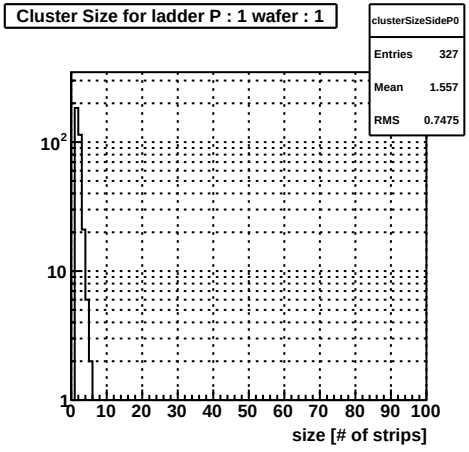
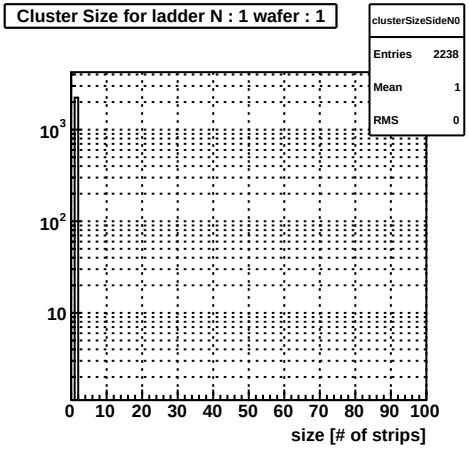
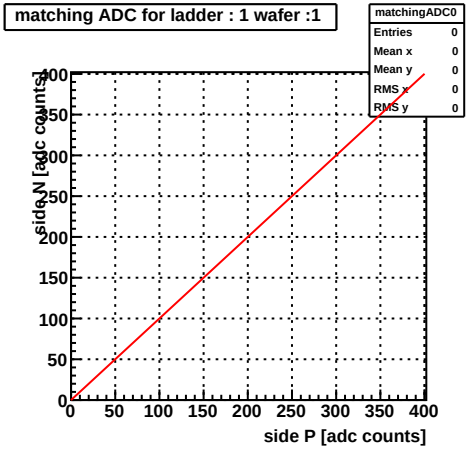
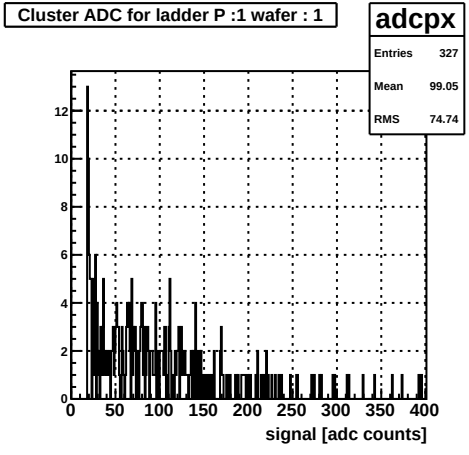
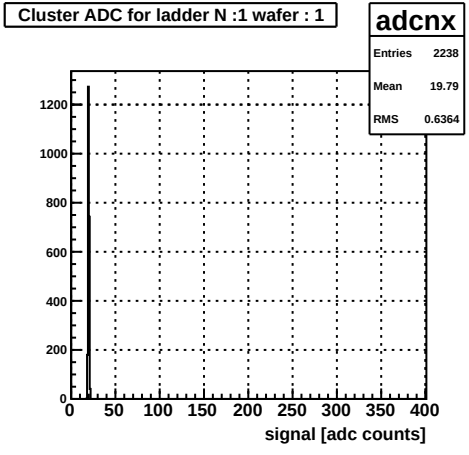
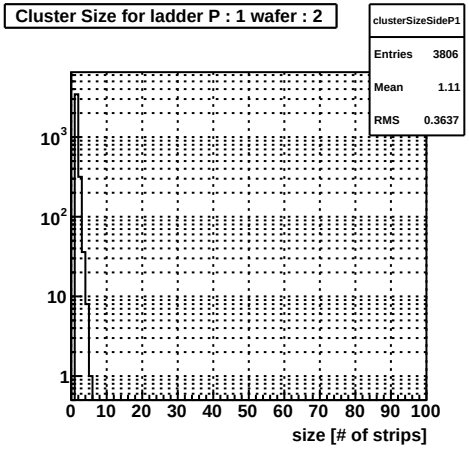

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 327
Mean 1.557
RMS 0.7475
size [# of strips]

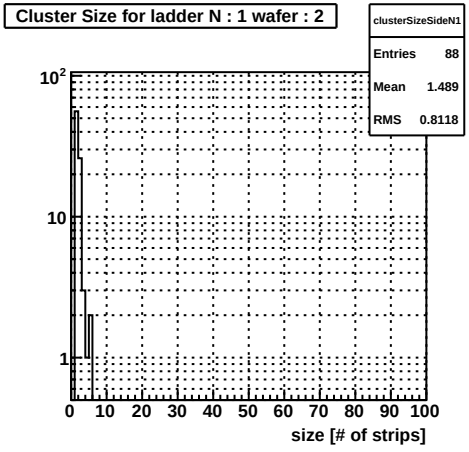

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2238
Mean 1
RMS 0
size [# of strips]

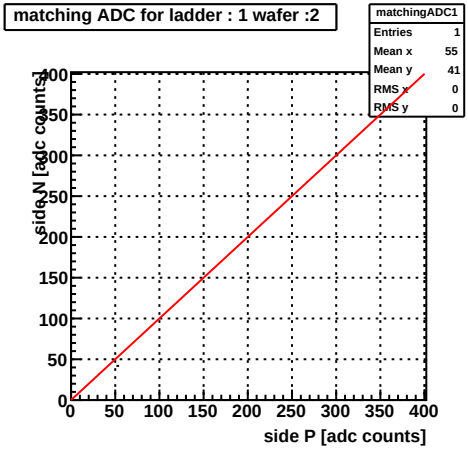

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

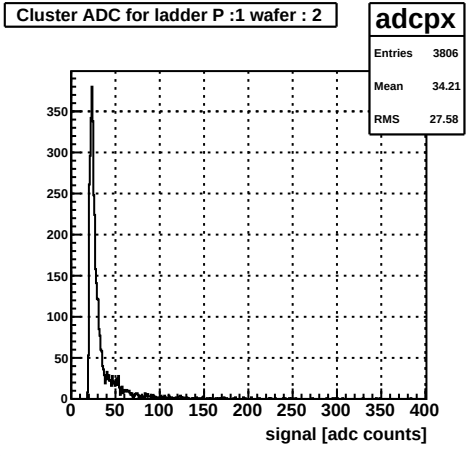

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 327
Mean 99.05
RMS 74.74
signal [adc counts]

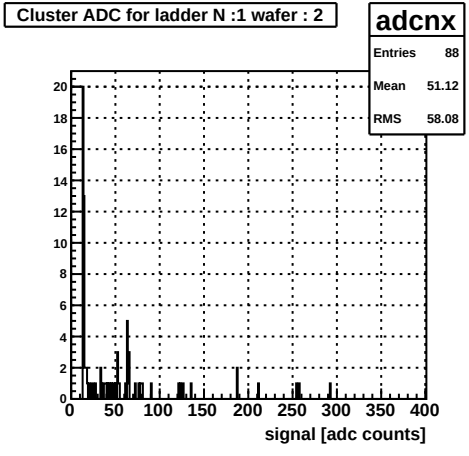

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2238
Mean 19.79
RMS 0.6364
signal [adc counts]

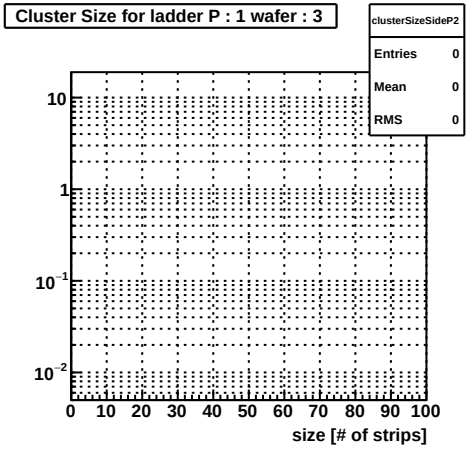

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3806
Mean 1.11
RMS 0.3637
size [# of strips]

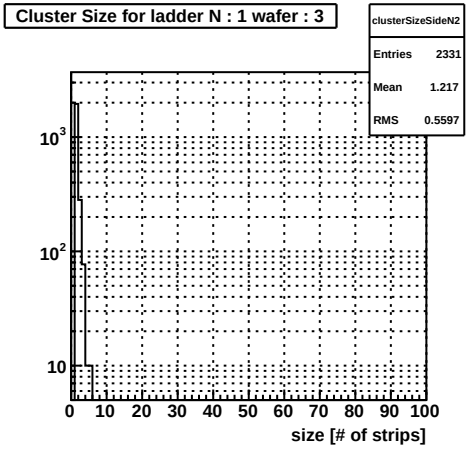

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 88
Mean 1.489
RMS 0.8118
size [# of strips]

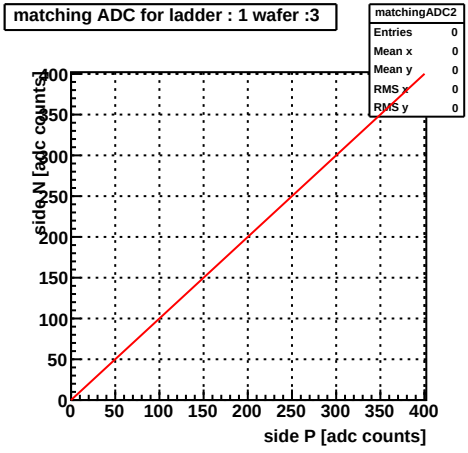

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 1
Mean x 55
Mean y 41
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

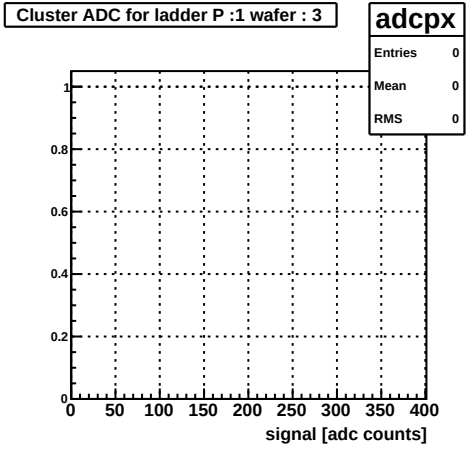

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3806
Mean 34.21
RMS 27.58
signal [adc counts]

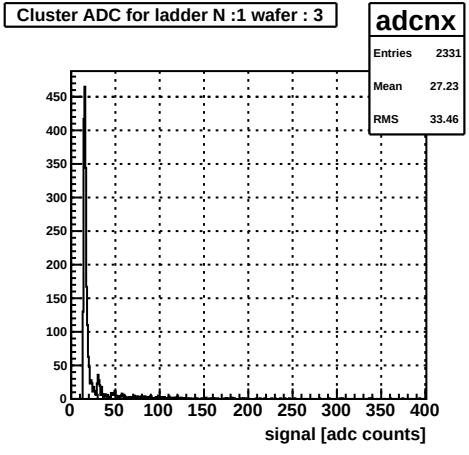

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 88
Mean 51.12
RMS 58.08
signal [adc counts]

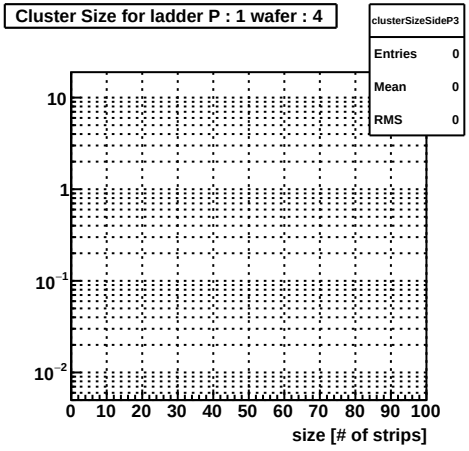

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

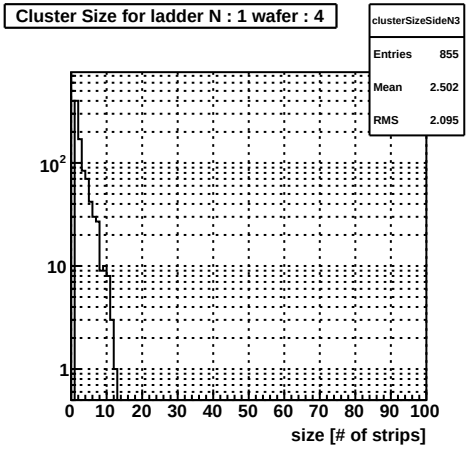

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2331
Mean 1.217
RMS 0.5597
size [# of strips]

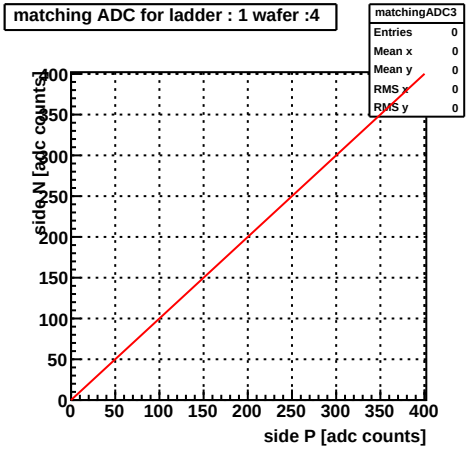

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

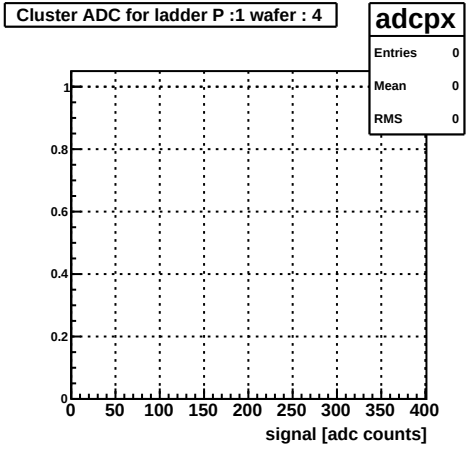

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

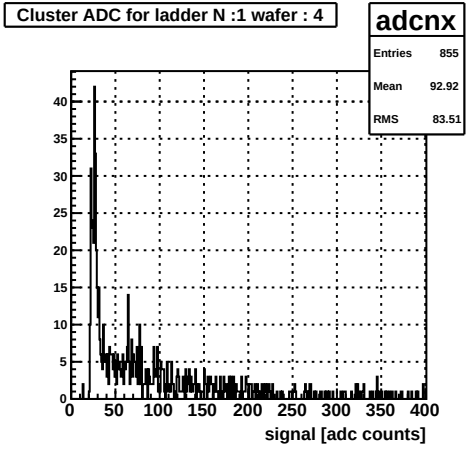

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2331
Mean 27.23
RMS 33.46
signal [adc counts]

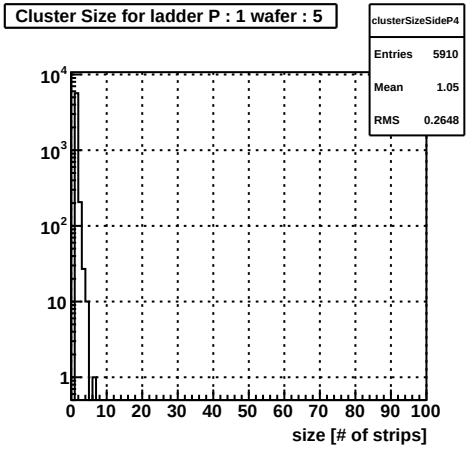

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

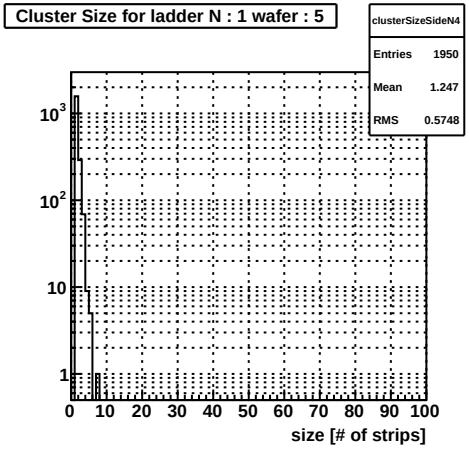

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 855
Mean 2.502
RMS 2.095
size [# of strips]

