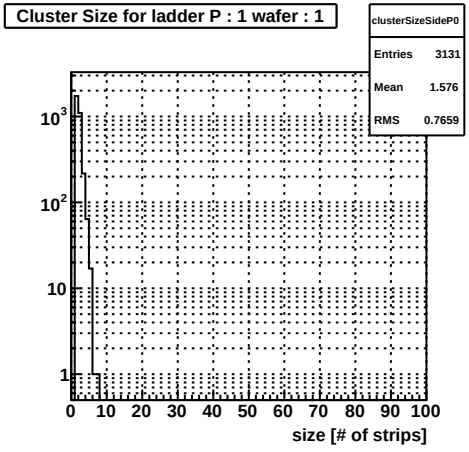
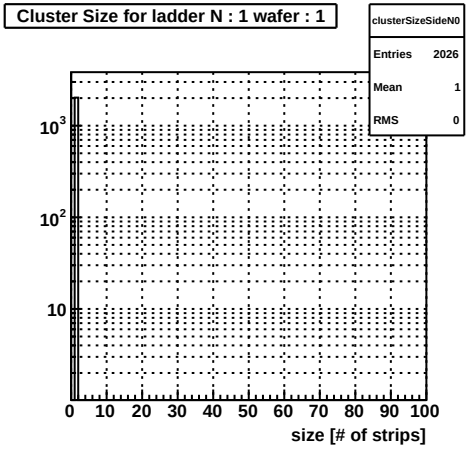
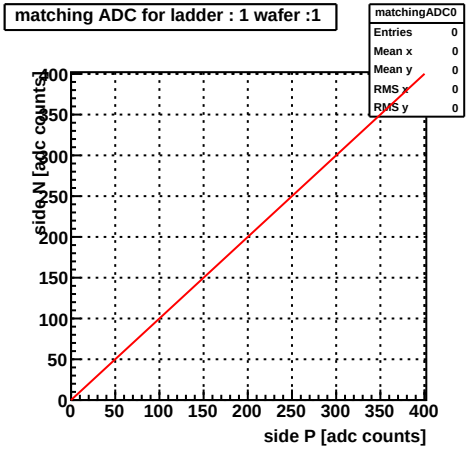
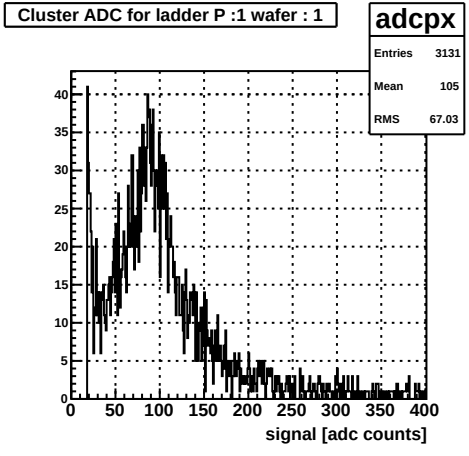
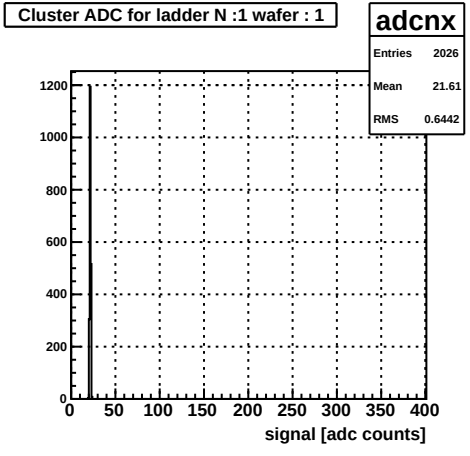
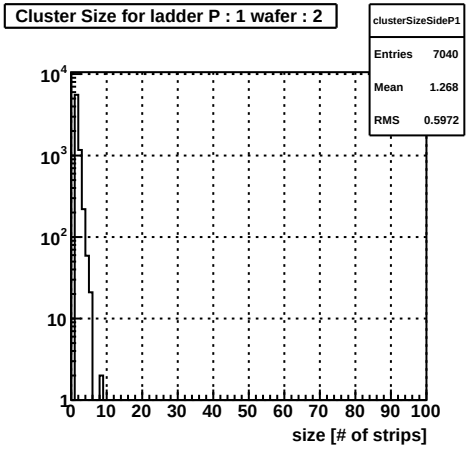

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 3131
Mean 1.576
RMS 0.7659
size [# of strips]

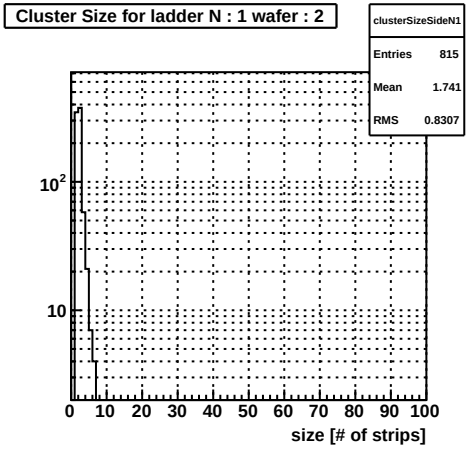

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2026
Mean 1
RMS 0
size [# of strips]

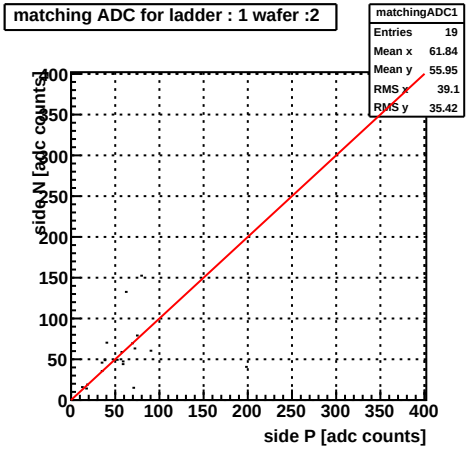

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

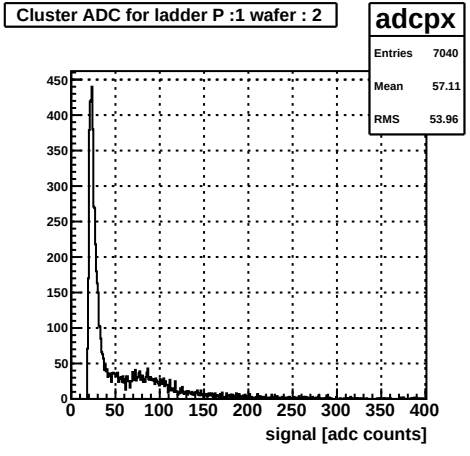

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 3131
Mean 105
RMS 67.03
signal [adc counts]

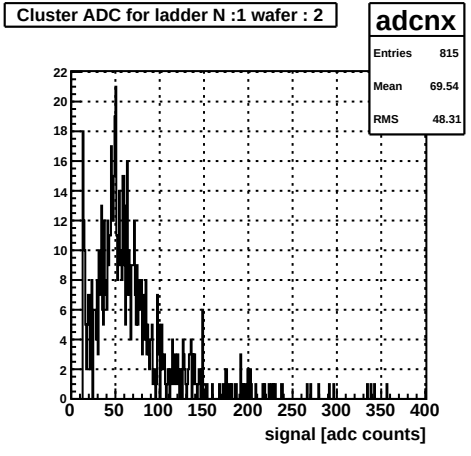

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2026
Mean 21.61
RMS 0.6442
signal [adc counts]

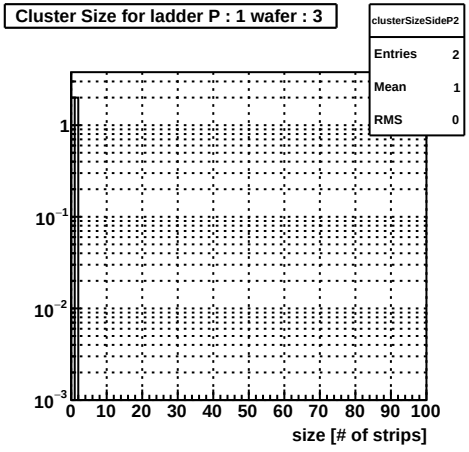

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 7040
Mean 1.268
RMS 0.5972
size [# of strips]

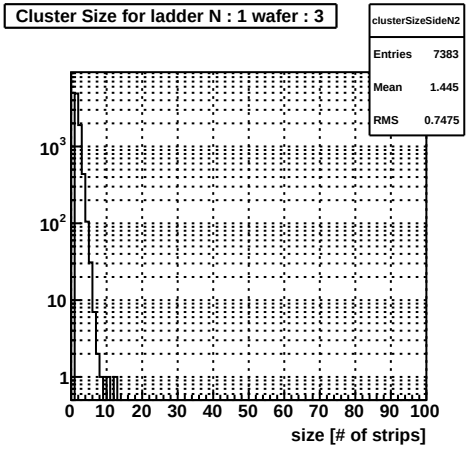

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 815
Mean 1.741
RMS 0.8307
size [# of strips]

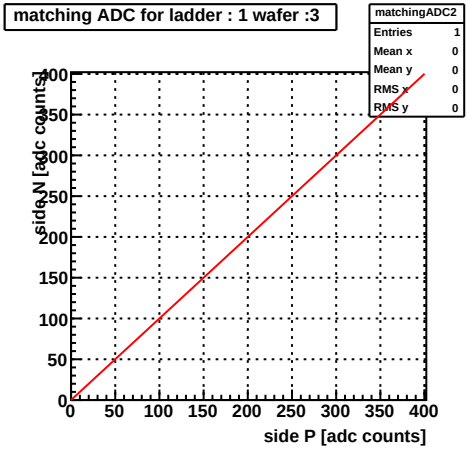

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 19
Mean x 61.84
Mean y 55.95
RMS x 39.1
RMS y 35.42
side N [adc counts]
side P [adc counts]

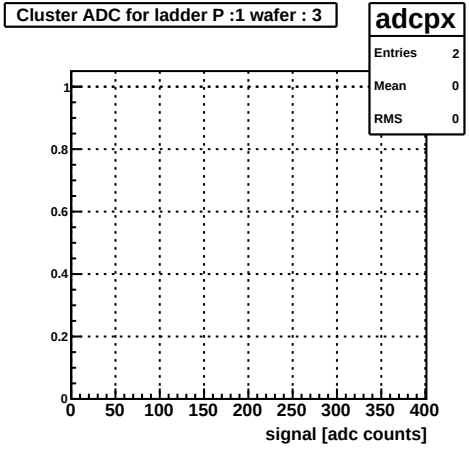

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 7040
Mean 57.11
RMS 53.96
signal [adc counts]

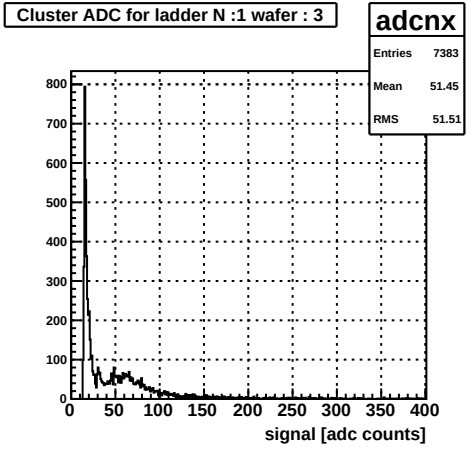

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 815
Mean 69.54
RMS 48.31
signal [adc counts]

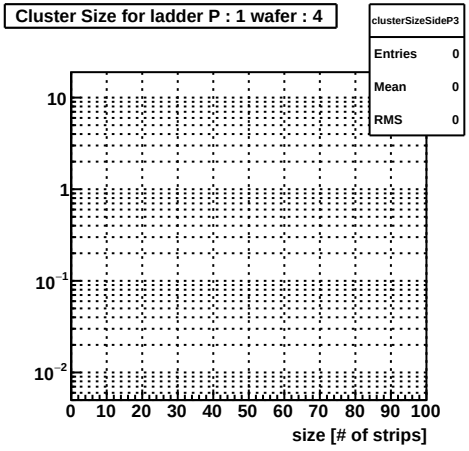

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

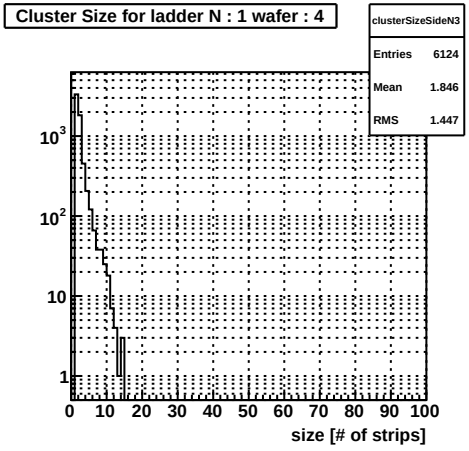

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 7383
Mean 1.445
RMS 0.7475
size [# of strips]

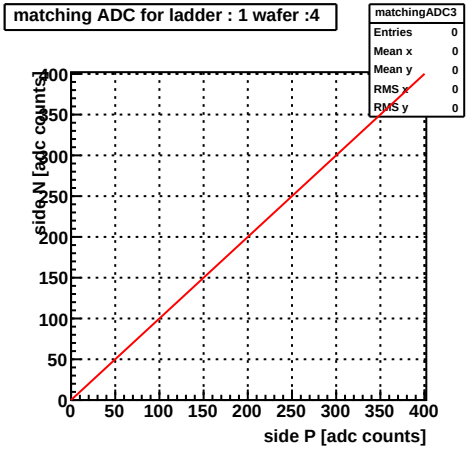

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

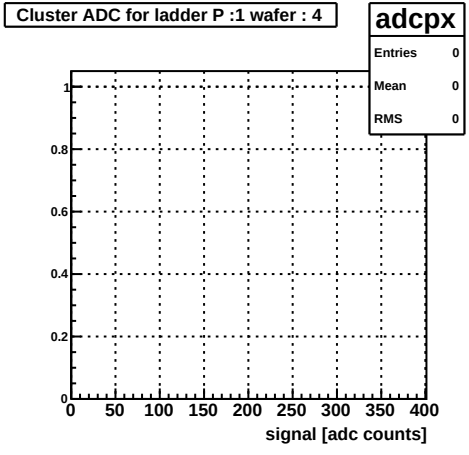

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

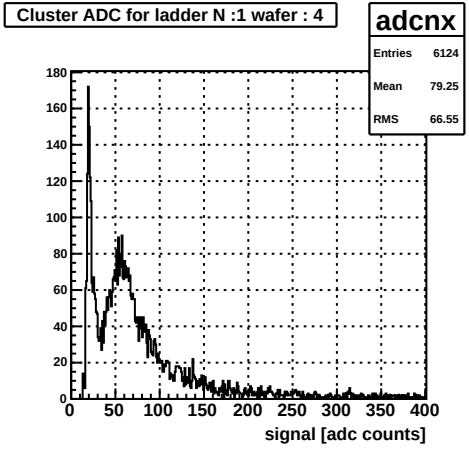

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 7383
Mean 51.45
RMS 51.51
signal [adc counts]

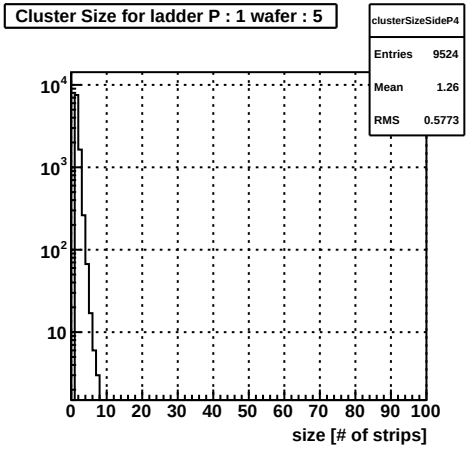

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

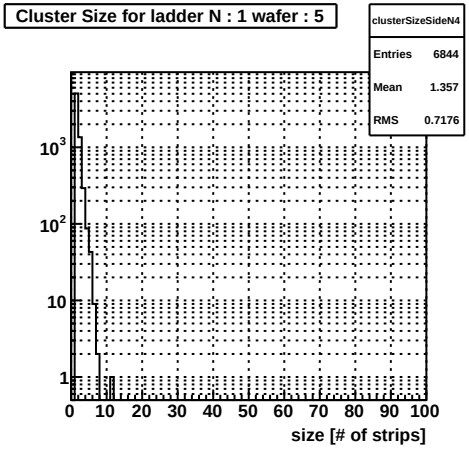

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 6124
Mean 1.846
RMS 1.447
size [# of strips]

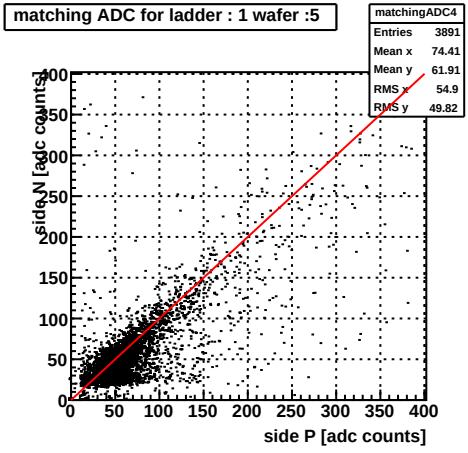

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

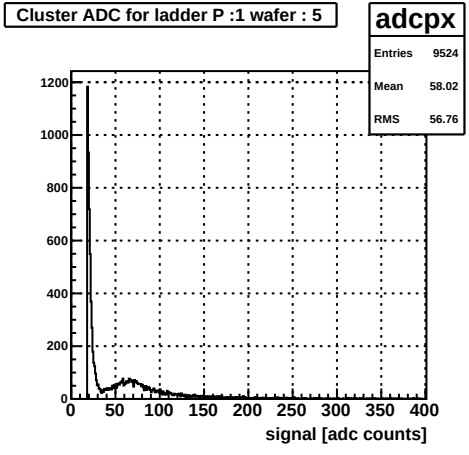

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

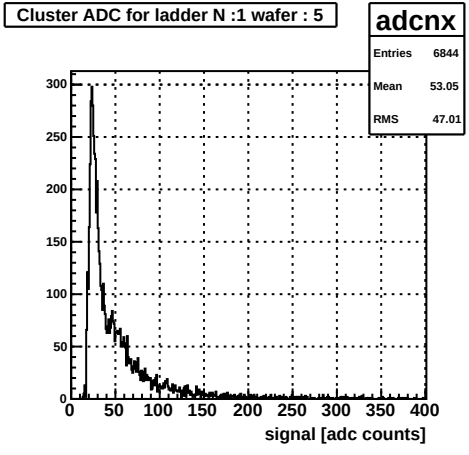

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 6124
Mean 79.25
RMS 66.55
signal [adc counts]

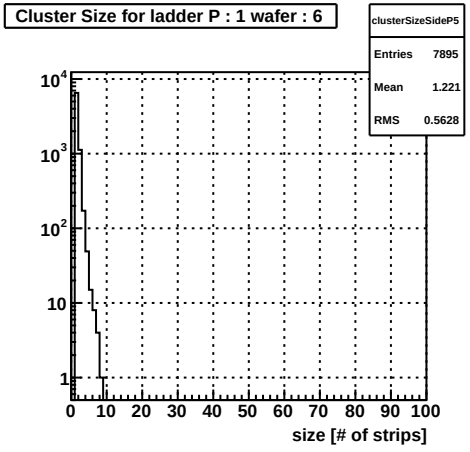

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 9524
Mean 1.26
RMS 0.5773
size [# of strips]

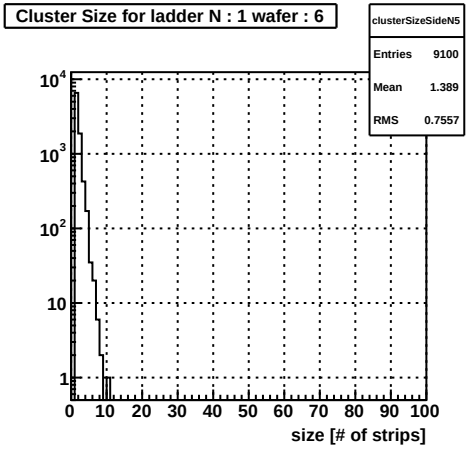

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 6844
Mean 1.357
RMS 0.7176
size [# of strips]

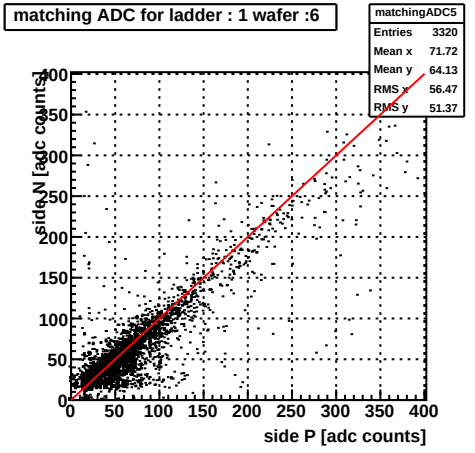

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 3891
Mean x 74.41
Mean y 61.91
RMS x 54.9
RMS y 49.82
side N [adc counts]
side P [adc counts]

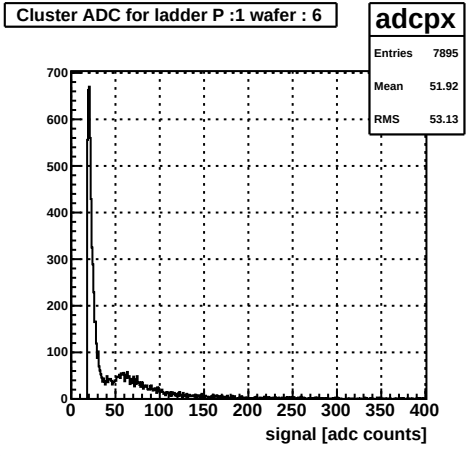

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 9524
Mean 58.02
RMS 56.76
signal [adc counts]

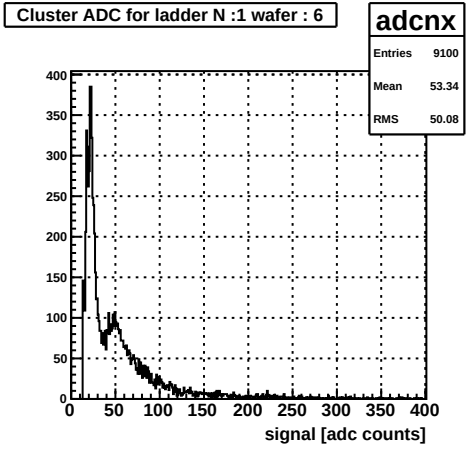

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 6844
Mean 53.05
RMS 47.01
signal [adc counts]

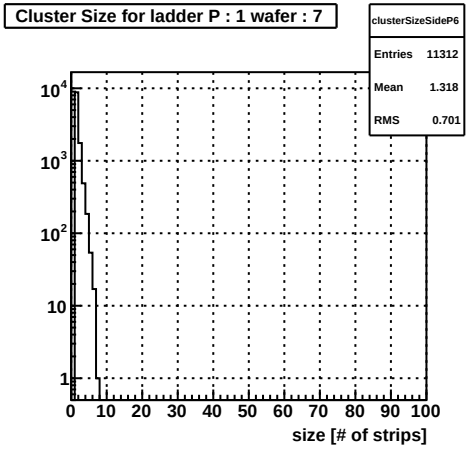

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7895
Mean 1.221
RMS 0.5628
size [# of strips]

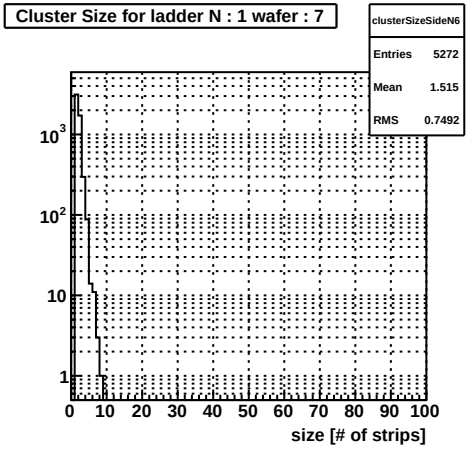

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 9100
Mean 1.389
RMS 0.7557
size [# of strips]

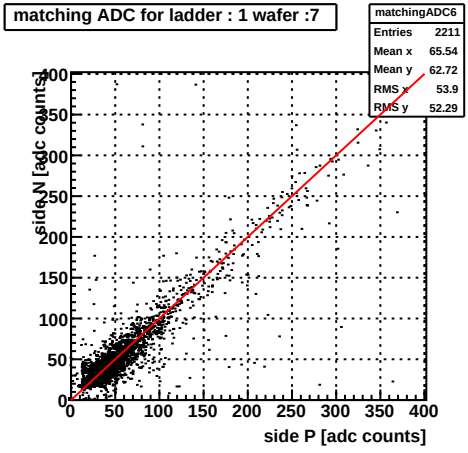

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 3320
Mean x 71.72
Mean y 64.13
RMS x 56.47
RMS y 51.37
side N [adc counts]
side P [adc counts]

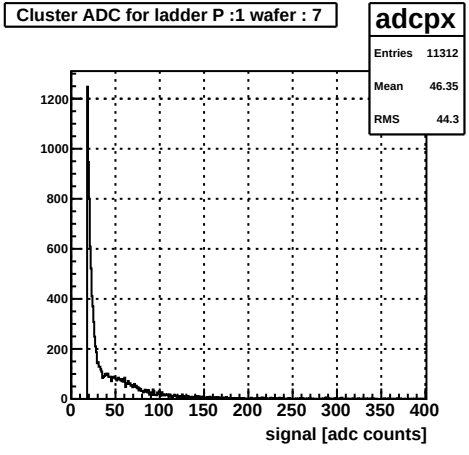

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7895
Mean 51.92
RMS 53.13
signal [adc counts]

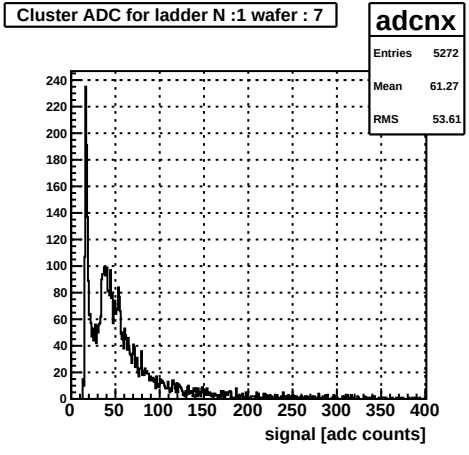

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 9100
Mean 53.34
RMS 50.08
signal [adc counts]

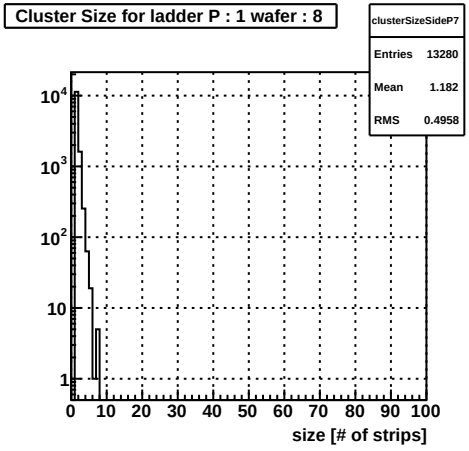

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 11312
Mean 1.318
RMS 0.701
size [# of strips]

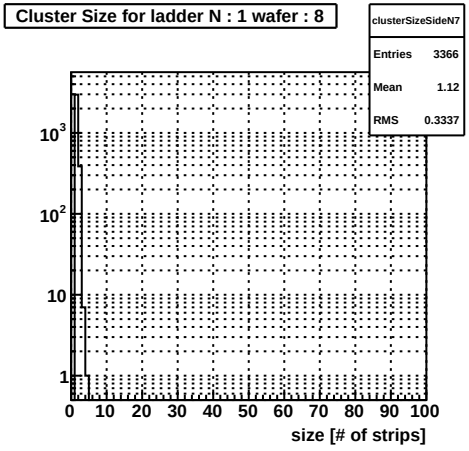

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 5272
Mean 1.515
RMS 0.7492
size [# of strips]

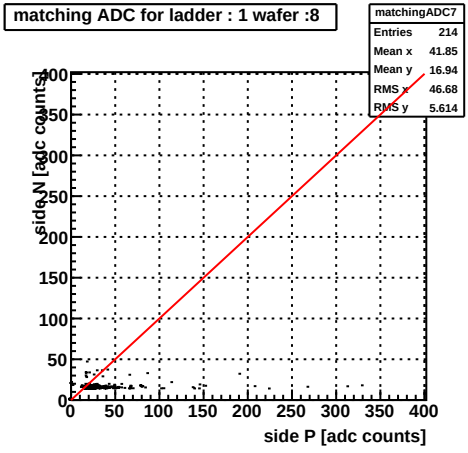

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 2211
Mean x 65.54
Mean y 62.72
RMS x 53.9
RMS y 52.29
side N [adc counts]
side P [adc counts]

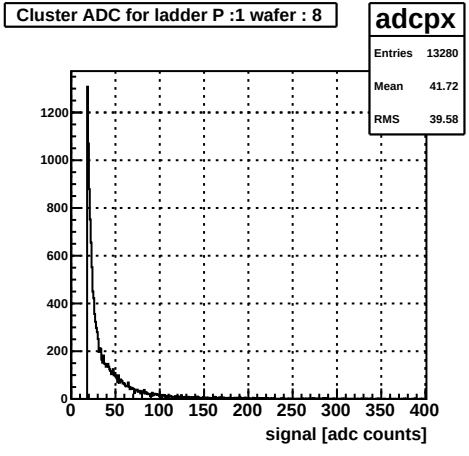

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 11312
Mean 46.35
RMS 44.3
signal [adc counts]

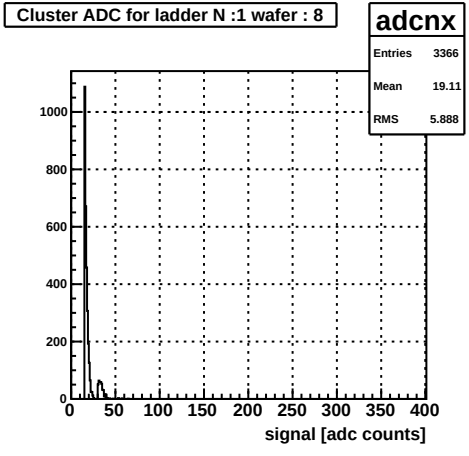

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 5272
Mean 61.27
RMS 53.61
signal [adc counts]

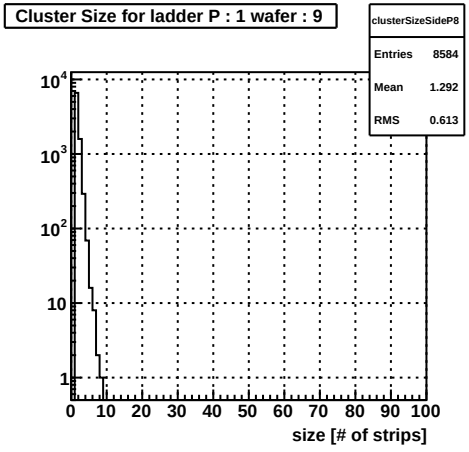

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 13280
Mean 1.182
RMS 0.4958
size [# of strips]

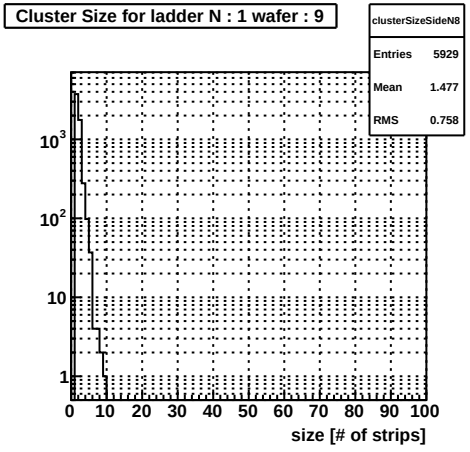

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3366
Mean 1.12
RMS 0.3337
size [# of strips]

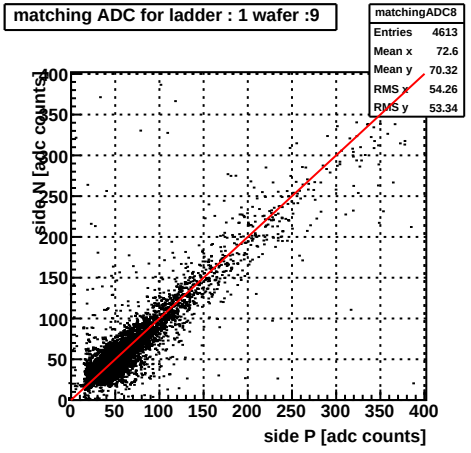

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 214
Mean x 41.85
Mean y 16.94
RMS x 46.68
RMS y 5.614
side N [adc counts]
side P [adc counts]

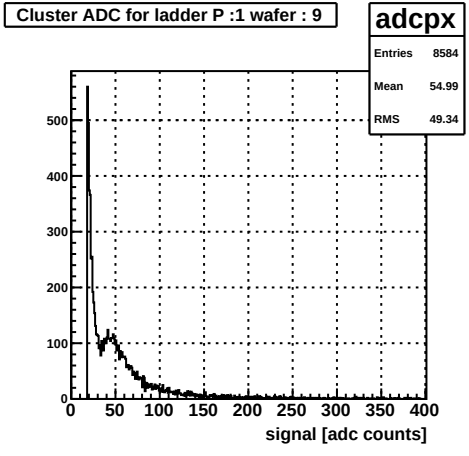

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 13280
Mean 41.72
RMS 39.58
signal [adc counts]

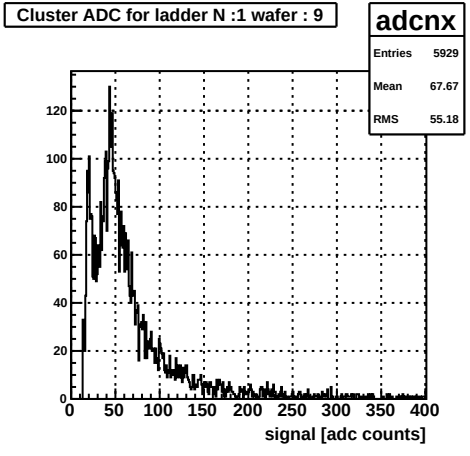

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3366
Mean 19.11
RMS 5.888
signal [adc counts]

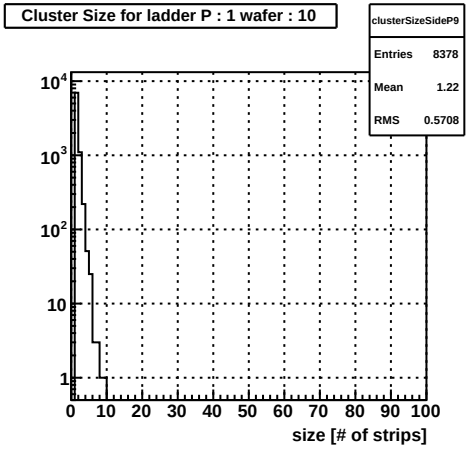

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 8584
Mean 1.292
RMS 0.613
size [# of strips]

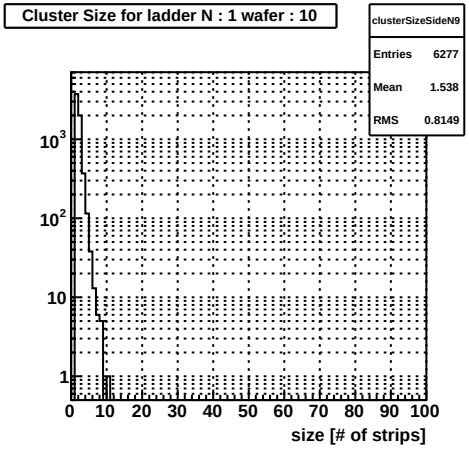

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 5929
Mean 1.477
RMS 0.758
size [# of strips]

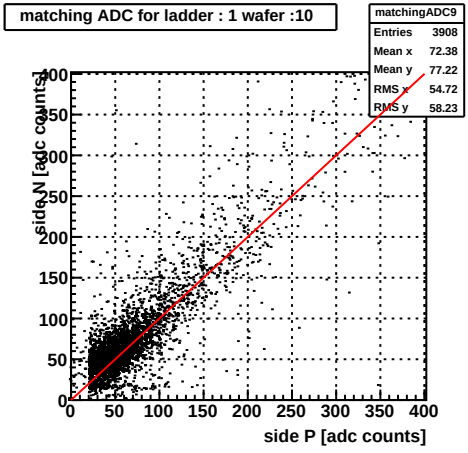

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 4613
Mean x 72.6
Mean y 70.32
RMS x 54.26
RMS y 53.34
side N [adc counts]
side P [adc counts]

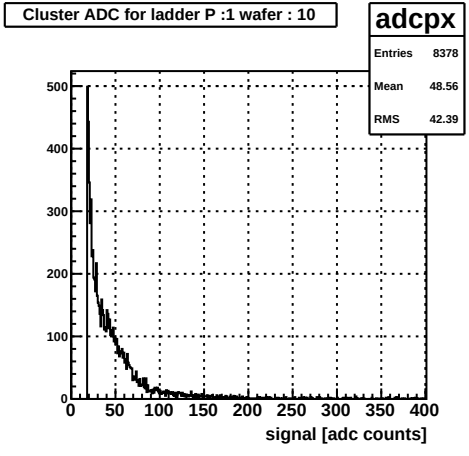

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 8584
Mean 54.99
RMS 49.34
signal [adc counts]

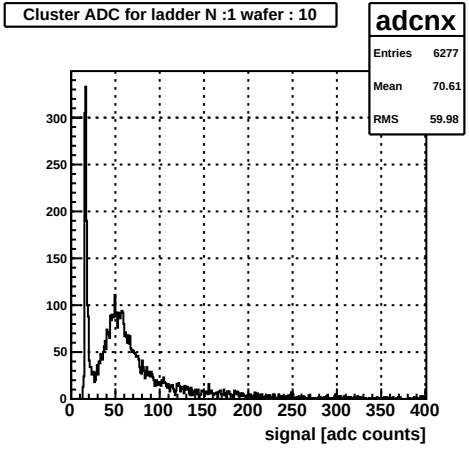

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 5929
Mean 67.67
RMS 55.18
signal [adc counts]

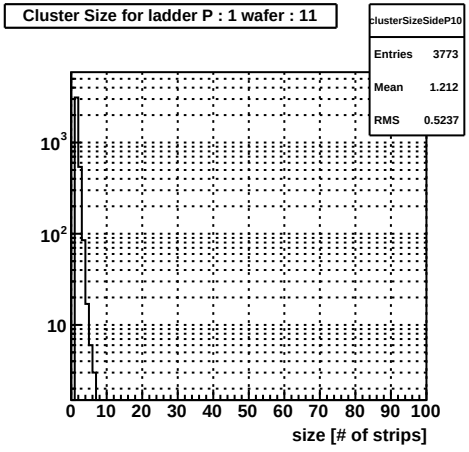

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 8378
Mean 1.22
RMS 0.5708
size [# of strips]

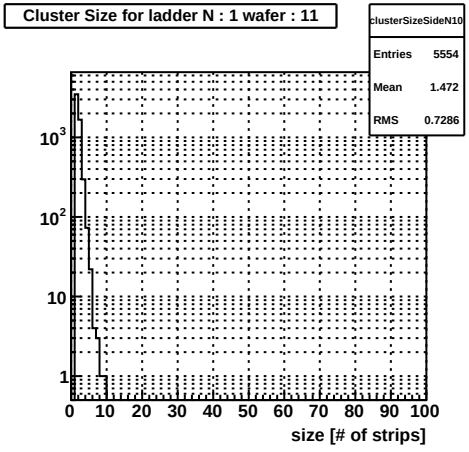

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 6277
Mean 1.538
RMS 0.8149
size [# of strips]

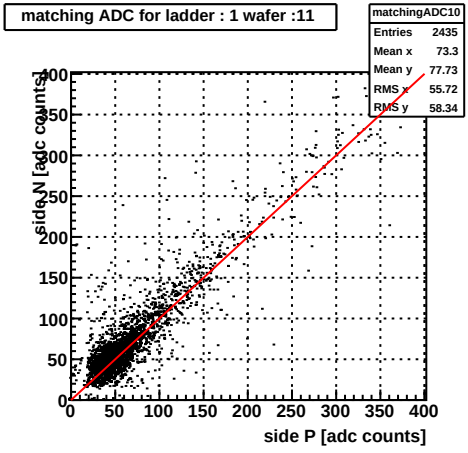

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 3908
Mean x 72.38
Mean y 77.22
RMS x 54.72
RMS y 58.23
side N [adc counts]
side P [adc counts]

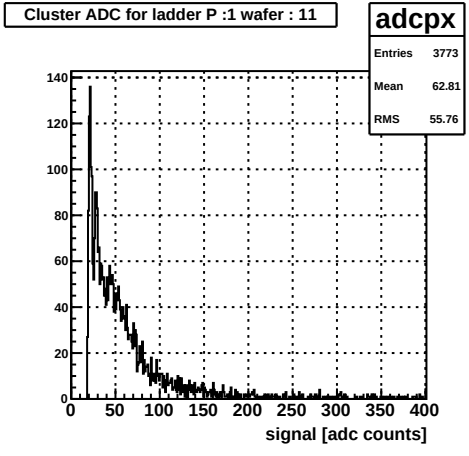

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 8378
Mean 48.56
RMS 42.39
signal [adc counts]

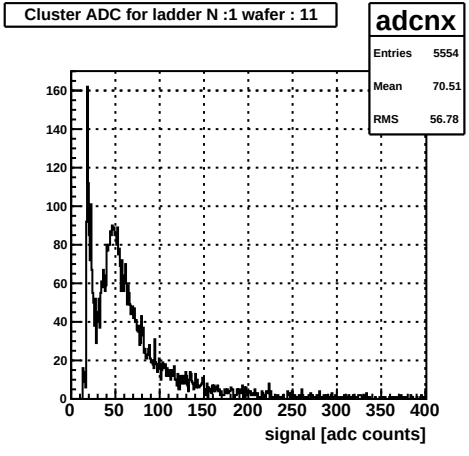

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 6277
Mean 70.61
RMS 59.98
signal [adc counts]

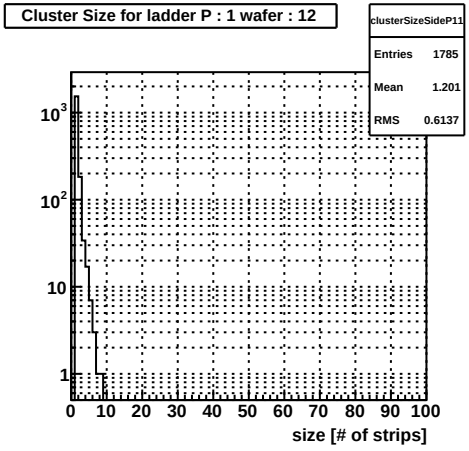

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 3773
Mean 1.212
RMS 0.5237
size [# of strips]

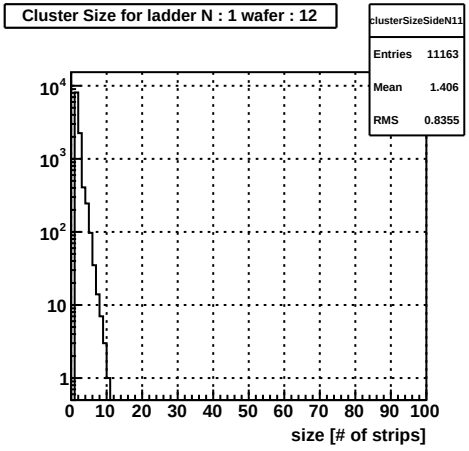

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 5554
Mean 1.472
RMS 0.7286
size [# of strips]

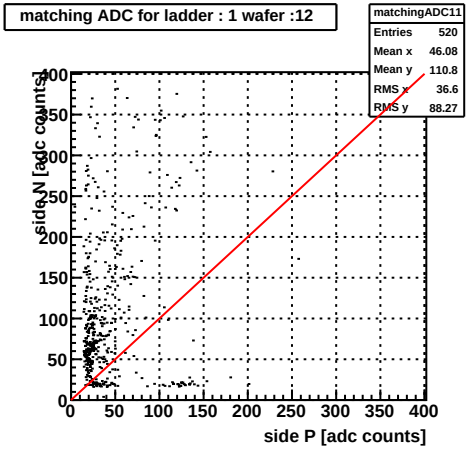

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 2435
Mean x 73.3
Mean y 77.73
RMS x 55.72
RMS y 58.34
side N [adc counts]
side P [adc counts]

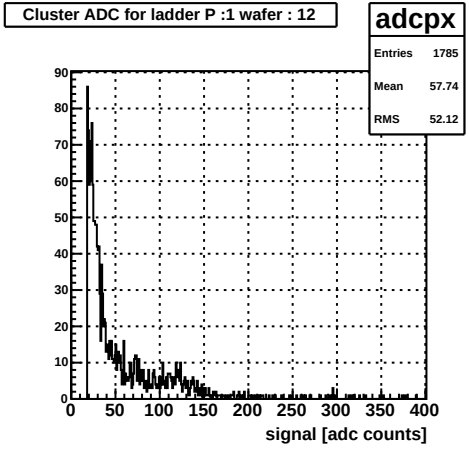

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 3773
Mean 62.81
RMS 55.76
signal [adc counts]

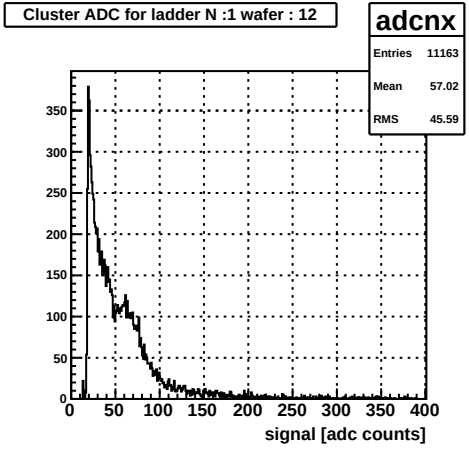

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 5554
Mean 70.51
RMS 56.78
signal [adc counts]

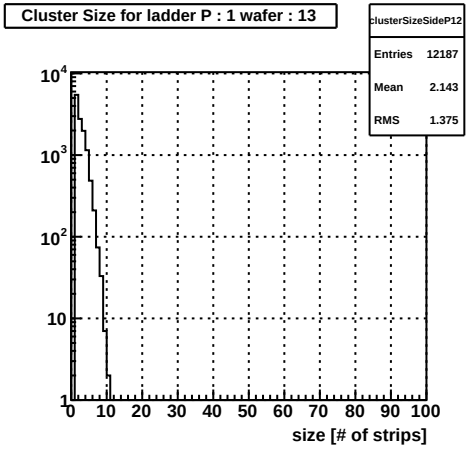

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1785
Mean 1.201
RMS 0.6137
size [# of strips]

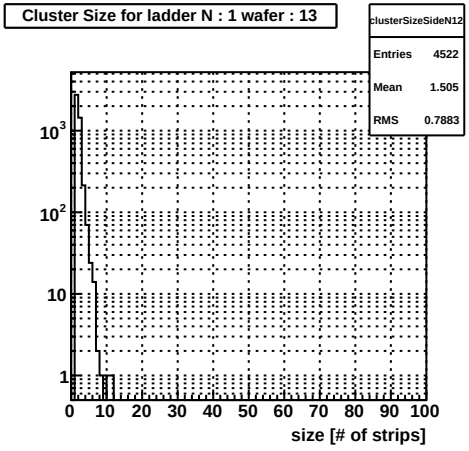

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 11163
Mean 1.406
RMS 0.8355
size [# of strips]

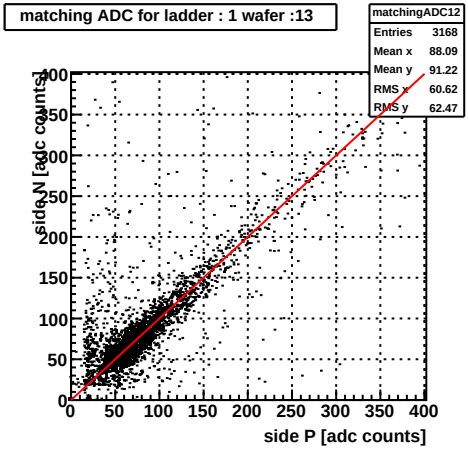

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 520
Mean x 46.08
Mean y 110.8
RMS x 36.6
RMS y 88.27
side N [adc counts]
side P [adc counts]

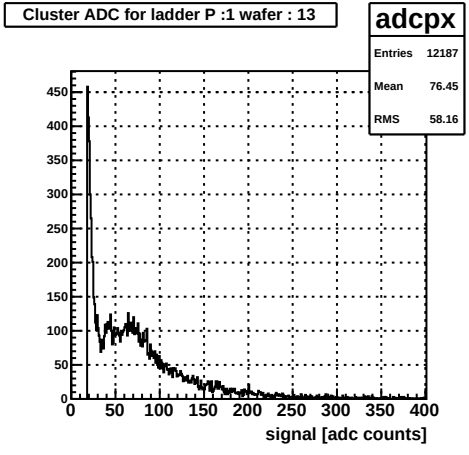

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1785
Mean 57.74
RMS 52.12
signal [adc counts]

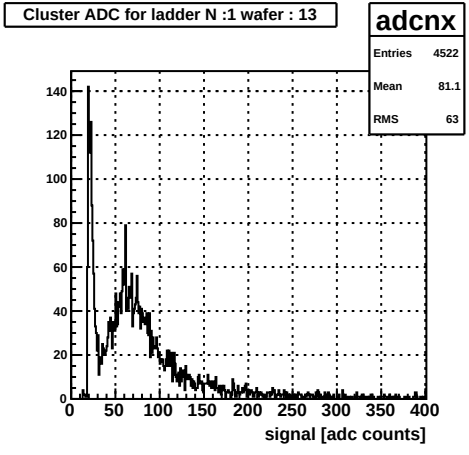

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 11163
Mean 57.02
RMS 45.59
signal [adc counts]

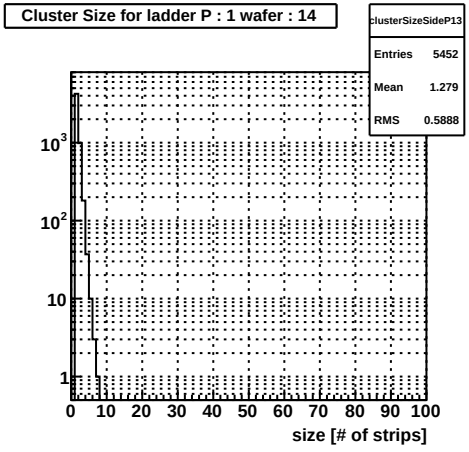

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12187
Mean 2.143
RMS 1.375
size [# of strips]

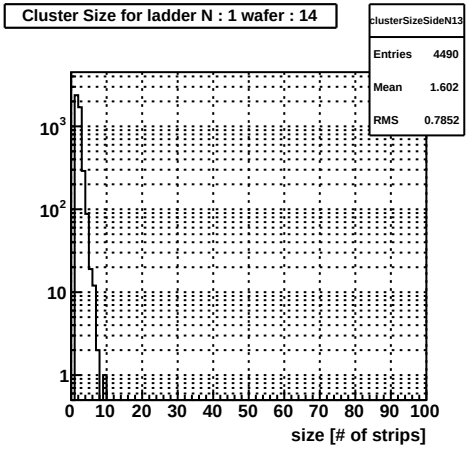

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 4522
Mean 1.505
RMS 0.7883
size [# of strips]

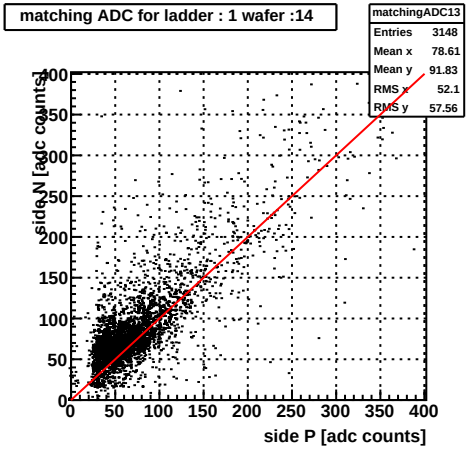

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 3168
Mean x 88.09
Mean y 91.22
RMS x 60.62
RMS y 62.47
side N [adc counts]
side P [adc counts]

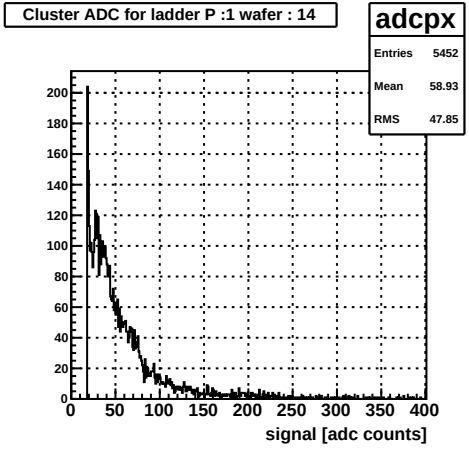

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12187
Mean 76.45
RMS 58.16
signal [adc counts]

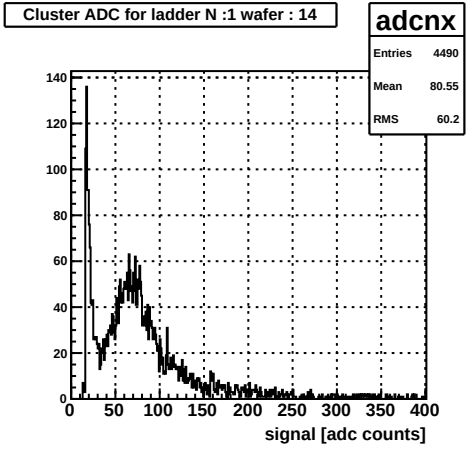

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 4522
Mean 81.1
RMS 63
signal [adc counts]

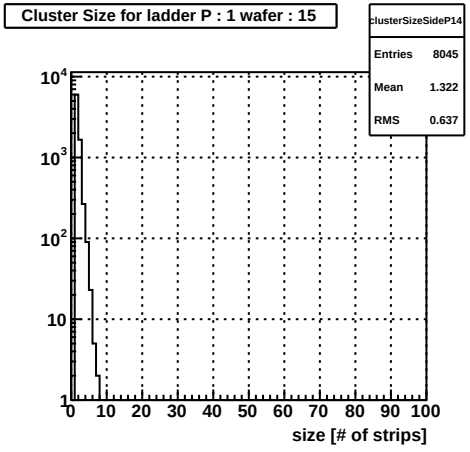

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 5452
Mean 1.279
RMS 0.5888
size [# of strips]

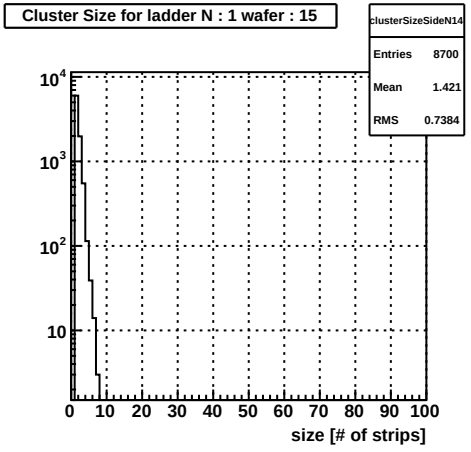

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 4490
Mean 1.602
RMS 0.7852
size [# of strips]

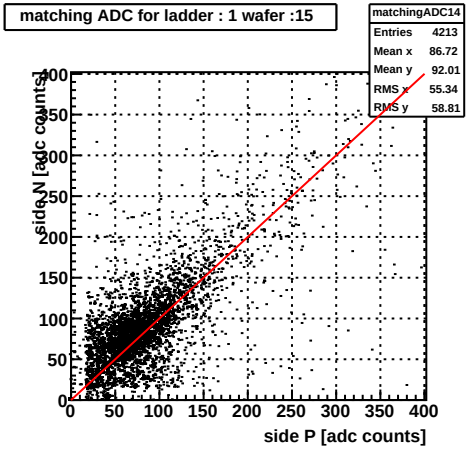

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 3148
Mean x 78.61
Mean y 91.83
RMS x 52.1
RMS y 57.56
side N [adc counts]
side P [adc counts]

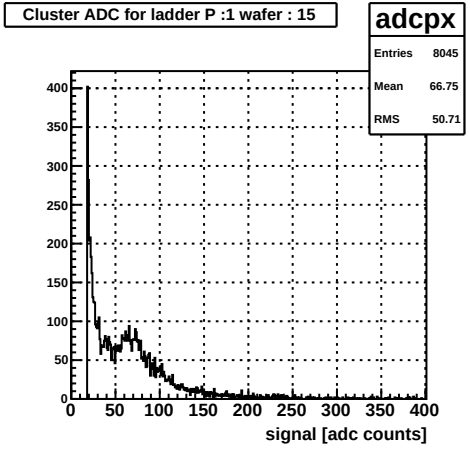

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 5452
Mean 58.93
RMS 47.85
signal [adc counts]

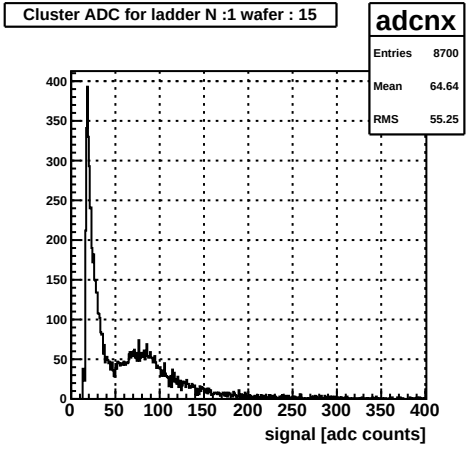

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 4490
Mean 80.55
RMS 60.2
signal [adc counts]

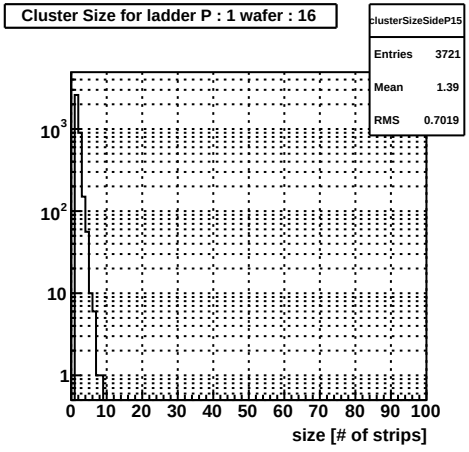

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 8045
Mean 1.322
RMS 0.637
size [# of strips]

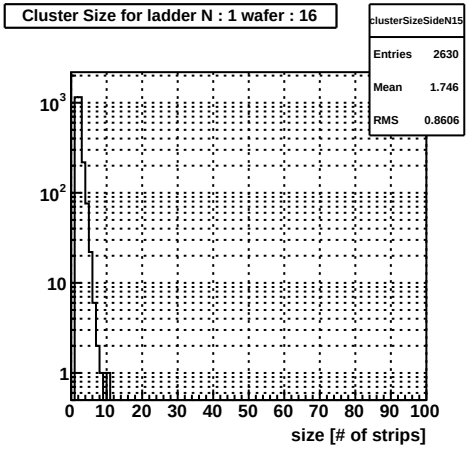

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 8700
Mean 1.421
RMS 0.7384
size [# of strips]

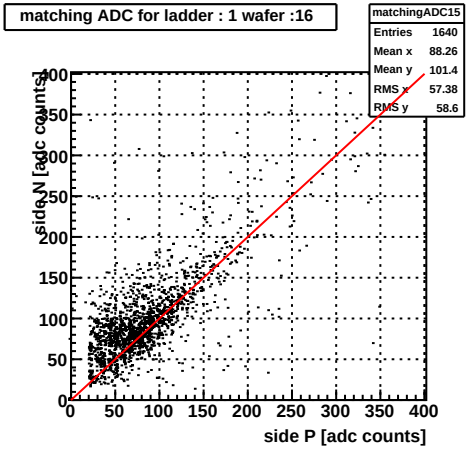

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 4213
Mean x 86.72
Mean y 92.01
RMS x 55.34
RMS y 58.81
side N [adc counts]
side P [adc counts]

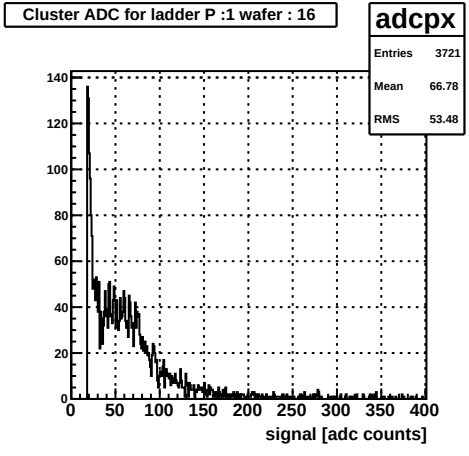

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 8045
Mean 66.75
RMS 50.71
signal [adc counts]

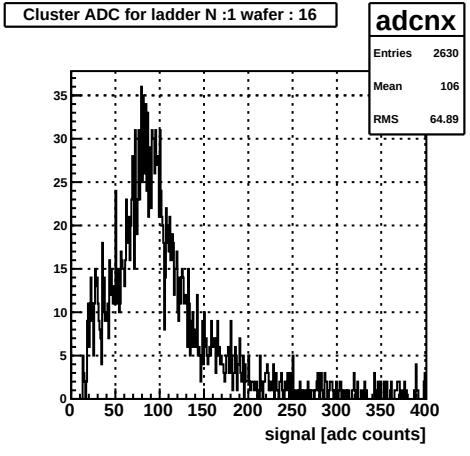

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 8700
Mean 64.64
RMS 55.25
signal [adc counts]

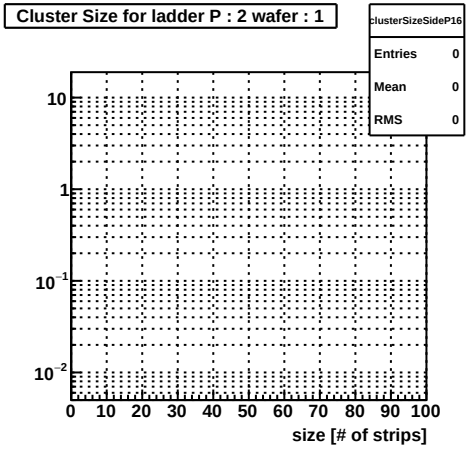

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 3721
Mean 1.39
RMS 0.7019
size [# of strips]

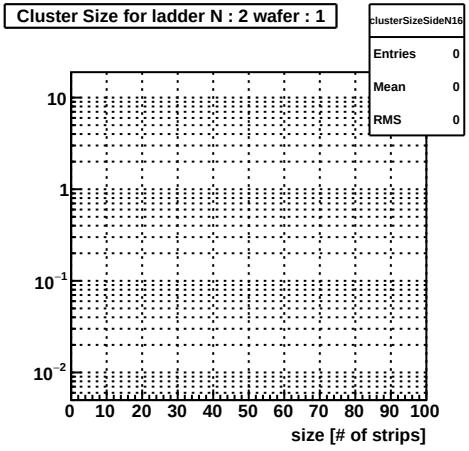

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 2630
Mean 1.746
RMS 0.8606
size [# of strips]

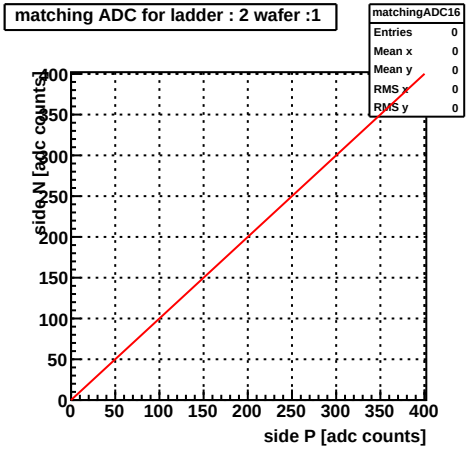

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 1640
Mean x 88.26
Mean y 101.4
RMS x 57.38
RMS y 58.6
side N [adc counts]
side P [adc counts]

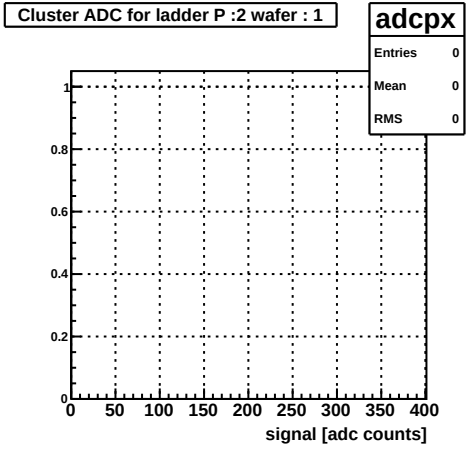

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 3721
Mean 66.78
RMS 53.48
signal [adc counts]

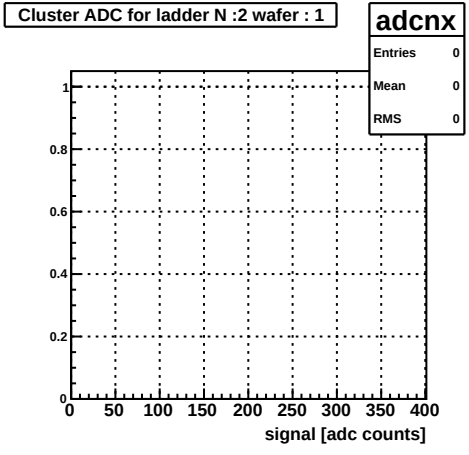

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 2630
Mean 106
RMS 64.89
signal [adc counts]

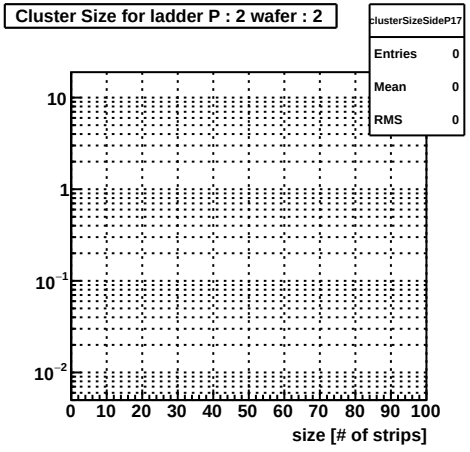

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

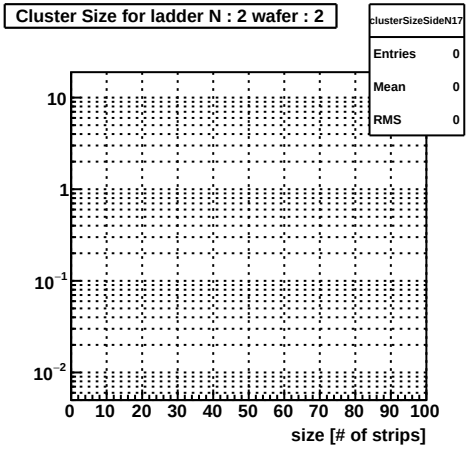

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

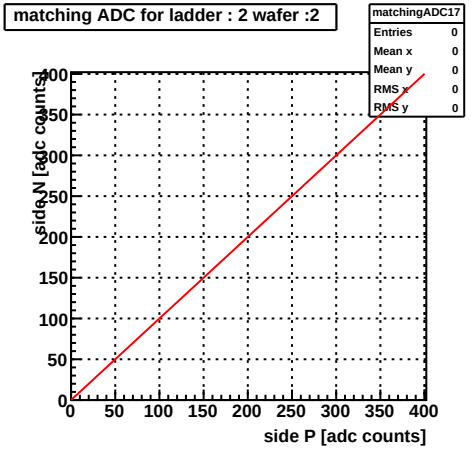

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

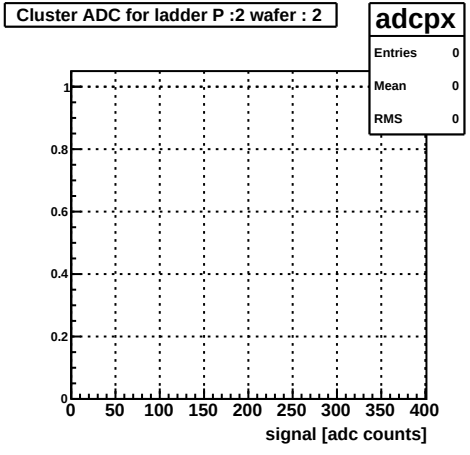

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

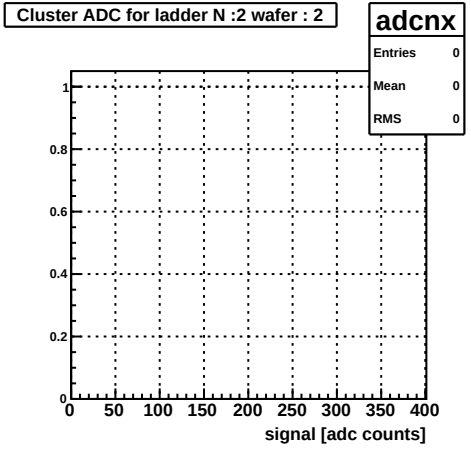

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

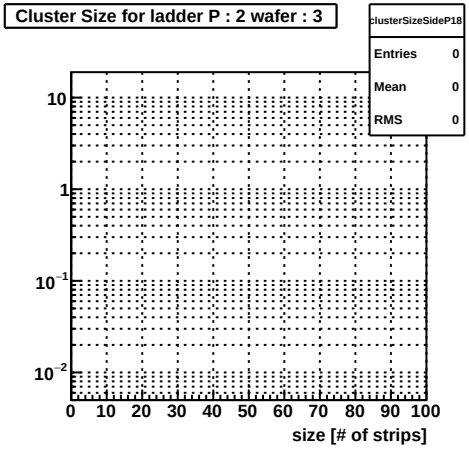

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

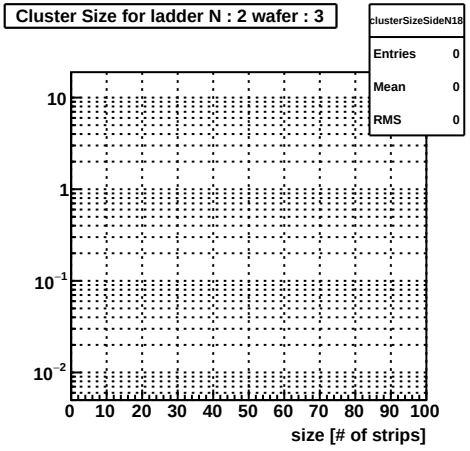

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

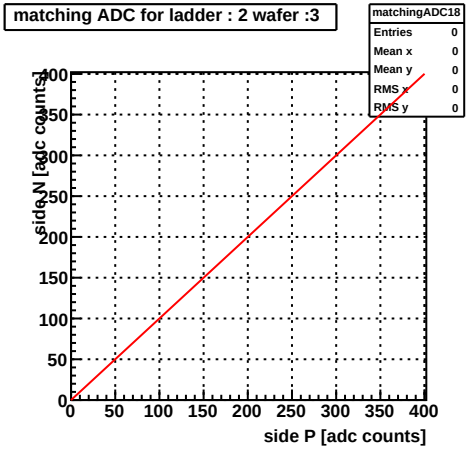

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

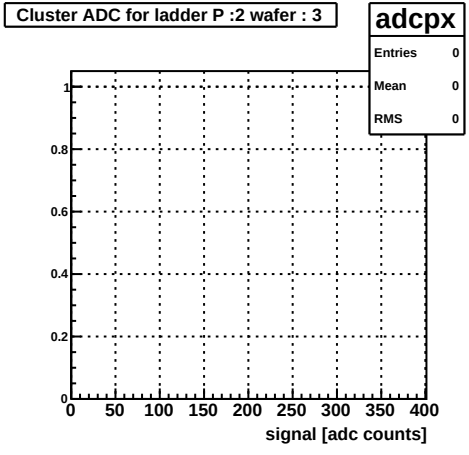

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

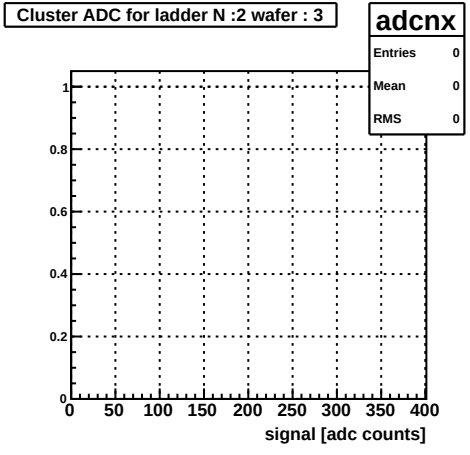

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

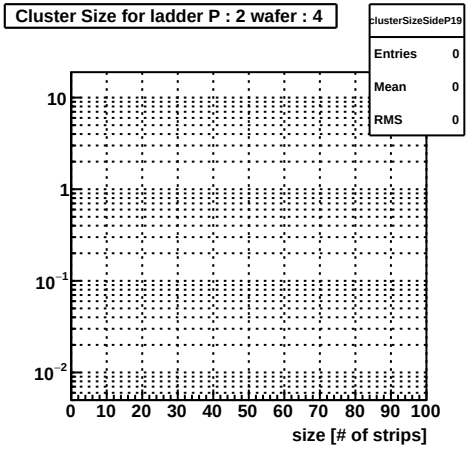

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

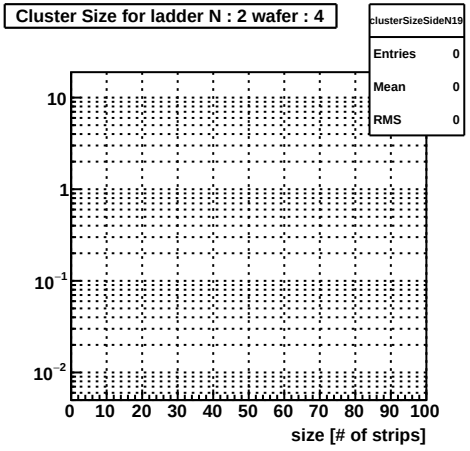

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

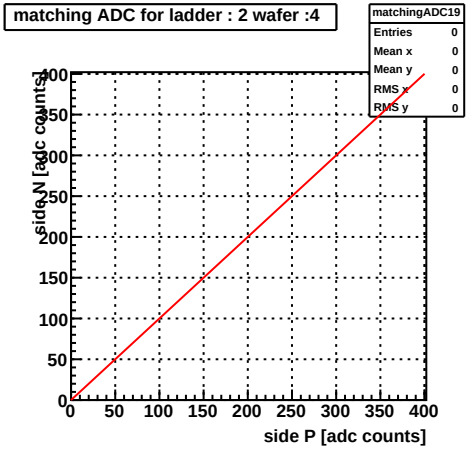

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

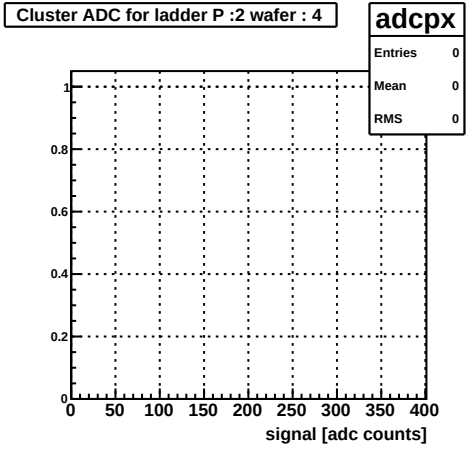

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

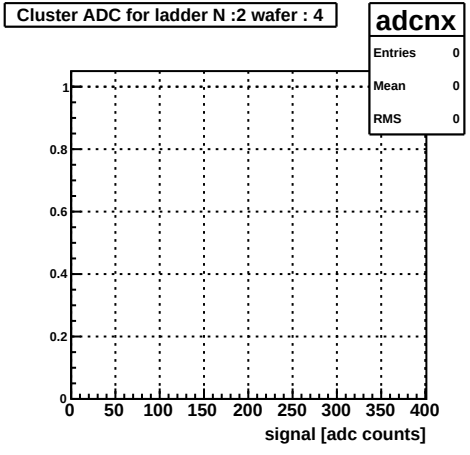

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

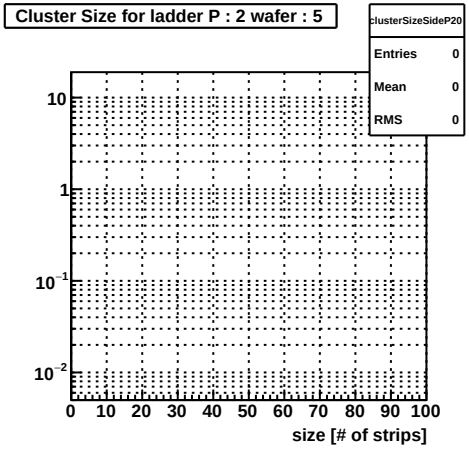

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

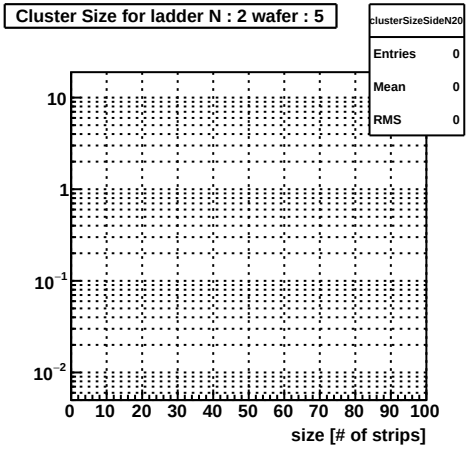

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

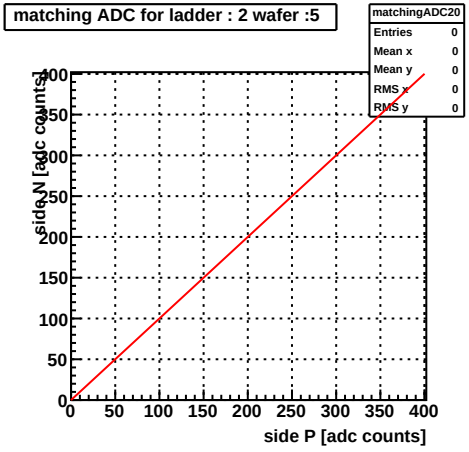

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

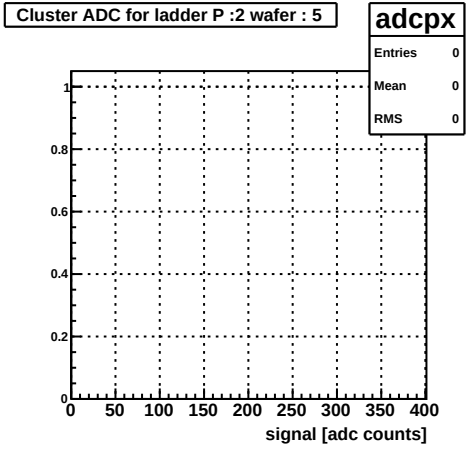

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

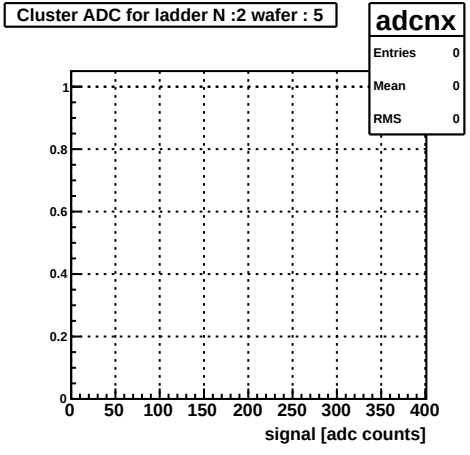

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

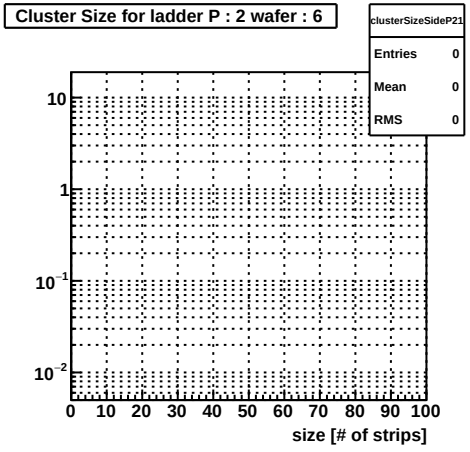

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

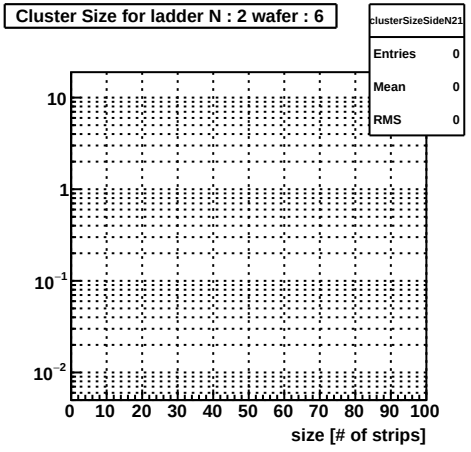

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

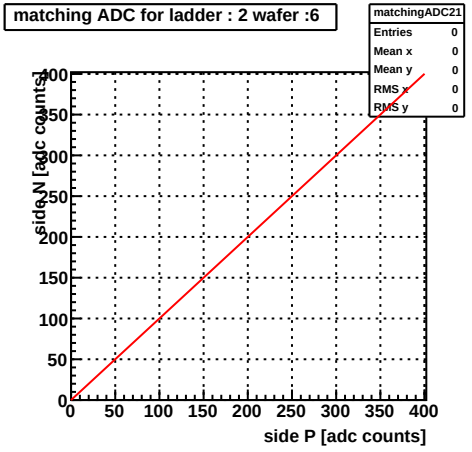

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

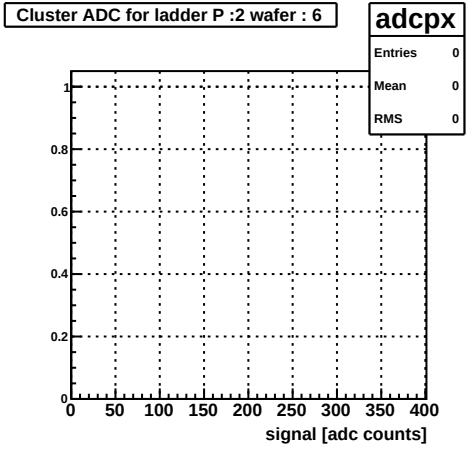

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

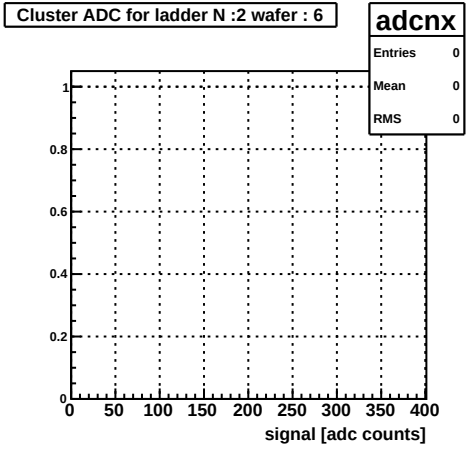

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

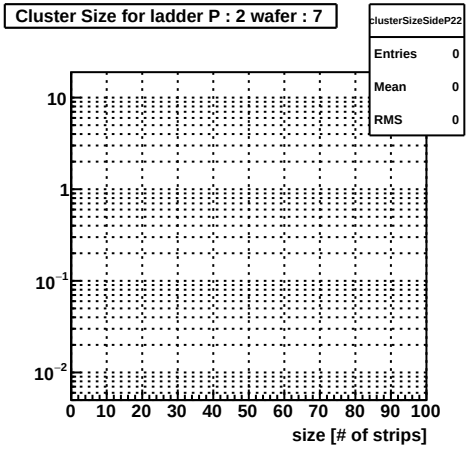

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

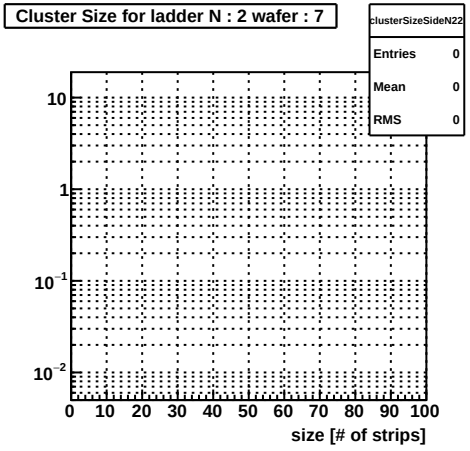

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

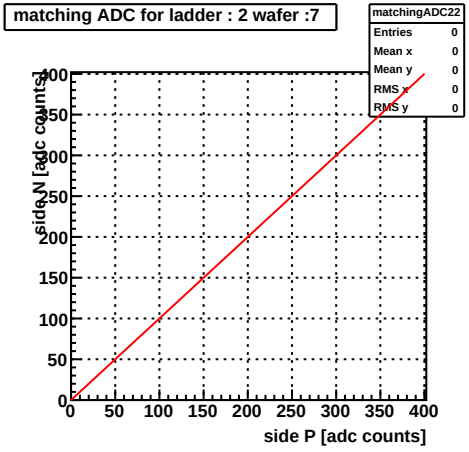

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

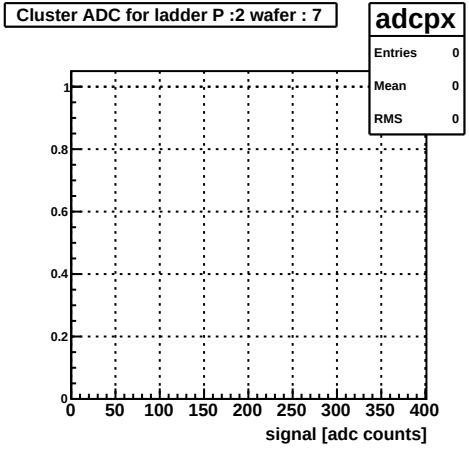

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

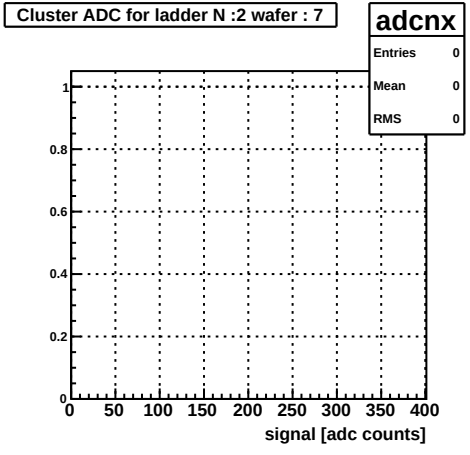

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

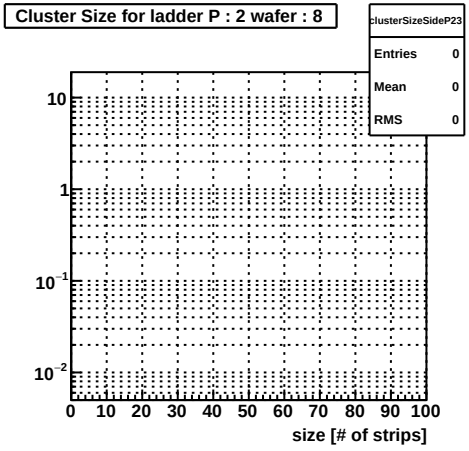

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

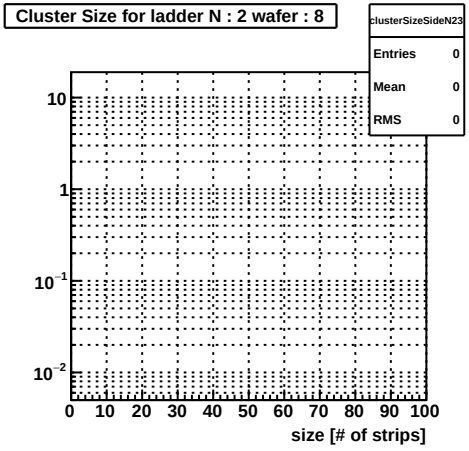

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

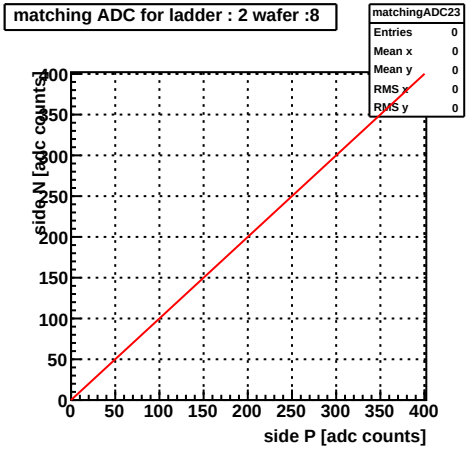

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

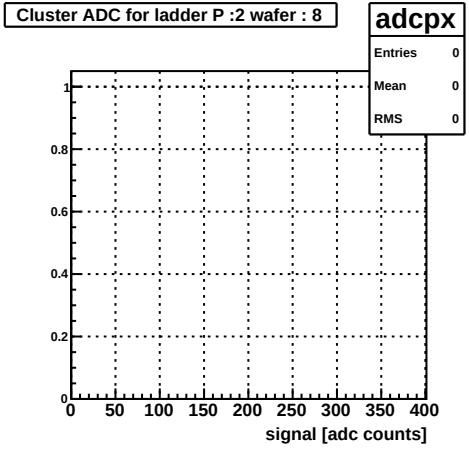

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

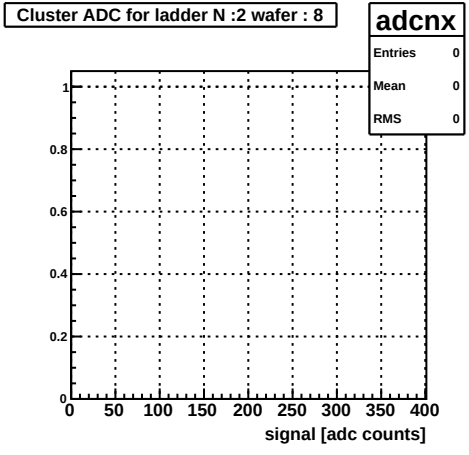

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

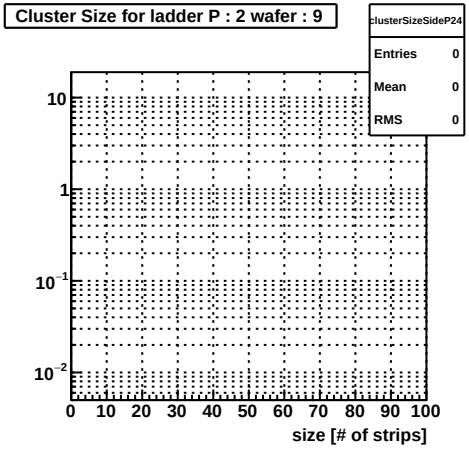

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

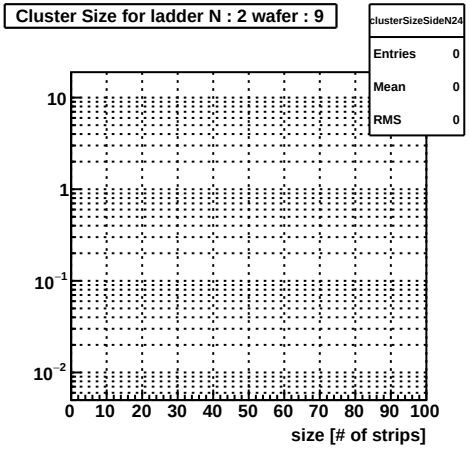

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

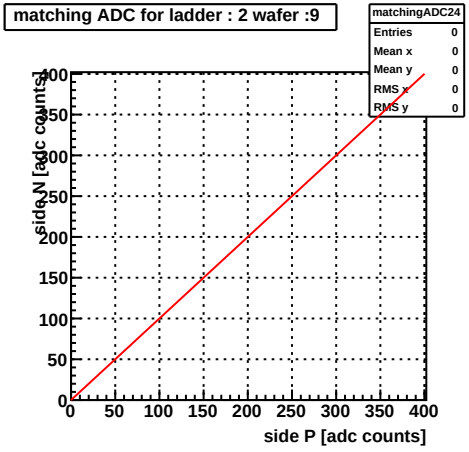

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

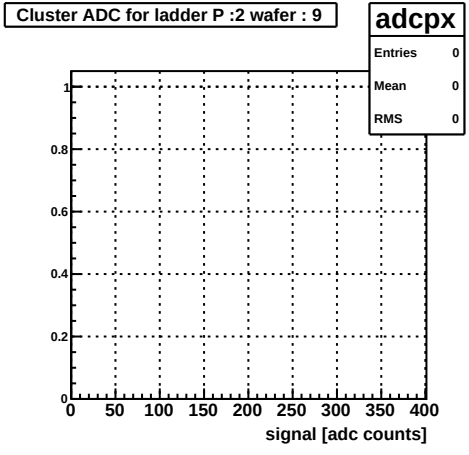

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

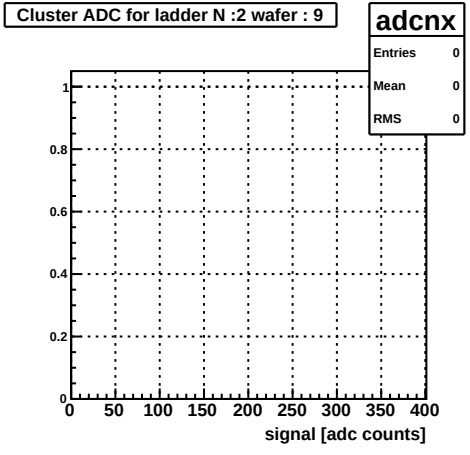

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

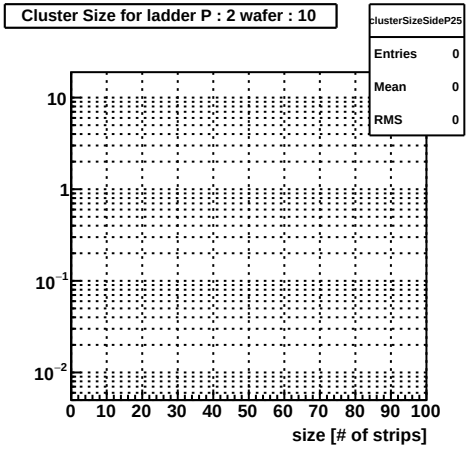

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

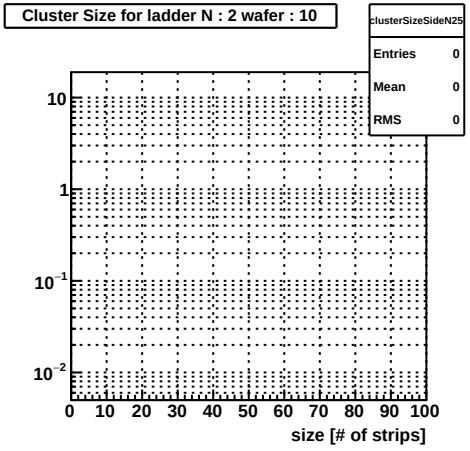

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

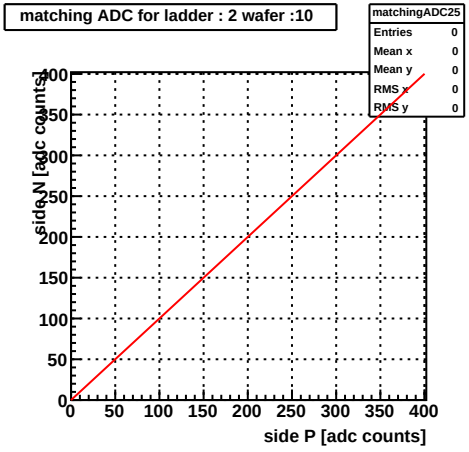

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

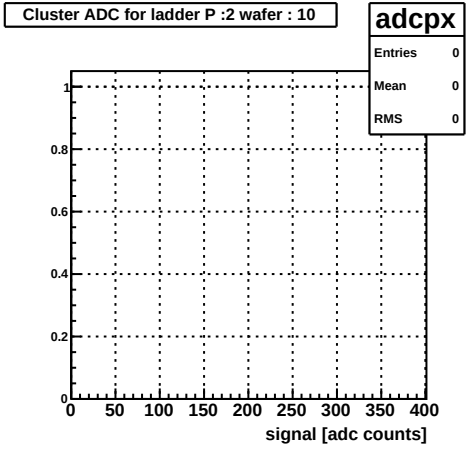

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

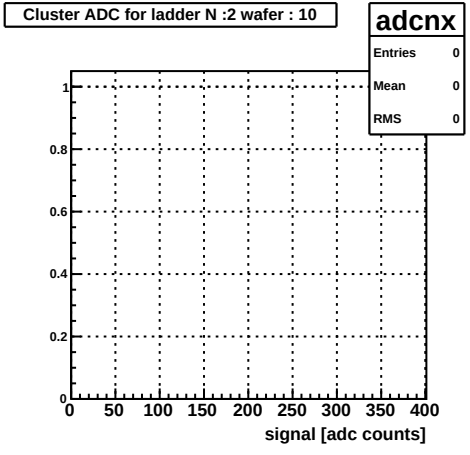

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

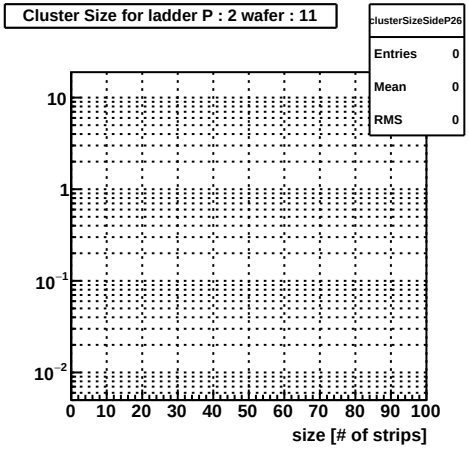

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

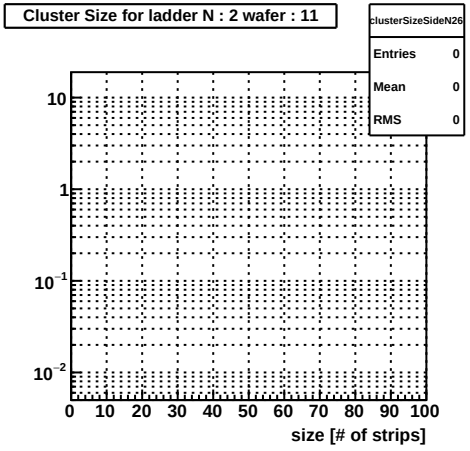

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

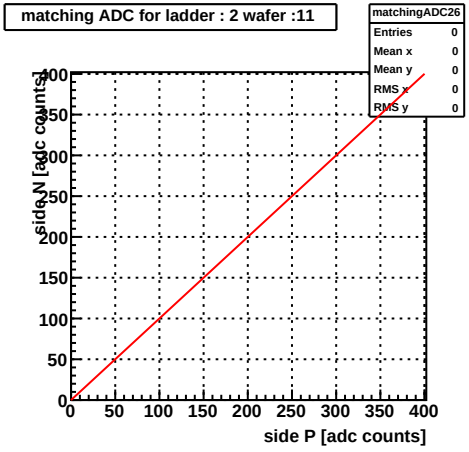

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

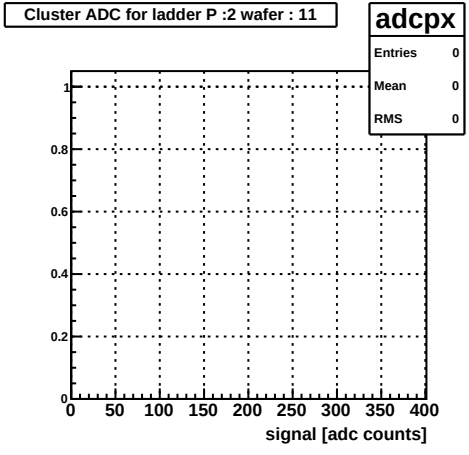

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

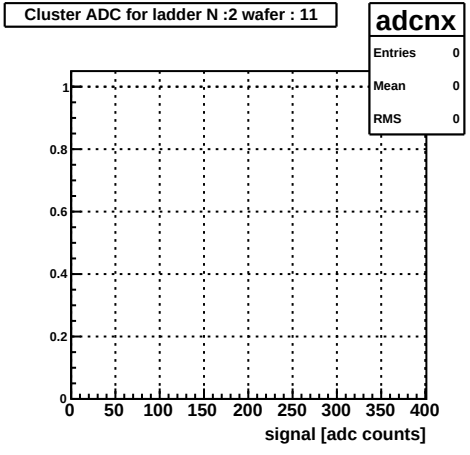

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

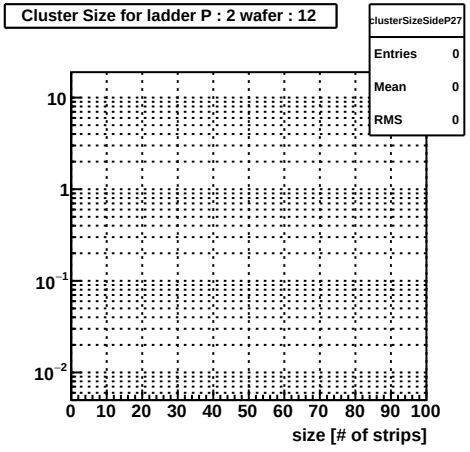

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

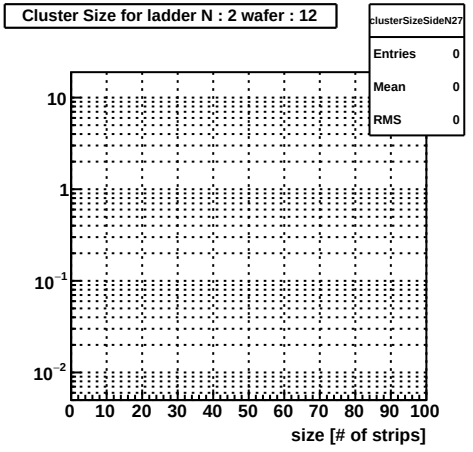

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

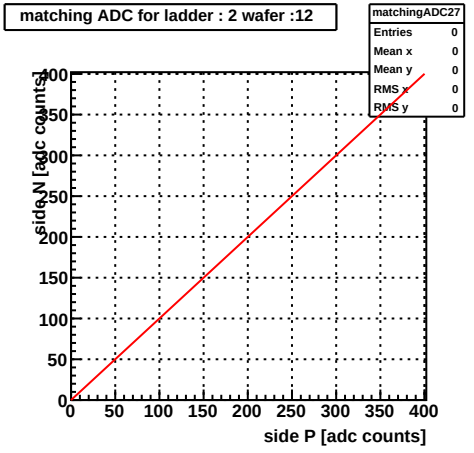

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

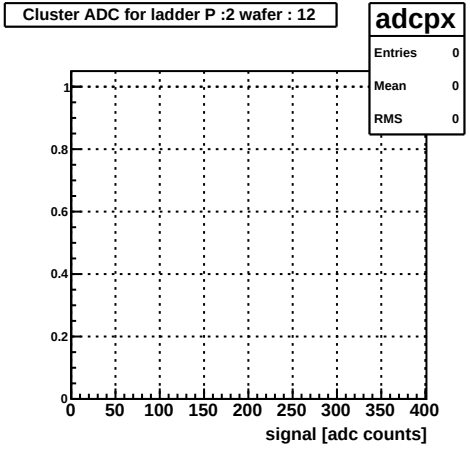

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

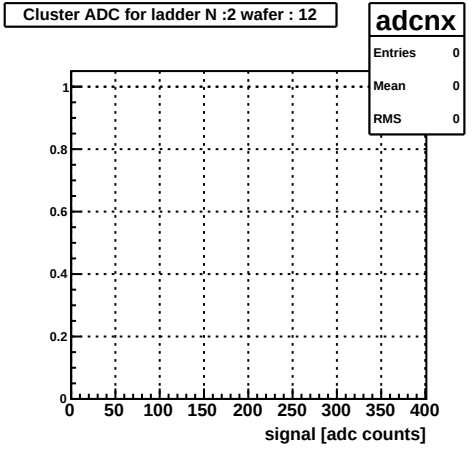

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

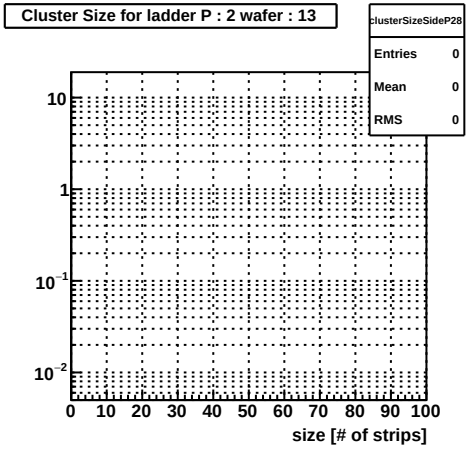

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

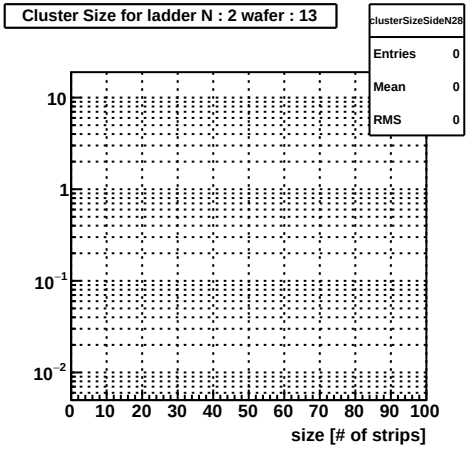

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

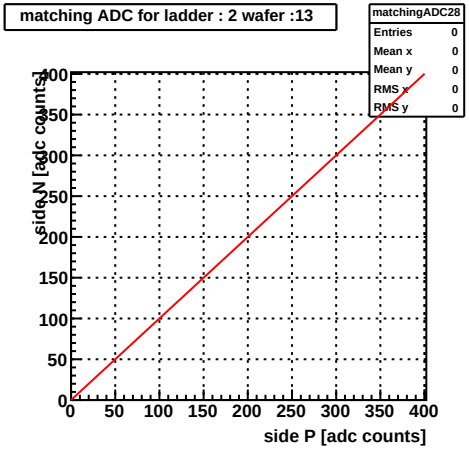

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

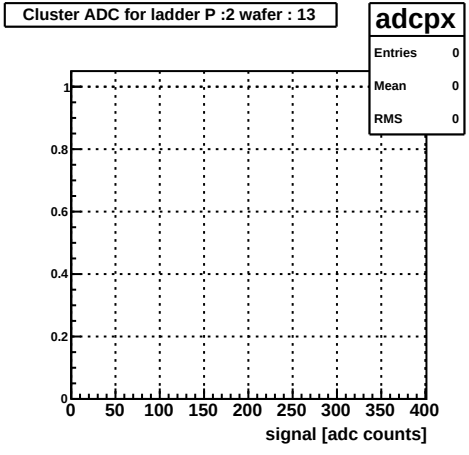

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

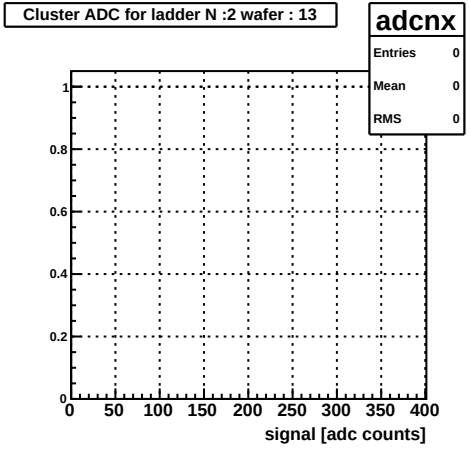

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

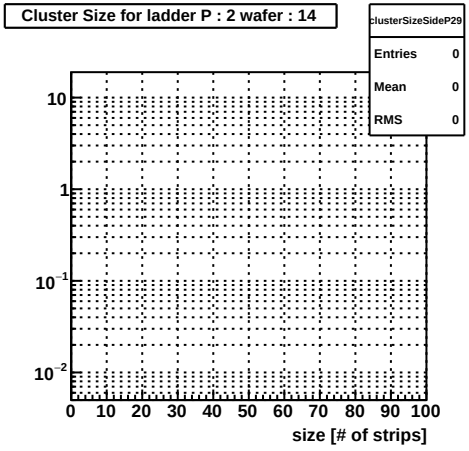

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

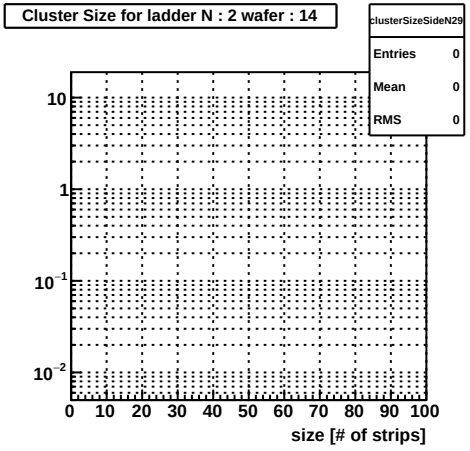

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

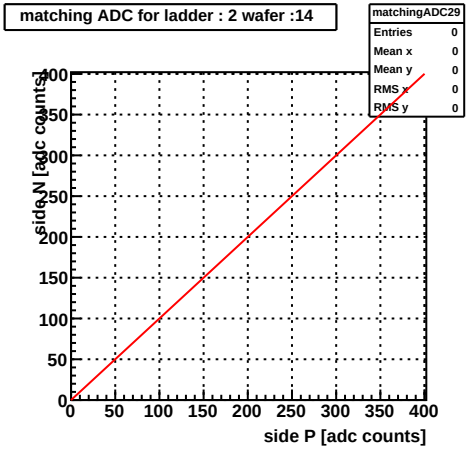

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

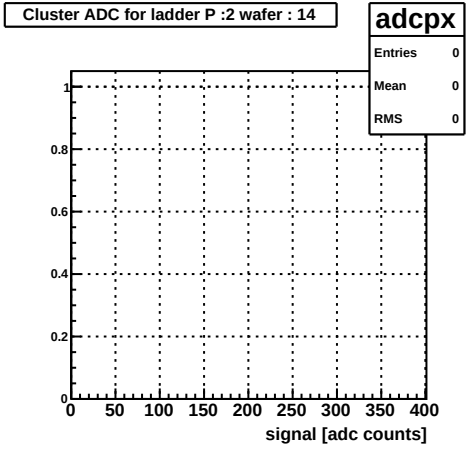

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

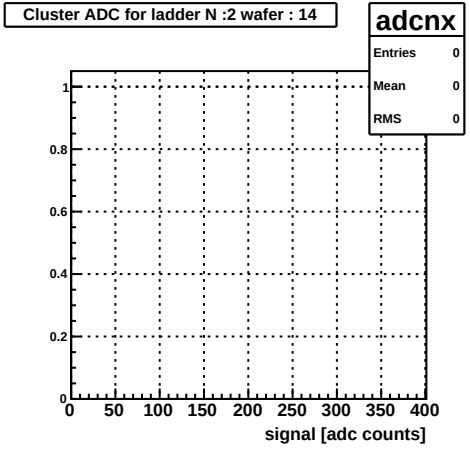

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

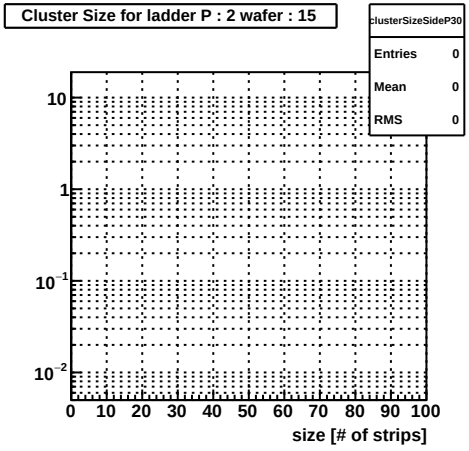

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

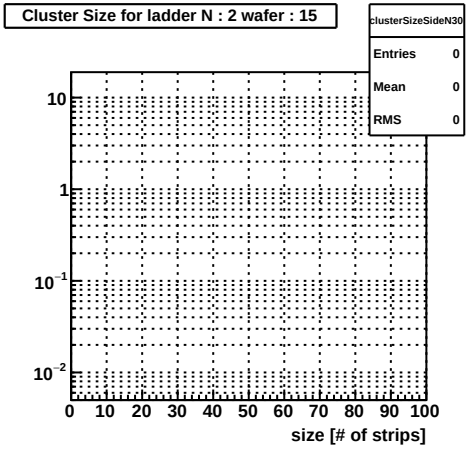

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

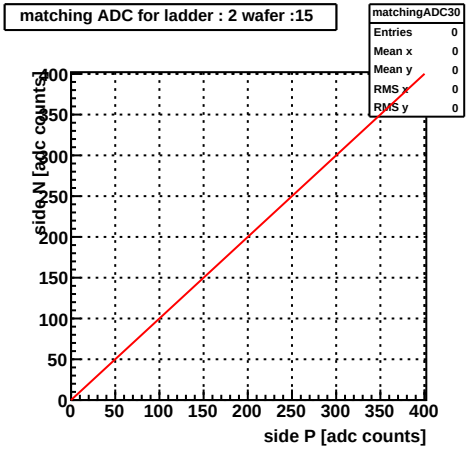

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

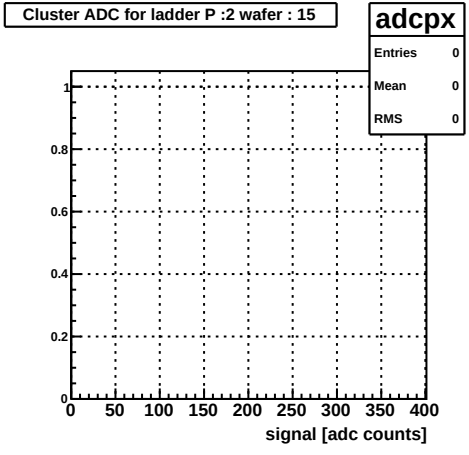

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

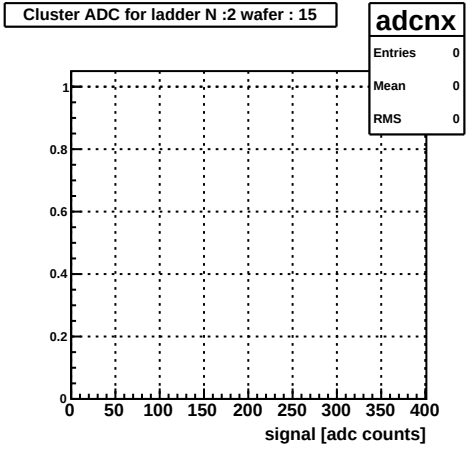

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

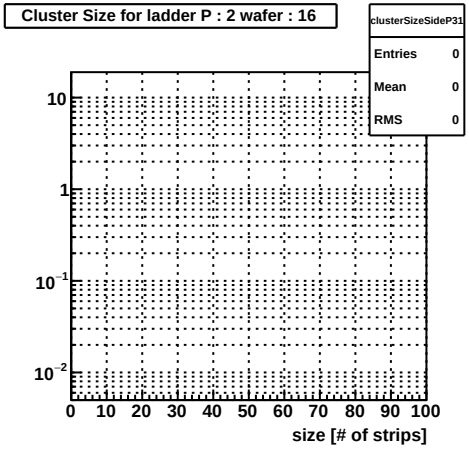

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

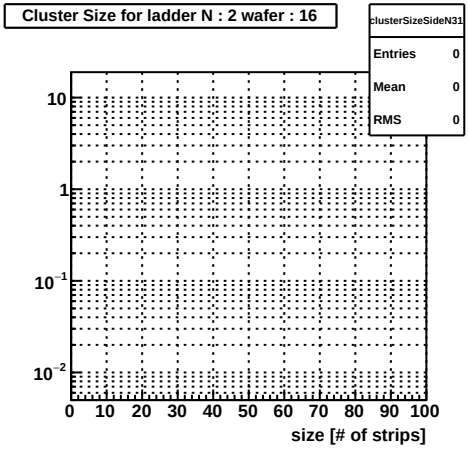

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

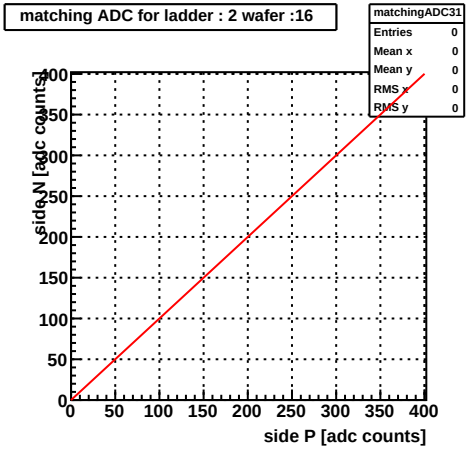

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

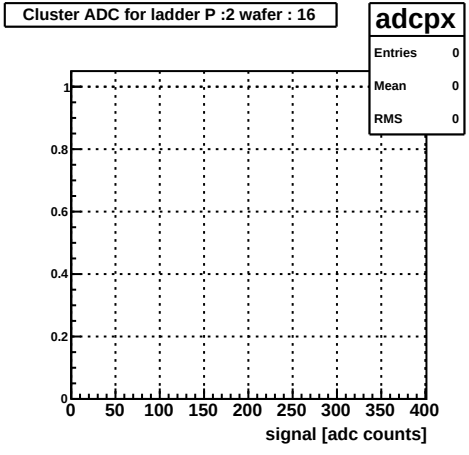

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

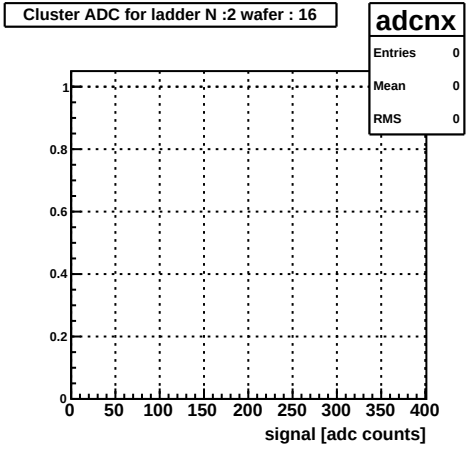

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

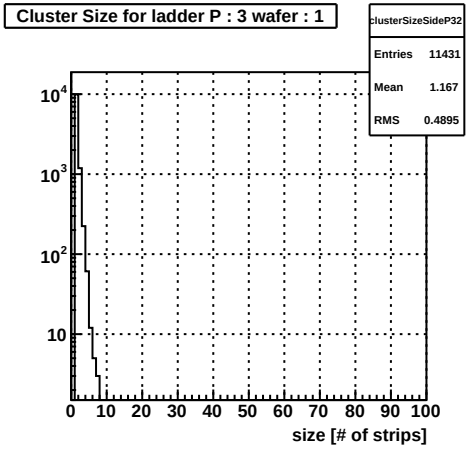

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

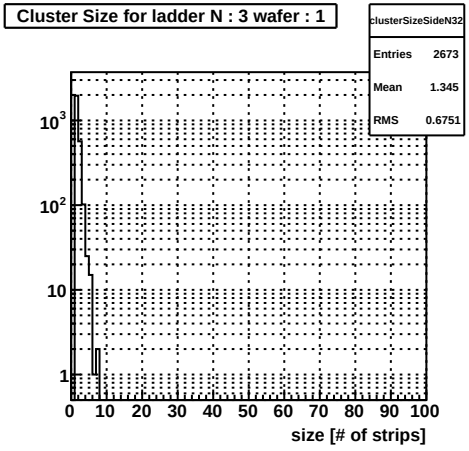

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

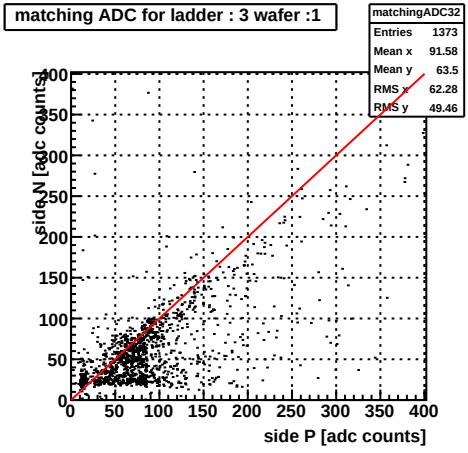

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

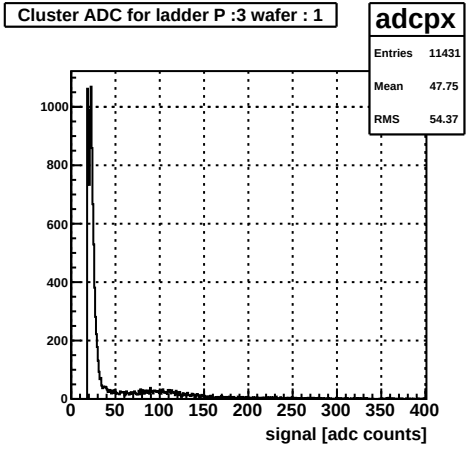

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

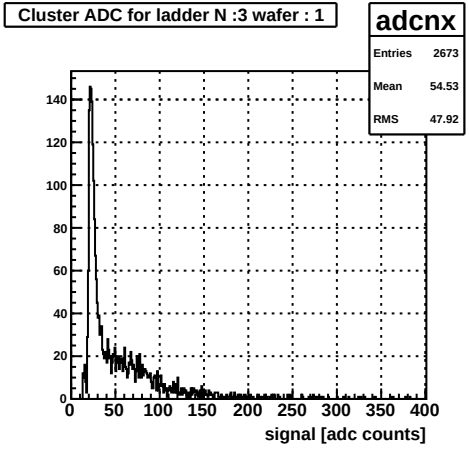

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

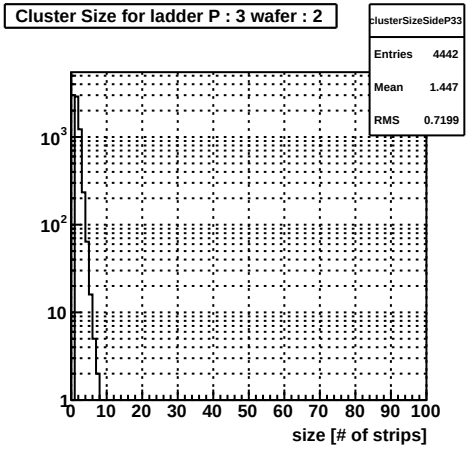

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11431
Mean 1.167
RMS 0.4895
size [# of strips]

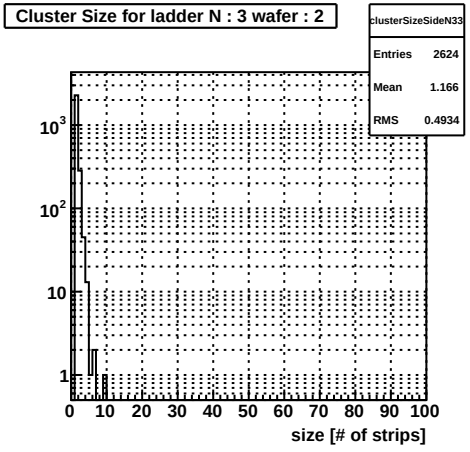

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2673
Mean 1.345
RMS 0.6751
size [# of strips]

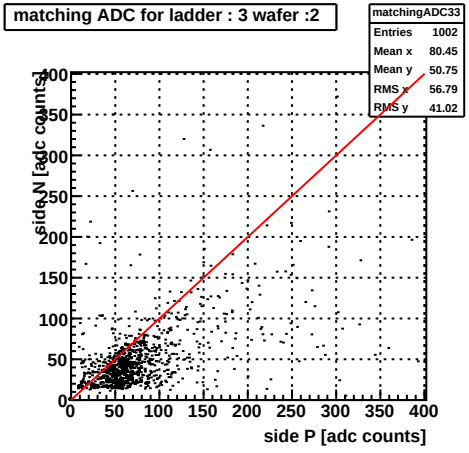

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 1373
Mean x 91.58
Mean y 63.5
RMS x 62.28
RMS y 49.46
side N [adc counts]
side P [adc counts]

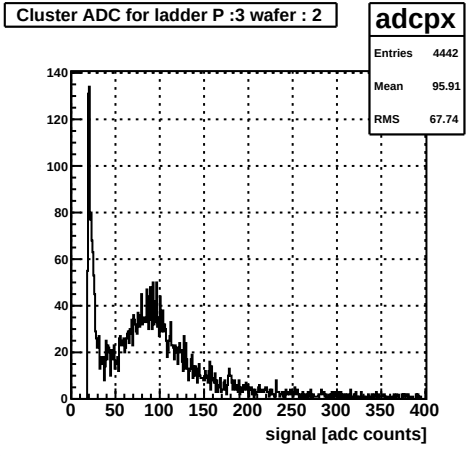

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11431
Mean 47.75
RMS 54.37
signal [adc counts]

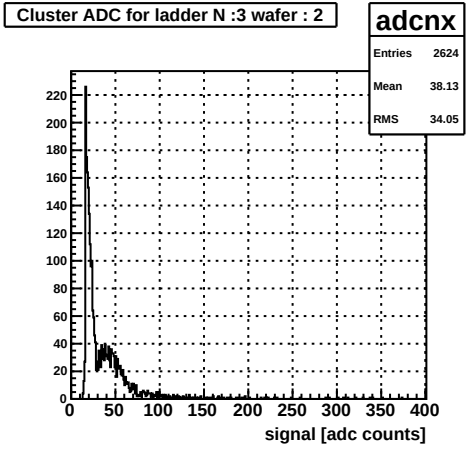

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2673
Mean 54.53
RMS 47.92
signal [adc counts]

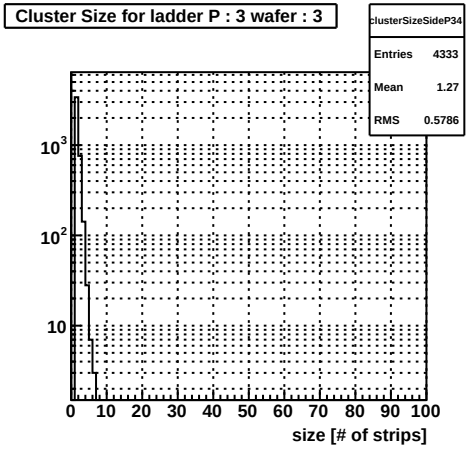

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 4442
Mean 1.447
RMS 0.7199
size [# of strips]

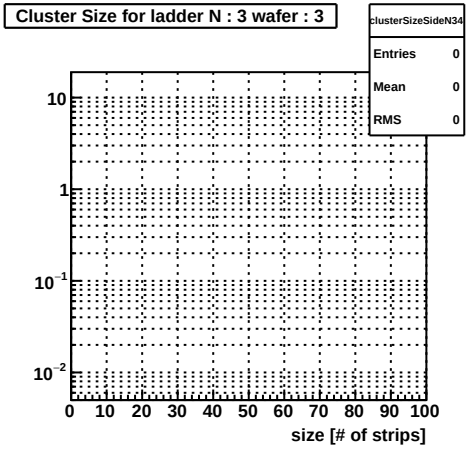

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2624
Mean 1.166
RMS 0.4934
size [# of strips]

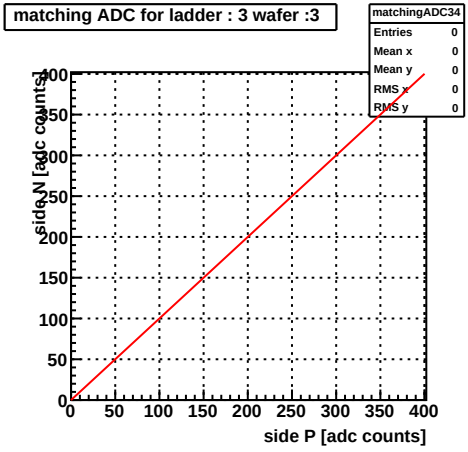

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 1002
Mean x 80.45
Mean y 50.75
RMS x 56.79
RMS y 41.02
side N [adc counts]
side P [adc counts]

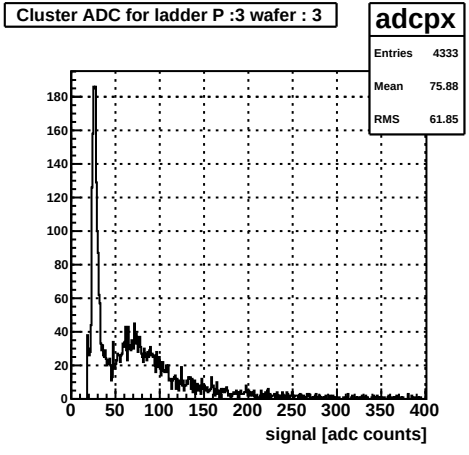

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 4442
Mean 95.91
RMS 67.74
signal [adc counts]

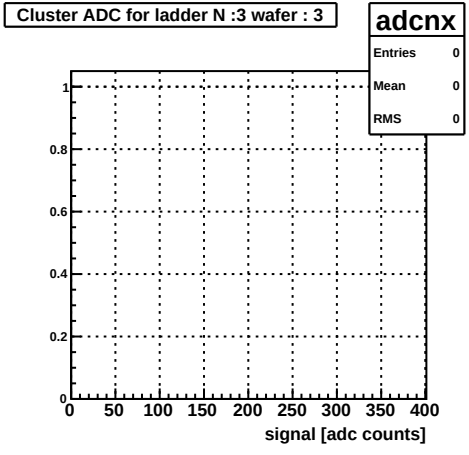

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2624
Mean 38.13
RMS 34.05
signal [adc counts]

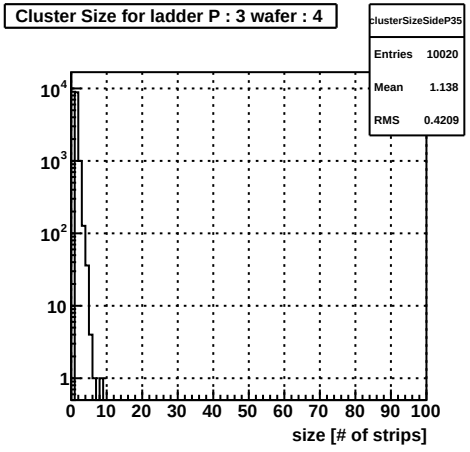

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4333
Mean 1.27
RMS 0.5786
size [# of strips]

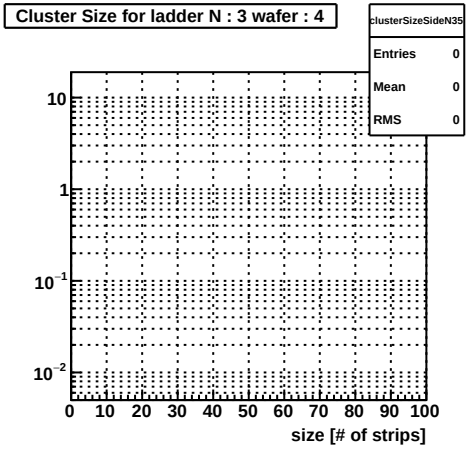

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

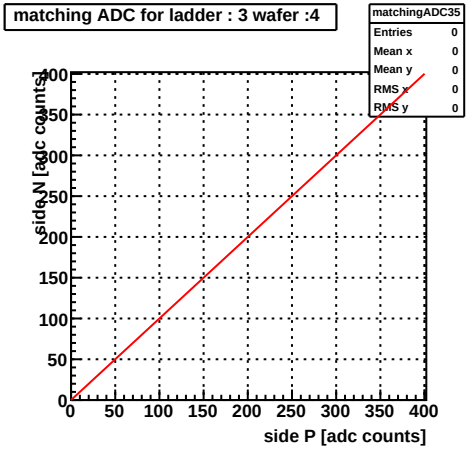

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

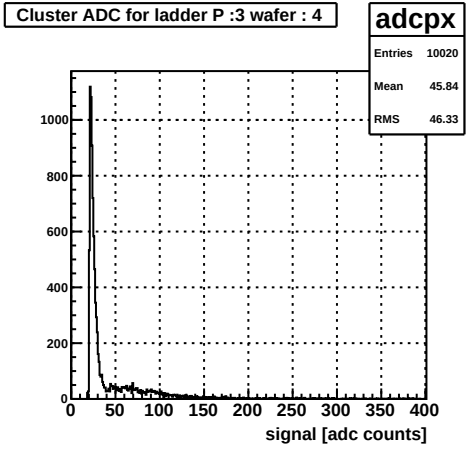

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4333
Mean 75.88
RMS 61.85
signal [adc counts]

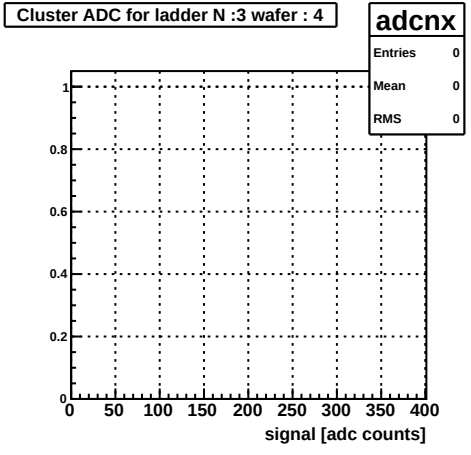

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

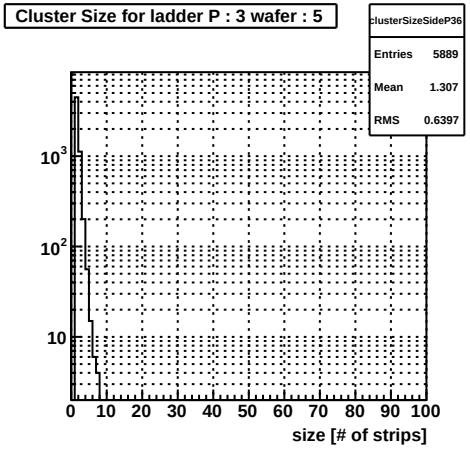

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 10020
Mean 1.138
RMS 0.4209
size [# of strips]

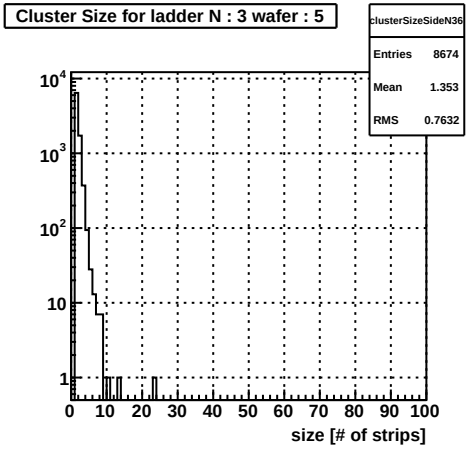

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

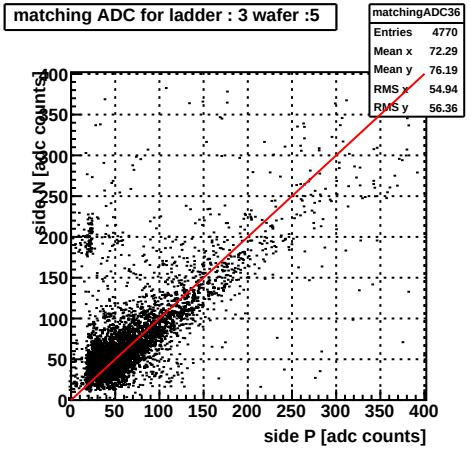

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

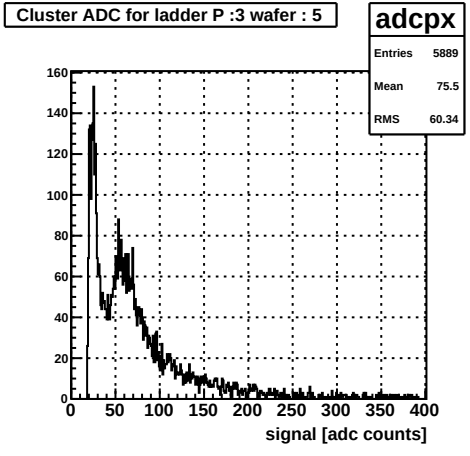

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 10020
Mean 45.84
RMS 46.33
signal [adc counts]

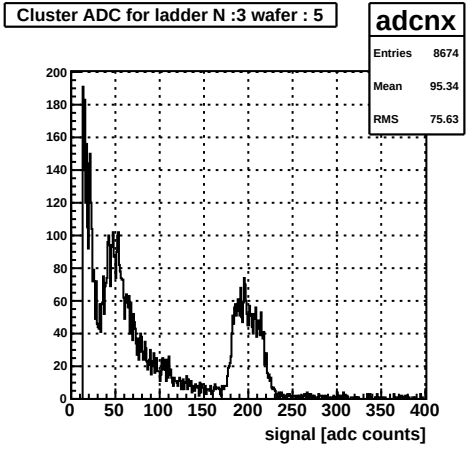

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

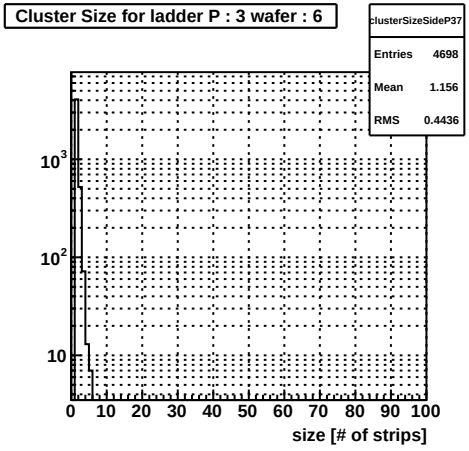

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 5889
Mean 1.307
RMS 0.6397
size [# of strips]

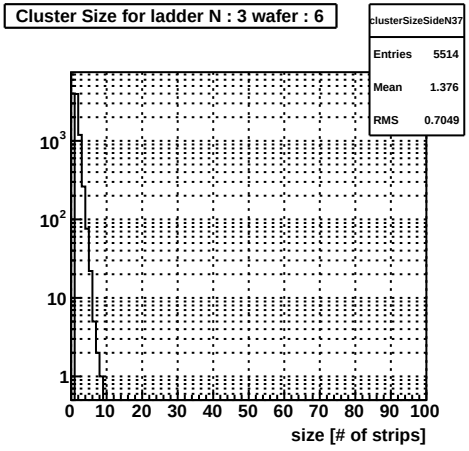

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 8674
Mean 1.353
RMS 0.7632
size [# of strips]

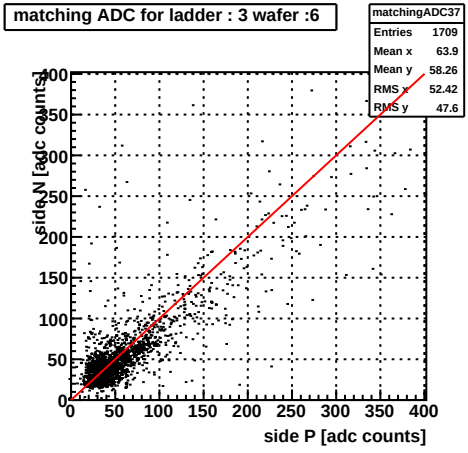

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 4770
Mean x 72.29
Mean y 76.19
RMS x 54.94
RMS y 56.36
side N [adc counts]
side P [adc counts]

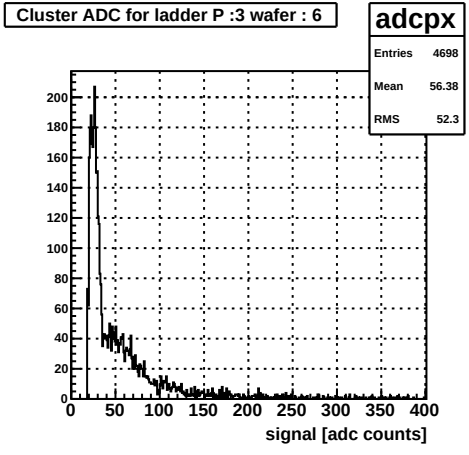

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 5889
Mean 75.5
RMS 60.34
signal [adc counts]

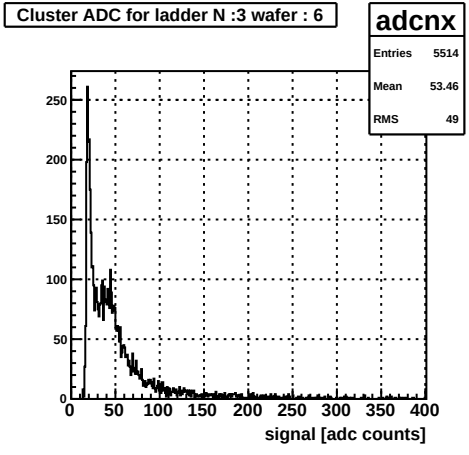

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 8674
Mean 95.34
RMS 75.63
signal [adc counts]

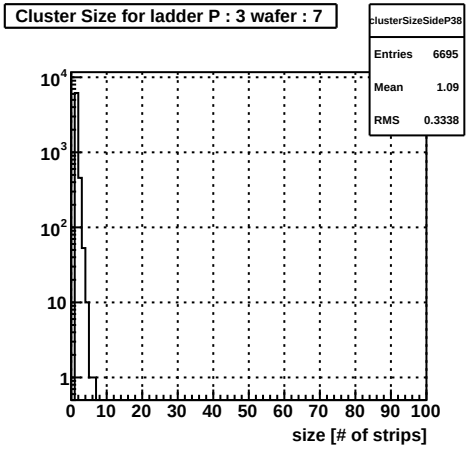

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4698
Mean 1.156
RMS 0.4436
size [# of strips]

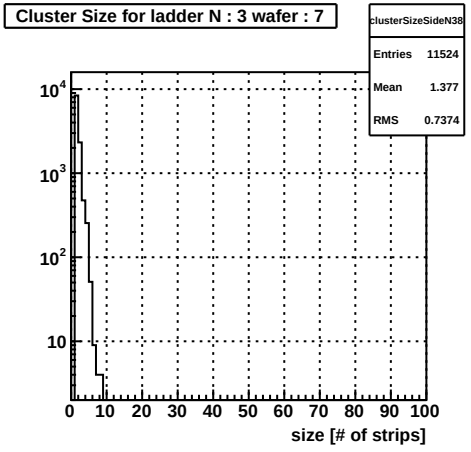

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 5514
Mean 1.376
RMS 0.7049
size [# of strips]

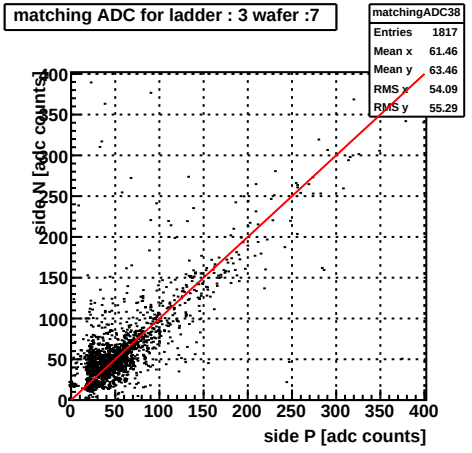

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1709
Mean x 63.9
Mean y 58.26
RMS x 52.42
RMS y 47.6
side N [adc counts]
side P [adc counts]

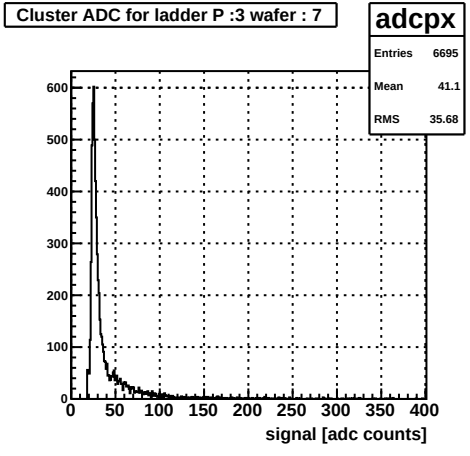

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4698
Mean 56.38
RMS 52.3
signal [adc counts]

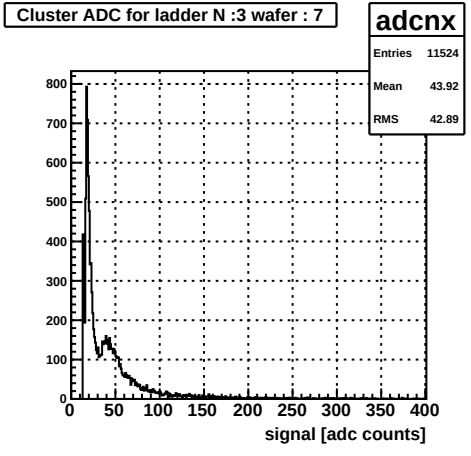

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 5514
Mean 53.46
RMS 49
signal [adc counts]

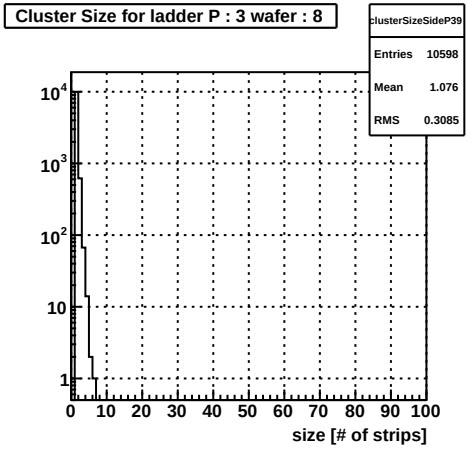

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 6695
Mean 1.09
RMS 0.3338
size [# of strips]

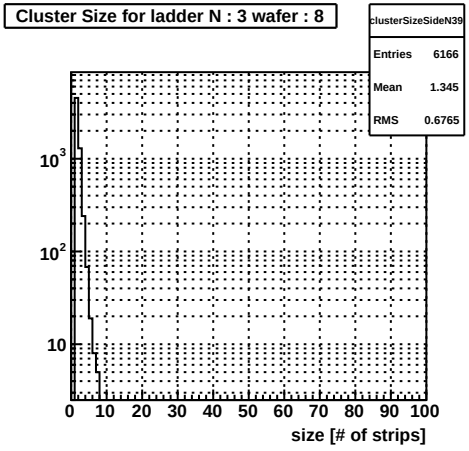

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 11524
Mean 1.377
RMS 0.7374
size [# of strips]

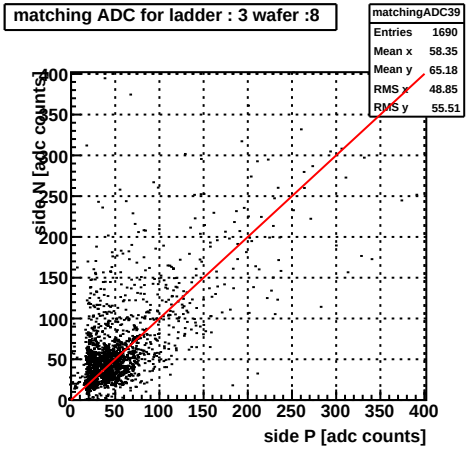

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 1817
Mean x 61.46
Mean y 63.46
RMS x 54.09
RMS y 55.29
side N [adc counts]
side P [adc counts]

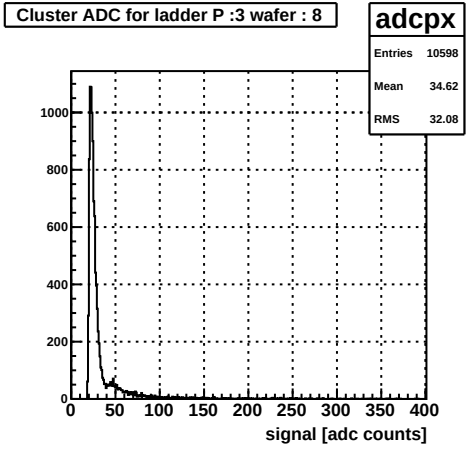

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 6695
Mean 41.1
RMS 35.68
signal [adc counts]

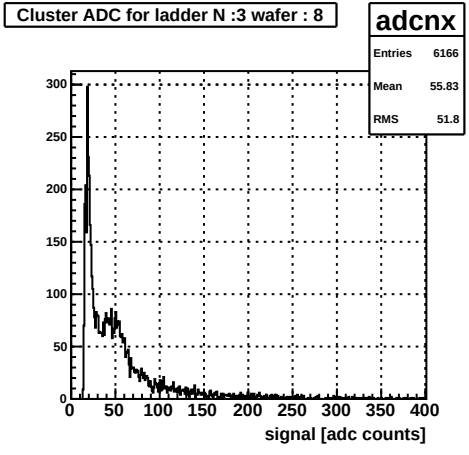

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 11524
Mean 43.92
RMS 42.89
signal [adc counts]

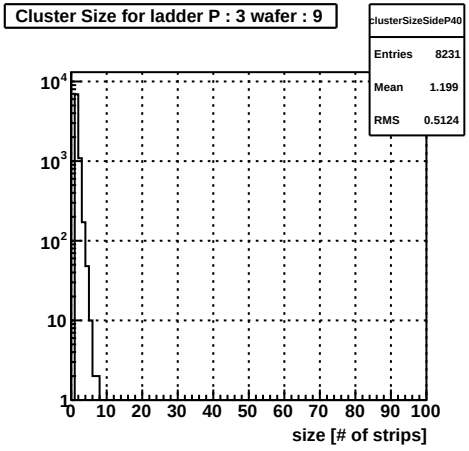

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 10598
Mean 1.076
RMS 0.3085
size [# of strips]

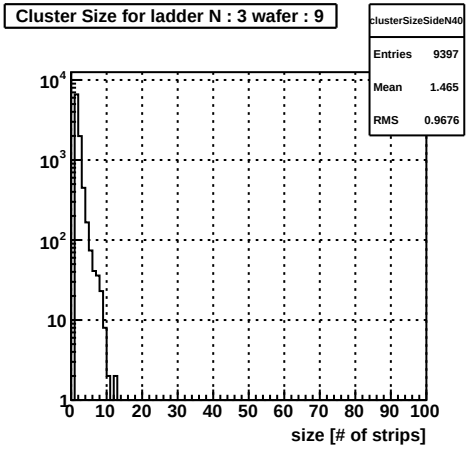

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 6166
Mean 1.345
RMS 0.6765
size [# of strips]

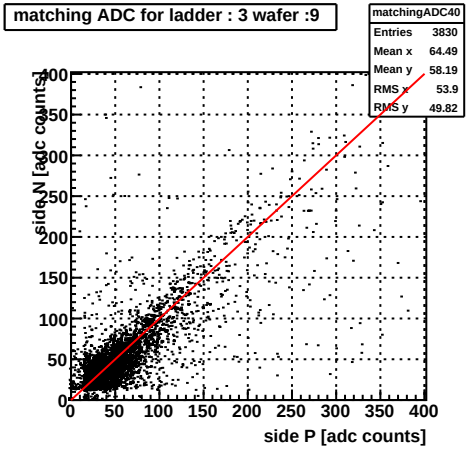

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 1690
Mean x 58.35
Mean y 65.18
RMS x 48.85
RMS y 55.51
side N [adc counts]
side P [adc counts]

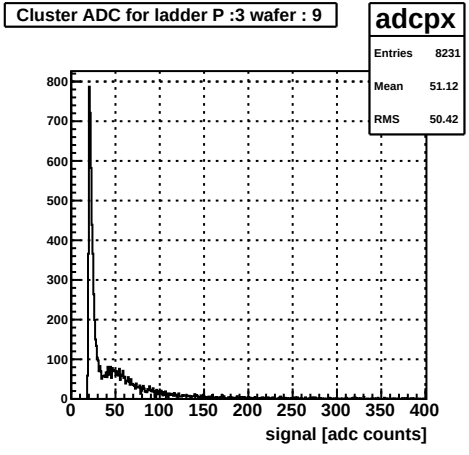

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 10598
Mean 34.62
RMS 32.08
signal [adc counts]

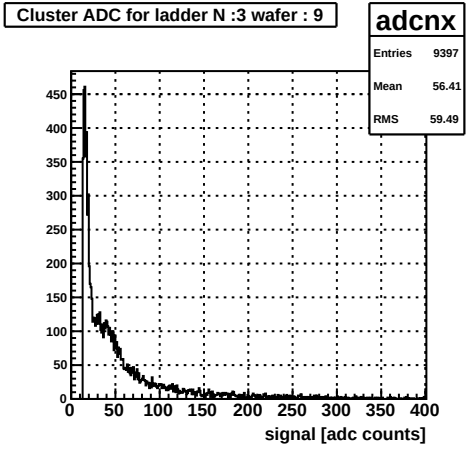

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 6166
Mean 55.83
RMS 51.8
signal [adc counts]

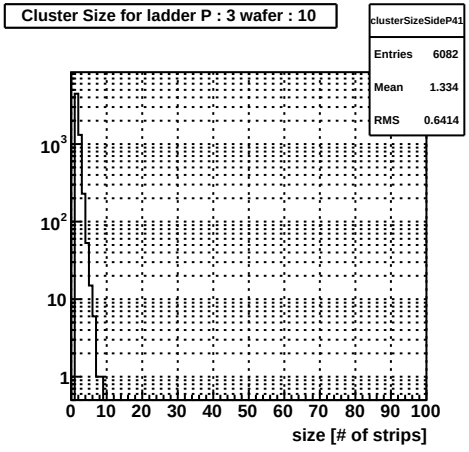

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8231
Mean 1.199
RMS 0.5124
size [# of strips]

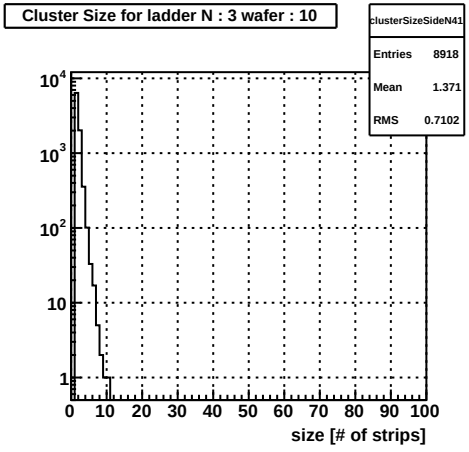

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9397
Mean 1.465
RMS 0.9676
size [# of strips]

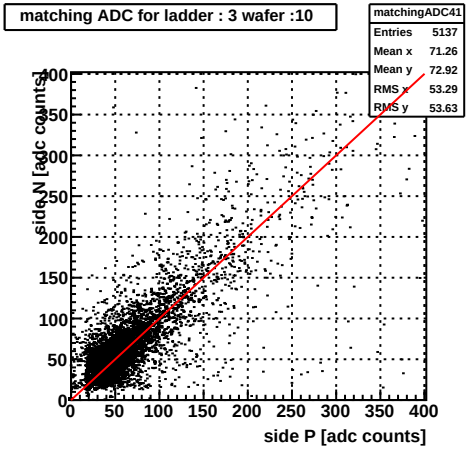

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 3830
Mean x 64.49
Mean y 58.19
RMS x 53.9
RMS y 49.82
side N [adc counts]
side P [adc counts]

