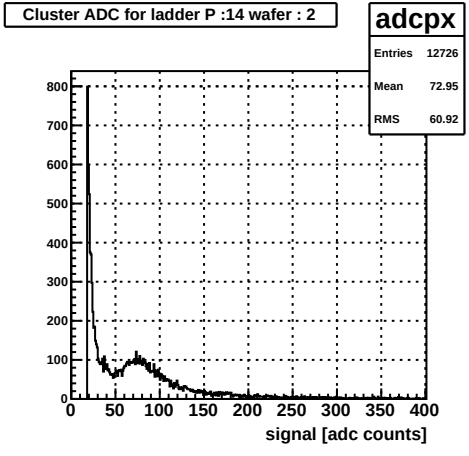

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 9330
Mean 87.8
RMS 64.61
signal [adc counts]

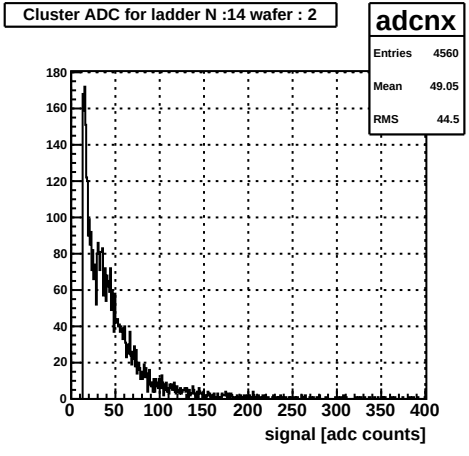

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 13513
Mean 42.63
RMS 43.54
signal [adc counts]

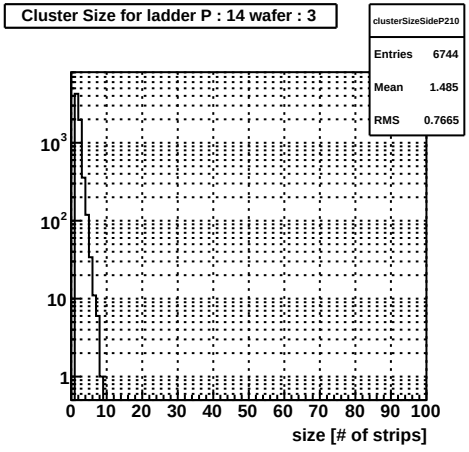

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 12726
Mean 1.388
RMS 0.7029
size [# of strips]

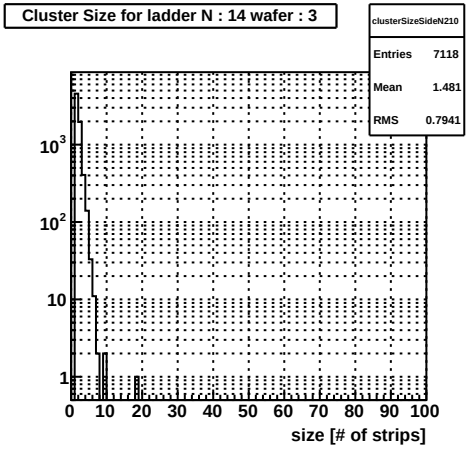

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 4560
Mean 1.439
RMS 0.8834
size [# of strips]

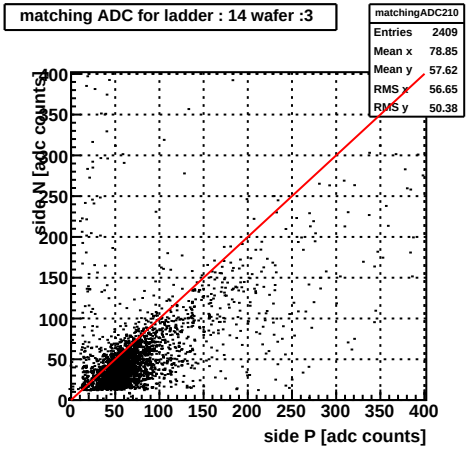

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 3928
Mean x 79.23
Mean y 48.08
RMS x 56.18
RMS y 39.51
side N [adc counts]
side P [adc counts]

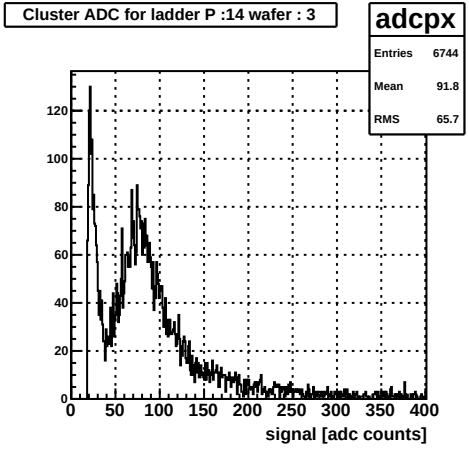

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 12726
Mean 72.95
RMS 60.92
signal [adc counts]

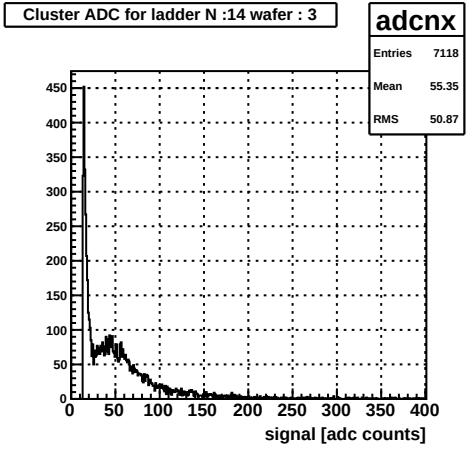

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 4560
Mean 49.05
RMS 44.5
signal [adc counts]

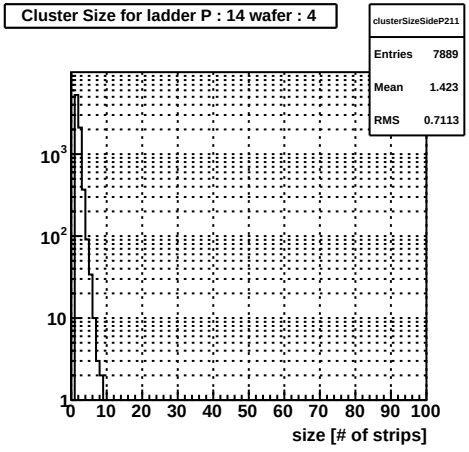

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 6744
Mean 1.485
RMS 0.7665
size [# of strips]

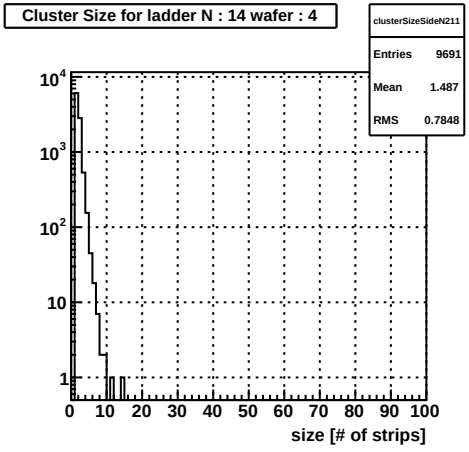

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 7118
Mean 1.481
RMS 0.7941
size [# of strips]

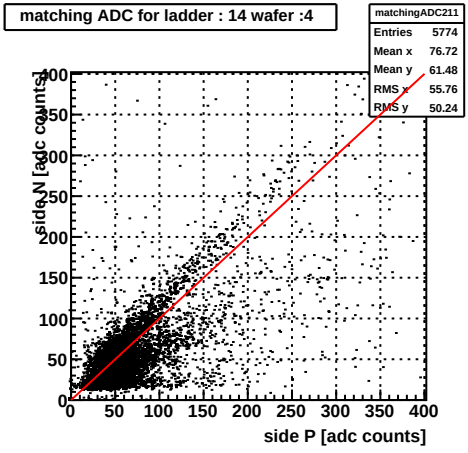

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 2409
Mean x 78.85
Mean y 57.62
RMS x 56.65
RMS y 50.38
side N [adc counts]
side P [adc counts]

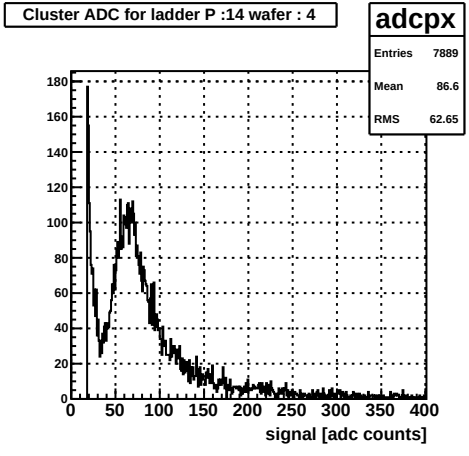

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 6744
Mean 91.8
RMS 65.7
signal [adc counts]

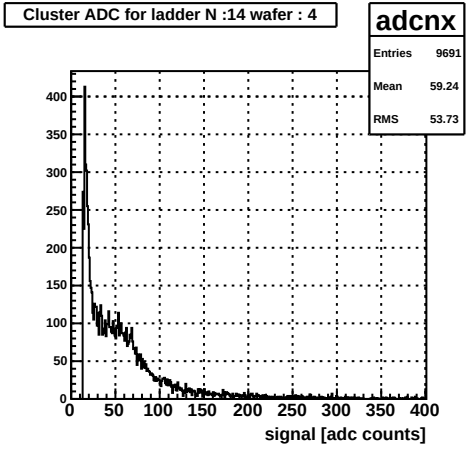

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 7118
Mean 55.35
RMS 50.87
signal [adc counts]

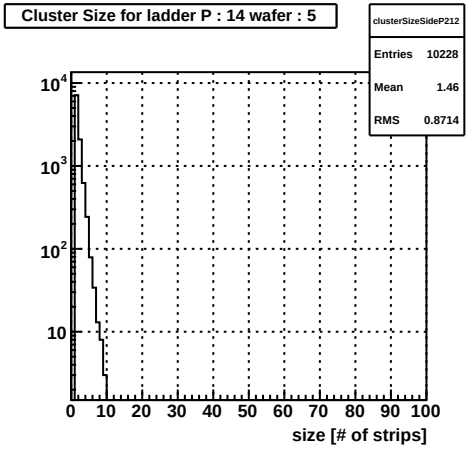

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 7889
Mean 1.423
RMS 0.7113
size [# of strips]

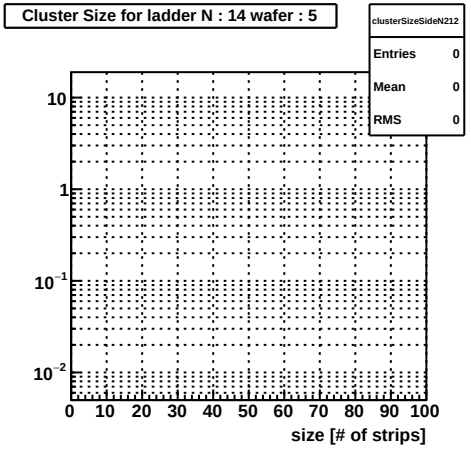

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 9691
Mean 1.487
RMS 0.7848
size [# of strips]

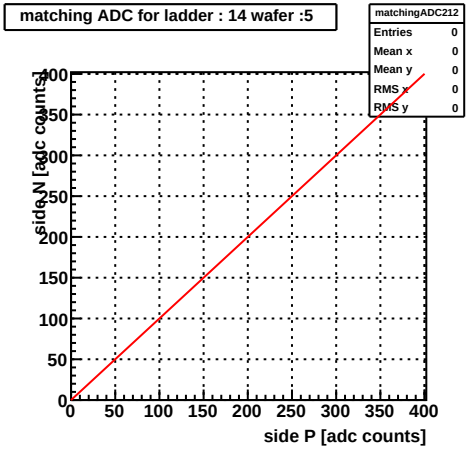

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 5774
Mean x 76.72
Mean y 61.48
RMS x 55.76
RMS y 50.24
side N [adc counts]
side P [adc counts]

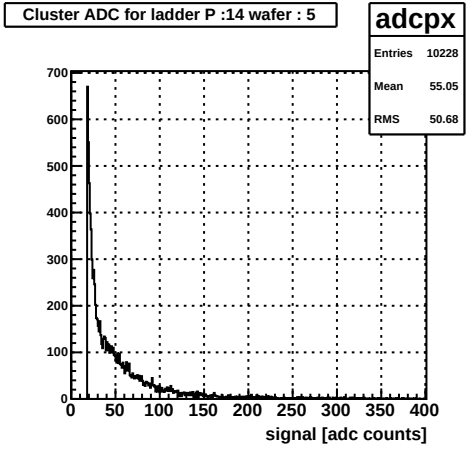

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 7889
Mean 86.6
RMS 62.65
signal [adc counts]

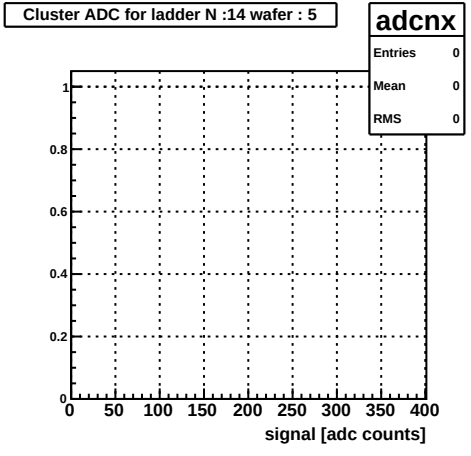

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 9691
Mean 59.24
RMS 53.73
signal [adc counts]

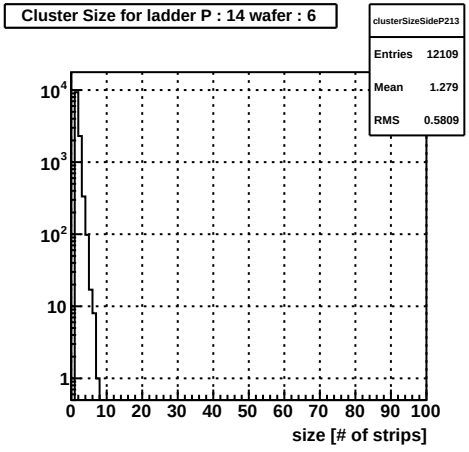

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 10228
Mean 1.46
RMS 0.8714
size [# of strips]

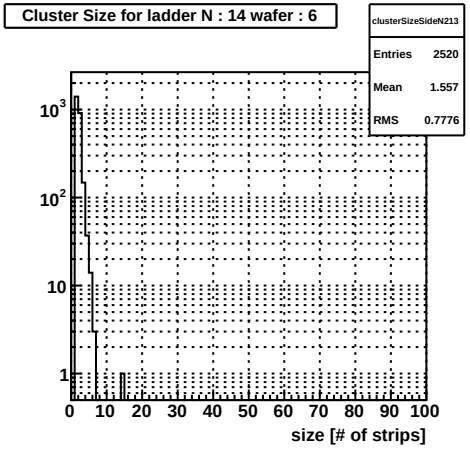

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

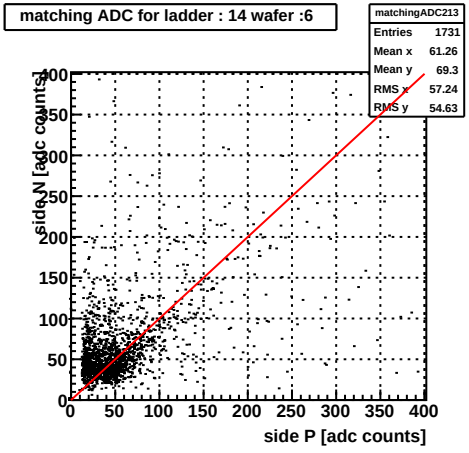

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

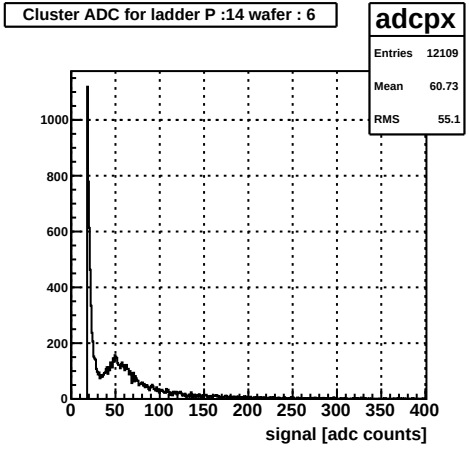

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 10228
Mean 55.05
RMS 50.68
signal [adc counts]

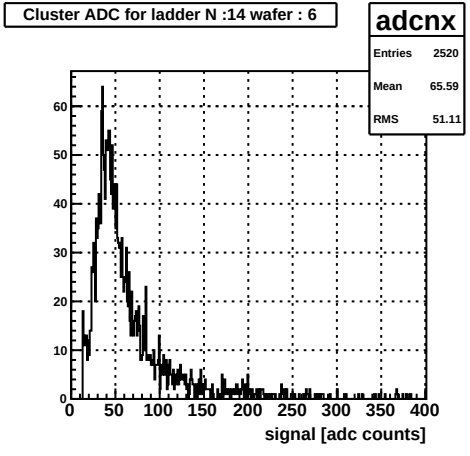

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

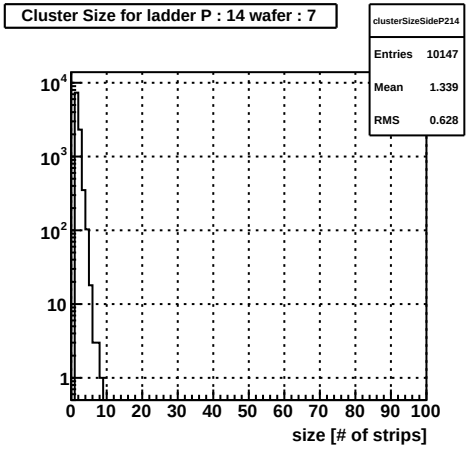

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 12109
Mean 1.279
RMS 0.5809
size [# of strips]

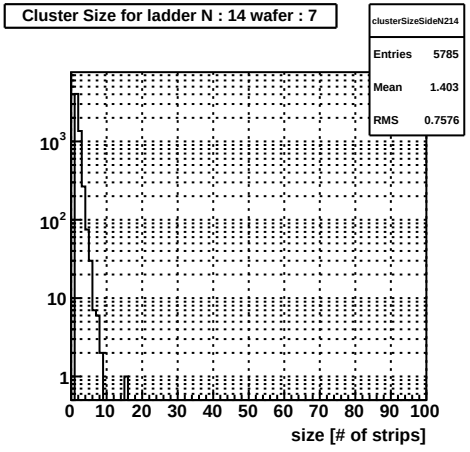

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2520
Mean 1.557
RMS 0.7776
size [# of strips]

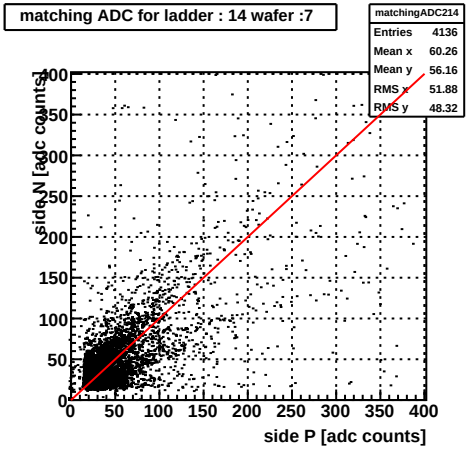

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1731
Mean x 61.26
Mean y 69.3
RMS x 57.24
RMS y 54.63
side N [adc counts]
side P [adc counts]

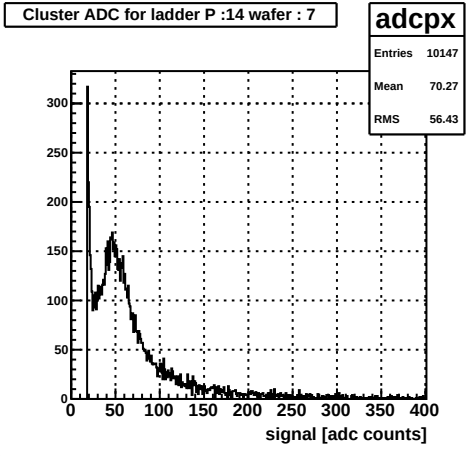

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 12109
Mean 60.73
RMS 55.1
signal [adc counts]

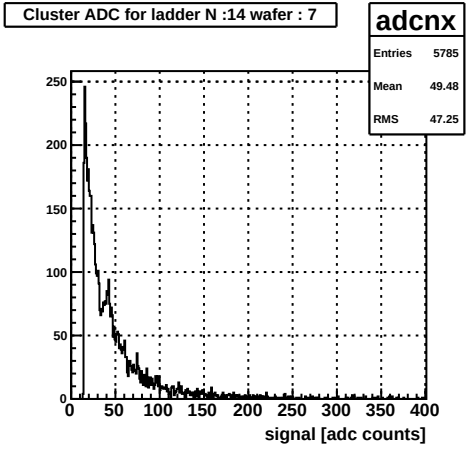

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2520
Mean 65.59
RMS 51.11
signal [adc counts]

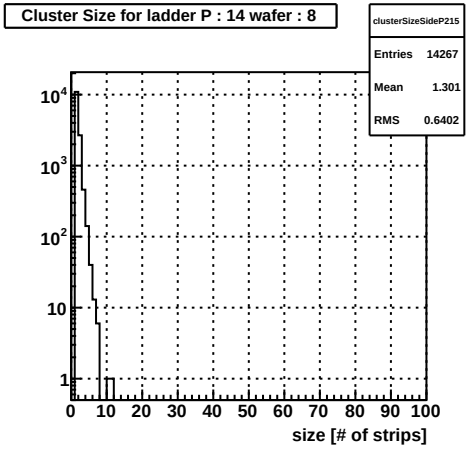

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 10147
Mean 1.339
RMS 0.628
size [# of strips]

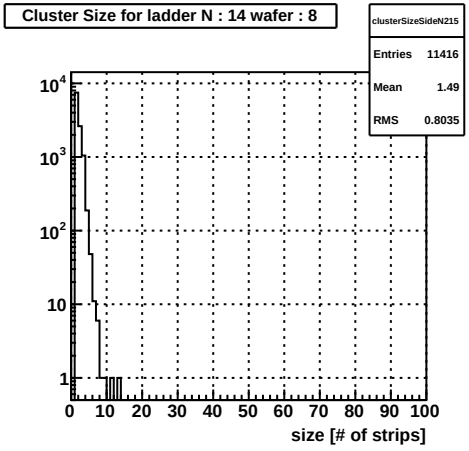

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5785
Mean 1.403
RMS 0.7576
size [# of strips]

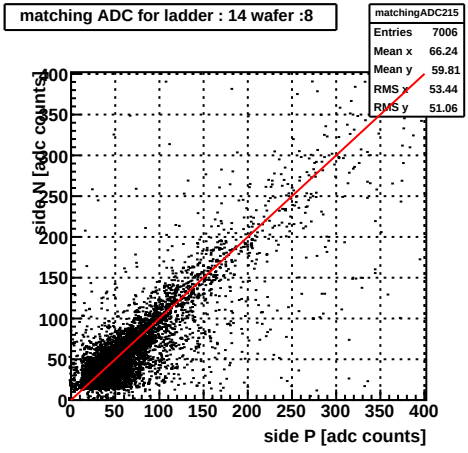

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 4136
Mean x 60.26
Mean y 56.16
RMS x 51.88
RMS y 48.32
side N [adc counts]
side P [adc counts]

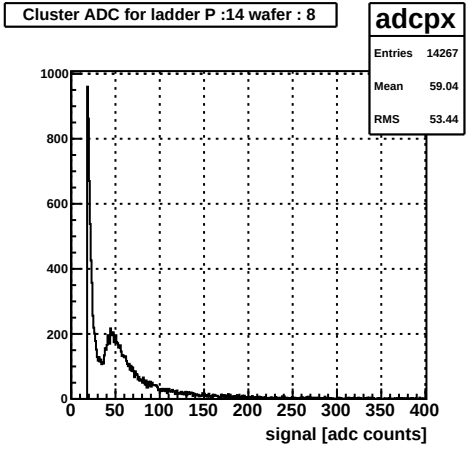

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 10147
Mean 70.27
RMS 56.43
signal [adc counts]

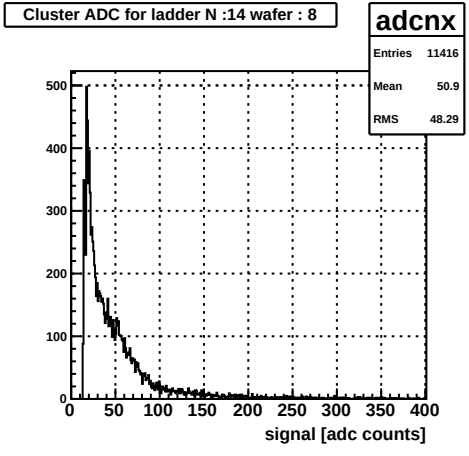

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5785
Mean 49.48
RMS 47.25
signal [adc counts]

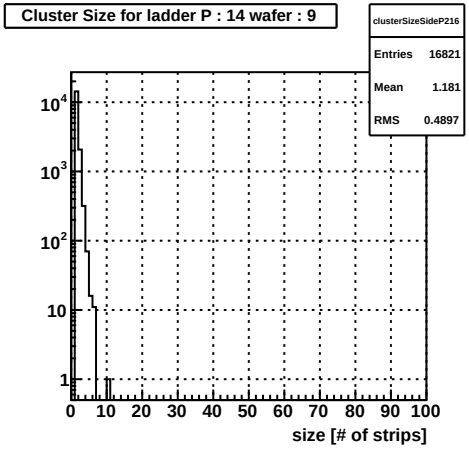

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 14267
Mean 1.301
RMS 0.6402
size [# of strips]

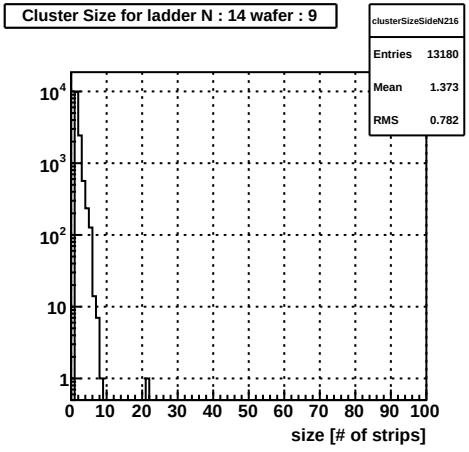

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 11416
Mean 1.49
RMS 0.8035
size [# of strips]

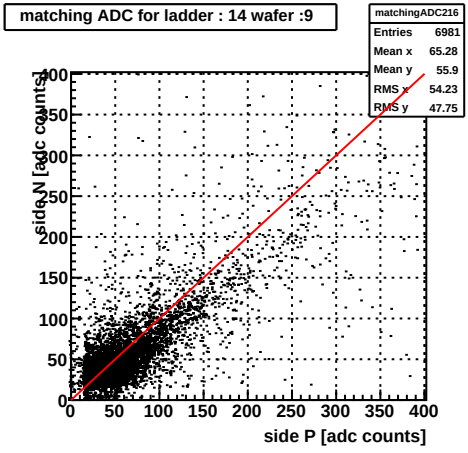

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 7006
Mean x 66.24
Mean y 59.81
RMS x 53.44
RMS y 51.06
side N [adc counts]
side P [adc counts]

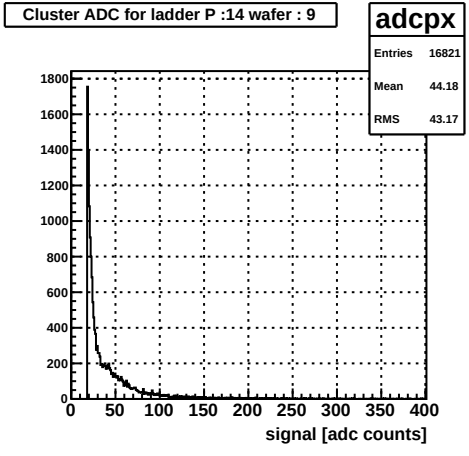

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 14267
Mean 59.04
RMS 53.44
signal [adc counts]

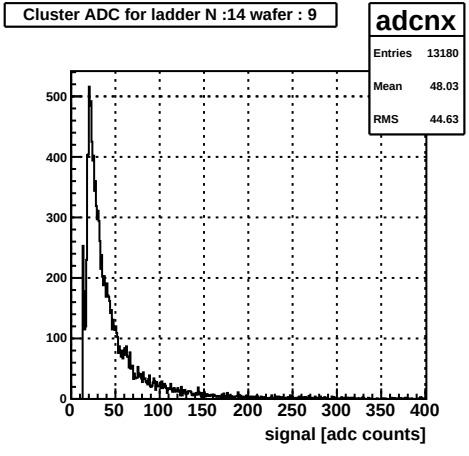

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 11416
Mean 50.9
RMS 48.29
signal [adc counts]

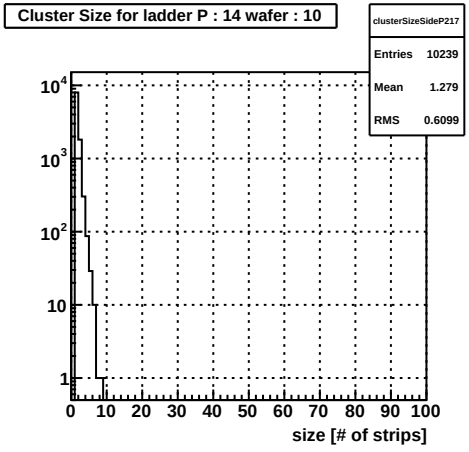

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 16821
Mean 1.181
RMS 0.4897
size [# of strips]

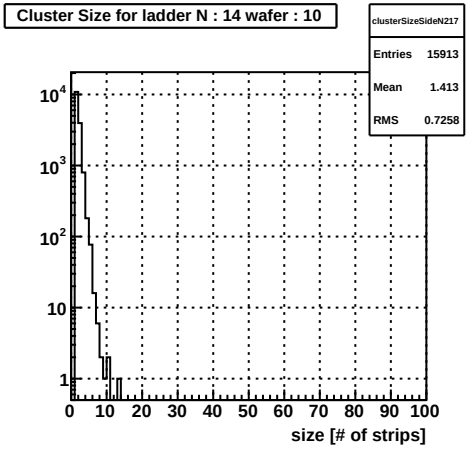

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 13180
Mean 1.373
RMS 0.782
size [# of strips]

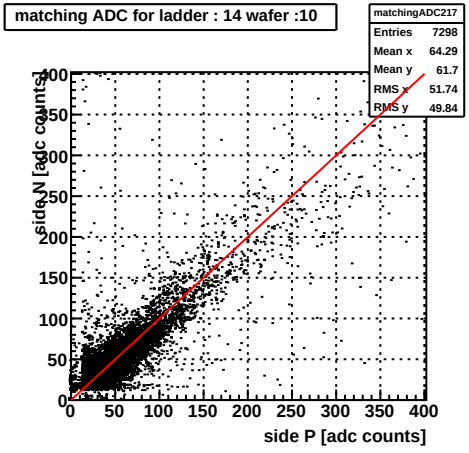

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 6981
Mean x 65.28
Mean y 55.9
RMS x 54.23
RMS y 47.75
side N [adc counts]
side P [adc counts]

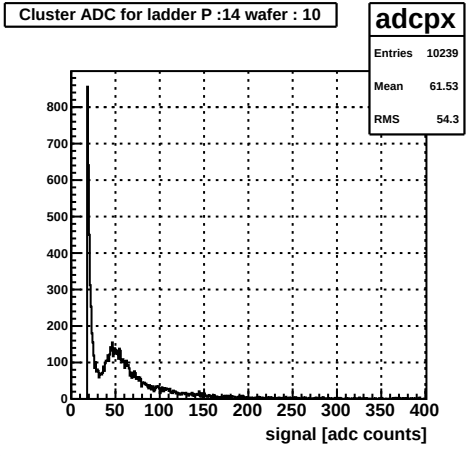

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 16821
Mean 44.18
RMS 43.17
signal [adc counts]

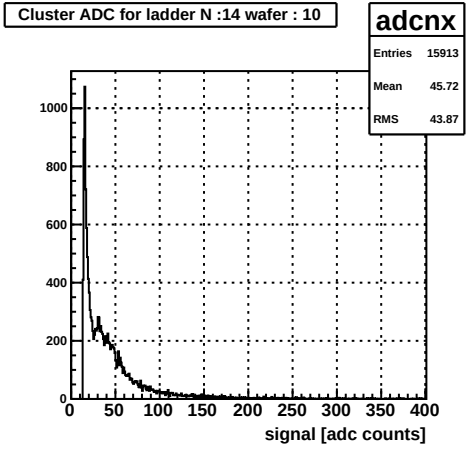

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 13180
Mean 48.03
RMS 44.63
signal [adc counts]

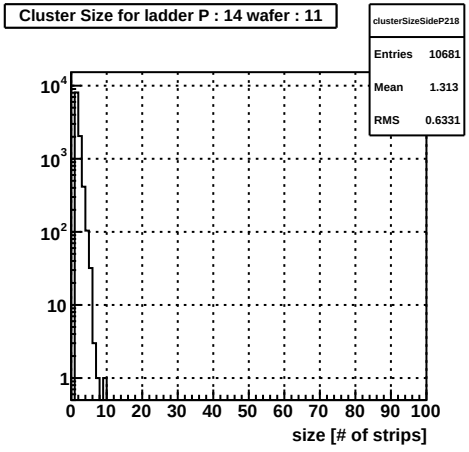

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10239
Mean 1.279
RMS 0.6099
size [# of strips]

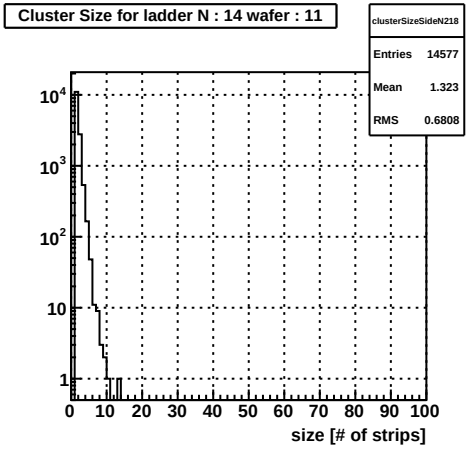

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 15913
Mean 1.413
RMS 0.7258
size [# of strips]

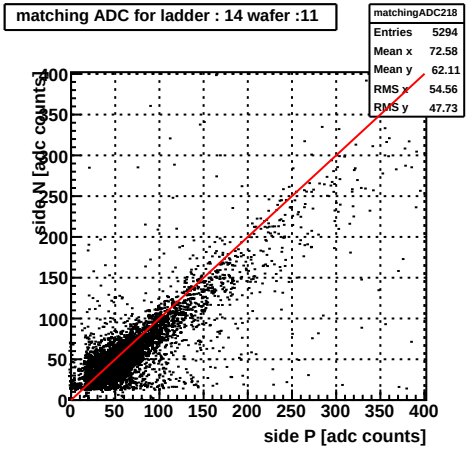

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 7298
Mean x 64.29
Mean y 61.7
RMS x 51.74
RMS y 49.84
side N [adc counts]
side P [adc counts]

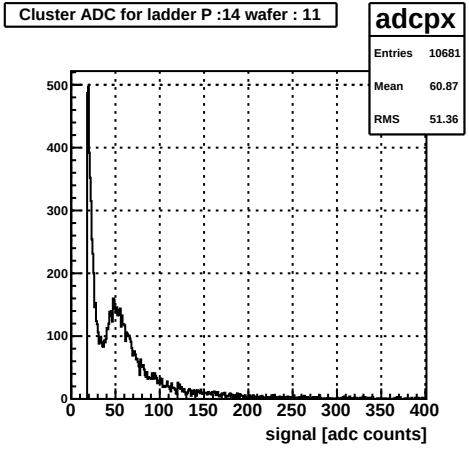

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10239
Mean 61.53
RMS 54.3
signal [adc counts]

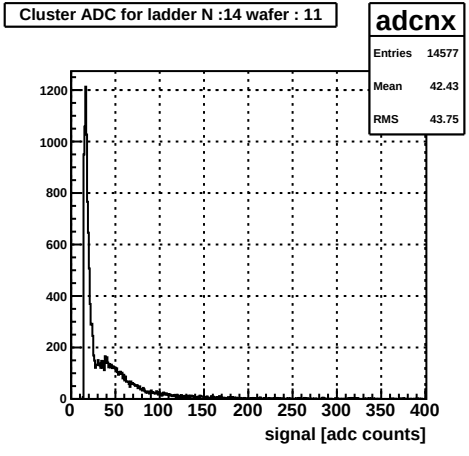

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 15913
Mean 45.72
RMS 43.87
signal [adc counts]

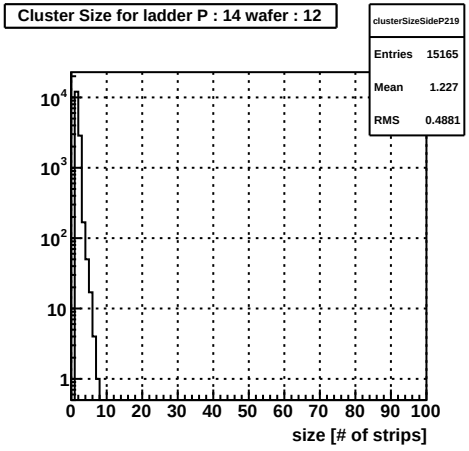

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 10681
Mean 1.313
RMS 0.6331
size [# of strips]

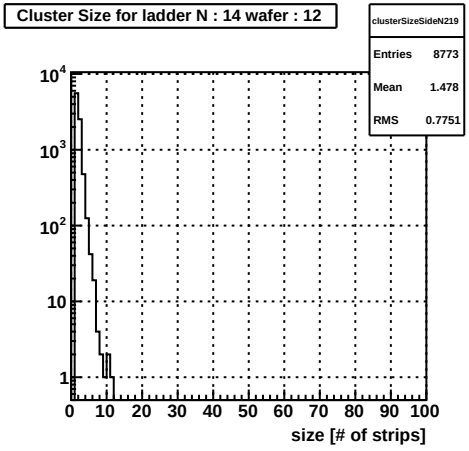

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 14577
Mean 1.323
RMS 0.6808
size [# of strips]

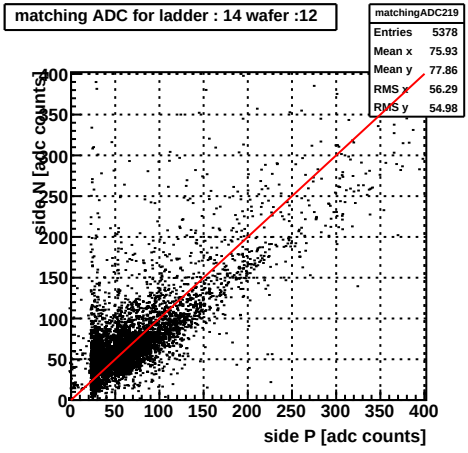

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 5294
Mean x 72.58
Mean y 62.11
RMS x 54.56
RMS y 47.73
side N [adc counts]
side P [adc counts]

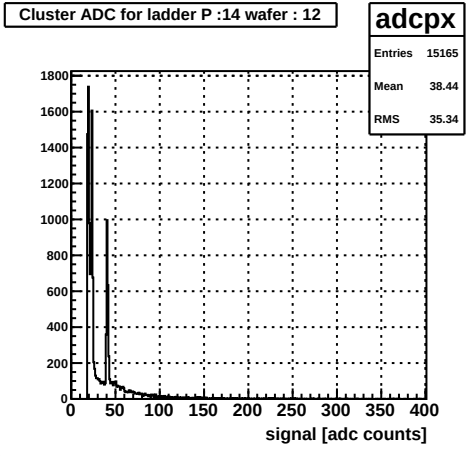

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 10681
Mean 60.87
RMS 51.36
signal [adc counts]

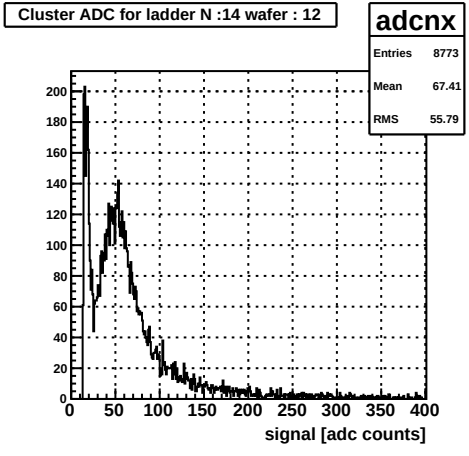

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 14577
Mean 42.43
RMS 43.75
signal [adc counts]

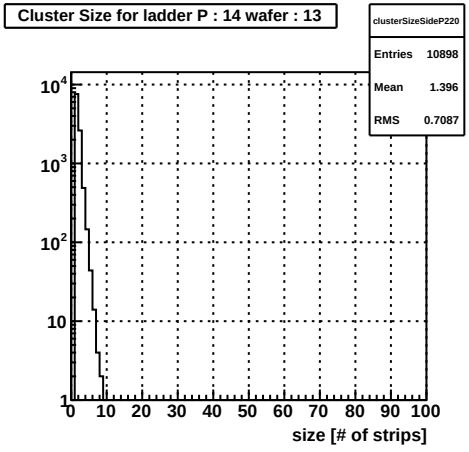

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 15165
Mean 1.227
RMS 0.4881
size [# of strips]

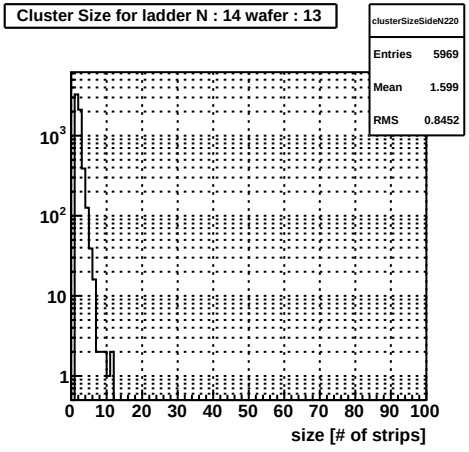

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 8773
Mean 1.478
RMS 0.7751
size [# of strips]

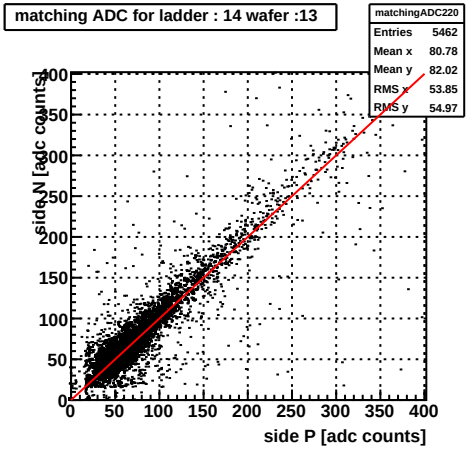

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 5378
Mean x 75.93
Mean y 77.86
RMS x 56.29
RMS y 54.98
side N [adc counts]
side P [adc counts]

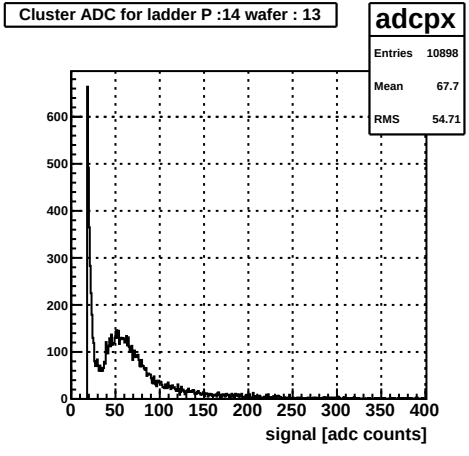

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 15165
Mean 38.44
RMS 35.34
signal [adc counts]

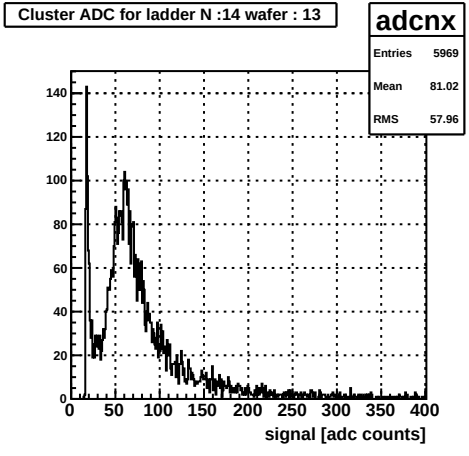

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 8773
Mean 67.41
RMS 55.79
signal [adc counts]

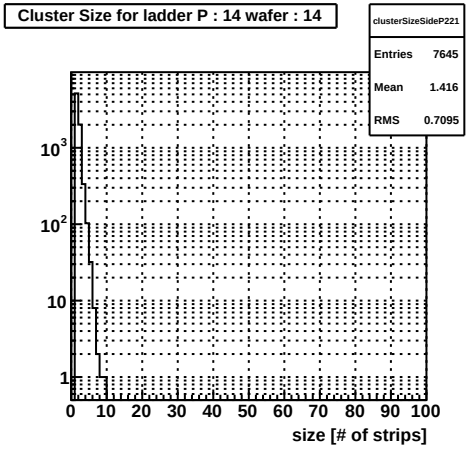

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10898
Mean 1.396
RMS 0.7087
size [# of strips]

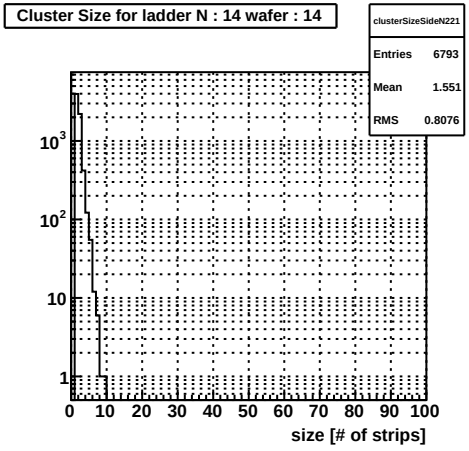

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 5969
Mean 1.599
RMS 0.8452
size [# of strips]

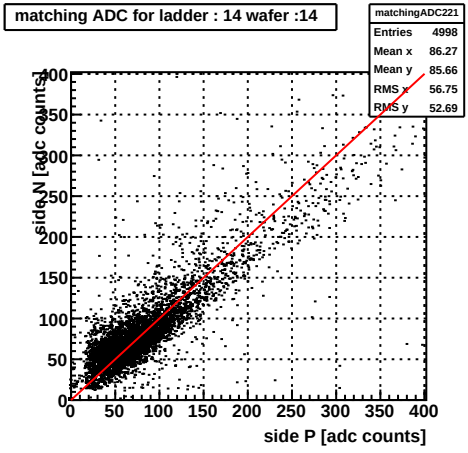

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 5462
Mean x 80.78
Mean y 82.02
RMS x 53.85
RMS y 54.97
side N [adc counts]
side P [adc counts]

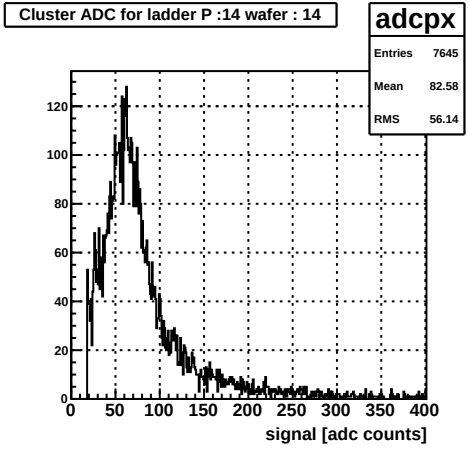

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10898
Mean 67.7
RMS 54.71
signal [adc counts]

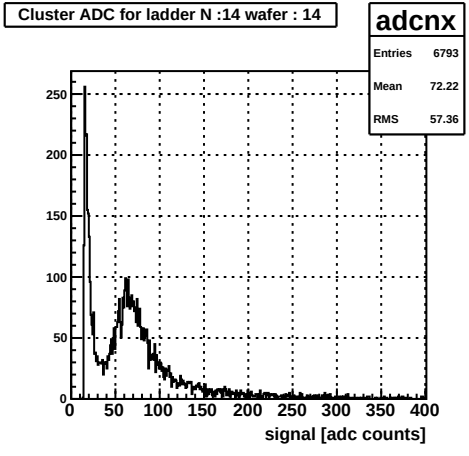

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 5969
Mean 81.02
RMS 57.96
signal [adc counts]

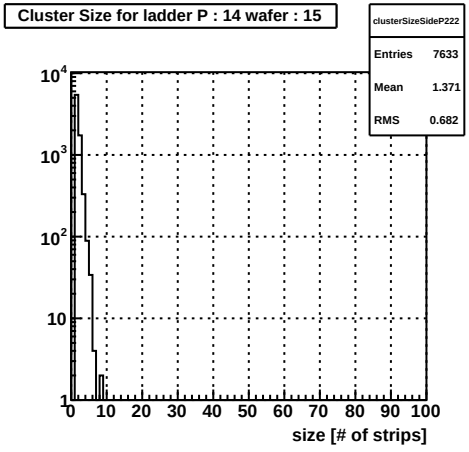

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 7645
Mean 1.416
RMS 0.7095
size [# of strips]

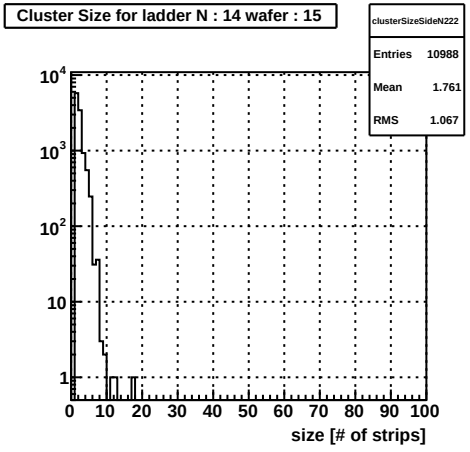

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 6793
Mean 1.551
RMS 0.8076
size [# of strips]

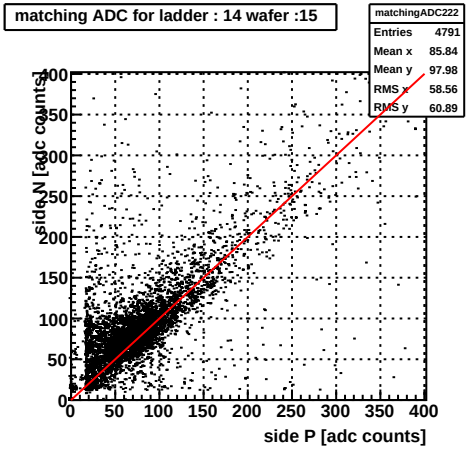

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 4998
Mean x 86.27
Mean y 85.66
RMS x 56.75
RMS y 52.69
side N [adc counts]
side P [adc counts]

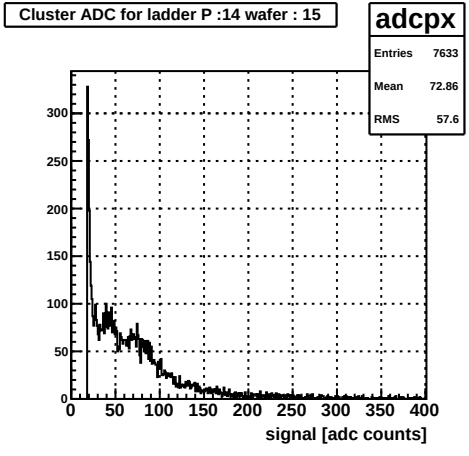

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 7645
Mean 82.58
RMS 56.14
signal [adc counts]

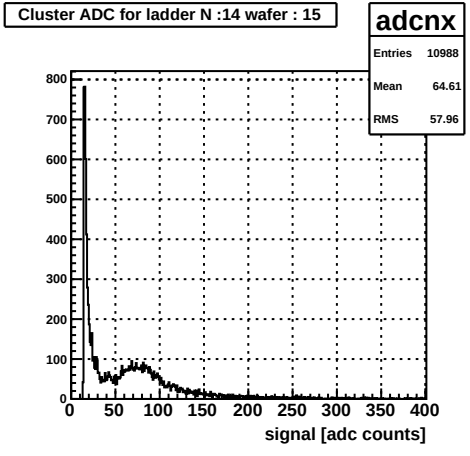

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 6793
Mean 72.22
RMS 57.36
signal [adc counts]

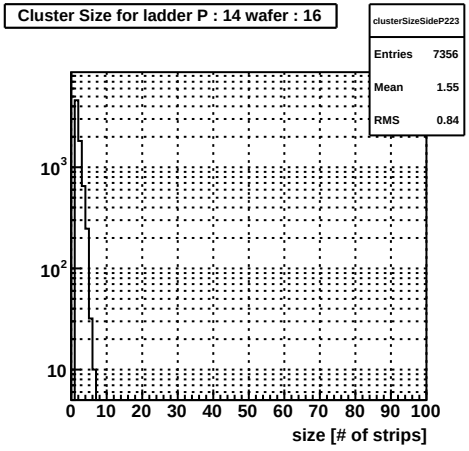

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 7633
Mean 1.371
RMS 0.682
size [# of strips]

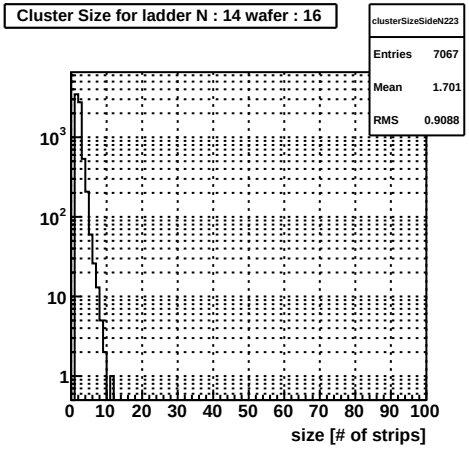

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 10988
Mean 1.761
RMS 1.067
size [# of strips]