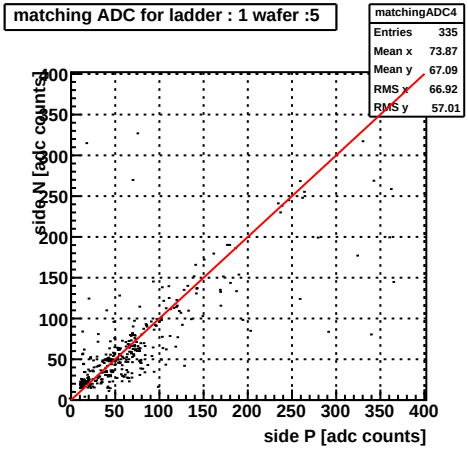

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

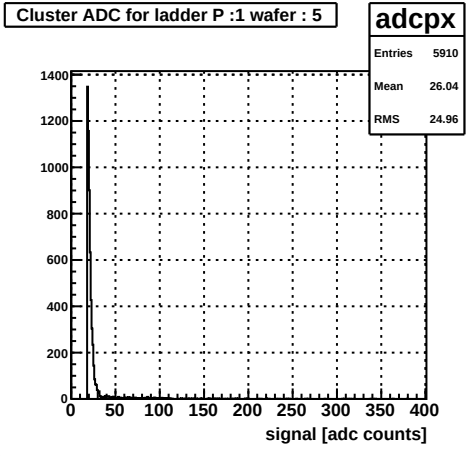

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

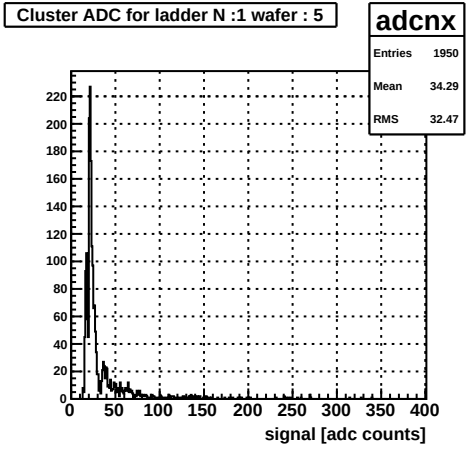

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 855
Mean 92.92
RMS 83.51
signal [adc counts]

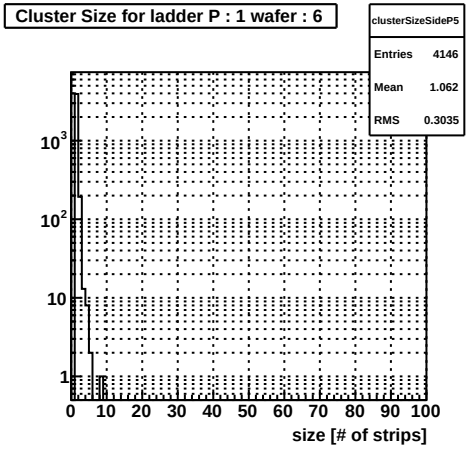

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 5910
Mean 1.05
RMS 0.2648
size [# of strips]

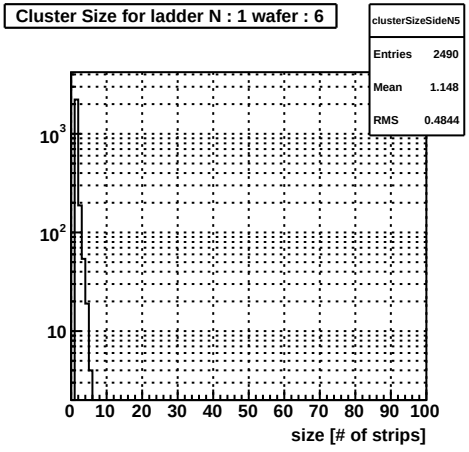

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 1950
Mean 1.247
RMS 0.5748
size [# of strips]

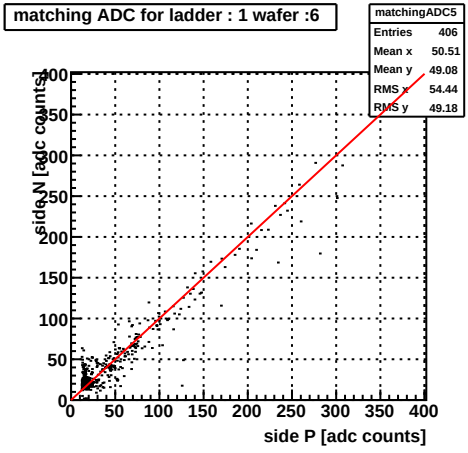

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 335
Mean x 73.87
Mean y 67.09
RMS x 66.92
RMS y 57.01
side N [adc counts]
side P [adc counts]

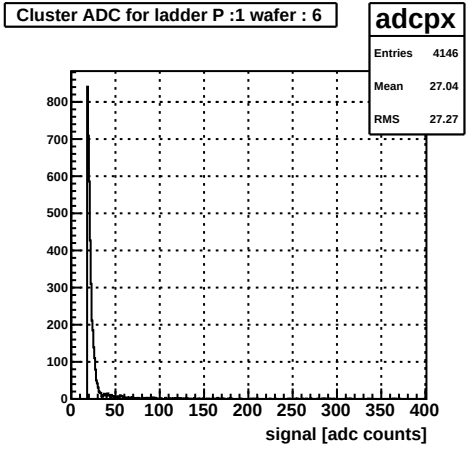

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 5910
Mean 26.04
RMS 24.96
signal [adc counts]

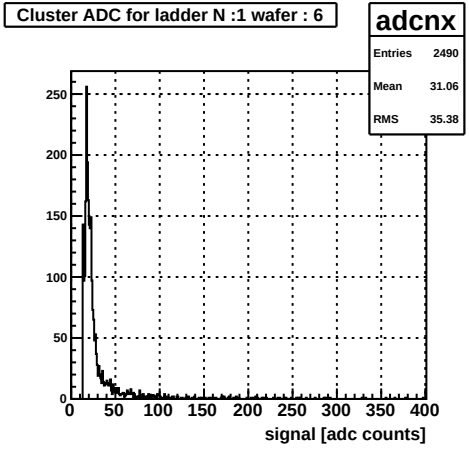

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 1950
Mean 34.29
RMS 32.47
signal [adc counts]

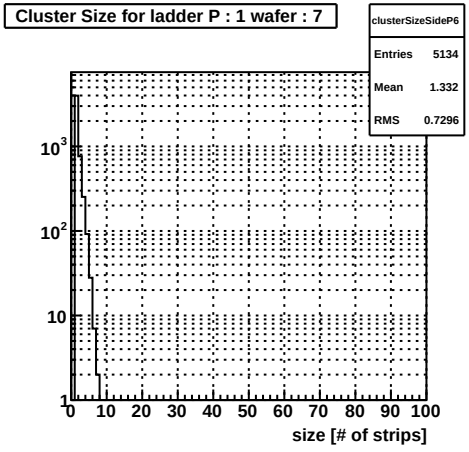

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 4146
Mean 1.062
RMS 0.3035
size [# of strips]

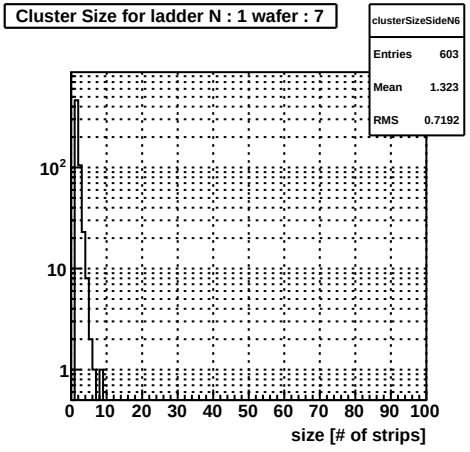

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2490
Mean 1.148
RMS 0.4844
size [# of strips]

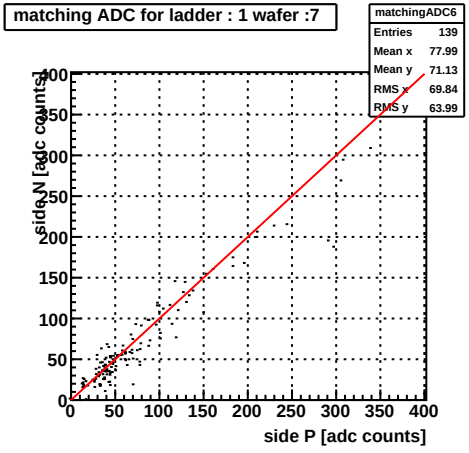

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 406
Mean x 50.51
Mean y 49.08
RMS x 54.44
RMS y 49.18
side N [adc counts]
side P [adc counts]

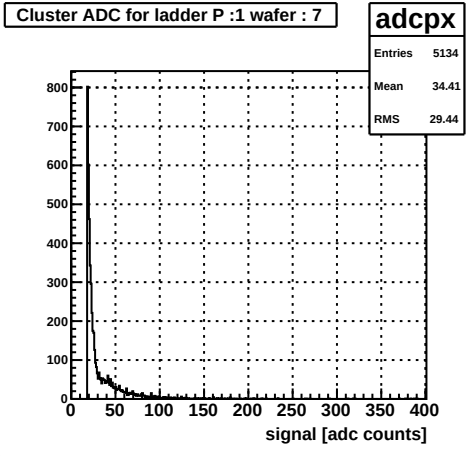

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 4146
Mean 27.04
RMS 27.27
signal [adc counts]

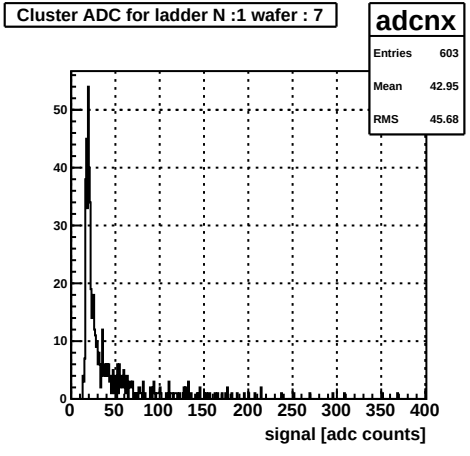

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2490
Mean 31.06
RMS 35.38
signal [adc counts]

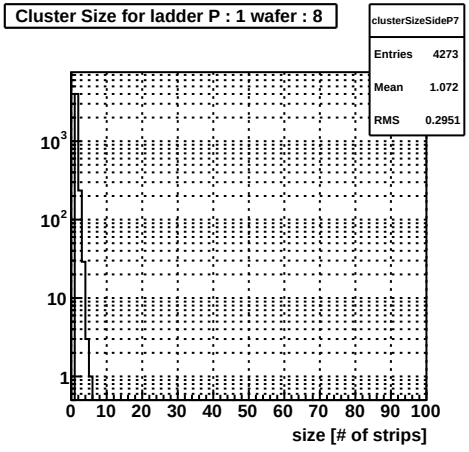

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 5134
Mean 1.332
RMS 0.7296
size [# of strips]

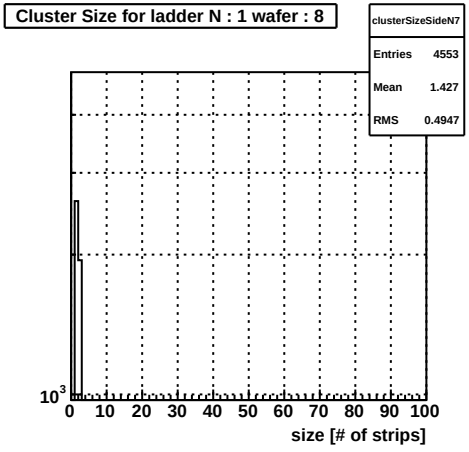

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 603
Mean 1.323
RMS 0.7192
size [# of strips]

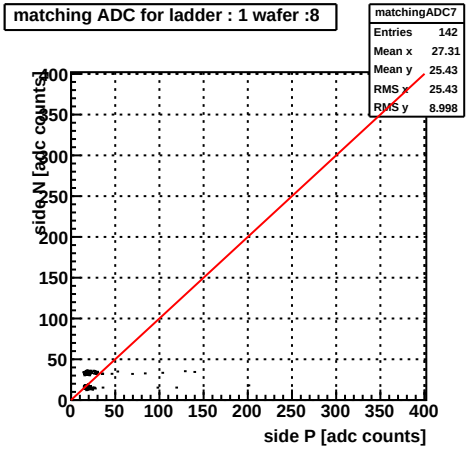

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 139
Mean x 77.99
Mean y 71.13
RMS x 69.84
RMS y 63.99
side N [adc counts]
side P [adc counts]

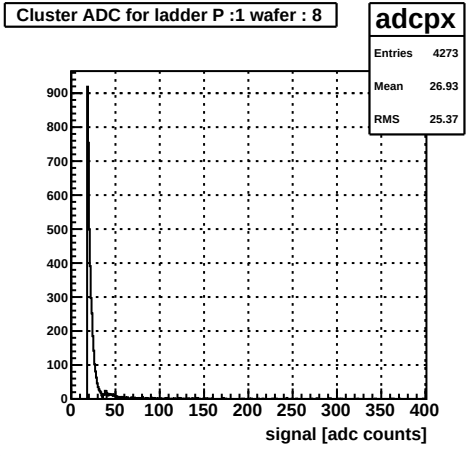

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 5134
Mean 34.41
RMS 29.44
signal [adc counts]

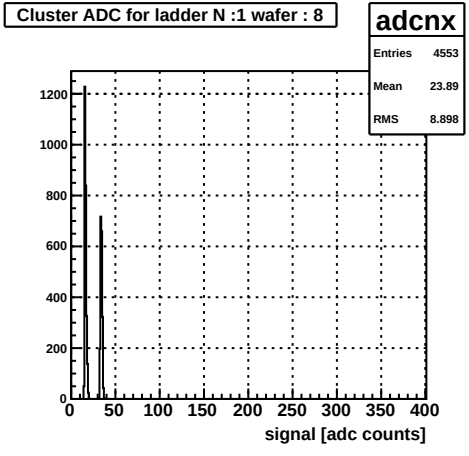

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 603
Mean 42.95
RMS 45.68
signal [adc counts]

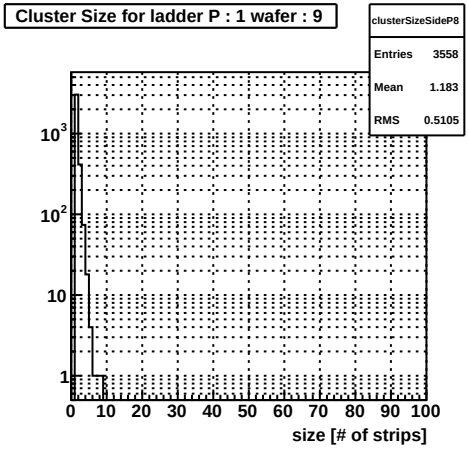

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 4273
Mean 1.072
RMS 0.2951
size [# of strips]

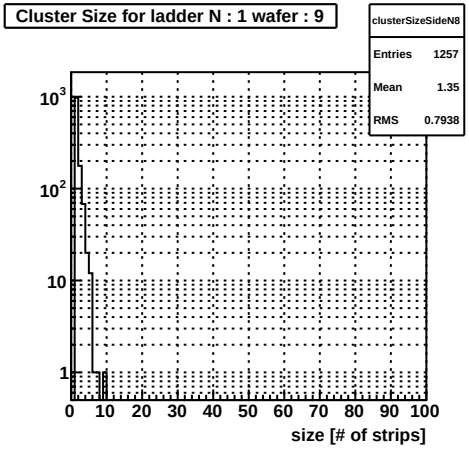

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 4553
Mean 1.427
RMS 0.4947
size [# of strips]

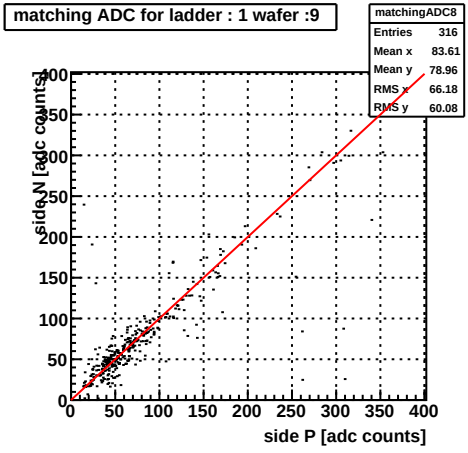

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 142
Mean x 27.31
Mean y 25.43
RMS x 25.43
RMS y 8.998
side N [adc counts]
side P [adc counts]