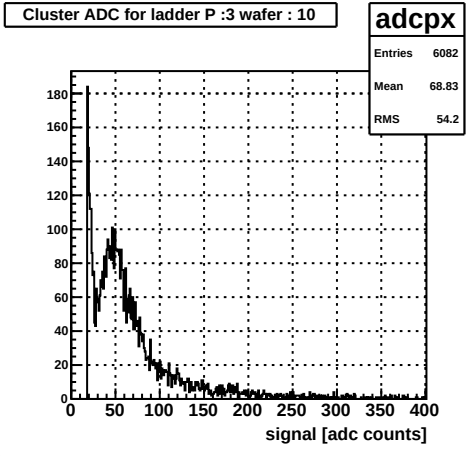

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8231
Mean 51.12
RMS 50.42
signal [adc counts]

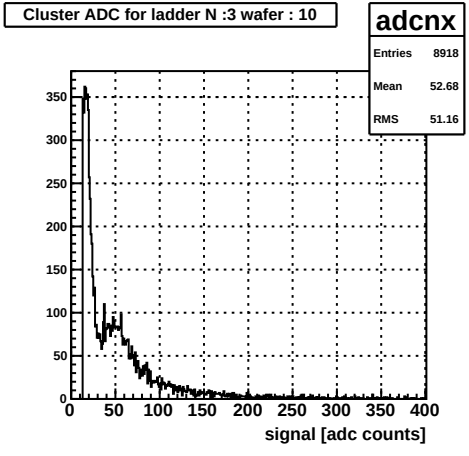

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9397
Mean 56.41
RMS 59.49
signal [adc counts]

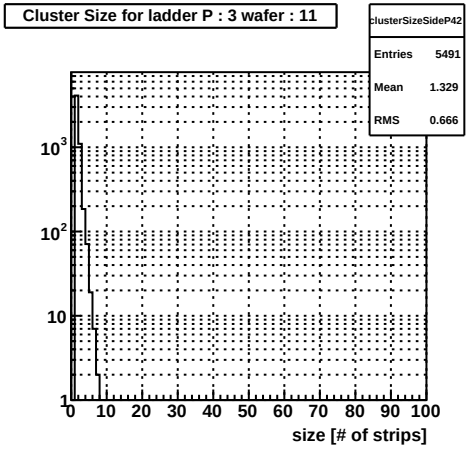

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 6082
Mean 1.334
RMS 0.6414
size [# of strips]

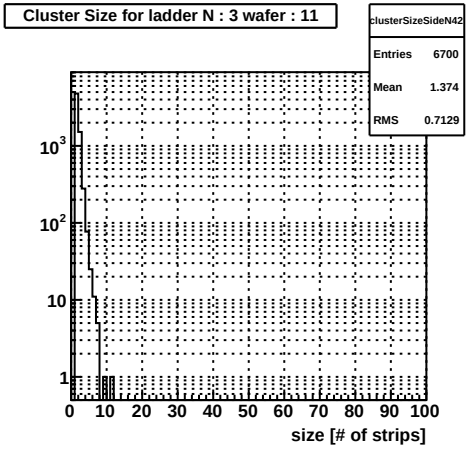

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 8918
Mean 1.371
RMS 0.7102
size [# of strips]

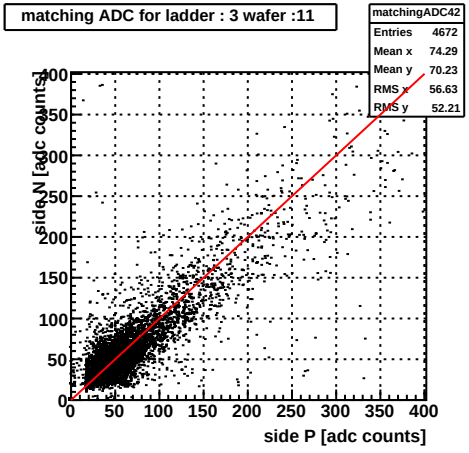

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 5137
Mean x 71.26
Mean y 72.92
RMS x 53.29
RMS y 53.63
side N [adc counts]
side P [adc counts]

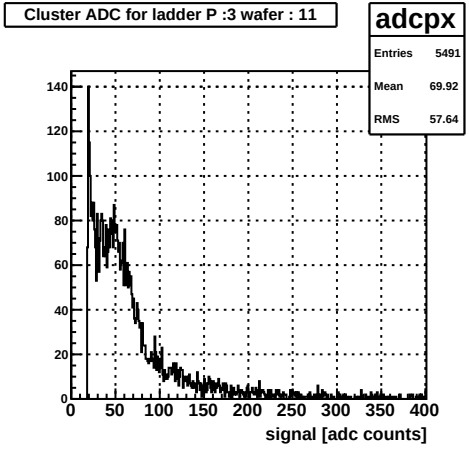

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 6082
Mean 68.83
RMS 54.2
signal [adc counts]

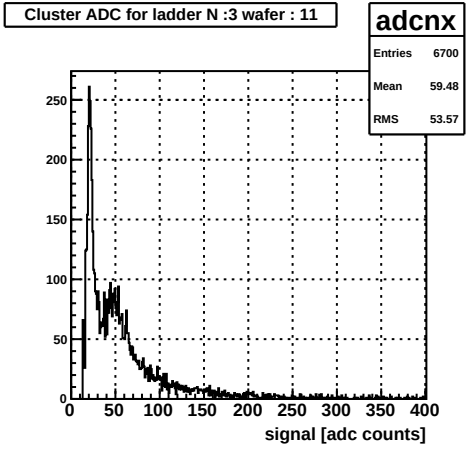

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 8918
Mean 52.68
RMS 51.16
signal [adc counts]

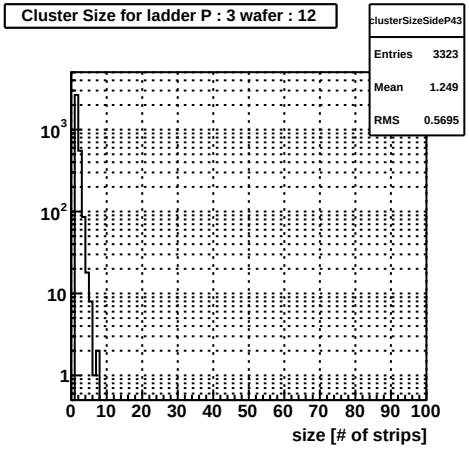

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 5491
Mean 1.329
RMS 0.666
size [# of strips]

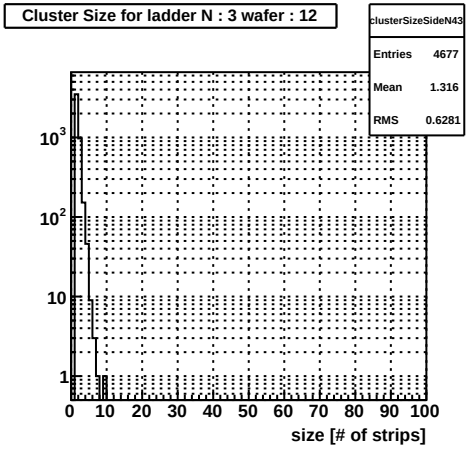

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 6700
Mean 1.374
RMS 0.7129
size [# of strips]

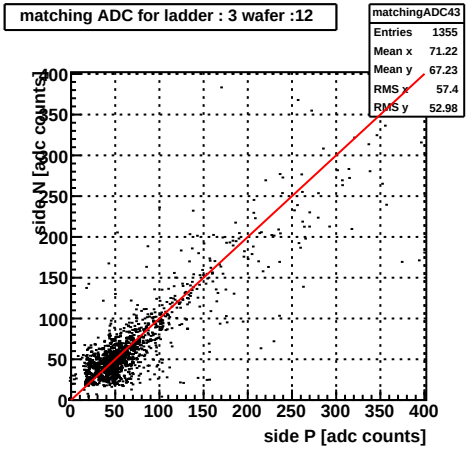

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 4672
Mean x 74.29
Mean y 70.23
RMS x 56.63
RMS y 52.21
side N [adc counts]
side P [adc counts]

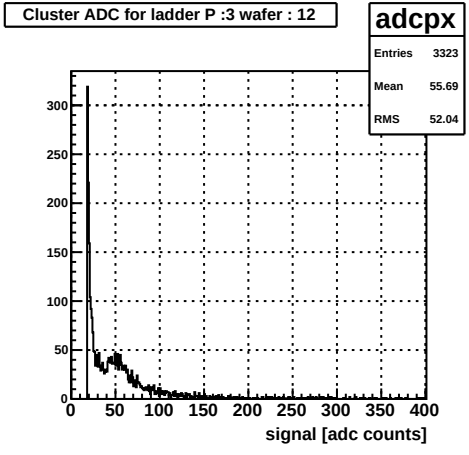

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 5491
Mean 69.92
RMS 57.64
signal [adc counts]

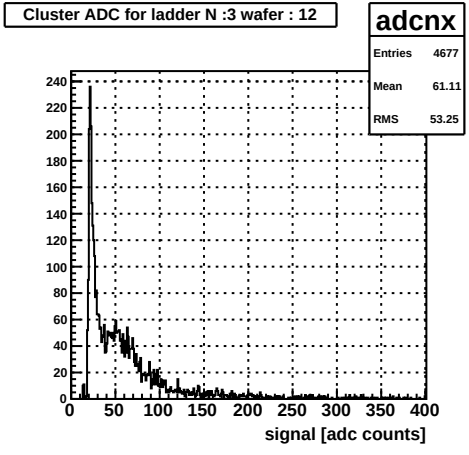

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 6700
Mean 59.48
RMS 53.57
signal [adc counts]

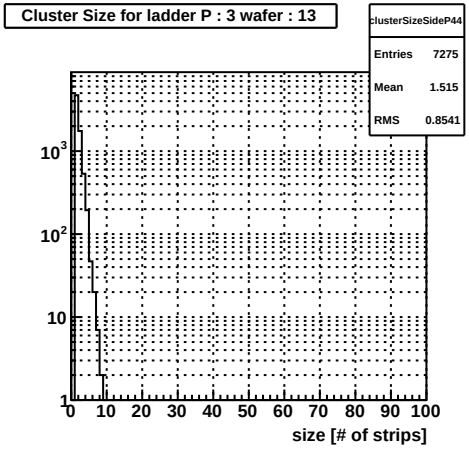

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 3323
Mean 1.249
RMS 0.5695
size [# of strips]

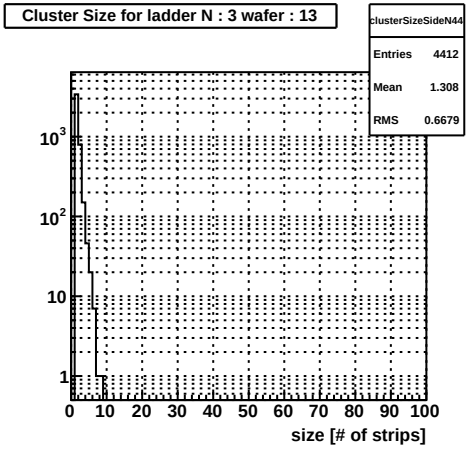

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 4677
Mean 1.316
RMS 0.6281
size [# of strips]

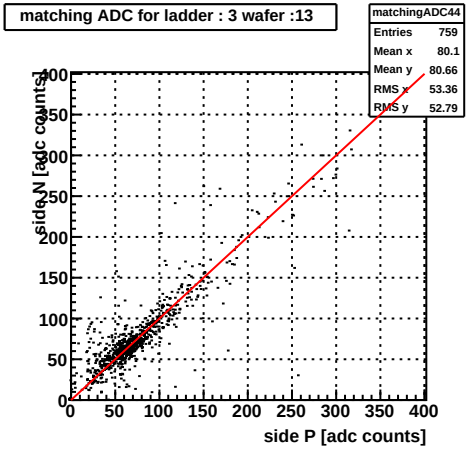

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 1355
Mean x 71.22
Mean y 67.23
RMS x 57.4
RMS y 52.98
side N [adc counts]
side P [adc counts]

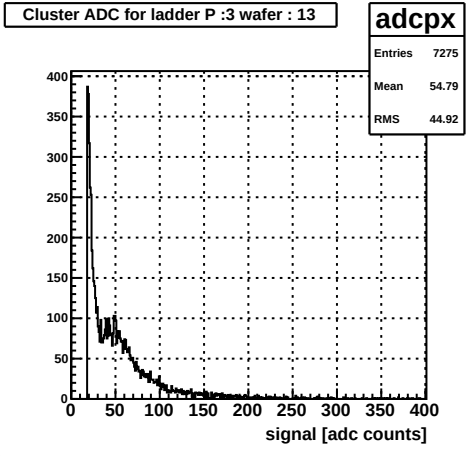

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 3323
Mean 55.69
RMS 52.04
signal [adc counts]

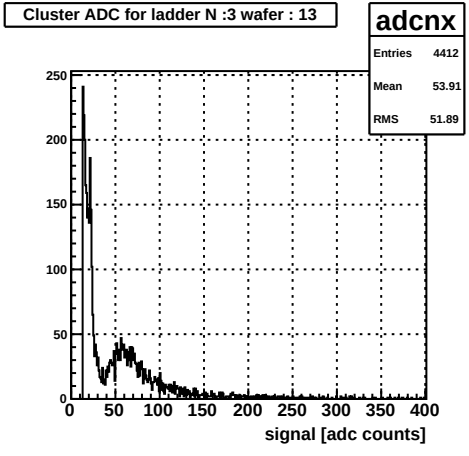

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 4677
Mean 61.11
RMS 53.25
signal [adc counts]

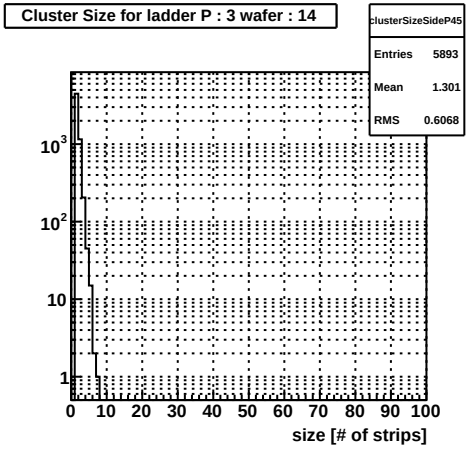

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 7275
Mean 1.515
RMS 0.8541
size [# of strips]

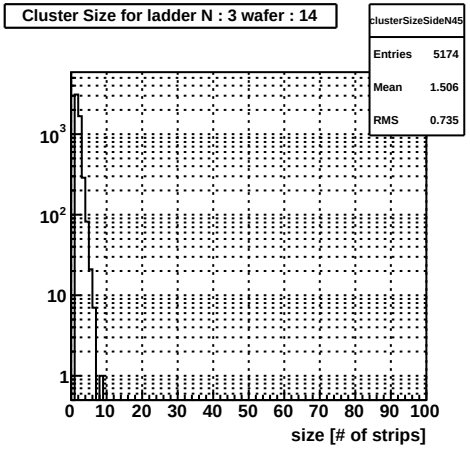

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 4412
Mean 1.308
RMS 0.6679
size [# of strips]

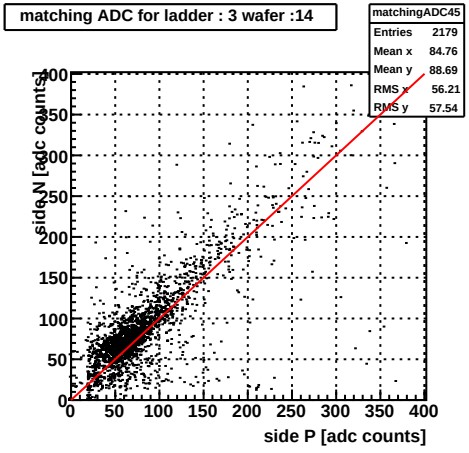

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 759
Mean x 80.1
Mean y 80.66
RMS x 53.36
RMS y 52.79
side N [adc counts]
side P [adc counts]

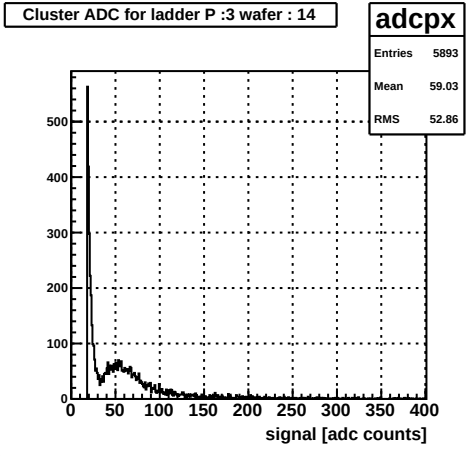

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 7275
Mean 54.79
RMS 44.92
signal [adc counts]

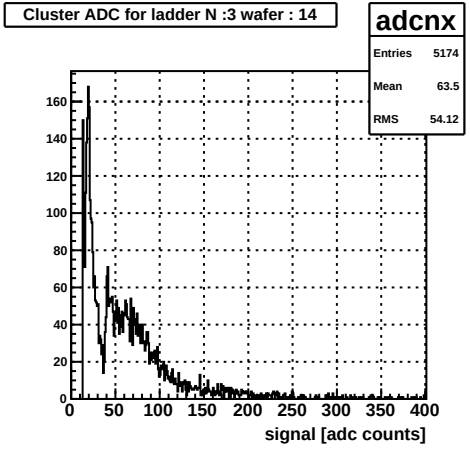

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 4412
Mean 53.91
RMS 51.89
signal [adc counts]

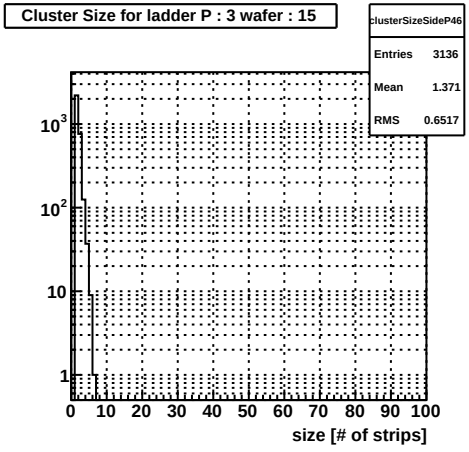

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 5893
Mean 1.301
RMS 0.6068
size [# of strips]

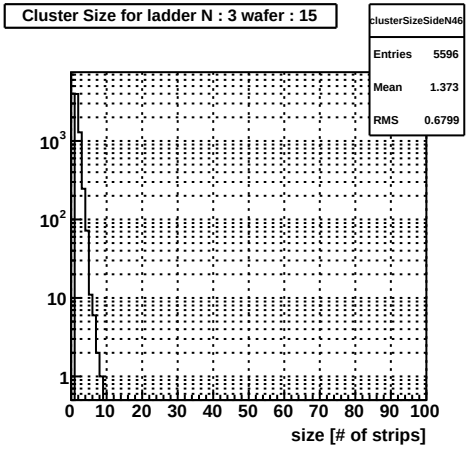

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 5174
Mean 1.506
RMS 0.735
size [# of strips]

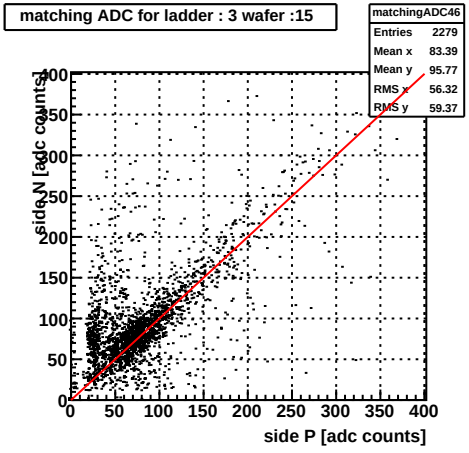

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 2179
Mean x 84.76
Mean y 88.69
RMS x 56.21
RMS y 57.54
side N [adc counts]
side P [adc counts]

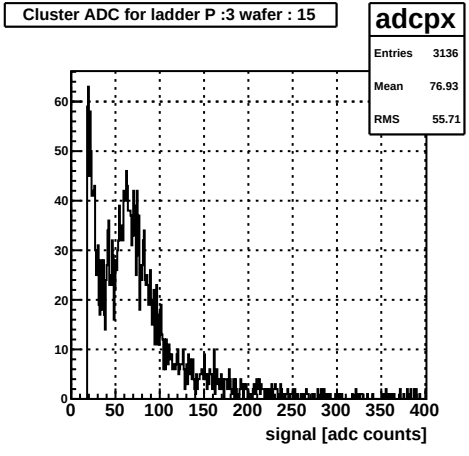

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 5893
Mean 59.03
RMS 52.86
signal [adc counts]

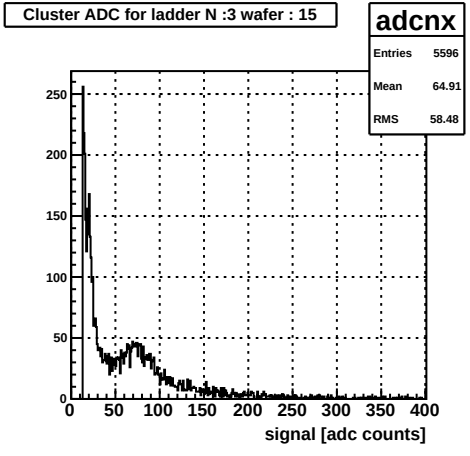

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 5174
Mean 63.5
RMS 54.12
signal [adc counts]

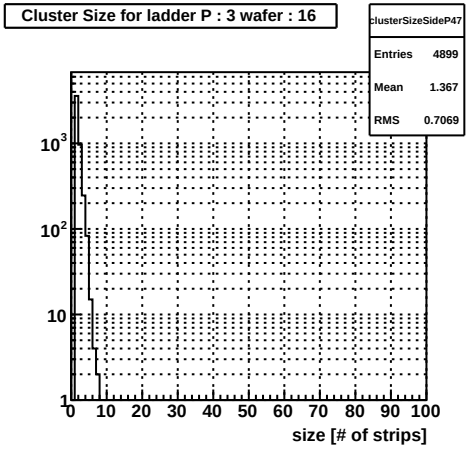

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 3136
Mean 1.371
RMS 0.6517
size [# of strips]

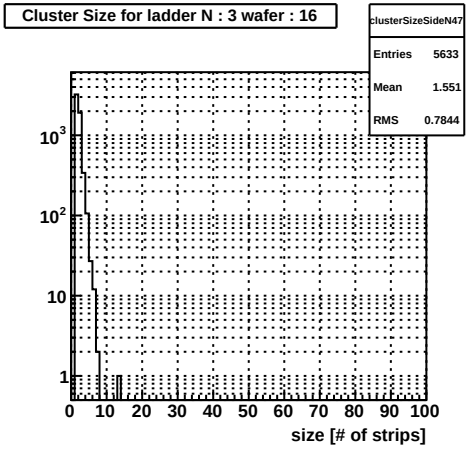

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 5596
Mean 1.373
RMS 0.6799
size [# of strips]

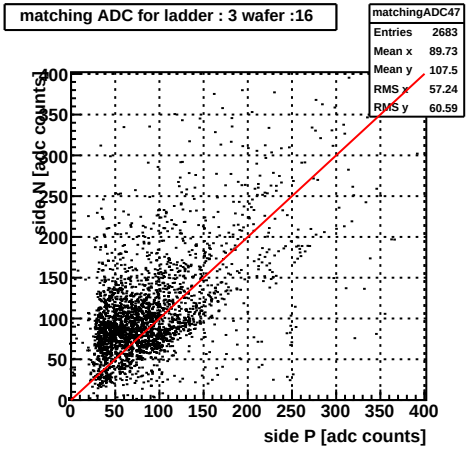

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 2279
Mean x 83.39
Mean y 95.77
RMS x 56.32
RMS y 59.37
side N [adc counts]
side P [adc counts]

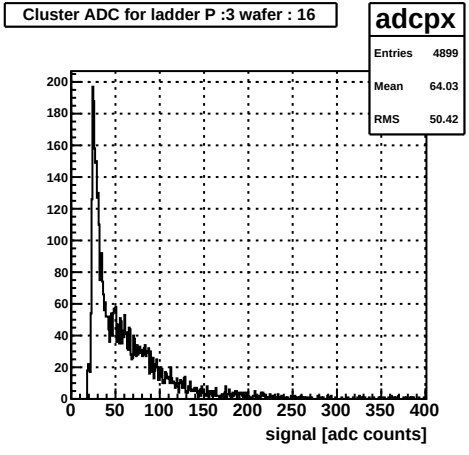

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 3136
Mean 76.93
RMS 55.71
signal [adc counts]

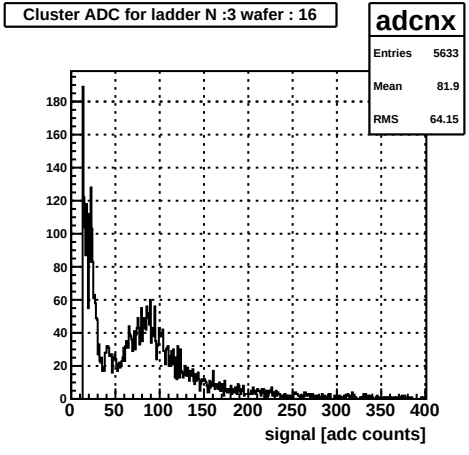

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 5596
Mean 64.91
RMS 58.48
signal [adc counts]

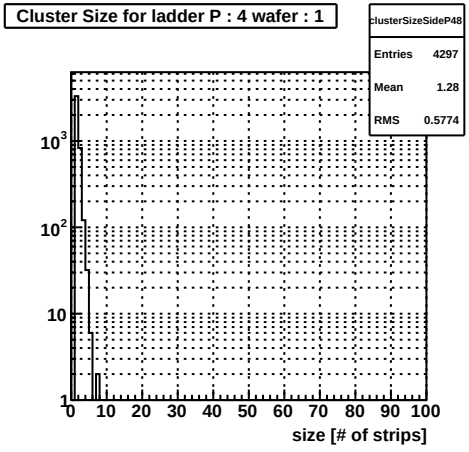

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 4899
Mean 1.367
RMS 0.7069
size [# of strips]

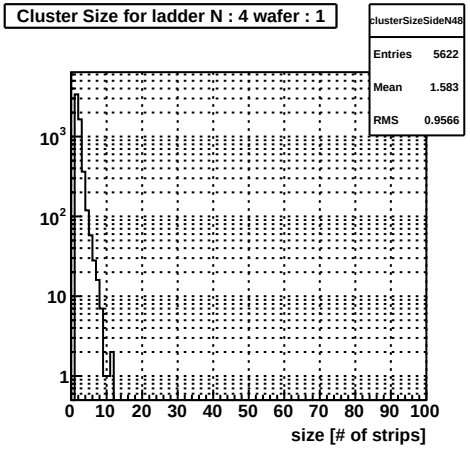

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 5633
Mean 1.551
RMS 0.7844
size [# of strips]

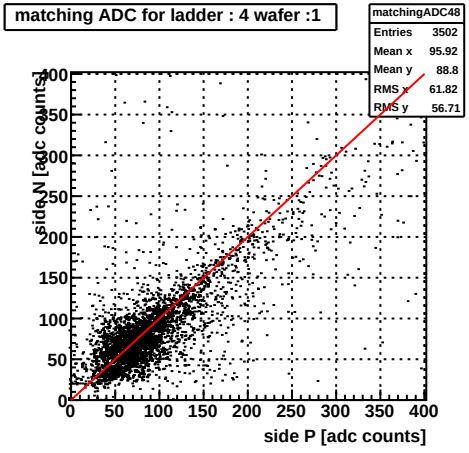

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 2683
Mean x 89.73
Mean y 107.5
RMS x 57.24
RMS y 60.59
side N [adc counts]
side P [adc counts]

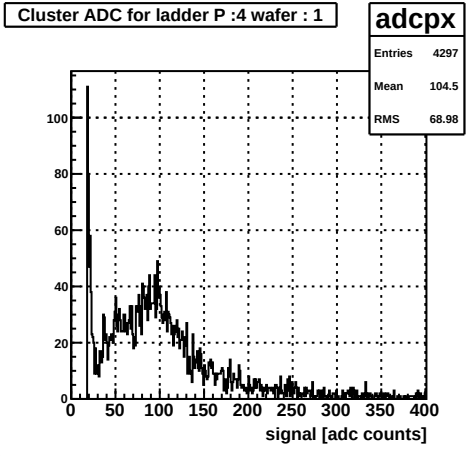

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 4899
Mean 64.03
RMS 50.42
signal [adc counts]

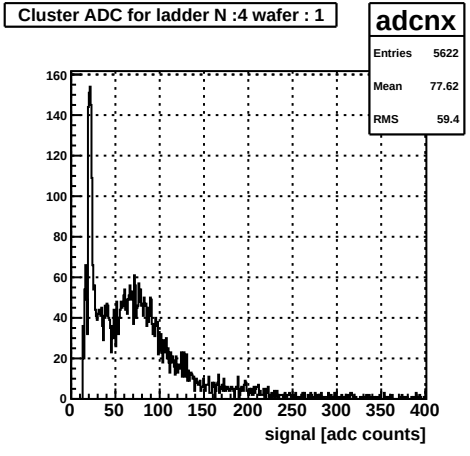

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 5633
Mean 81.9
RMS 64.15
signal [adc counts]

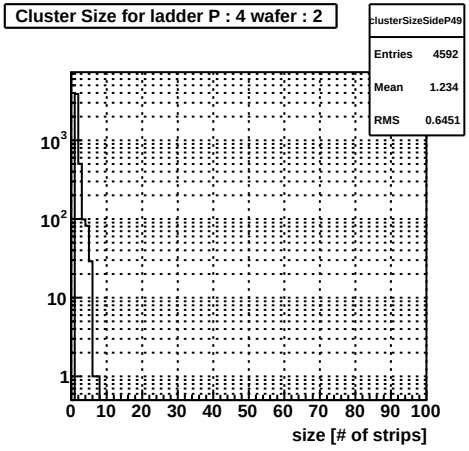

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 4297
Mean 1.28
RMS 0.5774
size [# of strips]

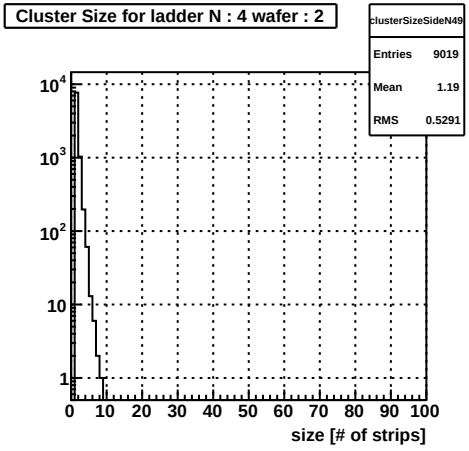

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 5622
Mean 1.583
RMS 0.9566
size [# of strips]

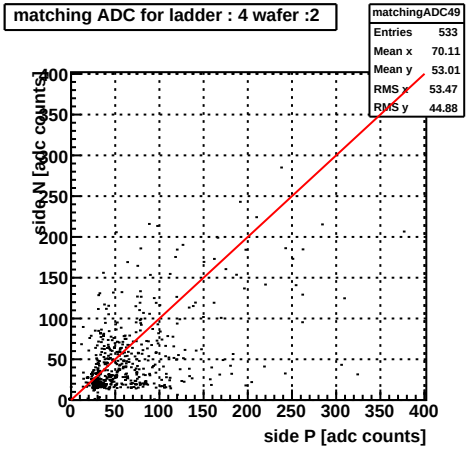

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 3502
Mean x 95.92
Mean y 88.8
RMS x 61.82
RMS y 56.71
side N [adc counts]
side P [adc counts]

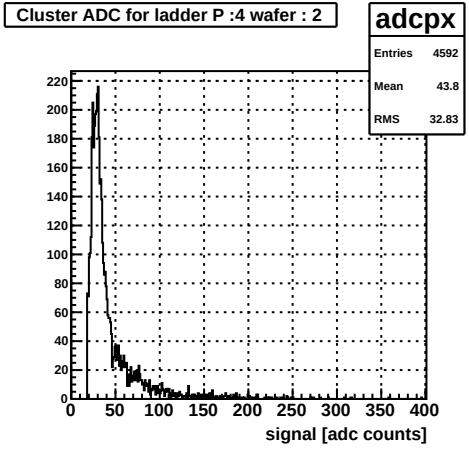

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 4297
Mean 104.5
RMS 68.98
signal [adc counts]

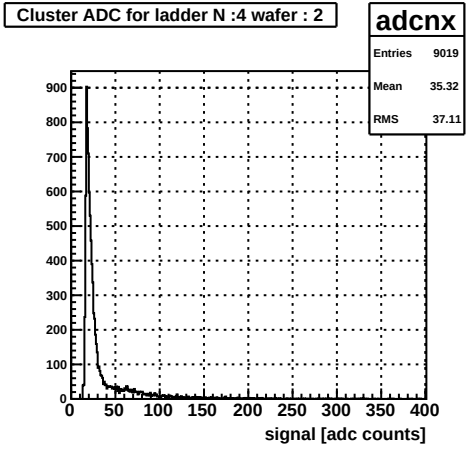

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 5622
Mean 77.62
RMS 59.4
signal [adc counts]

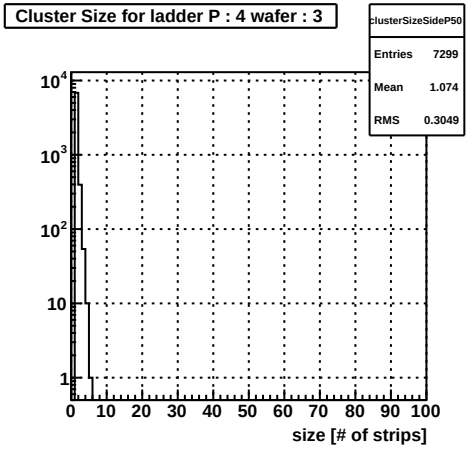

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 4592
Mean 1.234
RMS 0.6451
size [# of strips]

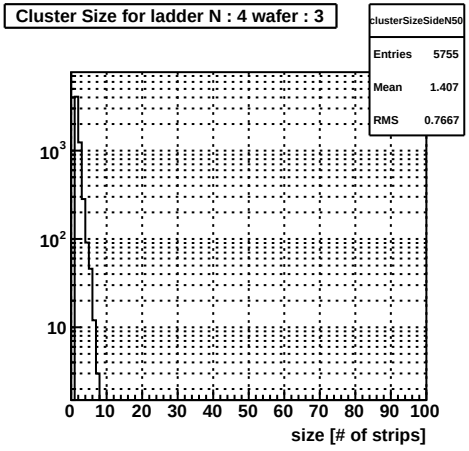

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 9019
Mean 1.19
RMS 0.5291
size [# of strips]

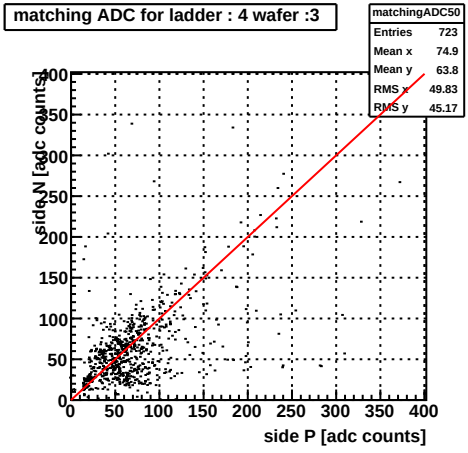

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 533
Mean x 70.11
Mean y 53.01
RMS x 53.47
RMS y 44.88
side N [adc counts]
side P [adc counts]

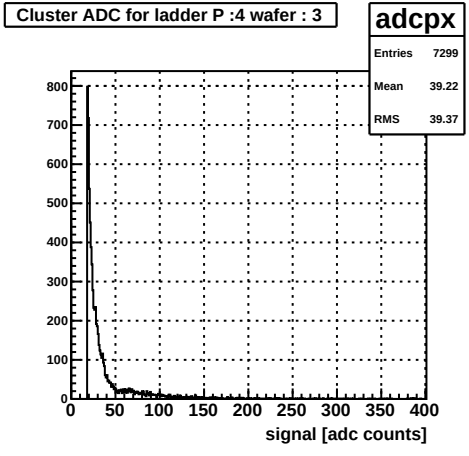

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 4592
Mean 43.8
RMS 32.83
signal [adc counts]

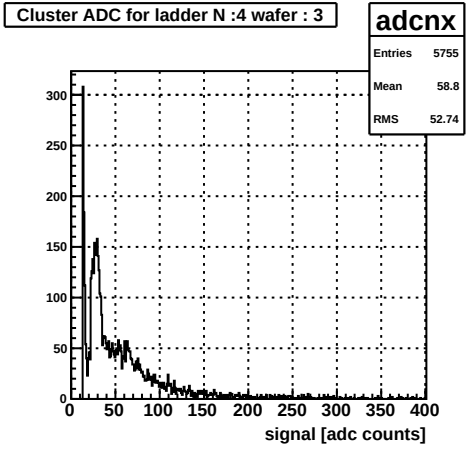

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 9019
Mean 35.32
RMS 37.11
signal [adc counts]

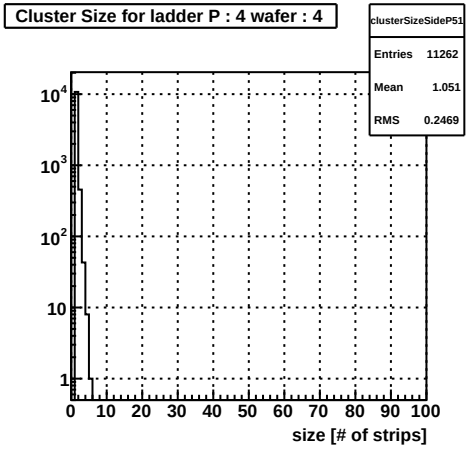

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 7299
Mean 1.074
RMS 0.3049
size [# of strips]

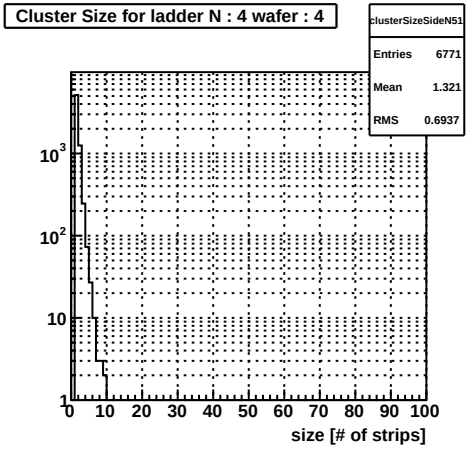

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 5755
Mean 1.407
RMS 0.7667
size [# of strips]

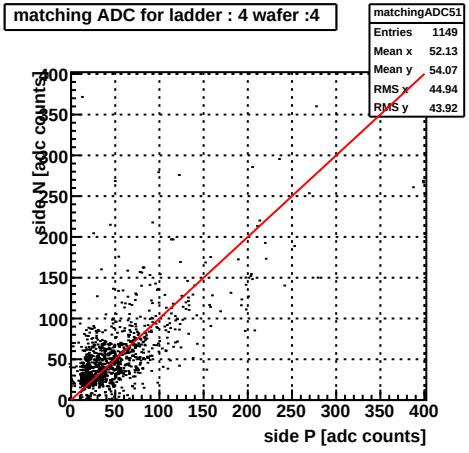

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 723
Mean x 74.9
Mean y 63.8
RMS x 49.83
RMS y 45.17
side N [adc counts]
side P [adc counts]

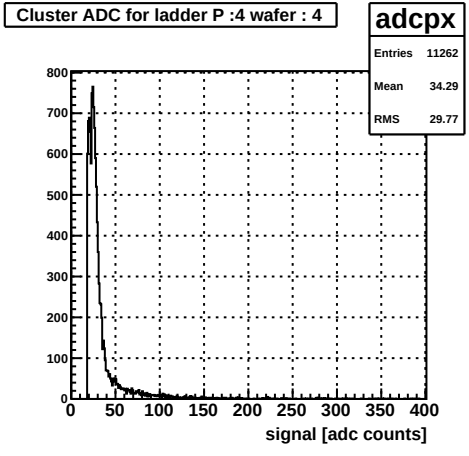

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 7299
Mean 39.22
RMS 39.37
signal [adc counts]

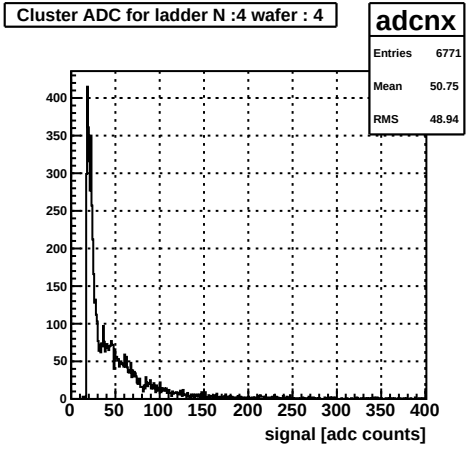

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 5755
Mean 58.8
RMS 52.74
signal [adc counts]

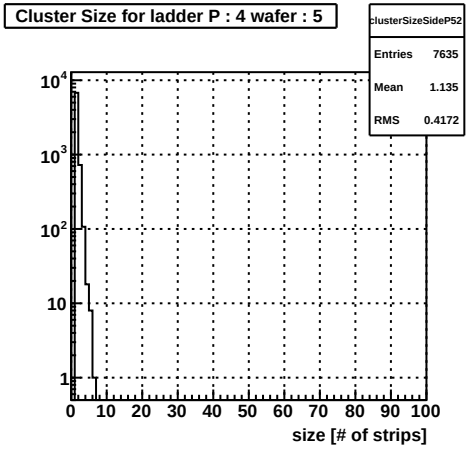

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11262
Mean 1.051
RMS 0.2469
size [# of strips]

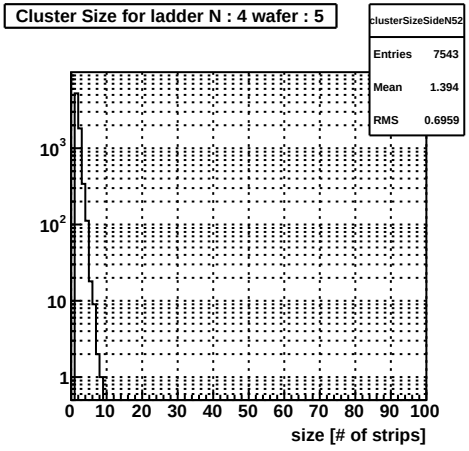

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 6771
Mean 1.321
RMS 0.6937
size [# of strips]

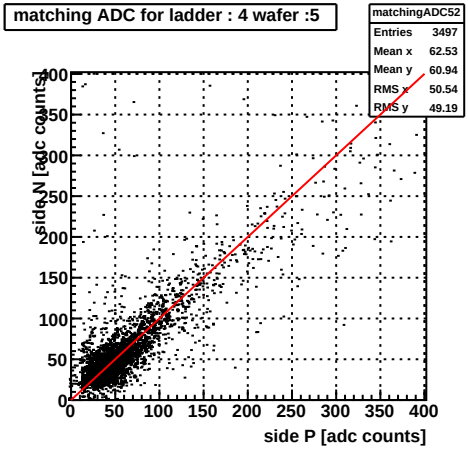

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 1149
Mean x 52.13
Mean y 54.07
RMS x 44.94
RMS y 43.92
side N [adc counts]
side P [adc counts]

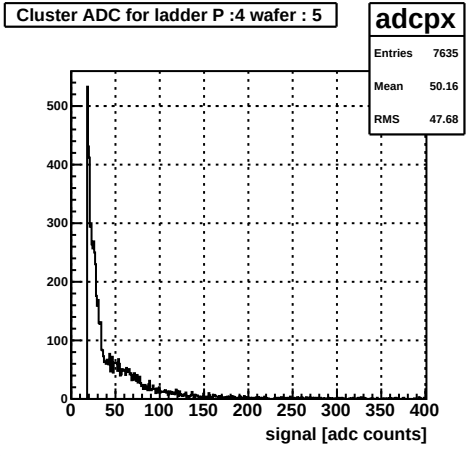

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11262
Mean 34.29
RMS 29.77
signal [adc counts]

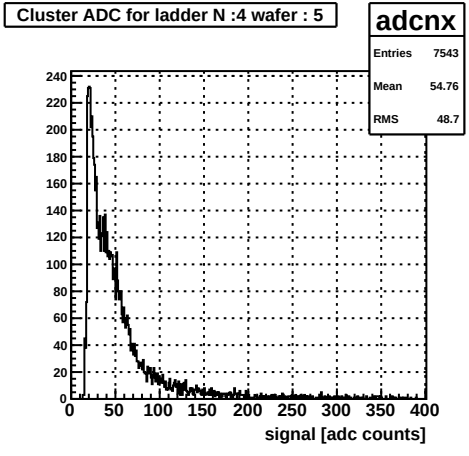

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 6771
Mean 50.75
RMS 48.94
signal [adc counts]

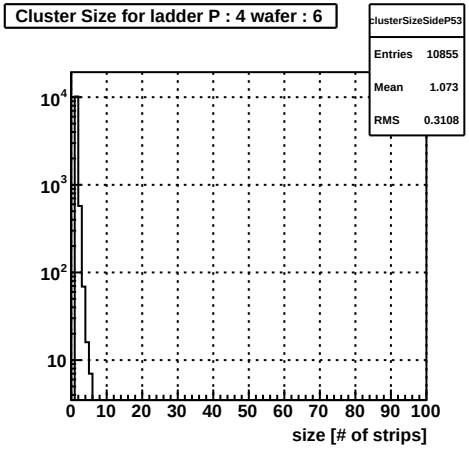

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7635
Mean 1.135
RMS 0.4172
size [# of strips]

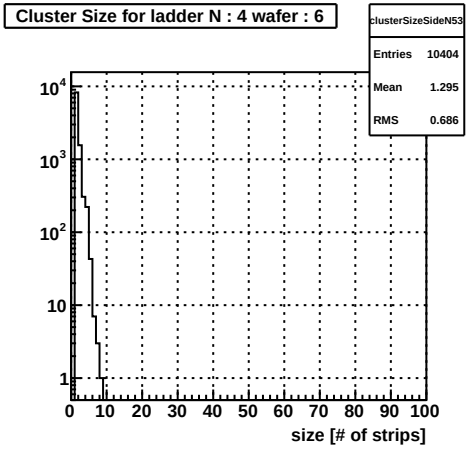

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 7543
Mean 1.394
RMS 0.6959
size [# of strips]

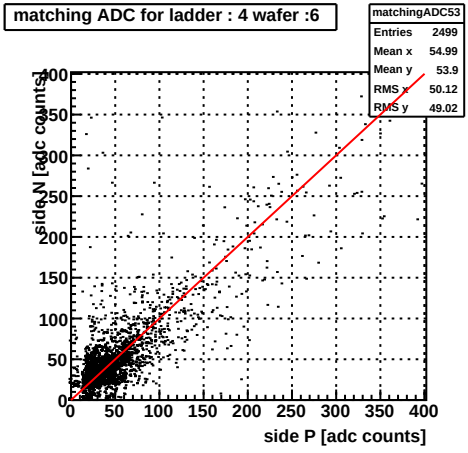

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 3497
Mean x 62.53
Mean y 60.94
RMS x 50.54
RMS y 49.19
side N [adc counts]
side P [adc counts]

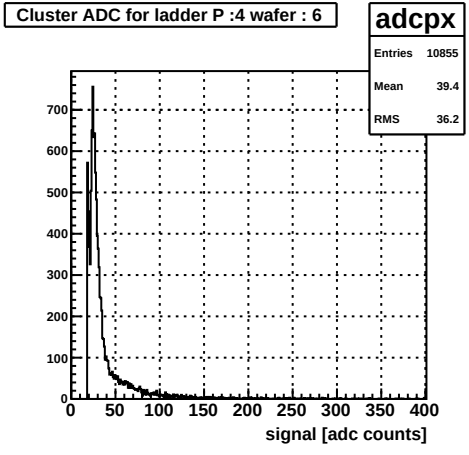

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7635
Mean 50.16
RMS 47.68
signal [adc counts]

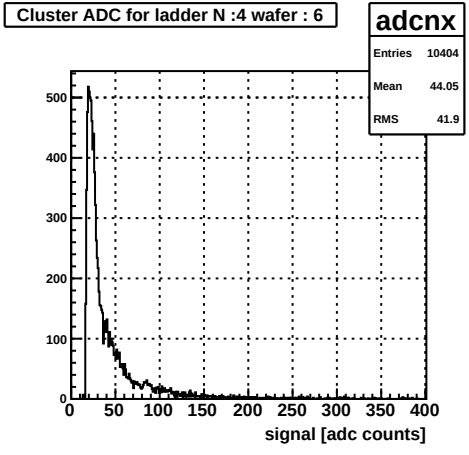

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 7543
Mean 54.76
RMS 48.7
signal [adc counts]

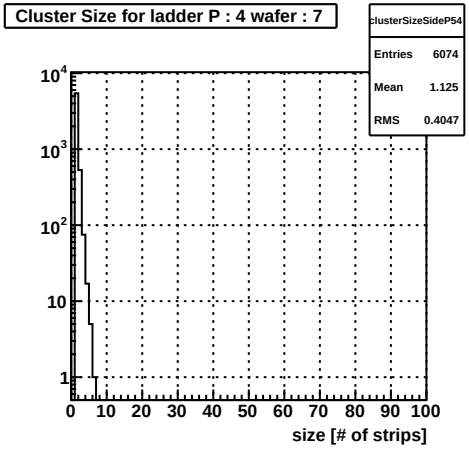

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 10855
Mean 1.073
RMS 0.3108
size [# of strips]

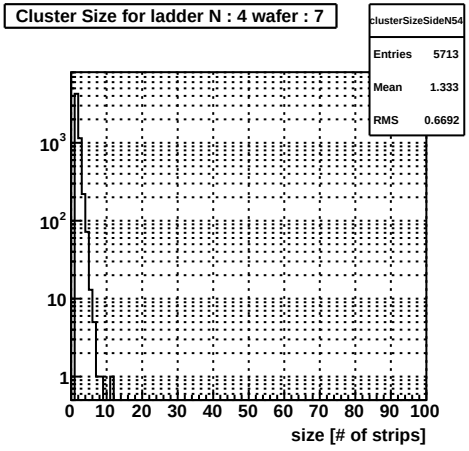

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 10404
Mean 1.295
RMS 0.686
size [# of strips]

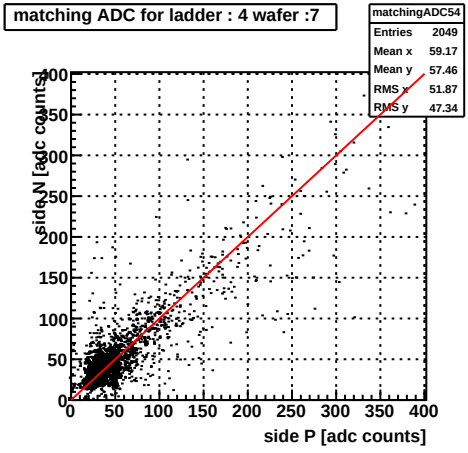

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 2499
Mean x 54.99
Mean y 53.9
RMS x 50.12
RMS y 49.02
side N [adc counts]
side P [adc counts]

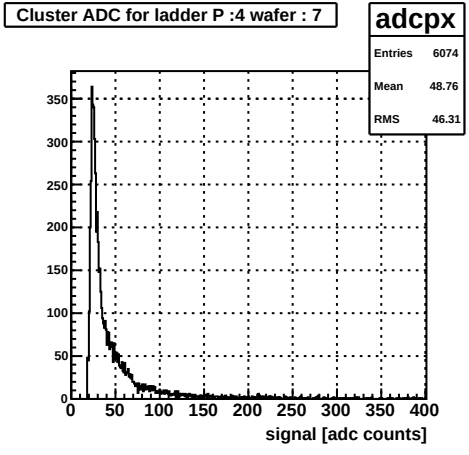

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 10855
Mean 39.4
RMS 36.2
signal [adc counts]

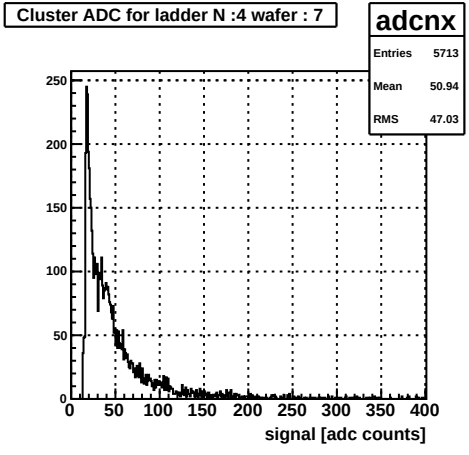

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 10404
Mean 44.05
RMS 41.9
signal [adc counts]

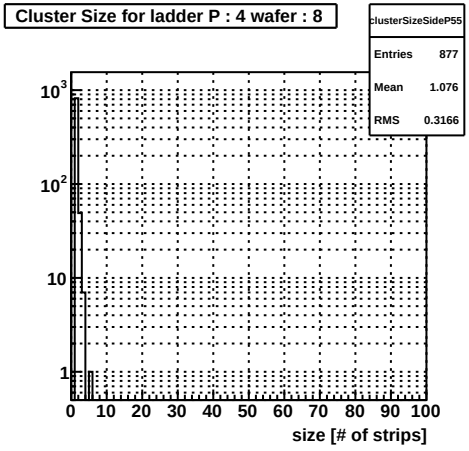

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 6074
Mean 1.125
RMS 0.4047
size [# of strips]

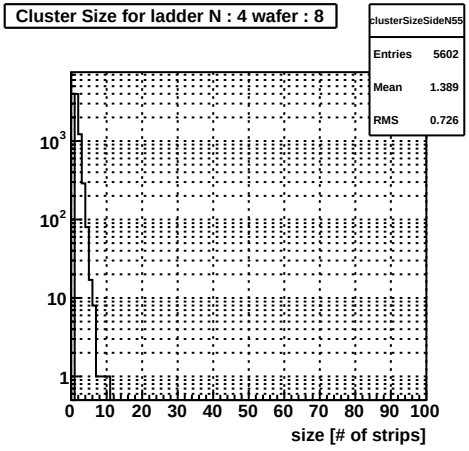

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 5713
Mean 1.333
RMS 0.6692
size [# of strips]

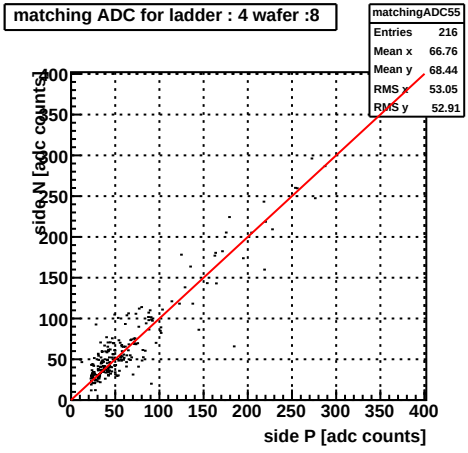

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 2049
Mean x 59.17
Mean y 57.46
RMS x 51.87
RMS y 47.34
side N [adc counts]
side P [adc counts]

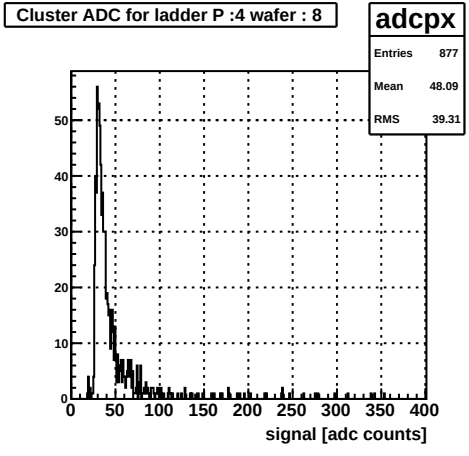

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 6074
Mean 48.76
RMS 46.31
signal [adc counts]

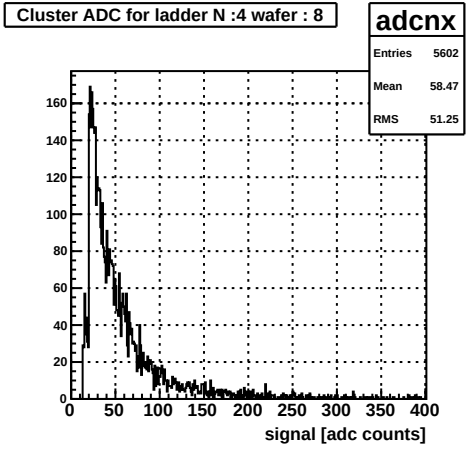

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 5713
Mean 50.94
RMS 47.03
signal [adc counts]

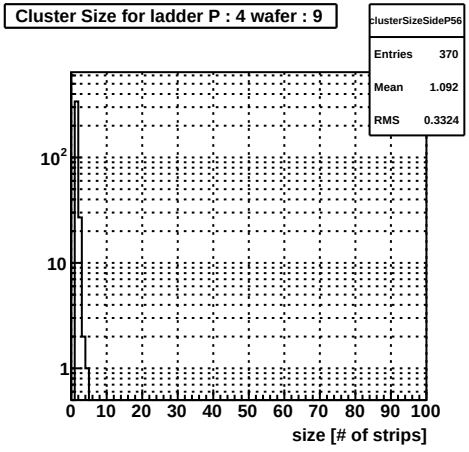

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 877
Mean 1.076
RMS 0.3166
size [# of strips]

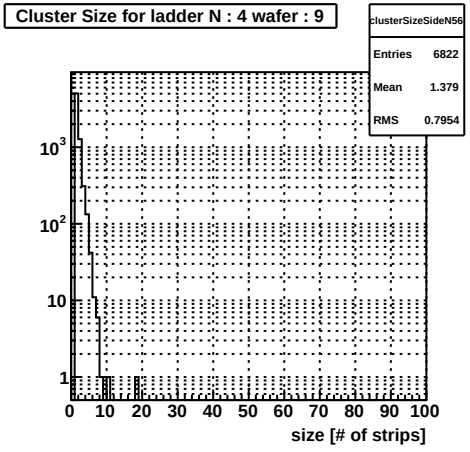

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 5602
Mean 1.389
RMS 0.726
size [# of strips]

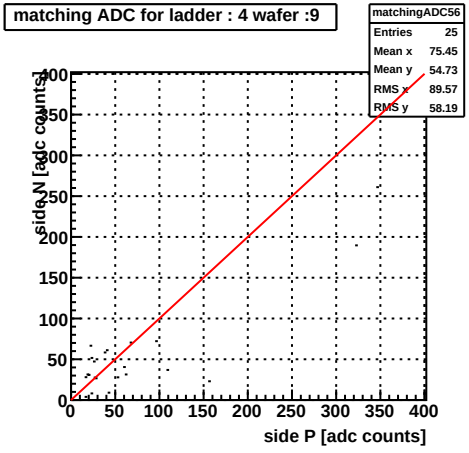

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 216
Mean x 66.76
Mean y 68.44
RMS x 53.05
RMS y 52.91
side N [adc counts]
side P [adc counts]

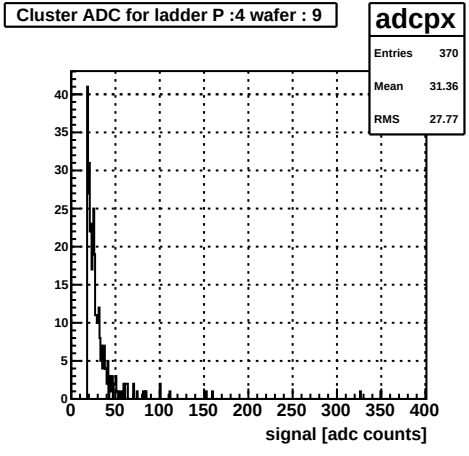

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 877
Mean 48.09
RMS 39.31
signal [adc counts]

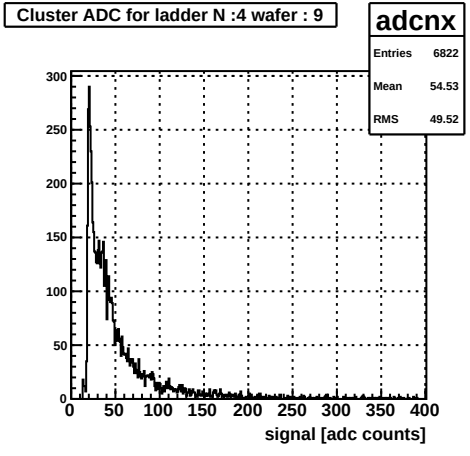

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 5602
Mean 58.47
RMS 51.25
signal [adc counts]

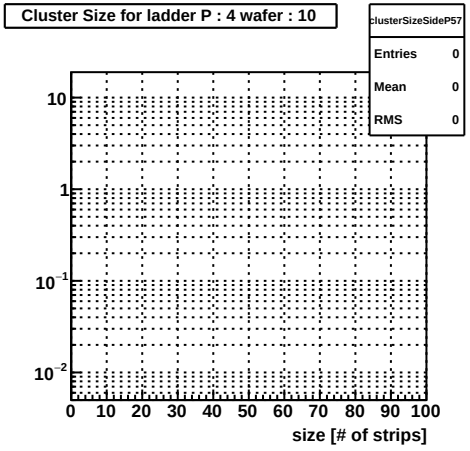

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 370
Mean 1.092
RMS 0.3324
size [# of strips]

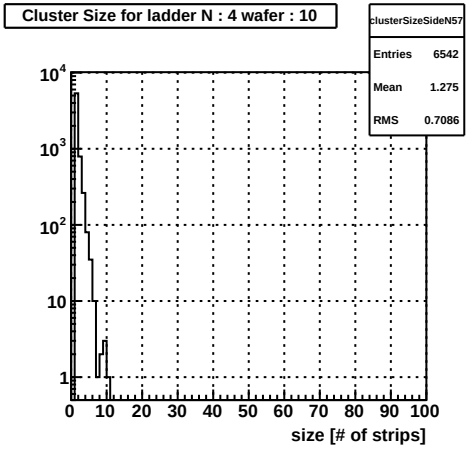

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 6822
Mean 1.379
RMS 0.7954
size [# of strips]

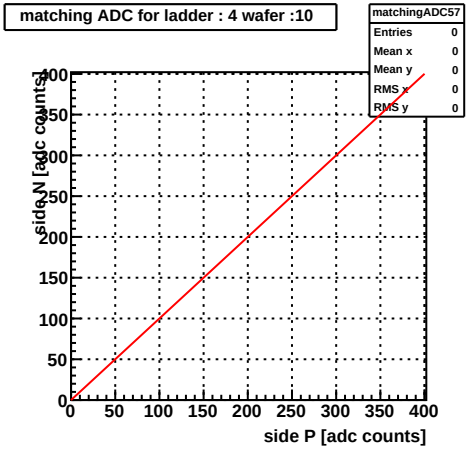

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 25
Mean x 75.45
Mean y 54.73
RMS x 89.57
RMS y 58.19
side N [adc counts]
side P [adc counts]

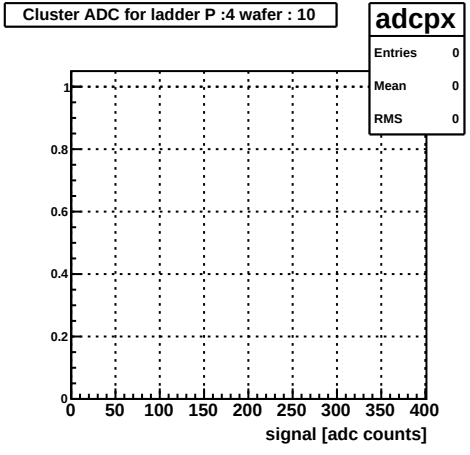

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 370
Mean 31.36
RMS 27.77
signal [adc counts]

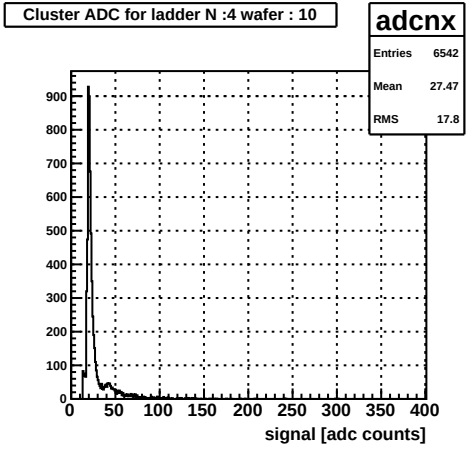

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 6822
Mean 54.53
RMS 49.52
signal [adc counts]

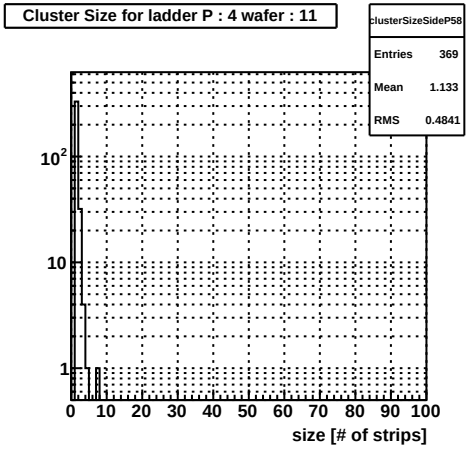

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

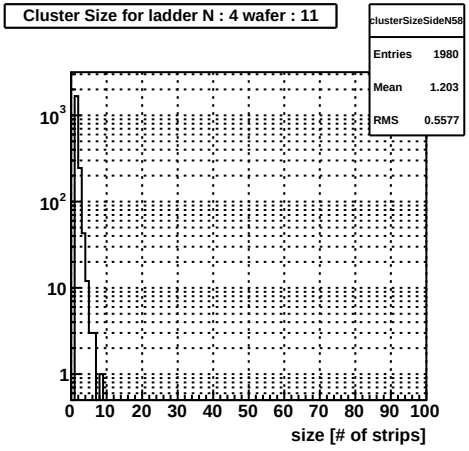

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 6542
Mean 1.275
RMS 0.7086
size [# of strips]

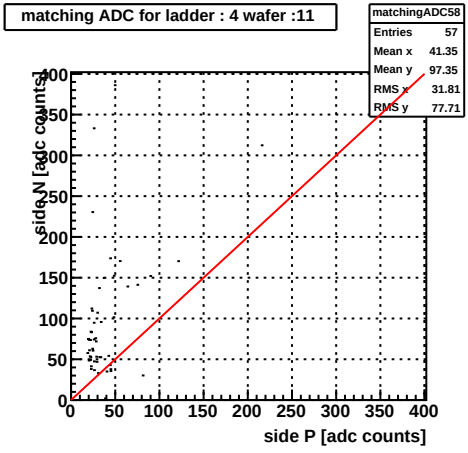

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

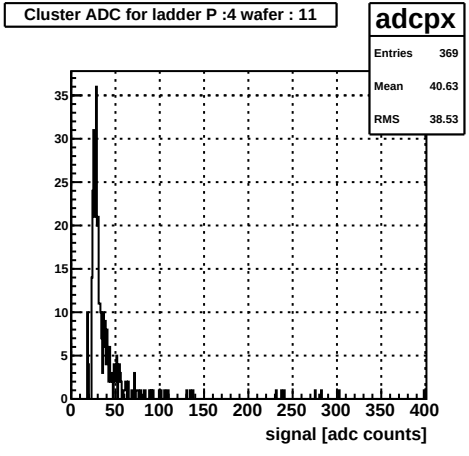

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

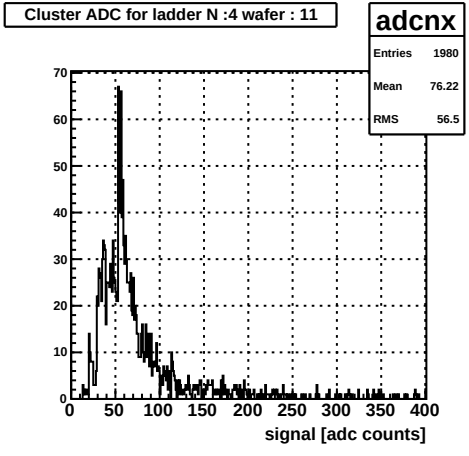

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 6542
Mean 27.47
RMS 17.8
signal [adc counts]

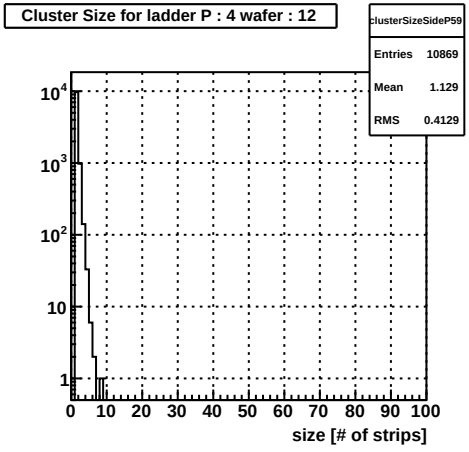

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 369
Mean 1.133
RMS 0.4841
size [# of strips]

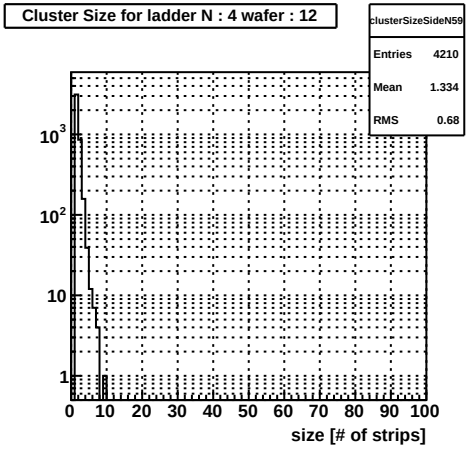

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1980
Mean 1.203
RMS 0.5577
size [# of strips]

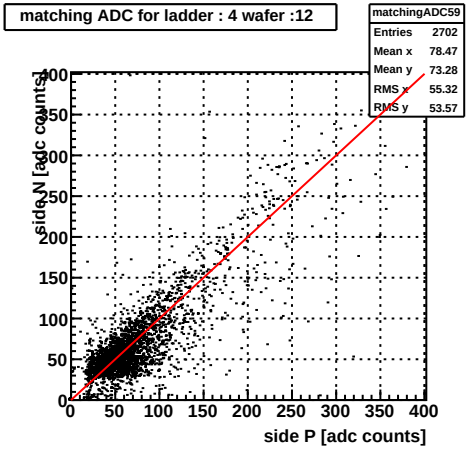

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 57
Mean x 41.35
Mean y 97.35
RMS x 31.81
RMS y 77.71
side N [adc counts]
side P [adc counts]

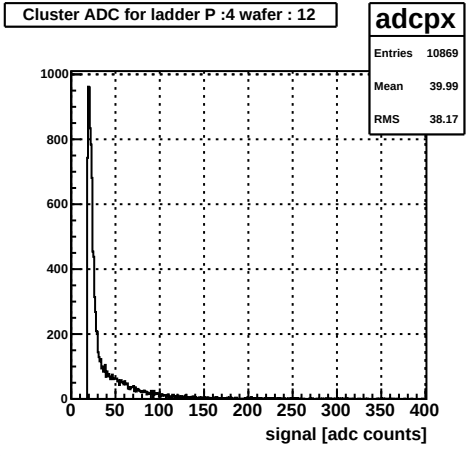

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 369
Mean 40.63
RMS 38.53
signal [adc counts]

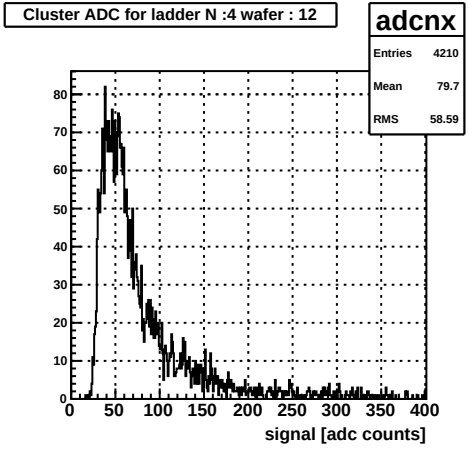

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1980
Mean 76.22
RMS 56.5
signal [adc counts]

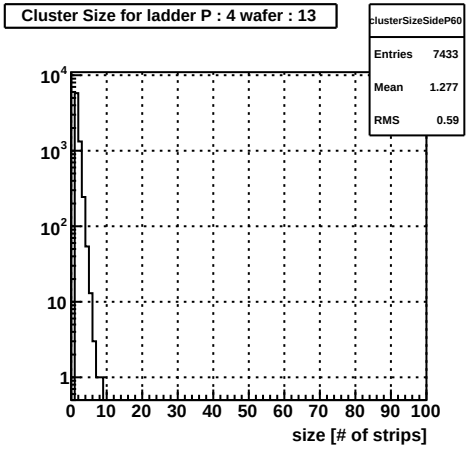

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10869
Mean 1.129
RMS 0.4129
size [# of strips]

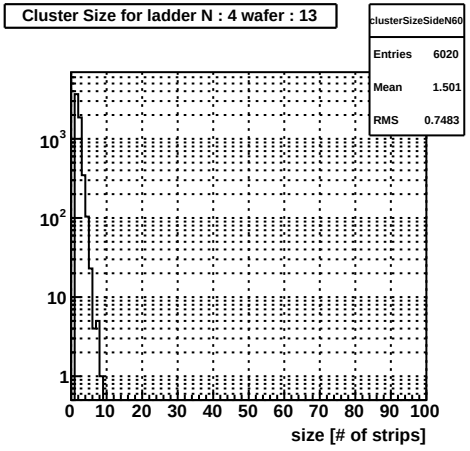

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 4210
Mean 1.334
RMS 0.68
size [# of strips]

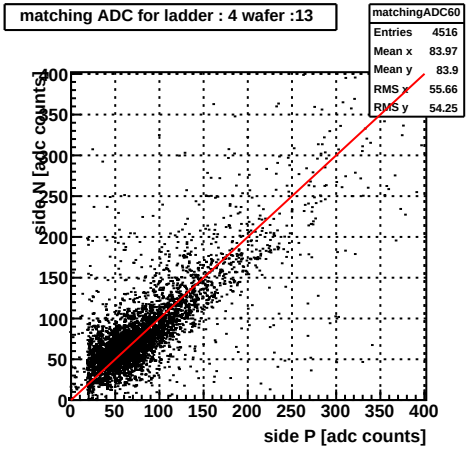

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 2702
Mean x 78.47
Mean y 73.28
RMS x 55.32
RMS y 53.57
side N [adc counts]
side P [adc counts]

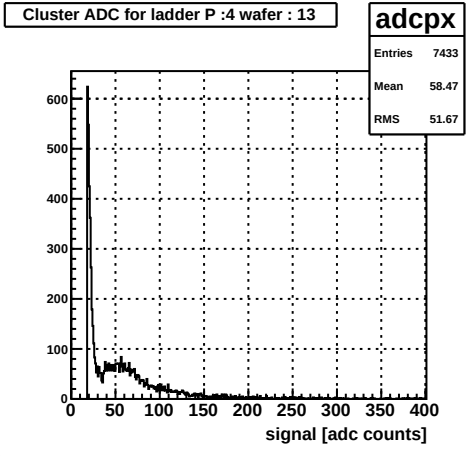

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10869
Mean 39.99
RMS 38.17
signal [adc counts]

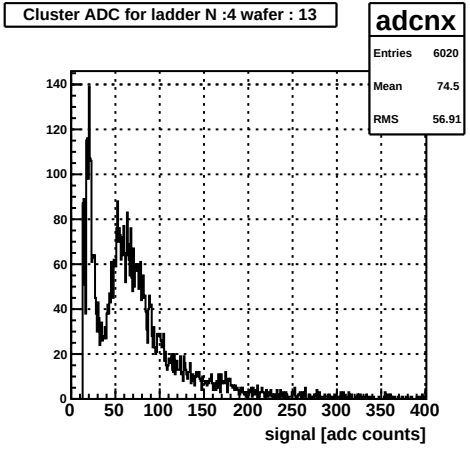

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 4210
Mean 79.7
RMS 58.59
signal [adc counts]

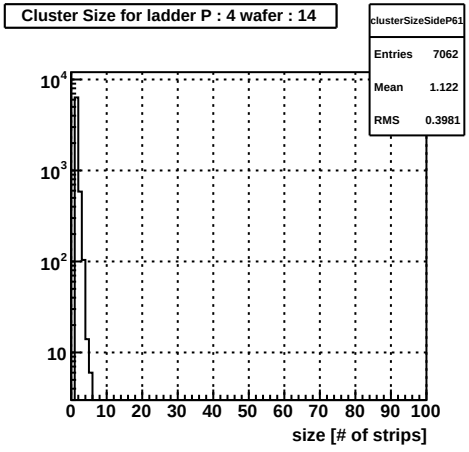

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7433
Mean 1.277
RMS 0.59
size [# of strips]

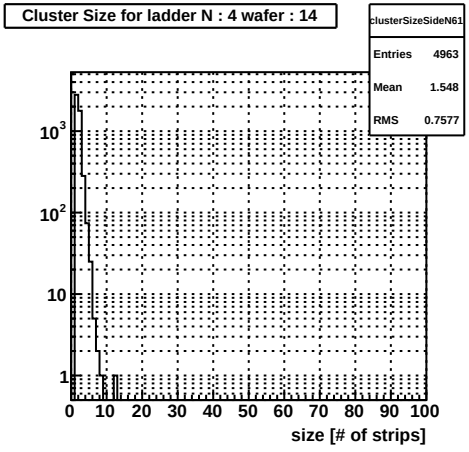

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 6020
Mean 1.501
RMS 0.7483
size [# of strips]

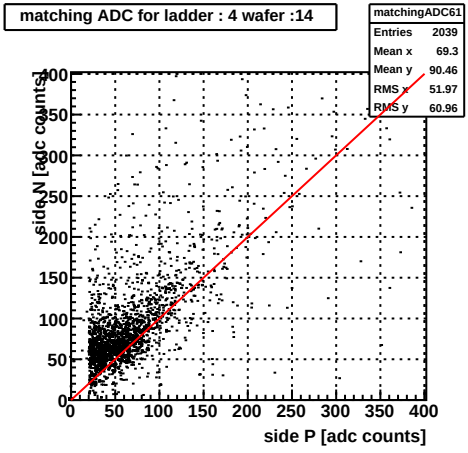

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 4516
Mean x 83.97
Mean y 83.9
RMS x 55.66
RMS y 54.25
side N [adc counts]
side P [adc counts]

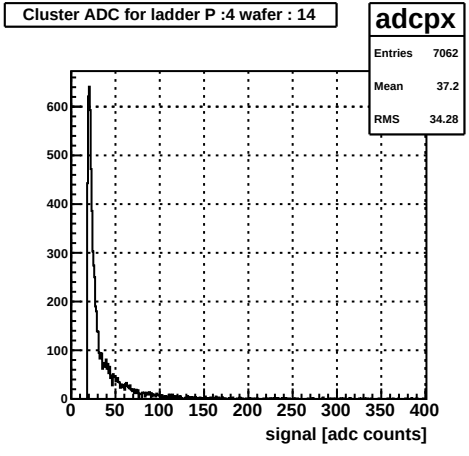

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7433
Mean 58.47
RMS 51.67
signal [adc counts]

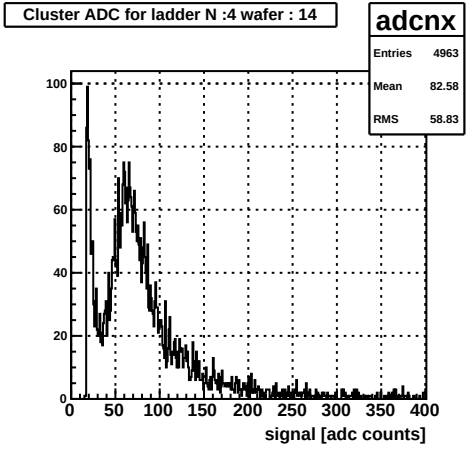

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 6020
Mean 74.5
RMS 56.91
signal [adc counts]

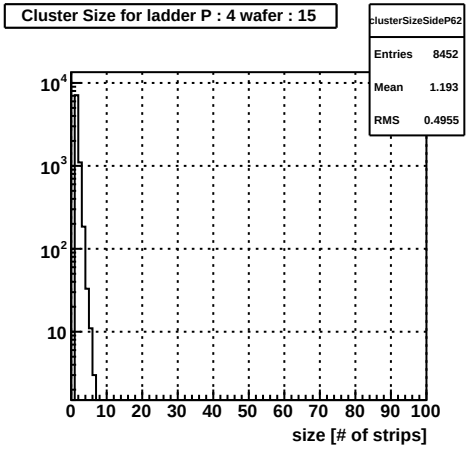

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 7062
Mean 1.122
RMS 0.3981
size [# of strips]

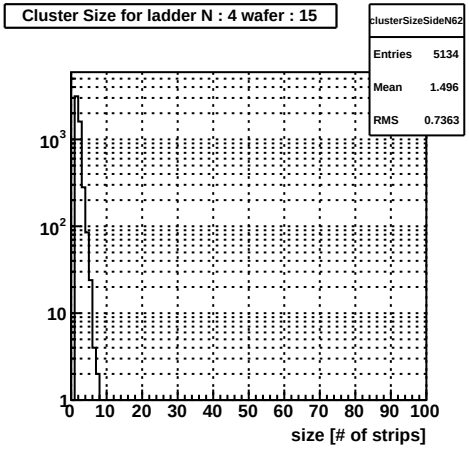

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 4963
Mean 1.548
RMS 0.7577
size [# of strips]

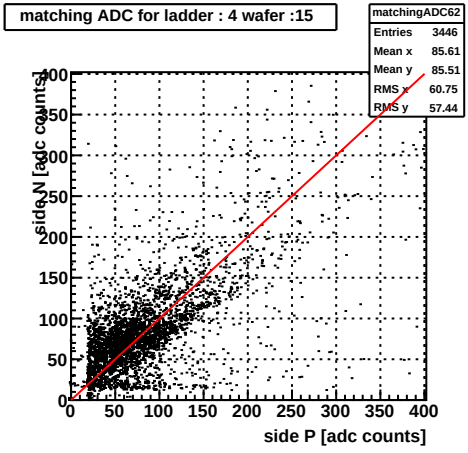

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 2039
Mean x 69.3
Mean y 90.46
RMS x 51.97
RMS y 60.96
side N [adc counts]
side P [adc counts]

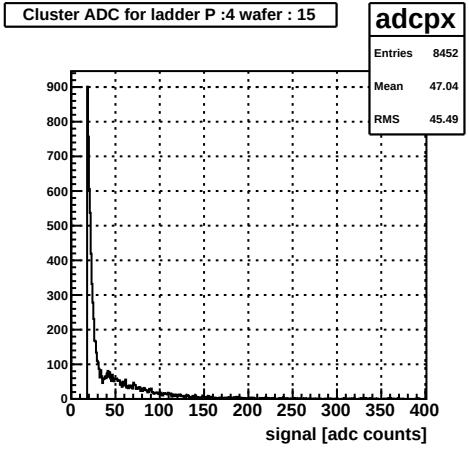

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 7062
Mean 37.2
RMS 34.28
signal [adc counts]

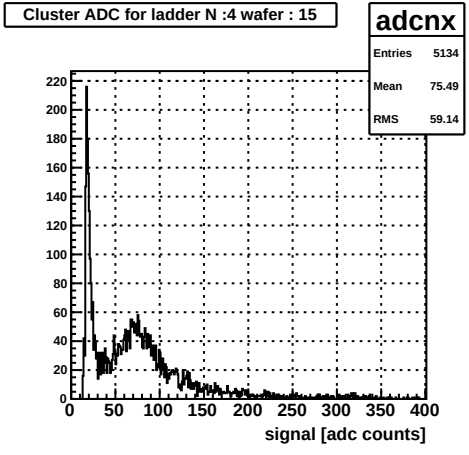

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 4963
Mean 82.58
RMS 58.83
signal [adc counts]

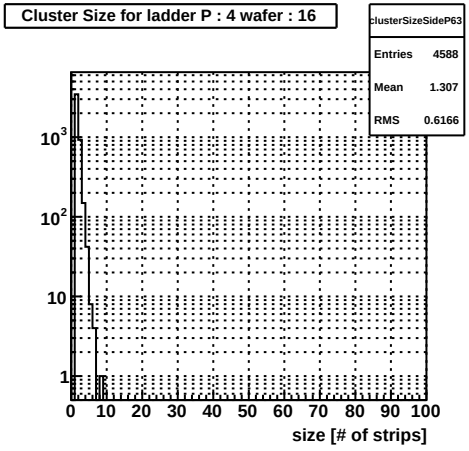

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8452
Mean 1.193
RMS 0.4955
size [# of strips]

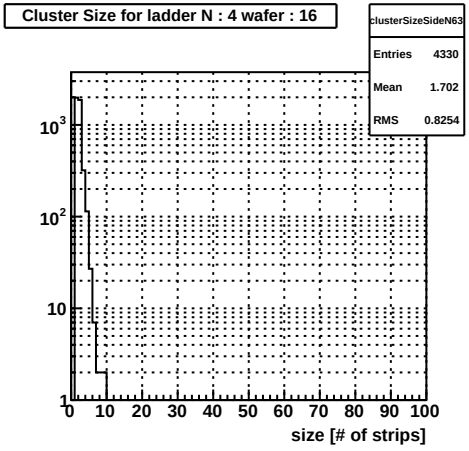

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 5134
Mean 1.496
RMS 0.7363
size [# of strips]

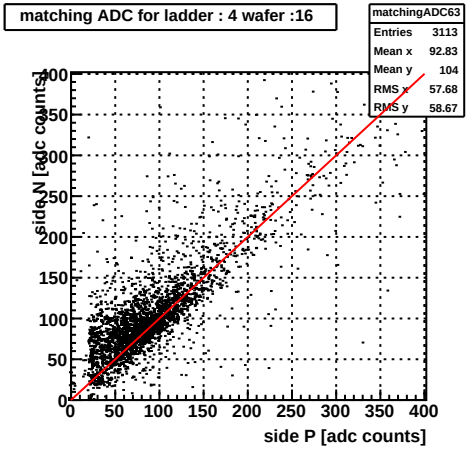

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 3446
Mean x 85.61
Mean y 85.51
RMS x 60.75
RMS y 57.44
side N [adc counts]
side P [adc counts]

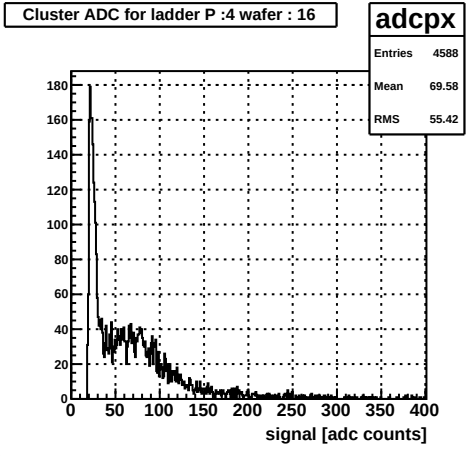

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8452
Mean 47.04
RMS 45.49
signal [adc counts]

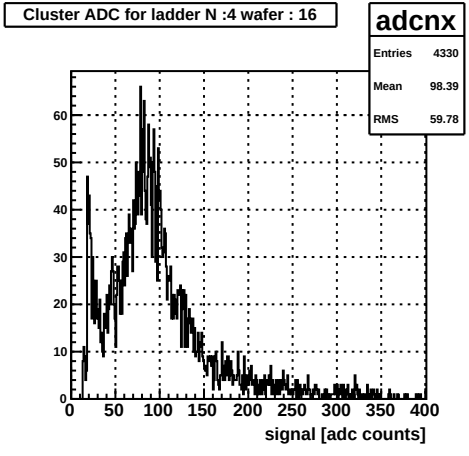

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 5134
Mean 75.49
RMS 59.14
signal [adc counts]

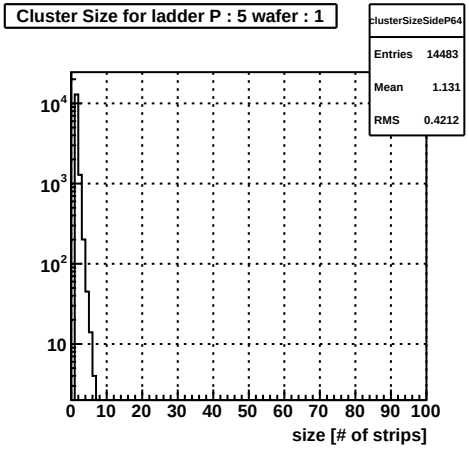

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 4588
Mean 1.307
RMS 0.6166
size [# of strips]

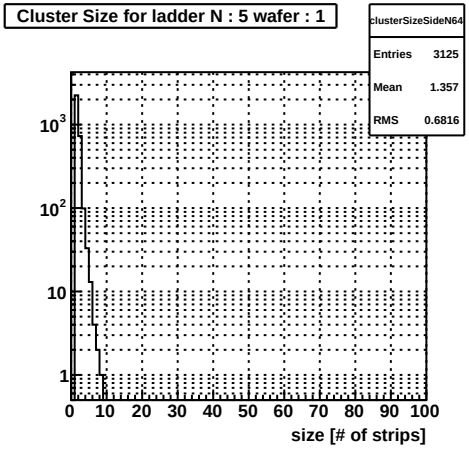

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 4330
Mean 1.702
RMS 0.8254
size [# of strips]

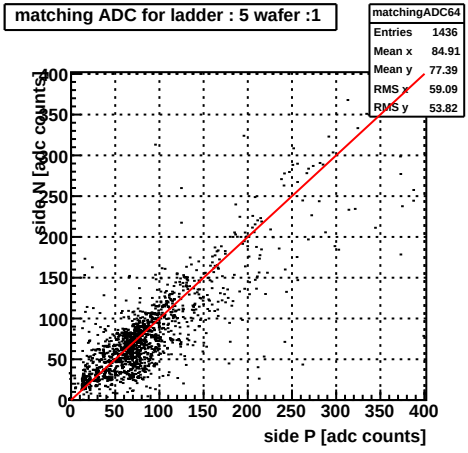

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 3113
Mean x 92.83
Mean y 104
RMS x 57.68
RMS y 58.67
side N [adc counts]
side P [adc counts]

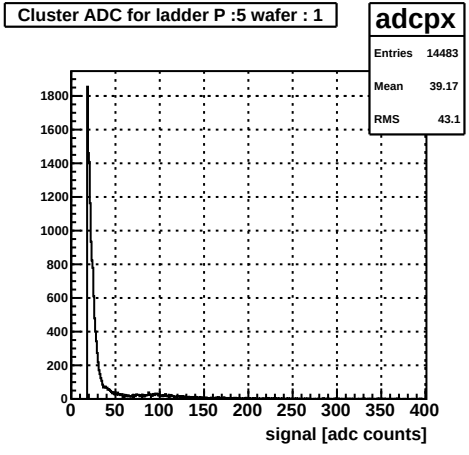

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 4588
Mean 69.58
RMS 55.42
signal [adc counts]

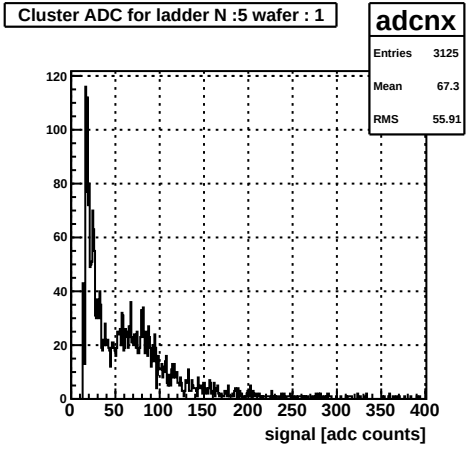

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 4330
Mean 98.39
RMS 59.78
signal [adc counts]

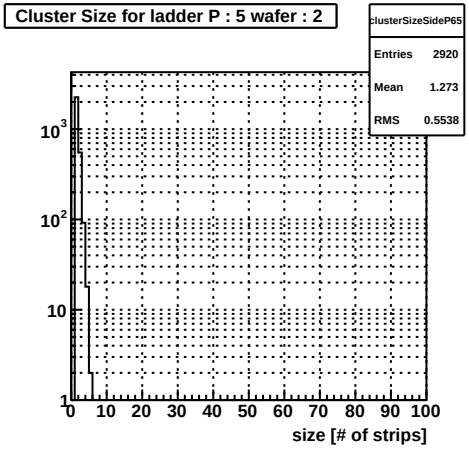

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 14483
Mean 1.131
RMS 0.4212
size [# of strips]

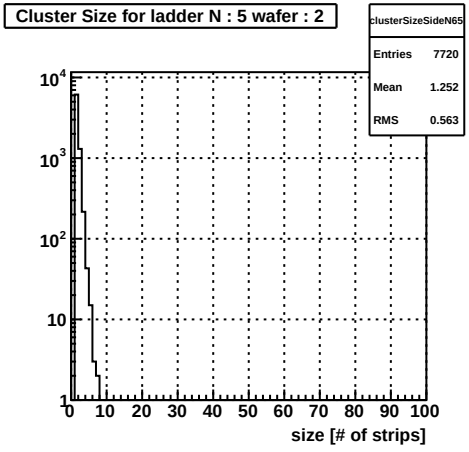

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 3125
Mean 1.357
RMS 0.6816
size [# of strips]

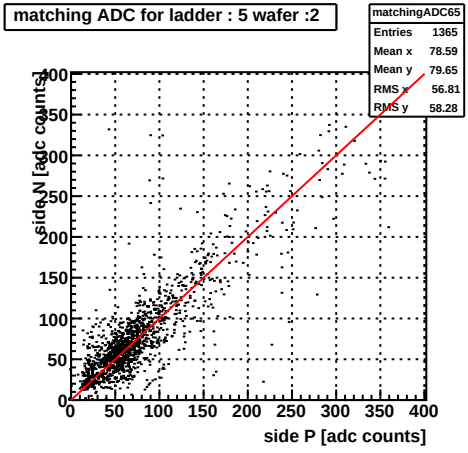

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 1436
Mean x 84.91
Mean y 77.39
RMS x 59.09
RMS y 53.82
side N [adc counts]
side P [adc counts]

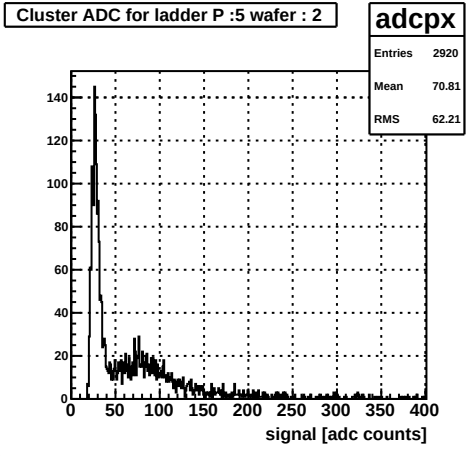

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 14483
Mean 39.17
RMS 43.1
signal [adc counts]

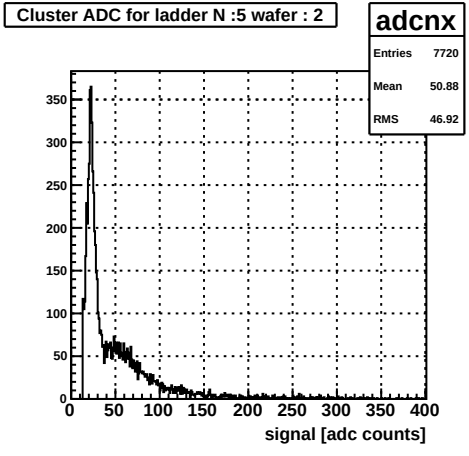

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 3125
Mean 67.3
RMS 55.91
signal [adc counts]

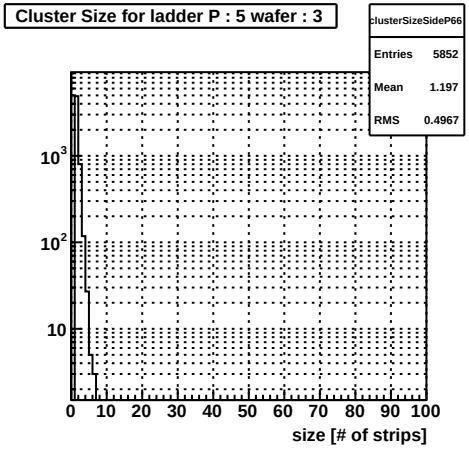

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2920
Mean 1.273
RMS 0.5538
size [# of strips]

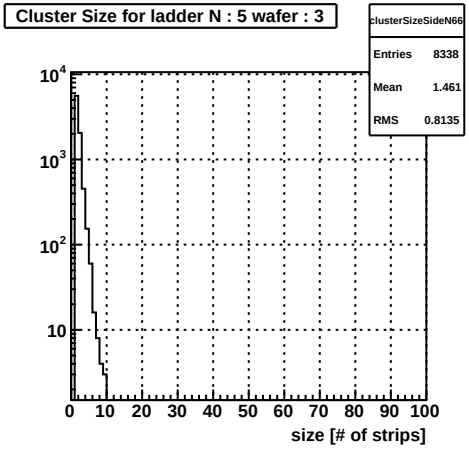

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 7720
Mean 1.252
RMS 0.563
size [# of strips]

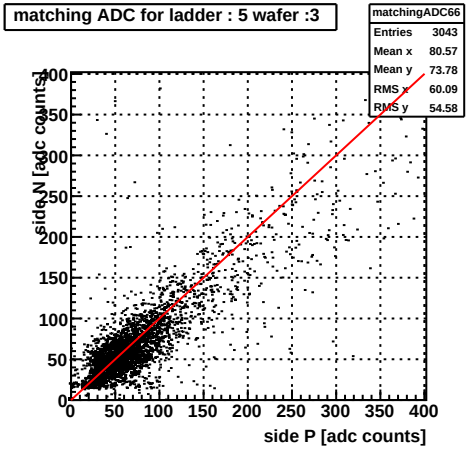

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 1365
Mean x 78.59
Mean y 79.65
RMS x 56.81
RMS y 58.28
side N [adc counts]
side P [adc counts]

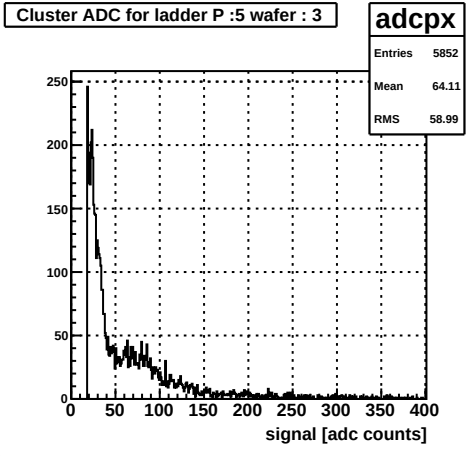

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2920
Mean 70.81
RMS 62.21
signal [adc counts]

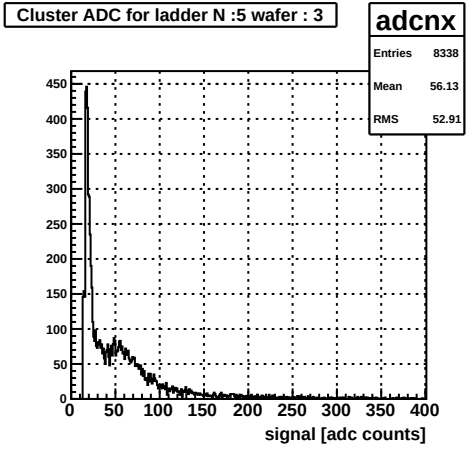

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 7720
Mean 50.88
RMS 46.92
signal [adc counts]

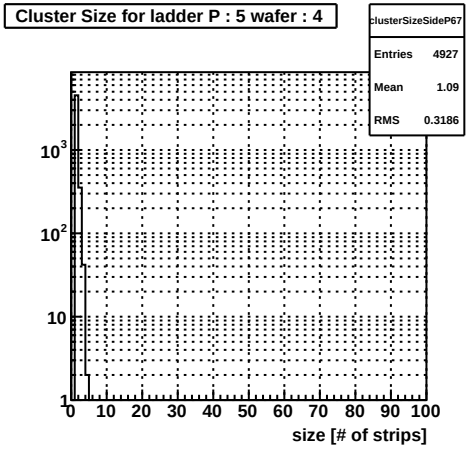

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5852
Mean 1.197
RMS 0.4967
size [# of strips]

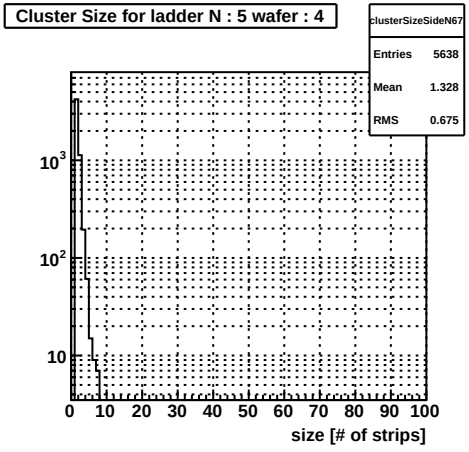

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8338
Mean 1.461
RMS 0.8135
size [# of strips]

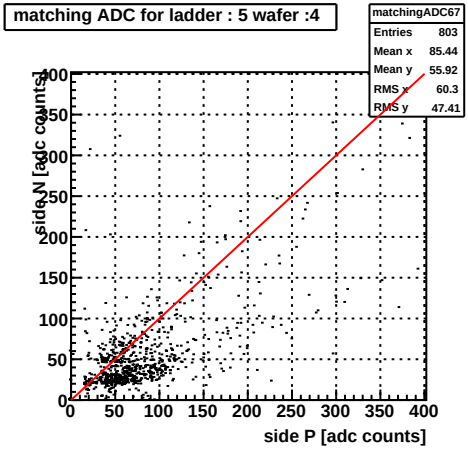

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 3043
Mean x 80.57
Mean y 73.78
RMS x 60.09
RMS y 54.58
side N [adc counts]
side P [adc counts]

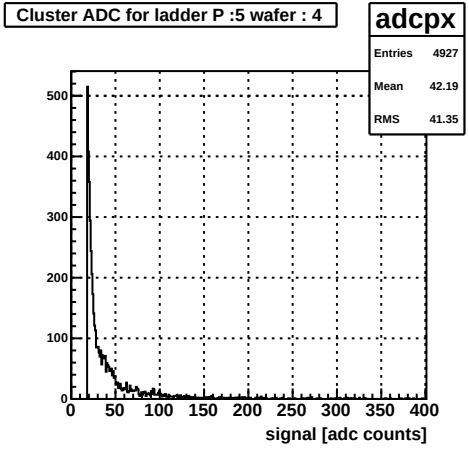

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5852
Mean 64.11
RMS 58.99
signal [adc counts]

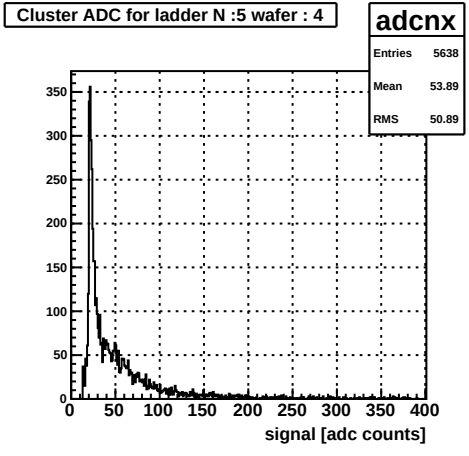

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8338
Mean 56.13
RMS 52.91
signal [adc counts]

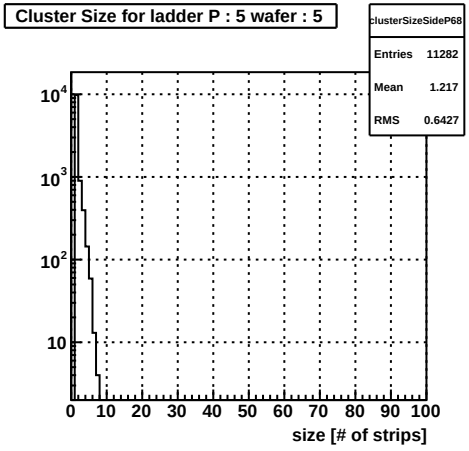

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 4927
Mean 1.09
RMS 0.3186
size [# of strips]

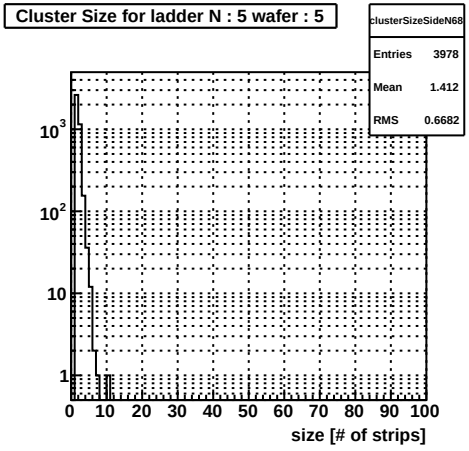

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5638
Mean 1.328
RMS 0.675
size [# of strips]

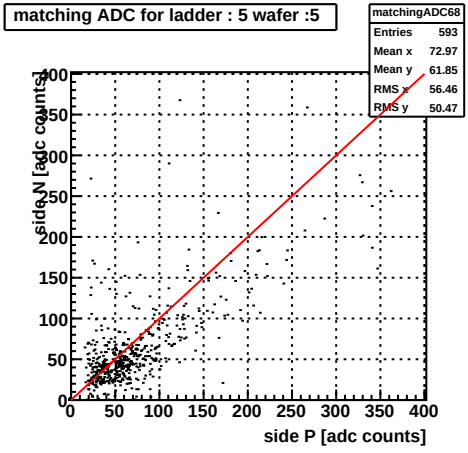

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 803
Mean x 85.44
Mean y 55.92
RMS x 60.3
RMS y 47.41
side N [adc counts]
side P [adc counts]

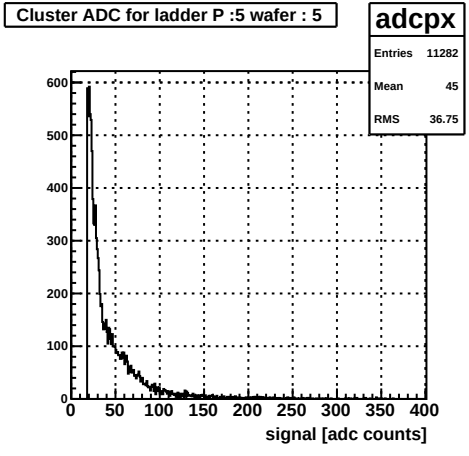

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 4927
Mean 42.19
RMS 41.35
signal [adc counts]

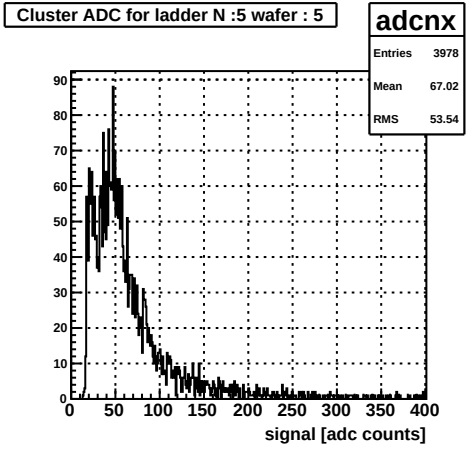

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5638
Mean 53.89
RMS 50.89
signal [adc counts]

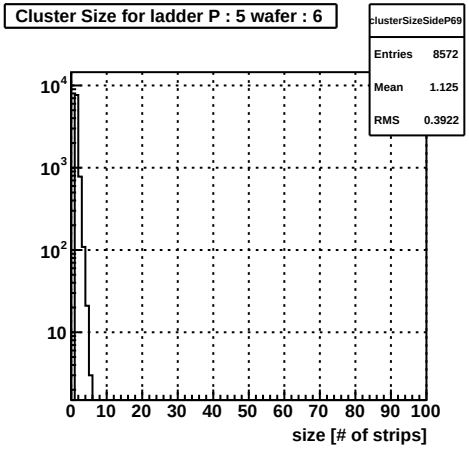

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 11282
Mean 1.217
RMS 0.6427
size [# of strips]

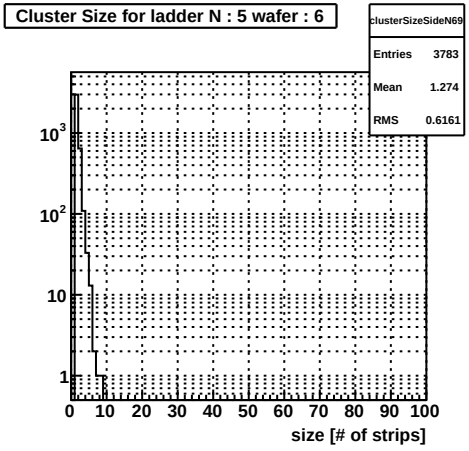

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 3978
Mean 1.412
RMS 0.6682
size [# of strips]

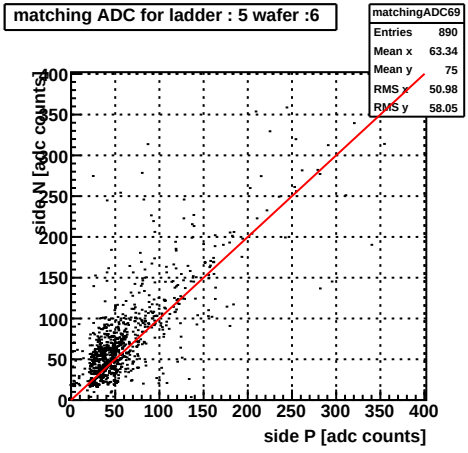

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 593
Mean x 72.97
Mean y 61.85
RMS x 56.46
RMS y 50.47
side N [adc counts]
side P [adc counts]

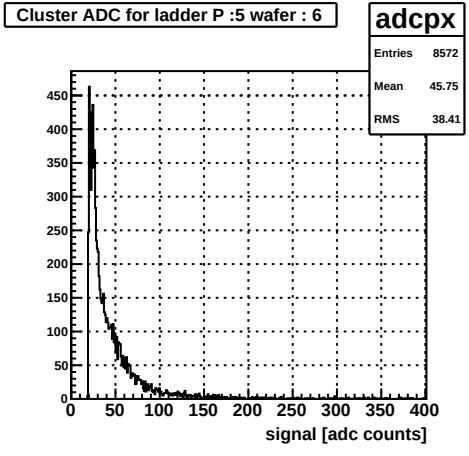

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 11282
Mean 45
RMS 36.75
signal [adc counts]

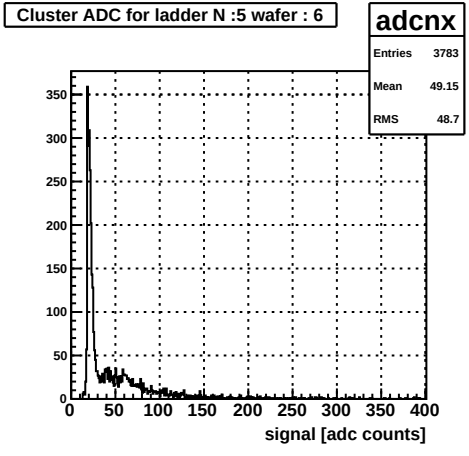

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 3978
Mean 67.02
RMS 53.54
signal [adc counts]

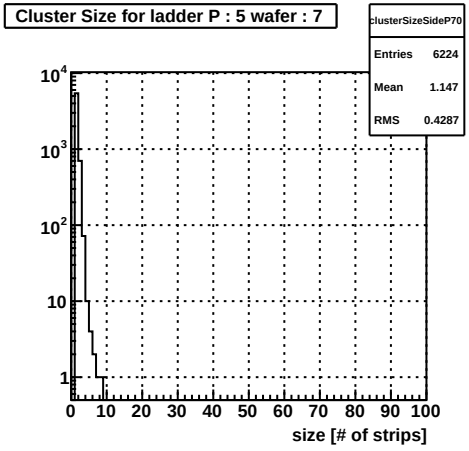

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 8572
Mean 1.125
RMS 0.3922
size [# of strips]

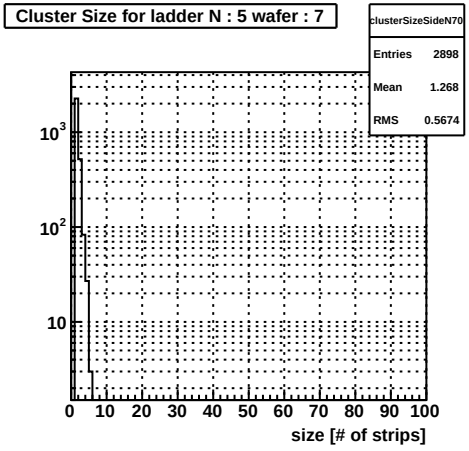

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3783
Mean 1.274
RMS 0.6161
size [# of strips]

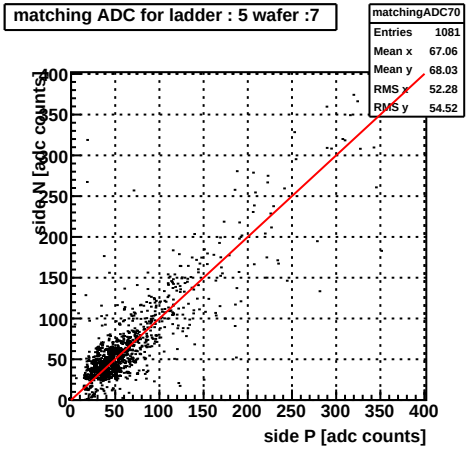

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 890
Mean x 63.34
Mean y 75
RMS x 50.98
RMS y 58.05
side N [adc counts]
side P [adc counts]

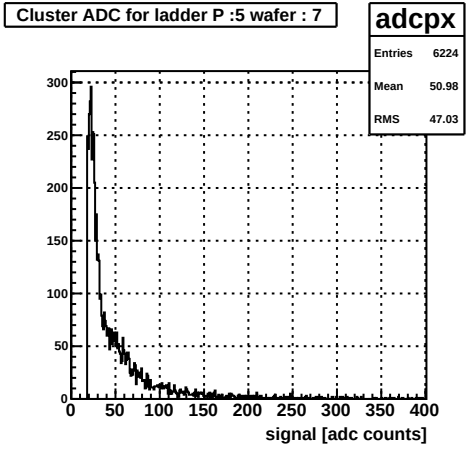

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 8572
Mean 45.75
RMS 38.41
signal [adc counts]

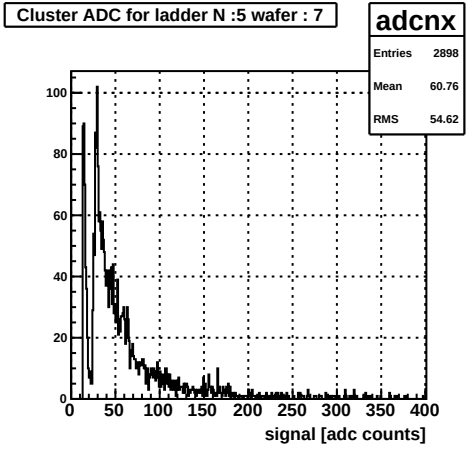

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3783
Mean 49.15
RMS 48.7
signal [adc counts]

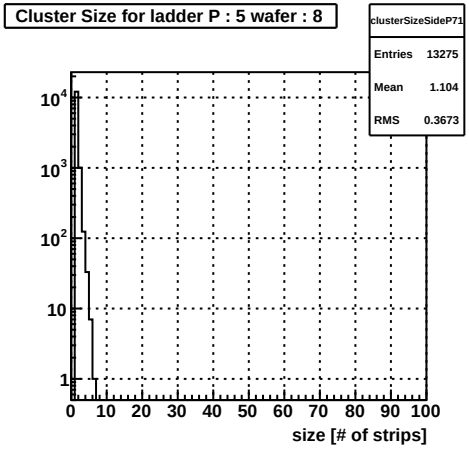

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6224
Mean 1.147
RMS 0.4287
size [# of strips]

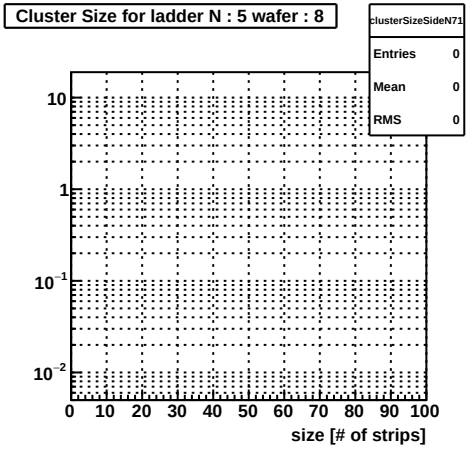

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 2898
Mean 1.268
RMS 0.5674
size [# of strips]

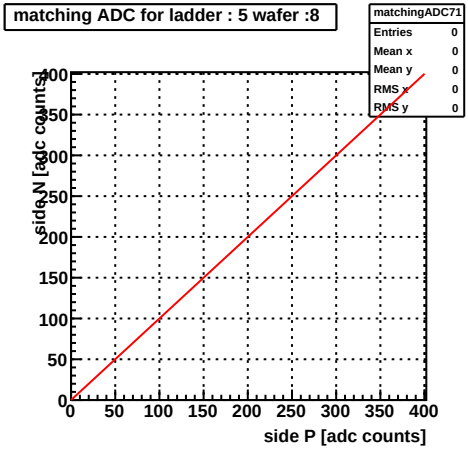

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 1081
Mean x 67.06
Mean y 68.03
RMS x 52.28
RMS y 54.52
side N [adc counts]
side P [adc counts]

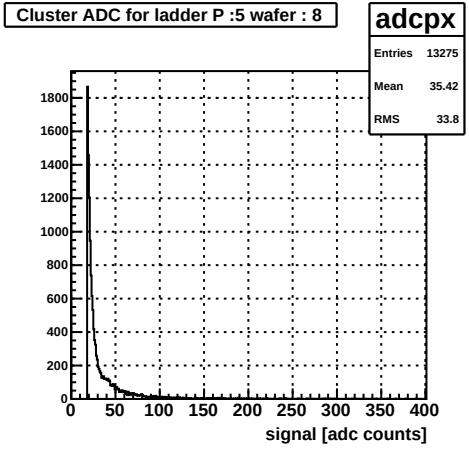

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6224
Mean 50.98
RMS 47.03
signal [adc counts]

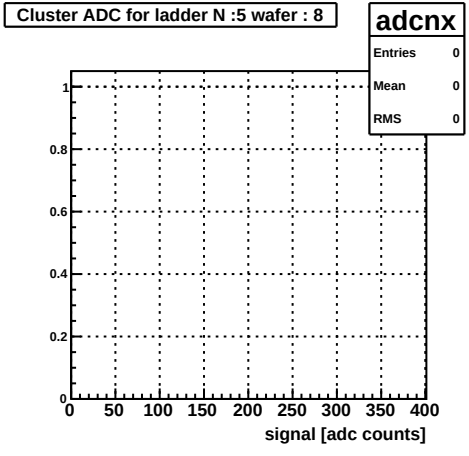

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 2898
Mean 60.76
RMS 54.62
signal [adc counts]

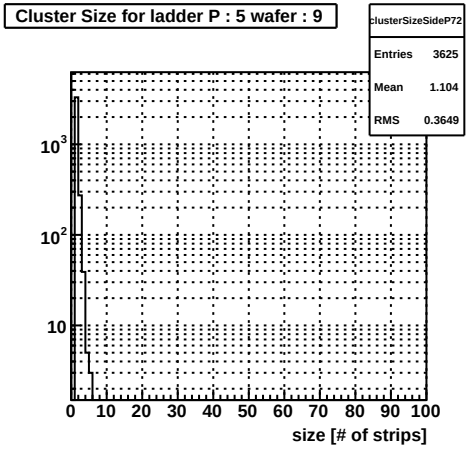

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13275
Mean 1.104
RMS 0.3673
size [# of strips]

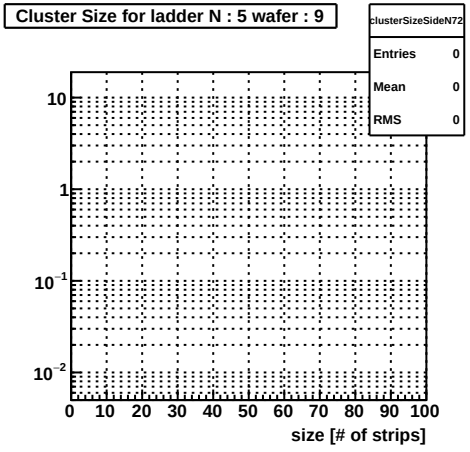

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

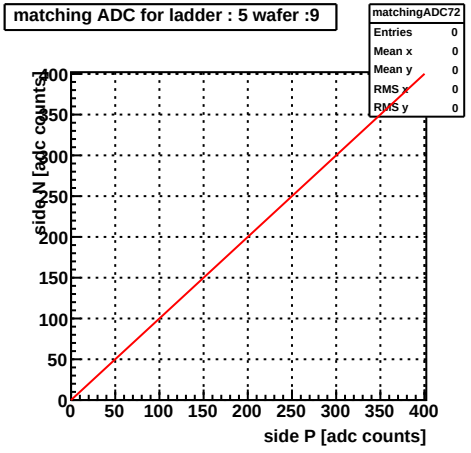

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

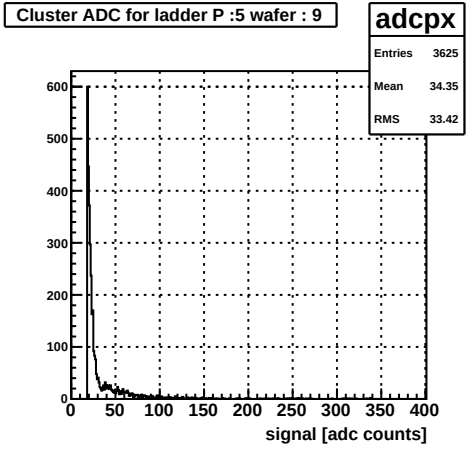

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13275
Mean 35.42
RMS 33.8
signal [adc counts]

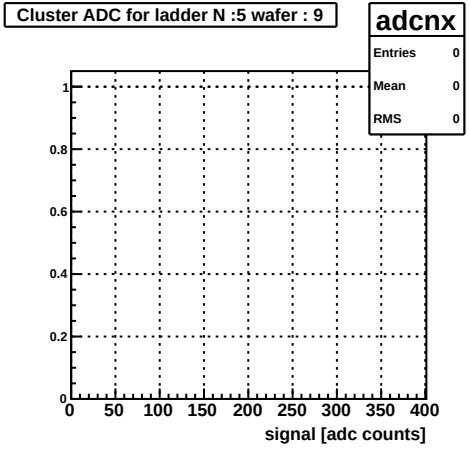

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

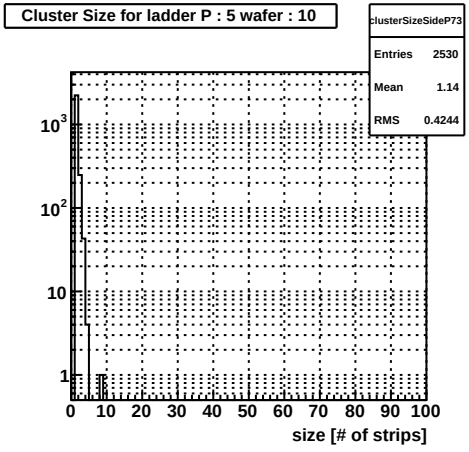

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 3625
Mean 1.104
RMS 0.3649
size [# of strips]

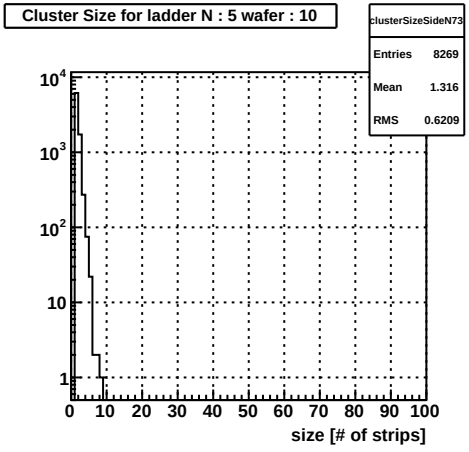

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

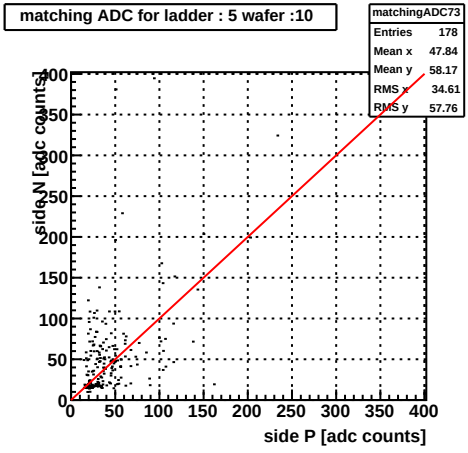

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

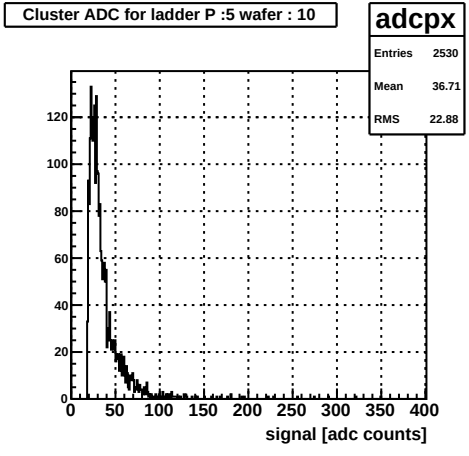

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 3625
Mean 34.35
RMS 33.42
signal [adc counts]

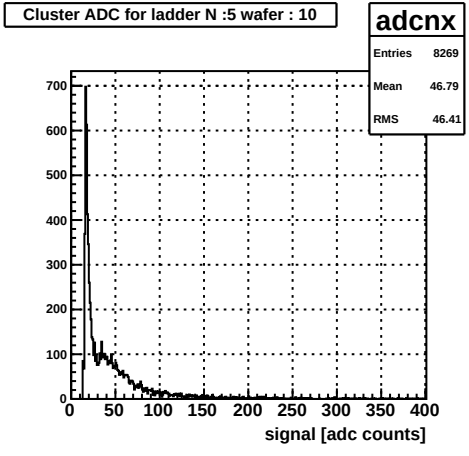

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

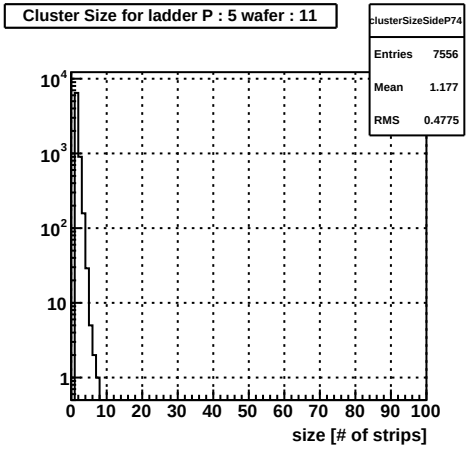

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 2530
Mean 1.14
RMS 0.4244
size [# of strips]

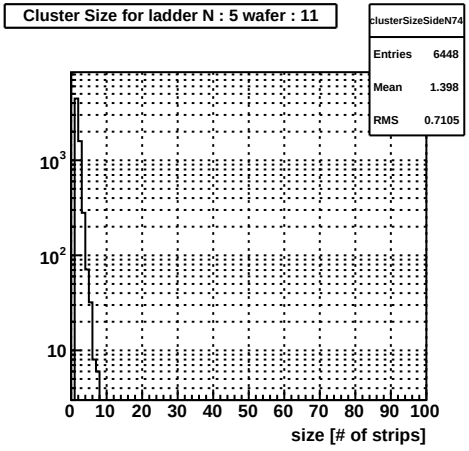

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 8269
Mean 1.316
RMS 0.6209
size [# of strips]

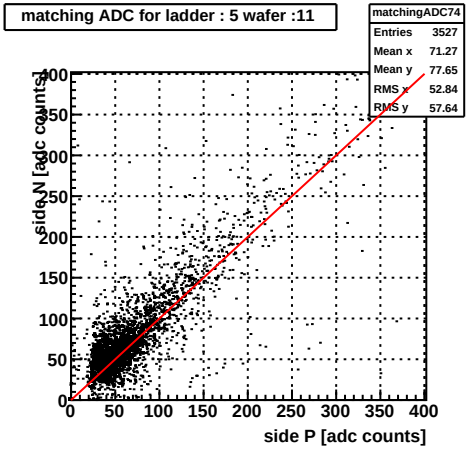

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 178
Mean x 47.84
Mean y 58.17
RMS x 34.61
RMS y 57.76
side N [adc counts]
side P [adc counts]

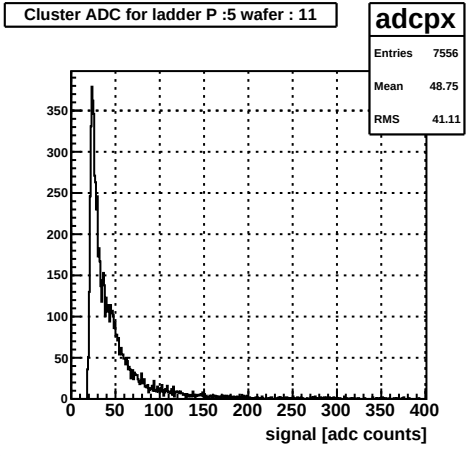

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 2530
Mean 36.71
RMS 22.88
signal [adc counts]

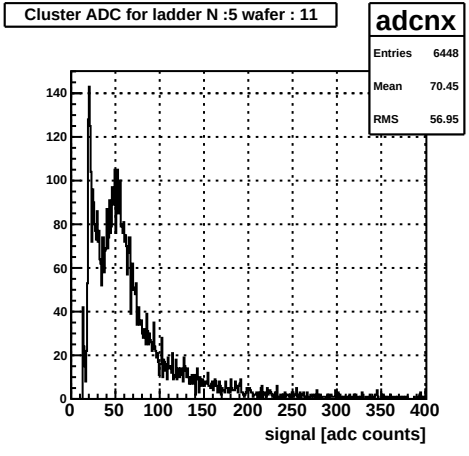

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 8269
Mean 46.79
RMS 46.41
signal [adc counts]

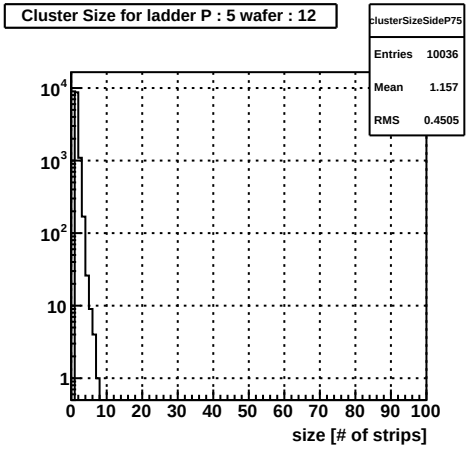

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 7556
Mean 1.177
RMS 0.4775
size [# of strips]

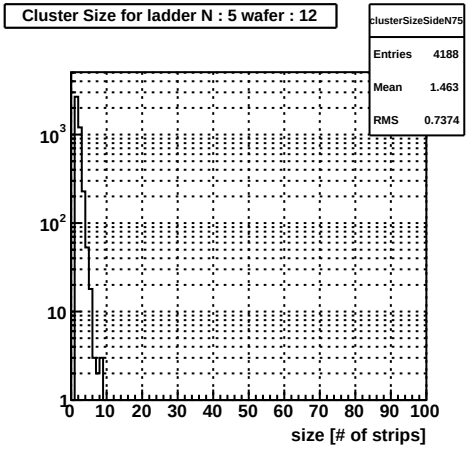

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 6448
Mean 1.398
RMS 0.7105
size [# of strips]

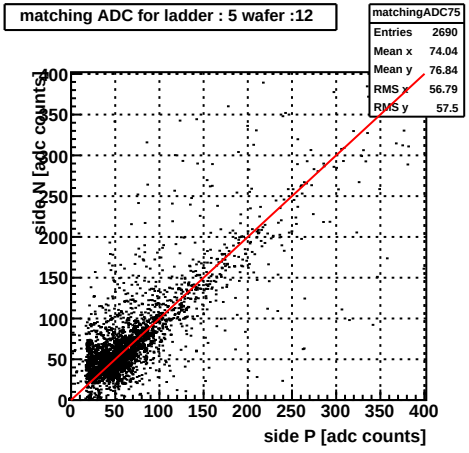

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 3527
Mean x 71.27
Mean y 77.65
RMS x 52.84
RMS y 57.64
side N [adc counts]
side P [adc counts]

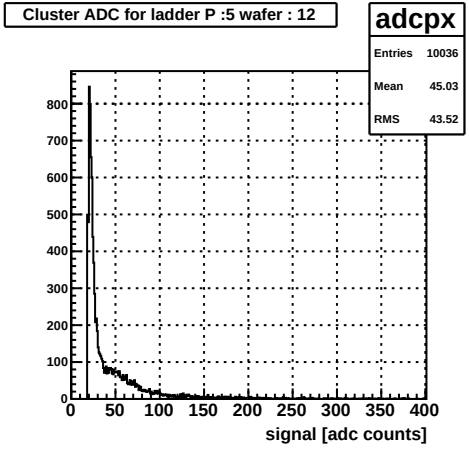

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 7556
Mean 48.75
RMS 41.11
signal [adc counts]

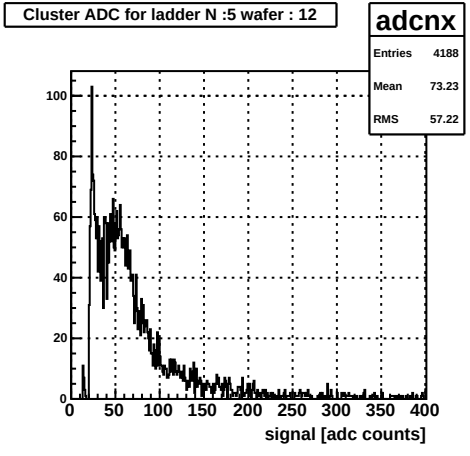

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 6448
Mean 70.45
RMS 56.95
signal [adc counts]

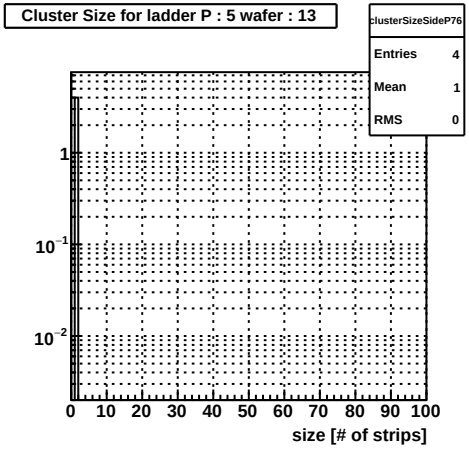

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 10036
Mean 1.157
RMS 0.4505
size [# of strips]

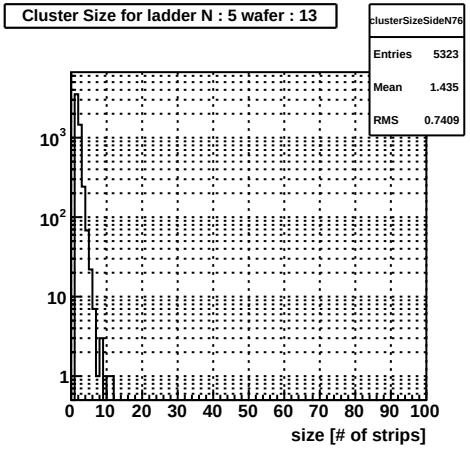

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 4188
Mean 1.463
RMS 0.7374
size [# of strips]

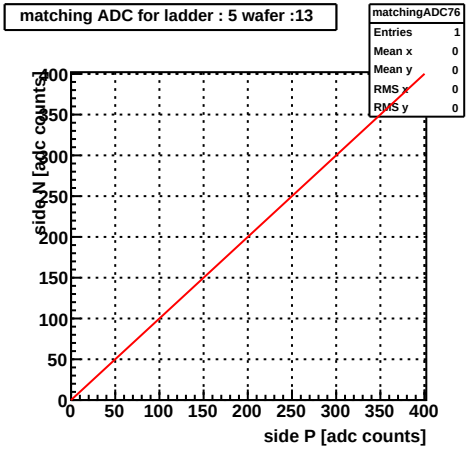

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 2690
Mean x 74.04
Mean y 76.84
RMS x 56.79
RMS y 57.5
side N [adc counts]
side P [adc counts]

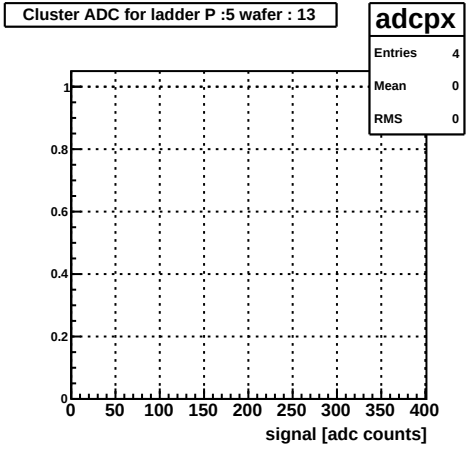

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 10036
Mean 45.03
RMS 43.52
signal [adc counts]

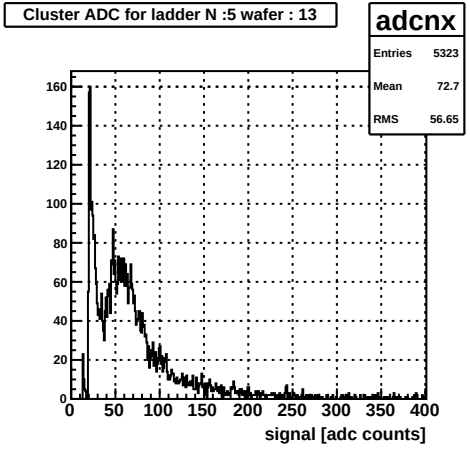

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 4188
Mean 73.23
RMS 57.22
signal [adc counts]

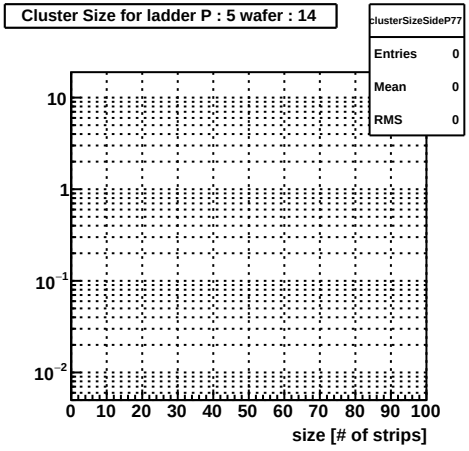

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 4
Mean 1
RMS 0
size [# of strips]

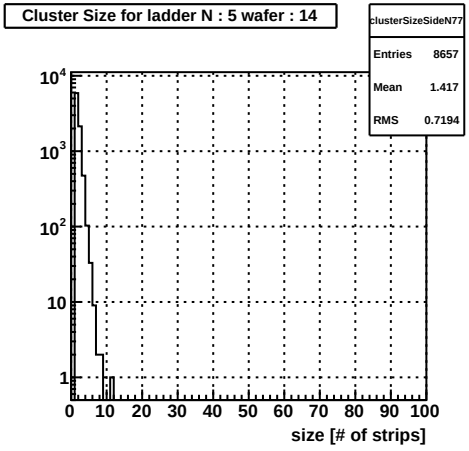

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 5323
Mean 1.435
RMS 0.7409
size [# of strips]

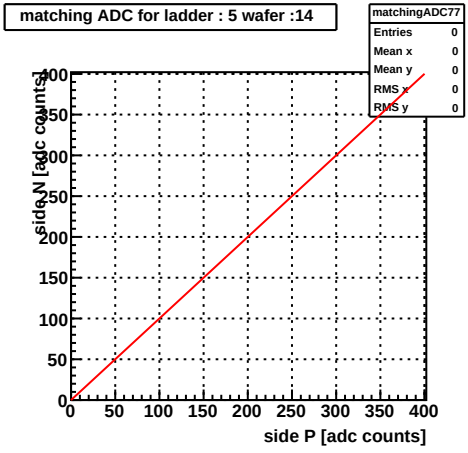

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

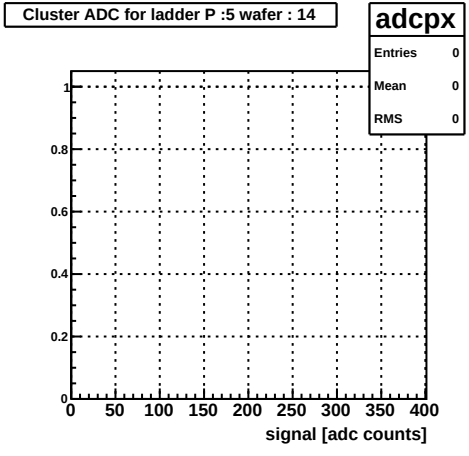

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

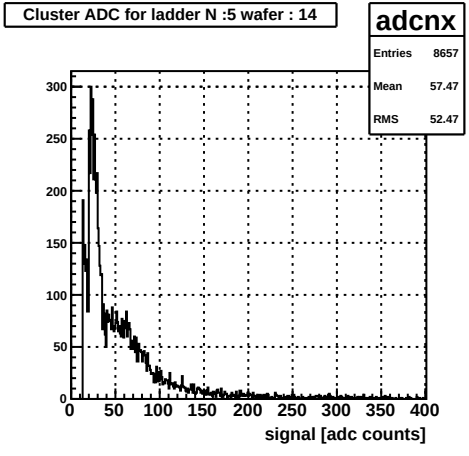

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 5323
Mean 72.7
RMS 56.65
signal [adc counts]

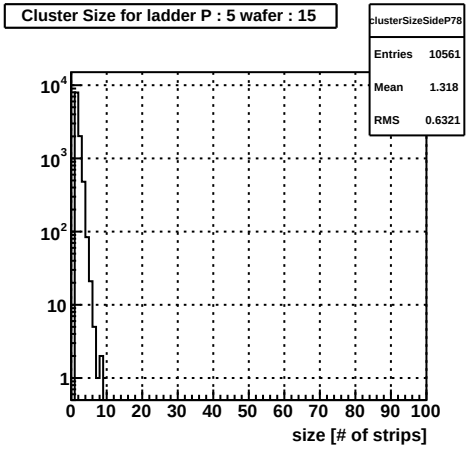

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

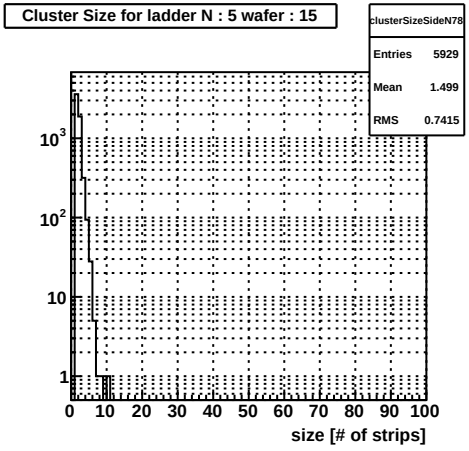

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 8657
Mean 1.417
RMS 0.7194
size [# of strips]

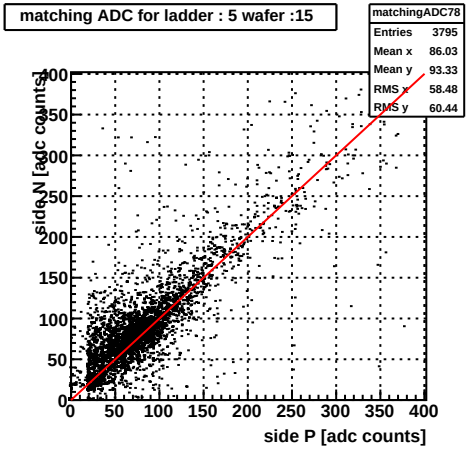

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

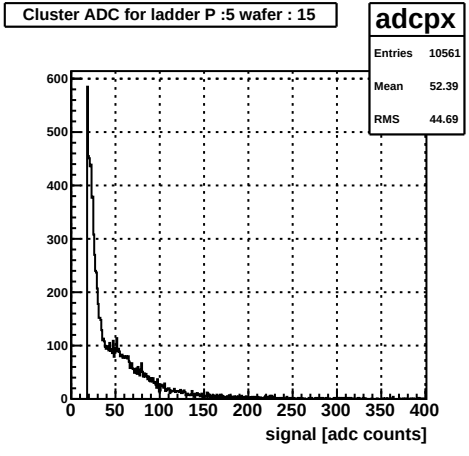

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

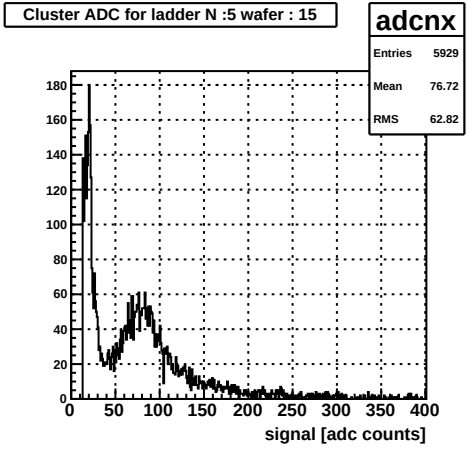

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 8657
Mean 57.47
RMS 52.47
signal [adc counts]

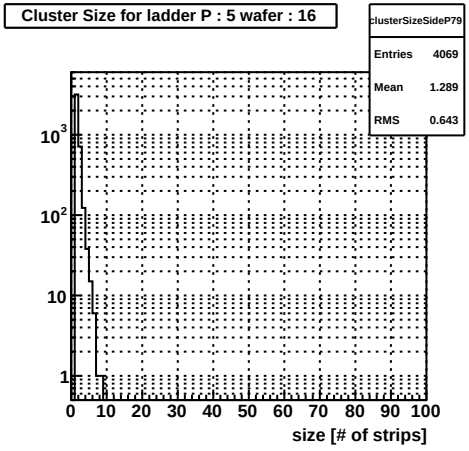

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 10561
Mean 1.318
RMS 0.6321
size [# of strips]

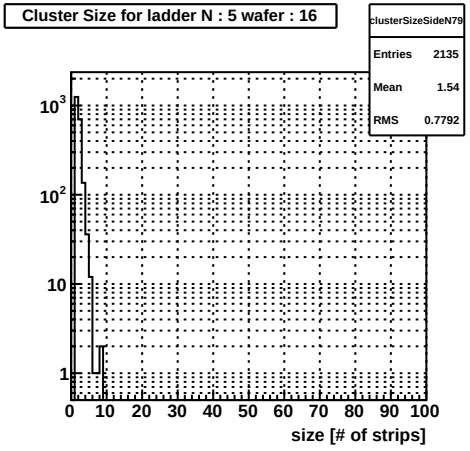

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 5929
Mean 1.499
RMS 0.7415
size [# of strips]

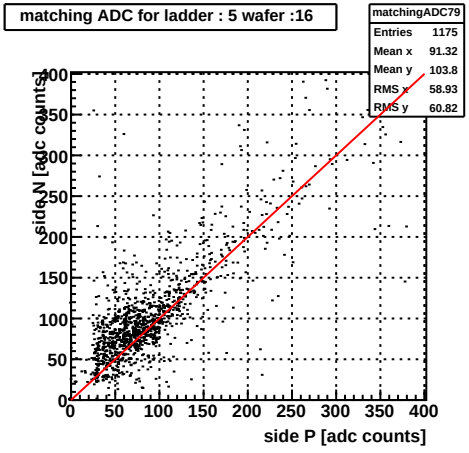

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 3795
Mean x 86.03
Mean y 93.33
RMS x 58.48
RMS y 60.44
side N [adc counts]
side P [adc counts]

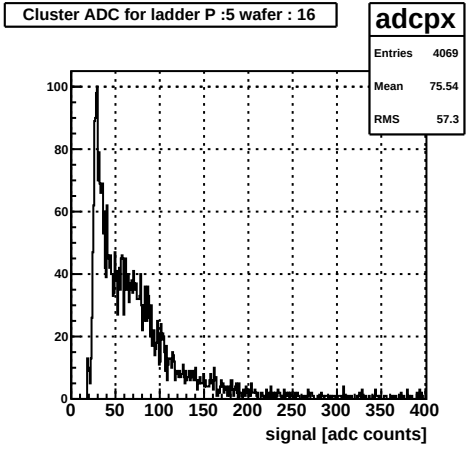

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 10561
Mean 52.39
RMS 44.69
signal [adc counts]

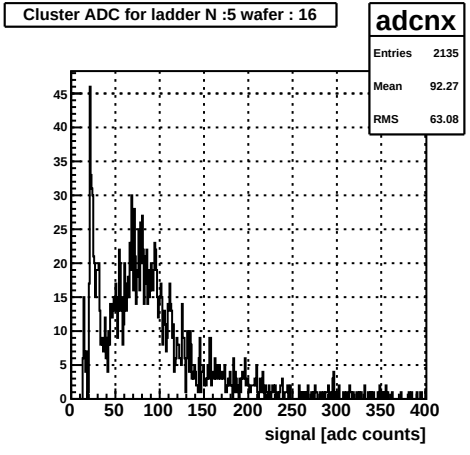

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 5929
Mean 76.72
RMS 62.82
signal [adc counts]

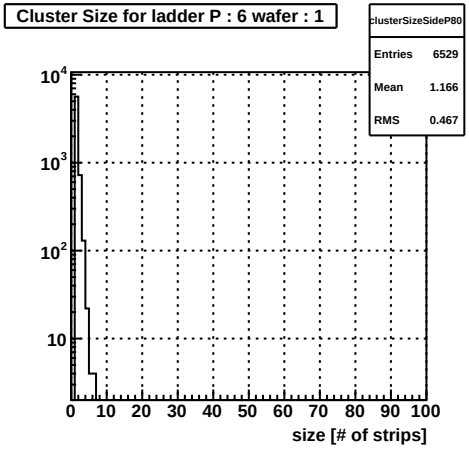

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 4069
Mean 1.289
RMS 0.643
size [# of strips]

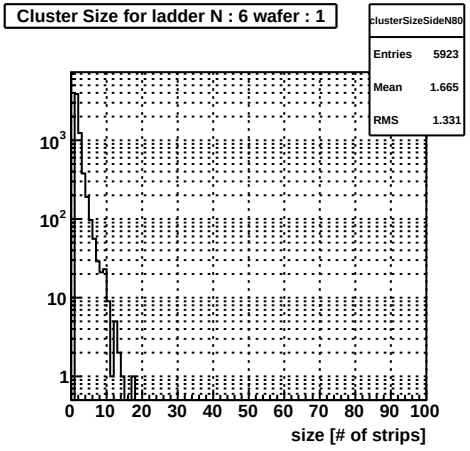

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 2135
Mean 1.54
RMS 0.7792
size [# of strips]

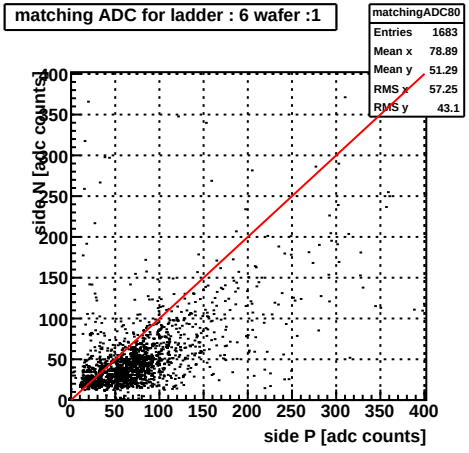

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 1175
Mean x 91.32
Mean y 103.8
RMS x 58.93
RMS y 60.82
side N [adc counts]
side P [adc counts]

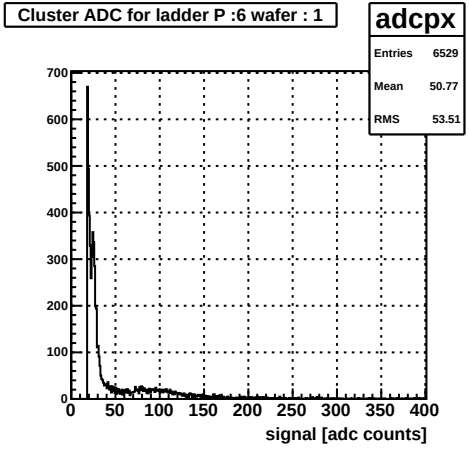

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 4069
Mean 75.54
RMS 57.3
signal [adc counts]

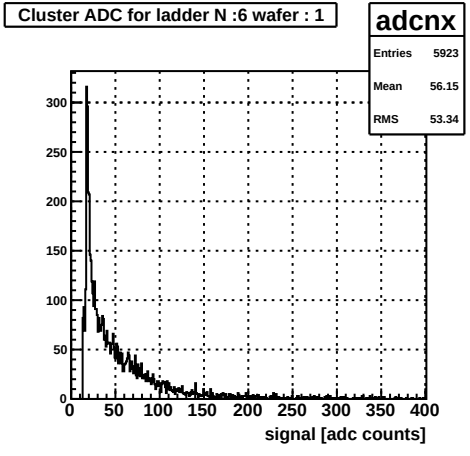

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 2135
Mean 92.27
RMS 63.08
signal [adc counts]

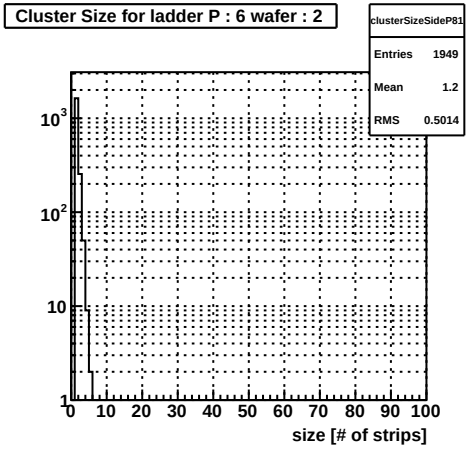

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 6529
Mean 1.166
RMS 0.467
size [# of strips]

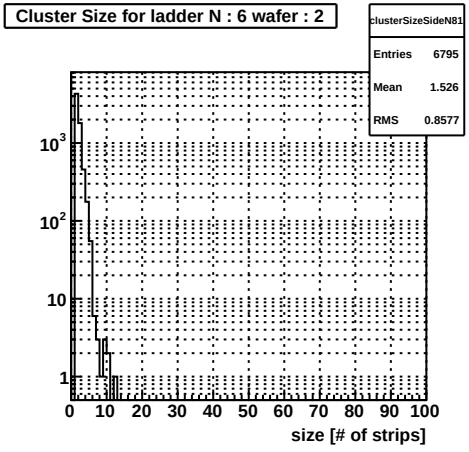

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5923
Mean 1.665
RMS 1.331
size [# of strips]