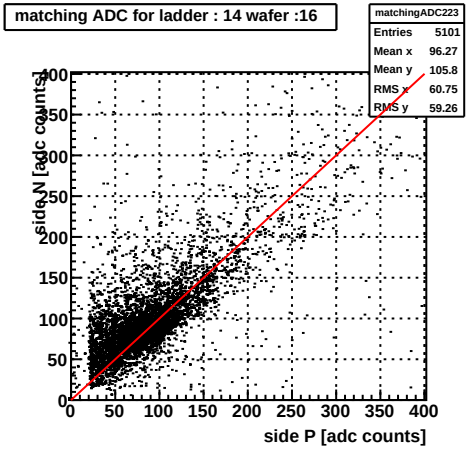

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 4791
Mean x 85.84
Mean y 97.98
RMS x 58.56
RMS y 60.89
side N [adc counts]
side P [adc counts]

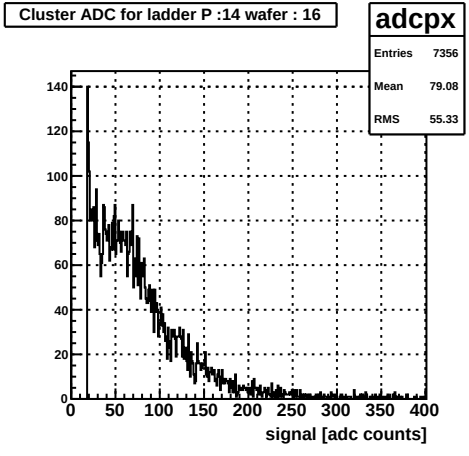

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 7633
Mean 72.86
RMS 57.6
signal [adc counts]

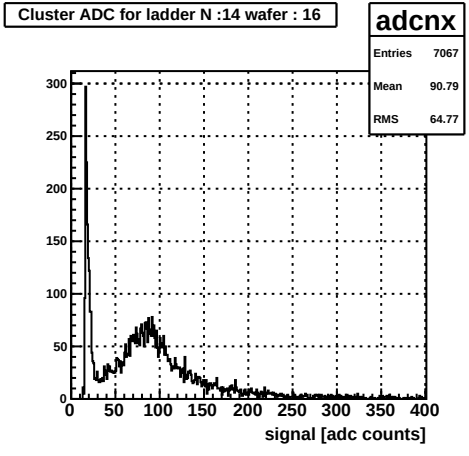

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 10988
Mean 64.61
RMS 57.96
signal [adc counts]

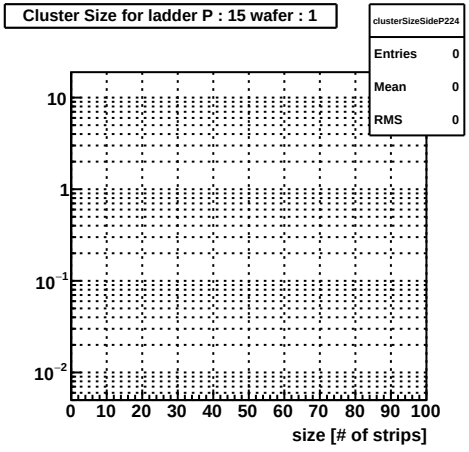

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 7356
Mean 1.55
RMS 0.84
size [# of strips]

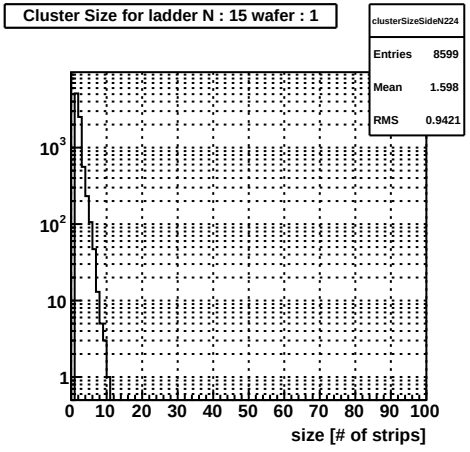

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 7067
Mean 1.701
RMS 0.9088
size [# of strips]

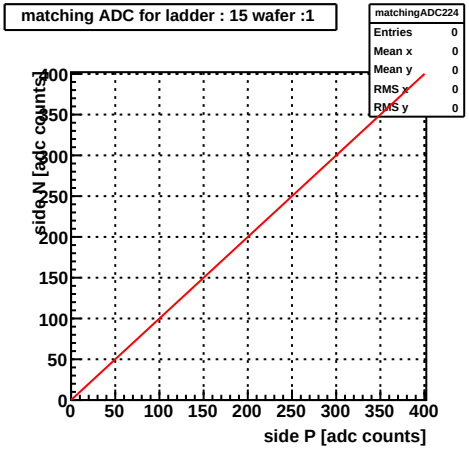

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 5101
Mean x 96.27
Mean y 105.8
RMS x 60.75
RMS y 59.26
side N [adc counts]
side P [adc counts]

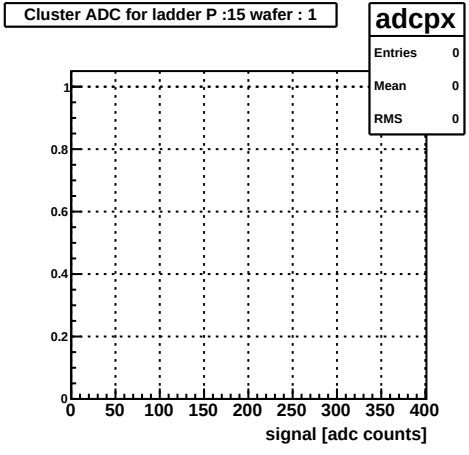

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 7356
Mean 79.08
RMS 55.33
signal [adc counts]

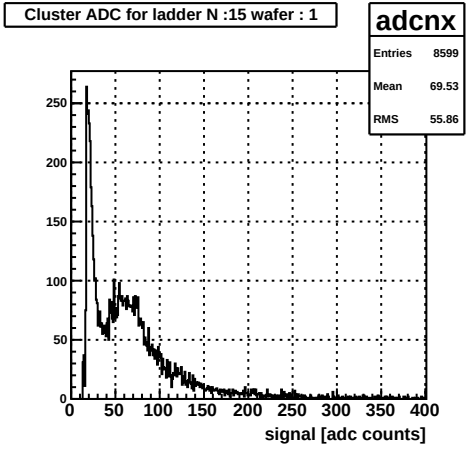

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 7067
Mean 90.79
RMS 64.77
signal [adc counts]

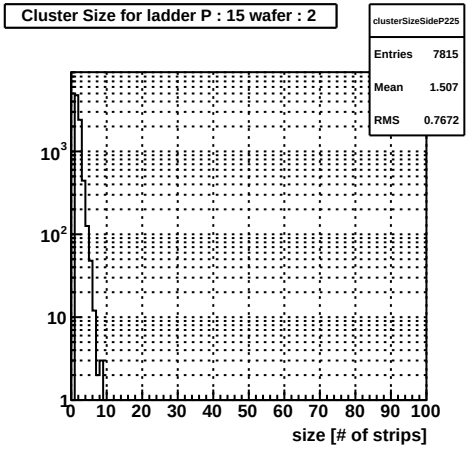

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

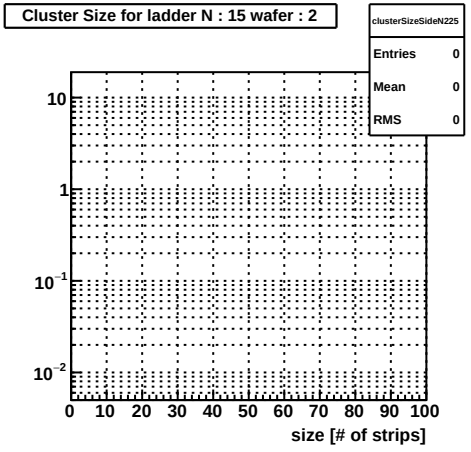

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 8599
Mean 1.598
RMS 0.9421
size [# of strips]

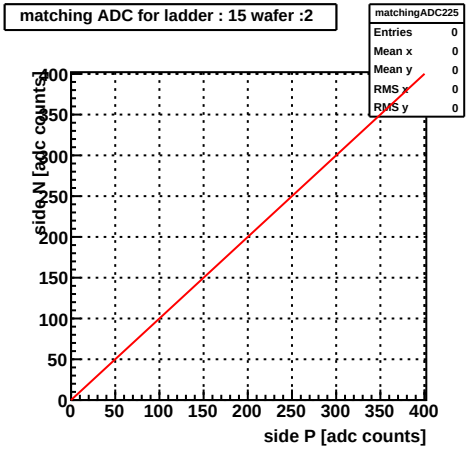

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

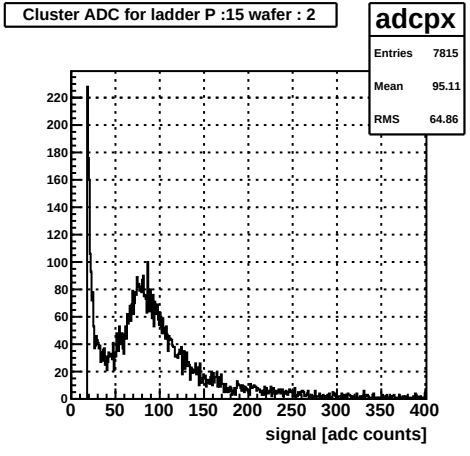

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

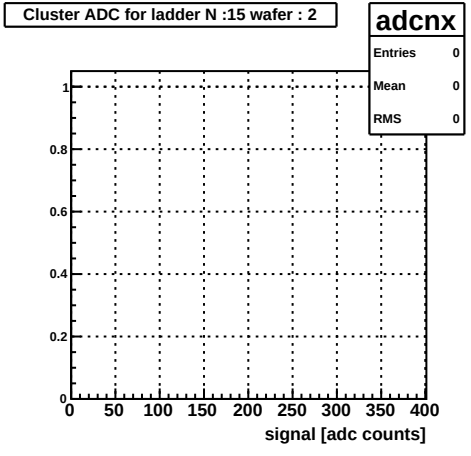

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 8599
Mean 69.53
RMS 55.86
signal [adc counts]

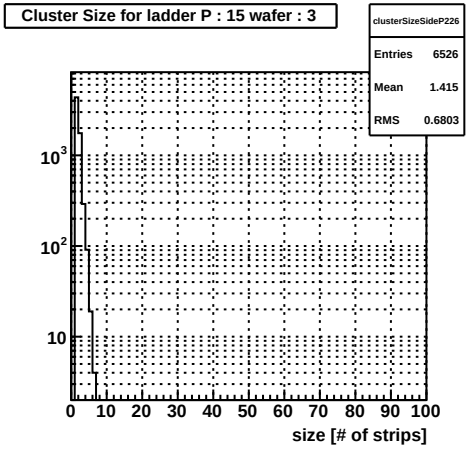

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 7815
Mean 1.507
RMS 0.7672
size [# of strips]

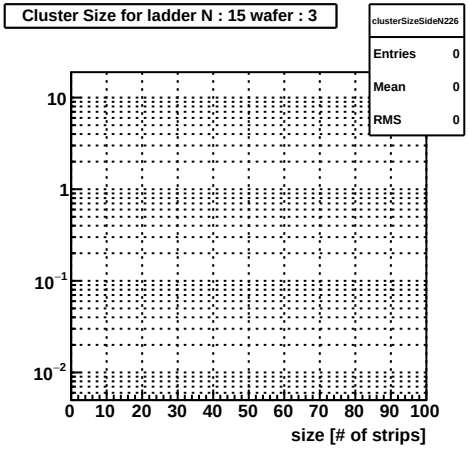

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

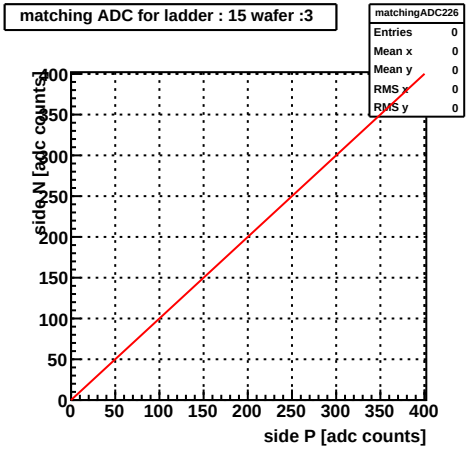

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

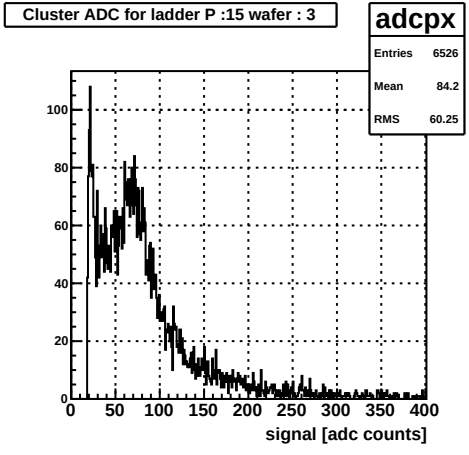

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 7815
Mean 95.11
RMS 64.86
signal [adc counts]

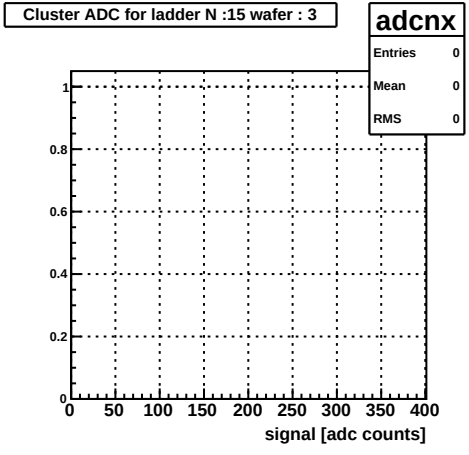

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

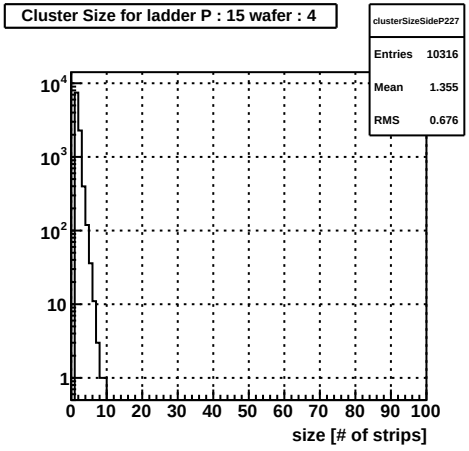

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 6526
Mean 1.415
RMS 0.6803
size [# of strips]

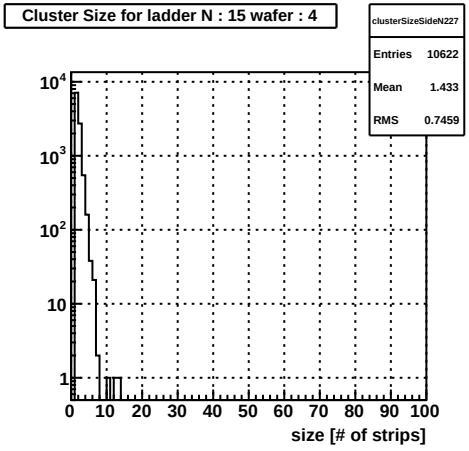

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

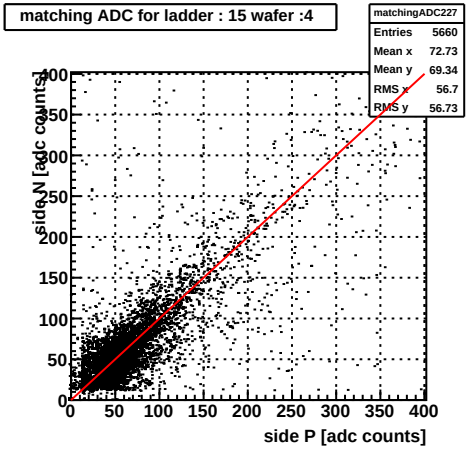

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

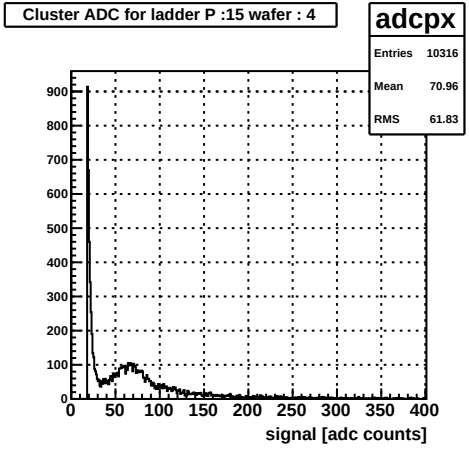

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 6526
Mean 84.2
RMS 60.25
signal [adc counts]

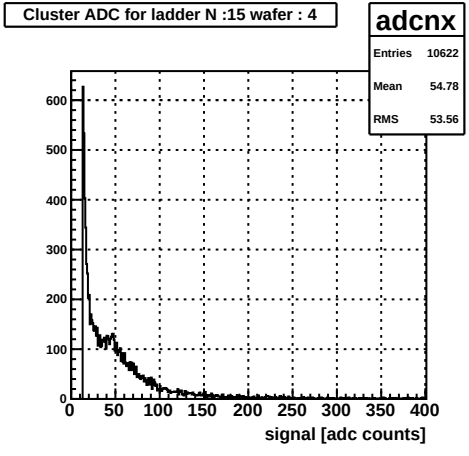

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

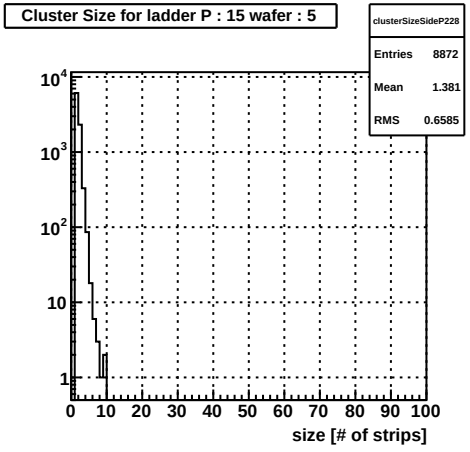

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 10316
Mean 1.355
RMS 0.676
size [# of strips]

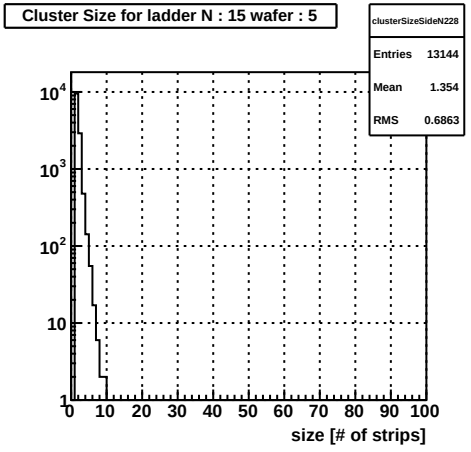

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 10622
Mean 1.433
RMS 0.7459
size [# of strips]

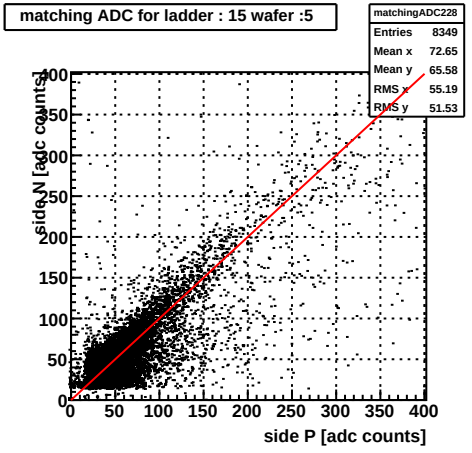

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 5660
Mean x 72.73
Mean y 69.34
RMS x 56.7
RMS y 56.73
side N [adc counts]
side P [adc counts]

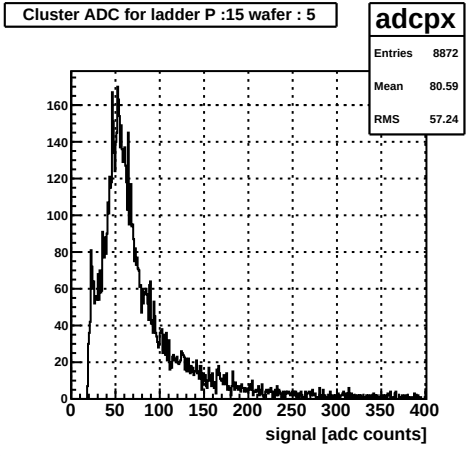

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 10316
Mean 70.96
RMS 61.83
signal [adc counts]

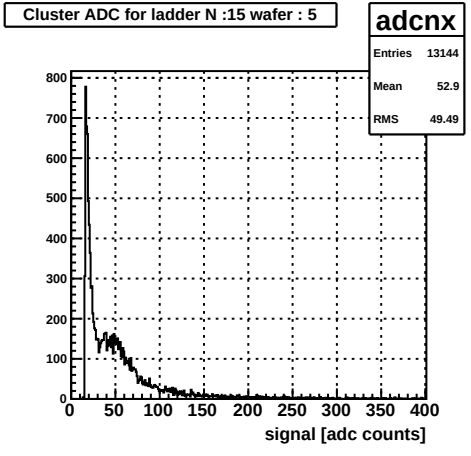

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 10622
Mean 54.78
RMS 53.56
signal [adc counts]

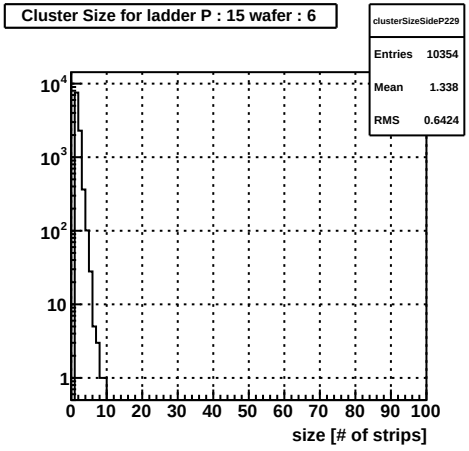

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 8872
Mean 1.381
RMS 0.6585
size [# of strips]

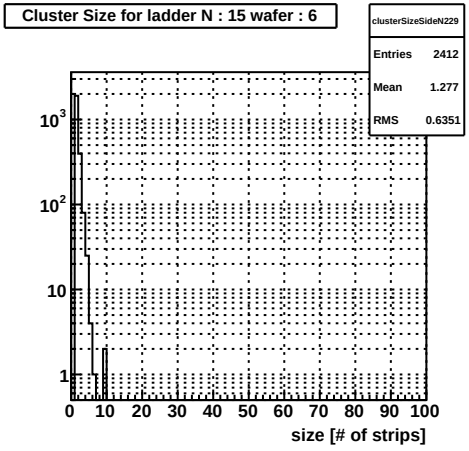

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 13144
Mean 1.354
RMS 0.6863
size [# of strips]

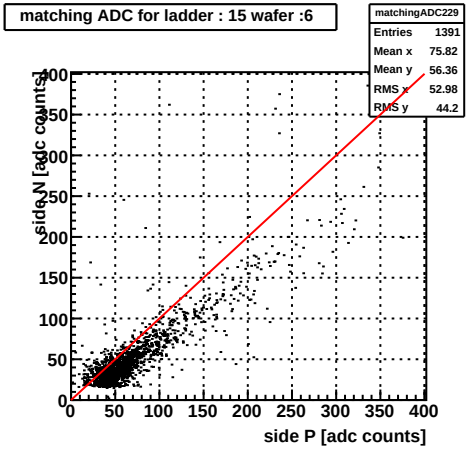

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 8349
Mean x 72.65
Mean y 65.58
RMS x 55.19
RMS y 51.53
side N [adc counts]
side P [adc counts]

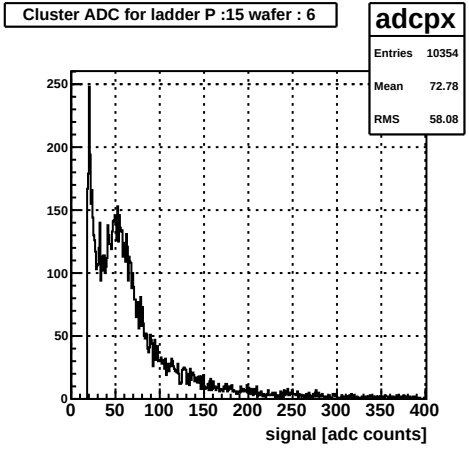

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 8872
Mean 80.59
RMS 57.24
signal [adc counts]

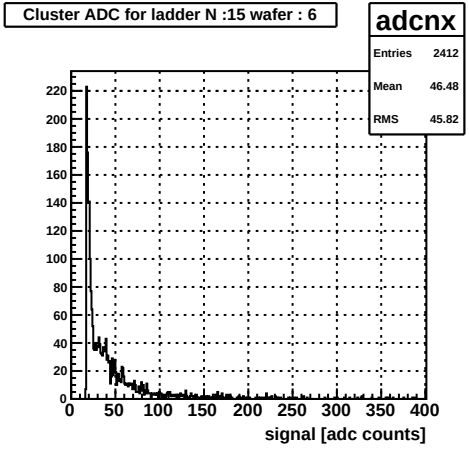

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 13144
Mean 52.9
RMS 49.49
signal [adc counts]

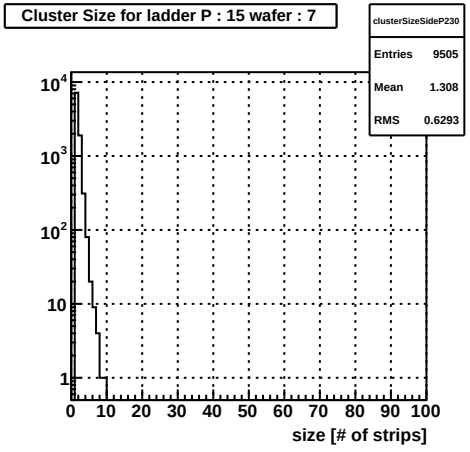

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10354
Mean 1.338
RMS 0.6424
size [# of strips]

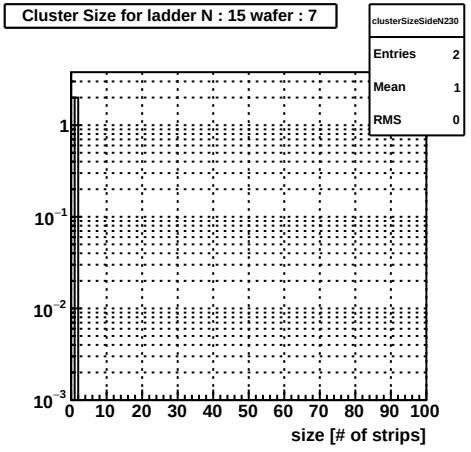

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 2412
Mean 1.277
RMS 0.6351
size [# of strips]

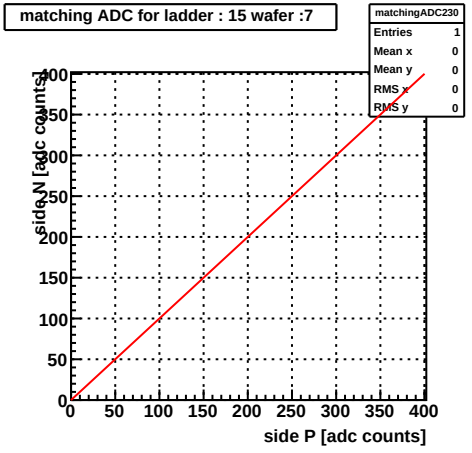

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1391
Mean x 75.82
Mean y 56.36
RMS x 52.98
RMS y 44.2
side N [adc counts]
side P [adc counts]

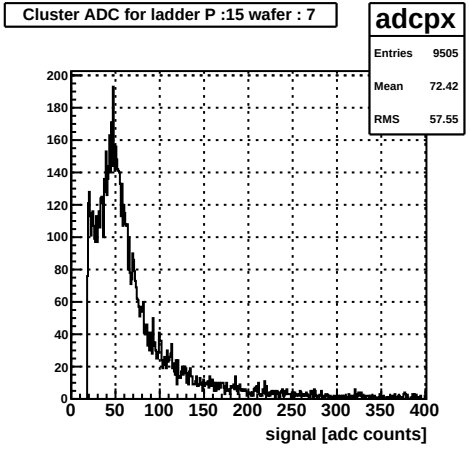

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10354
Mean 72.78
RMS 58.08
signal [adc counts]

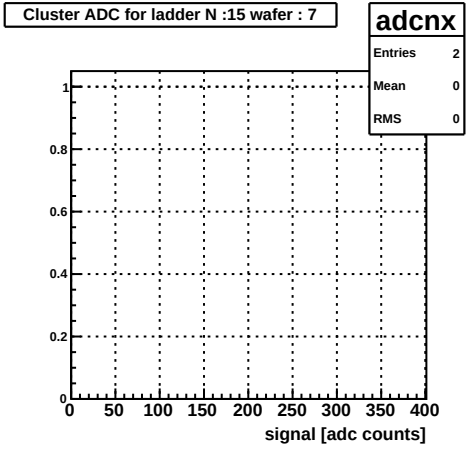

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 2412
Mean 46.48
RMS 45.82
signal [adc counts]

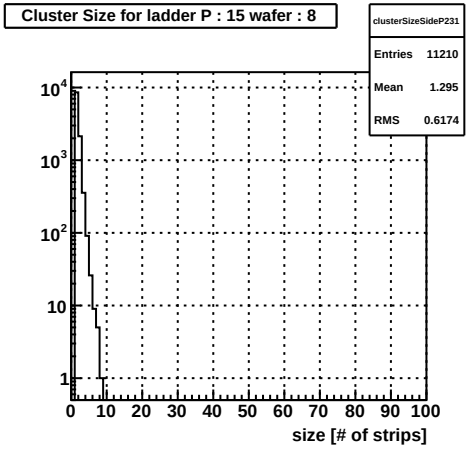

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 9505
Mean 1.308
RMS 0.6293
size [# of strips]

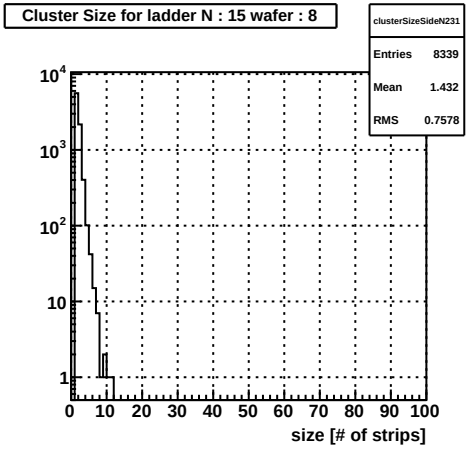

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2
Mean 1
RMS 0
size [# of strips]

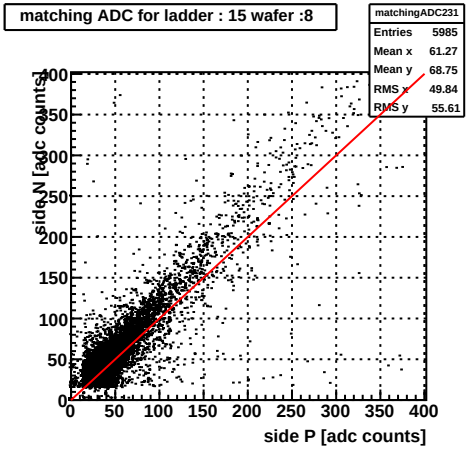

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

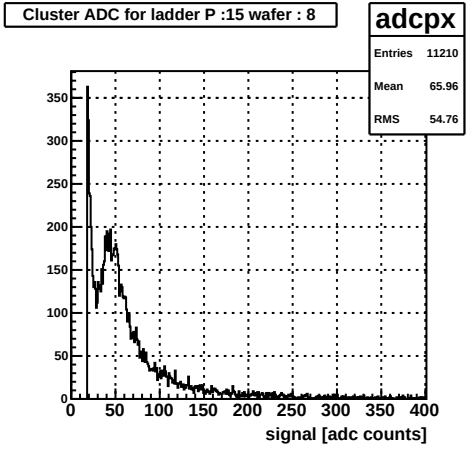

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 9505
Mean 72.42
RMS 57.55
signal [adc counts]

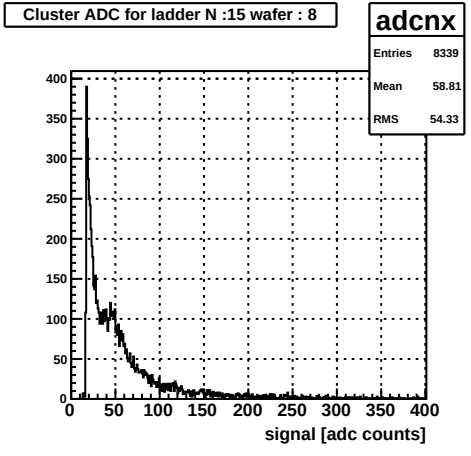

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

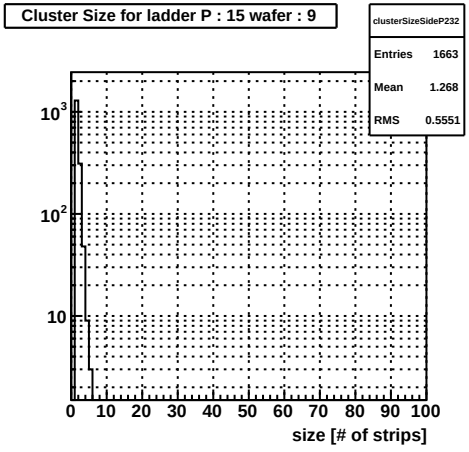

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 11210
Mean 1.295
RMS 0.6174
size [# of strips]

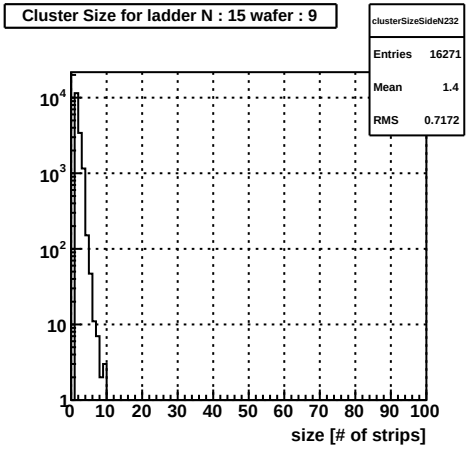

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 8339
Mean 1.432
RMS 0.7578
size [# of strips]

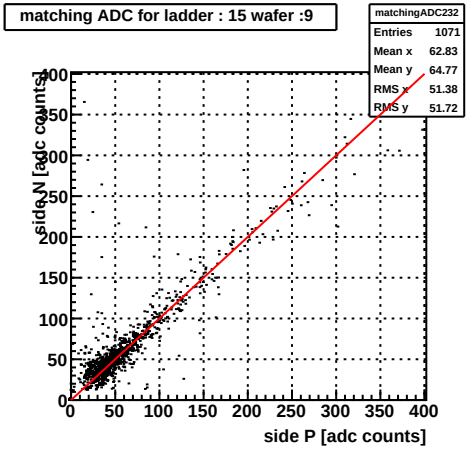

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 5985
Mean x 61.27
Mean y 68.75
RMS x 49.84
RMS y 55.61
side N [adc counts]
side P [adc counts]

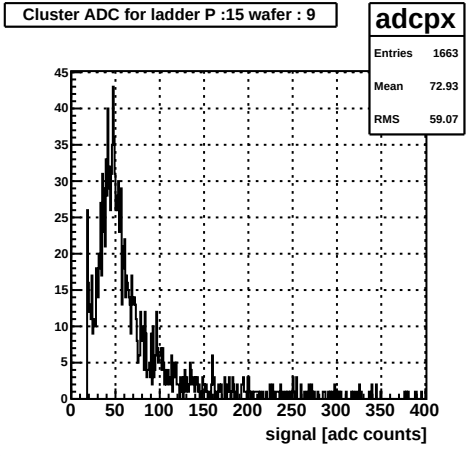

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 11210
Mean 65.96
RMS 54.76
signal [adc counts]

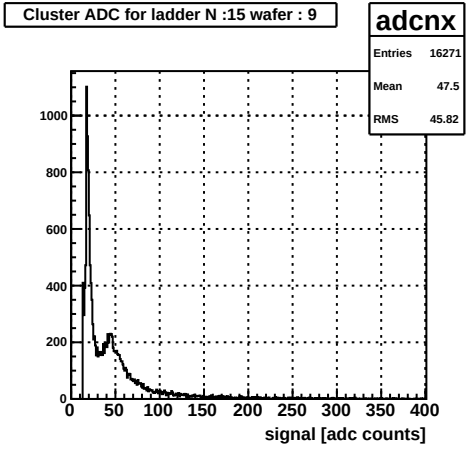

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 8339
Mean 58.81
RMS 54.33
signal [adc counts]

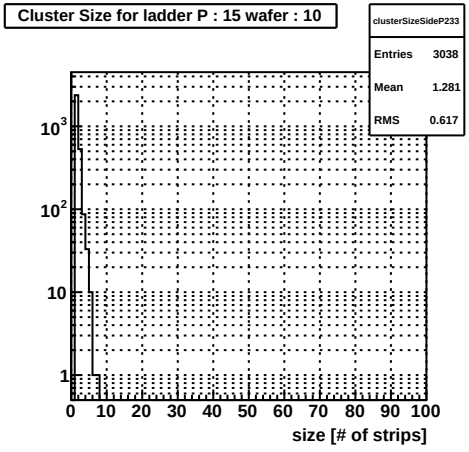

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 1663
Mean 1.268
RMS 0.5551
size [# of strips]

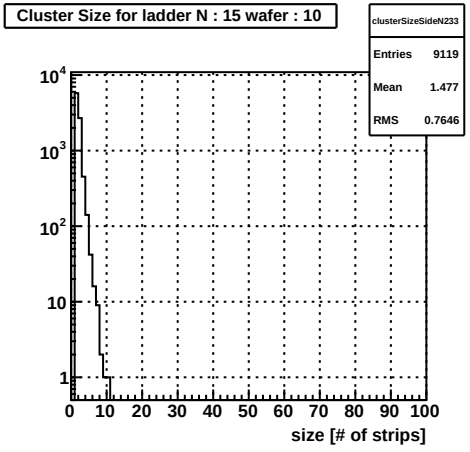

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 16271
Mean 1.4
RMS 0.7172
size [# of strips]

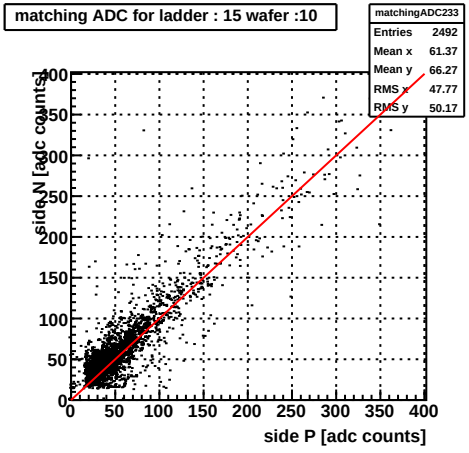

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1071
Mean x 62.83
Mean y 64.77
RMS x 51.38
RMS y 51.72
side N [adc counts]
side P [adc counts]

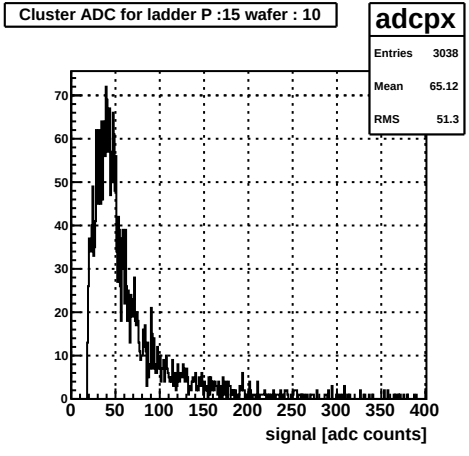

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 1663
Mean 72.93
RMS 59.07
signal [adc counts]

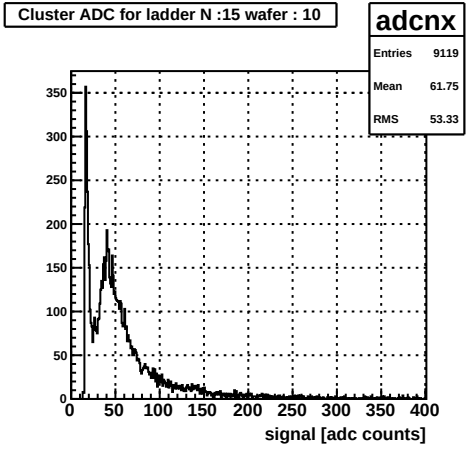

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 16271
Mean 47.5
RMS 45.82
signal [adc counts]

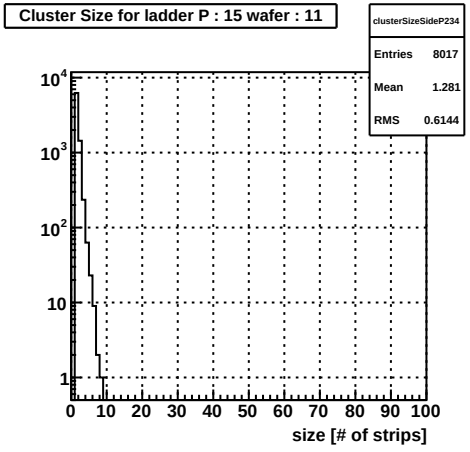

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 3038
Mean 1.281
RMS 0.617
size [# of strips]

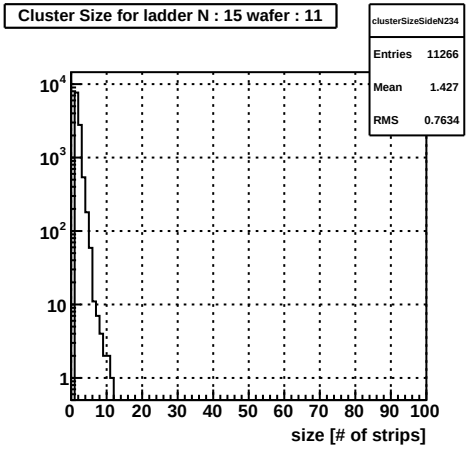

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 9119
Mean 1.477
RMS 0.7646
size [# of strips]

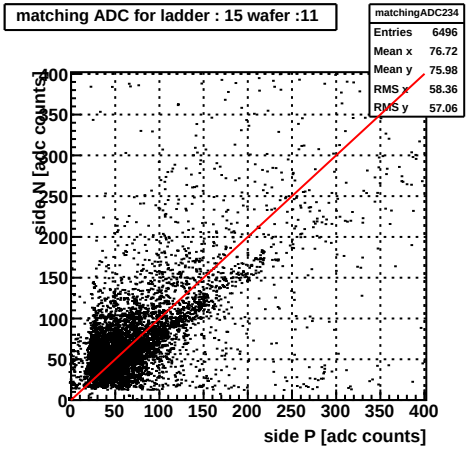

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2492
Mean x 61.37
Mean y 66.27
RMS x 47.77
RMS y 50.17
side N [adc counts]
side P [adc counts]

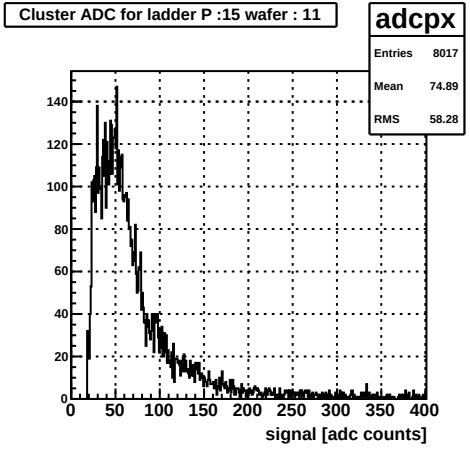

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 3038
Mean 65.12
RMS 51.3
signal [adc counts]

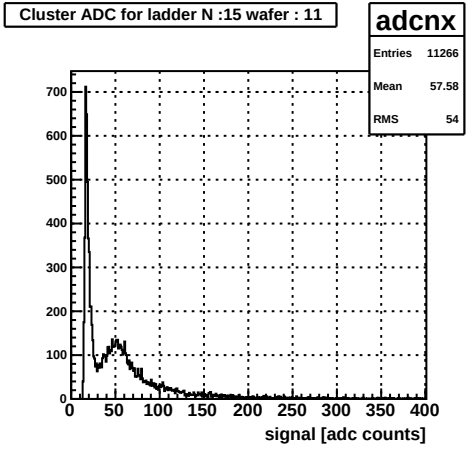

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 9119
Mean 61.75
RMS 53.33
signal [adc counts]

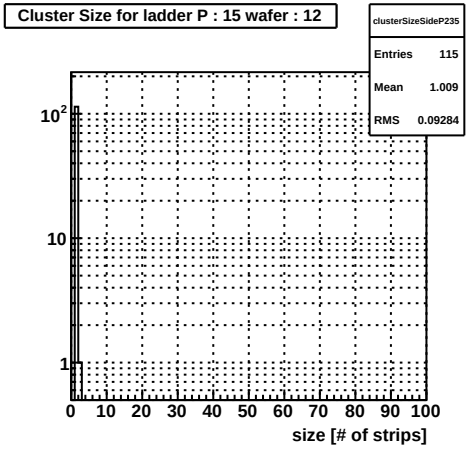

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 8017
Mean 1.281
RMS 0.6144
size [# of strips]

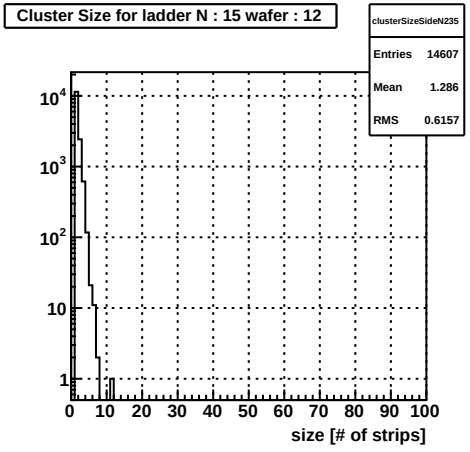

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 11266
Mean 1.427
RMS 0.7634
size [# of strips]

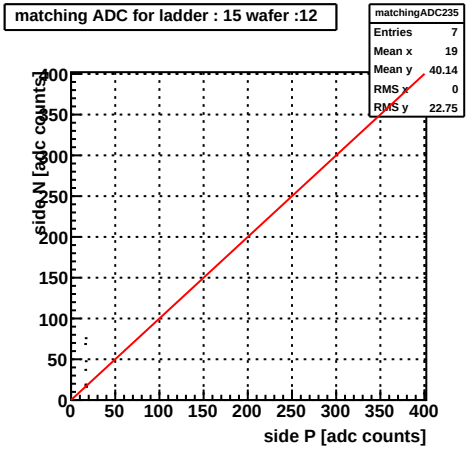

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 6496
Mean x 76.72
Mean y 75.98
RMS x 58.36
RMS y 57.06
side N [adc counts]
side P [adc counts]

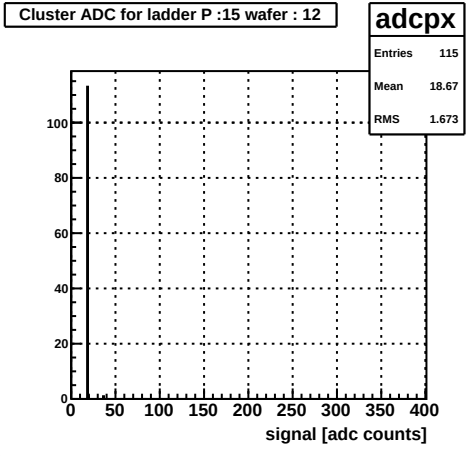

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 8017
Mean 74.89
RMS 58.28
signal [adc counts]

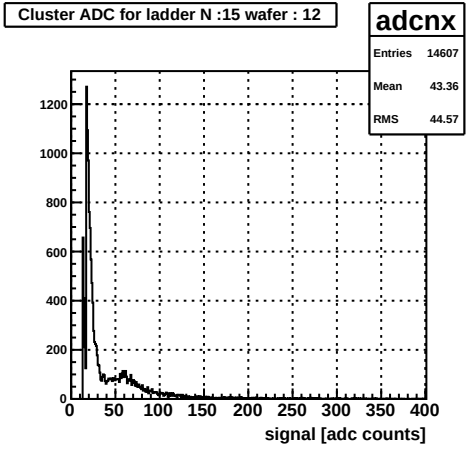

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 11266
Mean 57.58
RMS 54
signal [adc counts]

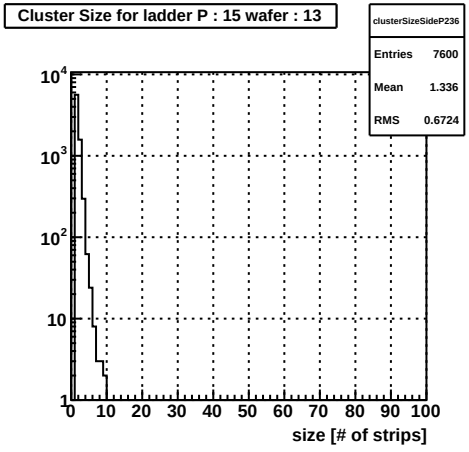

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 115
Mean 1.009
RMS 0.09284
size [# of strips]

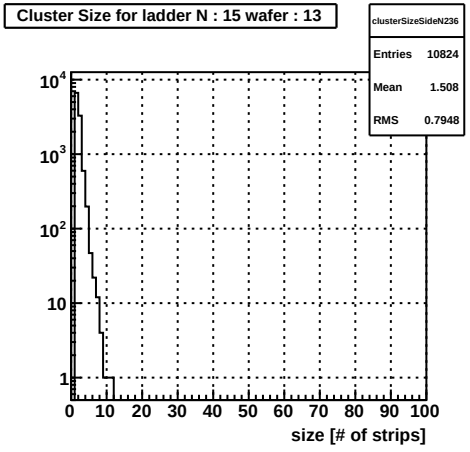

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 14607
Mean 1.286
RMS 0.6157
size [# of strips]

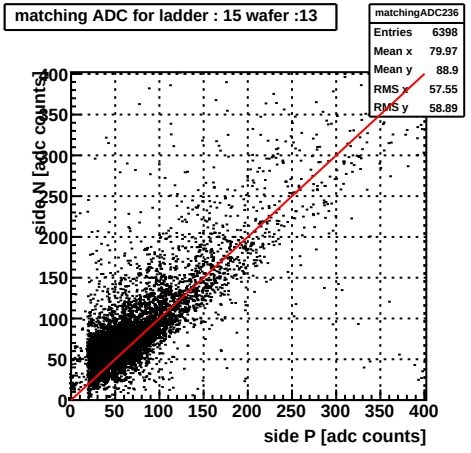

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 7
Mean x 19
Mean y 40.14
RMS x 0
RMS y 22.75
side N [adc counts]
side P [adc counts]

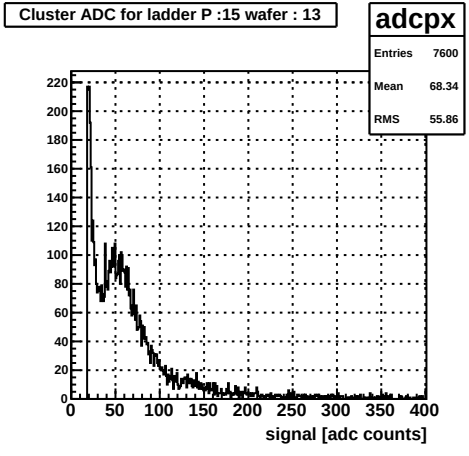

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 115
Mean 18.67
RMS 1.673
signal [adc counts]

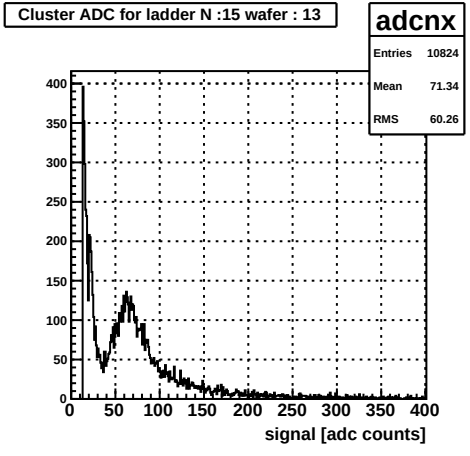

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 14607
Mean 43.36
RMS 44.57
signal [adc counts]

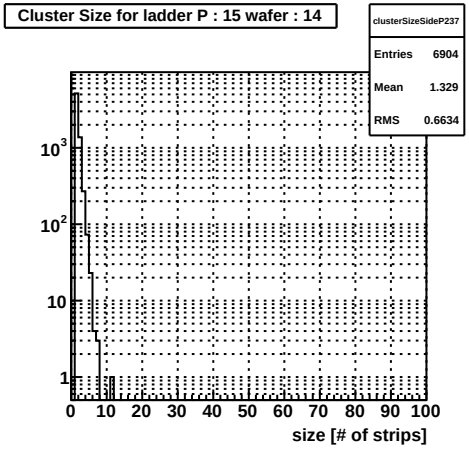

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 7600
Mean 1.336
RMS 0.6724
size [# of strips]

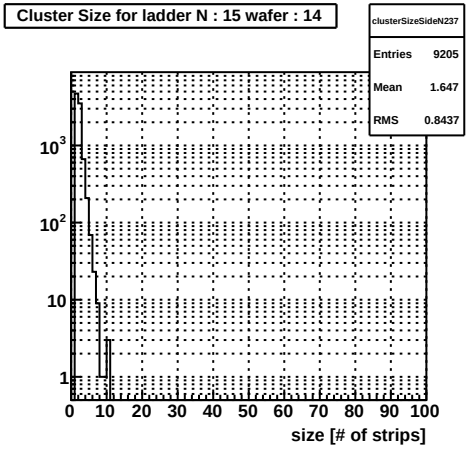

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 10824
Mean 1.508
RMS 0.7948
size [# of strips]