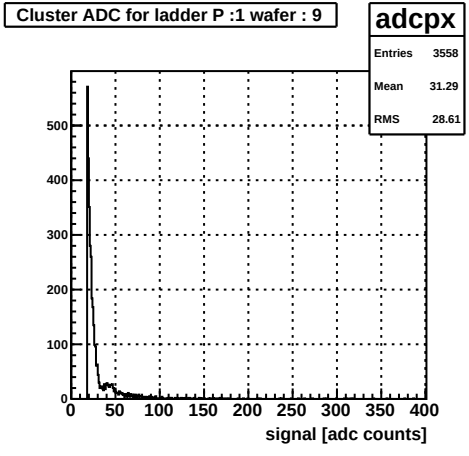

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 4273
Mean 26.93
RMS 25.37
signal [adc counts]

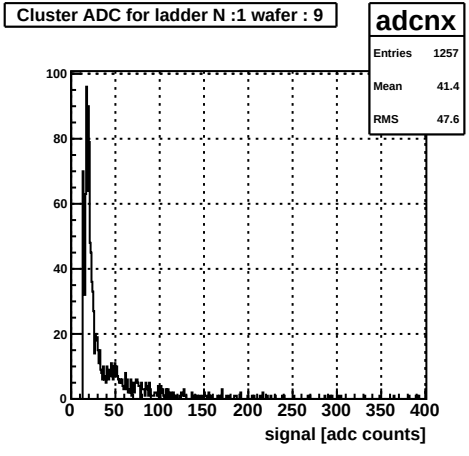

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 4553
Mean 23.89
RMS 8.898
signal [adc counts]

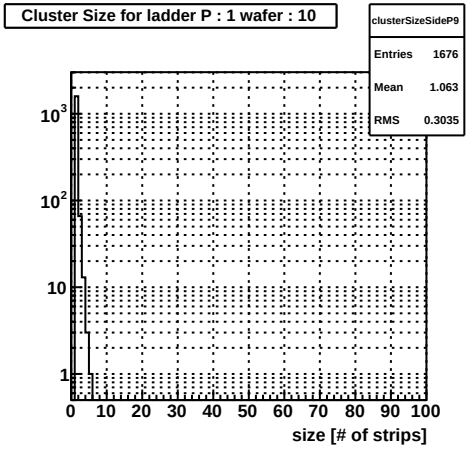

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 3558
Mean 1.183
RMS 0.5105
size [# of strips]

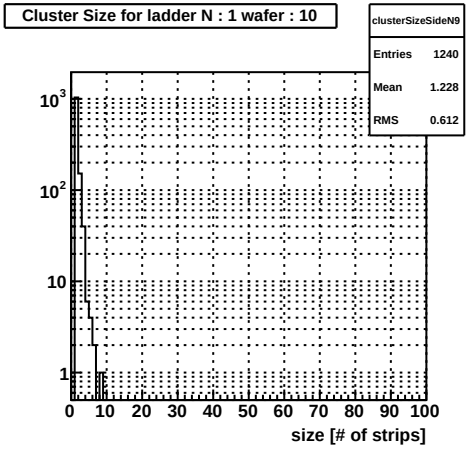

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1257
Mean 1.35
RMS 0.7938
size [# of strips]

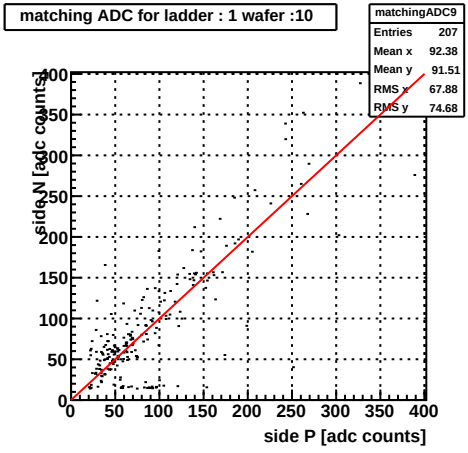

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 316
Mean x 83.61
Mean y 78.96
RMS x 66.18
RMS y 60.08
side N [adc counts]
side P [adc counts]

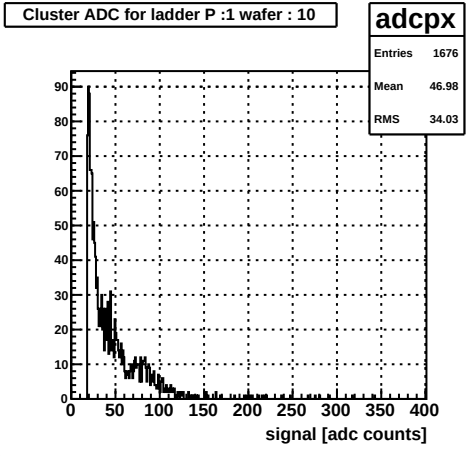

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 3558
Mean 31.29
RMS 28.61
signal [adc counts]

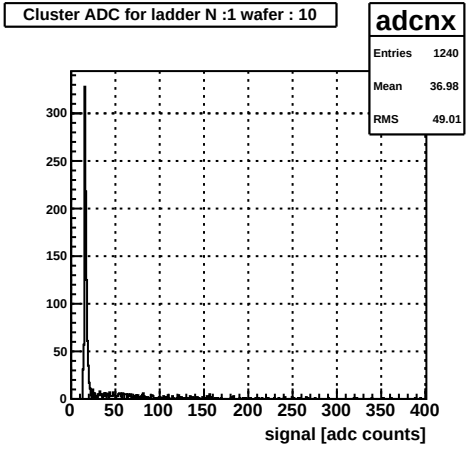

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1257
Mean 41.4
RMS 47.6
signal [adc counts]

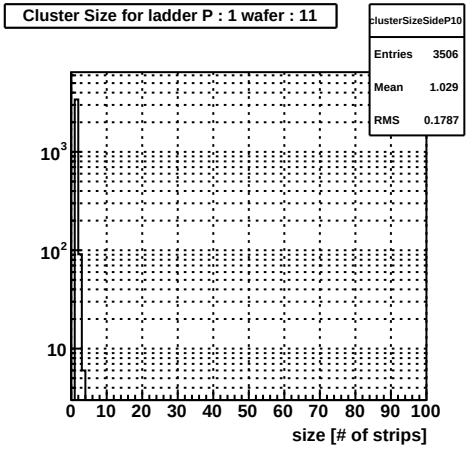

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1676
Mean 1.063
RMS 0.3035
size [# of strips]

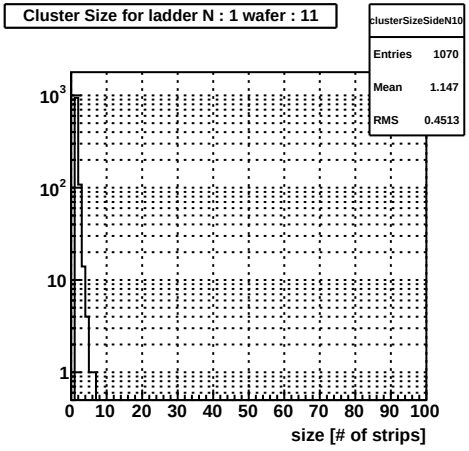

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1240
Mean 1.228
RMS 0.612
size [# of strips]

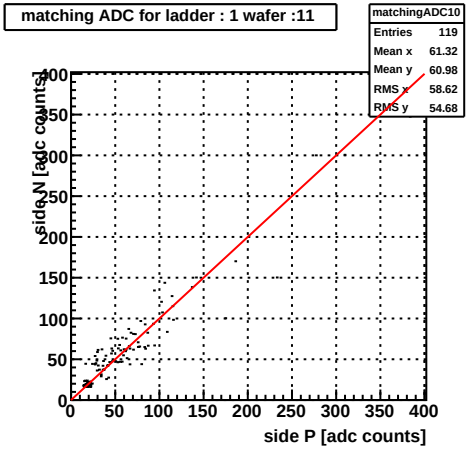

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 207
Mean x 92.38
Mean y 91.51
RMS x 67.88
RMS y 74.68
side N [adc counts]
side P [adc counts]

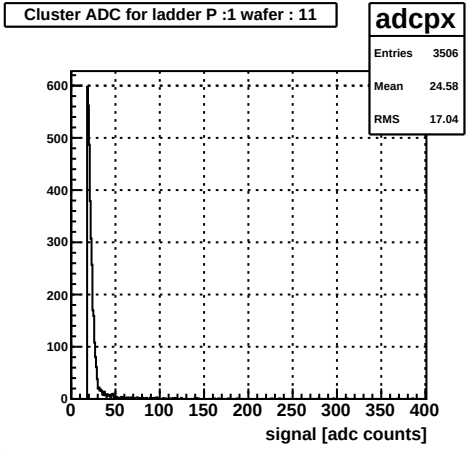

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1676
Mean 46.98
RMS 34.03
signal [adc counts]

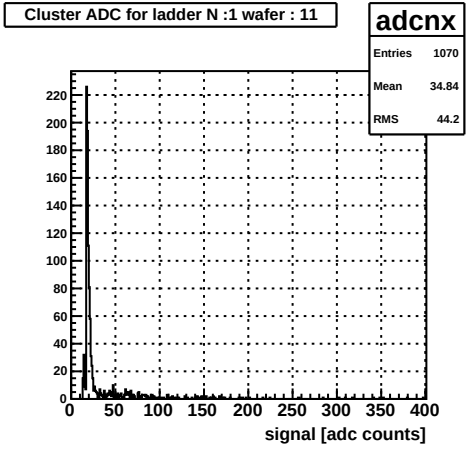

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1240
Mean 36.98
RMS 49.01
signal [adc counts]

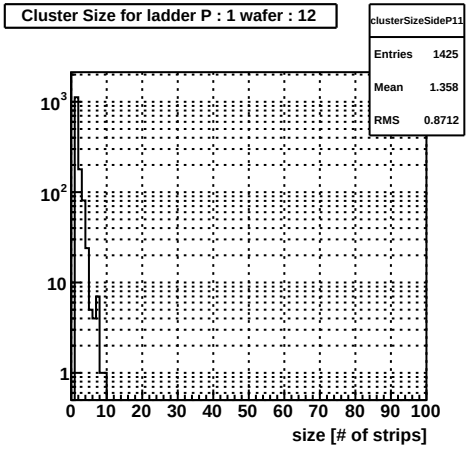

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 3506
Mean 1.029
RMS 0.1787
size [# of strips]

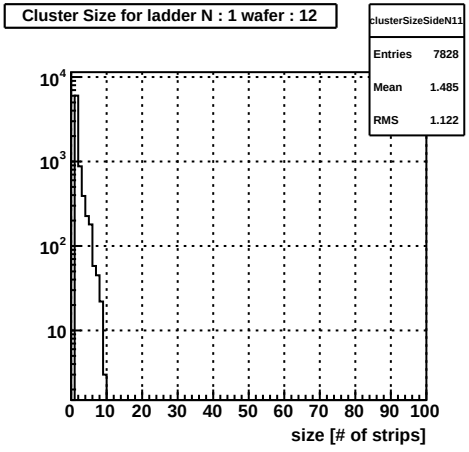

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1070
Mean 1.147
RMS 0.4513
size [# of strips]

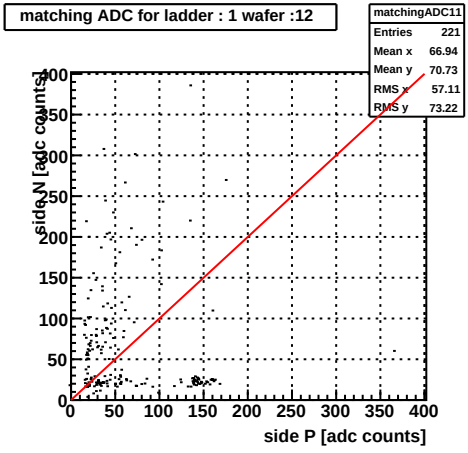

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 119
Mean x 61.32
Mean y 60.98
RMS x 58.62
RMS y 54.68
side N [adc counts]
side P [adc counts]

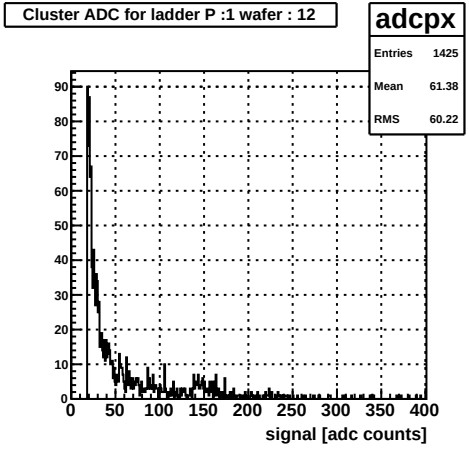

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 3506
Mean 24.58
RMS 17.04
signal [adc counts]

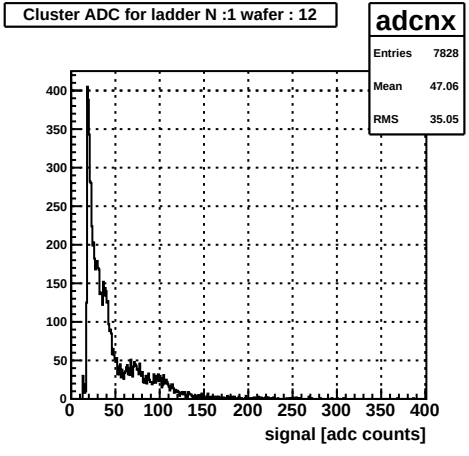

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1070
Mean 34.84
RMS 44.2
signal [adc counts]

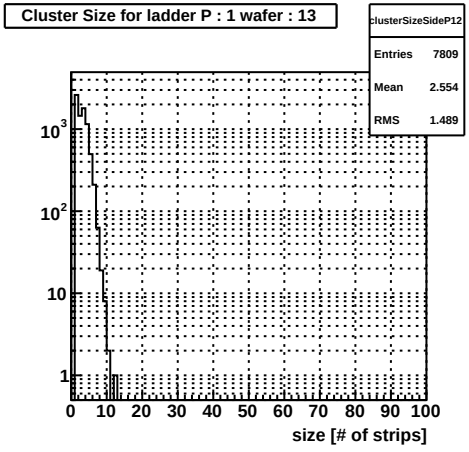

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1425
Mean 1.358
RMS 0.8712
size [# of strips]

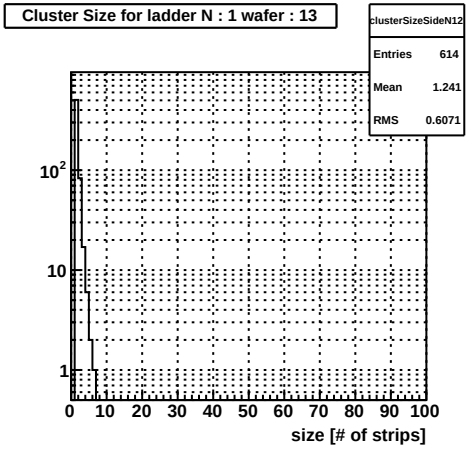

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7828
Mean 1.485
RMS 1.122
size [# of strips]

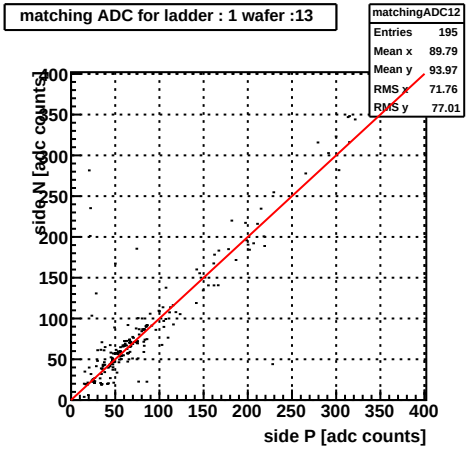

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 221
Mean x 66.94
Mean y 70.73
RMS x 57.11
RMS y 73.22
side N [adc counts]
side P [adc counts]