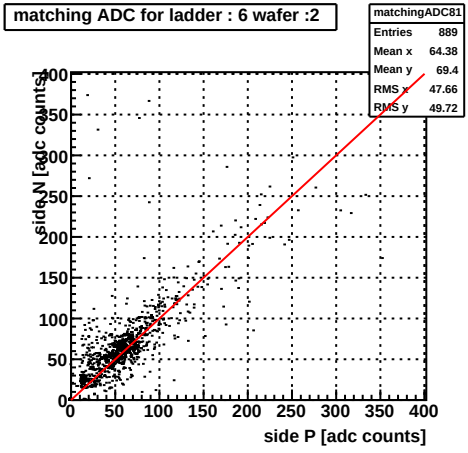

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1683
Mean x 78.89
Mean y 51.29
RMS x 57.25
RMS y 43.1
side N [adc counts]
side P [adc counts]

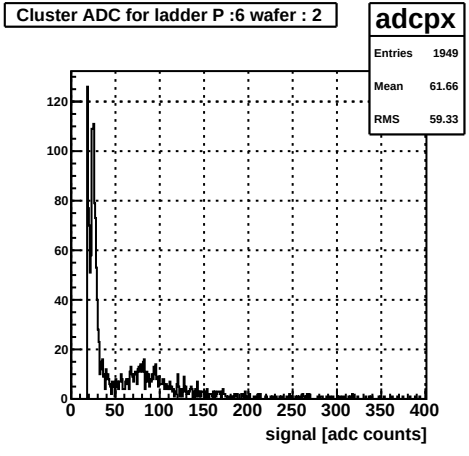

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 6529
Mean 50.77
RMS 53.51
signal [adc counts]

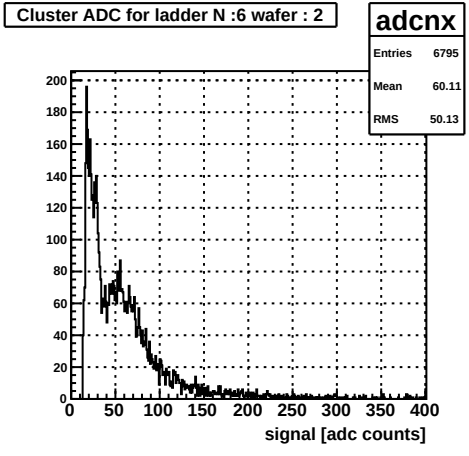

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5923
Mean 56.15
RMS 53.34
signal [adc counts]

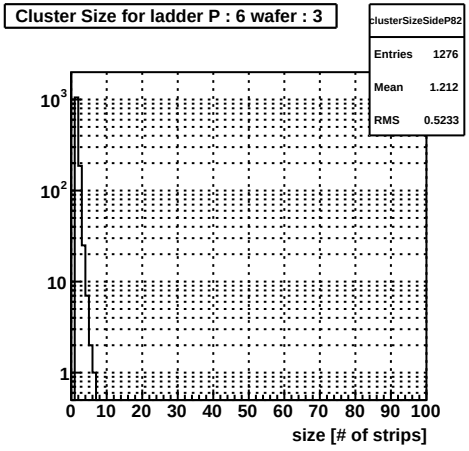

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1949
Mean 1.2
RMS 0.5014
size [# of strips]

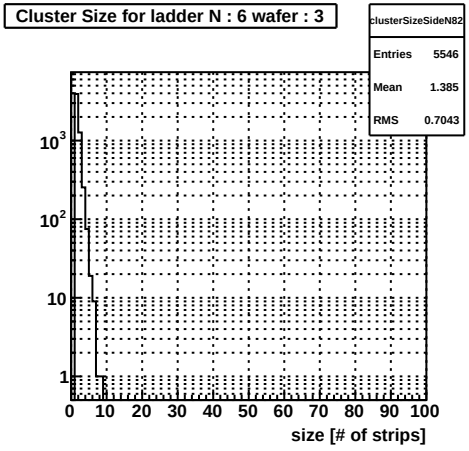

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 6795
Mean 1.526
RMS 0.8577
size [# of strips]

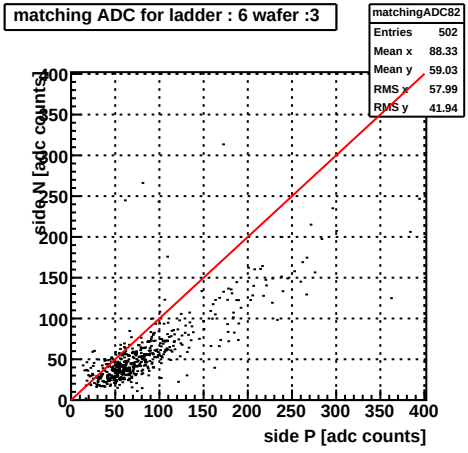

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 889
Mean x 64.38
Mean y 69.4
RMS x 47.66
RMS y 49.72
side N [adc counts]
side P [adc counts]

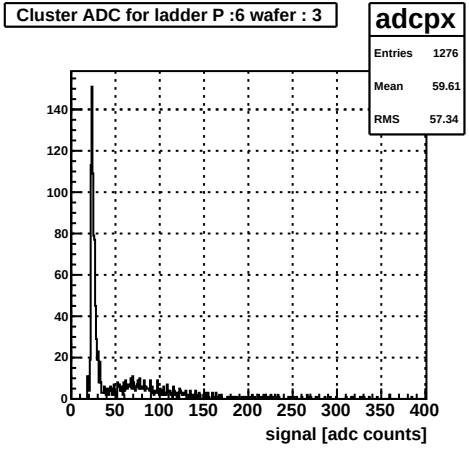

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1949
Mean 61.66
RMS 59.33
signal [adc counts]

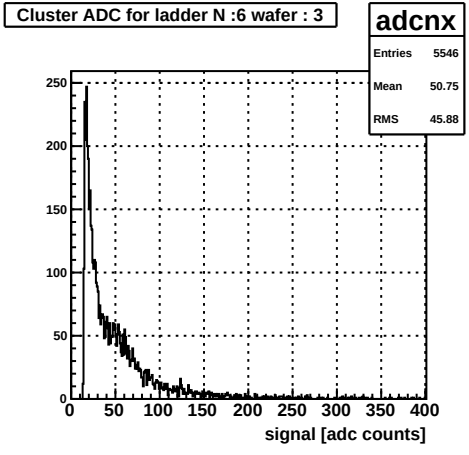

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 6795
Mean 60.11
RMS 50.13
signal [adc counts]

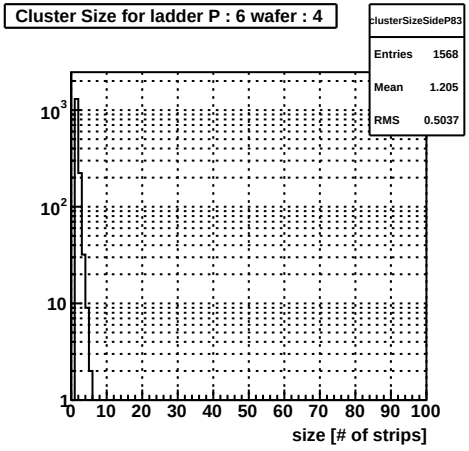

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1276
Mean 1.212
RMS 0.5233
size [# of strips]

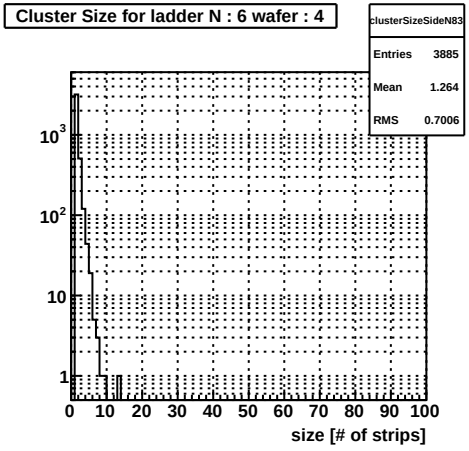

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 5546
Mean 1.385
RMS 0.7043
size [# of strips]

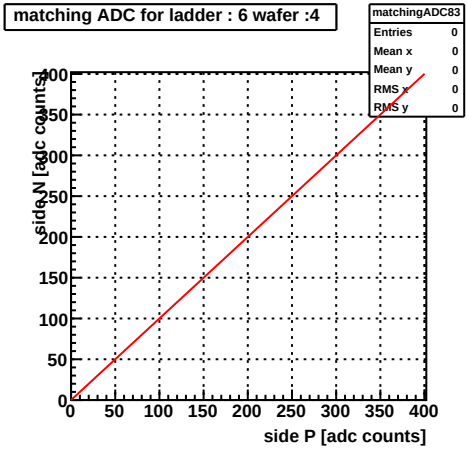

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 502
Mean x 88.33
Mean y 59.03
RMS x 57.99
RMS y 41.94
side N [adc counts]
side P [adc counts]

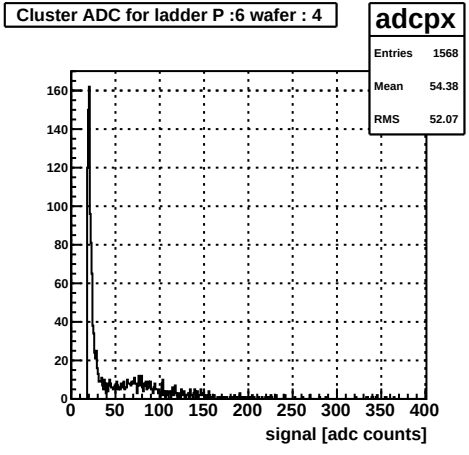

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1276
Mean 59.61
RMS 57.34
signal [adc counts]

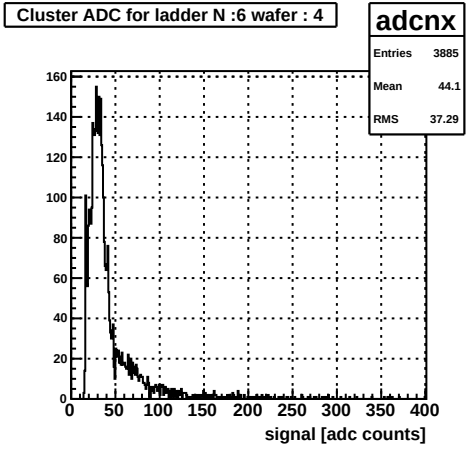

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 5546
Mean 50.75
RMS 45.88
signal [adc counts]

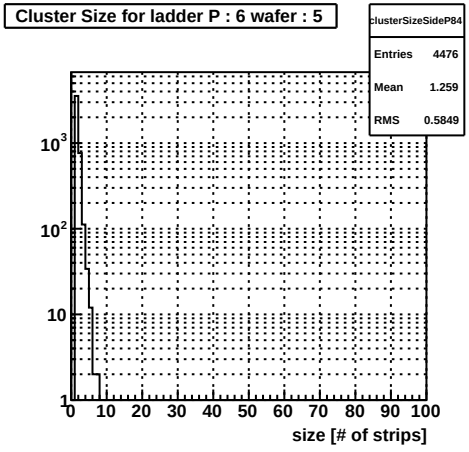

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1568
Mean 1.205
RMS 0.5037
size [# of strips]

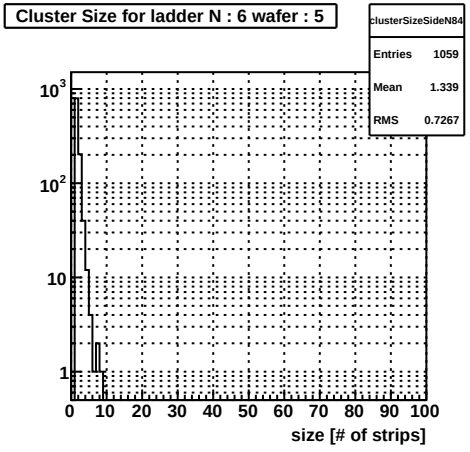

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3885
Mean 1.264
RMS 0.7006
size [# of strips]

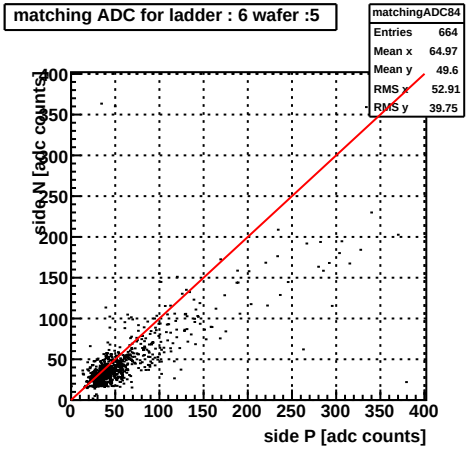

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

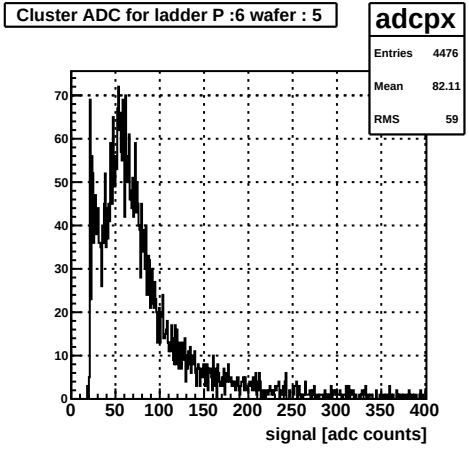

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1568
Mean 54.38
RMS 52.07
signal [adc counts]

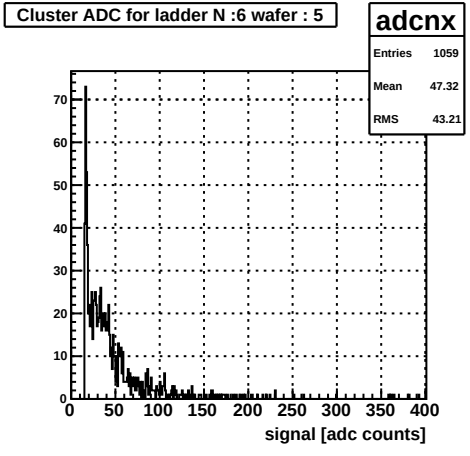

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3885
Mean 44.1
RMS 37.29
signal [adc counts]

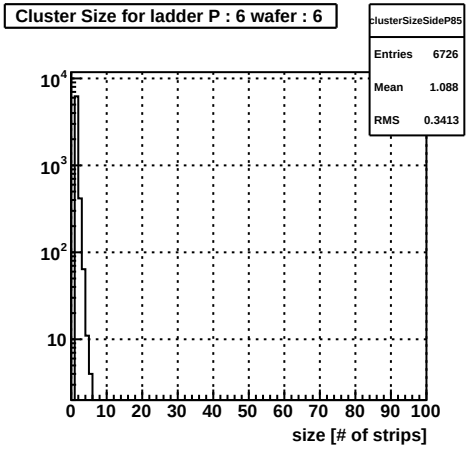

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 4476
Mean 1.259
RMS 0.5849
size [# of strips]

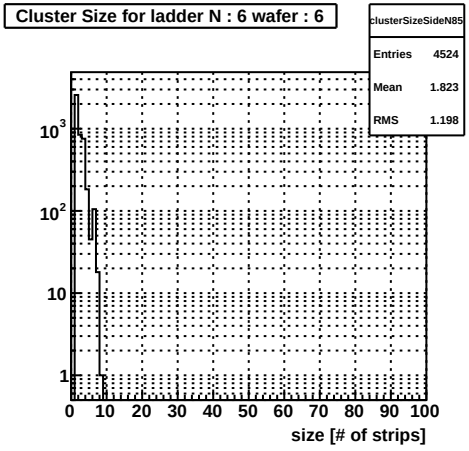

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1059
Mean 1.339
RMS 0.7267
size [# of strips]

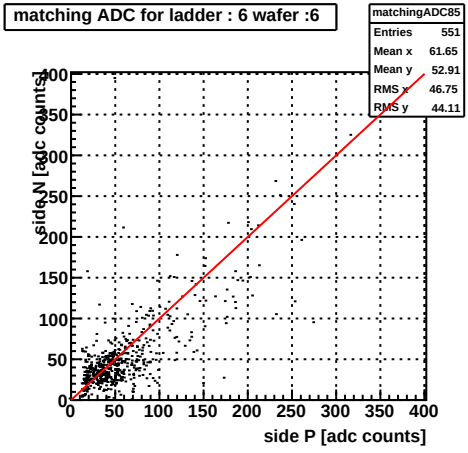

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 664
Mean x 64.97
Mean y 49.6
RMS x 52.91
RMS y 39.75
side N [adc counts]
side P [adc counts]

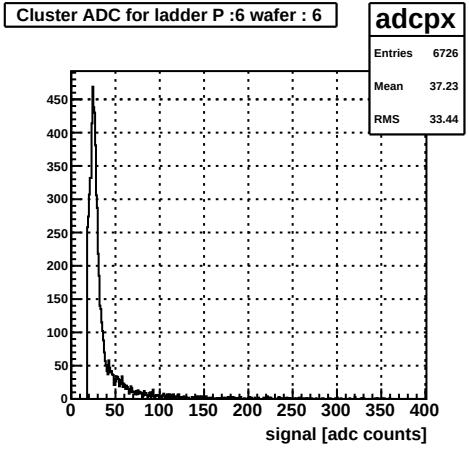

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 4476
Mean 82.11
RMS 59
signal [adc counts]

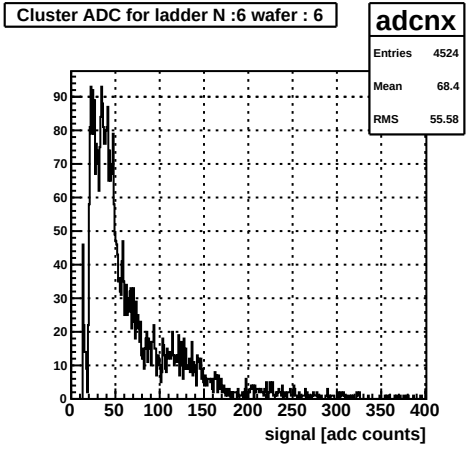

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1059
Mean 47.32
RMS 43.21
signal [adc counts]

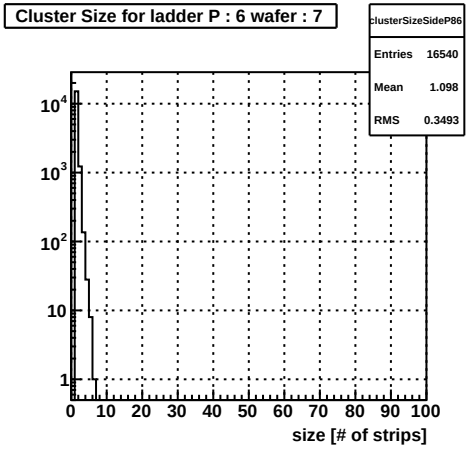

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 6726
Mean 1.088
RMS 0.3413
size [# of strips]

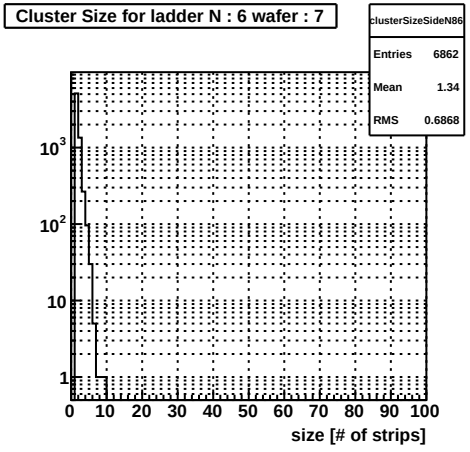

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4524
Mean 1.823
RMS 1.198
size [# of strips]

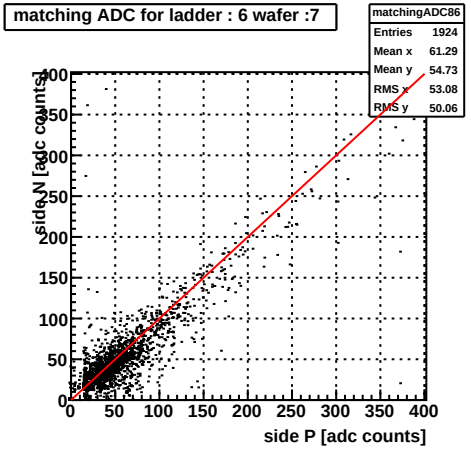

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 551
Mean x 61.65
Mean y 52.91
RMS x 46.75
RMS y 44.11
side N [adc counts]
side P [adc counts]

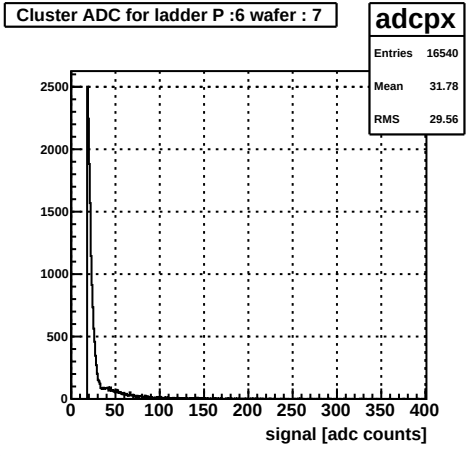

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 6726
Mean 37.23
RMS 33.44
signal [adc counts]

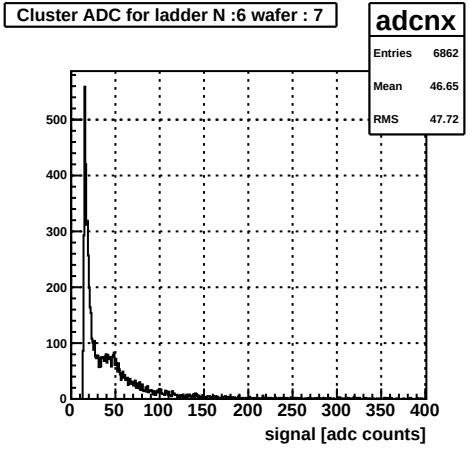

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4524
Mean 68.4
RMS 55.58
signal [adc counts]

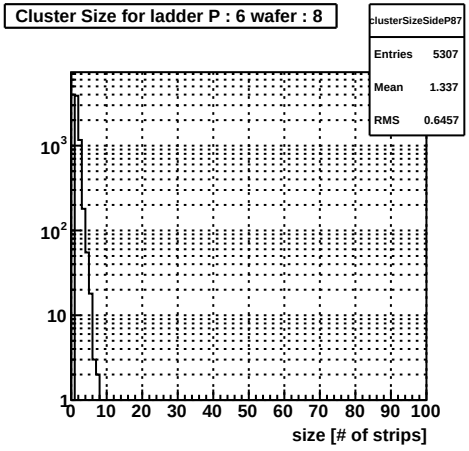

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 16540
Mean 1.098
RMS 0.3493
size [# of strips]

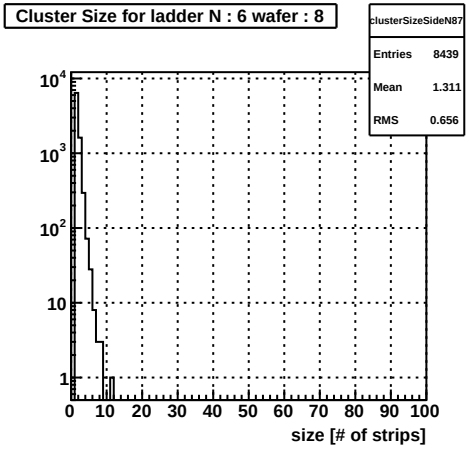

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6862
Mean 1.34
RMS 0.6868
size [# of strips]

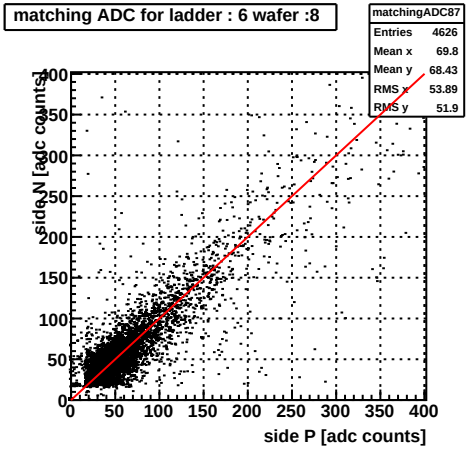

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1924
Mean x 61.29
Mean y 54.73
RMS x 53.08
RMS y 50.06
side N [adc counts]
side P [adc counts]

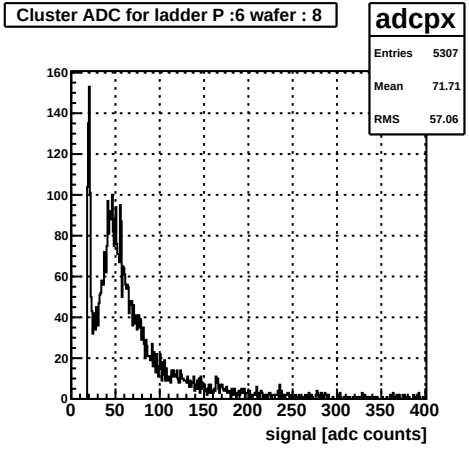

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 16540
Mean 31.78
RMS 29.56
signal [adc counts]

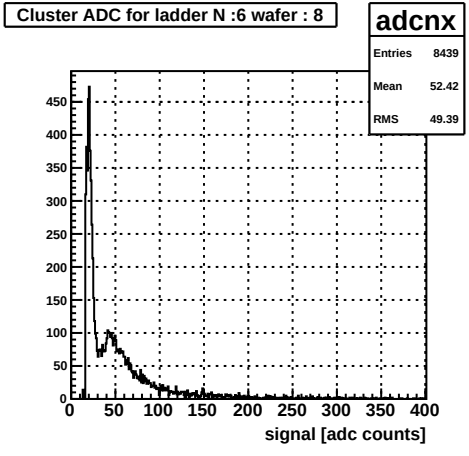

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6862
Mean 46.65
RMS 47.72
signal [adc counts]

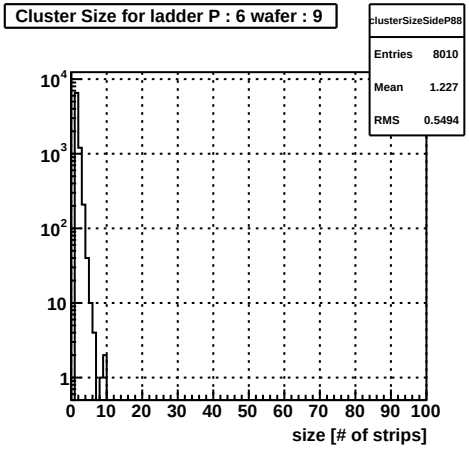

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 5307
Mean 1.337
RMS 0.6457
size [# of strips]

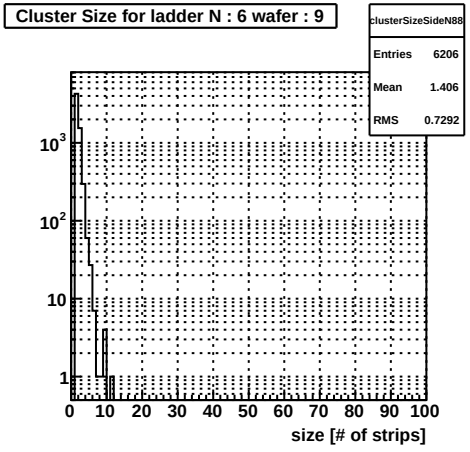

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 8439
Mean 1.311
RMS 0.656
size [# of strips]

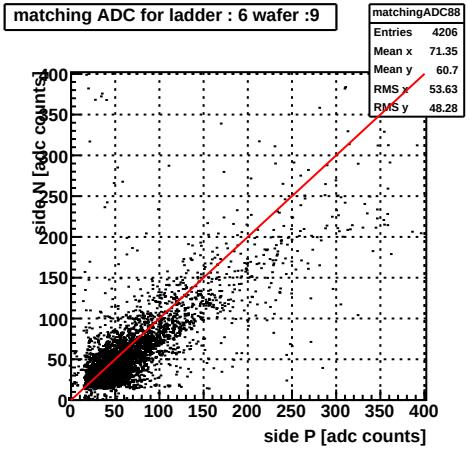

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 4626
Mean x 69.8
Mean y 68.43
RMS x 53.89
RMS y 51.9
side N [adc counts]
side P [adc counts]

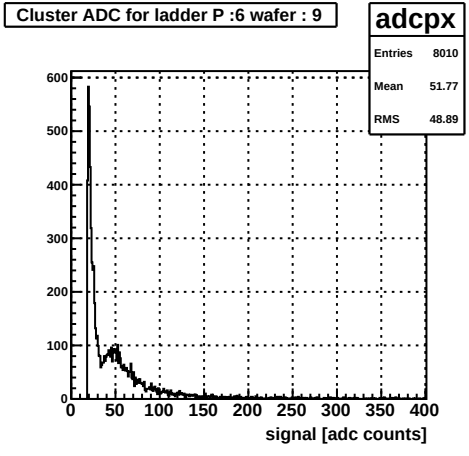

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 5307
Mean 71.71
RMS 57.06
signal [adc counts]

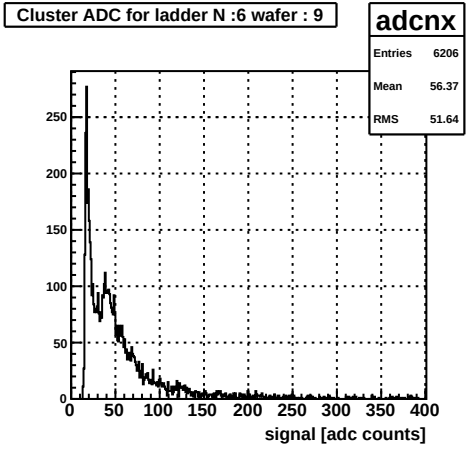

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 8439
Mean 52.42
RMS 49.39
signal [adc counts]

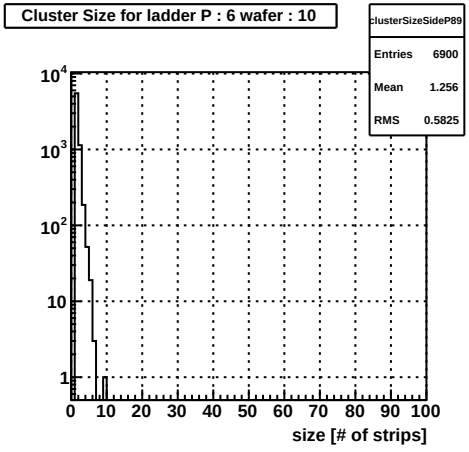

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 8010
Mean 1.227
RMS 0.5494
size [# of strips]

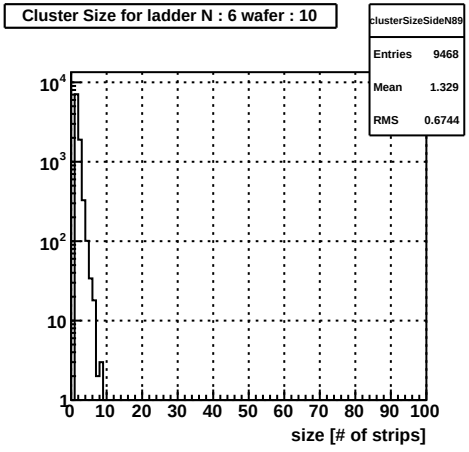

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 6206
Mean 1.406
RMS 0.7292
size [# of strips]

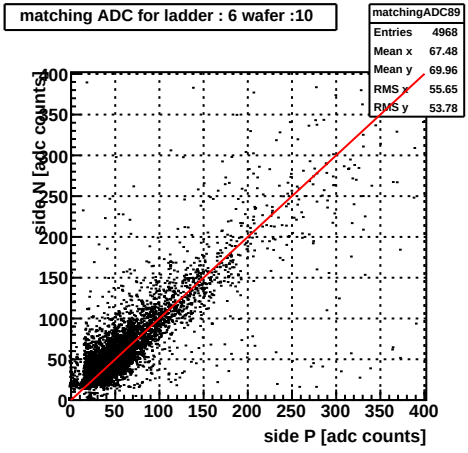

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 4206
Mean x 71.35
Mean y 60.7
RMS x 53.63
RMS y 48.28
side N [adc counts]
side P [adc counts]

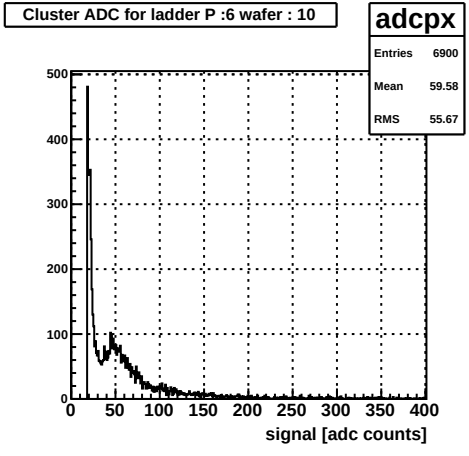

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 8010
Mean 51.77
RMS 48.89
signal [adc counts]

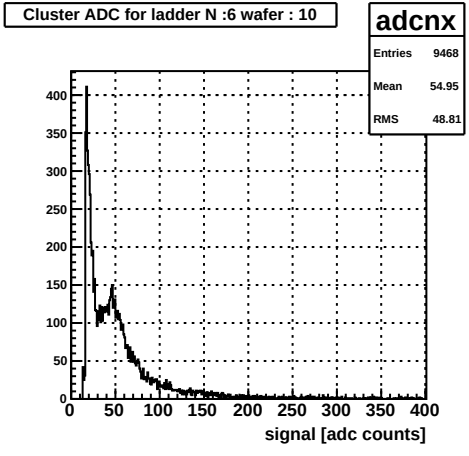

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 6206
Mean 56.37
RMS 51.64
signal [adc counts]

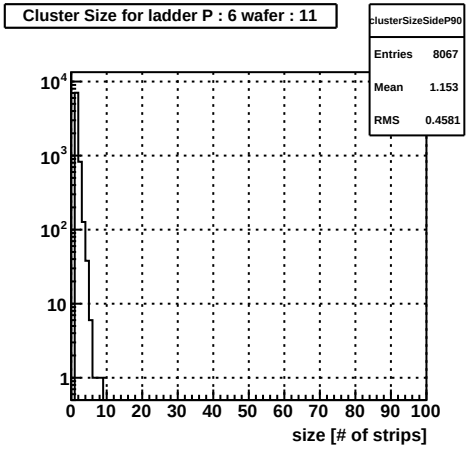

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 6900
Mean 1.256
RMS 0.5825
size [# of strips]

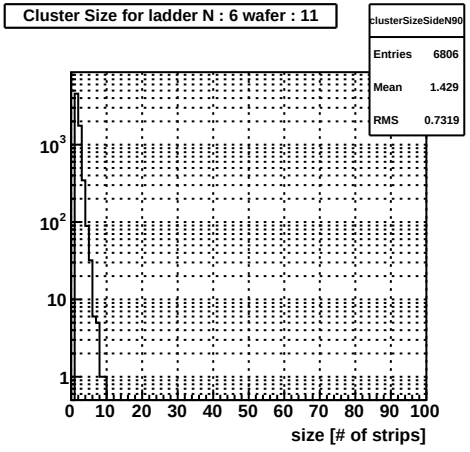

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 9468
Mean 1.329
RMS 0.6744
size [# of strips]

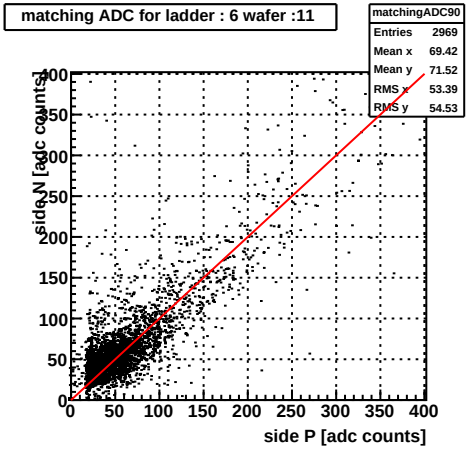

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 4968
Mean x 67.48
Mean y 69.96
RMS x 55.65
RMS y 53.78
side N [adc counts]
side P [adc counts]

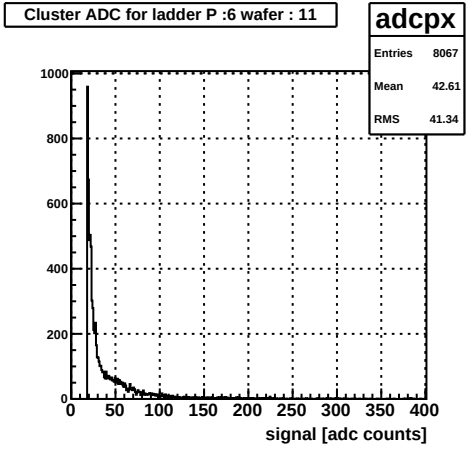

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 6900
Mean 59.58
RMS 55.67
signal [adc counts]

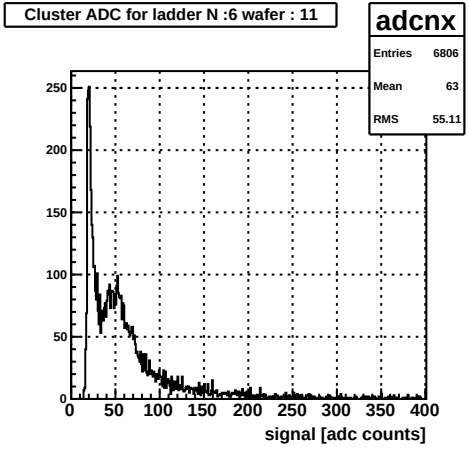

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 9468
Mean 54.95
RMS 48.81
signal [adc counts]

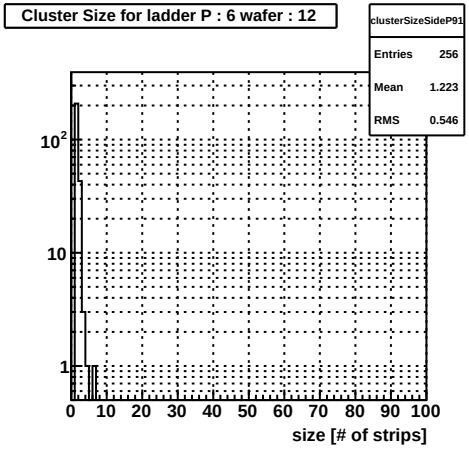

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 8067
Mean 1.153
RMS 0.4581
size [# of strips]

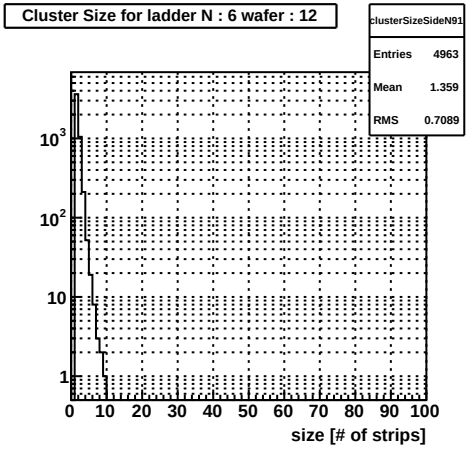

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 6806
Mean 1.429
RMS 0.7319
size [# of strips]

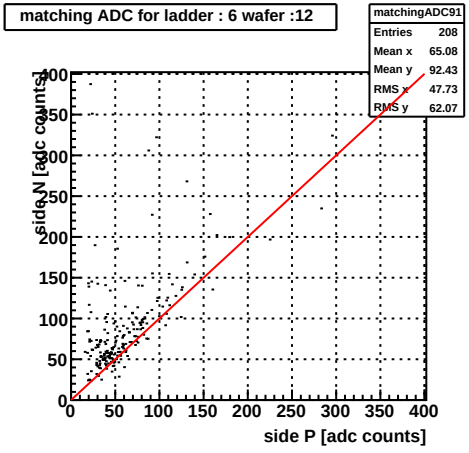

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 2969
Mean x 69.42
Mean y 71.52
RMS x 53.39
RMS y 54.53
side N [adc counts]
side P [adc counts]

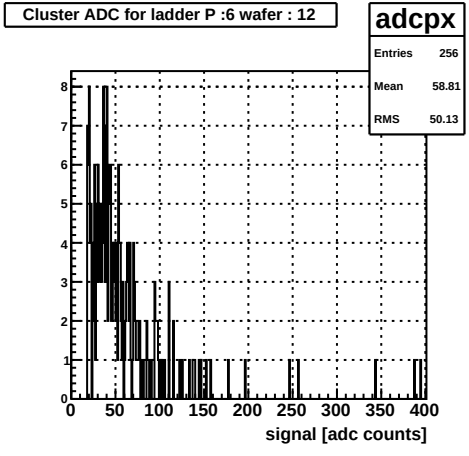

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 8067
Mean 42.61
RMS 41.34
signal [adc counts]

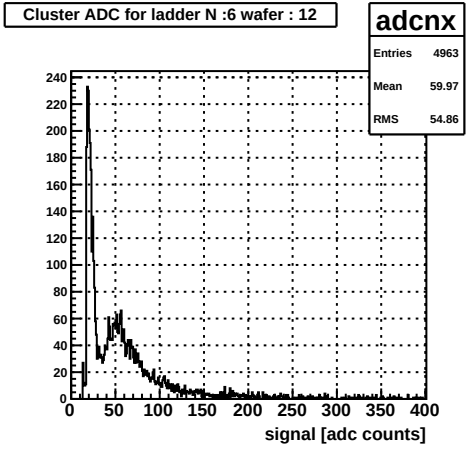

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 6806
Mean 63
RMS 55.11
signal [adc counts]

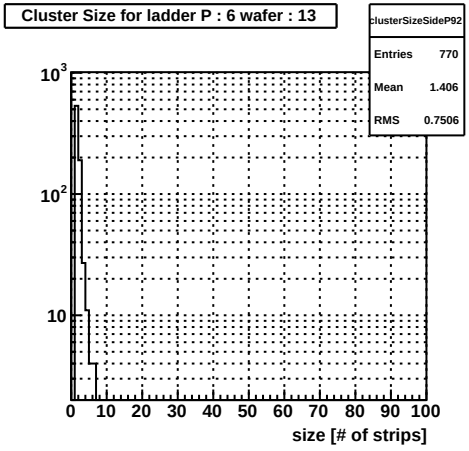

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 256
Mean 1.223
RMS 0.546
size [# of strips]

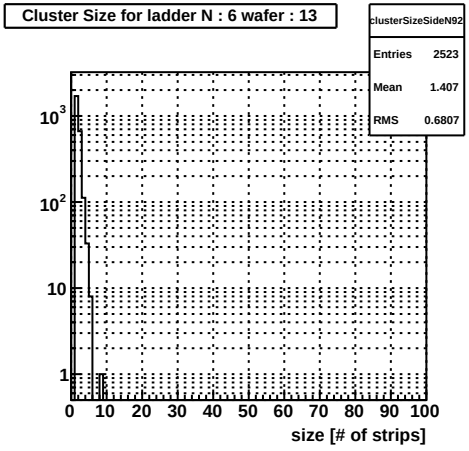

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 4963
Mean 1.359
RMS 0.7089
size [# of strips]

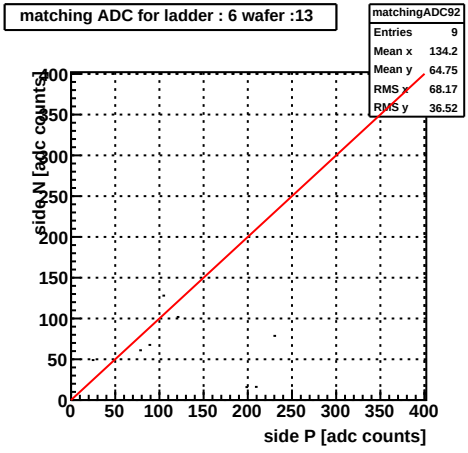

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 208
Mean x 65.08
Mean y 92.43
RMS x 47.73
RMS y 62.07
side N [adc counts]
side P [adc counts]

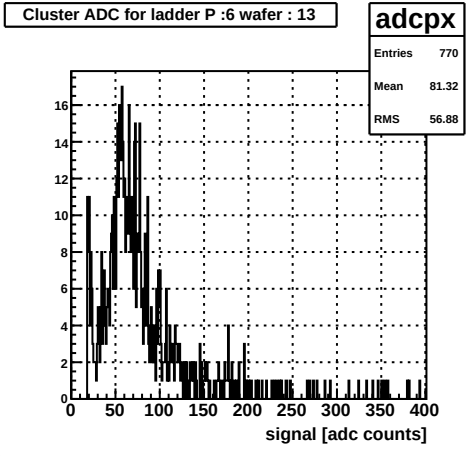

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 256
Mean 58.81
RMS 50.13
signal [adc counts]

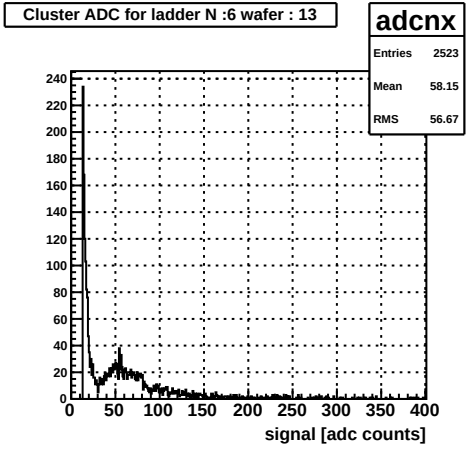

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 4963
Mean 59.97
RMS 54.86
signal [adc counts]

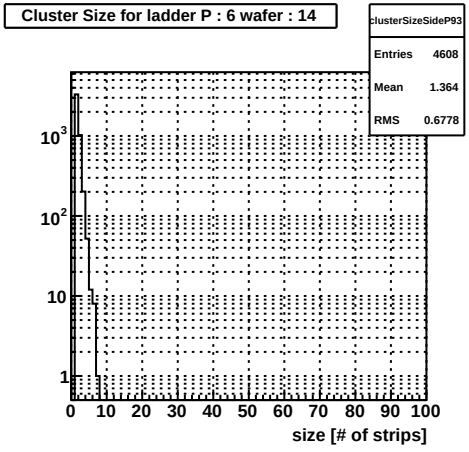

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 770
Mean 1.406
RMS 0.7506
size [# of strips]

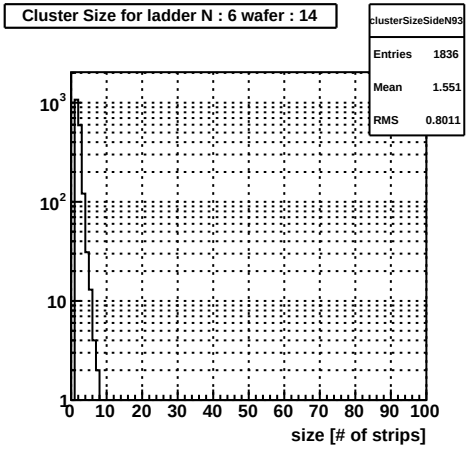

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 2523
Mean 1.407
RMS 0.6807
size [# of strips]

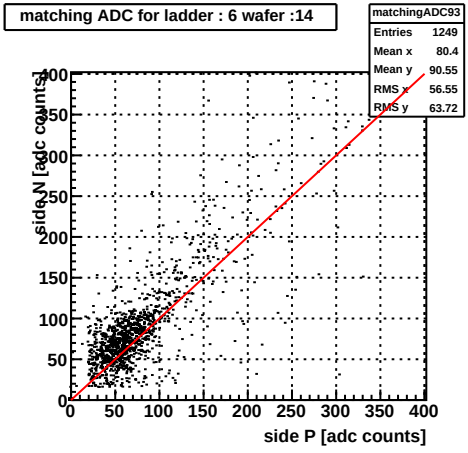

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 9
Mean x 134.2
Mean y 64.75
RMS x 68.17
RMS y 36.52
side N [adc counts]
side P [adc counts]

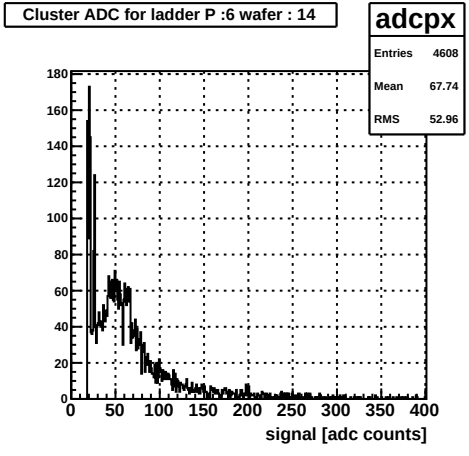

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 770
Mean 81.32
RMS 56.88
signal [adc counts]

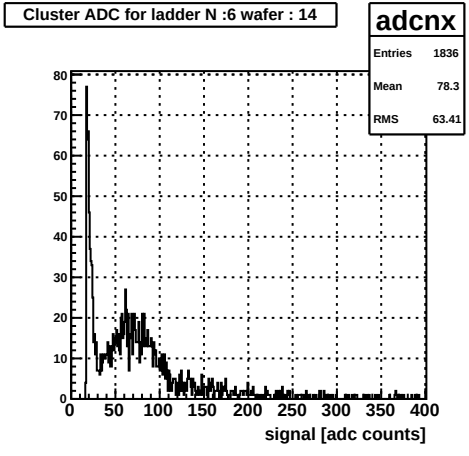

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 2523
Mean 58.15
RMS 56.67
signal [adc counts]

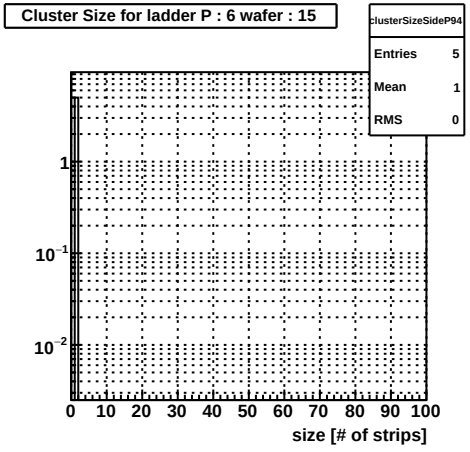

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 4608
Mean 1.364
RMS 0.6778
size [# of strips]

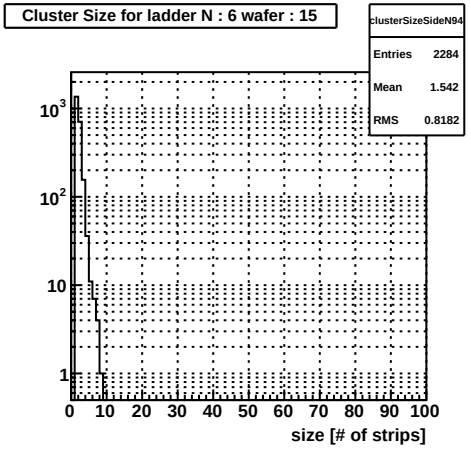

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1836
Mean 1.551
RMS 0.8011
size [# of strips]

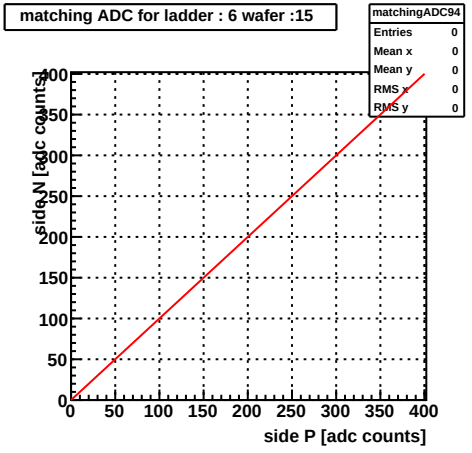

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 1249
Mean x 80.4
Mean y 90.55
RMS x 56.55
RMS y 63.72
side N [adc counts]
side P [adc counts]

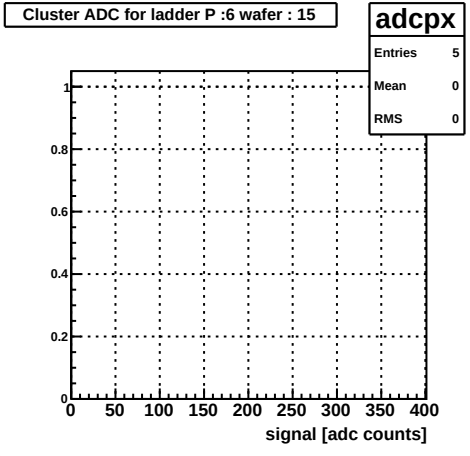

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 4608
Mean 67.74
RMS 52.96
signal [adc counts]

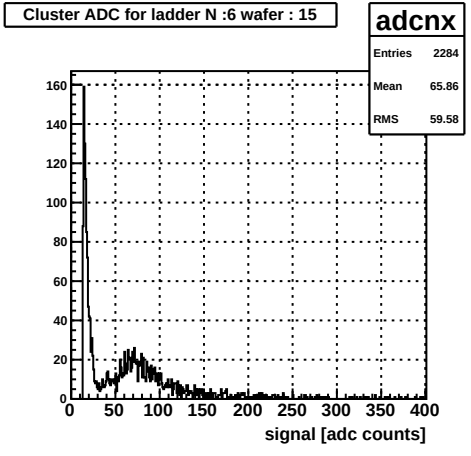

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1836
Mean 78.3
RMS 63.41
signal [adc counts]

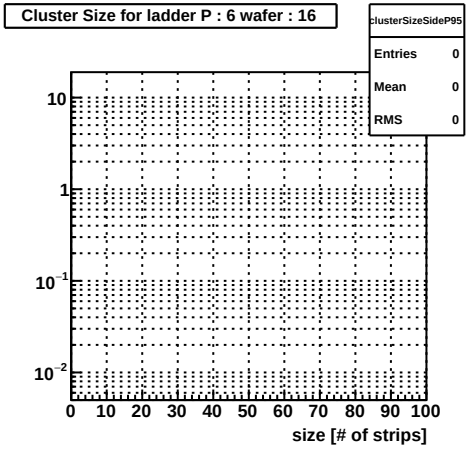

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 5
Mean 1
RMS 0
size [# of strips]

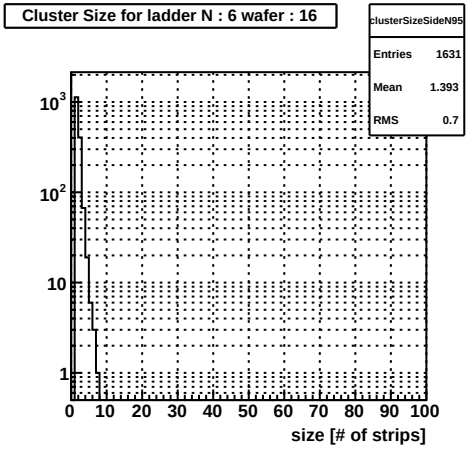

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2284
Mean 1.542
RMS 0.8182
size [# of strips]

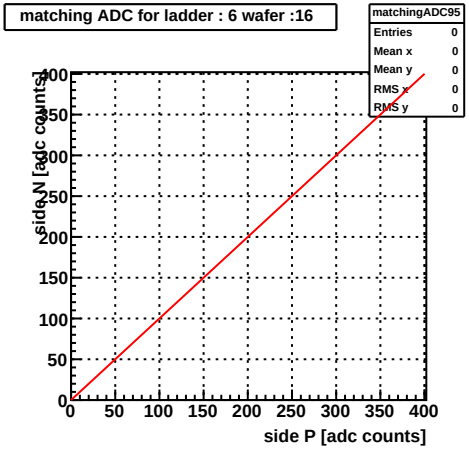

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

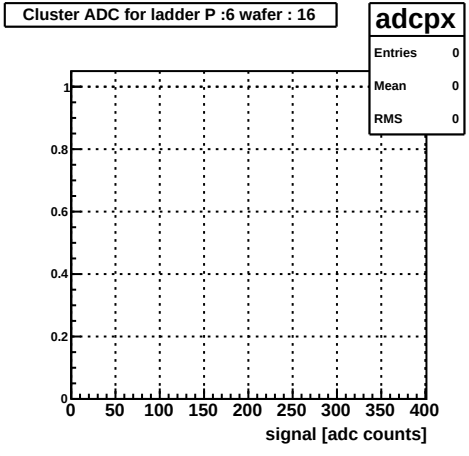

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

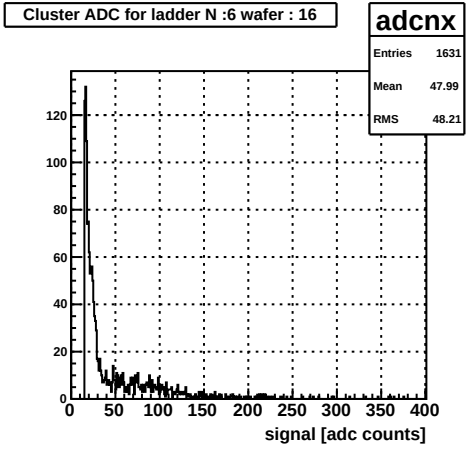

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2284
Mean 65.86
RMS 59.58
signal [adc counts]

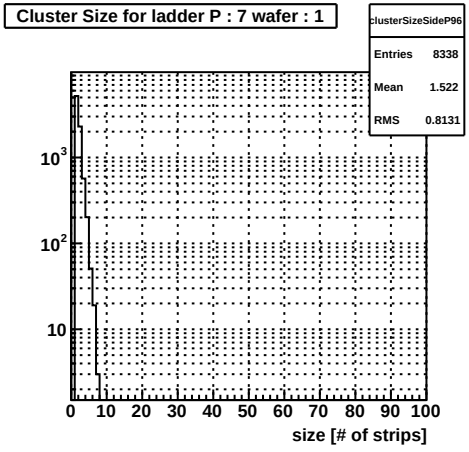

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

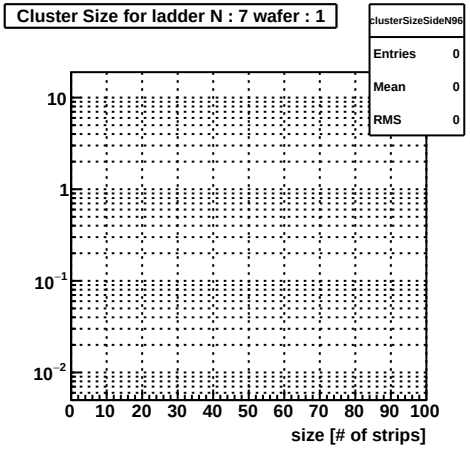

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1631
Mean 1.393
RMS 0.7
size [# of strips]

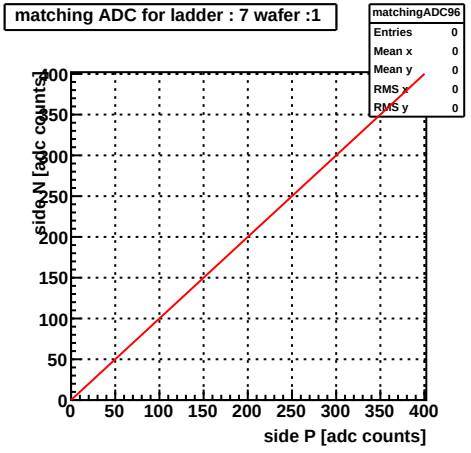

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

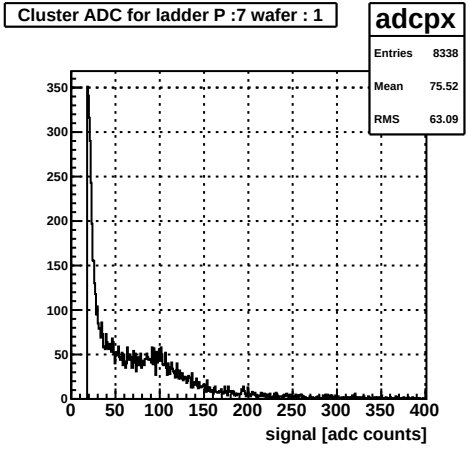

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

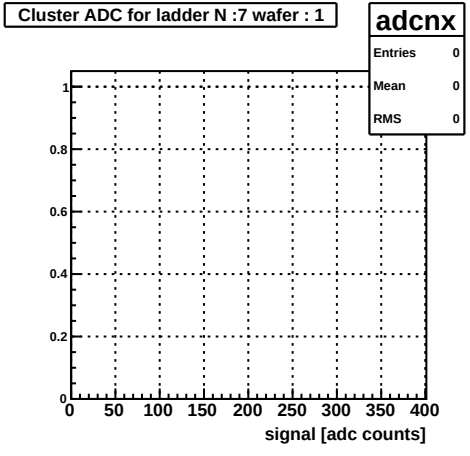

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1631
Mean 47.99
RMS 48.21
signal [adc counts]

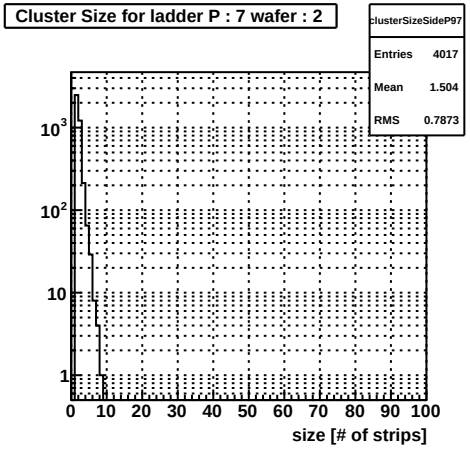

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8338
Mean 1.522
RMS 0.8131
size [# of strips]

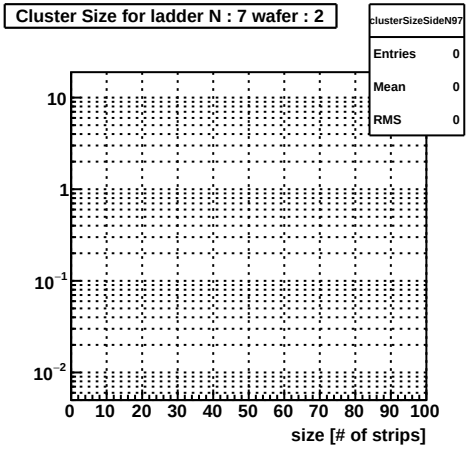

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

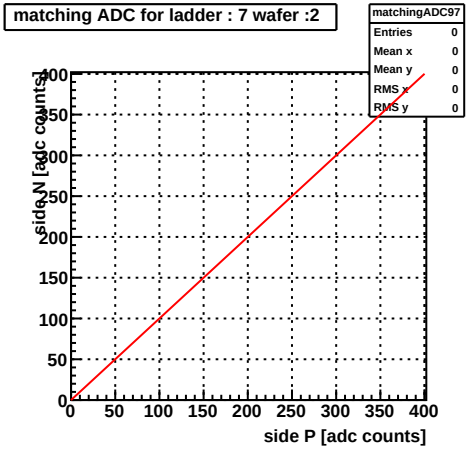

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

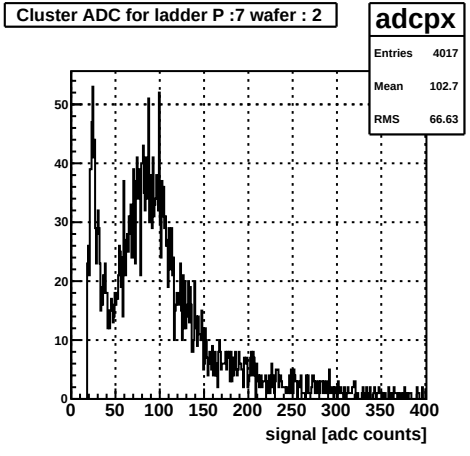

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8338
Mean 75.52
RMS 63.09
signal [adc counts]

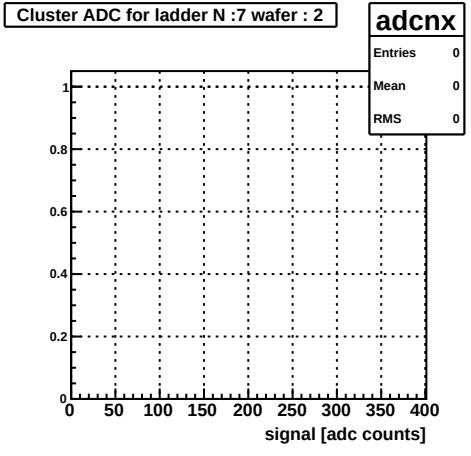

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

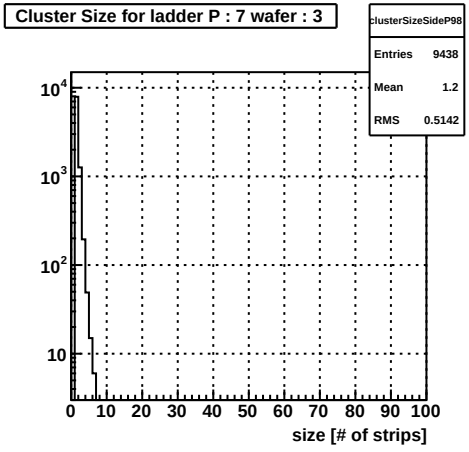

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 4017
Mean 1.504
RMS 0.7873
size [# of strips]

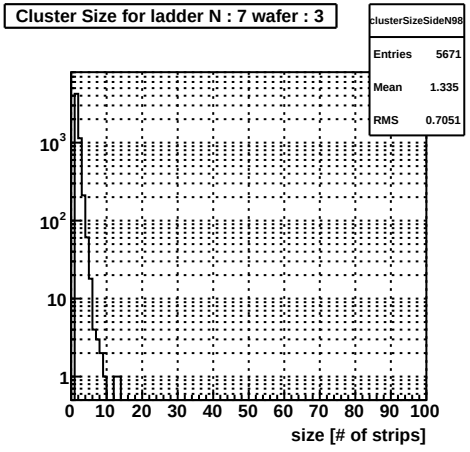

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

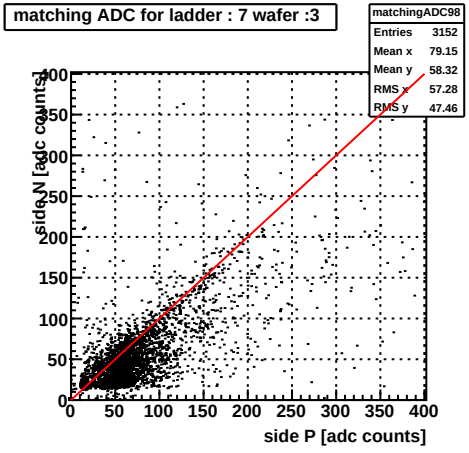

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

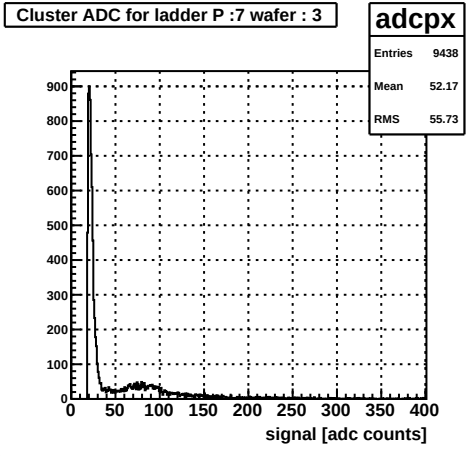

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 4017
Mean 102.7
RMS 66.63
signal [adc counts]

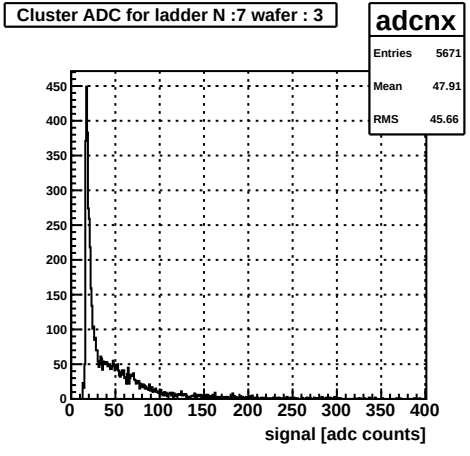

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

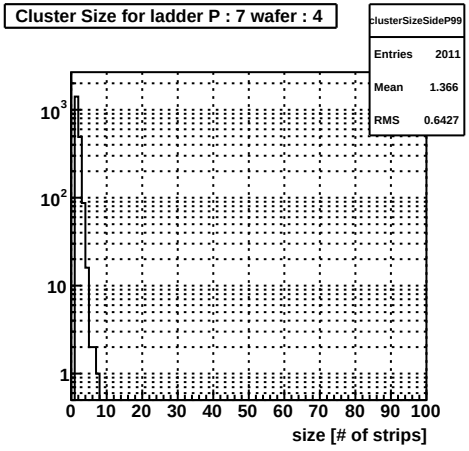

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 9438
Mean 1.2
RMS 0.5142
size [# of strips]

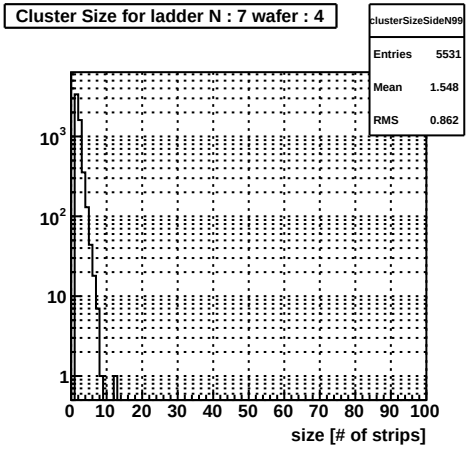

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 5671
Mean 1.335
RMS 0.7051
size [# of strips]

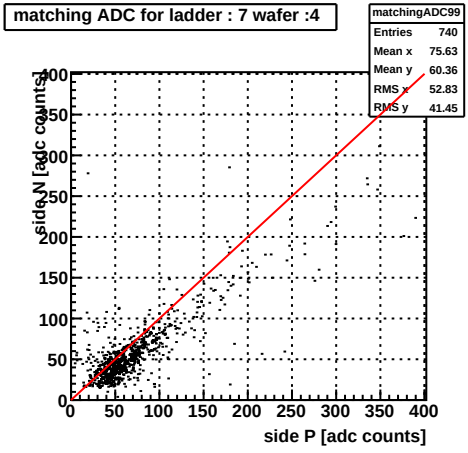

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 3152
Mean x 79.15
Mean y 58.32
RMS x 57.28
RMS y 47.46
side N [adc counts]
side P [adc counts]

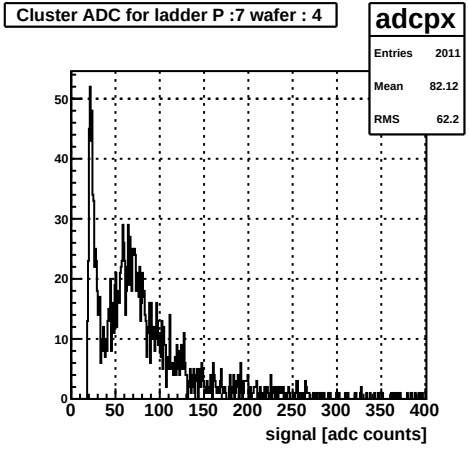

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 9438
Mean 52.17
RMS 55.73
signal [adc counts]

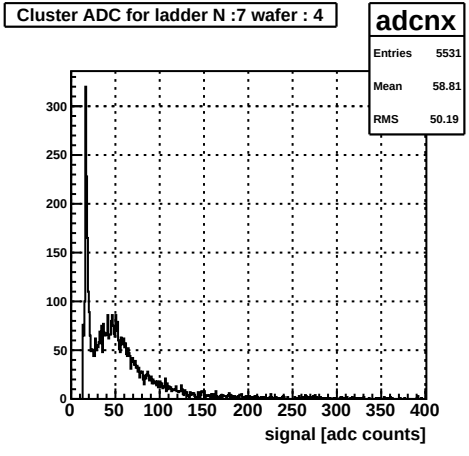

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 5671
Mean 47.91
RMS 45.66
signal [adc counts]

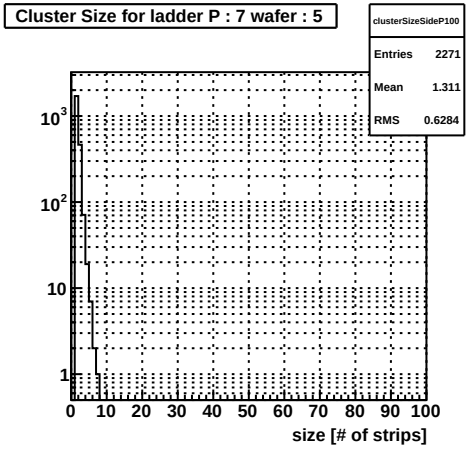

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2011
Mean 1.366
RMS 0.6427
size [# of strips]

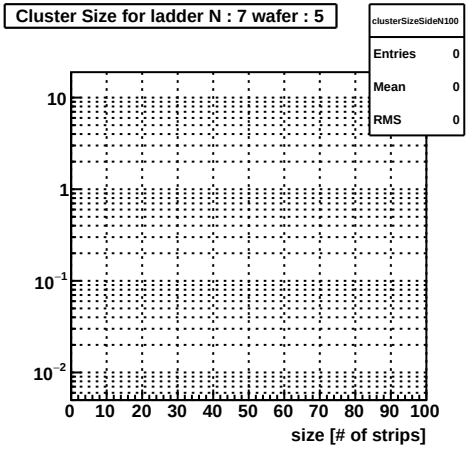

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 5531
Mean 1.548
RMS 0.862
size [# of strips]

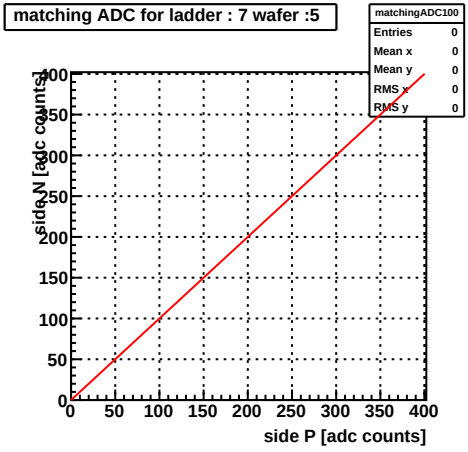

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 740
Mean x 75.63
Mean y 60.36
RMS x 52.83
RMS y 41.45
side N [adc counts]
side P [adc counts]

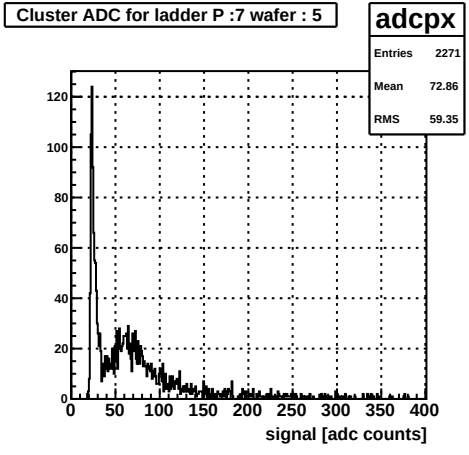

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2011
Mean 82.12
RMS 62.2
signal [adc counts]

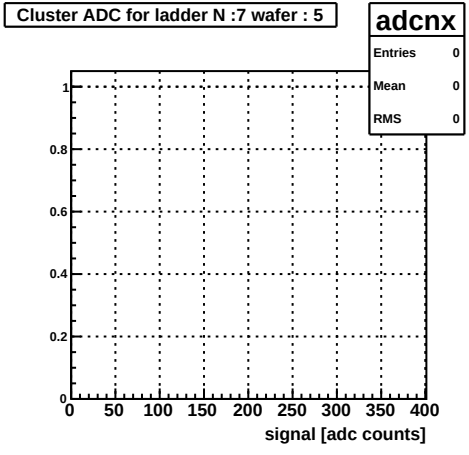

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 5531
Mean 58.81
RMS 50.19
signal [adc counts]

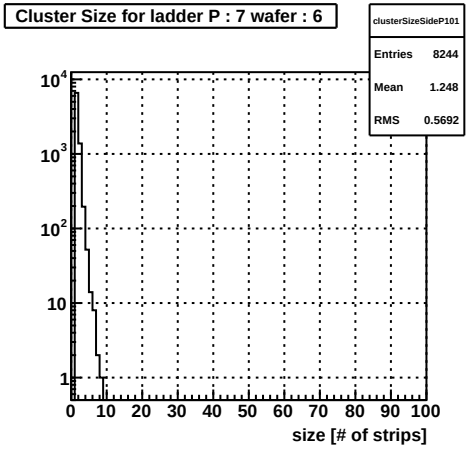

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 2271
Mean 1.311
RMS 0.6284
size [# of strips]

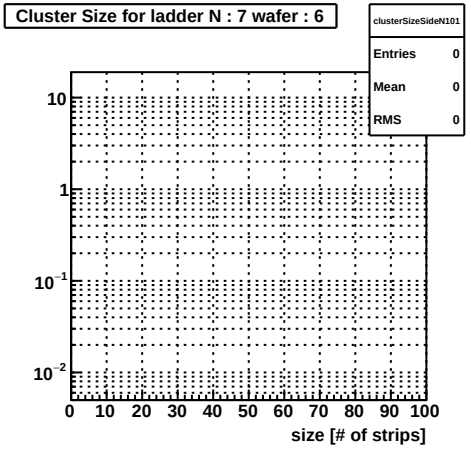

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

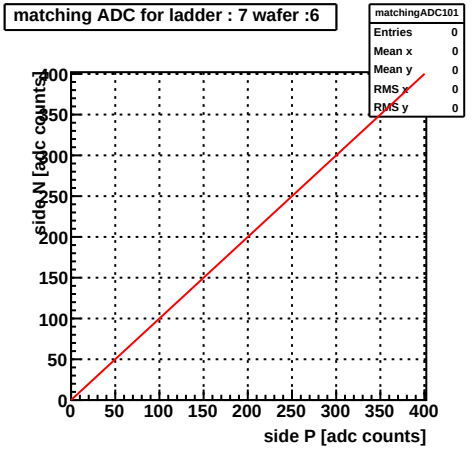

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

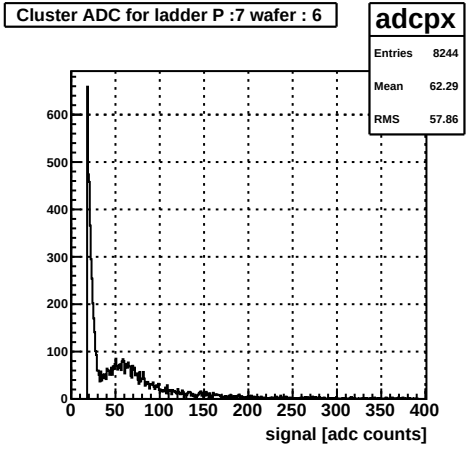

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 2271
Mean 72.86
RMS 59.35
signal [adc counts]

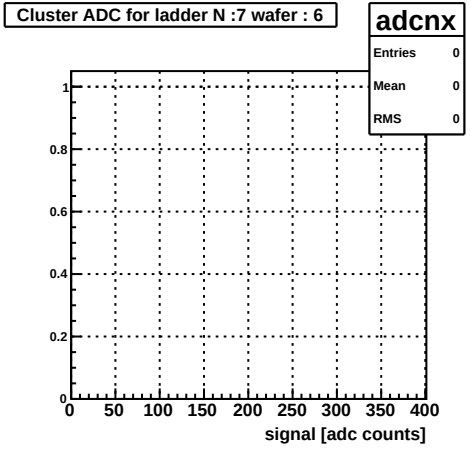

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

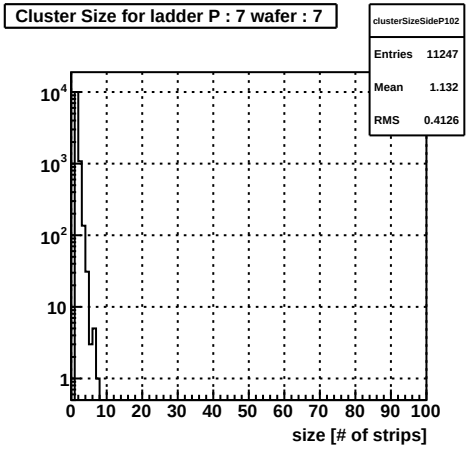

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 8244
Mean 1.248
RMS 0.5692
size [# of strips]

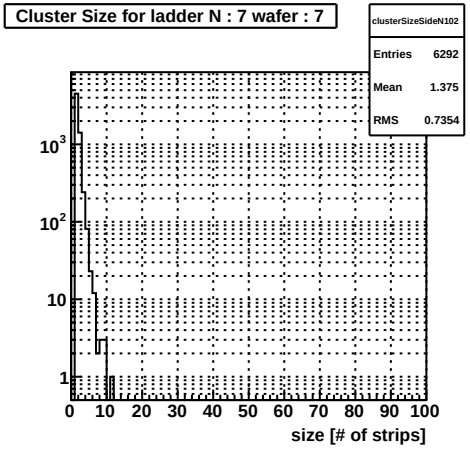

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

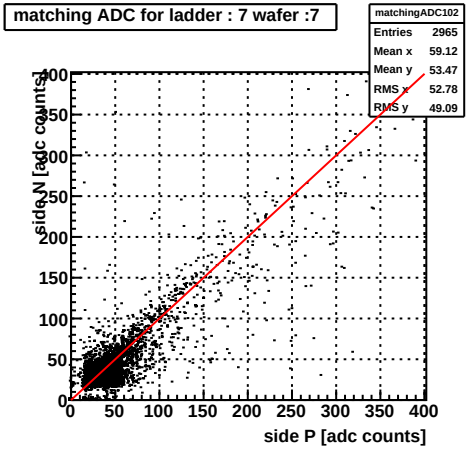

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

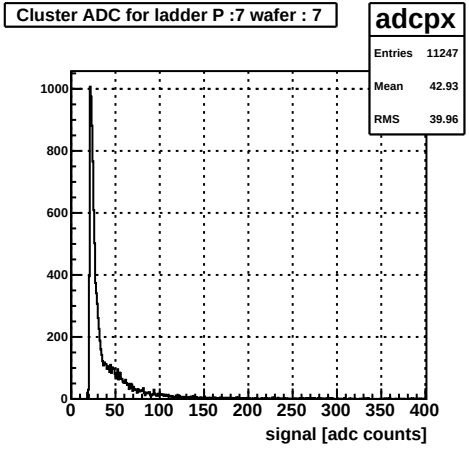

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 8244
Mean 62.29
RMS 57.86
signal [adc counts]

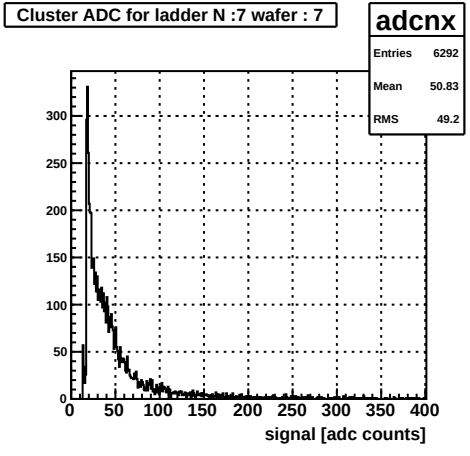

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

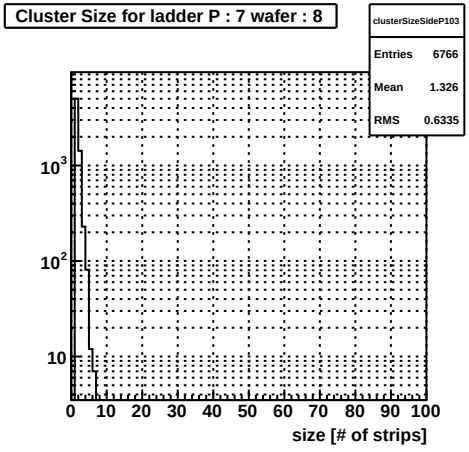

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 11247
Mean 1.132
RMS 0.4126
size [# of strips]

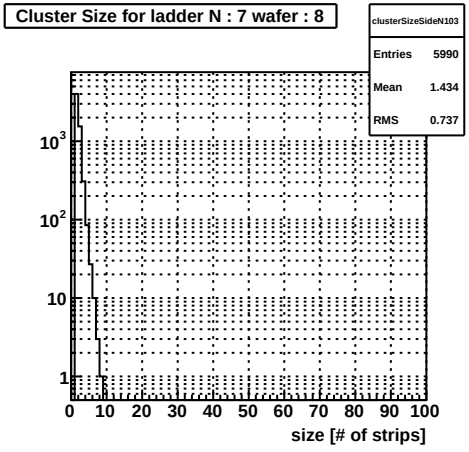

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 6292
Mean 1.375
RMS 0.7354
size [# of strips]

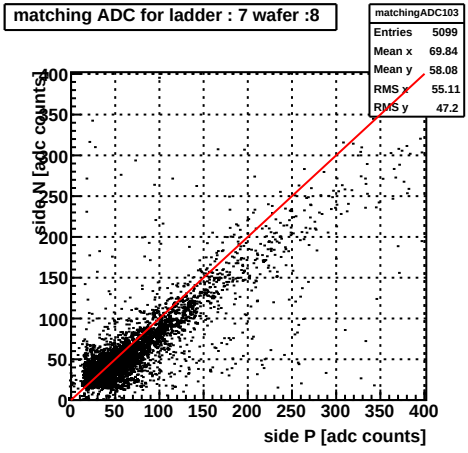

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 2965
Mean x 59.12
Mean y 53.47
RMS x 52.78
RMS y 49.09
side N [adc counts]
side P [adc counts]

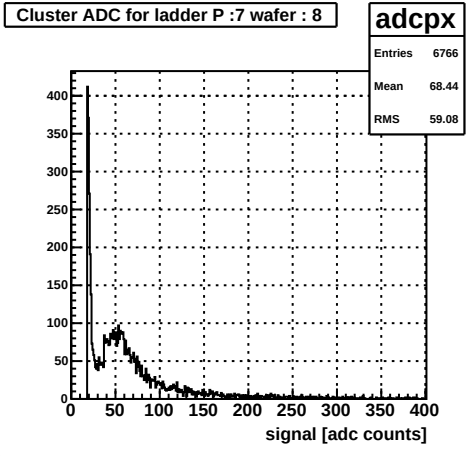

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 11247
Mean 42.93
RMS 39.96
signal [adc counts]

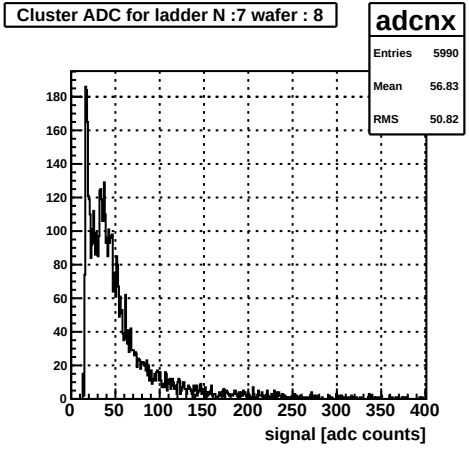

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 6292
Mean 50.83
RMS 49.2
signal [adc counts]

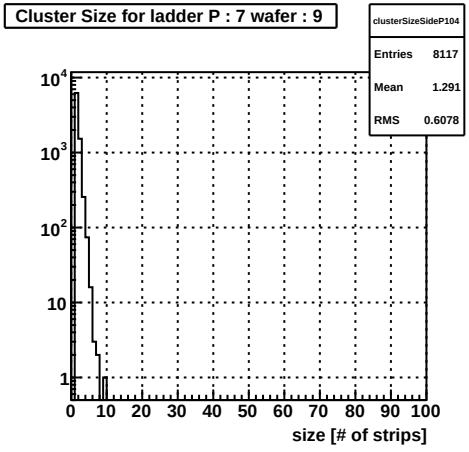

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 6766
Mean 1.326
RMS 0.6335
size [# of strips]

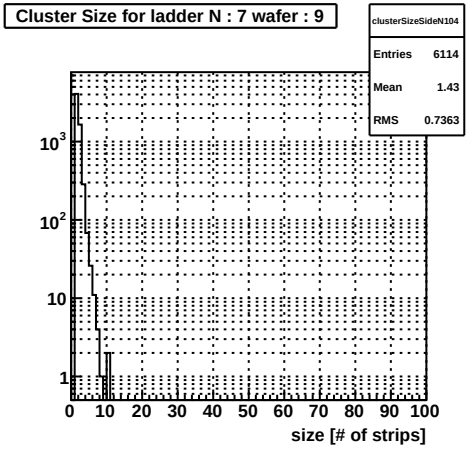

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 5990
Mean 1.434
RMS 0.737
size [# of strips]

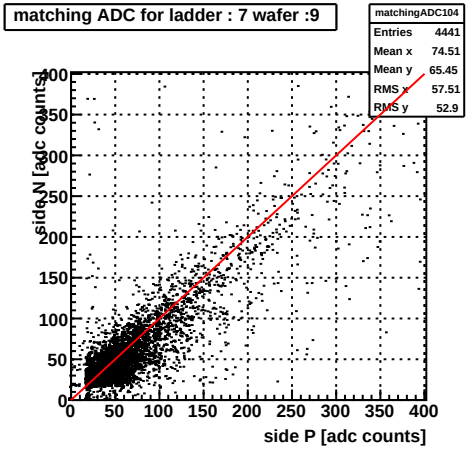

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 5099
Mean x 69.84
Mean y 58.08
RMS x 55.11
RMS y 47.2
side N [adc counts]
side P [adc counts]

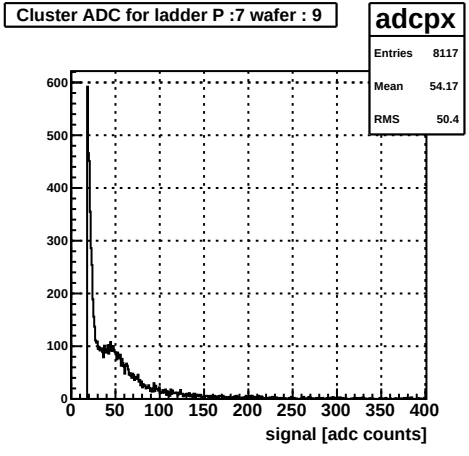

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 6766
Mean 68.44
RMS 59.08
signal [adc counts]

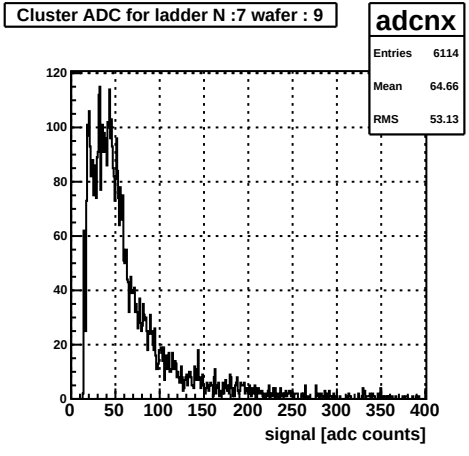

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 5990
Mean 56.83
RMS 50.82
signal [adc counts]

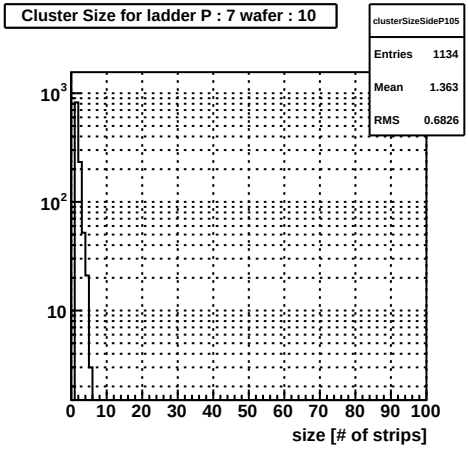

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 8117
Mean 1.291
RMS 0.6078
size [# of strips]

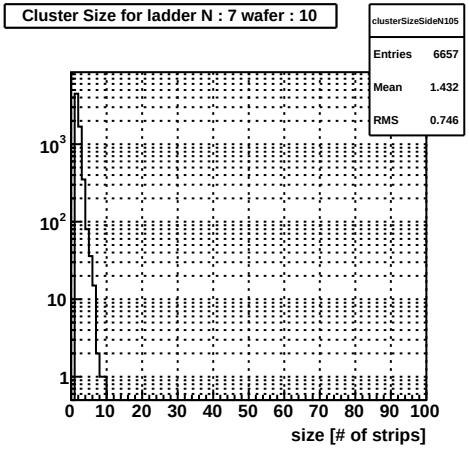

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 6114
Mean 1.43
RMS 0.7363
size [# of strips]

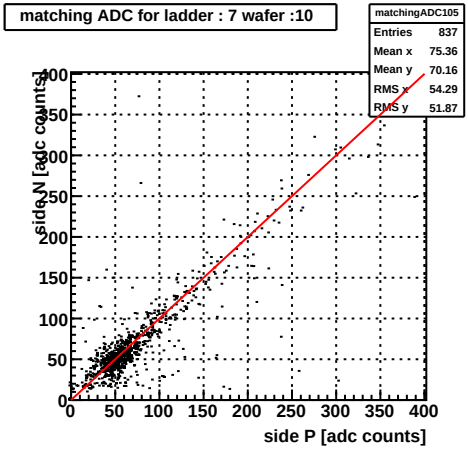

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 4441
Mean x 74.51
Mean y 65.45
RMS x 57.51
RMS y 52.9
side N [adc counts]
side P [adc counts]

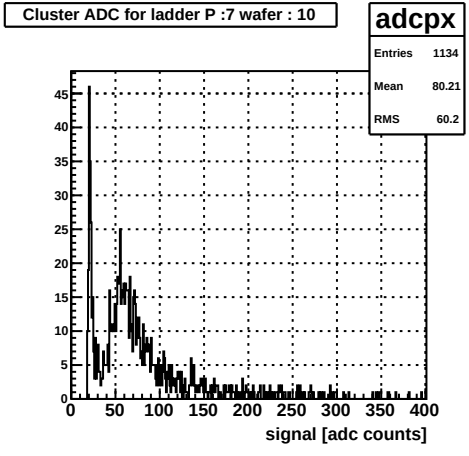

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 8117
Mean 54.17
RMS 50.4
signal [adc counts]

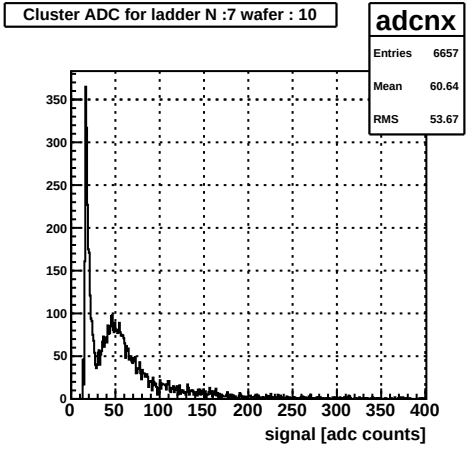

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 6114
Mean 64.66
RMS 53.13
signal [adc counts]

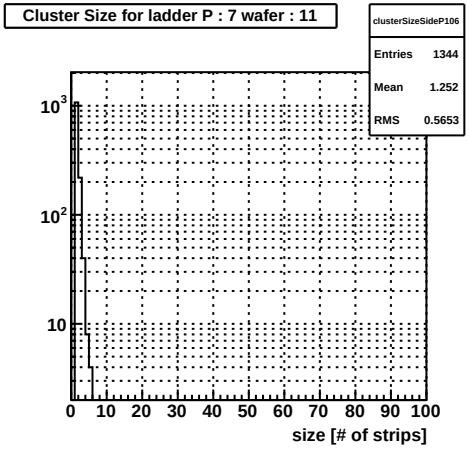

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1134
Mean 1.363
RMS 0.6826
size [# of strips]

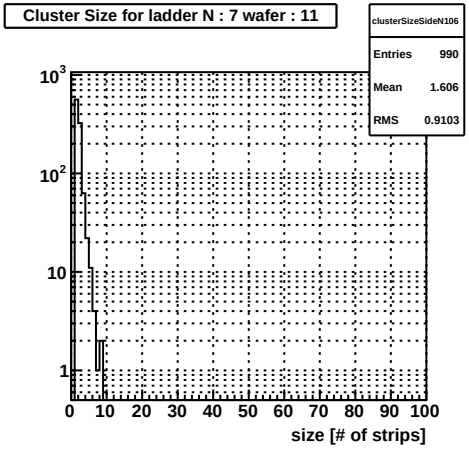

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 6657
Mean 1.432
RMS 0.746
size [# of strips]

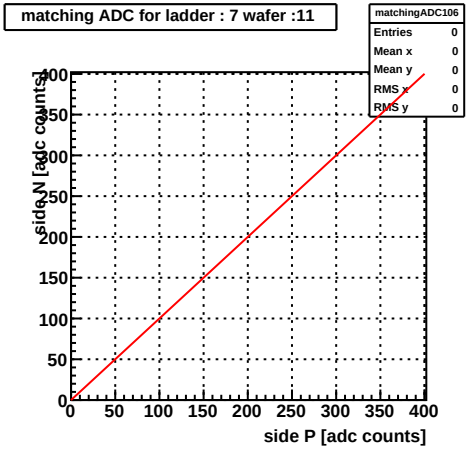

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 837
Mean x 75.36
Mean y 70.16
RMS x 54.29
RMS y 51.87
side N [adc counts]
side P [adc counts]

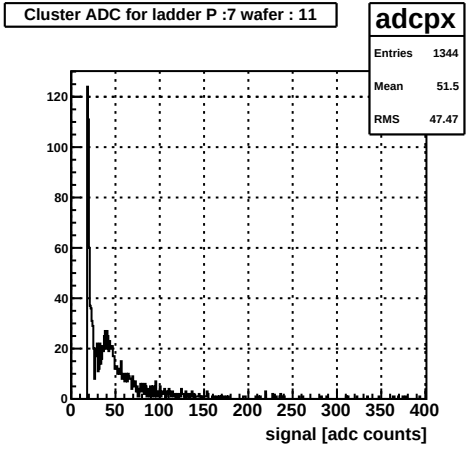

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1134
Mean 80.21
RMS 60.2
signal [adc counts]

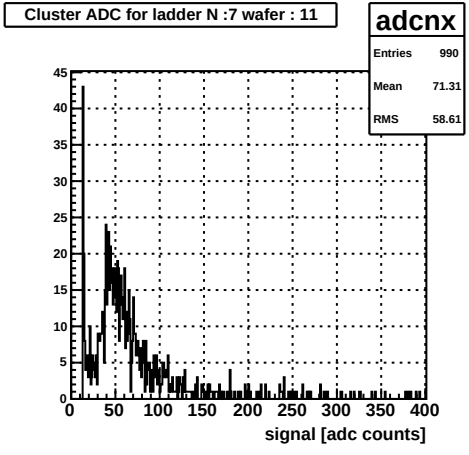

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 6657
Mean 60.64
RMS 53.67
signal [adc counts]

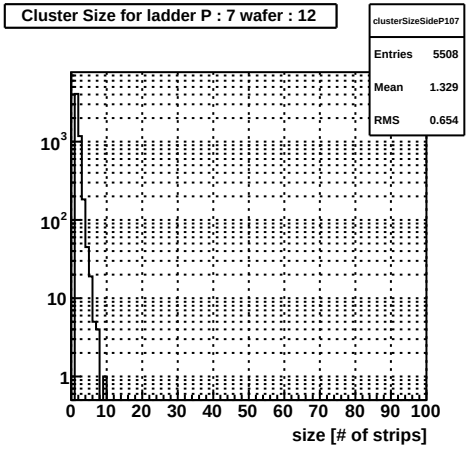

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 1344
Mean 1.252
RMS 0.5653
size [# of strips]

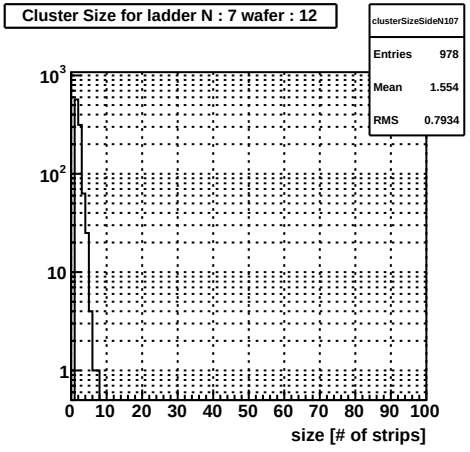

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 990
Mean 1.606
RMS 0.9103
size [# of strips]

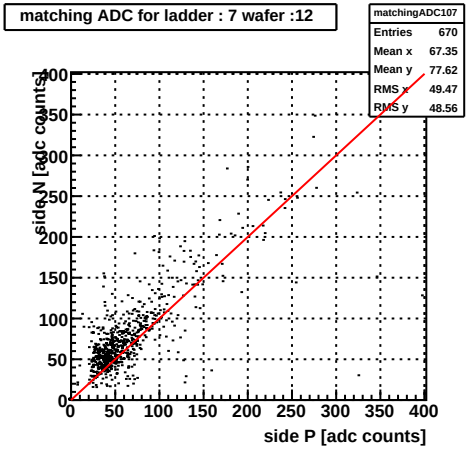

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

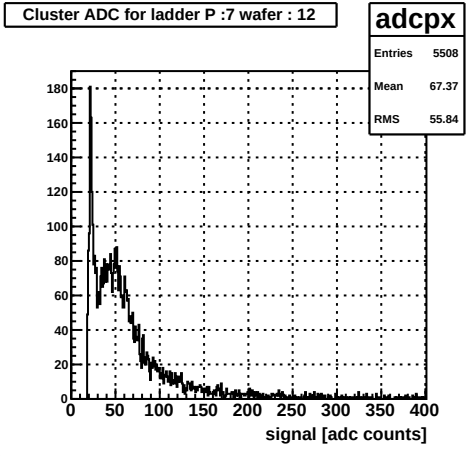

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 1344
Mean 51.5
RMS 47.47
signal [adc counts]

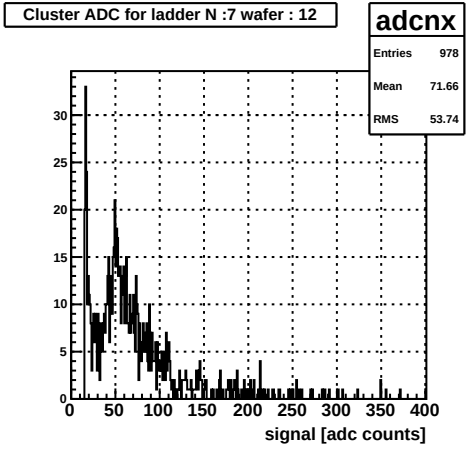

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 990
Mean 71.31
RMS 58.61
signal [adc counts]

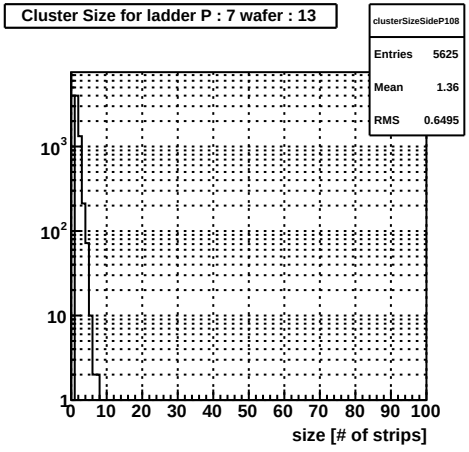

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5508
Mean 1.329
RMS 0.654
size [# of strips]

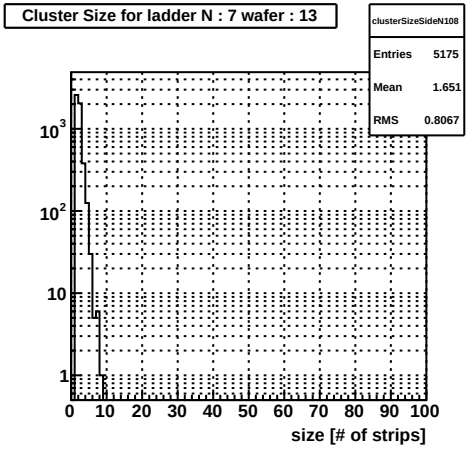

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 978
Mean 1.554
RMS 0.7934
size [# of strips]

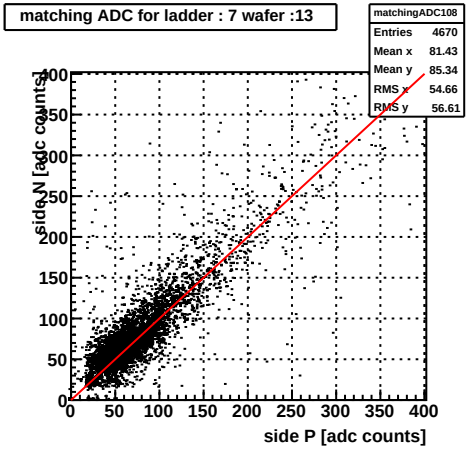

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 670
Mean x 67.35
Mean y 77.62
RMS x 49.47
RMS y 48.56
side N [adc counts]
side P [adc counts]

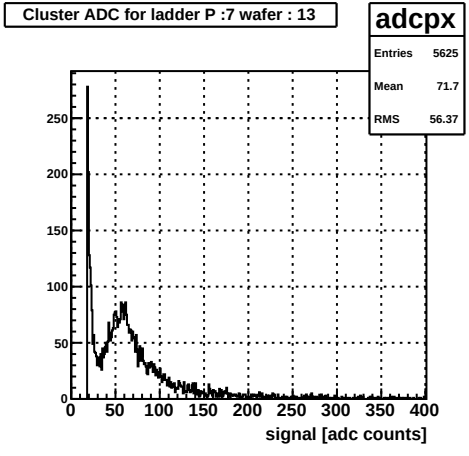

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5508
Mean 67.37
RMS 55.84
signal [adc counts]

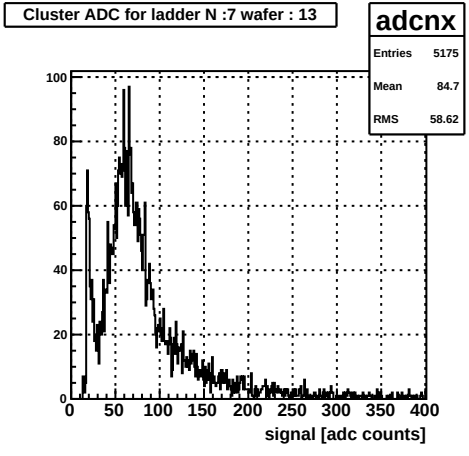

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 978
Mean 71.66
RMS 53.74
signal [adc counts]

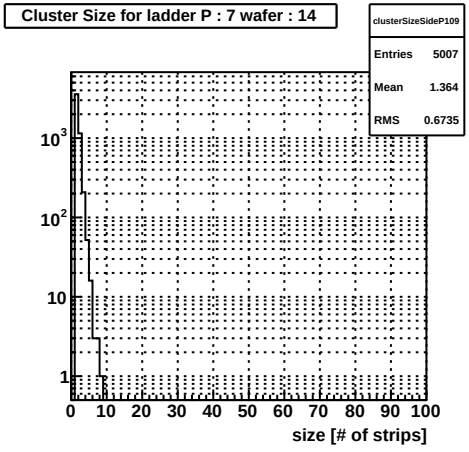

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 5625
Mean 1.36
RMS 0.6495
size [# of strips]

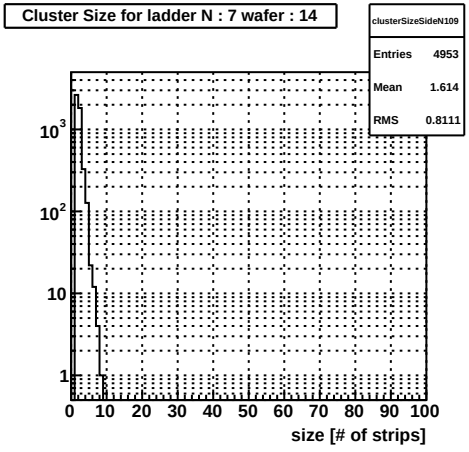

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 5175
Mean 1.651
RMS 0.8067
size [# of strips]

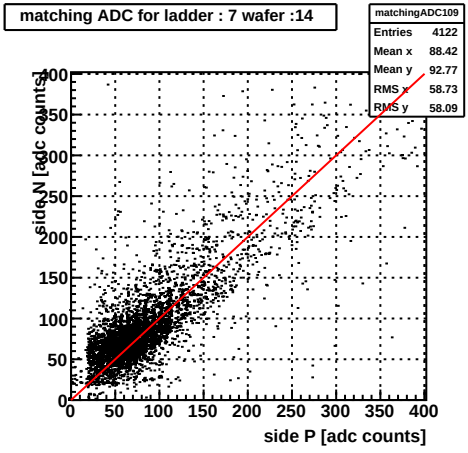

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 4670
Mean x 81.43
Mean y 85.34
RMS x 54.66
RMS y 56.61
side N [adc counts]
side P [adc counts]

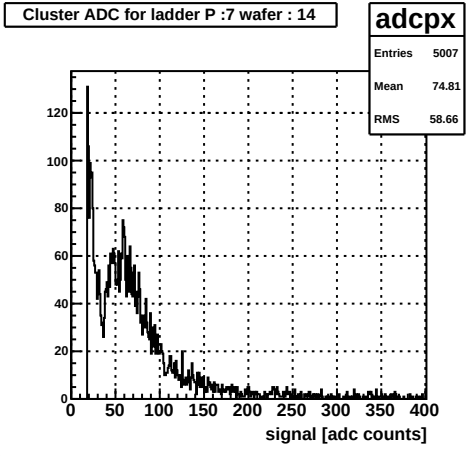

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 5625
Mean 71.7
RMS 56.37
signal [adc counts]

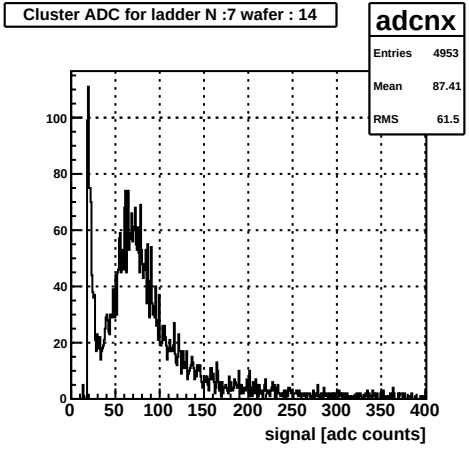

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 5175
Mean 84.7
RMS 58.62
signal [adc counts]

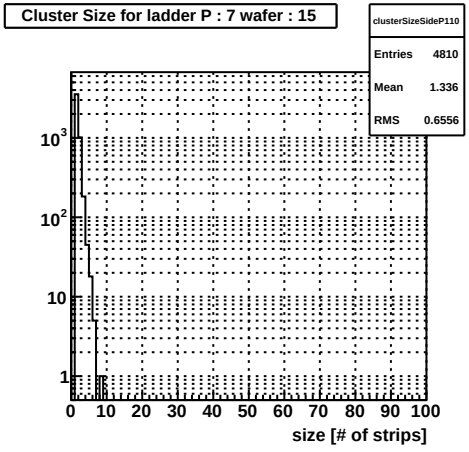

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5007
Mean 1.364
RMS 0.6735
size [# of strips]

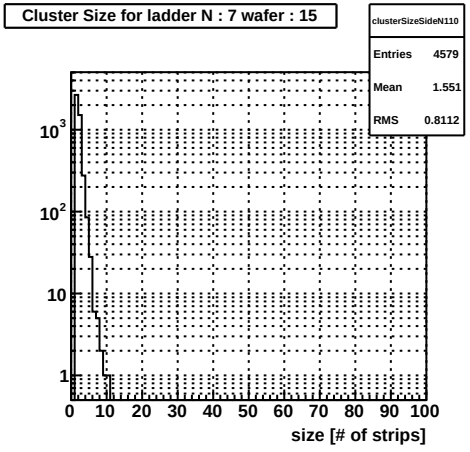

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 4953
Mean 1.614
RMS 0.8111
size [# of strips]

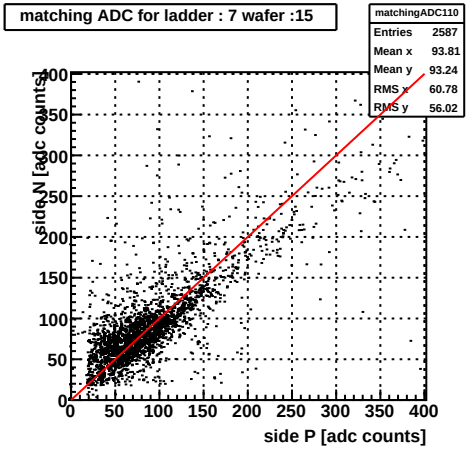

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 4122
Mean x 88.42
Mean y 92.77
RMS x 58.73
RMS y 58.09
side N [adc counts]
side P [adc counts]

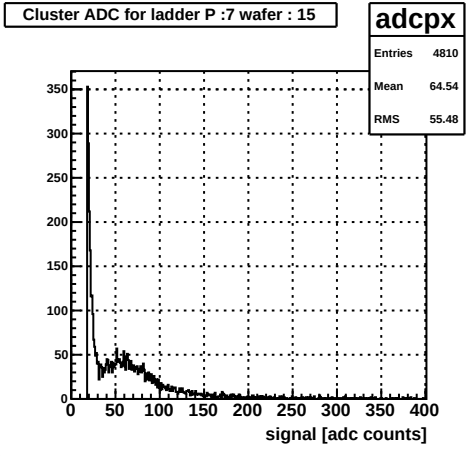

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5007
Mean 74.81
RMS 58.66
signal [adc counts]

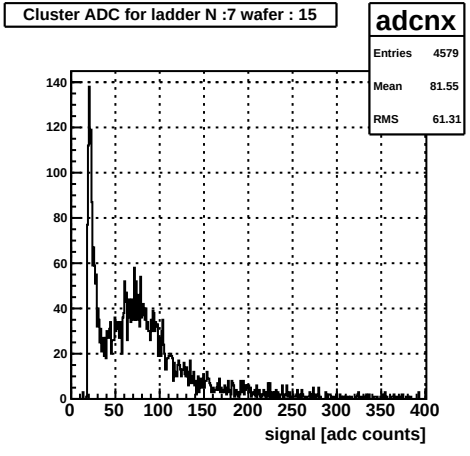

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 4953
Mean 87.41
RMS 61.5
signal [adc counts]

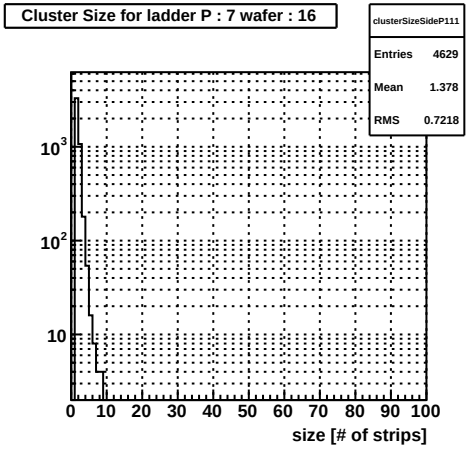

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 4810
Mean 1.336
RMS 0.6556
size [# of strips]

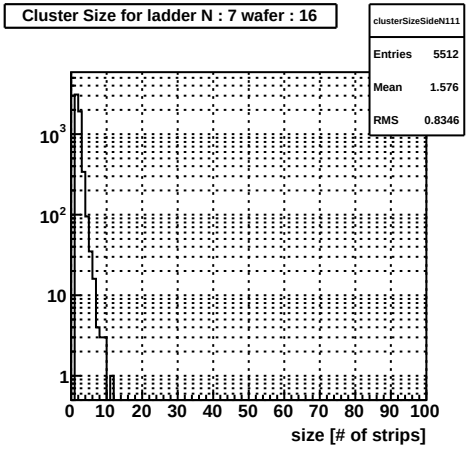

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 4579
Mean 1.551
RMS 0.8112
size [# of strips]

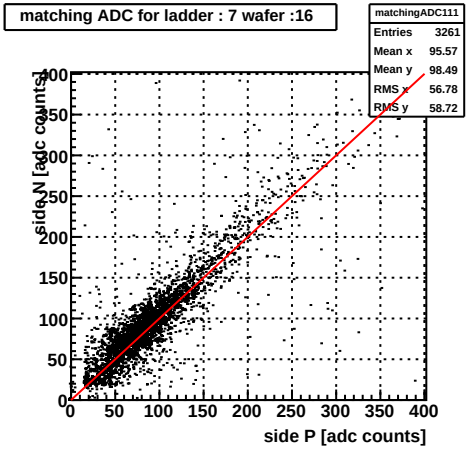

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 2587
Mean x 93.81
Mean y 93.24
RMS x 60.78
RMS y 56.02
side N [adc counts]
side P [adc counts]

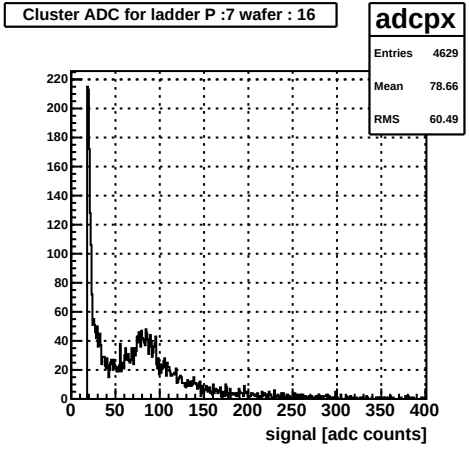

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 4810
Mean 64.54
RMS 55.48
signal [adc counts]

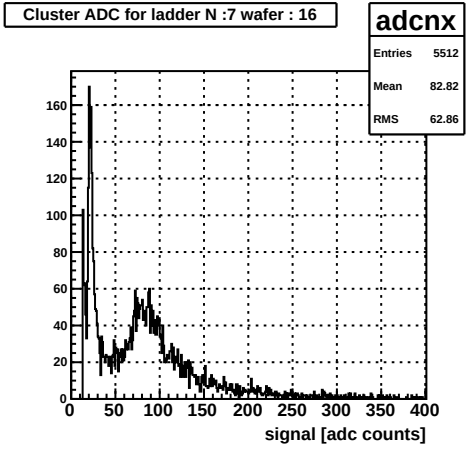

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 4579
Mean 81.55
RMS 61.31
signal [adc counts]

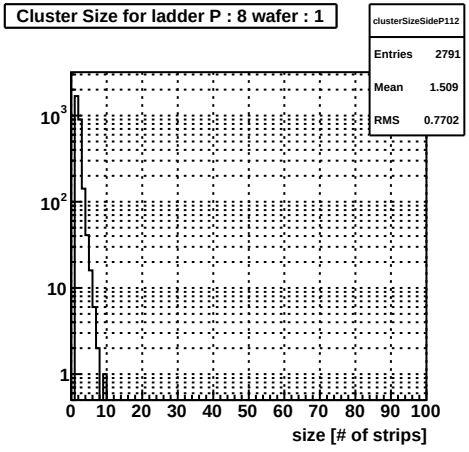

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4629
Mean 1.378
RMS 0.7218
size [# of strips]

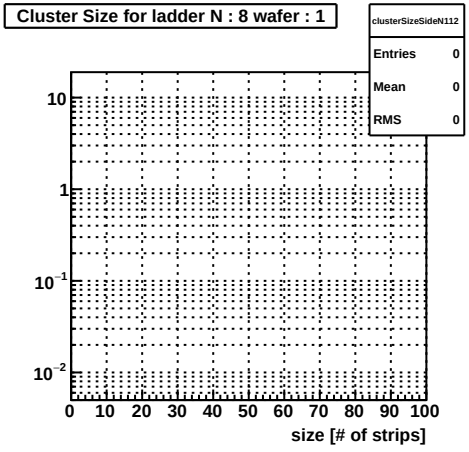

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 5512
Mean 1.576
RMS 0.8346
size [# of strips]

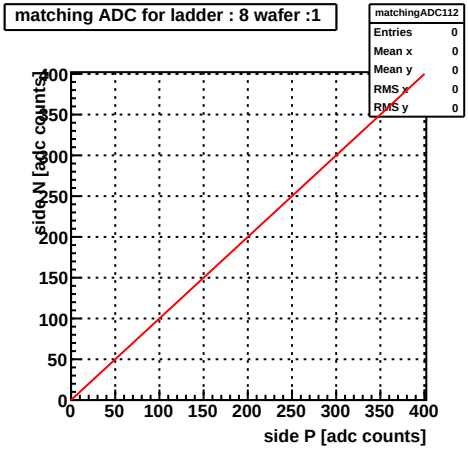

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 3261
Mean x 95.57
Mean y 98.49
RMS x 56.78
RMS y 58.72
side N [adc counts]
side P [adc counts]

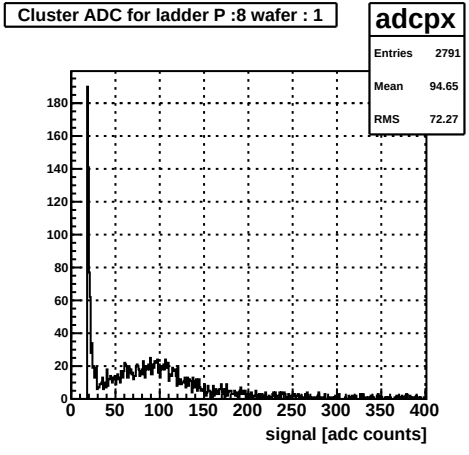

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4629
Mean 78.66
RMS 60.49
signal [adc counts]

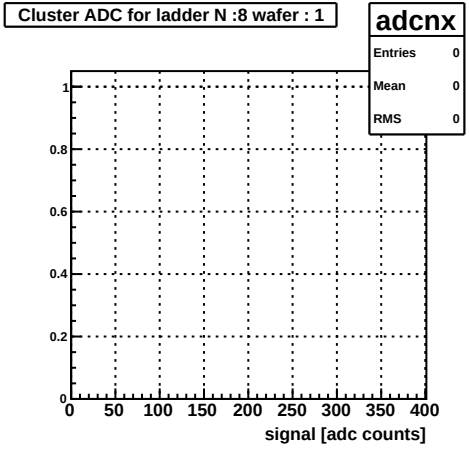

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 5512
Mean 82.82
RMS 62.86
signal [adc counts]

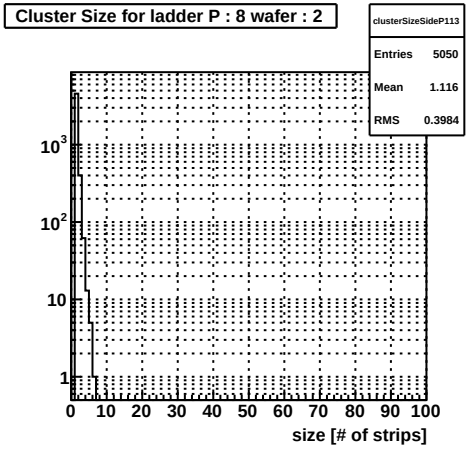

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 2791
Mean 1.509
RMS 0.7702
size [# of strips]

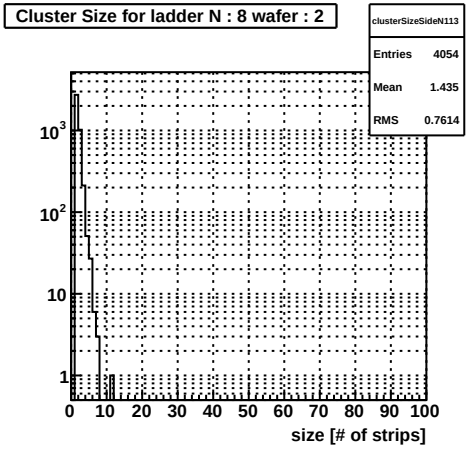

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

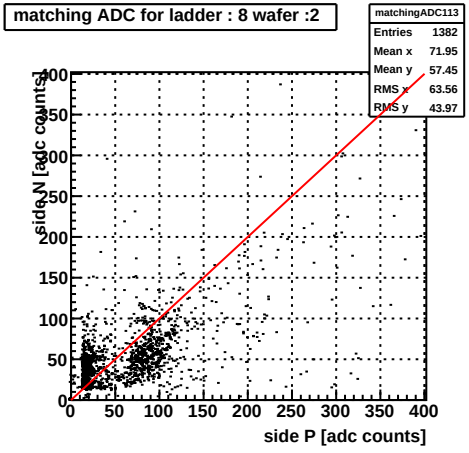

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

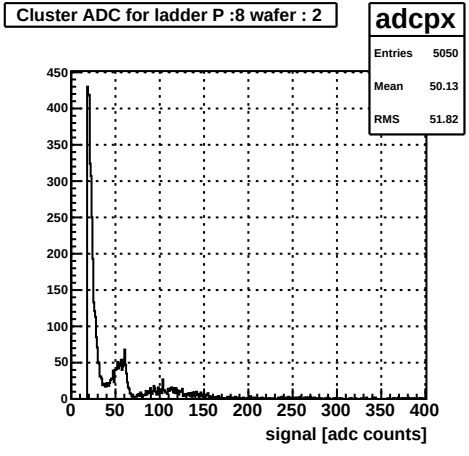

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 2791
Mean 94.65
RMS 72.27
signal [adc counts]

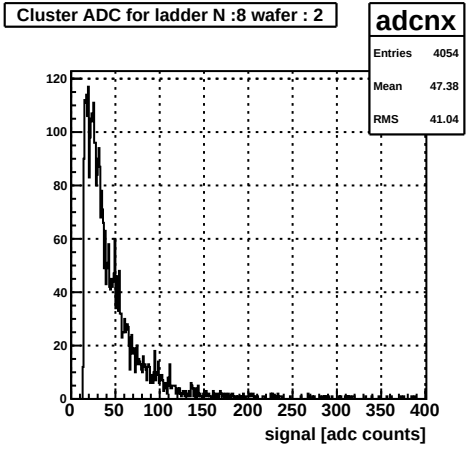

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

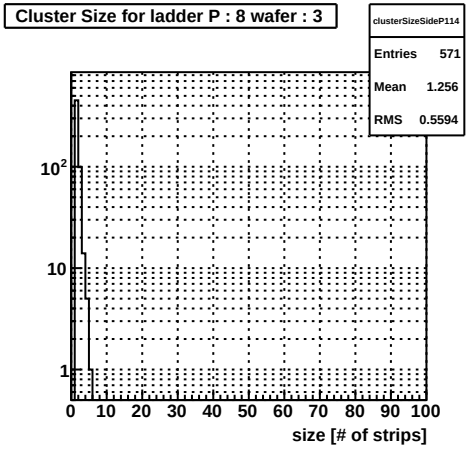

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 5050
Mean 1.116
RMS 0.3984
size [# of strips]

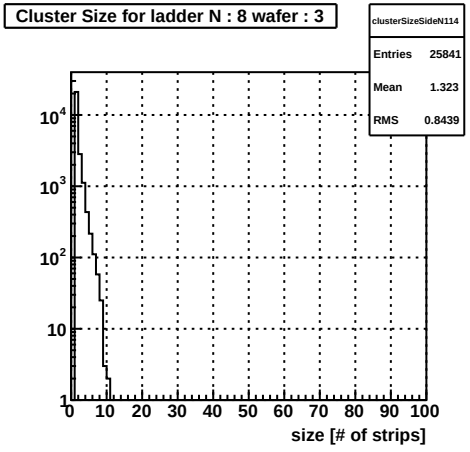

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 4054
Mean 1.435
RMS 0.7614
size [# of strips]

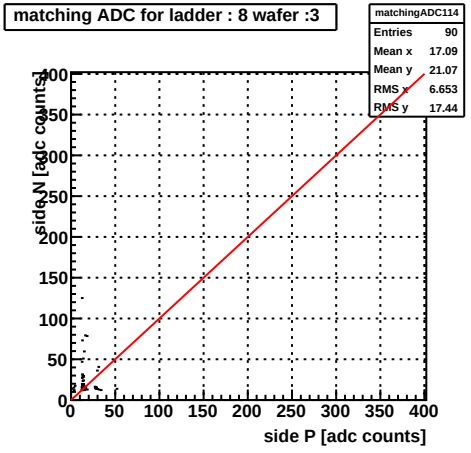

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 1382
Mean x 71.95
Mean y 57.45
RMS x 63.56
RMS y 43.97
side N [adc counts]
side P [adc counts]

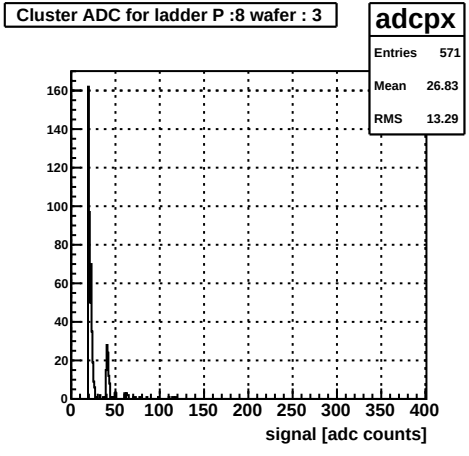

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 5050
Mean 50.13
RMS 51.82
signal [adc counts]

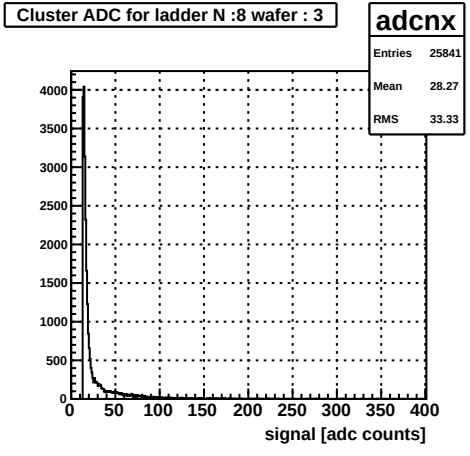

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 4054
Mean 47.38
RMS 41.04
signal [adc counts]

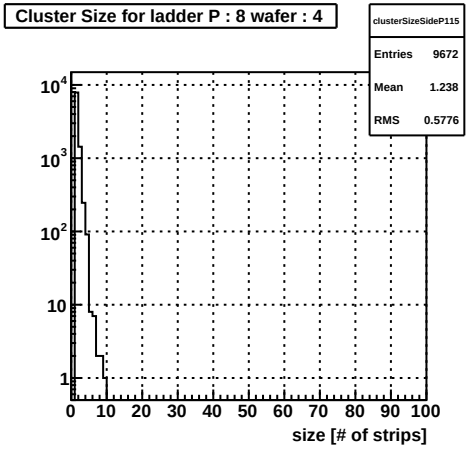

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 571
Mean 1.256
RMS 0.5594
size [# of strips]

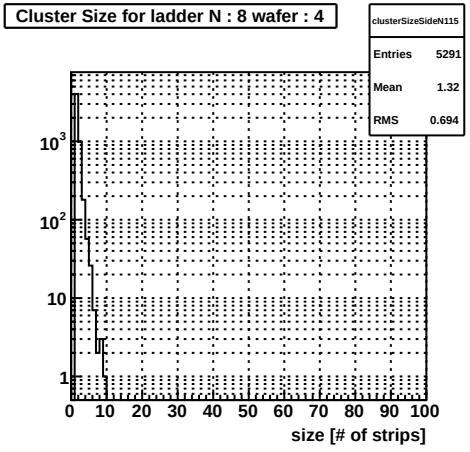

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 25841
Mean 1.323
RMS 0.8439
size [# of strips]

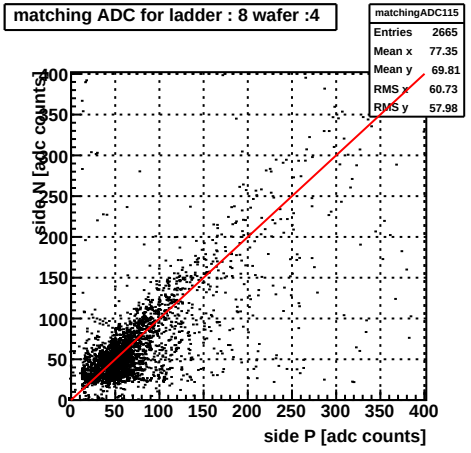

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 90
Mean x 17.09
Mean y 21.07
RMS x 6.653
RMS y 17.44
side N [adc counts]
side P [adc counts]

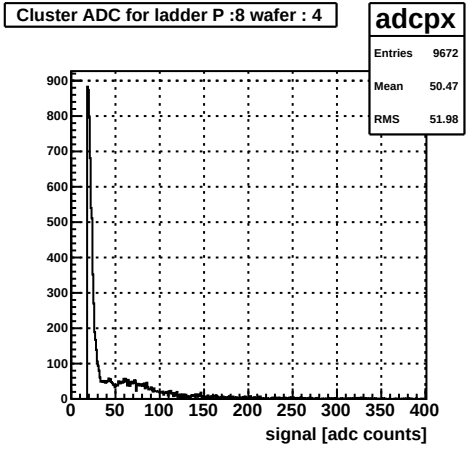

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 571
Mean 26.83
RMS 13.29
signal [adc counts]

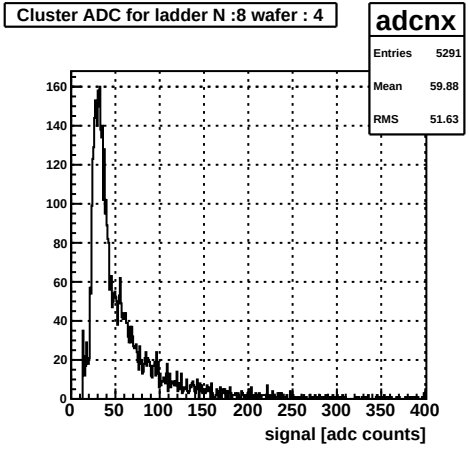

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 25841
Mean 28.27
RMS 33.33
signal [adc counts]

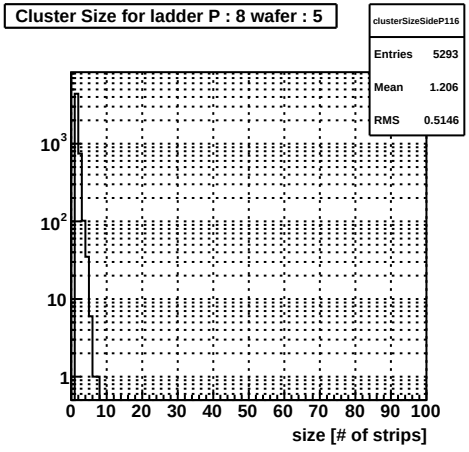

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 9672
Mean 1.238
RMS 0.5776
size [# of strips]

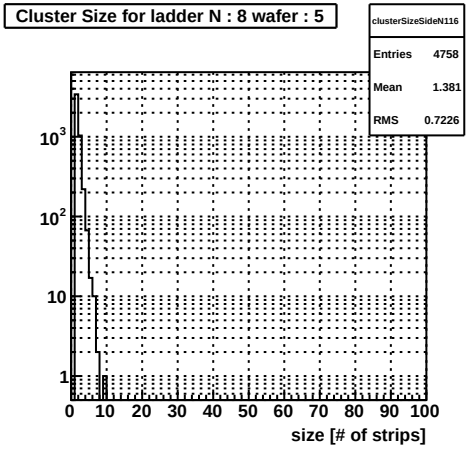

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 5291
Mean 1.32
RMS 0.694
size [# of strips]

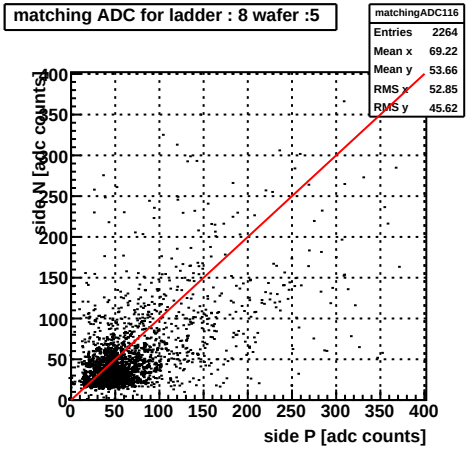

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 2665
Mean x 77.35
Mean y 69.81
RMS x 60.73
RMS y 57.98
side N [adc counts]
side P [adc counts]

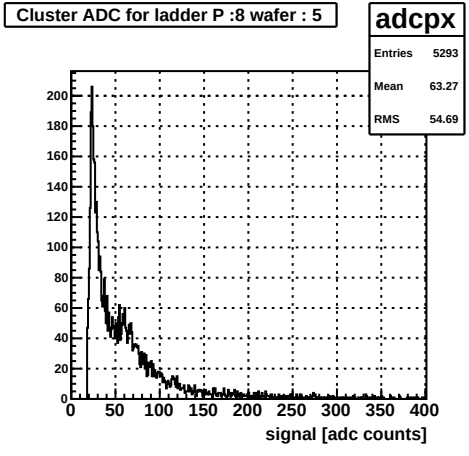

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 9672
Mean 50.47
RMS 51.98
signal [adc counts]

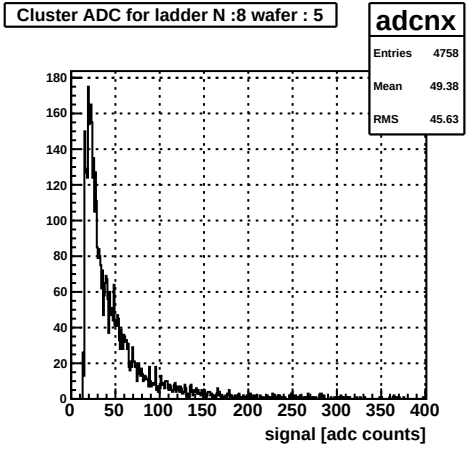

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 5291
Mean 59.88
RMS 51.63
signal [adc counts]

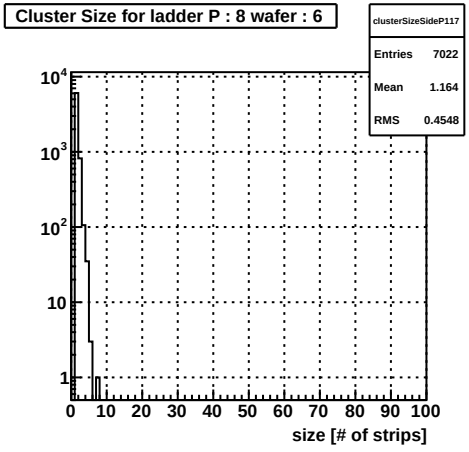

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 5293
Mean 1.206
RMS 0.5146
size [# of strips]

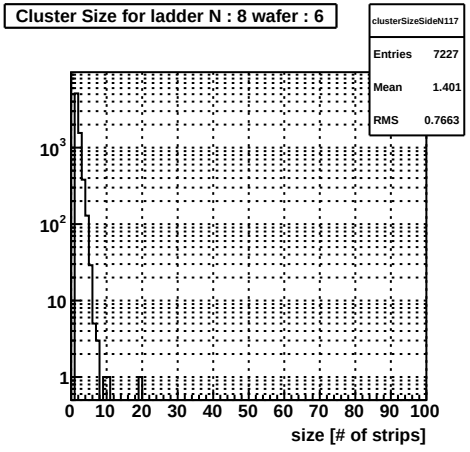

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 4758
Mean 1.381
RMS 0.7226
size [# of strips]

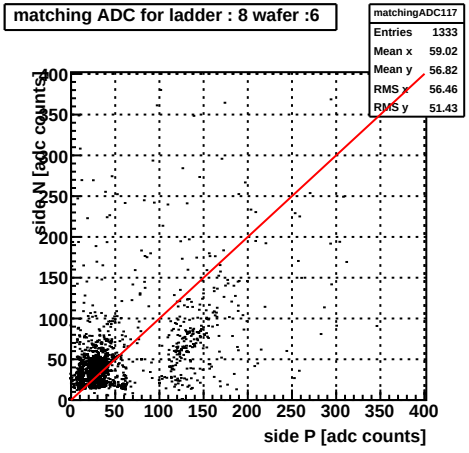

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 2264
Mean x 69.22
Mean y 53.66
RMS x 52.85
RMS y 45.62
side N [adc counts]
side P [adc counts]

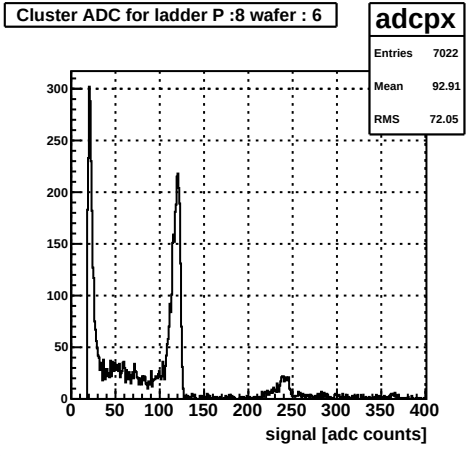

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 5293
Mean 63.27
RMS 54.69
signal [adc counts]

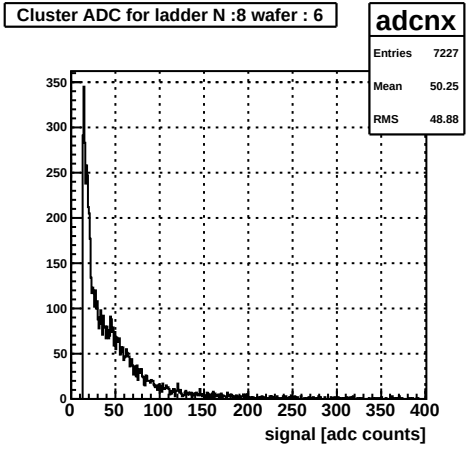

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 4758
Mean 49.38
RMS 45.63
signal [adc counts]

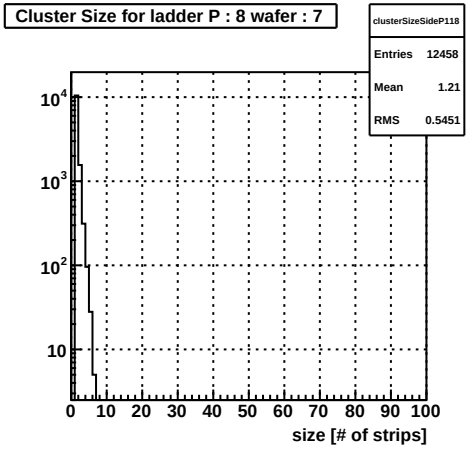

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 7022
Mean 1.164
RMS 0.4548
size [# of strips]

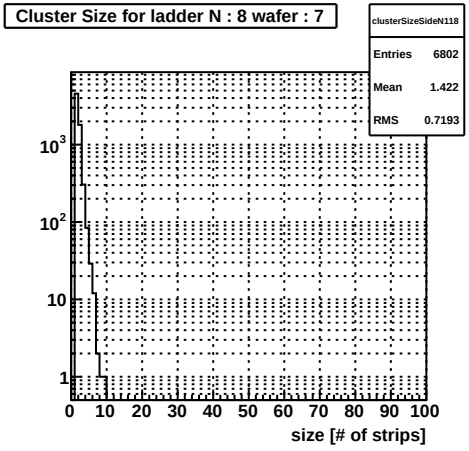

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 7227
Mean 1.401
RMS 0.7663
size [# of strips]

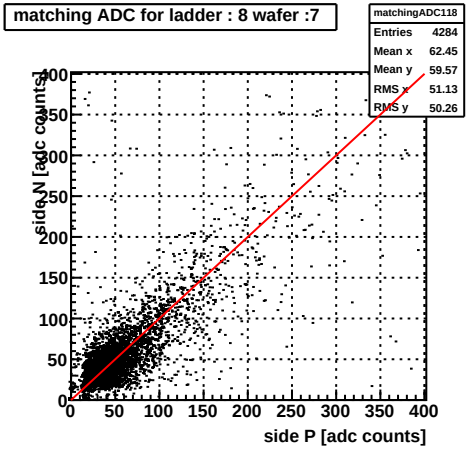

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 1333
Mean x 59.02
Mean y 56.82
RMS x 56.46
RMS y 51.43
side N [adc counts]
side P [adc counts]

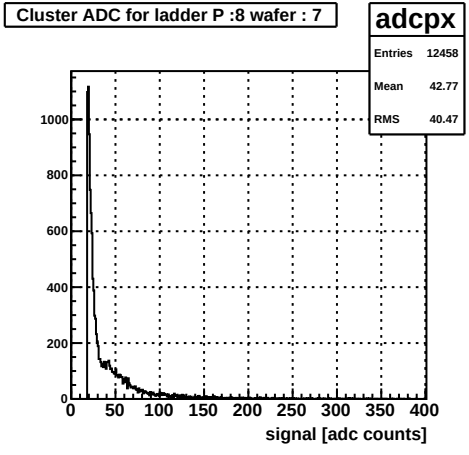

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 7022
Mean 92.91
RMS 72.05
signal [adc counts]

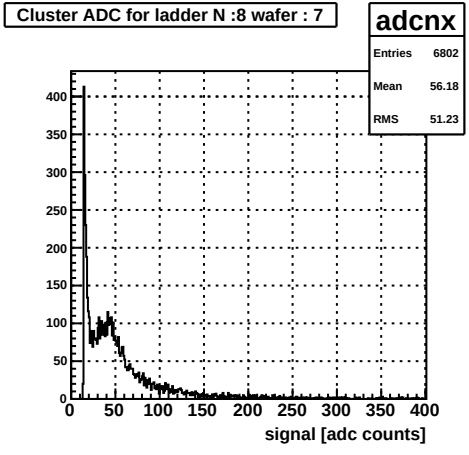

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 7227
Mean 50.25
RMS 48.88
signal [adc counts]

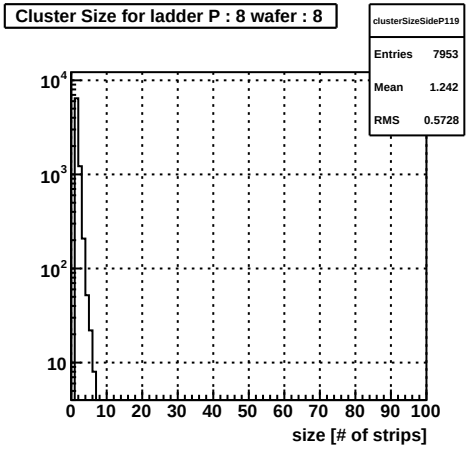

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 12458
Mean 1.21
RMS 0.5451
size [# of strips]

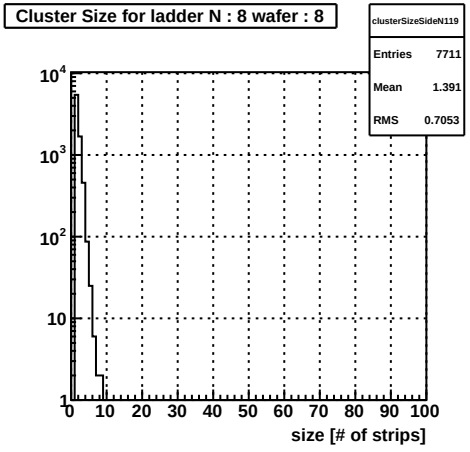

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 6802
Mean 1.422
RMS 0.7193
size [# of strips]

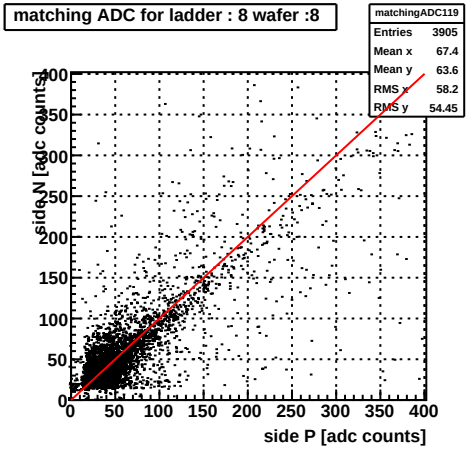

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 4284
Mean x 62.45
Mean y 59.57
RMS x 51.13
RMS y 50.26
side N [adc counts]
side P [adc counts]

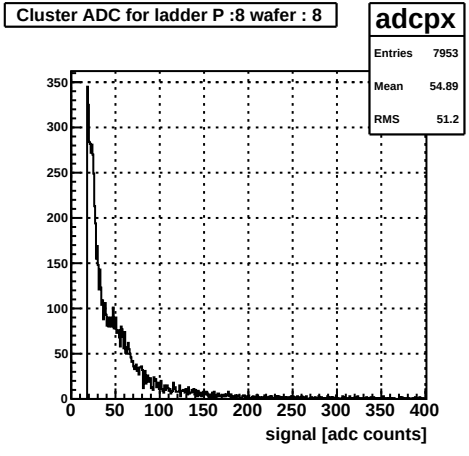

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 12458
Mean 42.77
RMS 40.47
signal [adc counts]

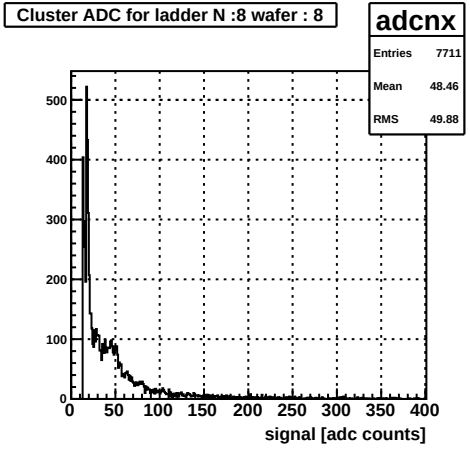

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 6802
Mean 56.18
RMS 51.23
signal [adc counts]

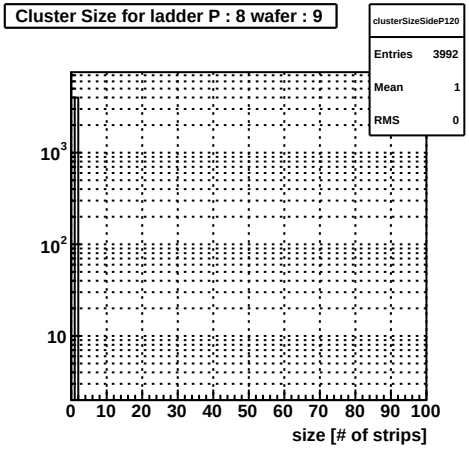

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7953
Mean 1.242
RMS 0.5728
size [# of strips]

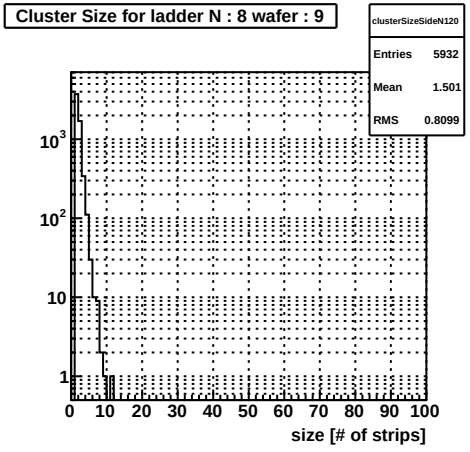

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7711
Mean 1.391
RMS 0.7053
size [# of strips]

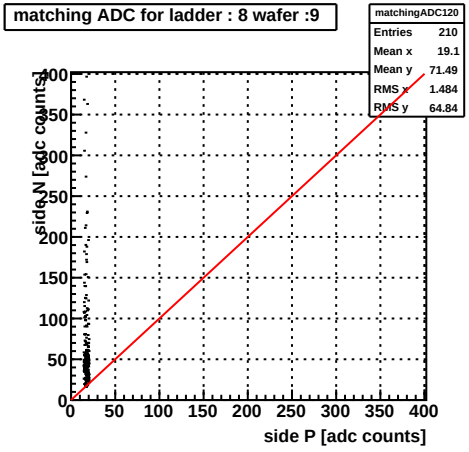

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 3905
Mean x 67.4
Mean y 63.6
RMS x 58.2
RMS y 54.45
side N [adc counts]
side P [adc counts]

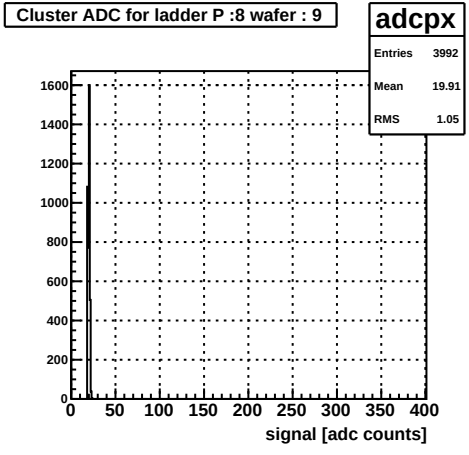

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7953
Mean 54.89
RMS 51.2
signal [adc counts]

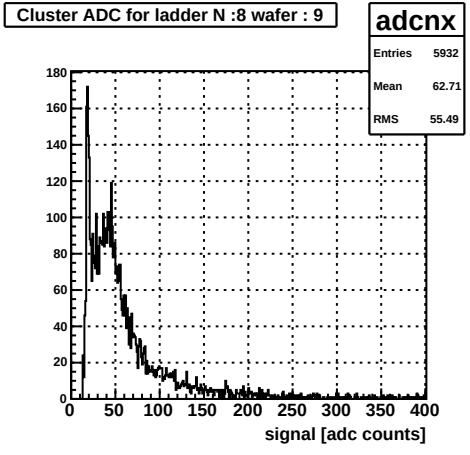

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7711
Mean 48.46
RMS 49.88
signal [adc counts]

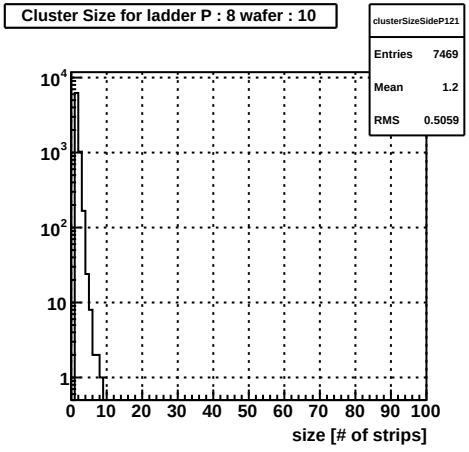

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3992
Mean 1
RMS 0
size [# of strips]

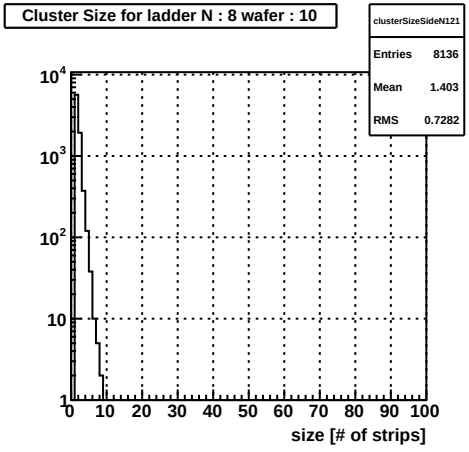

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 5932
Mean 1.501
RMS 0.8099
size [# of strips]