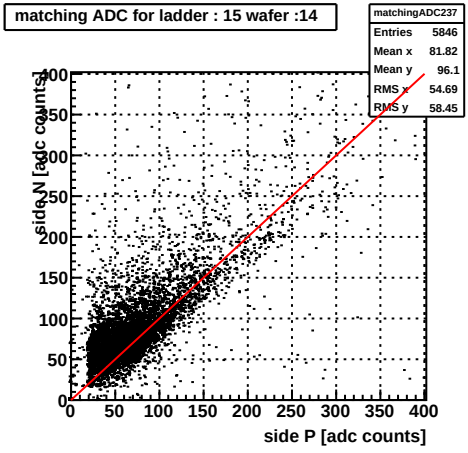

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 6398
Mean x 79.97
Mean y 88.9
RMS x 57.55
RMS y 58.89
side N [adc counts]
side P [adc counts]

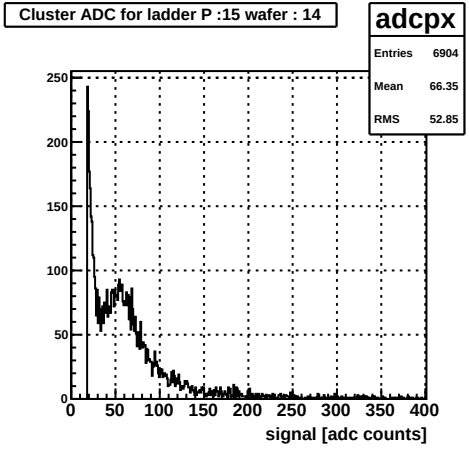

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 7600
Mean 68.34
RMS 55.86
signal [adc counts]

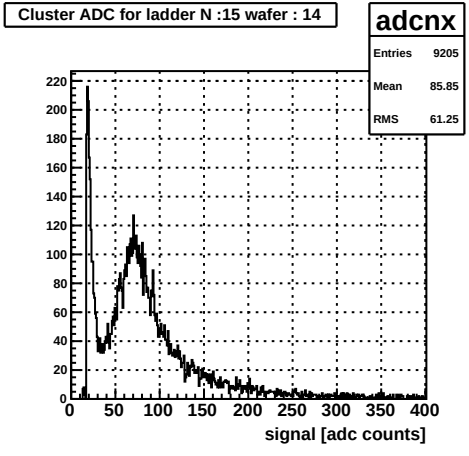

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 10824
Mean 71.34
RMS 60.26
signal [adc counts]

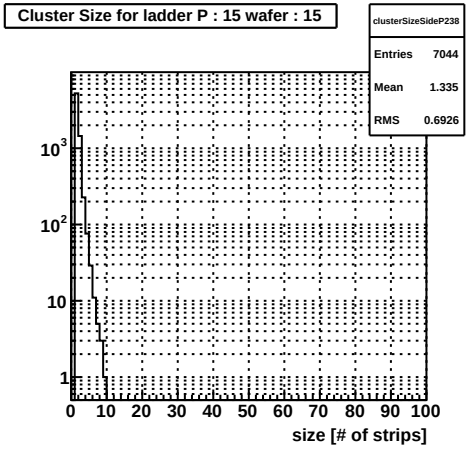

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 6904
Mean 1.329
RMS 0.6634
size [# of strips]

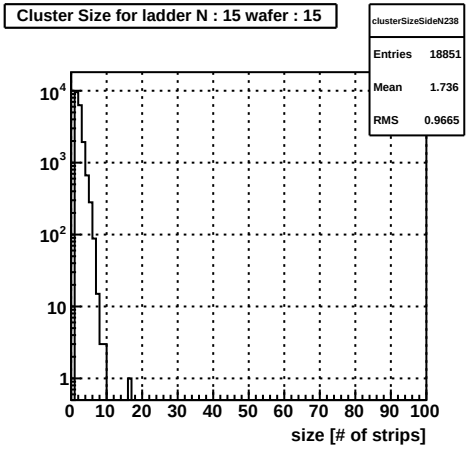

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 9205
Mean 1.647
RMS 0.8437
size [# of strips]

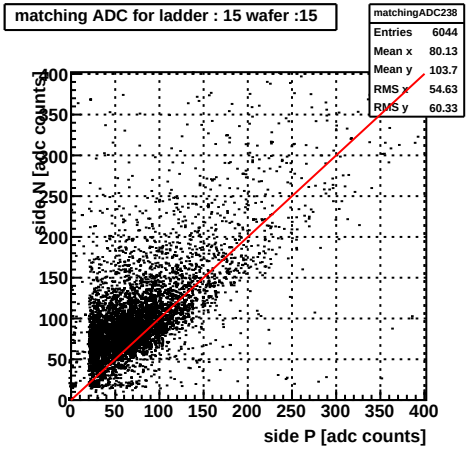

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 5846
Mean x 81.82
Mean y 96.1
RMS x 54.69
RMS y 58.45
side N [adc counts]
side P [adc counts]

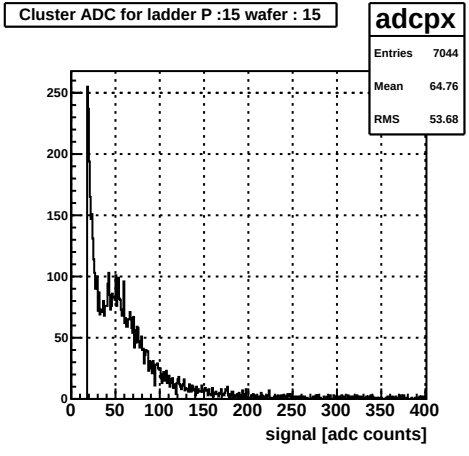

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 6904
Mean 66.35
RMS 52.85
signal [adc counts]

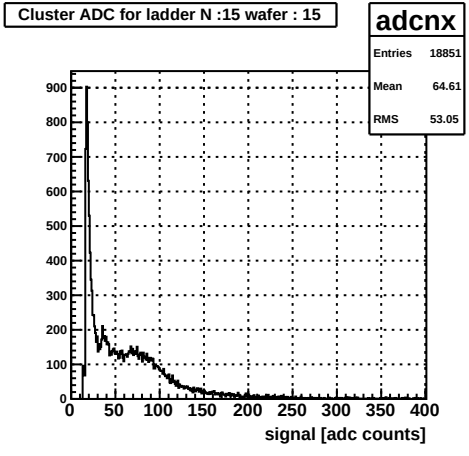

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 9205
Mean 85.85
RMS 61.25
signal [adc counts]

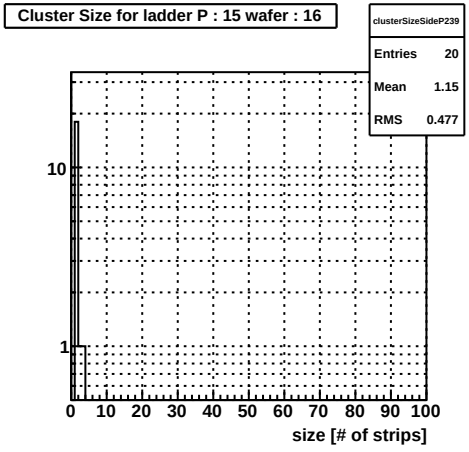

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 7044
Mean 1.335
RMS 0.6926
size [# of strips]

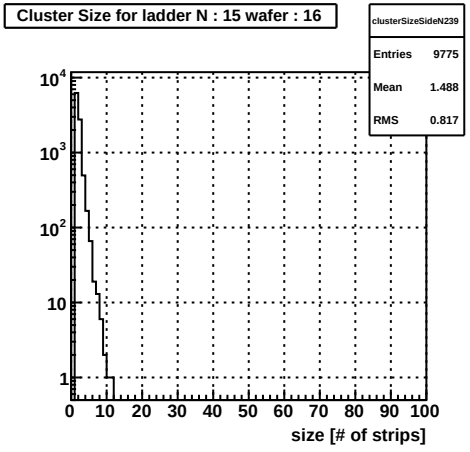

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 18851
Mean 1.736
RMS 0.9665
size [# of strips]

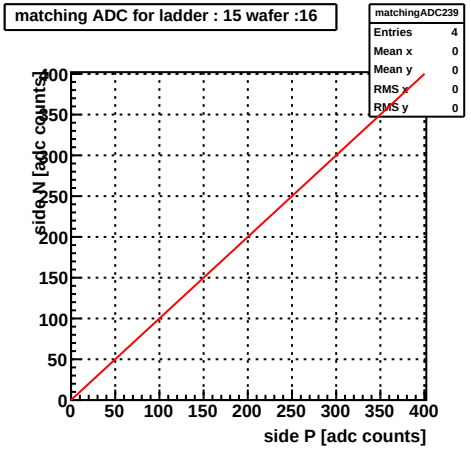

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 6044
Mean x 80.13
Mean y 103.7
RMS x 54.63
RMS y 60.33
side N [adc counts]
side P [adc counts]

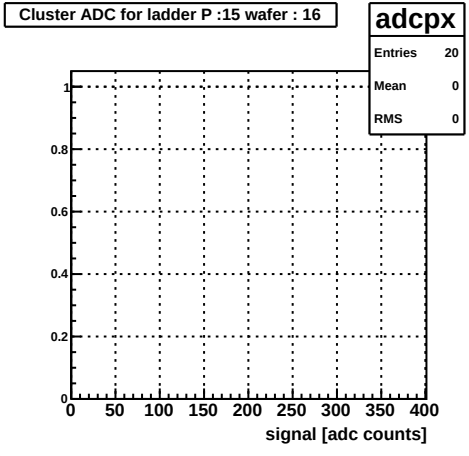

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 7044
Mean 64.76
RMS 53.68
signal [adc counts]

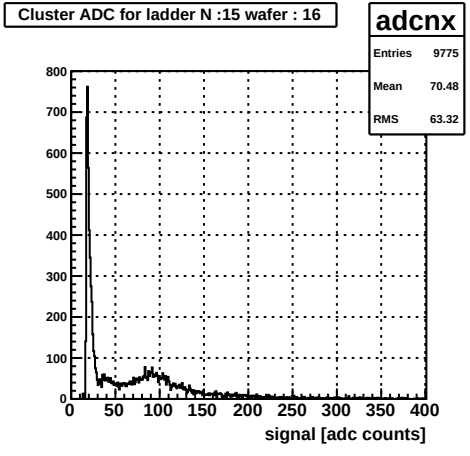

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 18851
Mean 64.61
RMS 53.05
signal [adc counts]

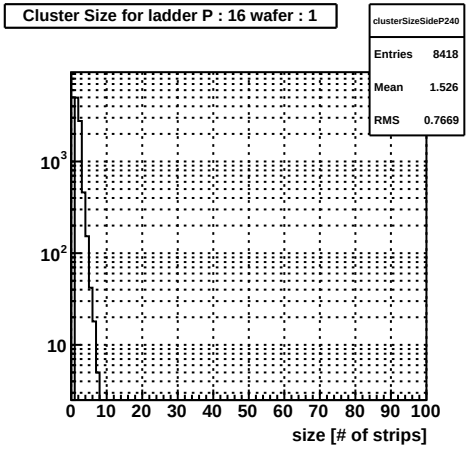

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 20
Mean 1.15
RMS 0.477
size [# of strips]

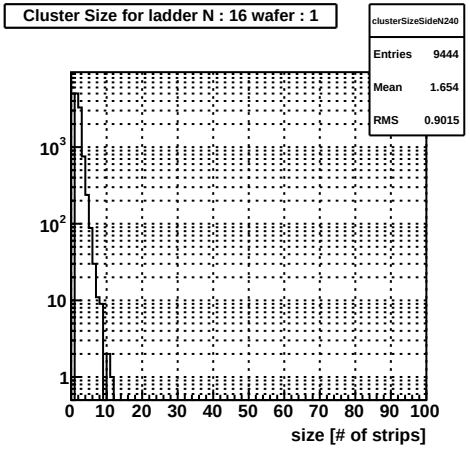

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 9775
Mean 1.488
RMS 0.817
size [# of strips]

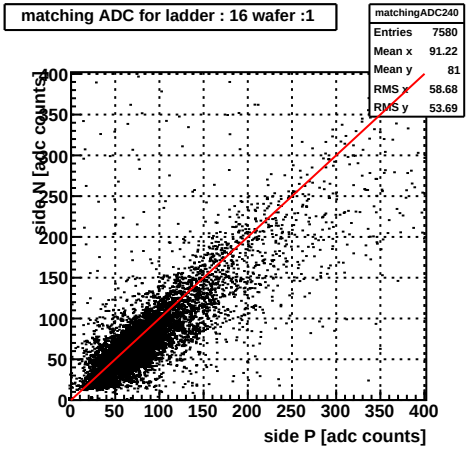

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

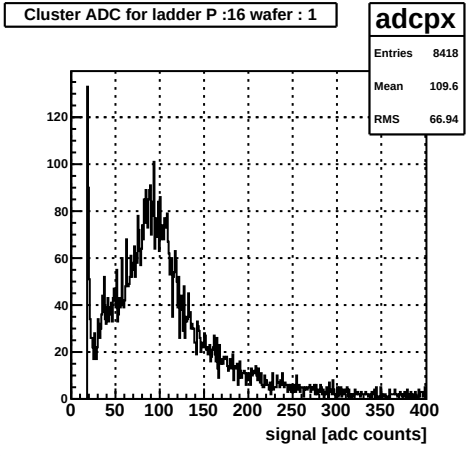

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 20
Mean 0
RMS 0
signal [adc counts]

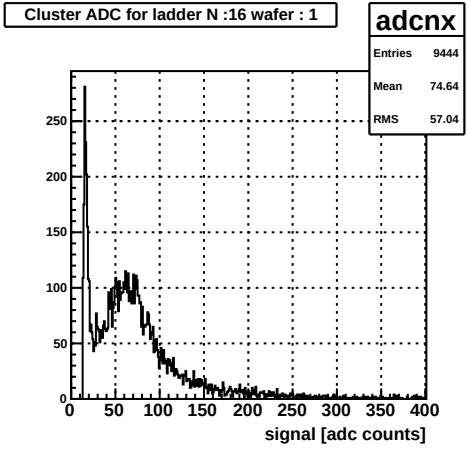

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 9775
Mean 70.48
RMS 63.32
signal [adc counts]

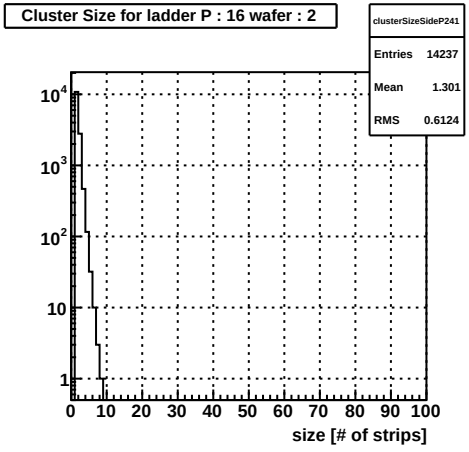

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 8418
Mean 1.526
RMS 0.7669
size [# of strips]

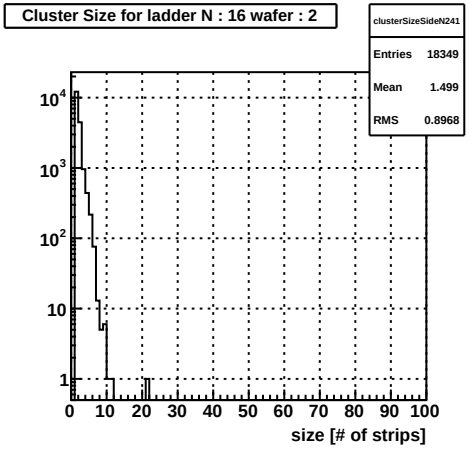

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 9444
Mean 1.654
RMS 0.9015
size [# of strips]

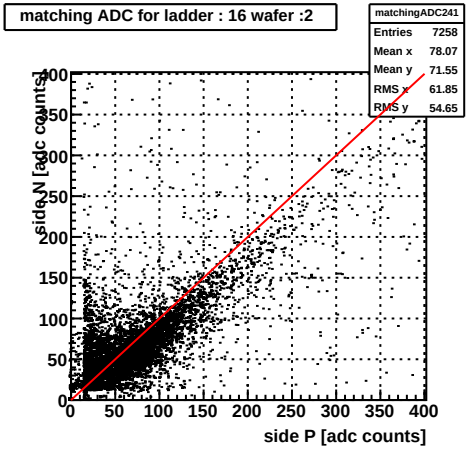

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 7580
Mean x 91.22
Mean y 81
RMS x 58.68
RMS y 53.69
side N [adc counts]
side P [adc counts]

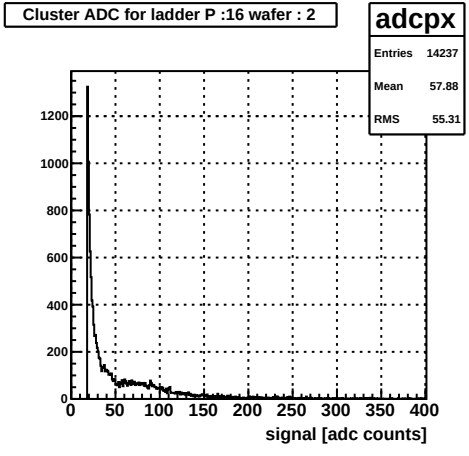

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 8418
Mean 109.6
RMS 66.94
signal [adc counts]

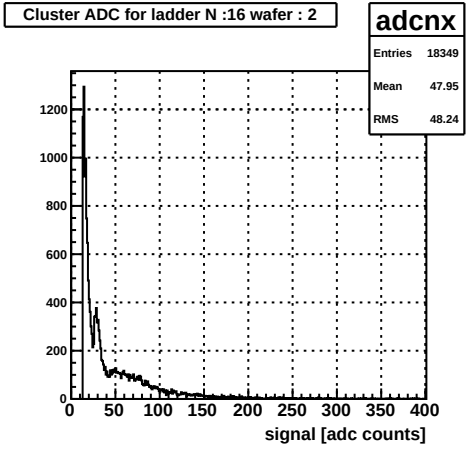

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 9444
Mean 74.64
RMS 57.04
signal [adc counts]

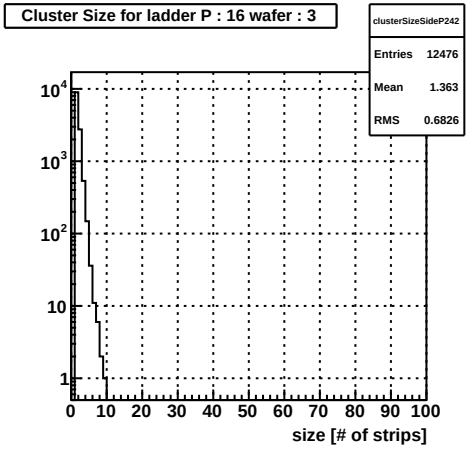

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14237
Mean 1.301
RMS 0.6124
size [# of strips]

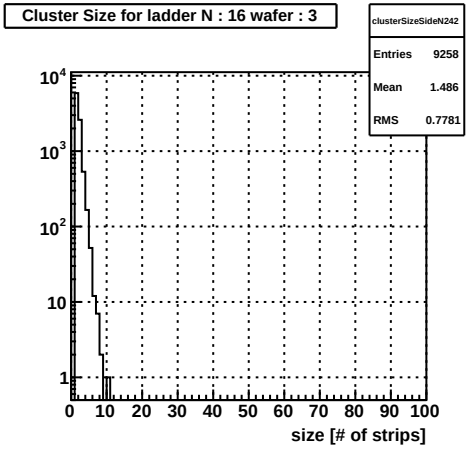

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 18349
Mean 1.499
RMS 0.8968
size [# of strips]

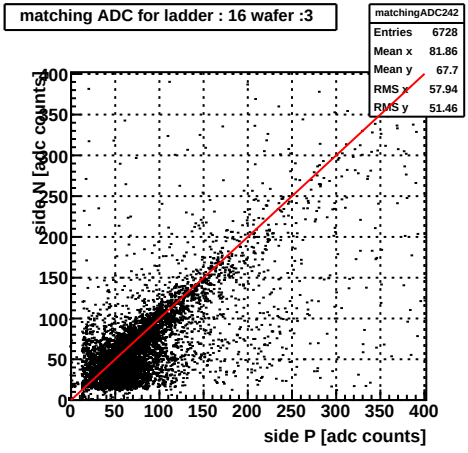

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 7258
Mean x 78.07
Mean y 71.55
RMS x 61.85
RMS y 54.65
side N [adc counts]
side P [adc counts]

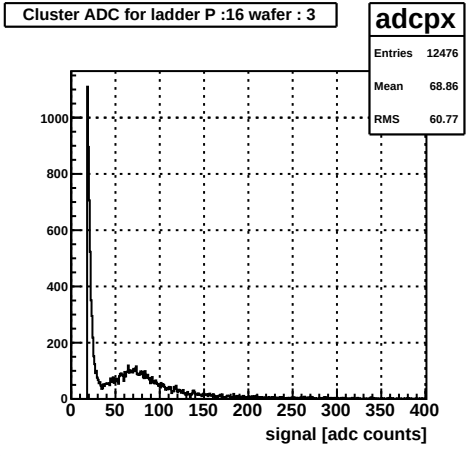

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14237
Mean 57.88
RMS 55.31
signal [adc counts]

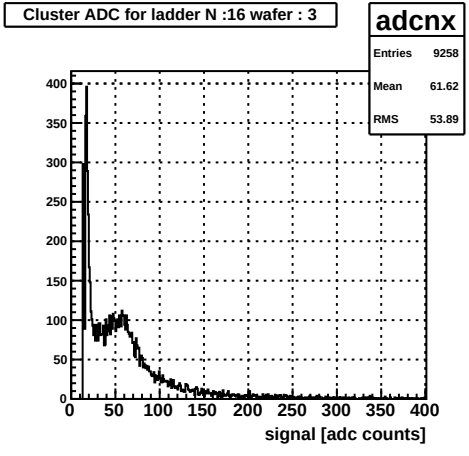

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 18349
Mean 47.95
RMS 48.24
signal [adc counts]

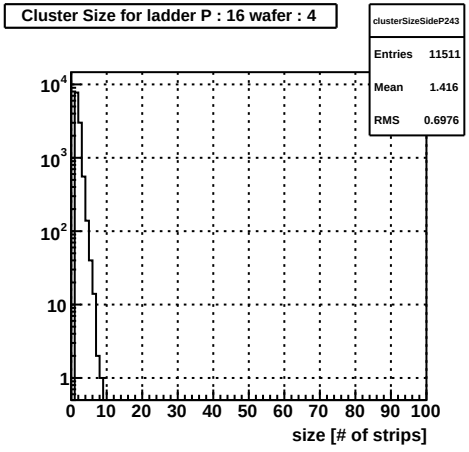

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 12476
Mean 1.363
RMS 0.6826
size [# of strips]

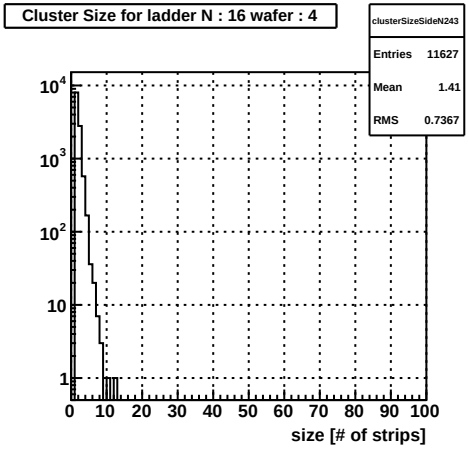

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 9258
Mean 1.486
RMS 0.7781
size [# of strips]

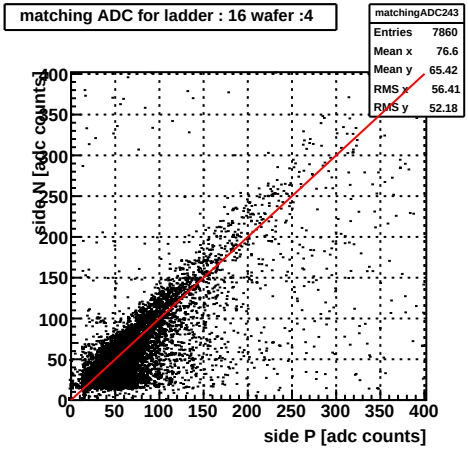

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 6728
Mean x 81.86
Mean y 67.7
RMS x 57.94
RMS y 51.46
side N [adc counts]
side P [adc counts]

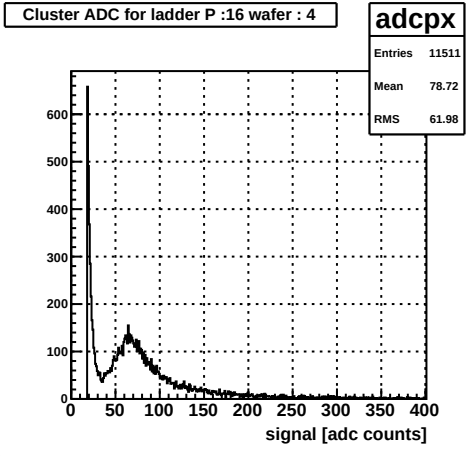

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 12476
Mean 68.86
RMS 60.77
signal [adc counts]

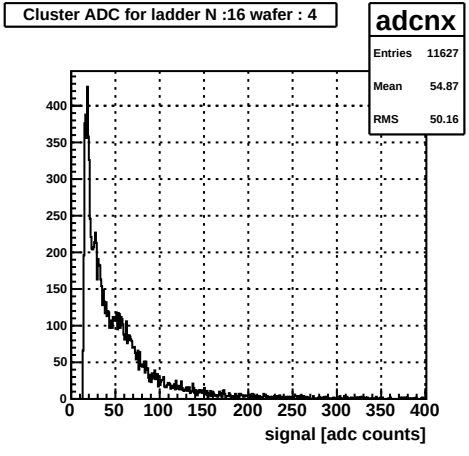

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 9258
Mean 61.62
RMS 53.89
signal [adc counts]

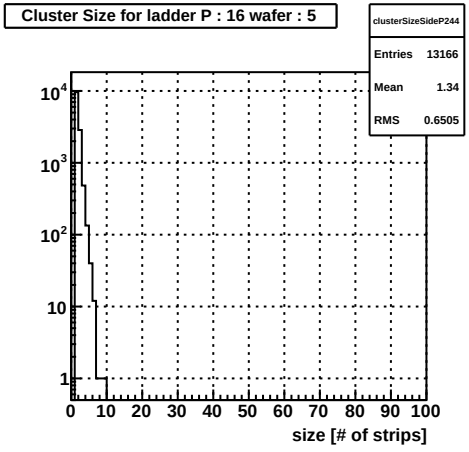

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 11511
Mean 1.416
RMS 0.6976
size [# of strips]

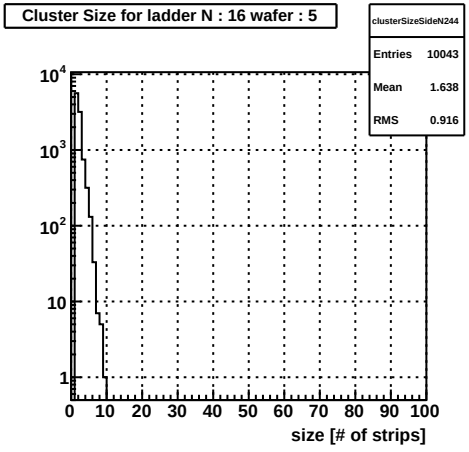

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11627
Mean 1.41
RMS 0.7367
size [# of strips]

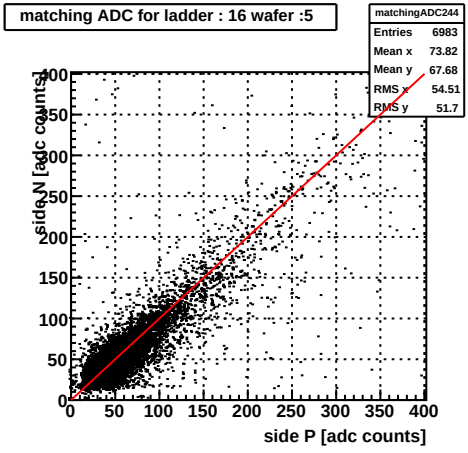

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 7860
Mean x 76.6
Mean y 65.42
RMS x 56.41
RMS y 52.18
side N [adc counts]
side P [adc counts]

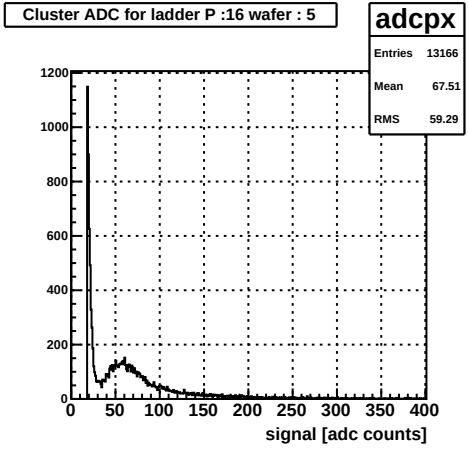

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 11511
Mean 78.72
RMS 61.98
signal [adc counts]

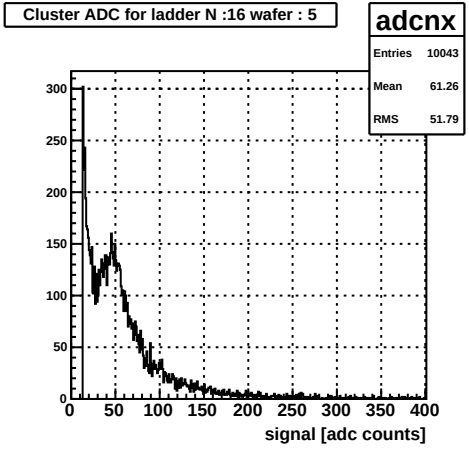

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11627
Mean 54.87
RMS 50.16
signal [adc counts]

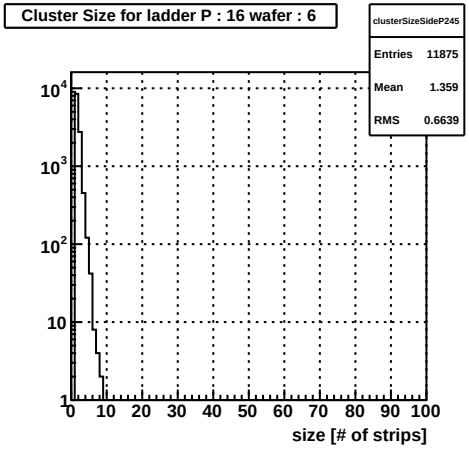

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 13166
Mean 1.34
RMS 0.6505
size [# of strips]

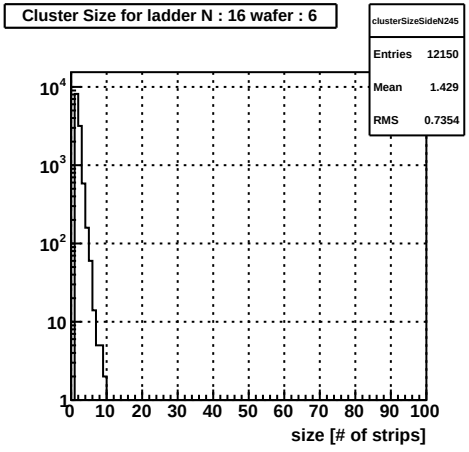

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 10043
Mean 1.638
RMS 0.916
size [# of strips]

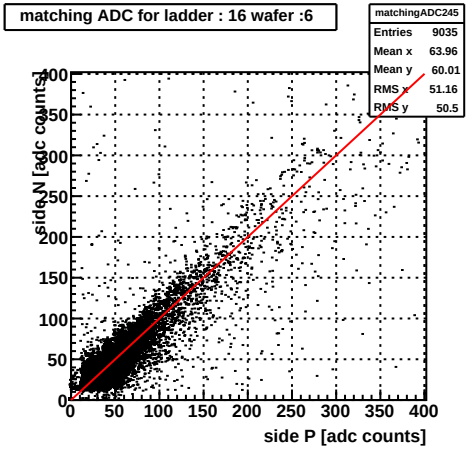

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 6983
Mean x 73.82
Mean y 67.68
RMS x 54.51
RMS y 51.7
side N [adc counts]
side P [adc counts]

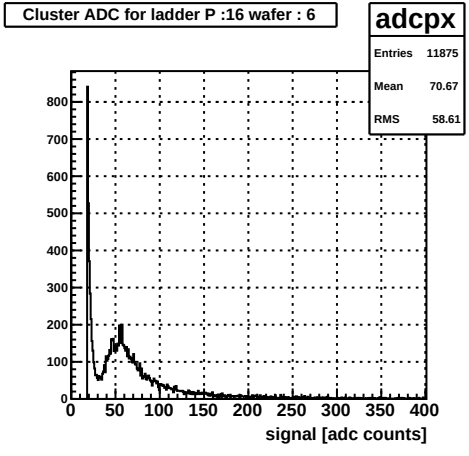

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 13166
Mean 67.51
RMS 59.29
signal [adc counts]

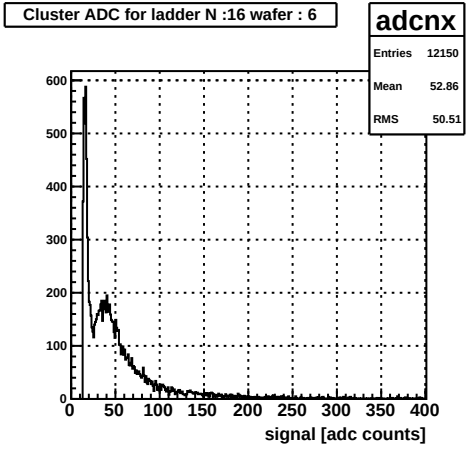

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 10043
Mean 61.26
RMS 51.79
signal [adc counts]

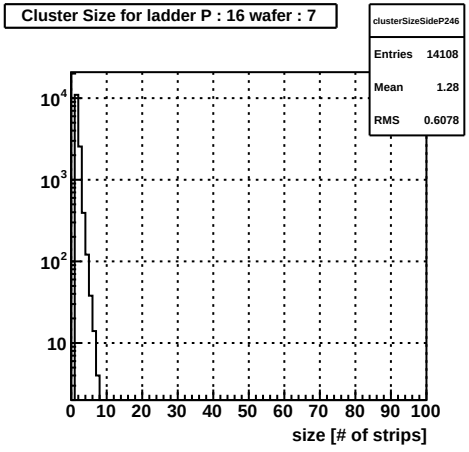

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 11875
Mean 1.359
RMS 0.6639
size [# of strips]

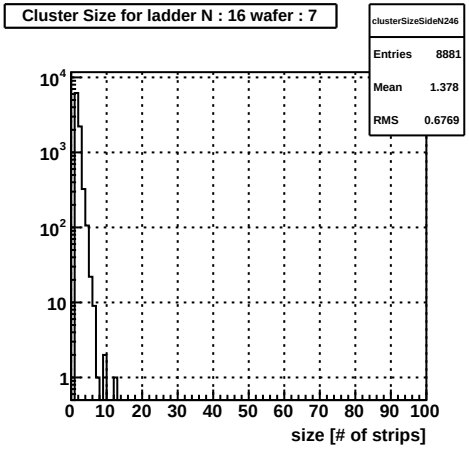

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 12150
Mean 1.429
RMS 0.7354
size [# of strips]

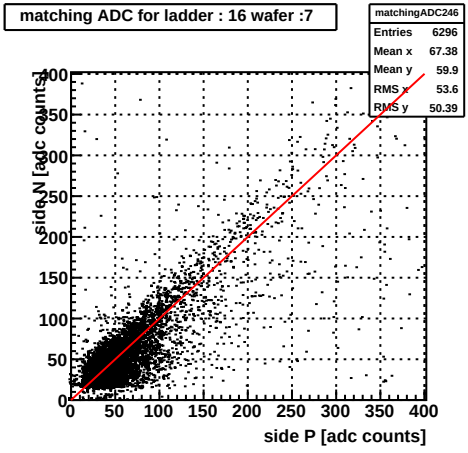

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 9035
Mean x 63.96
Mean y 60.01
RMS x 51.16
RMS y 50.5
side N [adc counts]
side P [adc counts]

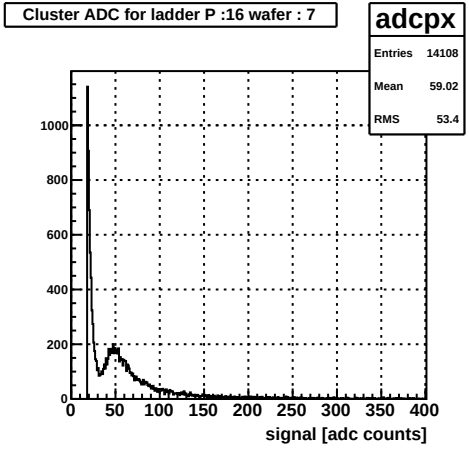

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 11875
Mean 70.67
RMS 58.61
signal [adc counts]

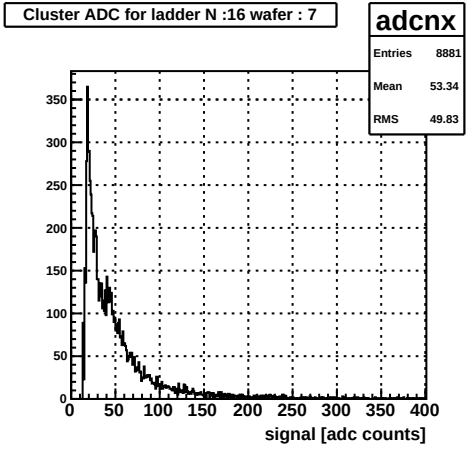

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 12150
Mean 52.86
RMS 50.51
signal [adc counts]

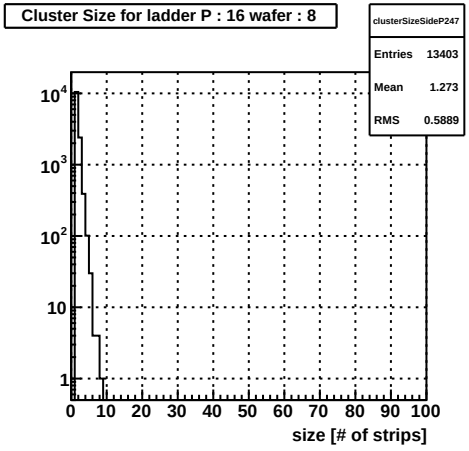

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 14108
Mean 1.28
RMS 0.6078
size [# of strips]

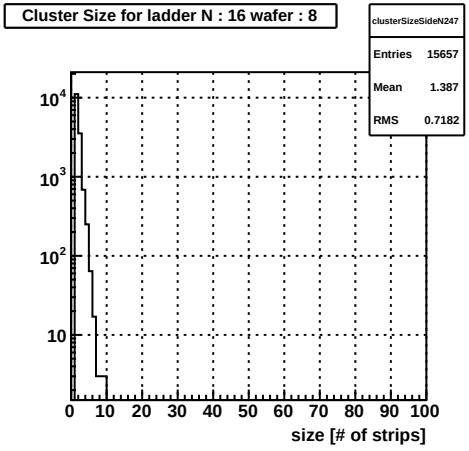

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 8881
Mean 1.378
RMS 0.6769
size [# of strips]

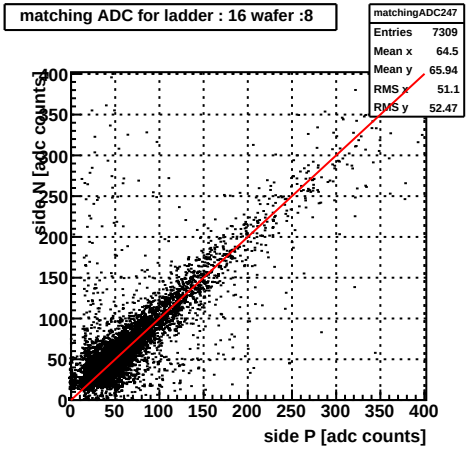

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 6296
Mean x 67.38
Mean y 59.9
RMS x 53.6
RMS y 50.39
side N [adc counts]
side P [adc counts]

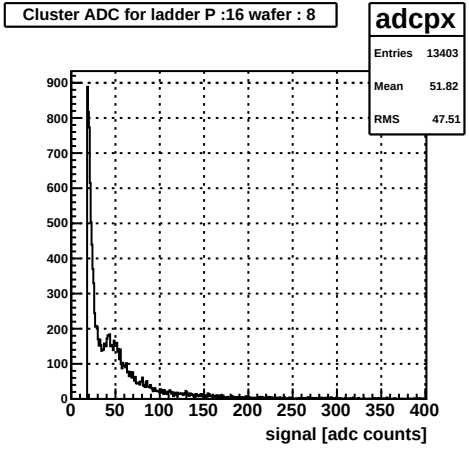

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 14108
Mean 59.02
RMS 53.4
signal [adc counts]

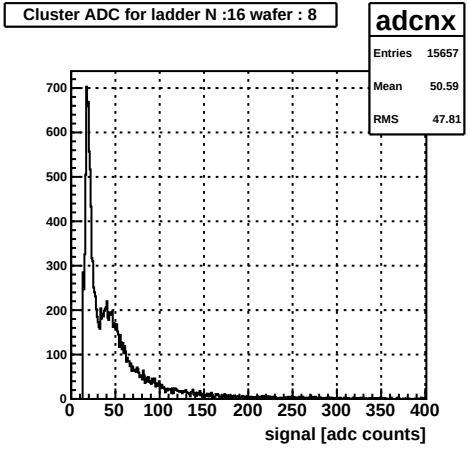

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 8881
Mean 53.34
RMS 49.83
signal [adc counts]

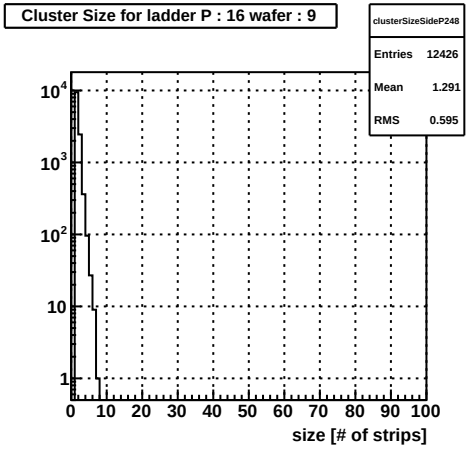

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13403
Mean 1.273
RMS 0.5889
size [# of strips]

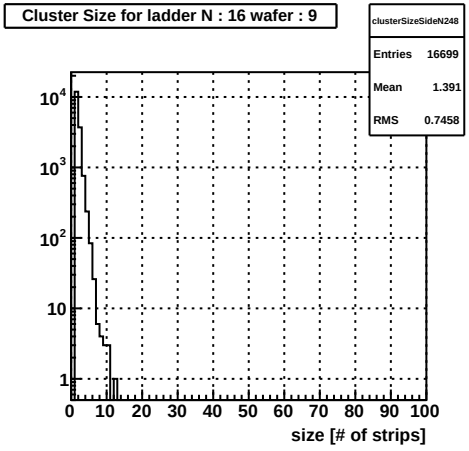

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 15657
Mean 1.387
RMS 0.7182
size [# of strips]

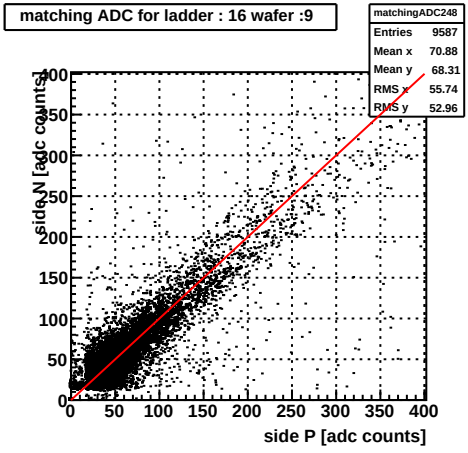

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 7309
Mean x 64.5
Mean y 65.94
RMS x 51.1
RMS y 52.47
side N [adc counts]
side P [adc counts]

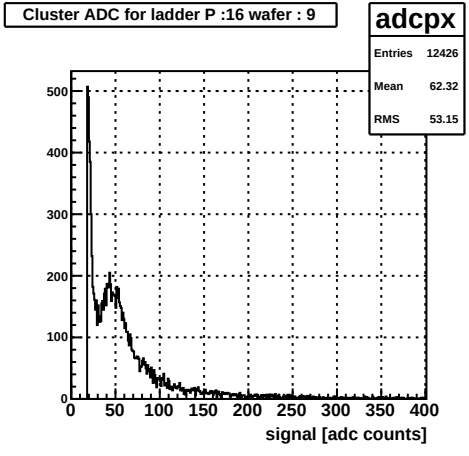

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13403
Mean 51.82
RMS 47.51
signal [adc counts]

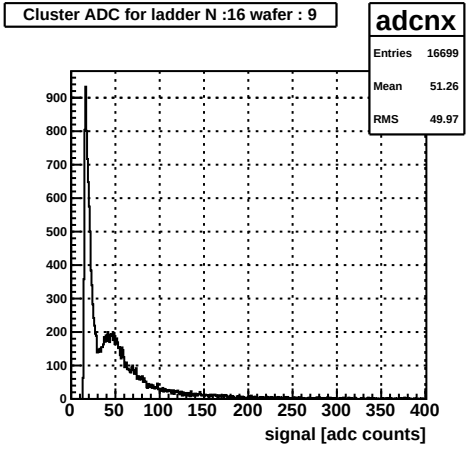

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 15657
Mean 50.59
RMS 47.81
signal [adc counts]

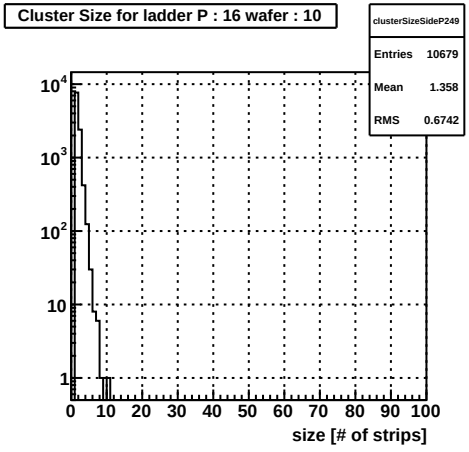

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12426
Mean 1.291
RMS 0.595
size [# of strips]

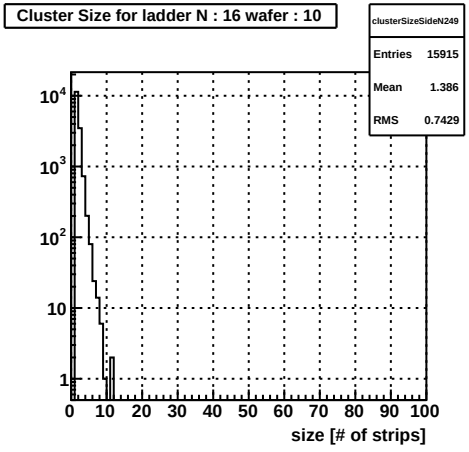

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 16699
Mean 1.391
RMS 0.7458
size [# of strips]

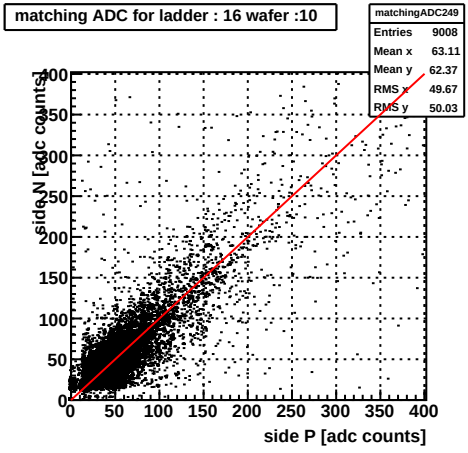

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 9587
Mean x 70.88
Mean y 68.31
RMS x 55.74
RMS y 52.96
side N [adc counts]
side P [adc counts]

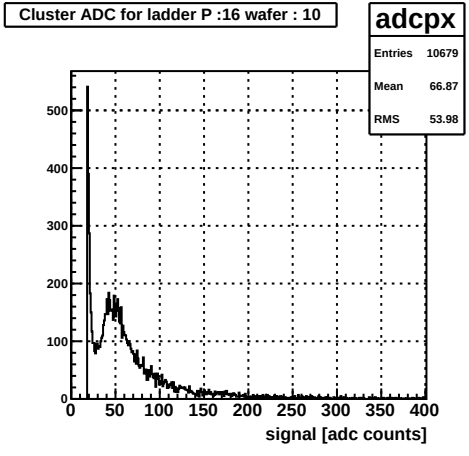

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12426
Mean 62.32
RMS 53.15
signal [adc counts]

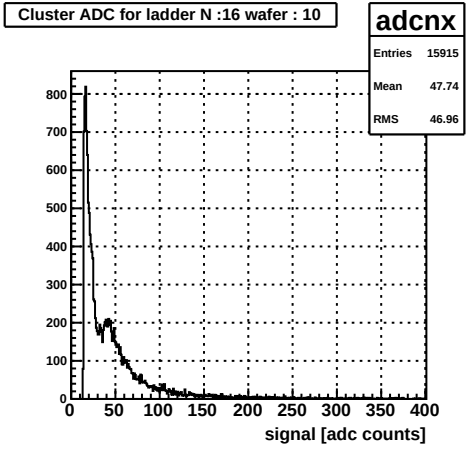

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 16699
Mean 51.26
RMS 49.97
signal [adc counts]

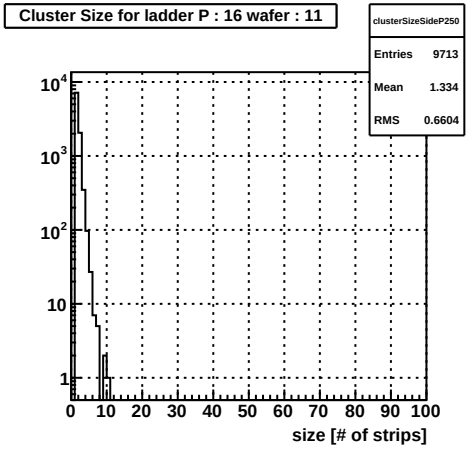

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10679
Mean 1.358
RMS 0.6742
size [# of strips]

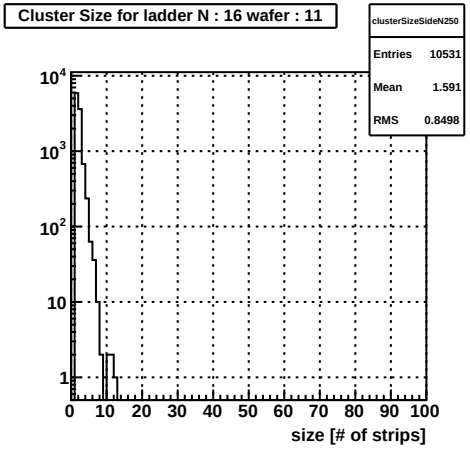

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 15915
Mean 1.386
RMS 0.7429
size [# of strips]

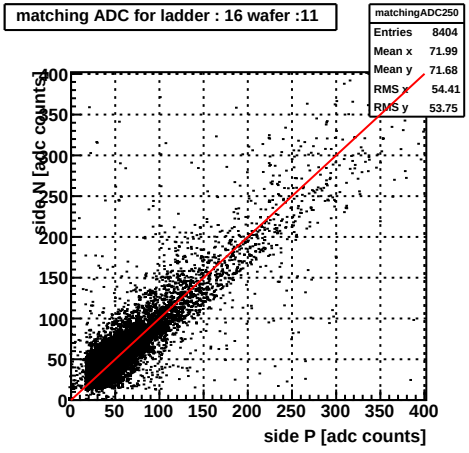

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 9008
Mean x 63.11
Mean y 62.37
RMS x 49.67
RMS y 50.03
side N [adc counts]
side P [adc counts]

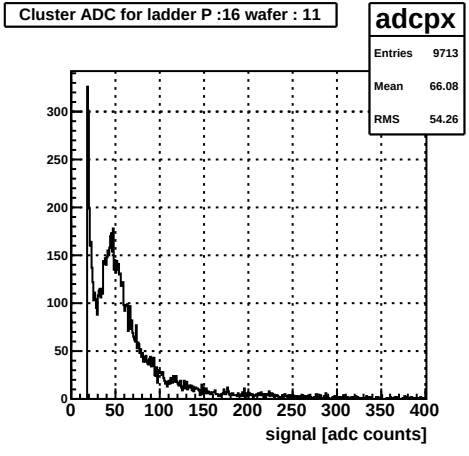

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10679
Mean 66.87
RMS 53.98
signal [adc counts]

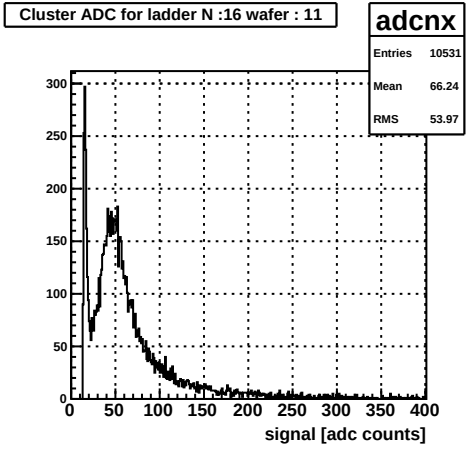

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 15915
Mean 47.74
RMS 46.96
signal [adc counts]

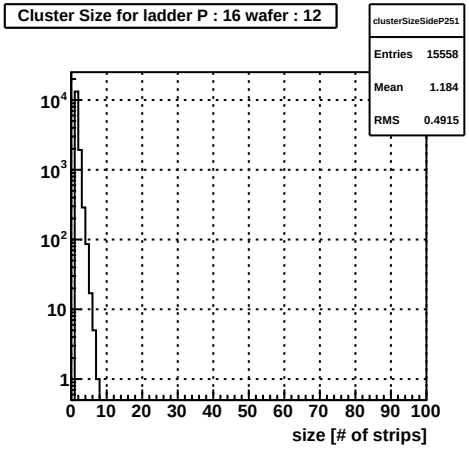

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 9713
Mean 1.334
RMS 0.6604
size [# of strips]