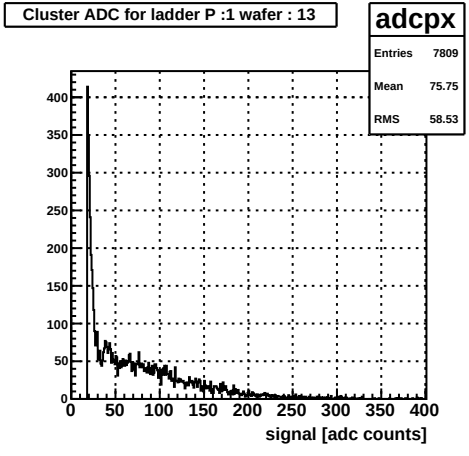

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1425
Mean 61.38
RMS 60.22
signal [adc counts]

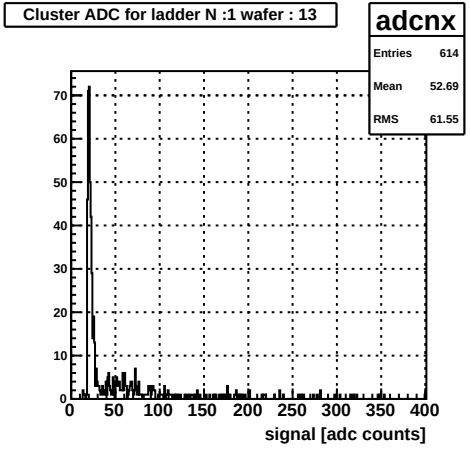

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7828
Mean 47.06
RMS 35.05
signal [adc counts]

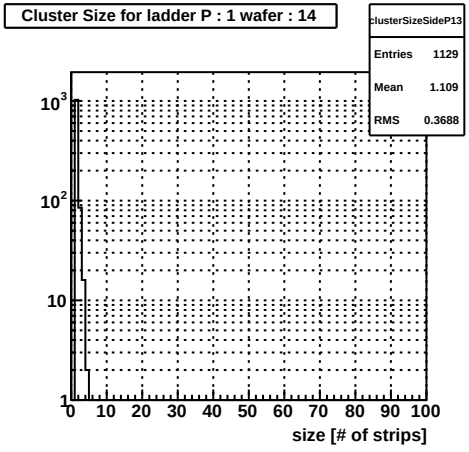

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 7809
Mean 2.554
RMS 1.489
size [# of strips]

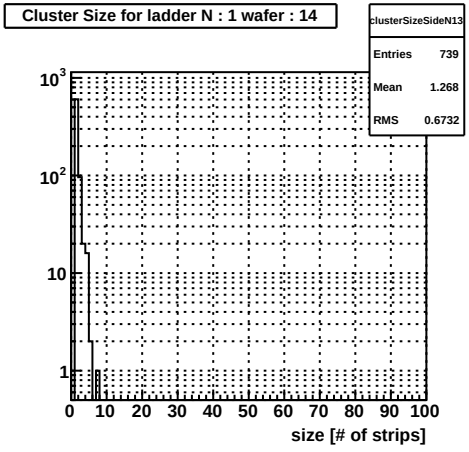

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 614
Mean 1.241
RMS 0.6071
size [# of strips]

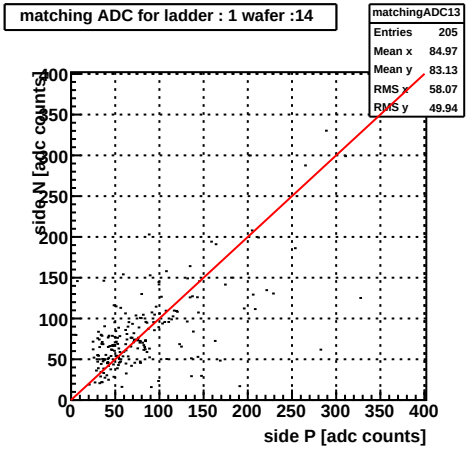

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 195
Mean x 89.79
Mean y 93.97
RMS x 71.76
RMS y 77.01
side N [adc counts]
side P [adc counts]

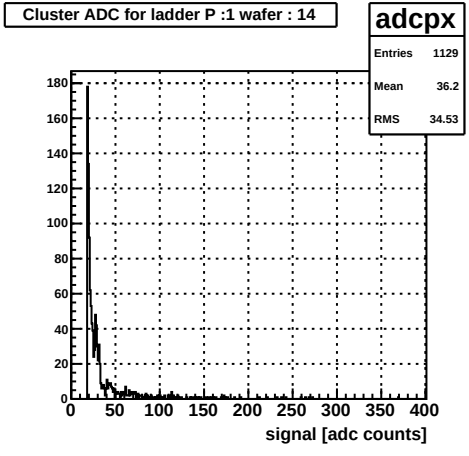

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 7809
Mean 75.75
RMS 58.53
signal [adc counts]

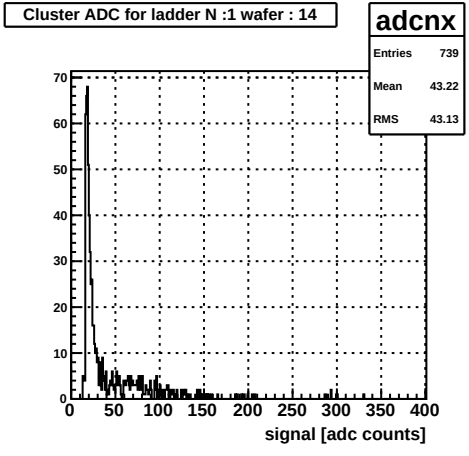

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 614
Mean 52.69
RMS 61.55
signal [adc counts]

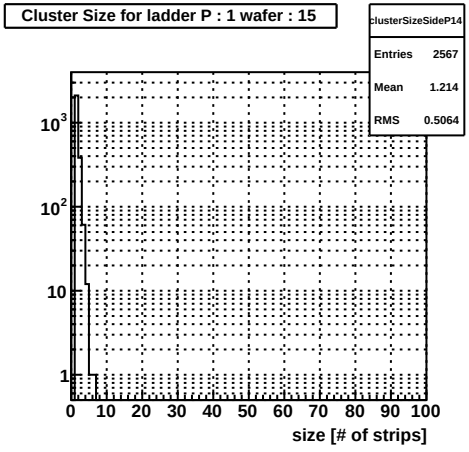

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1129
Mean 1.109
RMS 0.3688
size [# of strips]

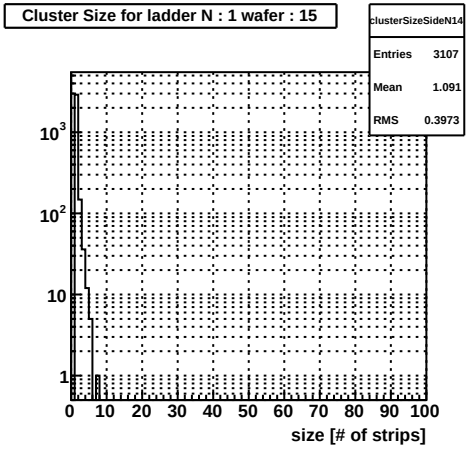

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 739
Mean 1.268
RMS 0.6732
size [# of strips]

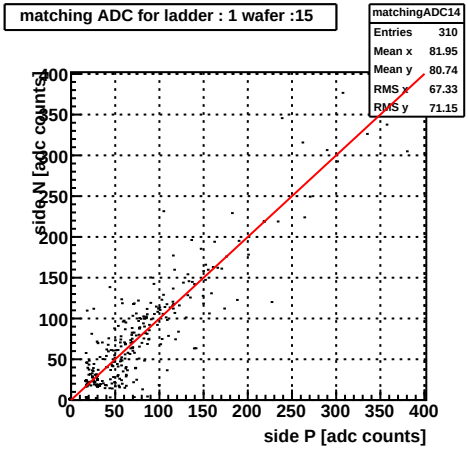

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 205
Mean x 84.97
Mean y 83.13
RMS x 58.07
RMS y 49.94
side N [adc counts]
side P [adc counts]

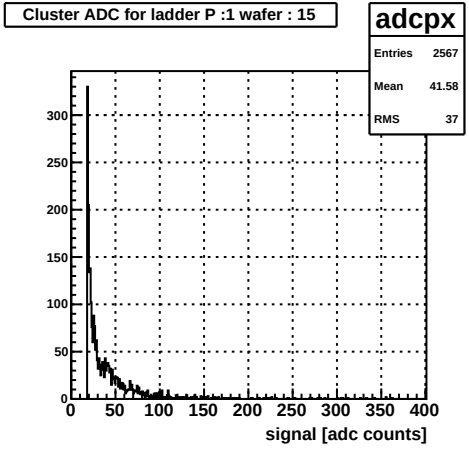

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1129
Mean 36.2
RMS 34.53
signal [adc counts]

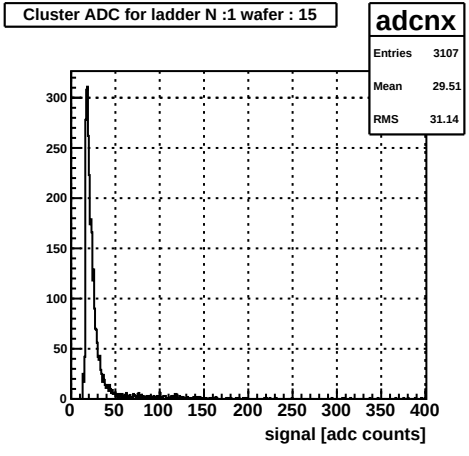

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 739
Mean 43.22
RMS 43.13
signal [adc counts]

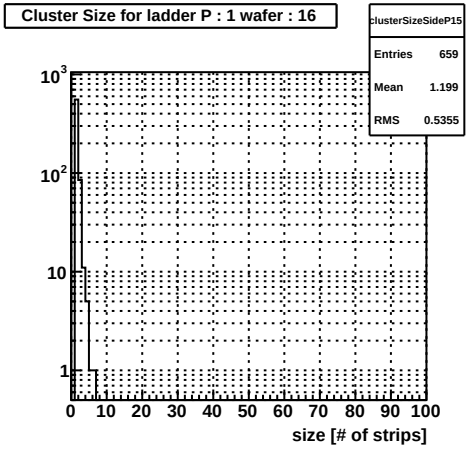

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 2567
Mean 1.214
RMS 0.5064
size [# of strips]

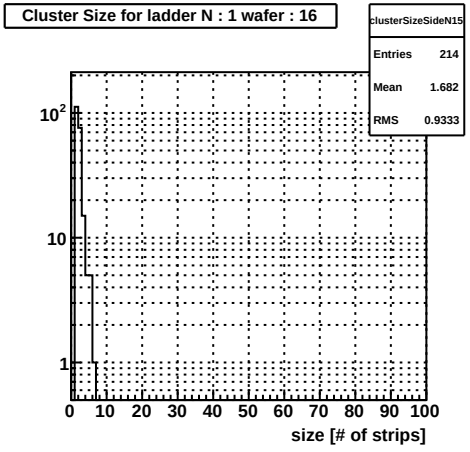

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 3107
Mean 1.091
RMS 0.3973
size [# of strips]

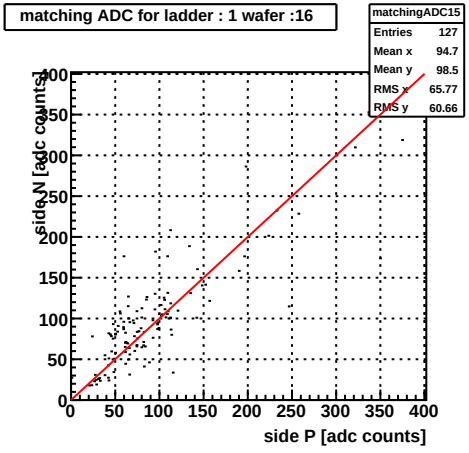

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 310
Mean x 81.95
Mean y 80.74
RMS x 67.33
RMS y 71.15
side N [adc counts]
side P [adc counts]

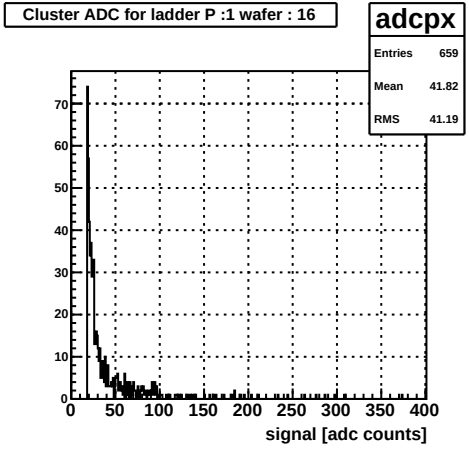

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 2567
Mean 41.58
RMS 37
signal [adc counts]

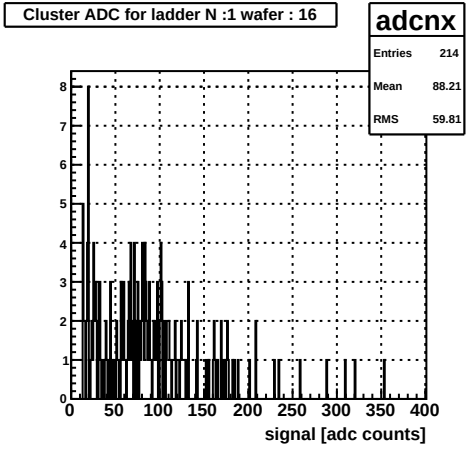

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 3107
Mean 29.51
RMS 31.14
signal [adc counts]

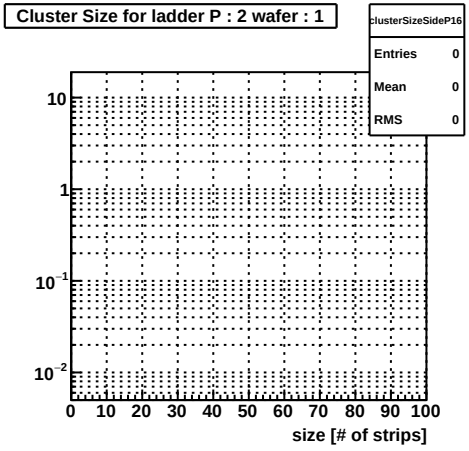

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 659
Mean 1.199
RMS 0.5355
size [# of strips]

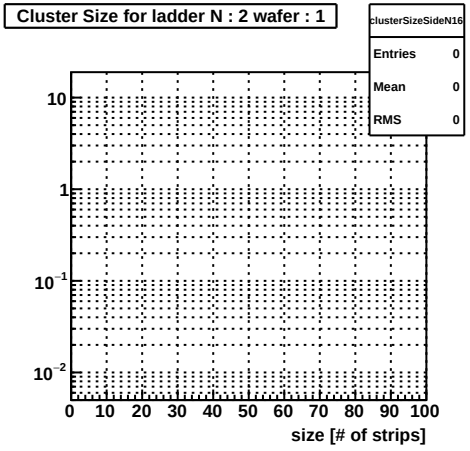

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 214
Mean 1.682
RMS 0.9333
size [# of strips]

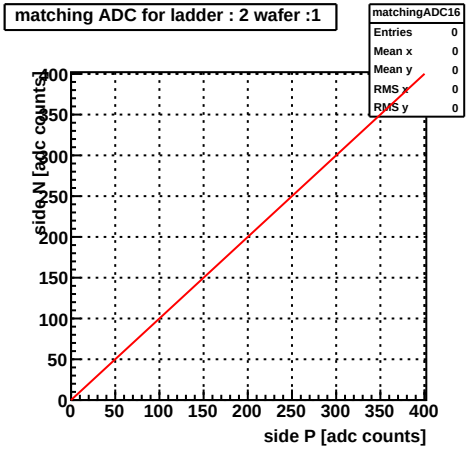

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 127
Mean x 94.7
Mean y 98.5
RMS x 65.77
RMS y 60.66
side N [adc counts]
side P [adc counts]

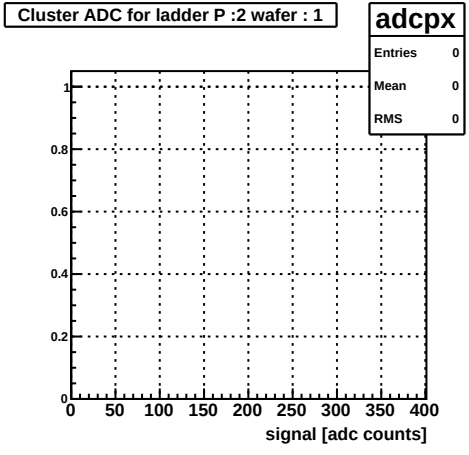

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 659
Mean 41.82
RMS 41.19
signal [adc counts]