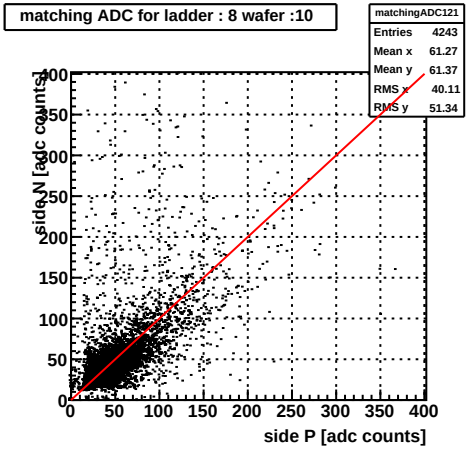

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 210
Mean x 19.1
Mean y 71.49
RMS x 1.484
RMS y 64.84
side N [adc counts]
side P [adc counts]

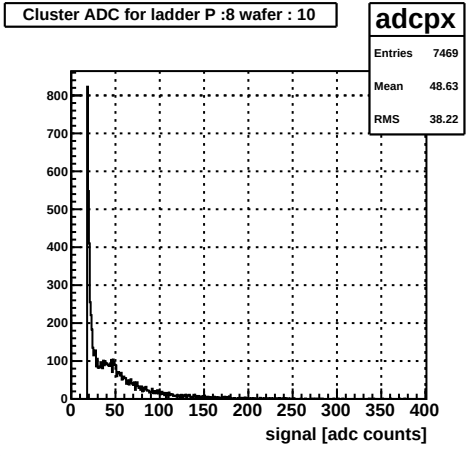

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3992
Mean 19.91
RMS 1.05
signal [adc counts]

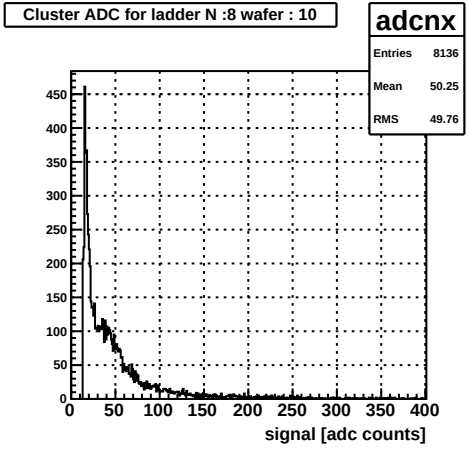

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 5932
Mean 62.71
RMS 55.49
signal [adc counts]

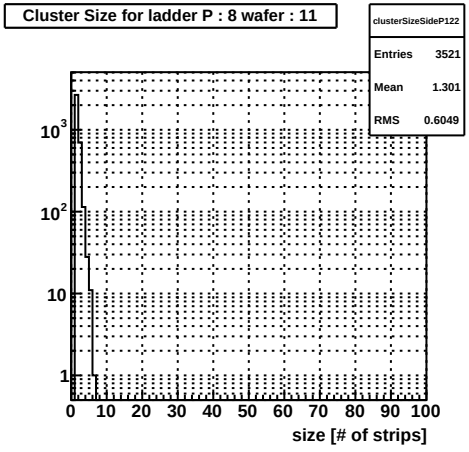

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 7469
Mean 1.2
RMS 0.5059
size [# of strips]

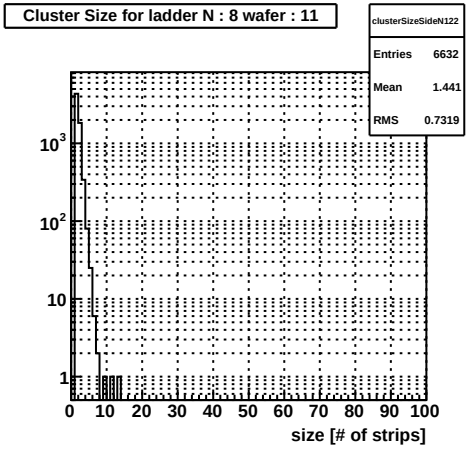

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 8136
Mean 1.403
RMS 0.7282
size [# of strips]

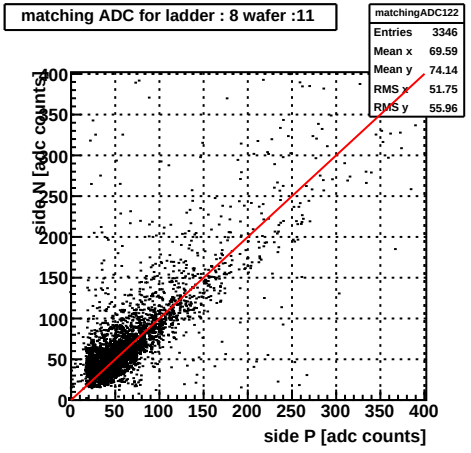

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 4243
Mean x 61.27
Mean y 61.37
RMS x 40.11
RMS y 51.34
side N [adc counts]
side P [adc counts]

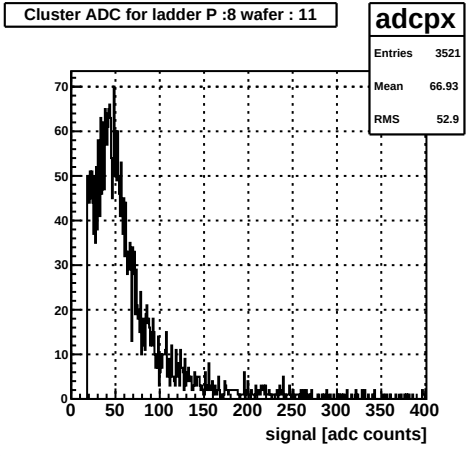

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 7469
Mean 48.63
RMS 38.22
signal [adc counts]

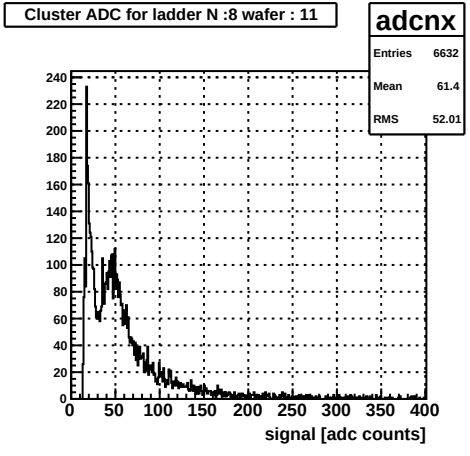

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 8136
Mean 50.25
RMS 49.76
signal [adc counts]

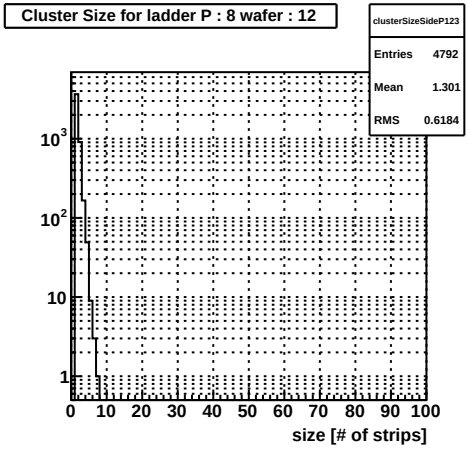

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 3521
Mean 1.301
RMS 0.6049
size [# of strips]

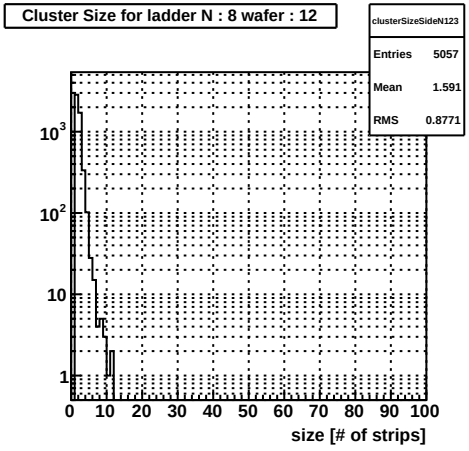

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 6632
Mean 1.441
RMS 0.7319
size [# of strips]

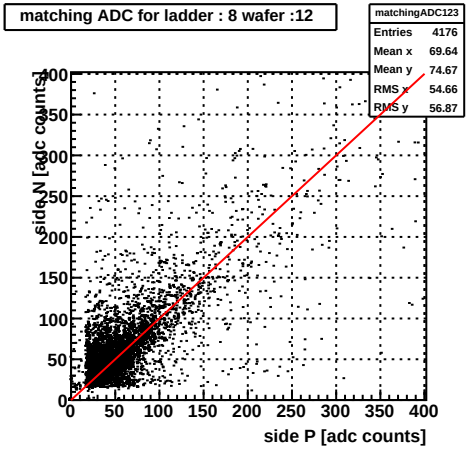

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 3346
Mean x 69.59
Mean y 74.14
RMS x 51.75
RMS y 55.96
side N [adc counts]
side P [adc counts]

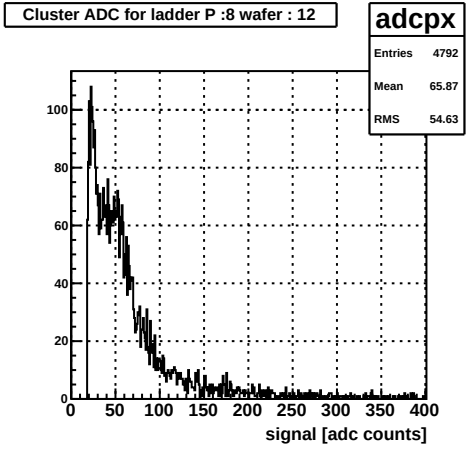

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 3521
Mean 66.93
RMS 52.9
signal [adc counts]

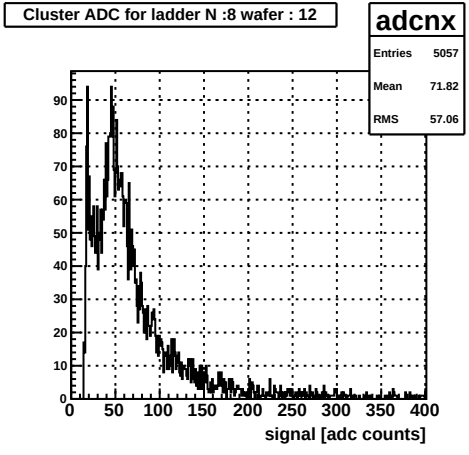

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 6632
Mean 61.4
RMS 52.01
signal [adc counts]

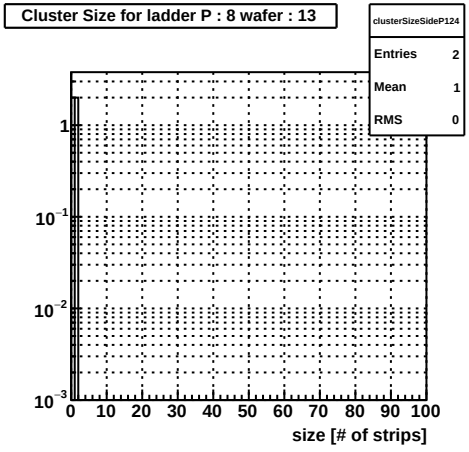

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 4792
Mean 1.301
RMS 0.6184
size [# of strips]

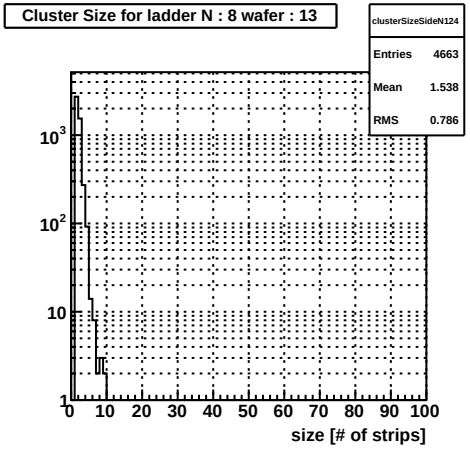

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 5057
Mean 1.591
RMS 0.8771
size [# of strips]

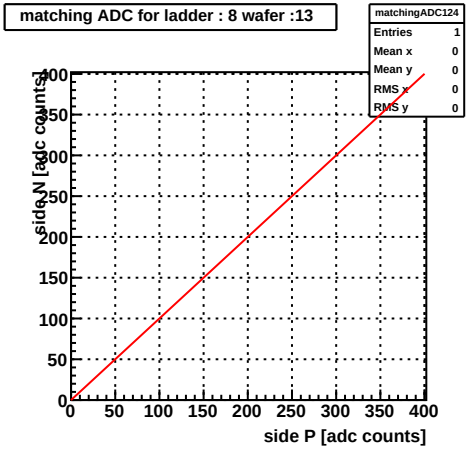

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 4176
Mean x 69.64
Mean y 74.67
RMS x 54.66
RMS y 56.87
side N [adc counts]
side P [adc counts]

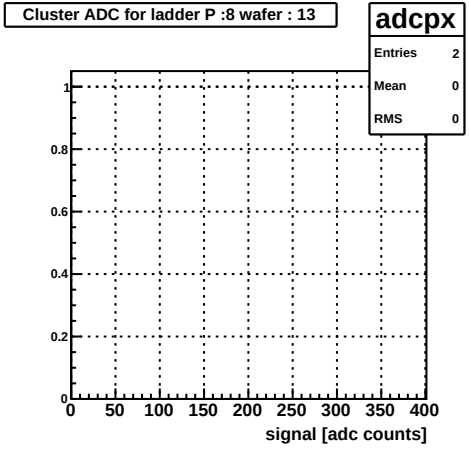

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 4792
Mean 65.87
RMS 54.63
signal [adc counts]

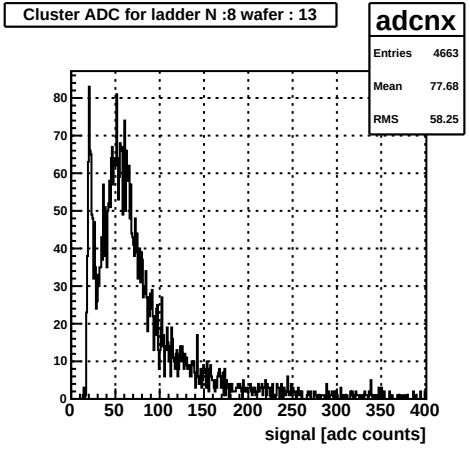

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 5057
Mean 71.82
RMS 57.06
signal [adc counts]

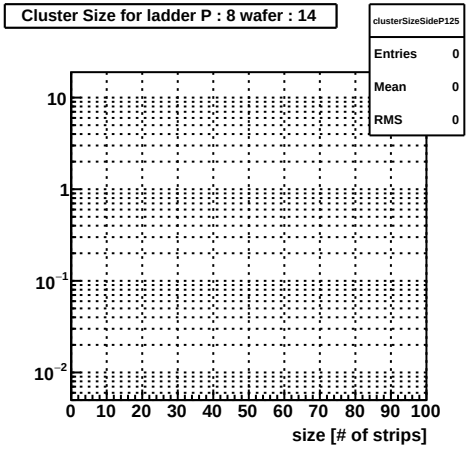

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

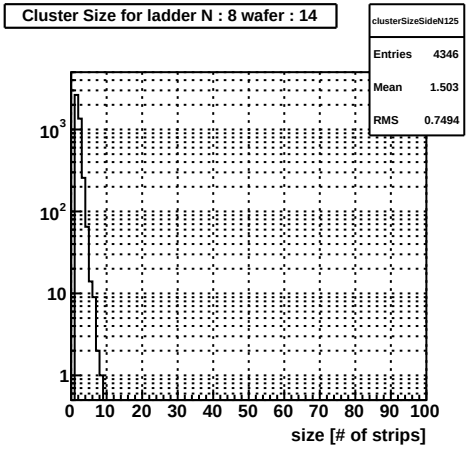

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 4663
Mean 1.538
RMS 0.786
size [# of strips]

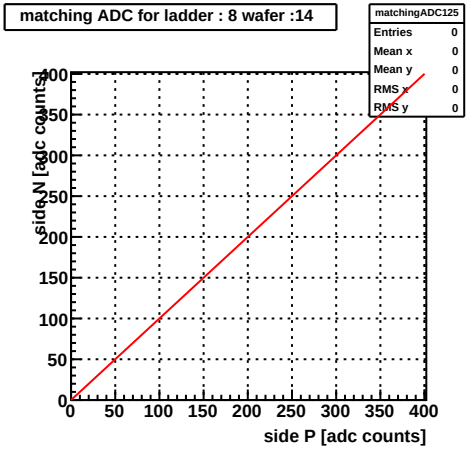

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

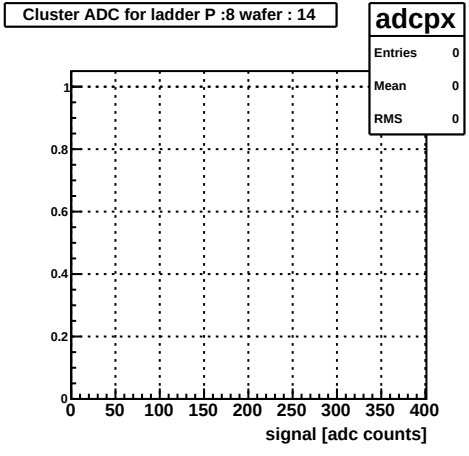

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

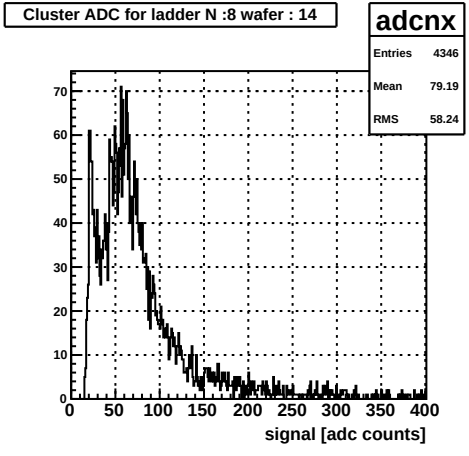

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 4663
Mean 77.68
RMS 58.25
signal [adc counts]

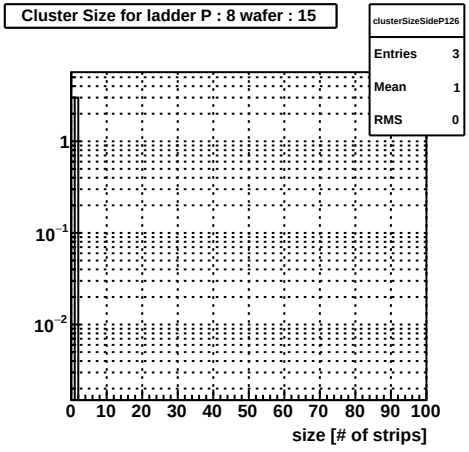

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

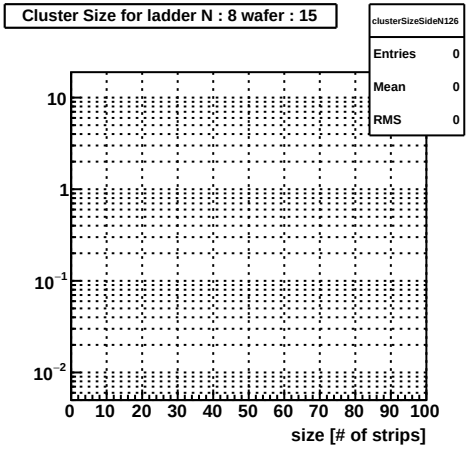

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 4346
Mean 1.503
RMS 0.7494
size [# of strips]

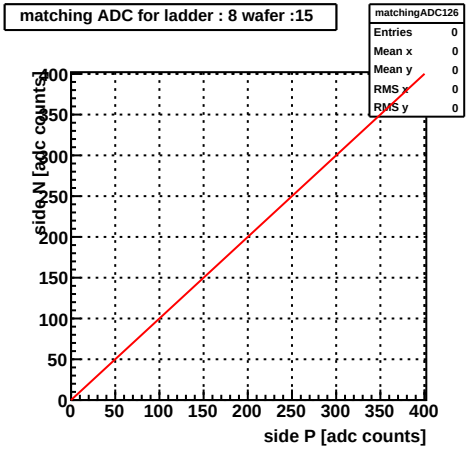

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

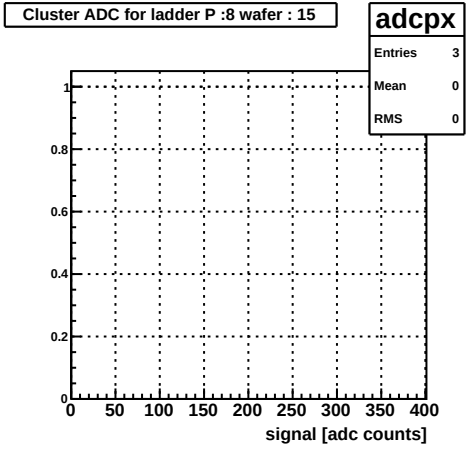

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

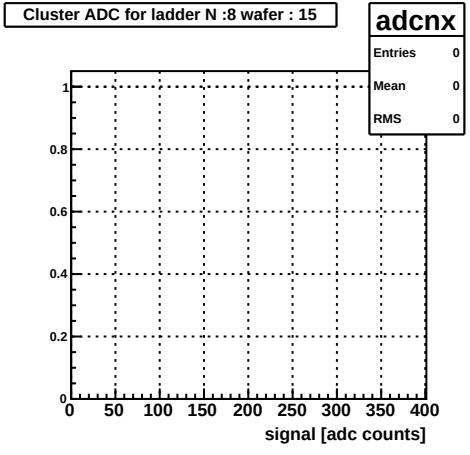

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 4346
Mean 79.19
RMS 58.24
signal [adc counts]

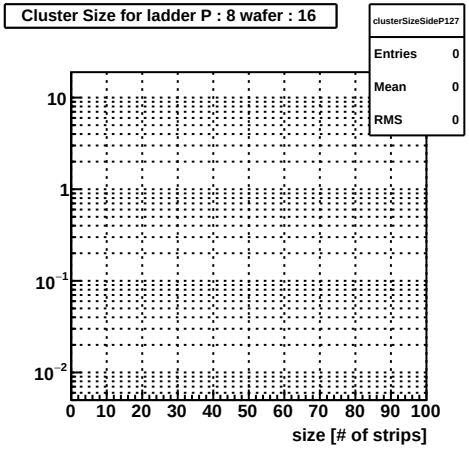

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 3
Mean 1
RMS 0
size [# of strips]

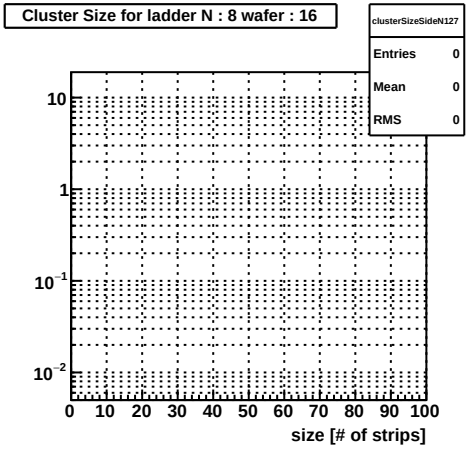

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

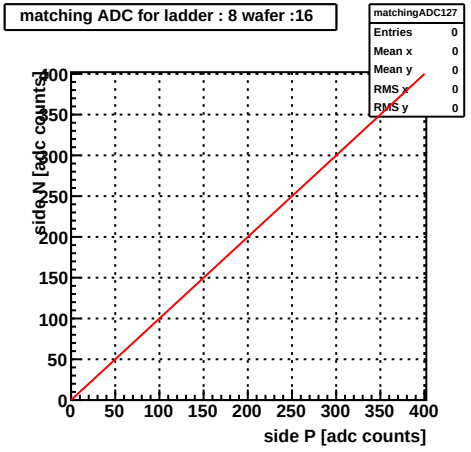

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

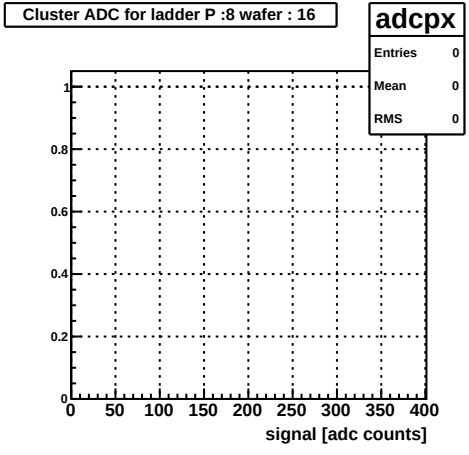

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

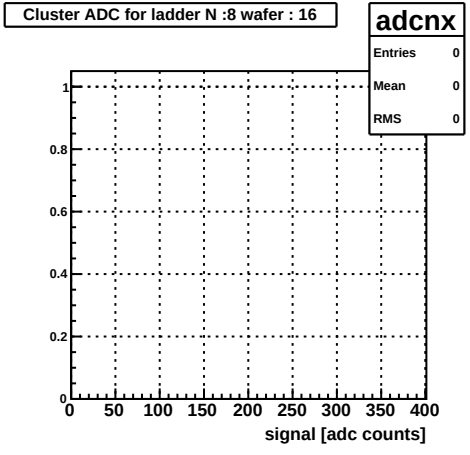

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

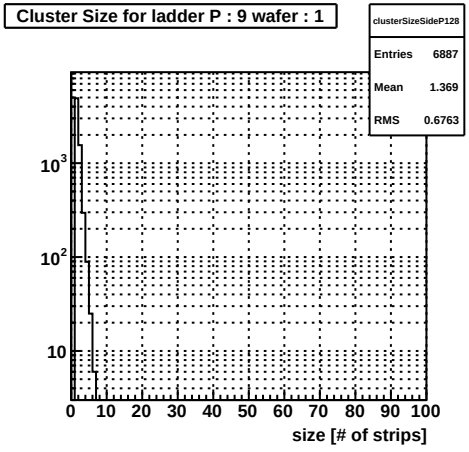

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

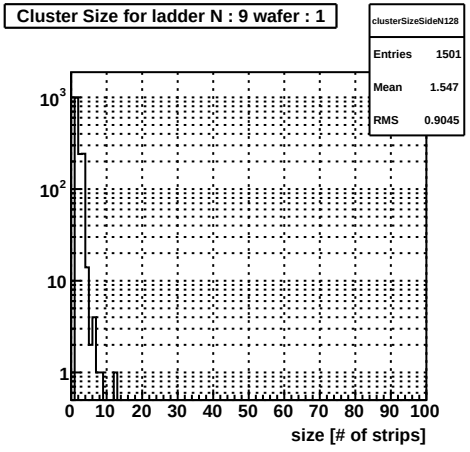

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

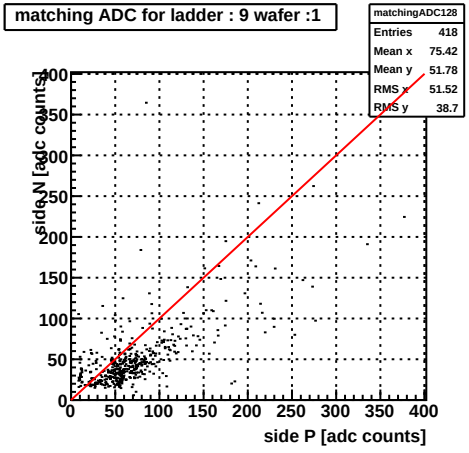

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

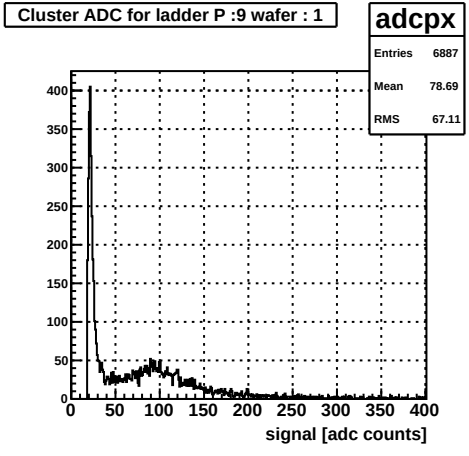

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

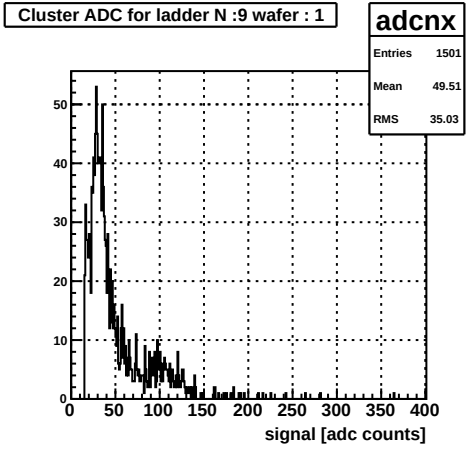

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

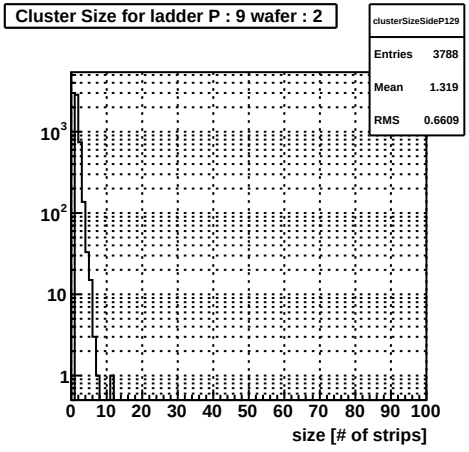

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 6887
Mean 1.369
RMS 0.6763
size [# of strips]

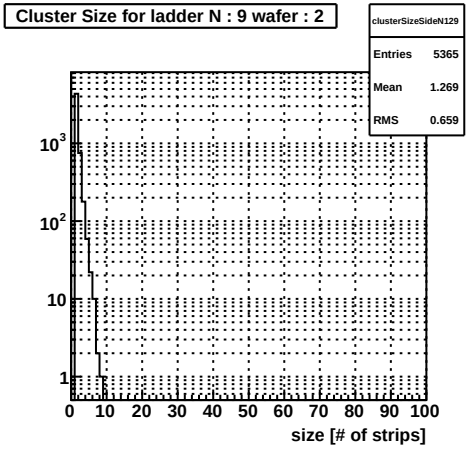

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1501
Mean 1.547
RMS 0.9045
size [# of strips]

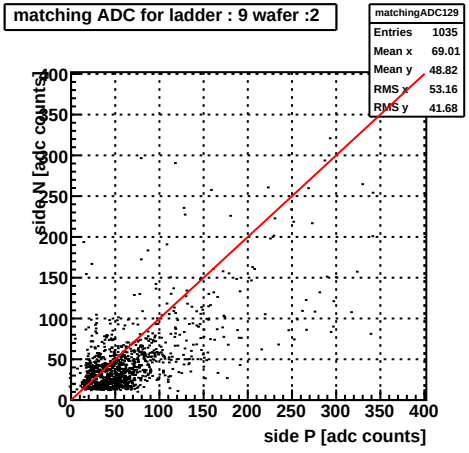

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 418
Mean x 75.42
Mean y 51.78
RMS x 51.52
RMS y 38.7
side N [adc counts]
side P [adc counts]

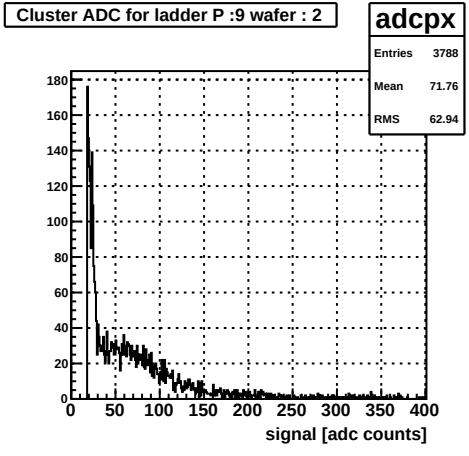

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 6887
Mean 78.69
RMS 67.11
signal [adc counts]

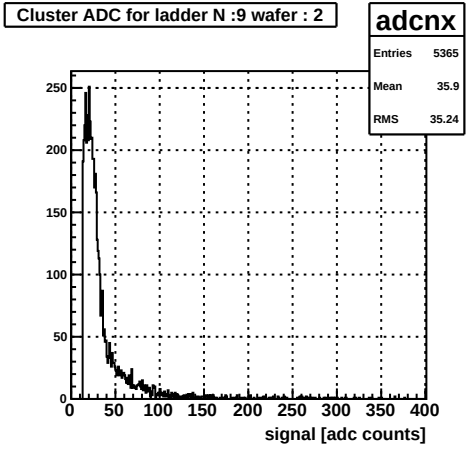

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1501
Mean 49.51
RMS 35.03
signal [adc counts]

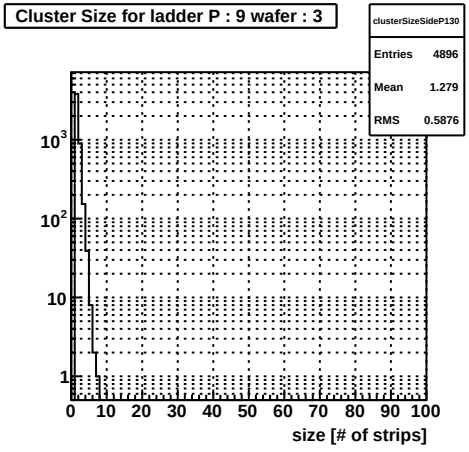

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 3788
Mean 1.319
RMS 0.6609
size [# of strips]

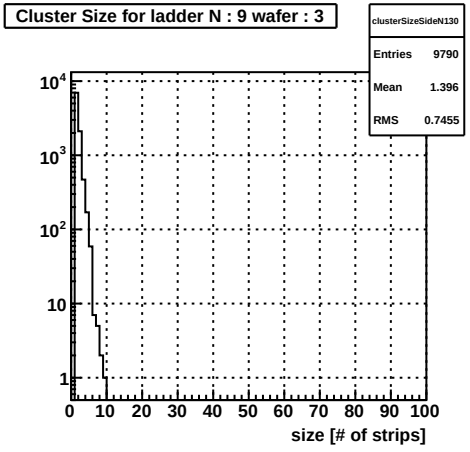

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 5365
Mean 1.269
RMS 0.659
size [# of strips]

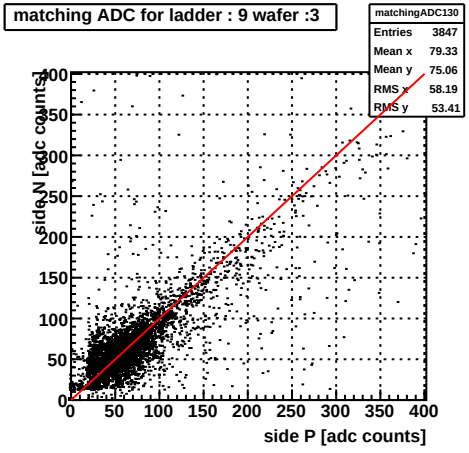

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 1035
Mean x 69.01
Mean y 48.82
RMS x 53.16
RMS y 41.68
side N [adc counts]
side P [adc counts]

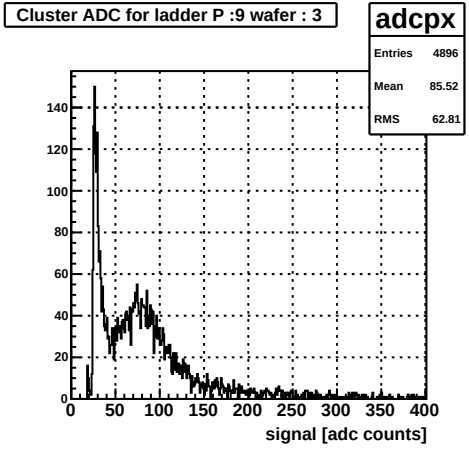

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 3788
Mean 71.76
RMS 62.94
signal [adc counts]

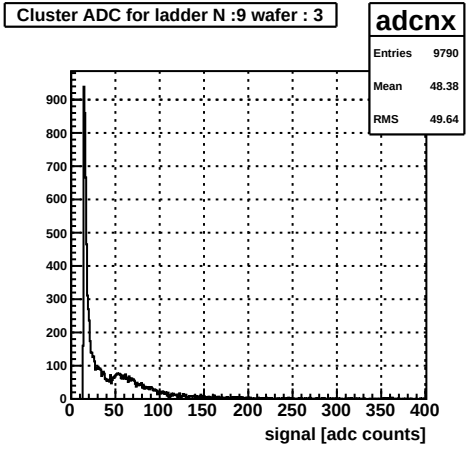

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 5365
Mean 35.9
RMS 35.24
signal [adc counts]

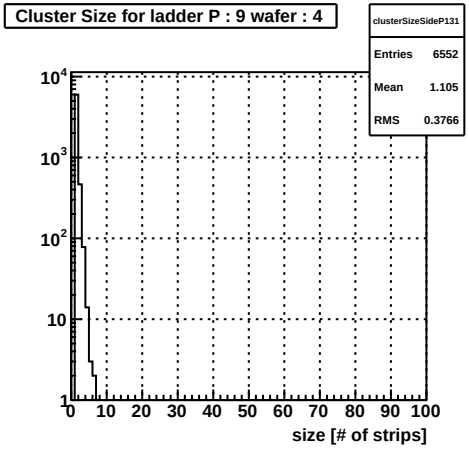

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 4896
Mean 1.279
RMS 0.5876
size [# of strips]

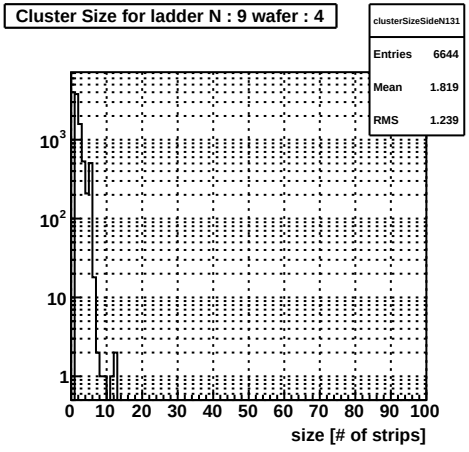

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9790
Mean 1.396
RMS 0.7455
size [# of strips]

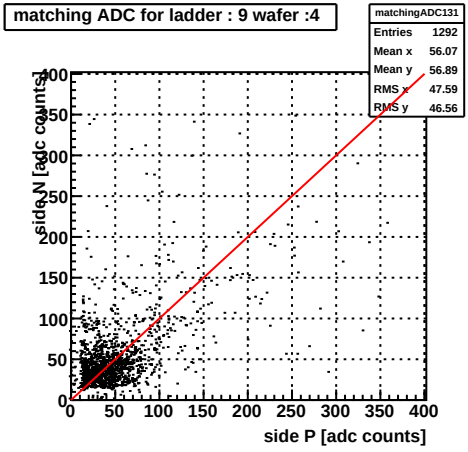

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 3847
Mean x 79.33
Mean y 75.06
RMS x 58.19
RMS y 53.41
side N [adc counts]
side P [adc counts]

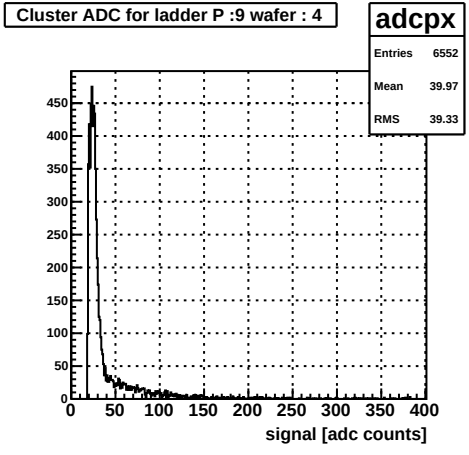

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 4896
Mean 85.52
RMS 62.81
signal [adc counts]

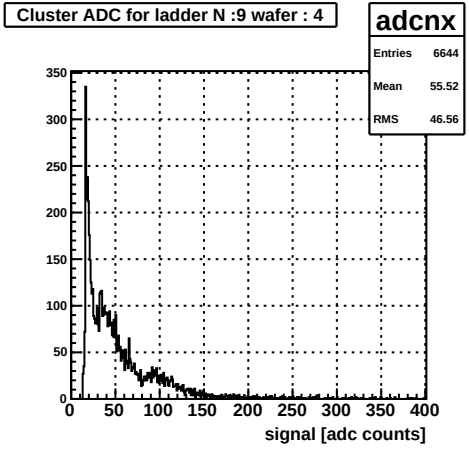

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9790
Mean 48.38
RMS 49.64
signal [adc counts]

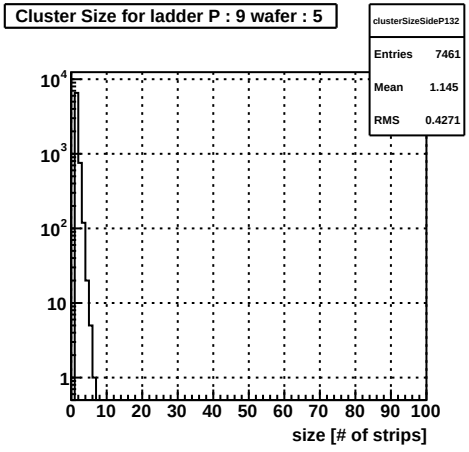

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 6552
Mean 1.105
RMS 0.3766
size [# of strips]

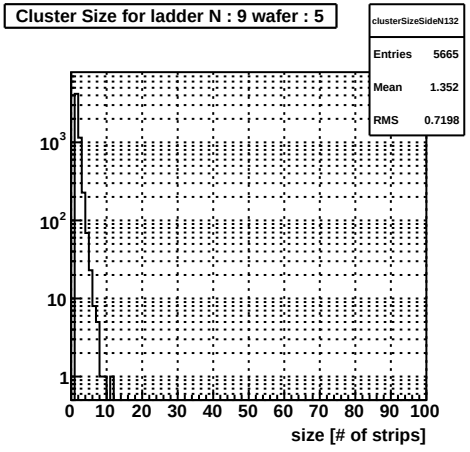

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 6644
Mean 1.819
RMS 1.239
size [# of strips]

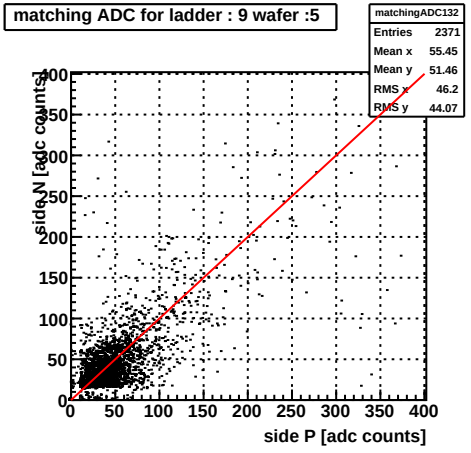

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 1292
Mean x 56.07
Mean y 56.89
RMS x 47.59
RMS y 46.56
side N [adc counts]
side P [adc counts]

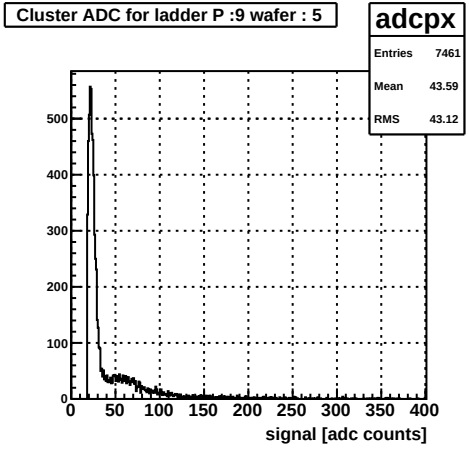

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 6552
Mean 39.97
RMS 39.33
signal [adc counts]

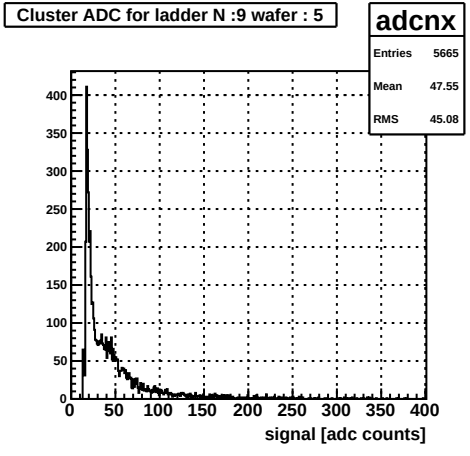

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 6644
Mean 55.52
RMS 46.56
signal [adc counts]

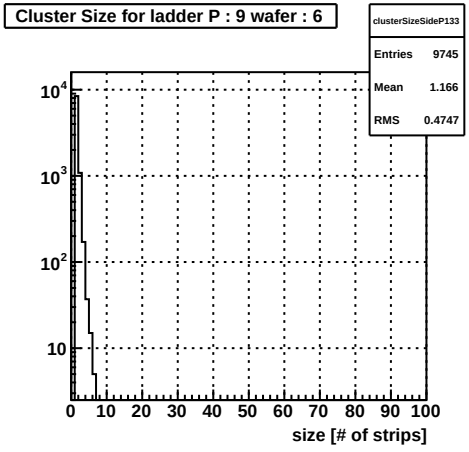

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7461
Mean 1.145
RMS 0.4271
size [# of strips]

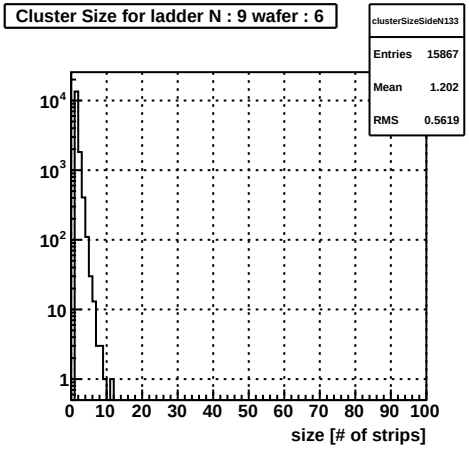

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5665
Mean 1.352
RMS 0.7198
size [# of strips]

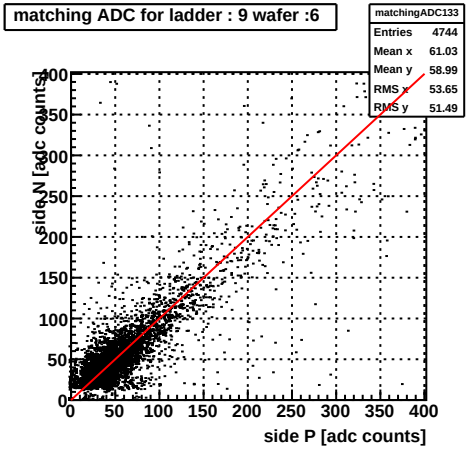

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 2371
Mean x 55.45
Mean y 51.46
RMS x 46.2
RMS y 44.07
side N [adc counts]
side P [adc counts]

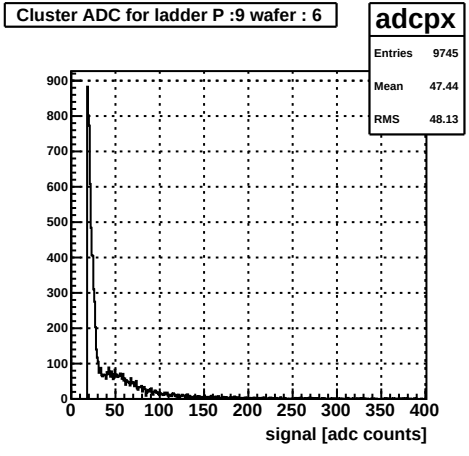

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7461
Mean 43.59
RMS 43.12
signal [adc counts]

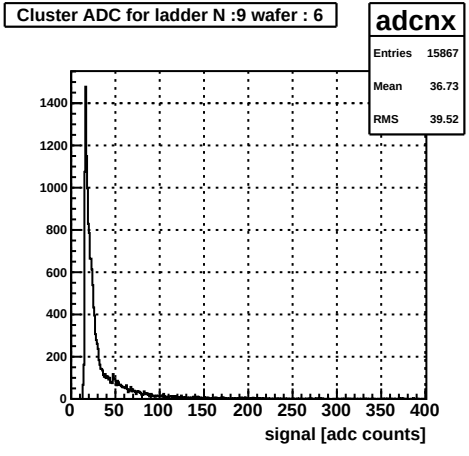

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5665
Mean 47.55
RMS 45.08
signal [adc counts]

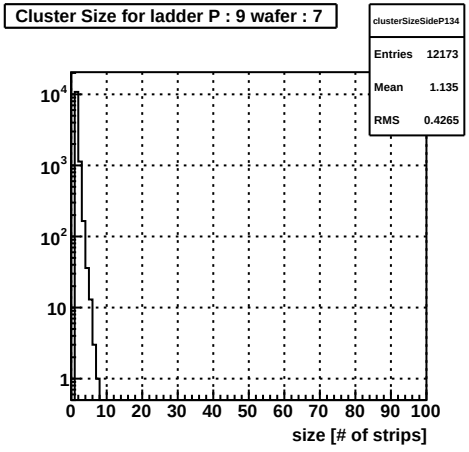

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9745
Mean 1.166
RMS 0.4747
size [# of strips]

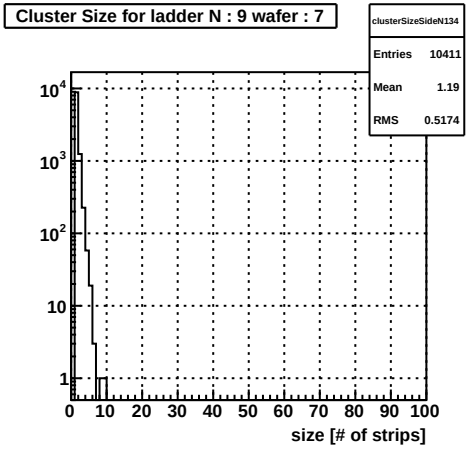

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 15867
Mean 1.202
RMS 0.5619
size [# of strips]

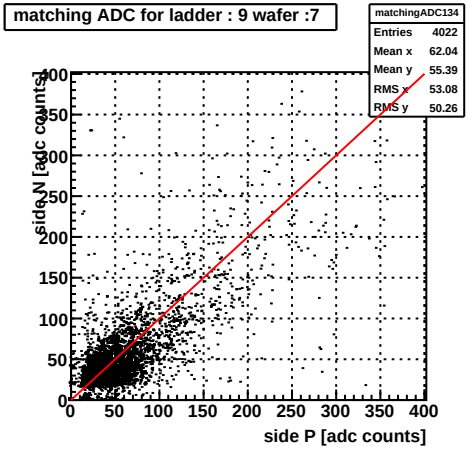

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 4744
Mean x 61.03
Mean y 58.99
RMS x 53.65
RMS y 51.49
side N [adc counts]
side P [adc counts]

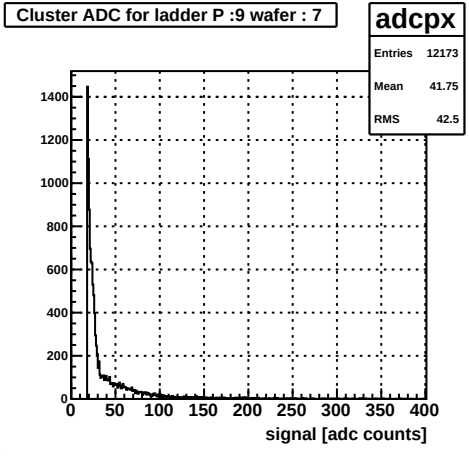

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9745
Mean 47.44
RMS 48.13
signal [adc counts]

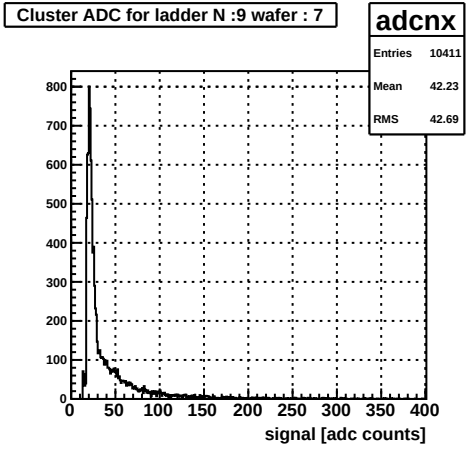

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 15867
Mean 36.73
RMS 39.52
signal [adc counts]

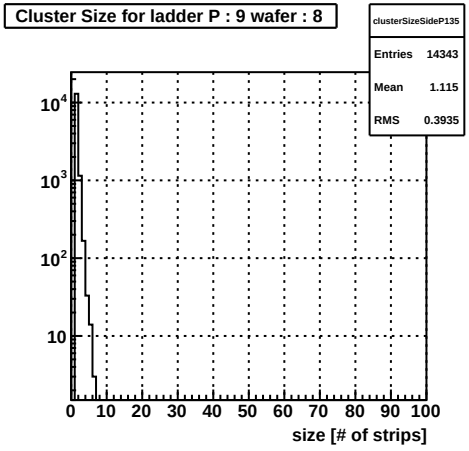

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 12173
Mean 1.135
RMS 0.4265
size [# of strips]

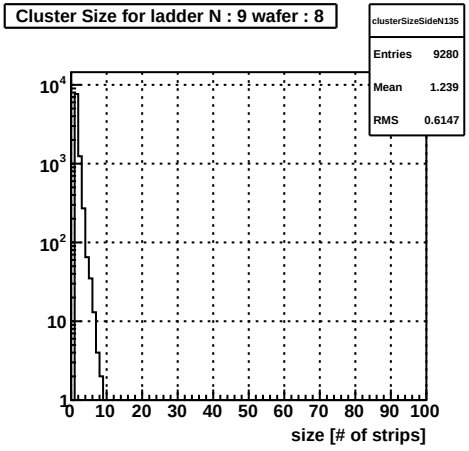

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 10411
Mean 1.19
RMS 0.5174
size [# of strips]

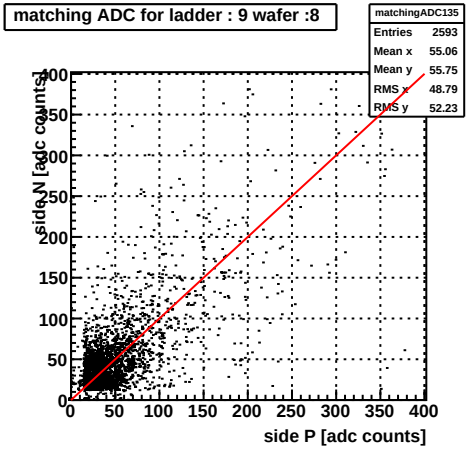

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 4022
Mean x 62.04
Mean y 55.39
RMS x 53.08
RMS y 50.26
side N [adc counts]
side P [adc counts]

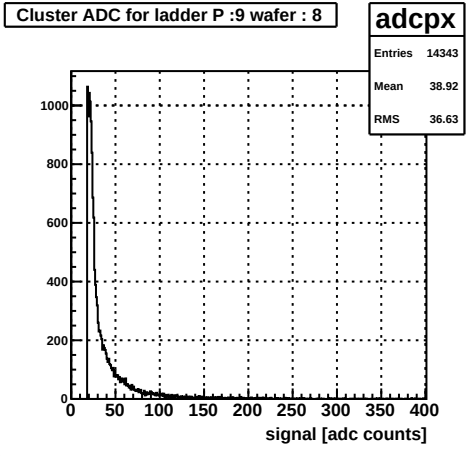

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 12173
Mean 41.75
RMS 42.5
signal [adc counts]

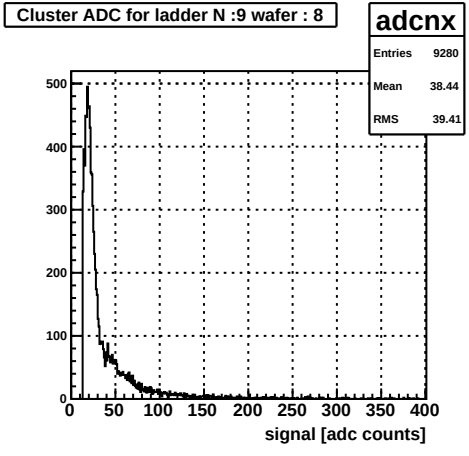

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 10411
Mean 42.23
RMS 42.69
signal [adc counts]

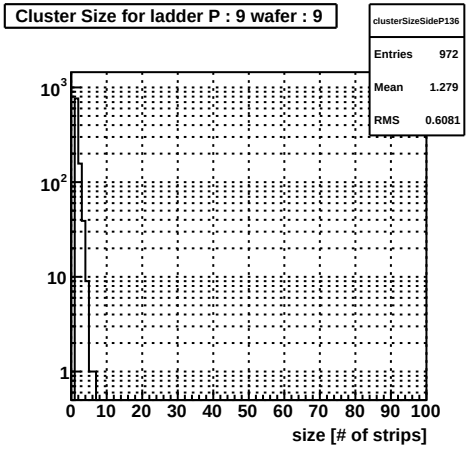

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 14343
Mean 1.115
RMS 0.3935
size [# of strips]

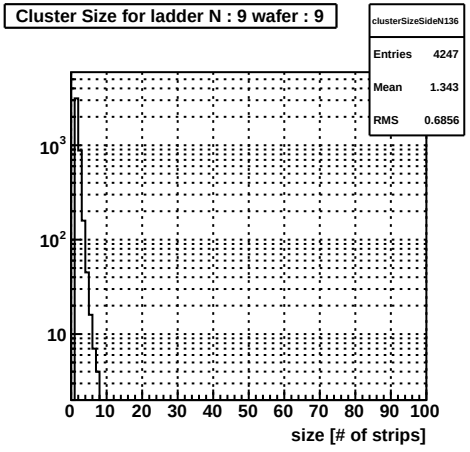

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 9280
Mean 1.239
RMS 0.6147
size [# of strips]

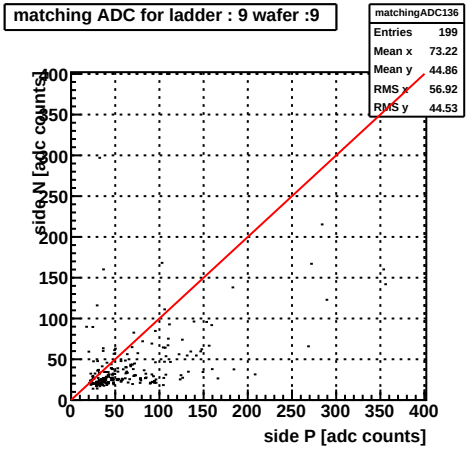

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 2593
Mean x 55.06
Mean y 55.75
RMS x 48.79
RMS y 52.23
side N [adc counts]
side P [adc counts]

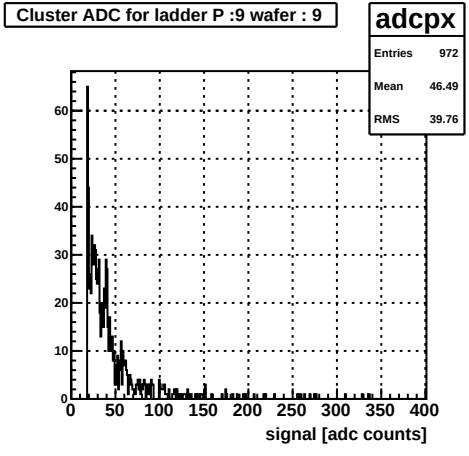

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 14343
Mean 38.92
RMS 36.63
signal [adc counts]

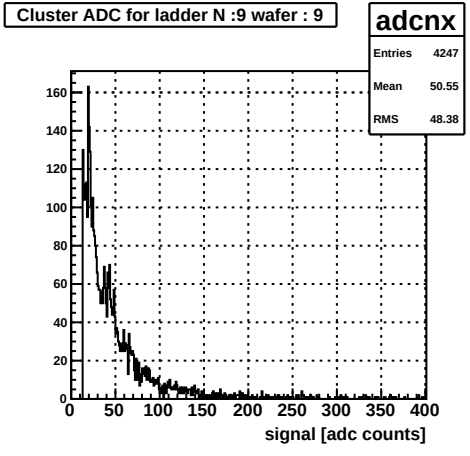

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 9280
Mean 38.44
RMS 39.41
signal [adc counts]

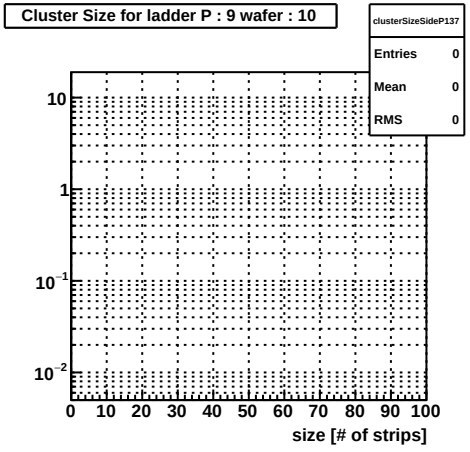

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 972
Mean 1.279
RMS 0.6081
size [# of strips]

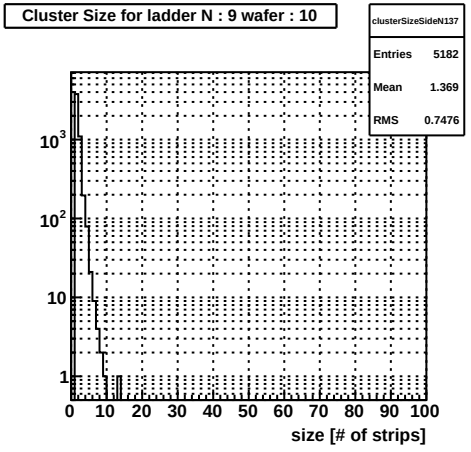

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 4247
Mean 1.343
RMS 0.6856
size [# of strips]

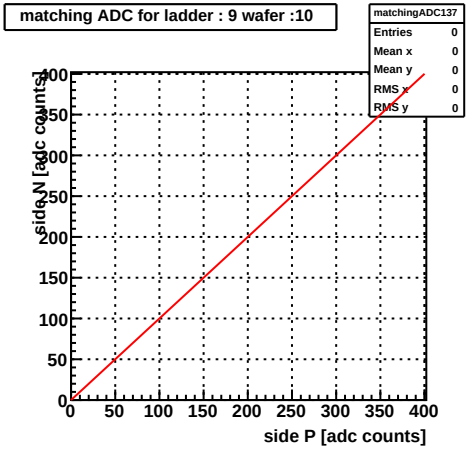

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 199
Mean x 73.22
Mean y 44.86
RMS x 56.92
RMS y 44.53
side N [adc counts]
side P [adc counts]

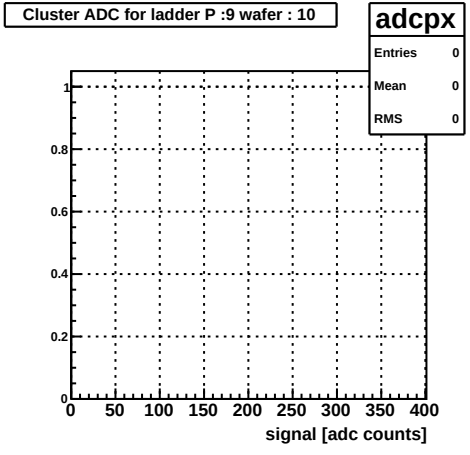

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 972
Mean 46.49
RMS 39.76
signal [adc counts]

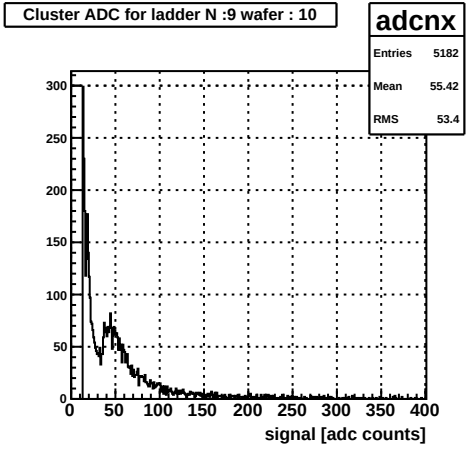

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 4247
Mean 50.55
RMS 48.38
signal [adc counts]

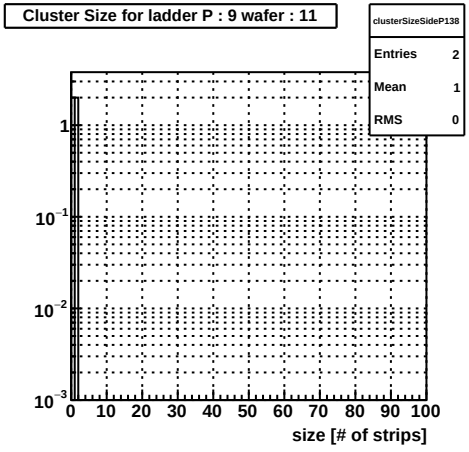

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

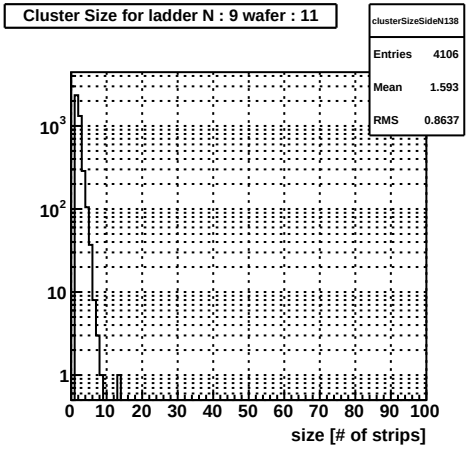

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 5182
Mean 1.369
RMS 0.7476
size [# of strips]

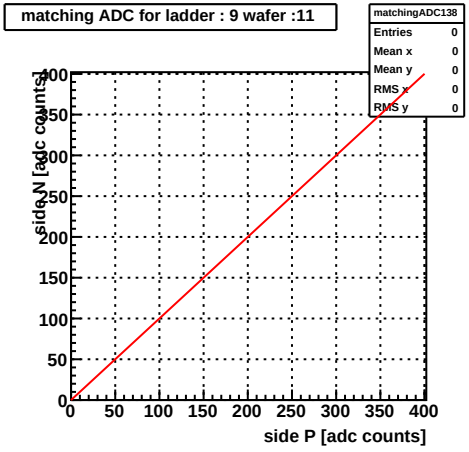

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

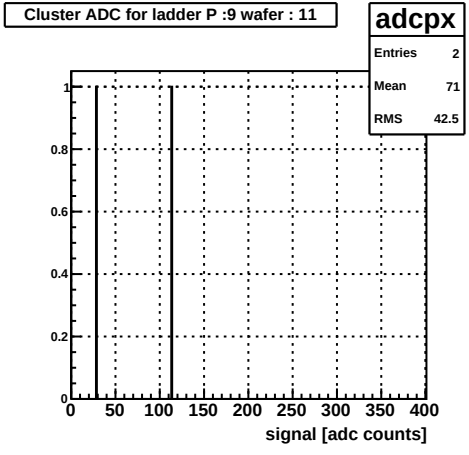

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

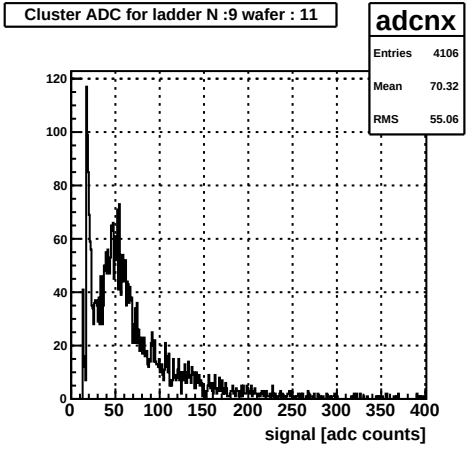

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 5182
Mean 55.42
RMS 53.4
signal [adc counts]

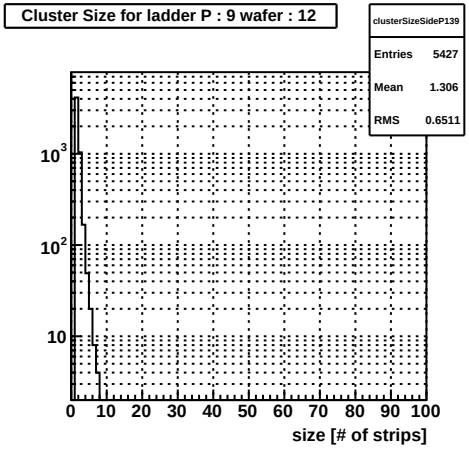

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 1
RMS 0
size [# of strips]

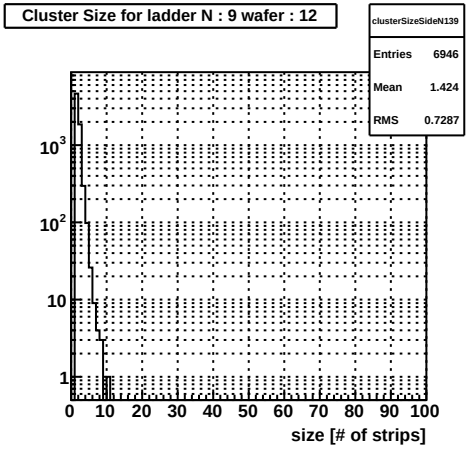

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 4106
Mean 1.593
RMS 0.8637
size [# of strips]

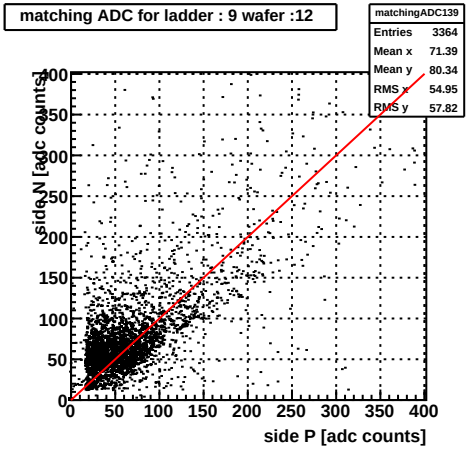

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

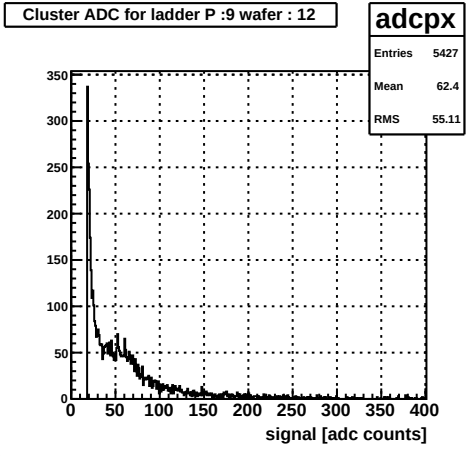

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 71
RMS 42.5
signal [adc counts]

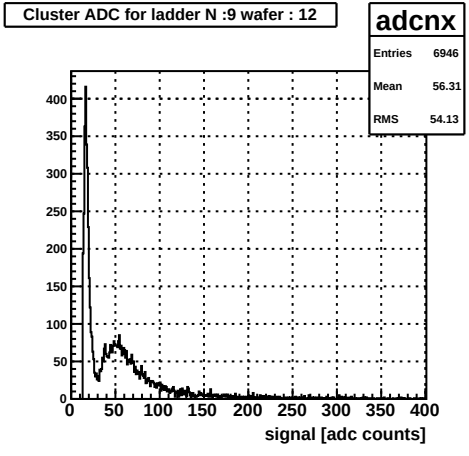

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 4106
Mean 70.32
RMS 55.06
signal [adc counts]

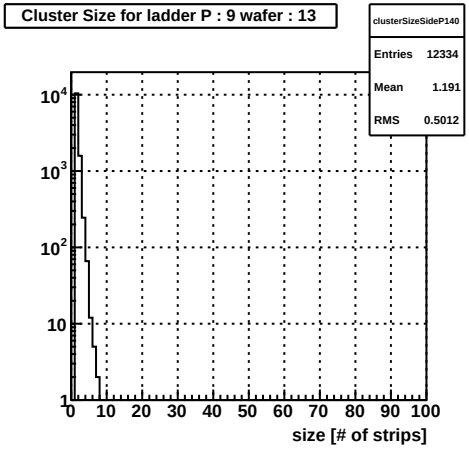

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 5427
Mean 1.306
RMS 0.6511
size [# of strips]

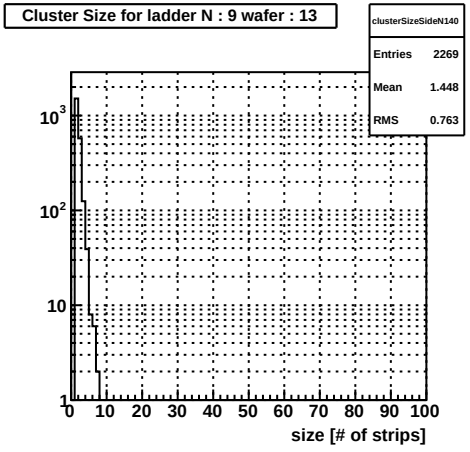

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 6946
Mean 1.424
RMS 0.7287
size [# of strips]

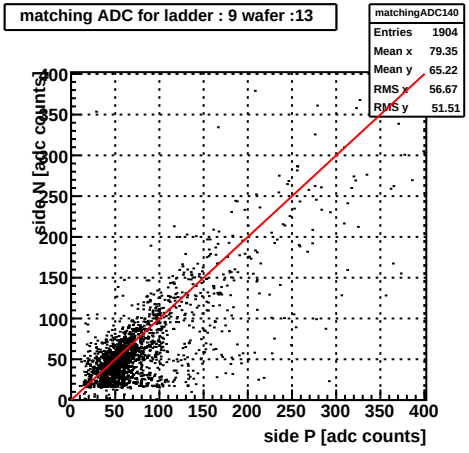

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 3364
Mean x 71.39
Mean y 80.34
RMS x 54.95
RMS y 57.82
side N [adc counts]
side P [adc counts]

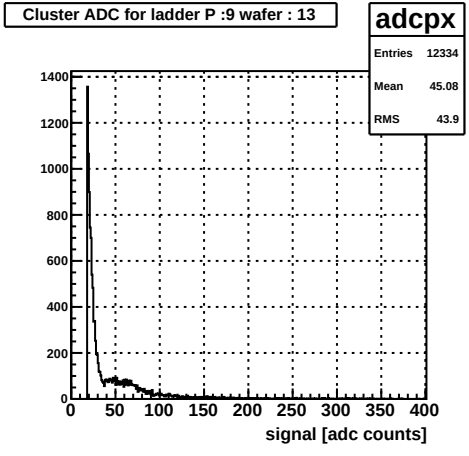

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 5427
Mean 62.4
RMS 55.11
signal [adc counts]

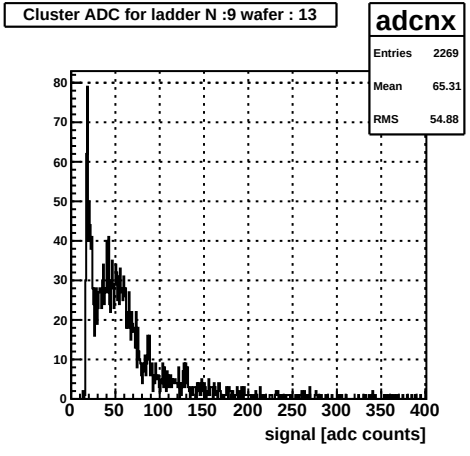

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 6946
Mean 56.31
RMS 54.13
signal [adc counts]

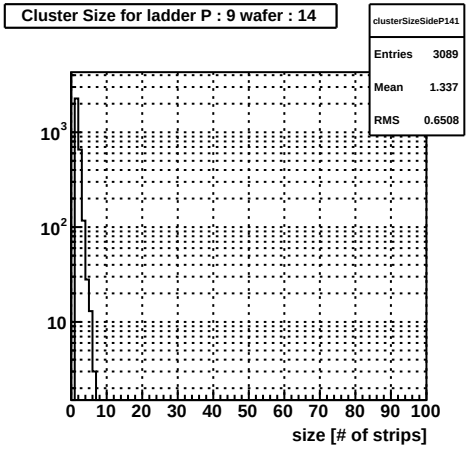

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 12334
Mean 1.191
RMS 0.5012
size [# of strips]

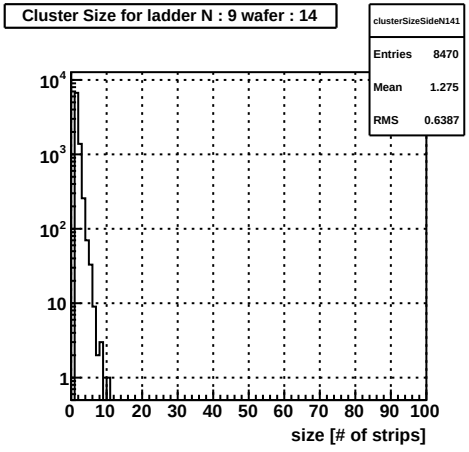

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 2269
Mean 1.448
RMS 0.763
size [# of strips]

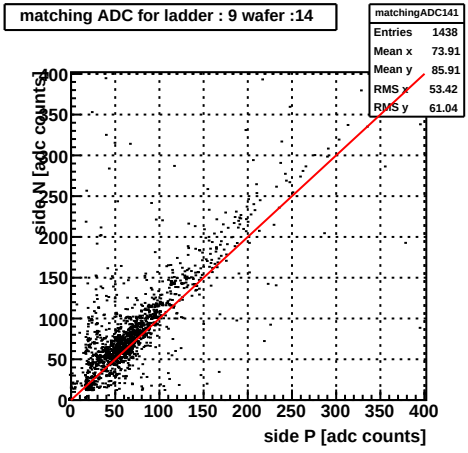

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 1904
Mean x 79.35
Mean y 65.22
RMS x 56.67
RMS y 51.51
side N [adc counts]
side P [adc counts]

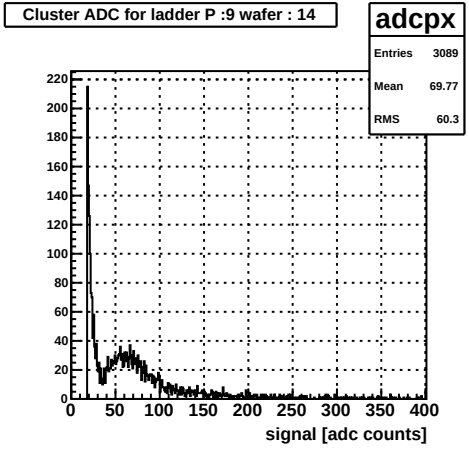

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 12334
Mean 45.08
RMS 43.9
signal [adc counts]

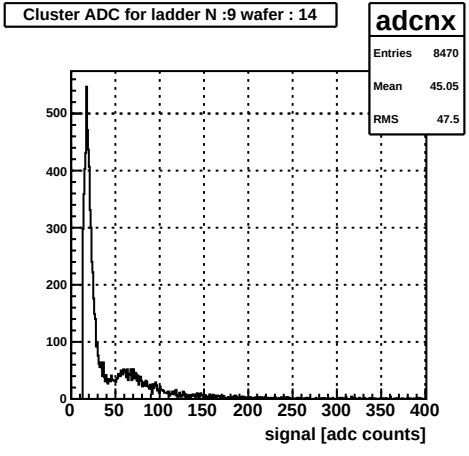

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 2269
Mean 65.31
RMS 54.88
signal [adc counts]

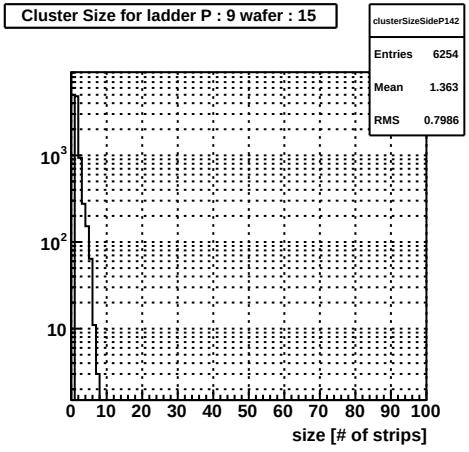

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 3089
Mean 1.337
RMS 0.6508
size [# of strips]

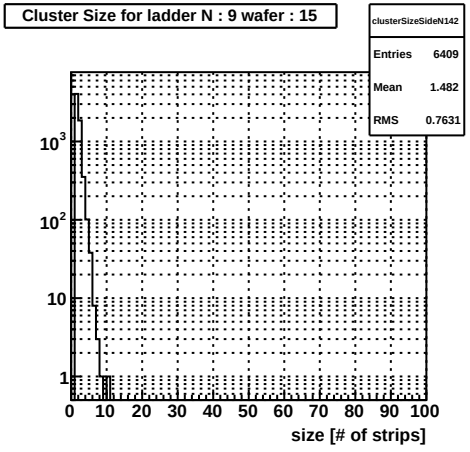

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 8470
Mean 1.275
RMS 0.6387
size [# of strips]

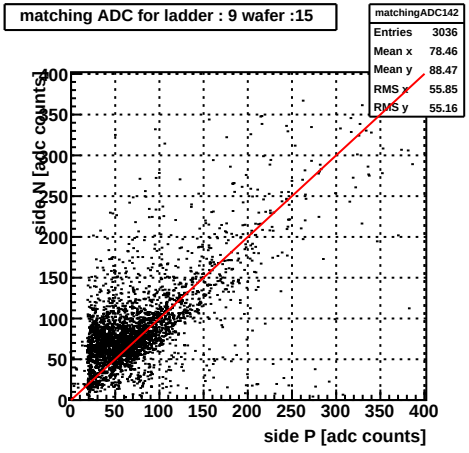

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 1438
Mean x 73.91
Mean y 85.91
RMS x 53.42
RMS y 61.04
side N [adc counts]
side P [adc counts]

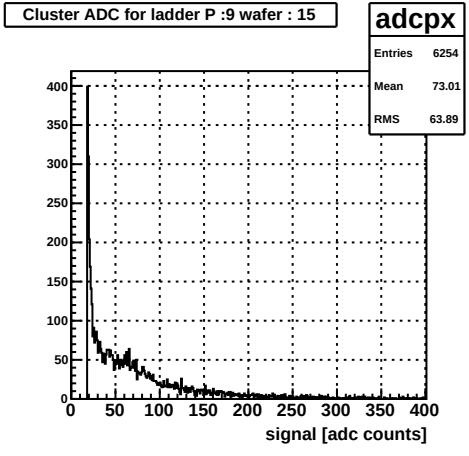

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 3089
Mean 69.77
RMS 60.3
signal [adc counts]

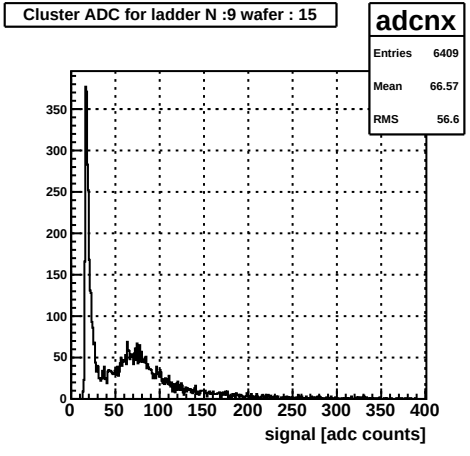

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 8470
Mean 45.05
RMS 47.5
signal [adc counts]

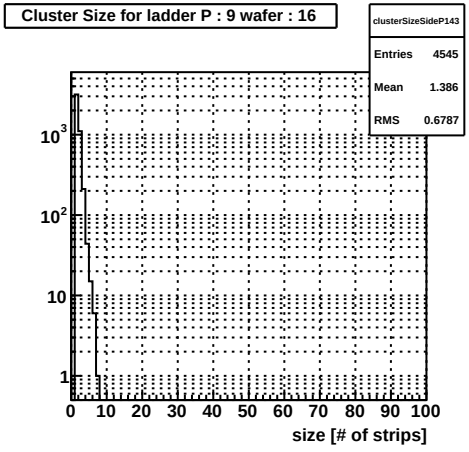

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 6254
Mean 1.363
RMS 0.7986
size [# of strips]

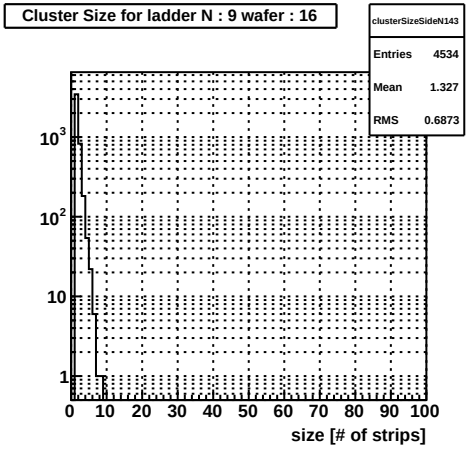

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 6409
Mean 1.482
RMS 0.7631
size [# of strips]

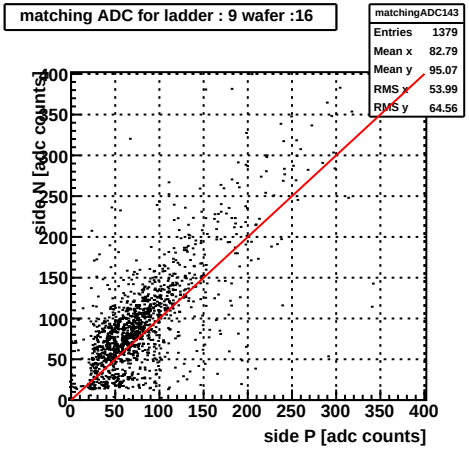

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 3036
Mean x 78.46
Mean y 88.47
RMS x 55.85
RMS y 55.16
side N [adc counts]
side P [adc counts]

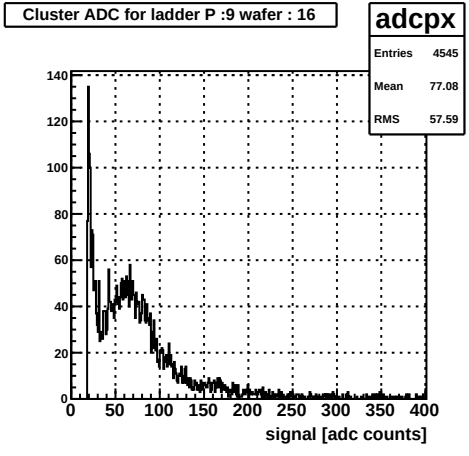

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 6254
Mean 73.01
RMS 63.89
signal [adc counts]

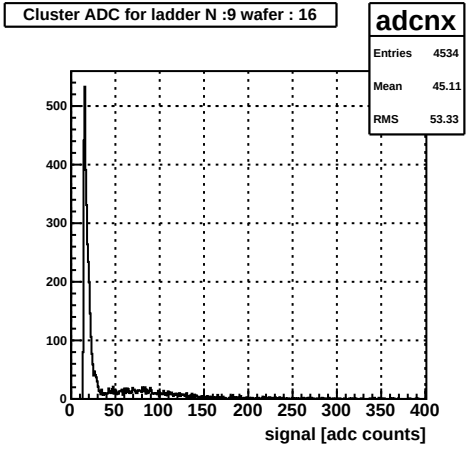

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 6409
Mean 66.57
RMS 56.6
signal [adc counts]

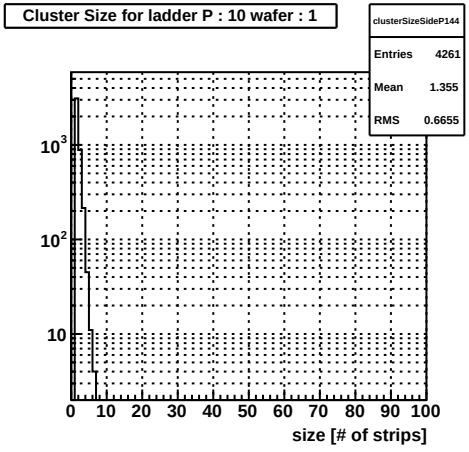

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 4545
Mean 1.386
RMS 0.6787
size [# of strips]

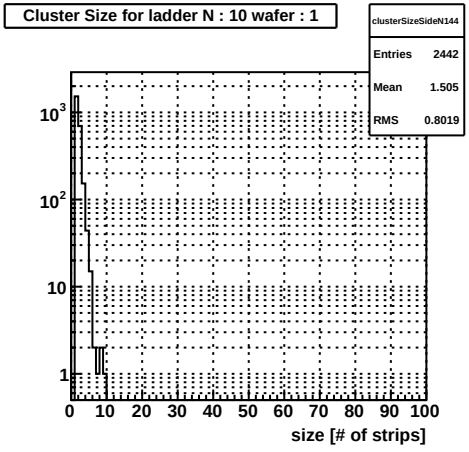

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4534
Mean 1.327
RMS 0.6873
size [# of strips]

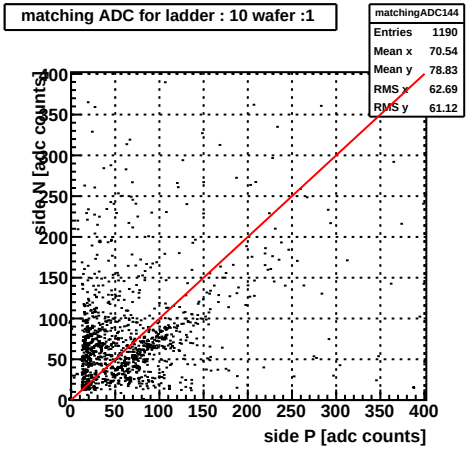

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 1379
Mean x 82.79
Mean y 95.07
RMS x 53.99
RMS y 64.56
side N [adc counts]
side P [adc counts]

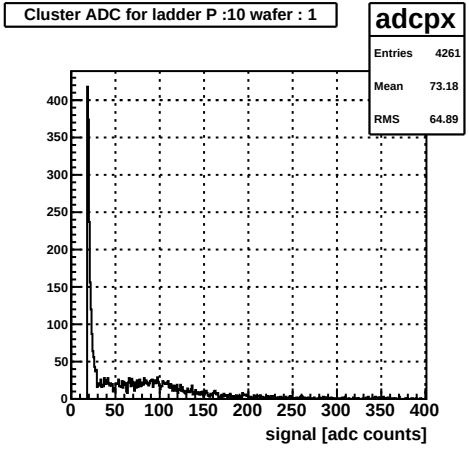

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 4545
Mean 77.08
RMS 57.59
signal [adc counts]

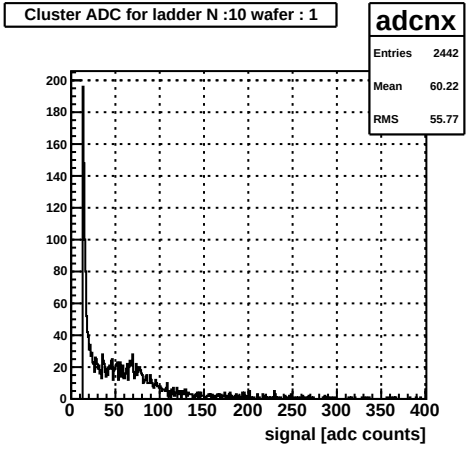

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4534
Mean 45.11
RMS 53.33
signal [adc counts]

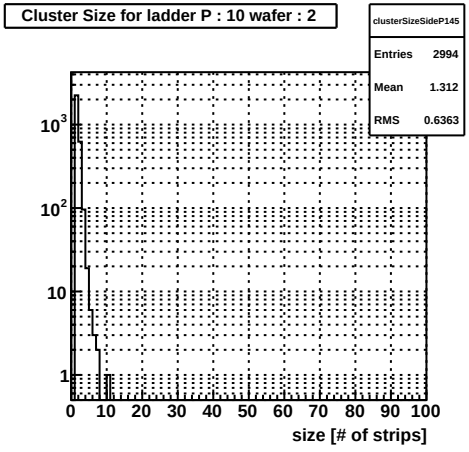

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 4261
Mean 1.355
RMS 0.6655
size [# of strips]

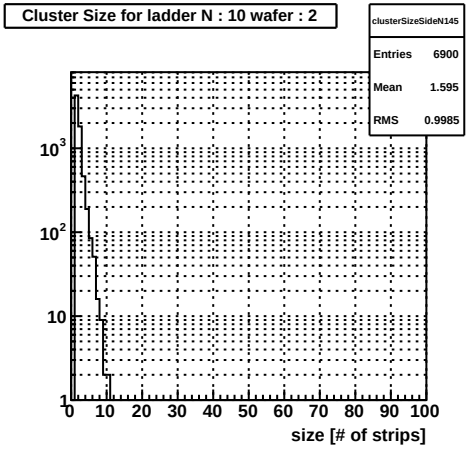

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 2442
Mean 1.505
RMS 0.8019
size [# of strips]

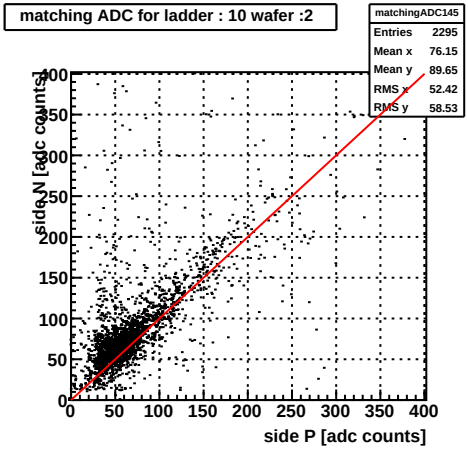

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 1190
Mean x 70.54
Mean y 78.83
RMS x 62.69
RMS y 61.12
side N [adc counts]
side P [adc counts]

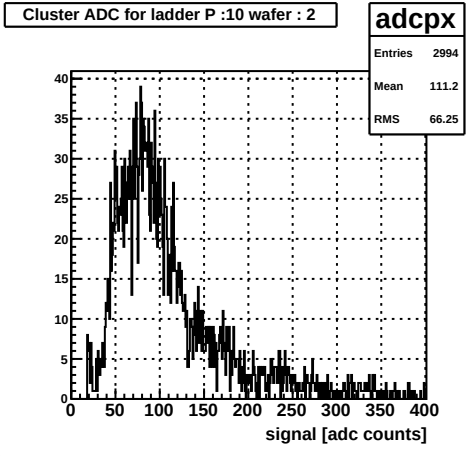

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 4261
Mean 73.18
RMS 64.89
signal [adc counts]

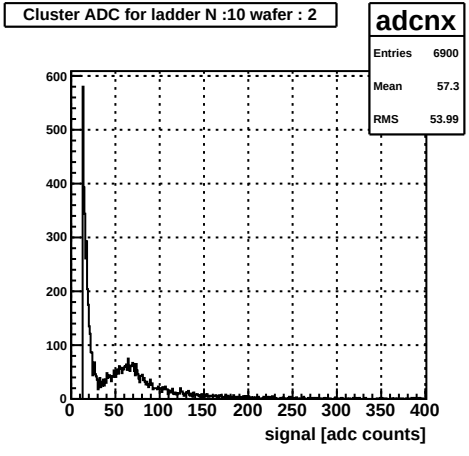

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 2442
Mean 60.22
RMS 55.77
signal [adc counts]

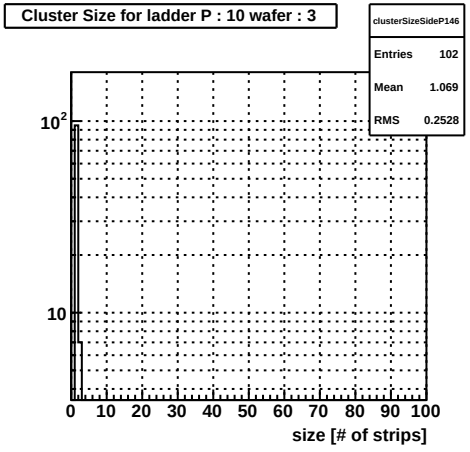

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 2994
Mean 1.312
RMS 0.6363
size [# of strips]

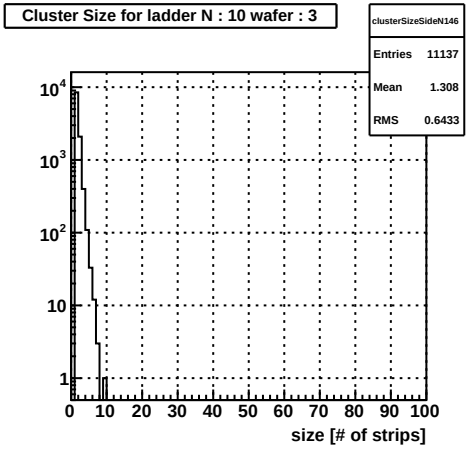

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 6900
Mean 1.595
RMS 0.9985
size [# of strips]

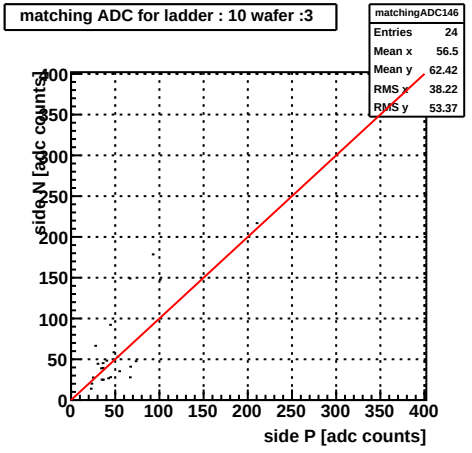

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 2295
Mean x 76.15
Mean y 89.65
RMS x 52.42
RMS y 58.53
side N [adc counts]
side P [adc counts]

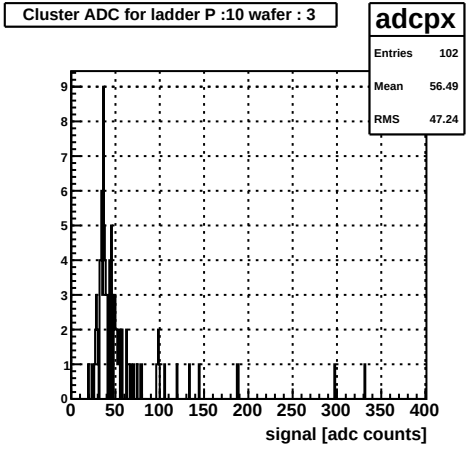

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 2994
Mean 111.2
RMS 66.25
signal [adc counts]

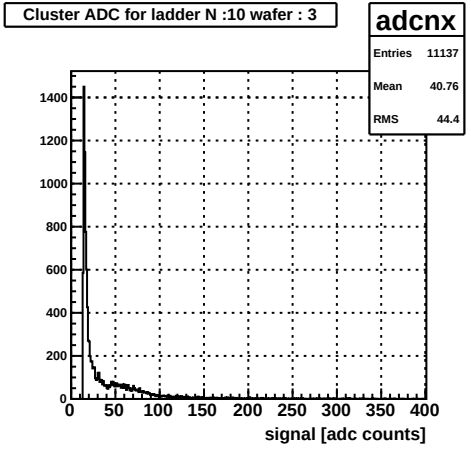

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 6900
Mean 57.3
RMS 53.99
signal [adc counts]

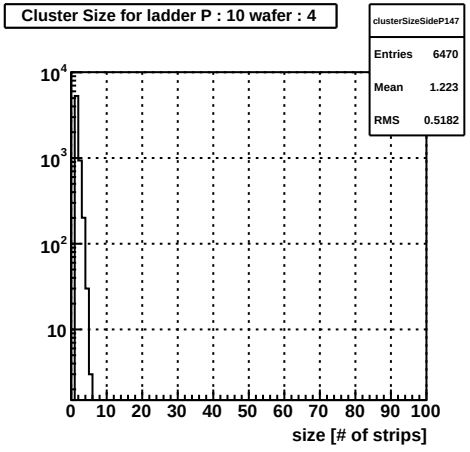

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 102
Mean 1.069
RMS 0.2528
size [# of strips]

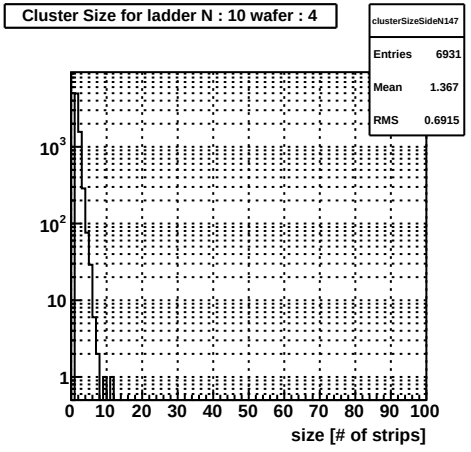

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 11137
Mean 1.308
RMS 0.6433
size [# of strips]

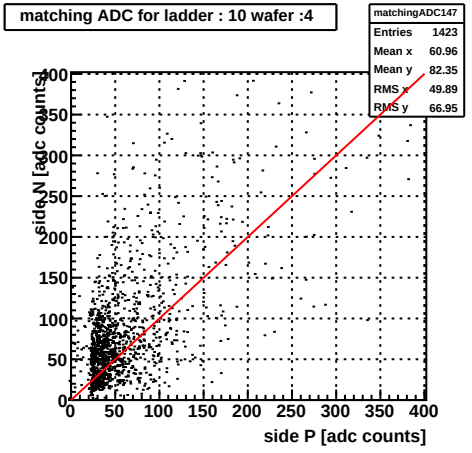

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 24
Mean x 56.5
Mean y 62.42
RMS x 38.22
RMS y 53.37
side N [adc counts]
side P [adc counts]

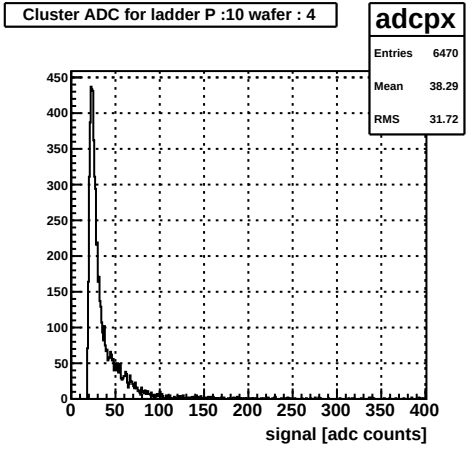

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 102
Mean 56.49
RMS 47.24
signal [adc counts]

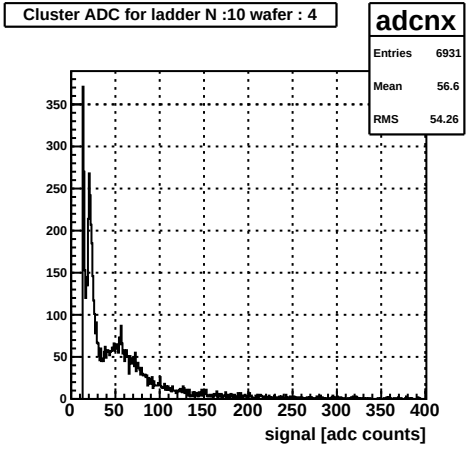

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 11137
Mean 40.76
RMS 44.4
signal [adc counts]

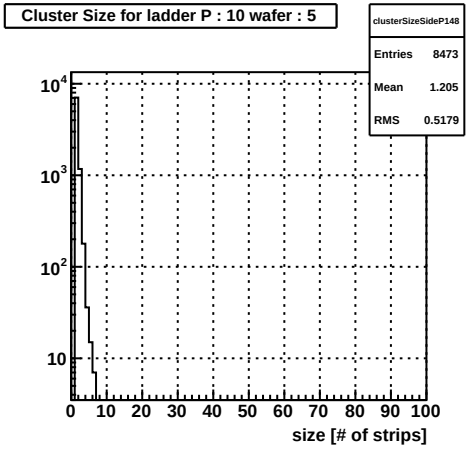

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 6470
Mean 1.223
RMS 0.5182
size [# of strips]

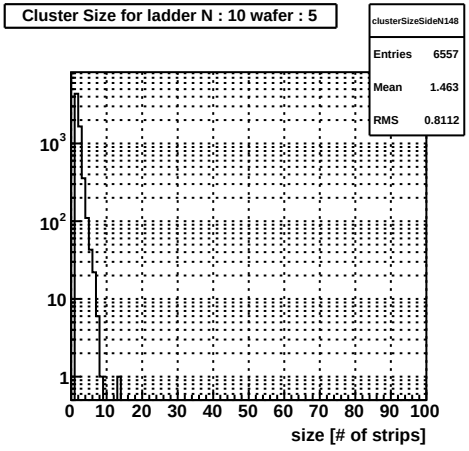

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 6931
Mean 1.367
RMS 0.6915
size [# of strips]

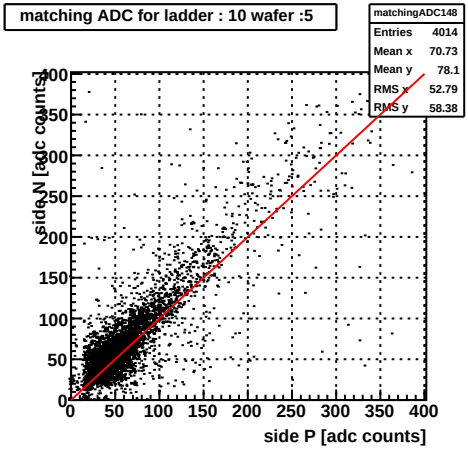

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 1423
Mean x 60.96
Mean y 82.35
RMS x 49.89
RMS y 66.95
side N [adc counts]
side P [adc counts]

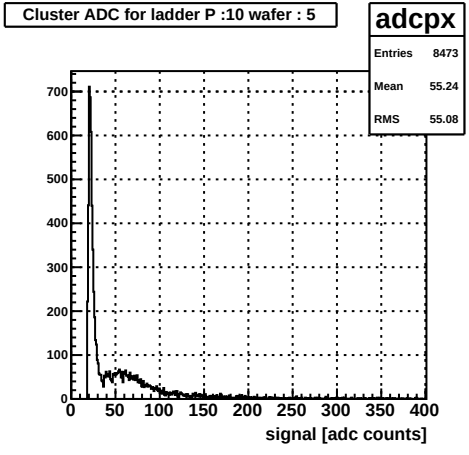

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 6470
Mean 38.29
RMS 31.72
signal [adc counts]

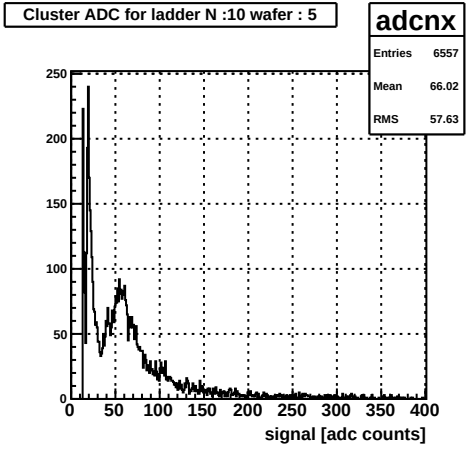

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 6931
Mean 56.6
RMS 54.26
signal [adc counts]

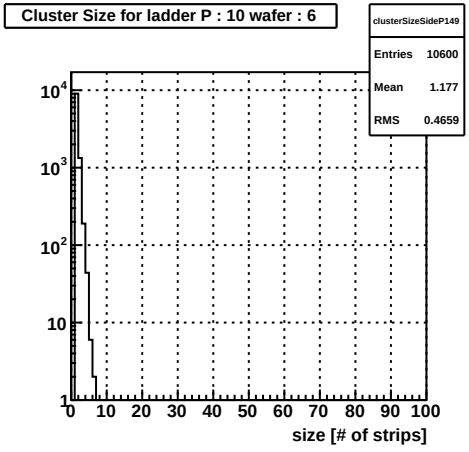

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8473
Mean 1.205
RMS 0.5179
size [# of strips]

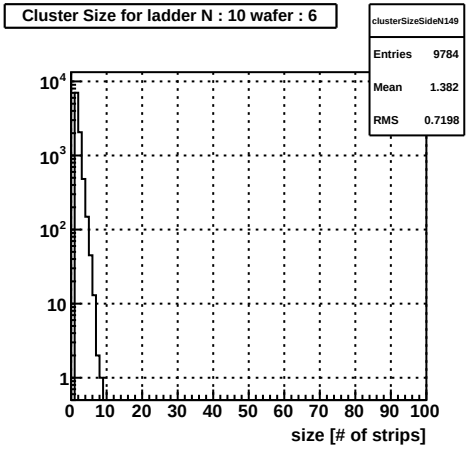

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 6557
Mean 1.463
RMS 0.8112
size [# of strips]

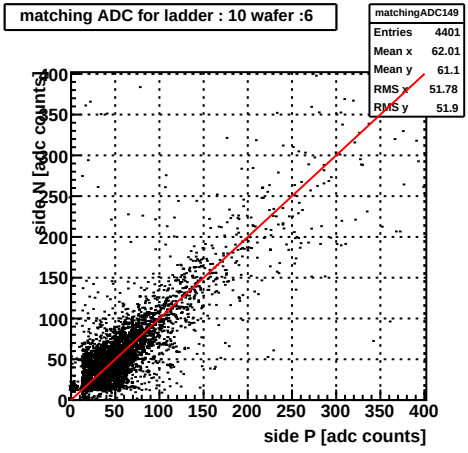

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 4014
Mean x 70.73
Mean y 78.1
RMS x 52.79
RMS y 58.38
side N [adc counts]
side P [adc counts]

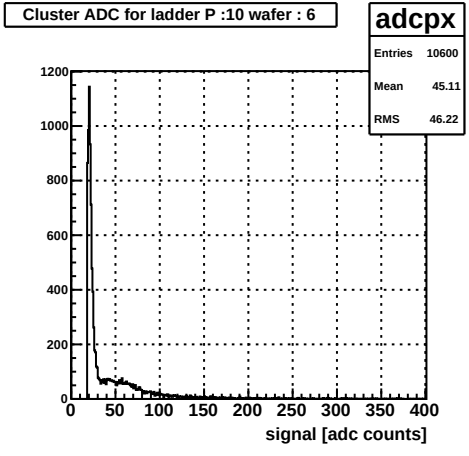

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8473
Mean 55.24
RMS 55.08
signal [adc counts]

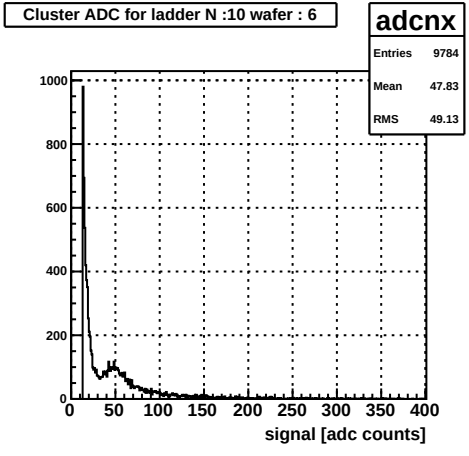

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 6557
Mean 66.02
RMS 57.63
signal [adc counts]

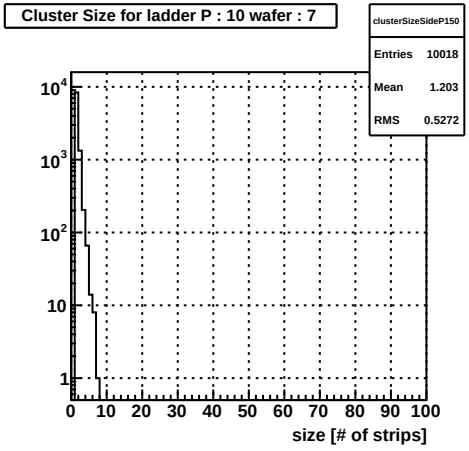

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10600
Mean 1.177
RMS 0.4659
size [# of strips]

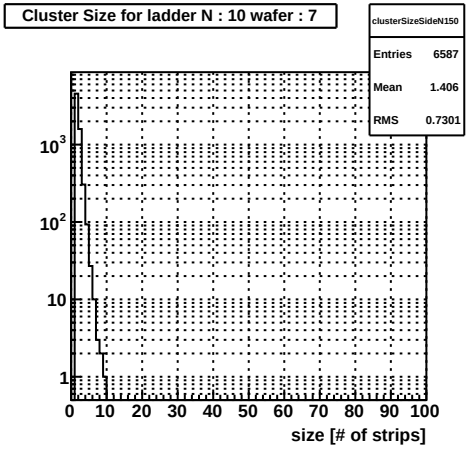

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 9784
Mean 1.382
RMS 0.7198
size [# of strips]

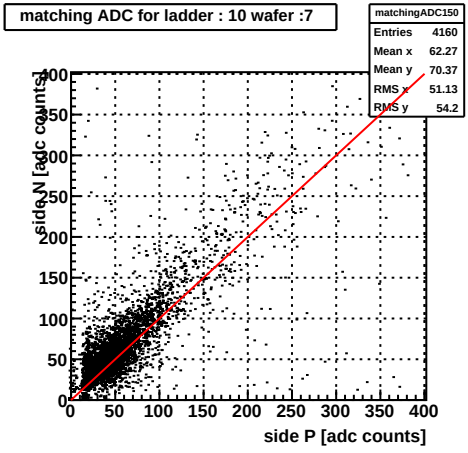

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 4401
Mean x 62.01
Mean y 61.1
RMS x 51.78
RMS y 51.9
side N [adc counts]
side P [adc counts]

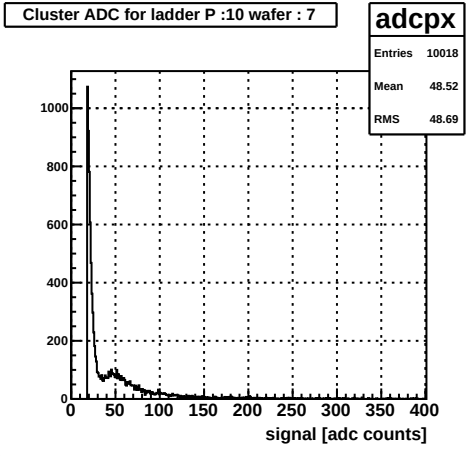

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10600
Mean 45.11
RMS 46.22
signal [adc counts]

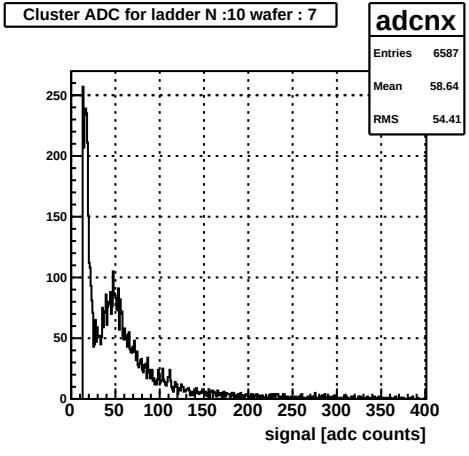

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 9784
Mean 47.83
RMS 49.13
signal [adc counts]

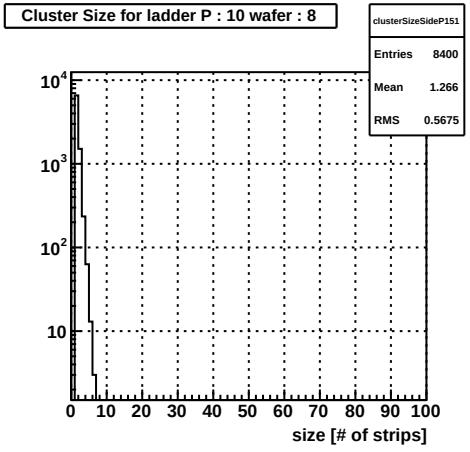

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10018
Mean 1.203
RMS 0.5272
size [# of strips]

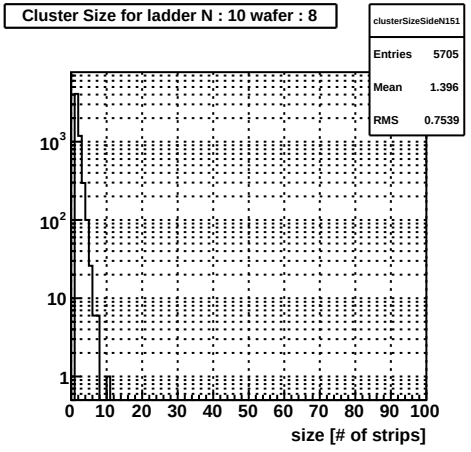

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 6587
Mean 1.406
RMS 0.7301
size [# of strips]

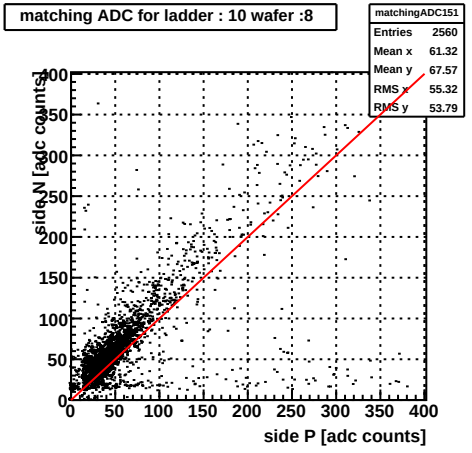

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 4160
Mean x 62.27
Mean y 70.37
RMS x 51.13
RMS y 54.2
side N [adc counts]
side P [adc counts]

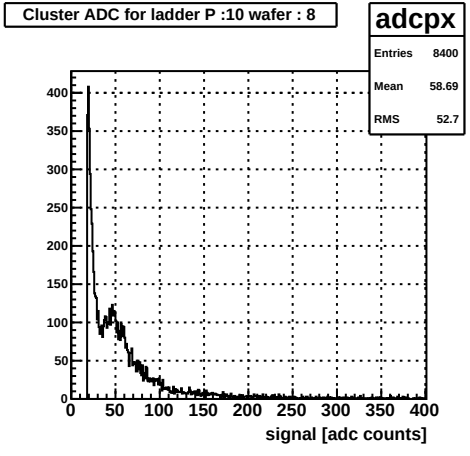

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10018
Mean 48.52
RMS 48.69
signal [adc counts]

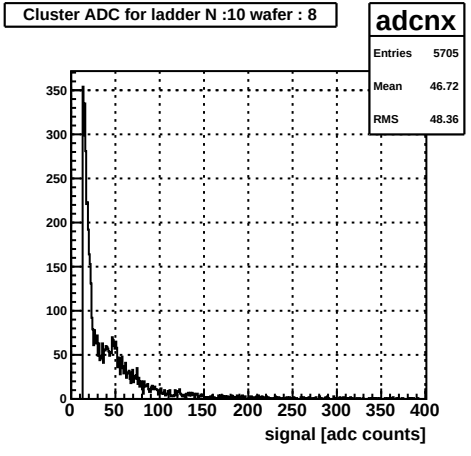

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 6587
Mean 58.64
RMS 54.41
signal [adc counts]

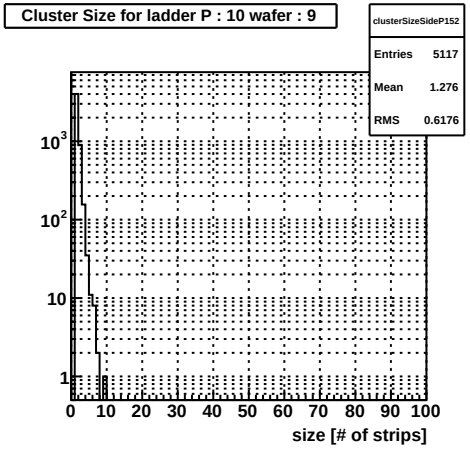

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 8400
Mean 1.266
RMS 0.5675
size [# of strips]

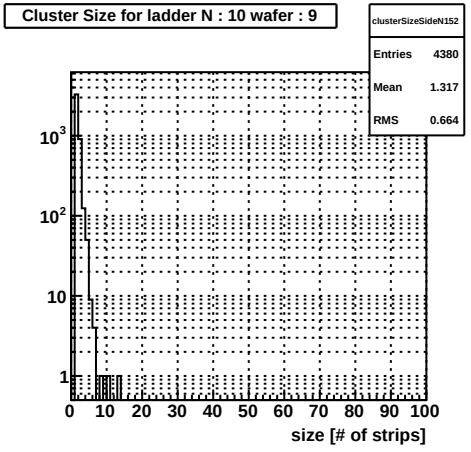

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5705
Mean 1.396
RMS 0.7539
size [# of strips]

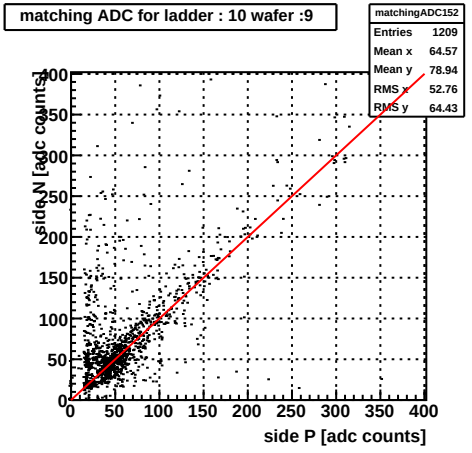

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 2560
Mean x 61.32
Mean y 67.57
RMS x 55.32
RMS y 53.79
side N [adc counts]
side P [adc counts]

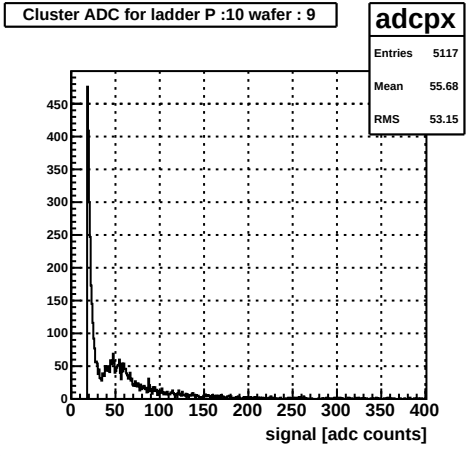

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 8400
Mean 58.69
RMS 52.7
signal [adc counts]

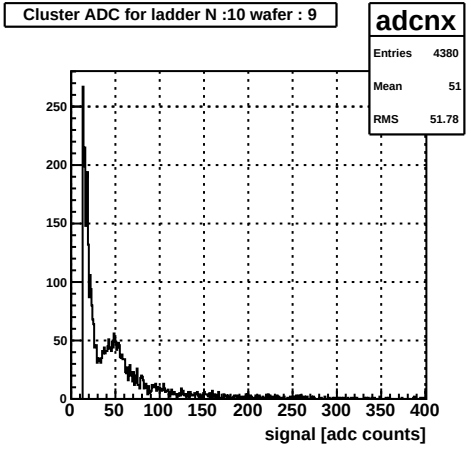

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5705
Mean 46.72
RMS 48.36
signal [adc counts]

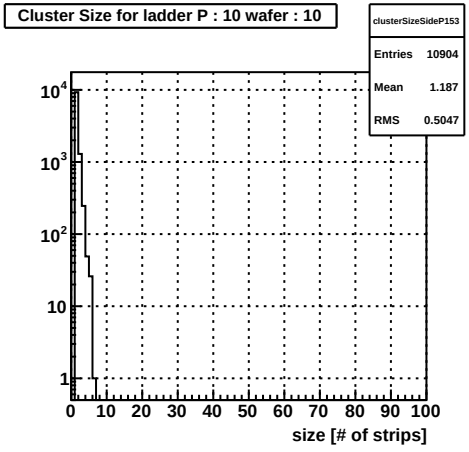

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 5117
Mean 1.276
RMS 0.6176
size [# of strips]

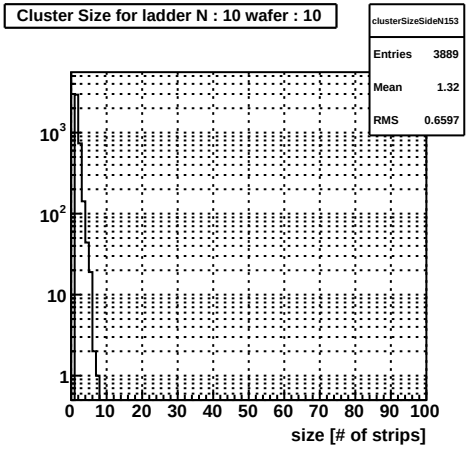

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 4380
Mean 1.317
RMS 0.664
size [# of strips]

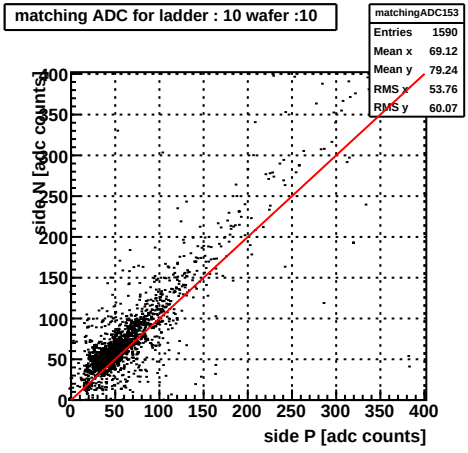

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 1209
Mean x 64.57
Mean y 78.94
RMS x 52.76
RMS y 64.43
side N [adc counts]
side P [adc counts]

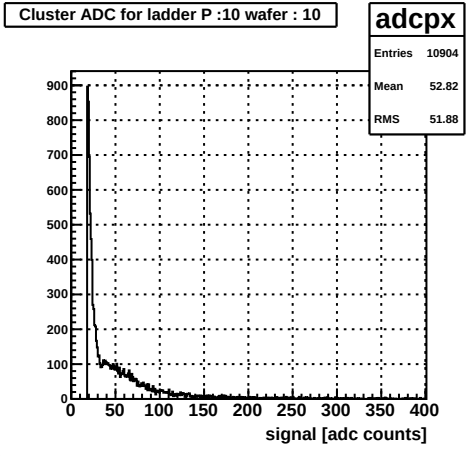

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 5117
Mean 55.68
RMS 53.15
signal [adc counts]

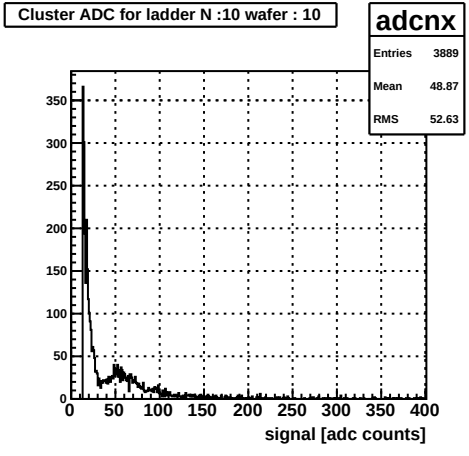

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 4380
Mean 51
RMS 51.78
signal [adc counts]

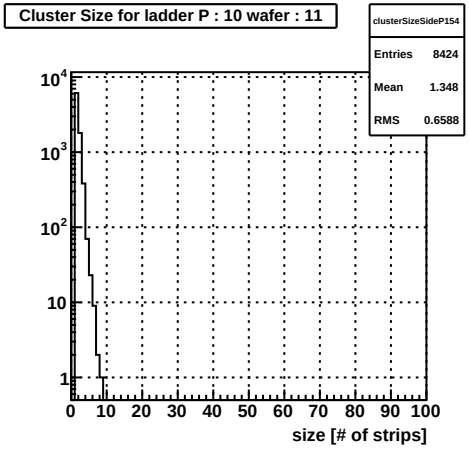

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 10904
Mean 1.187
RMS 0.5047
size [# of strips]

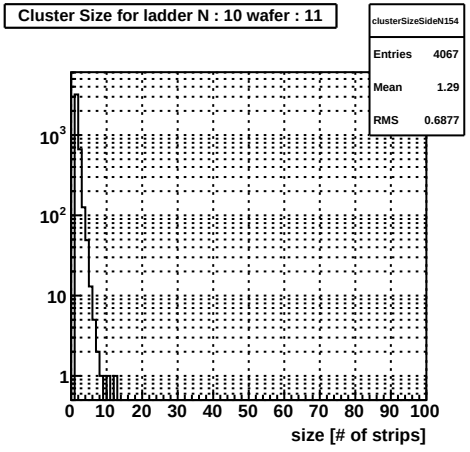

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 3889
Mean 1.32
RMS 0.6597
size [# of strips]

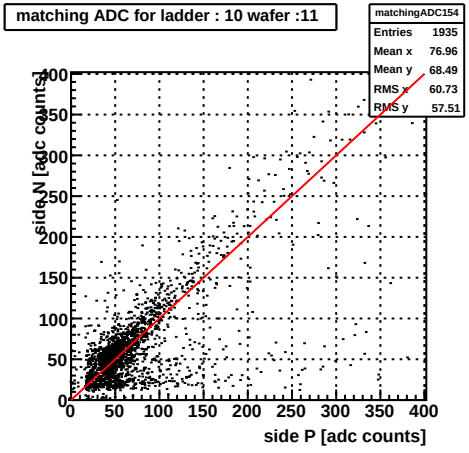

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 1590
Mean x 69.12
Mean y 79.24
RMS x 53.76
RMS y 60.07
side N [adc counts]
side P [adc counts]

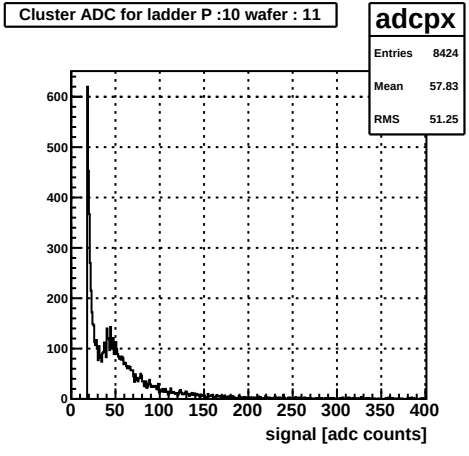

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 10904
Mean 52.82
RMS 51.88
signal [adc counts]

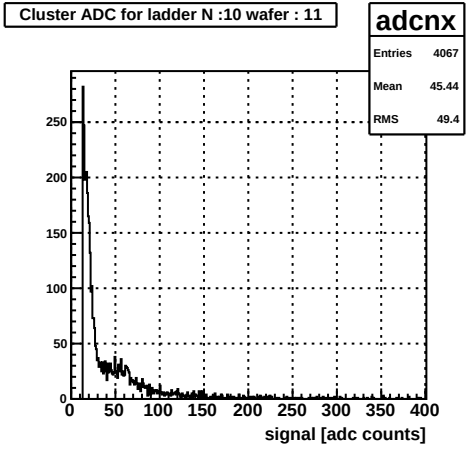

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 3889
Mean 48.87
RMS 52.63
signal [adc counts]

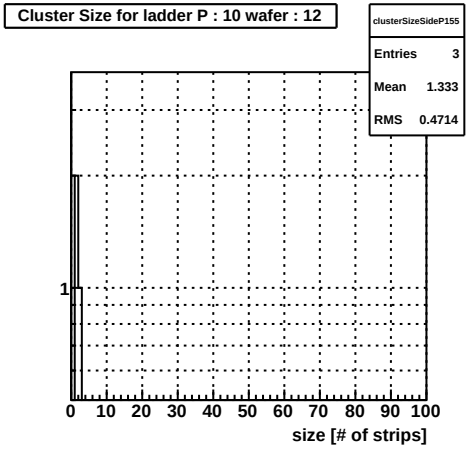

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 8424
Mean 1.348
RMS 0.6588
size [# of strips]

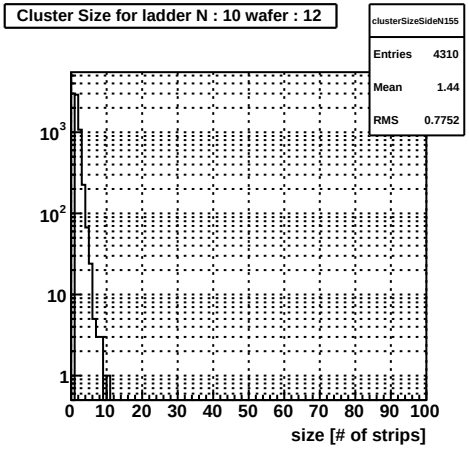

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4067
Mean 1.29
RMS 0.6877
size [# of strips]

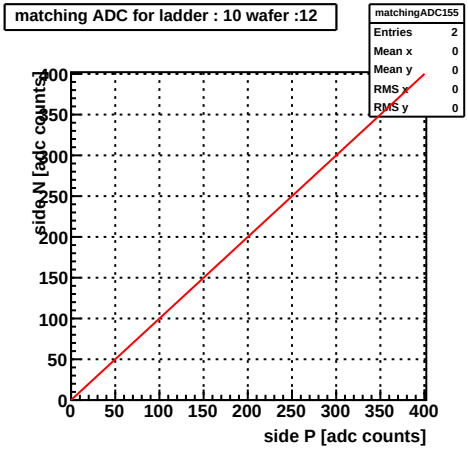

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1935
Mean x 76.96
Mean y 68.49
RMS x 60.73
RMS y 57.51
side N [adc counts]
side P [adc counts]

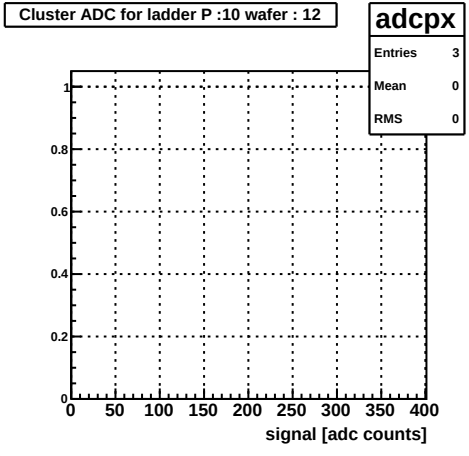

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 8424
Mean 57.83
RMS 51.25
signal [adc counts]

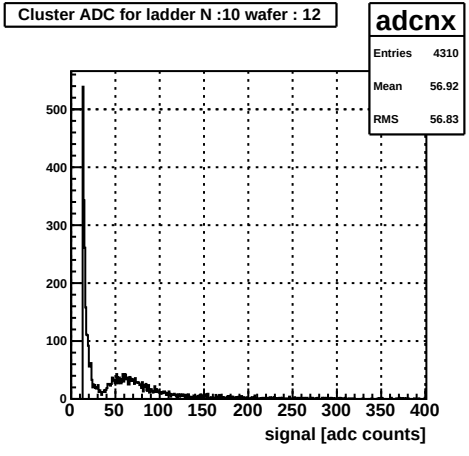

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4067
Mean 45.44
RMS 49.4
signal [adc counts]

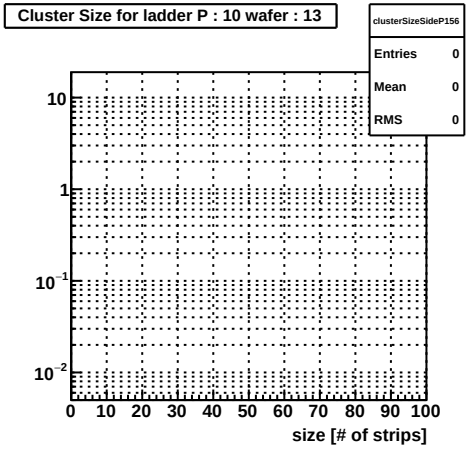

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

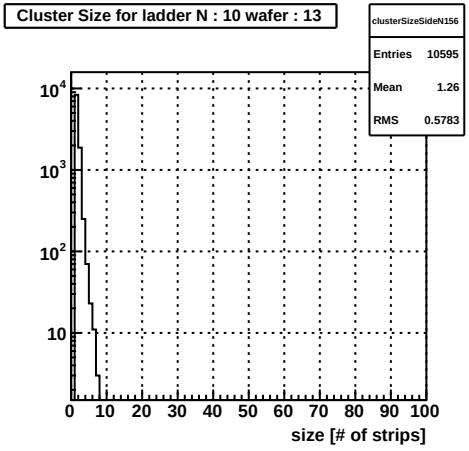

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 4310
Mean 1.44
RMS 0.7752
size [# of strips]

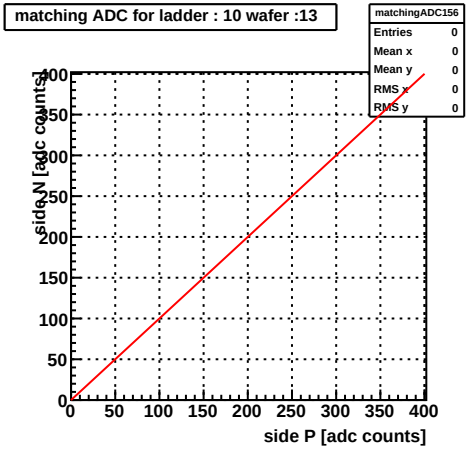

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

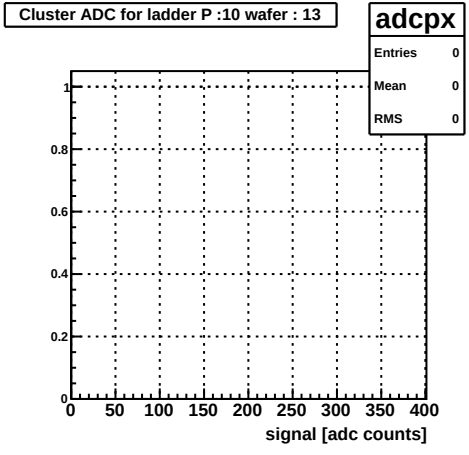

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

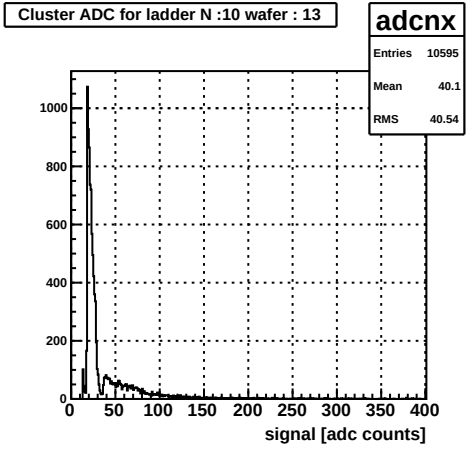

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 4310
Mean 56.92
RMS 56.83
signal [adc counts]

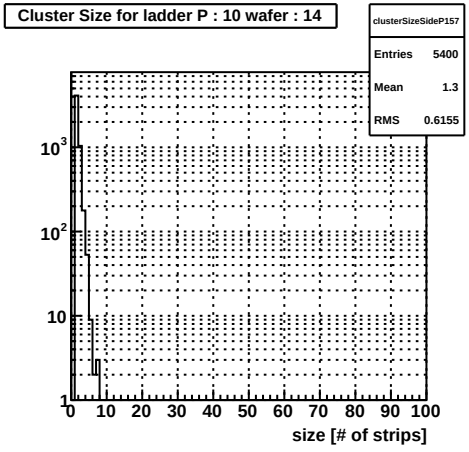

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

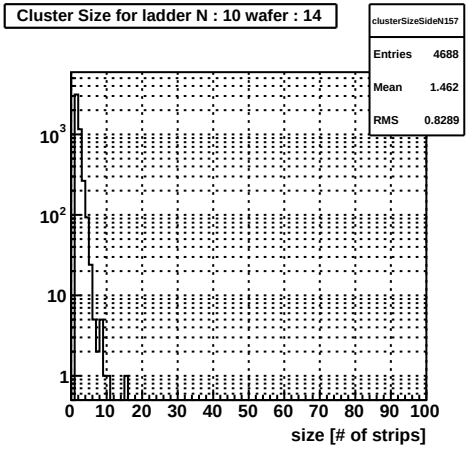

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 10595
Mean 1.26
RMS 0.5783
size [# of strips]

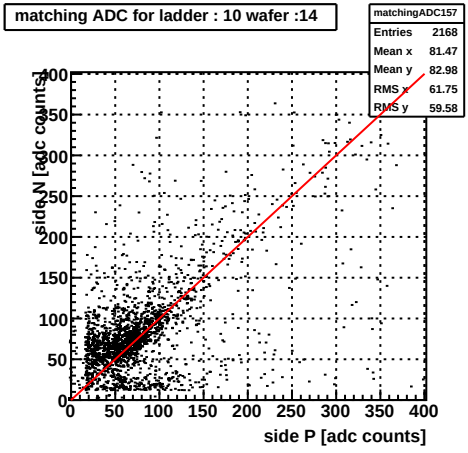

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

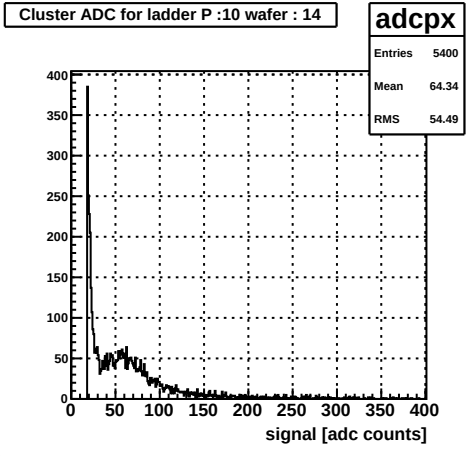

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

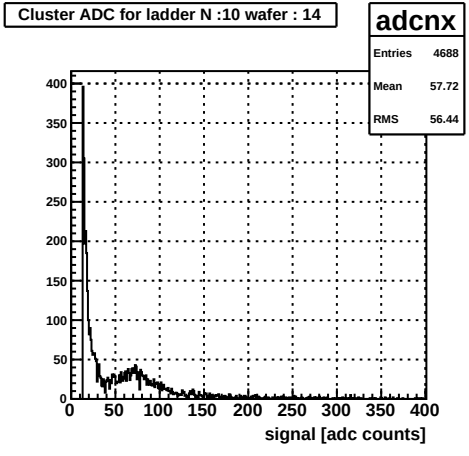

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 10595
Mean 40.1
RMS 40.54
signal [adc counts]

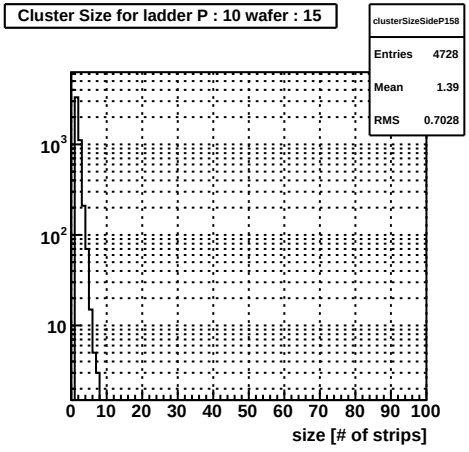

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 5400
Mean 1.3
RMS 0.6155
size [# of strips]

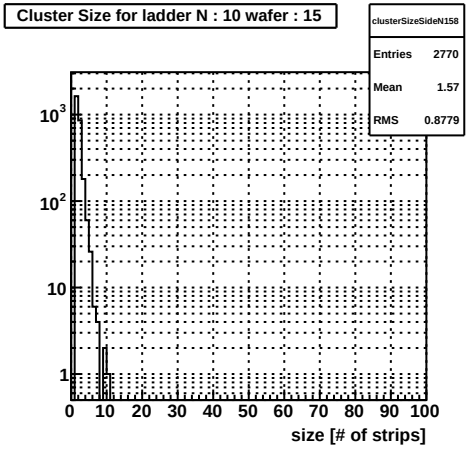

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 4688
Mean 1.462
RMS 0.8289
size [# of strips]

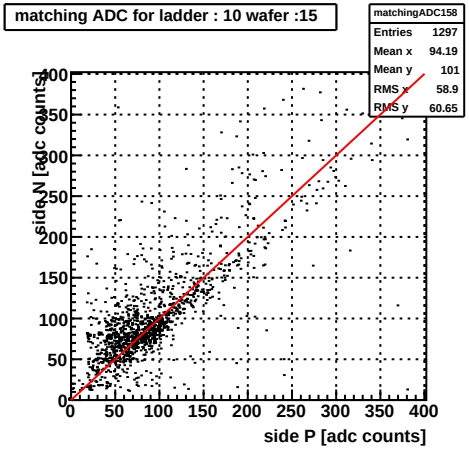

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 2168
Mean x 81.47
Mean y 82.98
RMS x 61.75
RMS y 59.58
side N [adc counts]
side P [adc counts]

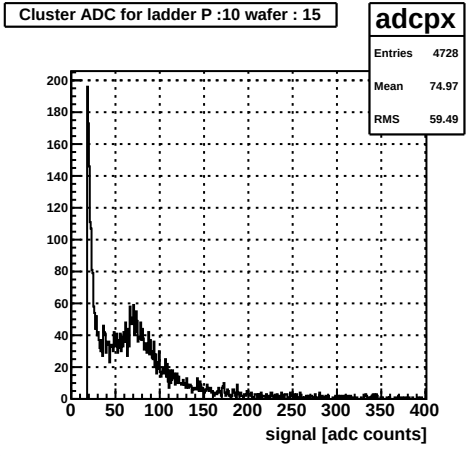

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 5400
Mean 64.34
RMS 54.49
signal [adc counts]

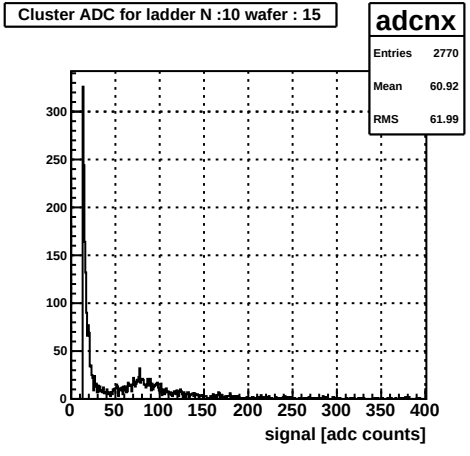

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 4688
Mean 57.72
RMS 56.44
signal [adc counts]

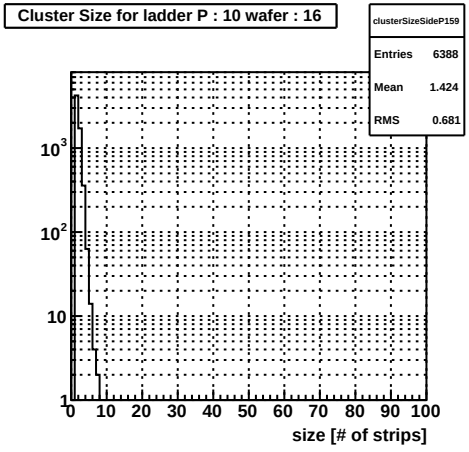

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 4728
Mean 1.39
RMS 0.7028
size [# of strips]

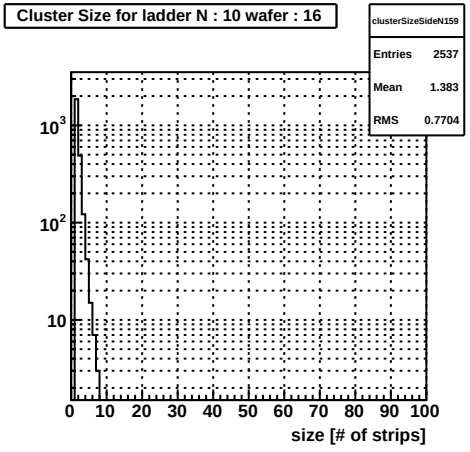

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 2770
Mean 1.57
RMS 0.8779
size [# of strips]

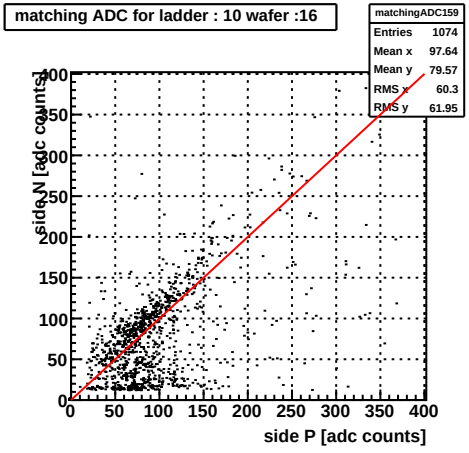

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1297
Mean x 94.19
Mean y 101
RMS x 58.9
RMS y 60.65
side N [adc counts]
side P [adc counts]

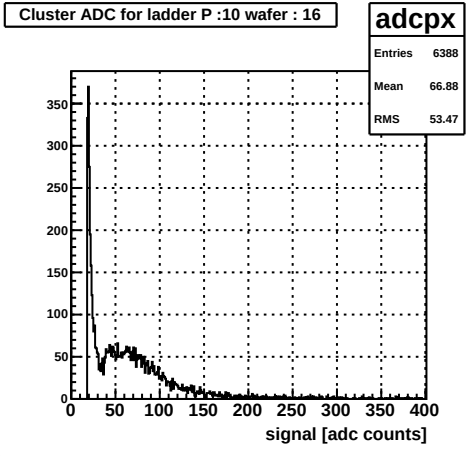

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 4728
Mean 74.97
RMS 59.49
signal [adc counts]

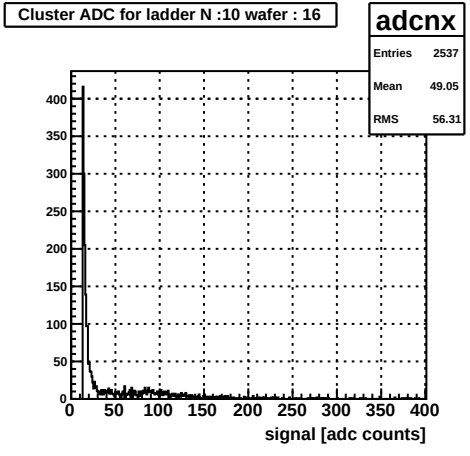

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 2770
Mean 60.92
RMS 61.99
signal [adc counts]

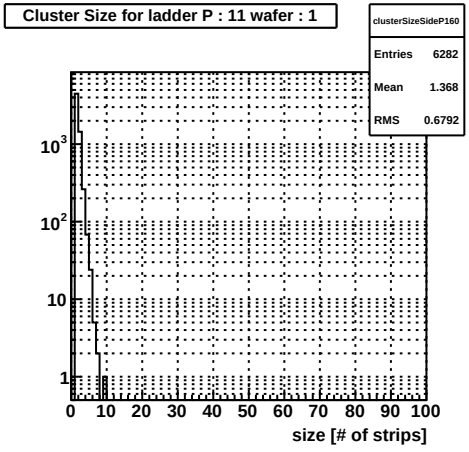

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 6388
Mean 1.424
RMS 0.681
size [# of strips]

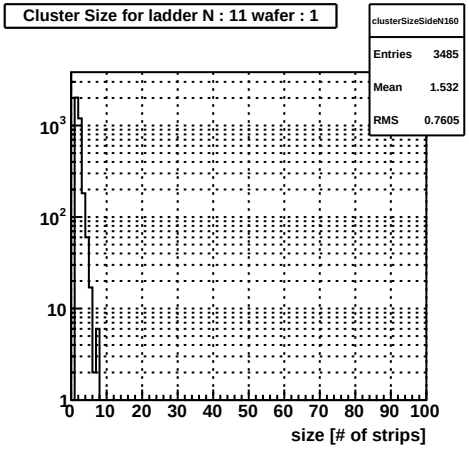

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2537
Mean 1.383
RMS 0.7704
size [# of strips]

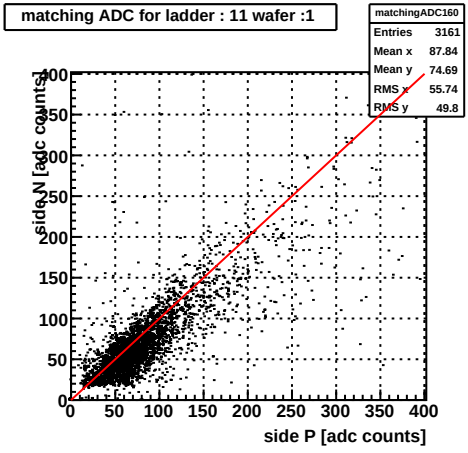

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1074
Mean x 97.64
Mean y 79.57
RMS x 60.3
RMS y 61.95
side N [adc counts]
side P [adc counts]

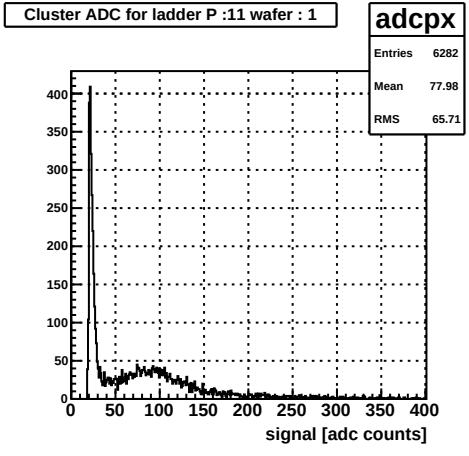

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 6388
Mean 66.88
RMS 53.47
signal [adc counts]

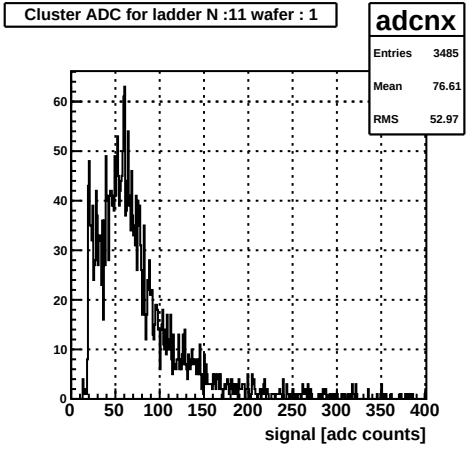

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2537
Mean 49.05
RMS 56.31
signal [adc counts]

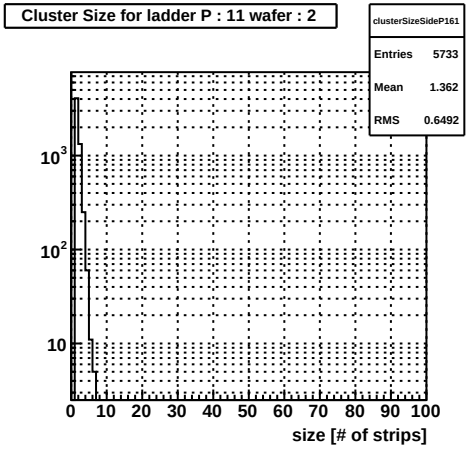

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 6282
Mean 1.368
RMS 0.6792
size [# of strips]

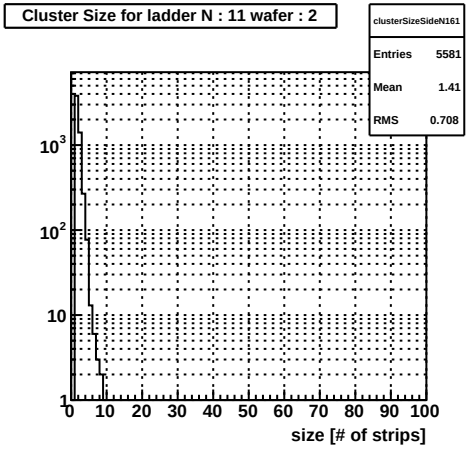

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 3485
Mean 1.532
RMS 0.7605
size [# of strips]

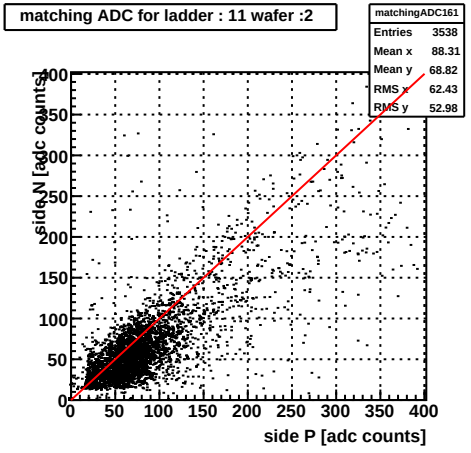

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 3161
Mean x 87.84
Mean y 74.69
RMS x 55.74
RMS y 49.8
side N [adc counts]
side P [adc counts]