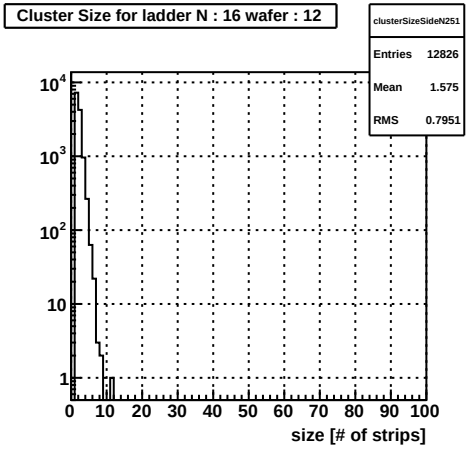

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 10531
Mean 1.591
RMS 0.8498
size [# of strips]

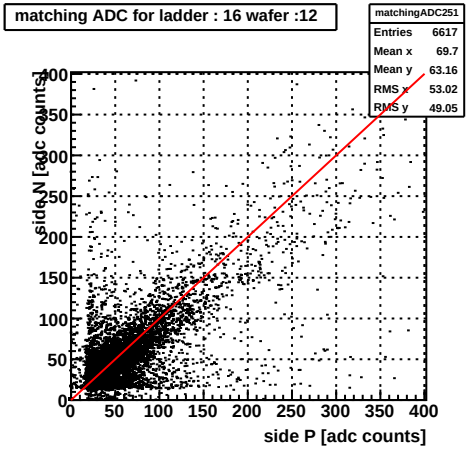

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 8404
Mean x 71.99
Mean y 71.68
RMS x 54.41
RMS y 53.75
side N [adc counts]
side P [adc counts]

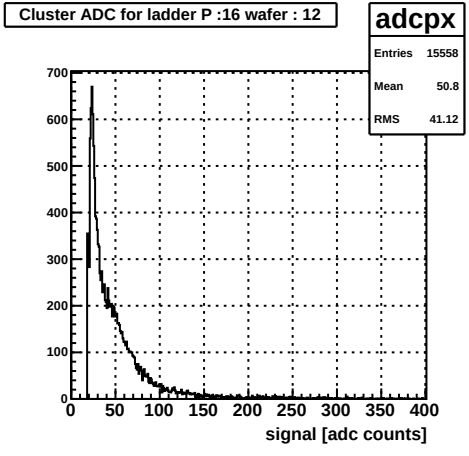

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 9713
Mean 66.08
RMS 54.26
signal [adc counts]

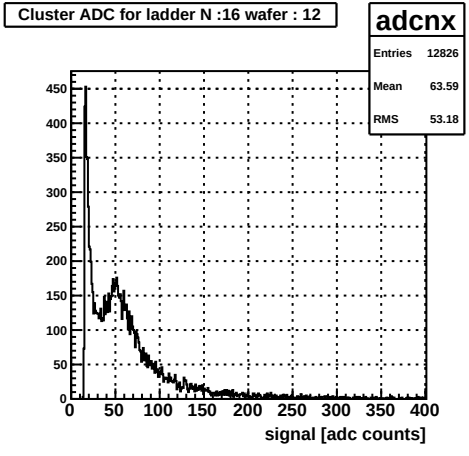

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 10531
Mean 66.24
RMS 53.97
signal [adc counts]

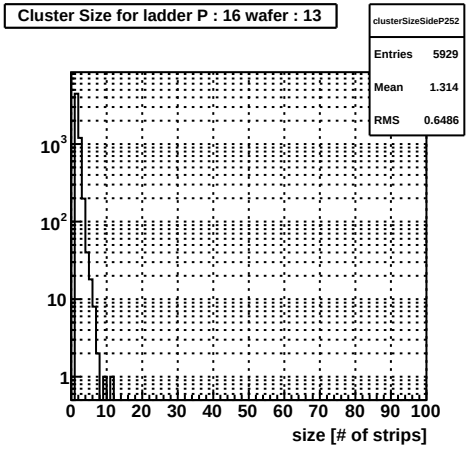

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 15558
Mean 1.184
RMS 0.4915
size [# of strips]

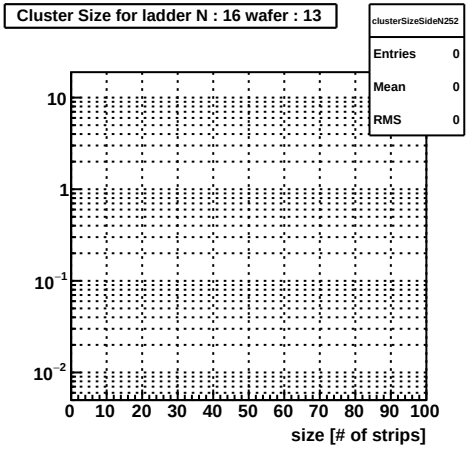

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 12826
Mean 1.575
RMS 0.7951
size [# of strips]

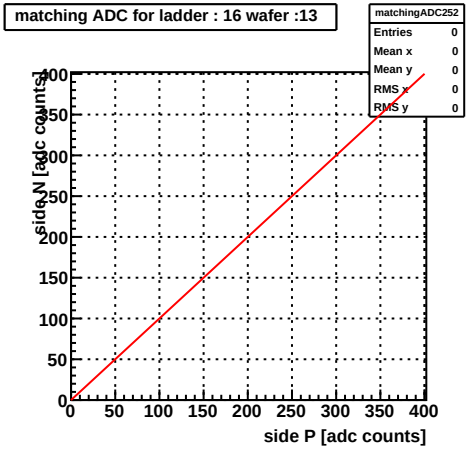

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 6617
Mean x 69.7
Mean y 63.16
RMS x 53.02
RMS y 49.05
side N [adc counts]
side P [adc counts]

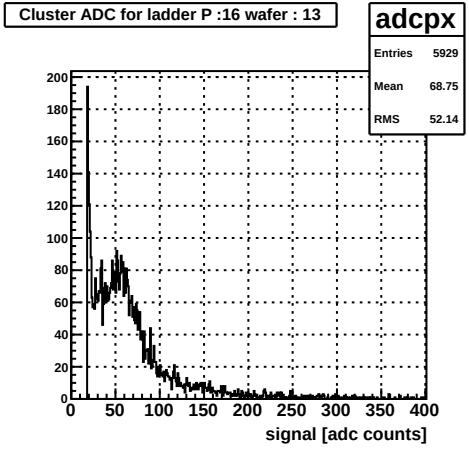

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 15558
Mean 50.8
RMS 41.12
signal [adc counts]

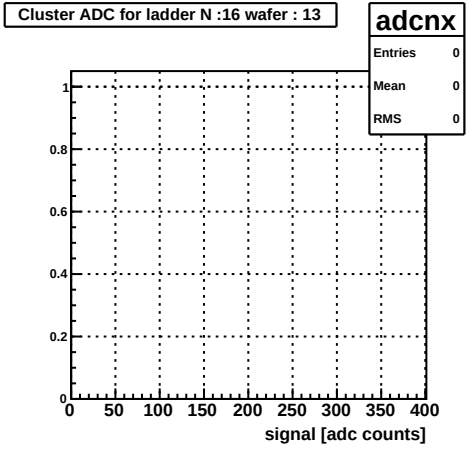

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 12826
Mean 63.59
RMS 53.18
signal [adc counts]

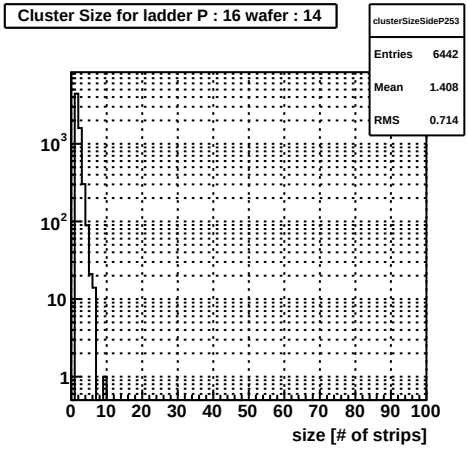

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 5929
Mean 1.314
RMS 0.6486
size [# of strips]

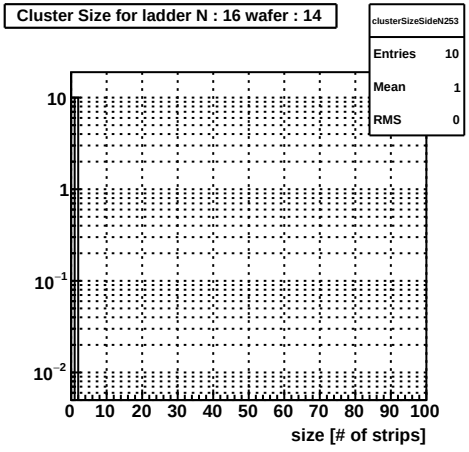

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

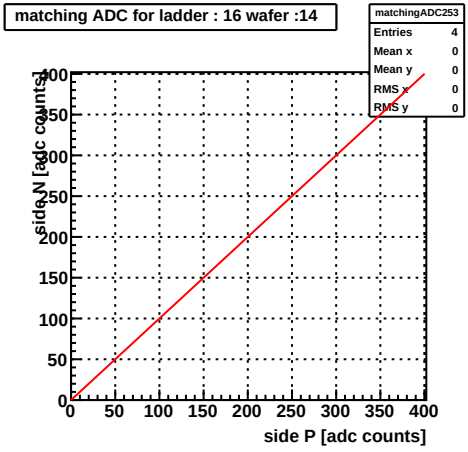

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

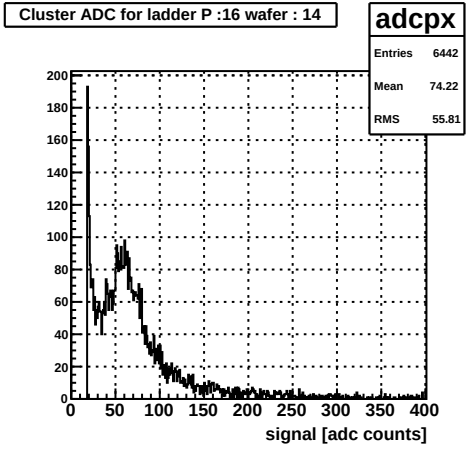

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 5929
Mean 68.75
RMS 52.14
signal [adc counts]

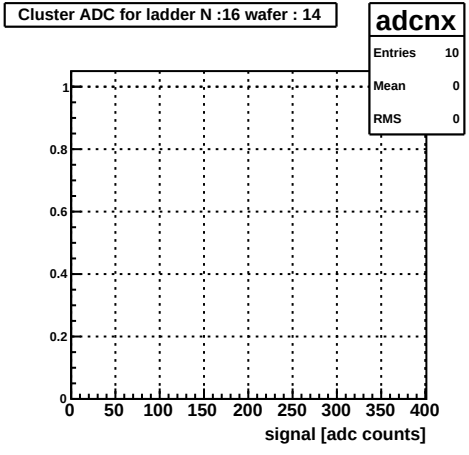

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

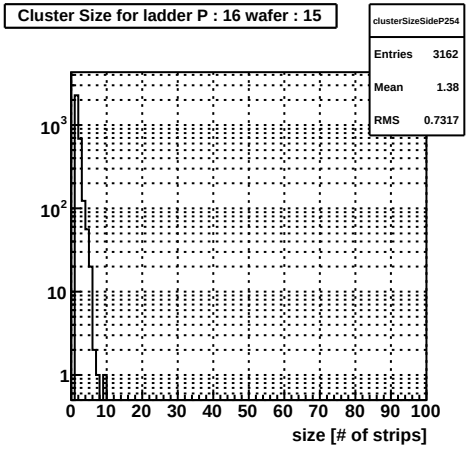

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 6442
Mean 1.408
RMS 0.714
size [# of strips]

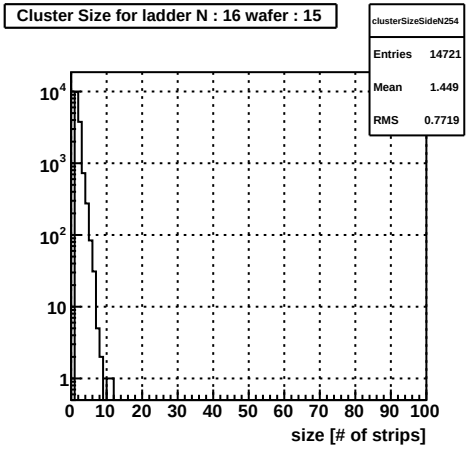

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 10
Mean 1
RMS 0
size [# of strips]

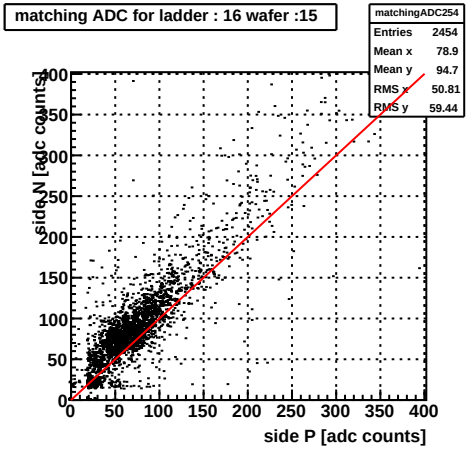

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

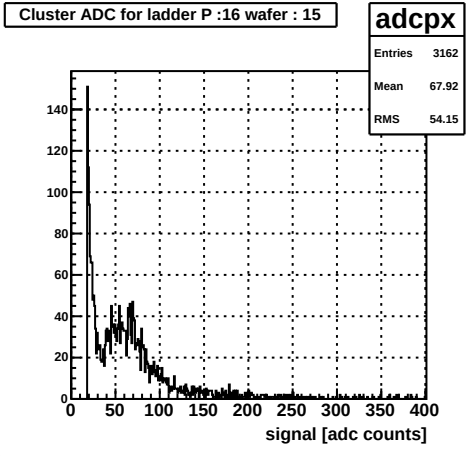

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 6442
Mean 74.22
RMS 55.81
signal [adc counts]

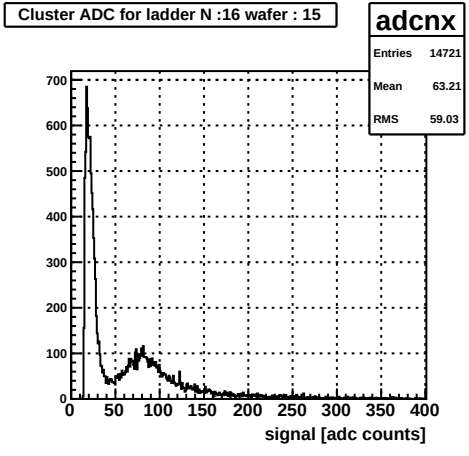

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 10
Mean 0
RMS 0
signal [adc counts]

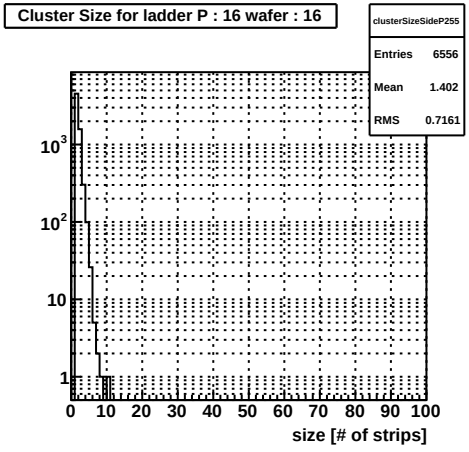

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3162
Mean 1.38
RMS 0.7317
size [# of strips]

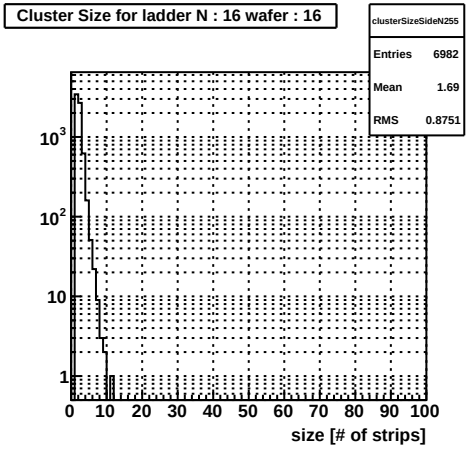

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 14721
Mean 1.449
RMS 0.7719
size [# of strips]

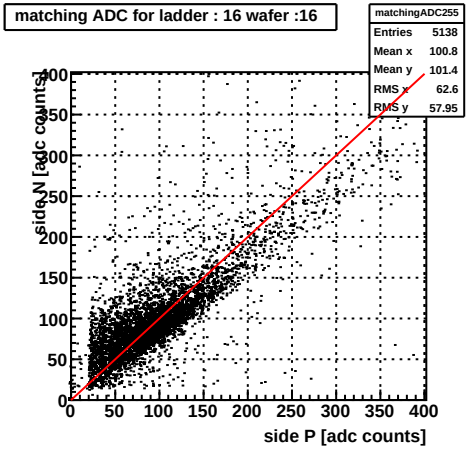

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 2454
Mean x 78.9
Mean y 94.7
RMS x 50.81
RMS y 59.44
side N [adc counts]
side P [adc counts]

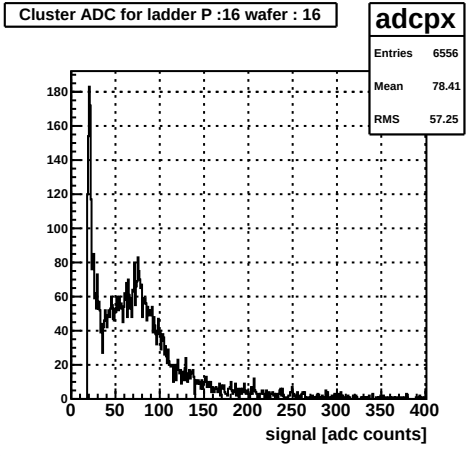

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3162
Mean 67.92
RMS 54.15
signal [adc counts]

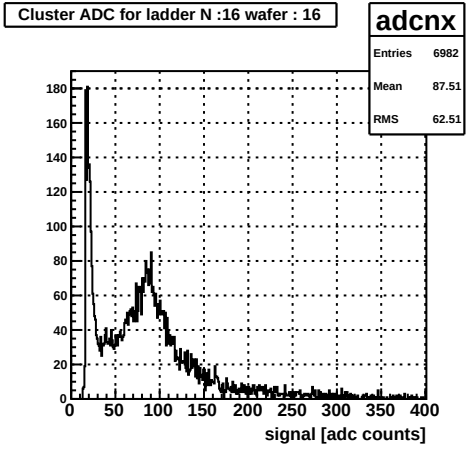

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 14721
Mean 63.21
RMS 59.03
signal [adc counts]

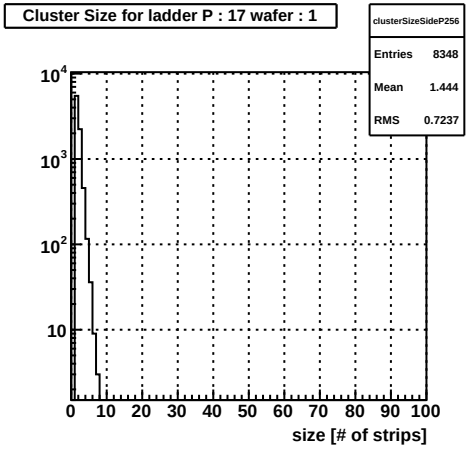

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 6556
Mean 1.402
RMS 0.7161
size [# of strips]

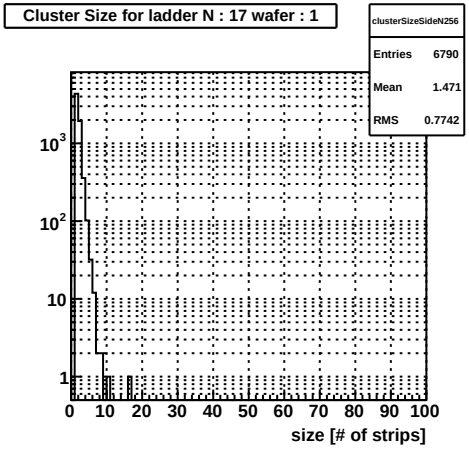

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 6982
Mean 1.69
RMS 0.8751
size [# of strips]

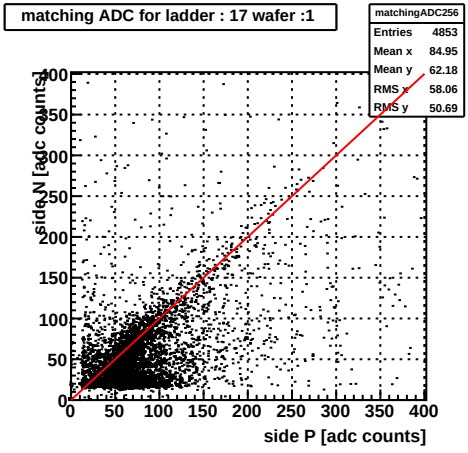

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 5138
Mean x 100.8
Mean y 101.4
RMS x 62.6
RMS y 57.95
side N [adc counts]
side P [adc counts]

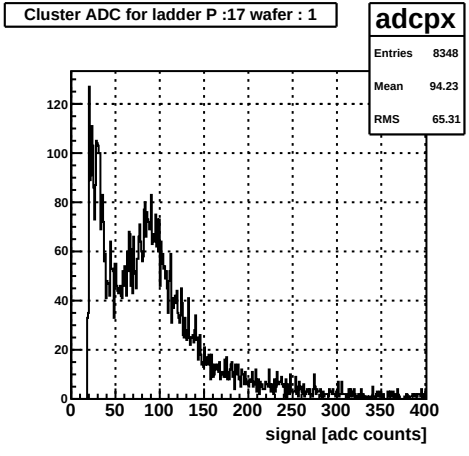

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 6556
Mean 78.41
RMS 57.25
signal [adc counts]

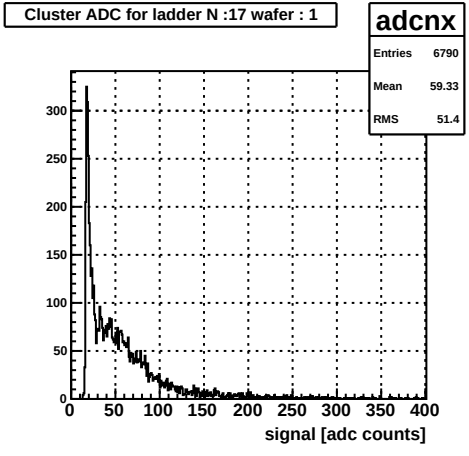

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 6982
Mean 87.51
RMS 62.51
signal [adc counts]

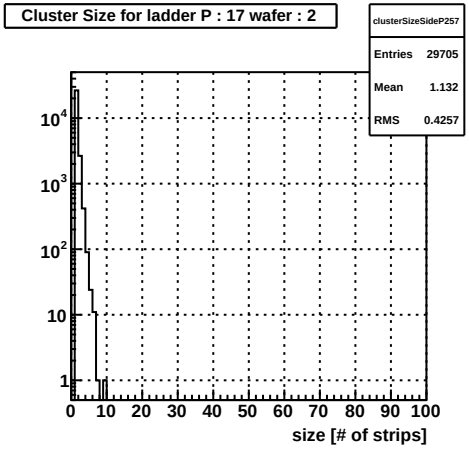

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 8348
Mean 1.444
RMS 0.7237
size [# of strips]

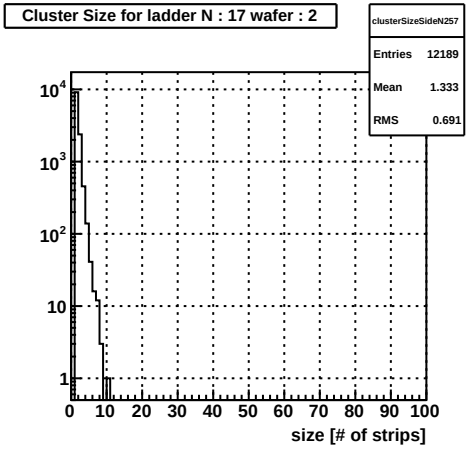

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 6790
Mean 1.471
RMS 0.7742
size [# of strips]

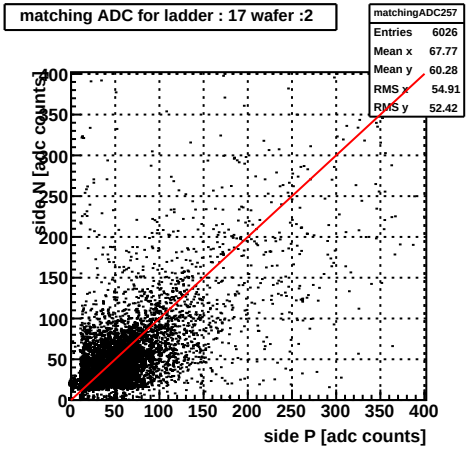

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 4853
Mean x 84.95
Mean y 62.18
RMS x 58.06
RMS y 50.69
side N [adc counts]
side P [adc counts]

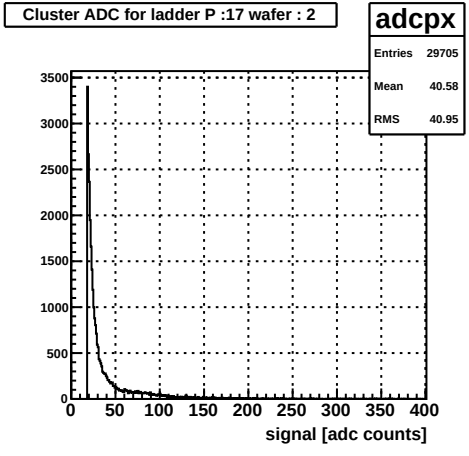

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 8348
Mean 94.23
RMS 65.31
signal [adc counts]

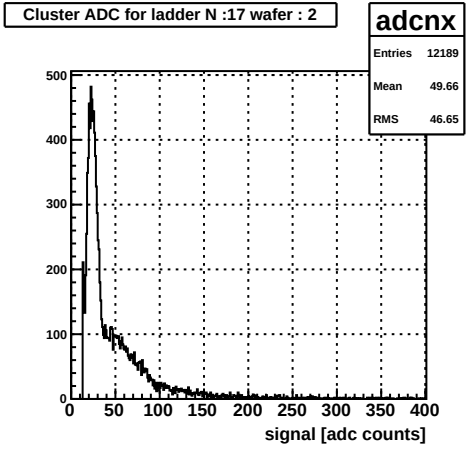

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 6790
Mean 59.33
RMS 51.4
signal [adc counts]

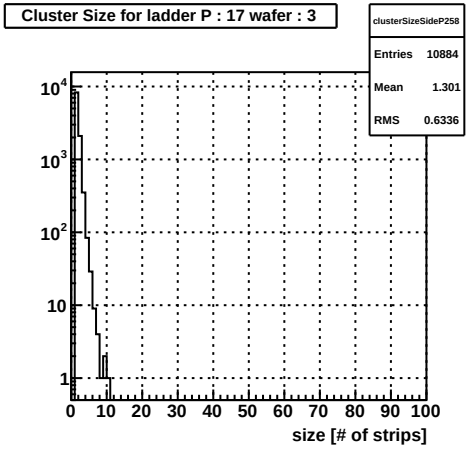

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 29705
Mean 1.132
RMS 0.4257
size [# of strips]

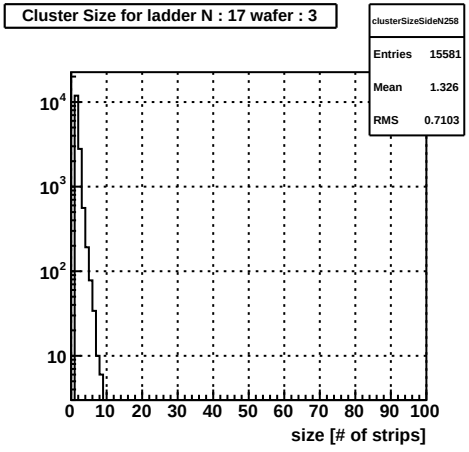

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 12189
Mean 1.333
RMS 0.691
size [# of strips]

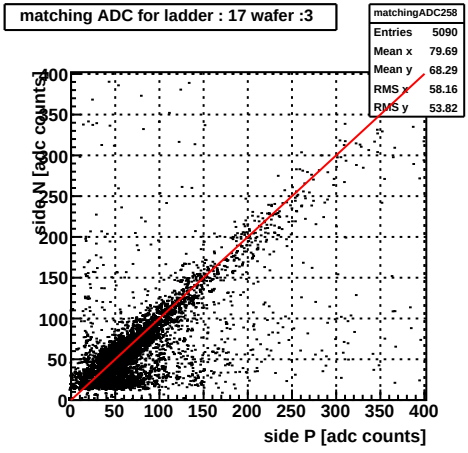

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 6026
Mean x 67.77
Mean y 60.28
RMS x 54.91
RMS y 52.42
side N [adc counts]
side P [adc counts]

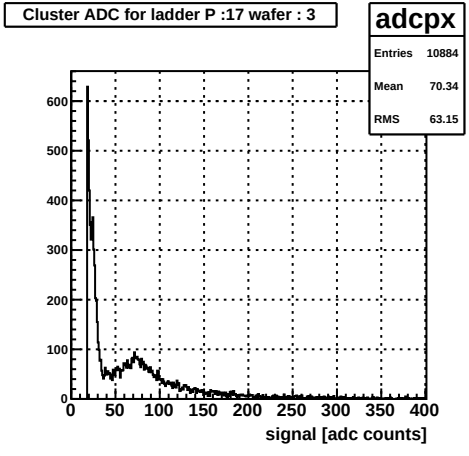

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 29705
Mean 40.58
RMS 40.95
signal [adc counts]

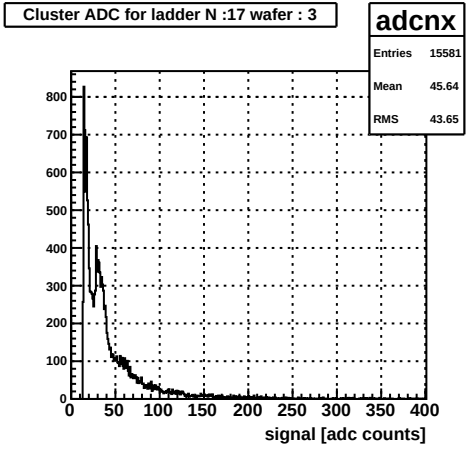

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 12189
Mean 49.66
RMS 46.65
signal [adc counts]

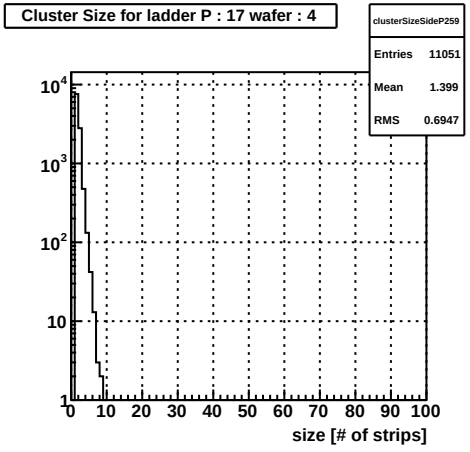

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 10884
Mean 1.301
RMS 0.6336
size [# of strips]

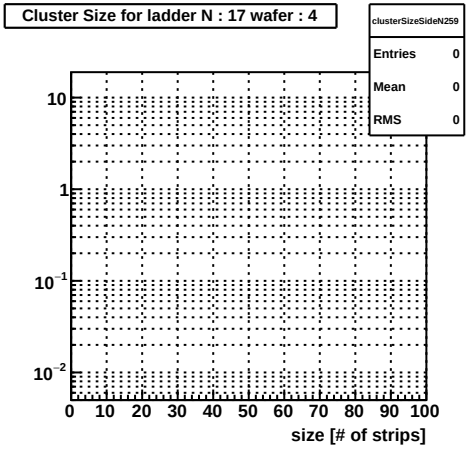

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15581
Mean 1.326
RMS 0.7103
size [# of strips]

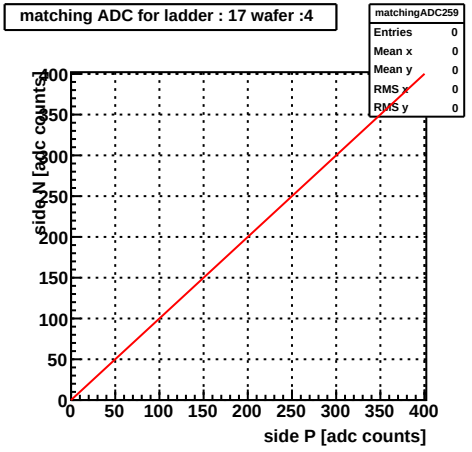

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 5090
Mean x 79.69
Mean y 68.29
RMS x 58.16
RMS y 53.82
side N [adc counts]
side P [adc counts]

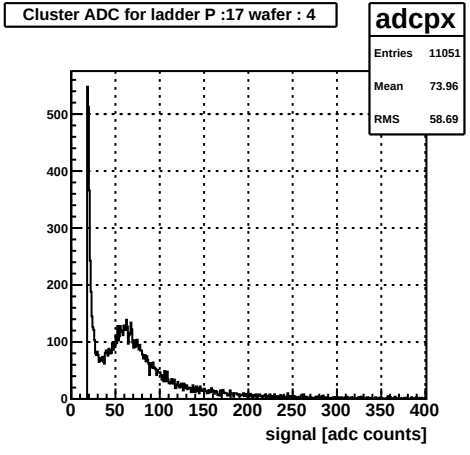

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 10884
Mean 70.34
RMS 63.15
signal [adc counts]

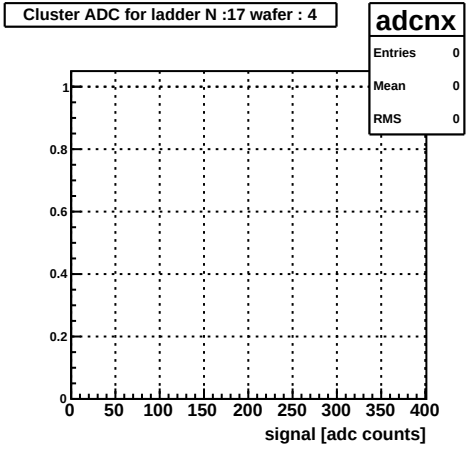

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15581
Mean 45.64
RMS 43.65
signal [adc counts]

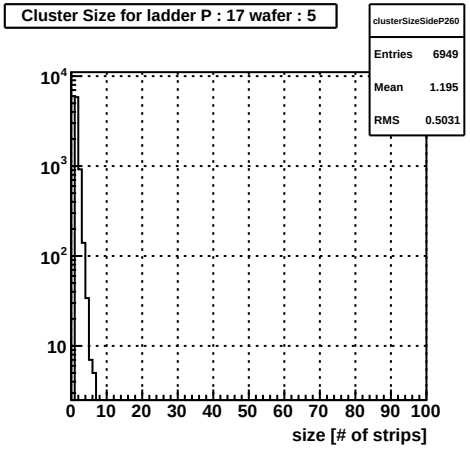

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 11051
Mean 1.399
RMS 0.6947
size [# of strips]

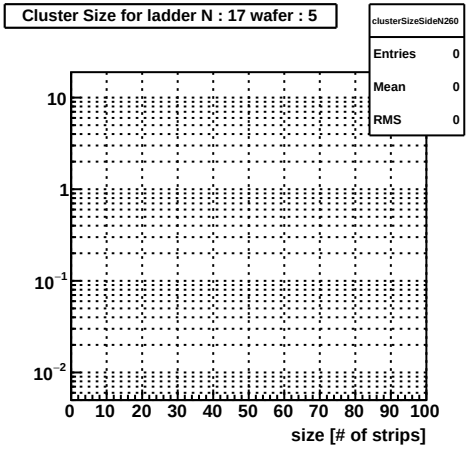

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

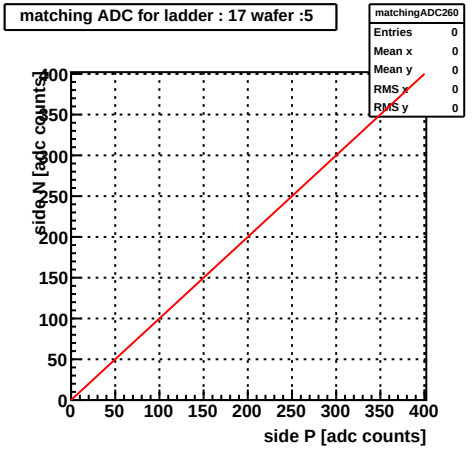

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

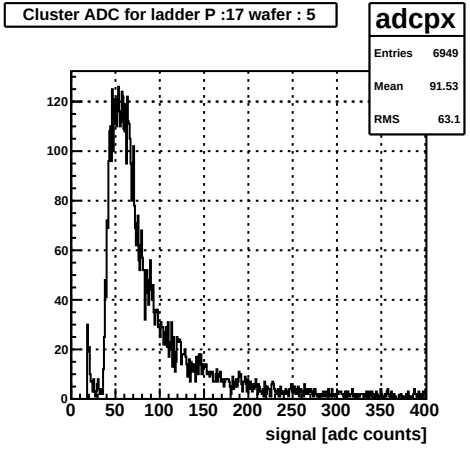

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 11051
Mean 73.96
RMS 58.69
signal [adc counts]

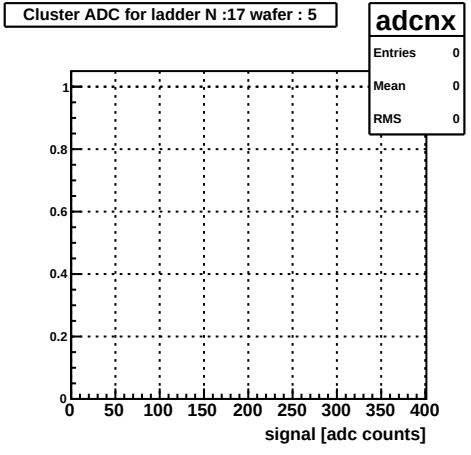

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

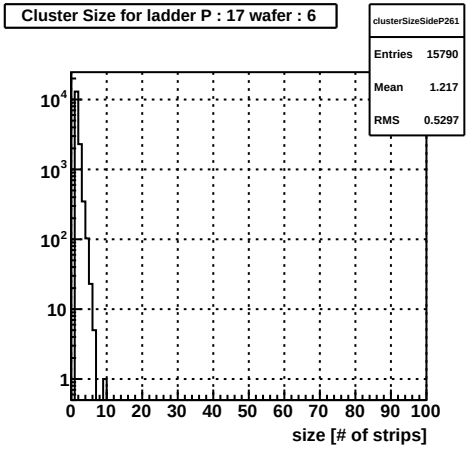

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 6949
Mean 1.195
RMS 0.5031
size [# of strips]

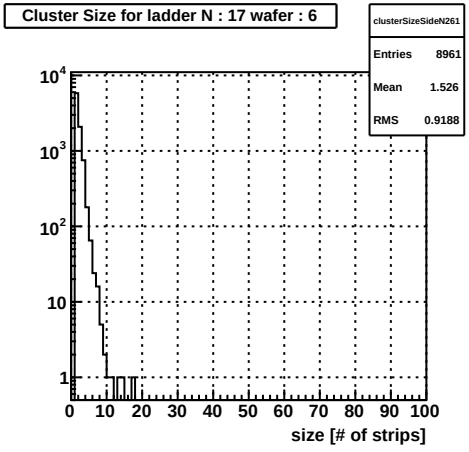

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

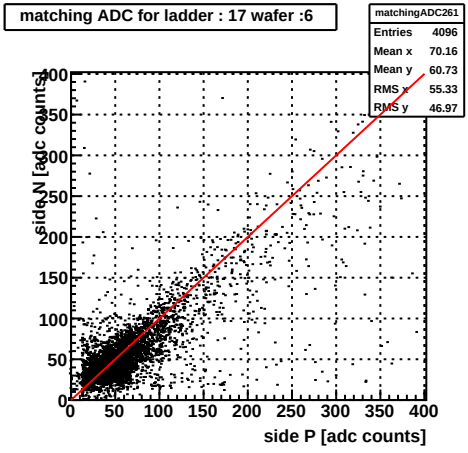

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

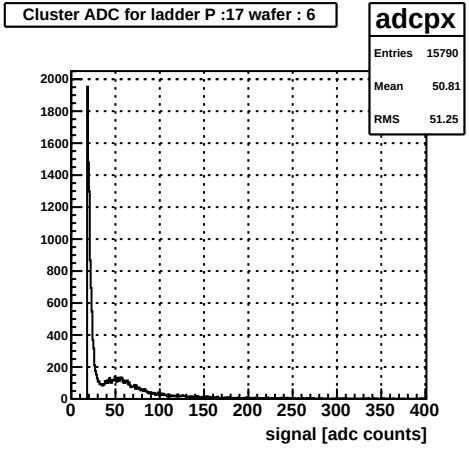

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 6949
Mean 91.53
RMS 63.1
signal [adc counts]

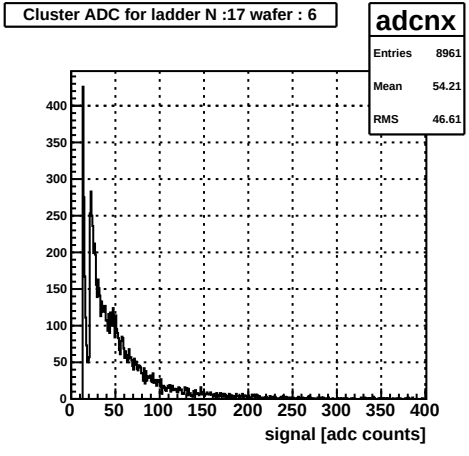

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

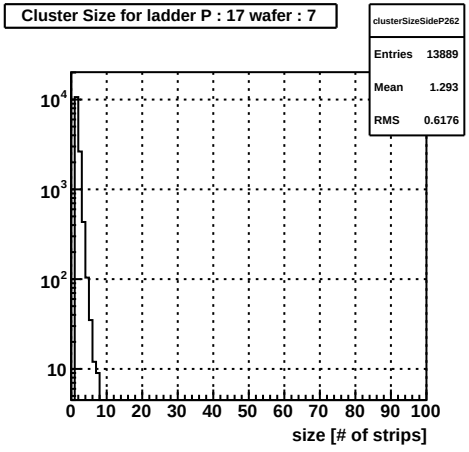

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 15790
Mean 1.217
RMS 0.5297
size [# of strips]

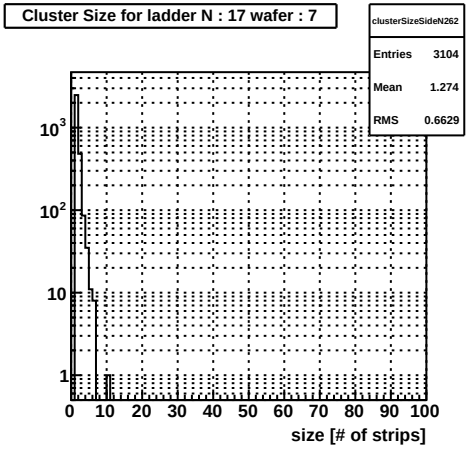

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 8961
Mean 1.526
RMS 0.9188
size [# of strips]

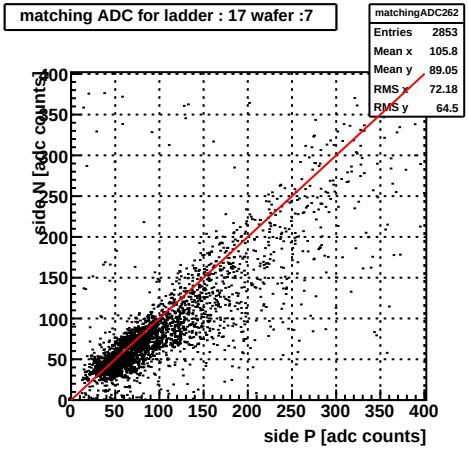

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4096
Mean x 70.16
Mean y 60.73
RMS x 55.33
RMS y 46.97
side N [adc counts]
side P [adc counts]

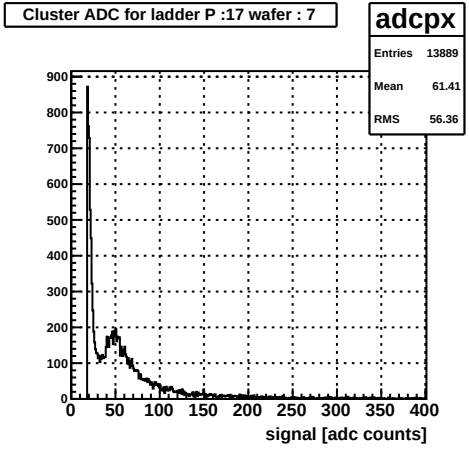

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 15790
Mean 50.81
RMS 51.25
signal [adc counts]

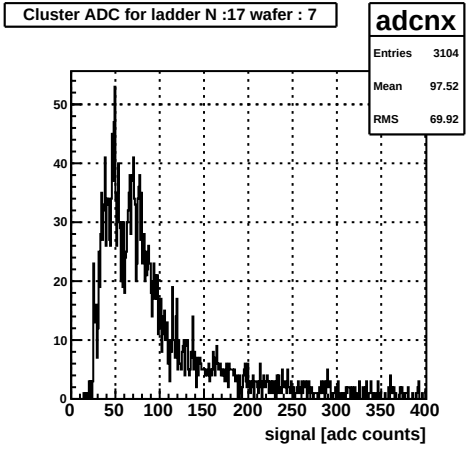

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 8961
Mean 54.21
RMS 46.61
signal [adc counts]

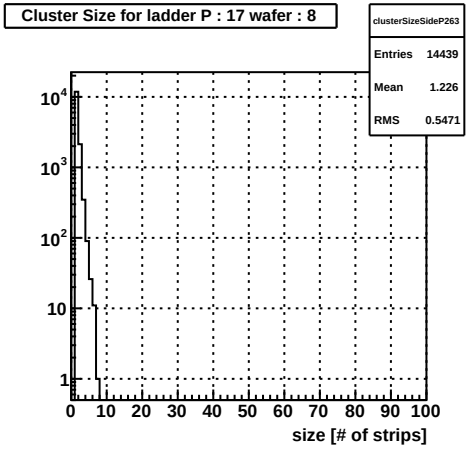

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 13889
Mean 1.293
RMS 0.6176
size [# of strips]

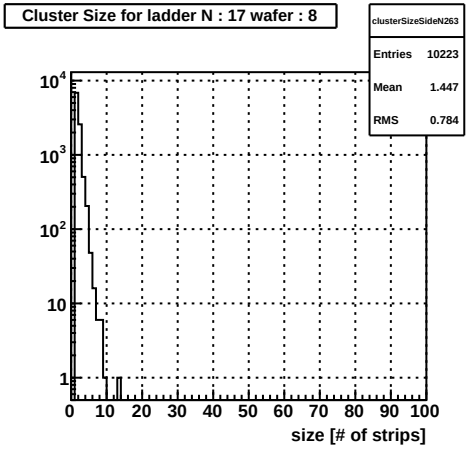

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 3104
Mean 1.274
RMS 0.6629
size [# of strips]

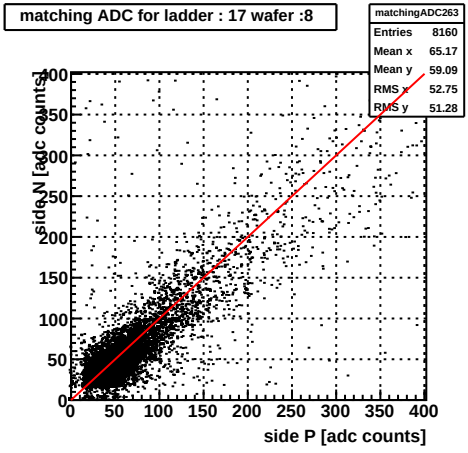

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 2853
Mean x 105.8
Mean y 89.05
RMS x 72.18
RMS y 64.5
side N [adc counts]
side P [adc counts]

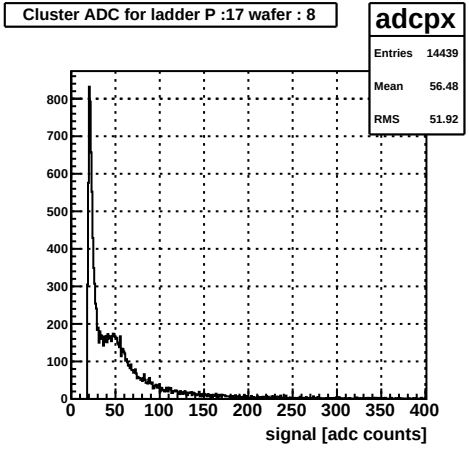

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 13889
Mean 61.41
RMS 56.36
signal [adc counts]

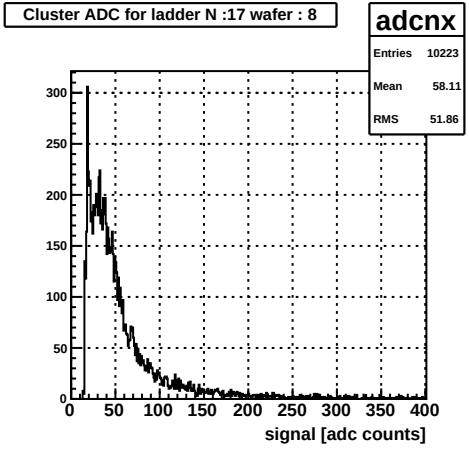

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 3104
Mean 97.52
RMS 69.92
signal [adc counts]

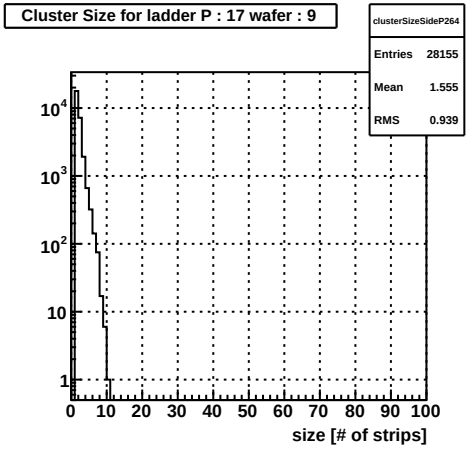

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 14439
Mean 1.226
RMS 0.5471
size [# of strips]

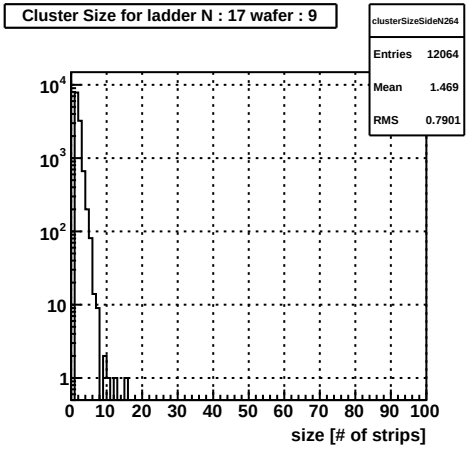

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 10223
Mean 1.447
RMS 0.784
size [# of strips]

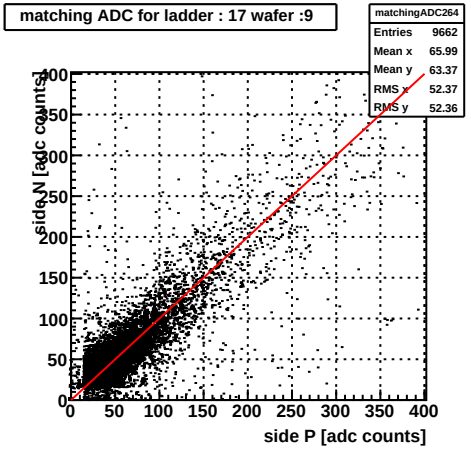

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 8160
Mean x 65.17
Mean y 59.09
RMS x 52.75
RMS y 51.28
side N [adc counts]
side P [adc counts]

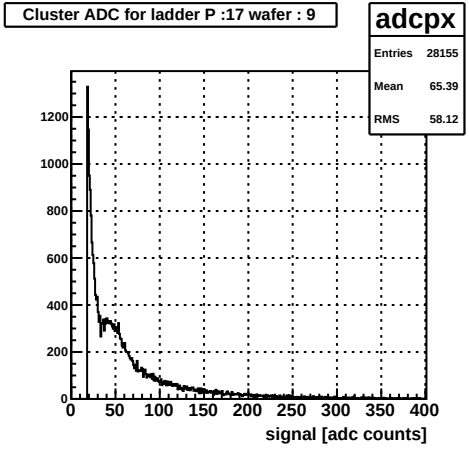

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 14439
Mean 56.48
RMS 51.92
signal [adc counts]

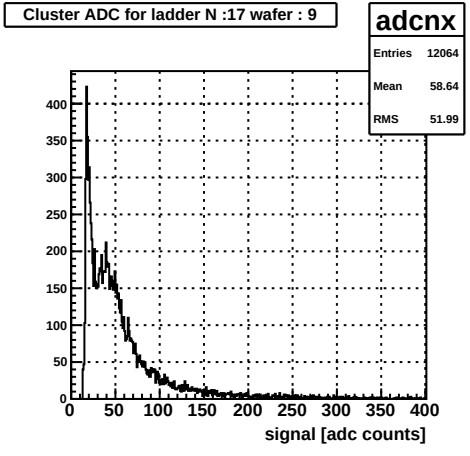

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 10223
Mean 58.11
RMS 51.86
signal [adc counts]

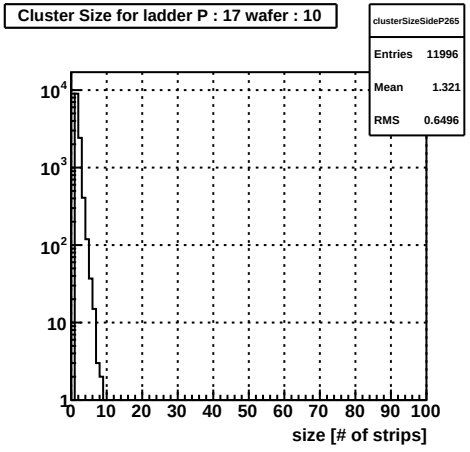

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 28155
Mean 1.555
RMS 0.939
size [# of strips]