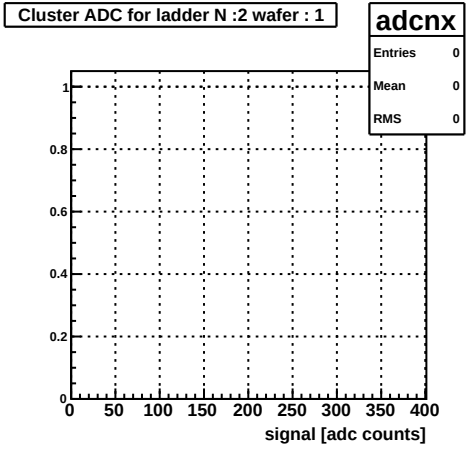

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 214
Mean 88.21
RMS 59.81
signal [adc counts]

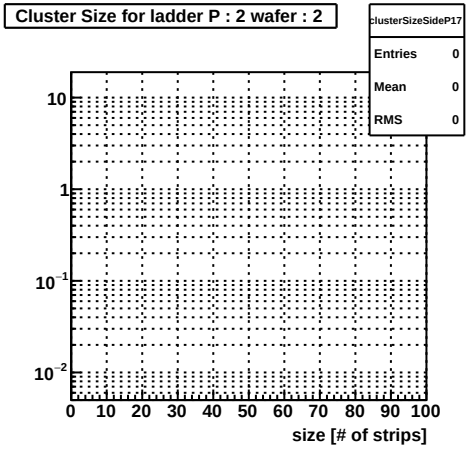

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

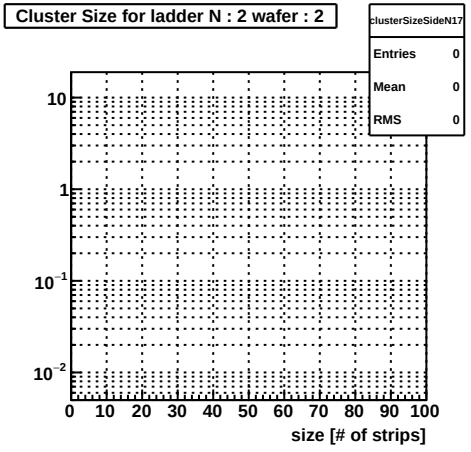

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

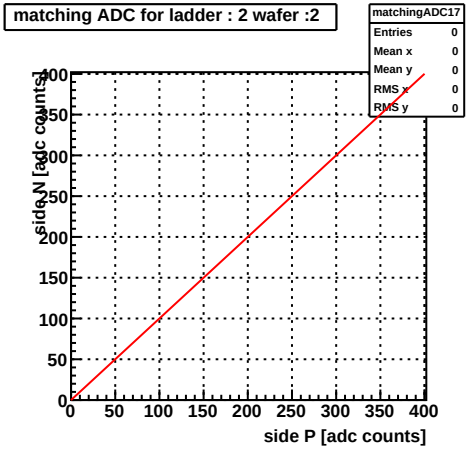

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

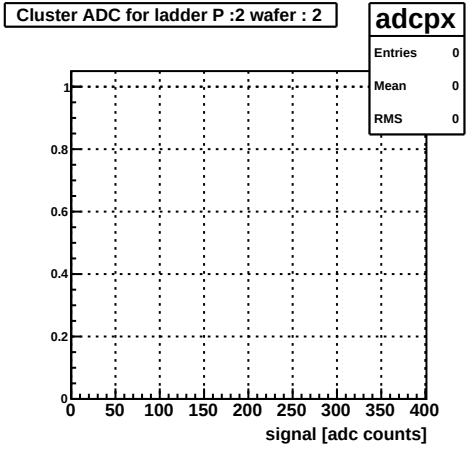

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

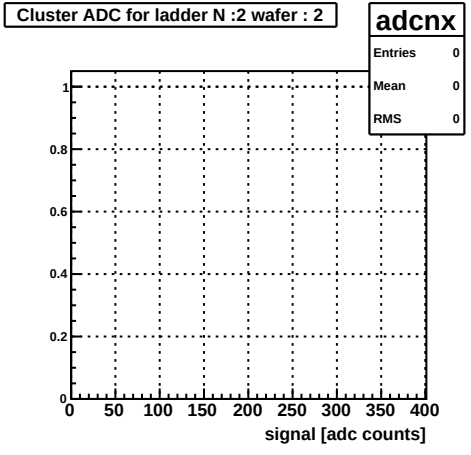

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

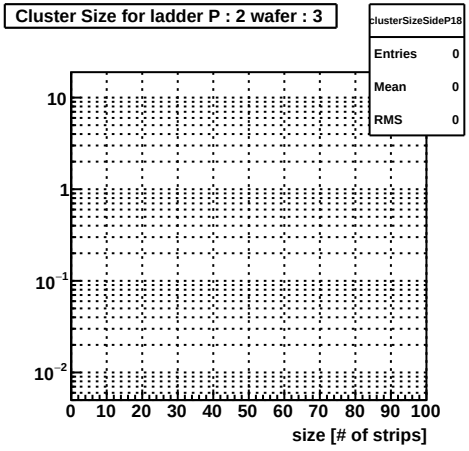

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

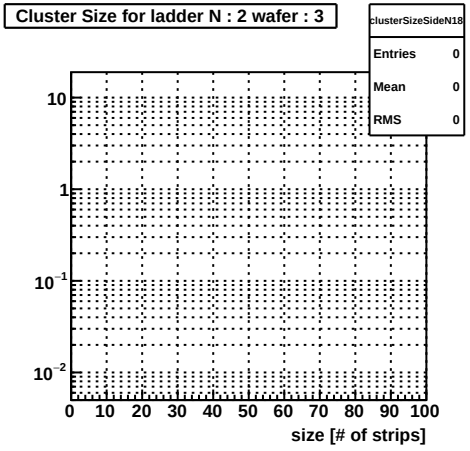

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

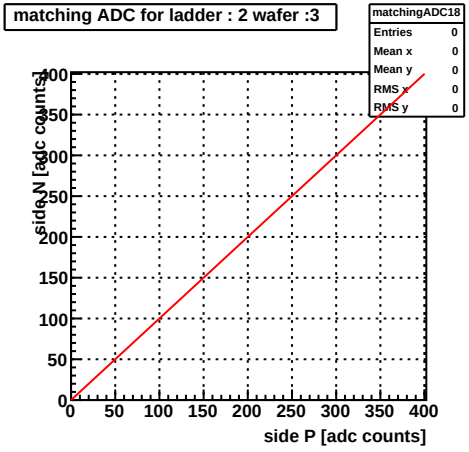

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

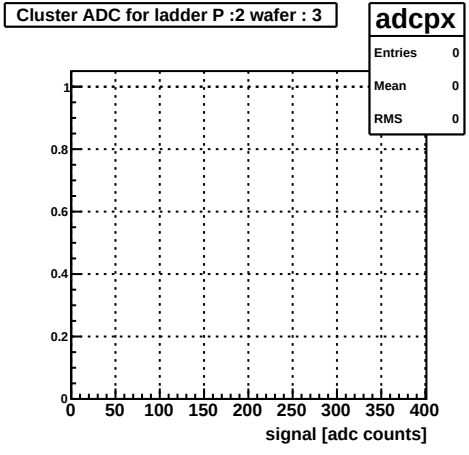

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

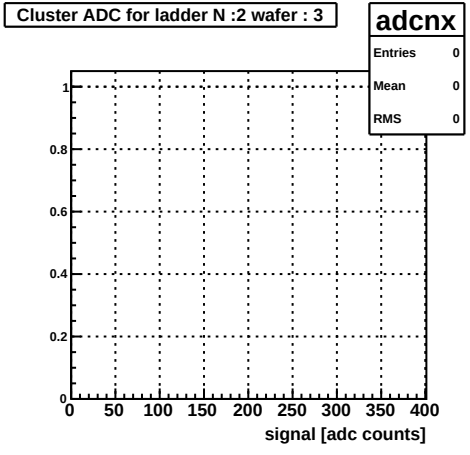

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

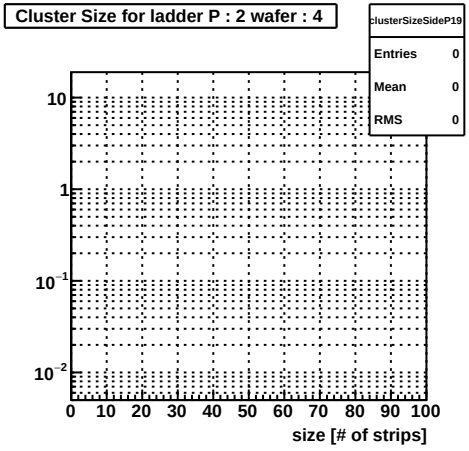

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

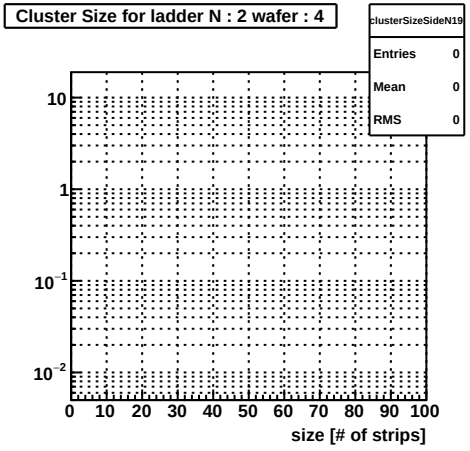

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

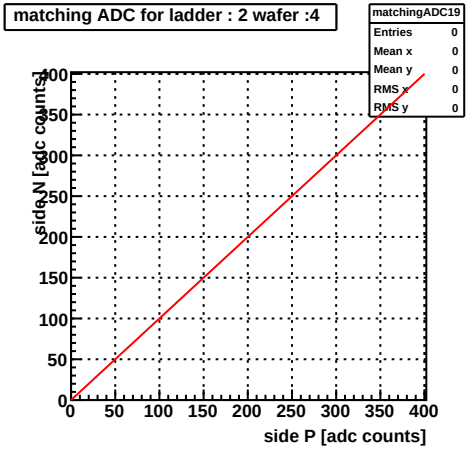

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

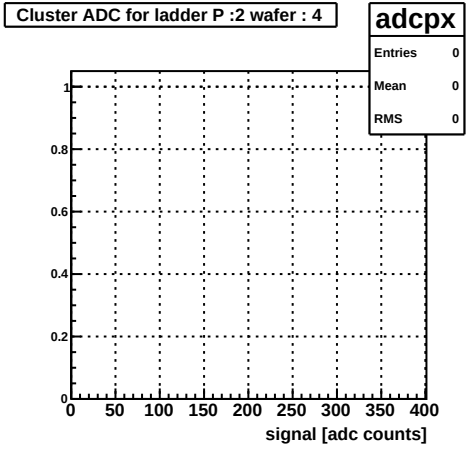

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

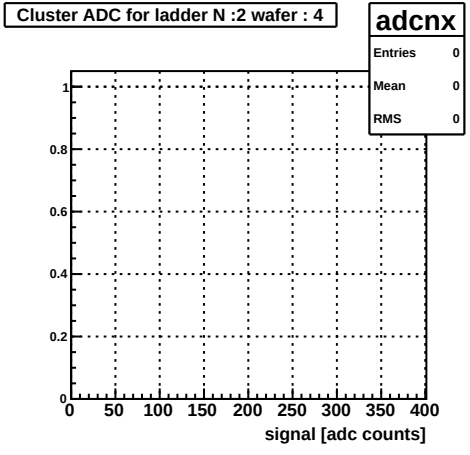

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

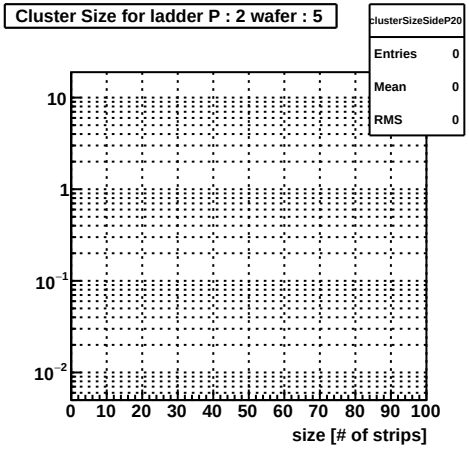

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

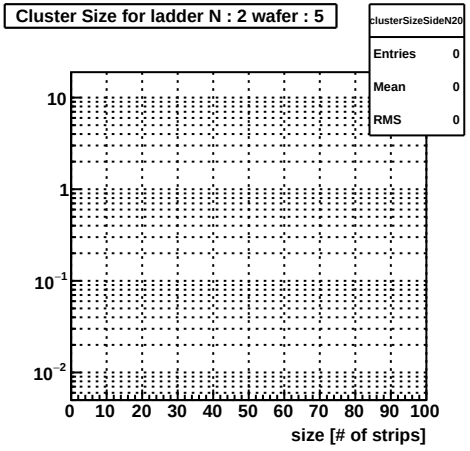

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

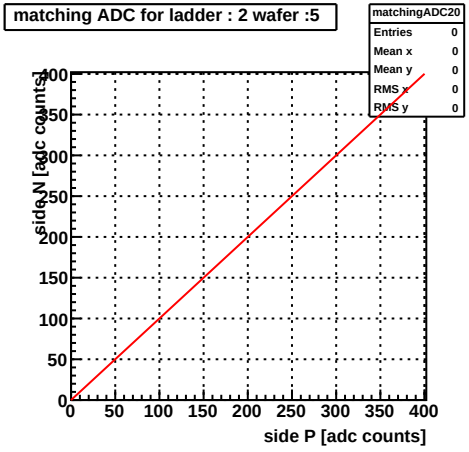

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

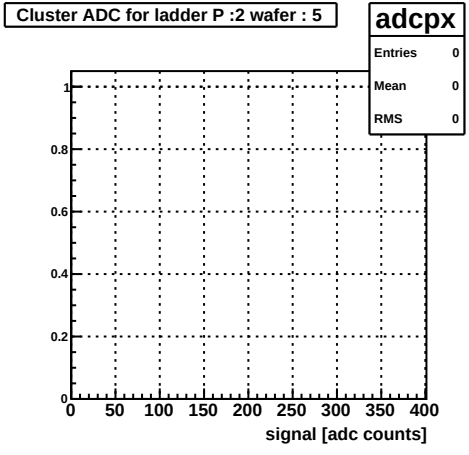

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

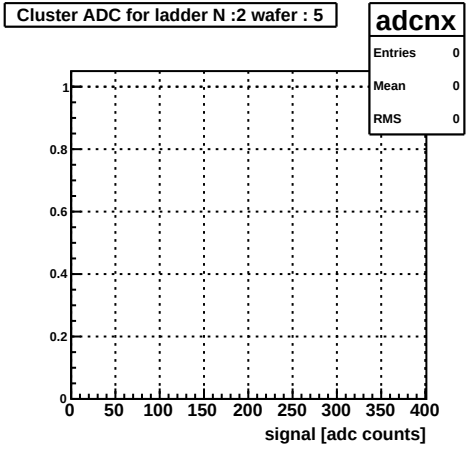

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

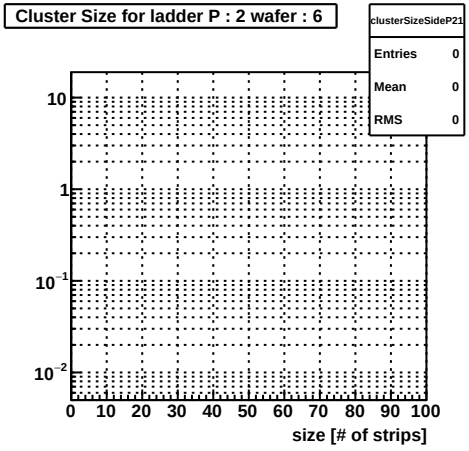

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

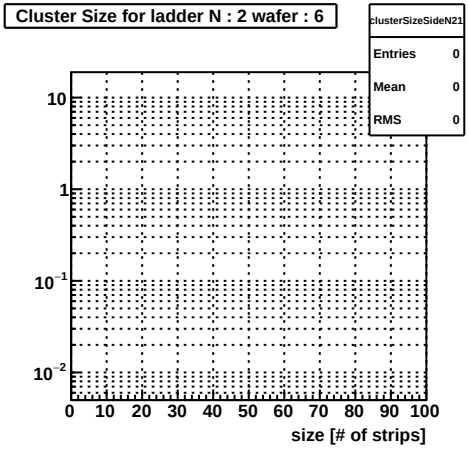

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

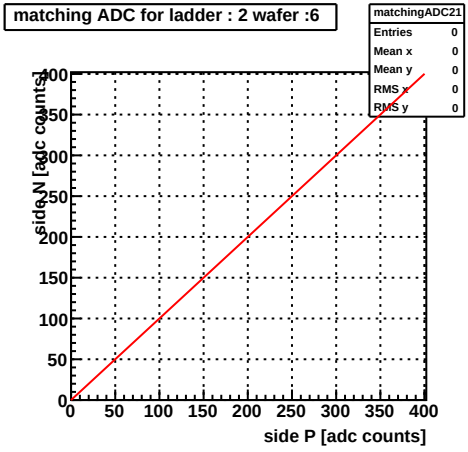