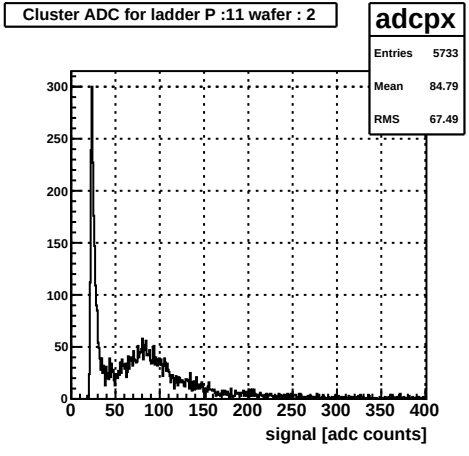

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 6282
Mean 77.98
RMS 65.71
signal [adc counts]

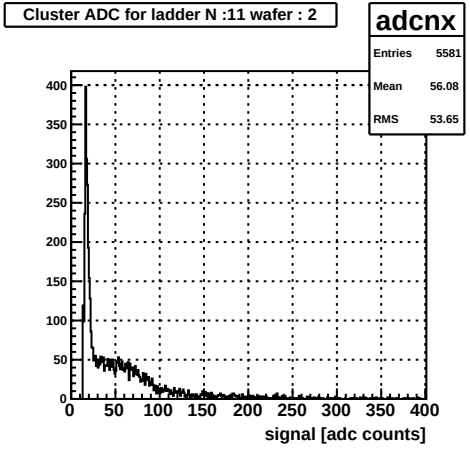

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 3485
Mean 76.61
RMS 52.97
signal [adc counts]

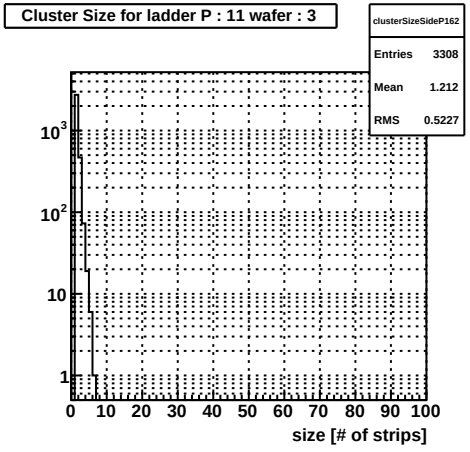

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 5733
Mean 1.362
RMS 0.6492
size [# of strips]

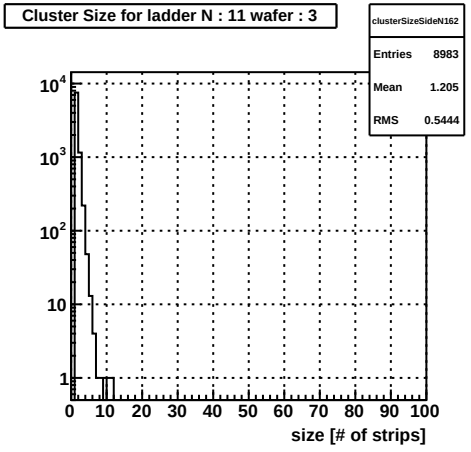

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5581
Mean 1.41
RMS 0.708
size [# of strips]

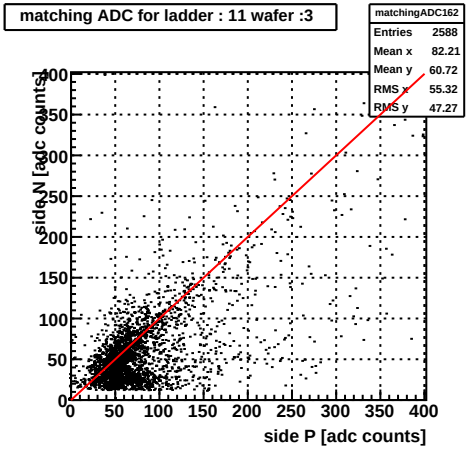

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 3538
Mean x 88.31
Mean y 68.82
RMS x 62.43
RMS y 52.98
side N [adc counts]
side P [adc counts]

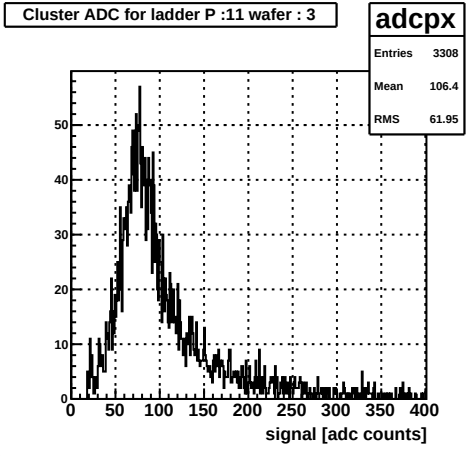

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 5733
Mean 84.79
RMS 67.49
signal [adc counts]

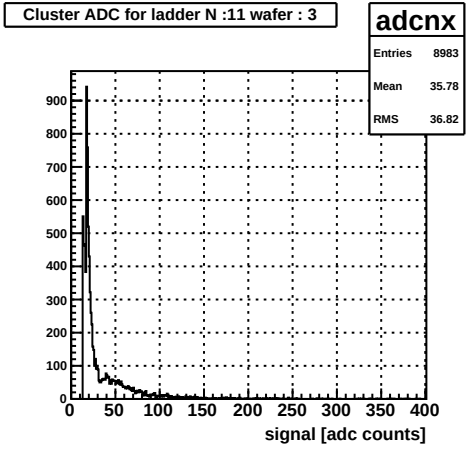

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5581
Mean 56.08
RMS 53.65
signal [adc counts]

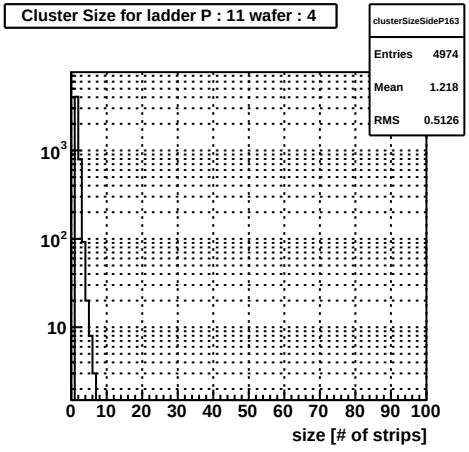

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 3308
Mean 1.212
RMS 0.5227
size [# of strips]

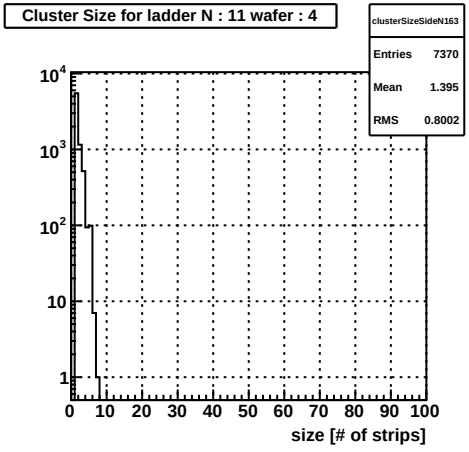

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 8983
Mean 1.205
RMS 0.5444
size [# of strips]

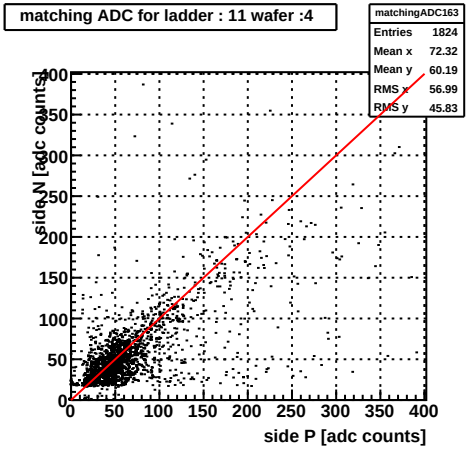

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 2588
Mean x 82.21
Mean y 60.72
RMS x 55.32
RMS y 47.27
side N [adc counts]
side P [adc counts]

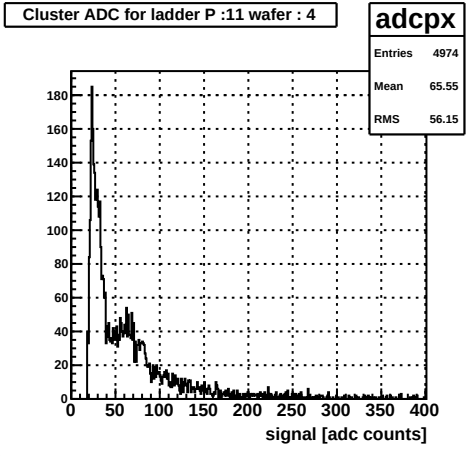

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 3308
Mean 106.4
RMS 61.95
signal [adc counts]

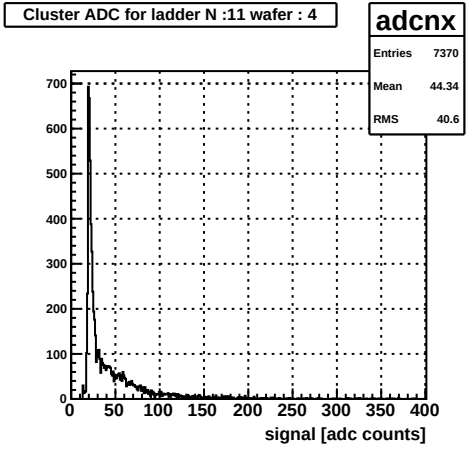

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 8983
Mean 35.78
RMS 36.82
signal [adc counts]

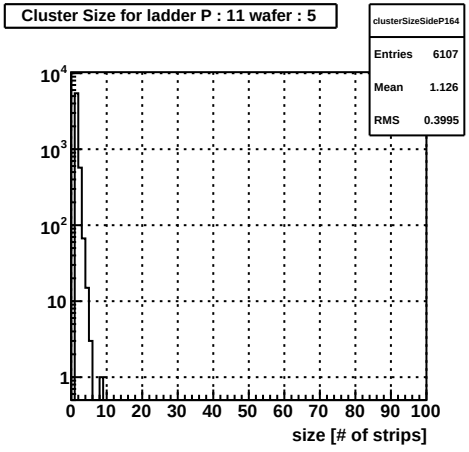

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4974
Mean 1.218
RMS 0.5126
size [# of strips]

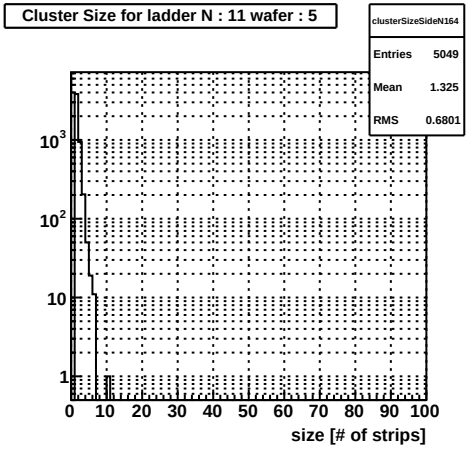

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7370
Mean 1.395
RMS 0.8002
size [# of strips]

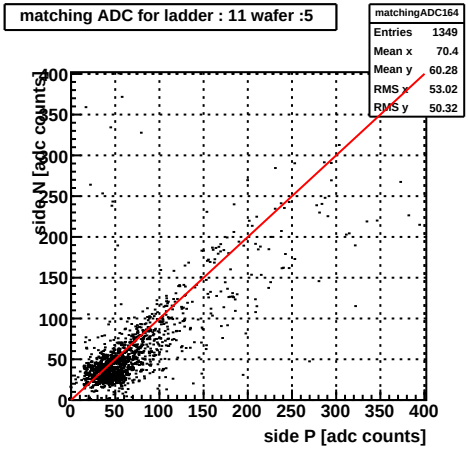

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1824
Mean x 72.32
Mean y 60.19
RMS x 56.99
RMS y 45.83
side N [adc counts]
side P [adc counts]

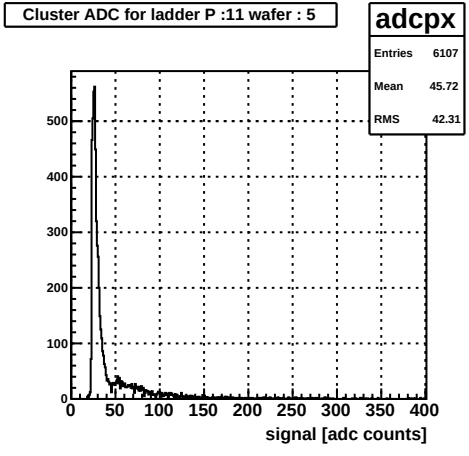

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4974
Mean 65.55
RMS 56.15
signal [adc counts]

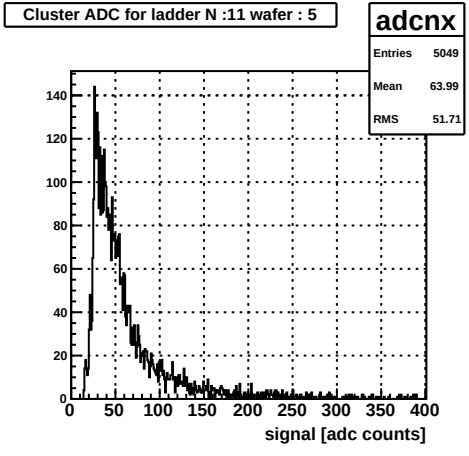

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7370
Mean 44.34
RMS 40.6
signal [adc counts]

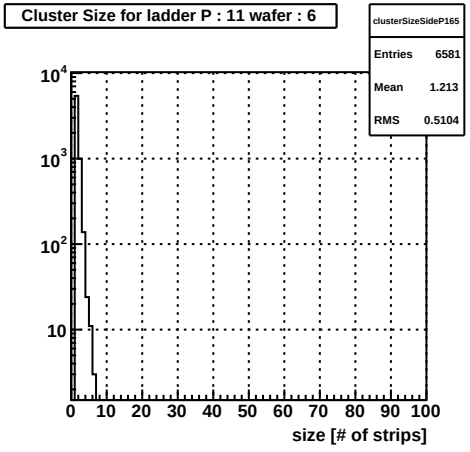

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 6107
Mean 1.126
RMS 0.3995
size [# of strips]

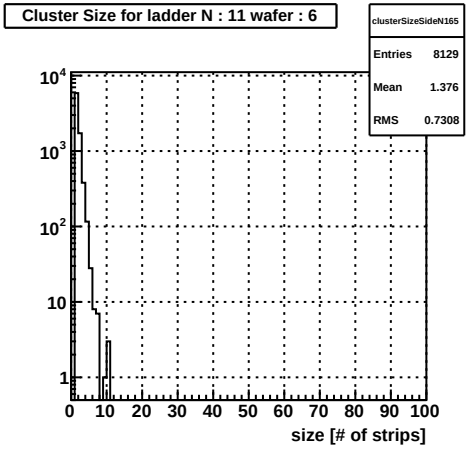

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 5049
Mean 1.325
RMS 0.6801
size [# of strips]

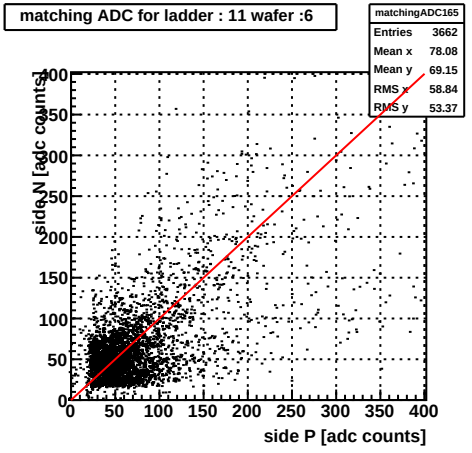

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 1349
Mean x 70.4
Mean y 60.28
RMS x 53.02
RMS y 50.32
side N [adc counts]
side P [adc counts]

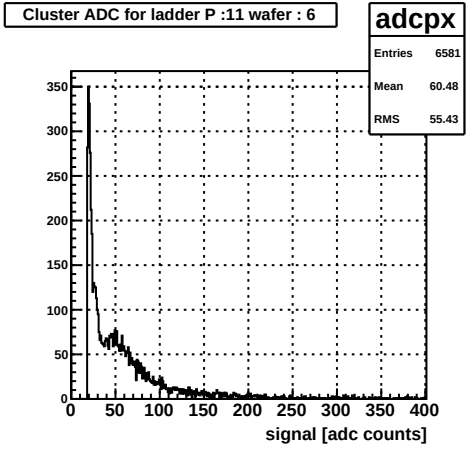

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 6107
Mean 45.72
RMS 42.31
signal [adc counts]

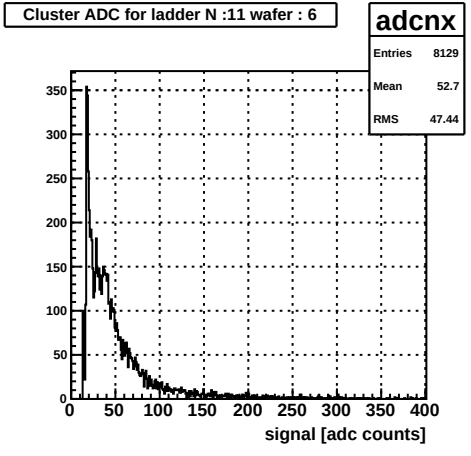

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 5049
Mean 63.99
RMS 51.71
signal [adc counts]

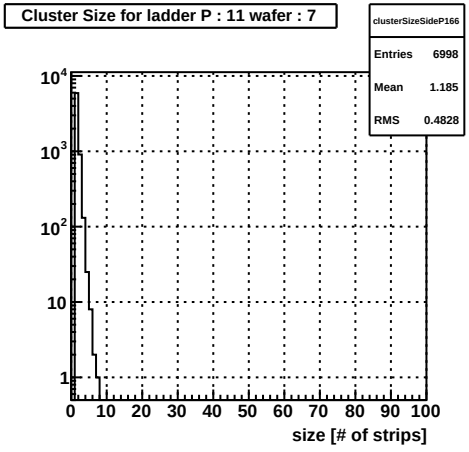

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 6581
Mean 1.213
RMS 0.5104
size [# of strips]

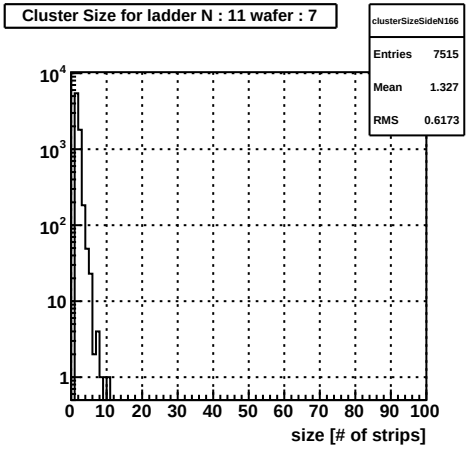

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 8129
Mean 1.376
RMS 0.7308
size [# of strips]

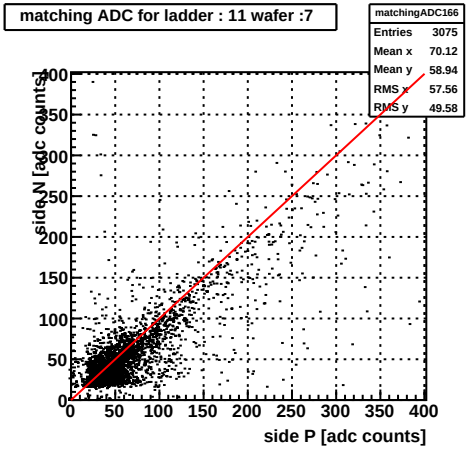

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 3662
Mean x 78.08
Mean y 69.15
RMS x 58.84
RMS y 53.37
side N [adc counts]
side P [adc counts]

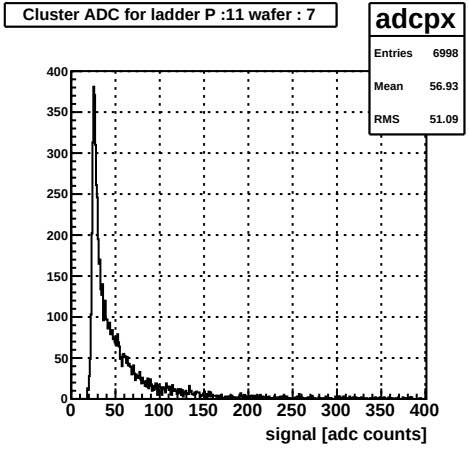

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 6581
Mean 60.48
RMS 55.43
signal [adc counts]

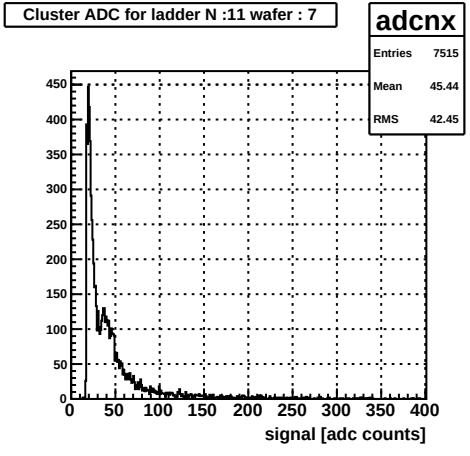

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 8129
Mean 52.7
RMS 47.44
signal [adc counts]

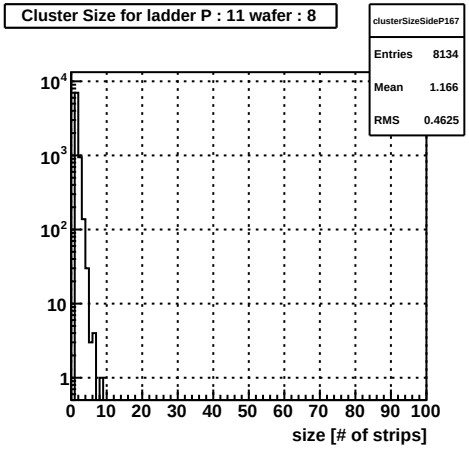

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 6998
Mean 1.185
RMS 0.4828
size [# of strips]

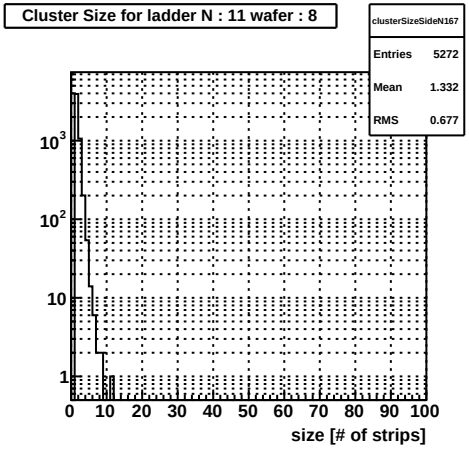

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 7515
Mean 1.327
RMS 0.6173
size [# of strips]

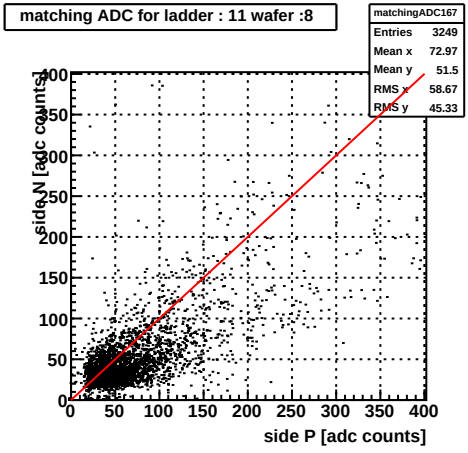

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 3075
Mean x 70.12
Mean y 58.94
RMS x 57.56
RMS y 49.58
side N [adc counts]
side P [adc counts]

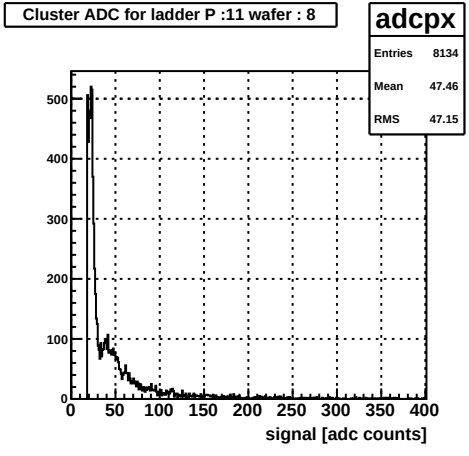

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 6998
Mean 56.93
RMS 51.09
signal [adc counts]

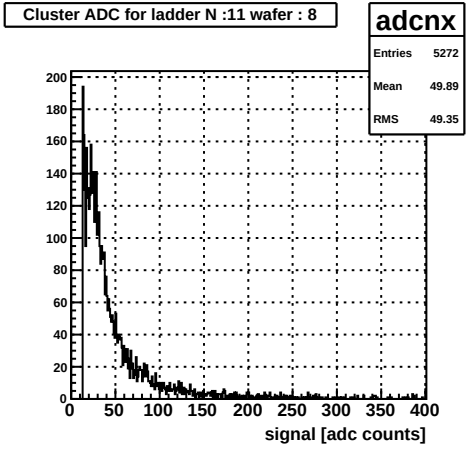

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 7515
Mean 45.44
RMS 42.45
signal [adc counts]

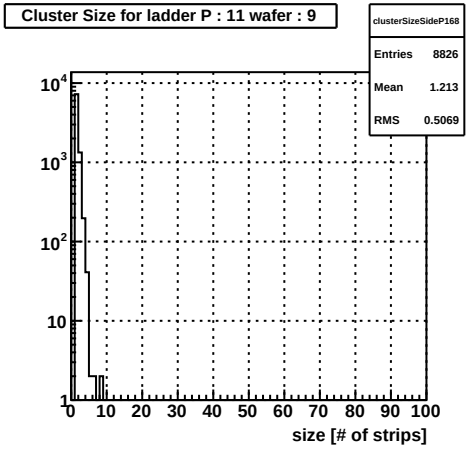

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8134
Mean 1.166
RMS 0.4625
size [# of strips]

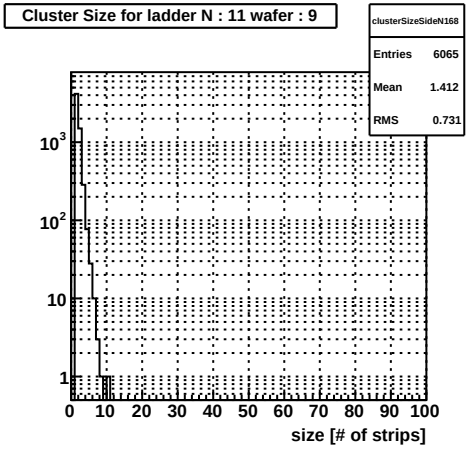

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 5272
Mean 1.332
RMS 0.677
size [# of strips]

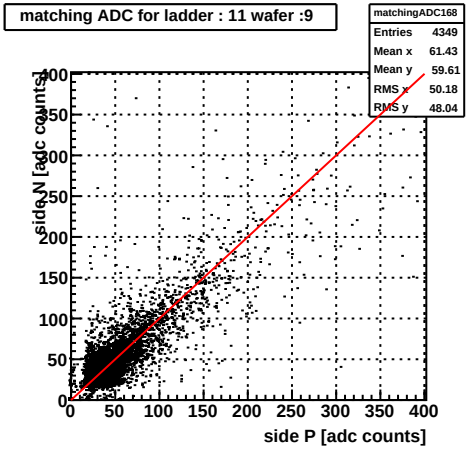

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 3249
Mean x 72.97
Mean y 51.5
RMS x 58.67
RMS y 45.33
side N [adc counts]
side P [adc counts]

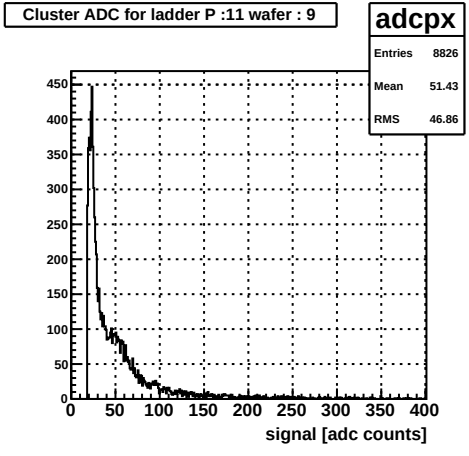

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8134
Mean 47.46
RMS 47.15
signal [adc counts]

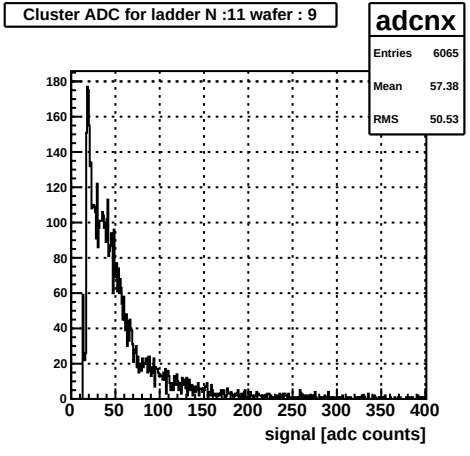

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 5272
Mean 49.89
RMS 49.35
signal [adc counts]

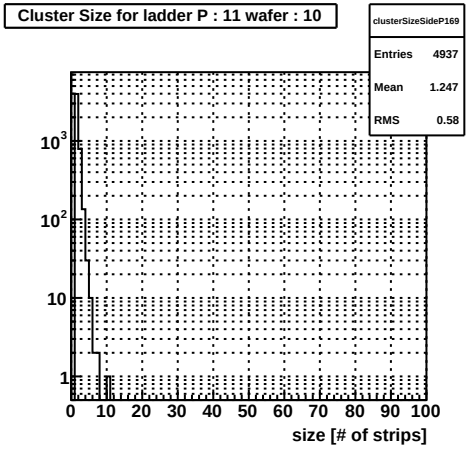

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 8826
Mean 1.213
RMS 0.5069
size [# of strips]

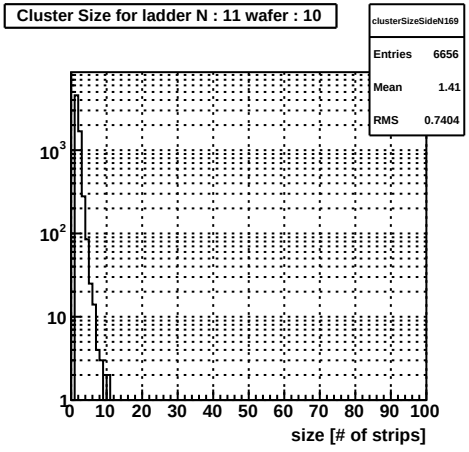

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 6065
Mean 1.412
RMS 0.731
size [# of strips]

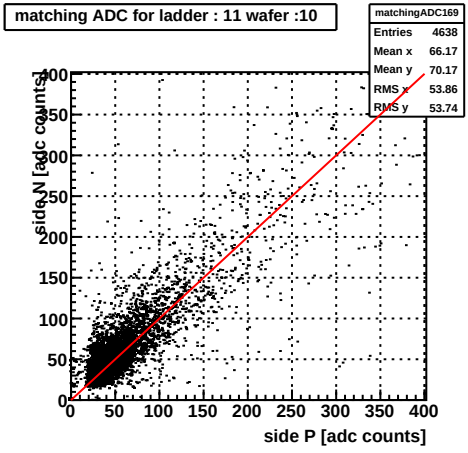

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 4349
Mean x 61.43
Mean y 59.61
RMS x 50.18
RMS y 48.04
side N [adc counts]
side P [adc counts]

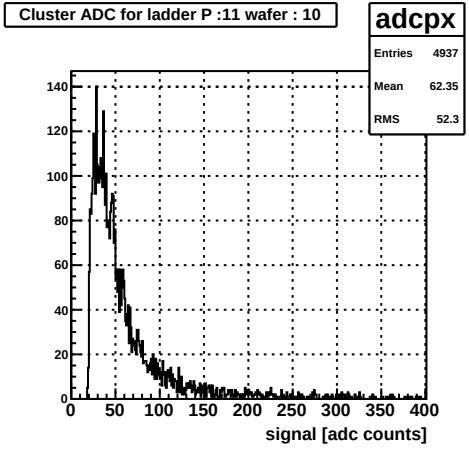

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 8826
Mean 51.43
RMS 46.86
signal [adc counts]

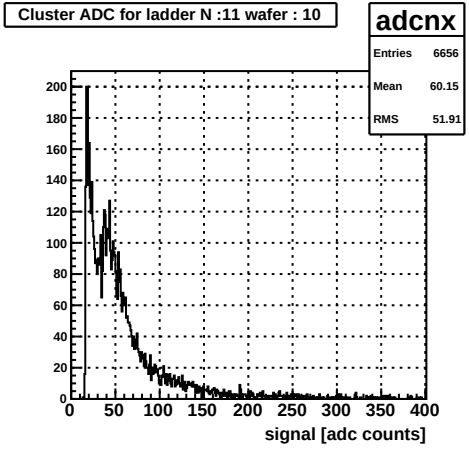

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 6065
Mean 57.38
RMS 50.53
signal [adc counts]

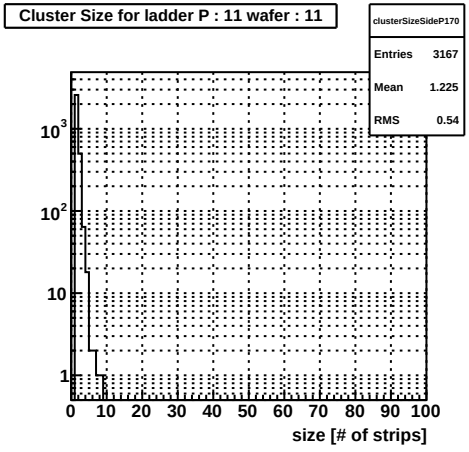

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 4937
Mean 1.247
RMS 0.58
size [# of strips]

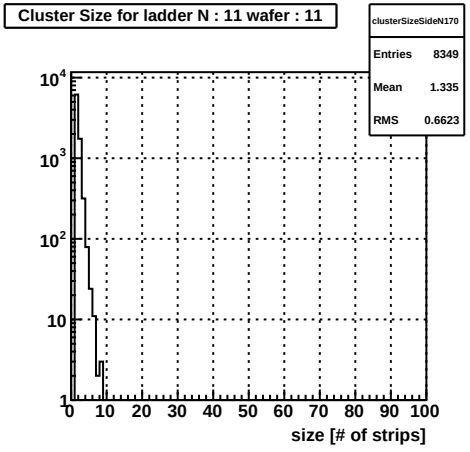

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 6656
Mean 1.41
RMS 0.7404
size [# of strips]

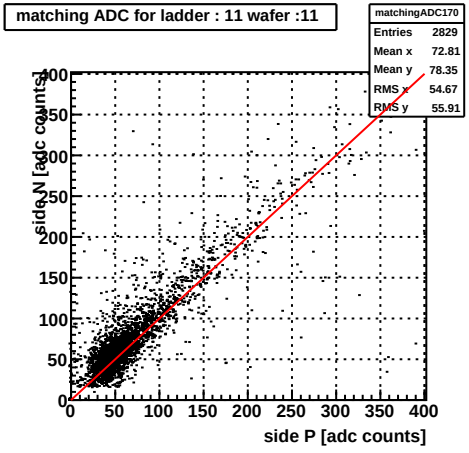

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 4638
Mean x 66.17
Mean y 70.17
RMS x 53.86
RMS y 53.74
side N [adc counts]
side P [adc counts]

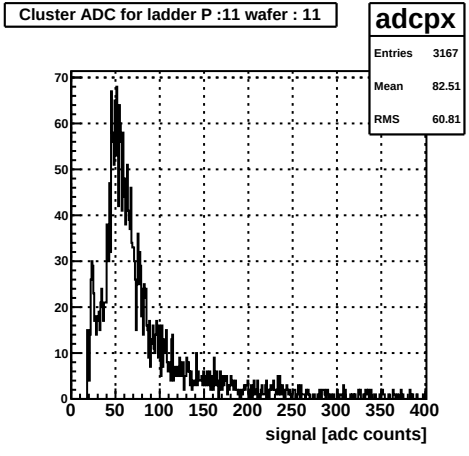

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 4937
Mean 62.35
RMS 52.3
signal [adc counts]

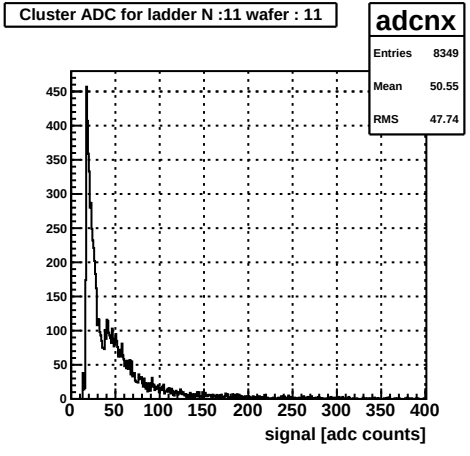

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 6656
Mean 60.15
RMS 51.91
signal [adc counts]

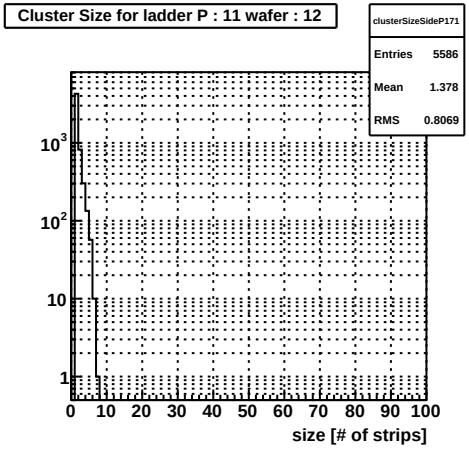

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 3167
Mean 1.225
RMS 0.54
size [# of strips]

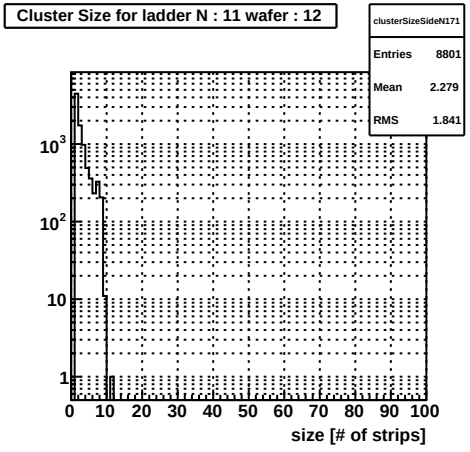

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 8349
Mean 1.335
RMS 0.6623
size [# of strips]

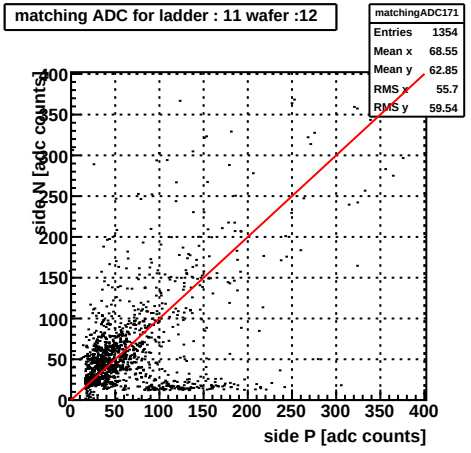

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 2829
Mean x 72.81
Mean y 78.35
RMS x 54.67
RMS y 55.91
side N [adc counts]
side P [adc counts]

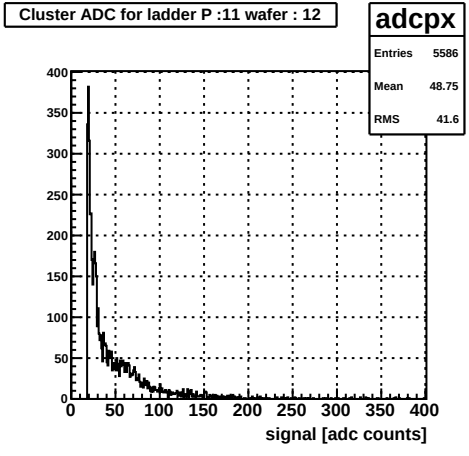

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 3167
Mean 82.51
RMS 60.81
signal [adc counts]

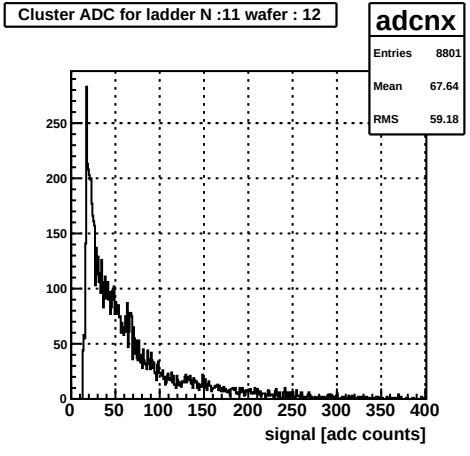

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 8349
Mean 50.55
RMS 47.74
signal [adc counts]

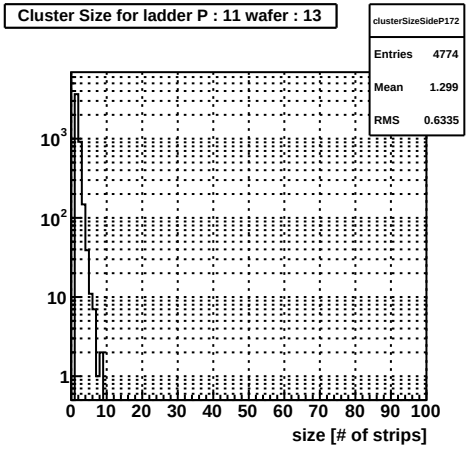

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 5586
Mean 1.378
RMS 0.8069
size [# of strips]

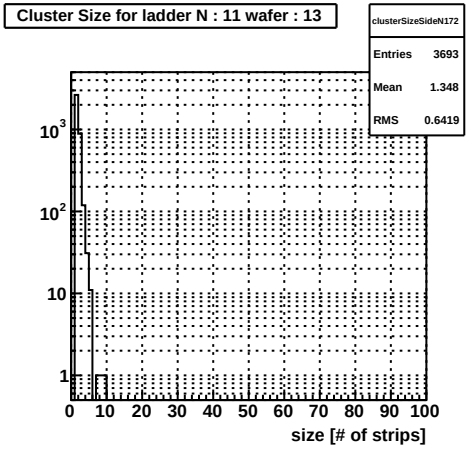

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 8801
Mean 2.279
RMS 1.841
size [# of strips]

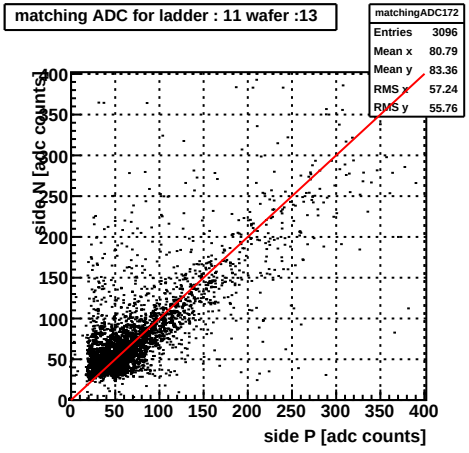

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1354
Mean x 68.55
Mean y 62.85
RMS x 55.7
RMS y 59.54
side N [adc counts]
side P [adc counts]

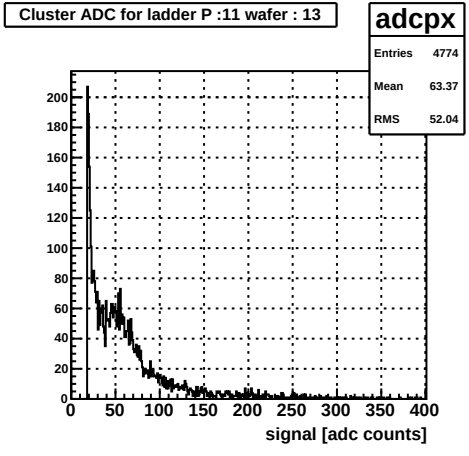

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 5586
Mean 48.75
RMS 41.6
signal [adc counts]

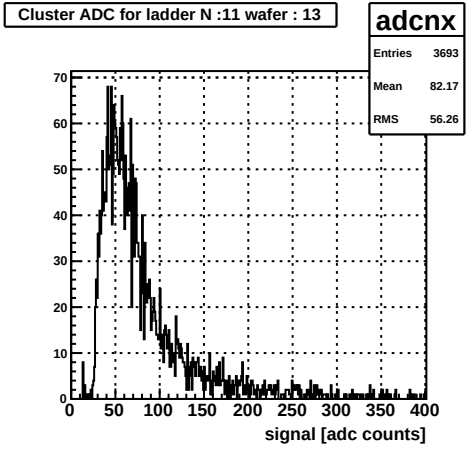

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 8801
Mean 67.64
RMS 59.18
signal [adc counts]

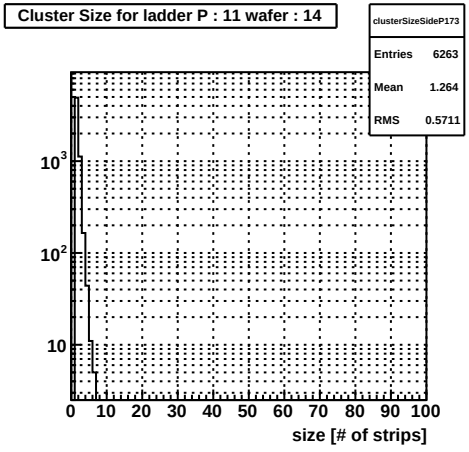

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4774
Mean 1.299
RMS 0.6335
size [# of strips]

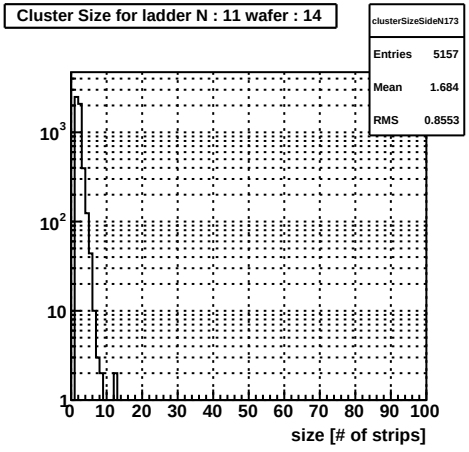

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 3693
Mean 1.348
RMS 0.6419
size [# of strips]

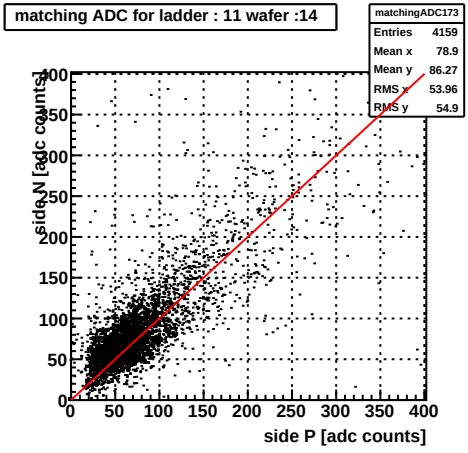

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 3096
Mean x 80.79
Mean y 83.36
RMS x 57.24
RMS y 55.76
side N [adc counts]
side P [adc counts]

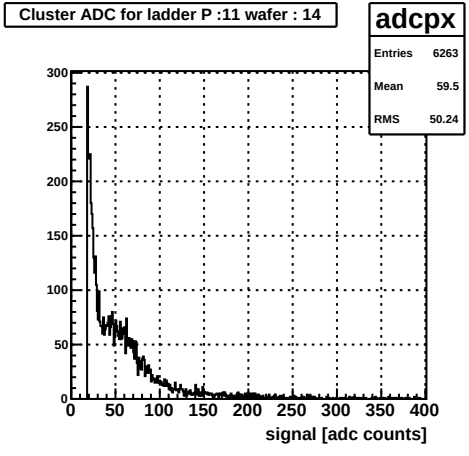

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4774
Mean 63.37
RMS 52.04
signal [adc counts]

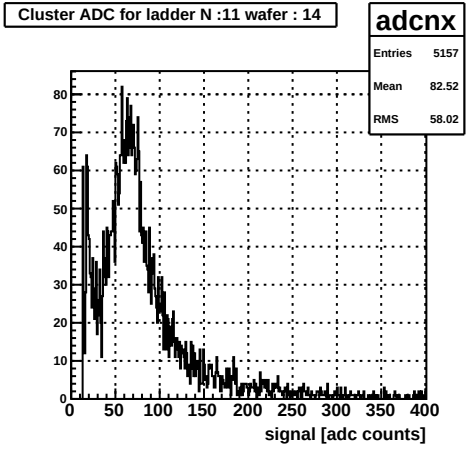

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 3693
Mean 82.17
RMS 56.26
signal [adc counts]

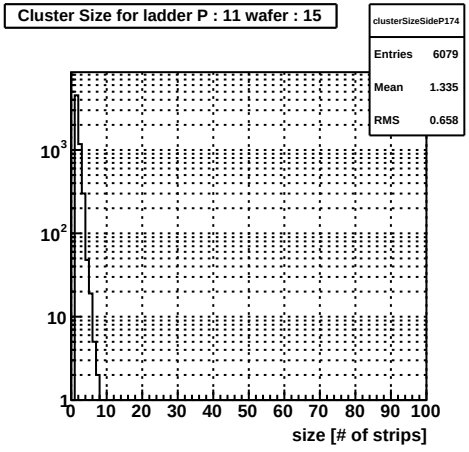

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 6263
Mean 1.264
RMS 0.5711
size [# of strips]

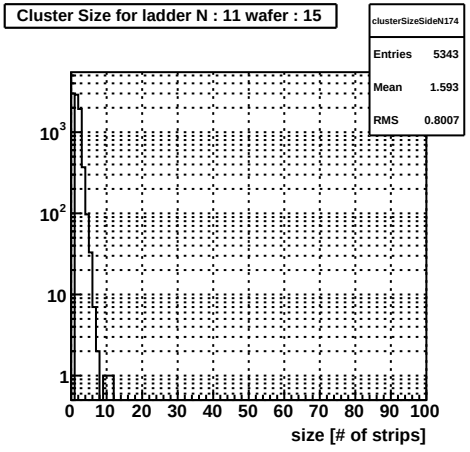

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 5157
Mean 1.684
RMS 0.8553
size [# of strips]

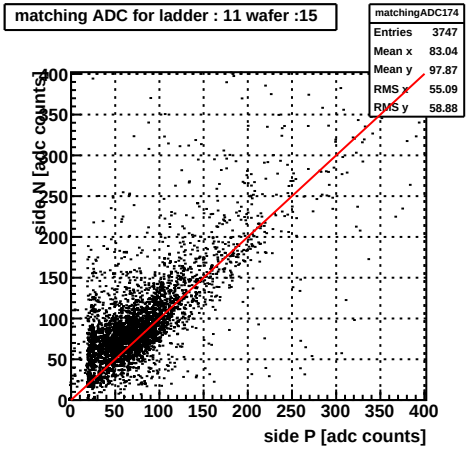

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 4159
Mean x 78.9
Mean y 86.27
RMS x 53.96
RMS y 54.9
side N [adc counts]
side P [adc counts]

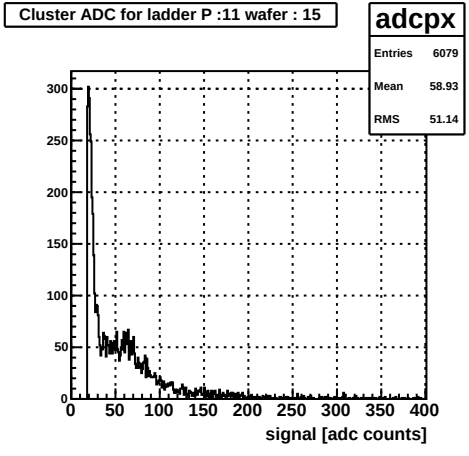

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 6263
Mean 59.5
RMS 50.24
signal [adc counts]

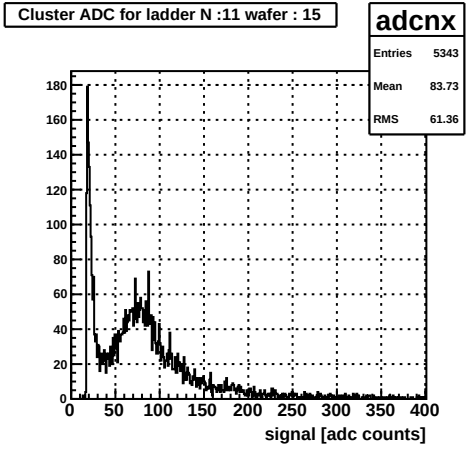

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 5157
Mean 82.52
RMS 58.02
signal [adc counts]

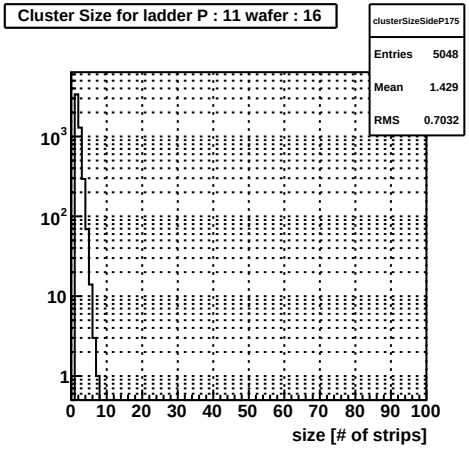

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 6079
Mean 1.335
RMS 0.658
size [# of strips]

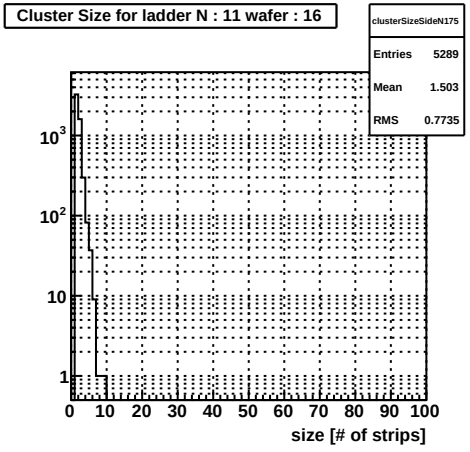

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 5343
Mean 1.593
RMS 0.8007
size [# of strips]

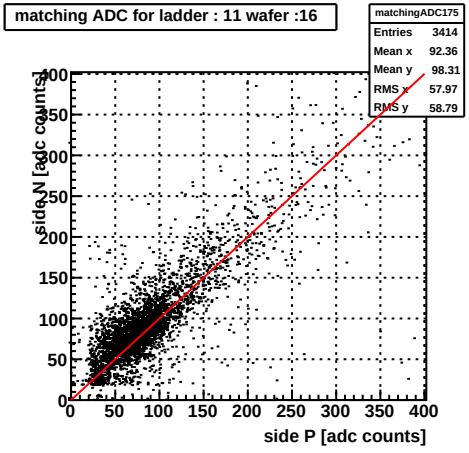

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 3747
Mean x 83.04
Mean y 97.87
RMS x 55.09
RMS y 58.88
side N [adc counts]
side P [adc counts]

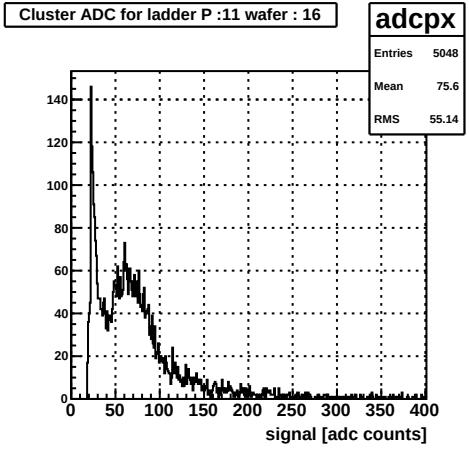

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 6079
Mean 58.93
RMS 51.14
signal [adc counts]

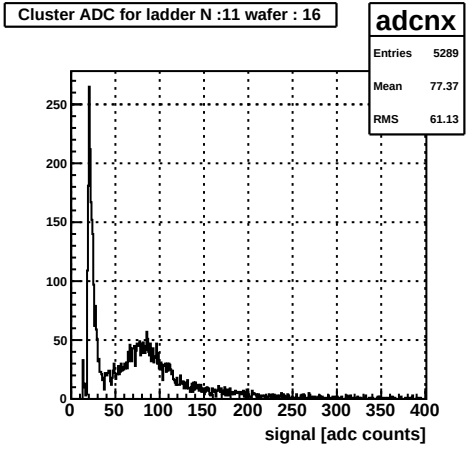

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 5343
Mean 83.73
RMS 61.36
signal [adc counts]

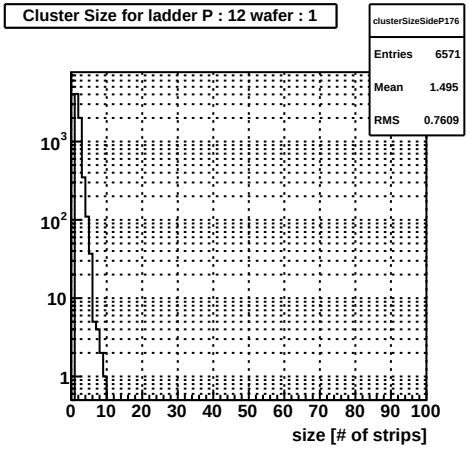

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 5048
Mean 1.429
RMS 0.7032
size [# of strips]

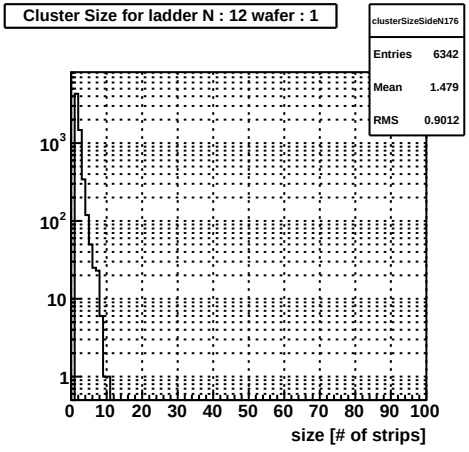

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 5289
Mean 1.503
RMS 0.7735
size [# of strips]

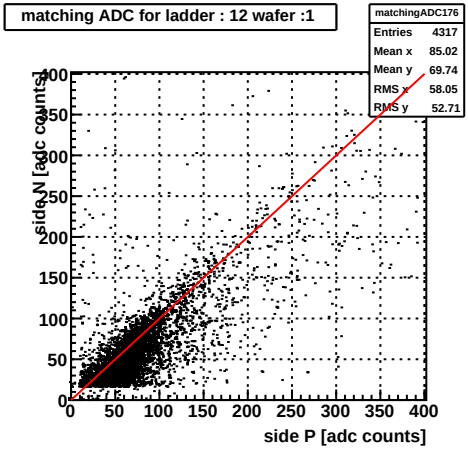

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 3414
Mean x 92.36
Mean y 98.31
RMS x 57.97
RMS y 58.79
side N [adc counts]
side P [adc counts]

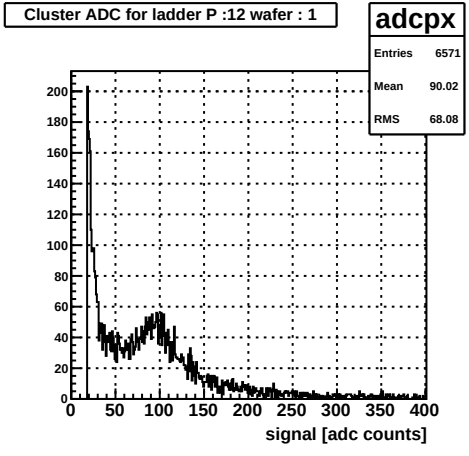

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 5048
Mean 75.6
RMS 55.14
signal [adc counts]

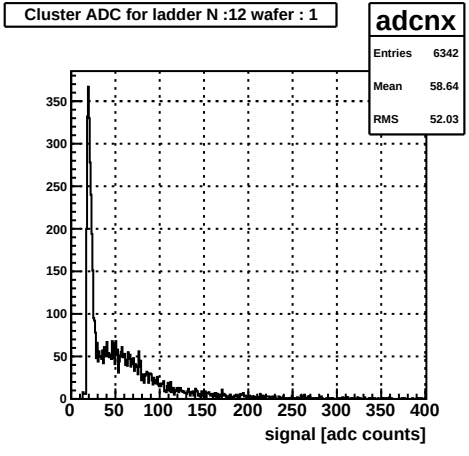

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 5289
Mean 77.37
RMS 61.13
signal [adc counts]

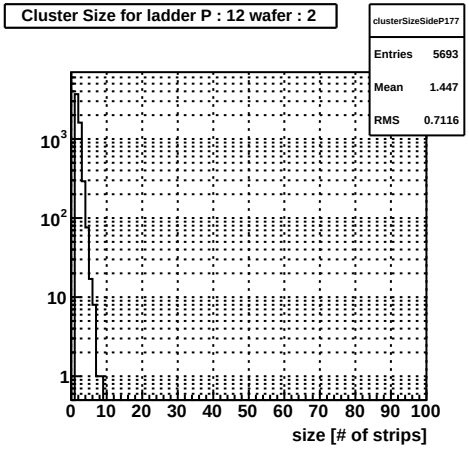

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 6571
Mean 1.495
RMS 0.7609
size [# of strips]

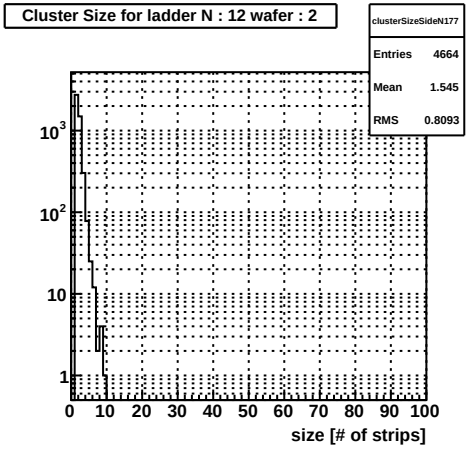

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 6342
Mean 1.479
RMS 0.9012
size [# of strips]

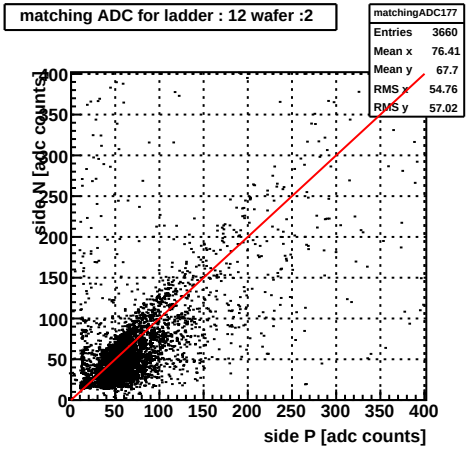

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 4317
Mean x 85.02
Mean y 69.74
RMS x 58.05
RMS y 52.71
side N [adc counts]
side P [adc counts]

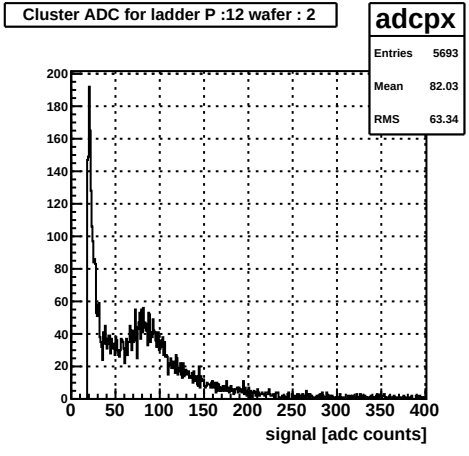

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 6571
Mean 90.02
RMS 68.08
signal [adc counts]

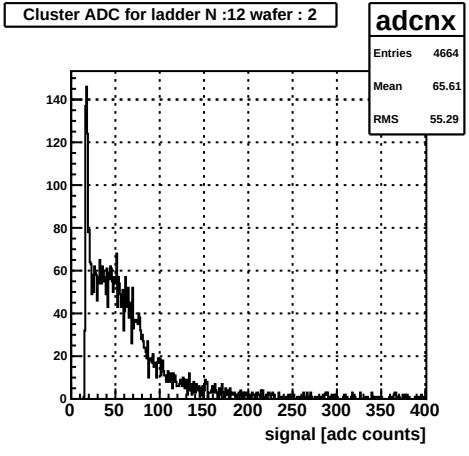

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 6342
Mean 58.64
RMS 52.03
signal [adc counts]

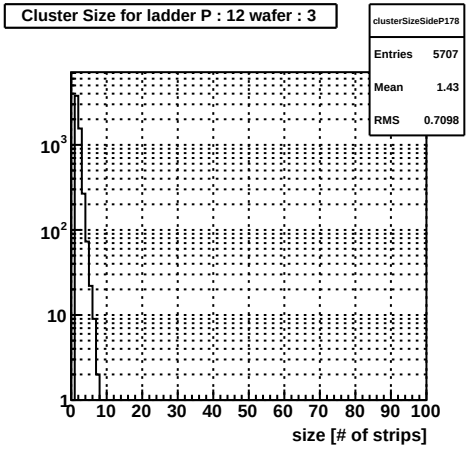

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 5693
Mean 1.447
RMS 0.7116
size [# of strips]

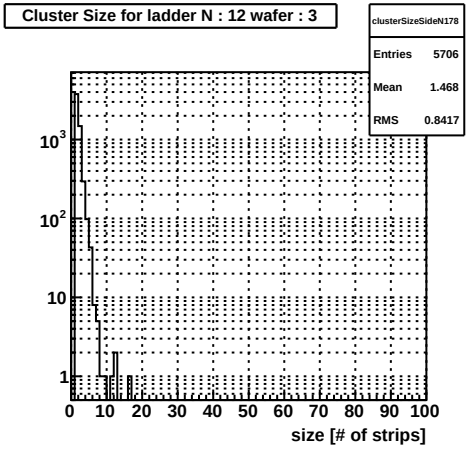

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4664
Mean 1.545
RMS 0.8093
size [# of strips]

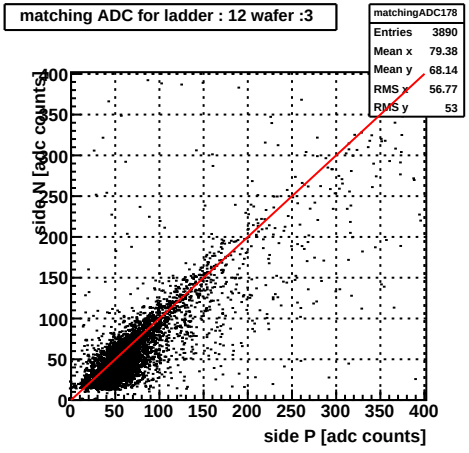

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 3660
Mean x 76.41
Mean y 67.7
RMS x 54.76
RMS y 57.02
side N [adc counts]
side P [adc counts]

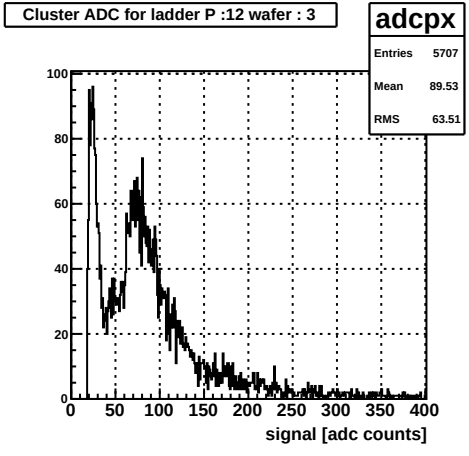

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 5693
Mean 82.03
RMS 63.34
signal [adc counts]

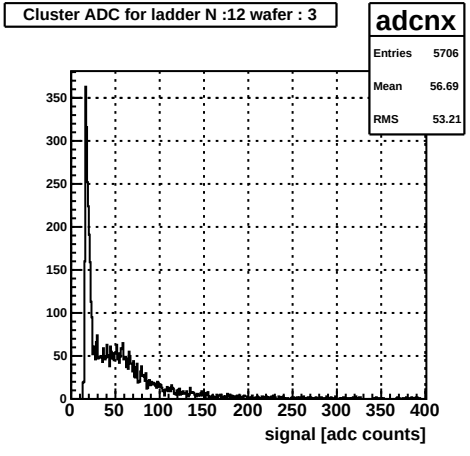

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4664
Mean 65.61
RMS 55.29
signal [adc counts]

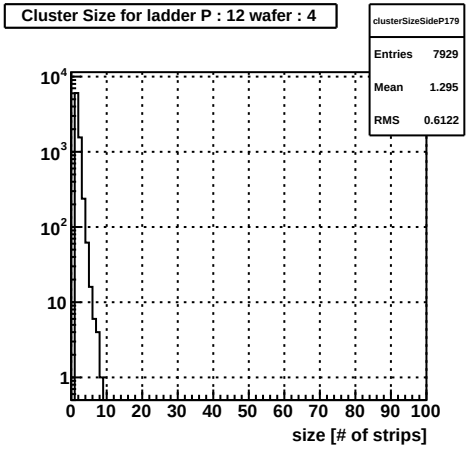

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 5707
Mean 1.43
RMS 0.7098
size [# of strips]

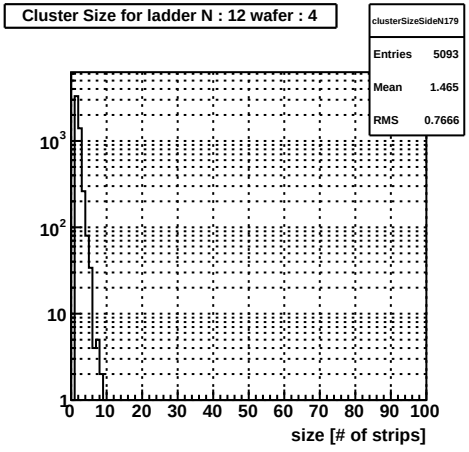

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 5706
Mean 1.468
RMS 0.8417
size [# of strips]

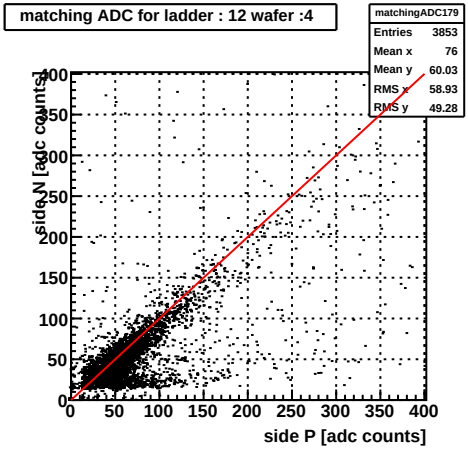

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 3890
Mean x 79.38
Mean y 68.14
RMS x 56.77
RMS y 53
side N [adc counts]
side P [adc counts]

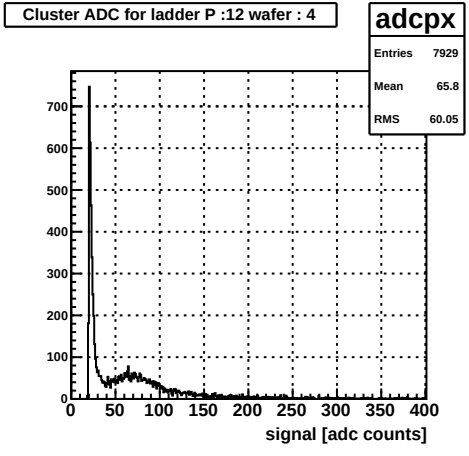

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 5707
Mean 89.53
RMS 63.51
signal [adc counts]

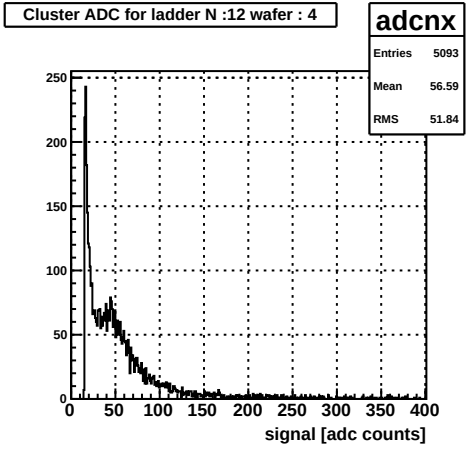

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 5706
Mean 56.69
RMS 53.21
signal [adc counts]

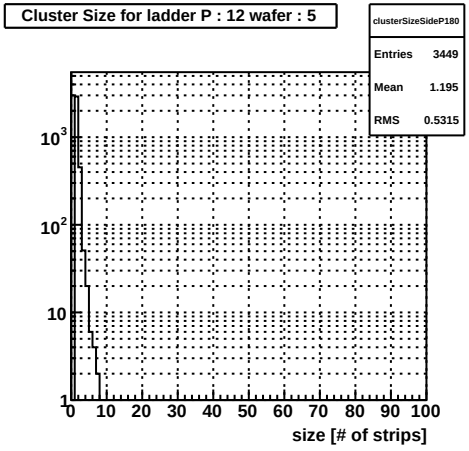

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 7929
Mean 1.295
RMS 0.6122
size [# of strips]

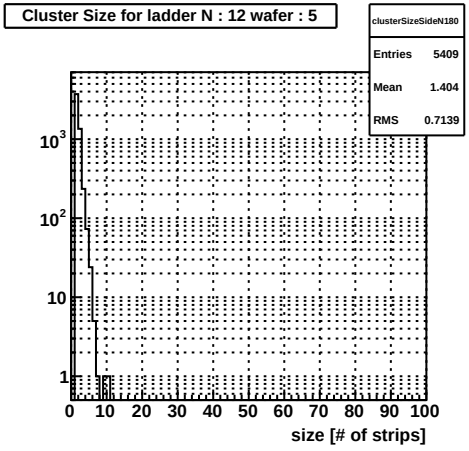

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5093
Mean 1.465
RMS 0.7666
size [# of strips]

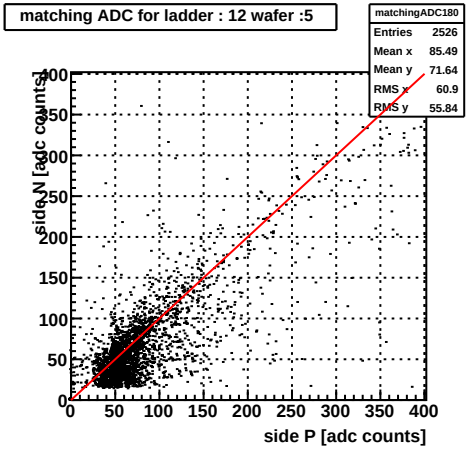

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 3853
Mean x 76
Mean y 60.03
RMS x 58.93
RMS y 49.28
side N [adc counts]
side P [adc counts]

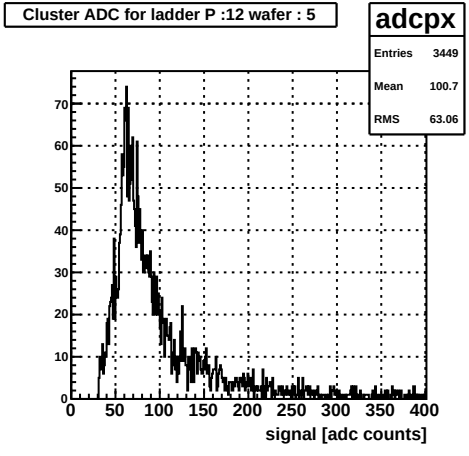

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 7929
Mean 65.8
RMS 60.05
signal [adc counts]

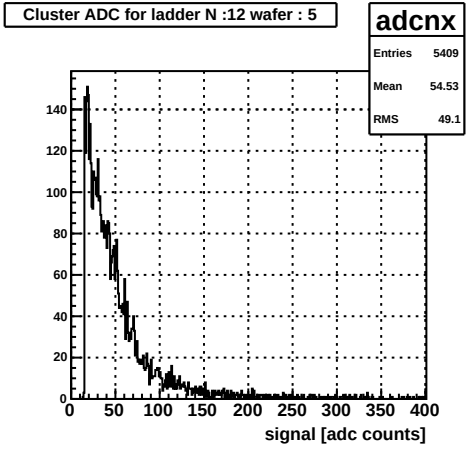

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5093
Mean 56.59
RMS 51.84
signal [adc counts]

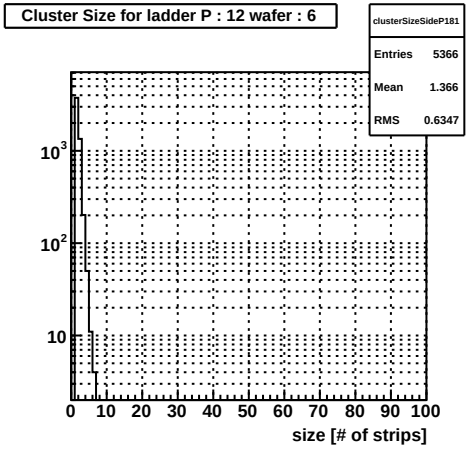

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 3449
Mean 1.195
RMS 0.5315
size [# of strips]

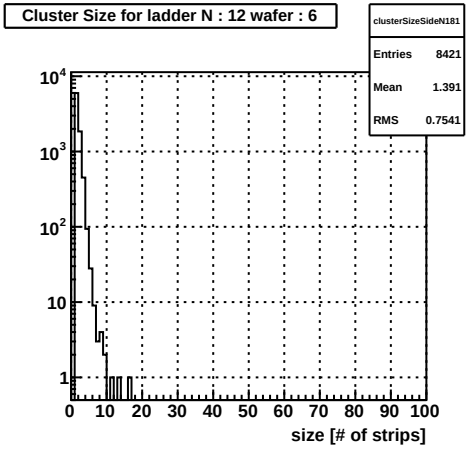

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5409
Mean 1.404
RMS 0.7139
size [# of strips]

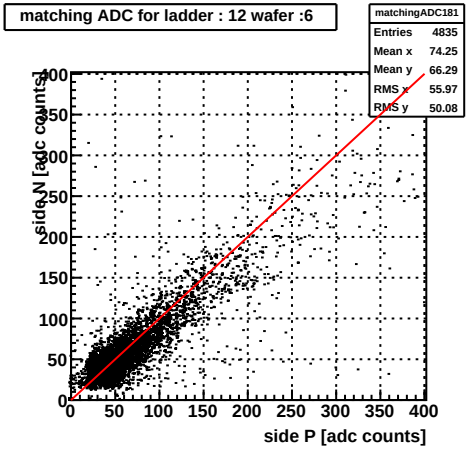

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 2526
Mean x 85.49
Mean y 71.64
RMS x 60.9
RMS y 55.84
side N [adc counts]
side P [adc counts]

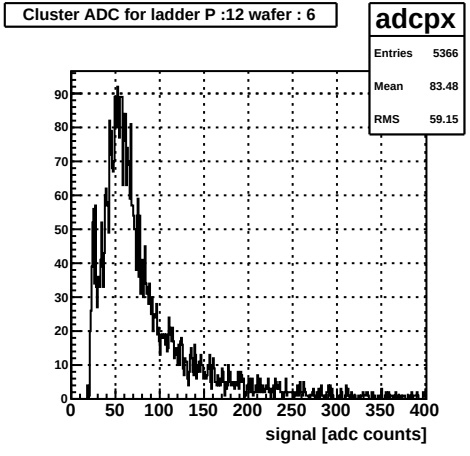

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 3449
Mean 100.7
RMS 63.06
signal [adc counts]

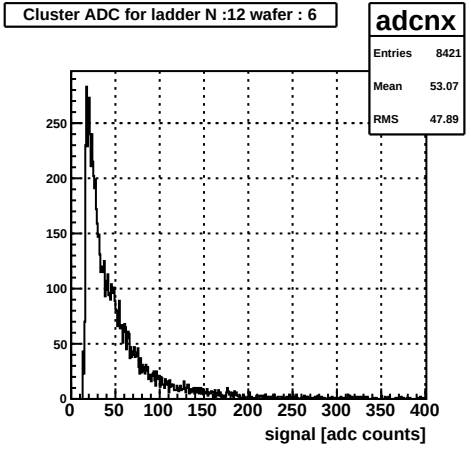

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5409
Mean 54.53
RMS 49.1
signal [adc counts]

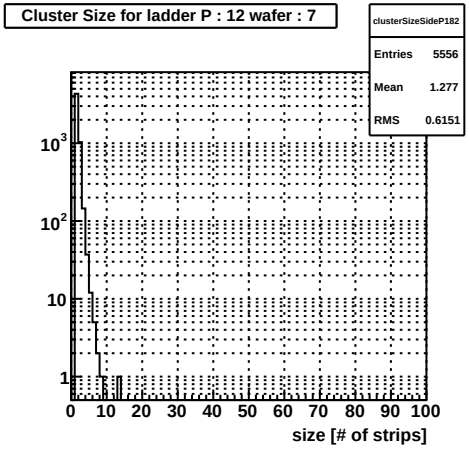

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 5366
Mean 1.366
RMS 0.6347
size [# of strips]

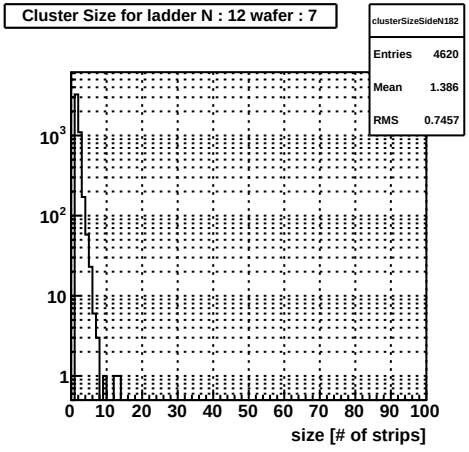

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 8421
Mean 1.391
RMS 0.7541
size [# of strips]

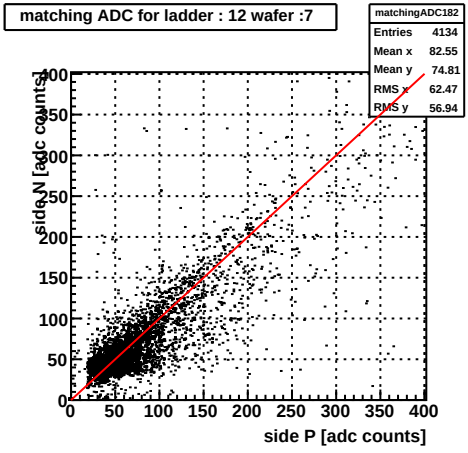

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 4835
Mean x 74.25
Mean y 66.29
RMS x 55.97
RMS y 50.08
side N [adc counts]
side P [adc counts]

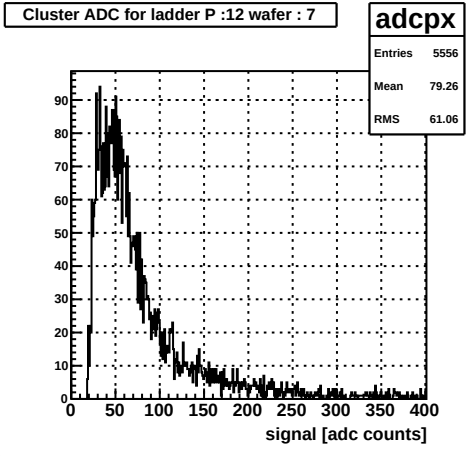

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 5366
Mean 83.48
RMS 59.15
signal [adc counts]

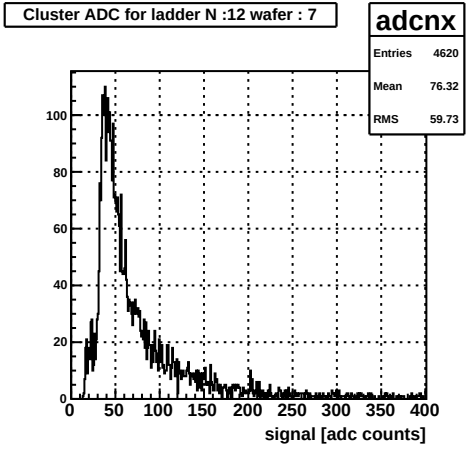

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 8421
Mean 53.07
RMS 47.89
signal [adc counts]

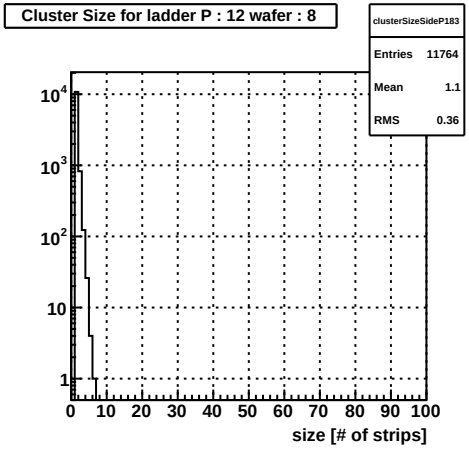

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 5556
Mean 1.277
RMS 0.6151
size [# of strips]

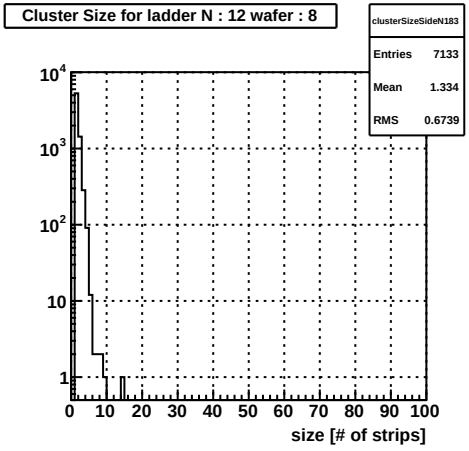

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 4620
Mean 1.386
RMS 0.7457
size [# of strips]

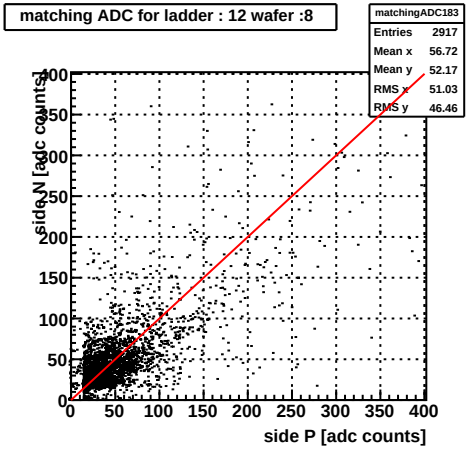

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 4134
Mean x 82.55
Mean y 74.81
RMS x 62.47
RMS y 56.94
side N [adc counts]
side P [adc counts]

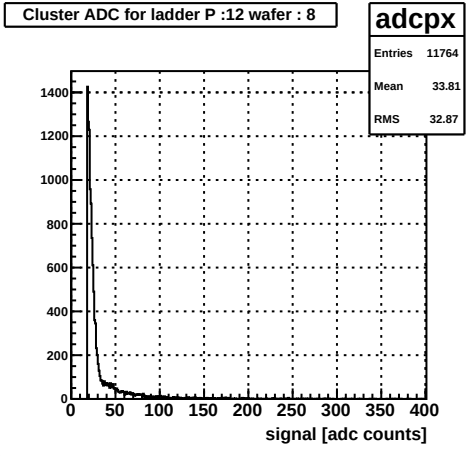

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 5556
Mean 79.26
RMS 61.06
signal [adc counts]

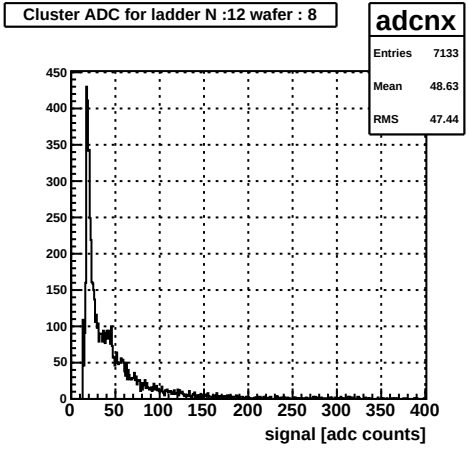

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 4620
Mean 76.32
RMS 59.73
signal [adc counts]

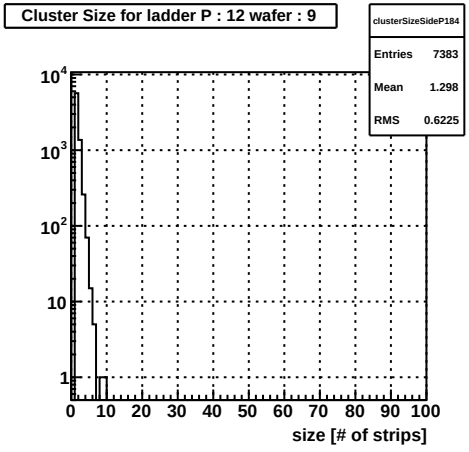

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 11764
Mean 1.1
RMS 0.36
size [# of strips]

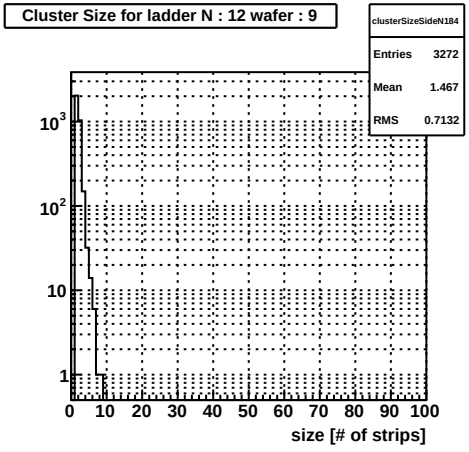

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 7133
Mean 1.334
RMS 0.6739
size [# of strips]

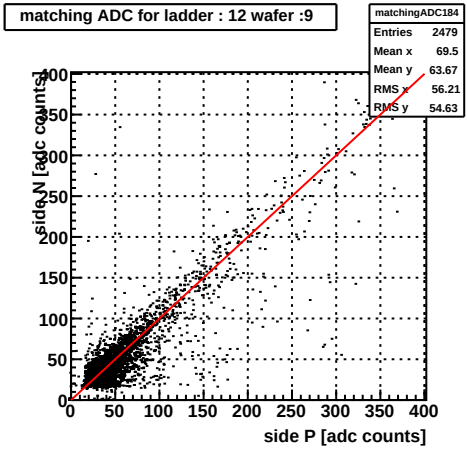

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 2917
Mean x 56.72
Mean y 52.17
RMS x 51.03
RMS y 46.46
side N [adc counts]
side P [adc counts]

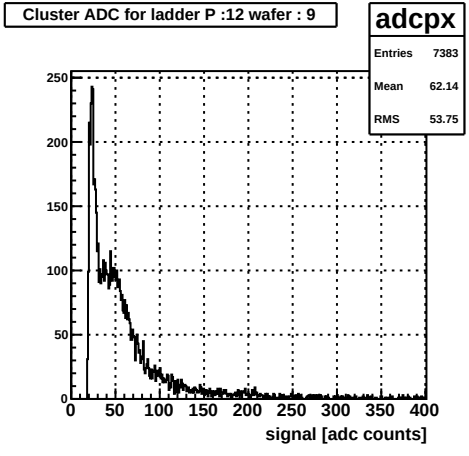

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 11764
Mean 33.81
RMS 32.87
signal [adc counts]

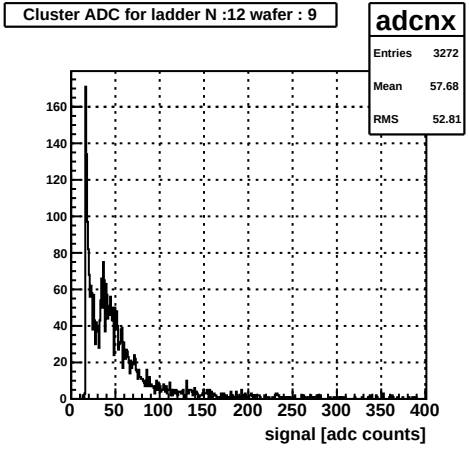

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 7133
Mean 48.63
RMS 47.44
signal [adc counts]

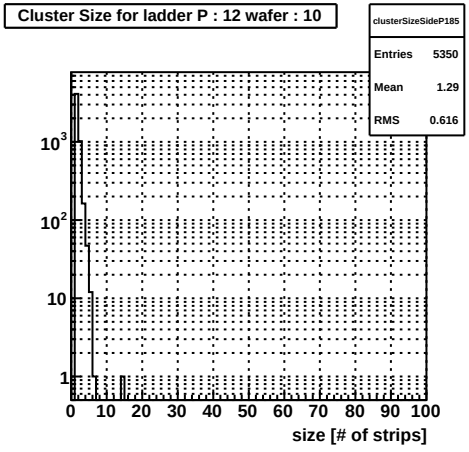

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 7383
Mean 1.298
RMS 0.6225
size [# of strips]

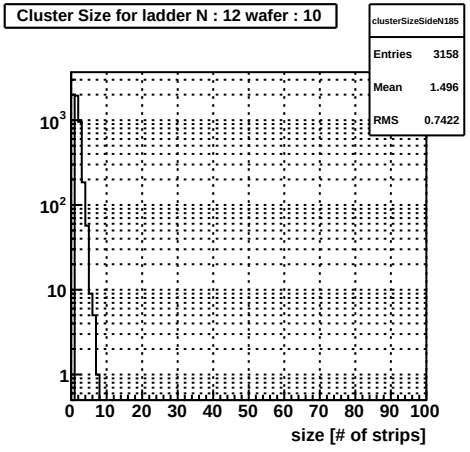

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3272
Mean 1.467
RMS 0.7132
size [# of strips]

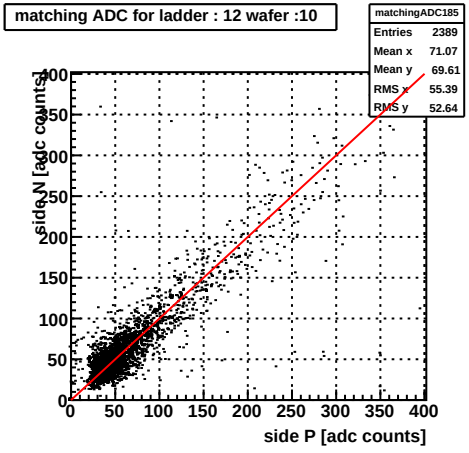

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 2479
Mean x 69.5
Mean y 63.67
RMS x 56.21
RMS y 54.63
side N [adc counts]
side P [adc counts]

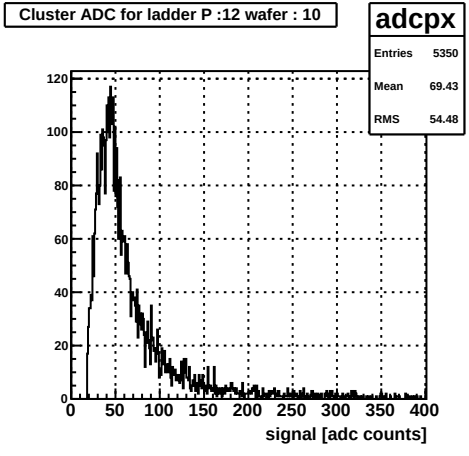

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 7383
Mean 62.14
RMS 53.75
signal [adc counts]

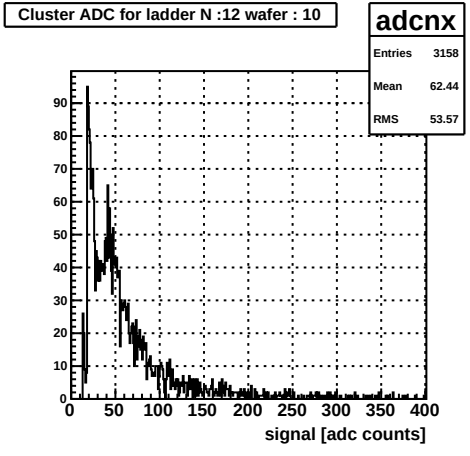

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3272
Mean 57.68
RMS 52.81
signal [adc counts]

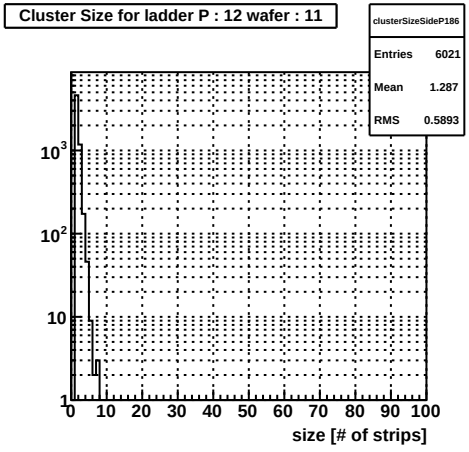

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 5350
Mean 1.29
RMS 0.616
size [# of strips]

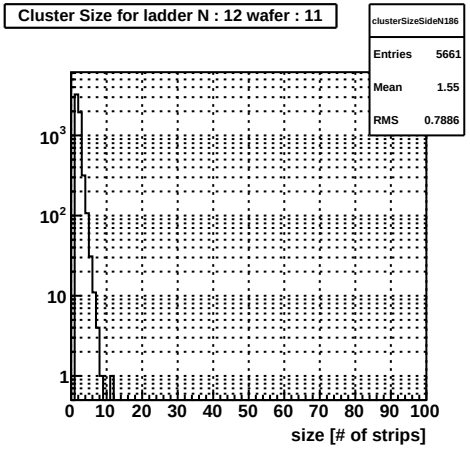

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3158
Mean 1.496
RMS 0.7422
size [# of strips]

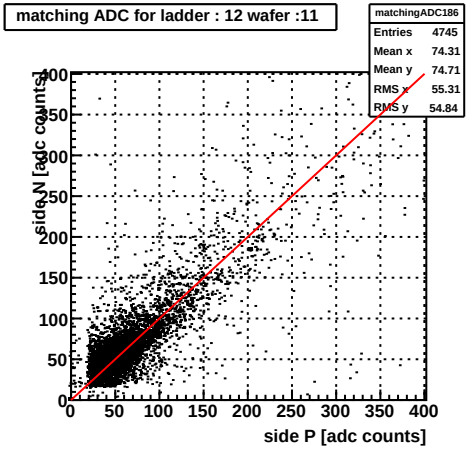

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 2389
Mean x 71.07
Mean y 69.61
RMS x 55.39
RMS y 52.64
side N [adc counts]
side P [adc counts]

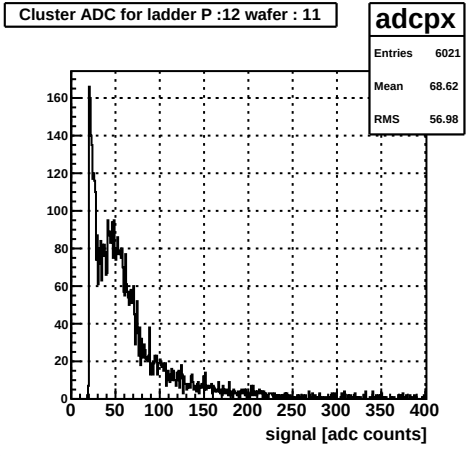

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 5350
Mean 69.43
RMS 54.48
signal [adc counts]

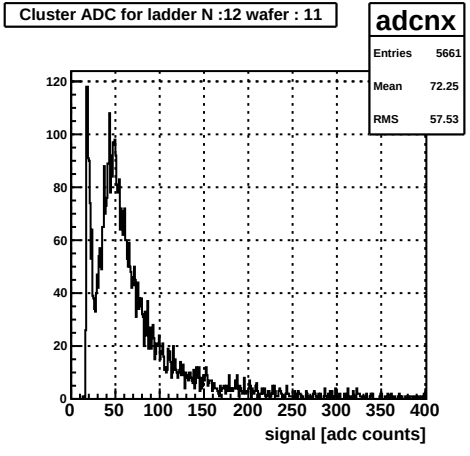

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3158
Mean 62.44
RMS 53.57
signal [adc counts]

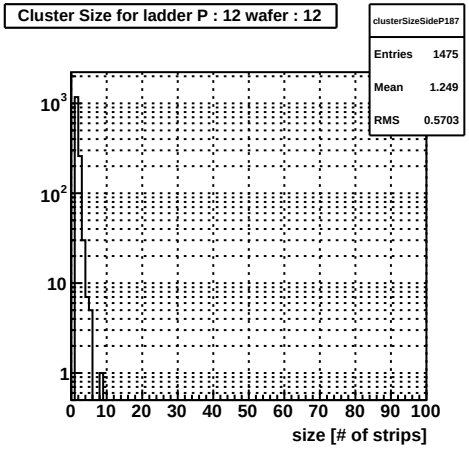

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 6021
Mean 1.287
RMS 0.5893
size [# of strips]

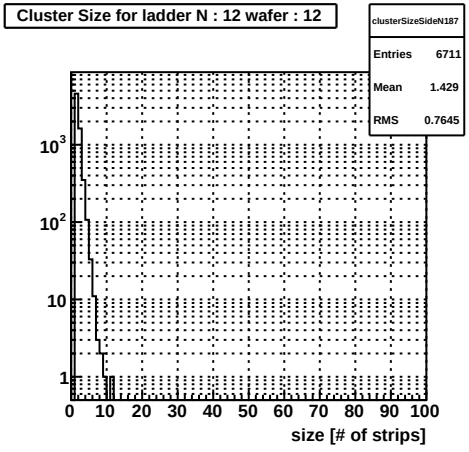

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 5661
Mean 1.55
RMS 0.7886
size [# of strips]

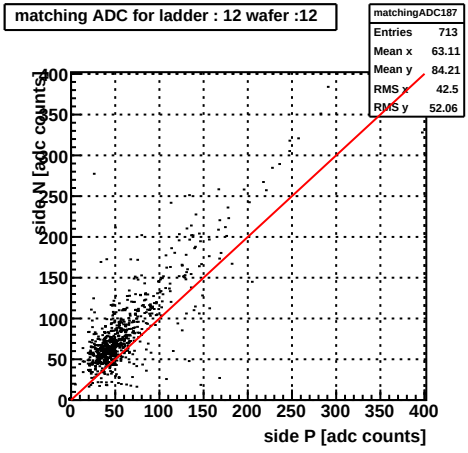

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 4745
Mean x 74.31
Mean y 74.71
RMS x 55.31
RMS y 54.84
side N [adc counts]
side P [adc counts]

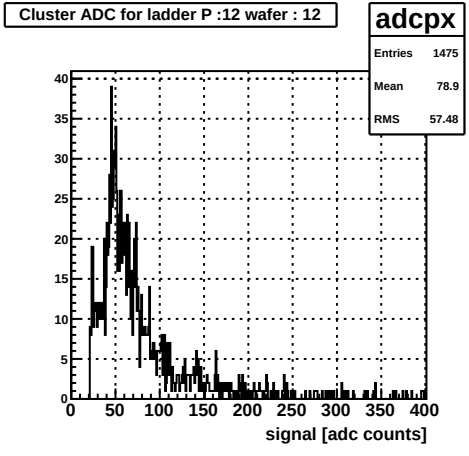

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 6021
Mean 68.62
RMS 56.98
signal [adc counts]

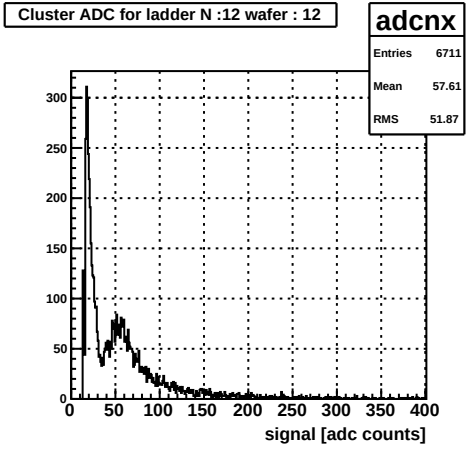

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 5661
Mean 72.25
RMS 57.53
signal [adc counts]

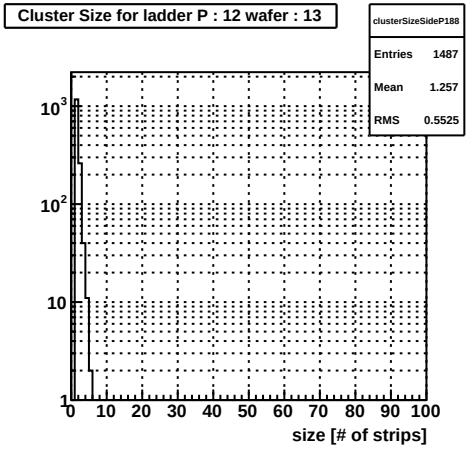

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1475
Mean 1.249
RMS 0.5703
size [# of strips]

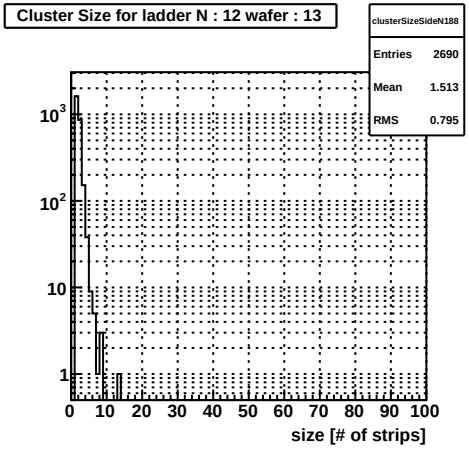

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 6711
Mean 1.429
RMS 0.7645
size [# of strips]

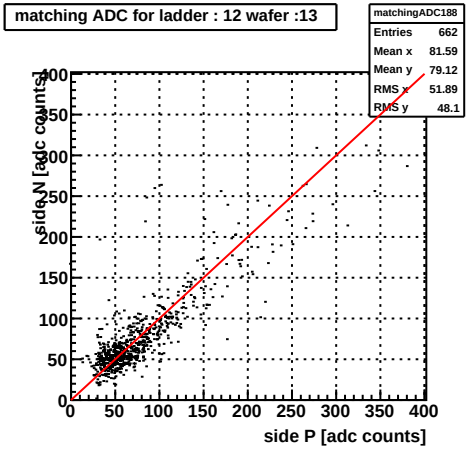

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 713
Mean x 63.11
Mean y 84.21
RMS x 42.5
RMS y 52.06
side N [adc counts]
side P [adc counts]

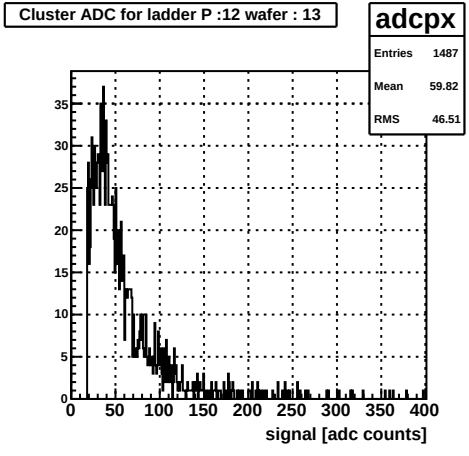

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1475
Mean 78.9
RMS 57.48
signal [adc counts]

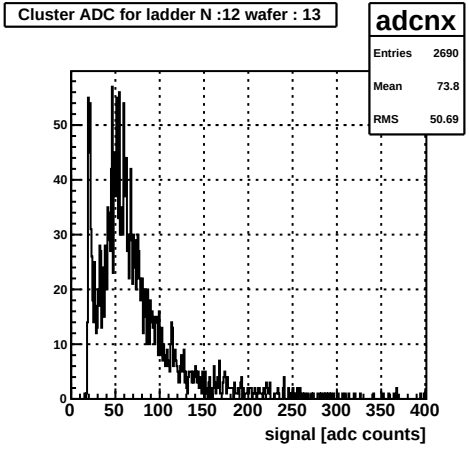

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 6711
Mean 57.61
RMS 51.87
signal [adc counts]

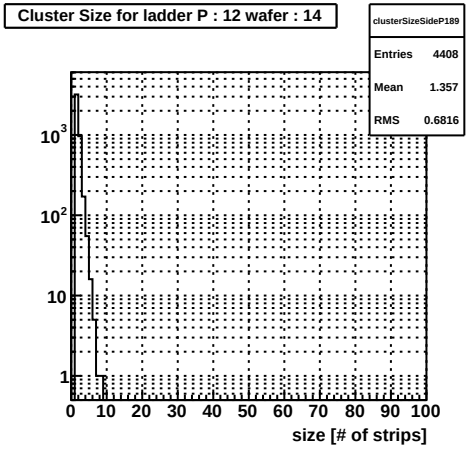

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 1487
Mean 1.257
RMS 0.5525
size [# of strips]

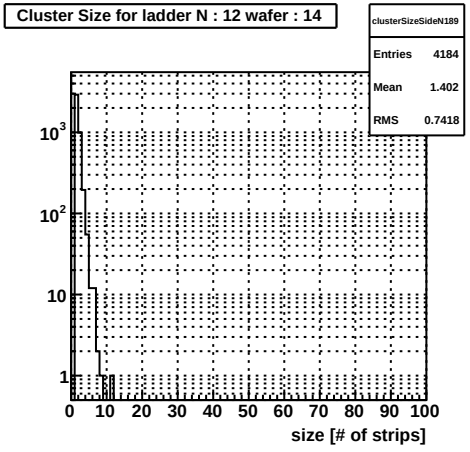

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 2690
Mean 1.513
RMS 0.795
size [# of strips]

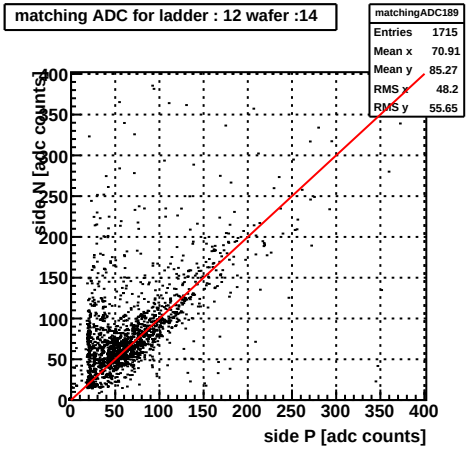

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 662
Mean x 81.59
Mean y 79.12
RMS x 51.89
RMS y 48.1
side N [adc counts]
side P [adc counts]

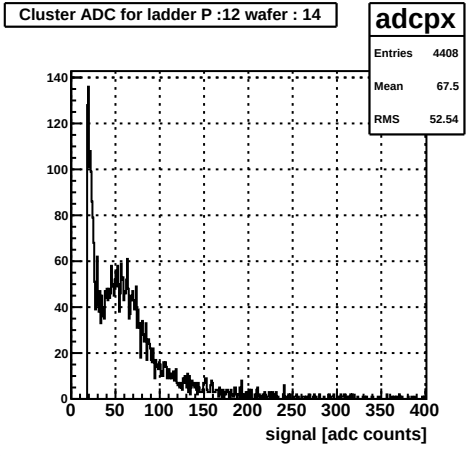

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 1487
Mean 59.82
RMS 46.51
signal [adc counts]

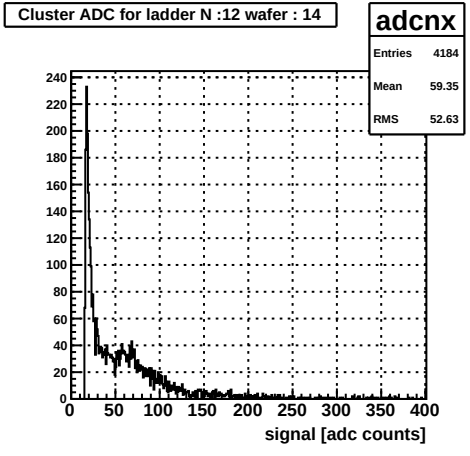

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 2690
Mean 73.8
RMS 50.69
signal [adc counts]

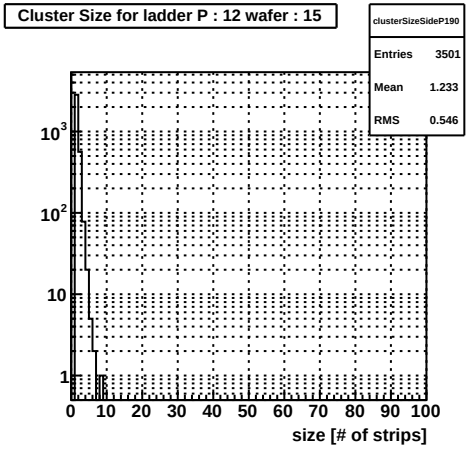

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 4408
Mean 1.357
RMS 0.6816
size [# of strips]

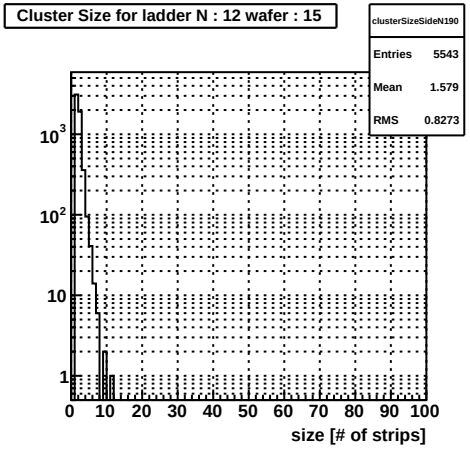

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 4184
Mean 1.402
RMS 0.7418
size [# of strips]

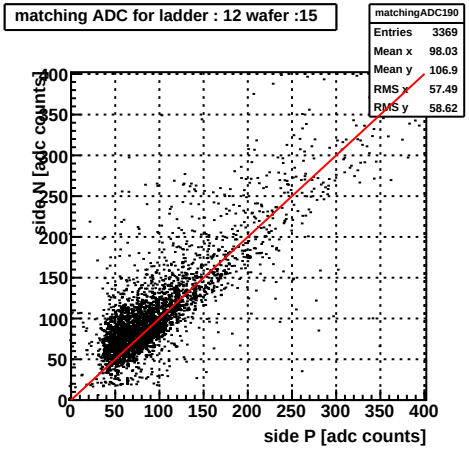

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 1715
Mean x 70.91
Mean y 85.27
RMS x 48.2
RMS y 55.65
side N [adc counts]
side P [adc counts]

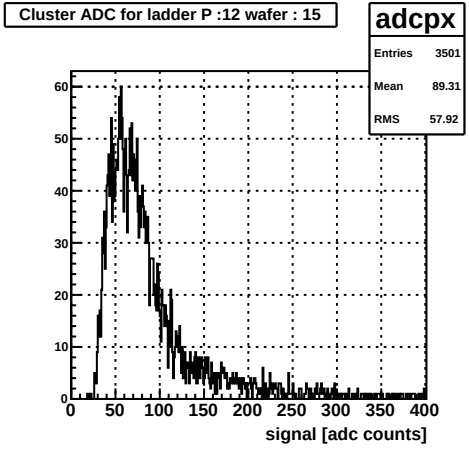

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 4408
Mean 67.5
RMS 52.54
signal [adc counts]

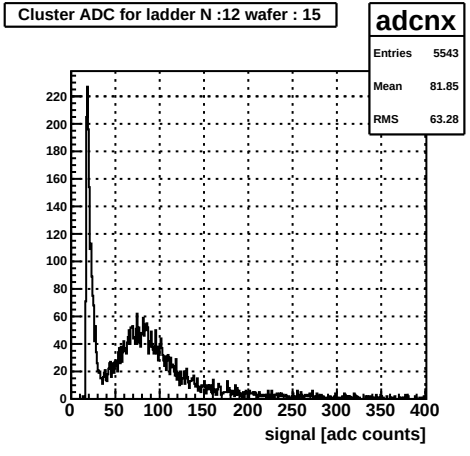

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 4184
Mean 59.35
RMS 52.63
signal [adc counts]

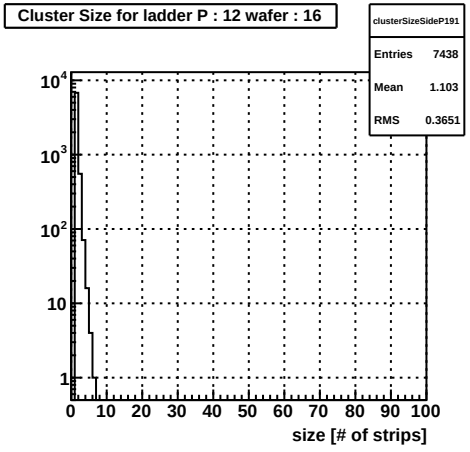

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 3501
Mean 1.233
RMS 0.546
size [# of strips]

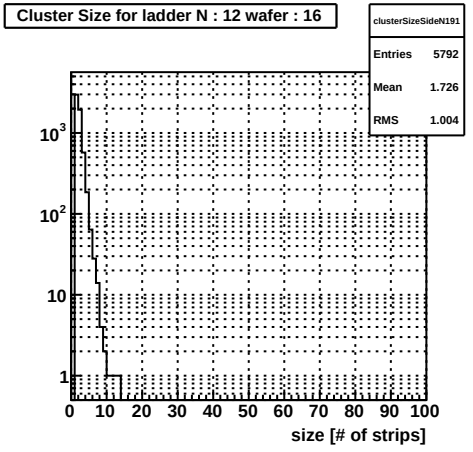

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 5543
Mean 1.579
RMS 0.8273
size [# of strips]

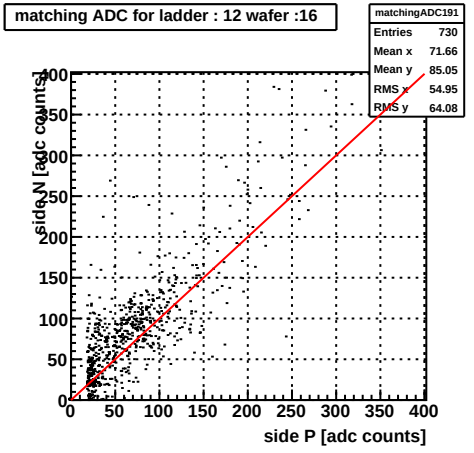

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 3369
Mean x 98.03
Mean y 106.9
RMS x 57.49
RMS y 58.62
side N [adc counts]
side P [adc counts]

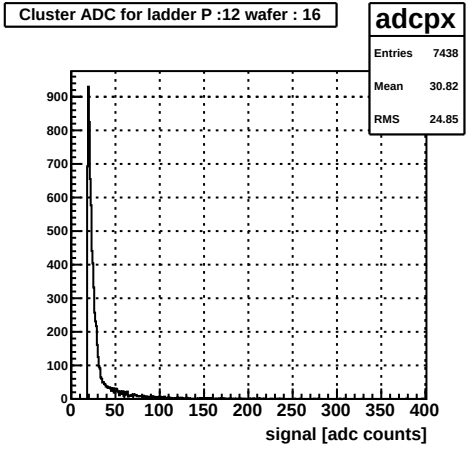

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 3501
Mean 89.31
RMS 57.92
signal [adc counts]

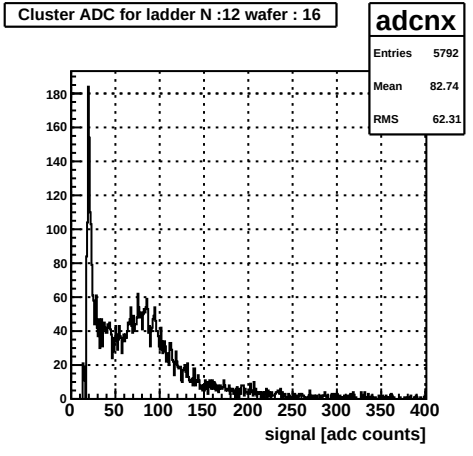

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 5543
Mean 81.85
RMS 63.28
signal [adc counts]

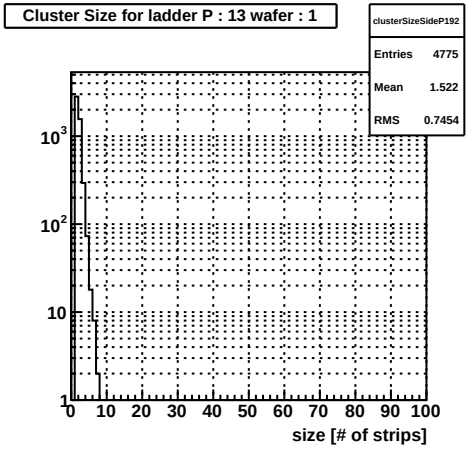

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 7438
Mean 1.103
RMS 0.3651
size [# of strips]

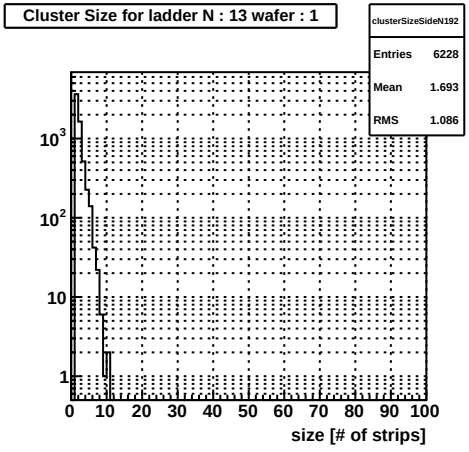

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 5792
Mean 1.726
RMS 1.004
size [# of strips]

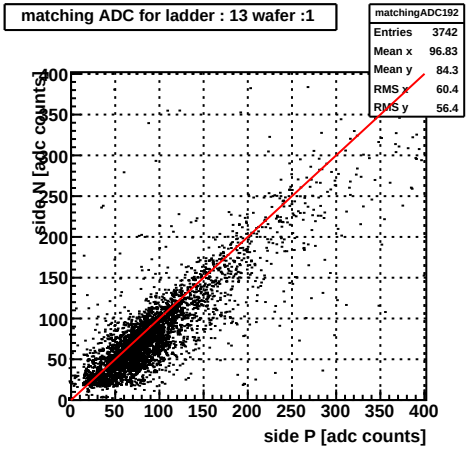

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 730
Mean x 71.66
Mean y 85.05
RMS x 54.95
RMS y 64.08
side N [adc counts]
side P [adc counts]

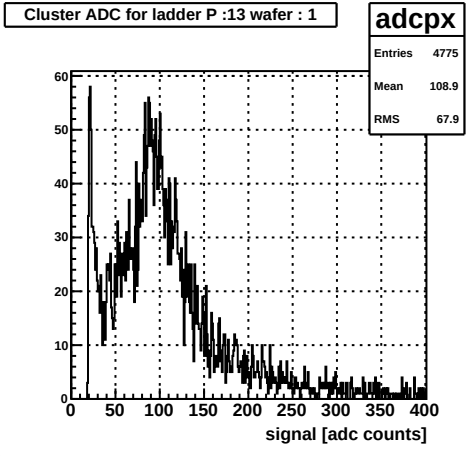

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 7438
Mean 30.82
RMS 24.85
signal [adc counts]

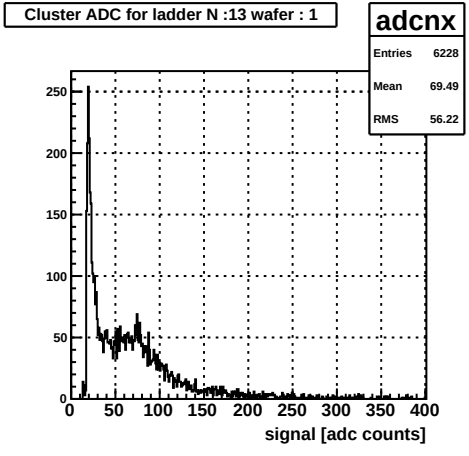

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 5792
Mean 82.74
RMS 62.31
signal [adc counts]

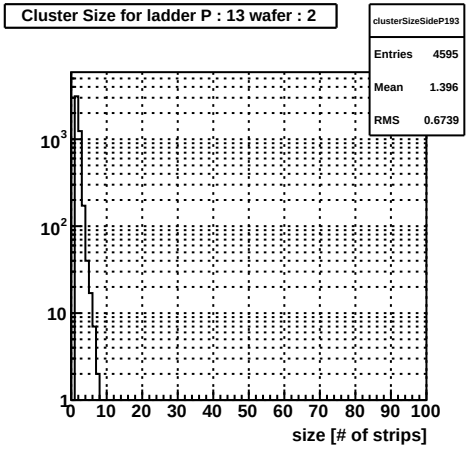

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 4775
Mean 1.522
RMS 0.7454
size [# of strips]

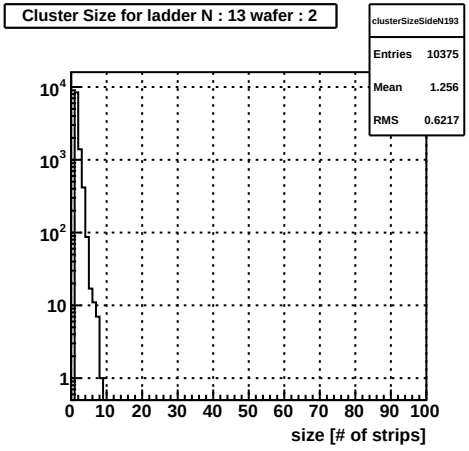

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 6228
Mean 1.693
RMS 1.086
size [# of strips]

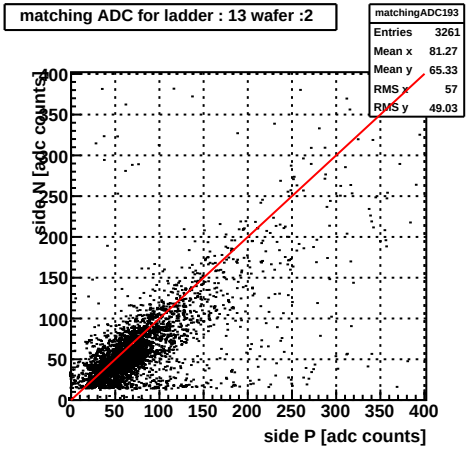

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 3742
Mean x 96.83
Mean y 84.3
RMS x 60.4
RMS y 56.4
side N [adc counts]
side P [adc counts]

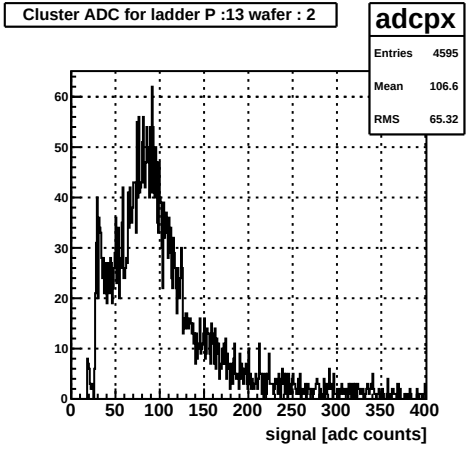

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 4775
Mean 108.9
RMS 67.9
signal [adc counts]

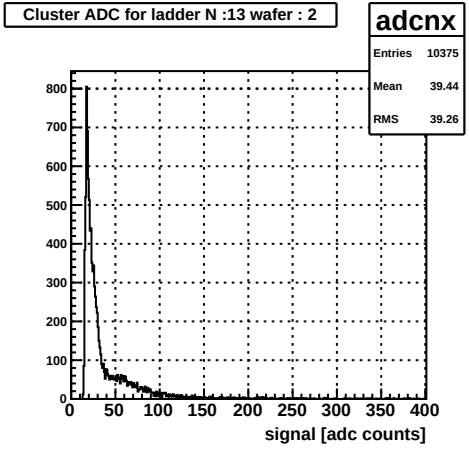

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 6228
Mean 69.49
RMS 56.22
signal [adc counts]

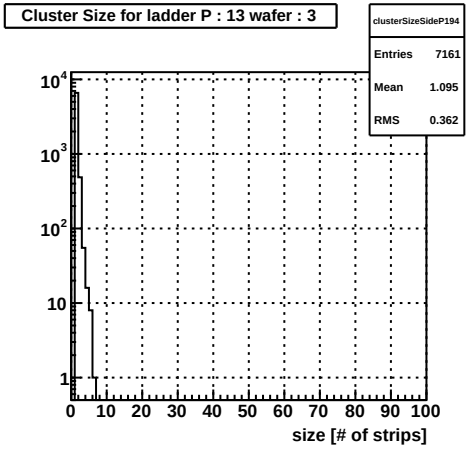

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 4595
Mean 1.396
RMS 0.6739
size [# of strips]

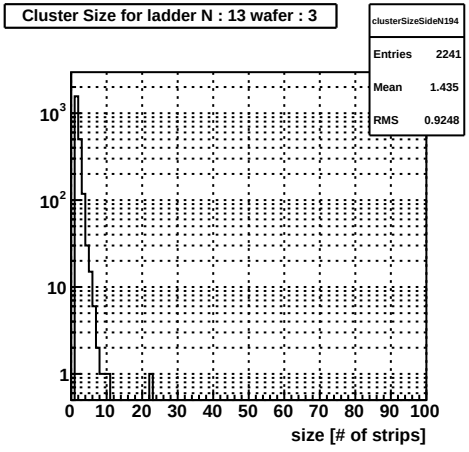

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 10375
Mean 1.256
RMS 0.6217
size [# of strips]

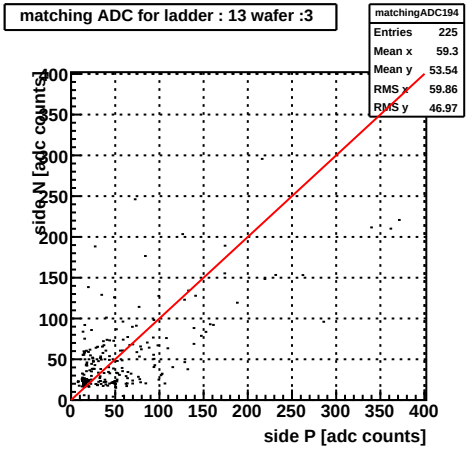

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 3261
Mean x 81.27
Mean y 65.33
RMS x 57
RMS y 49.03
side N [adc counts]
side P [adc counts]

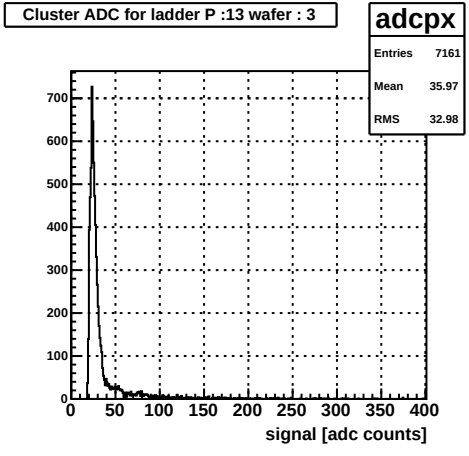

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 4595
Mean 106.6
RMS 65.32
signal [adc counts]

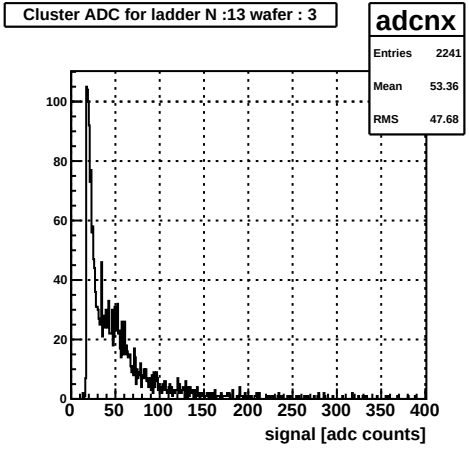

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 10375
Mean 39.44
RMS 39.26
signal [adc counts]

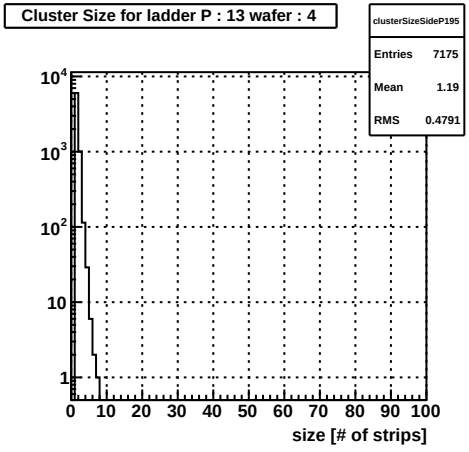

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 7161
Mean 1.095
RMS 0.362
size [# of strips]

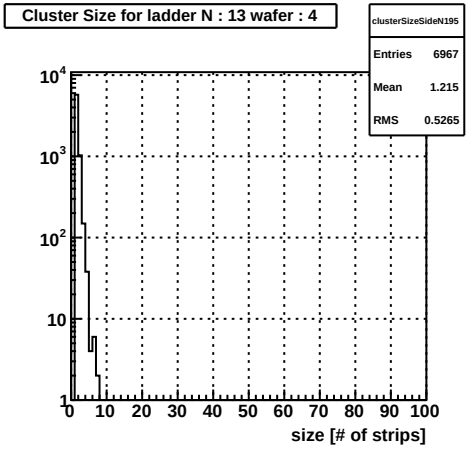

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2241
Mean 1.435
RMS 0.9248
size [# of strips]

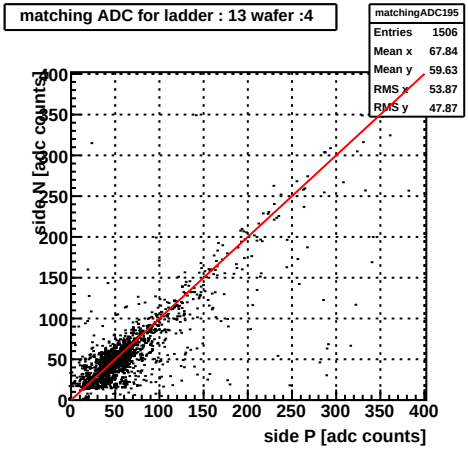

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 225
Mean x 59.3
Mean y 53.54
RMS x 59.86
RMS y 46.97
side N [adc counts]
side P [adc counts]

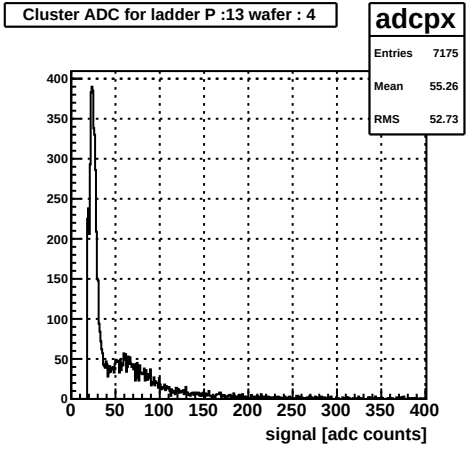

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 7161
Mean 35.97
RMS 32.98
signal [adc counts]

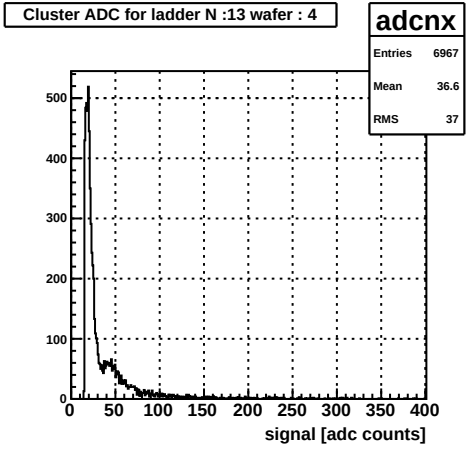

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2241
Mean 53.36
RMS 47.68
signal [adc counts]

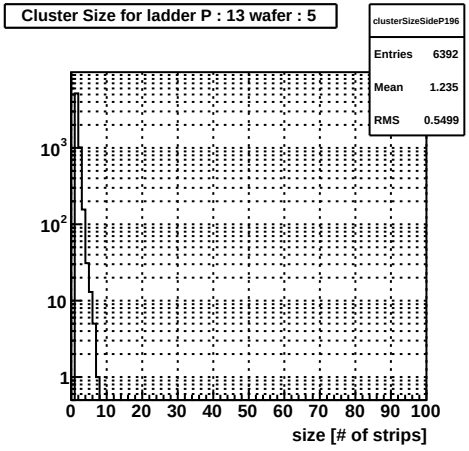

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7175
Mean 1.19
RMS 0.4791
size [# of strips]

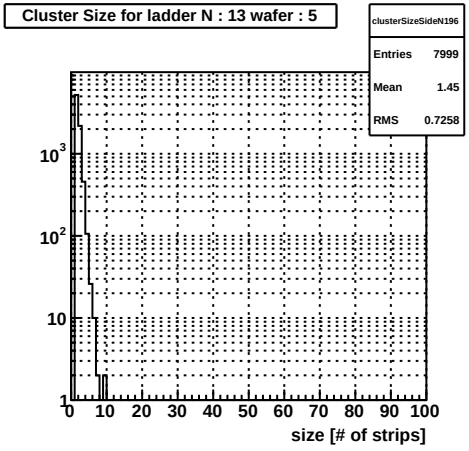

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 6967
Mean 1.215
RMS 0.5265
size [# of strips]

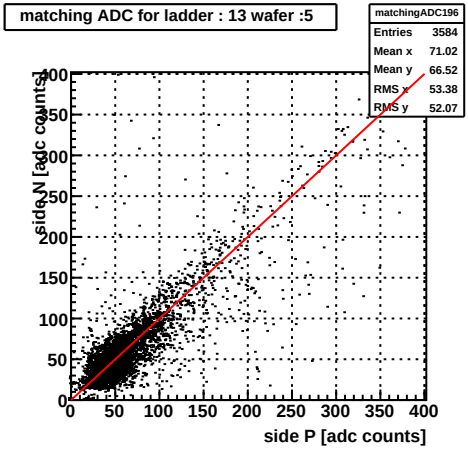

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 1506
Mean x 67.84
Mean y 59.63
RMS x 53.87
RMS y 47.87
side N [adc counts]
side P [adc counts]

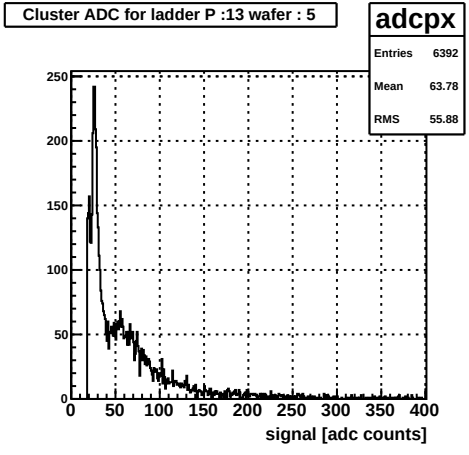

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7175
Mean 55.26
RMS 52.73
signal [adc counts]

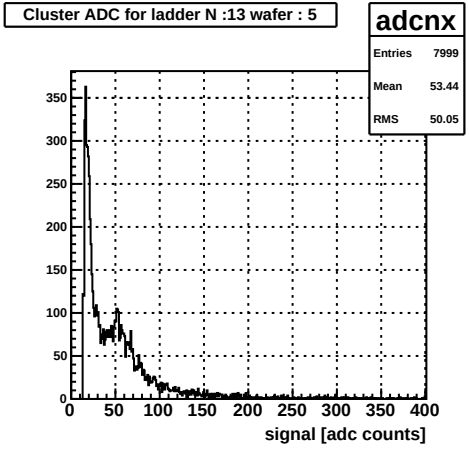

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 6967
Mean 36.6
RMS 37
signal [adc counts]

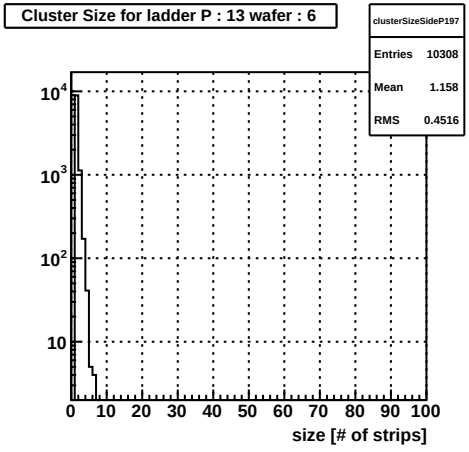

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6392
Mean 1.235
RMS 0.5499
size [# of strips]

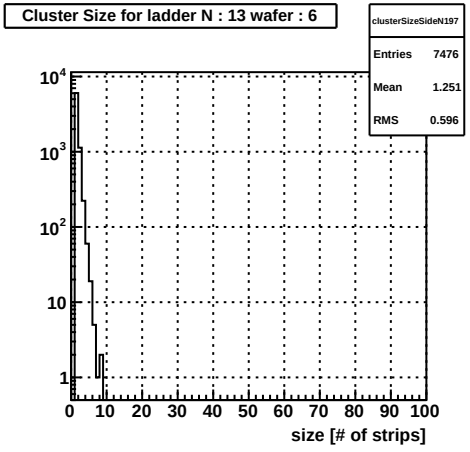

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 7999
Mean 1.45
RMS 0.7258
size [# of strips]

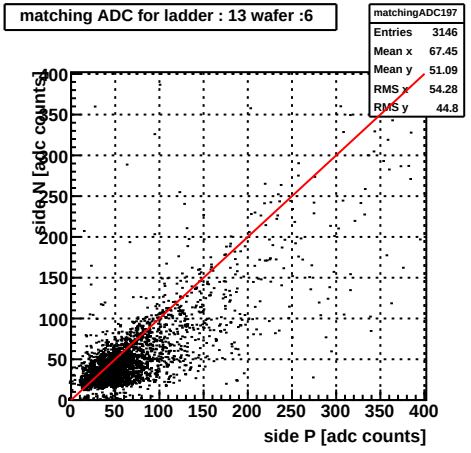

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 3584
Mean x 71.02
Mean y 66.52
RMS x 53.38
RMS y 52.07
side N [adc counts]
side P [adc counts]

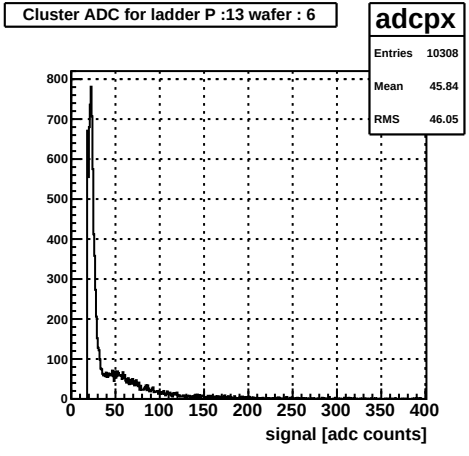

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6392
Mean 63.78
RMS 55.88
signal [adc counts]

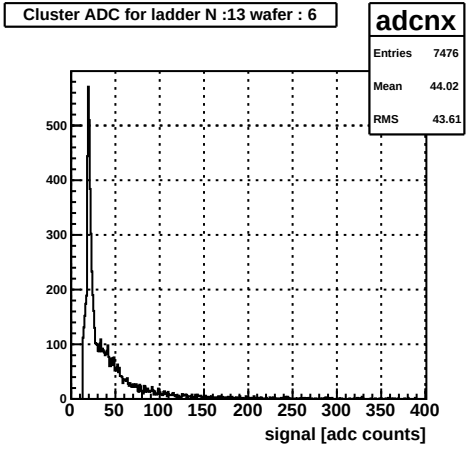

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 7999
Mean 53.44
RMS 50.05
signal [adc counts]

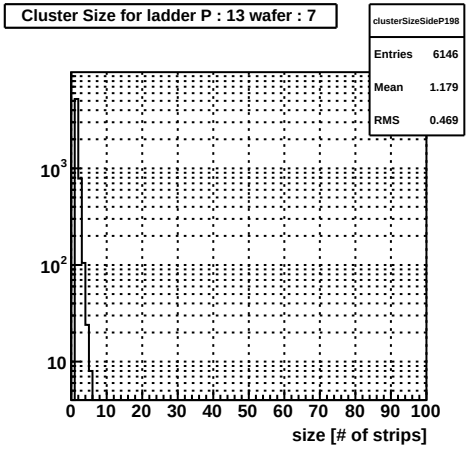

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 10308
Mean 1.158
RMS 0.4516
size [# of strips]

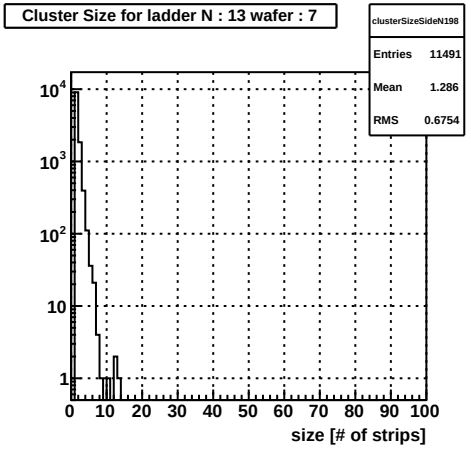

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 7476
Mean 1.251
RMS 0.596
size [# of strips]

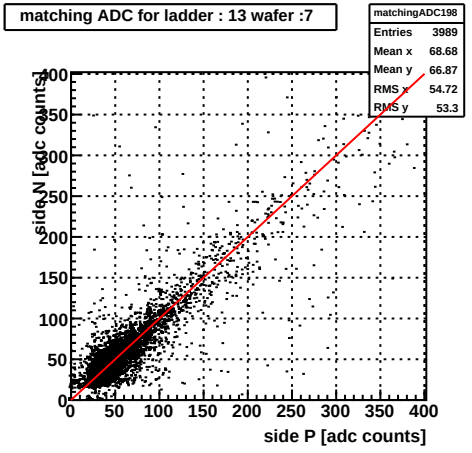

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 3146
Mean x 67.45
Mean y 51.09
RMS x 54.28
RMS y 44.8
side N [adc counts]
side P [adc counts]

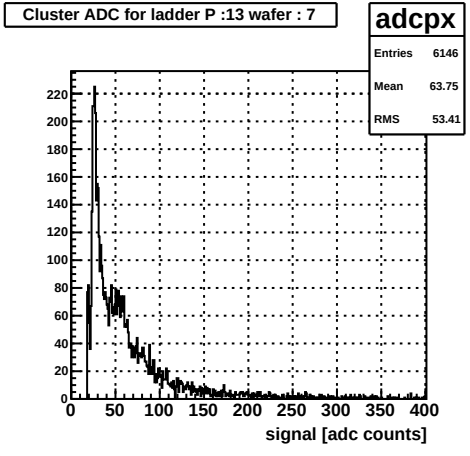

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 10308
Mean 45.84
RMS 46.05
signal [adc counts]

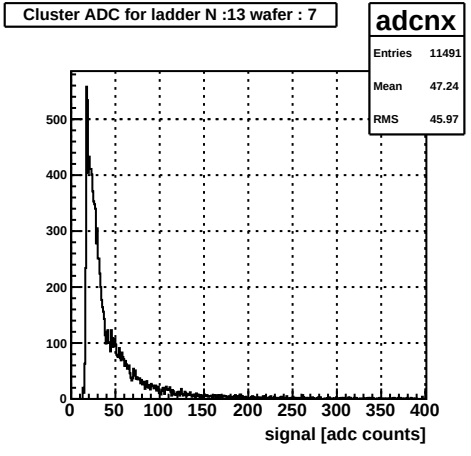

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 7476
Mean 44.02
RMS 43.61
signal [adc counts]

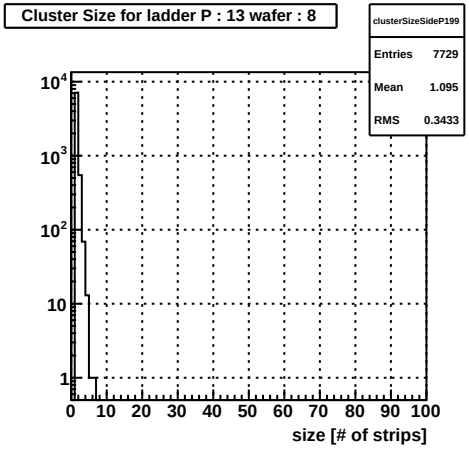

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 6146
Mean 1.179
RMS 0.469
size [# of strips]

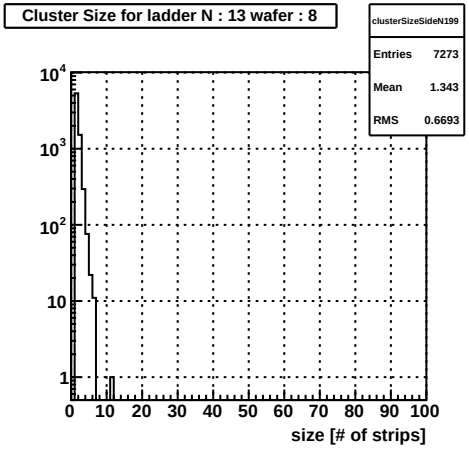

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 11491
Mean 1.286
RMS 0.6754
size [# of strips]

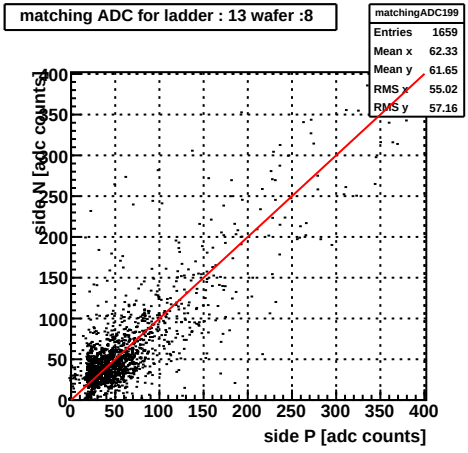

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 3989
Mean x 68.68
Mean y 66.87
RMS x 54.72
RMS y 53.3
side N [adc counts]
side P [adc counts]

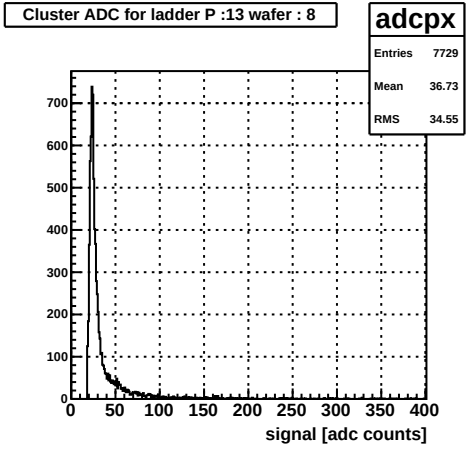

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 6146
Mean 63.75
RMS 53.41
signal [adc counts]

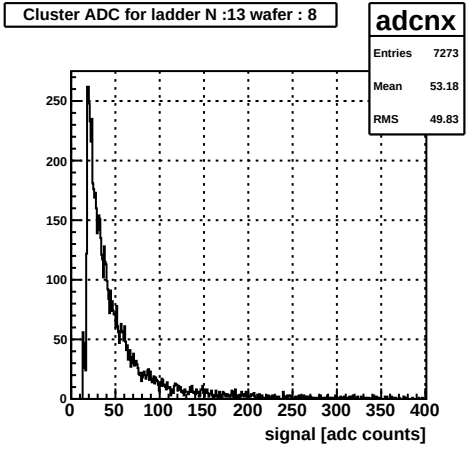

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 11491
Mean 47.24
RMS 45.97
signal [adc counts]

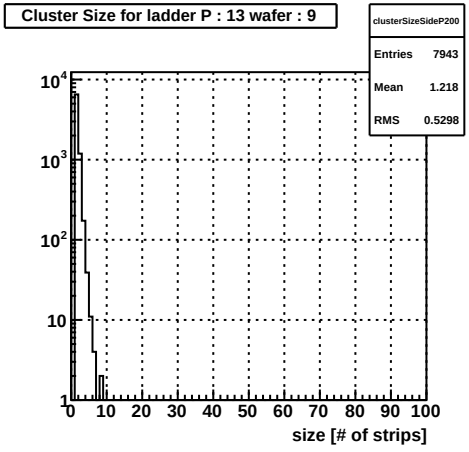

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 7729
Mean 1.095
RMS 0.3433
size [# of strips]

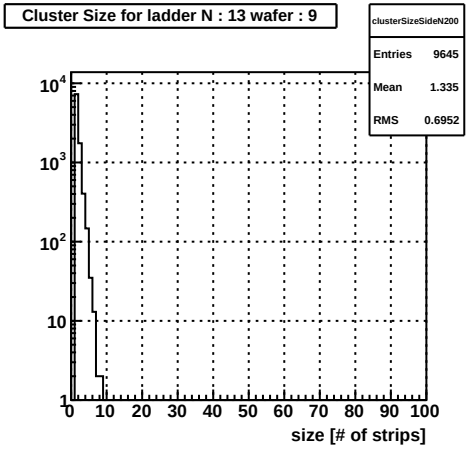

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 7273
Mean 1.343
RMS 0.6693
size [# of strips]

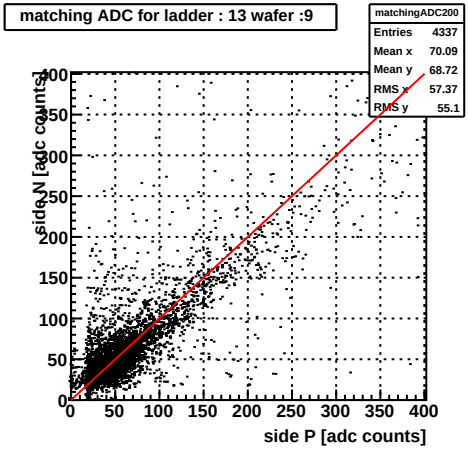

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 1659
Mean x 62.33
Mean y 61.65
RMS x 55.02
RMS y 57.16
side N [adc counts]
side P [adc counts]

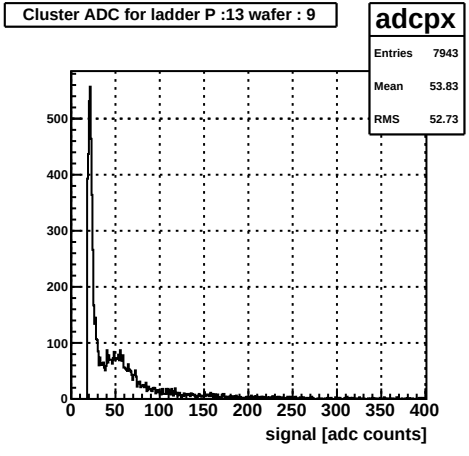

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 7729
Mean 36.73
RMS 34.55
signal [adc counts]

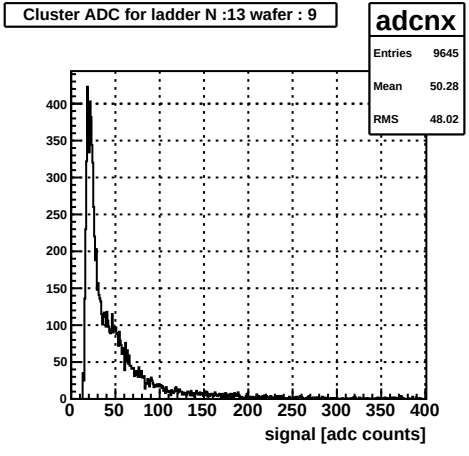

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 7273
Mean 53.18
RMS 49.83
signal [adc counts]