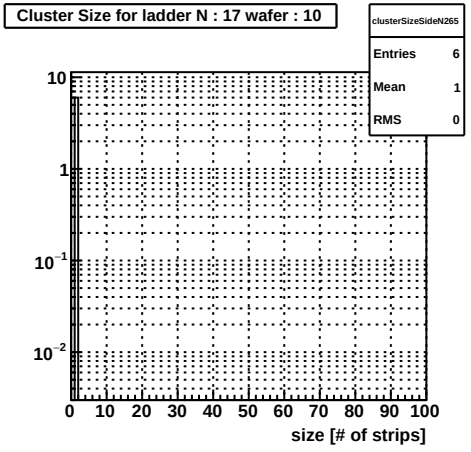

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 12064
Mean 1.469
RMS 0.7901
size [# of strips]

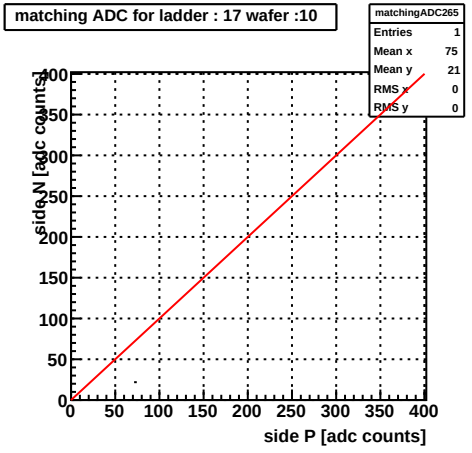

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 9662
Mean x 65.99
Mean y 63.37
RMS x 52.37
RMS y 52.36
side N [adc counts]
side P [adc counts]

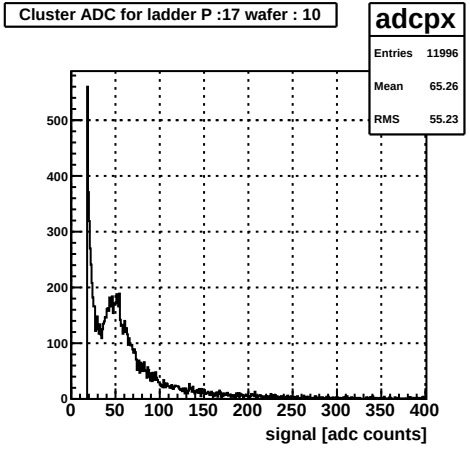

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 28155
Mean 65.39
RMS 58.12
signal [adc counts]

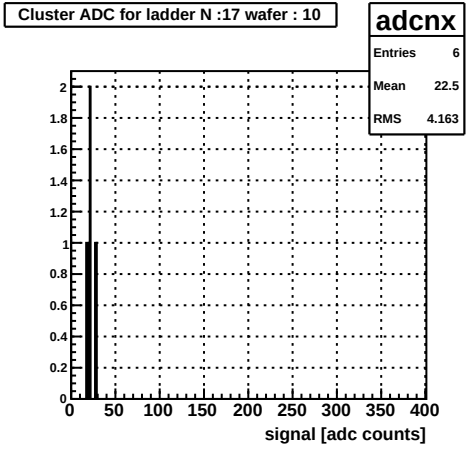

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 12064
Mean 58.64
RMS 51.99
signal [adc counts]

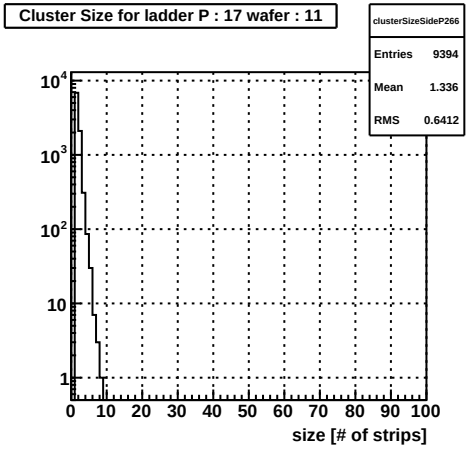

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 11996
Mean 1.321
RMS 0.6496
size [# of strips]

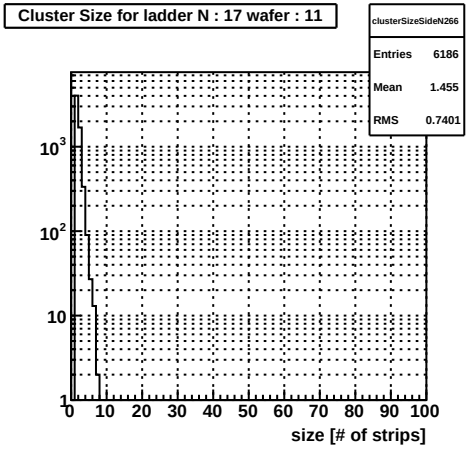

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 6
Mean 1
RMS 0
size [# of strips]

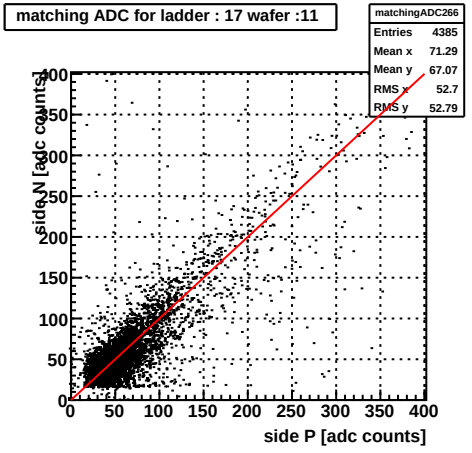

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 75
Mean y 21
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

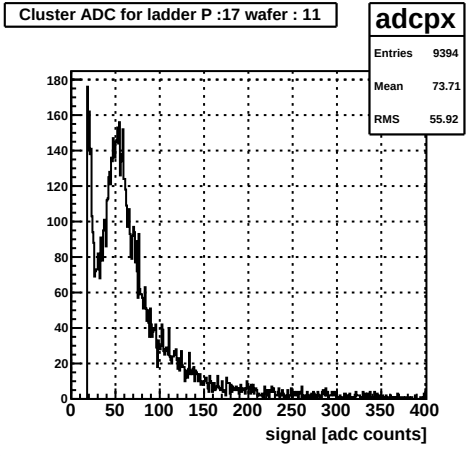

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 11996
Mean 65.26
RMS 55.23
signal [adc counts]

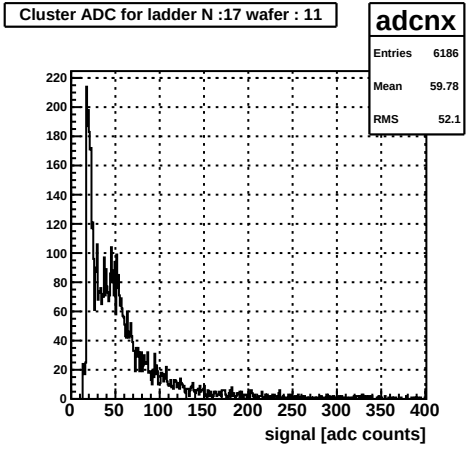

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 6
Mean 22.5
RMS 4.163
signal [adc counts]

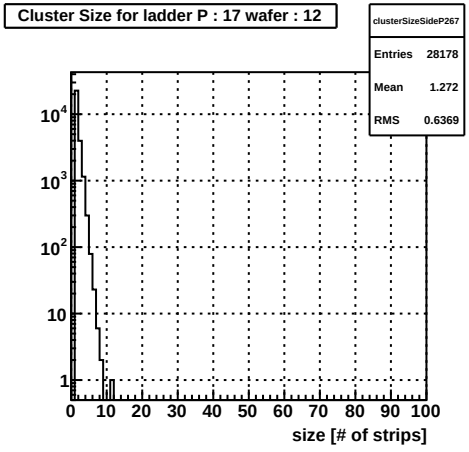

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 9394
Mean 1.336
RMS 0.6412
size [# of strips]

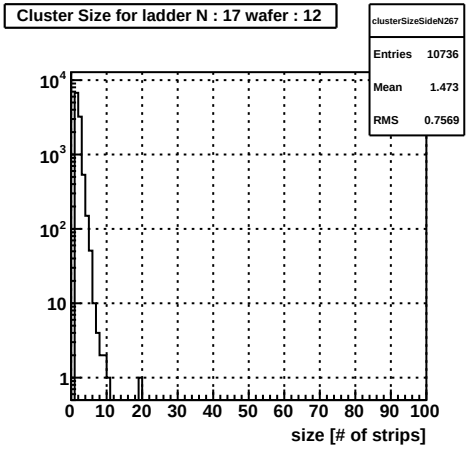

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 6186
Mean 1.455
RMS 0.7401
size [# of strips]

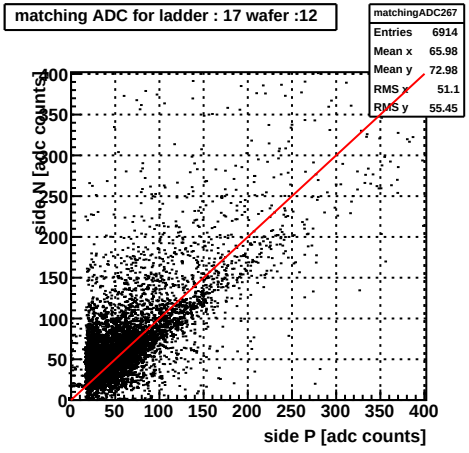

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 4385
Mean x 71.29
Mean y 67.07
RMS x 52.7
RMS y 52.79
side N [adc counts]
side P [adc counts]

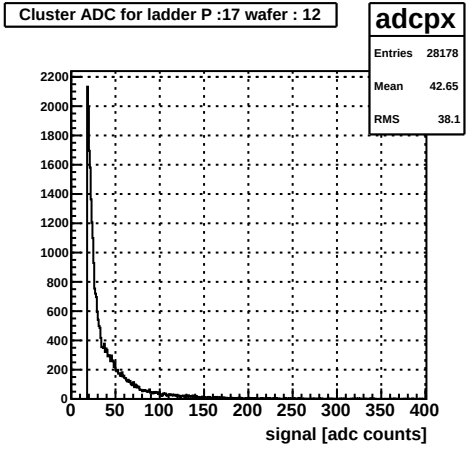

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 9394
Mean 73.71
RMS 55.92
signal [adc counts]

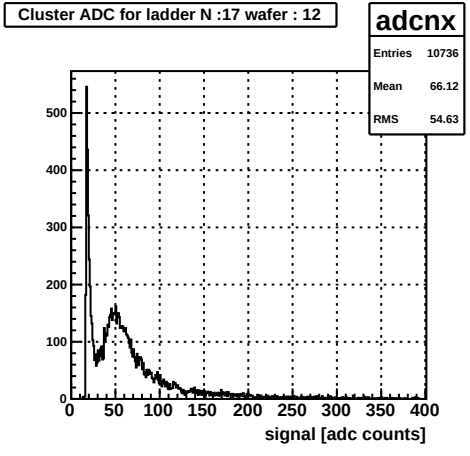

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 6186
Mean 59.78
RMS 52.1
signal [adc counts]

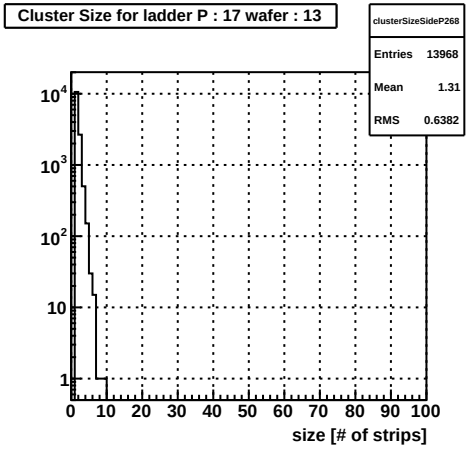

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 28178
Mean 1.272
RMS 0.6369
size [# of strips]

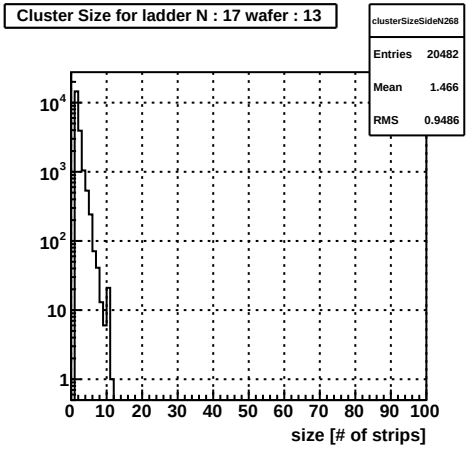

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 10736
Mean 1.473
RMS 0.7569
size [# of strips]

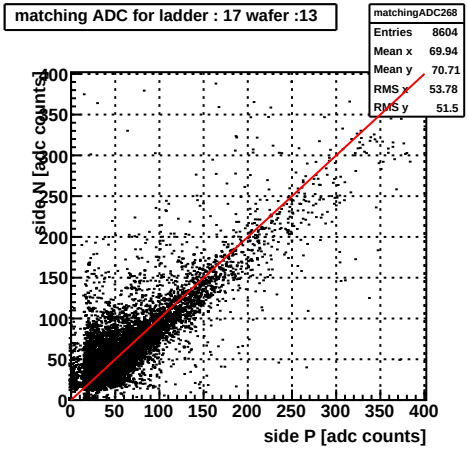

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 6914
Mean x 65.98
Mean y 72.98
RMS x 51.1
RMS y 55.45
side N [adc counts]
side P [adc counts]

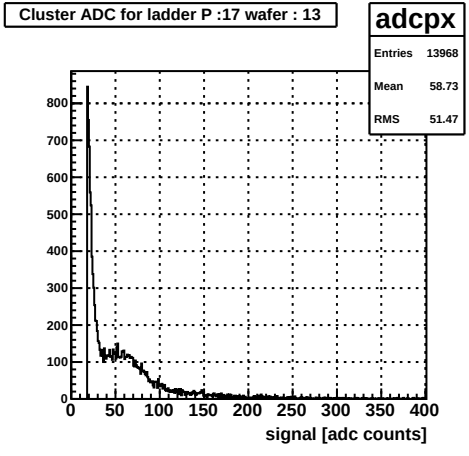

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 28178
Mean 42.65
RMS 38.1
signal [adc counts]

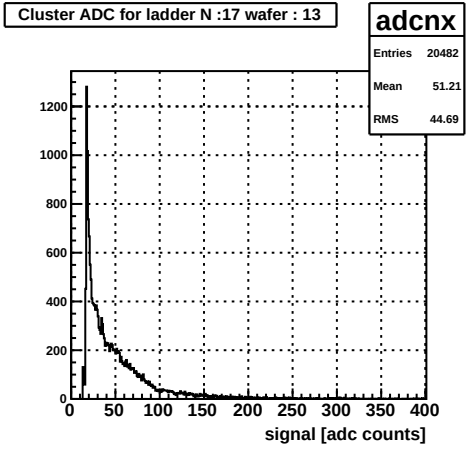

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 10736
Mean 66.12
RMS 54.63
signal [adc counts]

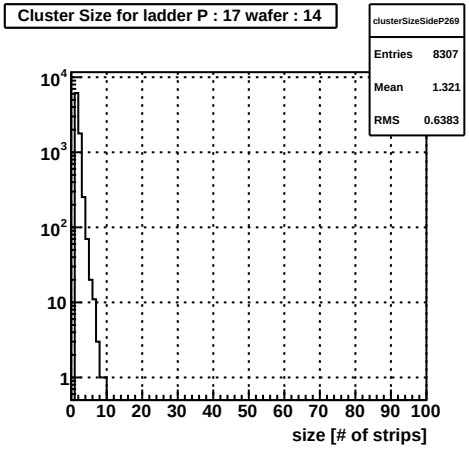

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 13968
Mean 1.31
RMS 0.6382
size [# of strips]

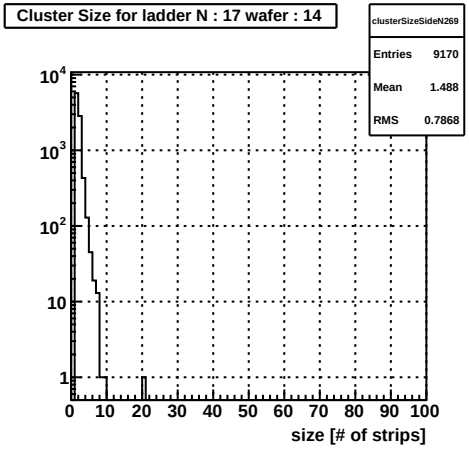

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 20482
Mean 1.466
RMS 0.9486
size [# of strips]

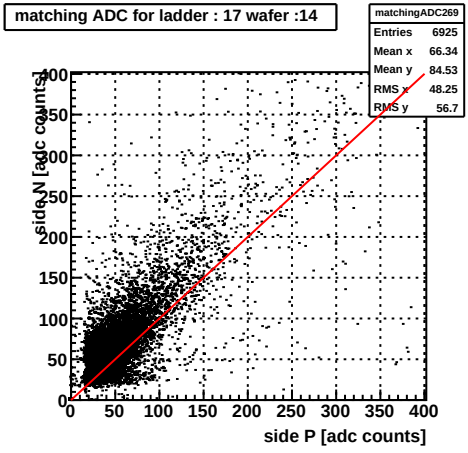

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 8604
Mean x 69.94
Mean y 70.71
RMS x 53.78
RMS y 51.5
side N [adc counts]
side P [adc counts]

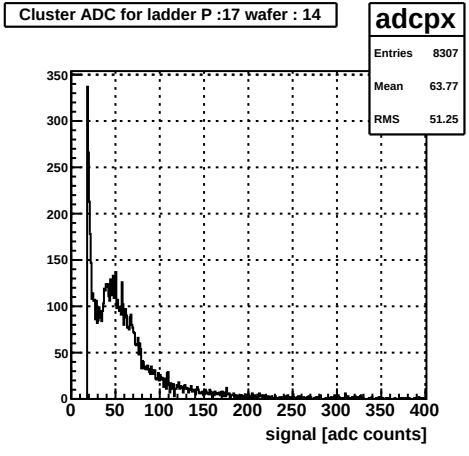

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 13968
Mean 58.73
RMS 51.47
signal [adc counts]

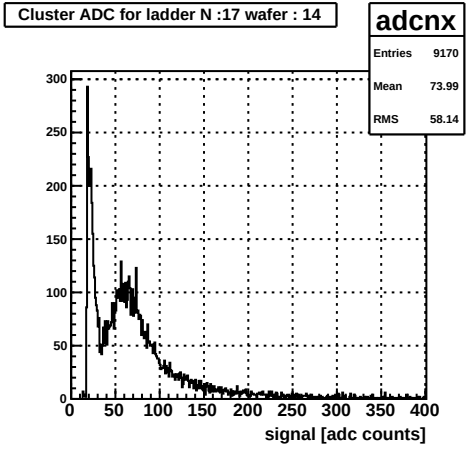

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 20482
Mean 51.21
RMS 44.69
signal [adc counts]

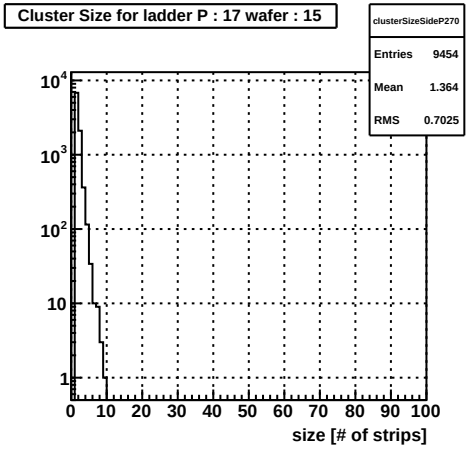

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 8307
Mean 1.321
RMS 0.6383
size [# of strips]

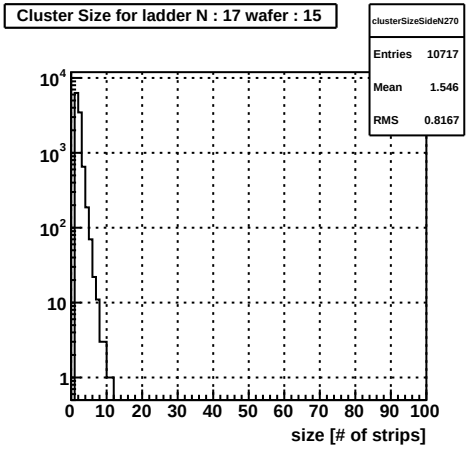

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 9170
Mean 1.488
RMS 0.7868
size [# of strips]

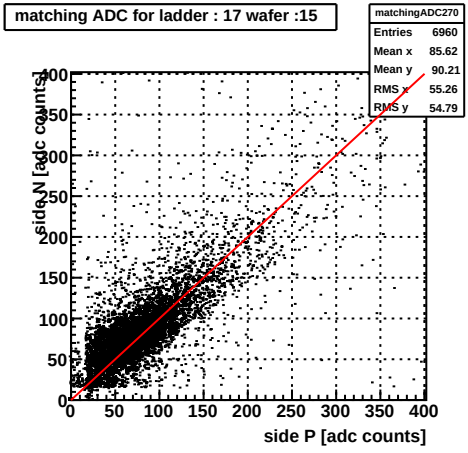

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 6925
Mean x 66.34
Mean y 84.53
RMS x 48.25
RMS y 56.7
side N [adc counts]
side P [adc counts]

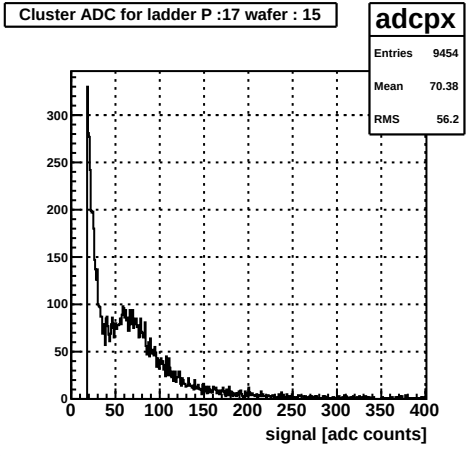

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 8307
Mean 63.77
RMS 51.25
signal [adc counts]

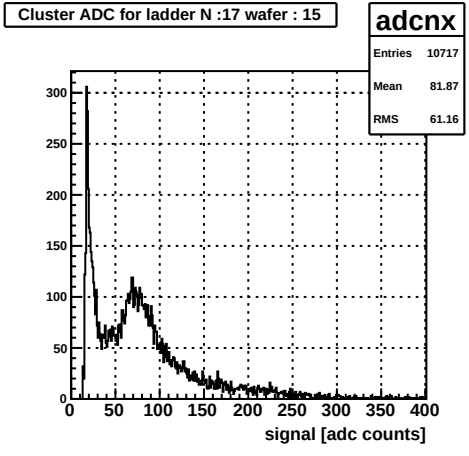

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 9170
Mean 73.99
RMS 58.14
signal [adc counts]

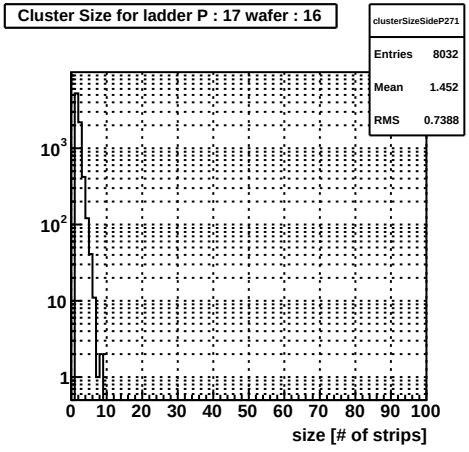

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 9454
Mean 1.364
RMS 0.7025
size [# of strips]

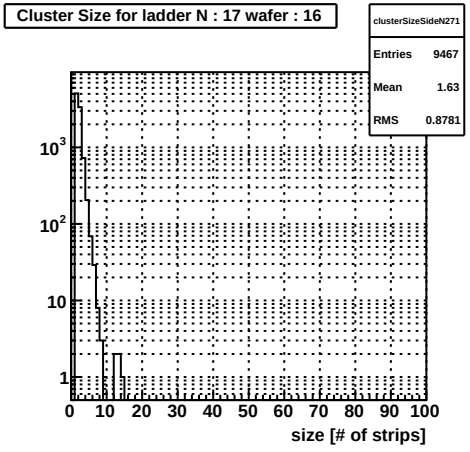

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 10717
Mean 1.546
RMS 0.8167
size [# of strips]

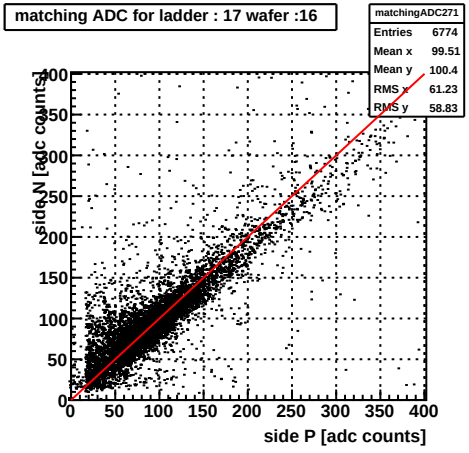

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 6960
Mean x 85.62
Mean y 90.21
RMS x 55.26
RMS y 54.79
side N [adc counts]
side P [adc counts]

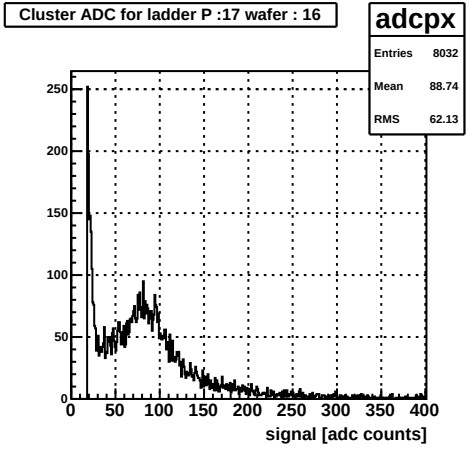

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 9454
Mean 70.38
RMS 56.2
signal [adc counts]

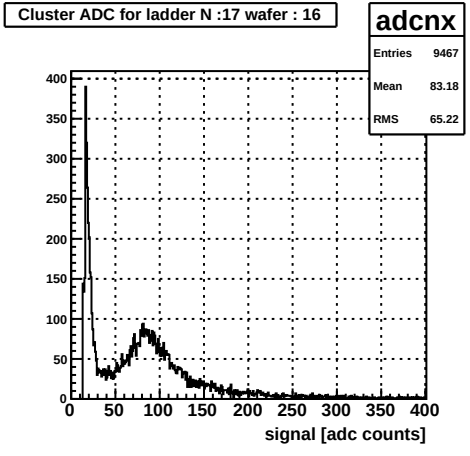

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 10717
Mean 81.87
RMS 61.16
signal [adc counts]

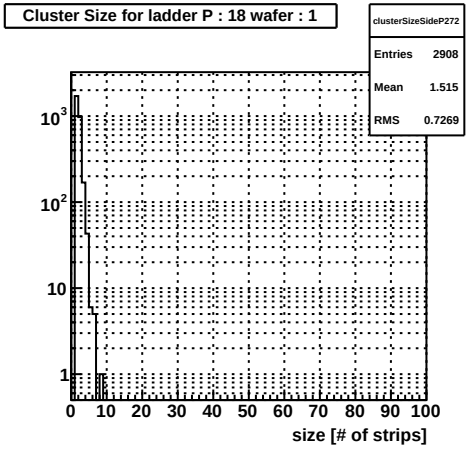

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 8032
Mean 1.452
RMS 0.7388
size [# of strips]

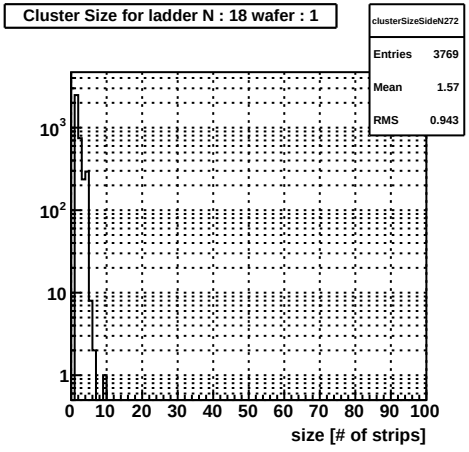

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 9467
Mean 1.63
RMS 0.8781
size [# of strips]

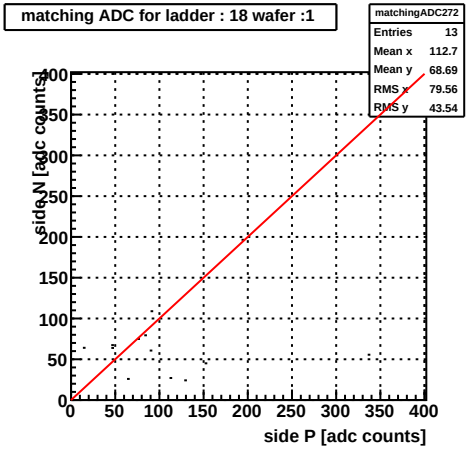

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 6774
Mean x 99.51
Mean y 100.4
RMS x 61.23
RMS y 58.83
side N [adc counts]
side P [adc counts]

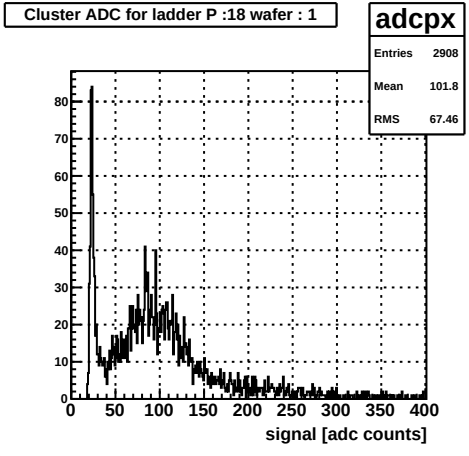

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 8032
Mean 88.74
RMS 62.13
signal [adc counts]

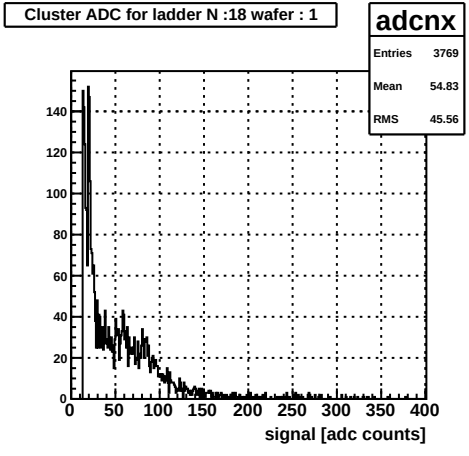

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 9467
Mean 83.18
RMS 65.22
signal [adc counts]

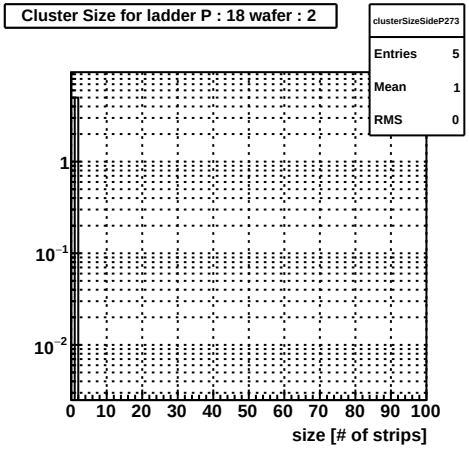

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2908
Mean 1.515
RMS 0.7269
size [# of strips]

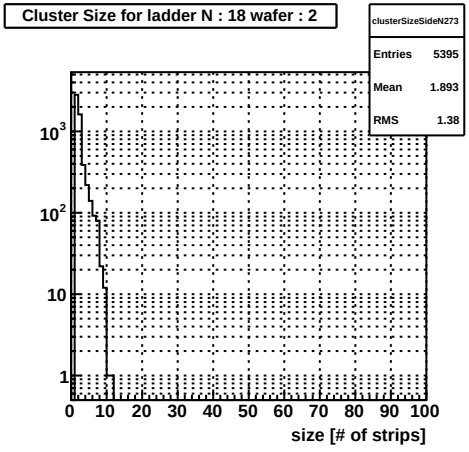

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3769
Mean 1.57
RMS 0.943
size [# of strips]

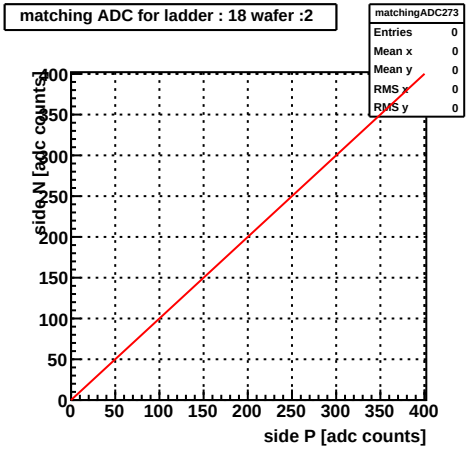

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 13
Mean x 112.7
Mean y 68.69
RMS x 79.56
RMS y 43.54
side N [adc counts]
side P [adc counts]

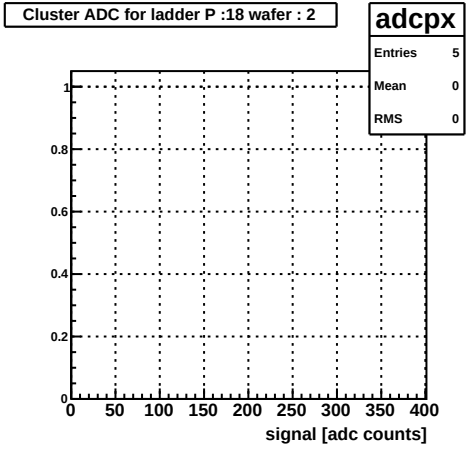

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2908
Mean 101.8
RMS 67.46
signal [adc counts]

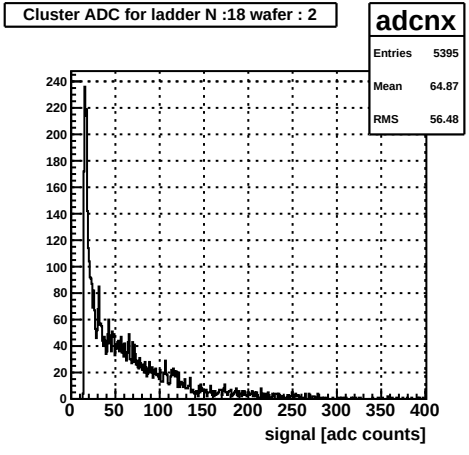

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3769
Mean 54.83
RMS 45.56
signal [adc counts]

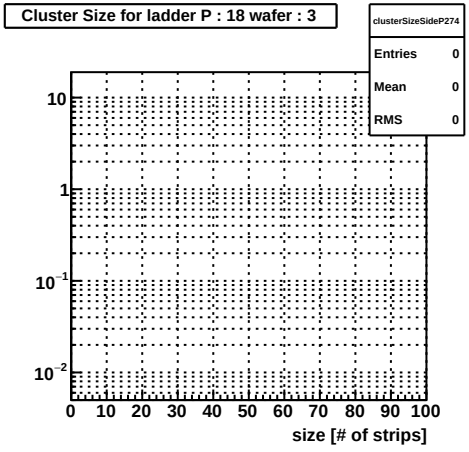

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 5
Mean 1
RMS 0
size [# of strips]

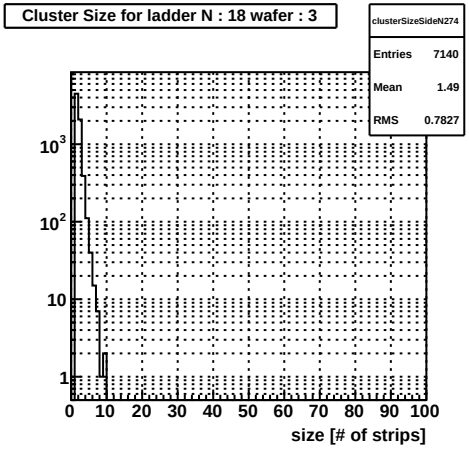

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 5395
Mean 1.893
RMS 1.38
size [# of strips]

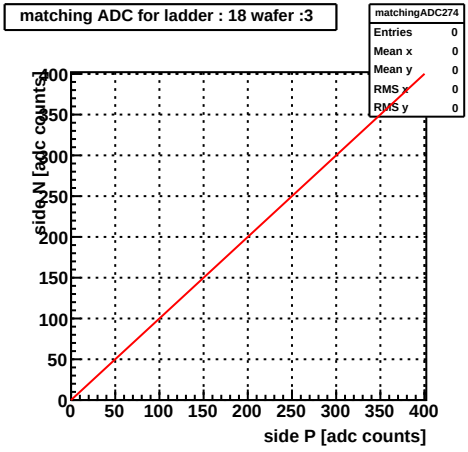

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

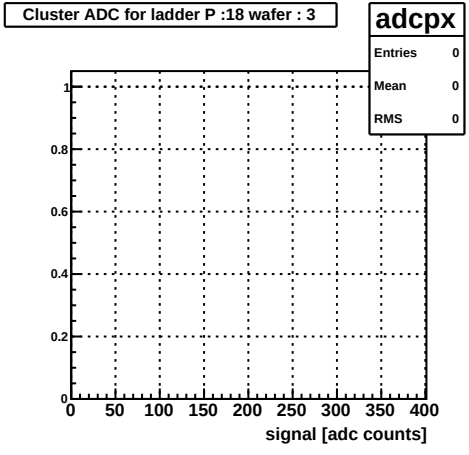

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

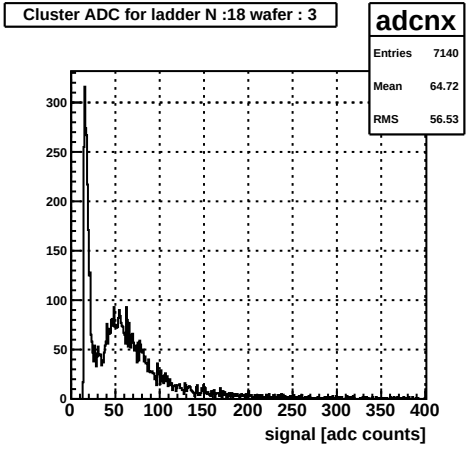

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 5395
Mean 64.87
RMS 56.48
signal [adc counts]

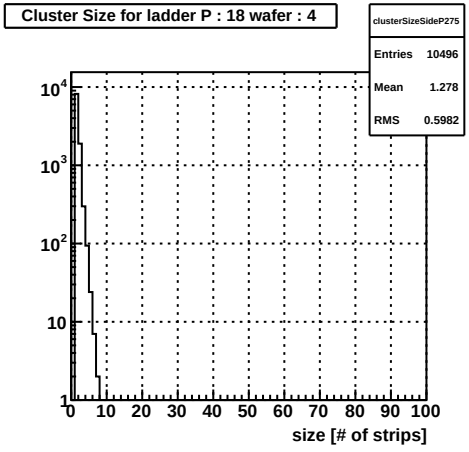

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

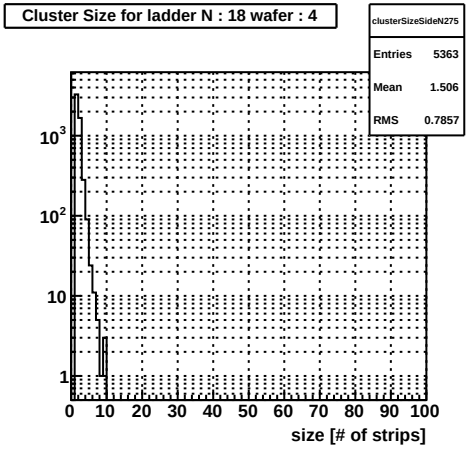

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 7140
Mean 1.49
RMS 0.7827
size [# of strips]

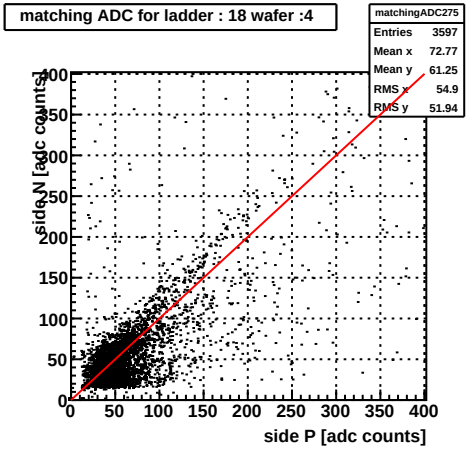

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

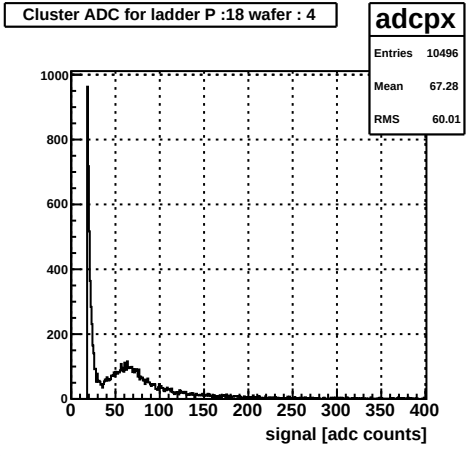

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

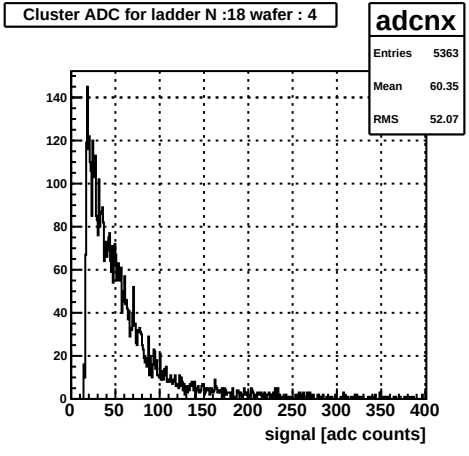

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 7140
Mean 64.72
RMS 56.53
signal [adc counts]

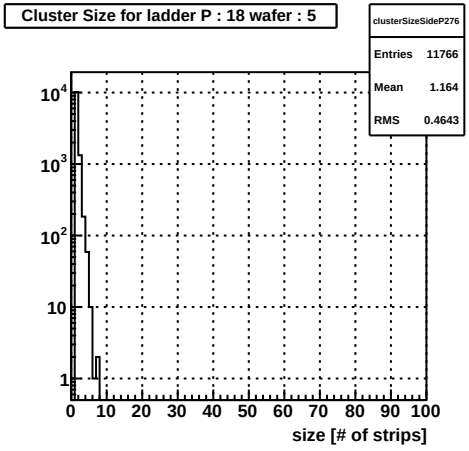

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 10496
Mean 1.278
RMS 0.5982
size [# of strips]

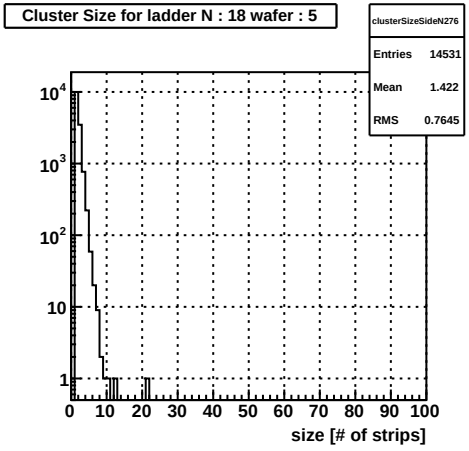

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 5363
Mean 1.506
RMS 0.7857
size [# of strips]

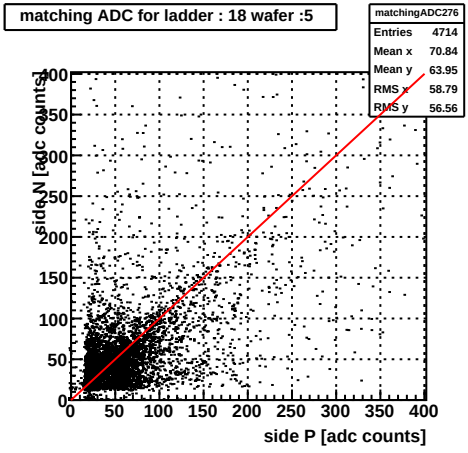

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 3597
Mean x 72.77
Mean y 61.25
RMS x 54.9
RMS y 51.94
side N [adc counts]
side P [adc counts]

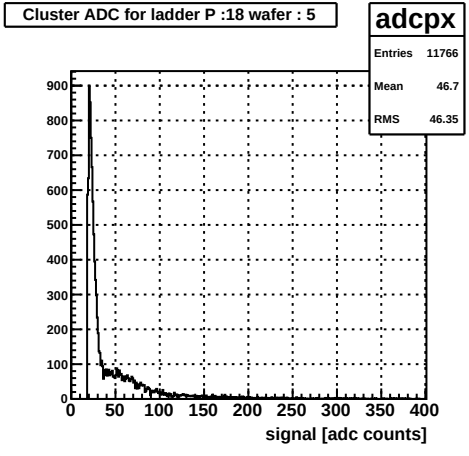

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 10496
Mean 67.28
RMS 60.01
signal [adc counts]

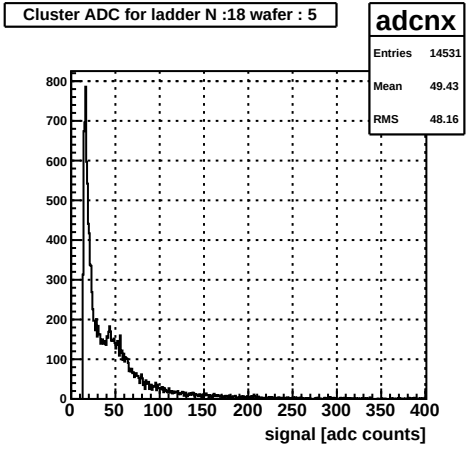

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 5363
Mean 60.35
RMS 52.07
signal [adc counts]

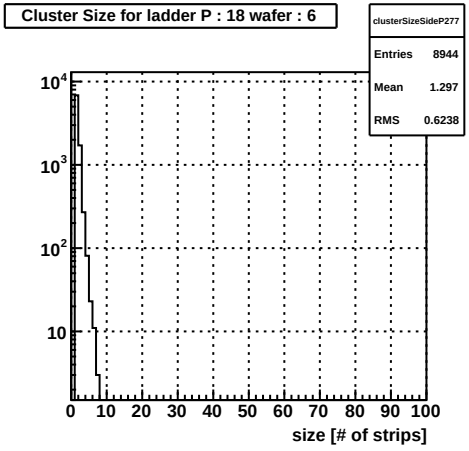

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 11766
Mean 1.164
RMS 0.4643
size [# of strips]

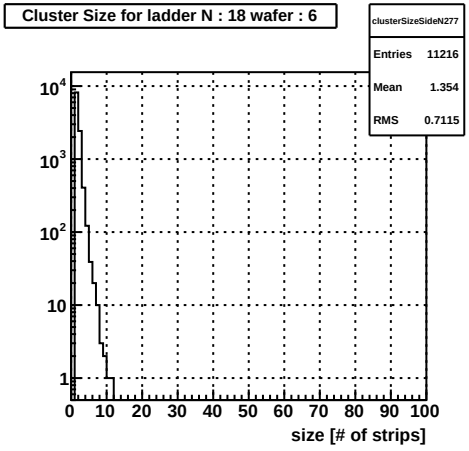

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 14531
Mean 1.422
RMS 0.7645
size [# of strips]

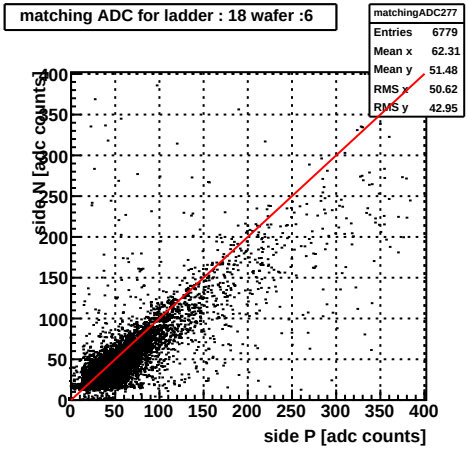

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 4714
Mean x 70.84
Mean y 63.95
RMS x 58.79
RMS y 56.56
side N [adc counts]
side P [adc counts]

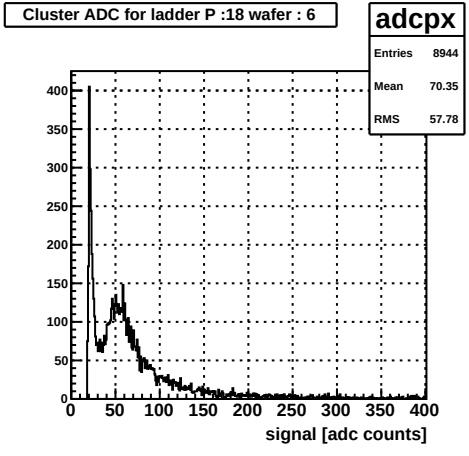

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 11766
Mean 46.7
RMS 46.35
signal [adc counts]

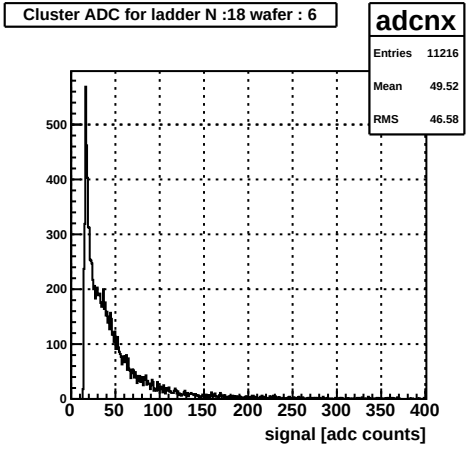

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 14531
Mean 49.43
RMS 48.16
signal [adc counts]

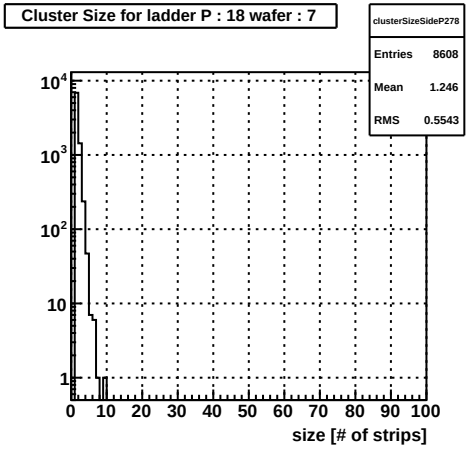

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 8944
Mean 1.297
RMS 0.6238
size [# of strips]

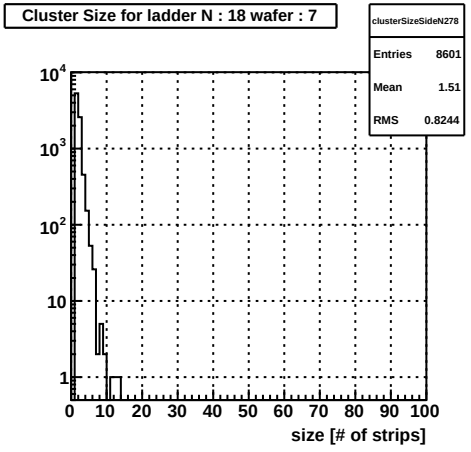

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 11216
Mean 1.354
RMS 0.7115
size [# of strips]

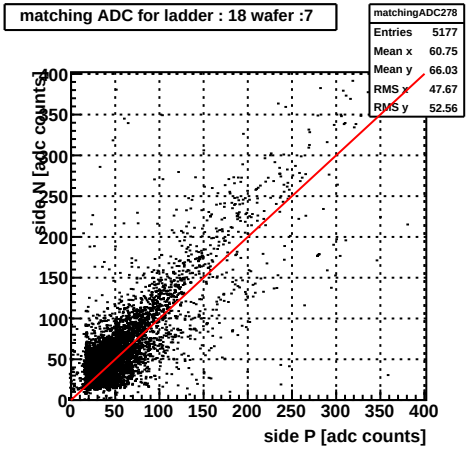

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 6779
Mean x 62.31
Mean y 51.48
RMS x 50.62
RMS y 42.95
side N [adc counts]
side P [adc counts]

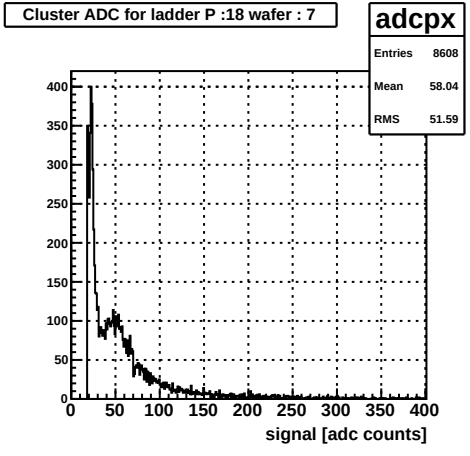

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 8944
Mean 70.35
RMS 57.78
signal [adc counts]

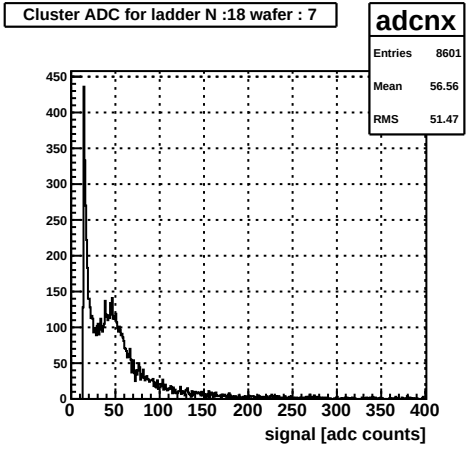

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 11216
Mean 49.52
RMS 46.58
signal [adc counts]

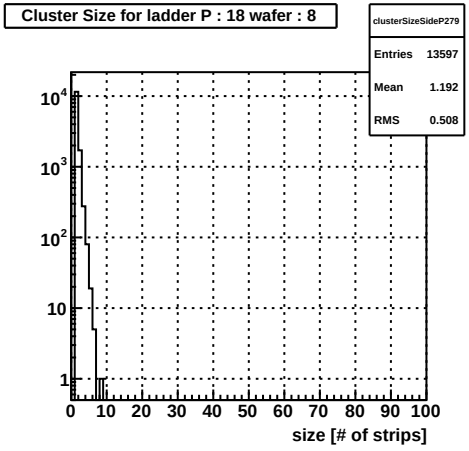

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 8608
Mean 1.246
RMS 0.5543
size [# of strips]