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

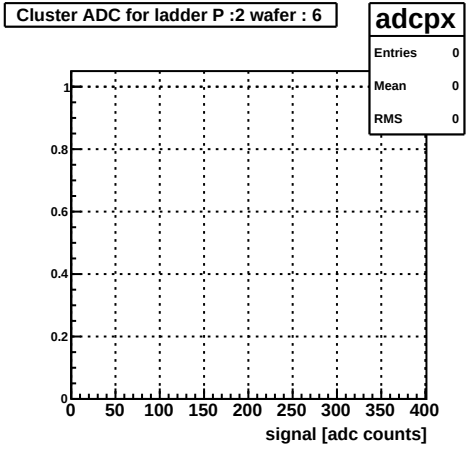

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

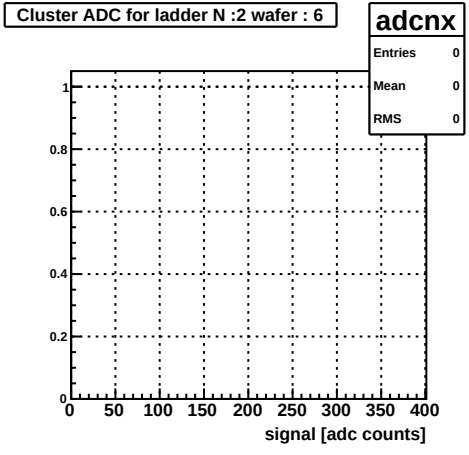

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

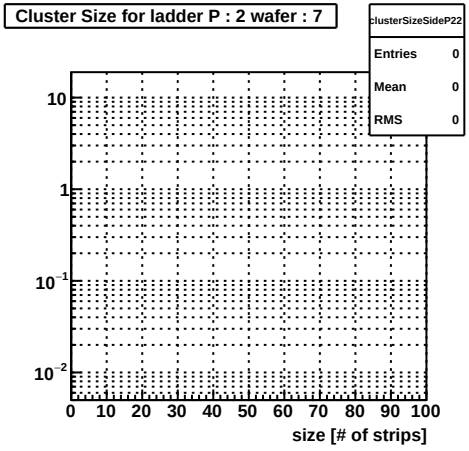

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

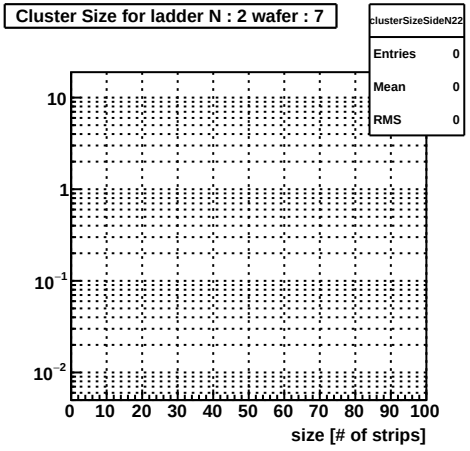

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

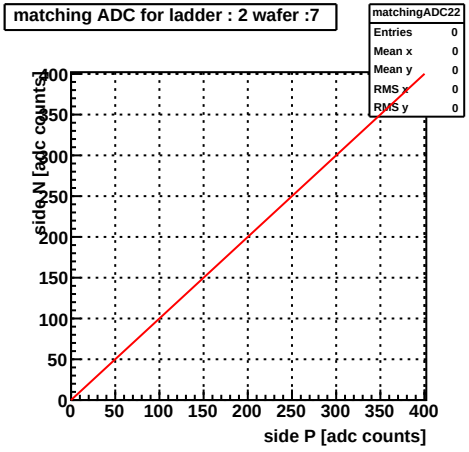

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

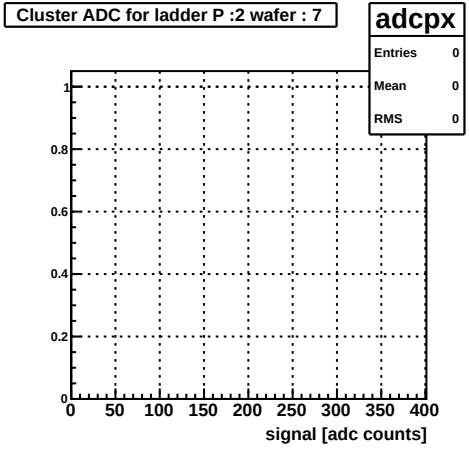

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

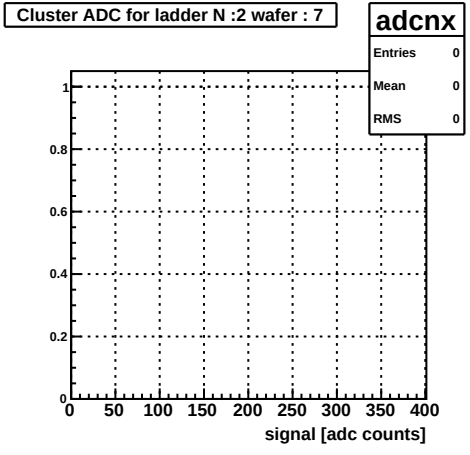

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

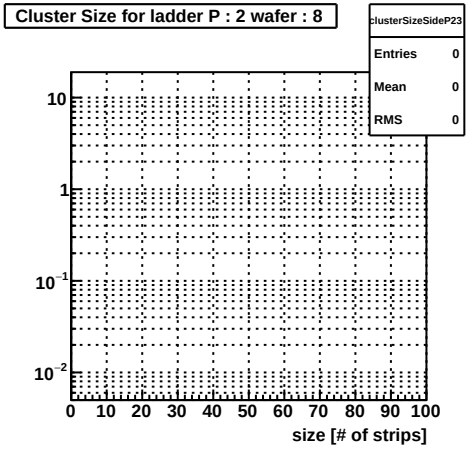

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

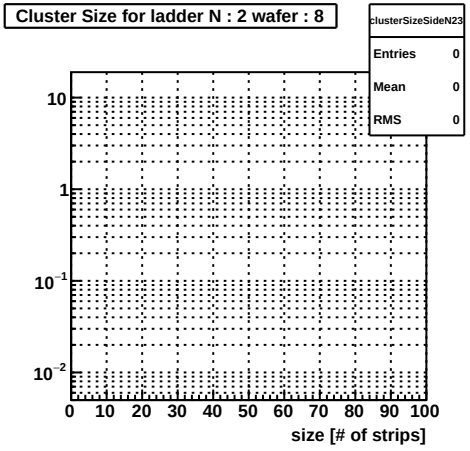

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

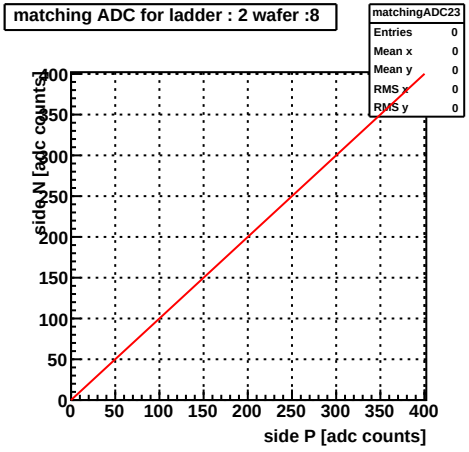

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

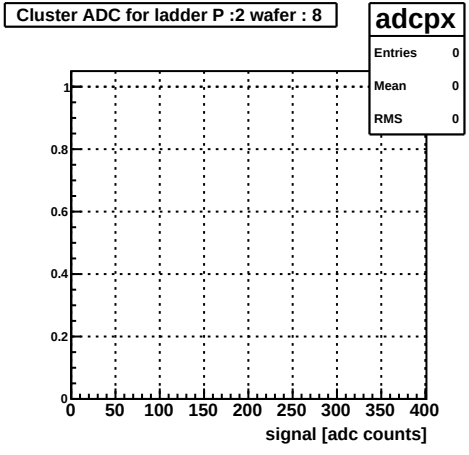

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

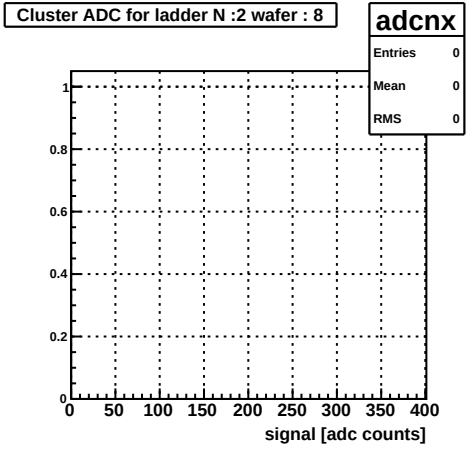

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

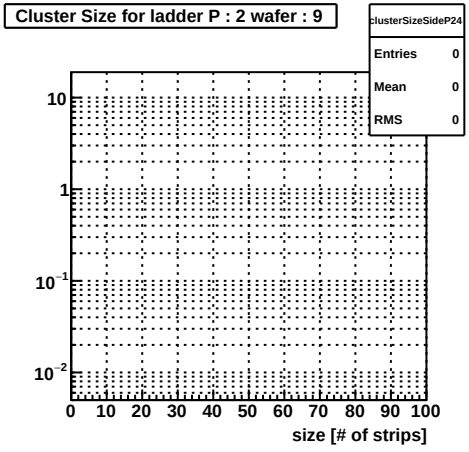

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

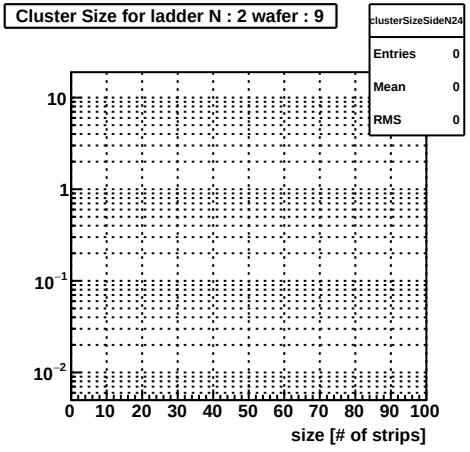

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

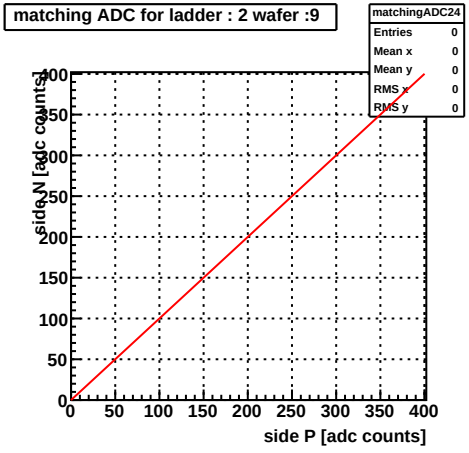

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

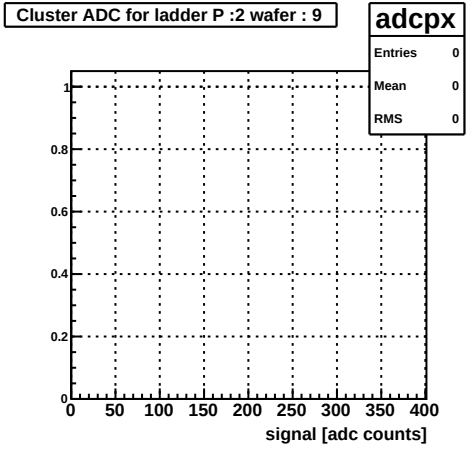

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

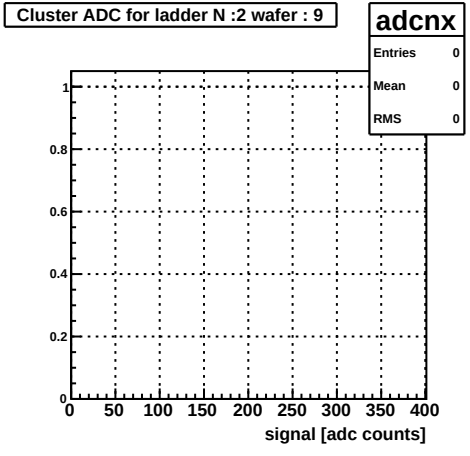

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

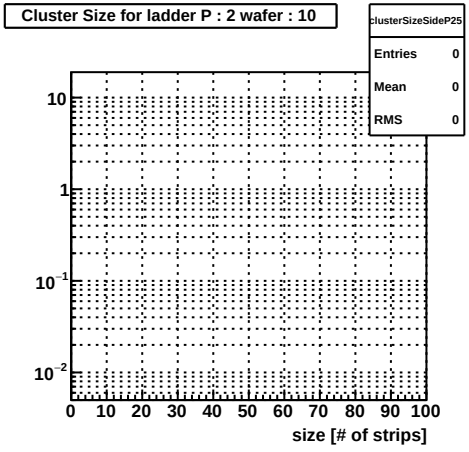

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

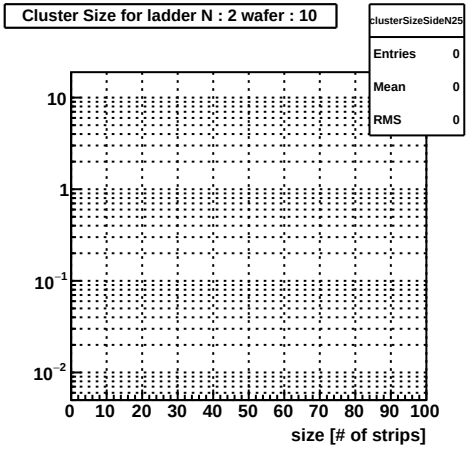

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

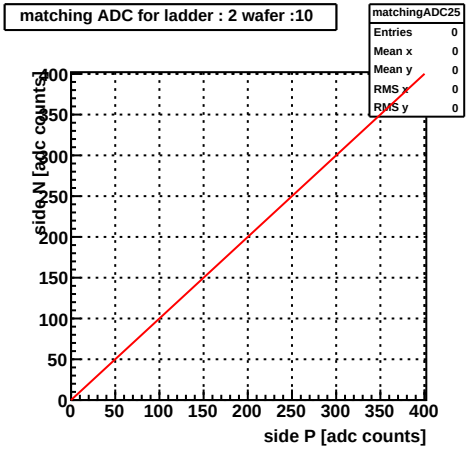

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

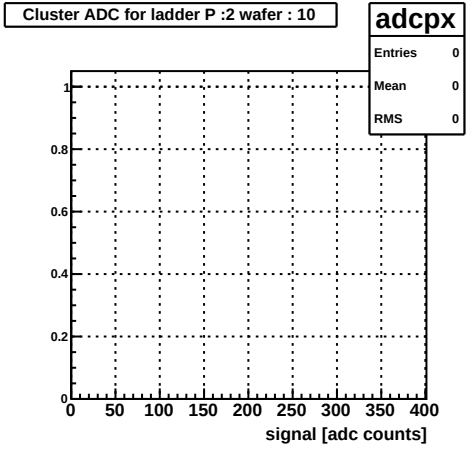

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

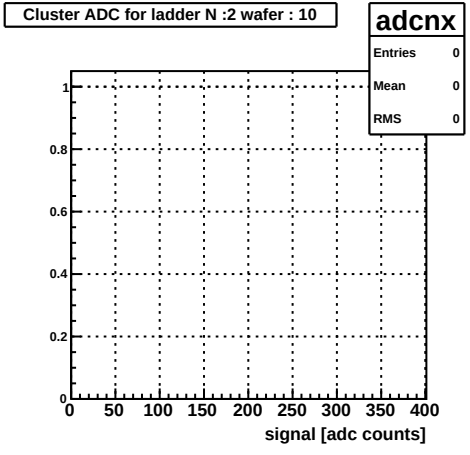

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

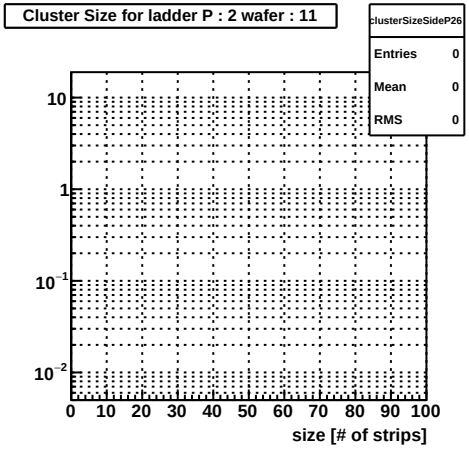

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

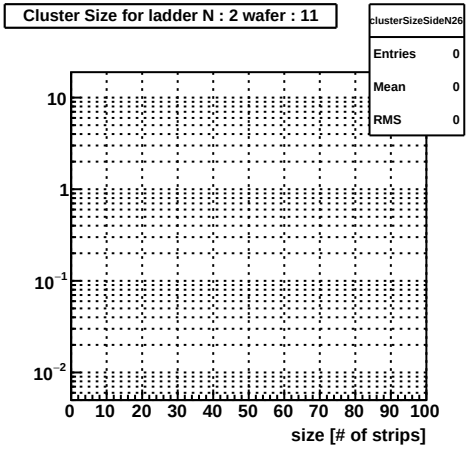