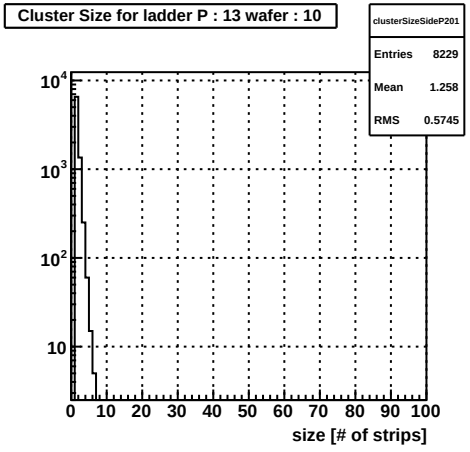

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 7943
Mean 1.218
RMS 0.5298
size [# of strips]

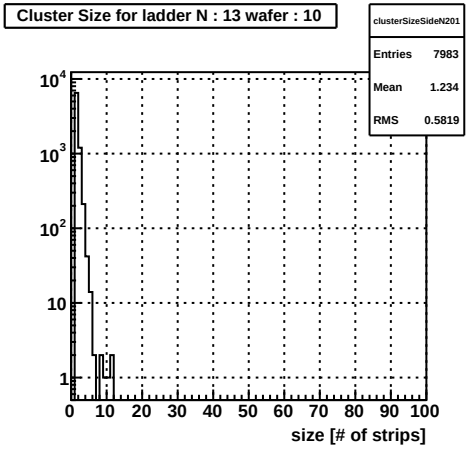

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 9645
Mean 1.335
RMS 0.6952
size [# of strips]

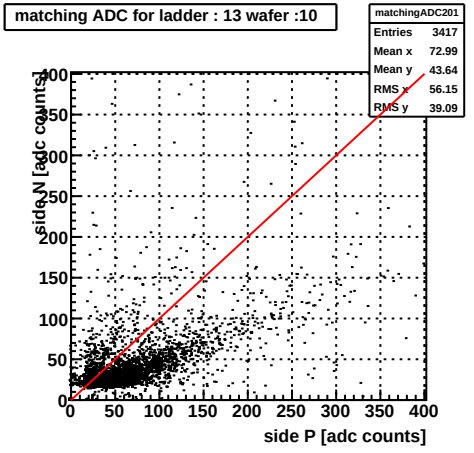

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 4337
Mean x 70.09
Mean y 68.72
RMS x 57.37
RMS y 55.1
side N [adc counts]
side P [adc counts]

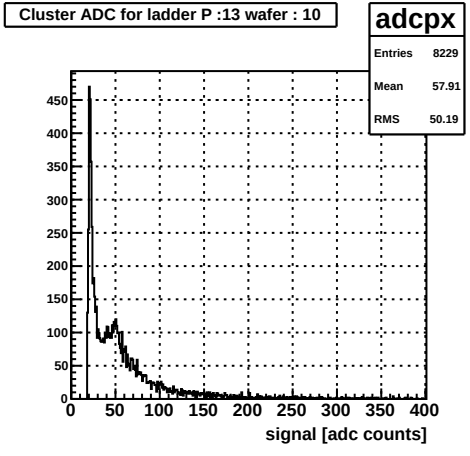

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 7943
Mean 53.83
RMS 52.73
signal [adc counts]

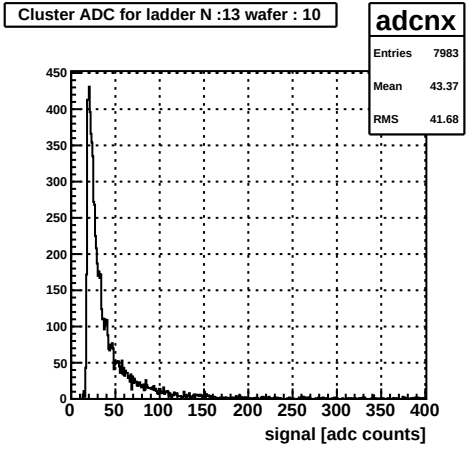

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 9645
Mean 50.28
RMS 48.02
signal [adc counts]

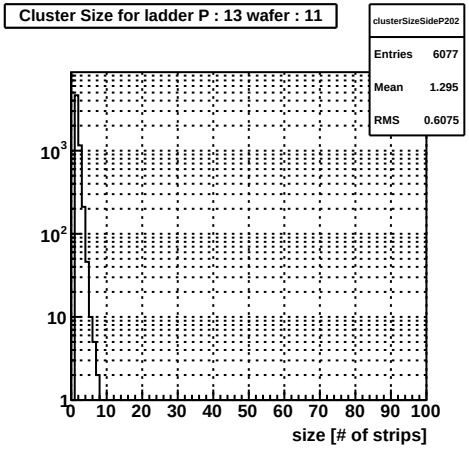

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 8229
Mean 1.258
RMS 0.5745
size [# of strips]

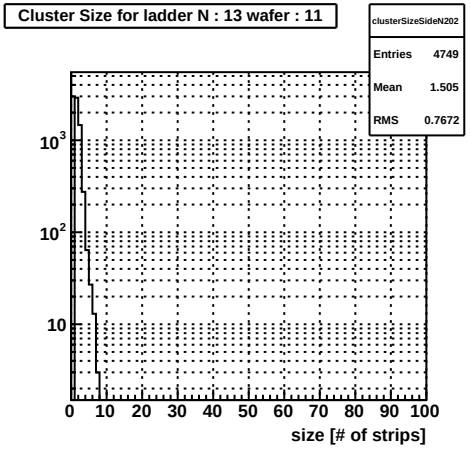

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 7983
Mean 1.234
RMS 0.5819
size [# of strips]

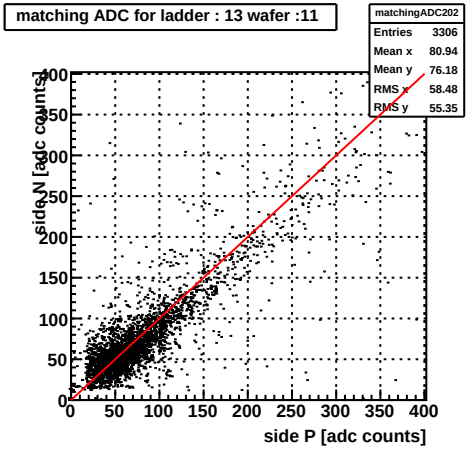

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 3417
Mean x 72.99
Mean y 43.64
RMS x 56.15
RMS y 39.09
side N [adc counts]
side P [adc counts]

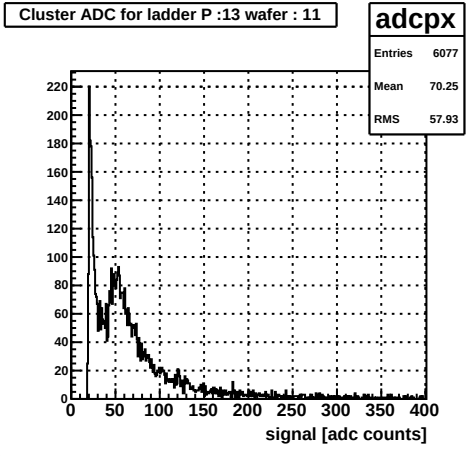

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 8229
Mean 57.91
RMS 50.19
signal [adc counts]

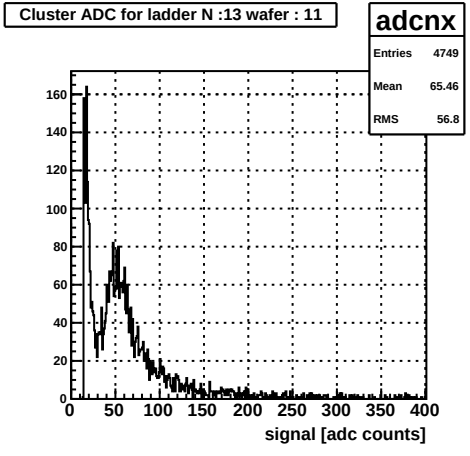

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 7983
Mean 43.37
RMS 41.68
signal [adc counts]

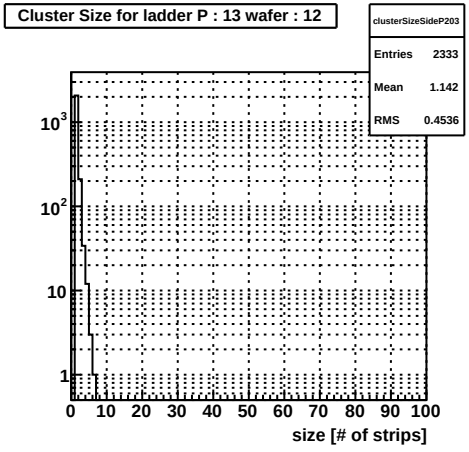

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 6077
Mean 1.295
RMS 0.6075
size [# of strips]

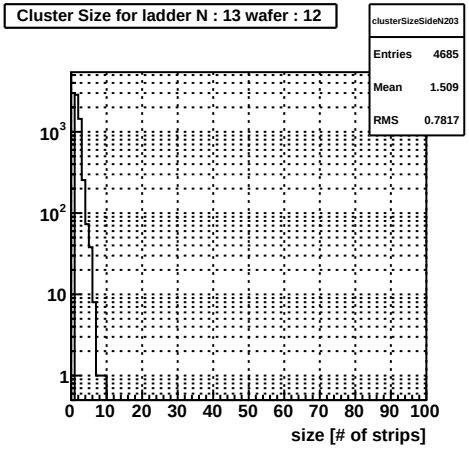

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 4749
Mean 1.505
RMS 0.7672
size [# of strips]

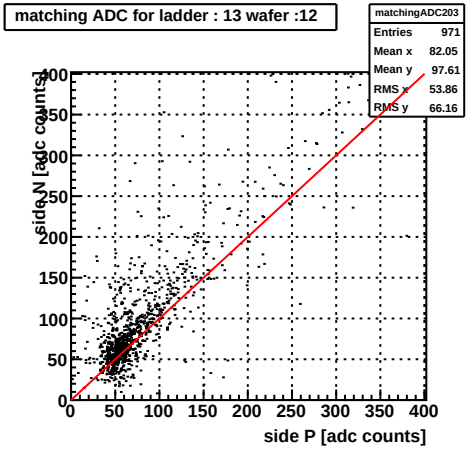

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 3306
Mean x 80.94
Mean y 76.18
RMS x 58.48
RMS y 55.35
side N [adc counts]
side P [adc counts]

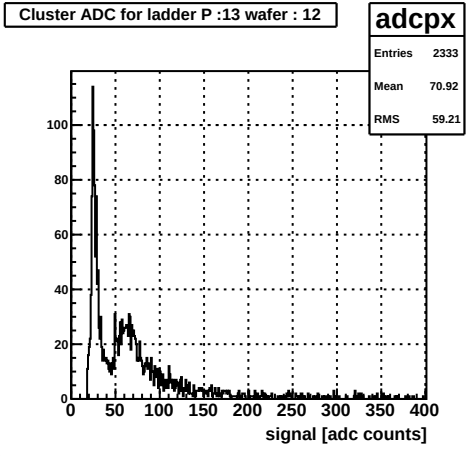

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 6077
Mean 70.25
RMS 57.93
signal [adc counts]

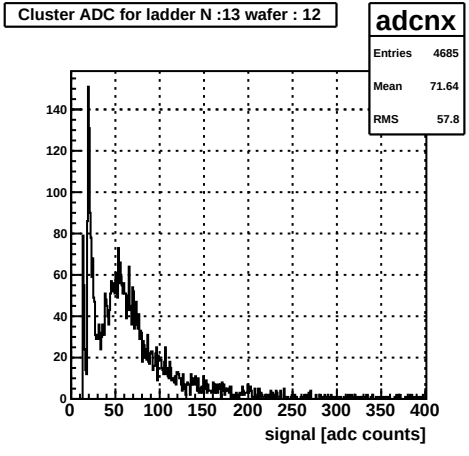

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 4749
Mean 65.46
RMS 56.8
signal [adc counts]

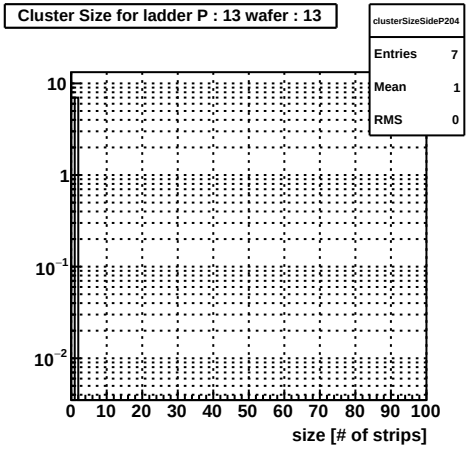

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2333
Mean 1.142
RMS 0.4536
size [# of strips]

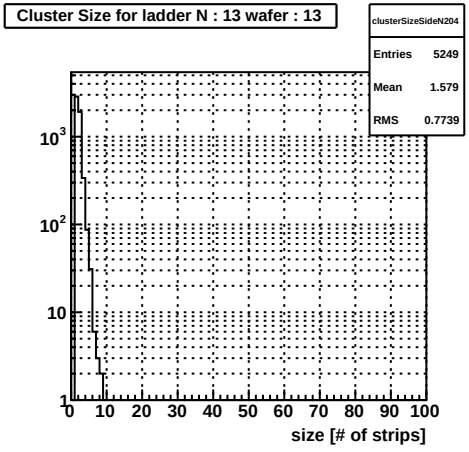

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 4685
Mean 1.509
RMS 0.7817
size [# of strips]

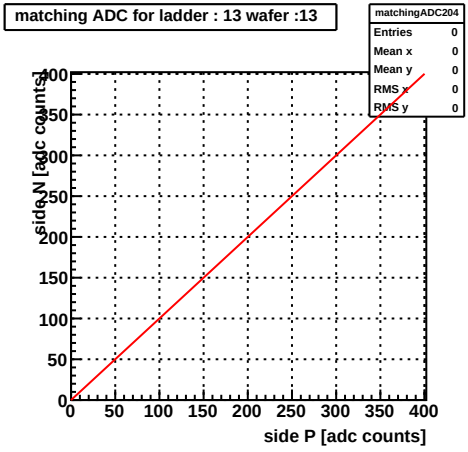

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 971
Mean x 82.05
Mean y 97.61
RMS x 53.86
RMS y 66.16
side N [adc counts]
side P [adc counts]

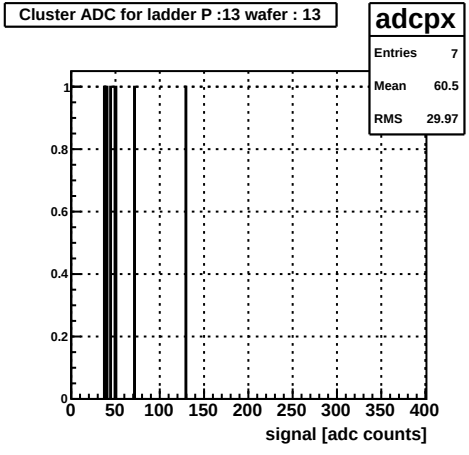

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2333
Mean 70.92
RMS 59.21
signal [adc counts]

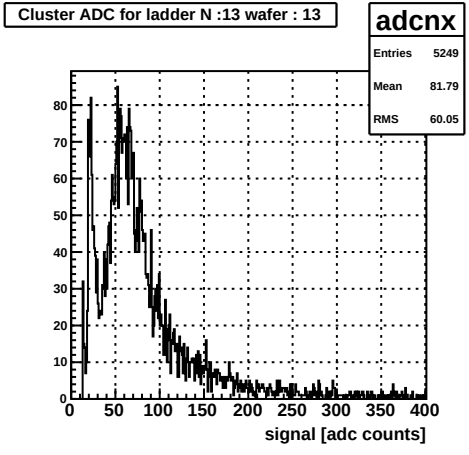

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 4685
Mean 71.64
RMS 57.8
signal [adc counts]

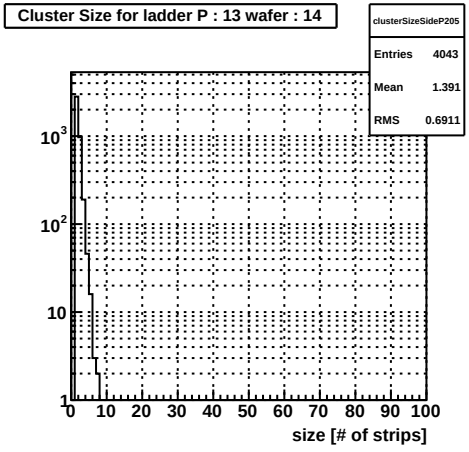

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 7
Mean 1
RMS 0
size [# of strips]

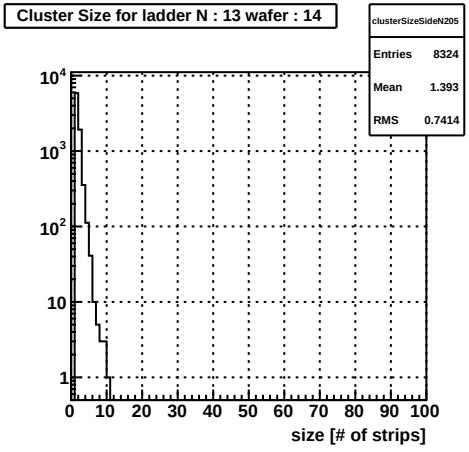

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 5249
Mean 1.579
RMS 0.7739
size [# of strips]

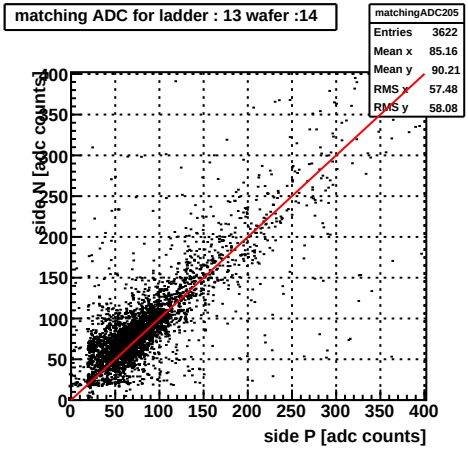

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

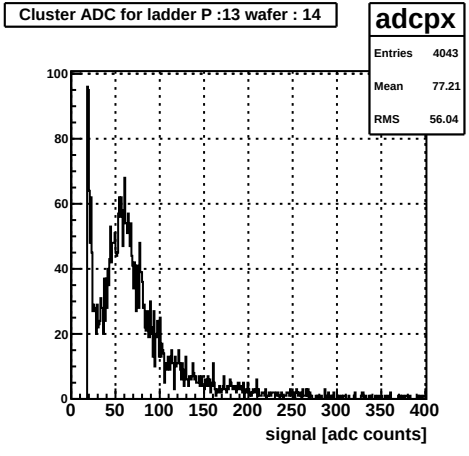

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 7
Mean 60.5
RMS 29.97
signal [adc counts]

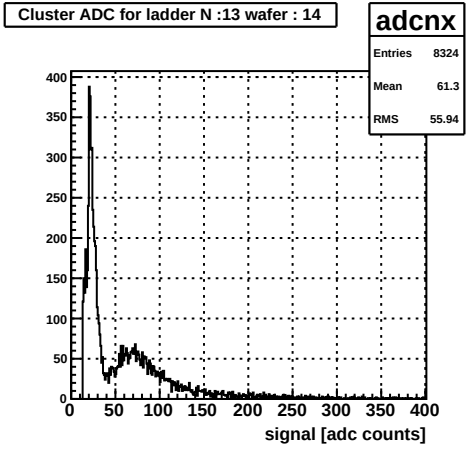

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 5249
Mean 81.79
RMS 60.05
signal [adc counts]

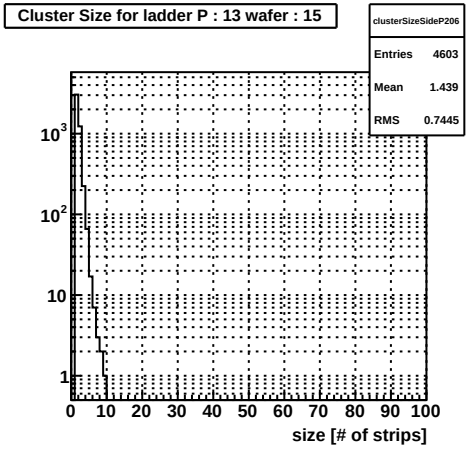

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 4043
Mean 1.391
RMS 0.6911
size [# of strips]

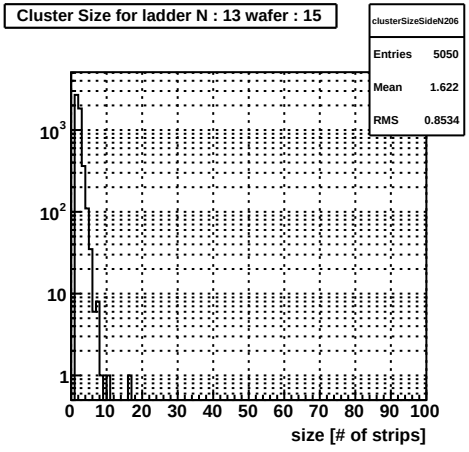

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 8324
Mean 1.393
RMS 0.7414
size [# of strips]

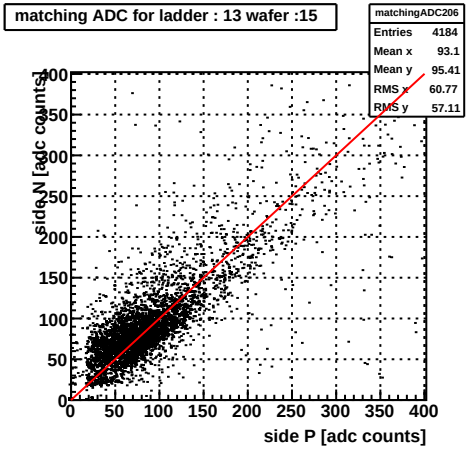

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 3622
Mean x 85.16
Mean y 90.21
RMS x 57.48
RMS y 58.08
side N [adc counts]
side P [adc counts]

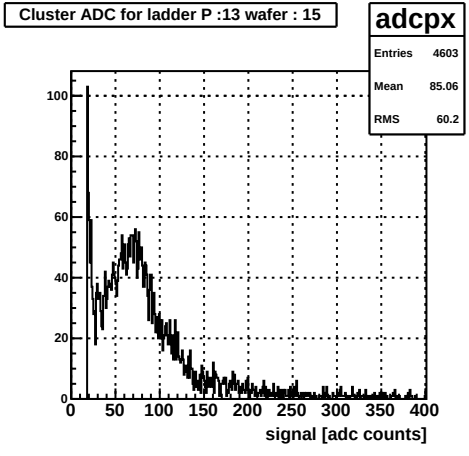

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 4043
Mean 77.21
RMS 56.04
signal [adc counts]

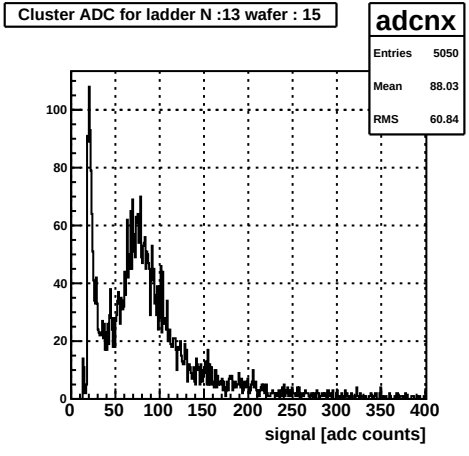

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 8324
Mean 61.3
RMS 55.94
signal [adc counts]

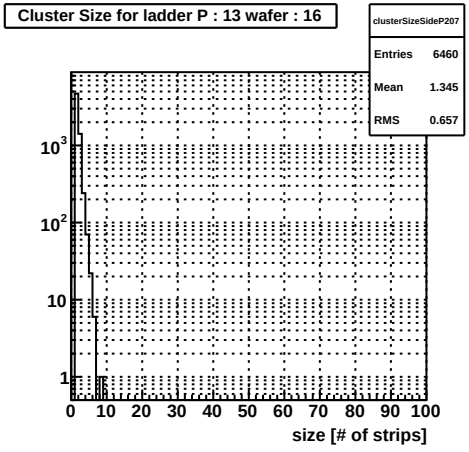

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 4603
Mean 1.439
RMS 0.7445
size [# of strips]

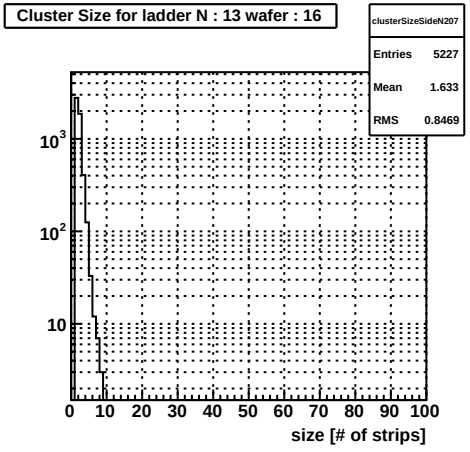

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 5050
Mean 1.622
RMS 0.8534
size [# of strips]

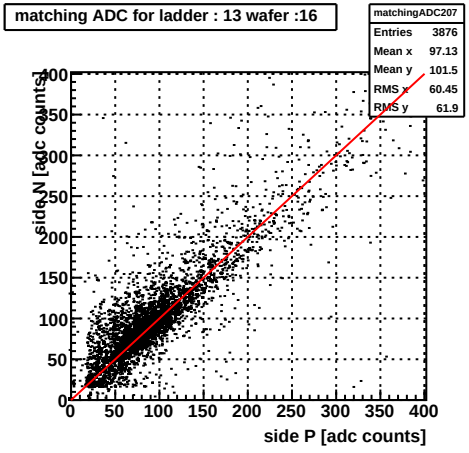

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 4184
Mean x 93.1
Mean y 95.41
RMS x 60.77
RMS y 57.11
side N [adc counts]
side P [adc counts]

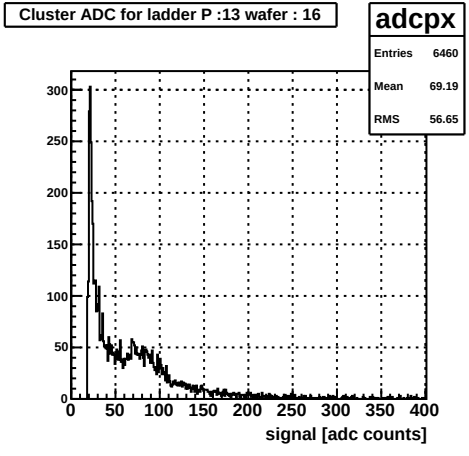

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 4603
Mean 85.06
RMS 60.2
signal [adc counts]

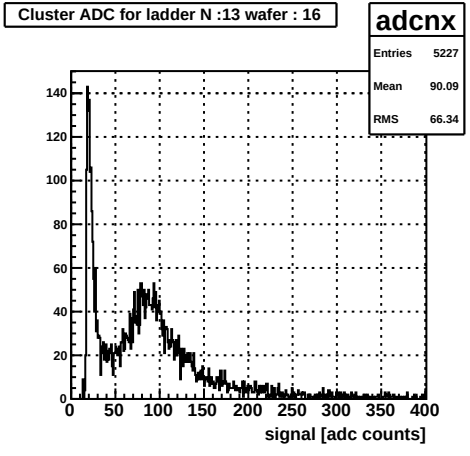

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 5050
Mean 88.03
RMS 60.84
signal [adc counts]

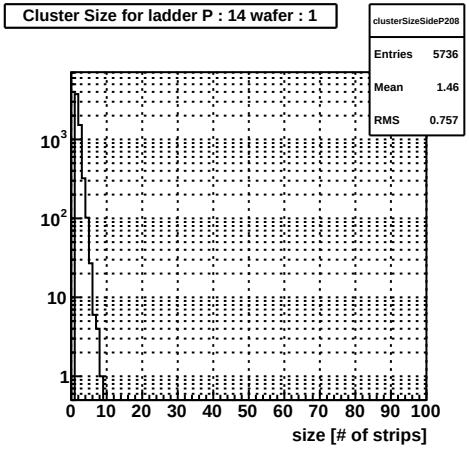

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 6460
Mean 1.345
RMS 0.657
size [# of strips]

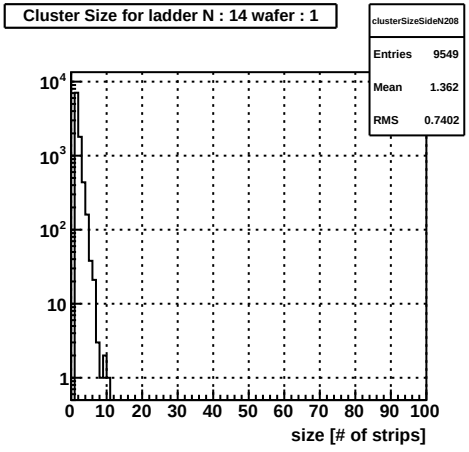

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 5227
Mean 1.633
RMS 0.8469
size [# of strips]

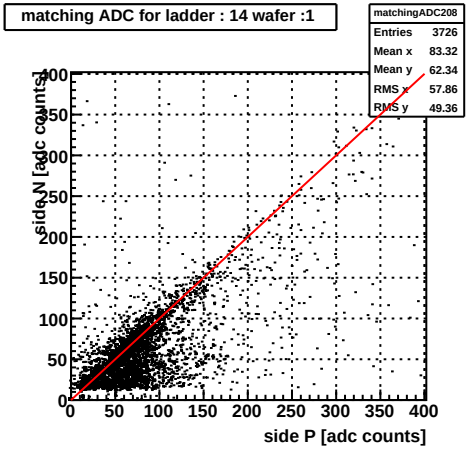

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 3876
Mean x 97.13
Mean y 101.5
RMS x 60.45
RMS y 61.9
side N [adc counts]
side P [adc counts]

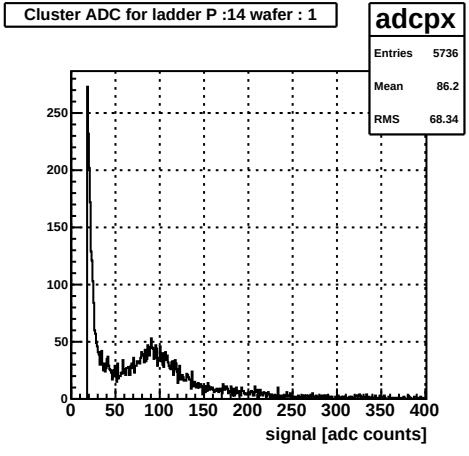

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 6460
Mean 69.19
RMS 56.65
signal [adc counts]

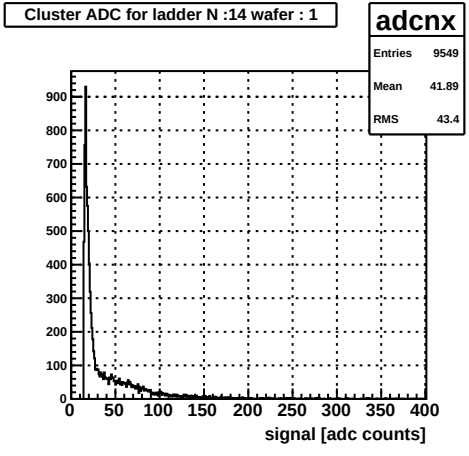

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 5227
Mean 90.09
RMS 66.34
signal [adc counts]

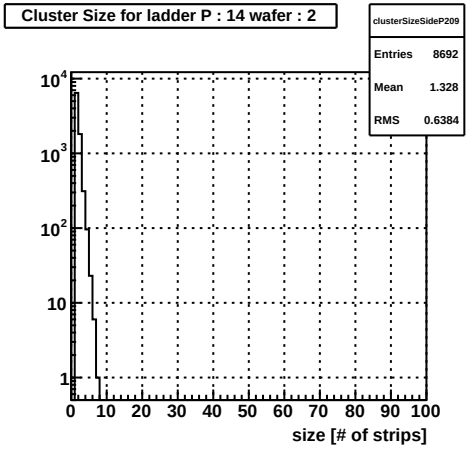

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 5736
Mean 1.46
RMS 0.757
size [# of strips]

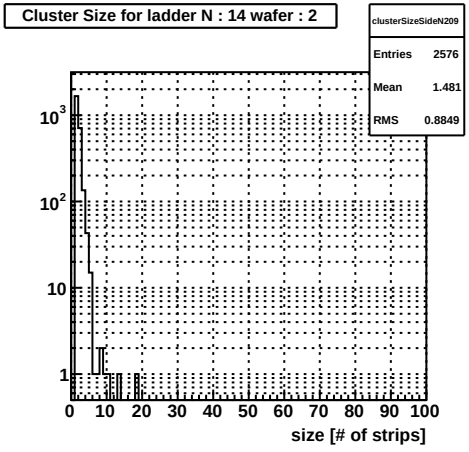

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 9549
Mean 1.362
RMS 0.7402
size [# of strips]

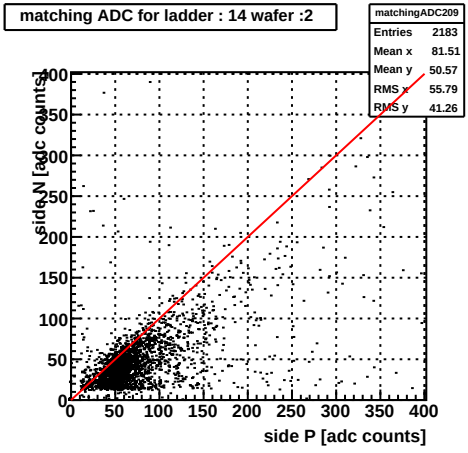

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 3726
Mean x 83.32
Mean y 62.34
RMS x 57.86
RMS y 49.36
side N [adc counts]
side P [adc counts]

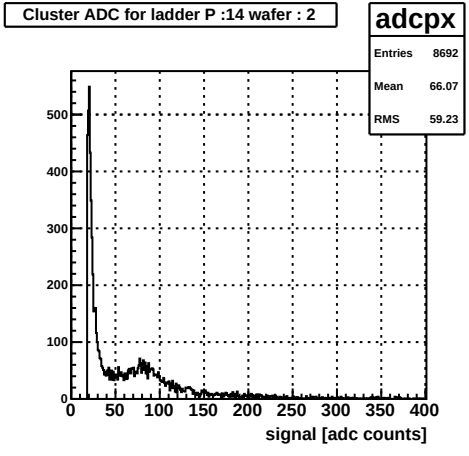

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 5736
Mean 86.2
RMS 68.34
signal [adc counts]

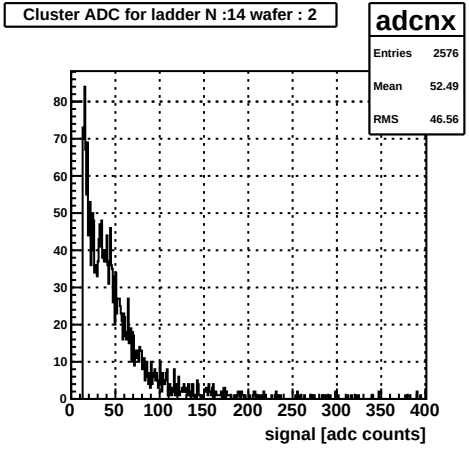

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 9549
Mean 41.89
RMS 43.4
signal [adc counts]

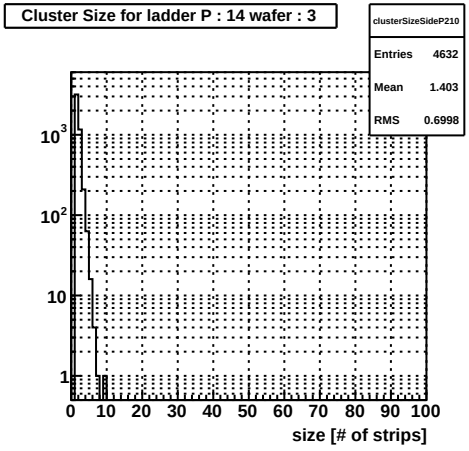

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 8692
Mean 1.328
RMS 0.6384
size [# of strips]

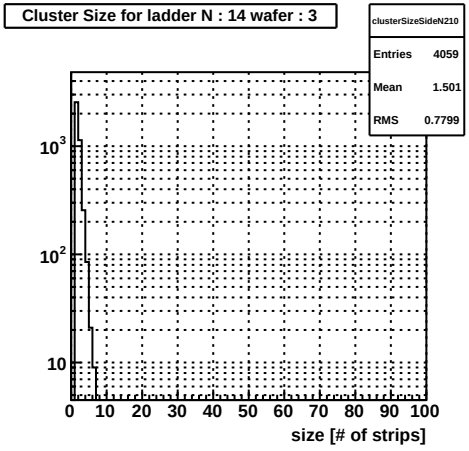

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 2576
Mean 1.481
RMS 0.8849
size [# of strips]

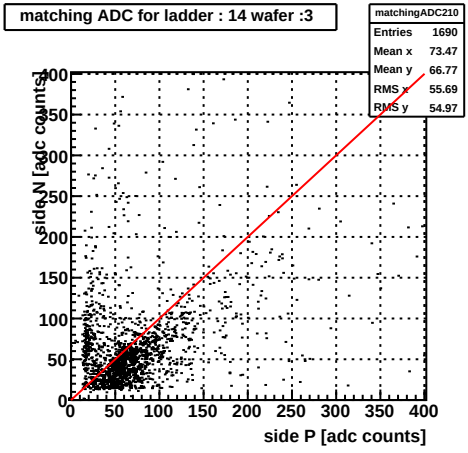

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 2183
Mean x 81.51
Mean y 50.57
RMS x 55.79
RMS y 41.26
side N [adc counts]
side P [adc counts]

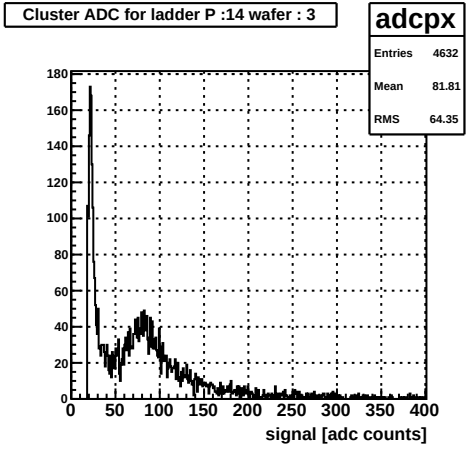

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 8692
Mean 66.07
RMS 59.23
signal [adc counts]

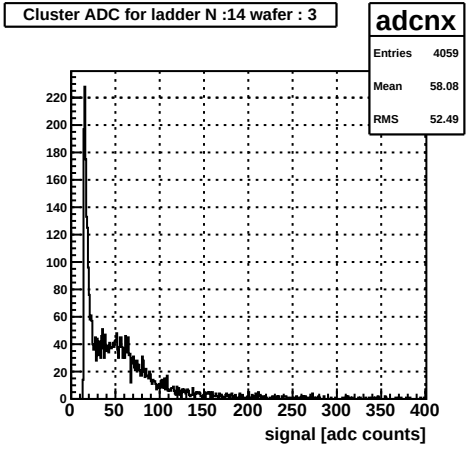

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 2576
Mean 52.49
RMS 46.56
signal [adc counts]

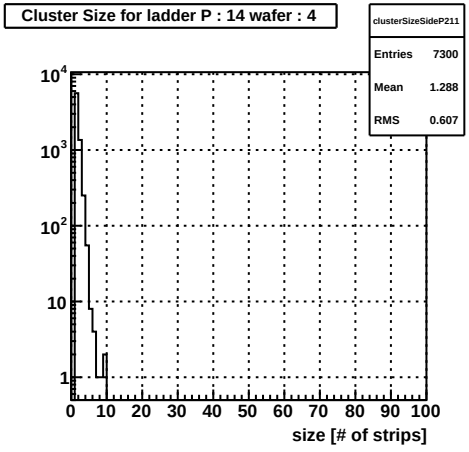

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 4632
Mean 1.403
RMS 0.6998
size [# of strips]

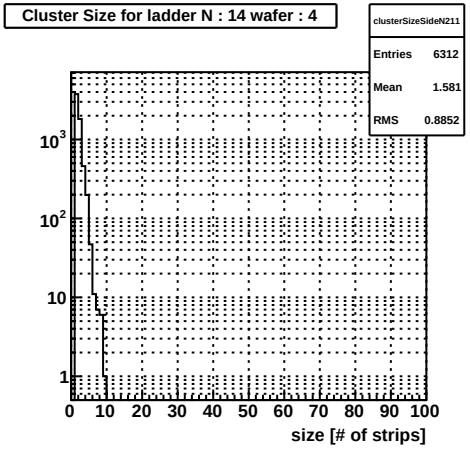

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 4059
Mean 1.501
RMS 0.7799
size [# of strips]

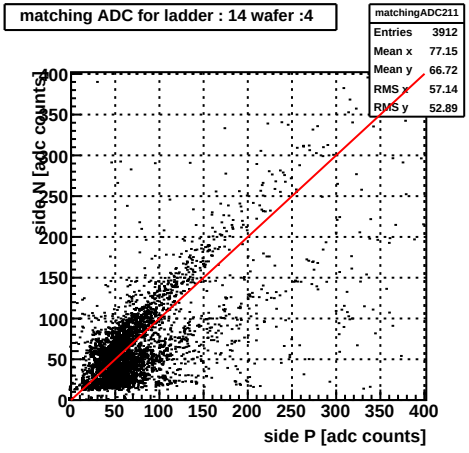

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 1690
Mean x 73.47
Mean y 66.77
RMS x 55.69
RMS y 54.97
side N [adc counts]
side P [adc counts]

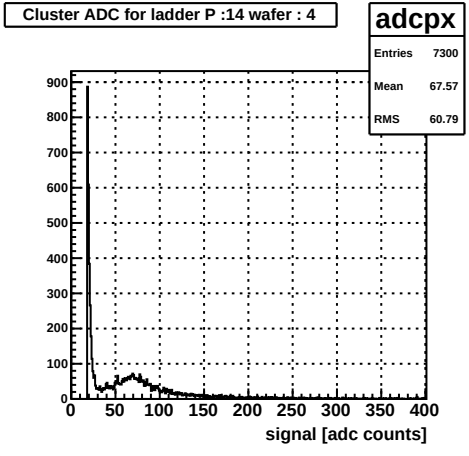

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 4632
Mean 81.81
RMS 64.35
signal [adc counts]

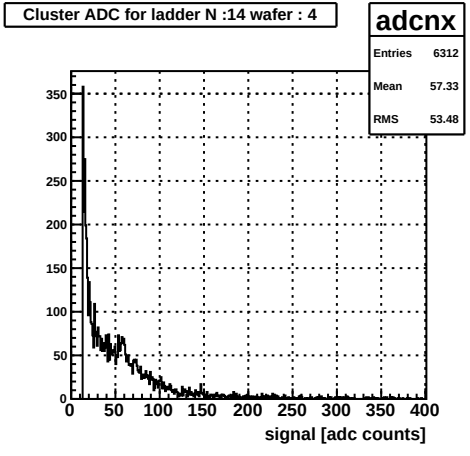

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 4059
Mean 58.08
RMS 52.49
signal [adc counts]

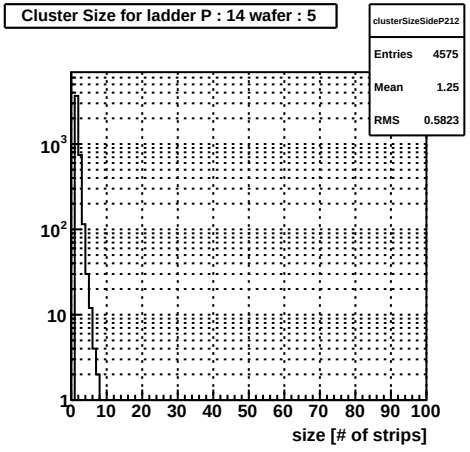

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 7300
Mean 1.288
RMS 0.607
size [# of strips]

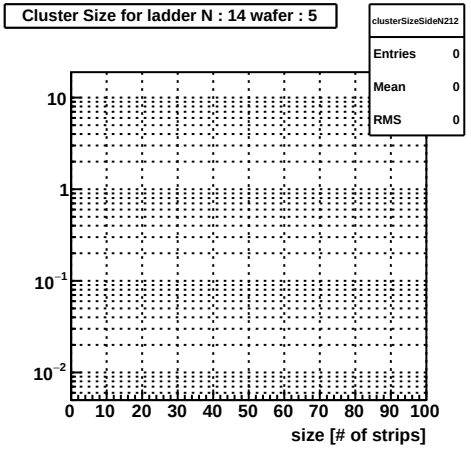

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6312
Mean 1.581
RMS 0.8852
size [# of strips]

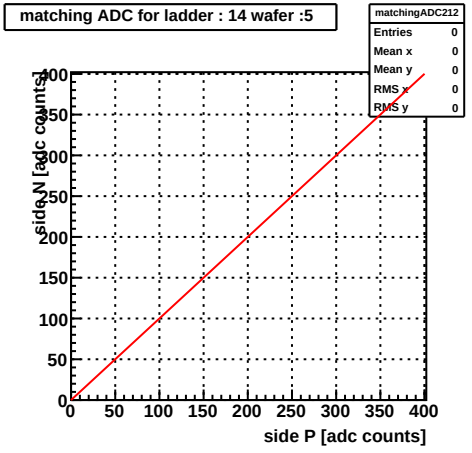

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 3912
Mean x 77.15
Mean y 66.72
RMS x 57.14
RMS y 52.89
side N [adc counts]
side P [adc counts]

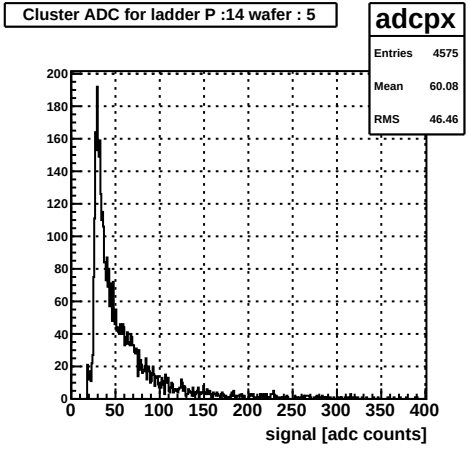

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 7300
Mean 67.57
RMS 60.79
signal [adc counts]

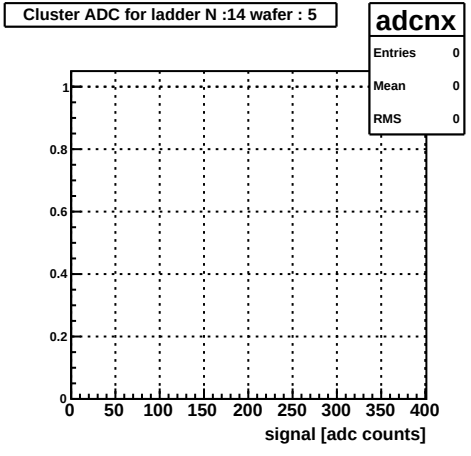

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6312
Mean 57.33
RMS 53.48
signal [adc counts]

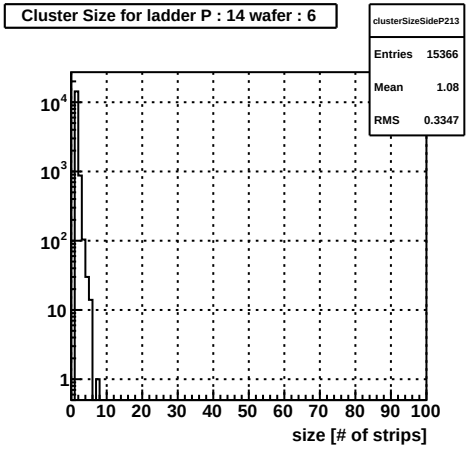

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4575
Mean 1.25
RMS 0.5823
size [# of strips]

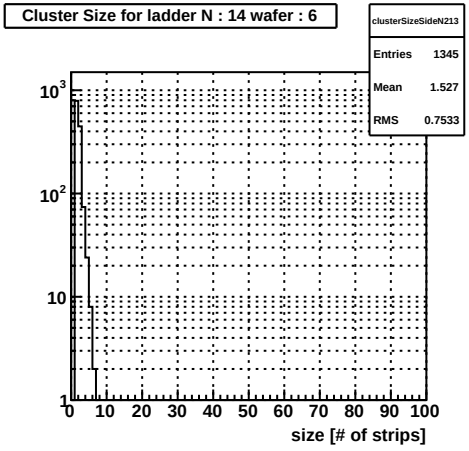

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

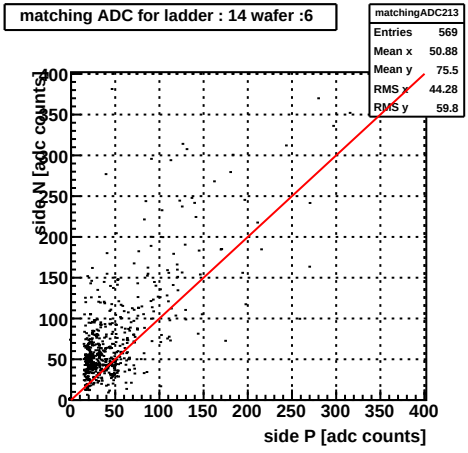

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

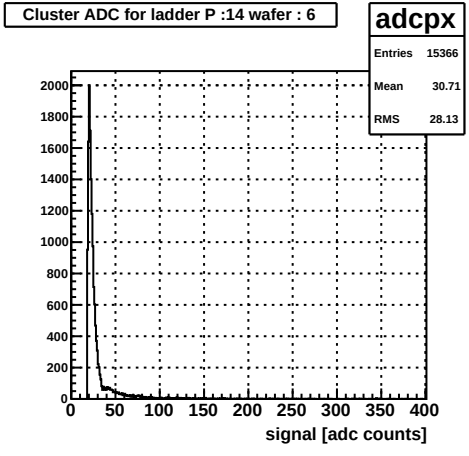

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4575
Mean 60.08
RMS 46.46
signal [adc counts]

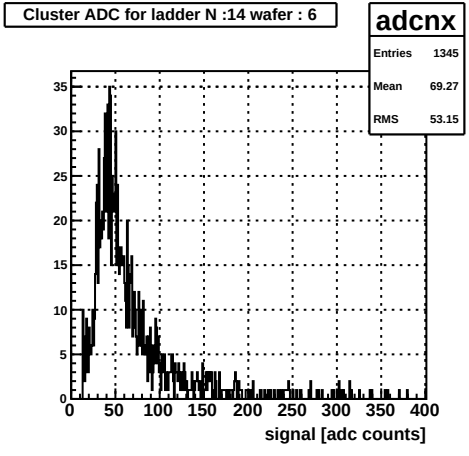

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

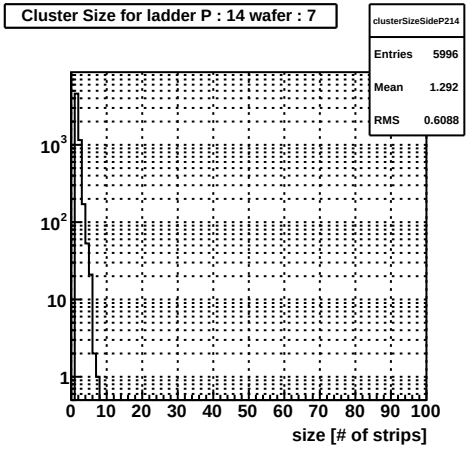

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 15366
Mean 1.08
RMS 0.3347
size [# of strips]

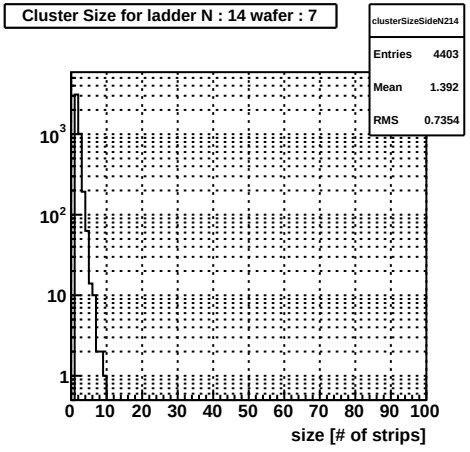

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 1345
Mean 1.527
RMS 0.7533
size [# of strips]

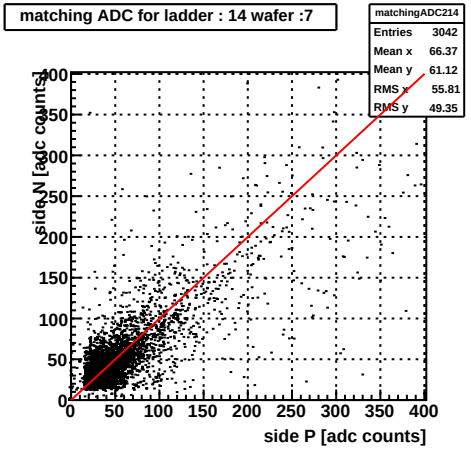

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 569
Mean x 50.88
Mean y 75.5
RMS x 44.28
RMS y 59.8
side N [adc counts]
side P [adc counts]

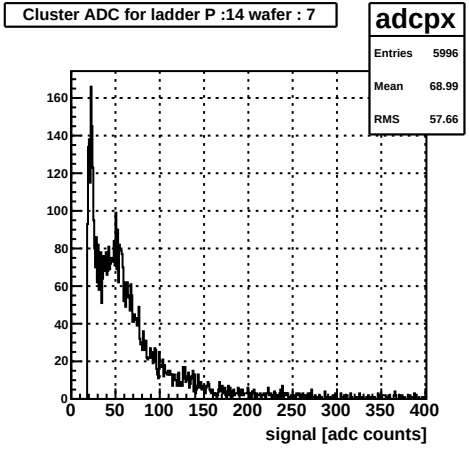

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 15366
Mean 30.71
RMS 28.13
signal [adc counts]

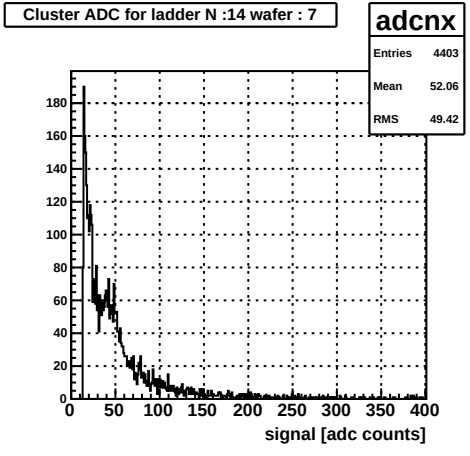

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 1345
Mean 69.27
RMS 53.15
signal [adc counts]

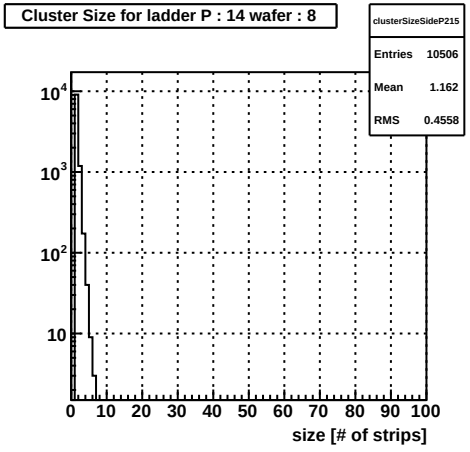

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 5996
Mean 1.292
RMS 0.6088
size [# of strips]

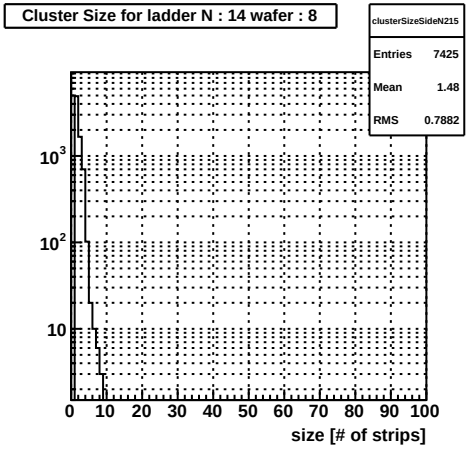

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 4403
Mean 1.392
RMS 0.7354
size [# of strips]

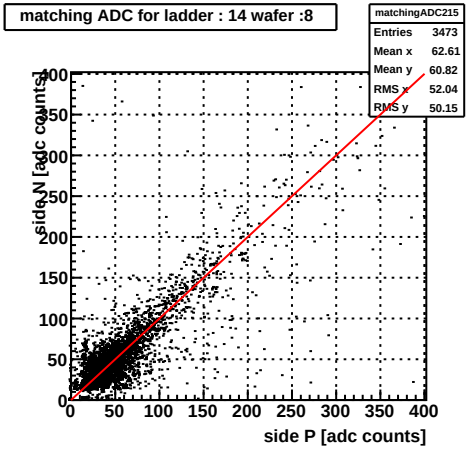

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 3042
Mean x 66.37
Mean y 61.12
RMS x 55.81
RMS y 49.35
side N [adc counts]
side P [adc counts]

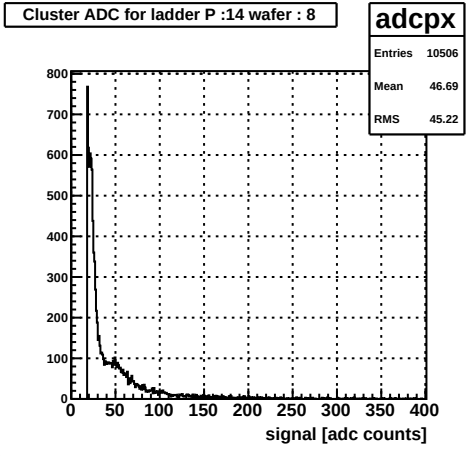

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 5996
Mean 68.99
RMS 57.66
signal [adc counts]

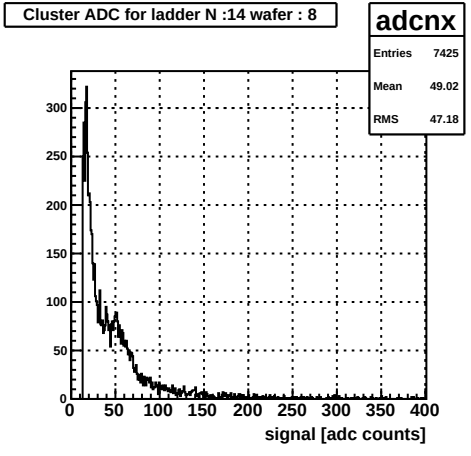

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 4403
Mean 52.06
RMS 49.42
signal [adc counts]

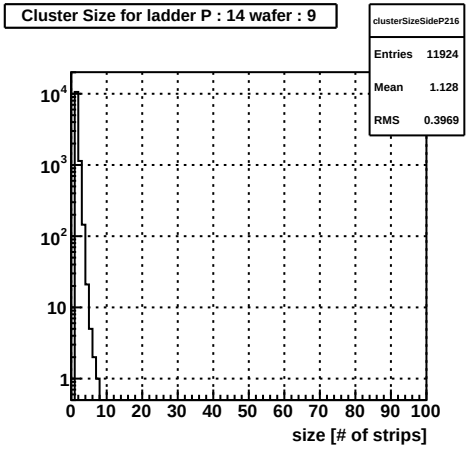

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 10506
Mean 1.162
RMS 0.4558
size [# of strips]

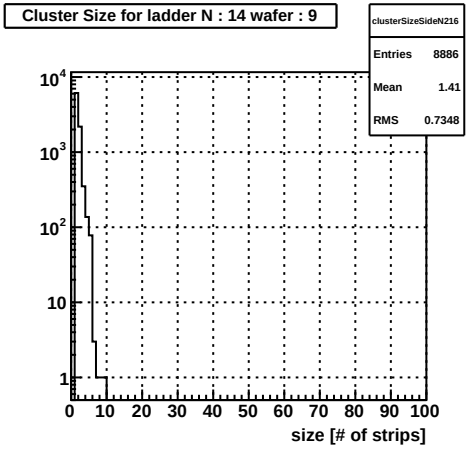

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 7425
Mean 1.48
RMS 0.7882
size [# of strips]

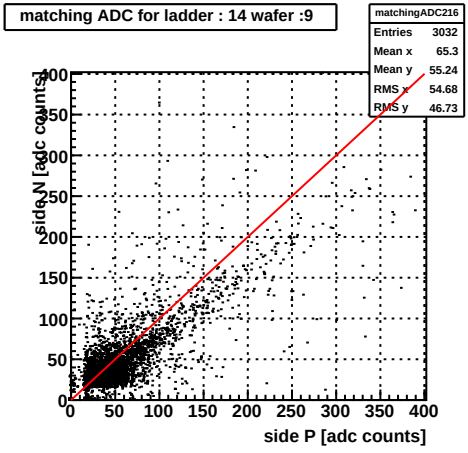

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 3473
Mean x 62.61
Mean y 60.82
RMS x 52.04
RMS y 50.15
side N [adc counts]
side P [adc counts]

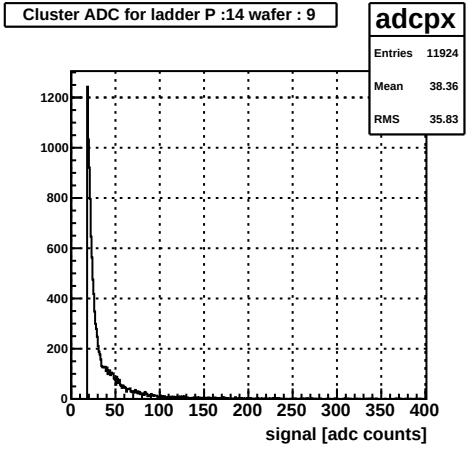

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 10506
Mean 46.69
RMS 45.22
signal [adc counts]

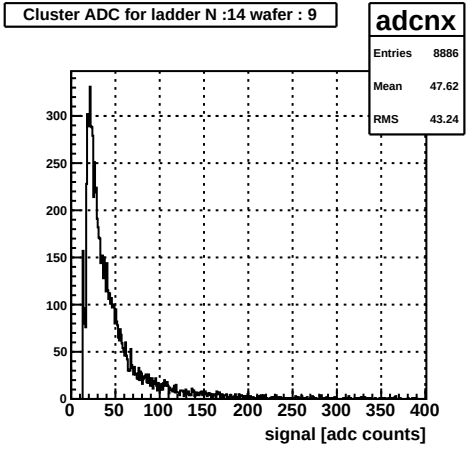

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 7425
Mean 49.02
RMS 47.18
signal [adc counts]

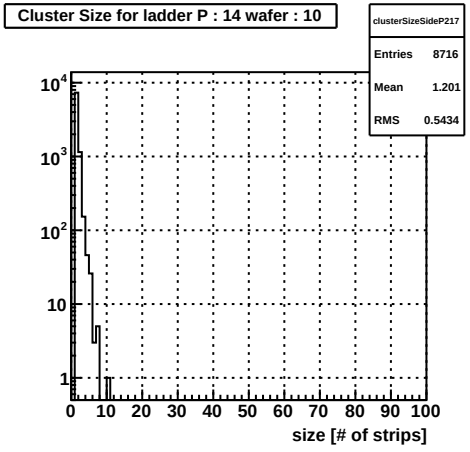

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11924
Mean 1.128
RMS 0.3969
size [# of strips]

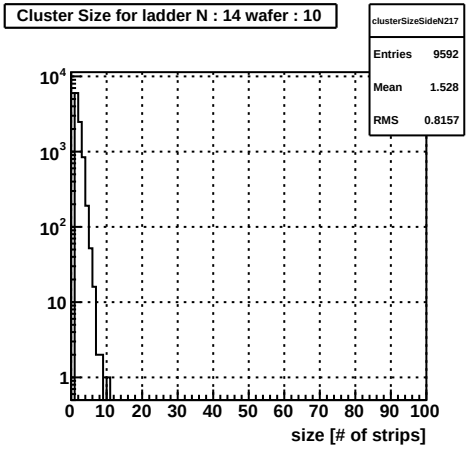

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 8886
Mean 1.41
RMS 0.7348
size [# of strips]

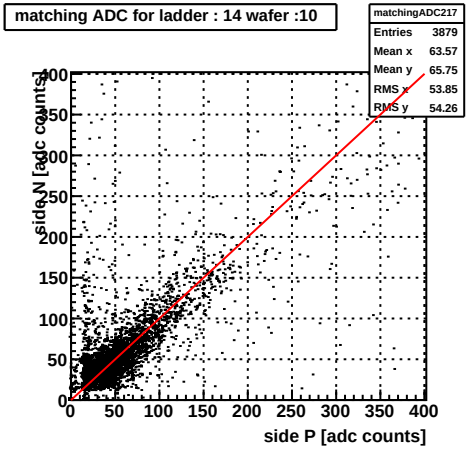

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 3032
Mean x 65.3
Mean y 55.24
RMS x 54.68
RMS y 46.73
side N [adc counts]
side P [adc counts]

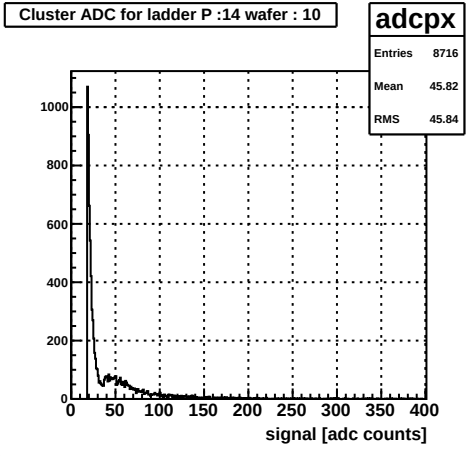

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11924
Mean 38.36
RMS 35.83
signal [adc counts]

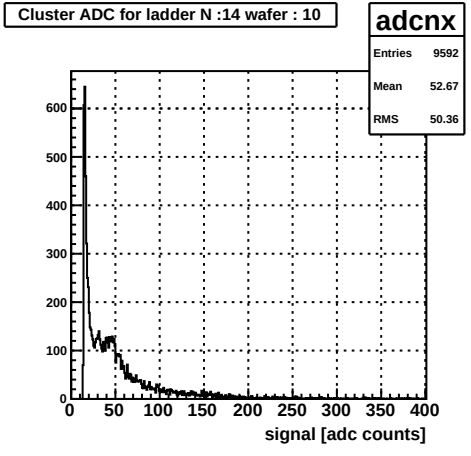

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 8886
Mean 47.62
RMS 43.24
signal [adc counts]

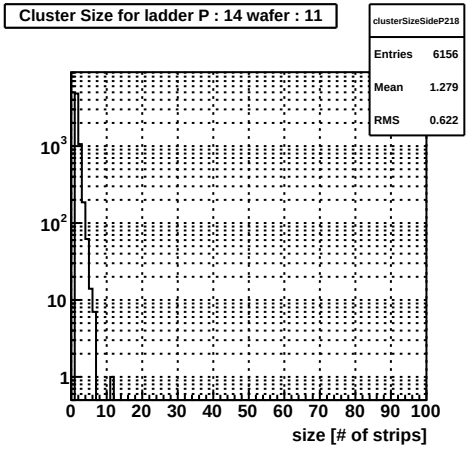

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 8716
Mean 1.201
RMS 0.5434
size [# of strips]

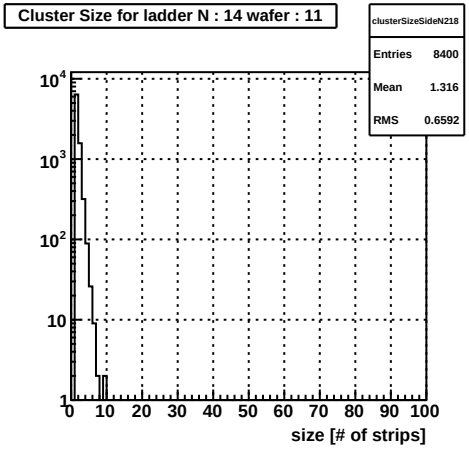

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9592
Mean 1.528
RMS 0.8157
size [# of strips]

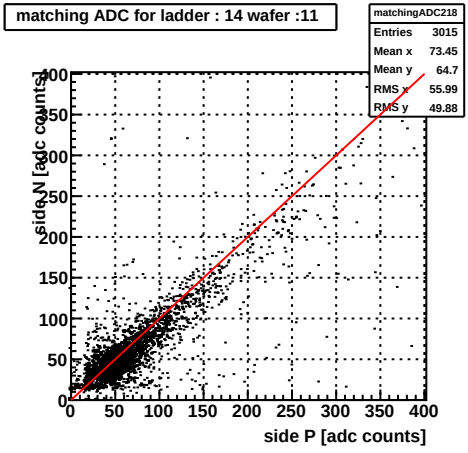

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 3879
Mean x 63.57
Mean y 65.75
RMS x 53.85
RMS y 54.26
side N [adc counts]
side P [adc counts]

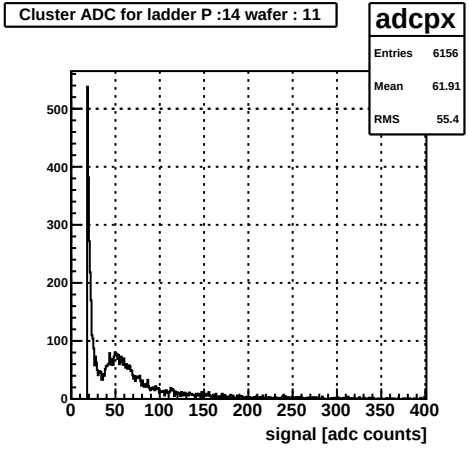

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 8716
Mean 45.82
RMS 45.84
signal [adc counts]

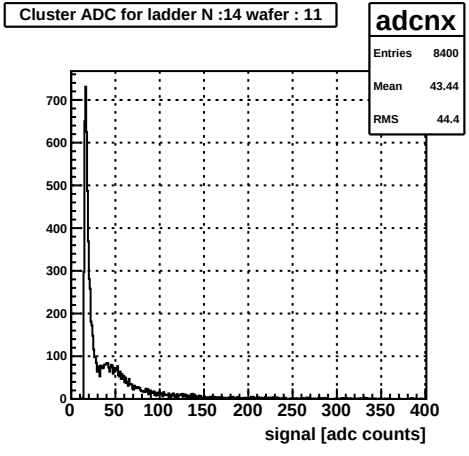

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9592
Mean 52.67
RMS 50.36
signal [adc counts]

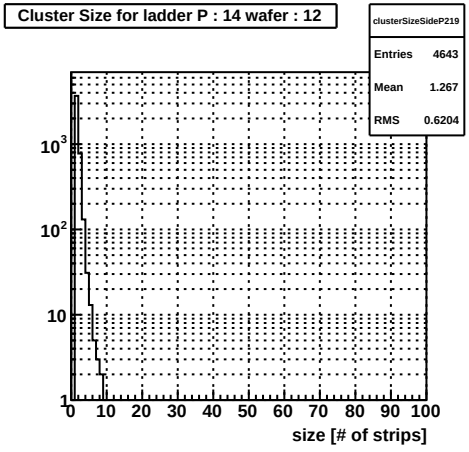

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 6156
Mean 1.279
RMS 0.622
size [# of strips]

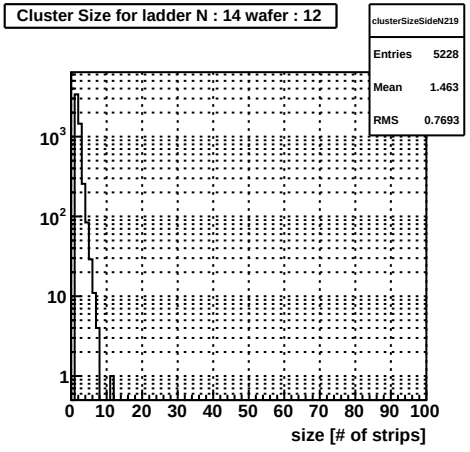

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 8400
Mean 1.316
RMS 0.6592
size [# of strips]

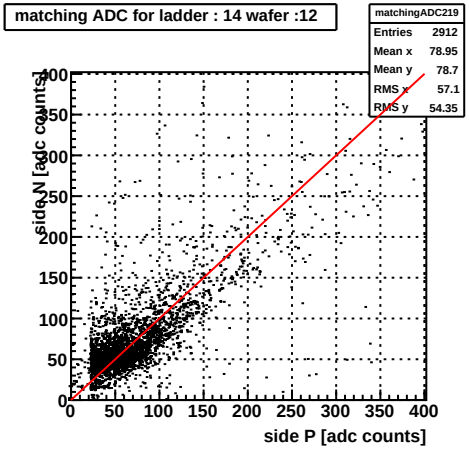

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 3015
Mean x 73.45
Mean y 64.7
RMS x 55.99
RMS y 49.88
side N [adc counts]
side P [adc counts]

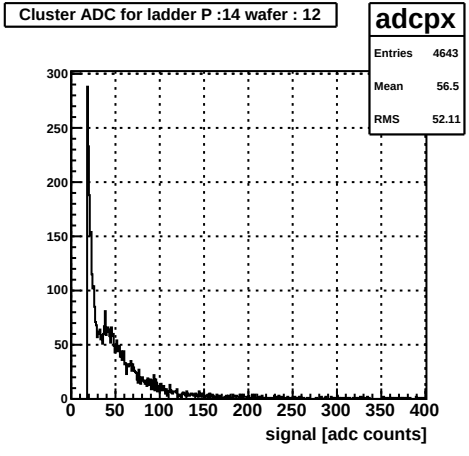

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 6156
Mean 61.91
RMS 55.4
signal [adc counts]

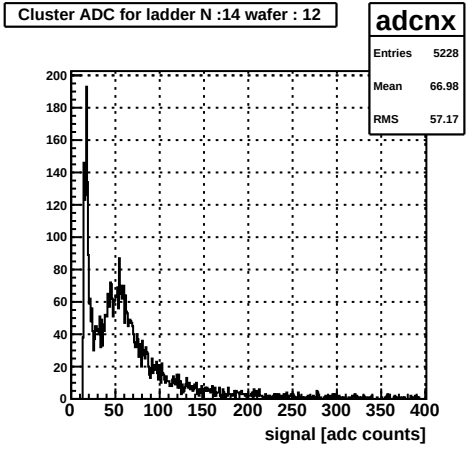

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 8400
Mean 43.44
RMS 44.4
signal [adc counts]

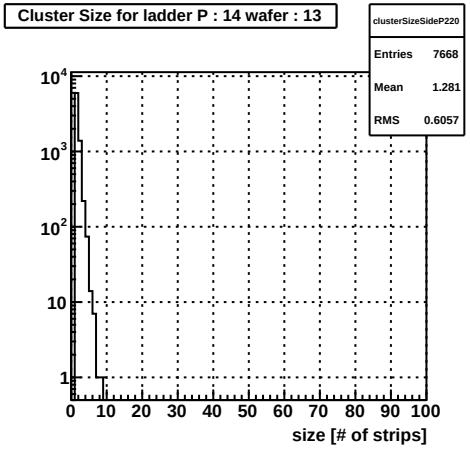

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 4643
Mean 1.267
RMS 0.6204
size [# of strips]

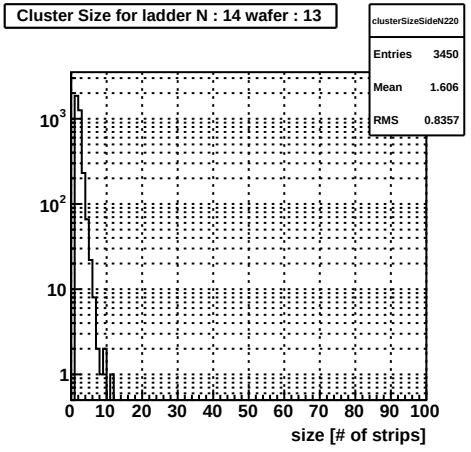

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 5228
Mean 1.463
RMS 0.7693
size [# of strips]

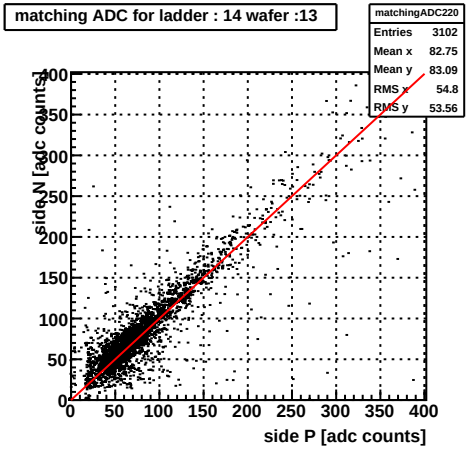

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 2912
Mean x 78.95
Mean y 78.7
RMS x 57.1
RMS y 54.35
side N [adc counts]
side P [adc counts]

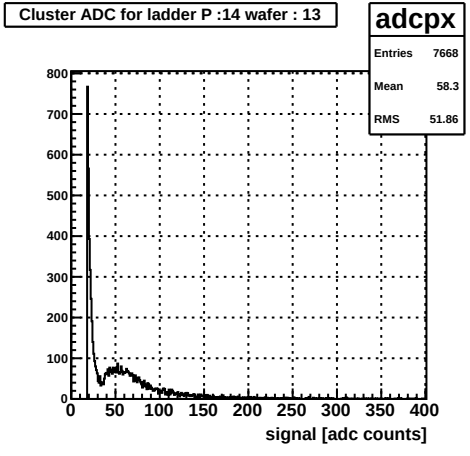

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 4643
Mean 56.5
RMS 52.11
signal [adc counts]

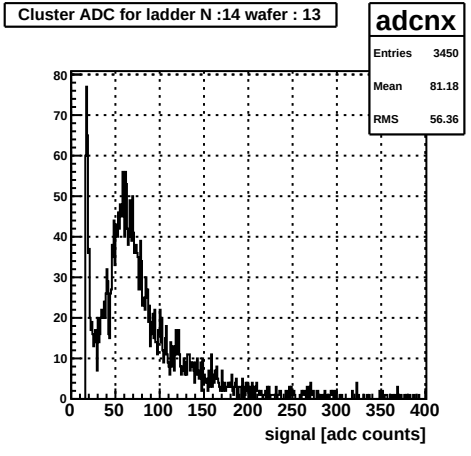

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 5228
Mean 66.98
RMS 57.17
signal [adc counts]

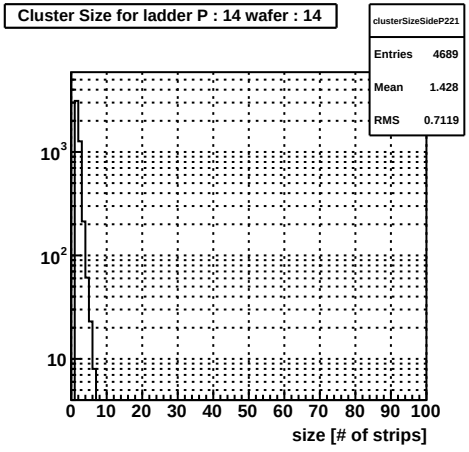

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 7668
Mean 1.281
RMS 0.6057
size [# of strips]

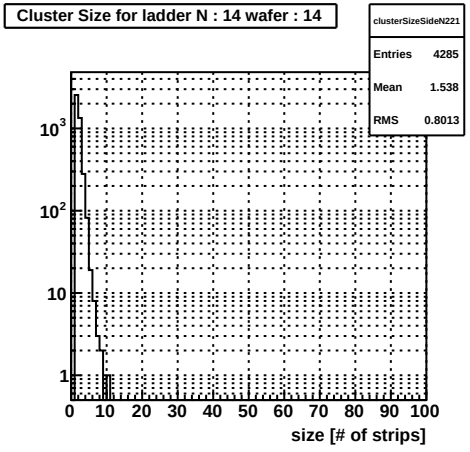

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 3450
Mean 1.606
RMS 0.8357
size [# of strips]

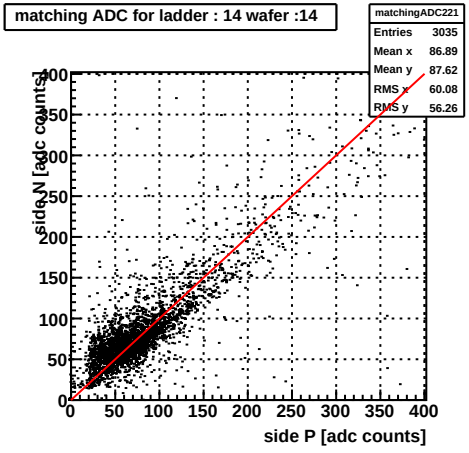

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 3102
Mean x 82.75
Mean y 83.09
RMS x 54.8
RMS y 53.56
side N [adc counts]
side P [adc counts]

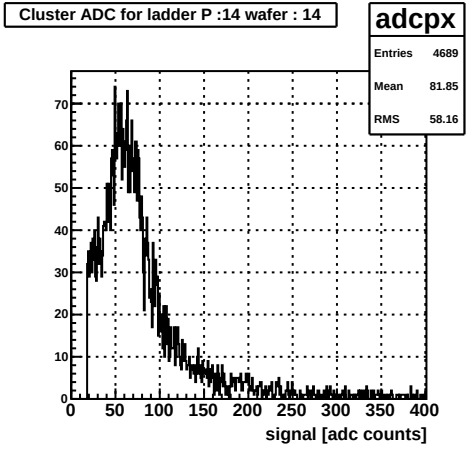

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 7668
Mean 58.3
RMS 51.86
signal [adc counts]

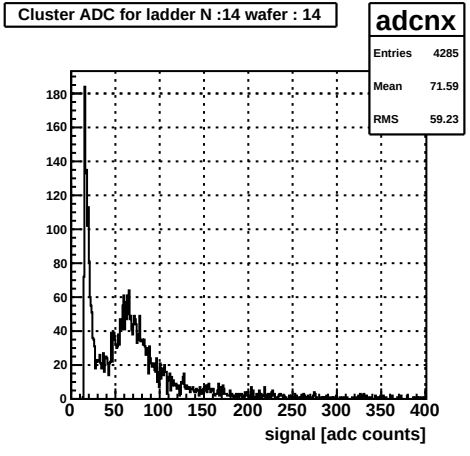

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 3450
Mean 81.18
RMS 56.36
signal [adc counts]

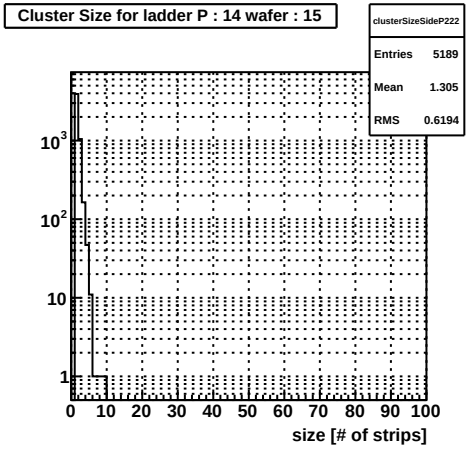

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 4689
Mean 1.428
RMS 0.7119
size [# of strips]

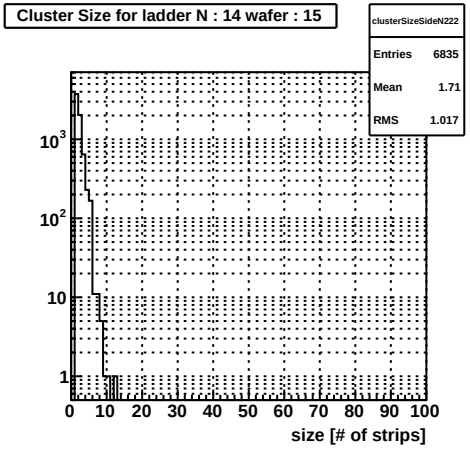

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 4285
Mean 1.538
RMS 0.8013
size [# of strips]

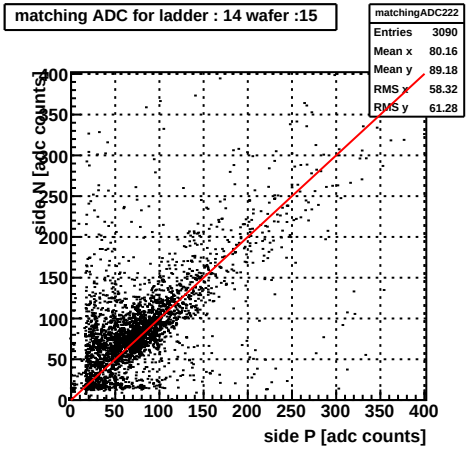

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 3035
Mean x 86.89
Mean y 87.62
RMS x 60.08
RMS y 56.26
side N [adc counts]
side P [adc counts]

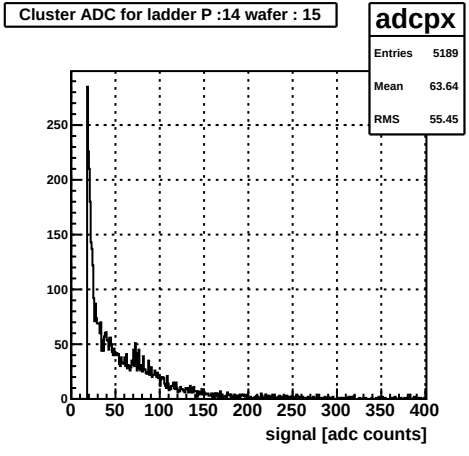

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 4689
Mean 81.85
RMS 58.16
signal [adc counts]

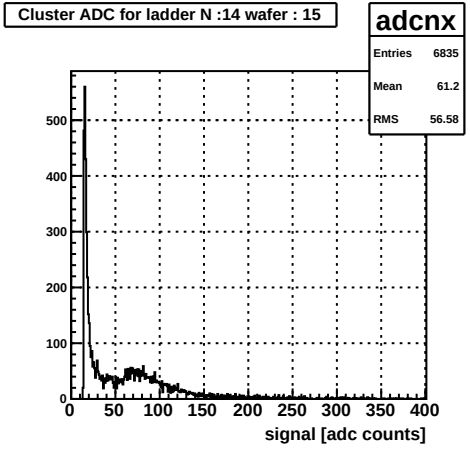

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 4285
Mean 71.59
RMS 59.23
signal [adc counts]

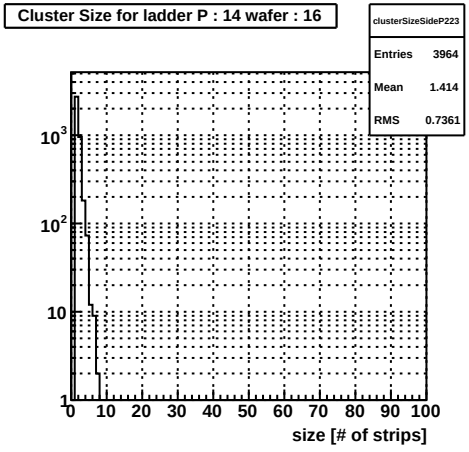

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 5189
Mean 1.305
RMS 0.6194
size [# of strips]

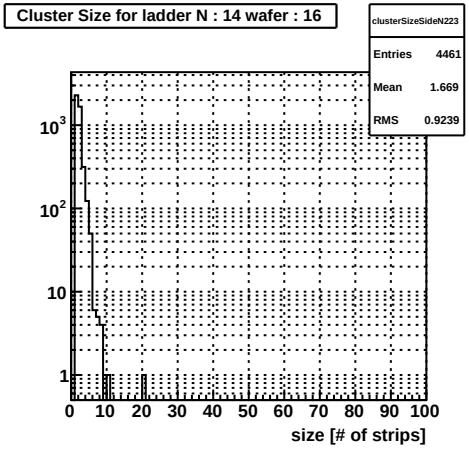

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 6835
Mean 1.71
RMS 1.017
size [# of strips]

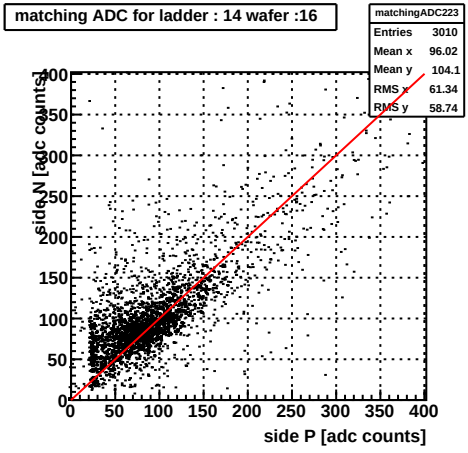

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 3090
Mean x 80.16
Mean y 89.18
RMS x 58.32
RMS y 61.28
side N [adc counts]
side P [adc counts]

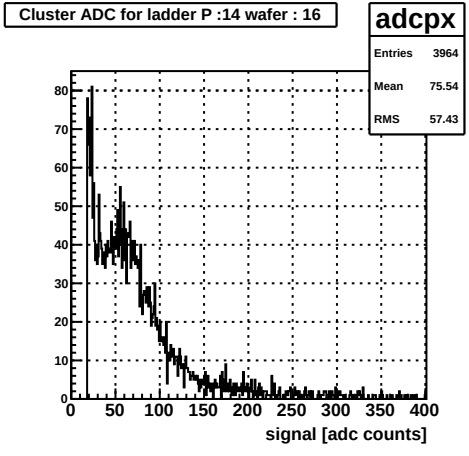

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 5189
Mean 63.64
RMS 55.45
signal [adc counts]

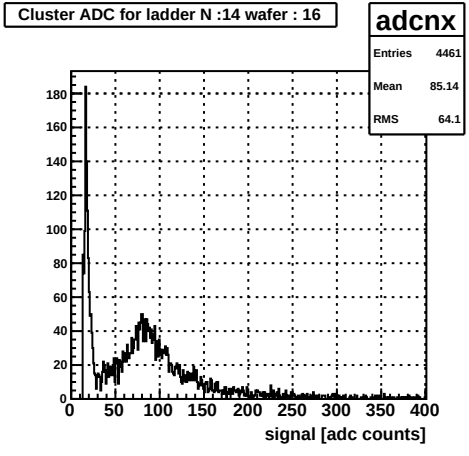

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 6835
Mean 61.2
RMS 56.58
signal [adc counts]

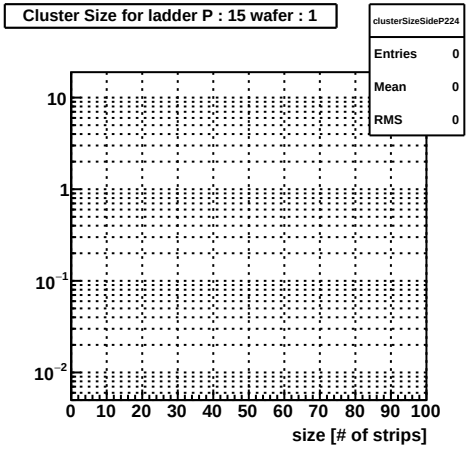

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 3964
Mean 1.414
RMS 0.7361
size [# of strips]

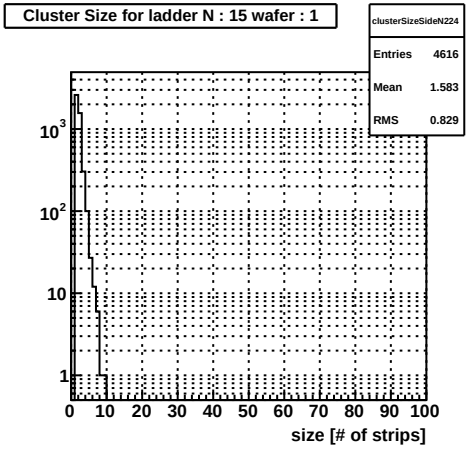

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 4461
Mean 1.669
RMS 0.9239
size [# of strips]

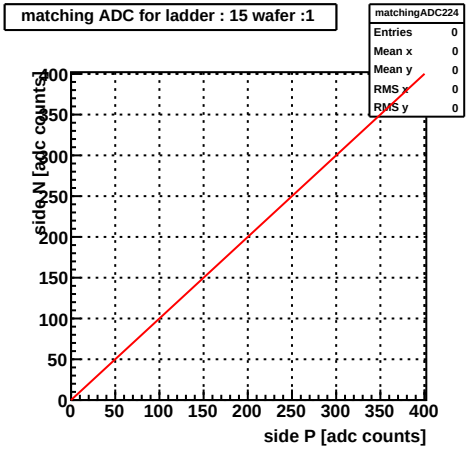

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 3010
Mean x 96.02
Mean y 104.1
RMS x 61.34
RMS y 58.74
side N [adc counts]
side P [adc counts]

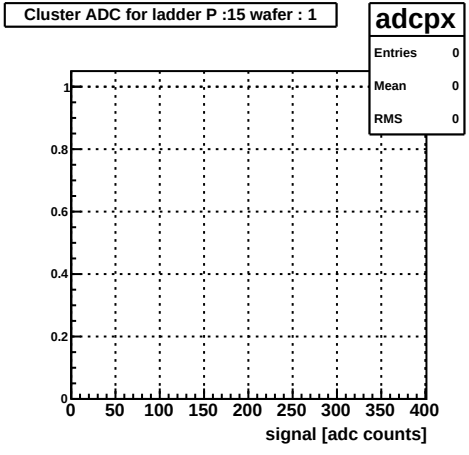

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 3964
Mean 75.54
RMS 57.43
signal [adc counts]

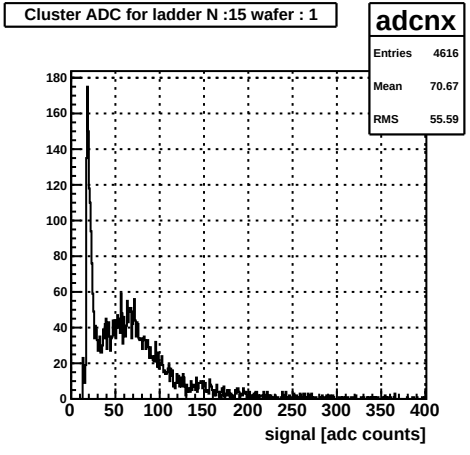

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 4461
Mean 85.14
RMS 64.1
signal [adc counts]

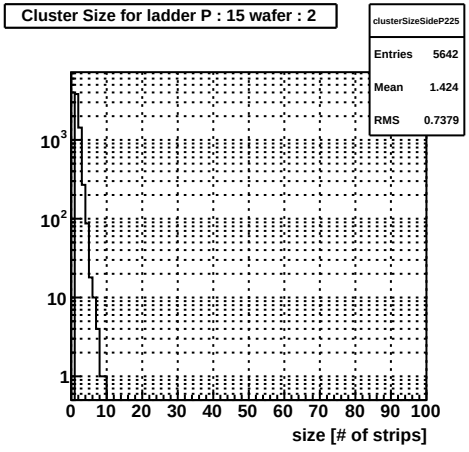

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

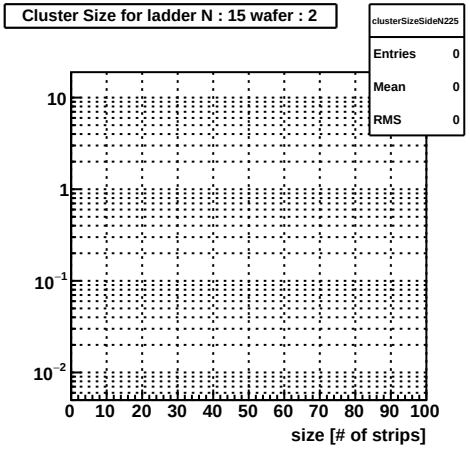

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 4616
Mean 1.583
RMS 0.829
size [# of strips]

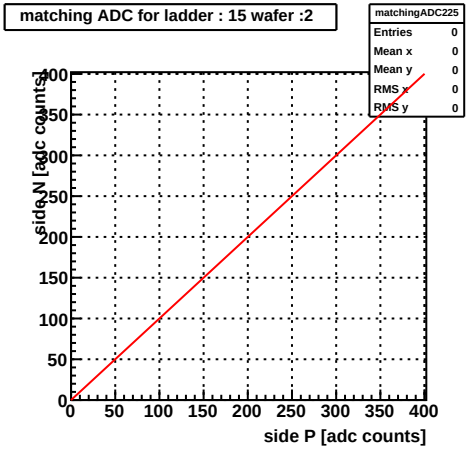

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

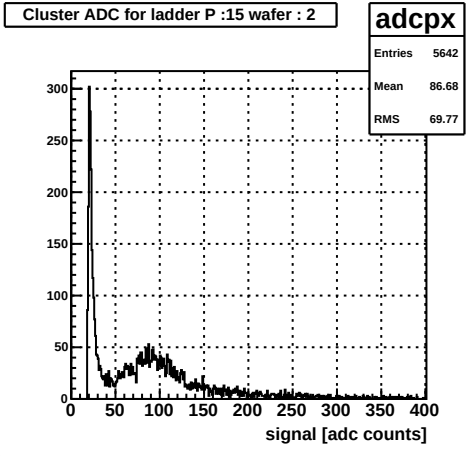

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

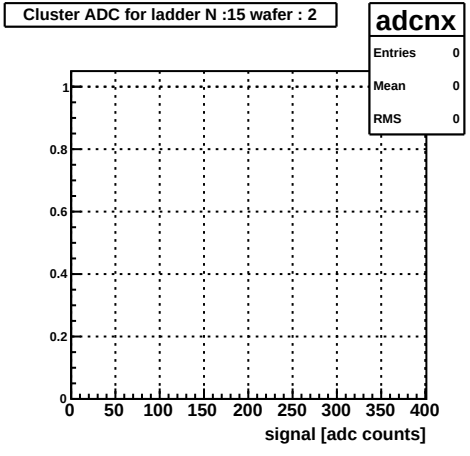

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 4616
Mean 70.67
RMS 55.59
signal [adc counts]

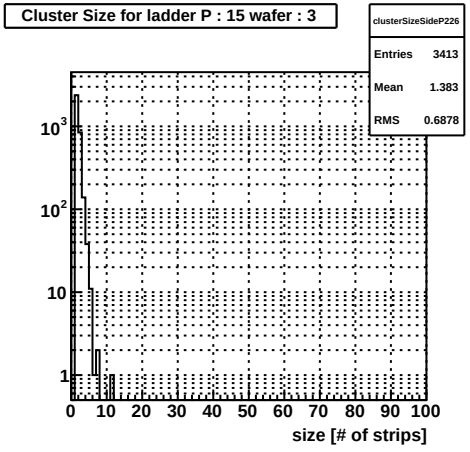

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 5642
Mean 1.424
RMS 0.7379
size [# of strips]

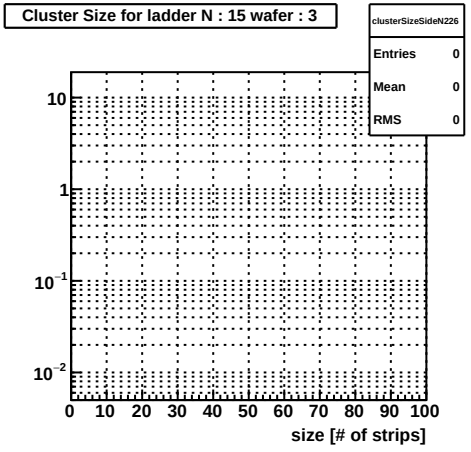

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

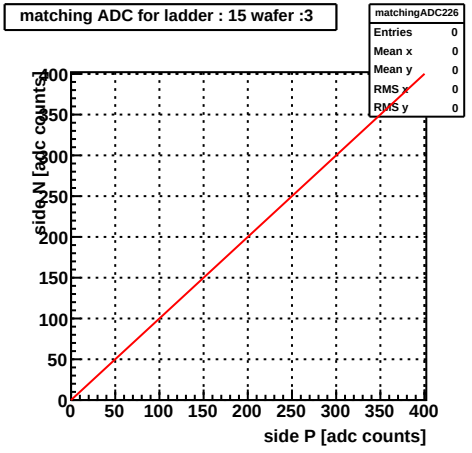

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

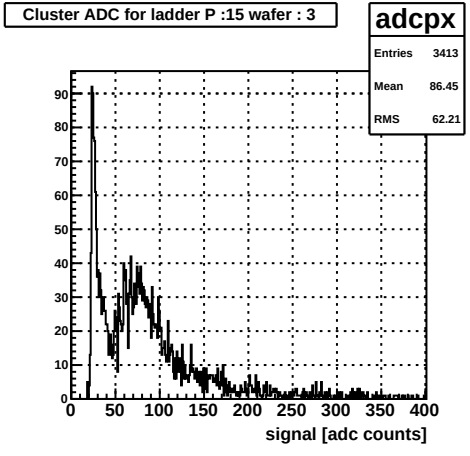

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 5642
Mean 86.68
RMS 69.77
signal [adc counts]

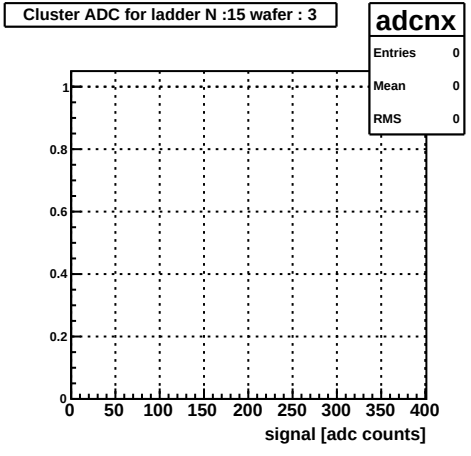

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

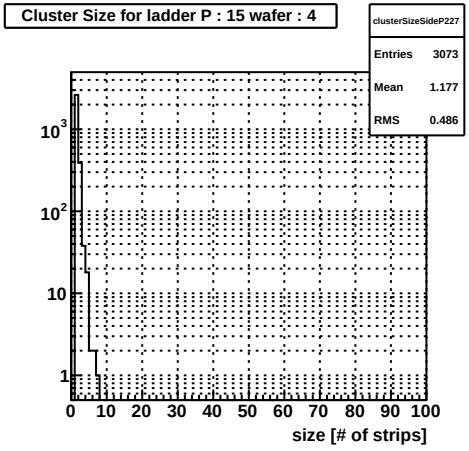

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3413
Mean 1.383
RMS 0.6878
size [# of strips]

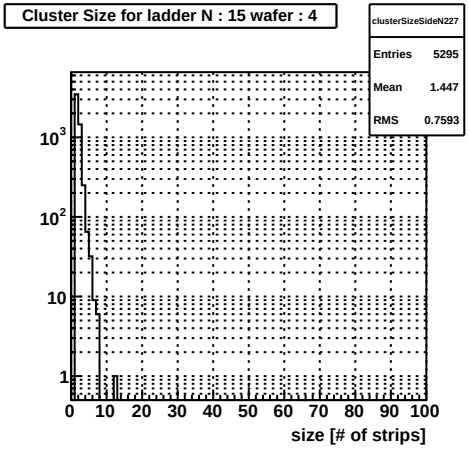

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

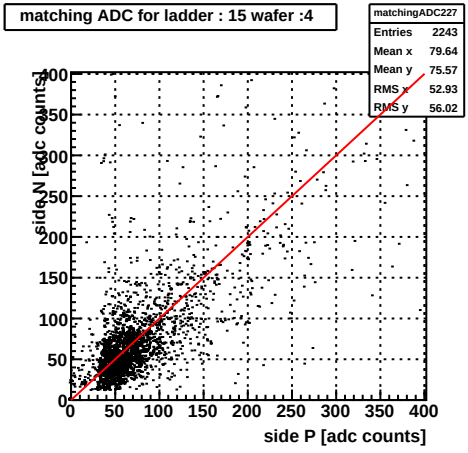

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

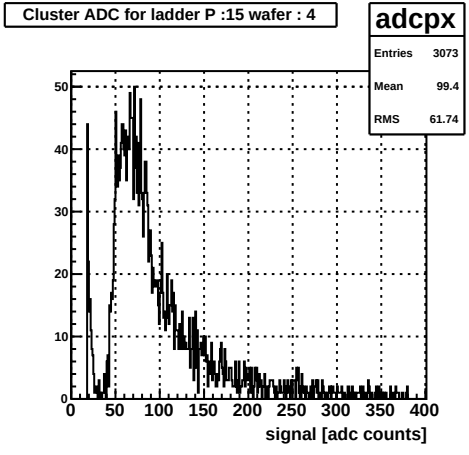

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3413
Mean 86.45
RMS 62.21
signal [adc counts]

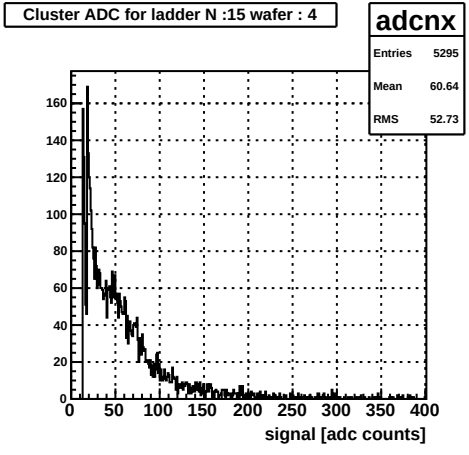

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

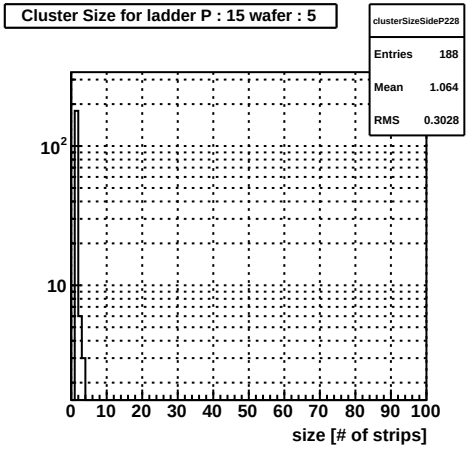

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 3073
Mean 1.177
RMS 0.486
size [# of strips]

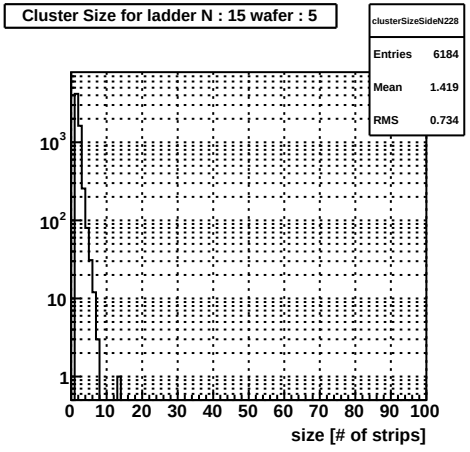

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 5295
Mean 1.447
RMS 0.7593
size [# of strips]

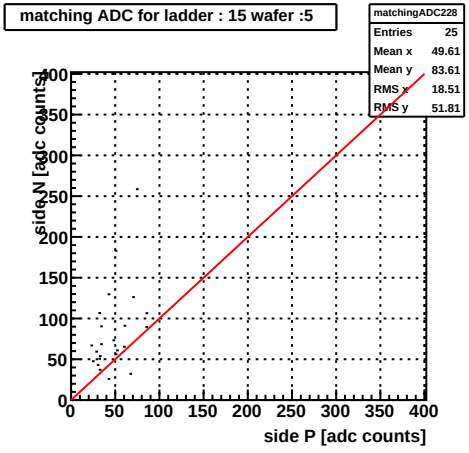

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 2243
Mean x 79.64
Mean y 75.57
RMS x 52.93
RMS y 56.02
side N [adc counts]
side P [adc counts]

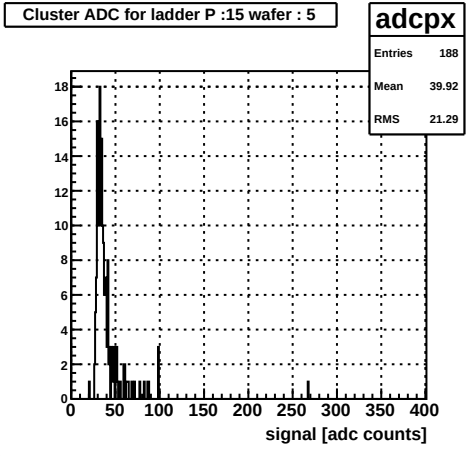

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 3073
Mean 99.4
RMS 61.74
signal [adc counts]

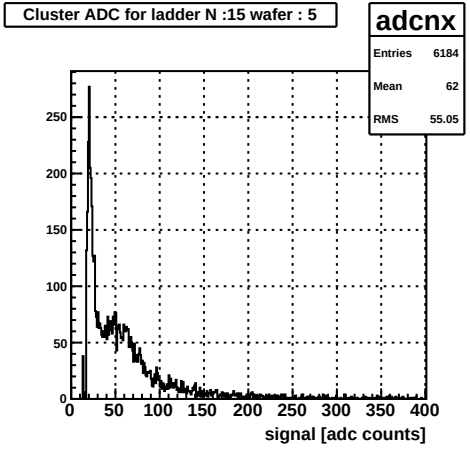

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 5295
Mean 60.64
RMS 52.73
signal [adc counts]

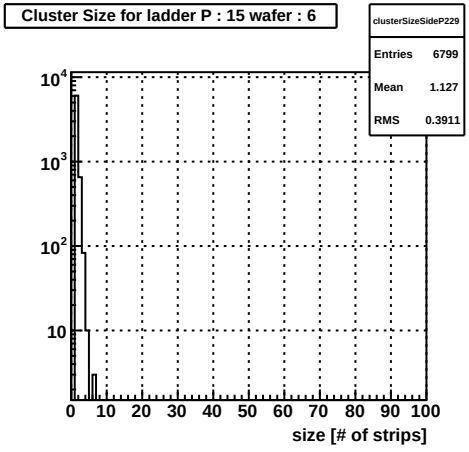

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 188
Mean 1.064
RMS 0.3028
size [# of strips]

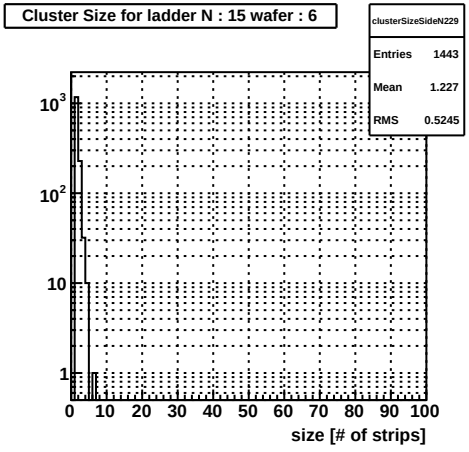

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6184
Mean 1.419
RMS 0.734
size [# of strips]

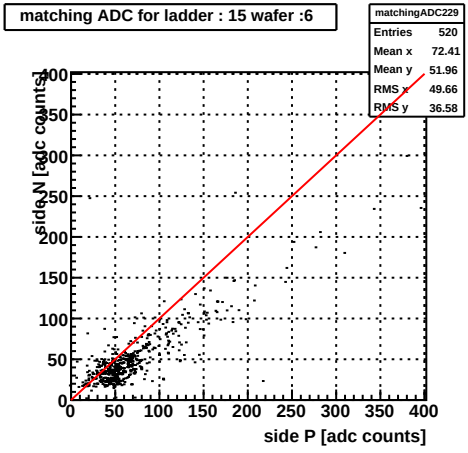

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 25
Mean x 49.61
Mean y 83.61
RMS x 18.51
RMS y 51.81
side N [adc counts]
side P [adc counts]

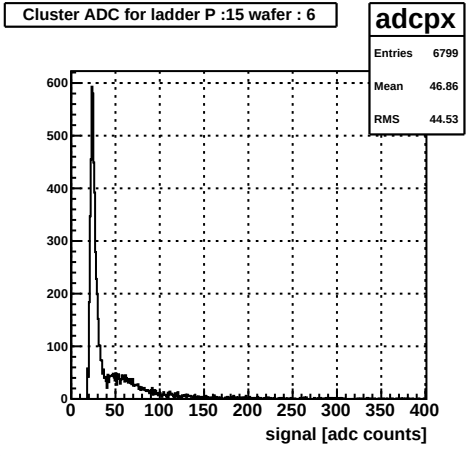

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 188
Mean 39.92
RMS 21.29
signal [adc counts]

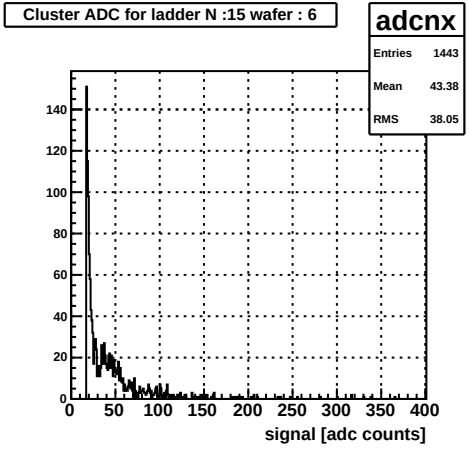

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6184
Mean 62
RMS 55.05
signal [adc counts]

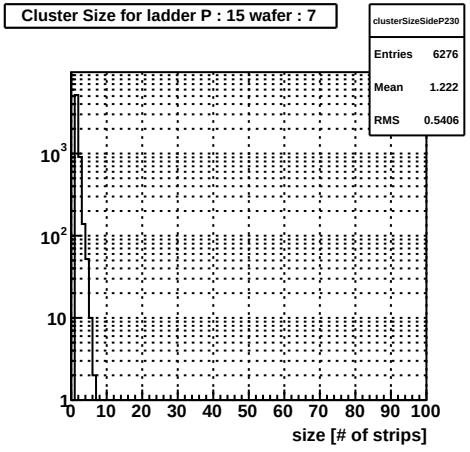

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 6799
Mean 1.127
RMS 0.3911
size [# of strips]

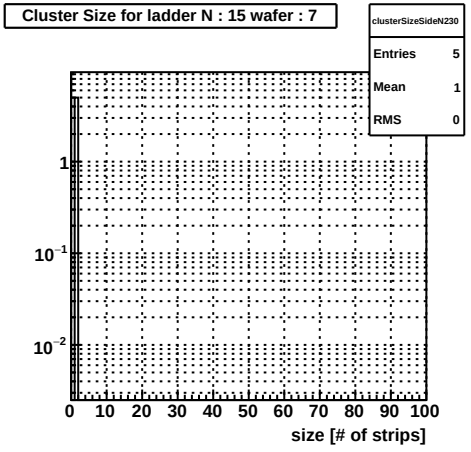

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1443
Mean 1.227
RMS 0.5245
size [# of strips]

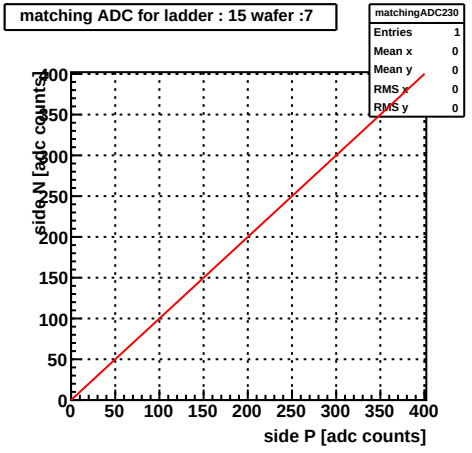

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 520
Mean x 72.41
Mean y 51.96
RMS x 49.66
RMS y 36.58
side N [adc counts]
side P [adc counts]

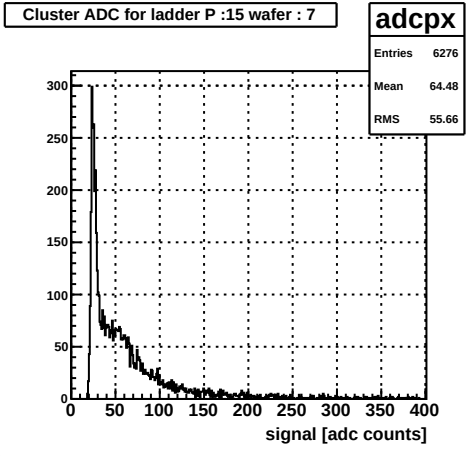

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 6799
Mean 46.86
RMS 44.53
signal [adc counts]

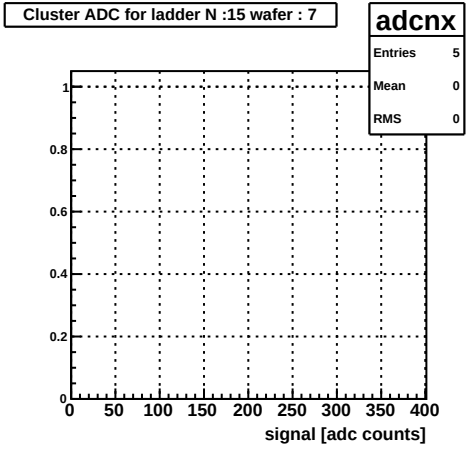

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1443
Mean 43.38
RMS 38.05
signal [adc counts]

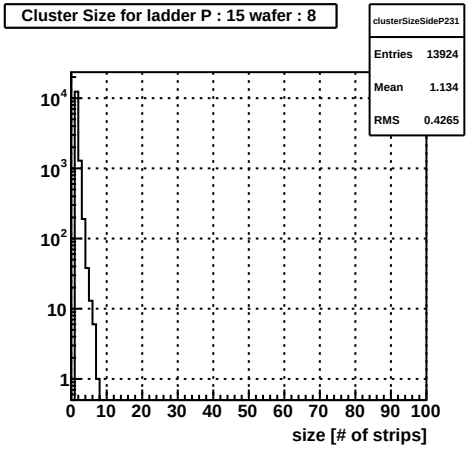

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 6276
Mean 1.222
RMS 0.5406
size [# of strips]

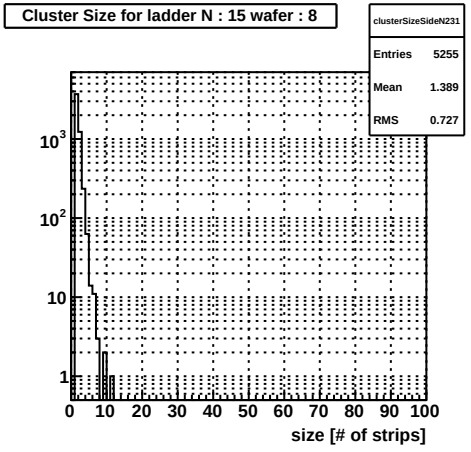

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 5
Mean 1
RMS 0
size [# of strips]

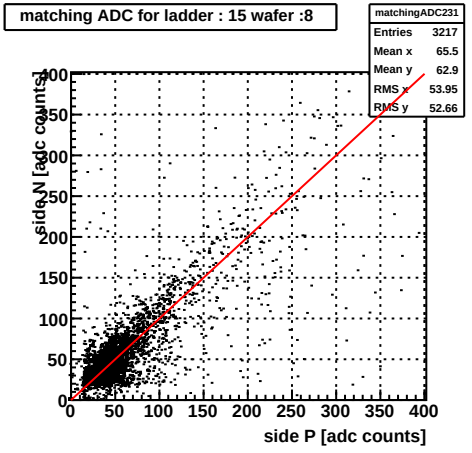

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

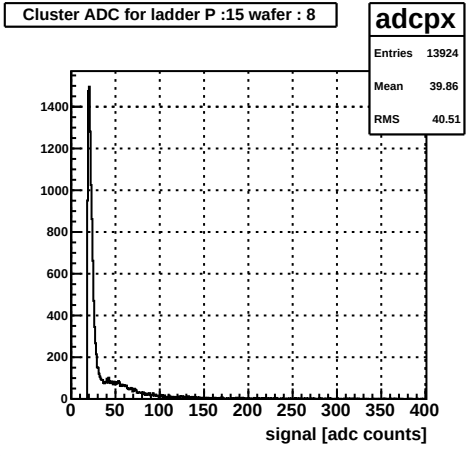

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 6276
Mean 64.48
RMS 55.66
signal [adc counts]

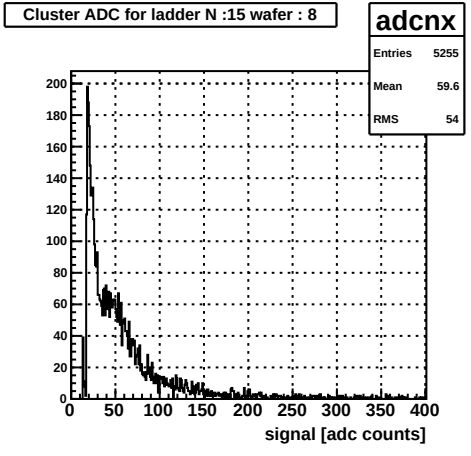

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

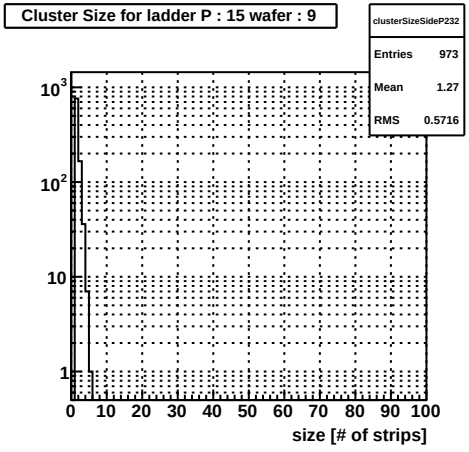

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 13924
Mean 1.134
RMS 0.4265
size [# of strips]

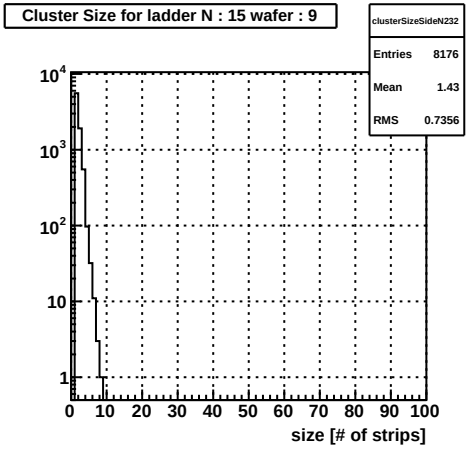

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 5255
Mean 1.389
RMS 0.727
size [# of strips]

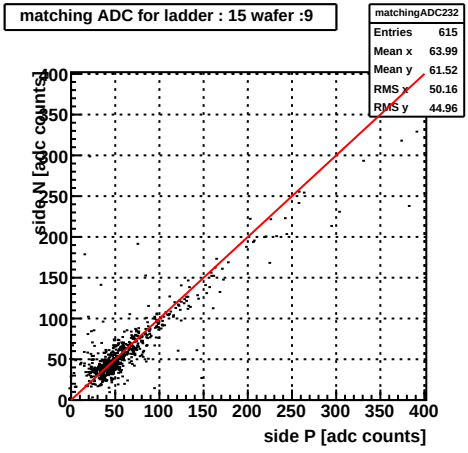

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 3217
Mean x 65.5
Mean y 62.9
RMS x 53.95
RMS y 52.66
side N [adc counts]
side P [adc counts]

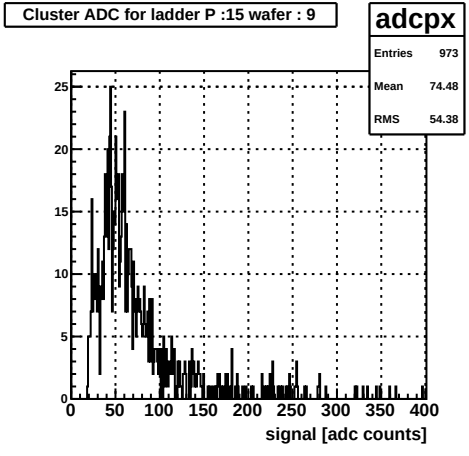

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 13924
Mean 39.86
RMS 40.51
signal [adc counts]

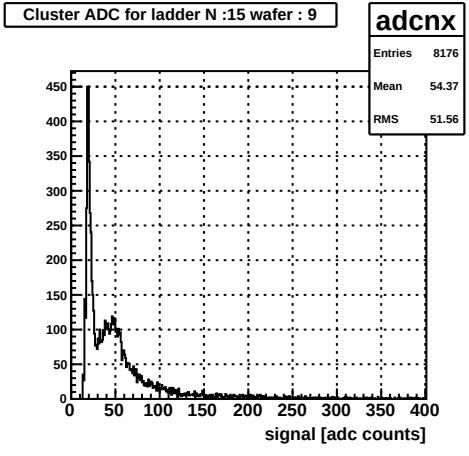

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 5255
Mean 59.6
RMS 54
signal [adc counts]

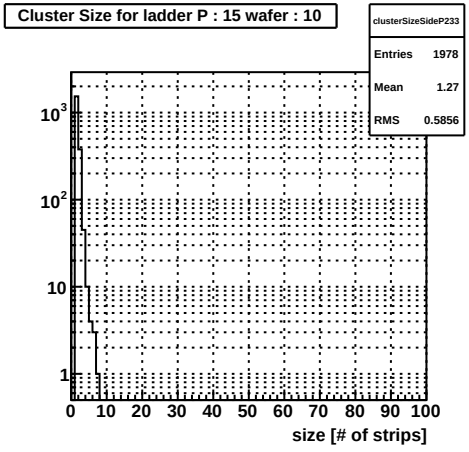

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 973
Mean 1.27
RMS 0.5716
size [# of strips]

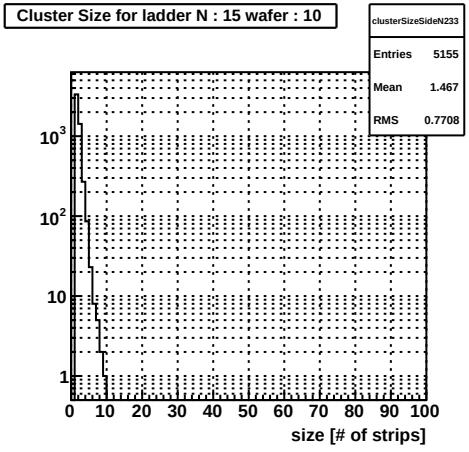

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 8176
Mean 1.43
RMS 0.7356
size [# of strips]

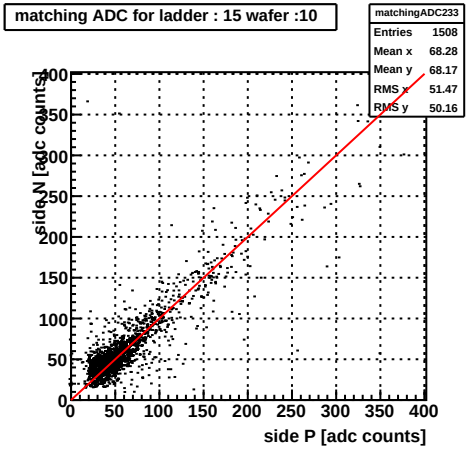

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 615
Mean x 63.99
Mean y 61.52
RMS x 50.16
RMS y 44.96
side N [adc counts]
side P [adc counts]

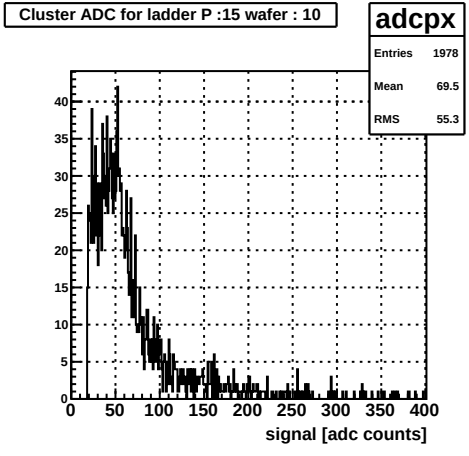

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 973
Mean 74.48
RMS 54.38
signal [adc counts]

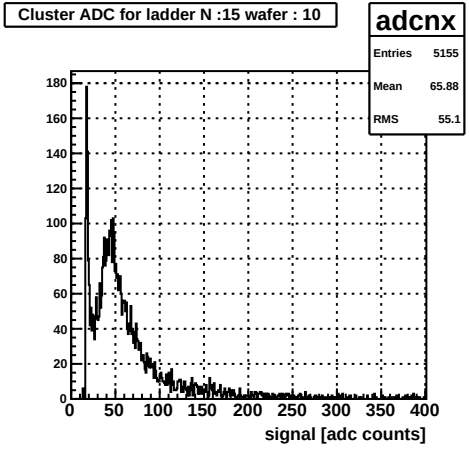

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 8176
Mean 54.37
RMS 51.56
signal [adc counts]

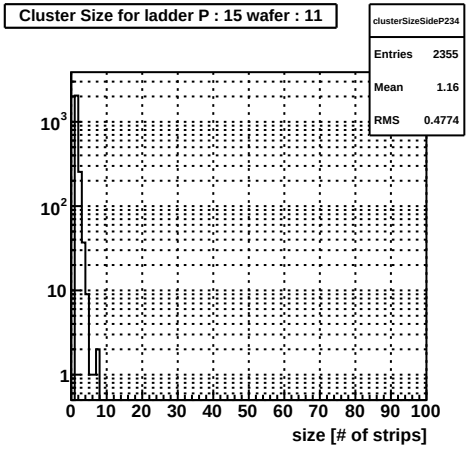

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 1978
Mean 1.27
RMS 0.5856
size [# of strips]

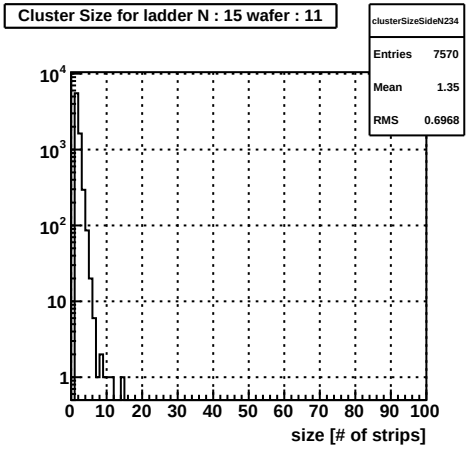

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 5155
Mean 1.467
RMS 0.7708
size [# of strips]

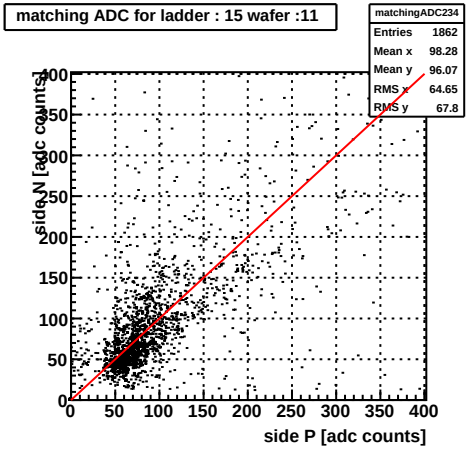

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 1508
Mean x 68.28
Mean y 68.17
RMS x 51.47
RMS y 50.16
side N [adc counts]
side P [adc counts]

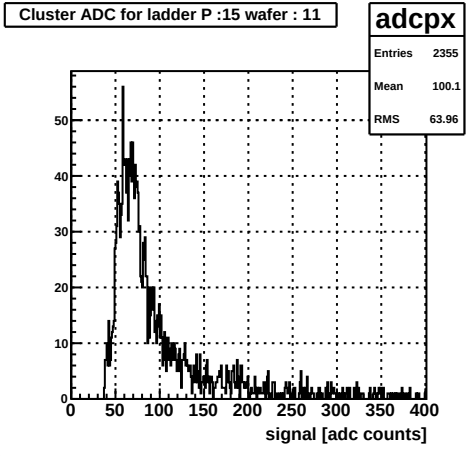

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 1978
Mean 69.5
RMS 55.3
signal [adc counts]

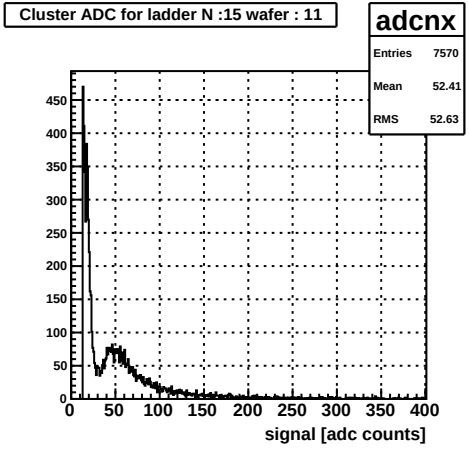

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 5155
Mean 65.88
RMS 55.1
signal [adc counts]

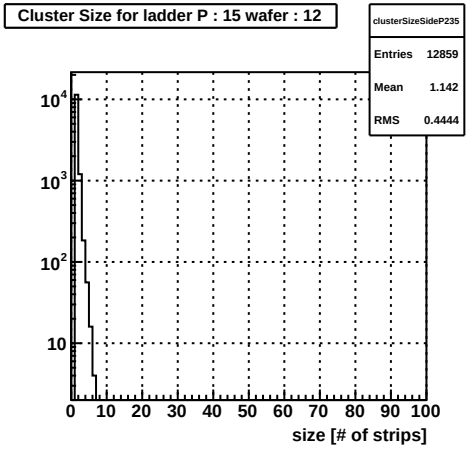

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 2355
Mean 1.16
RMS 0.4774
size [# of strips]

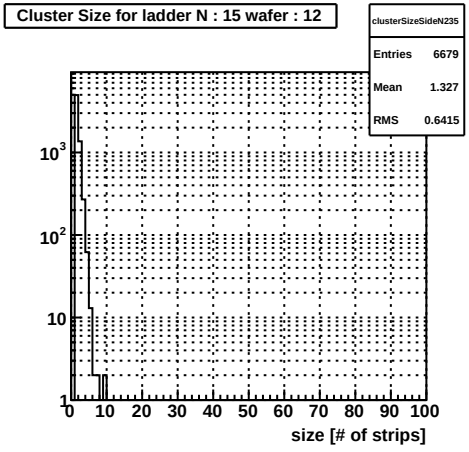

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 7570
Mean 1.35
RMS 0.6968
size [# of strips]

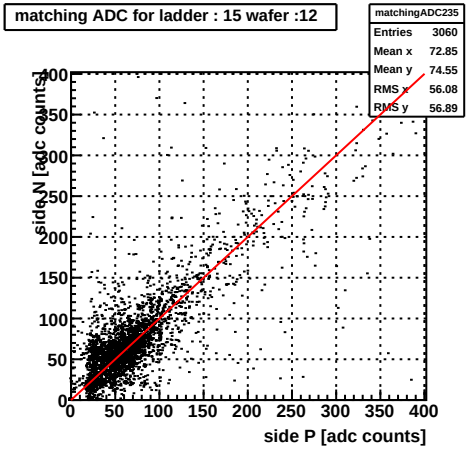

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1862
Mean x 98.28
Mean y 96.07
RMS x 64.65
RMS y 67.8
side N [adc counts]
side P [adc counts]

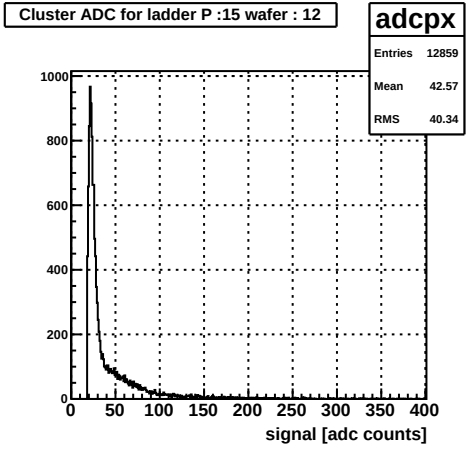

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 2355
Mean 100.1
RMS 63.96
signal [adc counts]

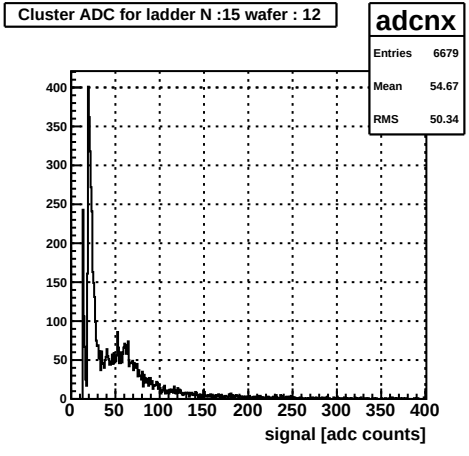

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 7570
Mean 52.41
RMS 52.63
signal [adc counts]

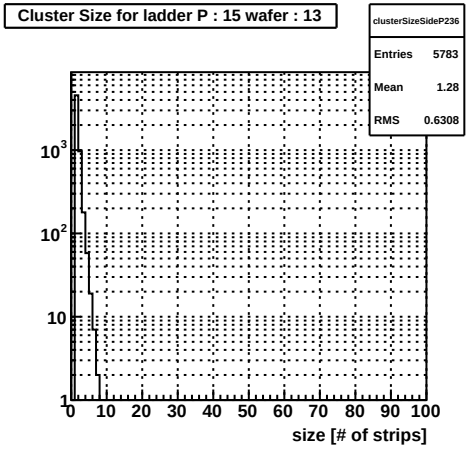

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 12859
Mean 1.142
RMS 0.4444
size [# of strips]

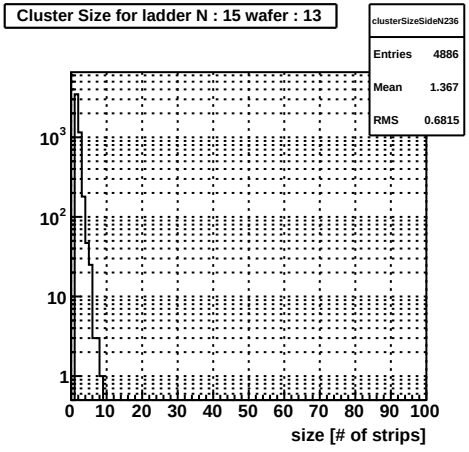

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 6679
Mean 1.327
RMS 0.6415
size [# of strips]

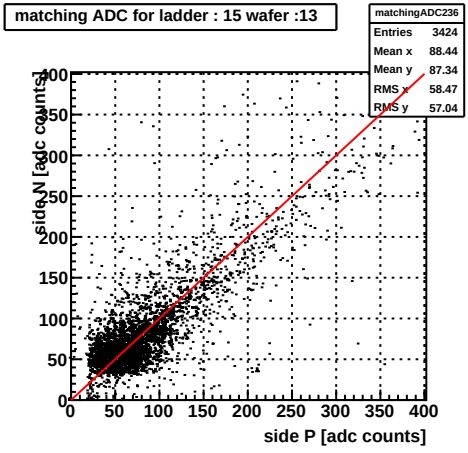

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 3060
Mean x 72.85
Mean y 74.55
RMS x 56.08
RMS y 56.89
side N [adc counts]
side P [adc counts]

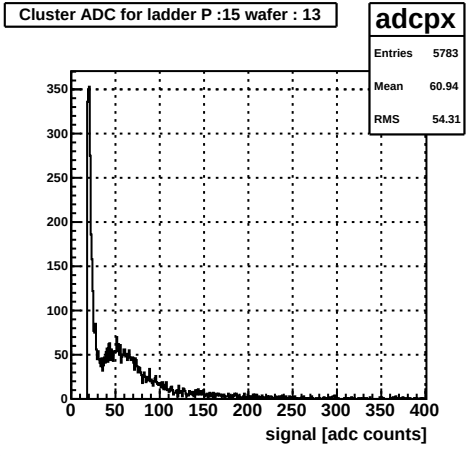

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 12859
Mean 42.57
RMS 40.34
signal [adc counts]

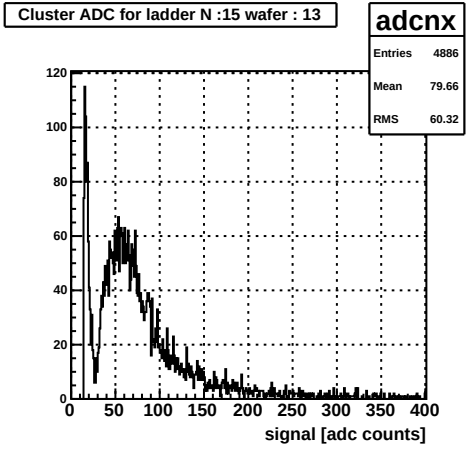

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 6679
Mean 54.67
RMS 50.34
signal [adc counts]

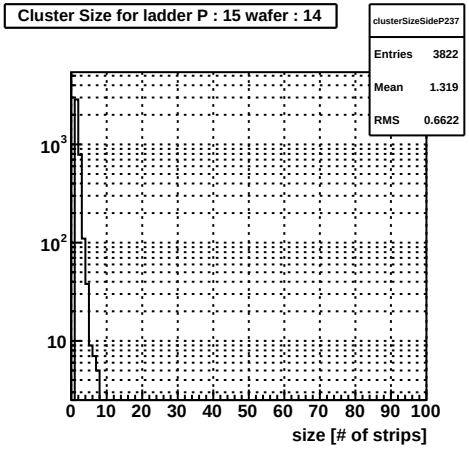

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5783
Mean 1.28
RMS 0.6308
size [# of strips]

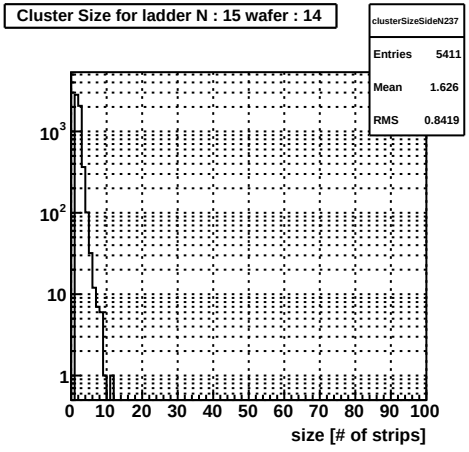

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 4886
Mean 1.367
RMS 0.6815
size [# of strips]

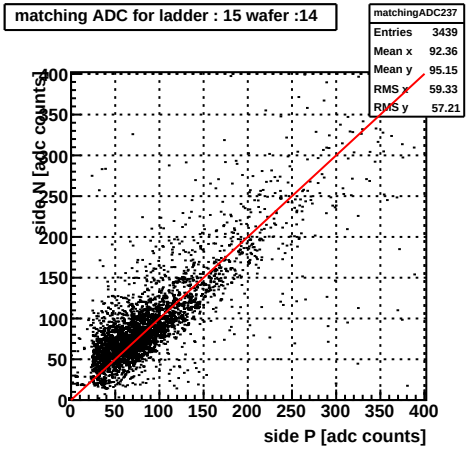

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 3424
Mean x 88.44
Mean y 87.34
RMS x 58.47
RMS y 57.04
side N [adc counts]
side P [adc counts]

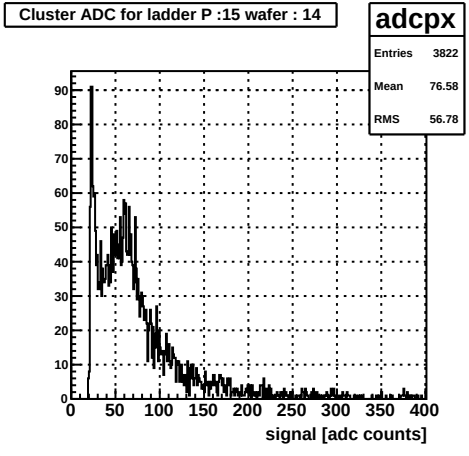

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5783
Mean 60.94
RMS 54.31
signal [adc counts]

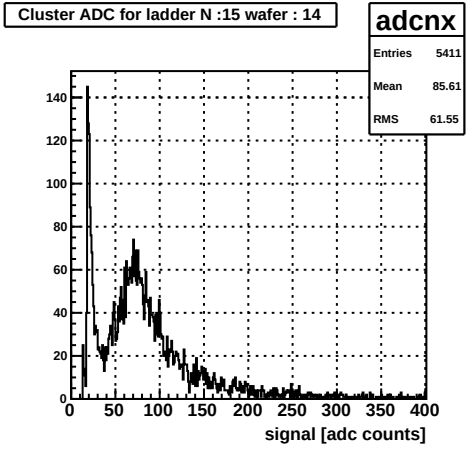

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 4886
Mean 79.66
RMS 60.32
signal [adc counts]

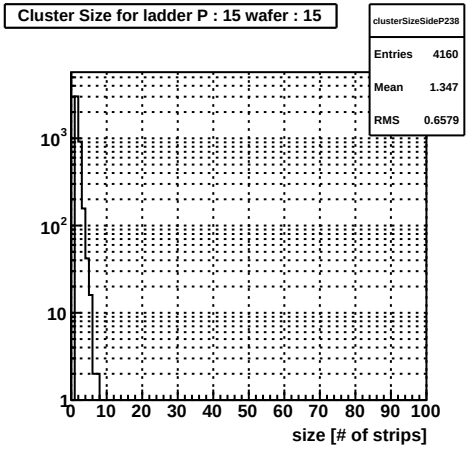

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3822
Mean 1.319
RMS 0.6622
size [# of strips]

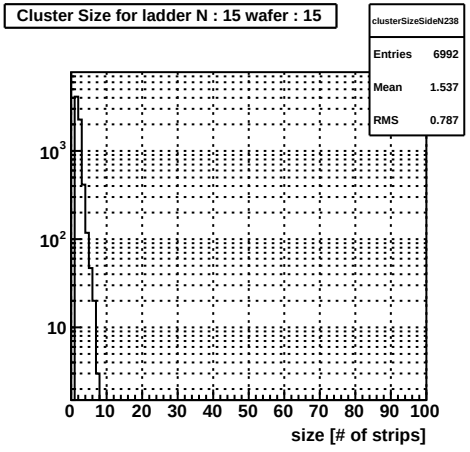

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 5411
Mean 1.626
RMS 0.8419
size [# of strips]

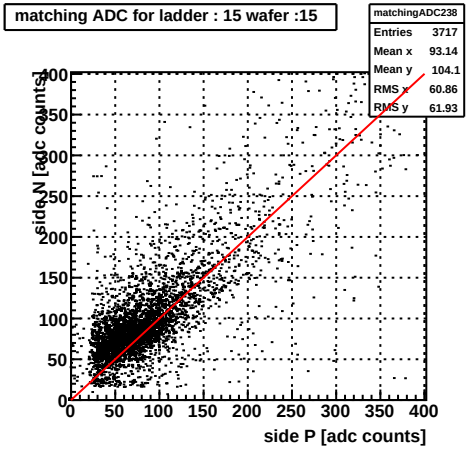

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 3439
Mean x 92.36
Mean y 95.15
RMS x 59.33
RMS y 57.21
side N [adc counts]
side P [adc counts]

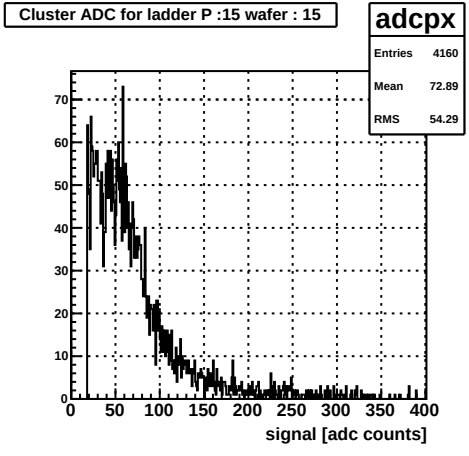

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3822
Mean 76.58
RMS 56.78
signal [adc counts]

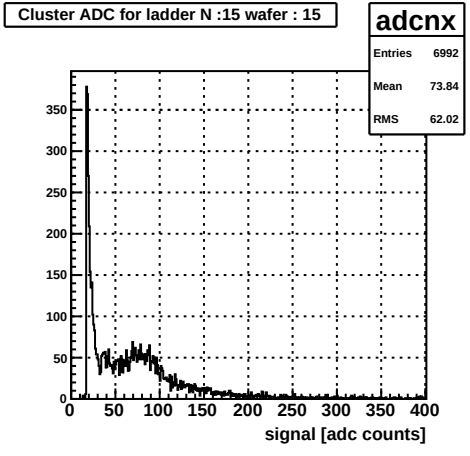

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 5411
Mean 85.61
RMS 61.55
signal [adc counts]

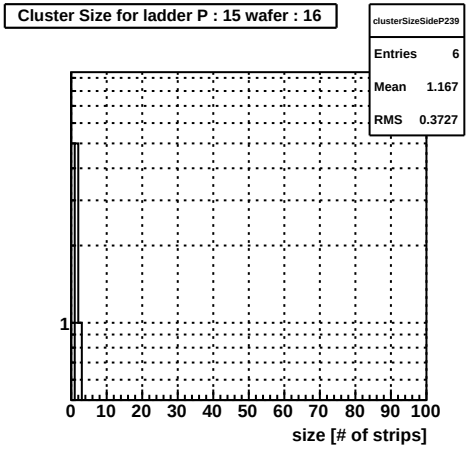

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 4160
Mean 1.347
RMS 0.6579
size [# of strips]

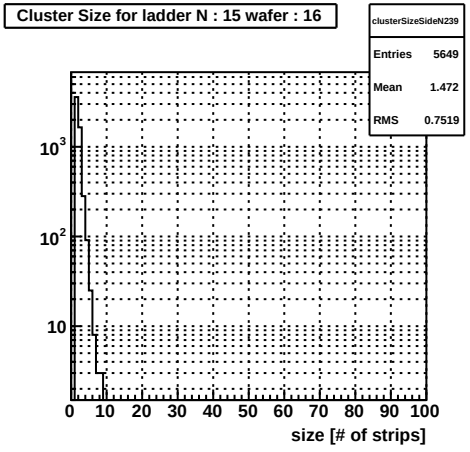

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 6992
Mean 1.537
RMS 0.787
size [# of strips]

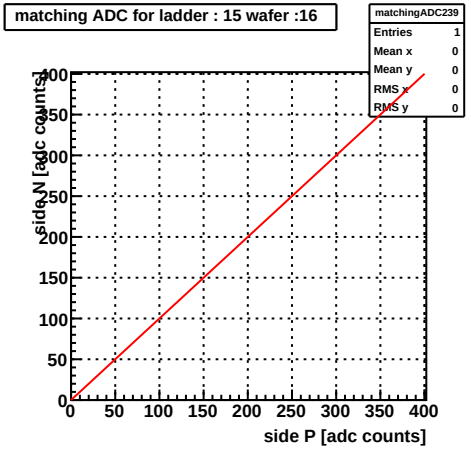

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 3717
Mean x 93.14
Mean y 104.1
RMS x 60.86
RMS y 61.93
side N [adc counts]
side P [adc counts]

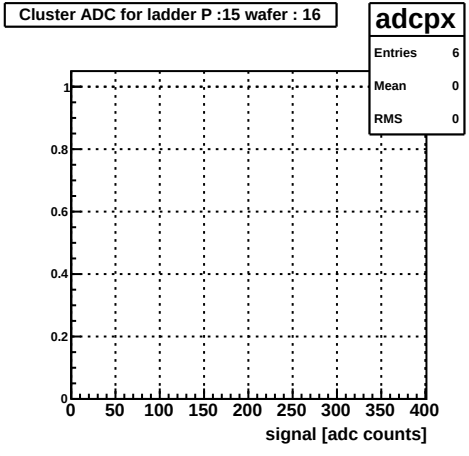

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 4160
Mean 72.89
RMS 54.29
signal [adc counts]

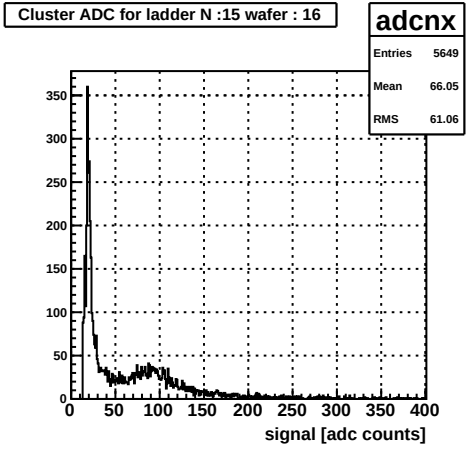

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 6992
Mean 73.84
RMS 62.02
signal [adc counts]

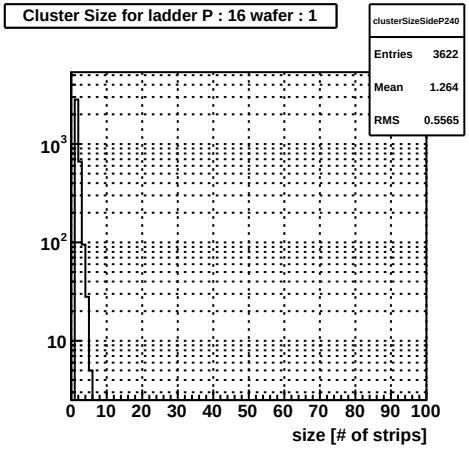

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

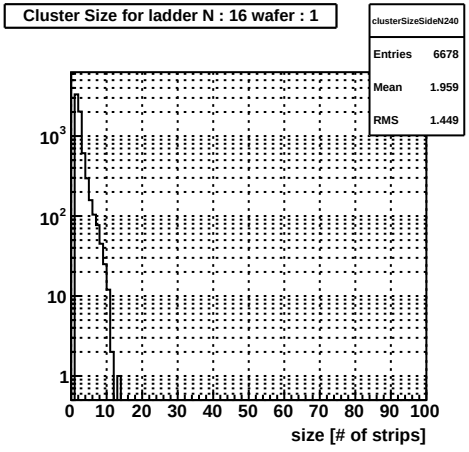

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 5649
Mean 1.472
RMS 0.7519
size [# of strips]

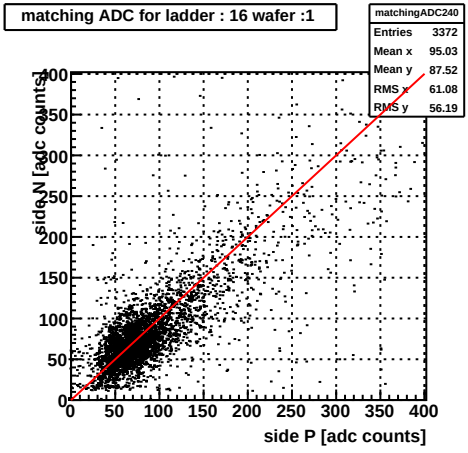

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

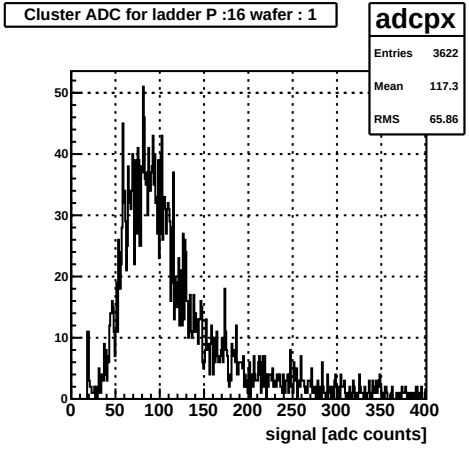

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

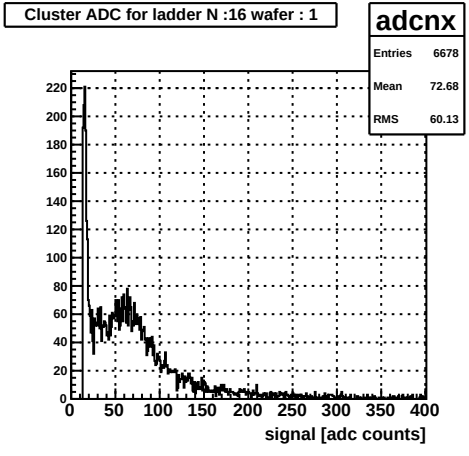

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 5649
Mean 66.05
RMS 61.06
signal [adc counts]