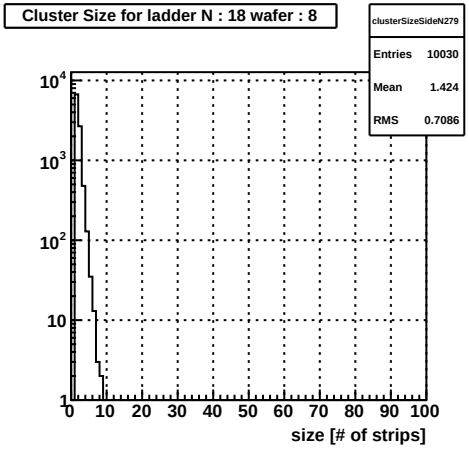

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 8601
Mean 1.51
RMS 0.8244
size [# of strips]

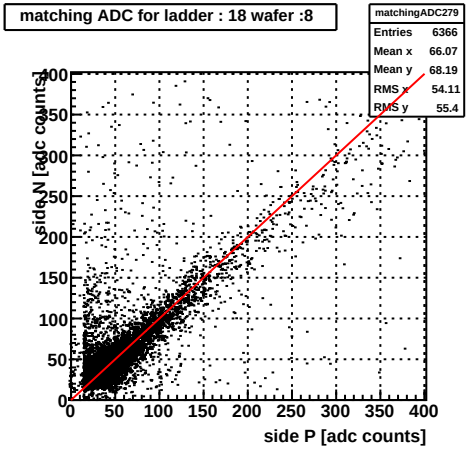

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 5177
Mean x 60.75
Mean y 66.03
RMS x 47.67
RMS y 52.56
side N [adc counts]
side P [adc counts]

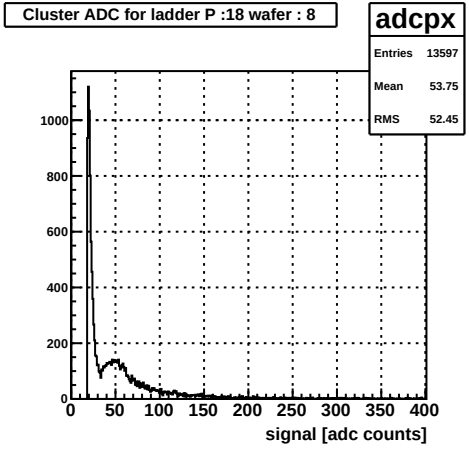

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 8608
Mean 58.04
RMS 51.59
signal [adc counts]

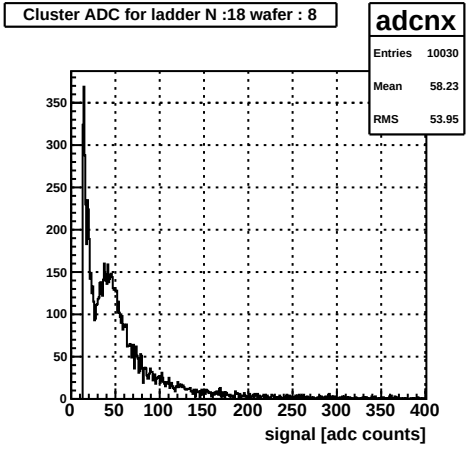

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 8601
Mean 56.56
RMS 51.47
signal [adc counts]

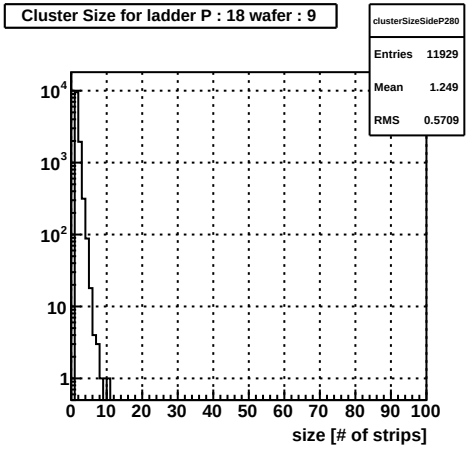

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 13597
Mean 1.192
RMS 0.508
size [# of strips]

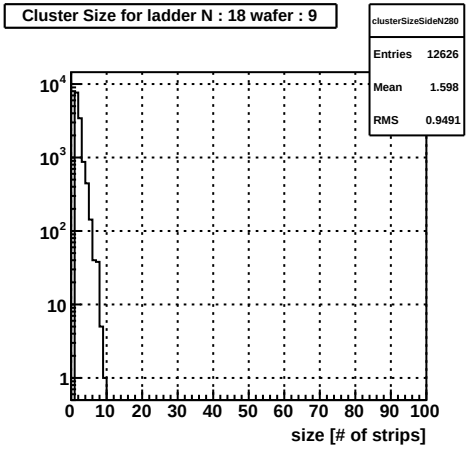

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 10030
Mean 1.424
RMS 0.7086
size [# of strips]

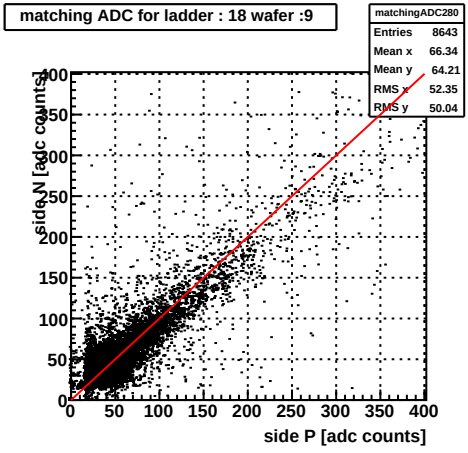

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 6366
Mean x 66.07
Mean y 68.19
RMS x 54.11
RMS y 55.4
side N [adc counts]
side P [adc counts]

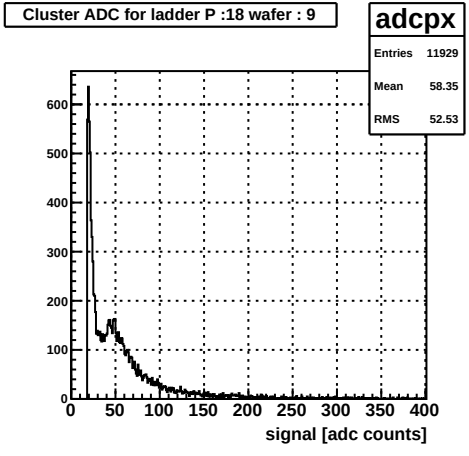

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 13597
Mean 53.75
RMS 52.45
signal [adc counts]

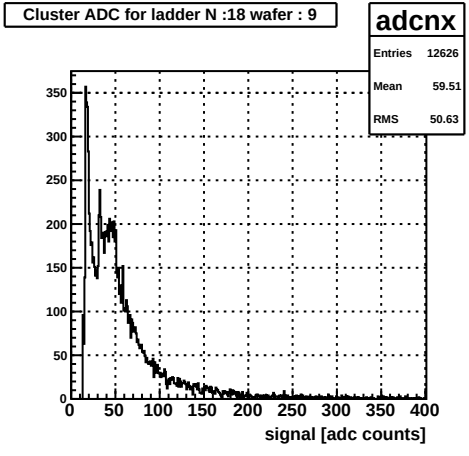

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 10030
Mean 58.23
RMS 53.95
signal [adc counts]

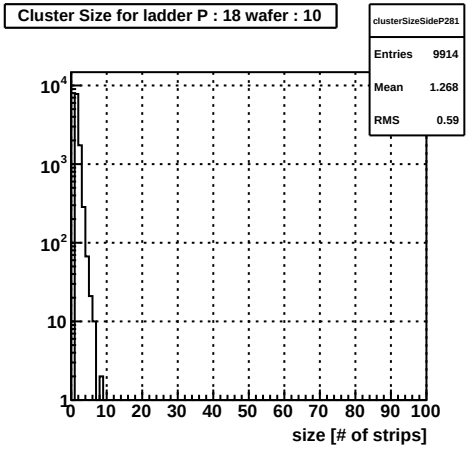

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 11929
Mean 1.249
RMS 0.5709
size [# of strips]

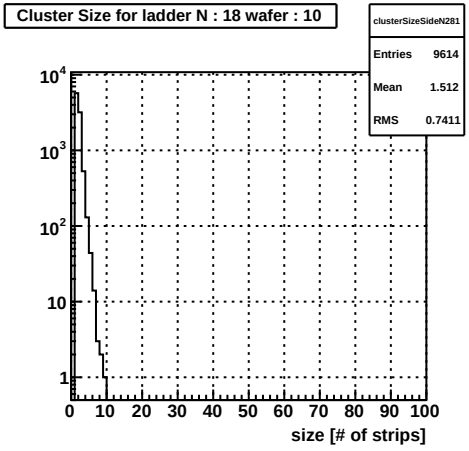

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 12626
Mean 1.598
RMS 0.9491
size [# of strips]

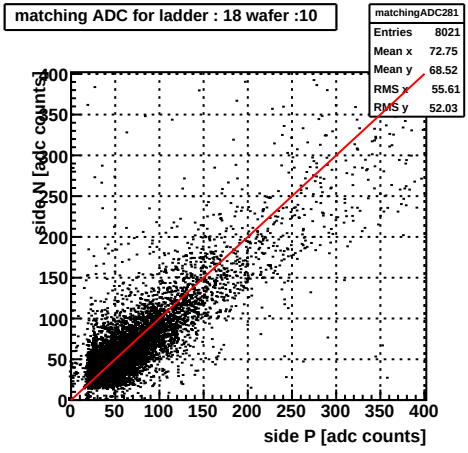

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 8643
Mean x 66.34
Mean y 64.21
RMS x 52.35
RMS y 50.04
side N [adc counts]
side P [adc counts]

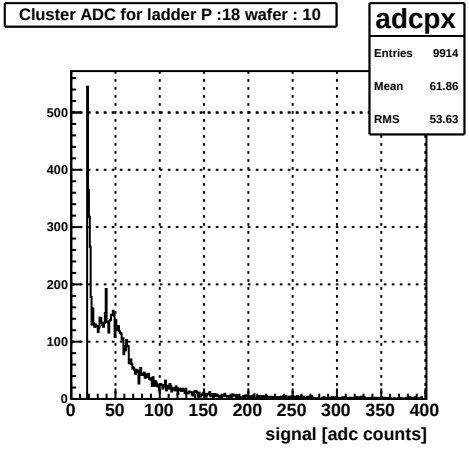

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 11929
Mean 58.35
RMS 52.53
signal [adc counts]

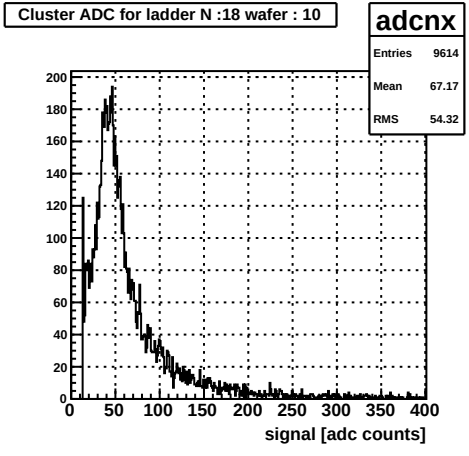

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 12626
Mean 59.51
RMS 50.63
signal [adc counts]

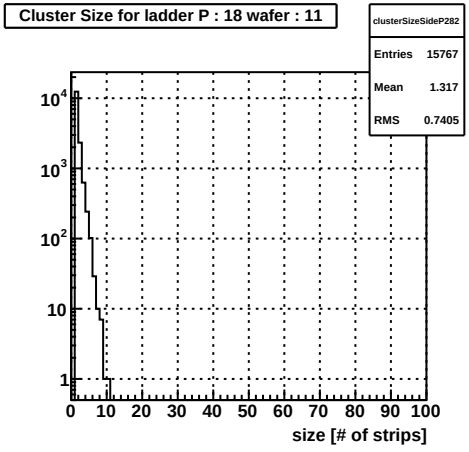

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 9914
Mean 1.268
RMS 0.59
size [# of strips]

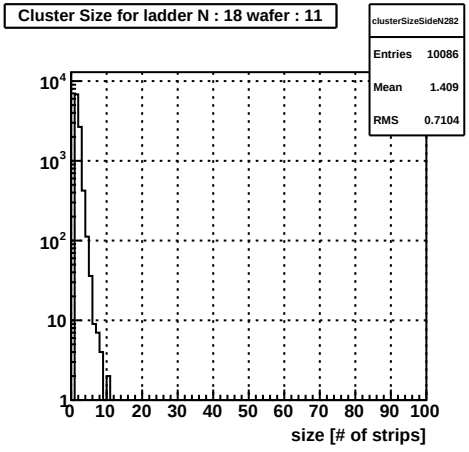

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 9614
Mean 1.512
RMS 0.7411
size [# of strips]

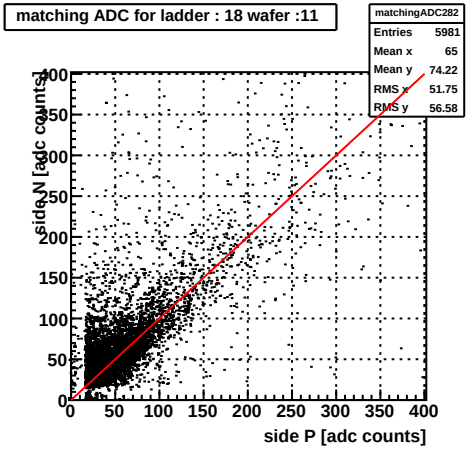

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 8021
Mean x 72.75
Mean y 68.52
RMS x 55.61
RMS y 52.03
side N [adc counts]
side P [adc counts]

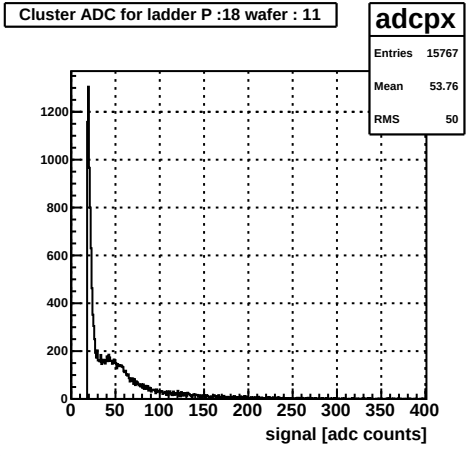

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 9914
Mean 61.86
RMS 53.63
signal [adc counts]

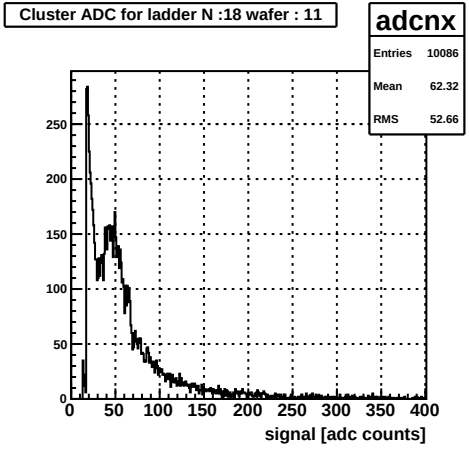

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 9614
Mean 67.17
RMS 54.32
signal [adc counts]

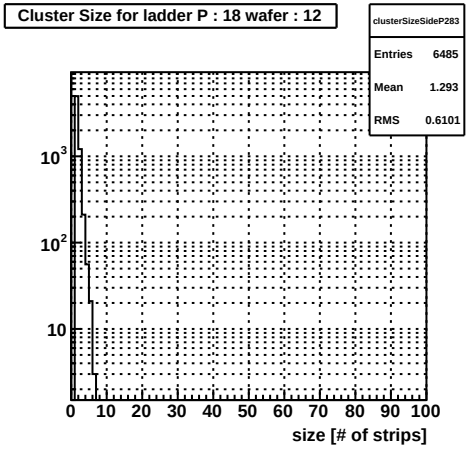

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 15767
Mean 1.317
RMS 0.7405
size [# of strips]

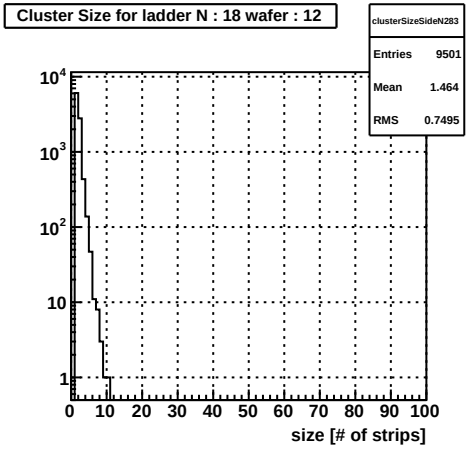

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 10086
Mean 1.409
RMS 0.7104
size [# of strips]

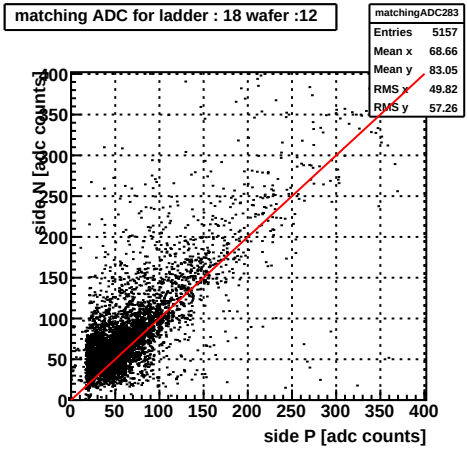

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 5981
Mean x 65
Mean y 74.22
RMS x 51.75
RMS y 56.58
side N [adc counts]
side P [adc counts]

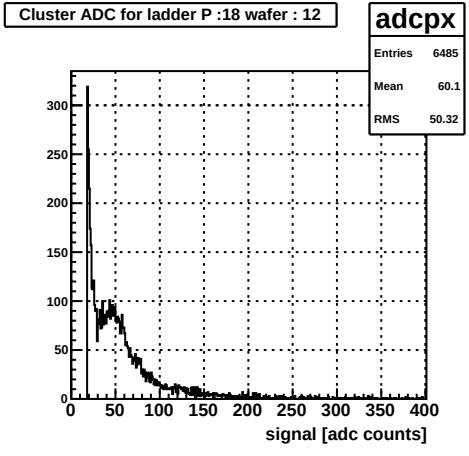

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 15767
Mean 53.76
RMS 50
signal [adc counts]

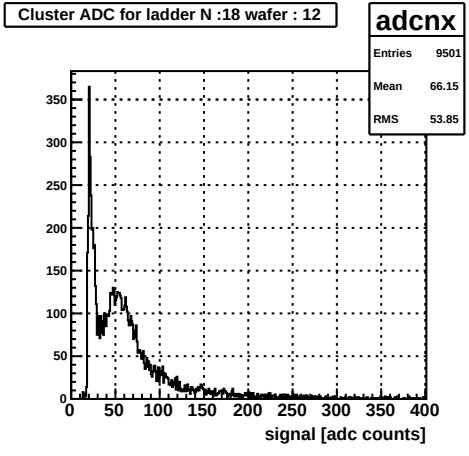

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 10086
Mean 62.32
RMS 52.66
signal [adc counts]

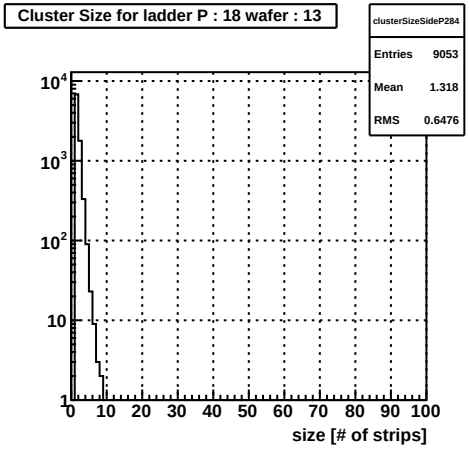

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 6485
Mean 1.293
RMS 0.6101
size [# of strips]

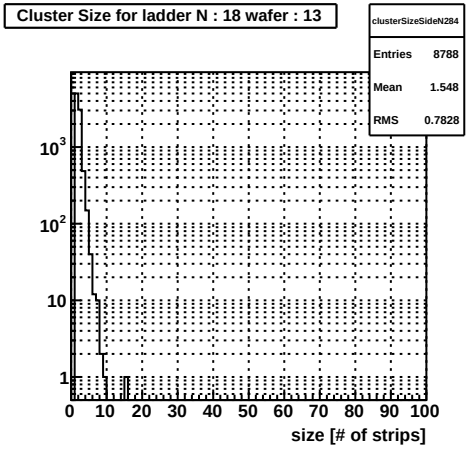

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 9501
Mean 1.464
RMS 0.7495
size [# of strips]

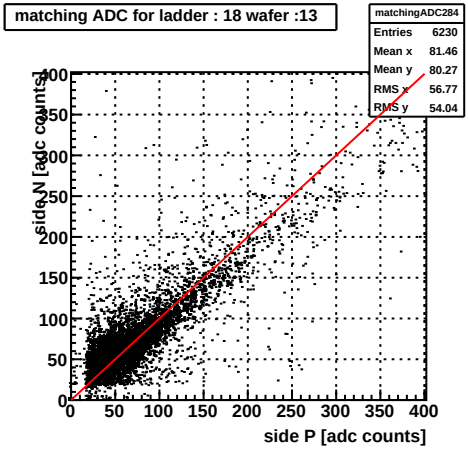

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 5157
Mean x 68.66
Mean y 83.05
RMS x 49.82
RMS y 57.26
side N [adc counts]
side P [adc counts]

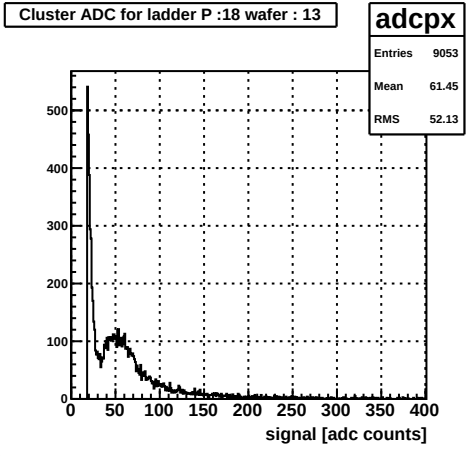

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 6485
Mean 60.1
RMS 50.32
signal [adc counts]

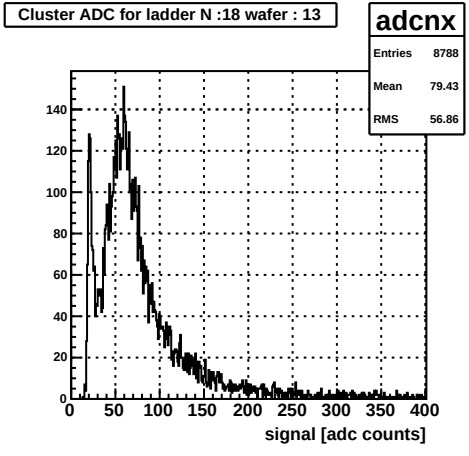

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 9501
Mean 66.15
RMS 53.85
signal [adc counts]

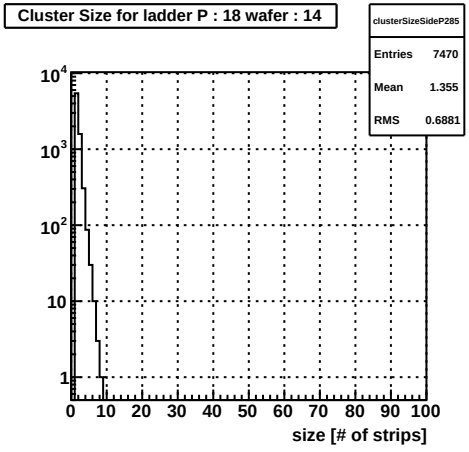

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 9053
Mean 1.318
RMS 0.6476
size [# of strips]

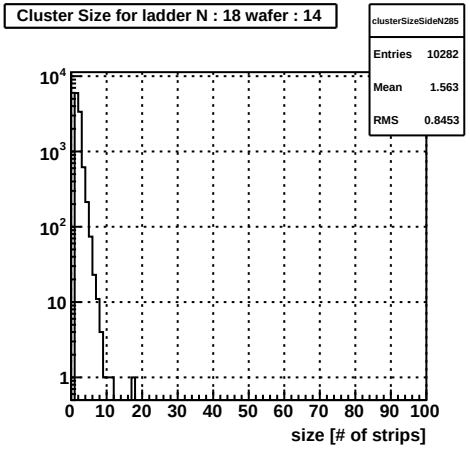

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 8788
Mean 1.548
RMS 0.7828
size [# of strips]

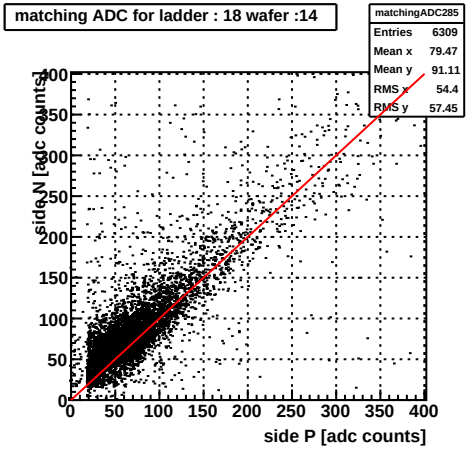

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 6230
Mean x 81.46
Mean y 80.27
RMS x 56.77
RMS y 54.04
side N [adc counts]
side P [adc counts]

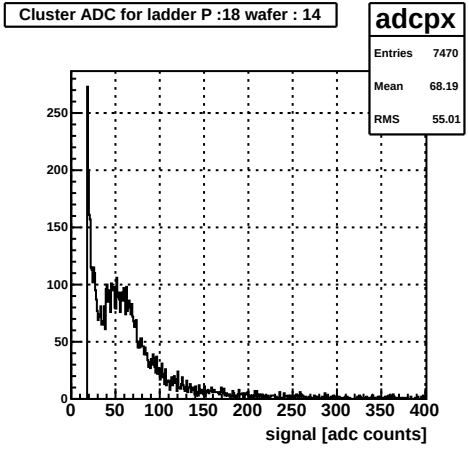

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 9053
Mean 61.45
RMS 52.13
signal [adc counts]

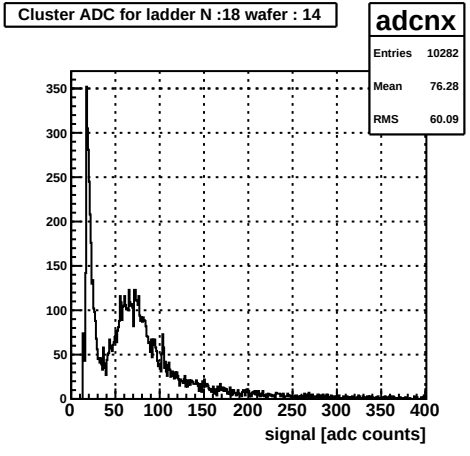

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 8788
Mean 79.43
RMS 56.86
signal [adc counts]

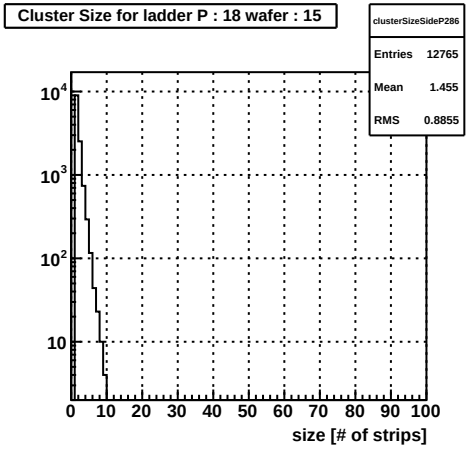

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 7470
Mean 1.355
RMS 0.6881
size [# of strips]

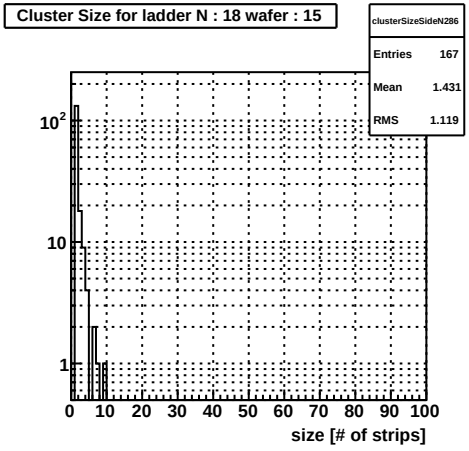

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 10282
Mean 1.563
RMS 0.8453
size [# of strips]

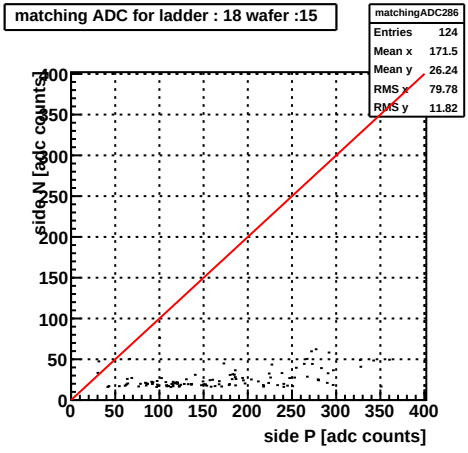

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 6309
Mean x 79.47
Mean y 91.11
RMS x 54.4
RMS y 57.45
side N [adc counts]
side P [adc counts]

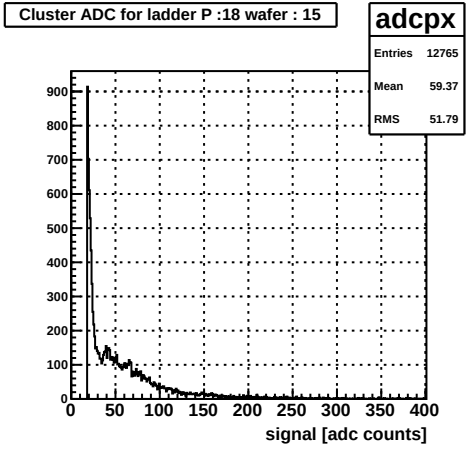

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 7470
Mean 68.19
RMS 55.01
signal [adc counts]

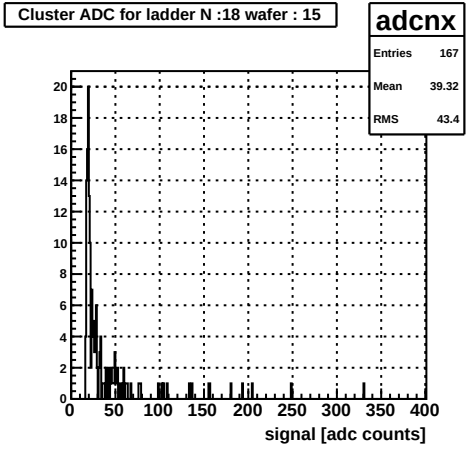

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 10282
Mean 76.28
RMS 60.09
signal [adc counts]

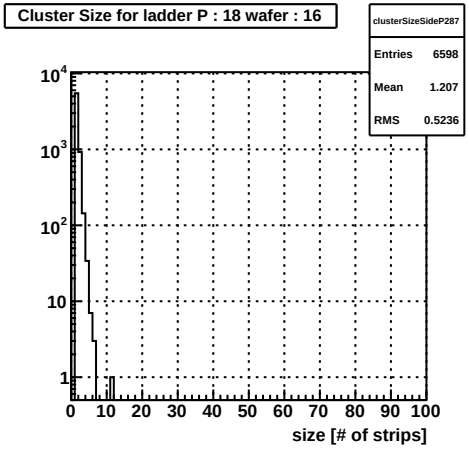

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 12765
Mean 1.455
RMS 0.8855
size [# of strips]

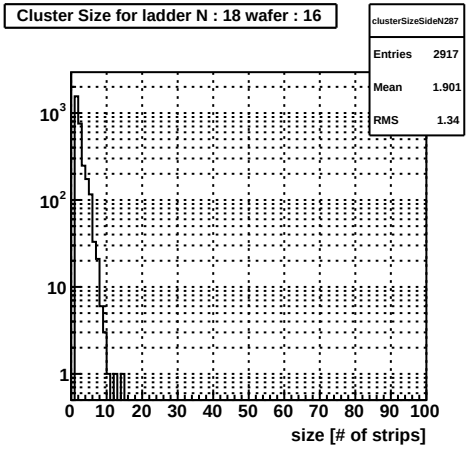

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 167
Mean 1.431
RMS 1.119
size [# of strips]

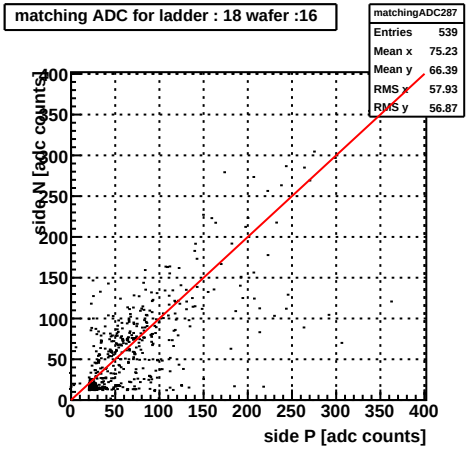

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 124
Mean x 171.5
Mean y 26.24
RMS x 79.78
RMS y 11.82
side N [adc counts]
side P [adc counts]

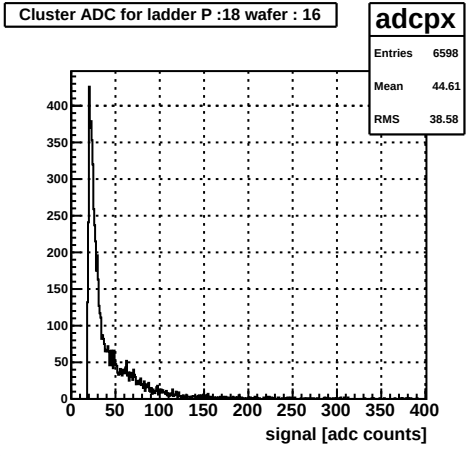

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 12765
Mean 59.37
RMS 51.79
signal [adc counts]

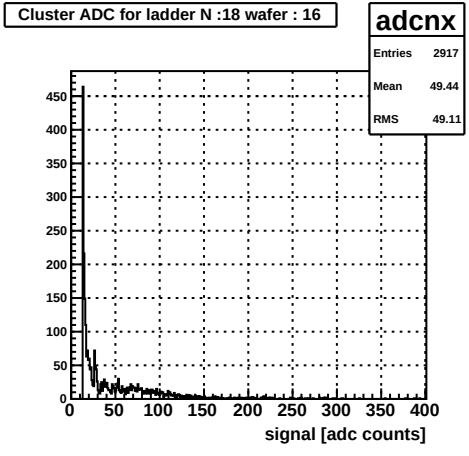

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 167
Mean 39.32
RMS 43.4
signal [adc counts]

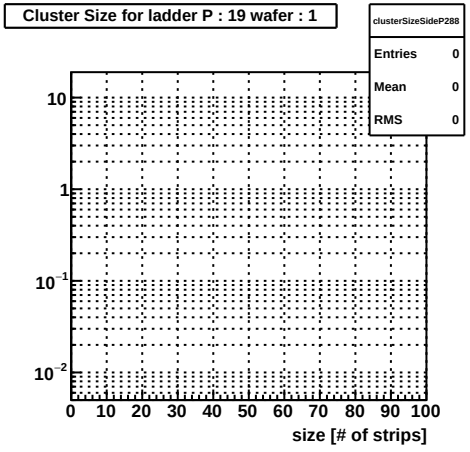

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6598
Mean 1.207
RMS 0.5236
size [# of strips]

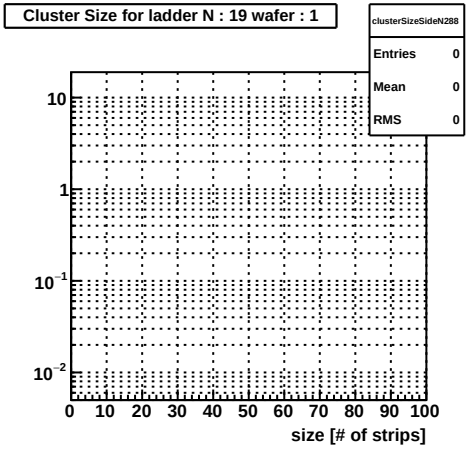

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2917
Mean 1.901
RMS 1.34
size [# of strips]

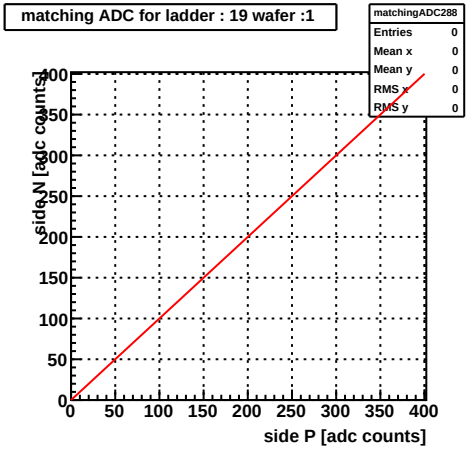

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 539
Mean x 75.23
Mean y 66.39
RMS x 57.93
RMS y 56.87
side N [adc counts]
side P [adc counts]

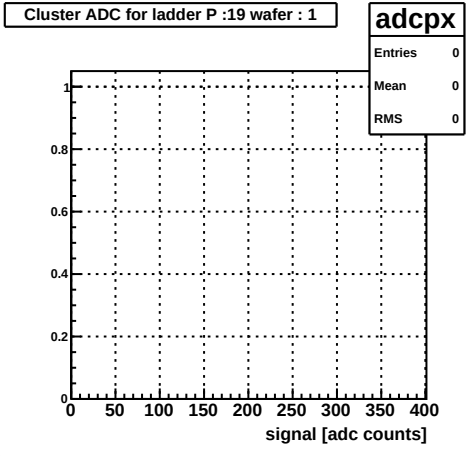

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6598
Mean 44.61
RMS 38.58
signal [adc counts]

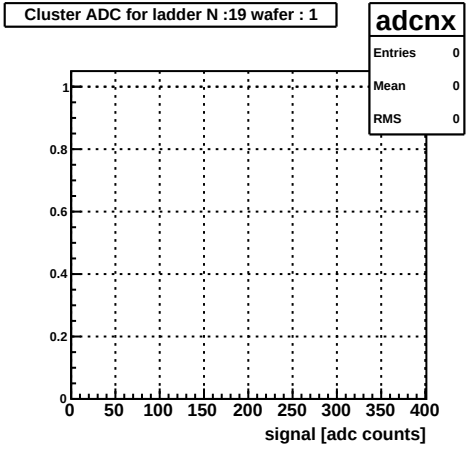

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2917
Mean 49.44
RMS 49.11
signal [adc counts]