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

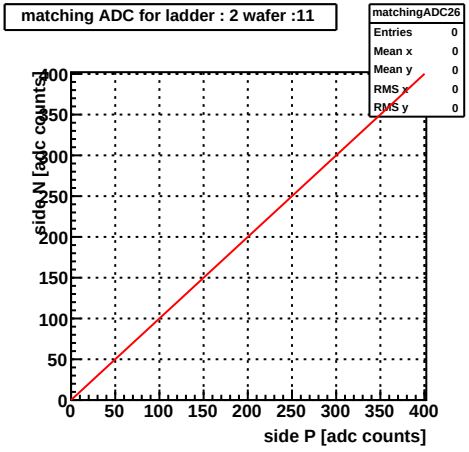

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

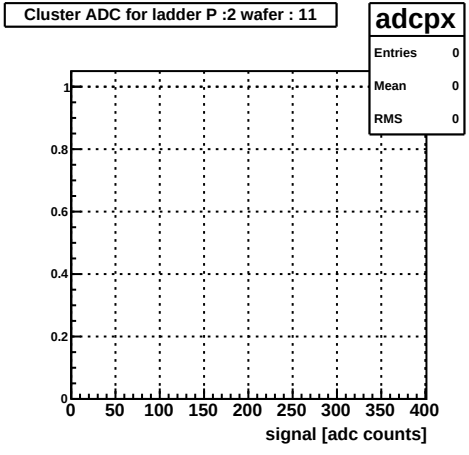

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

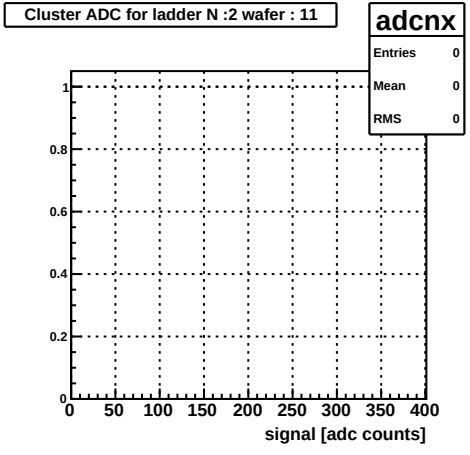

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

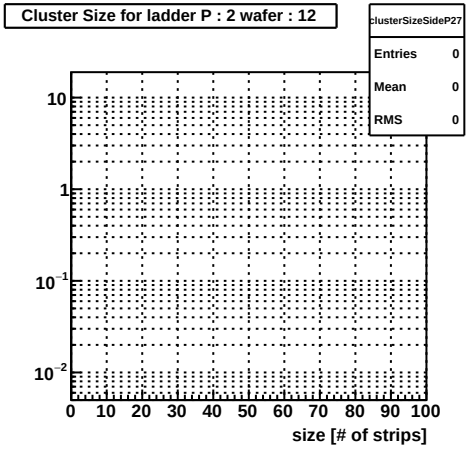

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

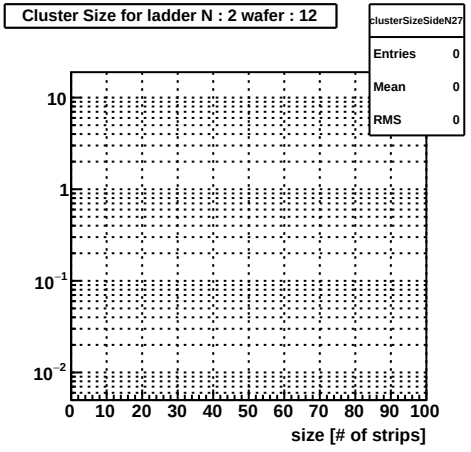

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

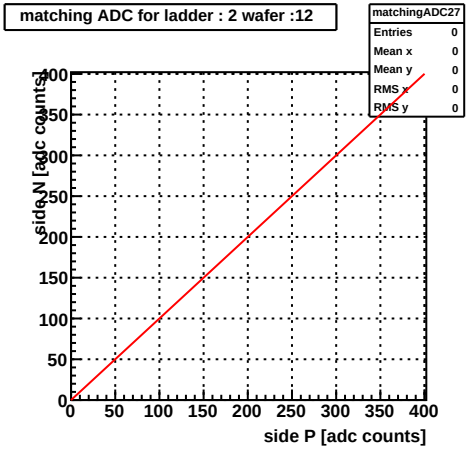

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

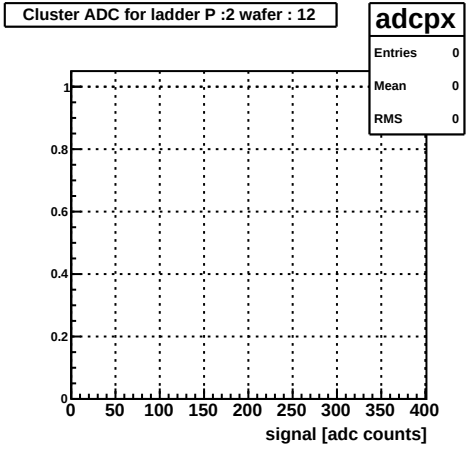

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

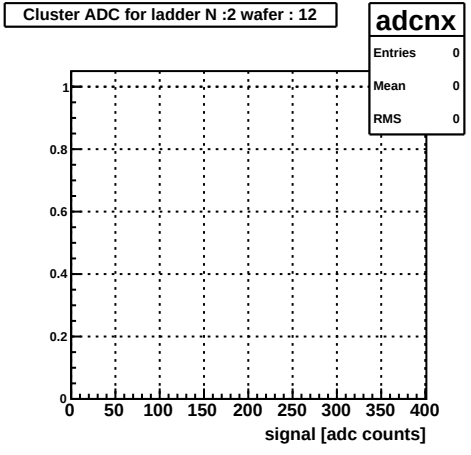

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

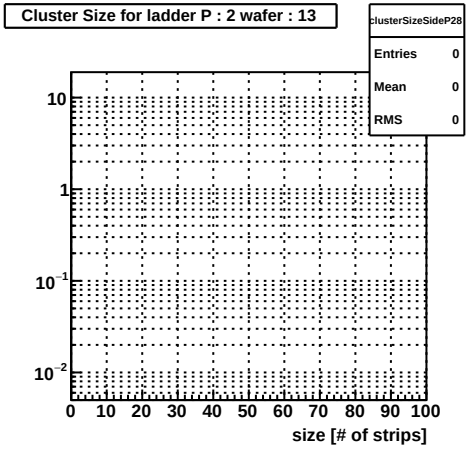

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

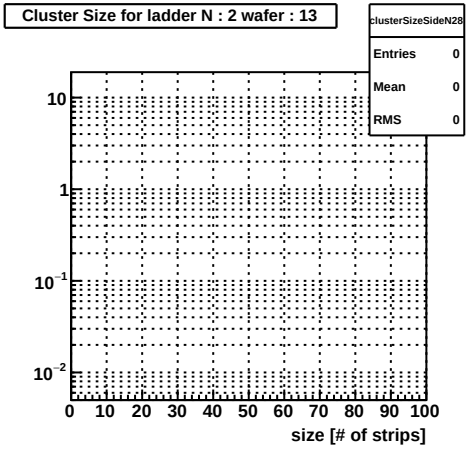

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

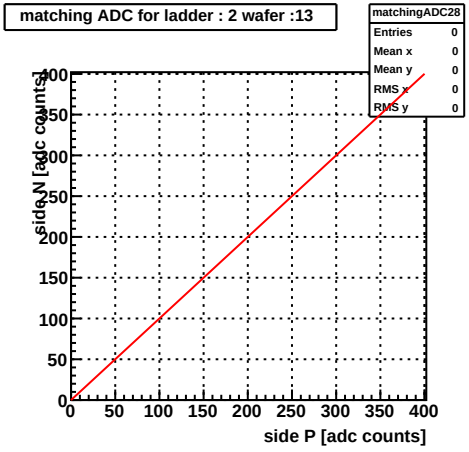

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

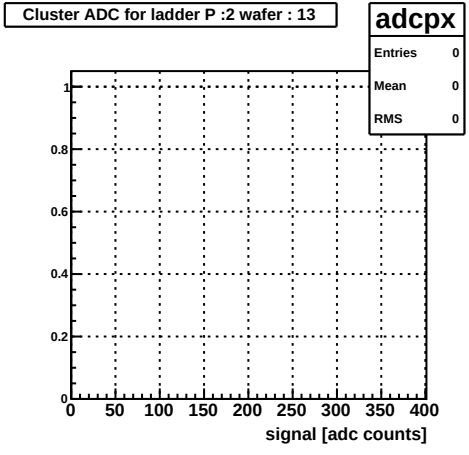

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

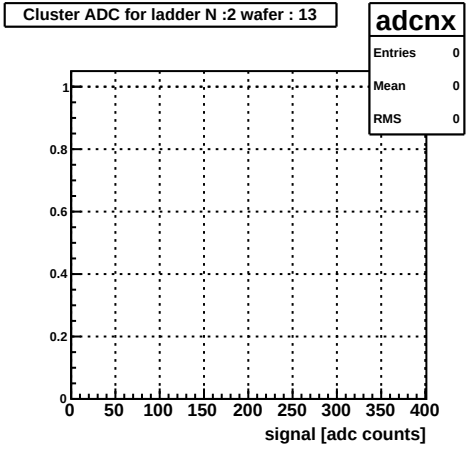

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

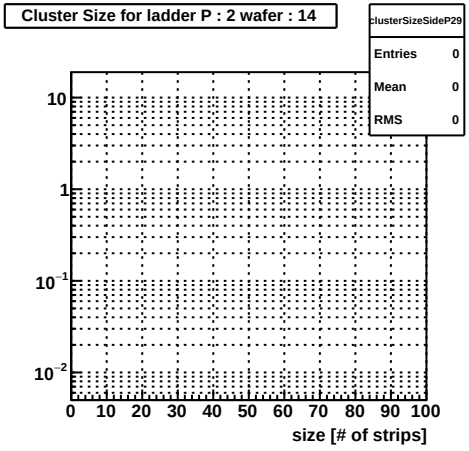

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

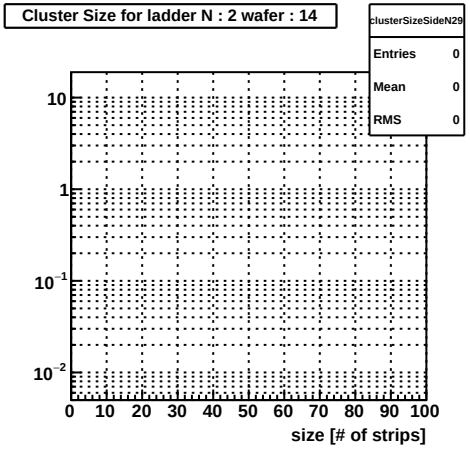

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

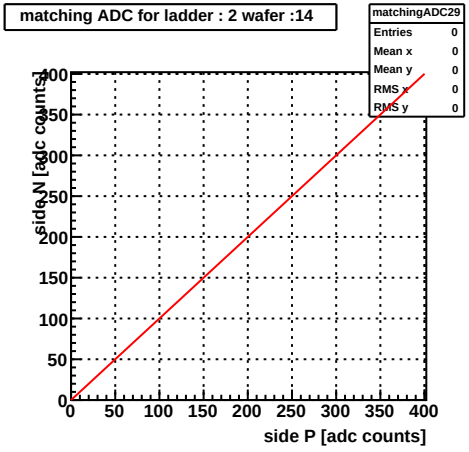

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

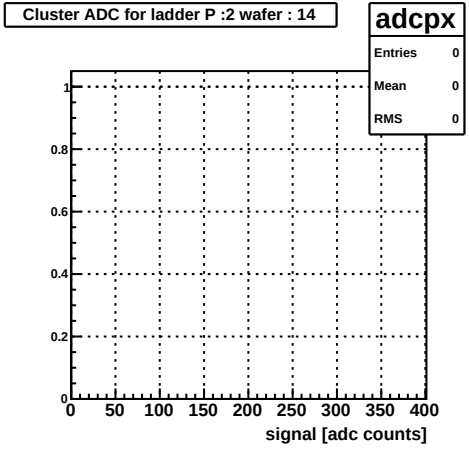

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

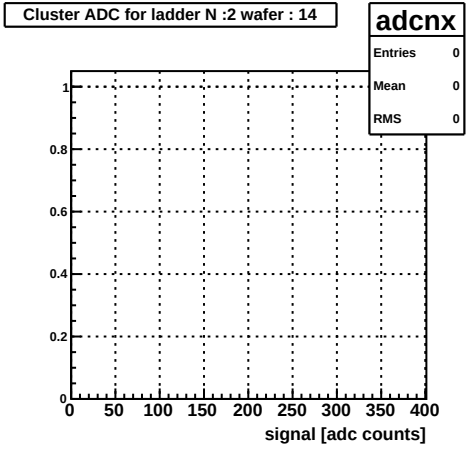

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

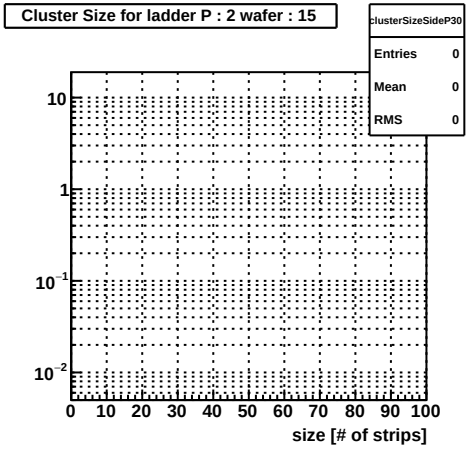

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

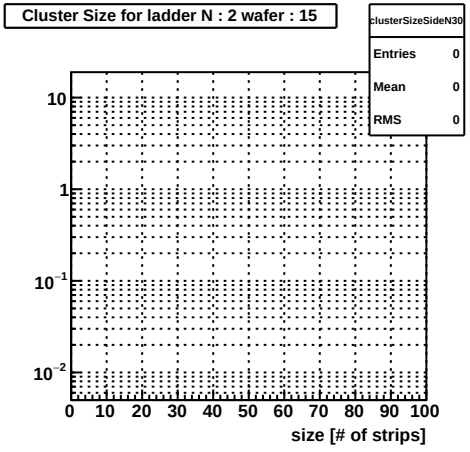

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

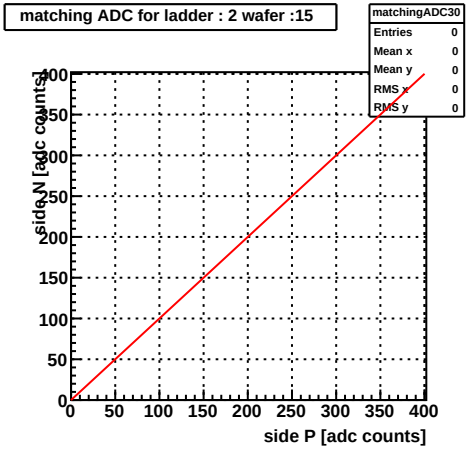

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

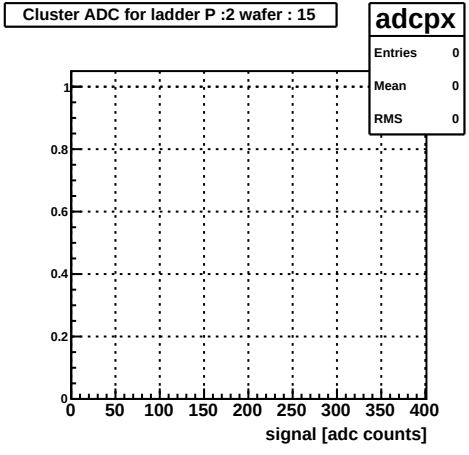

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

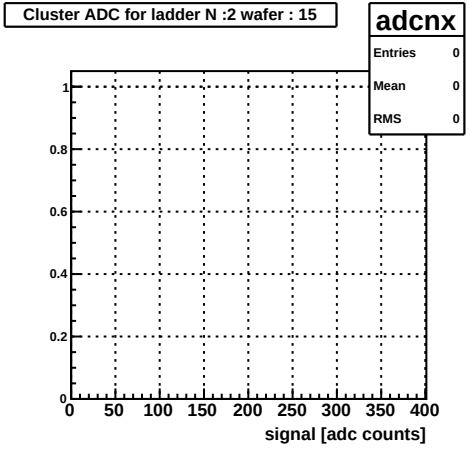

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

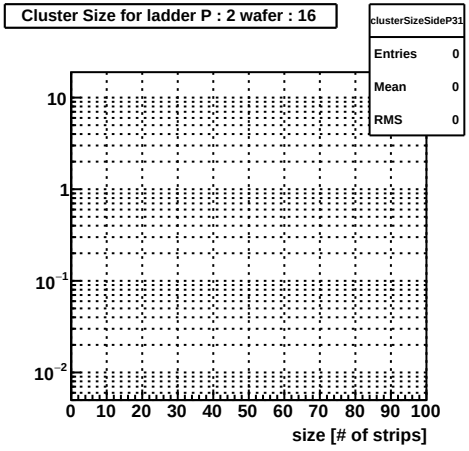