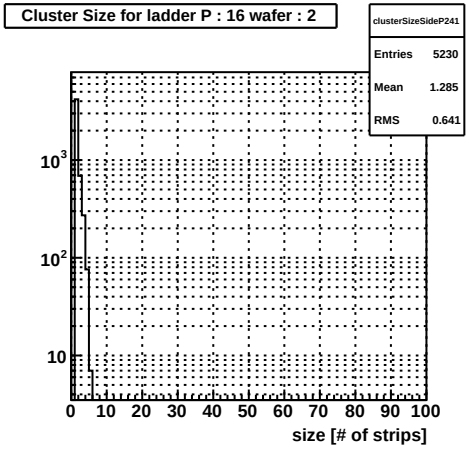

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 3622
Mean 1.264
RMS 0.5565
size [# of strips]

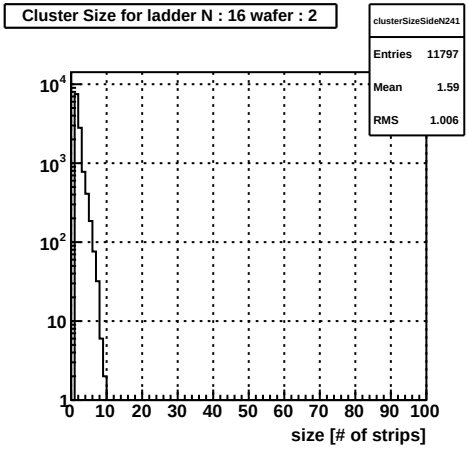

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 6678
Mean 1.959
RMS 1.449
size [# of strips]

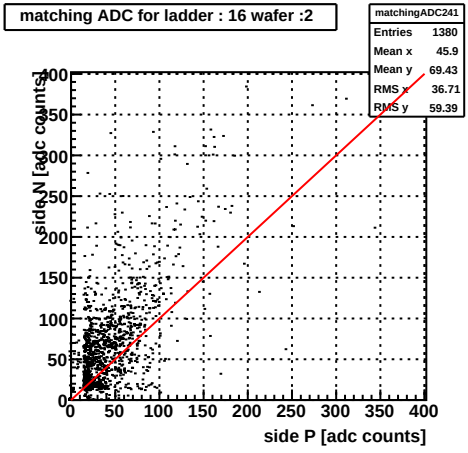

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 3372
Mean x 95.03
Mean y 87.52
RMS x 61.08
RMS y 56.19
side N [adc counts]
side P [adc counts]

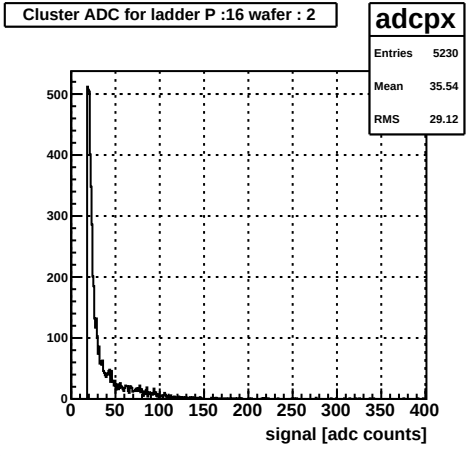

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 3622
Mean 117.3
RMS 65.86
signal [adc counts]

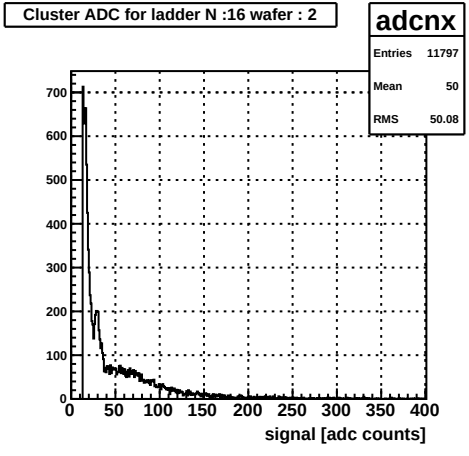

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 6678
Mean 72.68
RMS 60.13
signal [adc counts]

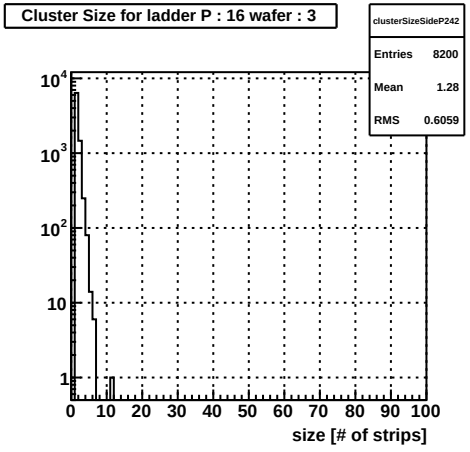

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 5230
Mean 1.285
RMS 0.641
size [# of strips]

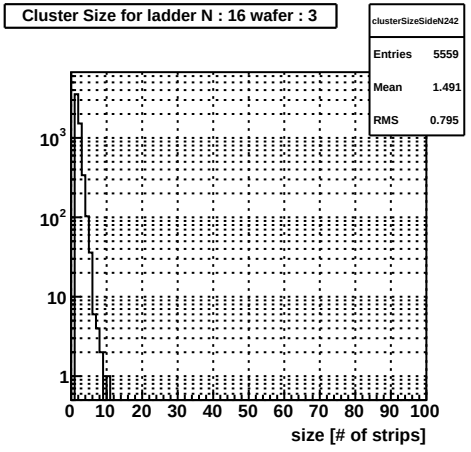

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 11797
Mean 1.59
RMS 1.006
size [# of strips]

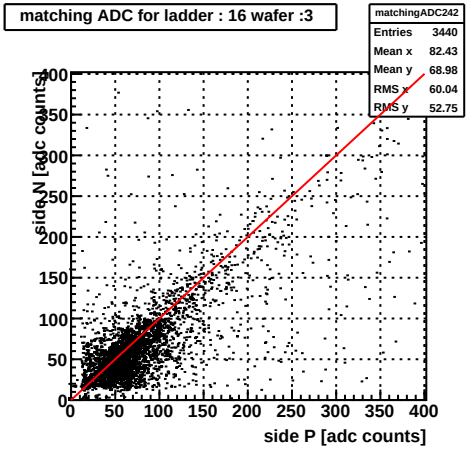

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1380
Mean x 45.9
Mean y 69.43
RMS x 36.71
RMS y 59.39
side N [adc counts]
side P [adc counts]

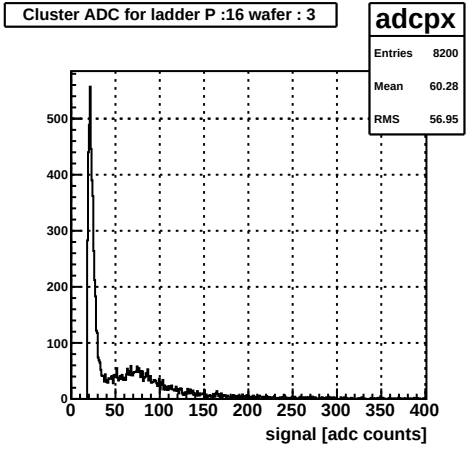

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 5230
Mean 35.54
RMS 29.12
signal [adc counts]

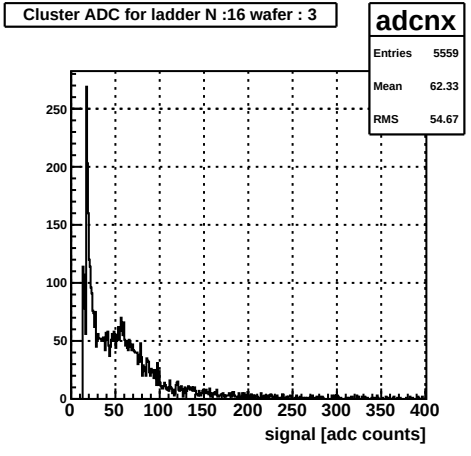

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 11797
Mean 50
RMS 50.08
signal [adc counts]

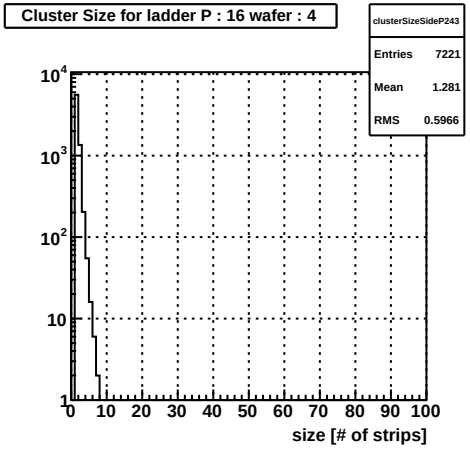

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 8200
Mean 1.28
RMS 0.6059
size [# of strips]

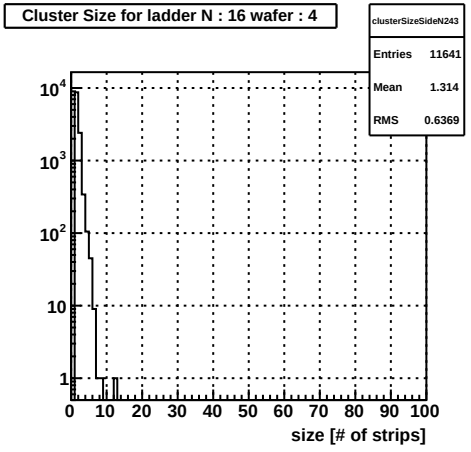

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 5559
Mean 1.491
RMS 0.795
size [# of strips]

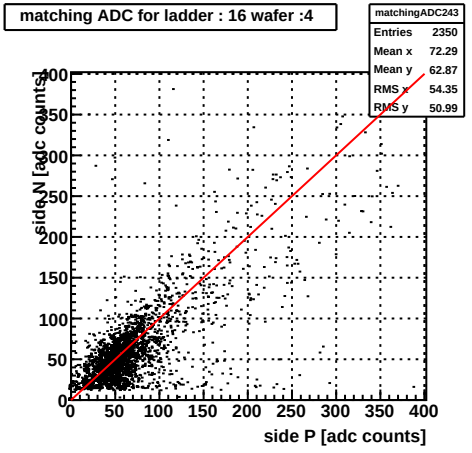

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 3440
Mean x 82.43
Mean y 68.98
RMS x 60.04
RMS y 52.75
side N [adc counts]
side P [adc counts]

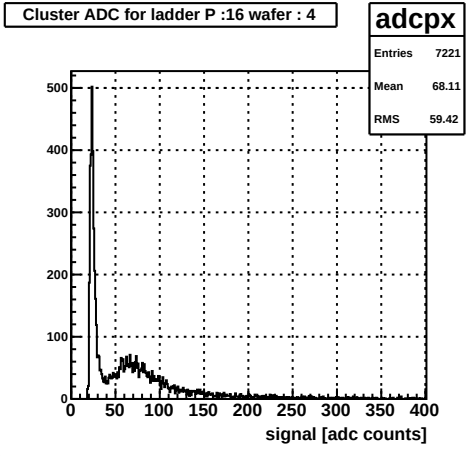

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 8200
Mean 60.28
RMS 56.95
signal [adc counts]

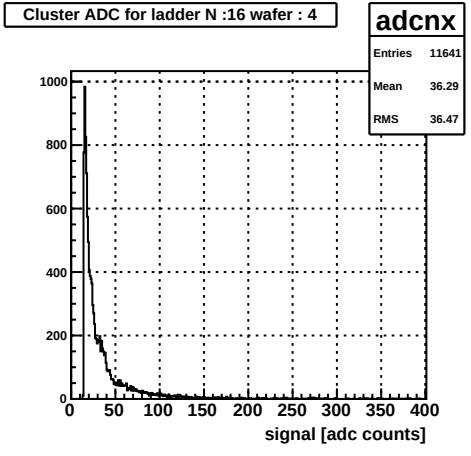

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 5559
Mean 62.33
RMS 54.67
signal [adc counts]

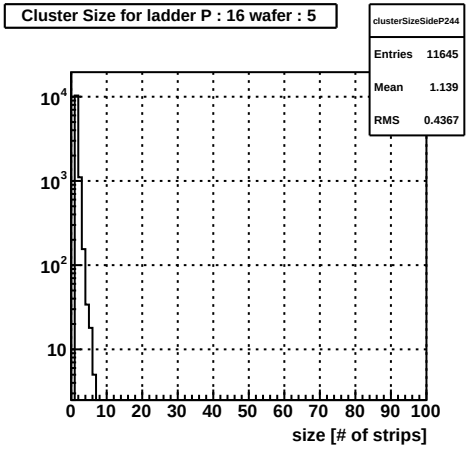

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 7221
Mean 1.281
RMS 0.5966
size [# of strips]

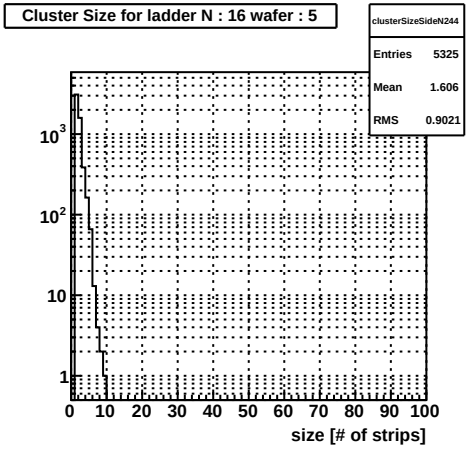

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11641
Mean 1.314
RMS 0.6369
size [# of strips]

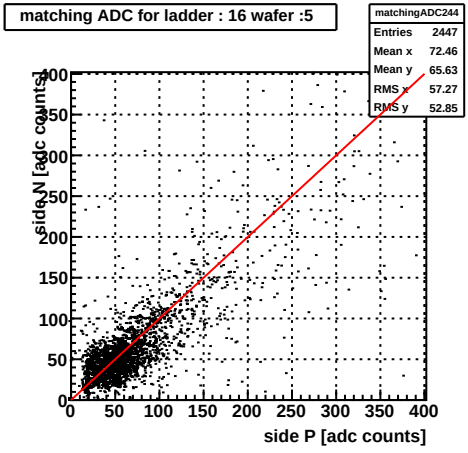

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 2350
Mean x 72.29
Mean y 62.87
RMS x 54.35
RMS y 50.99
side N [adc counts]
side P [adc counts]

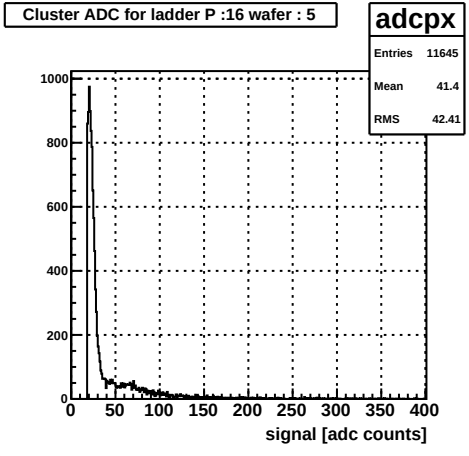

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 7221
Mean 68.11
RMS 59.42
signal [adc counts]

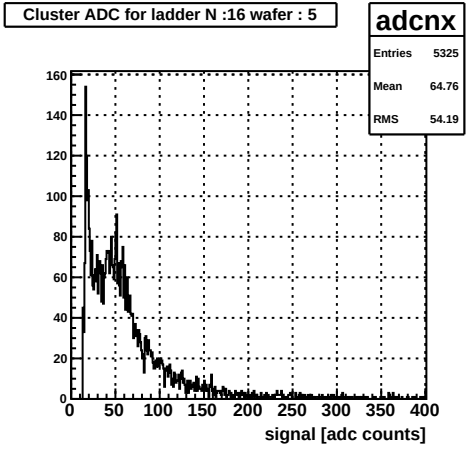

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11641
Mean 36.29
RMS 36.47
signal [adc counts]

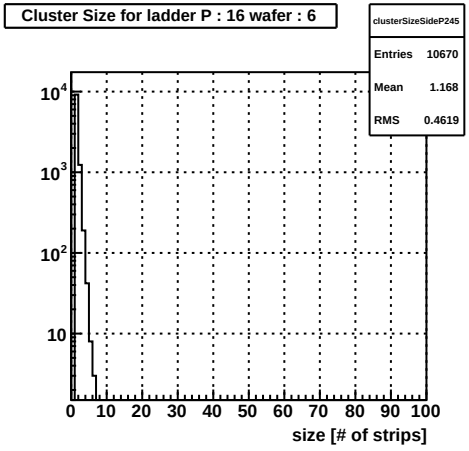

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 11645
Mean 1.139
RMS 0.4367
size [# of strips]

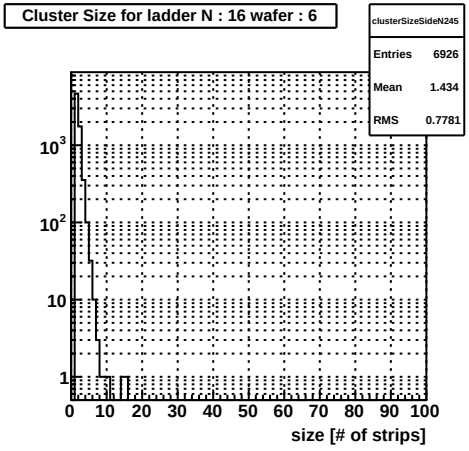

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 5325
Mean 1.606
RMS 0.9021
size [# of strips]

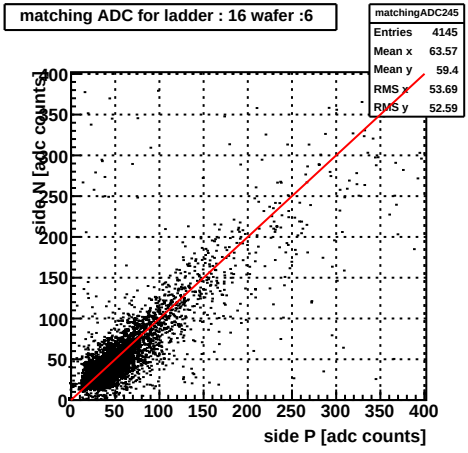

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 2447
Mean x 72.46
Mean y 65.63
RMS x 57.27
RMS y 52.85
side N [adc counts]
side P [adc counts]

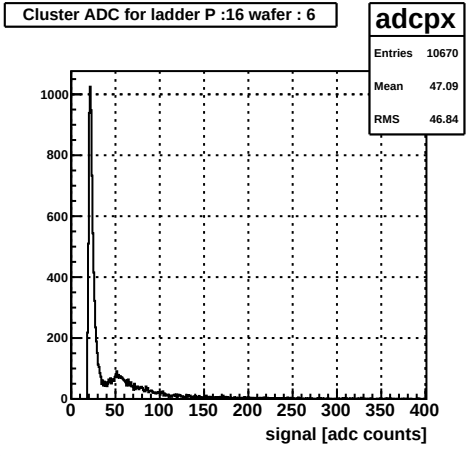

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 11645
Mean 41.4
RMS 42.41
signal [adc counts]

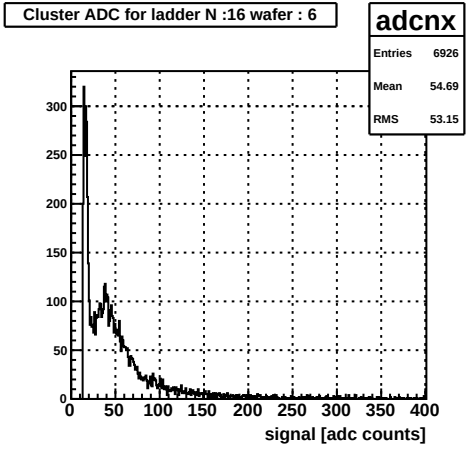

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 5325
Mean 64.76
RMS 54.19
signal [adc counts]

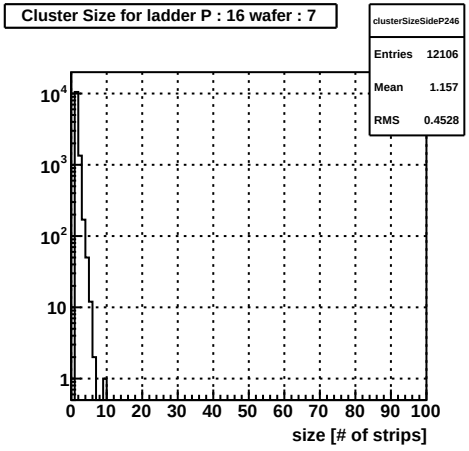

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 10670
Mean 1.168
RMS 0.4619
size [# of strips]

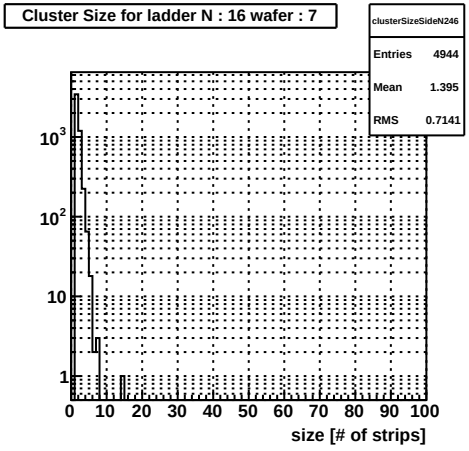

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6926
Mean 1.434
RMS 0.7781
size [# of strips]

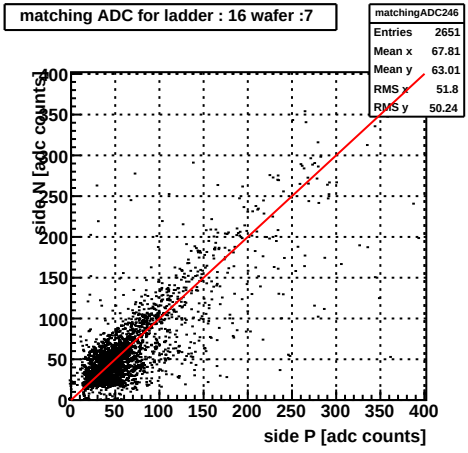

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 4145
Mean x 63.57
Mean y 59.4
RMS x 53.69
RMS y 52.59
side N [adc counts]
side P [adc counts]

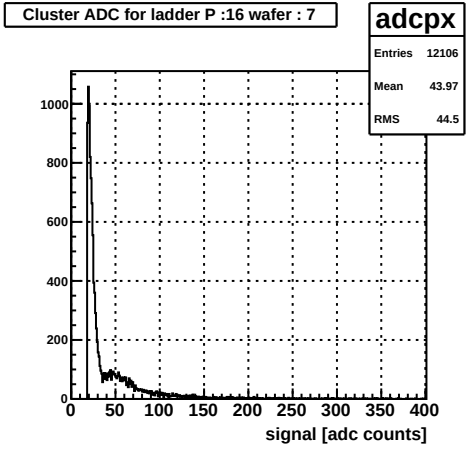

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 10670
Mean 47.09
RMS 46.84
signal [adc counts]

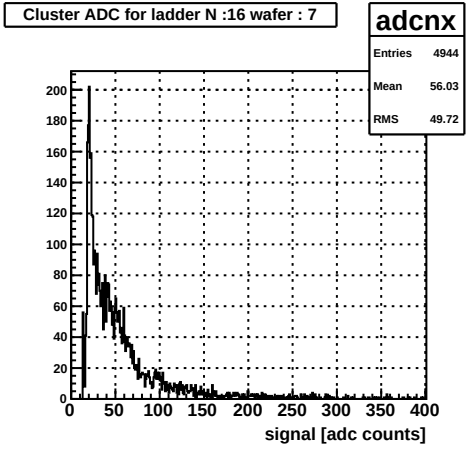

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6926
Mean 54.69
RMS 53.15
signal [adc counts]

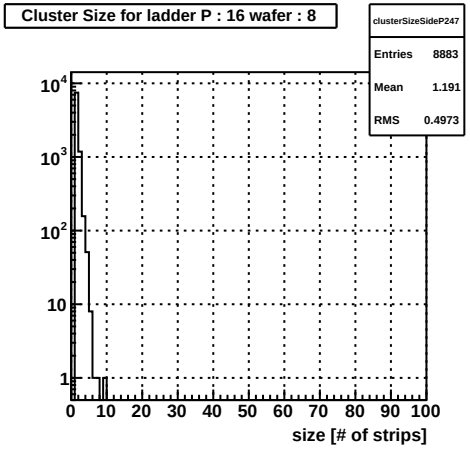

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12106
Mean 1.157
RMS 0.4528
size [# of strips]

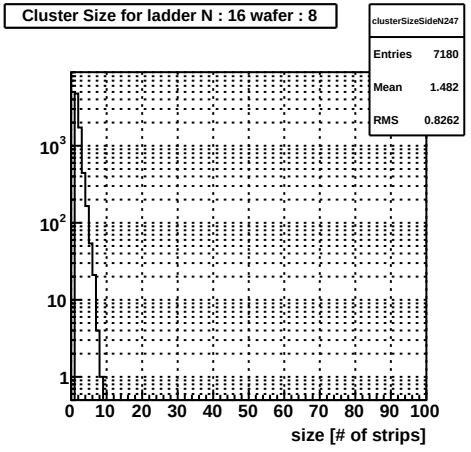

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4944
Mean 1.395
RMS 0.7141
size [# of strips]

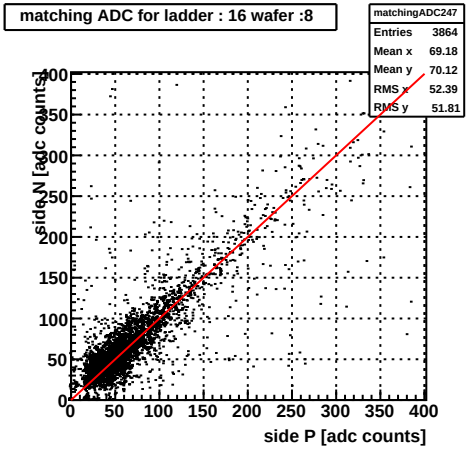

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 2651
Mean x 67.81
Mean y 63.01
RMS x 51.8
RMS y 50.24
side N [adc counts]
side P [adc counts]

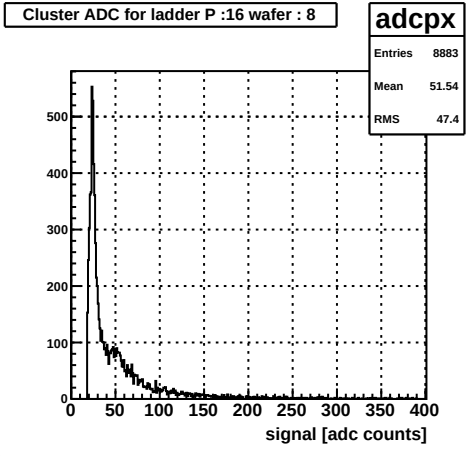

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12106
Mean 43.97
RMS 44.5
signal [adc counts]

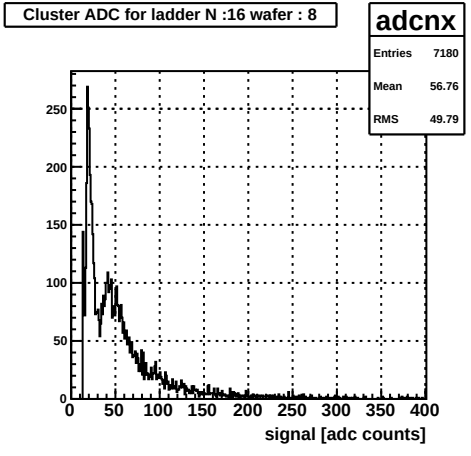

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4944
Mean 56.03
RMS 49.72
signal [adc counts]

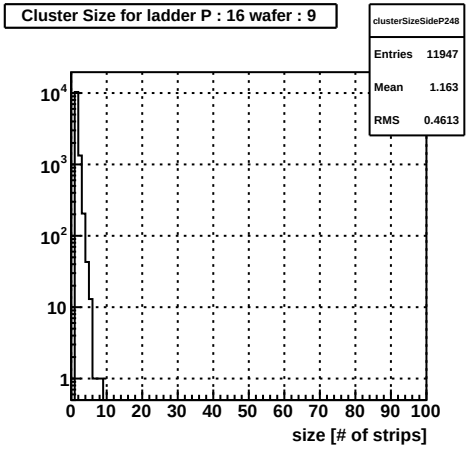

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 8883
Mean 1.191
RMS 0.4973
size [# of strips]

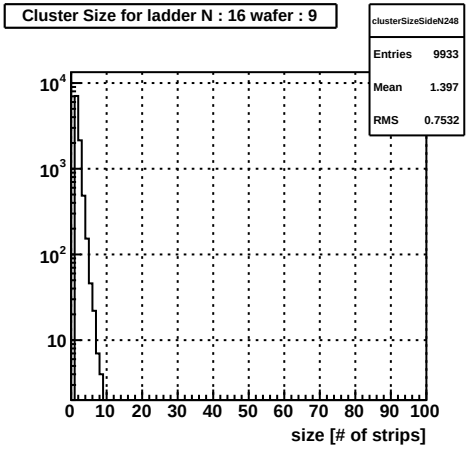

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 7180
Mean 1.482
RMS 0.8262
size [# of strips]

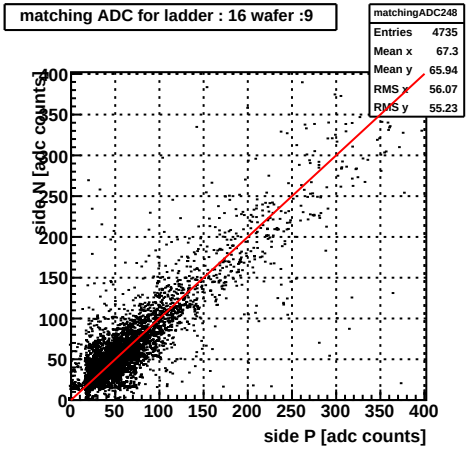

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 3864
Mean x 69.18
Mean y 70.12
RMS x 52.39
RMS y 51.81
side N [adc counts]
side P [adc counts]

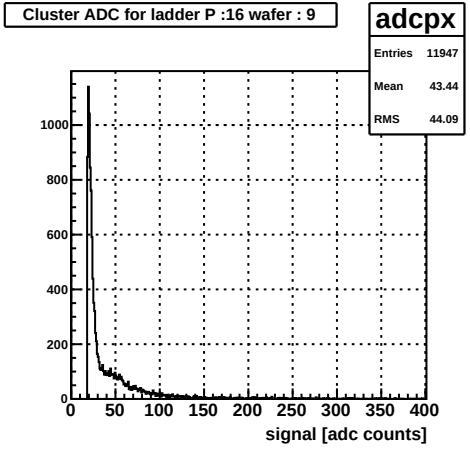

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 8883
Mean 51.54
RMS 47.4
signal [adc counts]

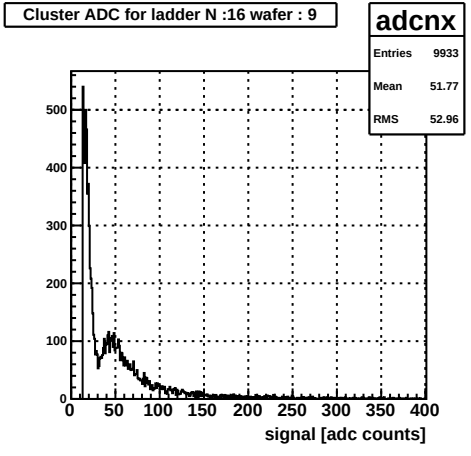

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 7180
Mean 56.76
RMS 49.79
signal [adc counts]

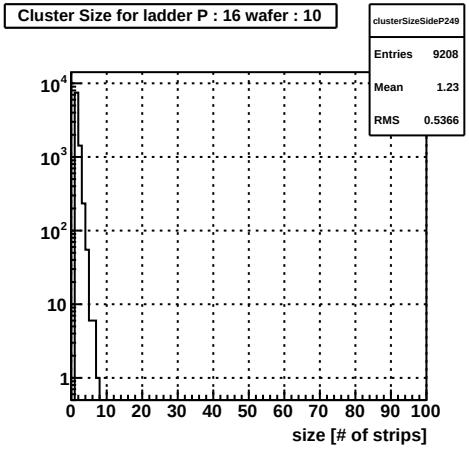

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11947
Mean 1.163
RMS 0.4613
size [# of strips]

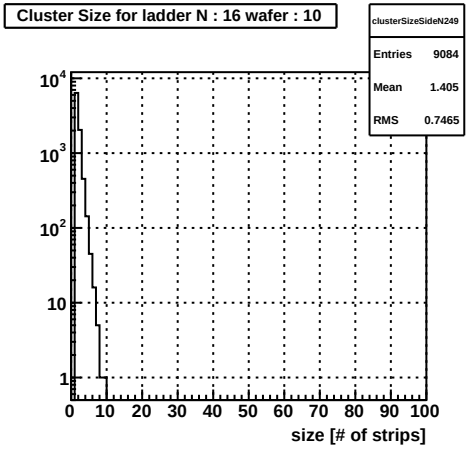

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 9933
Mean 1.397
RMS 0.7532
size [# of strips]

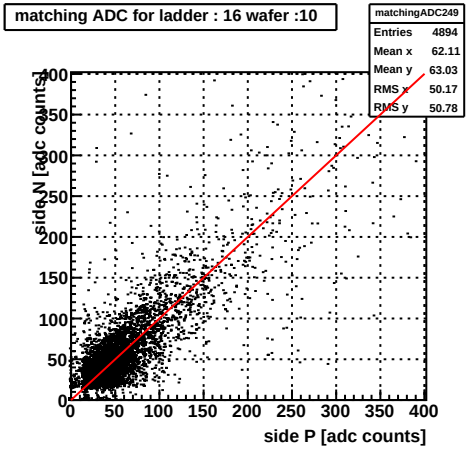

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 4735
Mean x 67.3
Mean y 65.94
RMS x 56.07
RMS y 55.23
side N [adc counts]
side P [adc counts]

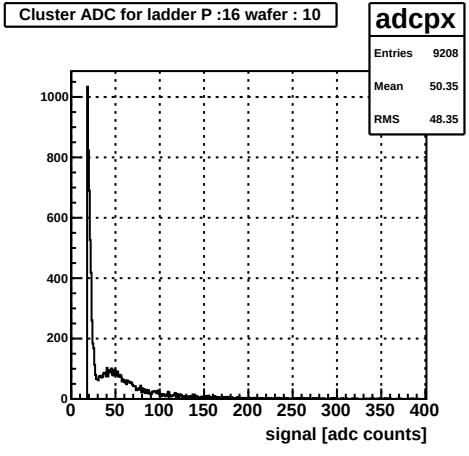

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11947
Mean 43.44
RMS 44.09
signal [adc counts]

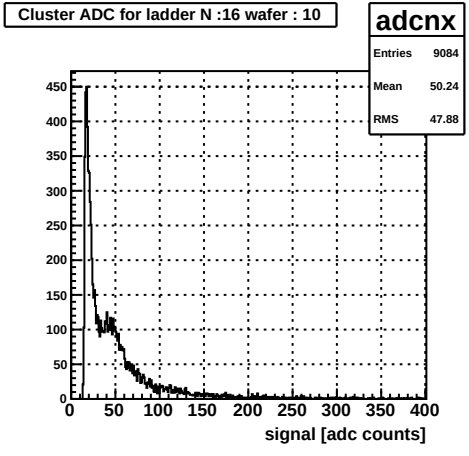

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 9933
Mean 51.77
RMS 52.96
signal [adc counts]

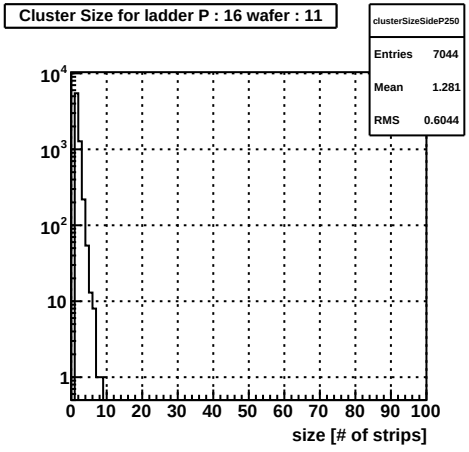

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 9208
Mean 1.23
RMS 0.5366
size [# of strips]

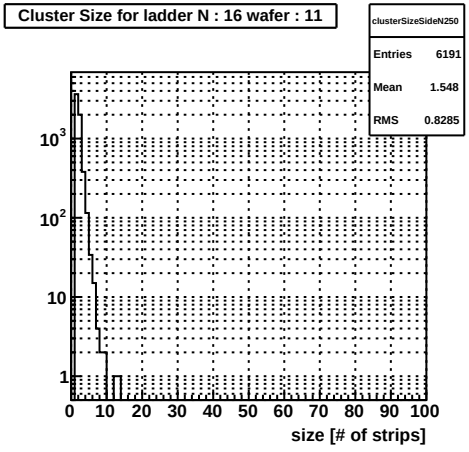

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 9084
Mean 1.405
RMS 0.7465
size [# of strips]

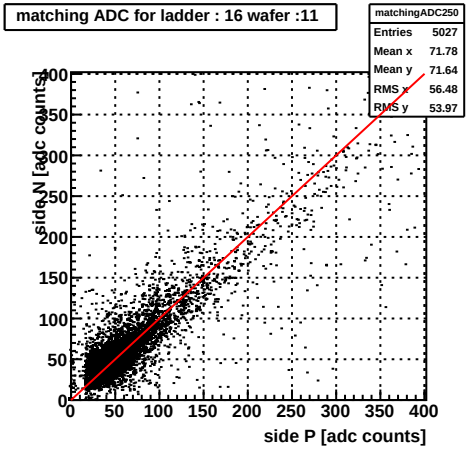

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 4894
Mean x 62.11
Mean y 63.03
RMS x 50.17
RMS y 50.78
side N [adc counts]
side P [adc counts]

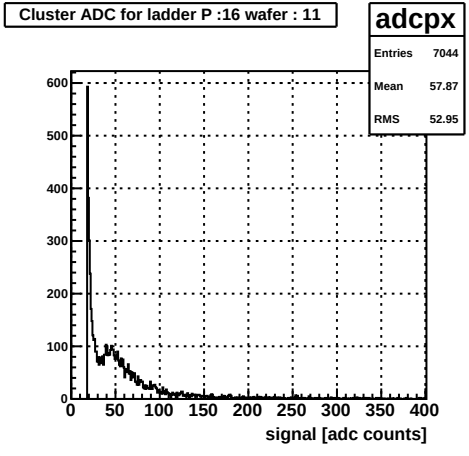

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 9208
Mean 50.35
RMS 48.35
signal [adc counts]

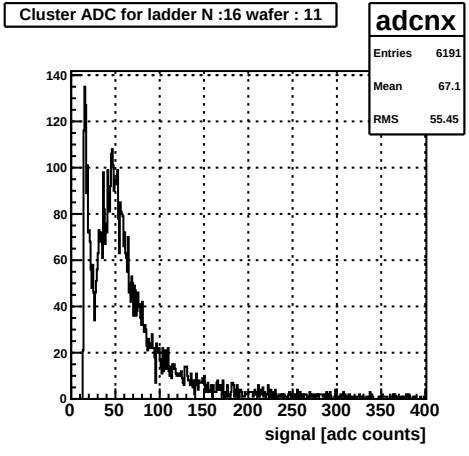

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 9084
Mean 50.24
RMS 47.88
signal [adc counts]

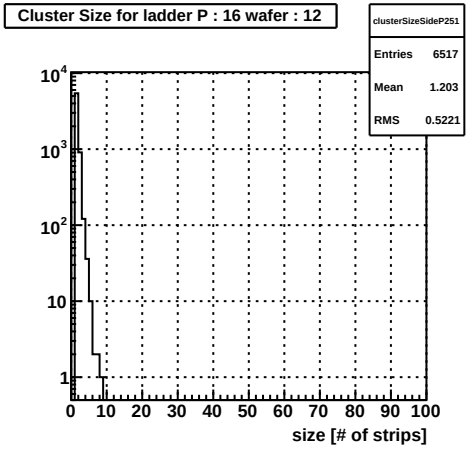

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 7044
Mean 1.281
RMS 0.6044
size [# of strips]

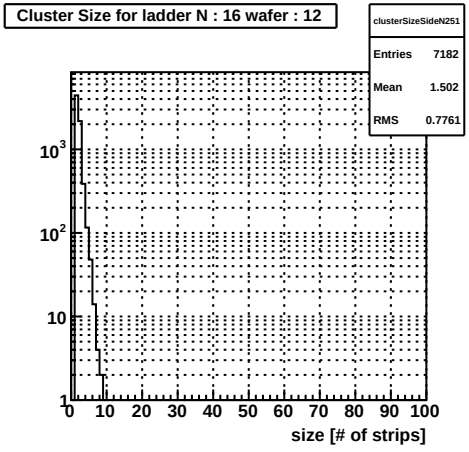

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 6191
Mean 1.548
RMS 0.8285
size [# of strips]

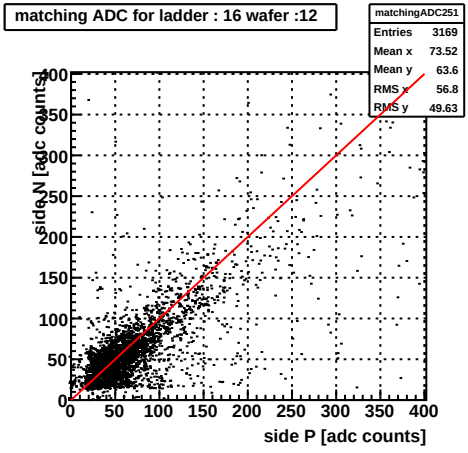

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 5027
Mean x 71.78
Mean y 71.64
RMS x 56.48
RMS y 53.97
side N [adc counts]
side P [adc counts]

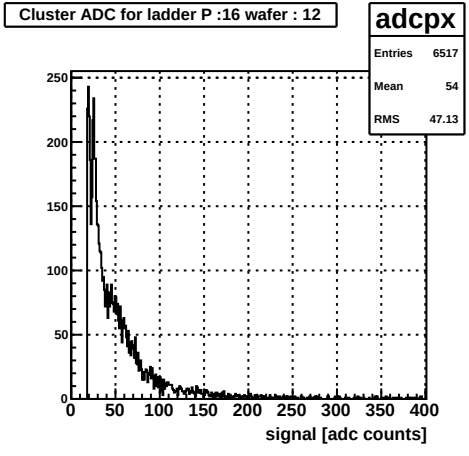

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 7044
Mean 57.87
RMS 52.95
signal [adc counts]

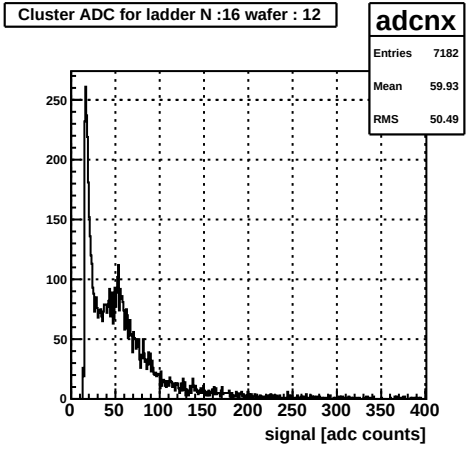

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 6191
Mean 67.1
RMS 55.45
signal [adc counts]

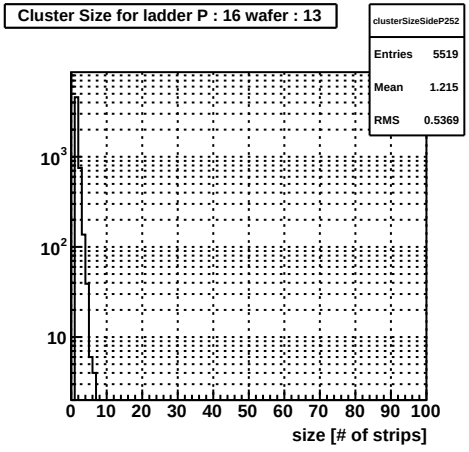

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 6517
Mean 1.203
RMS 0.5221
size [# of strips]

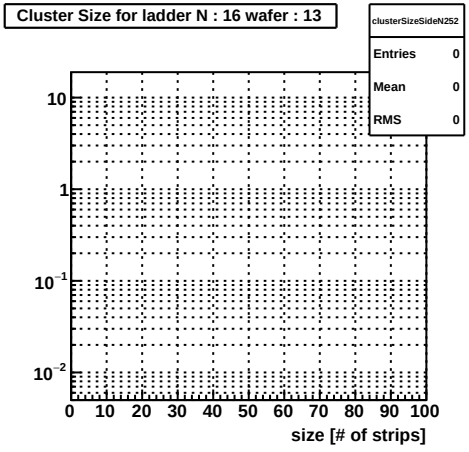

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 7182
Mean 1.502
RMS 0.7761
size [# of strips]

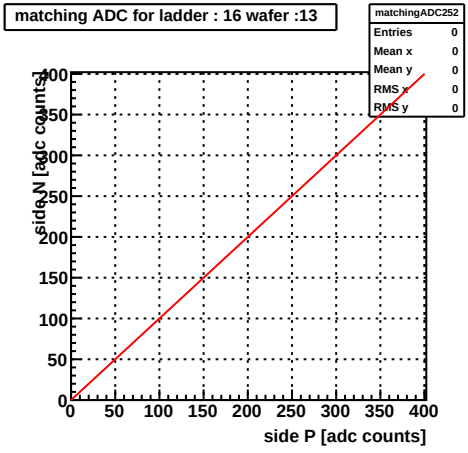

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 3169
Mean x 73.52
Mean y 63.6
RMS x 56.8
RMS y 49.63
side N [adc counts]
side P [adc counts]

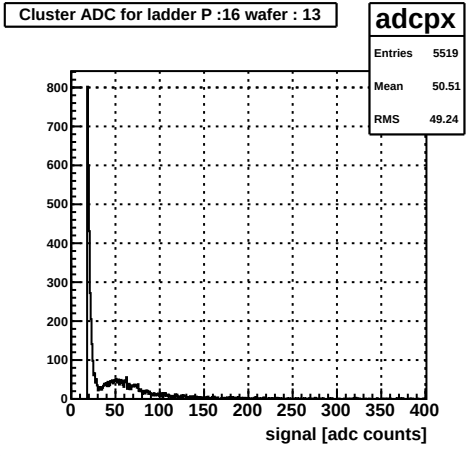

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 6517
Mean 54
RMS 47.13
signal [adc counts]

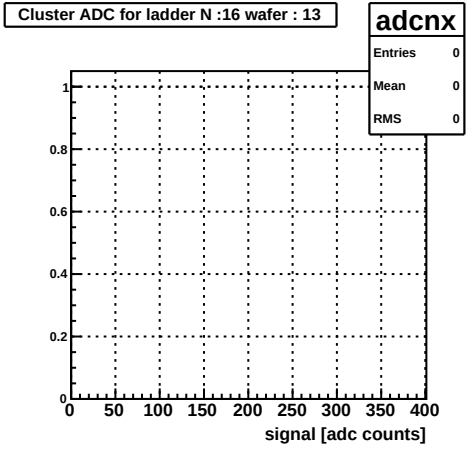

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 7182
Mean 59.93
RMS 50.49
signal [adc counts]

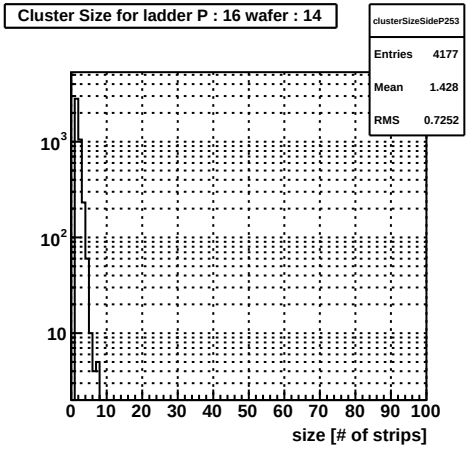

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 5519
Mean 1.215
RMS 0.5369
size [# of strips]

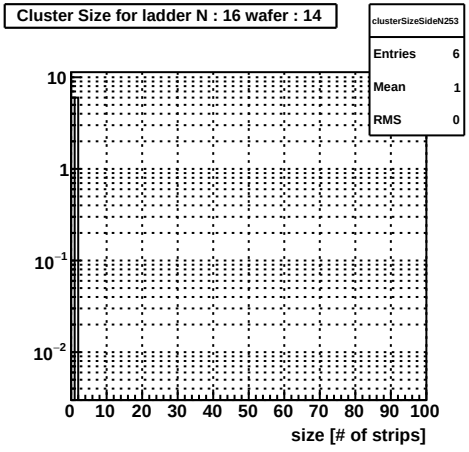

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

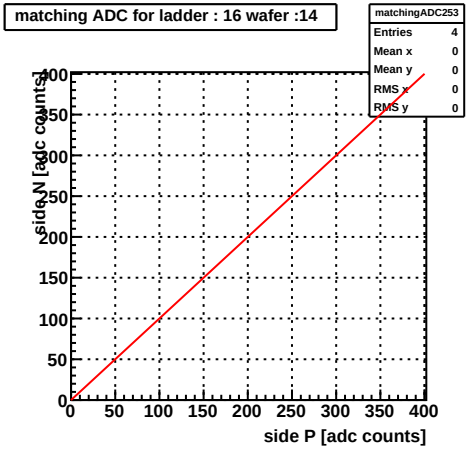

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

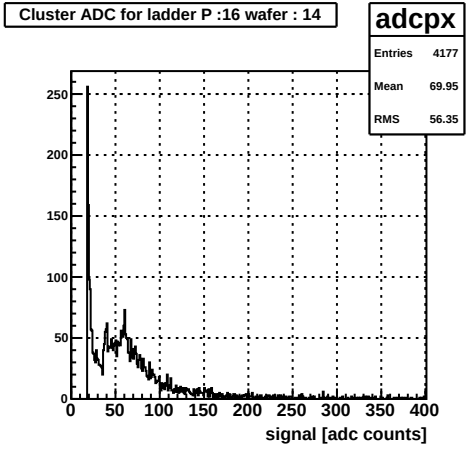

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 5519
Mean 50.51
RMS 49.24
signal [adc counts]

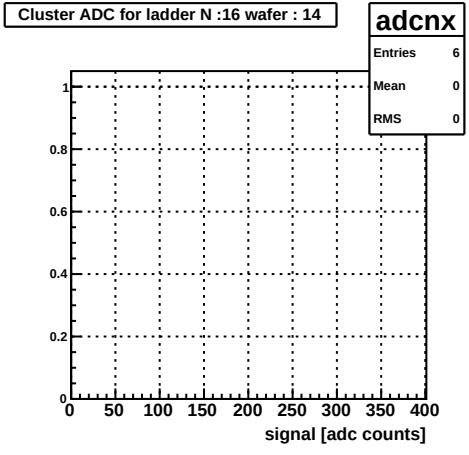

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

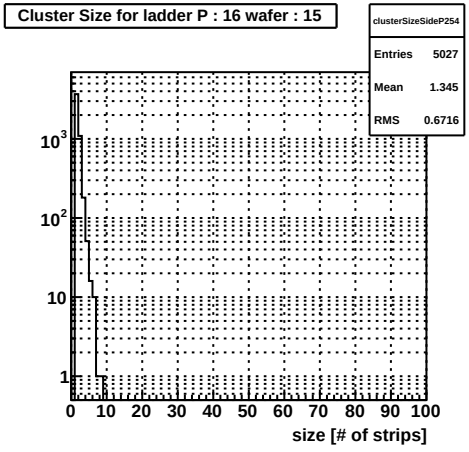

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 4177
Mean 1.428
RMS 0.7252
size [# of strips]

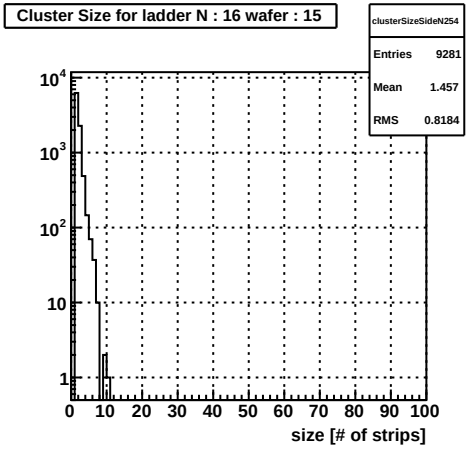

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 6
Mean 1
RMS 0
size [# of strips]

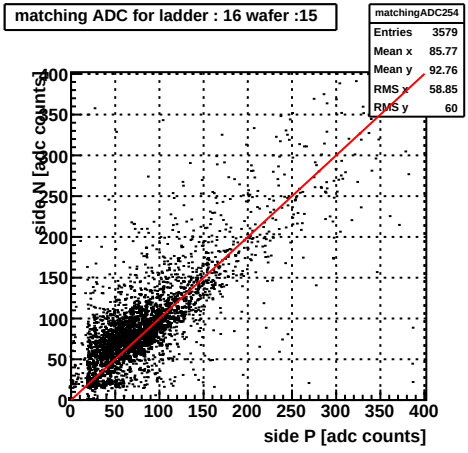

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

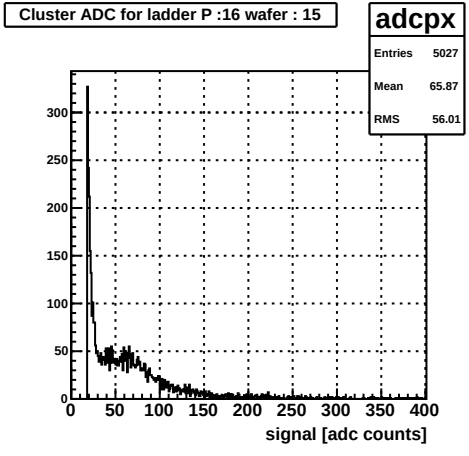

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 4177
Mean 69.95
RMS 56.35
signal [adc counts]

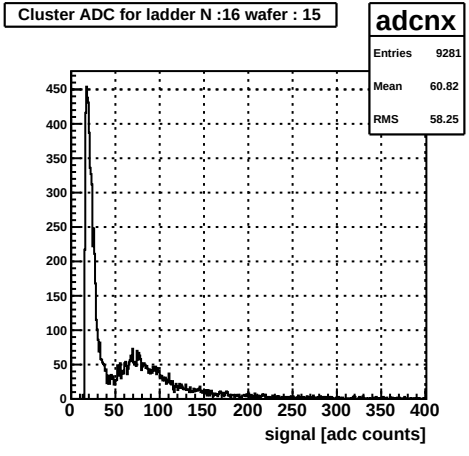

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 6
Mean 0
RMS 0
signal [adc counts]

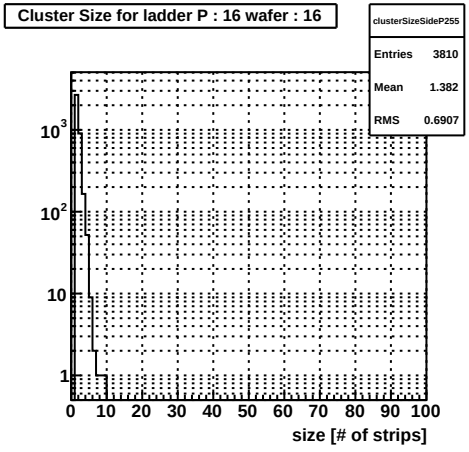

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 5027
Mean 1.345
RMS 0.6716
size [# of strips]

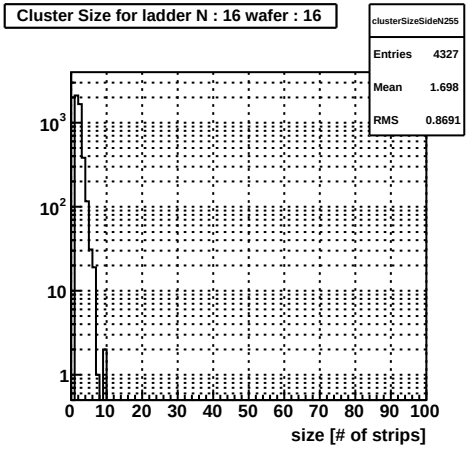

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 9281
Mean 1.457
RMS 0.8184
size [# of strips]

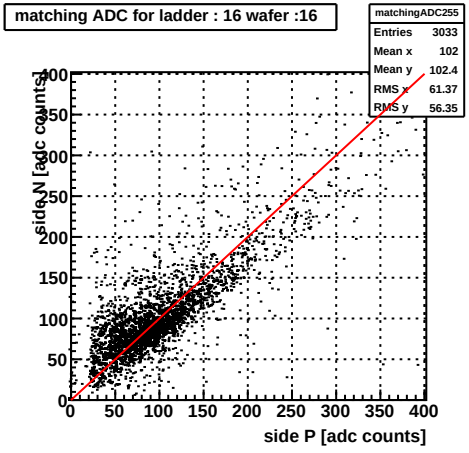

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 3579
Mean x 85.77
Mean y 92.76
RMS x 58.85
RMS y 60
side N [adc counts]
side P [adc counts]

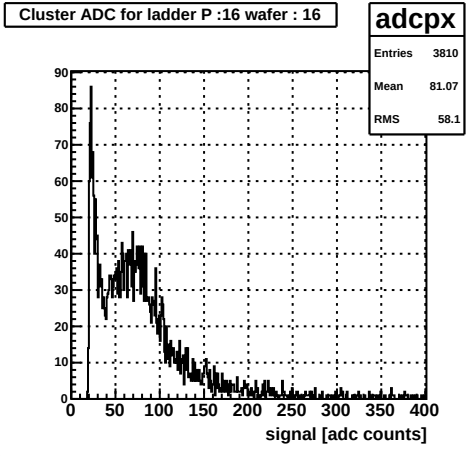

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 5027
Mean 65.87
RMS 56.01
signal [adc counts]

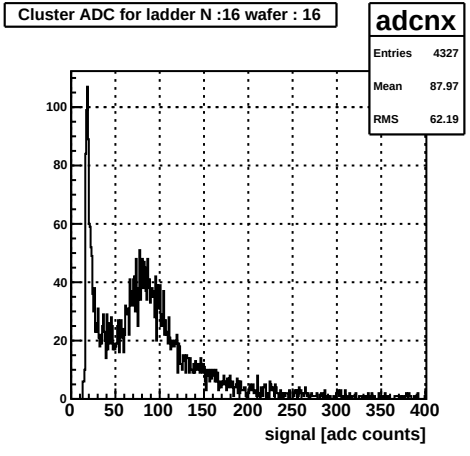

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 9281
Mean 60.82
RMS 58.25
signal [adc counts]

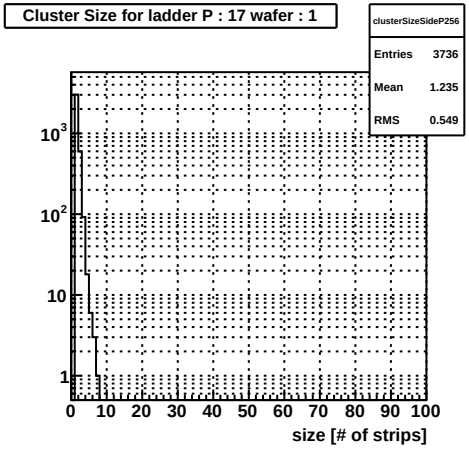

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3810
Mean 1.382
RMS 0.6907
size [# of strips]

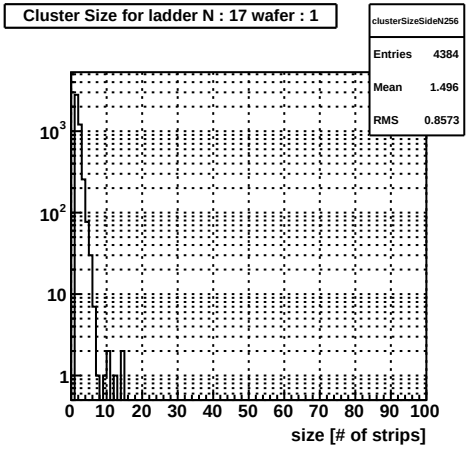

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 4327
Mean 1.698
RMS 0.8691
size [# of strips]

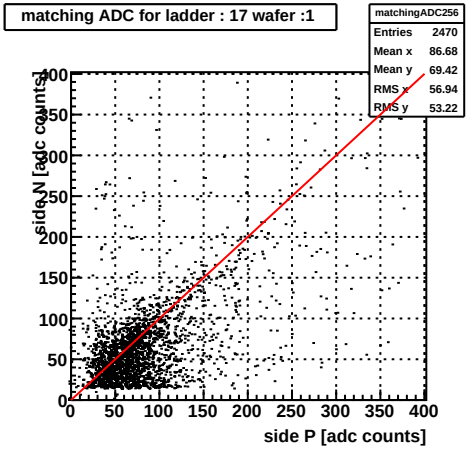

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 3033
Mean x 102
Mean y 102.4
RMS x 61.37
RMS y 56.35
side N [adc counts]
side P [adc counts]

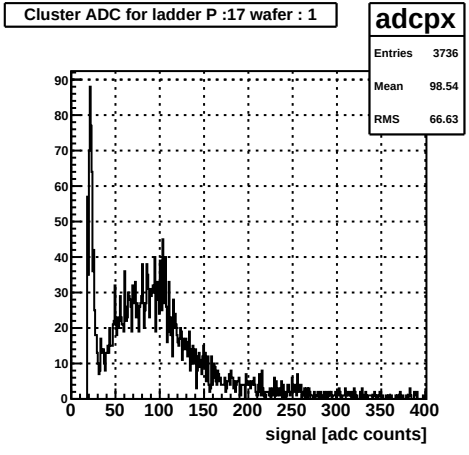

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3810
Mean 81.07
RMS 58.1
signal [adc counts]

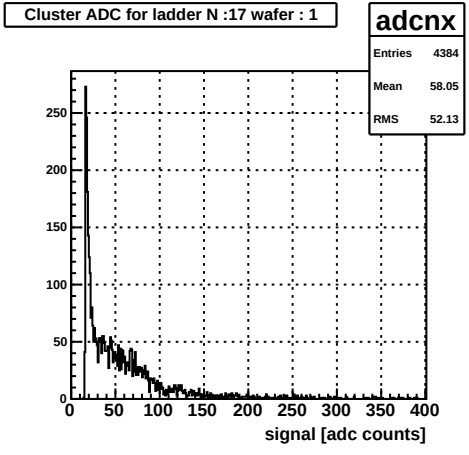

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 4327
Mean 87.97
RMS 62.19
signal [adc counts]

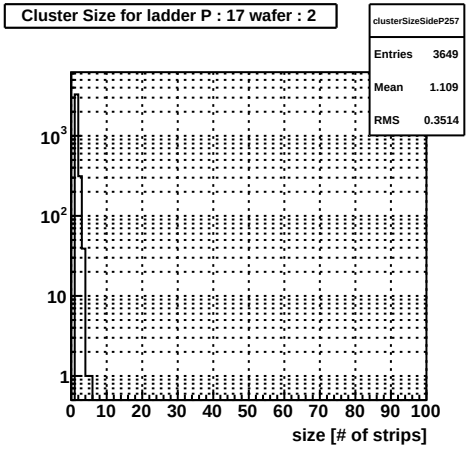

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 3736
Mean 1.235
RMS 0.549
size [# of strips]

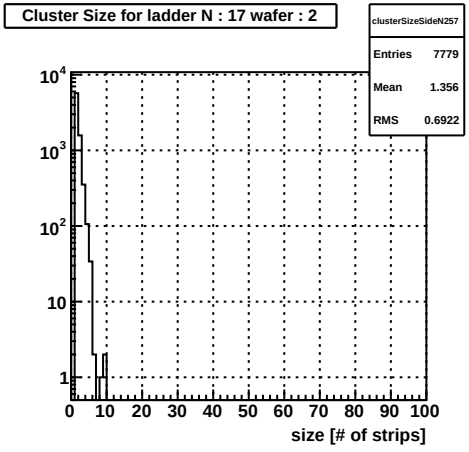

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 4384
Mean 1.496
RMS 0.8573
size [# of strips]

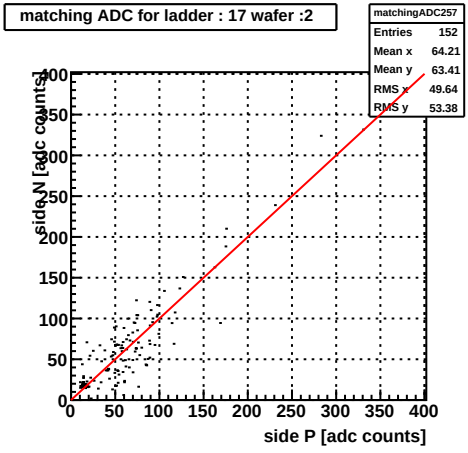

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 2470
Mean x 86.68
Mean y 69.42
RMS x 56.94
RMS y 53.22
side N [adc counts]
side P [adc counts]

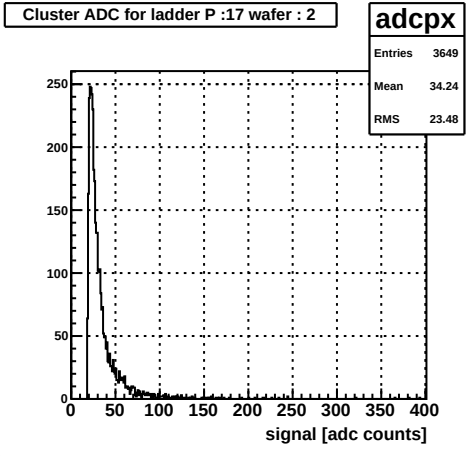

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 3736
Mean 98.54
RMS 66.63
signal [adc counts]

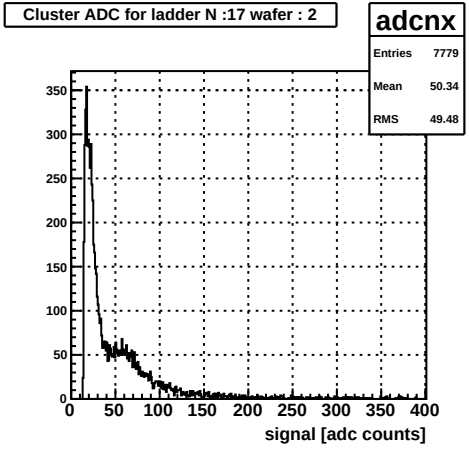

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 4384
Mean 58.05
RMS 52.13
signal [adc counts]

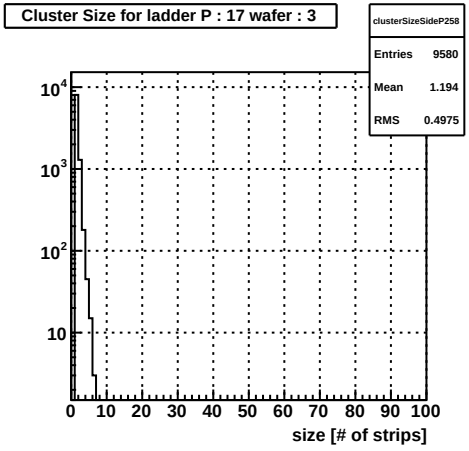

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 3649
Mean 1.109
RMS 0.3514
size [# of strips]

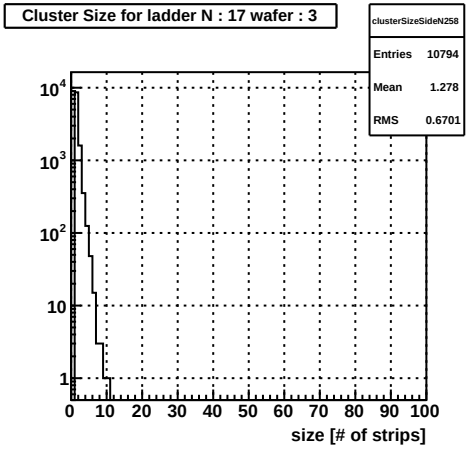

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 7779
Mean 1.356
RMS 0.6922
size [# of strips]

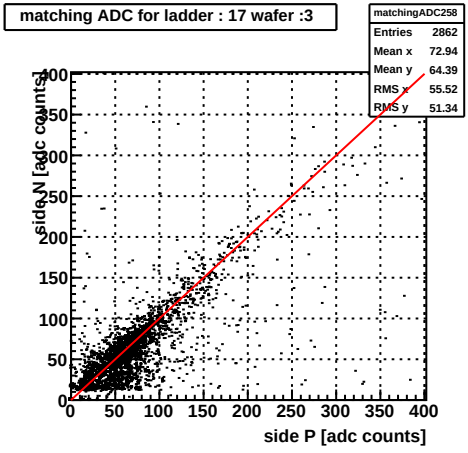

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 152
Mean x 64.21
Mean y 63.41
RMS x 49.64
RMS y 53.38
side N [adc counts]
side P [adc counts]

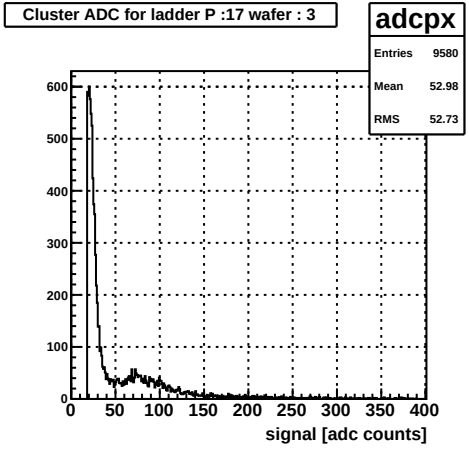

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 3649
Mean 34.24
RMS 23.48
signal [adc counts]

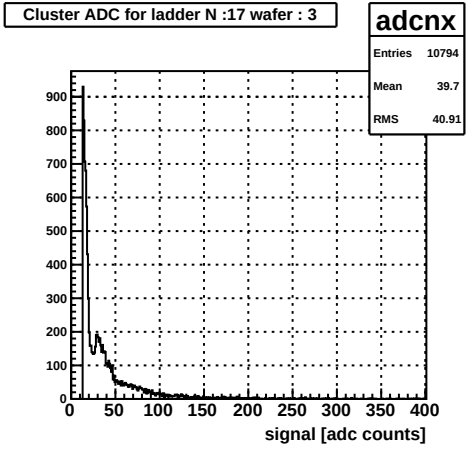

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 7779
Mean 50.34
RMS 49.48
signal [adc counts]

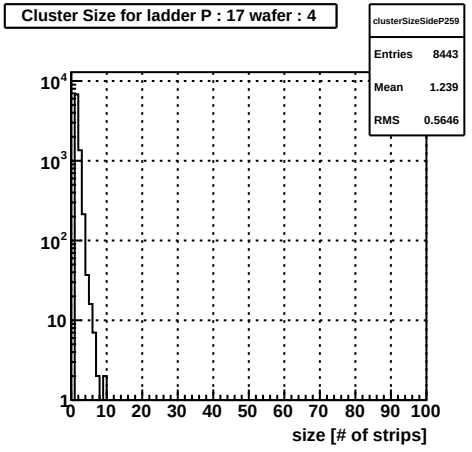

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 9580
Mean 1.194
RMS 0.4975
size [# of strips]

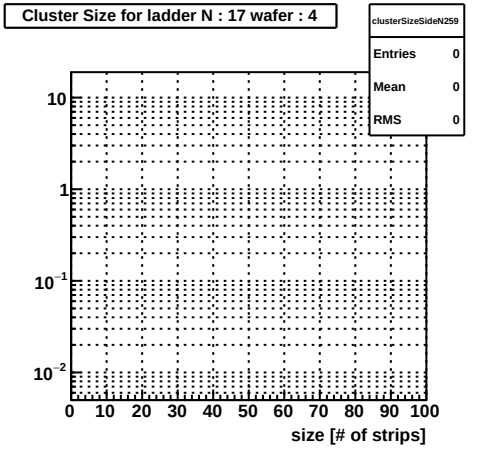

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 10794
Mean 1.278
RMS 0.6701
size [# of strips]

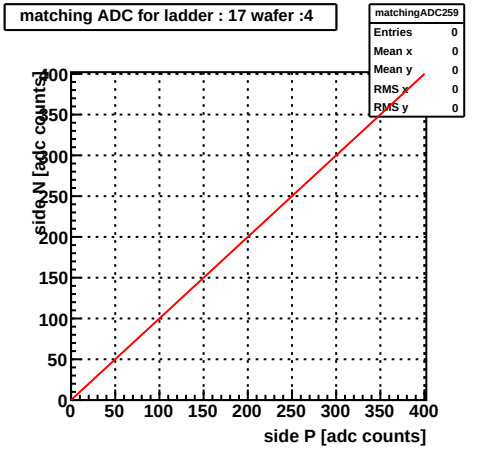

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 2862
Mean x 72.94
Mean y 64.39
RMS x 55.52
RMS y 51.34
side N [adc counts]
side P [adc counts]

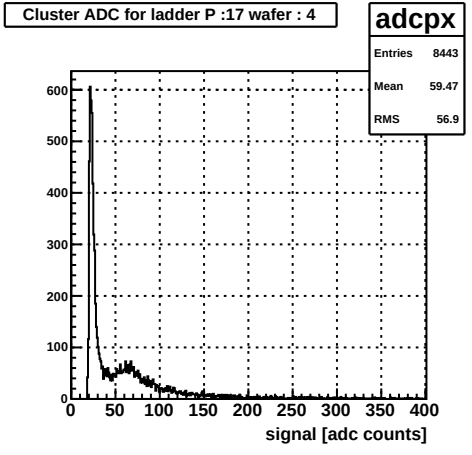

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 9580
Mean 52.98
RMS 52.73
signal [adc counts]

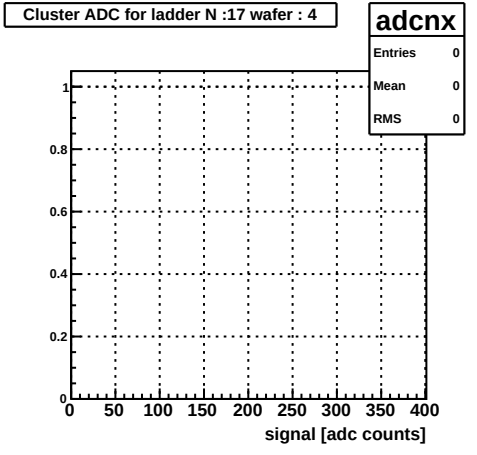

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 10794
Mean 39.7
RMS 40.91
signal [adc counts]

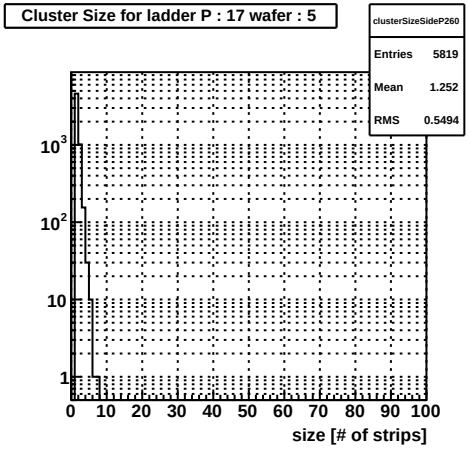

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 8443
Mean 1.239
RMS 0.5646
size [# of strips]

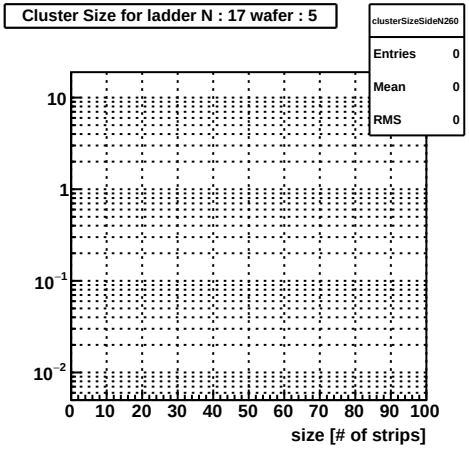

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

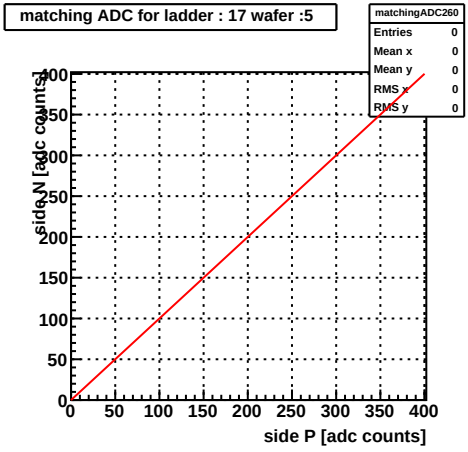

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

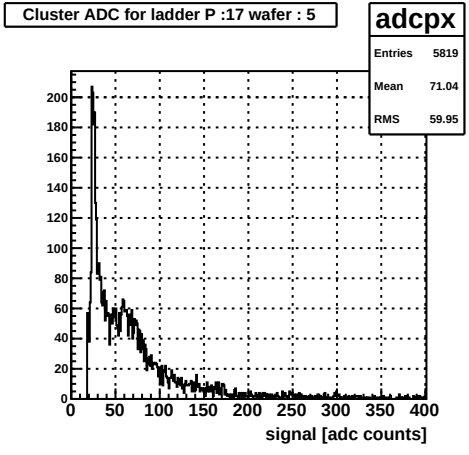

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 8443
Mean 59.47
RMS 56.9
signal [adc counts]

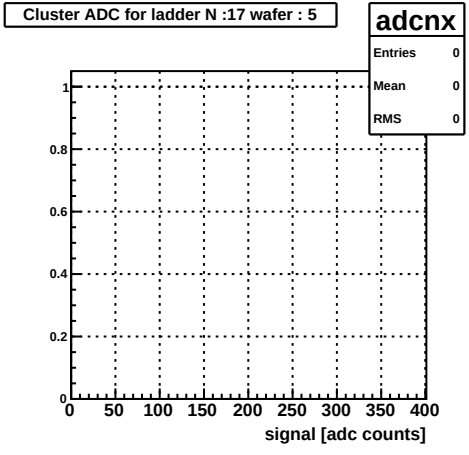

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

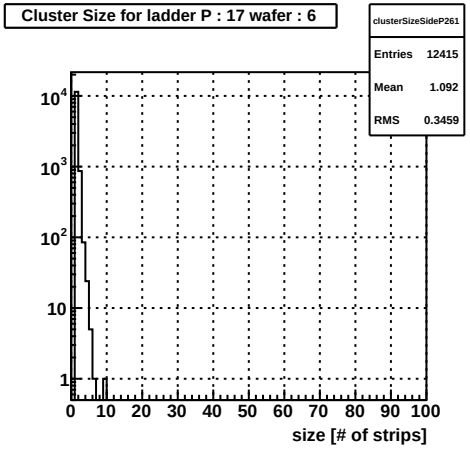

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 5819
Mean 1.252
RMS 0.5494
size [# of strips]

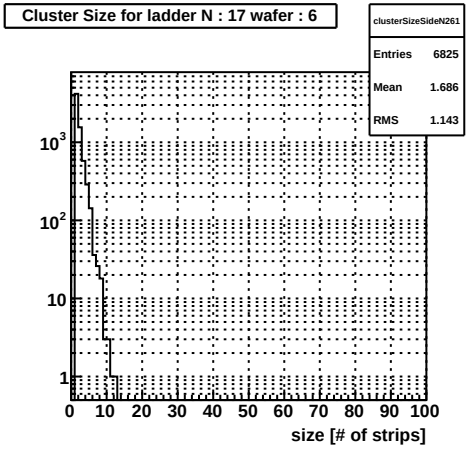

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

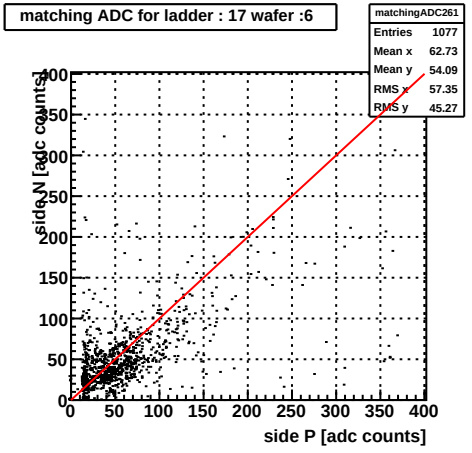

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

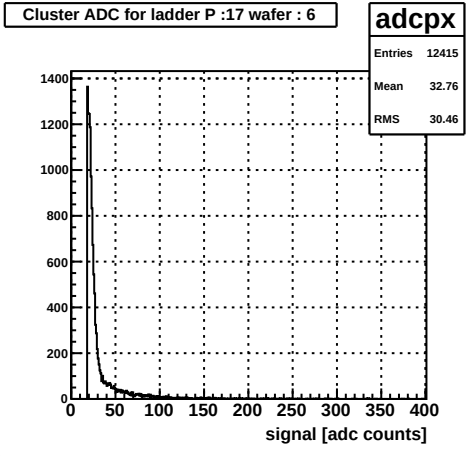

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 5819
Mean 71.04
RMS 59.95
signal [adc counts]

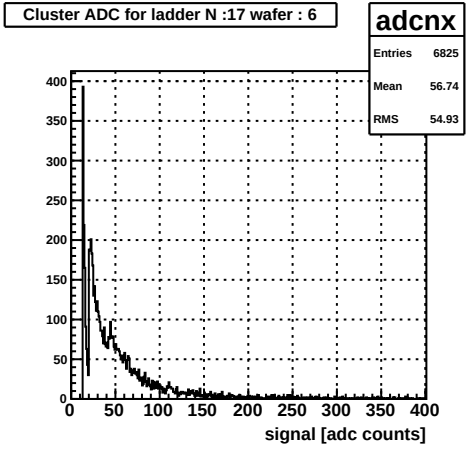

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

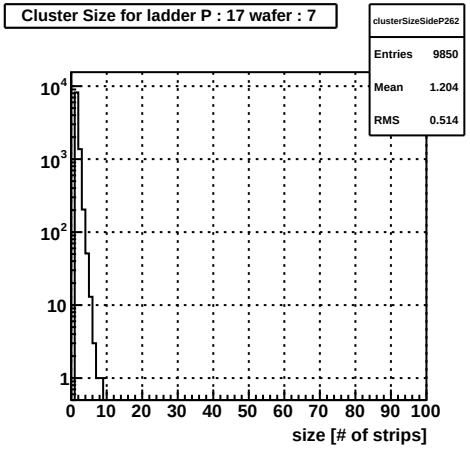

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 12415
Mean 1.092
RMS 0.3459
size [# of strips]

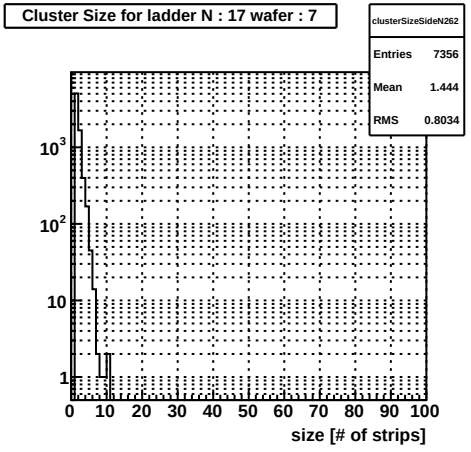

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6825
Mean 1.686
RMS 1.143
size [# of strips]

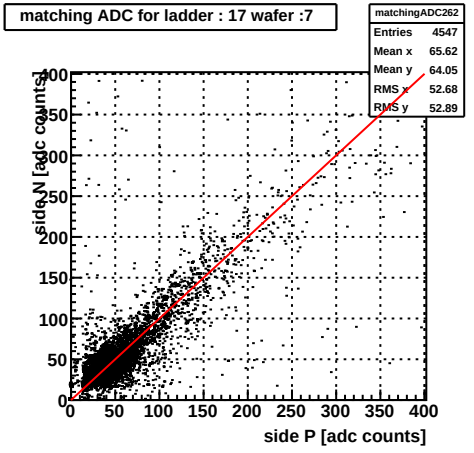

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 1077
Mean x 62.73
Mean y 54.09
RMS x 57.35
RMS y 45.27
side N [adc counts]
side P [adc counts]

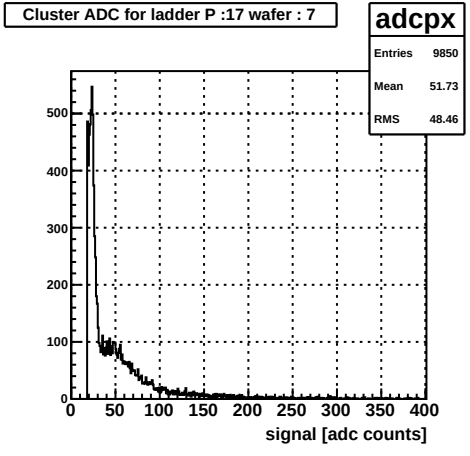

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 12415
Mean 32.76
RMS 30.46
signal [adc counts]

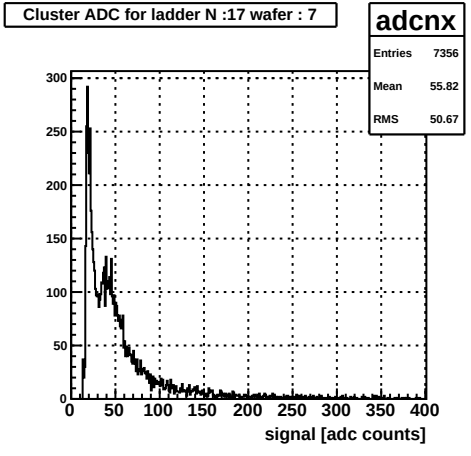

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6825
Mean 56.74
RMS 54.93
signal [adc counts]

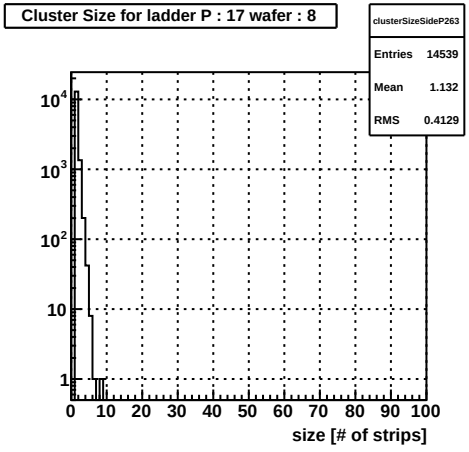

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 9850
Mean 1.204
RMS 0.514
size [# of strips]

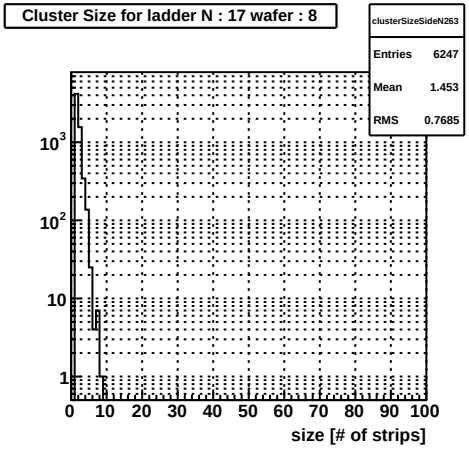

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 7356
Mean 1.444
RMS 0.8034
size [# of strips]

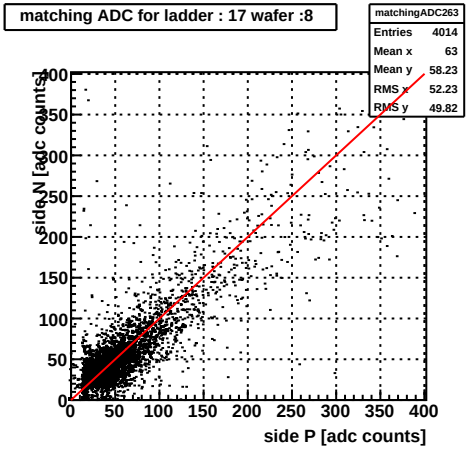

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 4547
Mean x 65.62
Mean y 64.05
RMS x 52.68
RMS y 52.89
side N [adc counts]
side P [adc counts]

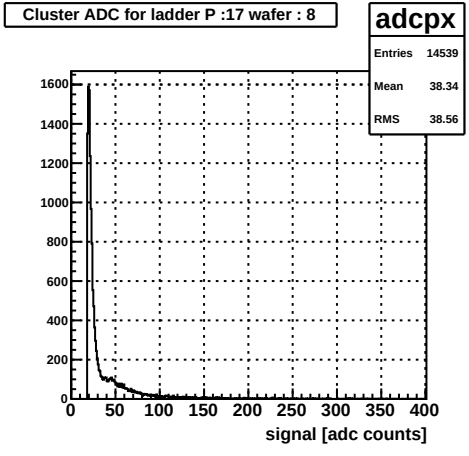

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 9850
Mean 51.73
RMS 48.46
signal [adc counts]

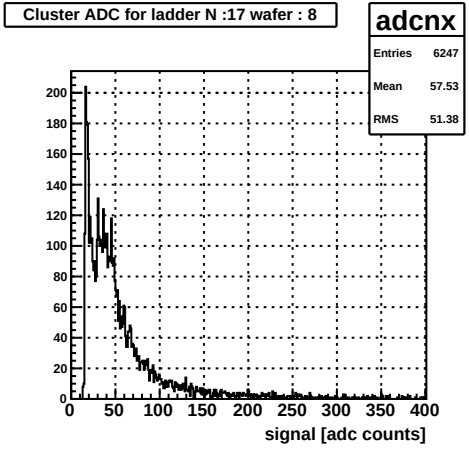

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 7356
Mean 55.82
RMS 50.67
signal [adc counts]

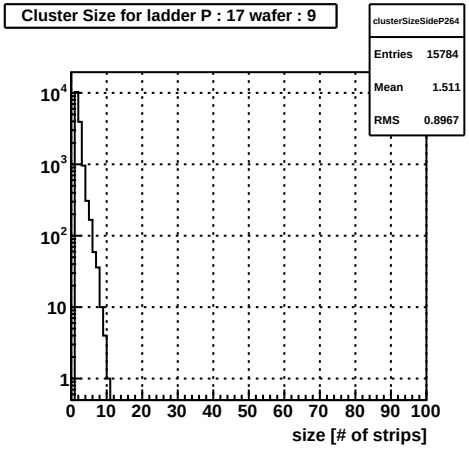

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 14539
Mean 1.132
RMS 0.4129
size [# of strips]

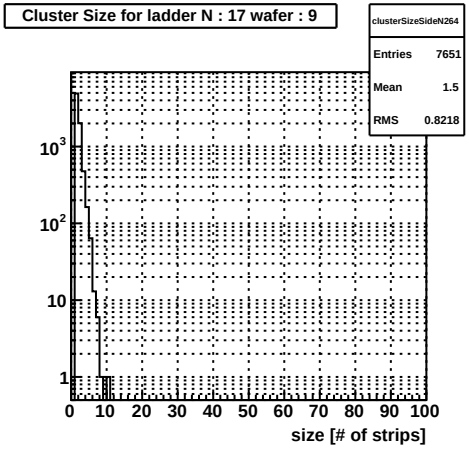

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 6247
Mean 1.453
RMS 0.7685
size [# of strips]

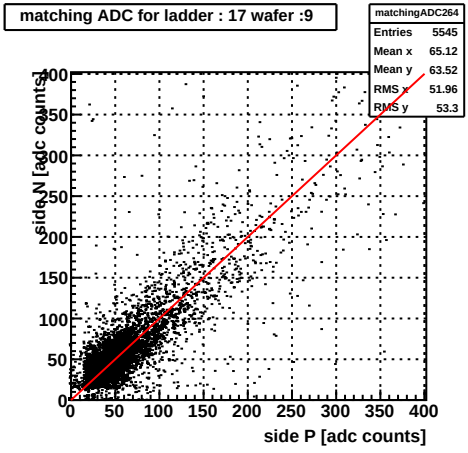

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 4014
Mean x 63
Mean y 58.23
RMS x 52.23
RMS y 49.82
side N [adc counts]
side P [adc counts]

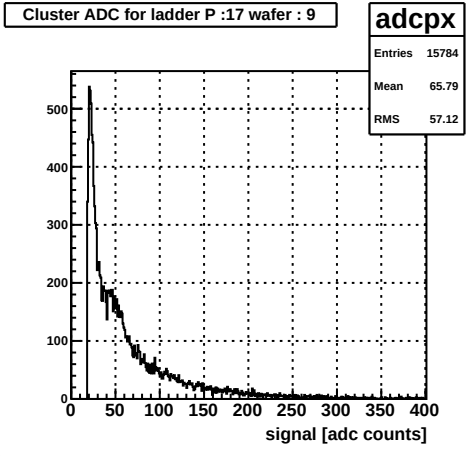

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 14539
Mean 38.34
RMS 38.56
signal [adc counts]

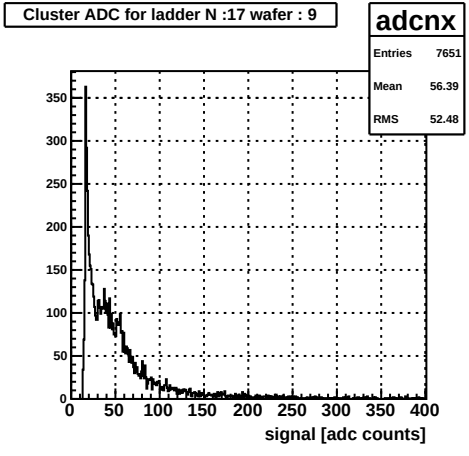

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 6247
Mean 57.53
RMS 51.38
signal [adc counts]

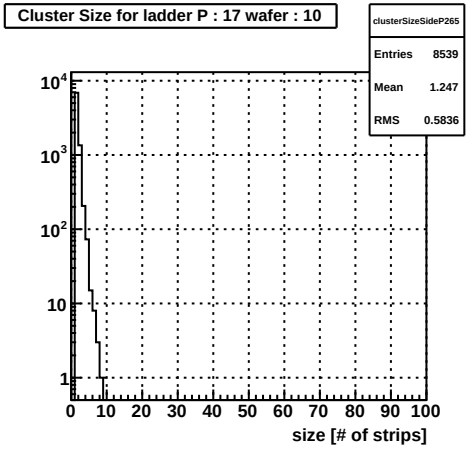

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 15784
Mean 1.511
RMS 0.8967
size [# of strips]

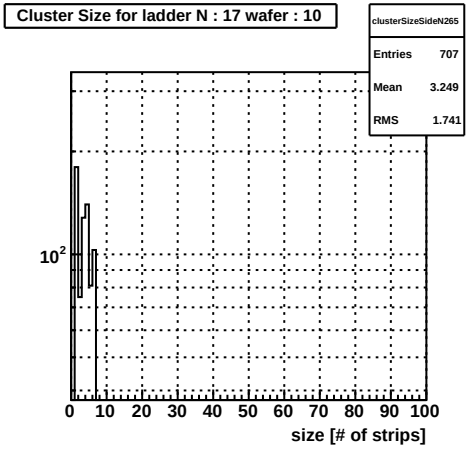

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 7651
Mean 1.5
RMS 0.8218
size [# of strips]

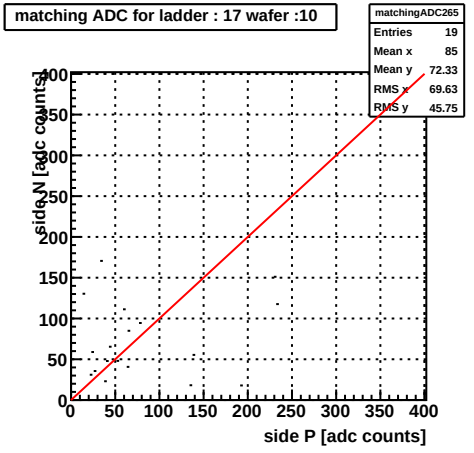

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 5545
Mean x 65.12
Mean y 63.52
RMS x 51.96
RMS y 53.3
side N [adc counts]
side P [adc counts]

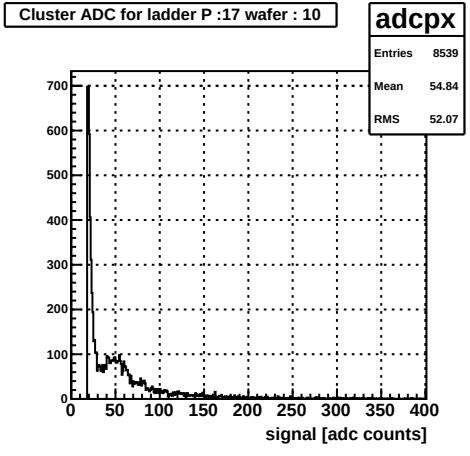

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 15784
Mean 65.79
RMS 57.12
signal [adc counts]

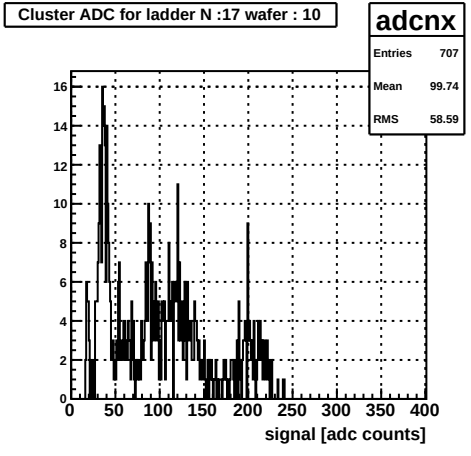

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 7651
Mean 56.39
RMS 52.48
signal [adc counts]

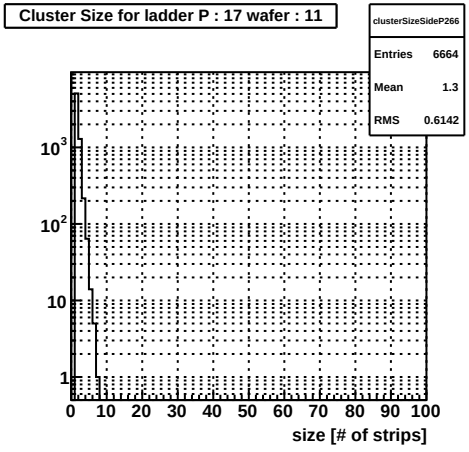

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 8539
Mean 1.247
RMS 0.5836
size [# of strips]

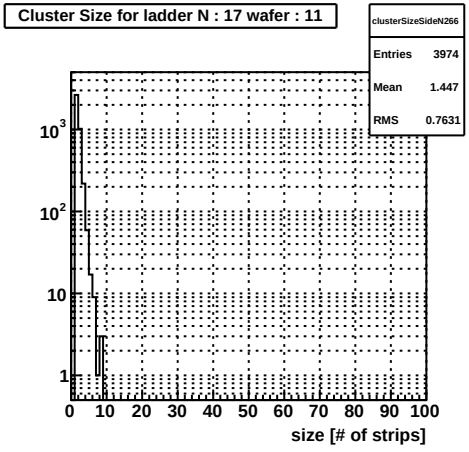

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 707
Mean 3.249
RMS 1.741
size [# of strips]

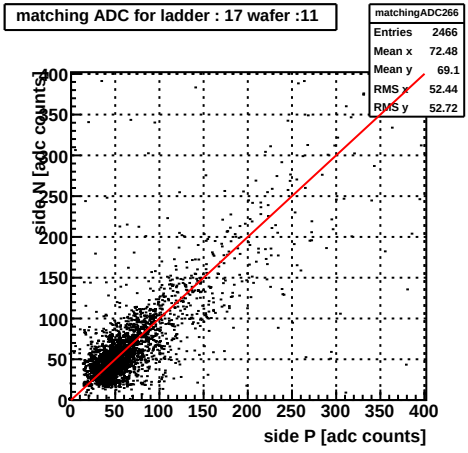

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 19
Mean x 85
Mean y 72.33
RMS x 69.63
RMS y 45.75
side N [adc counts]
side P [adc counts]

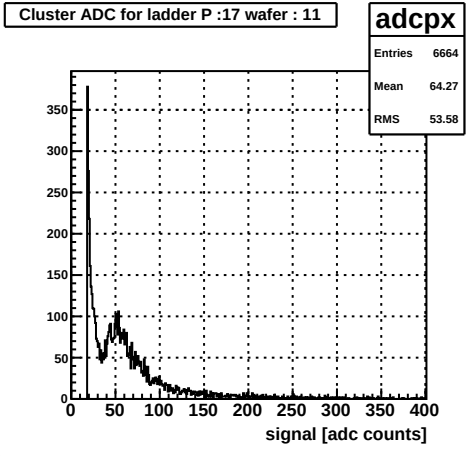

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 8539
Mean 54.84
RMS 52.07
signal [adc counts]

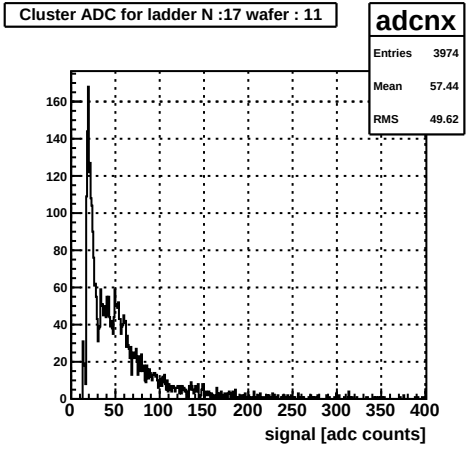

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 707
Mean 99.74
RMS 58.59
signal [adc counts]

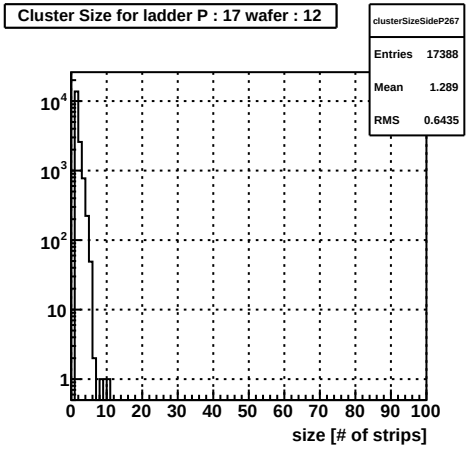

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 6664
Mean 1.3
RMS 0.6142
size [# of strips]

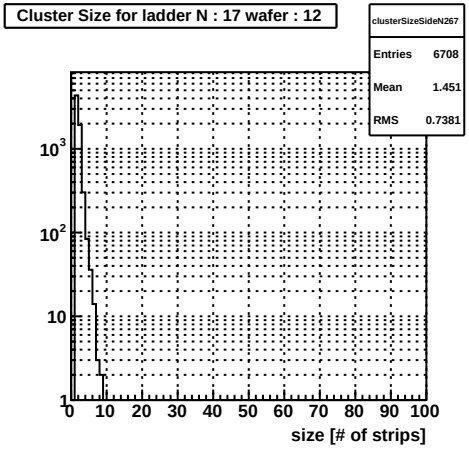

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 3974
Mean 1.447
RMS 0.7631
size [# of strips]

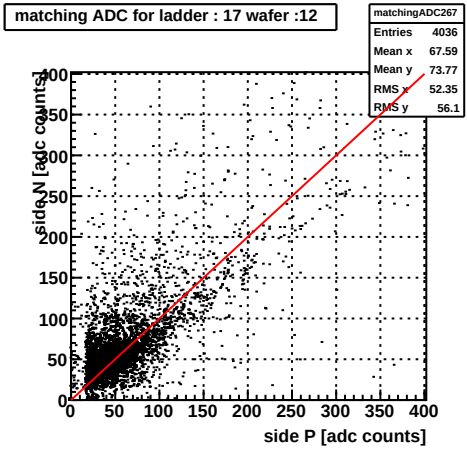

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 2466
Mean x 72.48
Mean y 69.1
RMS x 52.44
RMS y 52.72
side N [adc counts]
side P [adc counts]

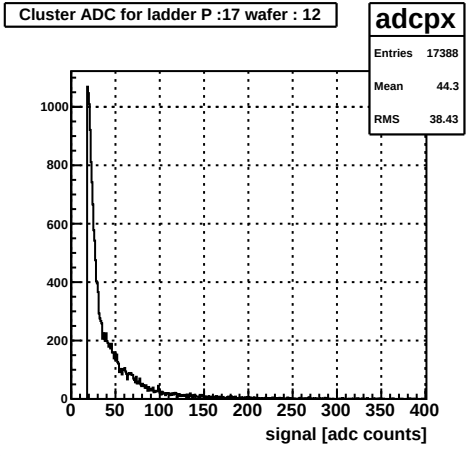

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 6664
Mean 64.27
RMS 53.58
signal [adc counts]

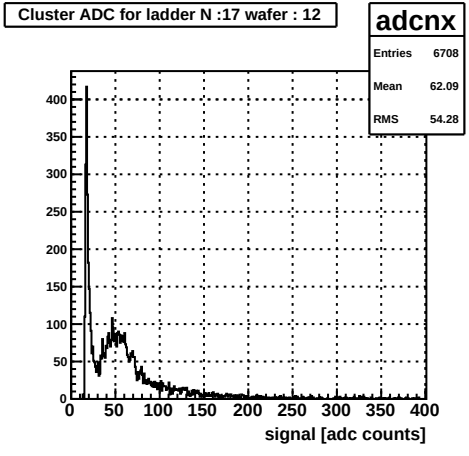

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 3974
Mean 57.44
RMS 49.62
signal [adc counts]

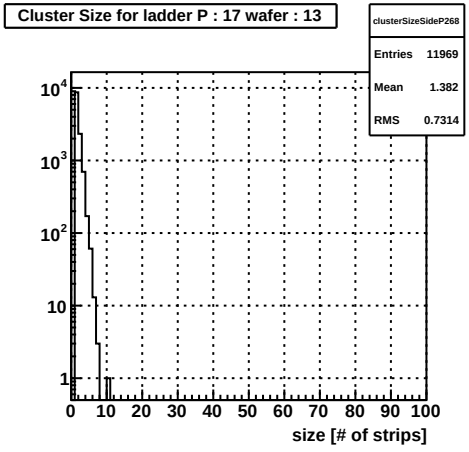

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 17388
Mean 1.289
RMS 0.6435
size [# of strips]

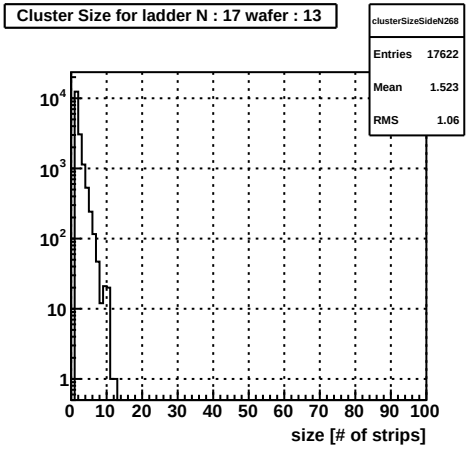

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 6708
Mean 1.451
RMS 0.7381
size [# of strips]

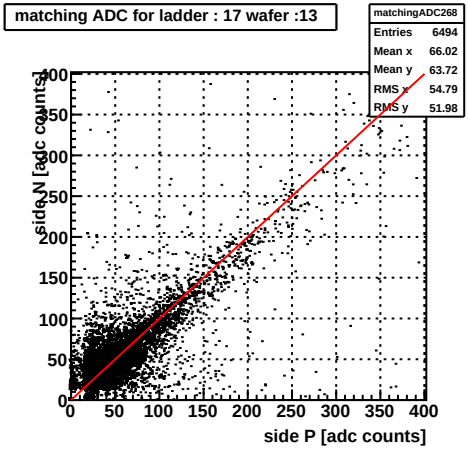

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 4036
Mean x 67.59
Mean y 73.77
RMS x 52.35
RMS y 56.1
side N [adc counts]
side P [adc counts]

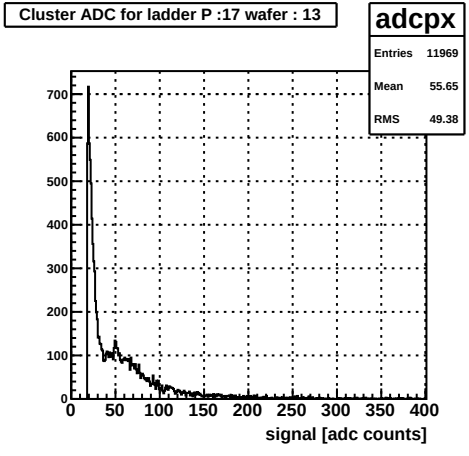

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 17388
Mean 44.3
RMS 38.43
signal [adc counts]

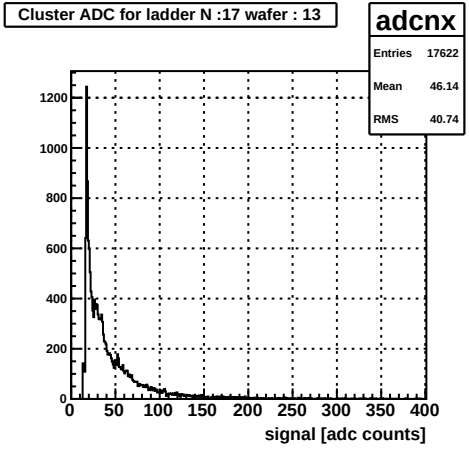

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 6708
Mean 62.09
RMS 54.28
signal [adc counts]

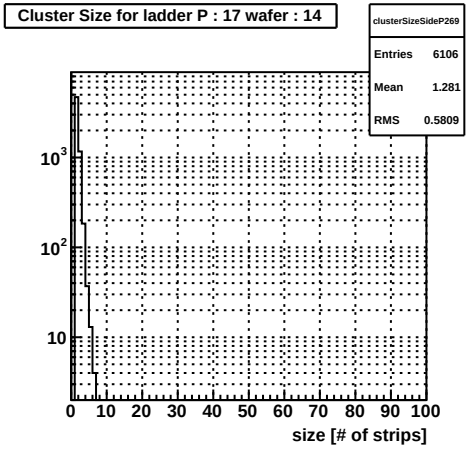

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 11969
Mean 1.382
RMS 0.7314
size [# of strips]

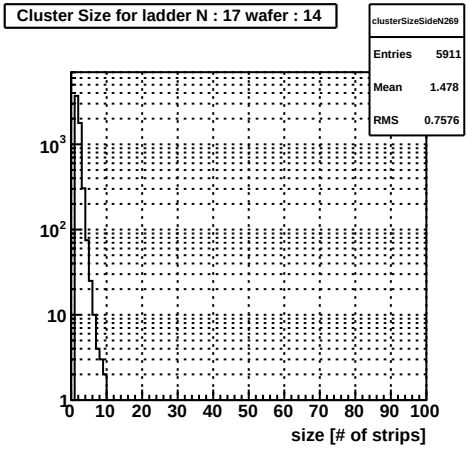

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 17622
Mean 1.523
RMS 1.06
size [# of strips]

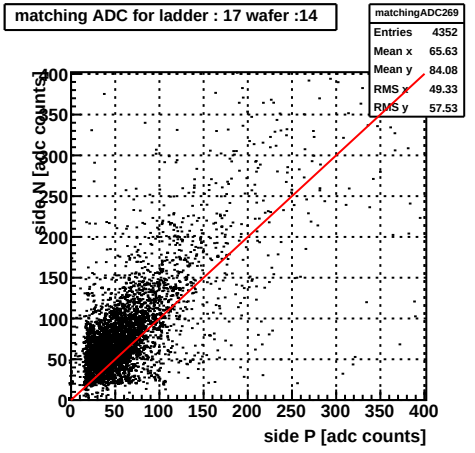

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 6494
Mean x 66.02
Mean y 63.72
RMS x 54.79
RMS y 51.98
side N [adc counts]
side P [adc counts]

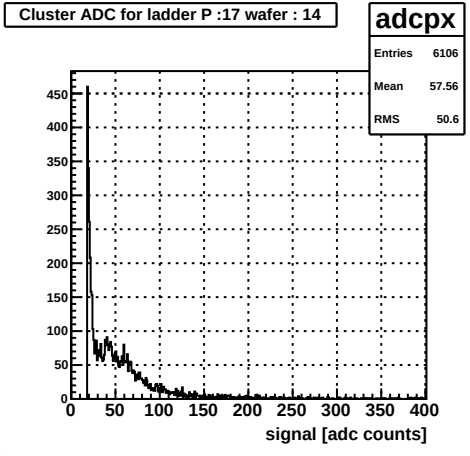

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 11969
Mean 55.65
RMS 49.38
signal [adc counts]

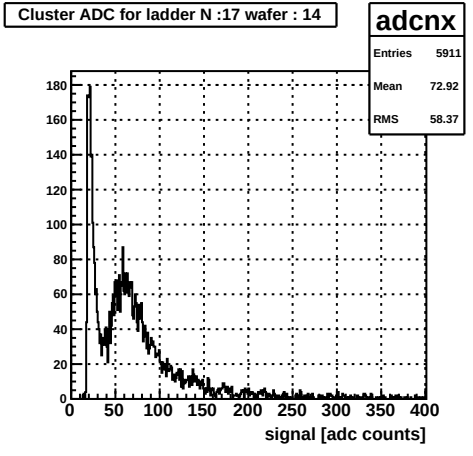

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 17622
Mean 46.14
RMS 40.74
signal [adc counts]

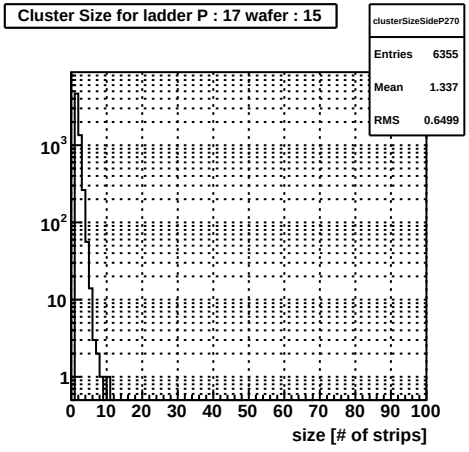

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6106
Mean 1.281
RMS 0.5809
size [# of strips]

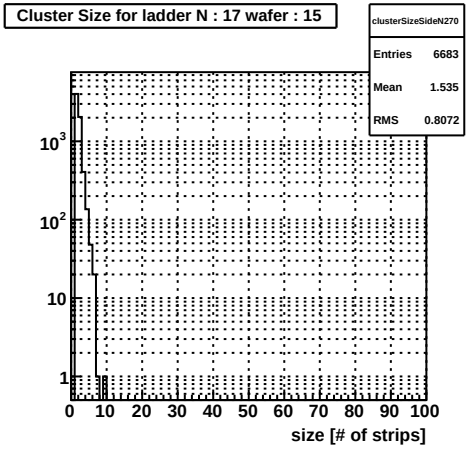

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 5911
Mean 1.478
RMS 0.7576
size [# of strips]

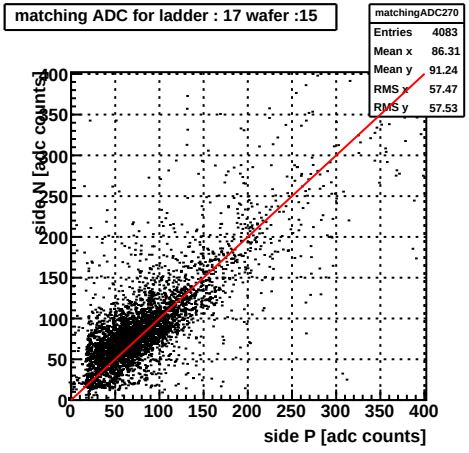

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 4352
Mean x 65.63
Mean y 84.08
RMS x 49.33
RMS y 57.53
side N [adc counts]
side P [adc counts]

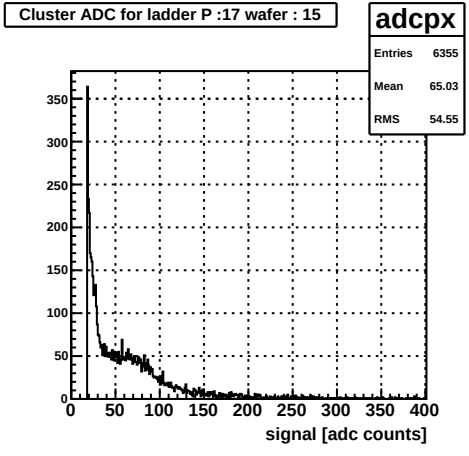

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6106
Mean 57.56
RMS 50.6
signal [adc counts]

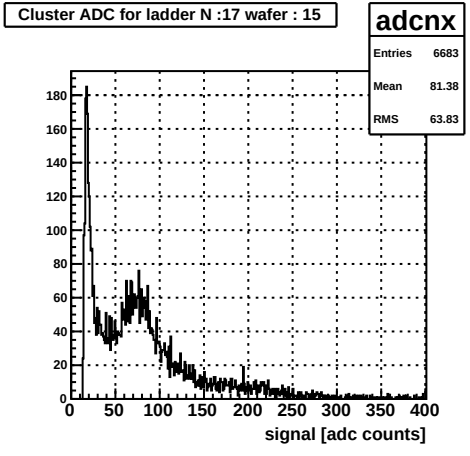

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 5911
Mean 72.92
RMS 58.37
signal [adc counts]

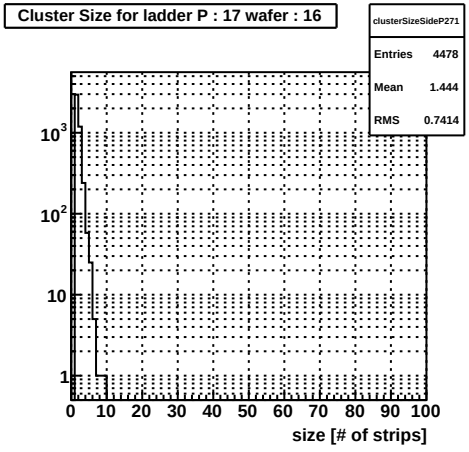

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6355
Mean 1.337
RMS 0.6499
size [# of strips]

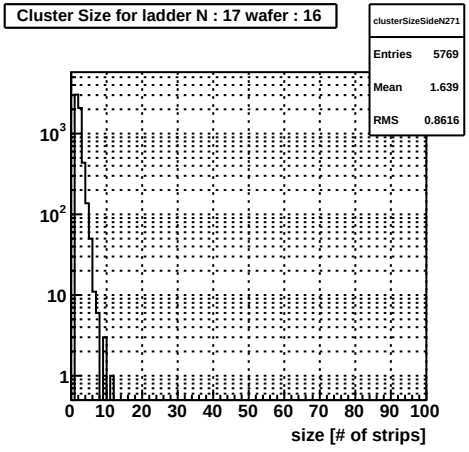

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 6683
Mean 1.535
RMS 0.8072
size [# of strips]

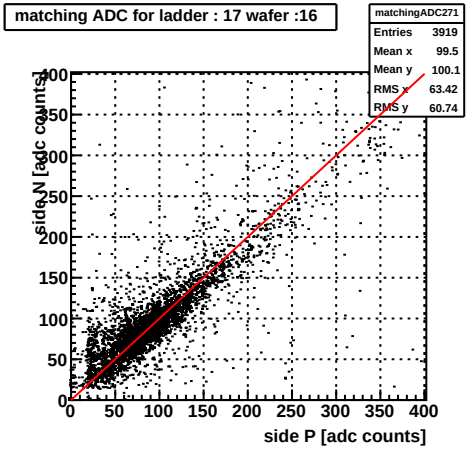

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 4083
Mean x 86.31
Mean y 91.24
RMS x 57.47
RMS y 57.53
side N [adc counts]
side P [adc counts]

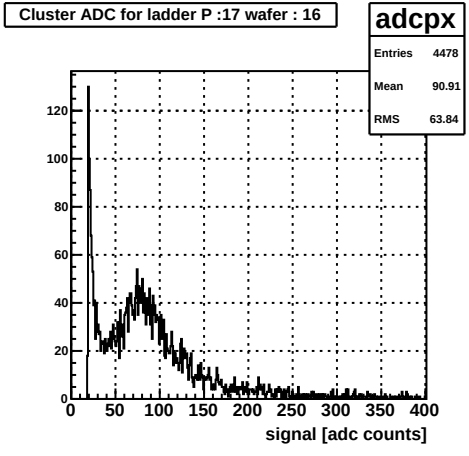

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6355
Mean 65.03
RMS 54.55
signal [adc counts]

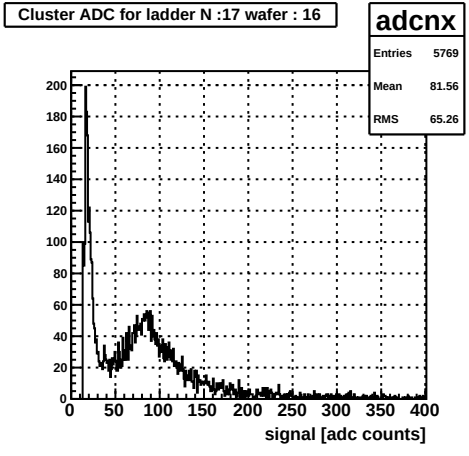

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 6683
Mean 81.38
RMS 63.83
signal [adc counts]

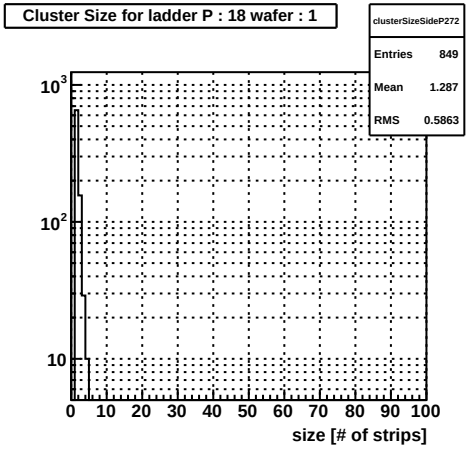

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 4478
Mean 1.444
RMS 0.7414
size [# of strips]

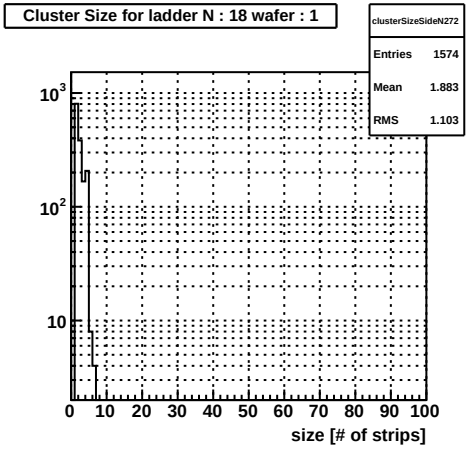

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 5769
Mean 1.639
RMS 0.8616
size [# of strips]

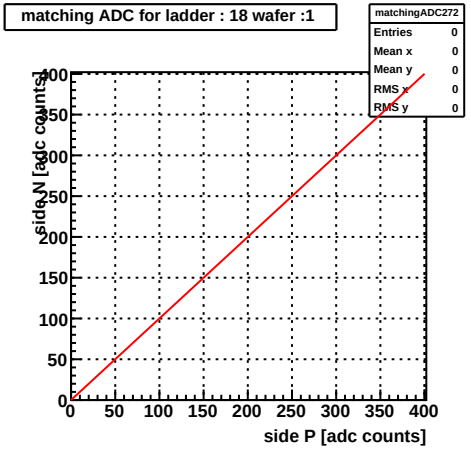

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 3919
Mean x 99.5
Mean y 100.1
RMS x 63.42
RMS y 60.74
side N [adc counts]
side P [adc counts]

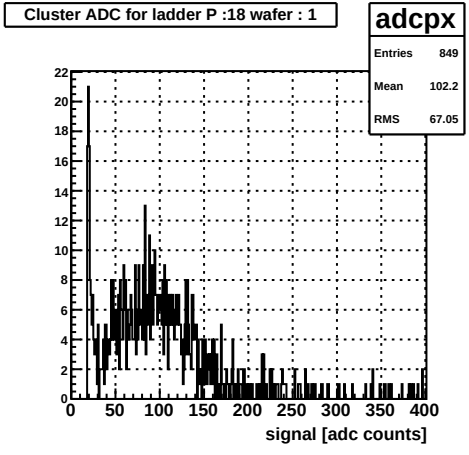

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 4478
Mean 90.91
RMS 63.84
signal [adc counts]

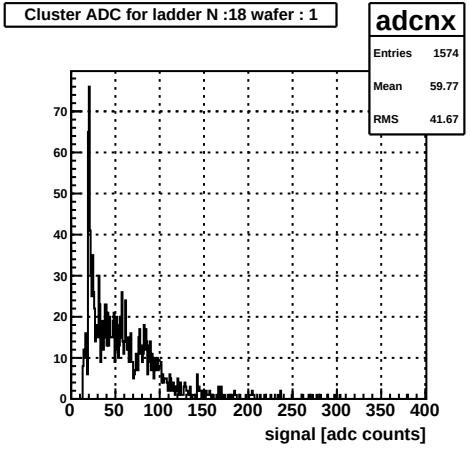

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 5769
Mean 81.56
RMS 65.26
signal [adc counts]

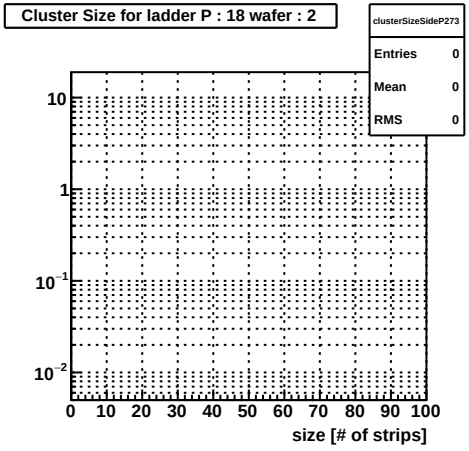

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 849
Mean 1.287
RMS 0.5863
size [# of strips]

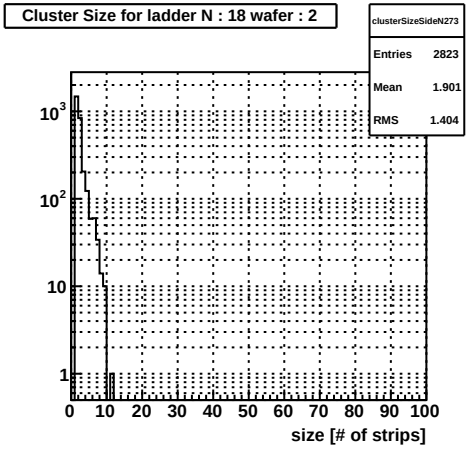

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1574
Mean 1.883
RMS 1.103
size [# of strips]

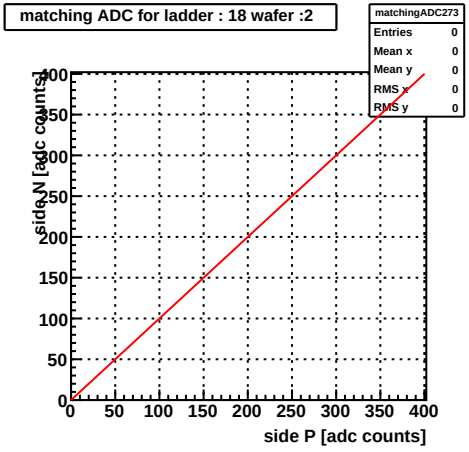

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

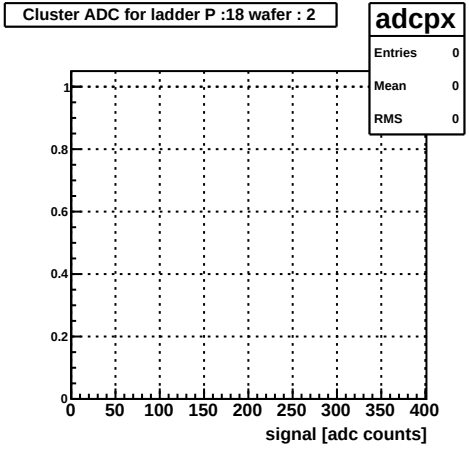

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 849
Mean 102.2
RMS 67.05
signal [adc counts]

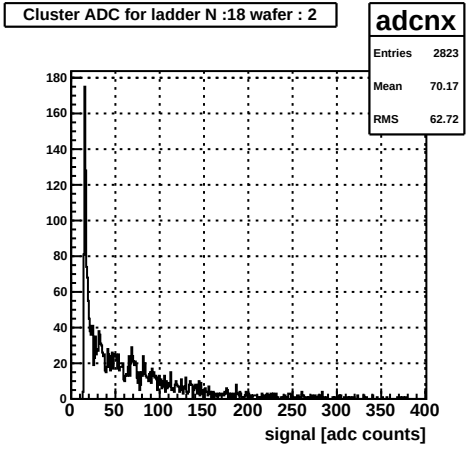

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1574
Mean 59.77
RMS 41.67
signal [adc counts]

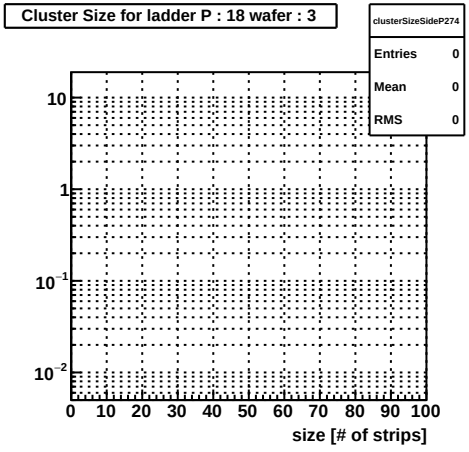

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

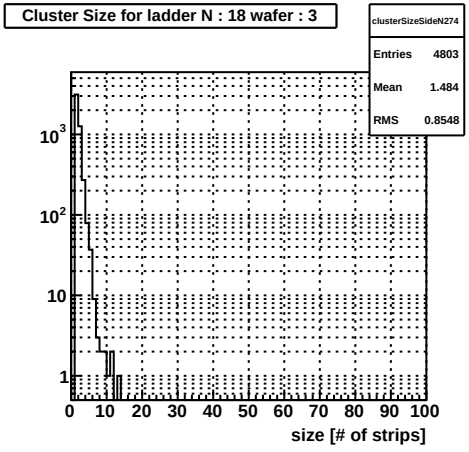

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2823
Mean 1.901
RMS 1.404
size [# of strips]

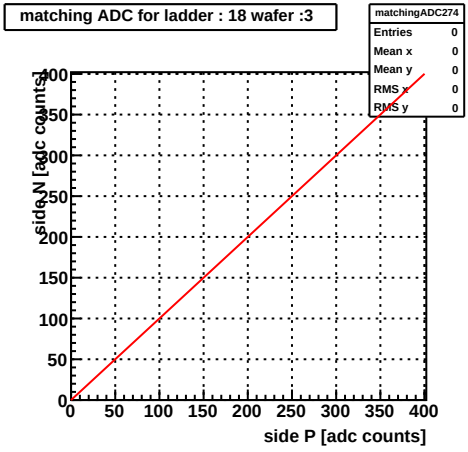

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

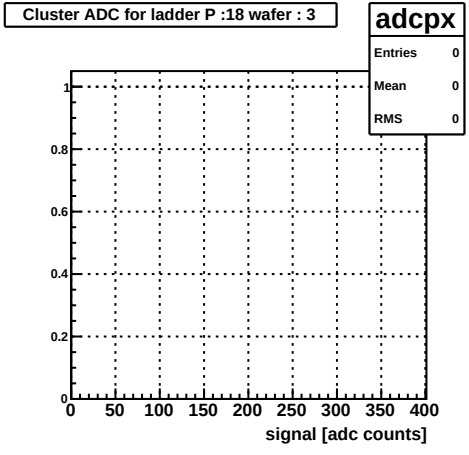

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

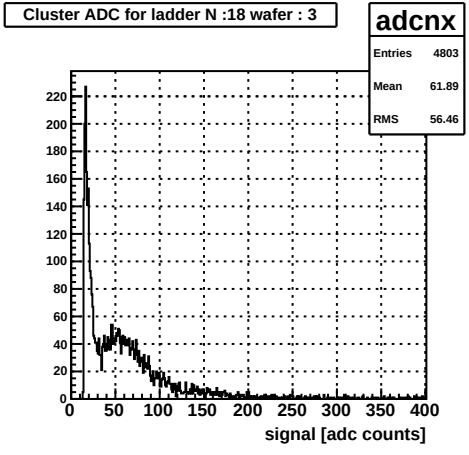

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2823
Mean 70.17
RMS 62.72
signal [adc counts]

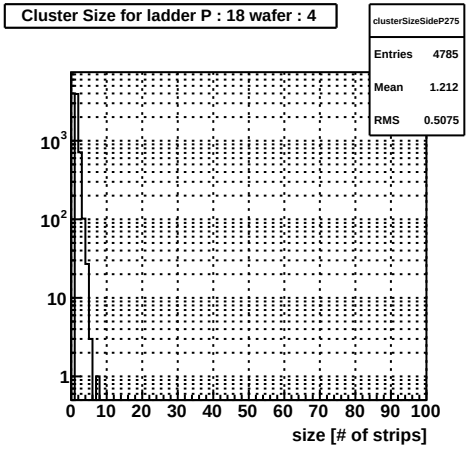

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

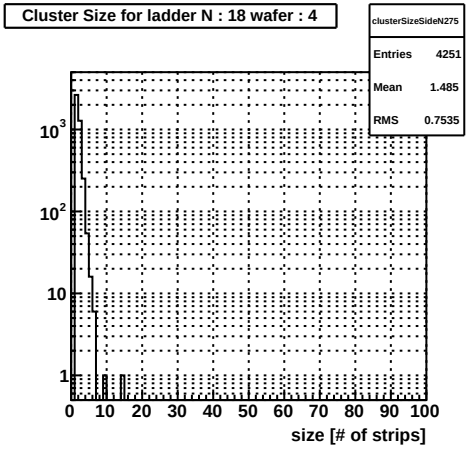

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 4803
Mean 1.484
RMS 0.8548
size [# of strips]

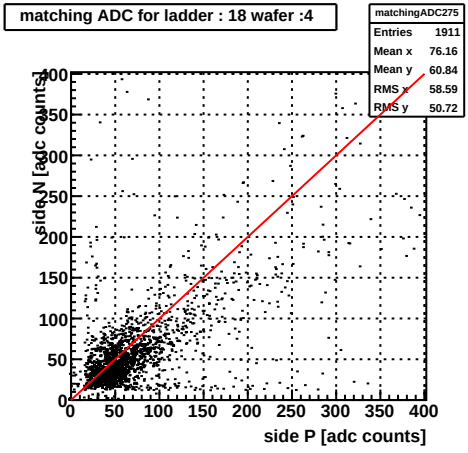

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

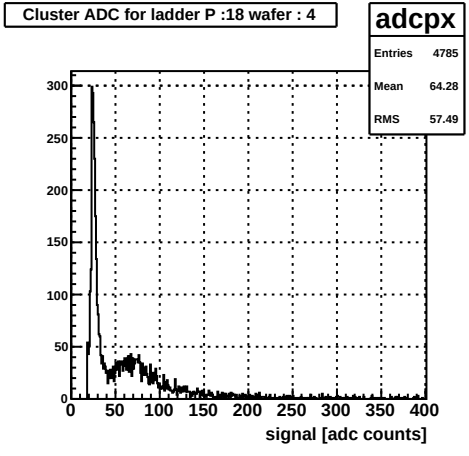

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

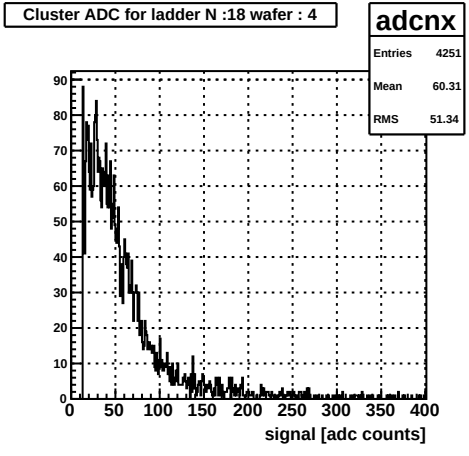

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 4803
Mean 61.89
RMS 56.46
signal [adc counts]

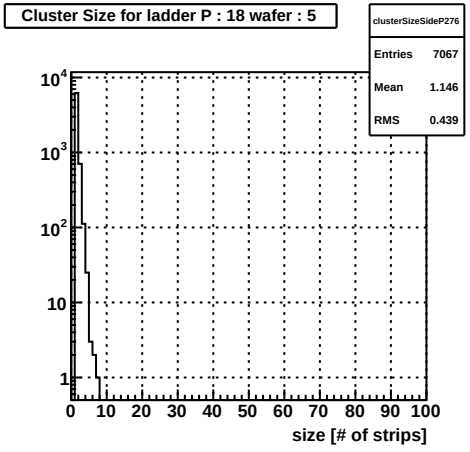

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4785
Mean 1.212
RMS 0.5075
size [# of strips]

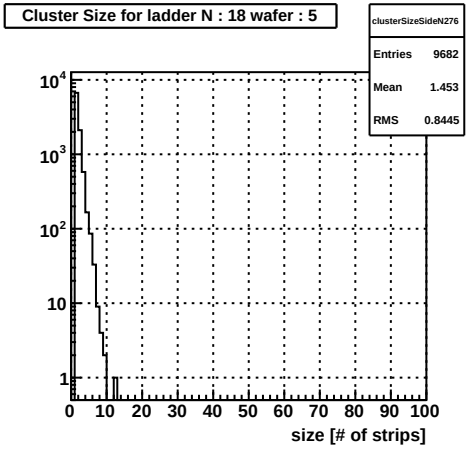

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 4251
Mean 1.485
RMS 0.7535
size [# of strips]

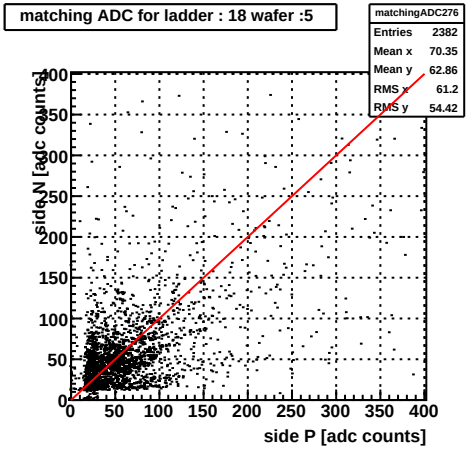

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 1911
Mean x 76.16
Mean y 60.84
RMS x 58.59
RMS y 50.72
side N [adc counts]
side P [adc counts]

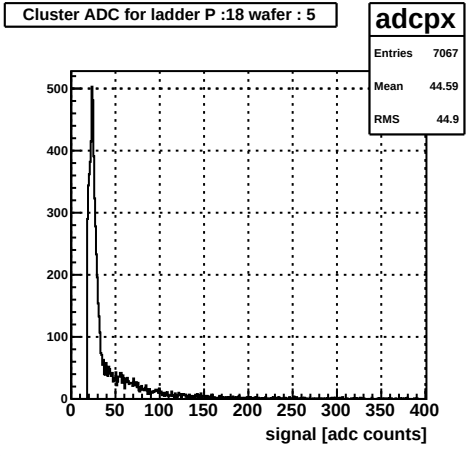

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4785
Mean 64.28
RMS 57.49
signal [adc counts]

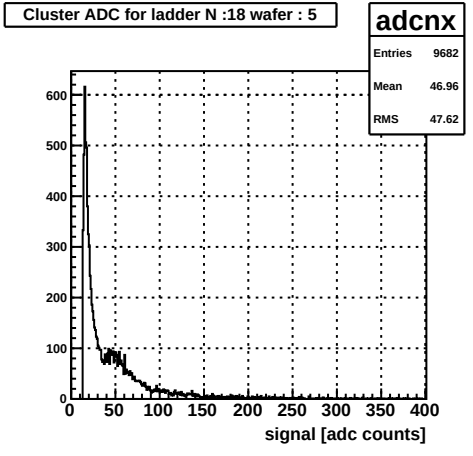

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 4251
Mean 60.31
RMS 51.34
signal [adc counts]

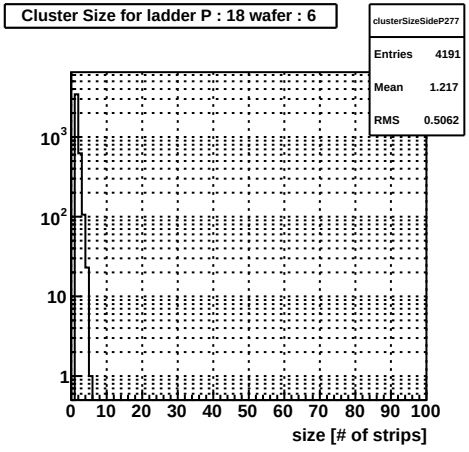

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7067
Mean 1.146
RMS 0.439
size [# of strips]

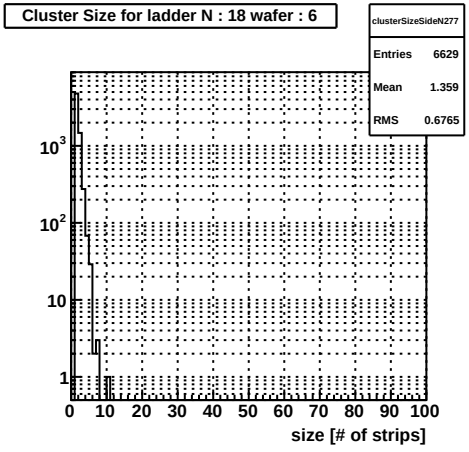

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 9682
Mean 1.453
RMS 0.8445
size [# of strips]

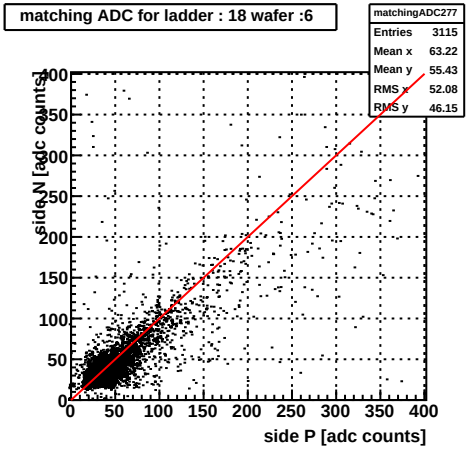

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 2382
Mean x 70.35
Mean y 62.86
RMS x 61.2
RMS y 54.42
side N [adc counts]
side P [adc counts]

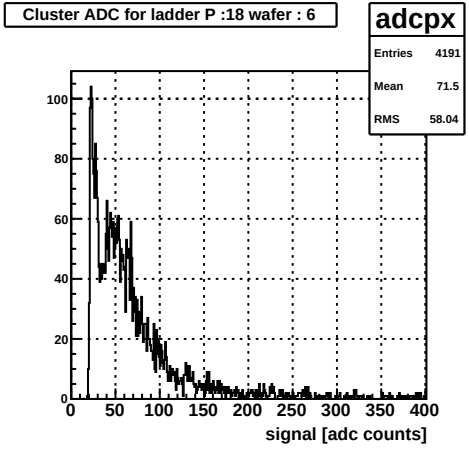

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7067
Mean 44.59
RMS 44.9
signal [adc counts]

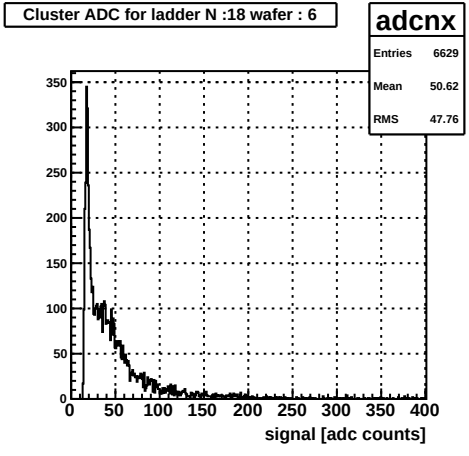

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 9682
Mean 46.96
RMS 47.62
signal [adc counts]

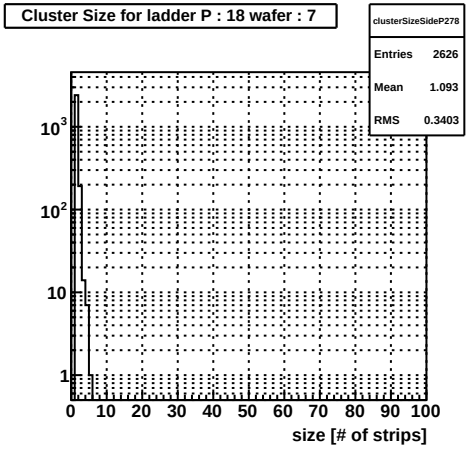

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4191
Mean 1.217
RMS 0.5062
size [# of strips]

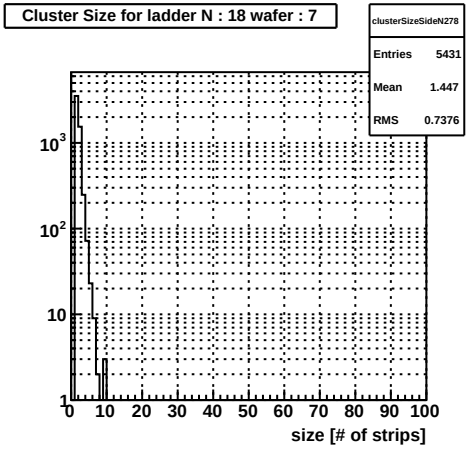

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 6629
Mean 1.359
RMS 0.6765
size [# of strips]

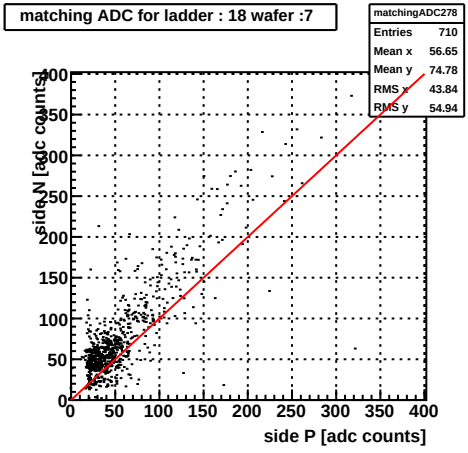

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 3115
Mean x 63.22
Mean y 55.43
RMS x 52.08
RMS y 46.15
side N [adc counts]
side P [adc counts]

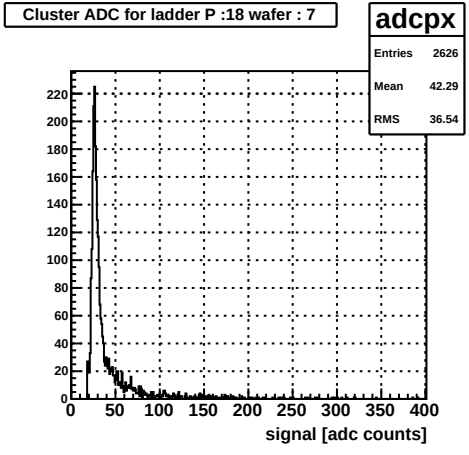

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4191
Mean 71.5
RMS 58.04
signal [adc counts]

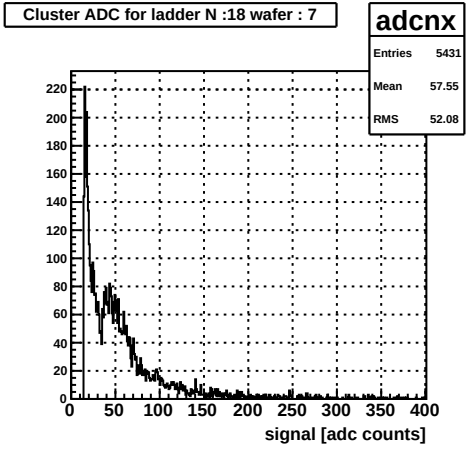

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 6629
Mean 50.62
RMS 47.76
signal [adc counts]

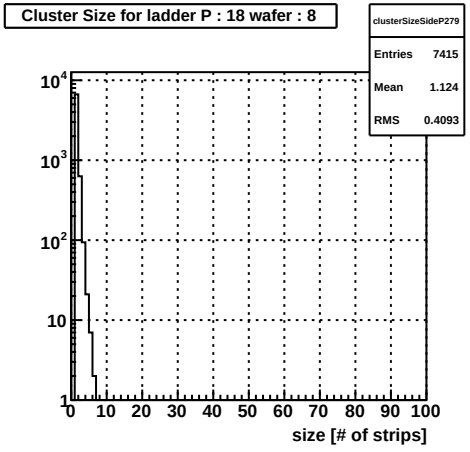

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 2626
Mean 1.093
RMS 0.3403
size [# of strips]

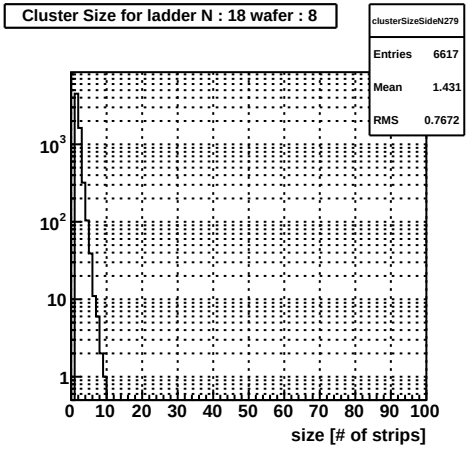

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 5431
Mean 1.447
RMS 0.7376
size [# of strips]

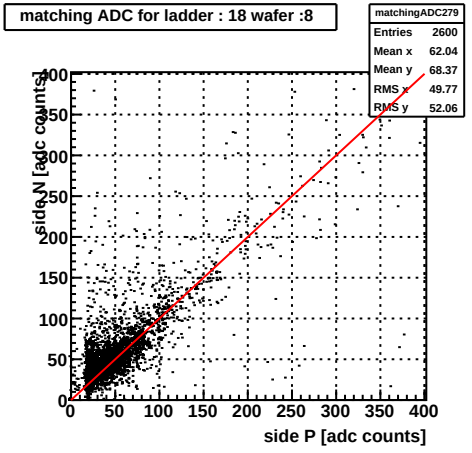

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 710
Mean x 56.65
Mean y 74.78
RMS x 43.84
RMS y 54.94
side N [adc counts]
side P [adc counts]

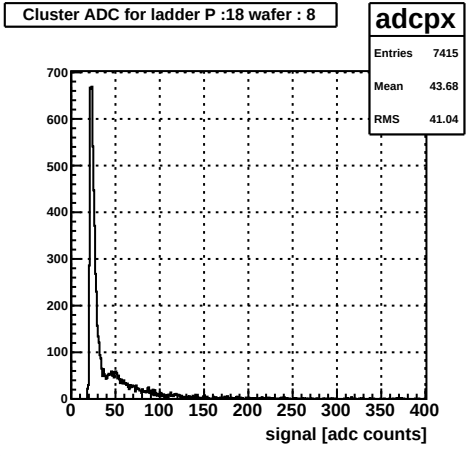

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 2626
Mean 42.29
RMS 36.54
signal [adc counts]

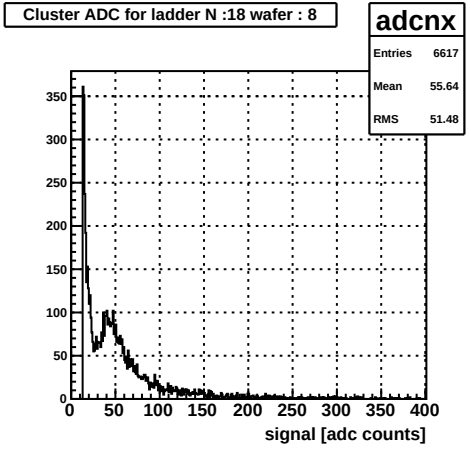

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 5431
Mean 57.55
RMS 52.08
signal [adc counts]

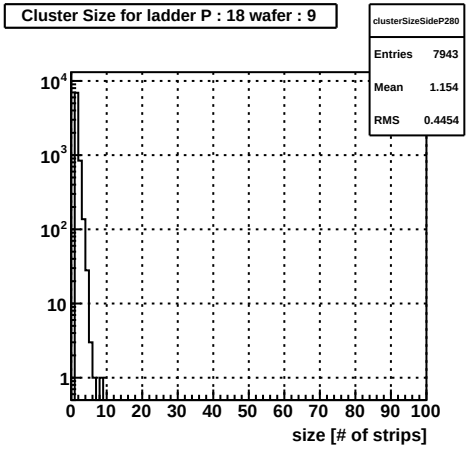

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 7415
Mean 1.124
RMS 0.4093
size [# of strips]

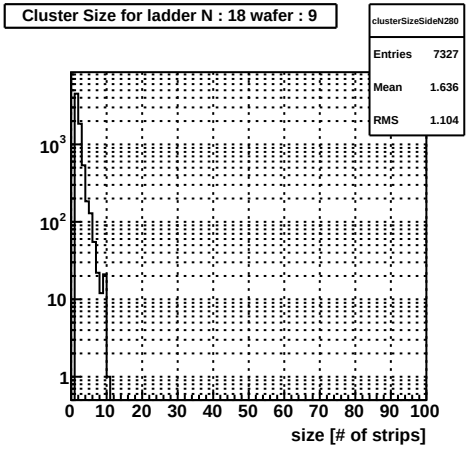

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 6617
Mean 1.431
RMS 0.7672
size [# of strips]

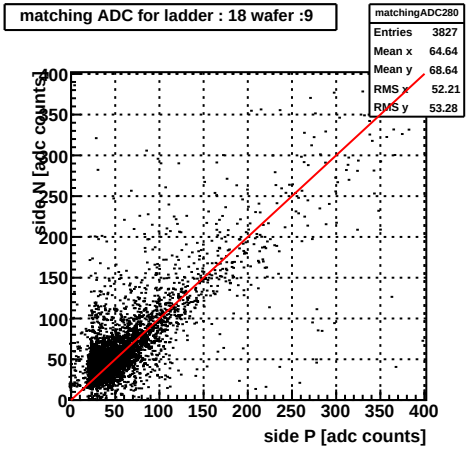

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 2600
Mean x 62.04
Mean y 68.37
RMS x 49.77
RMS y 52.06
side N [adc counts]
side P [adc counts]

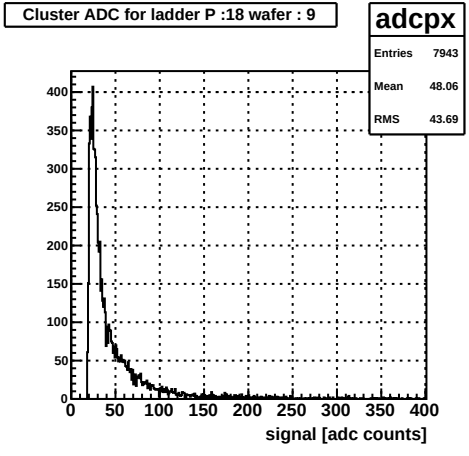

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 7415
Mean 43.68
RMS 41.04
signal [adc counts]