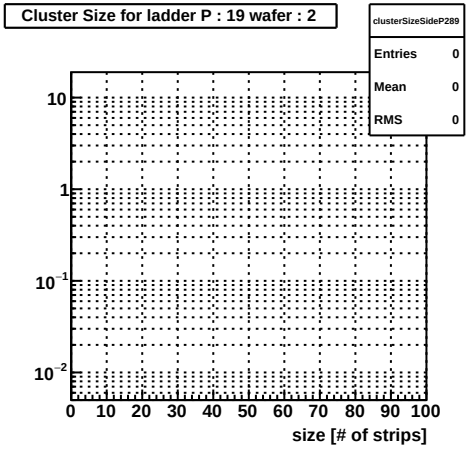

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

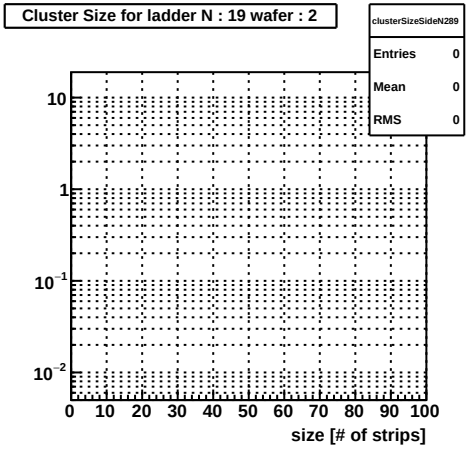

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

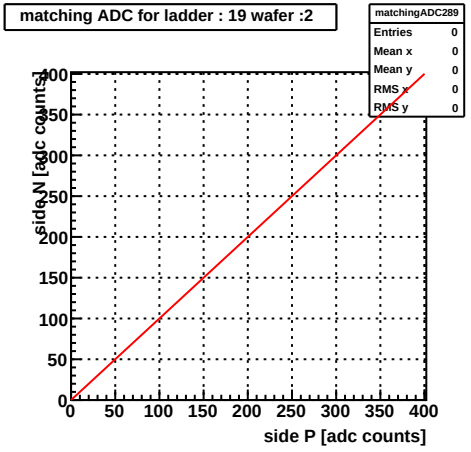

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

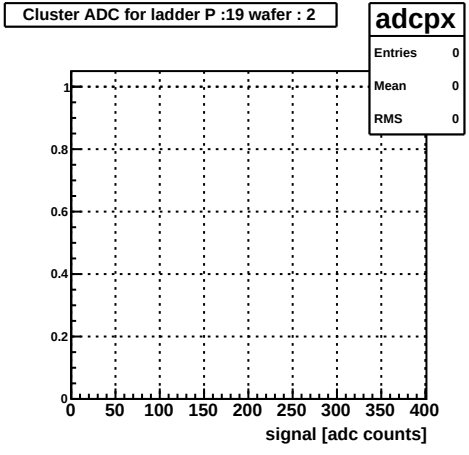

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

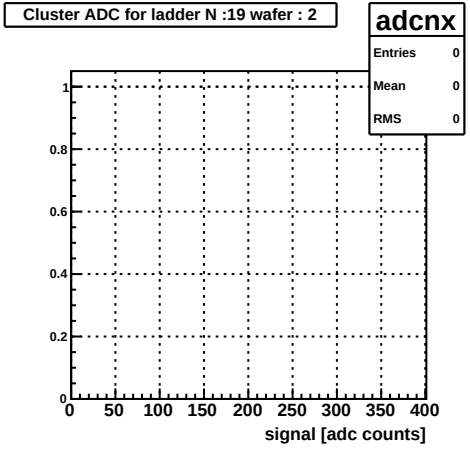

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

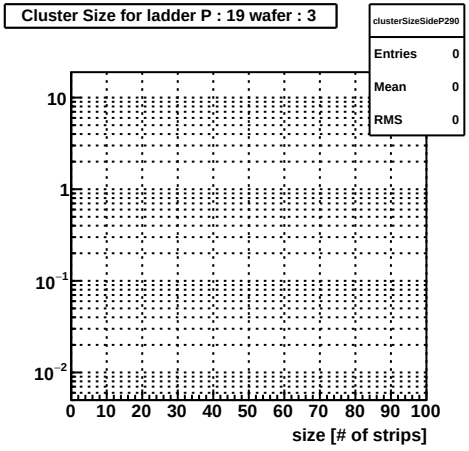

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

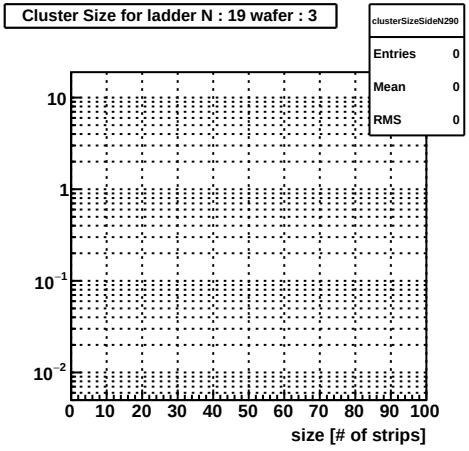

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

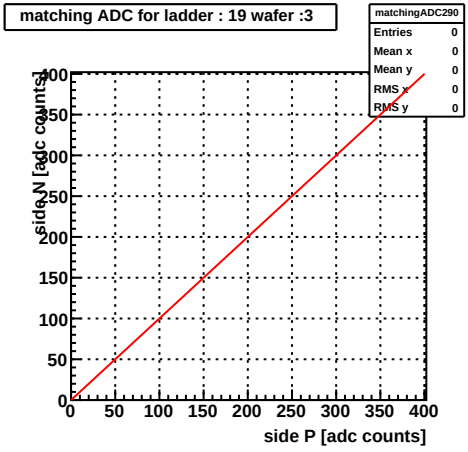

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

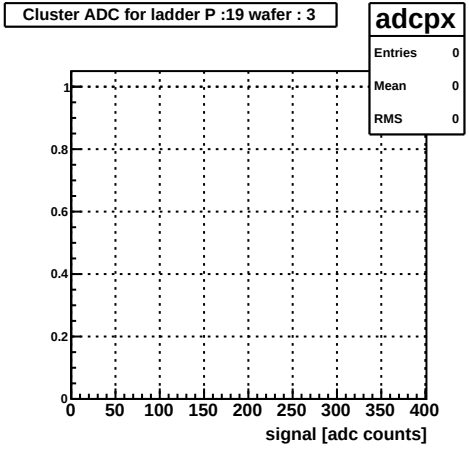

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

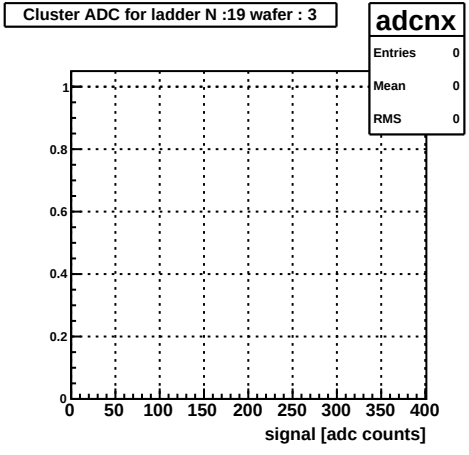

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

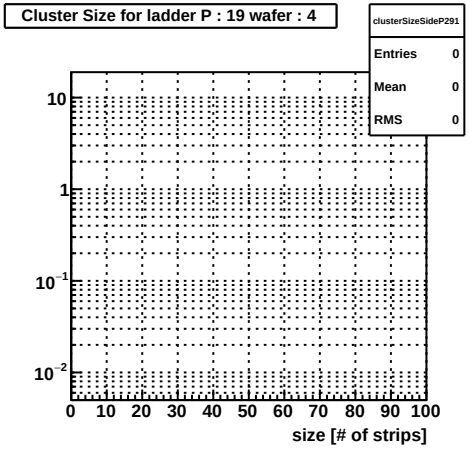

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

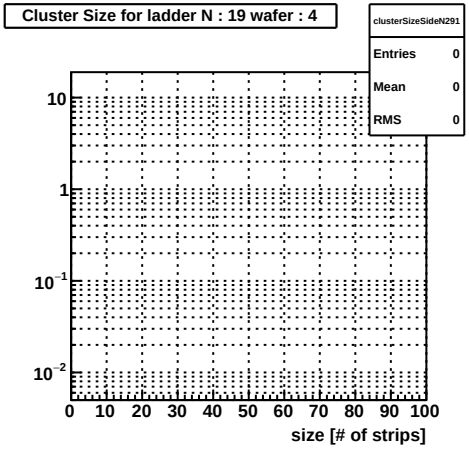

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

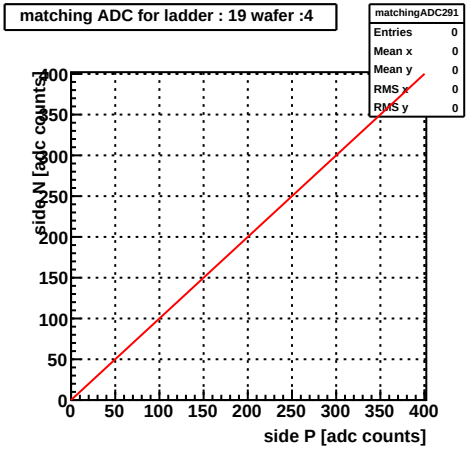

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

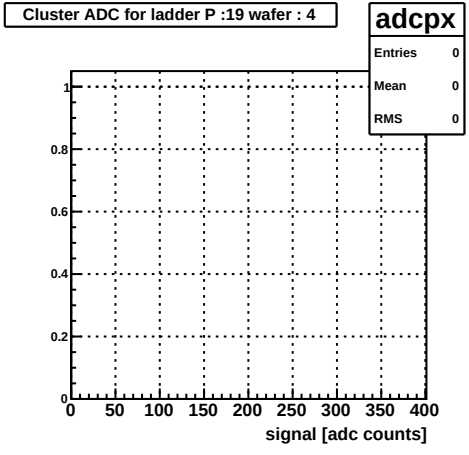

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

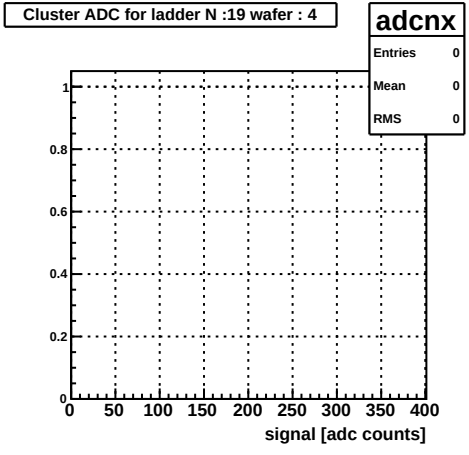

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

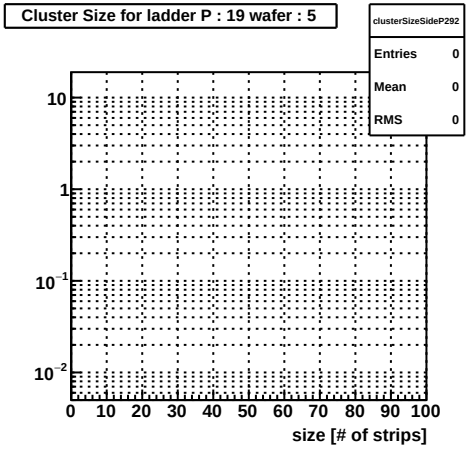

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

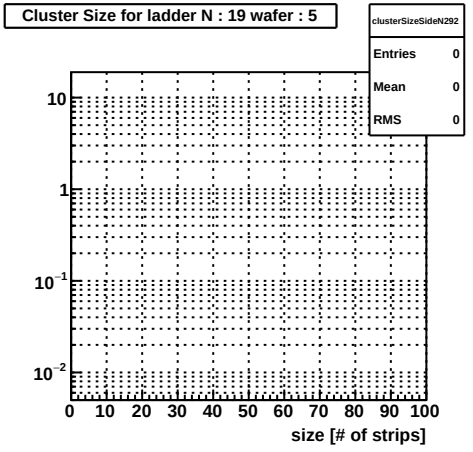

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

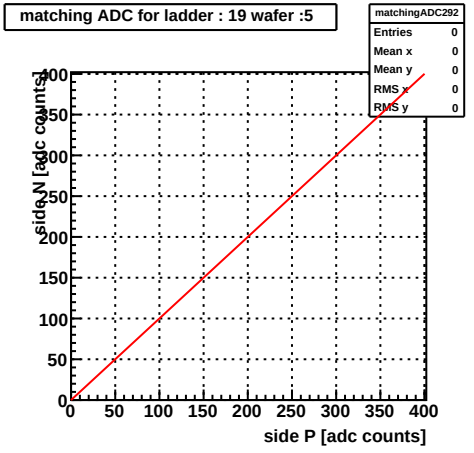

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

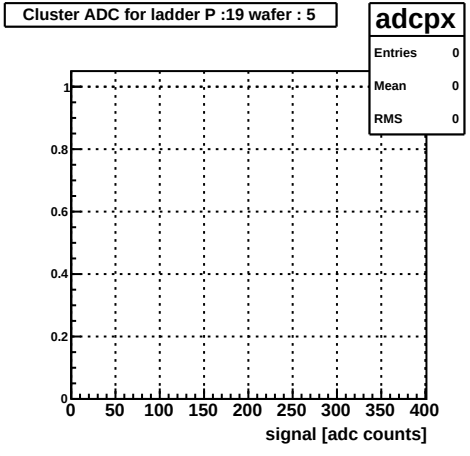

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

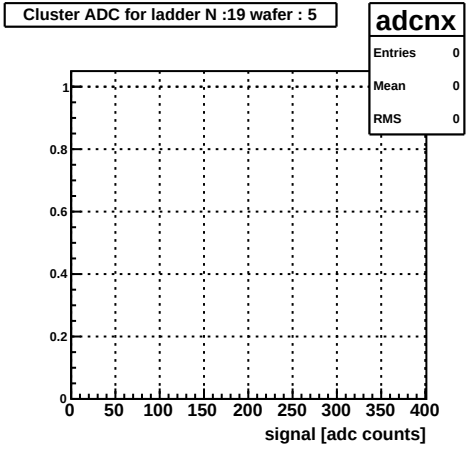

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

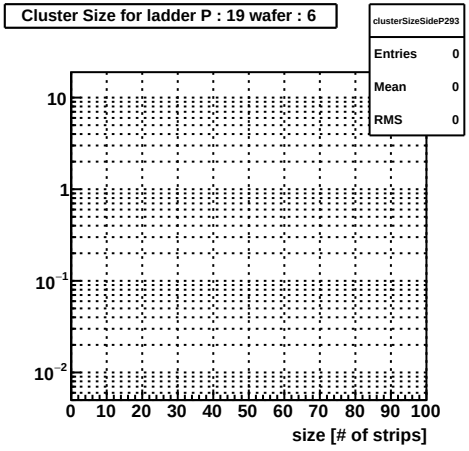

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

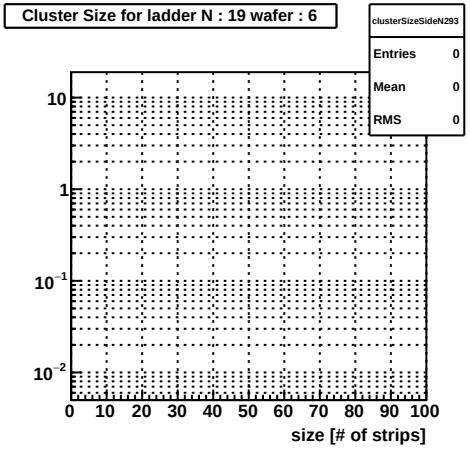

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

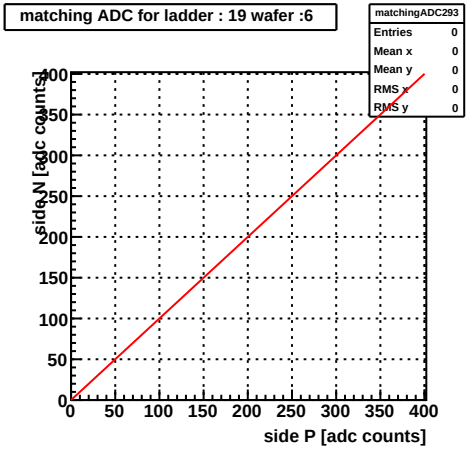

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

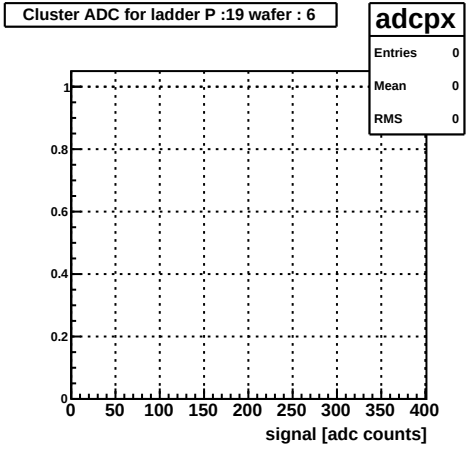

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

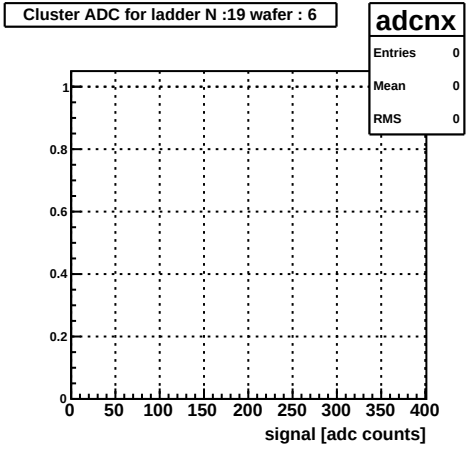

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

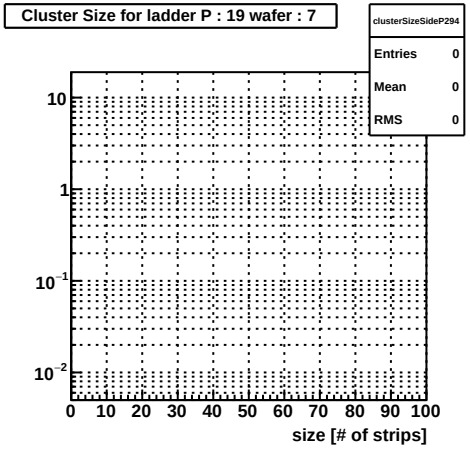

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

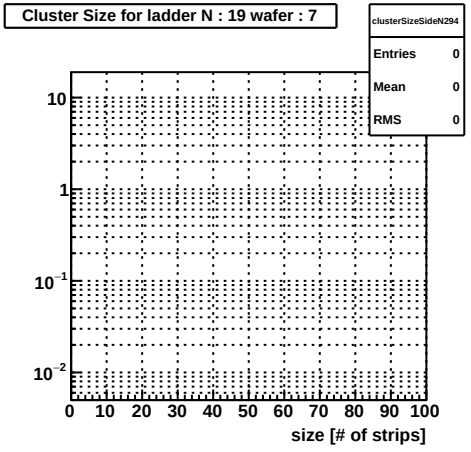

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

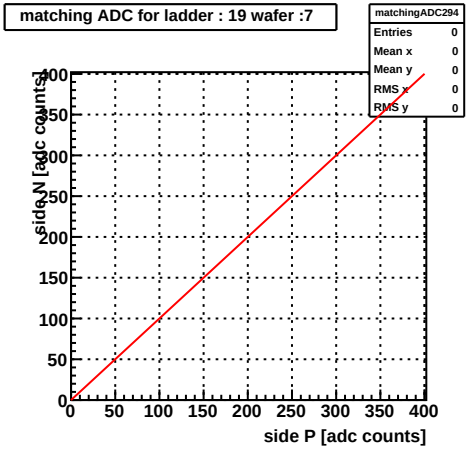

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

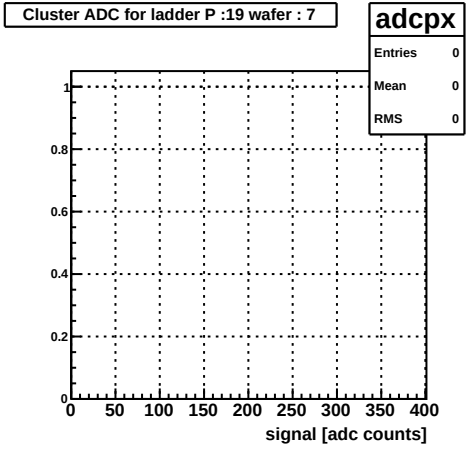

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

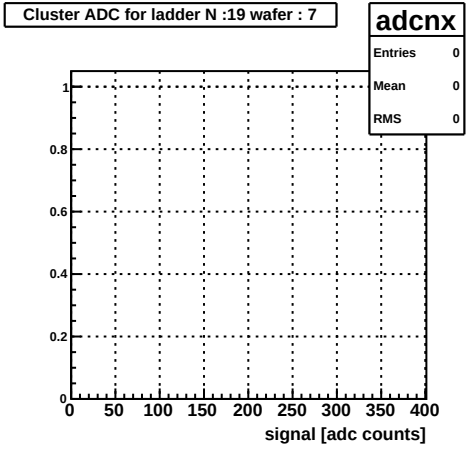

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

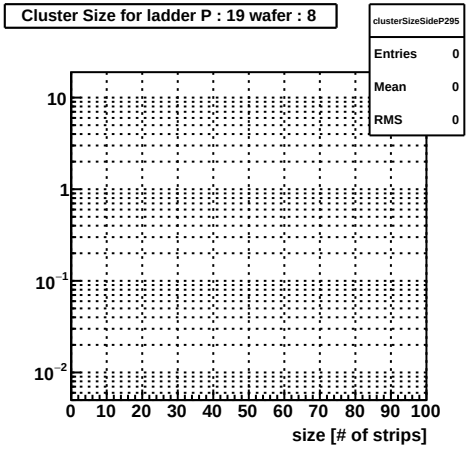

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

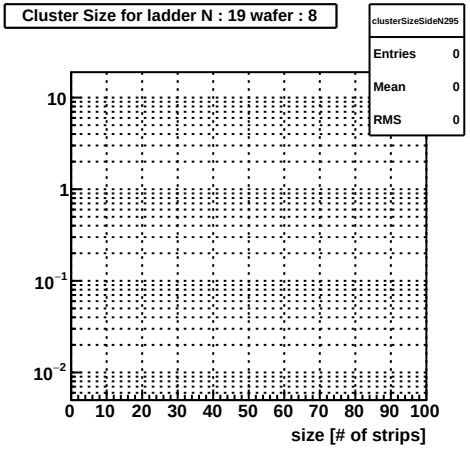

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

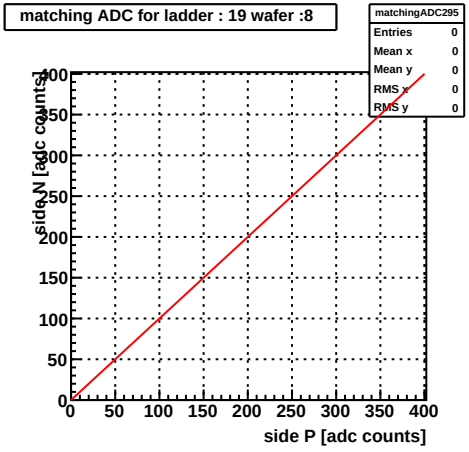

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

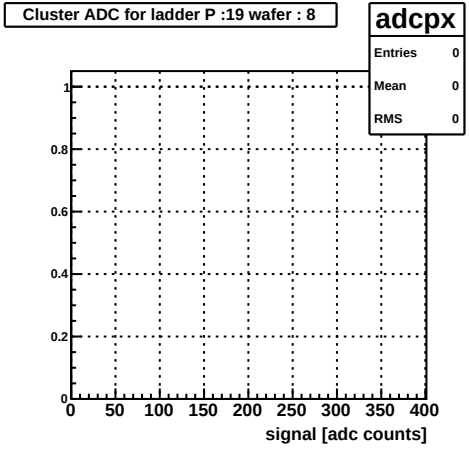

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

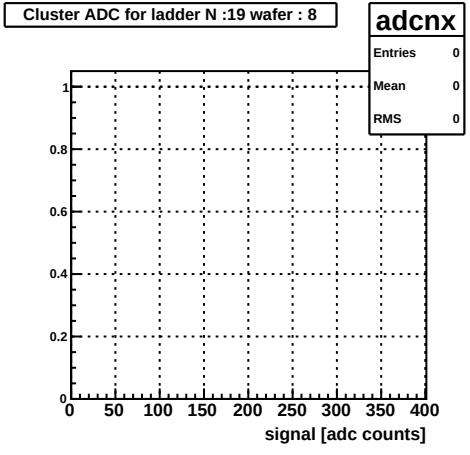

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

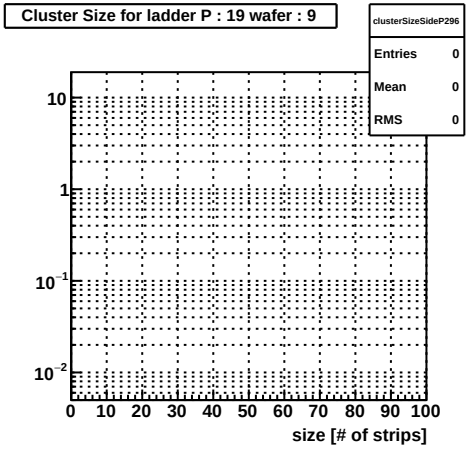

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

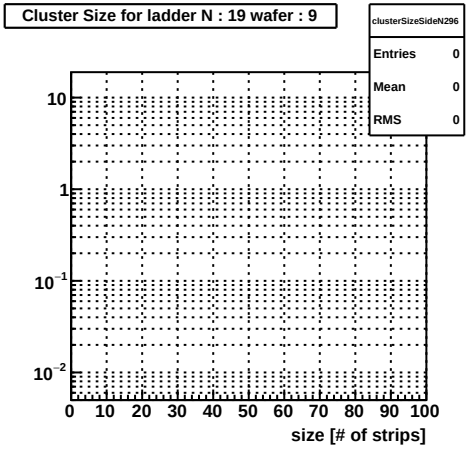

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

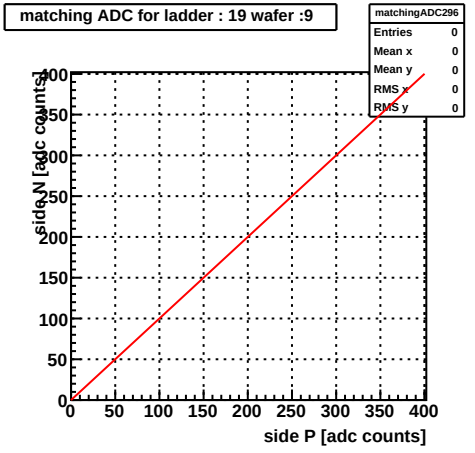

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

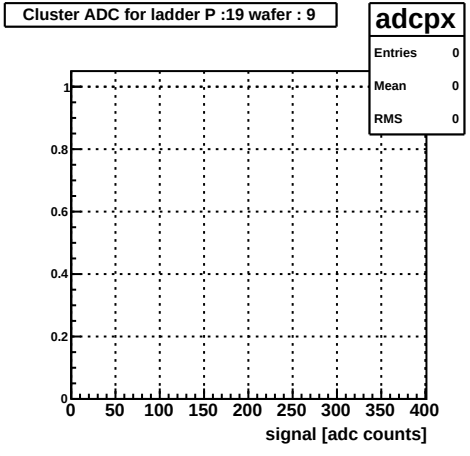

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

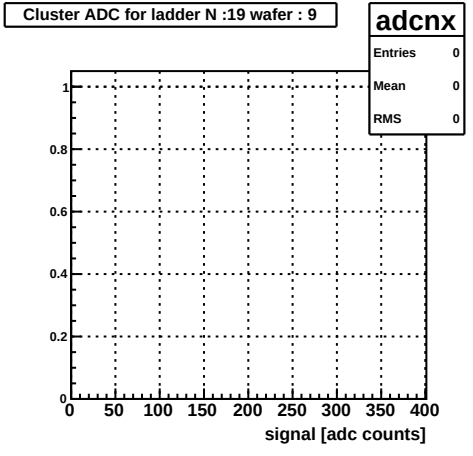

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

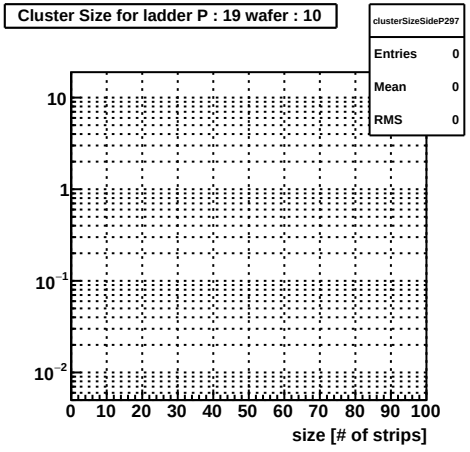

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

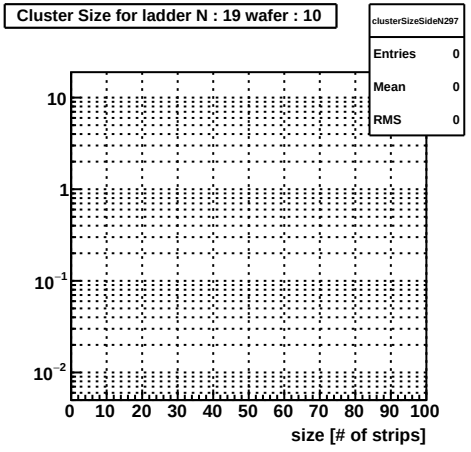

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

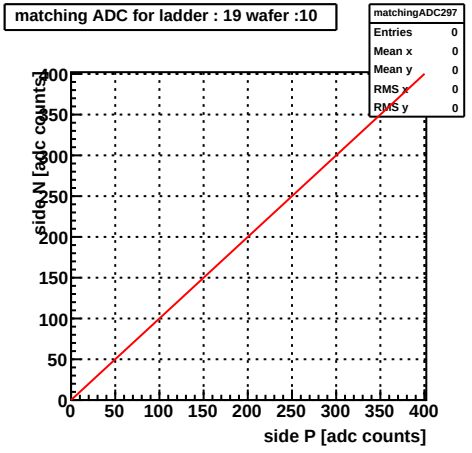

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

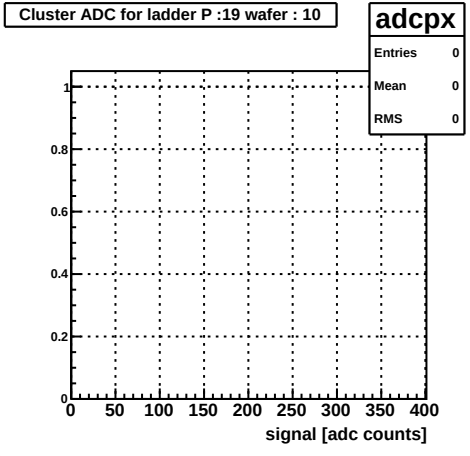

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

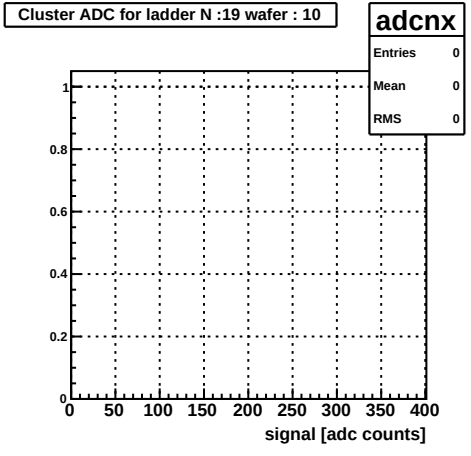

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

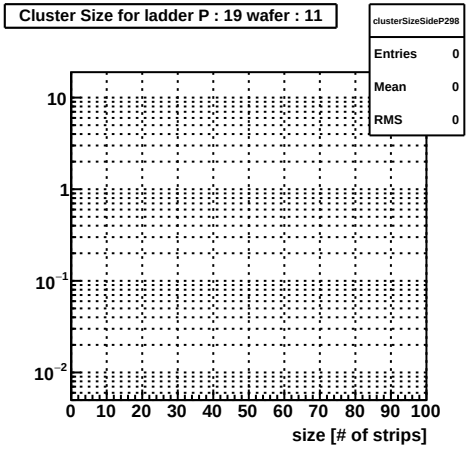

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

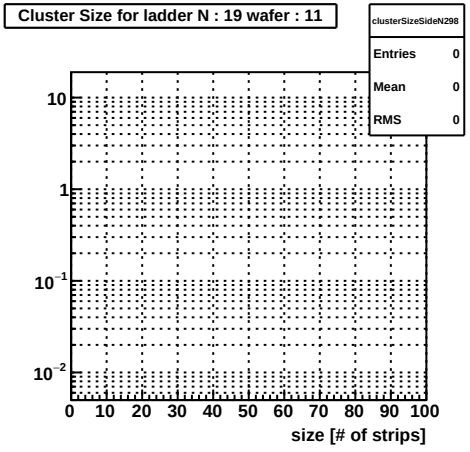

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

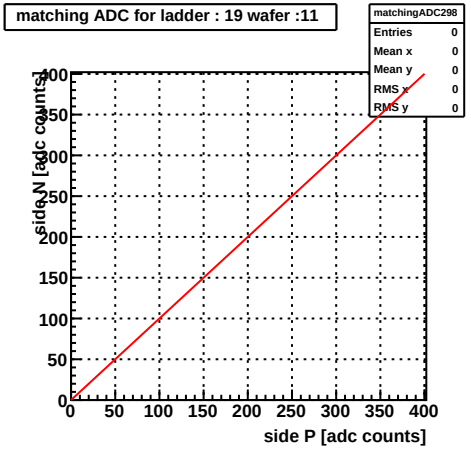

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

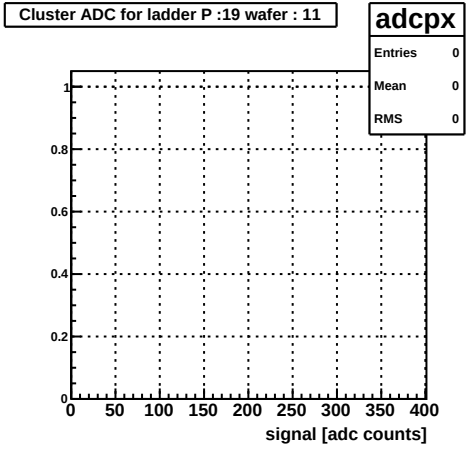

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

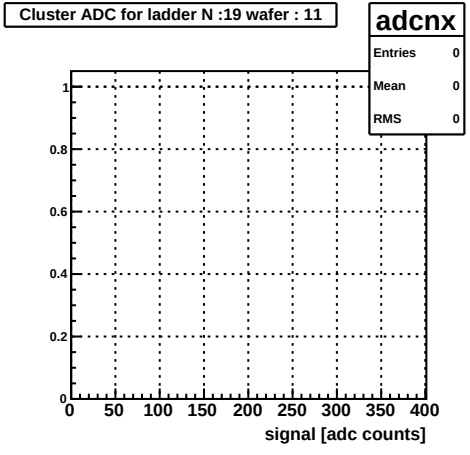

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

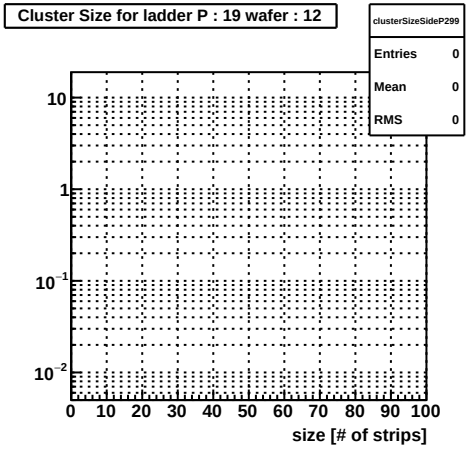

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

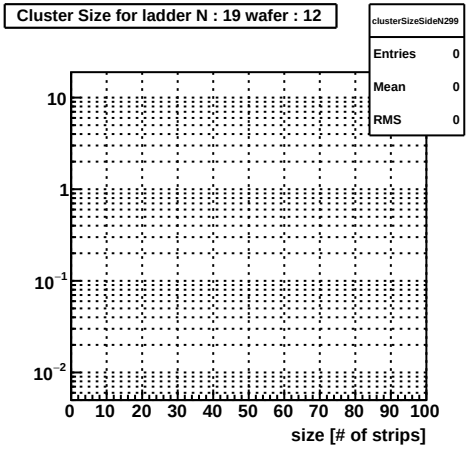

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

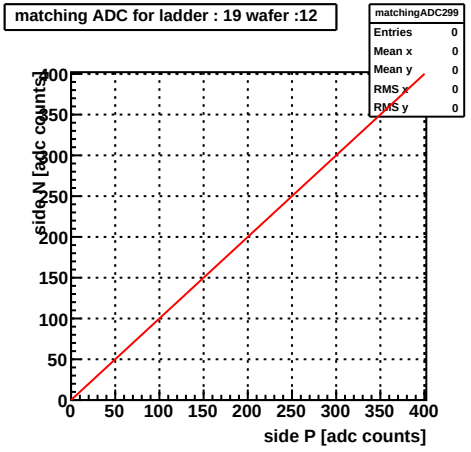

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

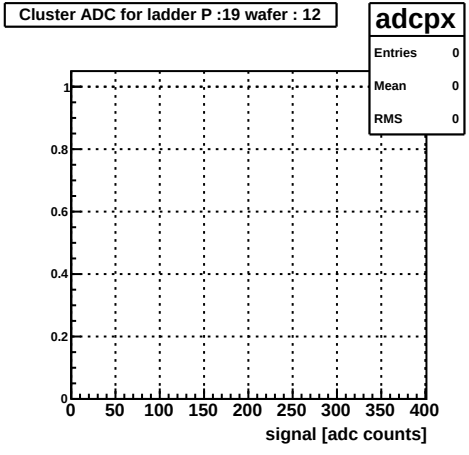

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

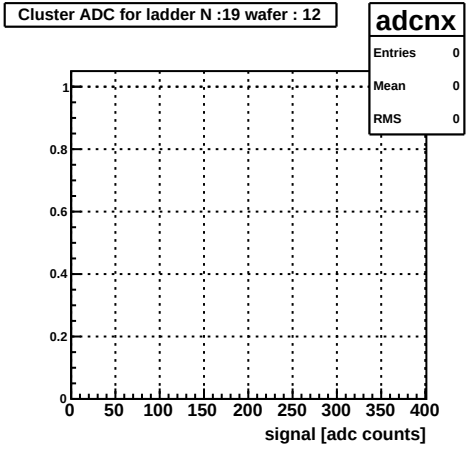

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

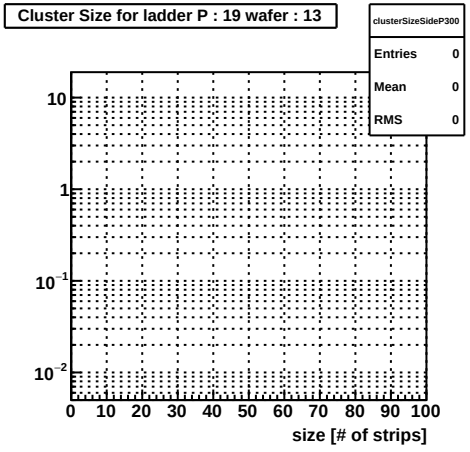

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

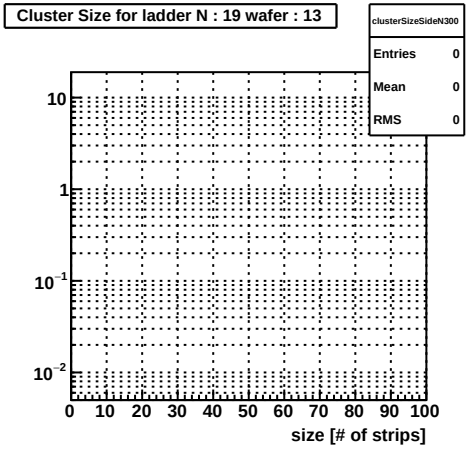

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

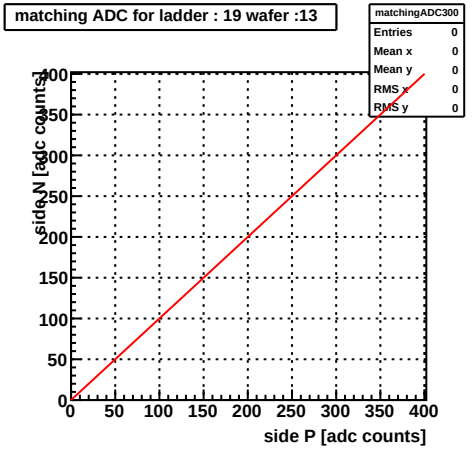

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

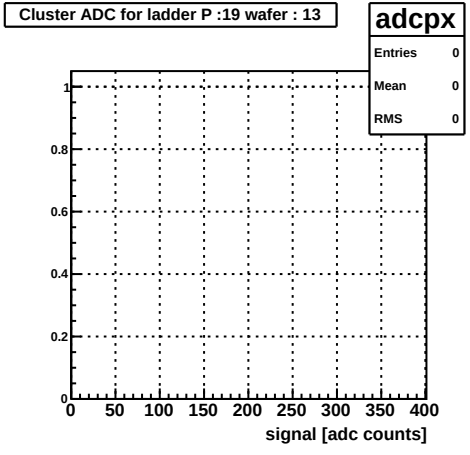

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

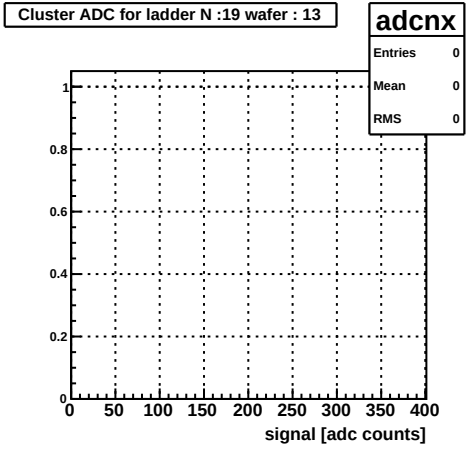

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

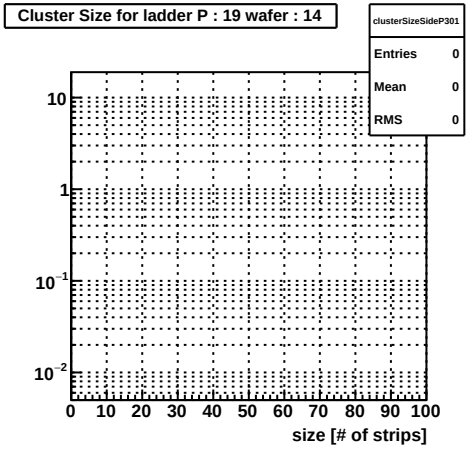

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

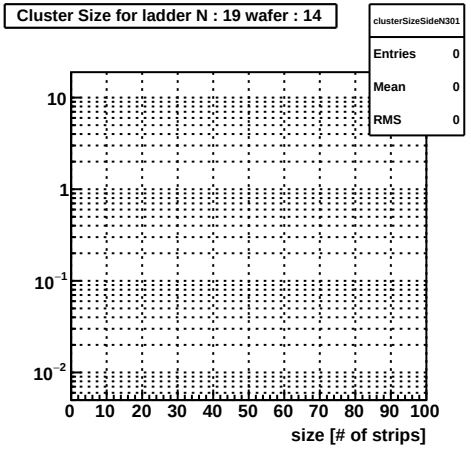

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

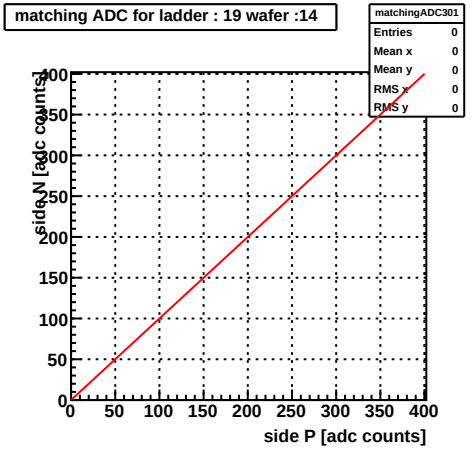

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

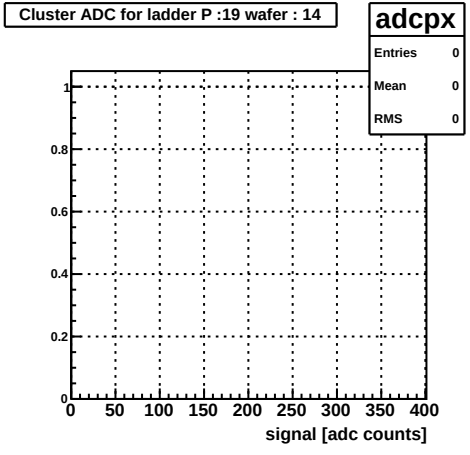

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

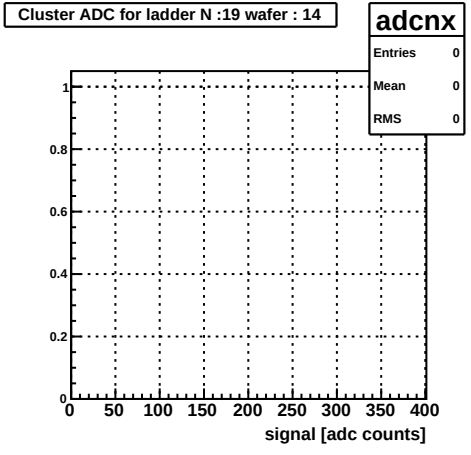

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

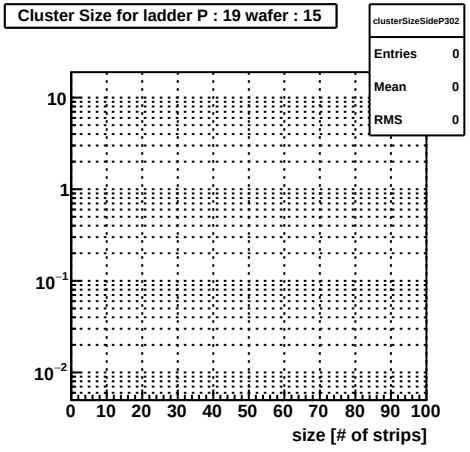

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

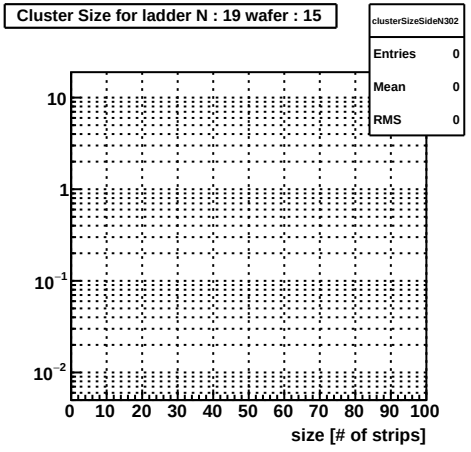

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

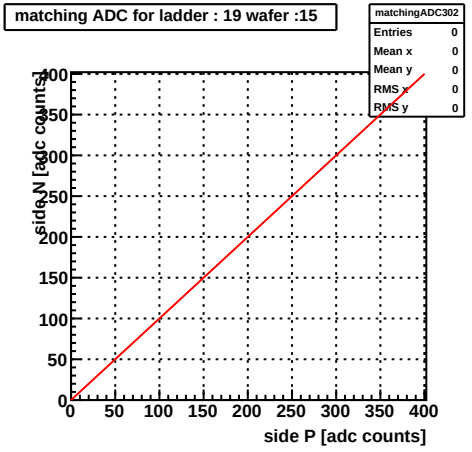

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

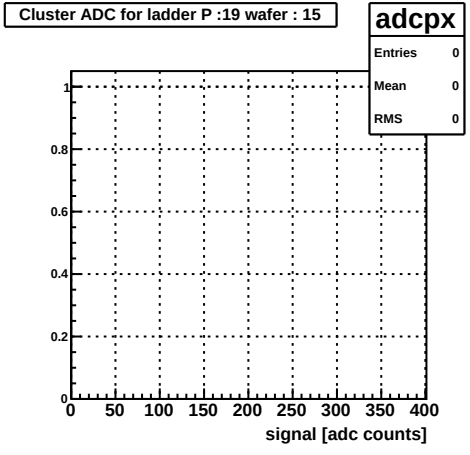

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

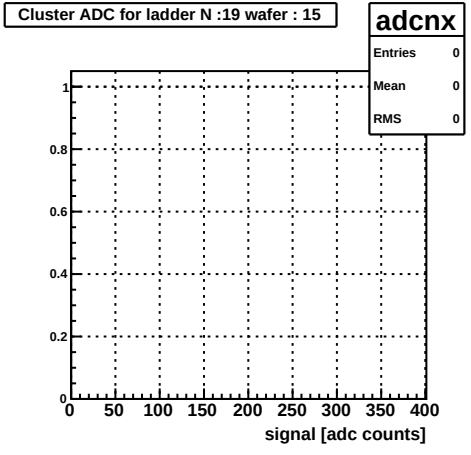

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

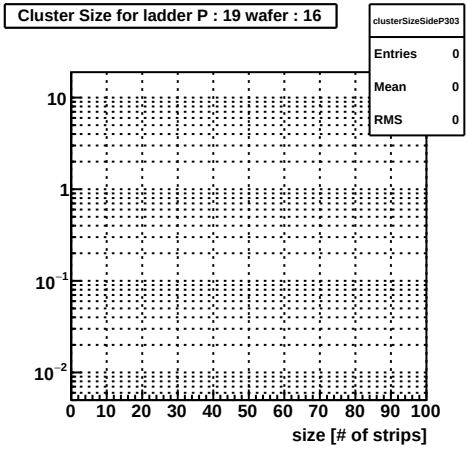

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

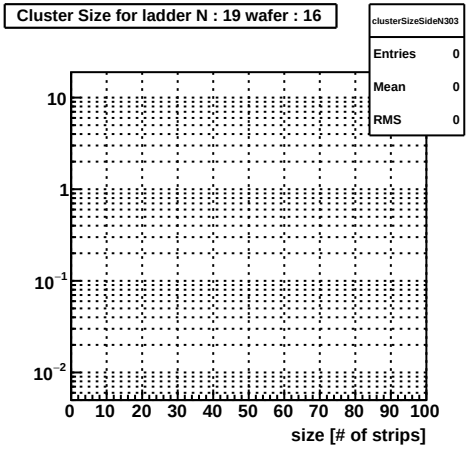

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

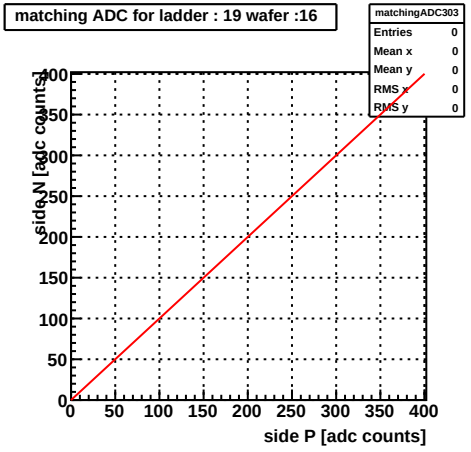

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

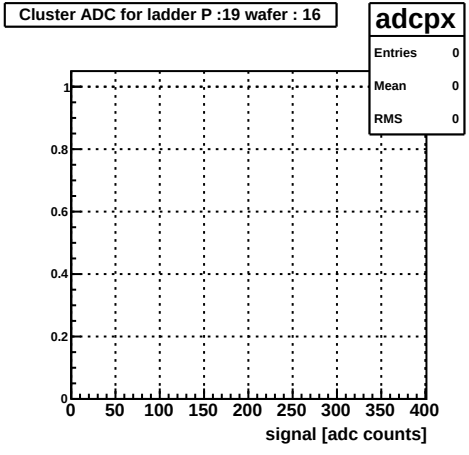

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

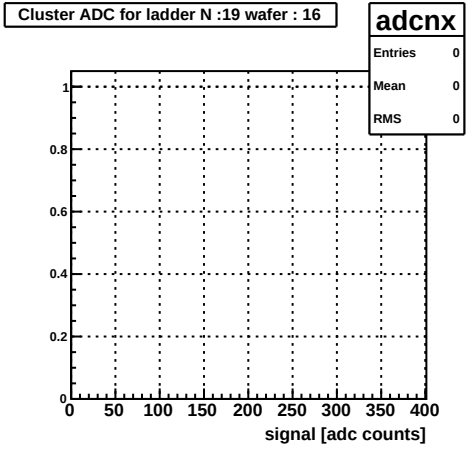

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

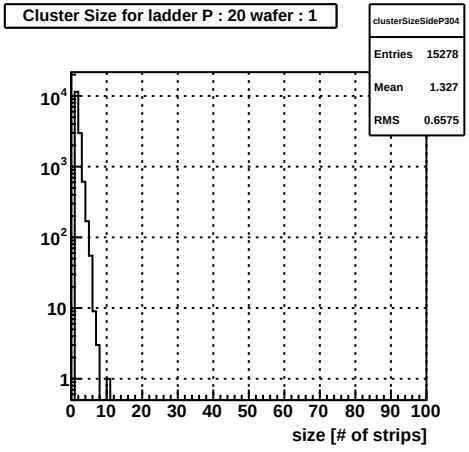

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

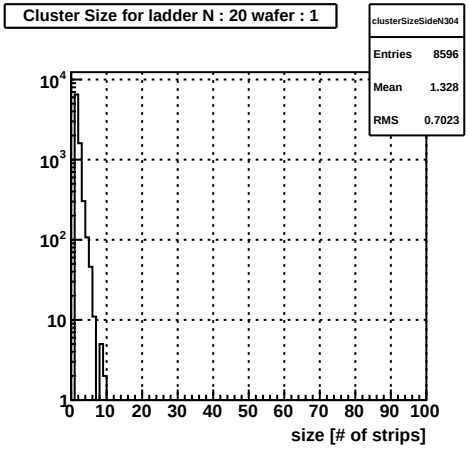

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

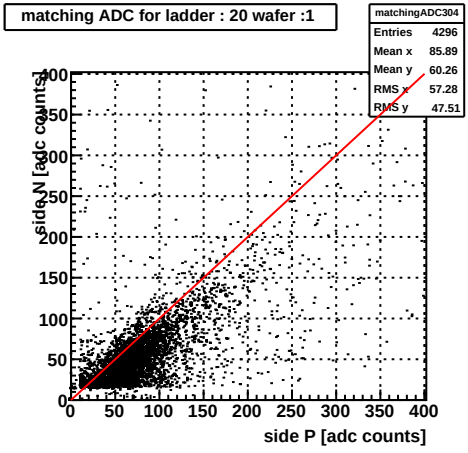

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

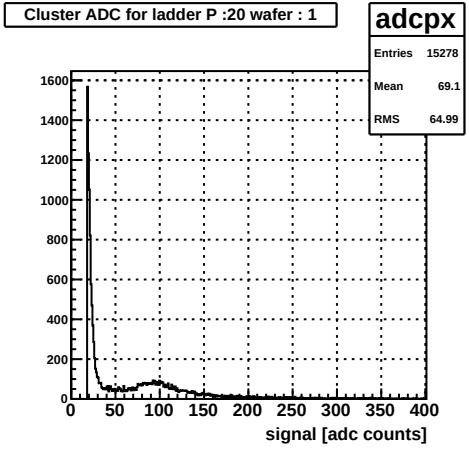

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

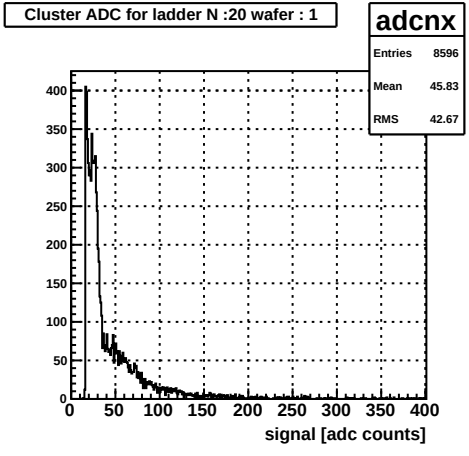

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

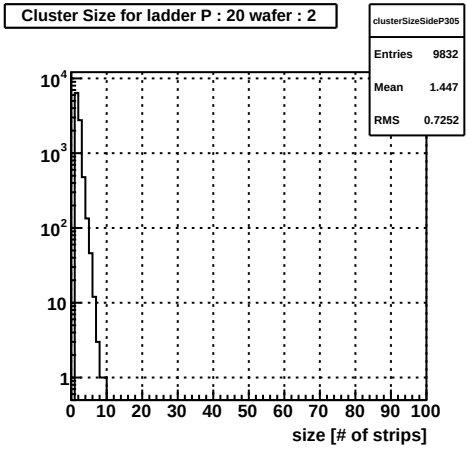

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 15278
Mean 1.327
RMS 0.6575
size [# of strips]

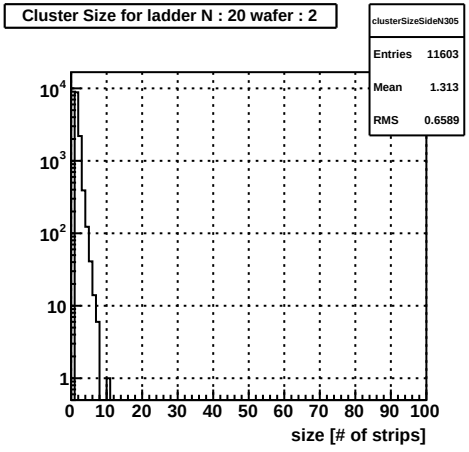

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 8596
Mean 1.328
RMS 0.7023
size [# of strips]

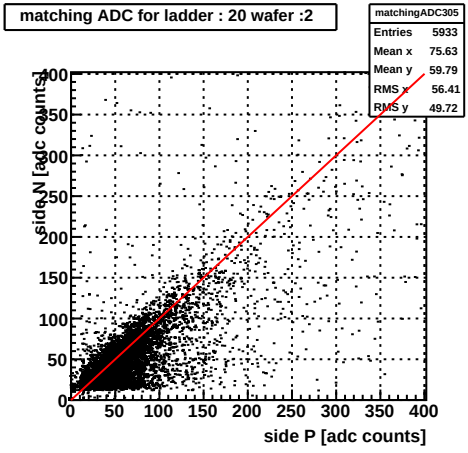

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4296
Mean x 85.89
Mean y 60.26
RMS x 57.28
RMS y 47.51
side N [adc counts]
side P [adc counts]

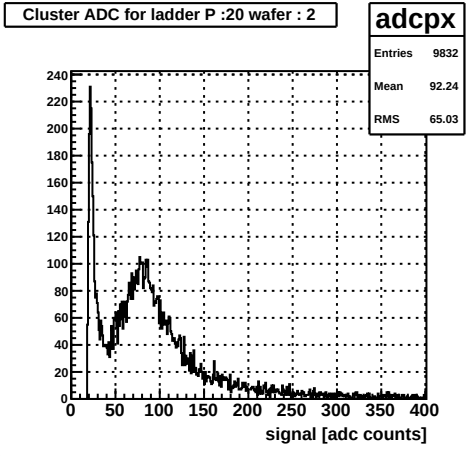

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 15278
Mean 69.1
RMS 64.99
signal [adc counts]

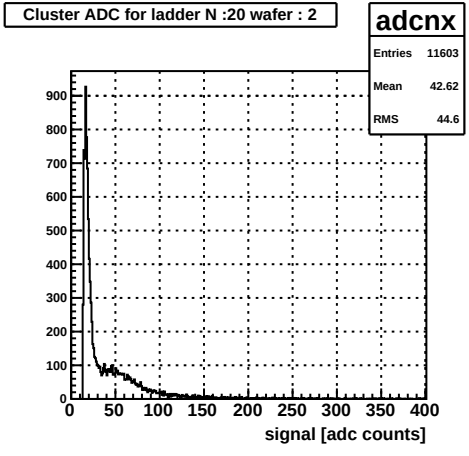

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 8596
Mean 45.83
RMS 42.67
signal [adc counts]

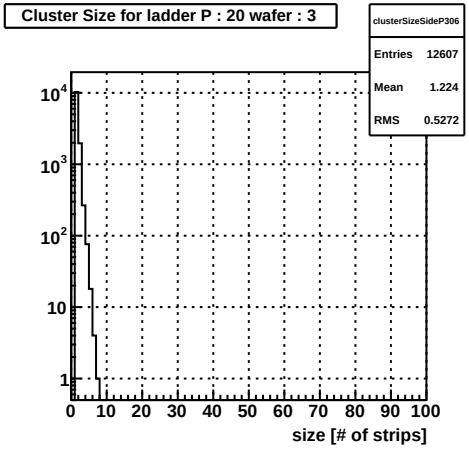

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 9832
Mean 1.447
RMS 0.7252
size [# of strips]

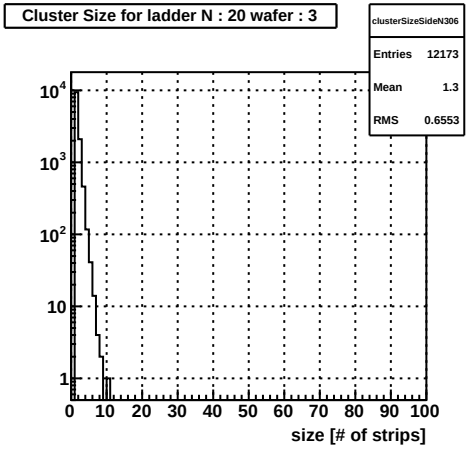

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 11603
Mean 1.313
RMS 0.6589
size [# of strips]

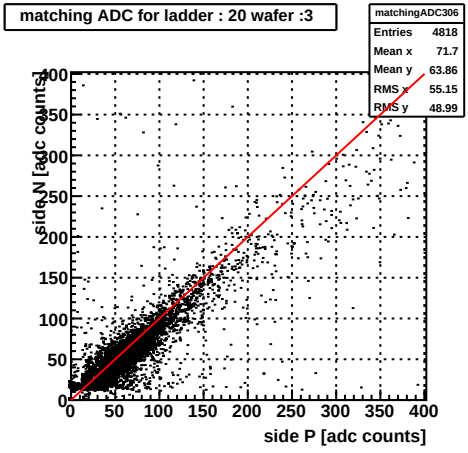

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 5933
Mean x 75.63
Mean y 59.79
RMS x 56.41
RMS y 49.72
side N [adc counts]
side P [adc counts]

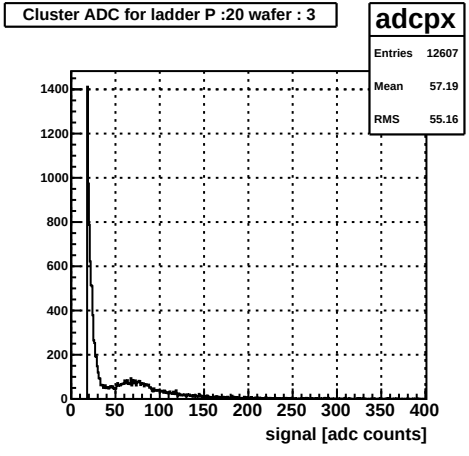

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 9832
Mean 92.24
RMS 65.03
signal [adc counts]

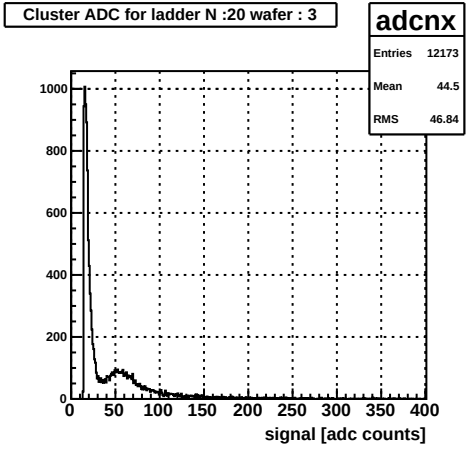

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 11603
Mean 42.62
RMS 44.6
signal [adc counts]

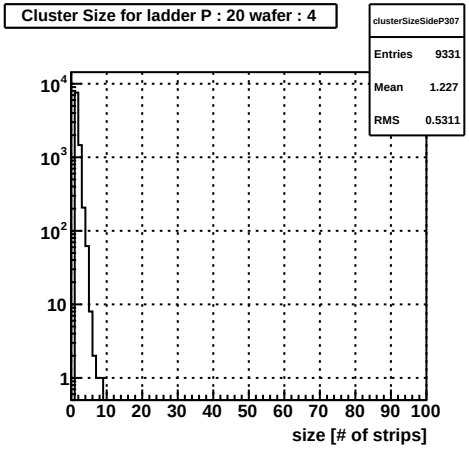

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 12607
Mean 1.224
RMS 0.5272
size [# of strips]

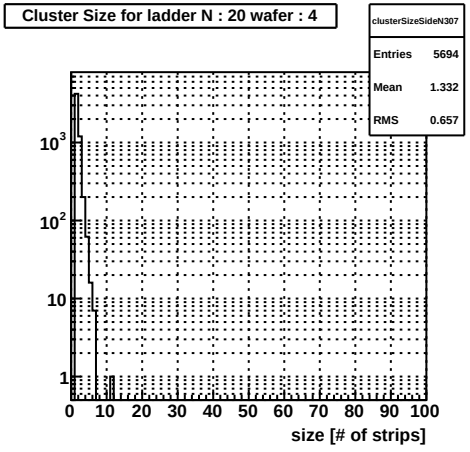

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 12173
Mean 1.3
RMS 0.6553
size [# of strips]

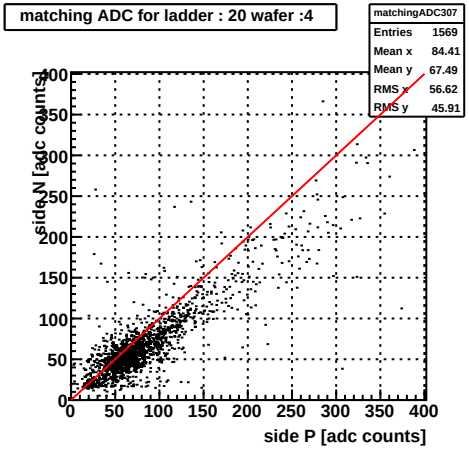

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 4818
Mean x 71.7
Mean y 63.86
RMS x 55.15
RMS y 48.99
side N [adc counts]
side P [adc counts]

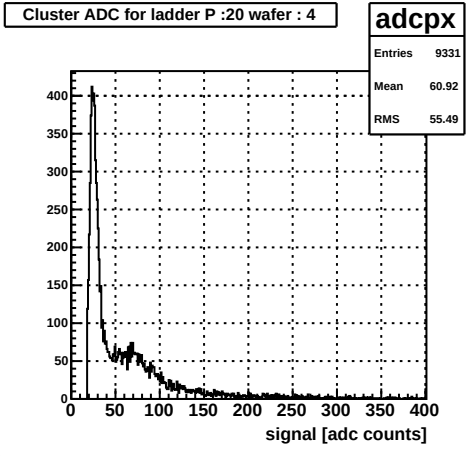

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 12607
Mean 57.19
RMS 55.16
signal [adc counts]

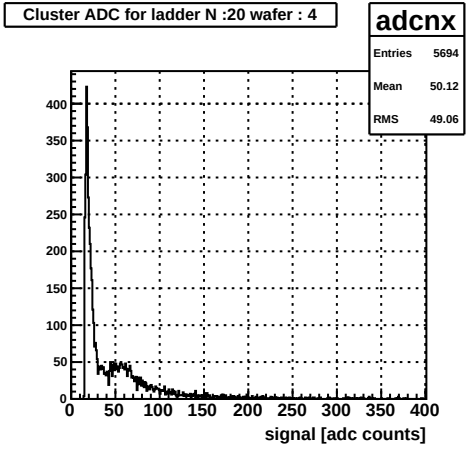

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 12173
Mean 44.5
RMS 46.84
signal [adc counts]

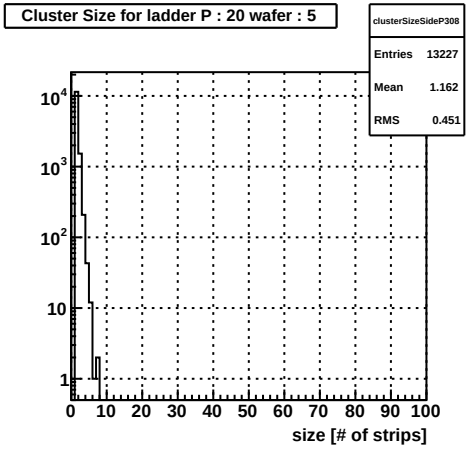

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 9331
Mean 1.227
RMS 0.5311
size [# of strips]