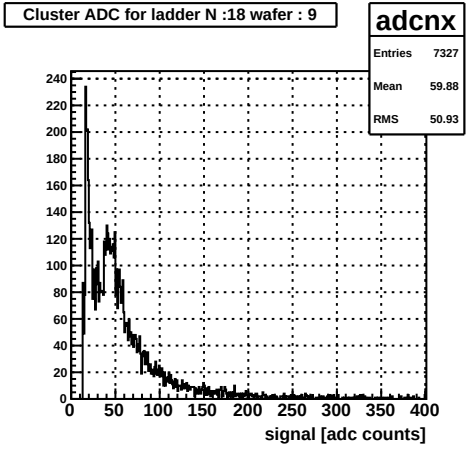

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 6617
Mean 55.64
RMS 51.48
signal [adc counts]

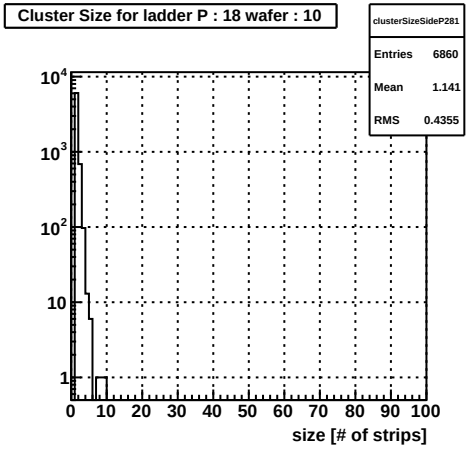

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7943
Mean 1.154
RMS 0.4454
size [# of strips]

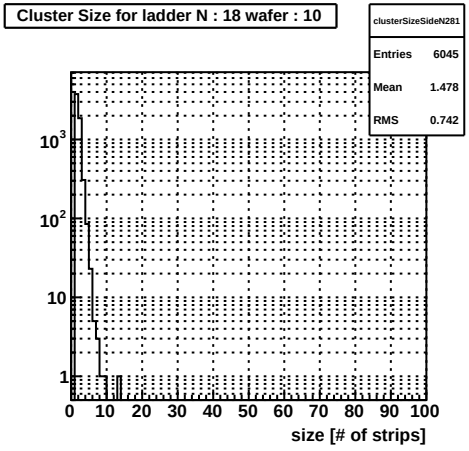

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 7327
Mean 1.636
RMS 1.104
size [# of strips]

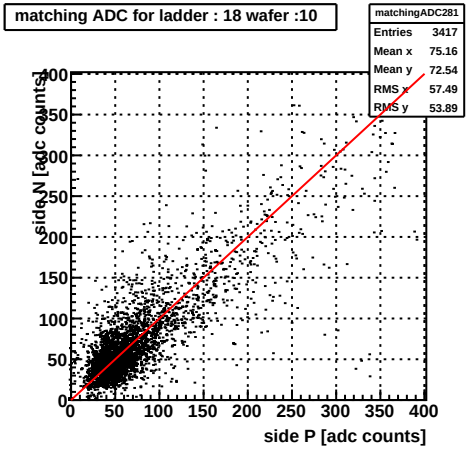

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 3827
Mean x 64.64
Mean y 68.64
RMS x 52.21
RMS y 53.28
side N [adc counts]
side P [adc counts]

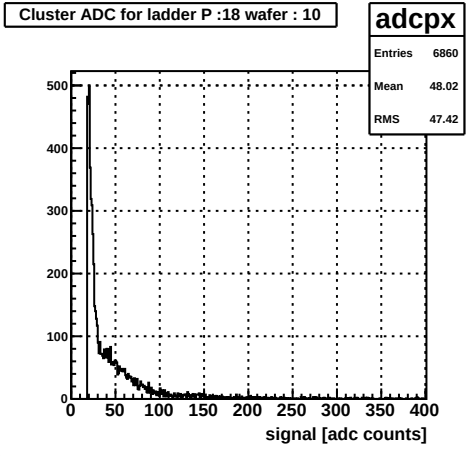

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7943
Mean 48.06
RMS 43.69
signal [adc counts]

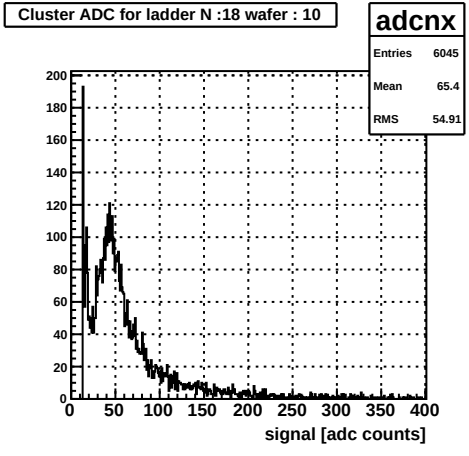

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 7327
Mean 59.88
RMS 50.93
signal [adc counts]

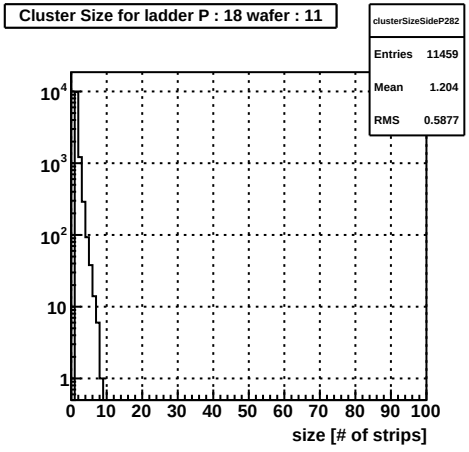

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6860
Mean 1.141
RMS 0.4355
size [# of strips]

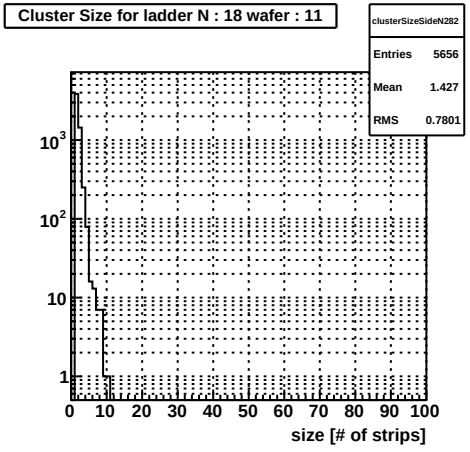

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 6045
Mean 1.478
RMS 0.742
size [# of strips]

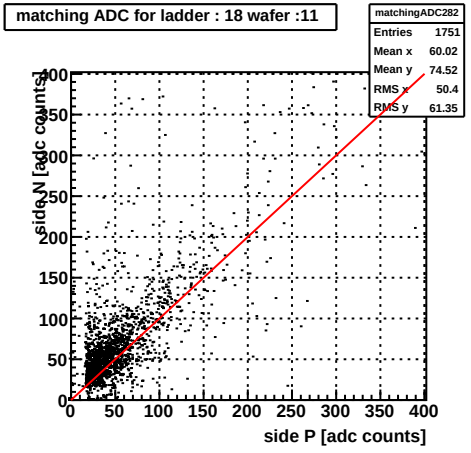

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 3417
Mean x 75.16
Mean y 72.54
RMS x 57.49
RMS y 53.89
side N [adc counts]
side P [adc counts]

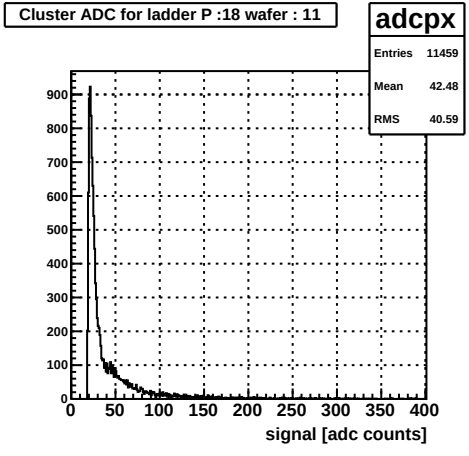

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6860
Mean 48.02
RMS 47.42
signal [adc counts]

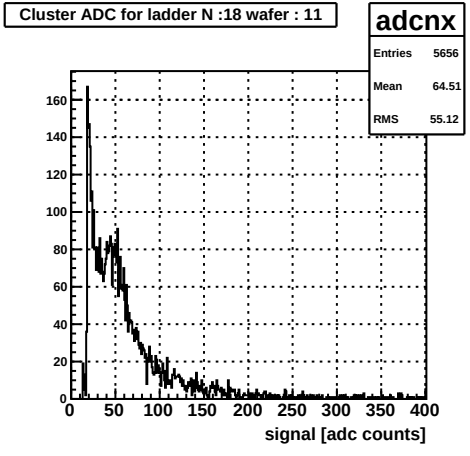

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 6045
Mean 65.4
RMS 54.91
signal [adc counts]

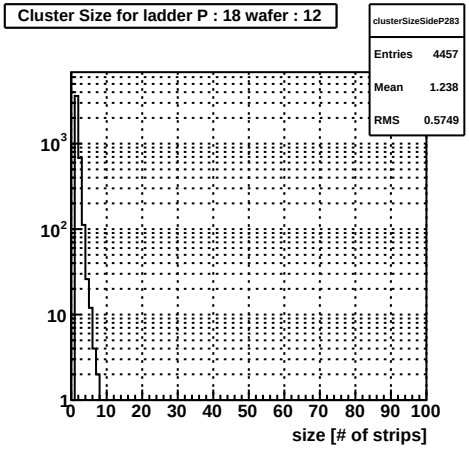

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 11459
Mean 1.204
RMS 0.5877
size [# of strips]

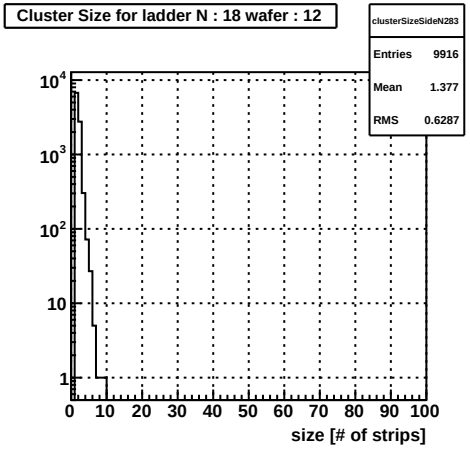

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 5656
Mean 1.427
RMS 0.7801
size [# of strips]

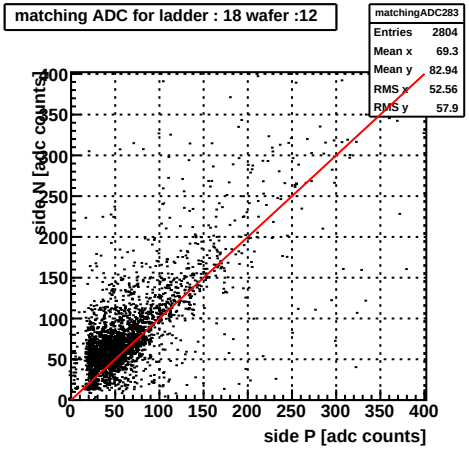

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1751
Mean x 60.02
Mean y 74.52
RMS x 50.4
RMS y 61.35
side N [adc counts]
side P [adc counts]

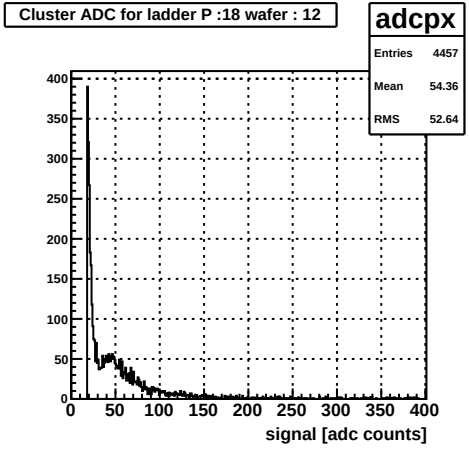

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 11459
Mean 42.48
RMS 40.59
signal [adc counts]

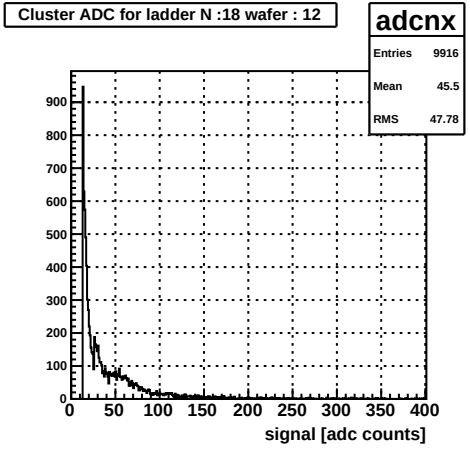

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 5656
Mean 64.51
RMS 55.12
signal [adc counts]

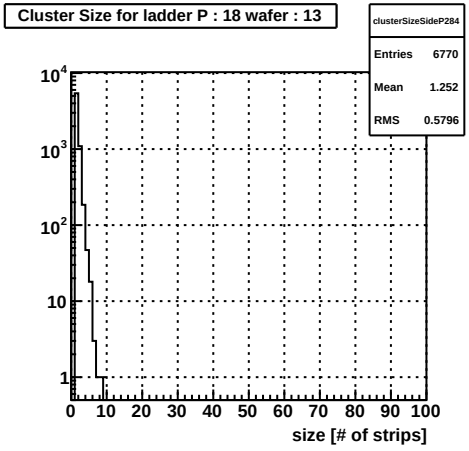

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 4457
Mean 1.238
RMS 0.5749
size [# of strips]

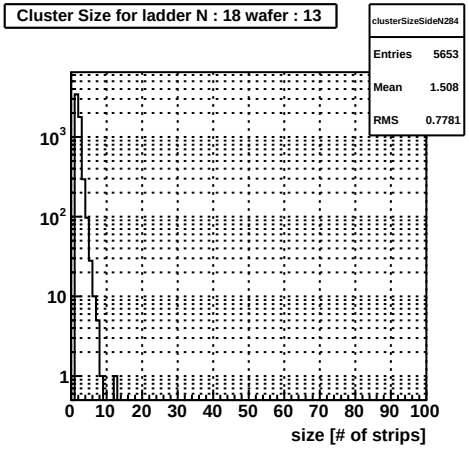

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 9916
Mean 1.377
RMS 0.6287
size [# of strips]

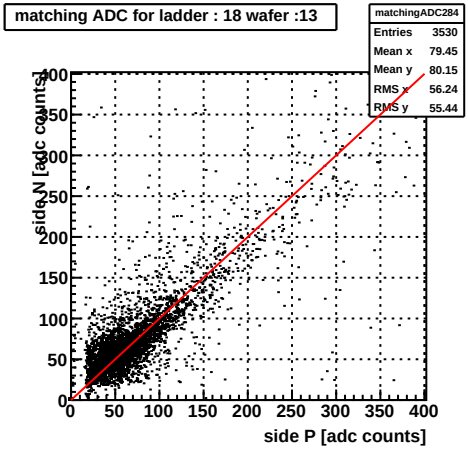

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 2804
Mean x 69.3
Mean y 82.94
RMS x 52.56
RMS y 57.9
side N [adc counts]
side P [adc counts]

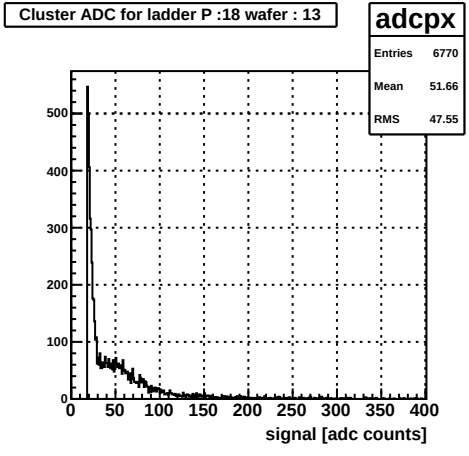

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 4457
Mean 54.36
RMS 52.64
signal [adc counts]

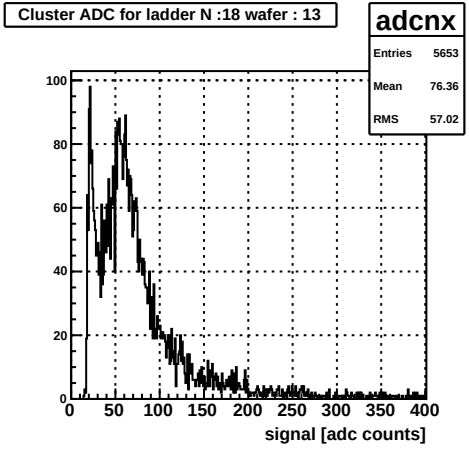

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 9916
Mean 45.5
RMS 47.78
signal [adc counts]

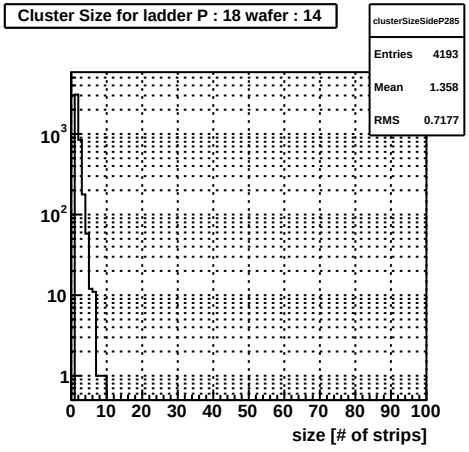

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 6770
Mean 1.252
RMS 0.5796
size [# of strips]

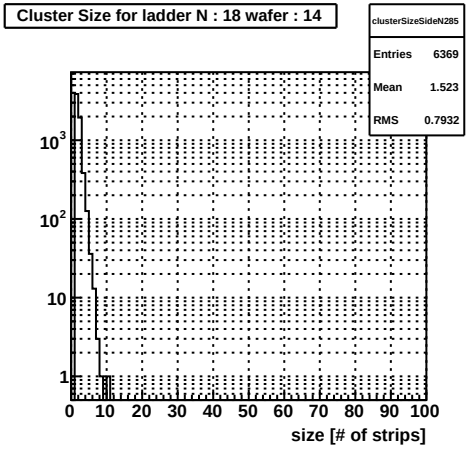

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 5653
Mean 1.508
RMS 0.7781
size [# of strips]

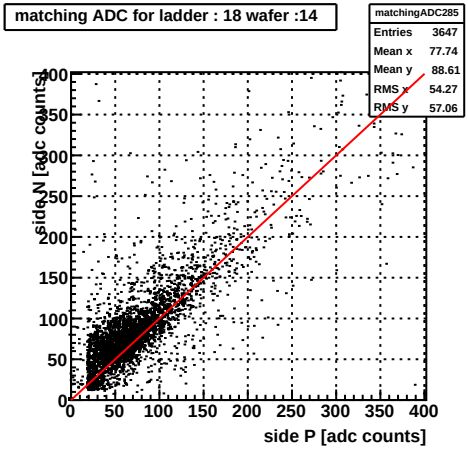

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 3530
Mean x 79.45
Mean y 80.15
RMS x 56.24
RMS y 55.44
side N [adc counts]
side P [adc counts]

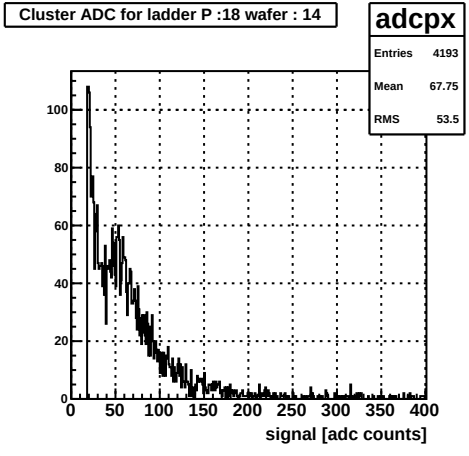

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 6770
Mean 51.66
RMS 47.55
signal [adc counts]

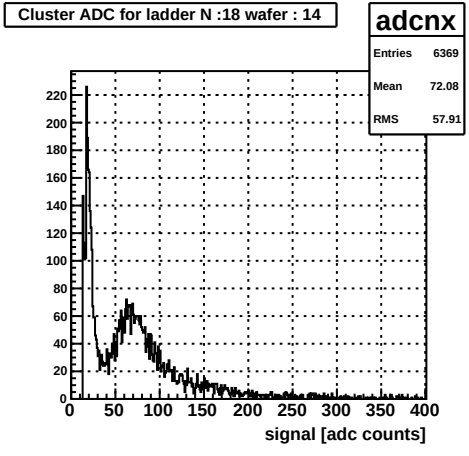

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 5653
Mean 76.36
RMS 57.02
signal [adc counts]

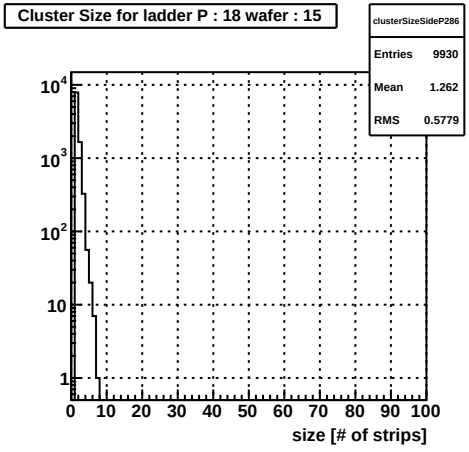

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 4193
Mean 1.358
RMS 0.7177
size [# of strips]

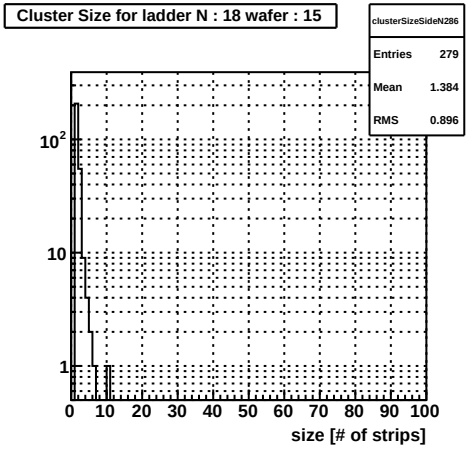

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 6369
Mean 1.523
RMS 0.7932
size [# of strips]

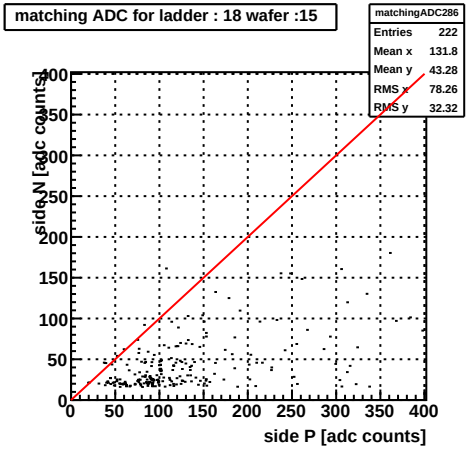

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 3647
Mean x 77.74
Mean y 88.61
RMS x 54.27
RMS y 57.06
side N [adc counts]
side P [adc counts]

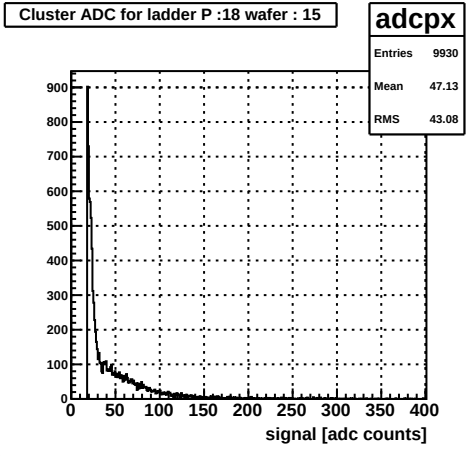

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 4193
Mean 67.75
RMS 53.5
signal [adc counts]

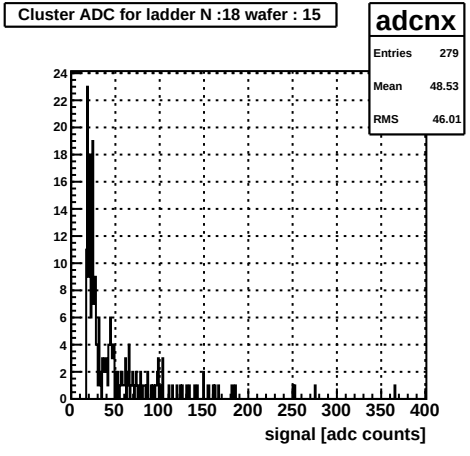

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 6369
Mean 72.08
RMS 57.91
signal [adc counts]

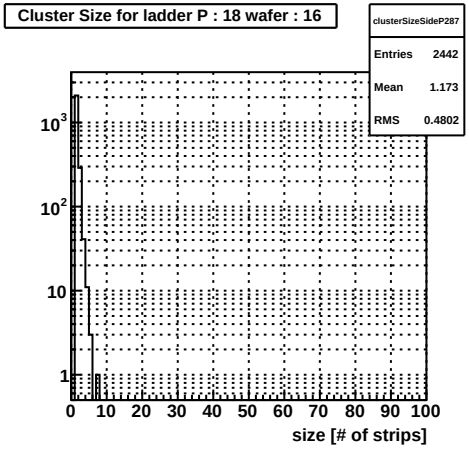

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 9930
Mean 1.262
RMS 0.5779
size [# of strips]

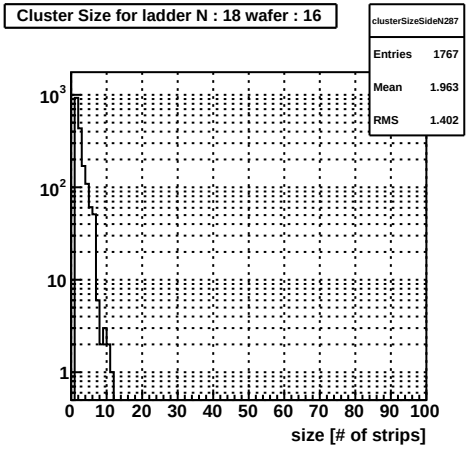

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 279
Mean 1.384
RMS 0.896
size [# of strips]

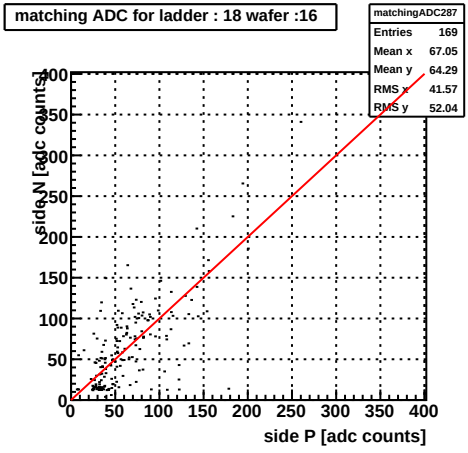

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 222
Mean x 131.8
Mean y 43.28
RMS x 78.26
RMS y 32.32
side N [adc counts]
side P [adc counts]

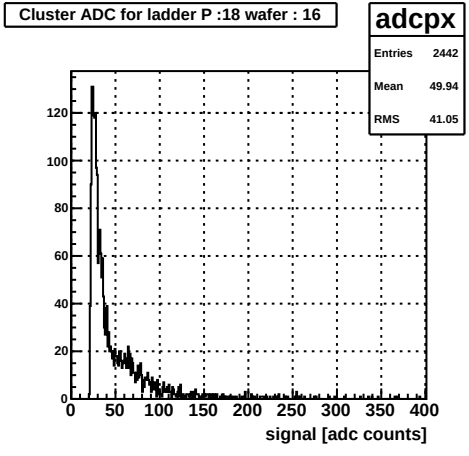

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 9930
Mean 47.13
RMS 43.08
signal [adc counts]

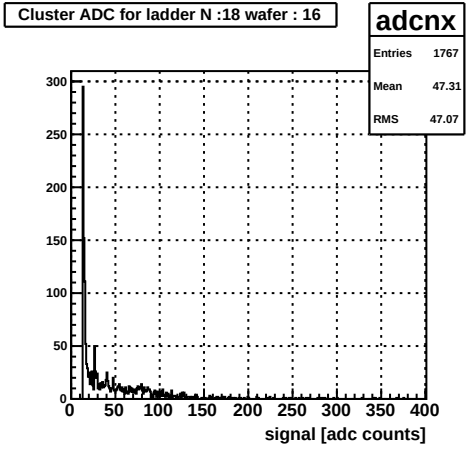

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 279
Mean 48.53
RMS 46.01
signal [adc counts]

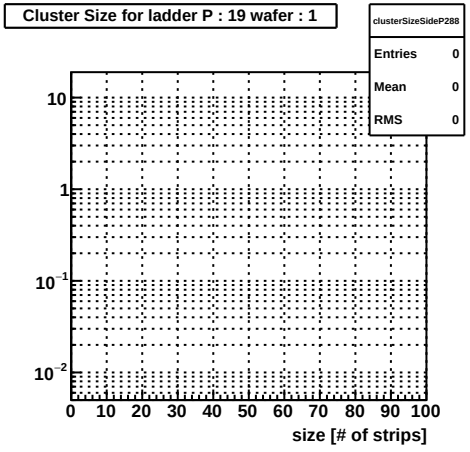

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2442
Mean 1.173
RMS 0.4802
size [# of strips]

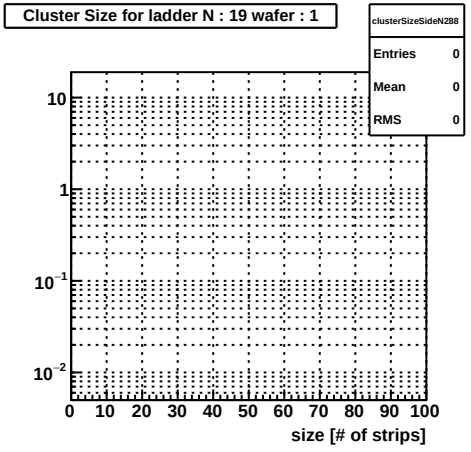

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1767
Mean 1.963
RMS 1.402
size [# of strips]

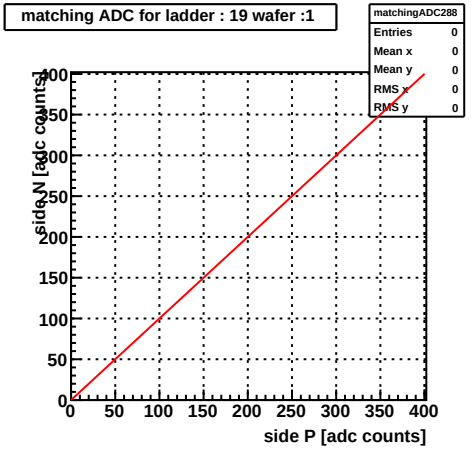

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 169
Mean x 67.05
Mean y 64.29
RMS x 41.57
RMS y 52.04
side N [adc counts]
side P [adc counts]

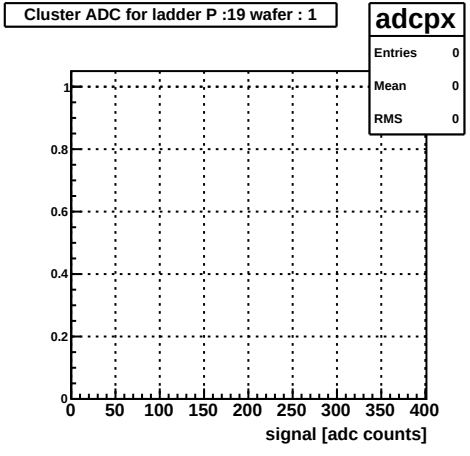

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2442
Mean 49.94
RMS 41.05
signal [adc counts]

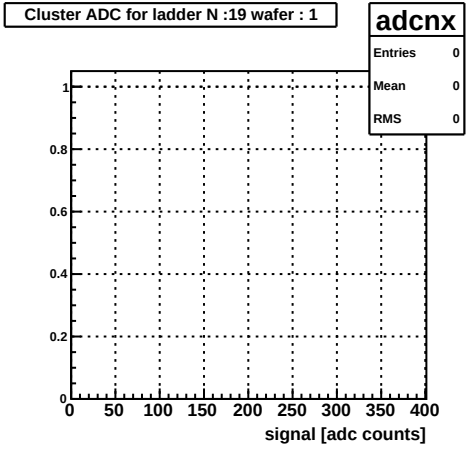

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1767
Mean 47.31
RMS 47.07
signal [adc counts]

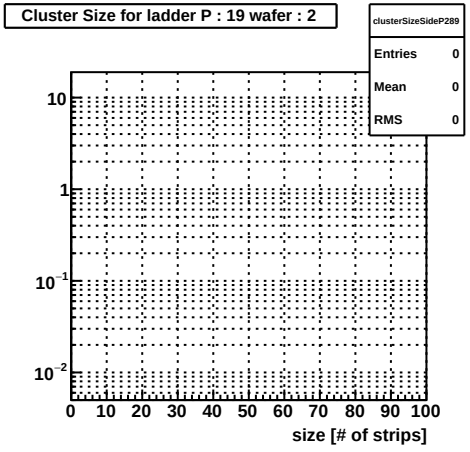

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

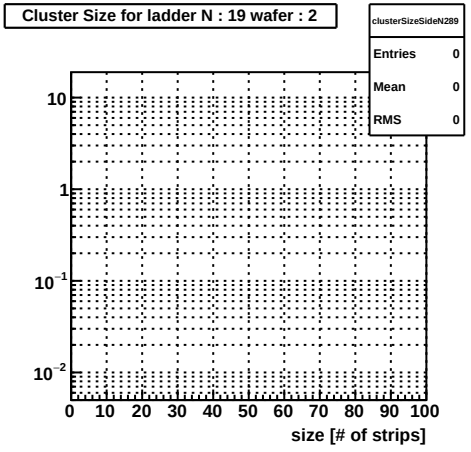

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

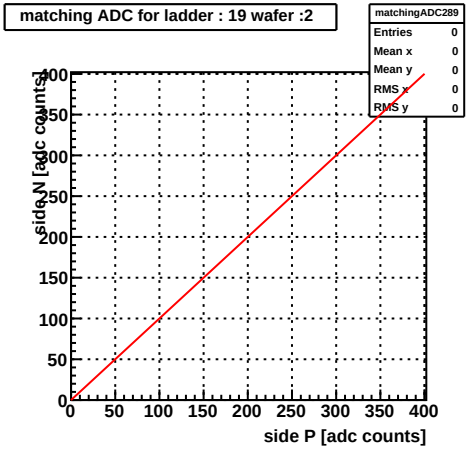

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

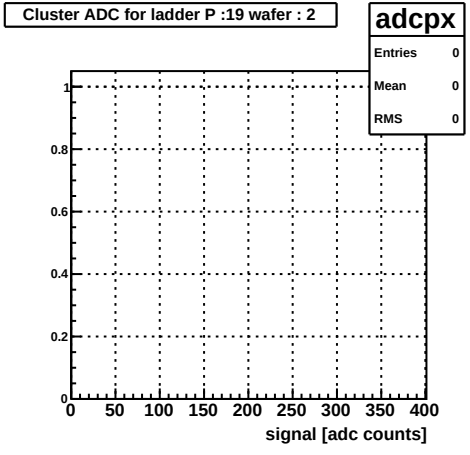

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

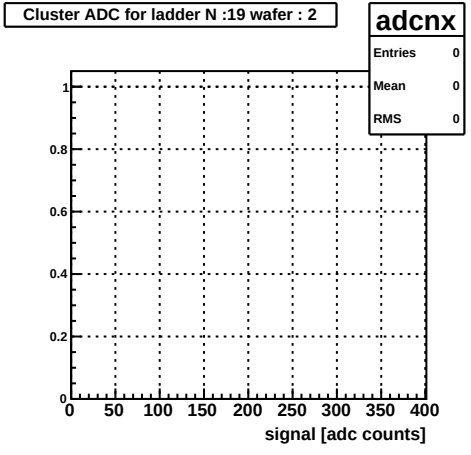

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

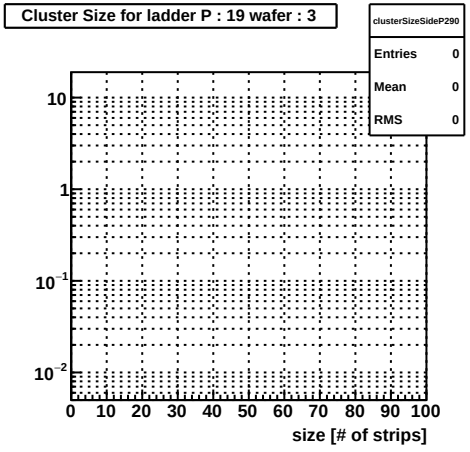

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

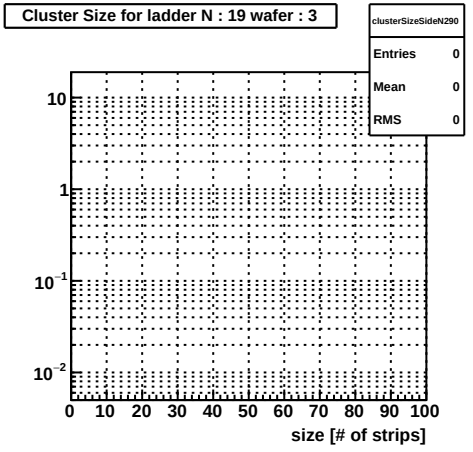

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

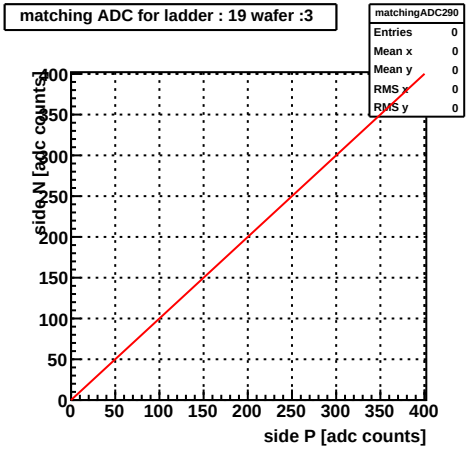

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

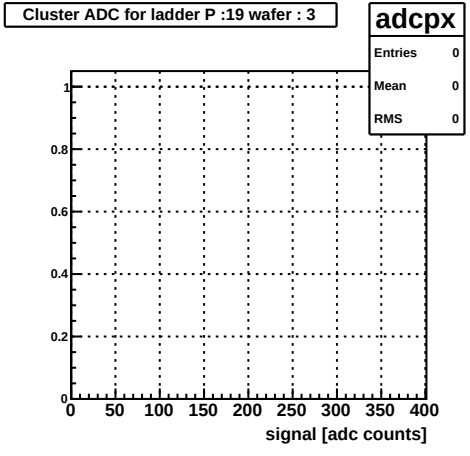

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

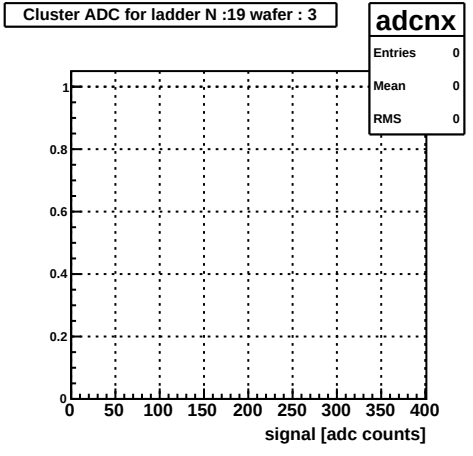

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

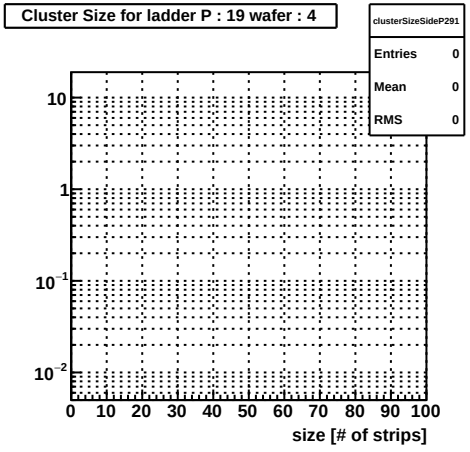

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

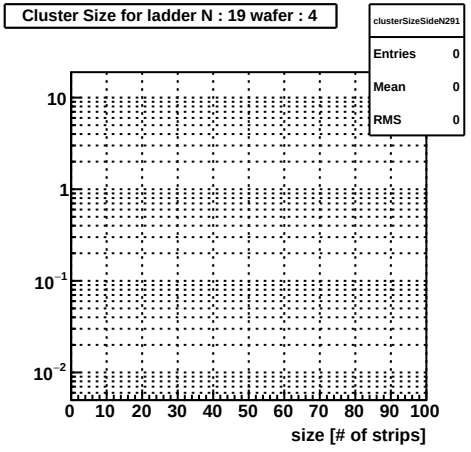

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

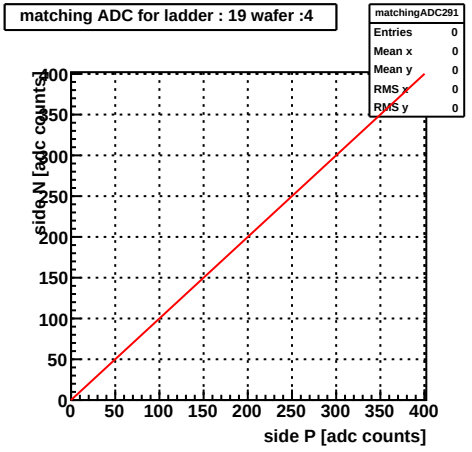

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

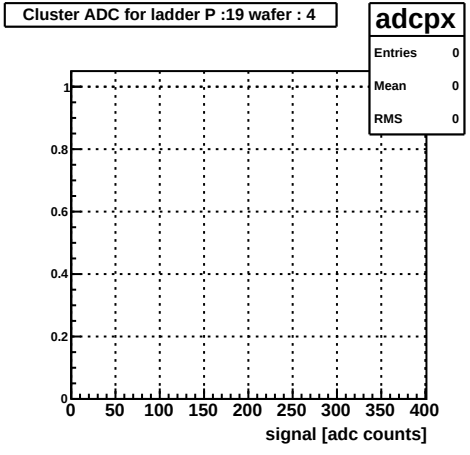

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

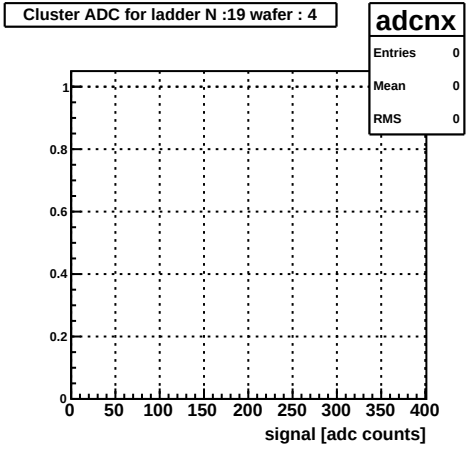

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

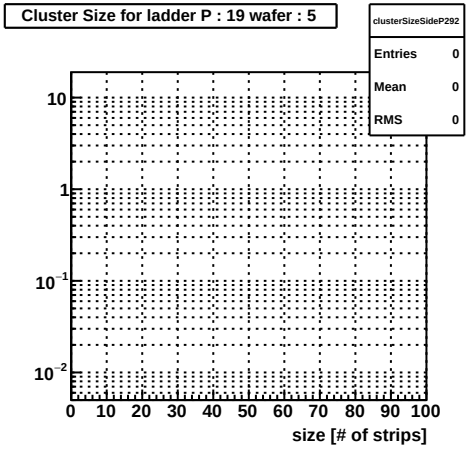

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

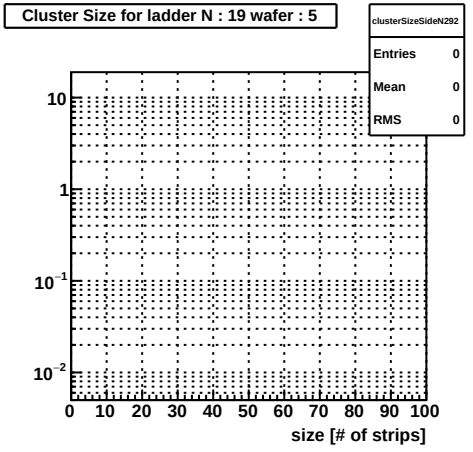

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

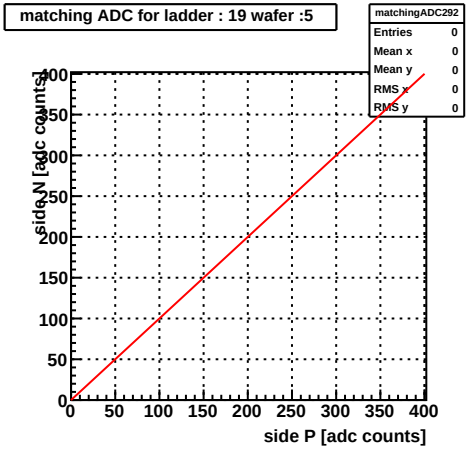

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

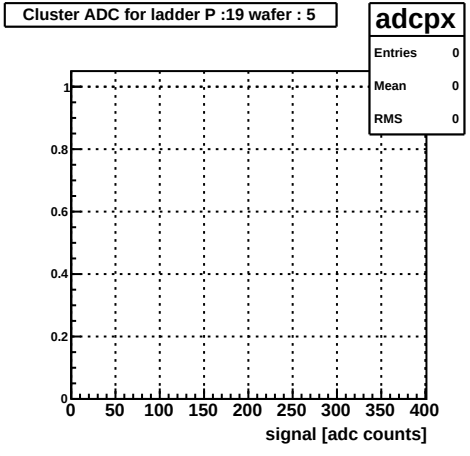

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

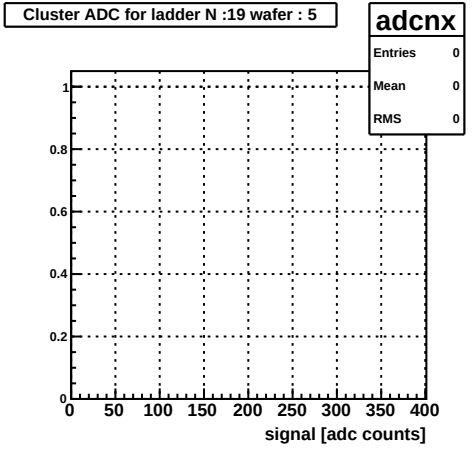

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

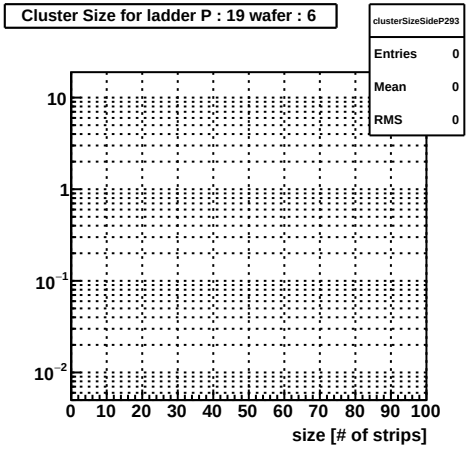

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

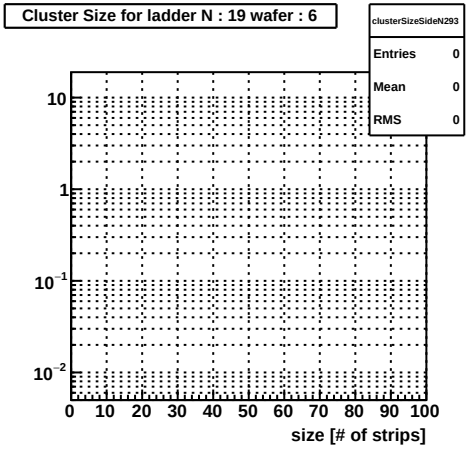

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

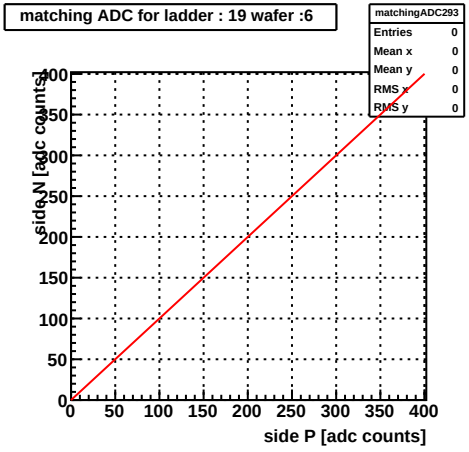

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

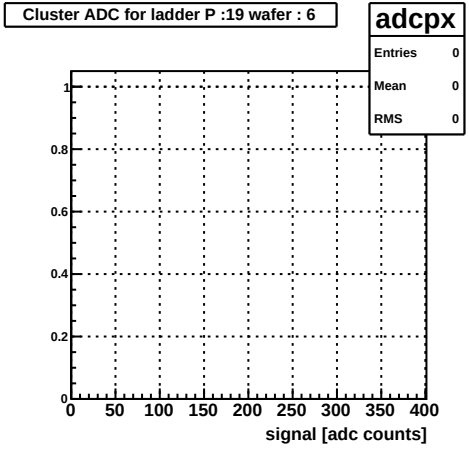

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

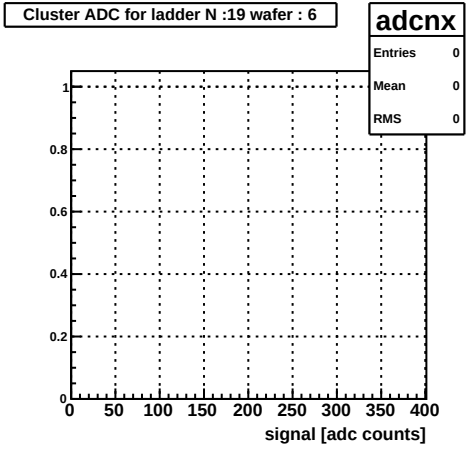

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

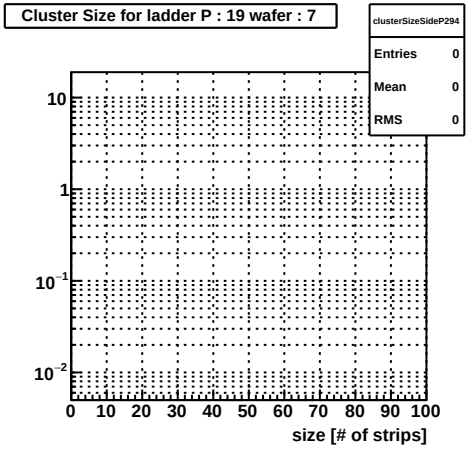

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

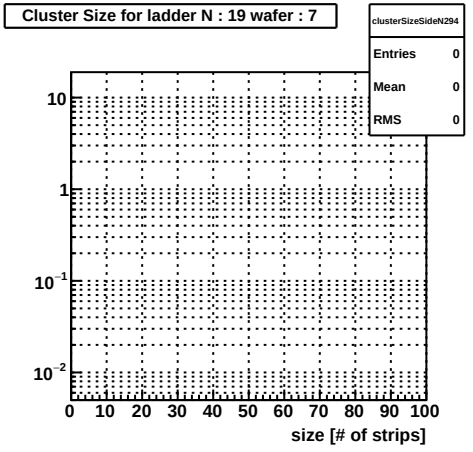

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

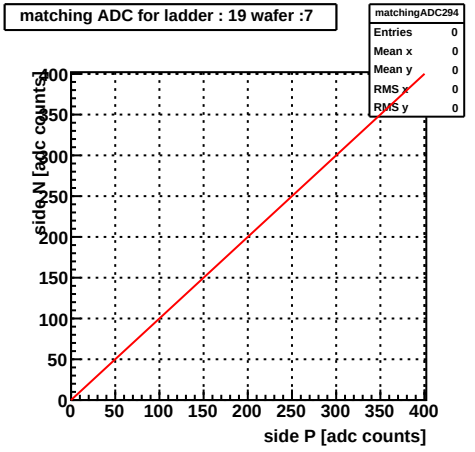

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

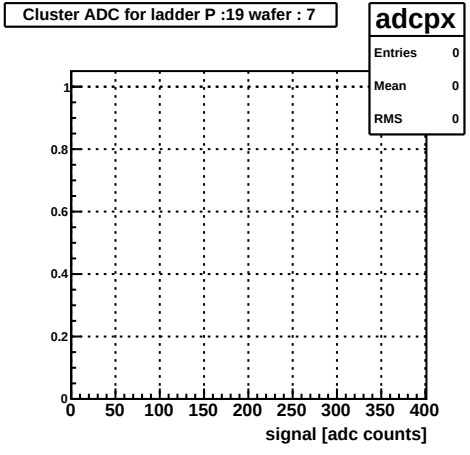

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

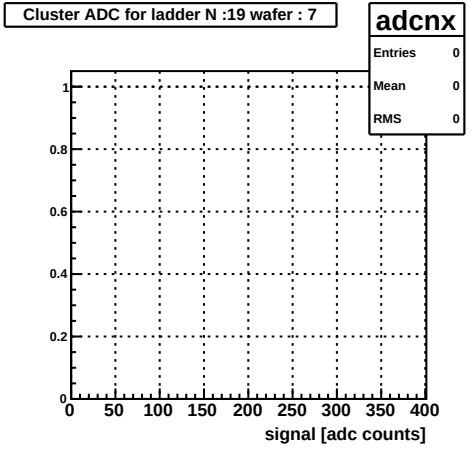

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

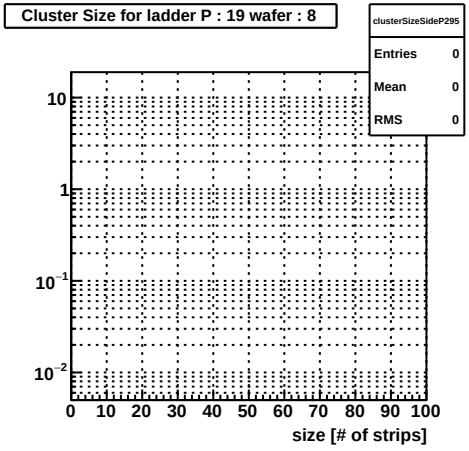

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

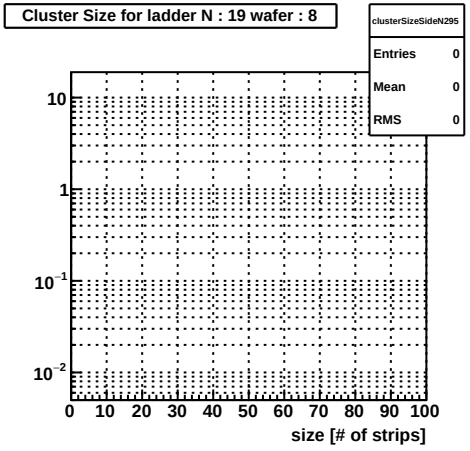

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

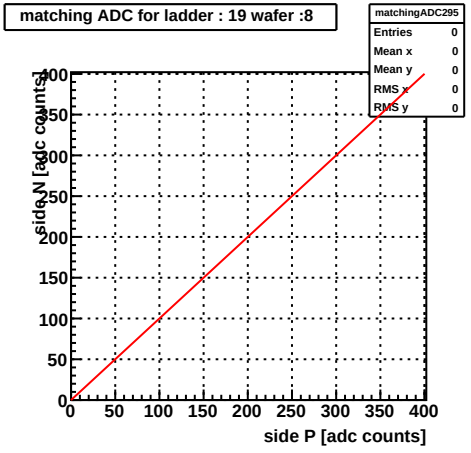

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

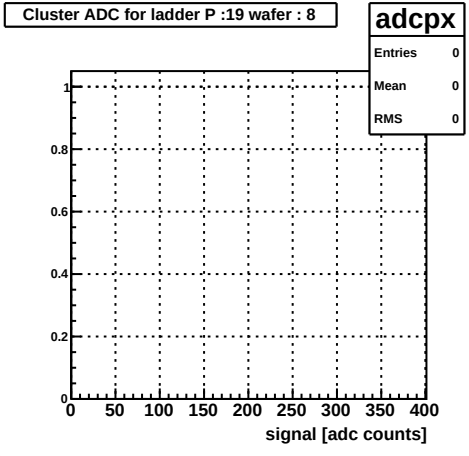

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

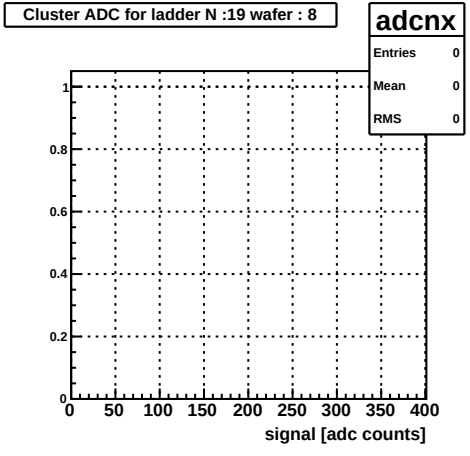

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

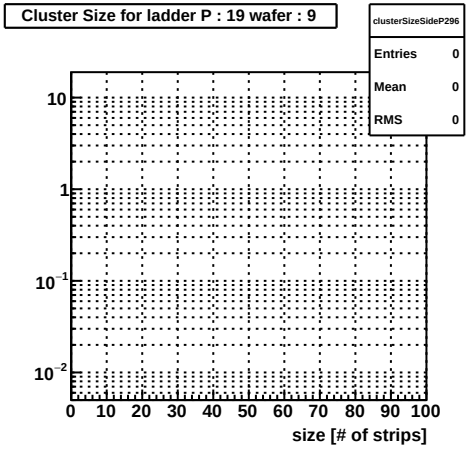

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

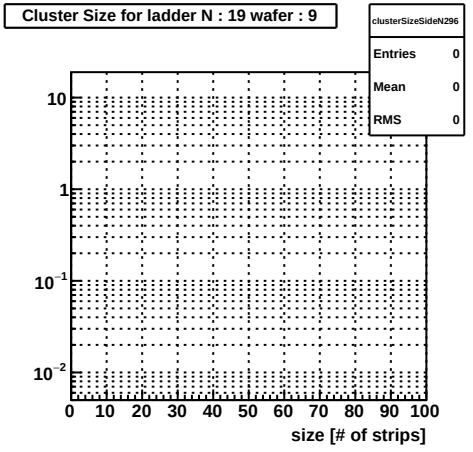

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

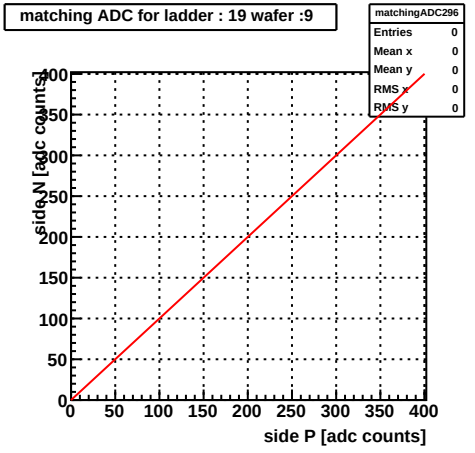

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

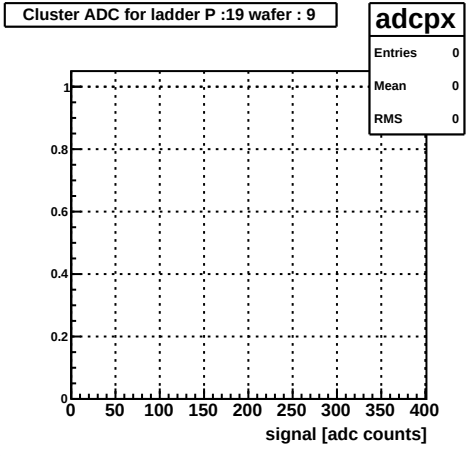

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

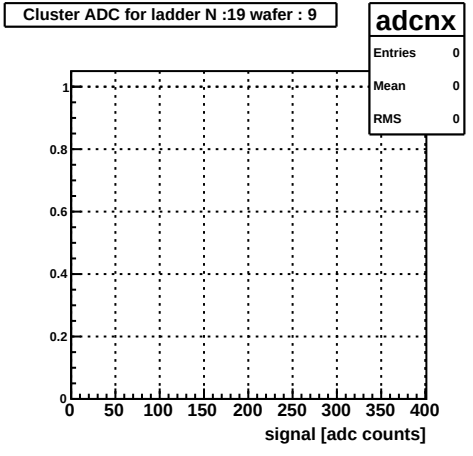

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

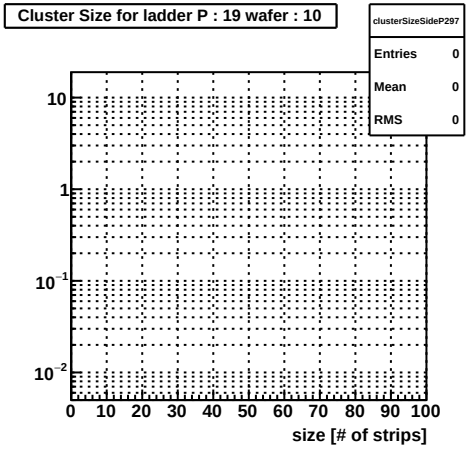

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

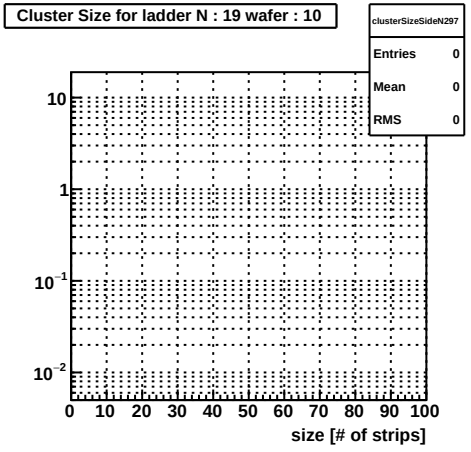

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

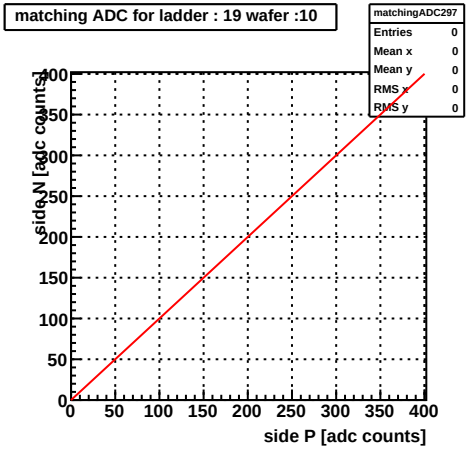

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

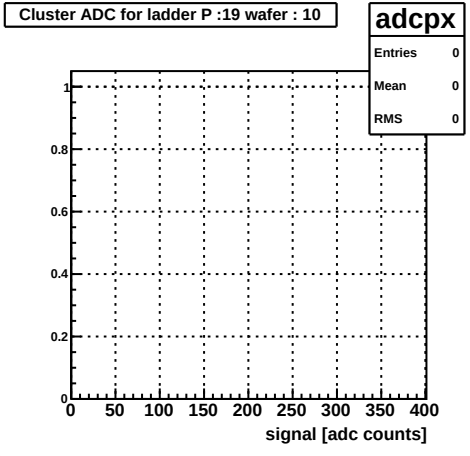

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

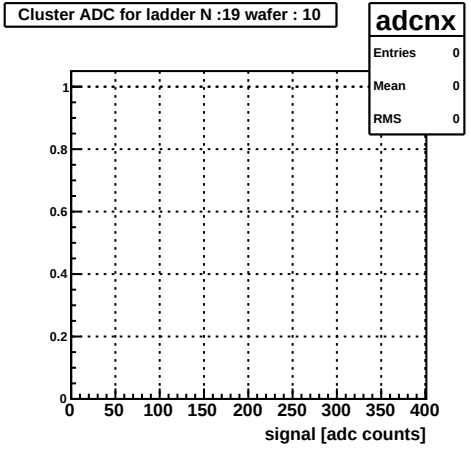

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

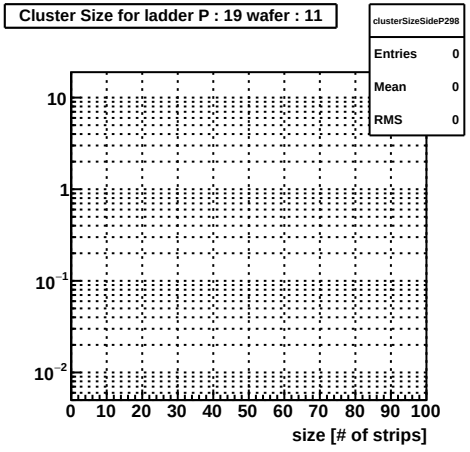

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

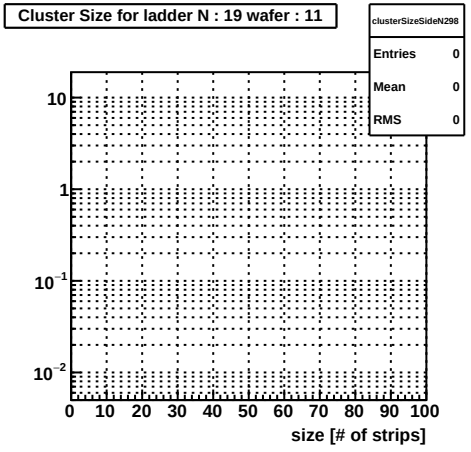

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

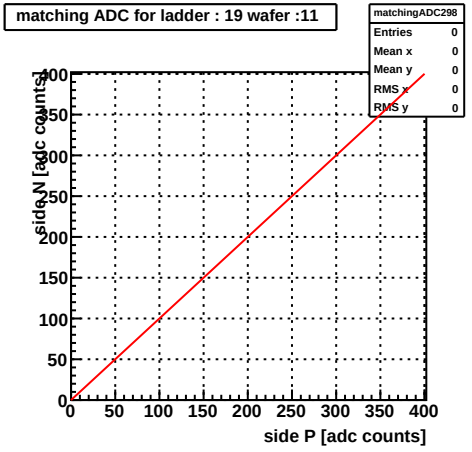

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

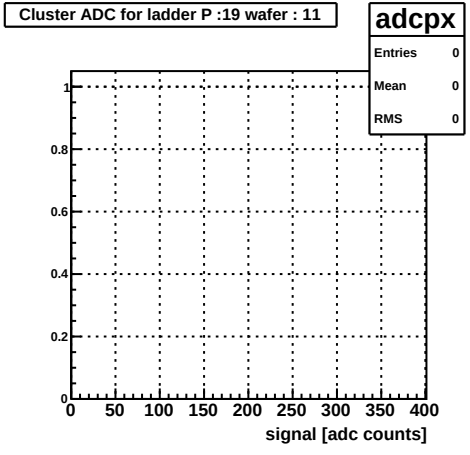

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

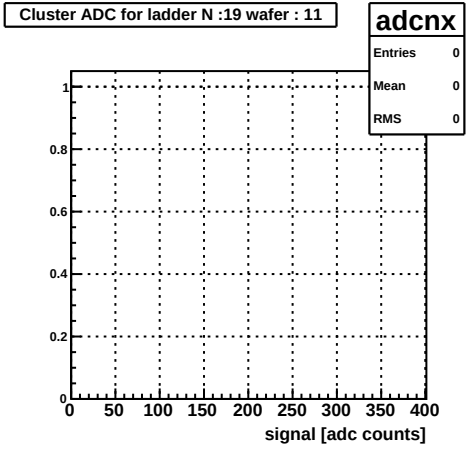

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

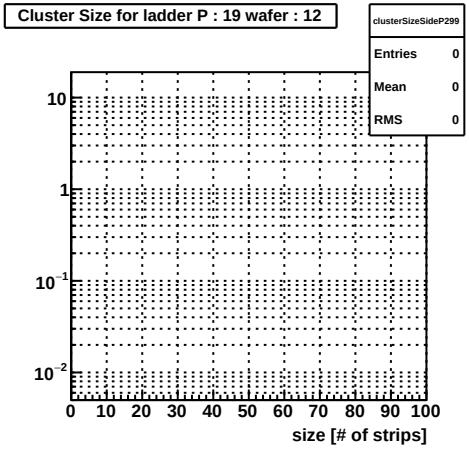

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

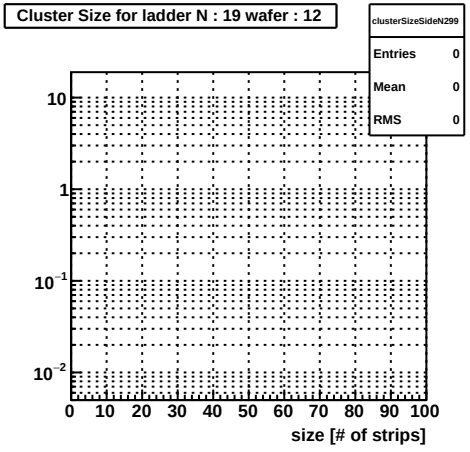

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

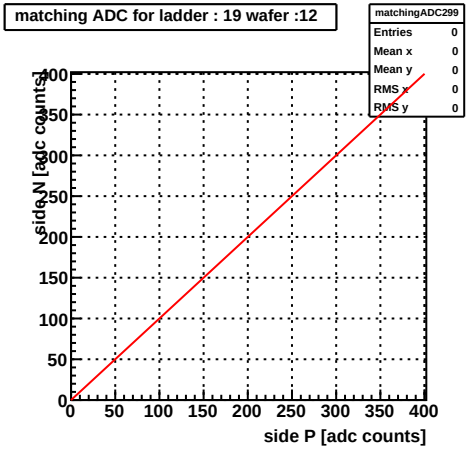

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

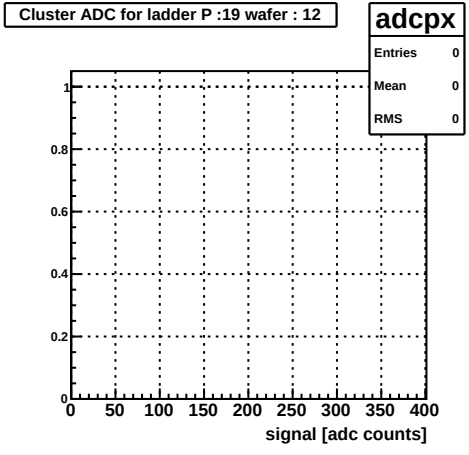

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

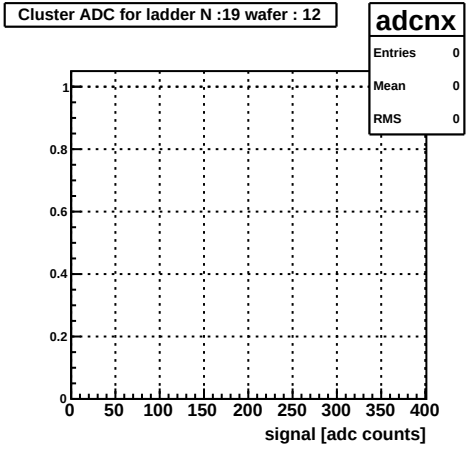

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

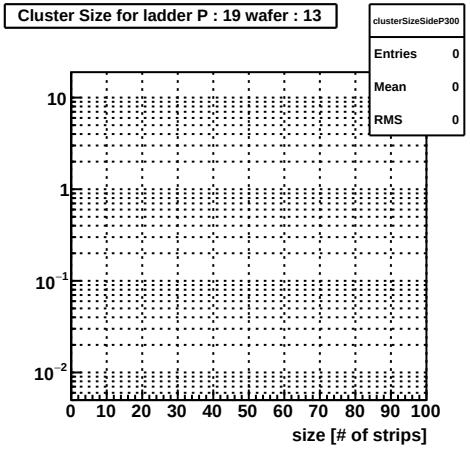

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

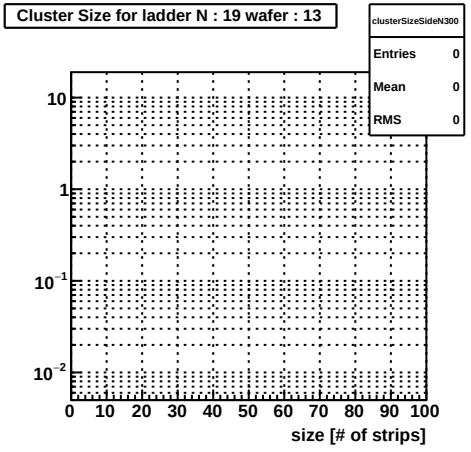

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

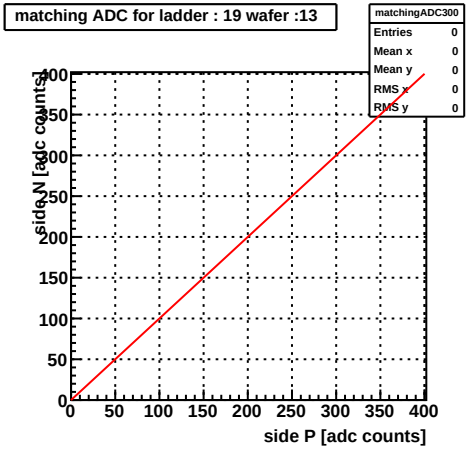

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

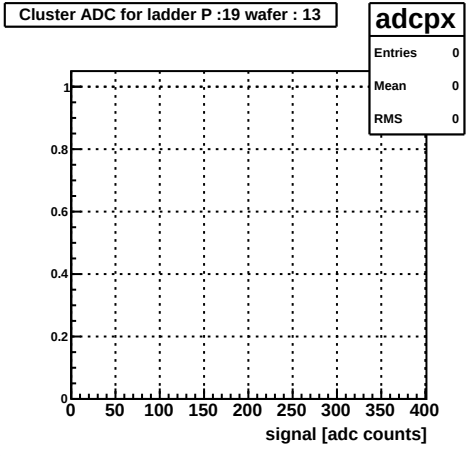

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

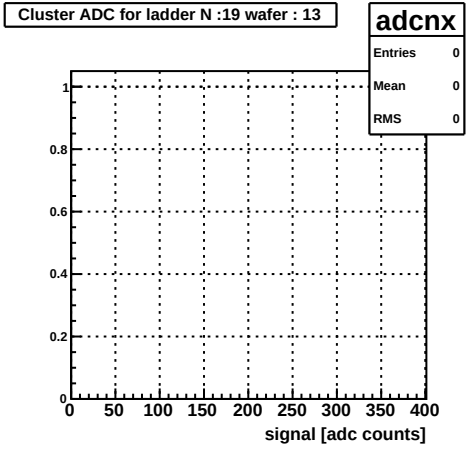

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

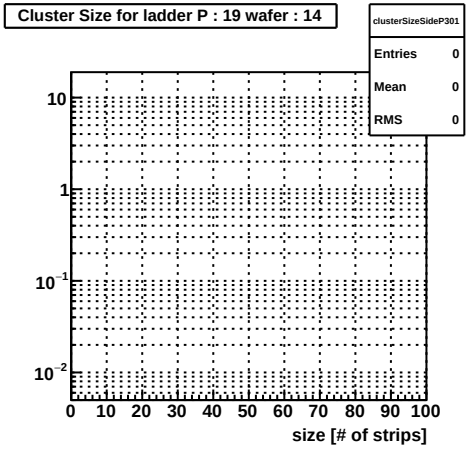

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

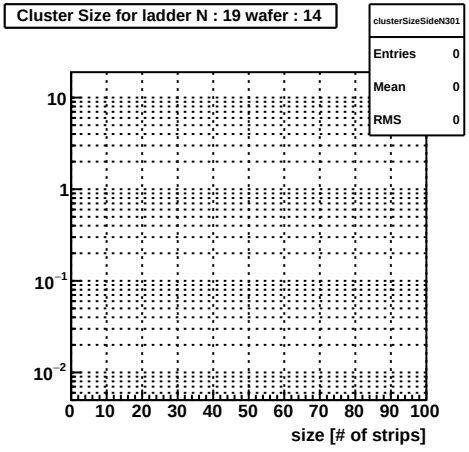

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

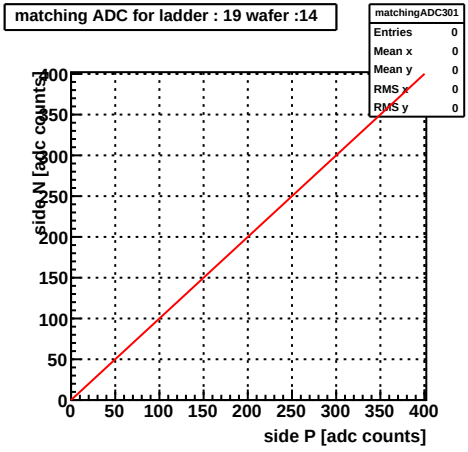

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

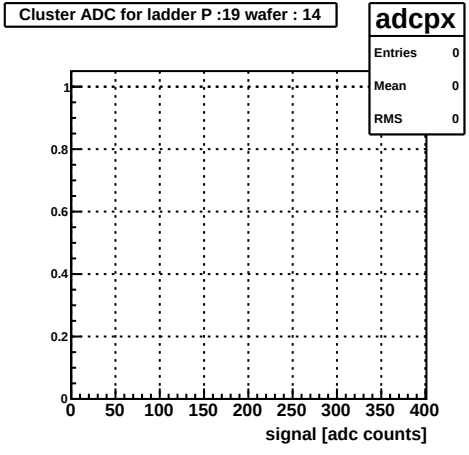

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

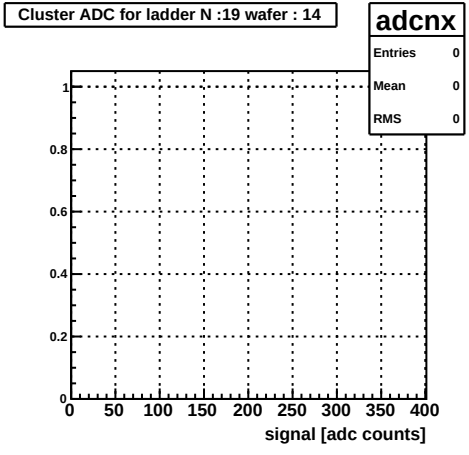

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

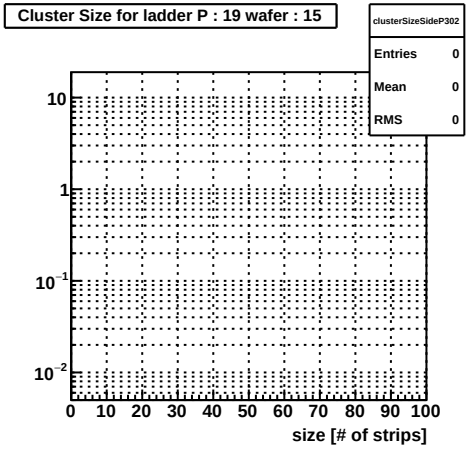

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

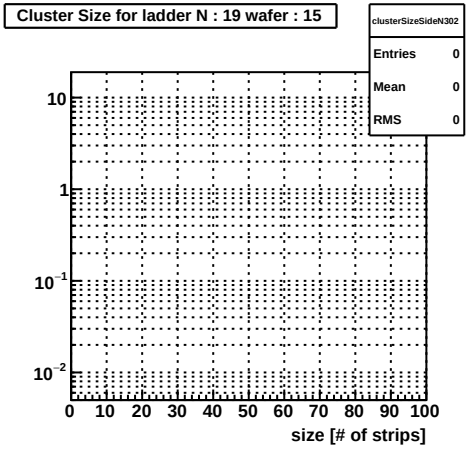

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

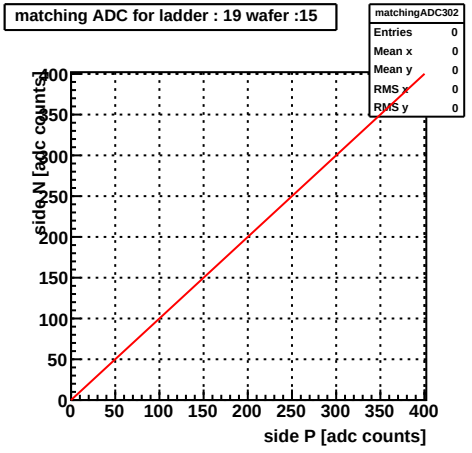

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

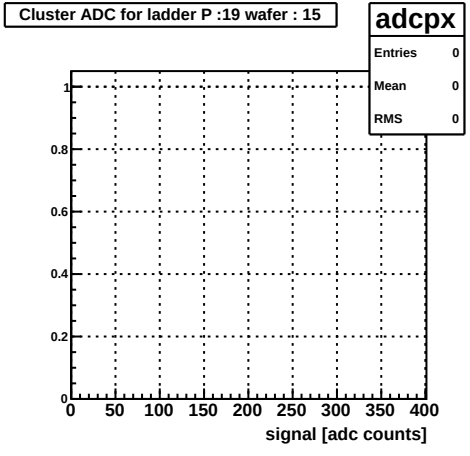

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

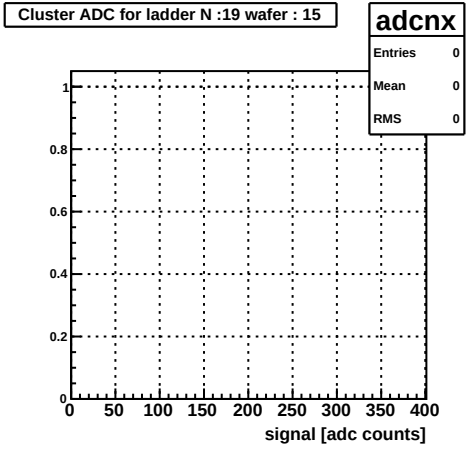

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

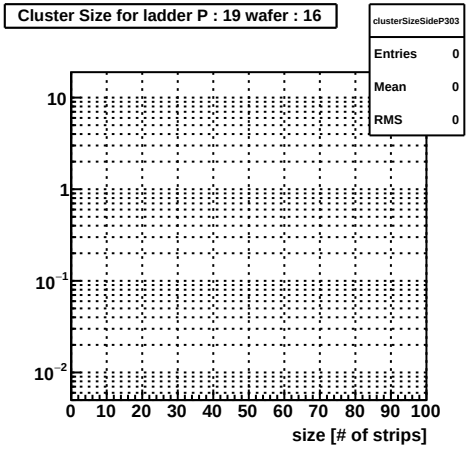

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

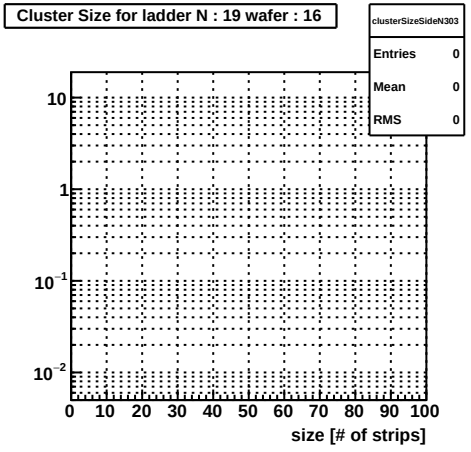

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

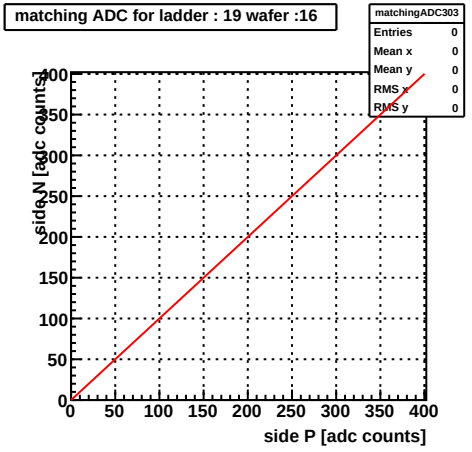

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

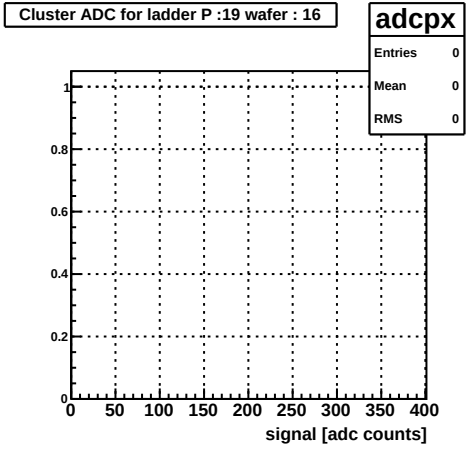

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

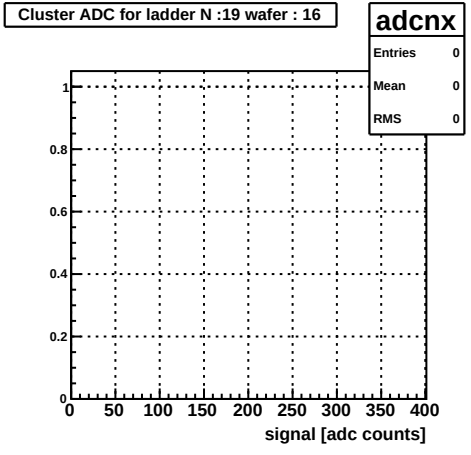

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

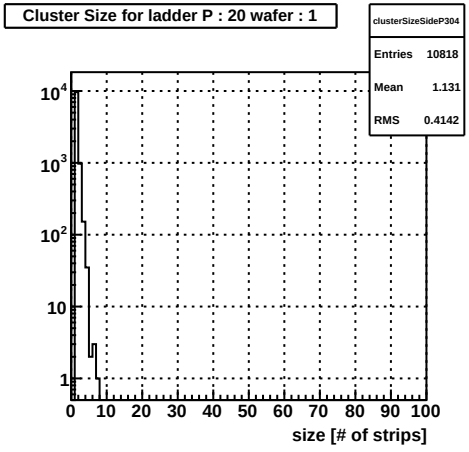

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

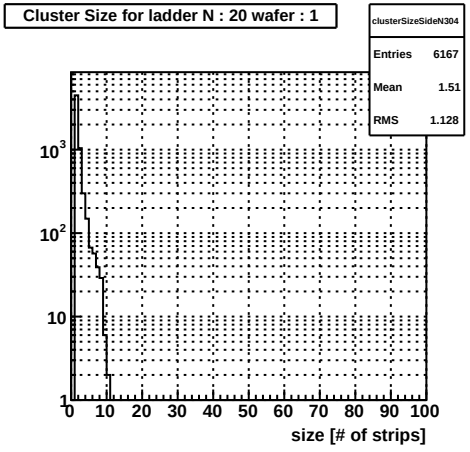

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

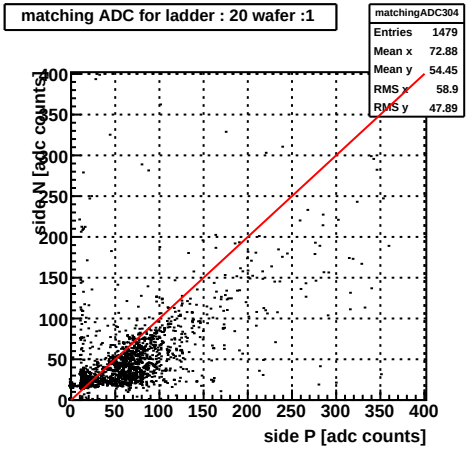

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

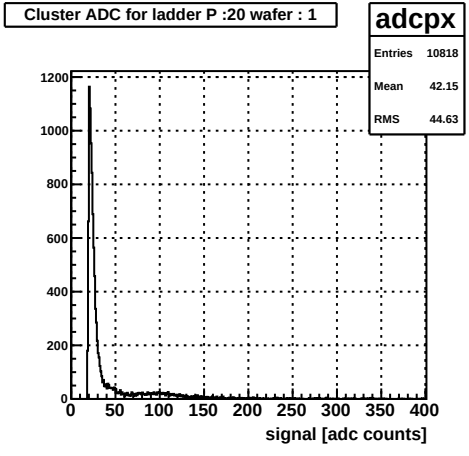

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

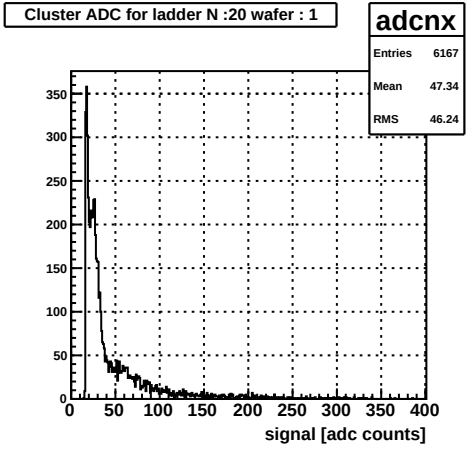

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

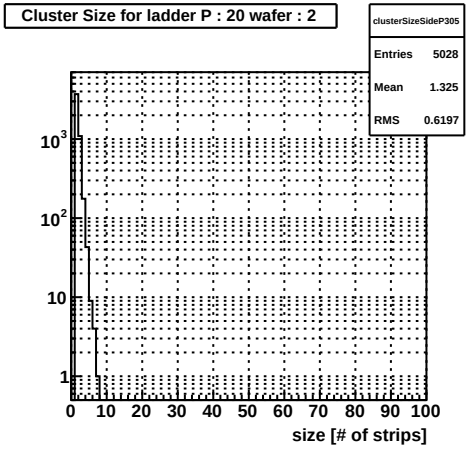

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 10818
Mean 1.131
RMS 0.4142
size [# of strips]

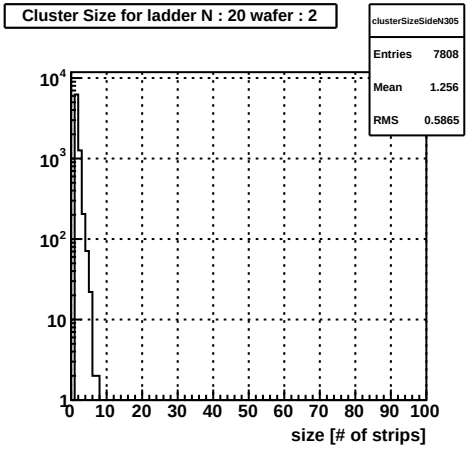

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6167
Mean 1.51
RMS 1.128
size [# of strips]

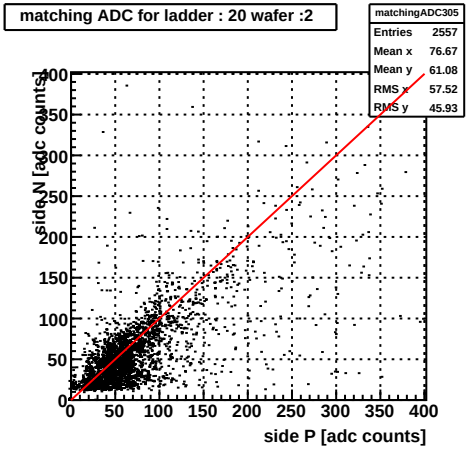

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 1479
Mean x 72.88
Mean y 54.45
RMS x 58.9
RMS y 47.89
side N [adc counts]
side P [adc counts]

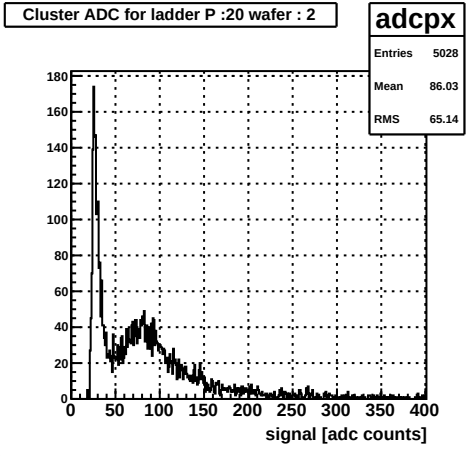

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 10818
Mean 42.15
RMS 44.63
signal [adc counts]

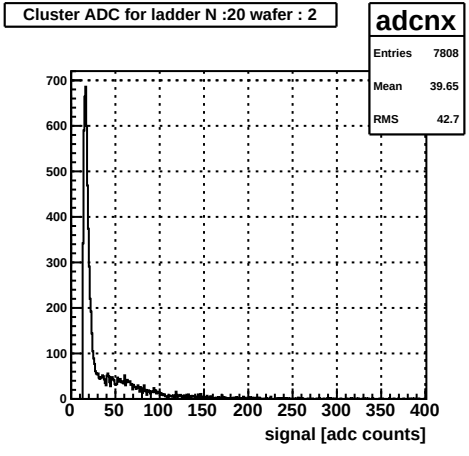

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6167
Mean 47.34
RMS 46.24
signal [adc counts]

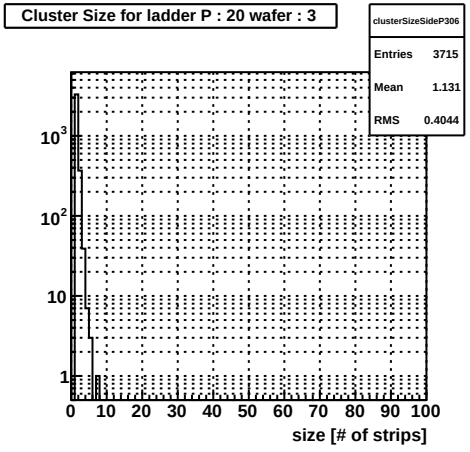

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 5028
Mean 1.325
RMS 0.6197
size [# of strips]

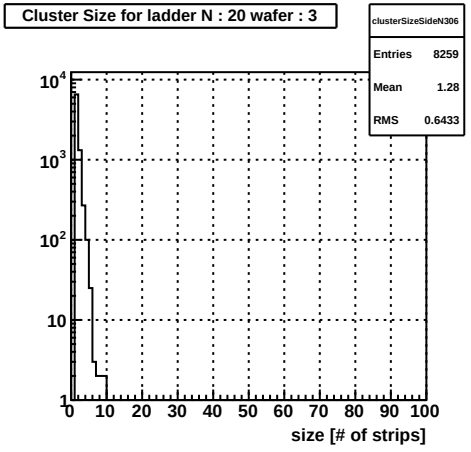

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 7808
Mean 1.256
RMS 0.5865
size [# of strips]

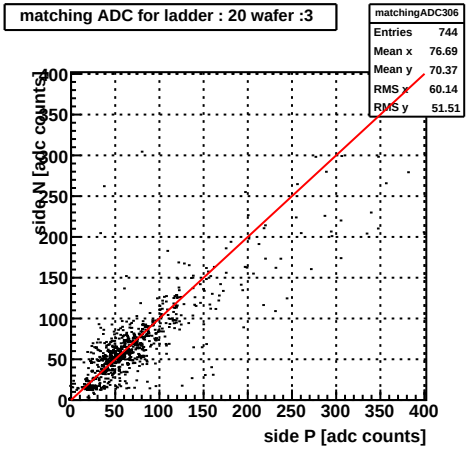

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 2557
Mean x 76.67
Mean y 61.08
RMS x 57.52
RMS y 45.93
side N [adc counts]
side P [adc counts]

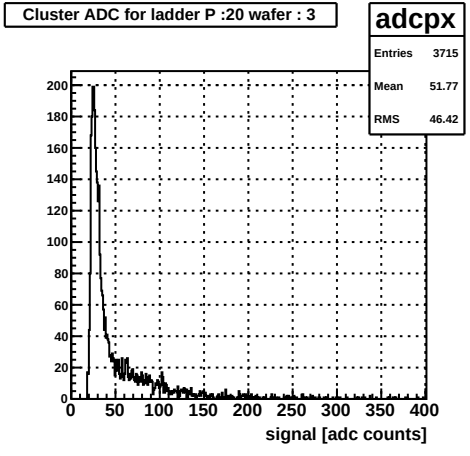

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 5028
Mean 86.03
RMS 65.14
signal [adc counts]

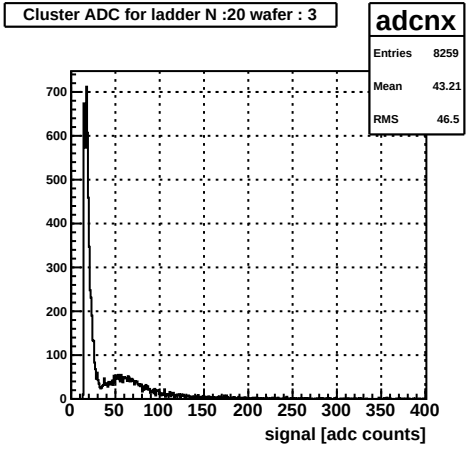

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 7808
Mean 39.65
RMS 42.7
signal [adc counts]

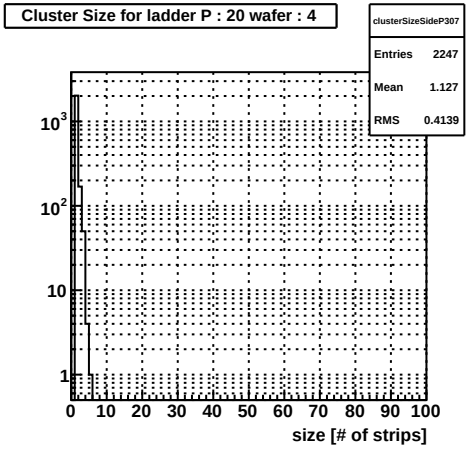

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3715
Mean 1.131
RMS 0.4044
size [# of strips]

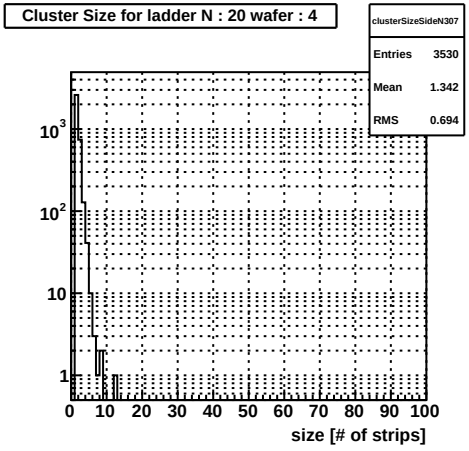

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 8259
Mean 1.28
RMS 0.6433
size [# of strips]

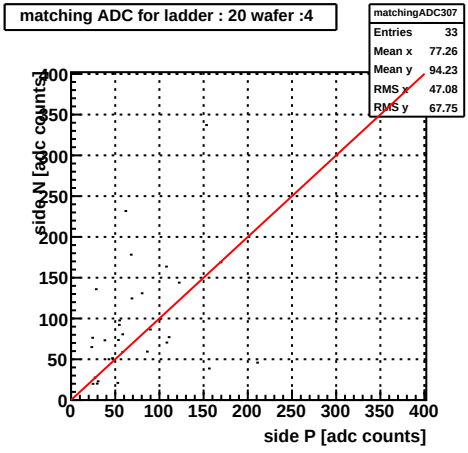

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 744
Mean x 76.69
Mean y 70.37
RMS x 60.14
RMS y 51.51
side N [adc counts]
side P [adc counts]

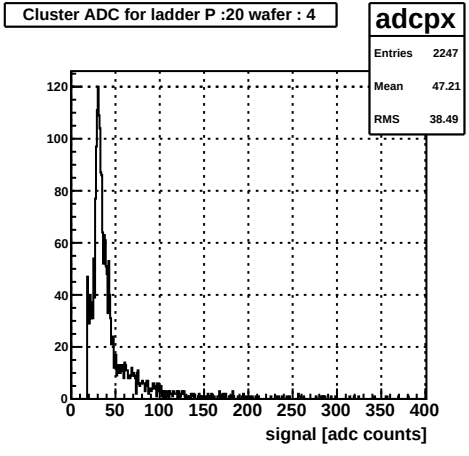

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3715
Mean 51.77
RMS 46.42
signal [adc counts]

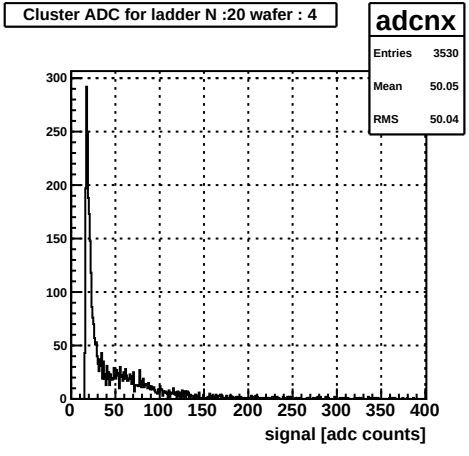

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 8259
Mean 43.21
RMS 46.5
signal [adc counts]

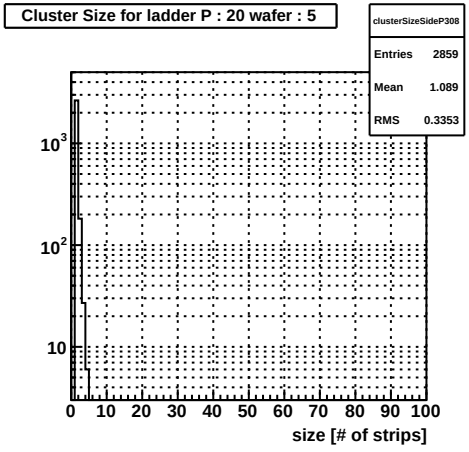

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2247
Mean 1.127
RMS 0.4139
size [# of strips]

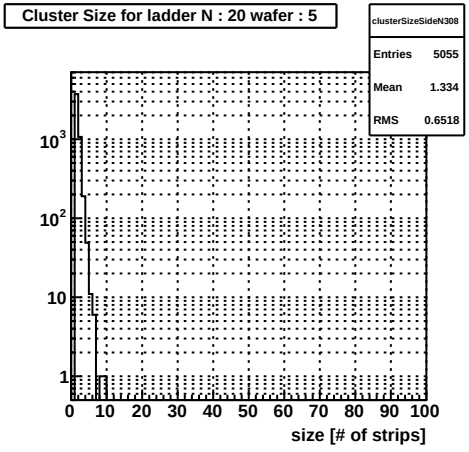

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3530
Mean 1.342
RMS 0.694
size [# of strips]

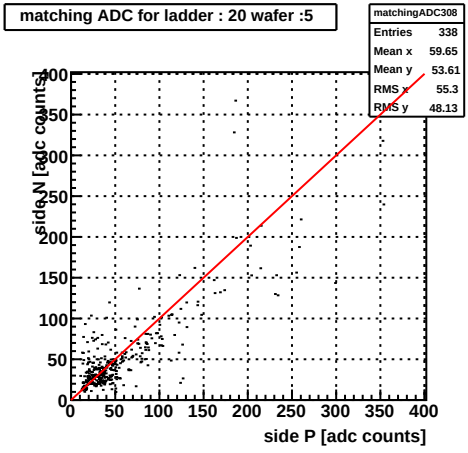

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 33
Mean x 77.26
Mean y 94.23
RMS x 47.08
RMS y 67.75
side N [adc counts]
side P [adc counts]

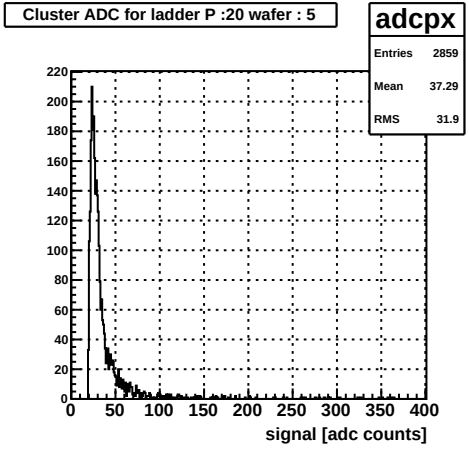

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2247
Mean 47.21
RMS 38.49
signal [adc counts]

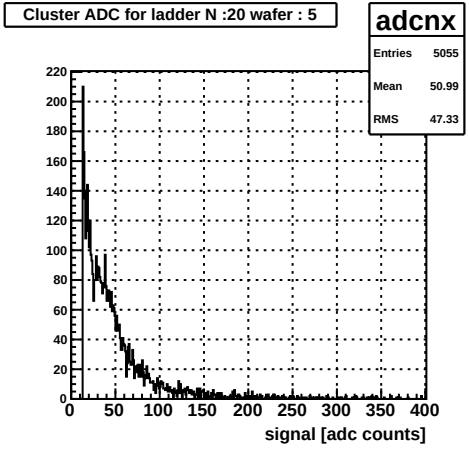

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3530
Mean 50.05
RMS 50.04
signal [adc counts]

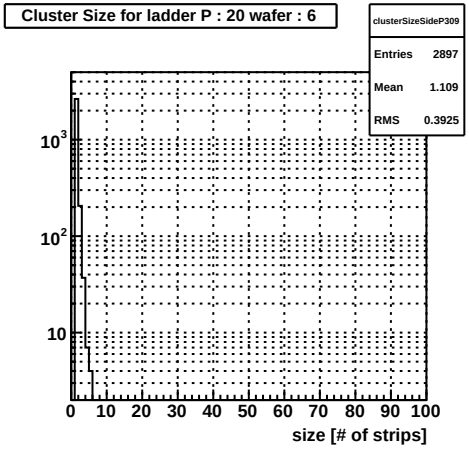

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2859
Mean 1.089
RMS 0.3353
size [# of strips]

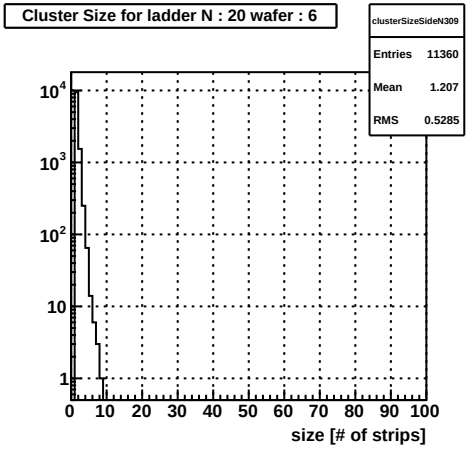

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 5055
Mean 1.334
RMS 0.6518
size [# of strips]

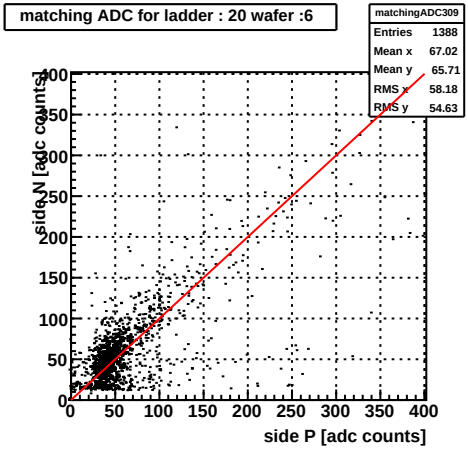

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 338
Mean x 59.65
Mean y 53.61
RMS x 55.3
RMS y 48.13
side N [adc counts]
side P [adc counts]

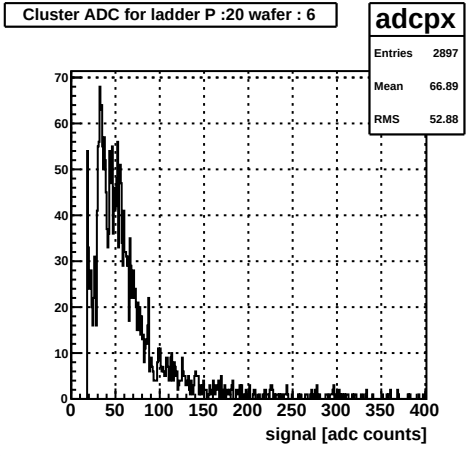

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2859
Mean 37.29
RMS 31.9
signal [adc counts]

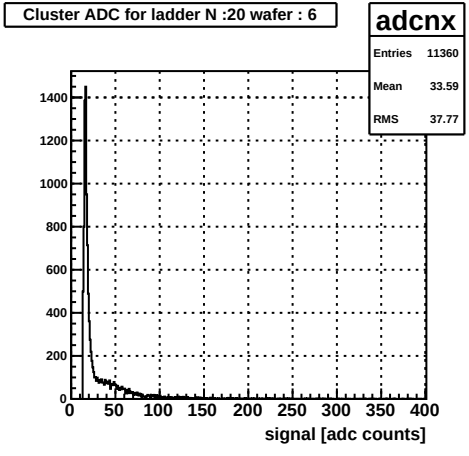

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 5055
Mean 50.99
RMS 47.33
signal [adc counts]

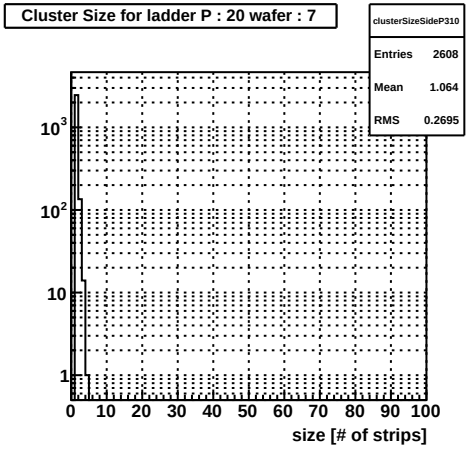

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 2897
Mean 1.109
RMS 0.3925
size [# of strips]

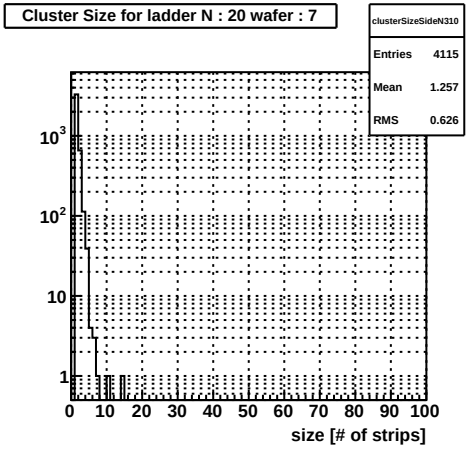

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 11360
Mean 1.207
RMS 0.5285
size [# of strips]

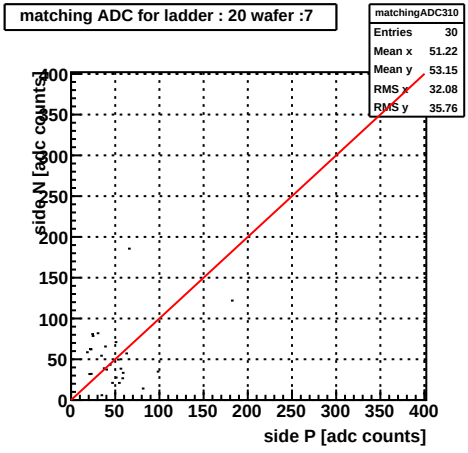

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 1388
Mean x 67.02
Mean y 65.71
RMS x 58.18
RMS y 54.63
side N [adc counts]
side P [adc counts]

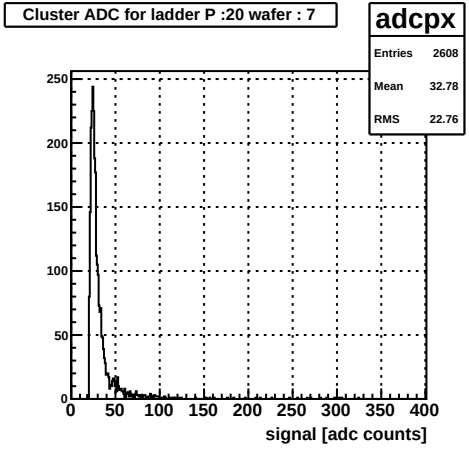

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 2897
Mean 66.89
RMS 52.88
signal [adc counts]

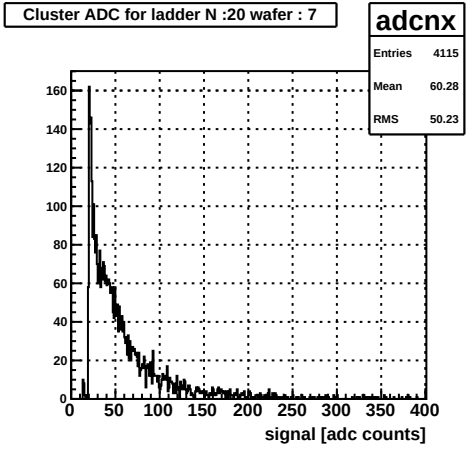

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 11360
Mean 33.59
RMS 37.77
signal [adc counts]

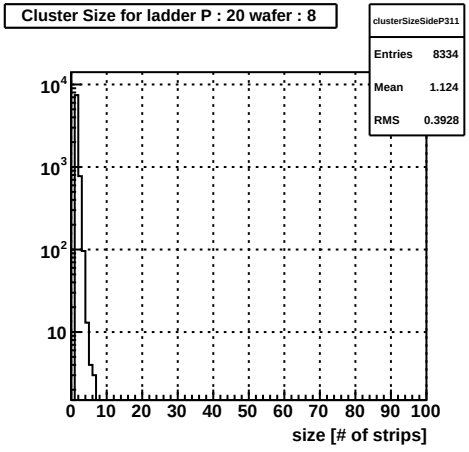

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2608
Mean 1.064
RMS 0.2695
size [# of strips]

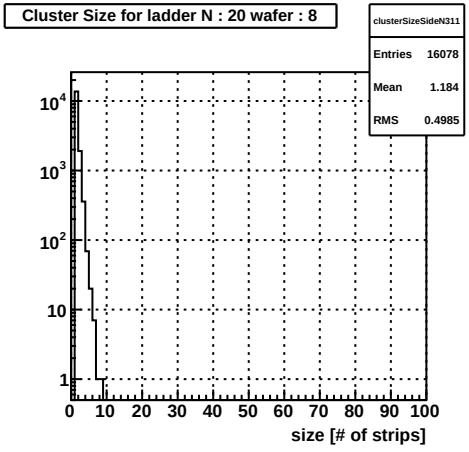

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 4115
Mean 1.257
RMS 0.626
size [# of strips]

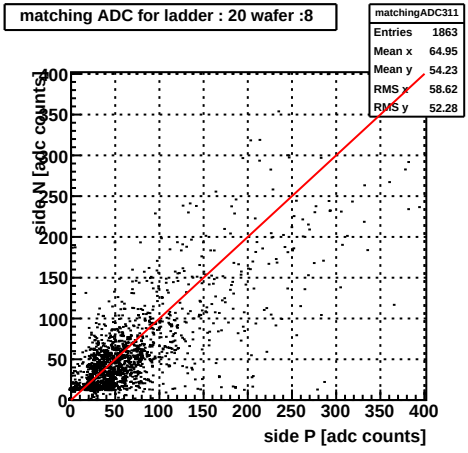

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 30
Mean x 51.22
Mean y 53.15
RMS x 32.08
RMS y 35.76
side N [adc counts]
side P [adc counts]

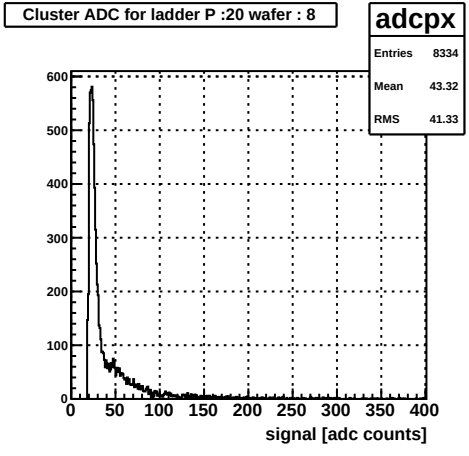

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2608
Mean 32.78
RMS 22.76
signal [adc counts]

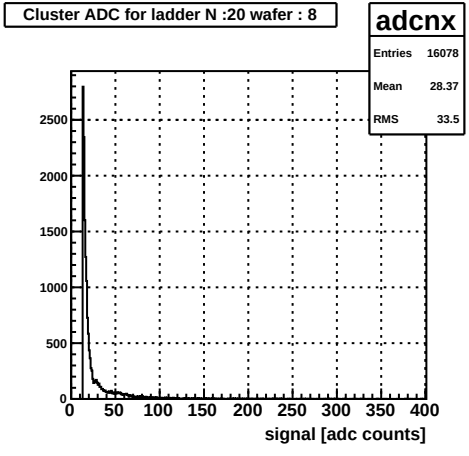

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 4115
Mean 60.28
RMS 50.23
signal [adc counts]

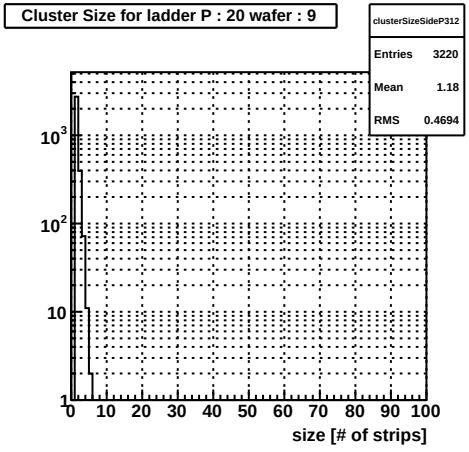

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8334
Mean 1.124
RMS 0.3928
size [# of strips]

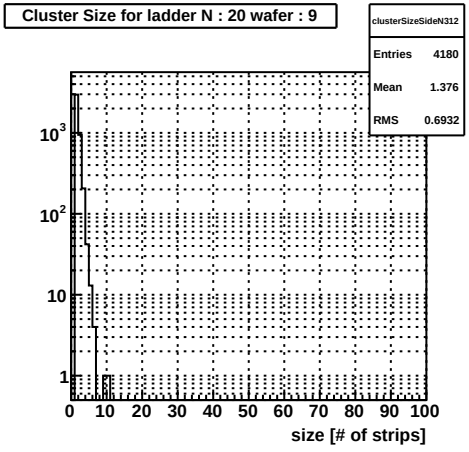

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 16078
Mean 1.184
RMS 0.4985
size [# of strips]

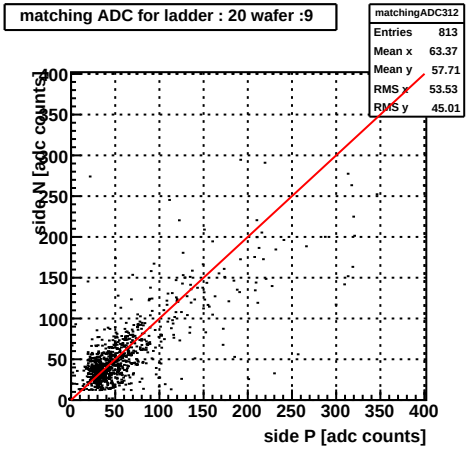

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 1863
Mean x 64.95
Mean y 54.23
RMS x 58.62
RMS y 52.28
side N [adc counts]
side P [adc counts]

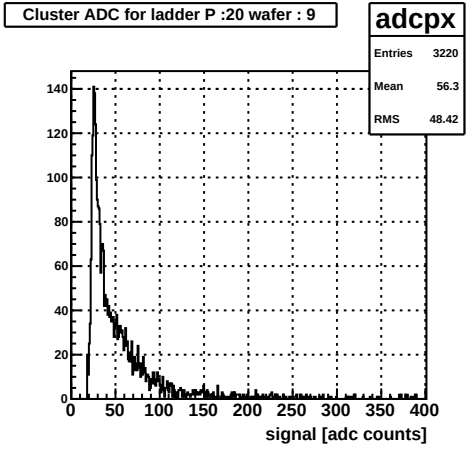

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8334
Mean 43.32
RMS 41.33
signal [adc counts]

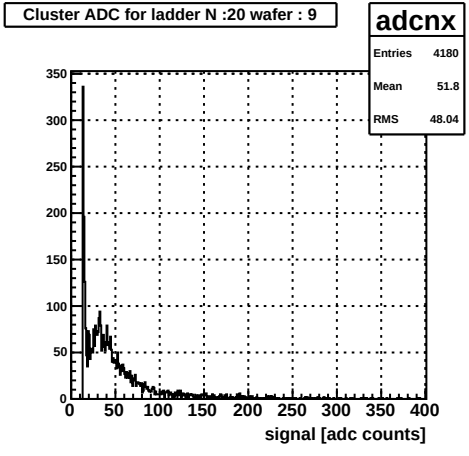

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 16078
Mean 28.37
RMS 33.5
signal [adc counts]

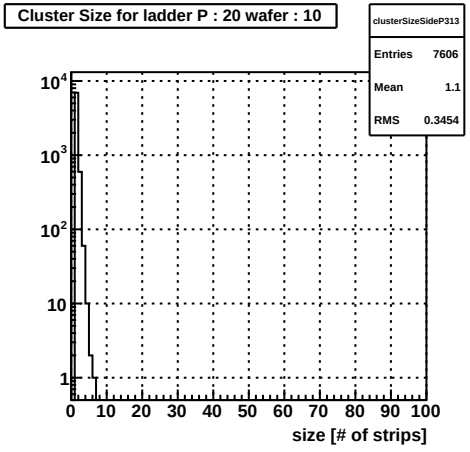

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 3220
Mean 1.18
RMS 0.4694
size [# of strips]

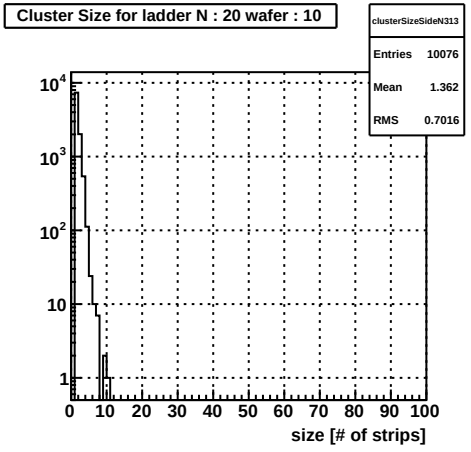

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 4180
Mean 1.376
RMS 0.6932
size [# of strips]

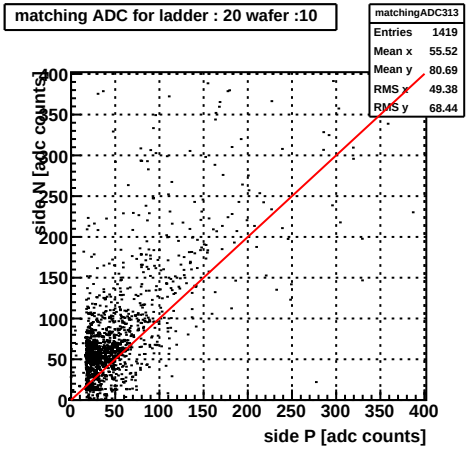

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 813
Mean x 63.37
Mean y 57.71
RMS x 53.53
RMS y 45.01
side N [adc counts]
side P [adc counts]

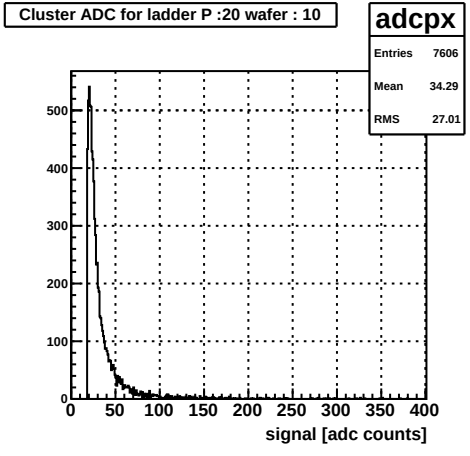

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 3220
Mean 56.3
RMS 48.42
signal [adc counts]

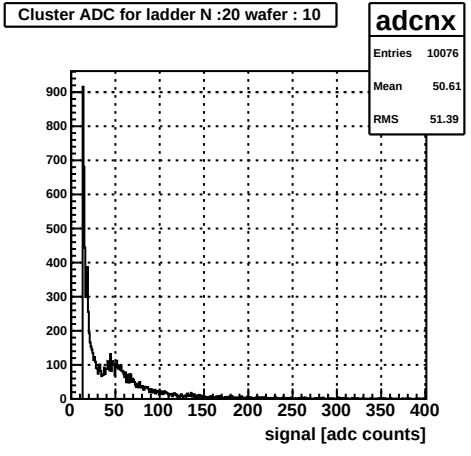

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 4180
Mean 51.8
RMS 48.04
signal [adc counts]

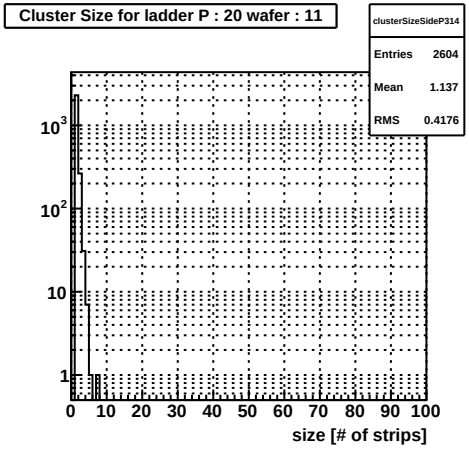

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 7606
Mean 1.1
RMS 0.3454
size [# of strips]

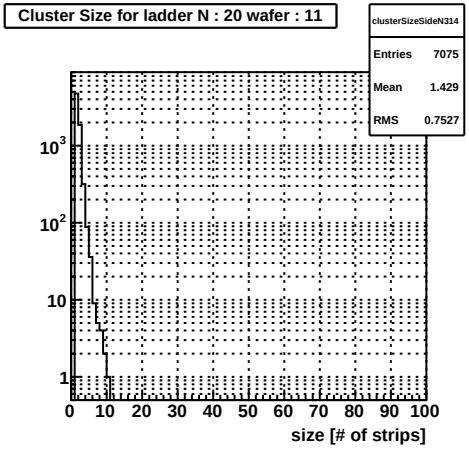

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 10076
Mean 1.362
RMS 0.7016
size [# of strips]

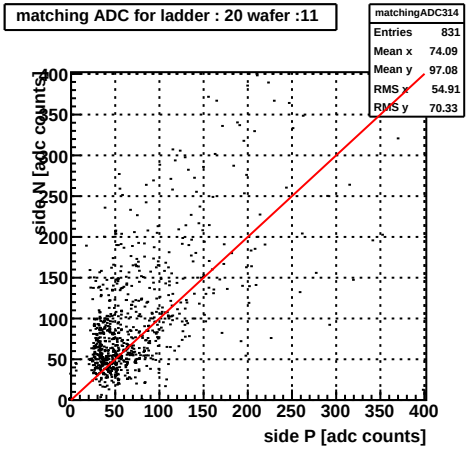

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 1419
Mean x 55.52
Mean y 80.69
RMS x 49.38
RMS y 68.44
side N [adc counts]
side P [adc counts]

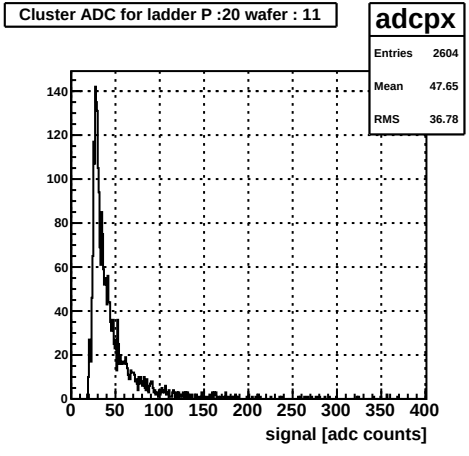

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 7606
Mean 34.29
RMS 27.01
signal [adc counts]

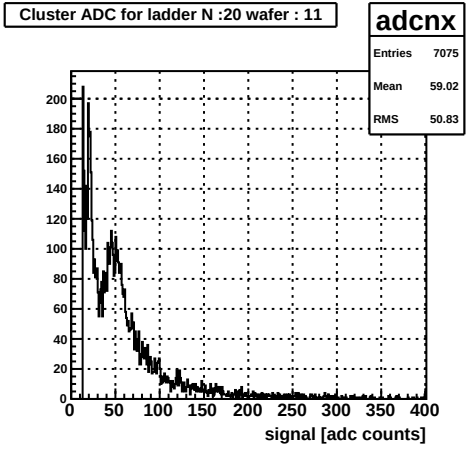

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 10076
Mean 50.61
RMS 51.39
signal [adc counts]

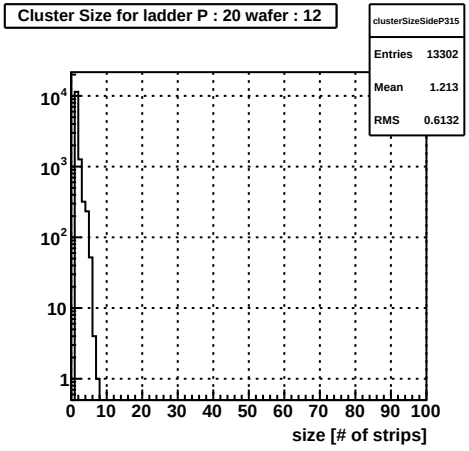

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2604
Mean 1.137
RMS 0.4176
size [# of strips]

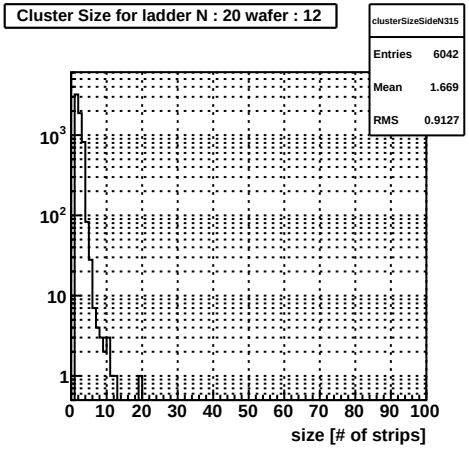

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 7075
Mean 1.429
RMS 0.7527
size [# of strips]

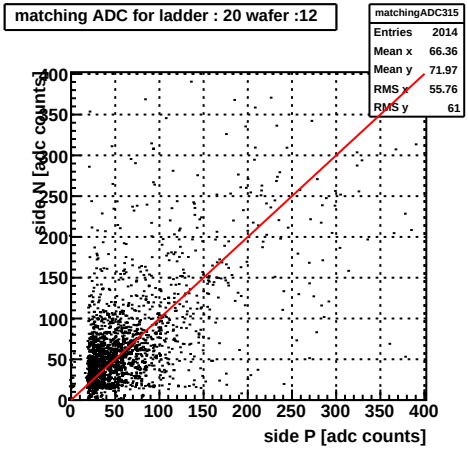

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 831
Mean x 74.09
Mean y 97.08
RMS x 54.91
RMS y 70.33
side N [adc counts]
side P [adc counts]

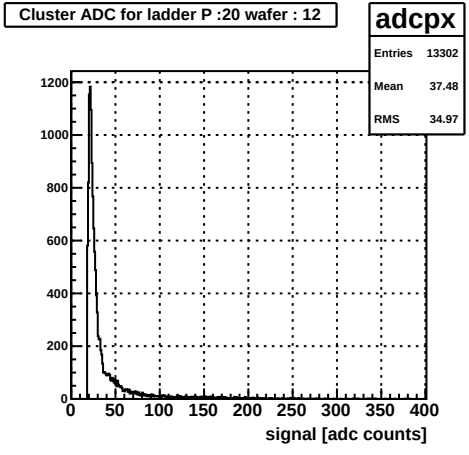

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2604
Mean 47.65
RMS 36.78
signal [adc counts]

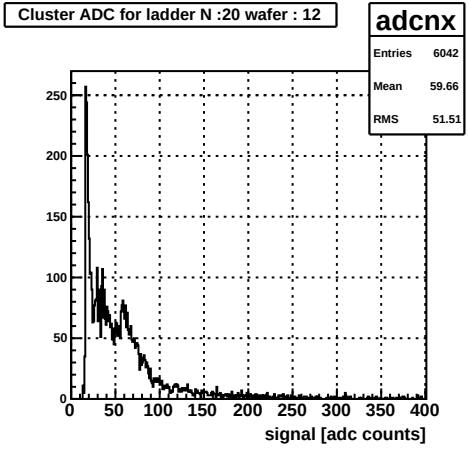

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 7075
Mean 59.02
RMS 50.83
signal [adc counts]

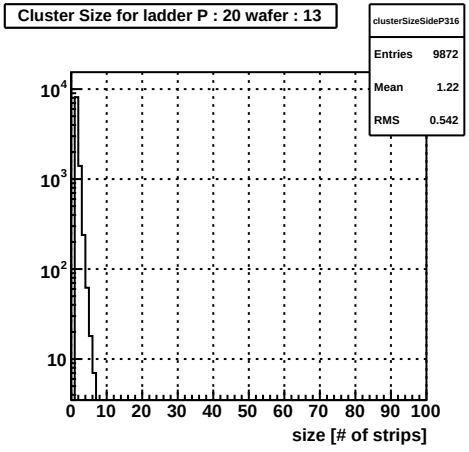

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 13302
Mean 1.213
RMS 0.6132
size [# of strips]

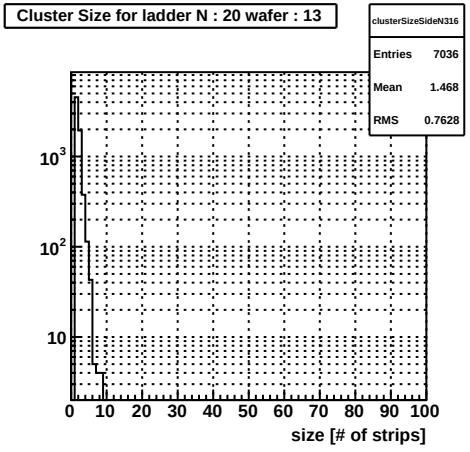

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 6042
Mean 1.669
RMS 0.9127
size [# of strips]

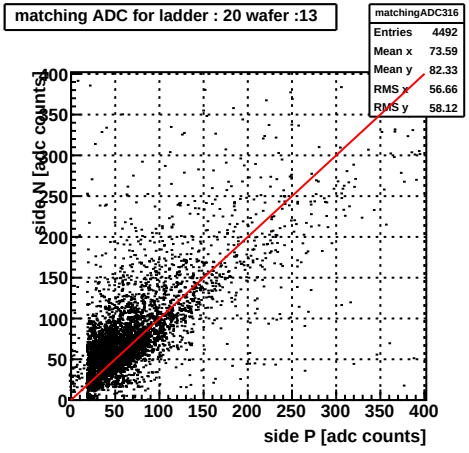

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 2014
Mean x 66.36
Mean y 71.97
RMS x 55.76
RMS y 61
side N [adc counts]
side P [adc counts]

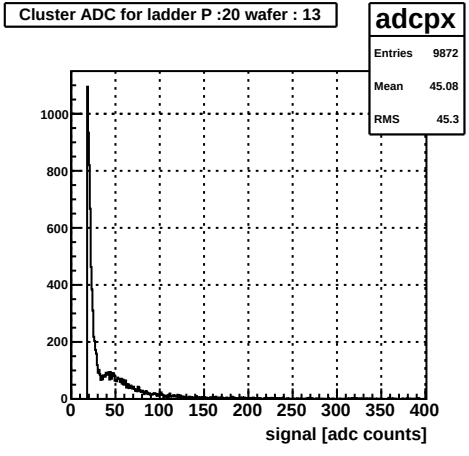

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 13302
Mean 37.48
RMS 34.97
signal [adc counts]

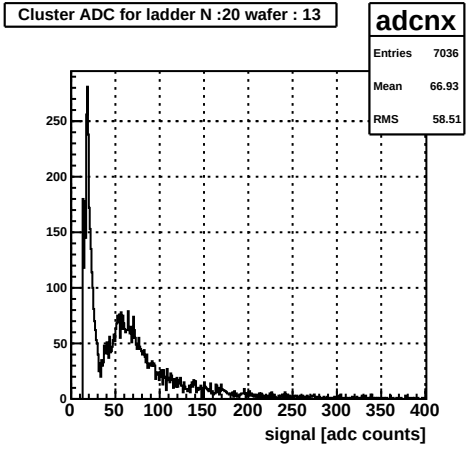

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 6042
Mean 59.66
RMS 51.51
signal [adc counts]

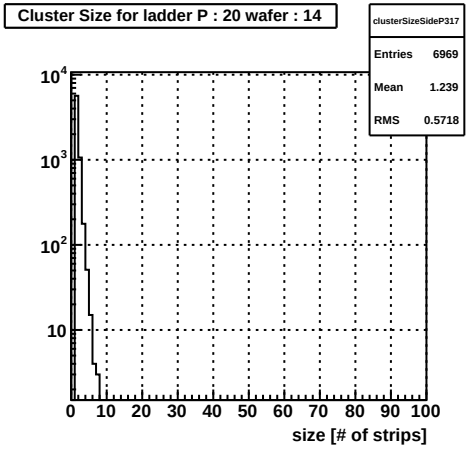

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9872
Mean 1.22
RMS 0.542
size [# of strips]

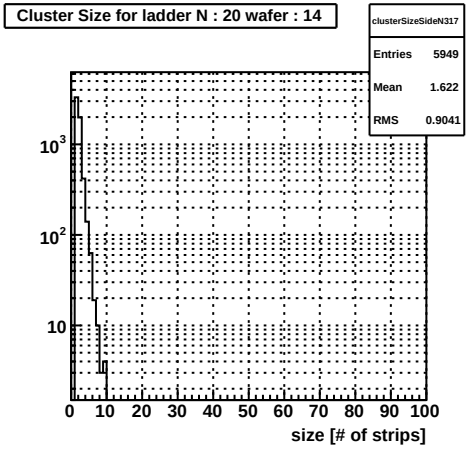

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 7036
Mean 1.468
RMS 0.7628
size [# of strips]

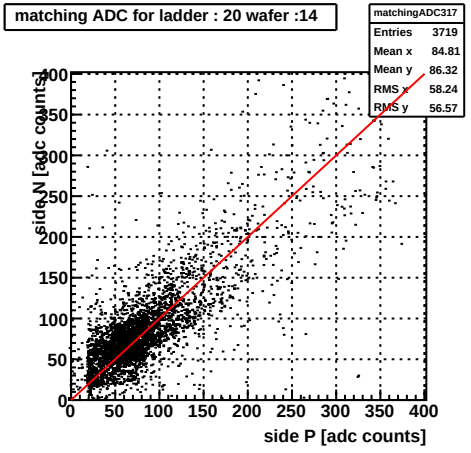

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 4492
Mean x 73.59
Mean y 82.33
RMS x 56.66
RMS y 58.12
side N [adc counts]
side P [adc counts]

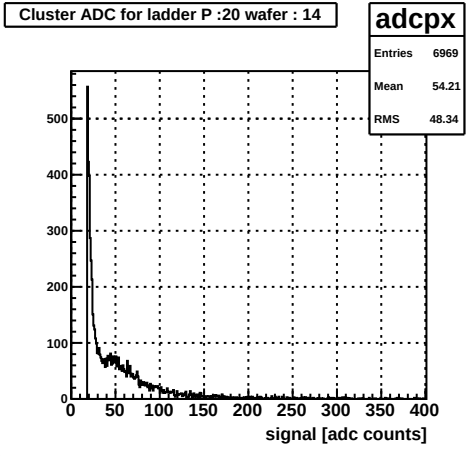

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9872
Mean 45.08
RMS 45.3
signal [adc counts]

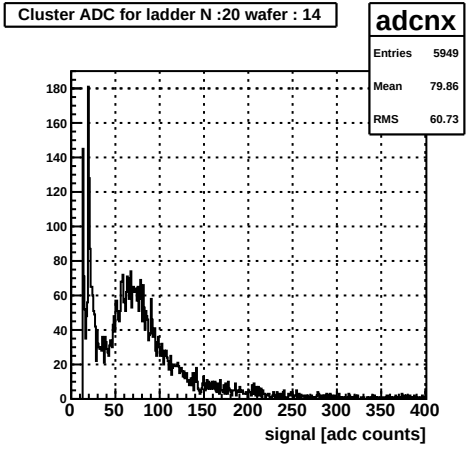

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 7036
Mean 66.93
RMS 58.51
signal [adc counts]

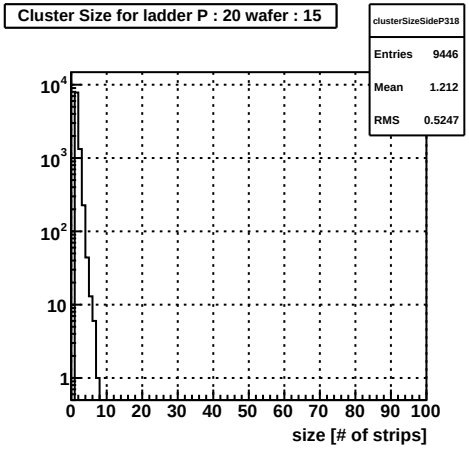

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6969
Mean 1.239
RMS 0.5718
size [# of strips]

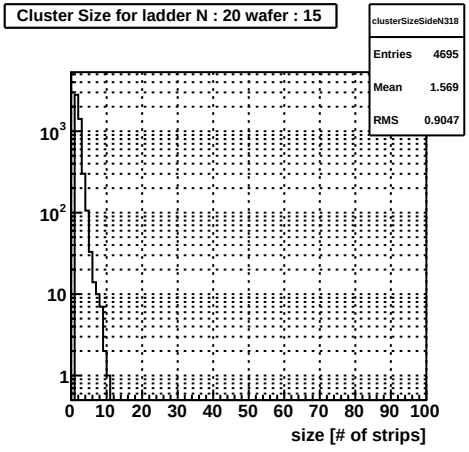

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 5949
Mean 1.622
RMS 0.9041
size [# of strips]

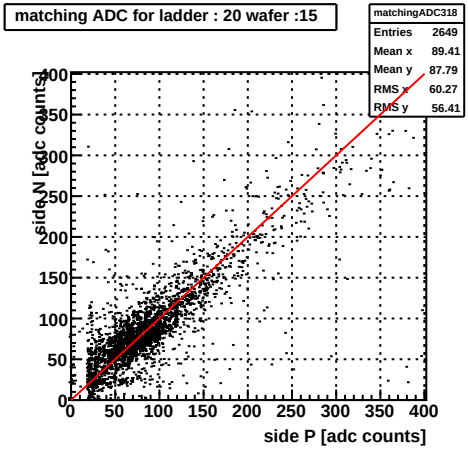

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 3719
Mean x 84.81
Mean y 86.32
RMS x 58.24
RMS y 56.57
side N [adc counts]
side P [adc counts]

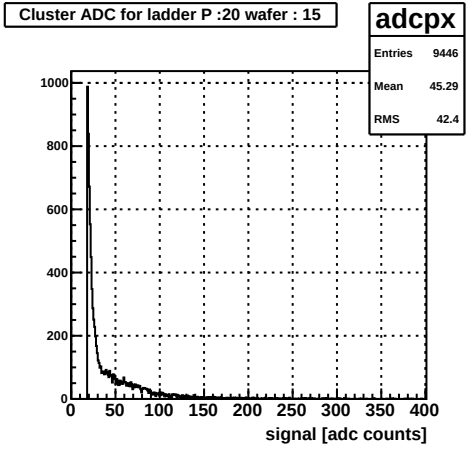

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6969
Mean 54.21
RMS 48.34
signal [adc counts]

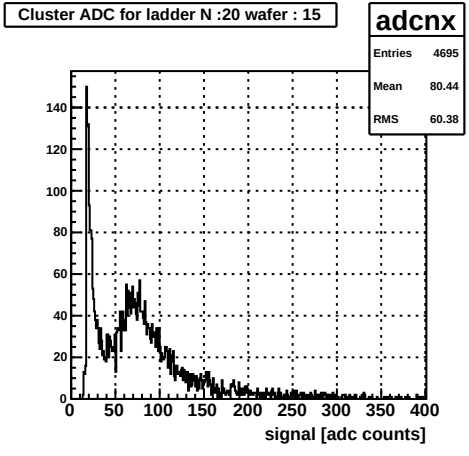

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 5949
Mean 79.86
RMS 60.73
signal [adc counts]

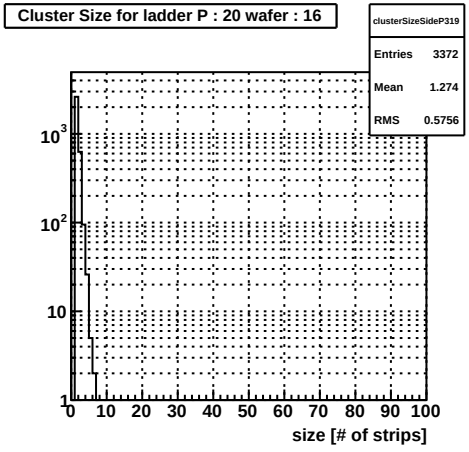

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 9446
Mean 1.212
RMS 0.5247
size [# of strips]

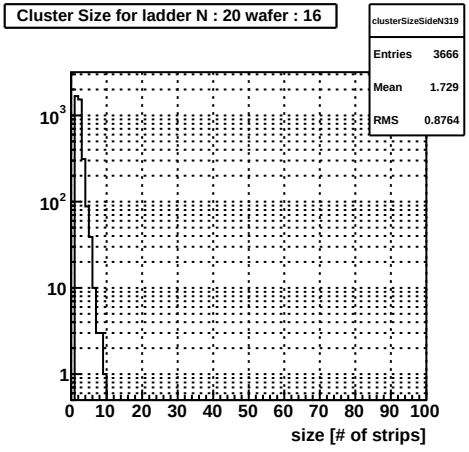

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 4695
Mean 1.569
RMS 0.9047
size [# of strips]

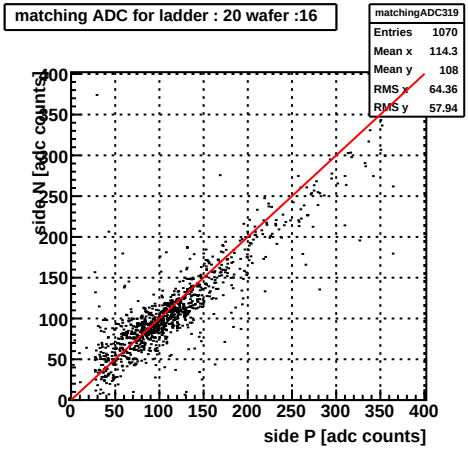

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 2649
Mean x 89.41
Mean y 87.79
RMS x 60.27
RMS y 56.41
side N [adc counts]
side P [adc counts]

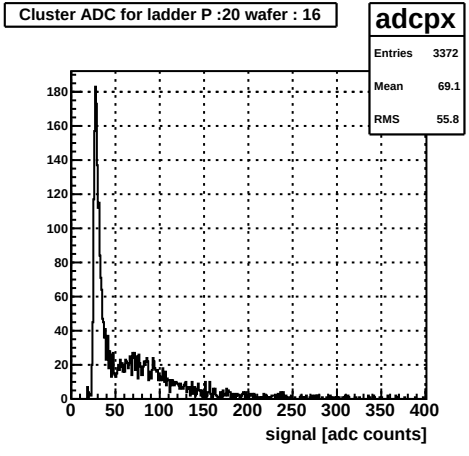

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 9446
Mean 45.29
RMS 42.4
signal [adc counts]

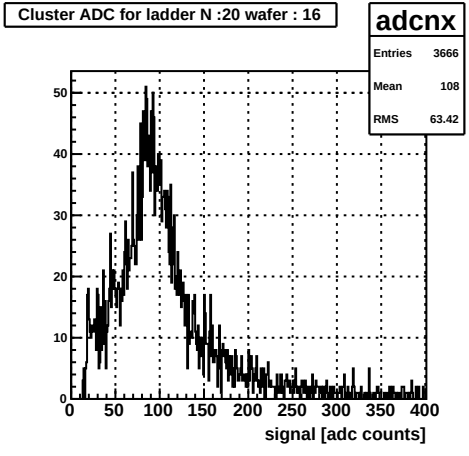

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 4695
Mean 80.44
RMS 60.38
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3372
Mean 1.274
RMS 0.5756
size [# of strips]

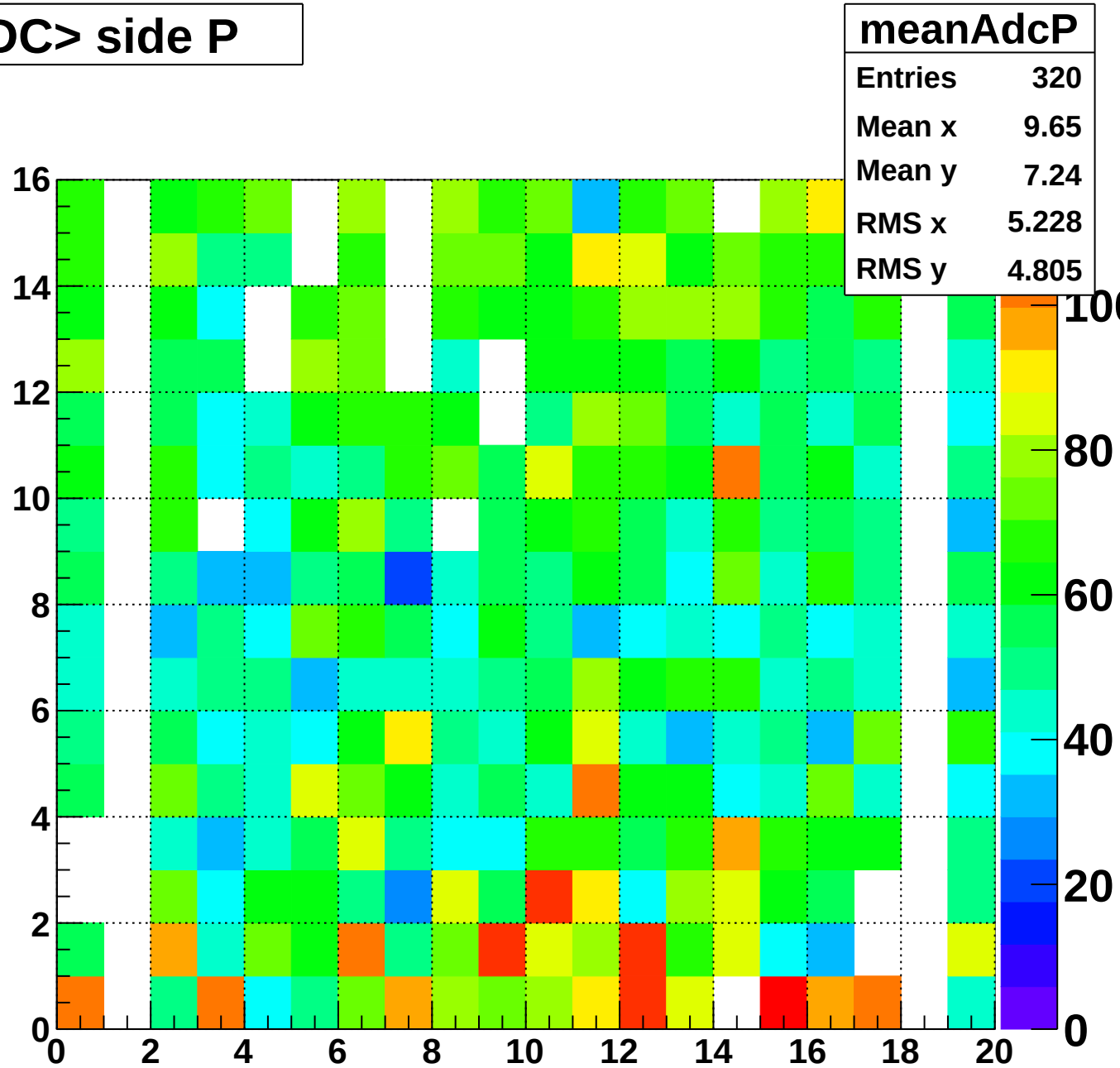

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 3666
Mean 1.729
RMS 0.8764
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 1070
Mean x 114.3
Mean y 108
RMS x 64.36
RMS y 57.94
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3372
Mean 69.1
RMS 55.8
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 3666
Mean 108
RMS 63.42
signal [adc counts]

<ADC> side P



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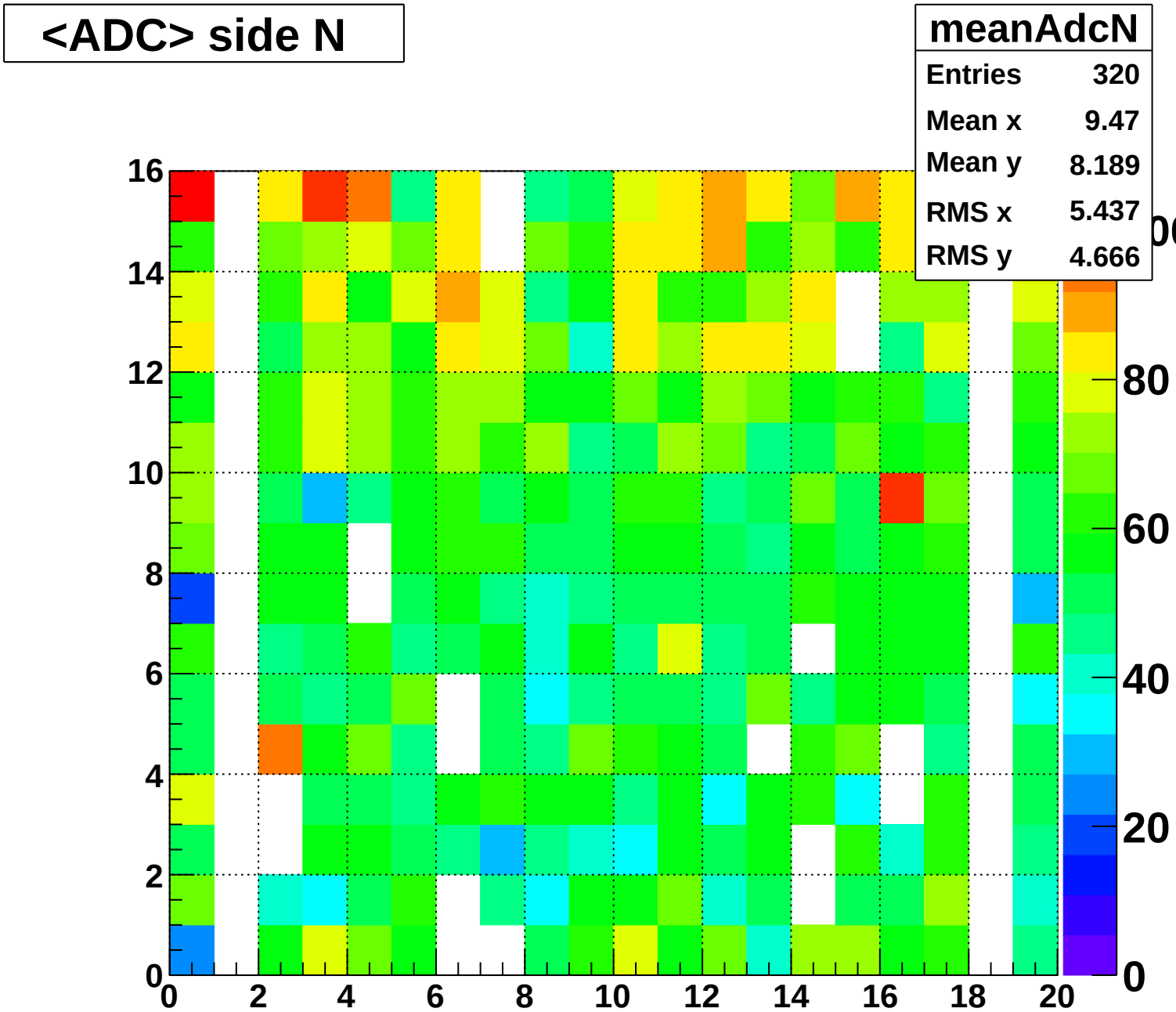

2016-06-24 02:50:18