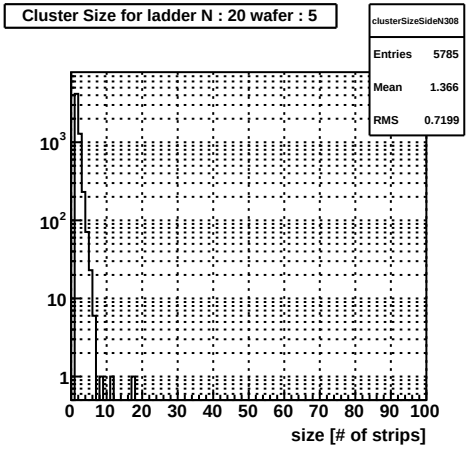

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 5694
Mean 1.332
RMS 0.657
size [# of strips]

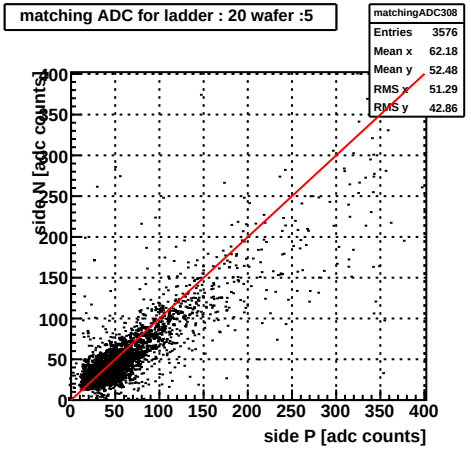

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 1569
Mean x 84.41
Mean y 67.49
RMS x 56.62
RMS y 45.91
side N [adc counts]
side P [adc counts]

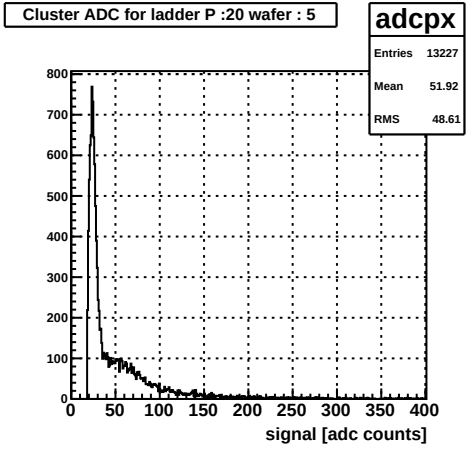

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 9331
Mean 60.92
RMS 55.49
signal [adc counts]

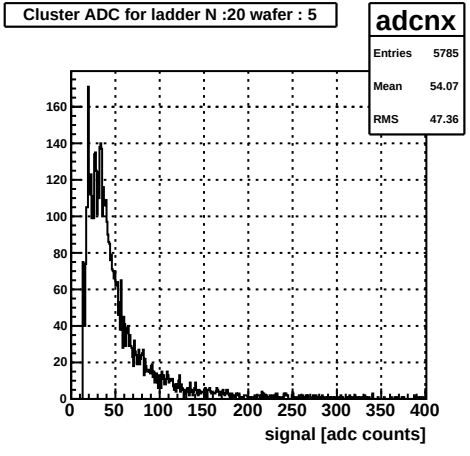

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 5694
Mean 50.12
RMS 49.06
signal [adc counts]

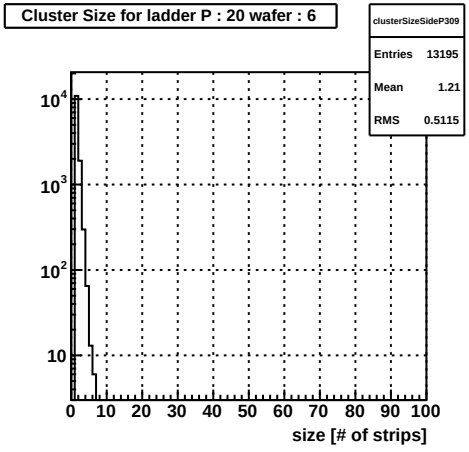

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 13227
Mean 1.162
RMS 0.451
size [# of strips]

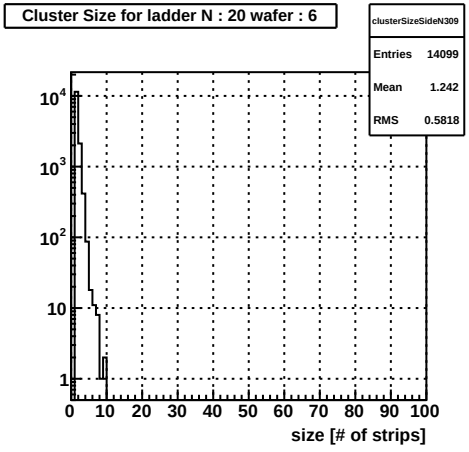

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 5785
Mean 1.366
RMS 0.7199
size [# of strips]

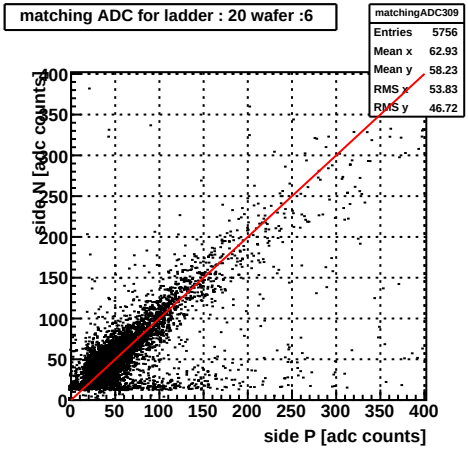

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 3576
Mean x 62.18
Mean y 52.48
RMS x 51.29
RMS y 42.86
side N [adc counts]
side P [adc counts]

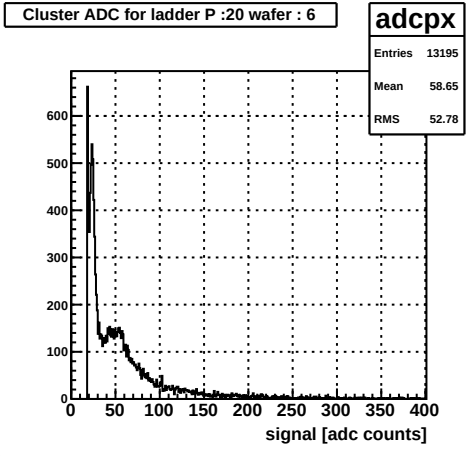

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 13227
Mean 51.92
RMS 48.61
signal [adc counts]

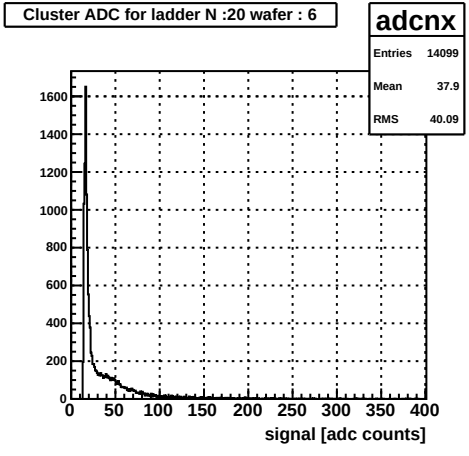

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 5785
Mean 54.07
RMS 47.36
signal [adc counts]

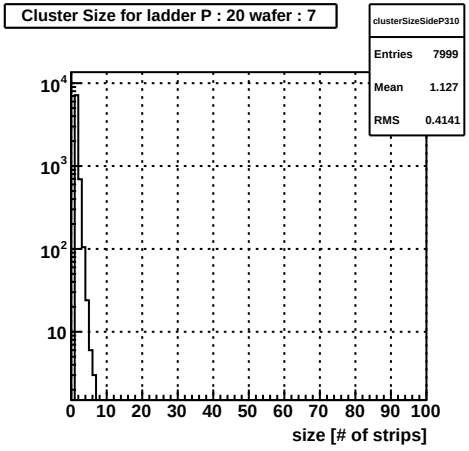

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 13195
Mean 1.21
RMS 0.5115
size [# of strips]

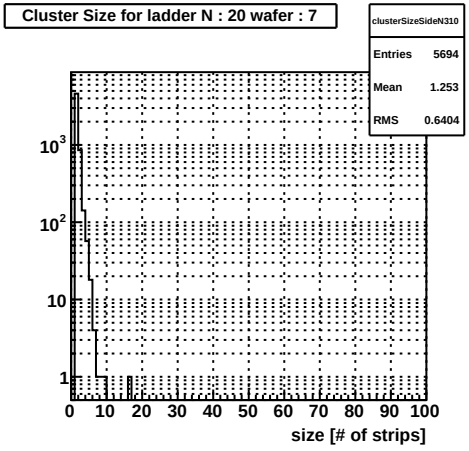

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 14099
Mean 1.242
RMS 0.5818
size [# of strips]

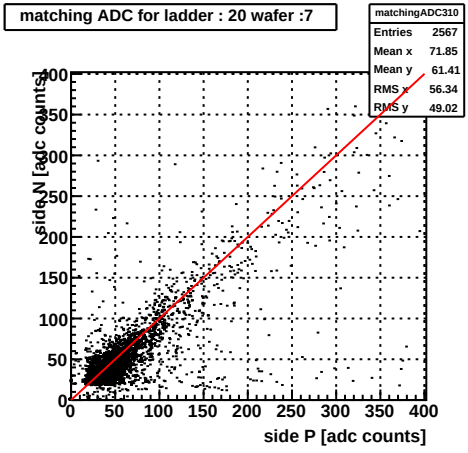

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 5756
Mean x 62.93
Mean y 58.23
RMS x 53.83
RMS y 46.72
side N [adc counts]
side P [adc counts]

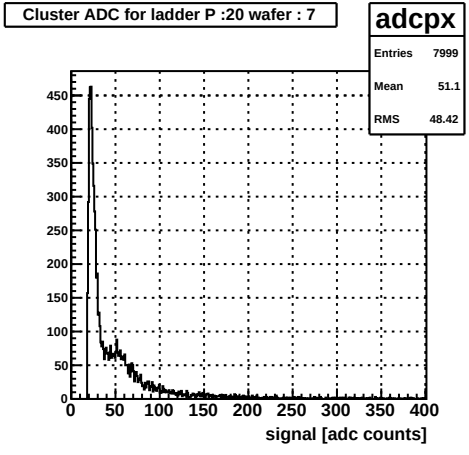

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 13195
Mean 58.65
RMS 52.78
signal [adc counts]

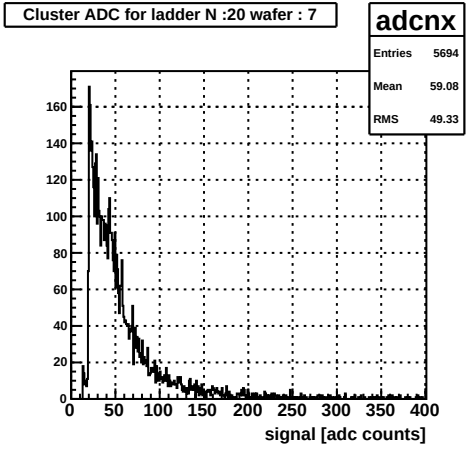

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 14099
Mean 37.9
RMS 40.09
signal [adc counts]

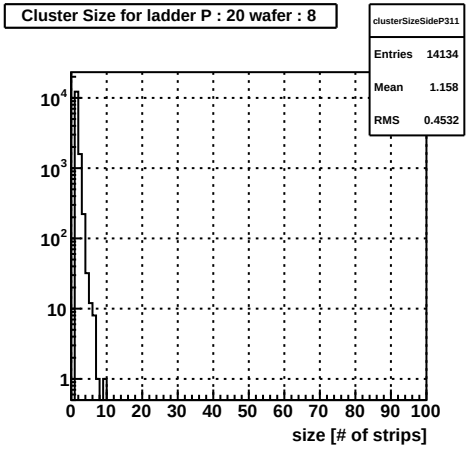

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 7999
Mean 1.127
RMS 0.4141
size [# of strips]

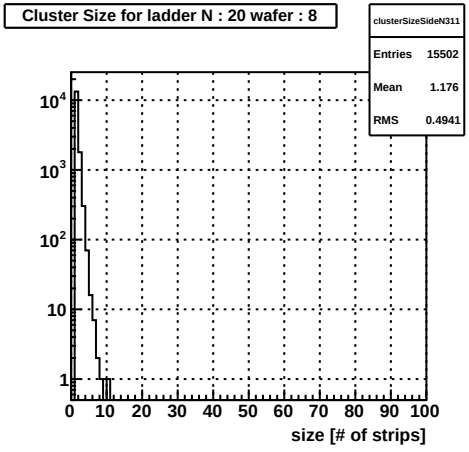

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 5694
Mean 1.253
RMS 0.6404
size [# of strips]

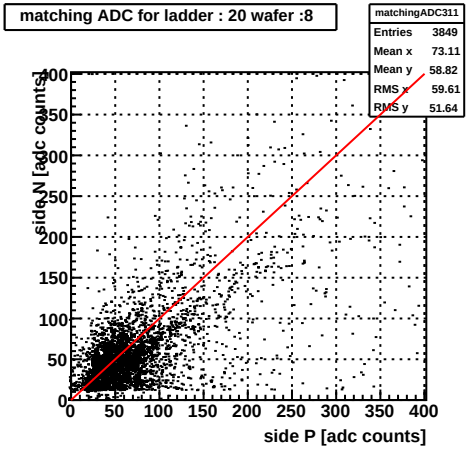

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 2567
Mean x 71.85
Mean y 61.41
RMS x 56.34
RMS y 49.02
side N [adc counts]
side P [adc counts]

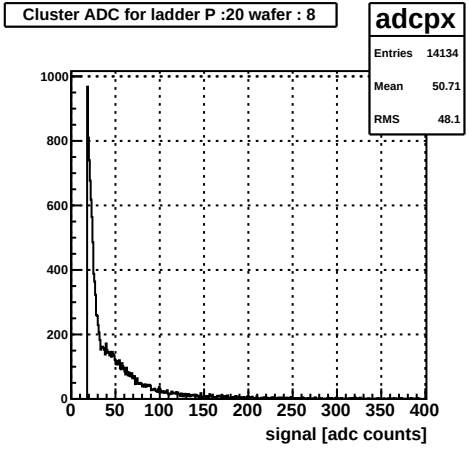

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 7999
Mean 51.1
RMS 48.42
signal [adc counts]

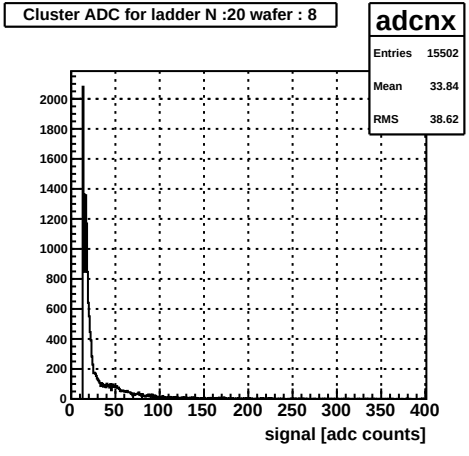

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 5694
Mean 59.08
RMS 49.33
signal [adc counts]

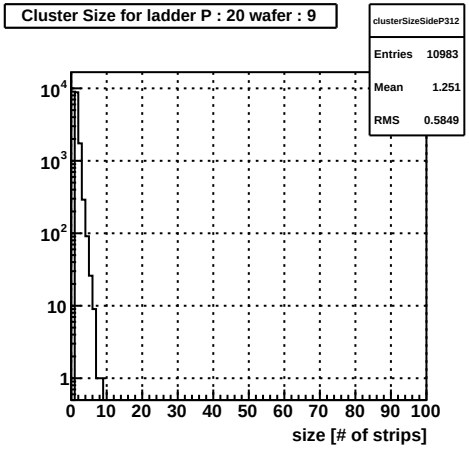

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 14134
Mean 1.158
RMS 0.4532
size [# of strips]

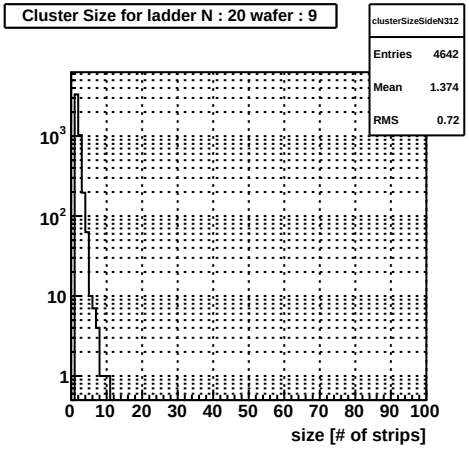

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 15502
Mean 1.176
RMS 0.4941
size [# of strips]

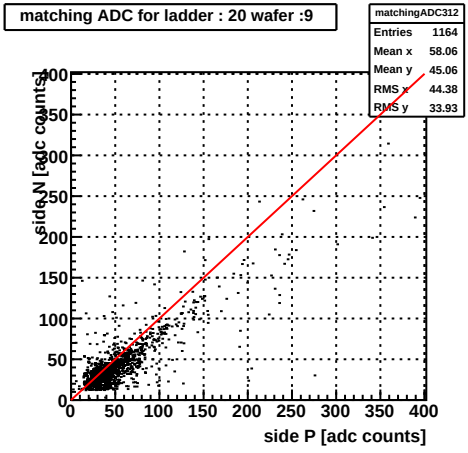

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 3849
Mean x 73.11
Mean y 58.82
RMS x 59.61
RMS y 51.64
side N [adc counts]
side P [adc counts]

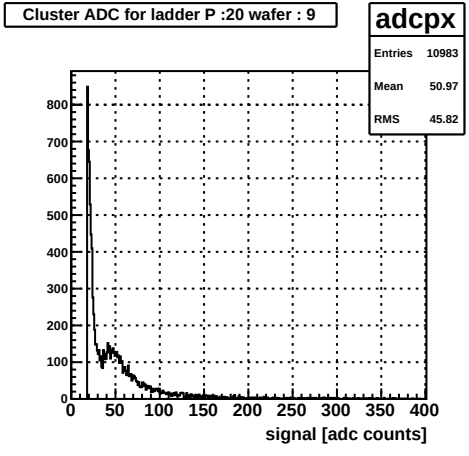

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 14134
Mean 50.71
RMS 48.1
signal [adc counts]

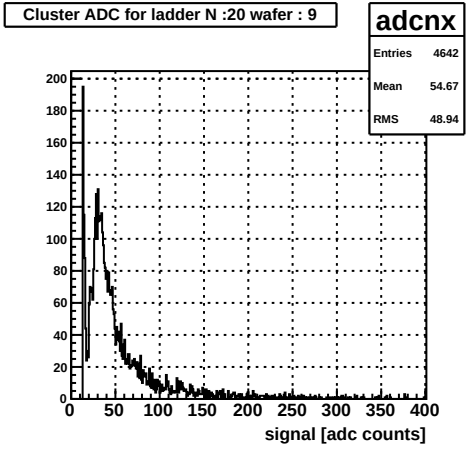

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 15502
Mean 33.84
RMS 38.62
signal [adc counts]

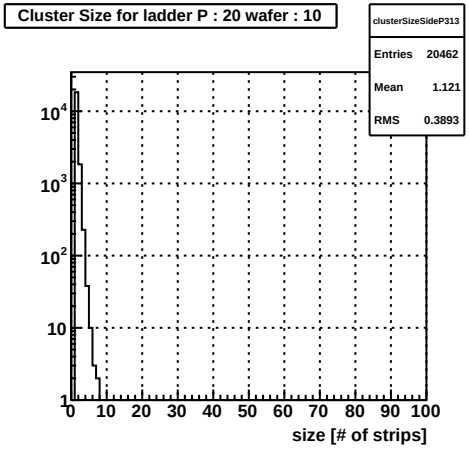

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 10983
Mean 1.251
RMS 0.5849
size [# of strips]

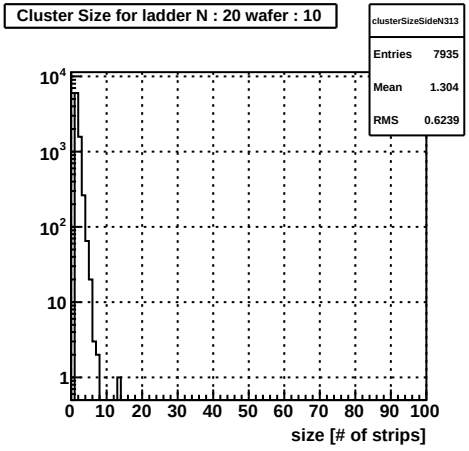

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 4642
Mean 1.374
RMS 0.72
size [# of strips]

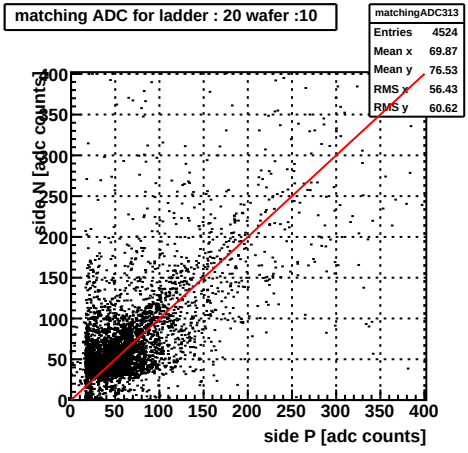

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1164
Mean x 58.06
Mean y 45.06
RMS x 44.38
RMS y 33.93
side N [adc counts]
side P [adc counts]

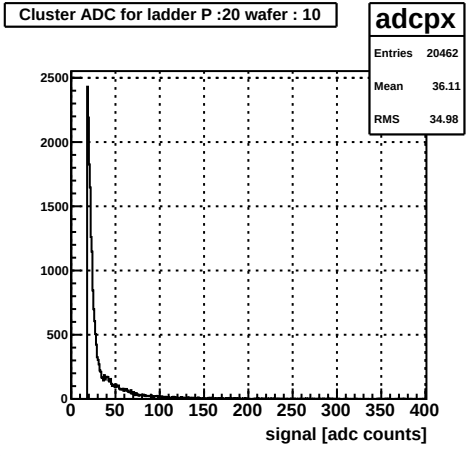

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 10983
Mean 50.97
RMS 45.82
signal [adc counts]

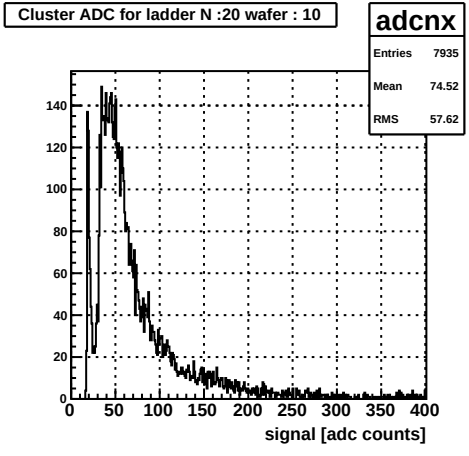

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 4642
Mean 54.67
RMS 48.94
signal [adc counts]

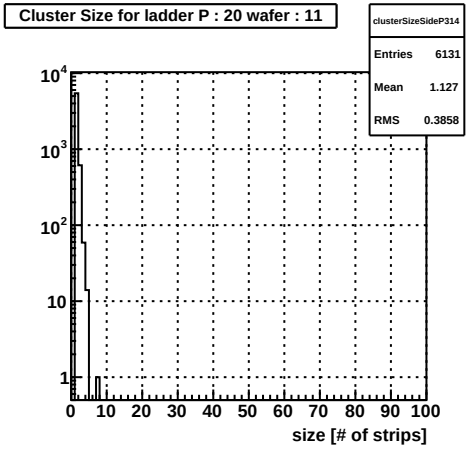

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 20462
Mean 1.121
RMS 0.3893
size [# of strips]

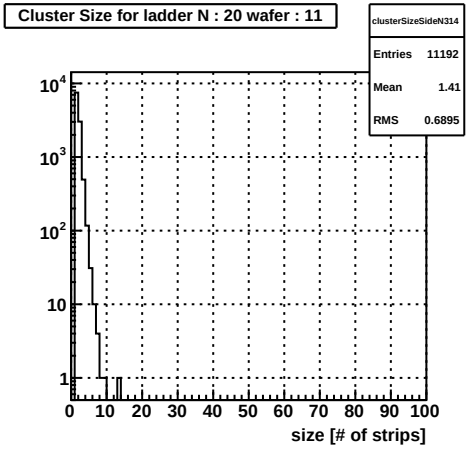

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7935
Mean 1.304
RMS 0.6239
size [# of strips]

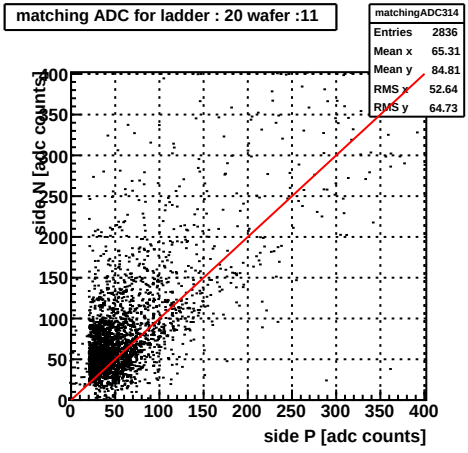

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 4524
Mean x 69.87
Mean y 76.53
RMS x 56.43
RMS y 60.62
side N [adc counts]
side P [adc counts]

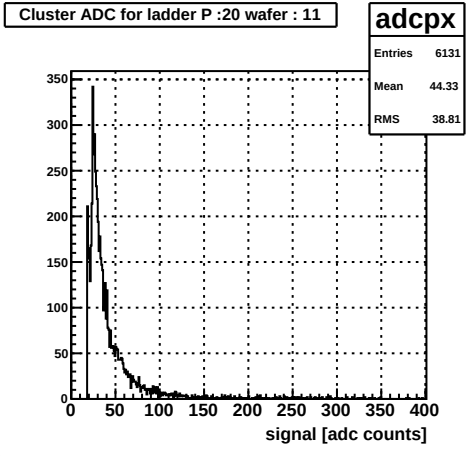

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 20462
Mean 36.11
RMS 34.98
signal [adc counts]

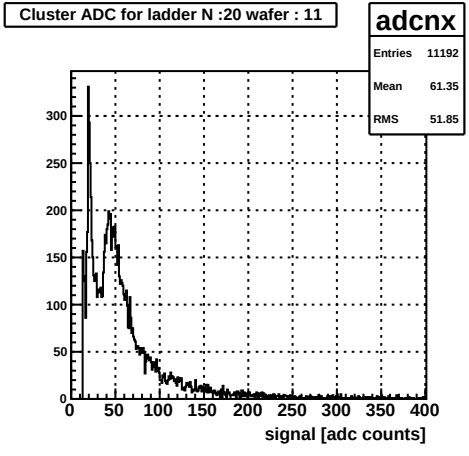

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7935
Mean 74.52
RMS 57.62
signal [adc counts]

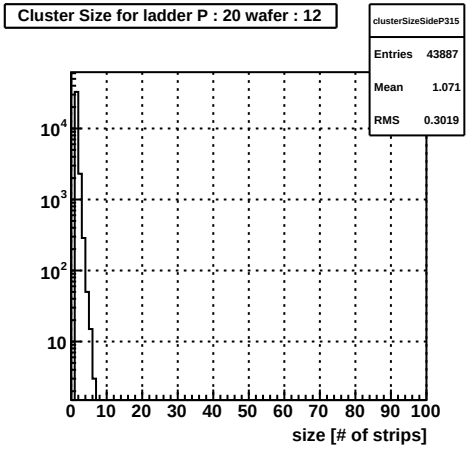

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 6131
Mean 1.127
RMS 0.3858
size [# of strips]

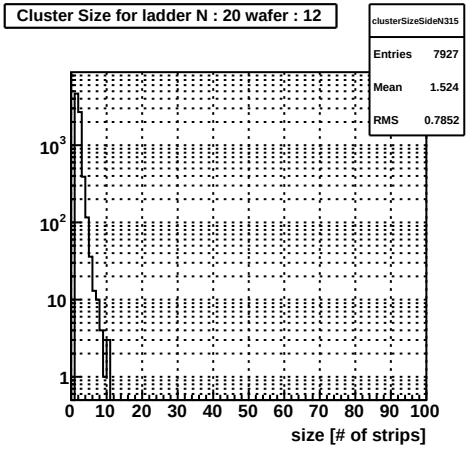

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 11192
Mean 1.41
RMS 0.6895
size [# of strips]

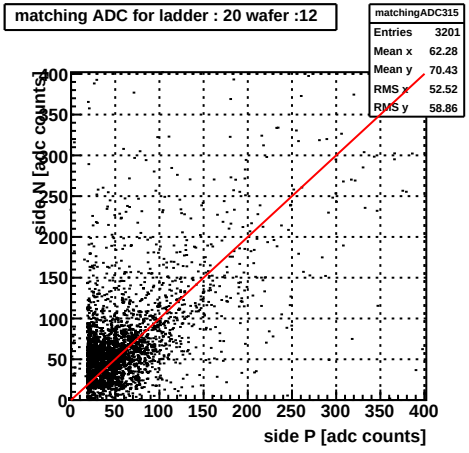

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2836
Mean x 65.31
Mean y 84.81
RMS x 52.64
RMS y 64.73
side N [adc counts]
side P [adc counts]

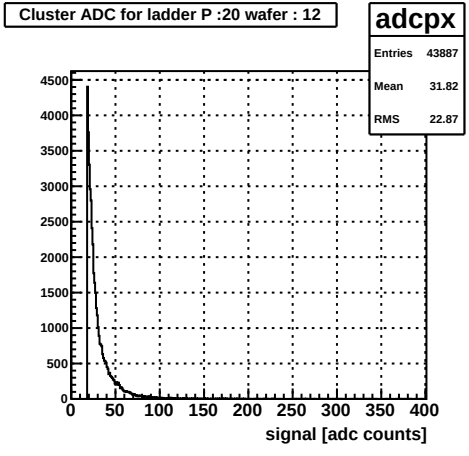

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 6131
Mean 44.33
RMS 38.81
signal [adc counts]

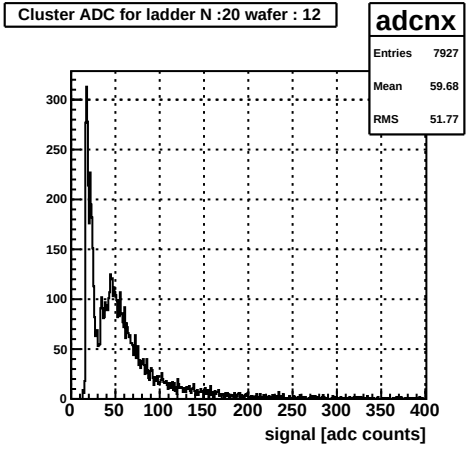

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 11192
Mean 61.35
RMS 51.85
signal [adc counts]

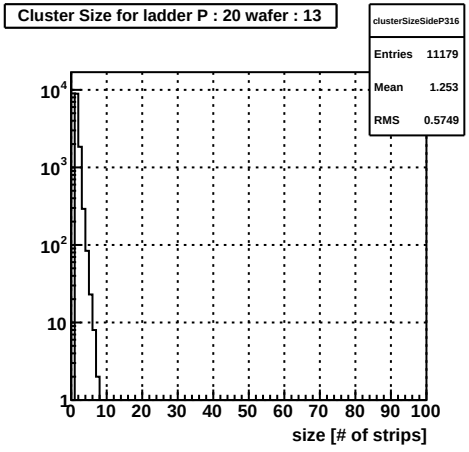

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 43887
Mean 1.071
RMS 0.3019
size [# of strips]

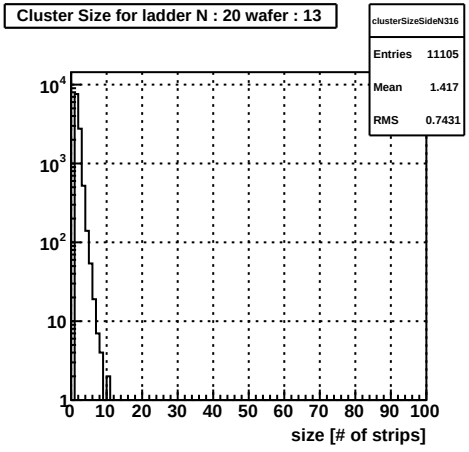

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 7927
Mean 1.524
RMS 0.7852
size [# of strips]

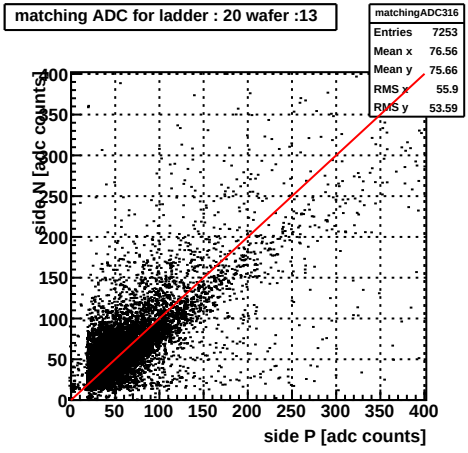

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 3201
Mean x 62.28
Mean y 70.43
RMS x 52.52
RMS y 58.86
side N [adc counts]
side P [adc counts]

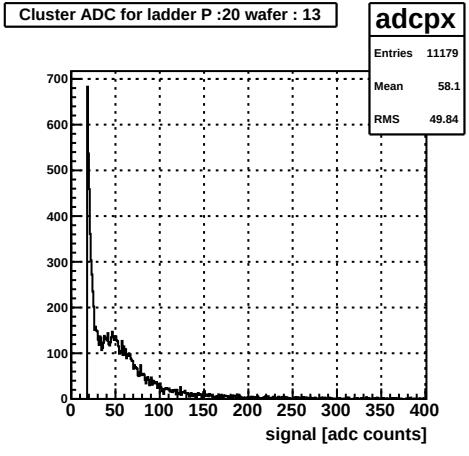

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 43887
Mean 31.82
RMS 22.87
signal [adc counts]

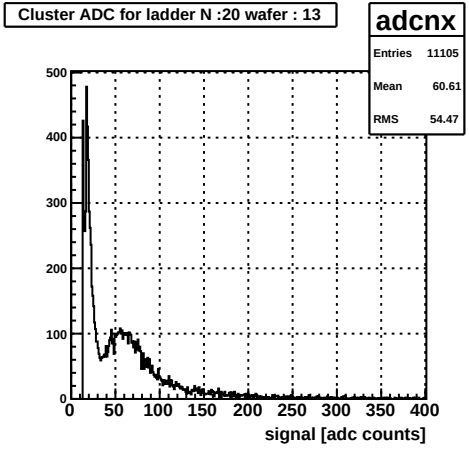

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 7927
Mean 59.68
RMS 51.77
signal [adc counts]

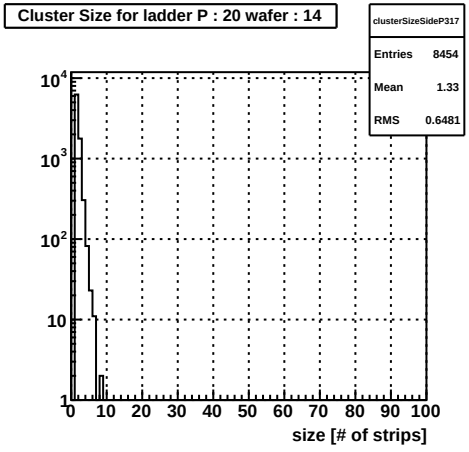

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 11179
Mean 1.253
RMS 0.5749
size [# of strips]

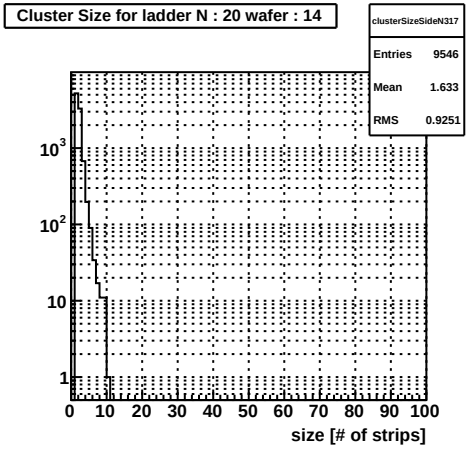

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 11105
Mean 1.417
RMS 0.7431
size [# of strips]

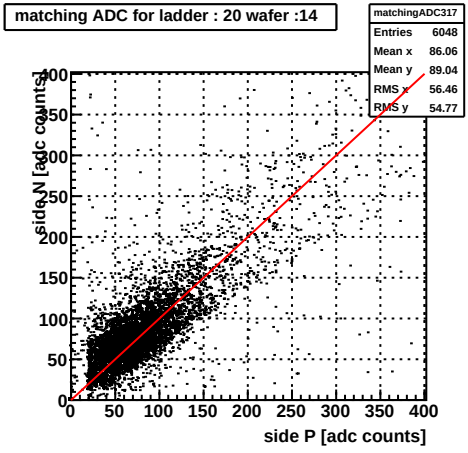

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 7253
Mean x 76.56
Mean y 75.66
RMS x 55.9
RMS y 53.59
side N [adc counts]
side P [adc counts]

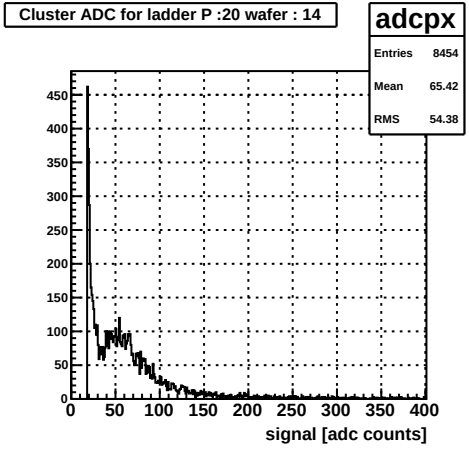

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 11179
Mean 58.1
RMS 49.84
signal [adc counts]

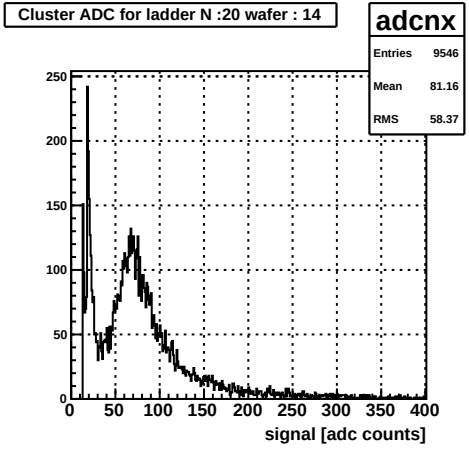

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 11105
Mean 60.61
RMS 54.47
signal [adc counts]

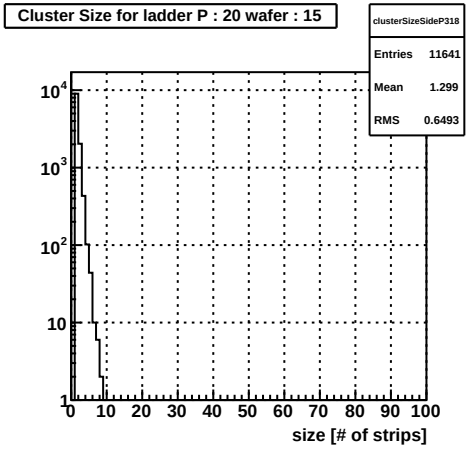

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 8454
Mean 1.33
RMS 0.6481
size [# of strips]

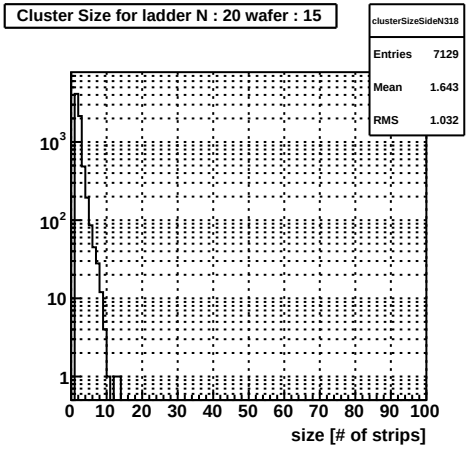

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 9546
Mean 1.633
RMS 0.9251
size [# of strips]

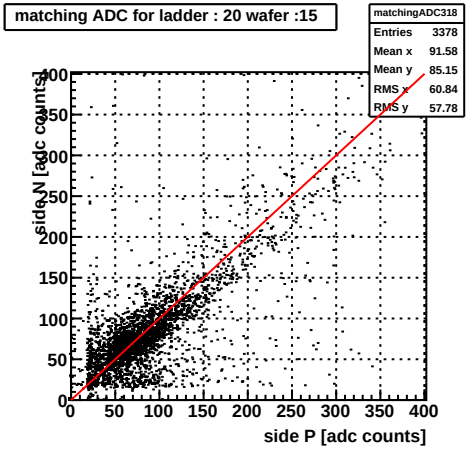

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 6048
Mean x 86.06
Mean y 89.04
RMS x 56.46
RMS y 54.77
side N [adc counts]
side P [adc counts]

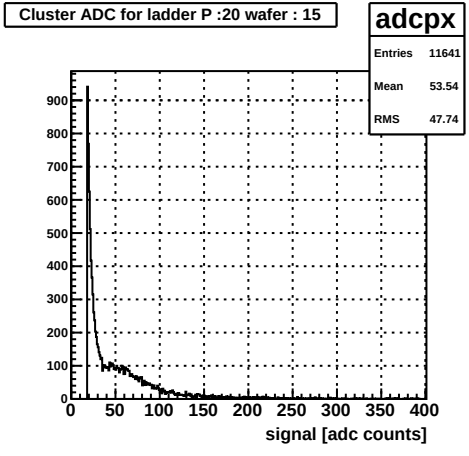

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 8454
Mean 65.42
RMS 54.38
signal [adc counts]

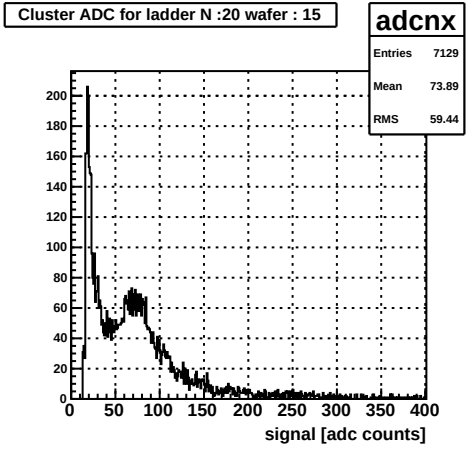

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 9546
Mean 81.16
RMS 58.37
signal [adc counts]

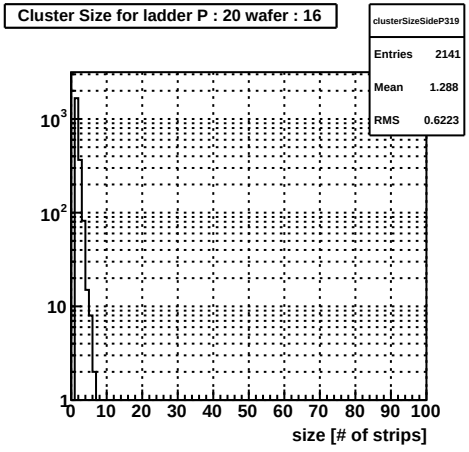

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 11641
Mean 1.299
RMS 0.6493
size [# of strips]

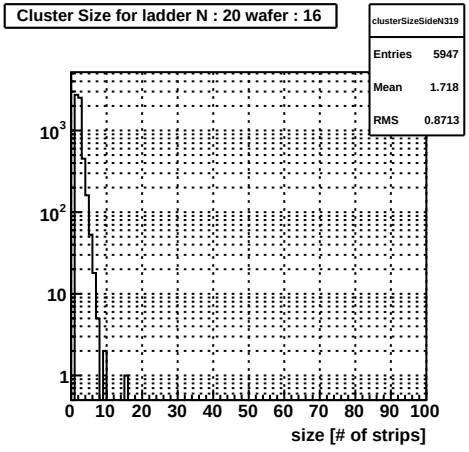

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 7129
Mean 1.643
RMS 1.032
size [# of strips]

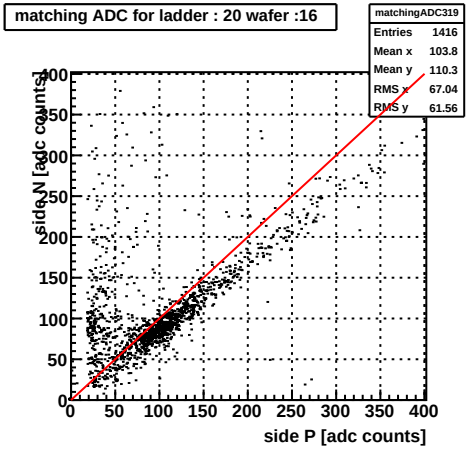

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 3378
Mean x 91.58
Mean y 85.15
RMS x 60.84
RMS y 57.78
side N [adc counts]
side P [adc counts]

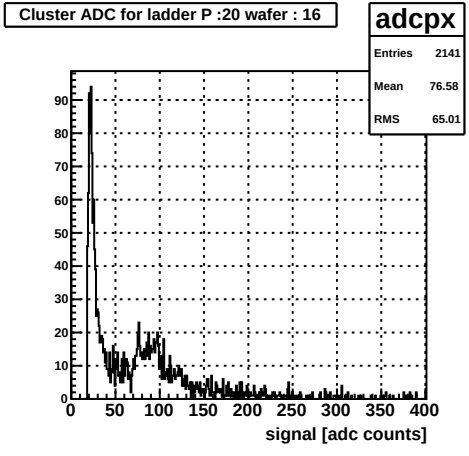

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 11641
Mean 53.54
RMS 47.74
signal [adc counts]

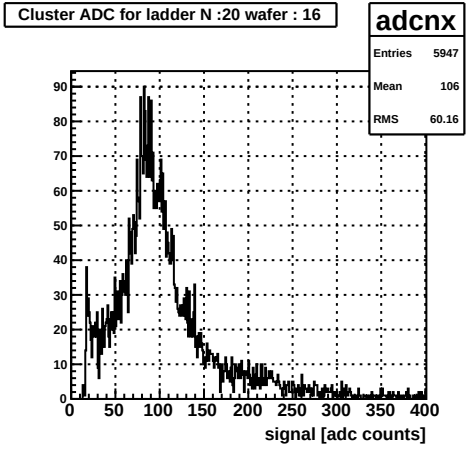

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 7129
Mean 73.89
RMS 59.44
signal [adc counts]

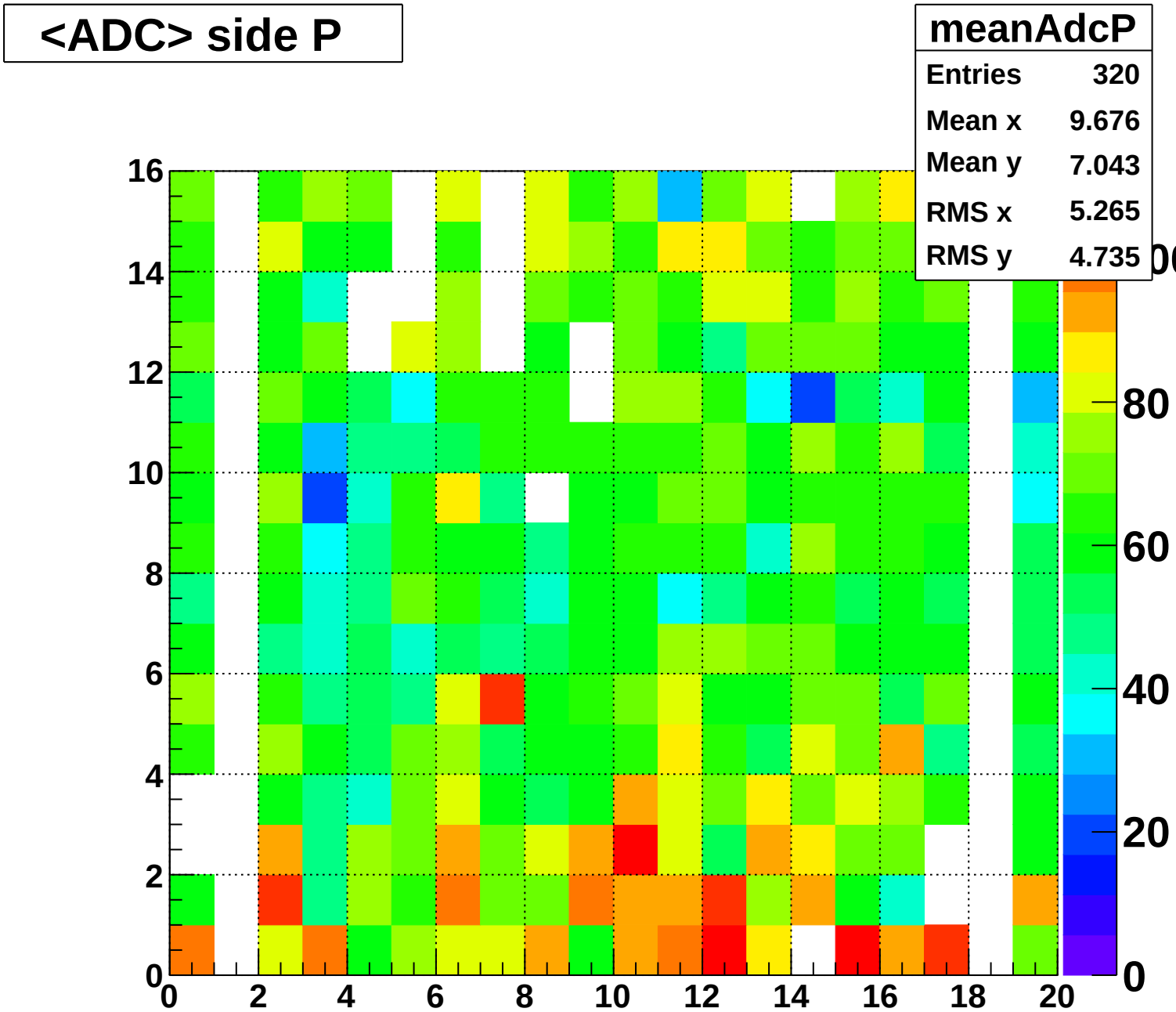

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2141
Mean 1.288
RMS 0.6223
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 5947
Mean 1.718
RMS 0.8713
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 1416
Mean x 103.8
Mean y 110.3
RMS x 67.04
RMS y 61.56
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2141
Mean 76.58
RMS 65.01
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 5947
Mean 106
RMS 60.16
signal [adc counts]



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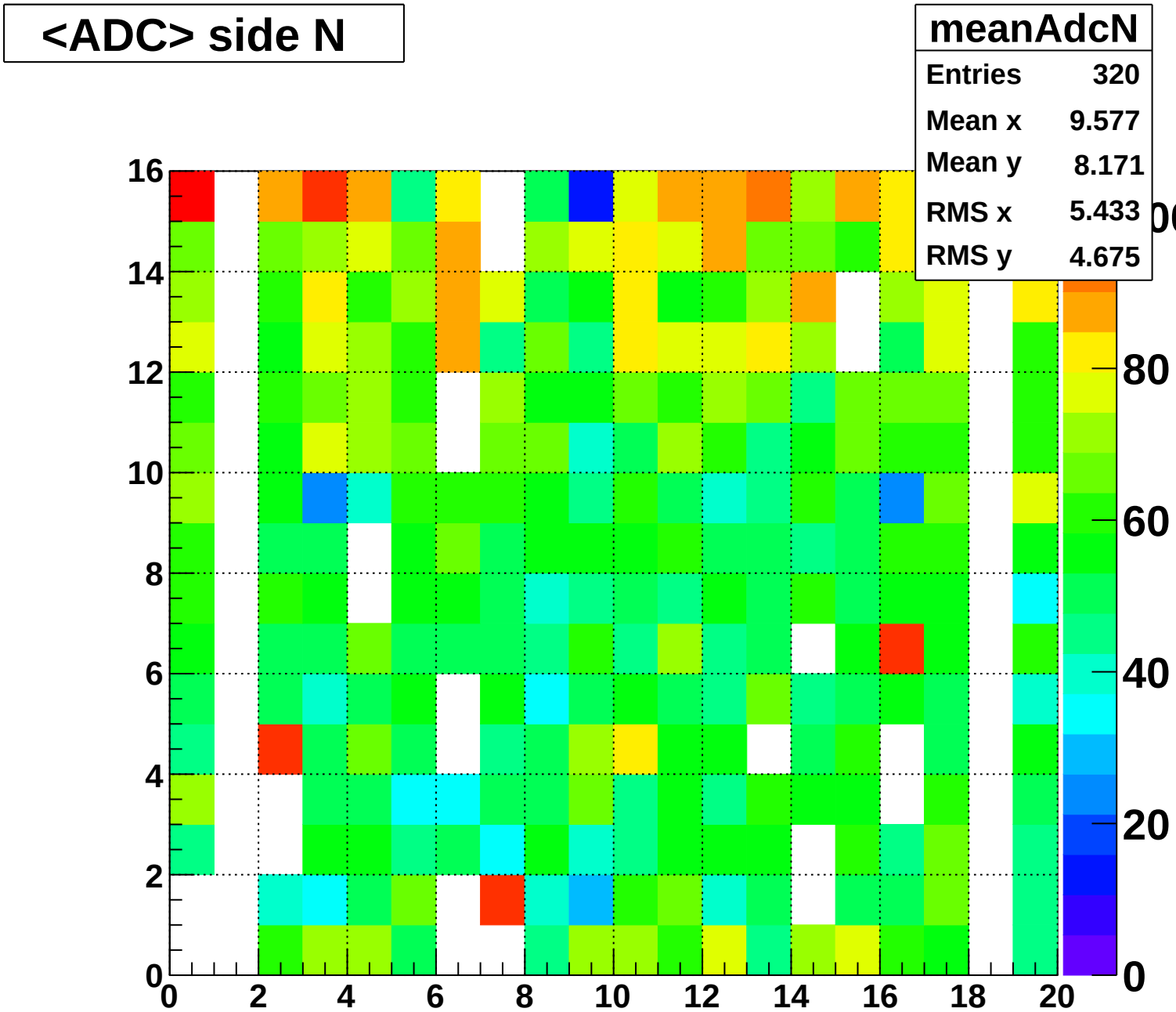

2016-06-18 13:46:25