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

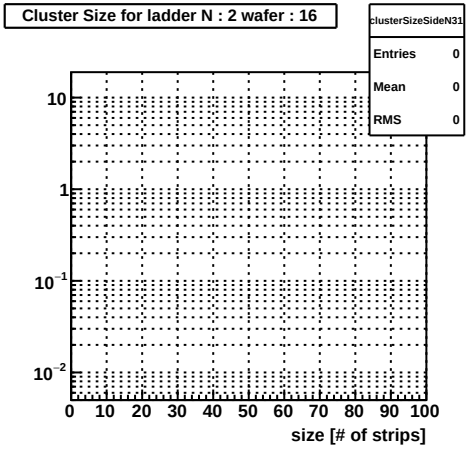

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

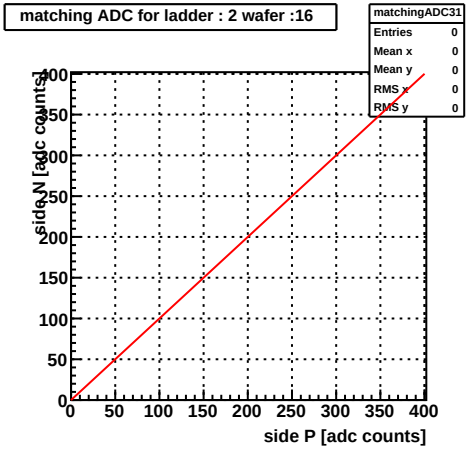

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

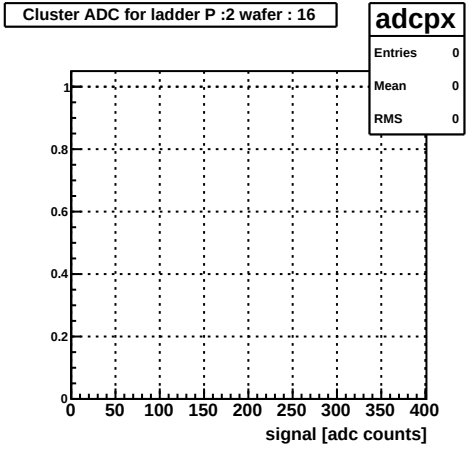

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

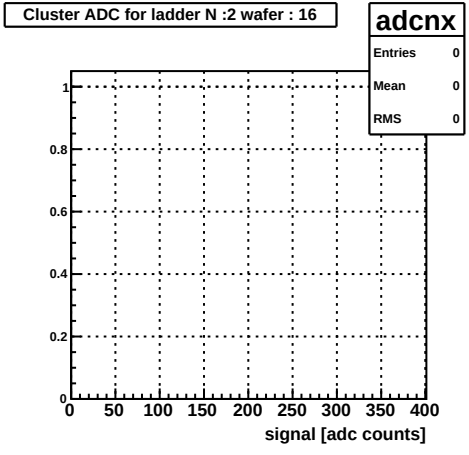

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

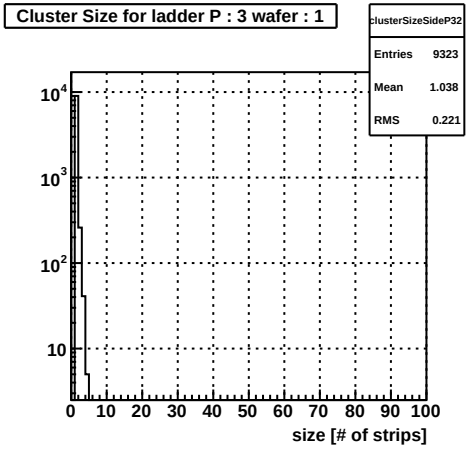

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

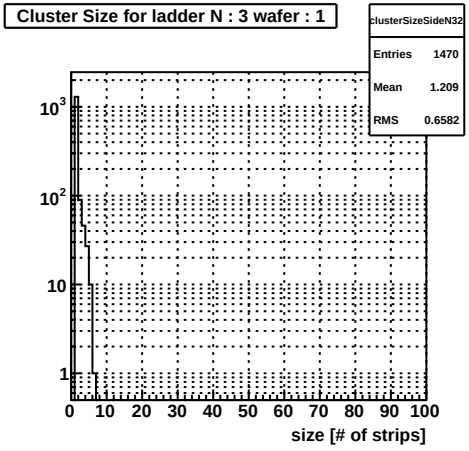

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

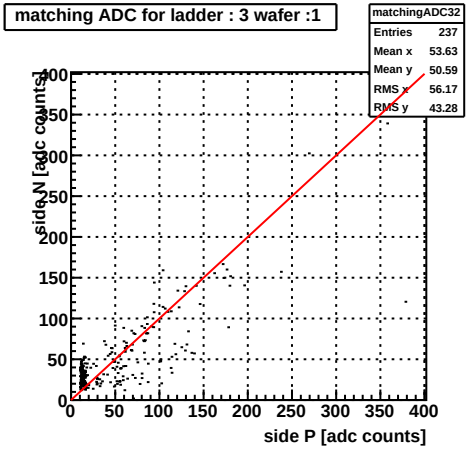

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

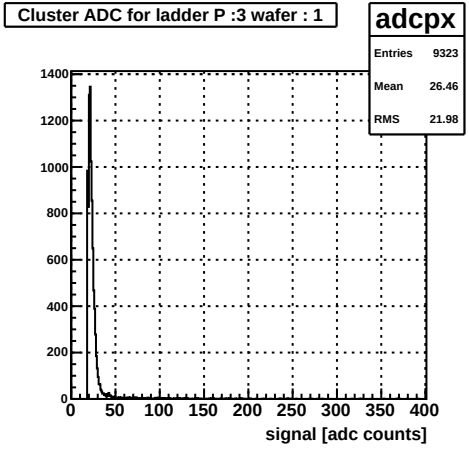

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

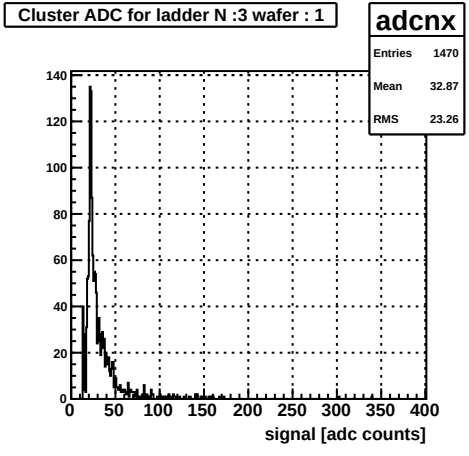

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

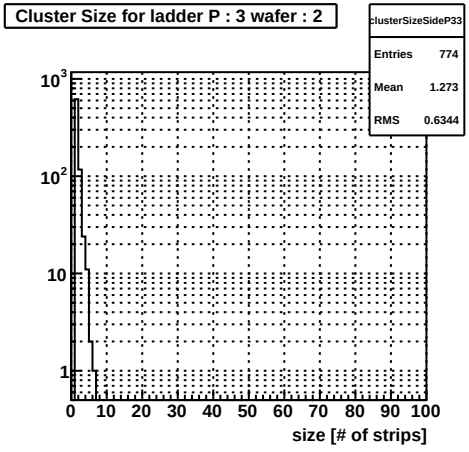

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 9323
Mean 1.038
RMS 0.221
size [# of strips]

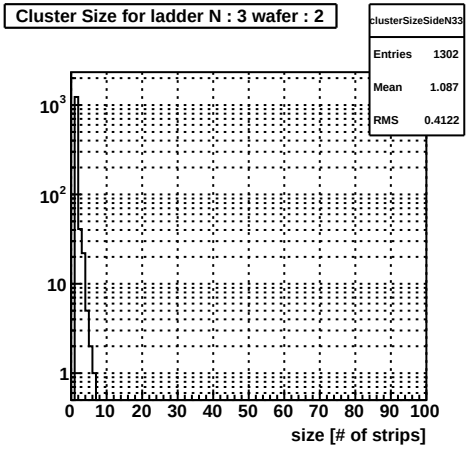

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1470
Mean 1.209
RMS 0.6582
size [# of strips]

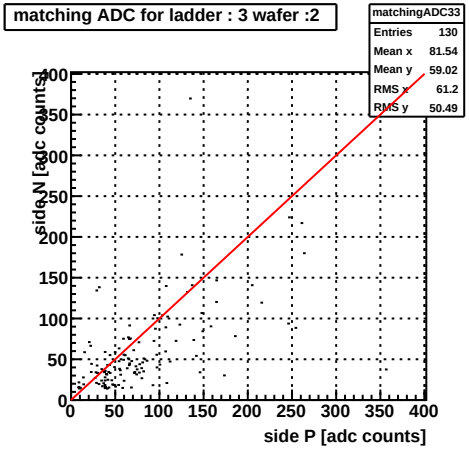

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 237
Mean x 53.63
Mean y 50.59
RMS x 56.17
RMS y 43.28
side N [adc counts]
side P [adc counts]

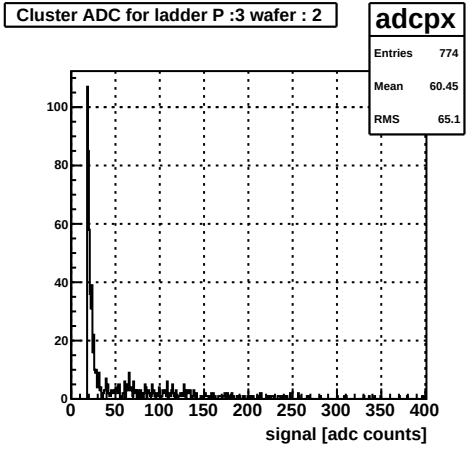

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 9323
Mean 26.46
RMS 21.98
signal [adc counts]

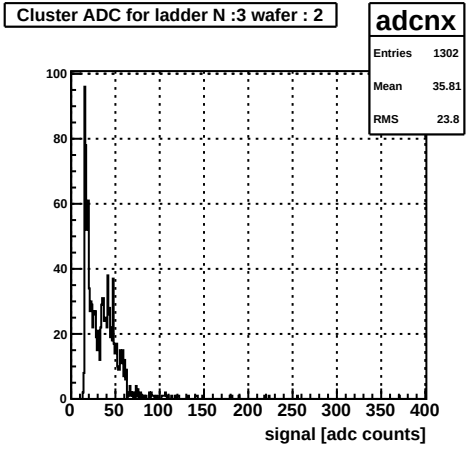

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1470
Mean 32.87
RMS 23.26
signal [adc counts]

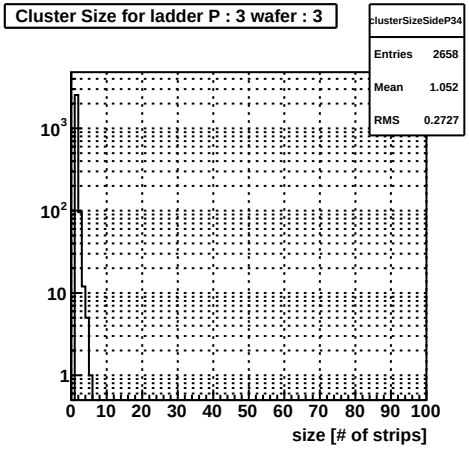

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 774
Mean 1.273
RMS 0.6344
size [# of strips]

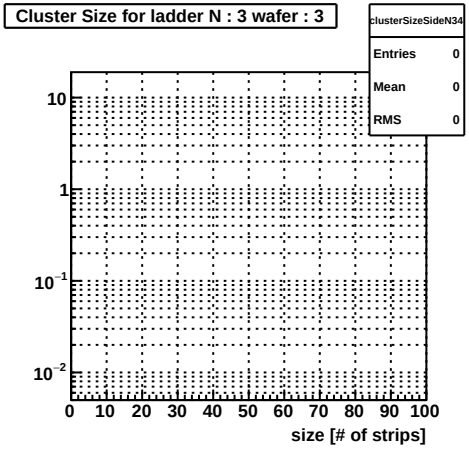

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1302
Mean 1.087
RMS 0.4122
size [# of strips]

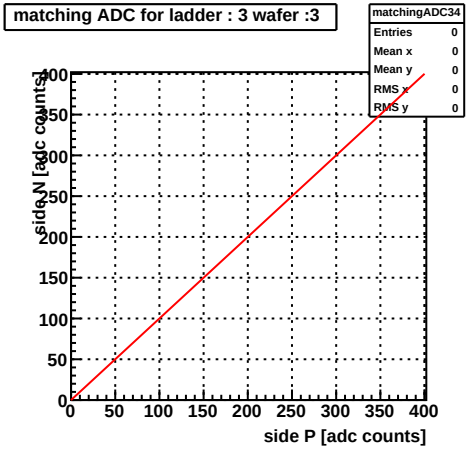

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 130
Mean x 81.54
Mean y 59.02
RMS x 61.2
RMS y 50.49
side N [adc counts]
side P [adc counts]

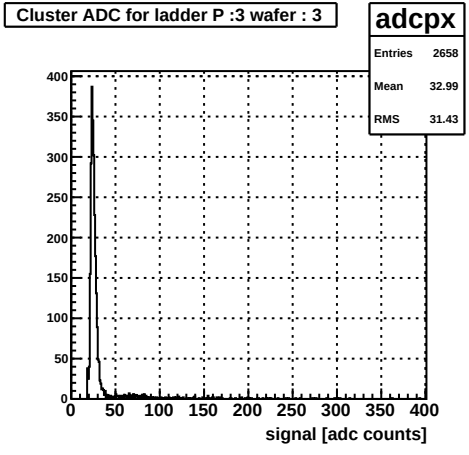

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 774
Mean 60.45
RMS 65.1
signal [adc counts]

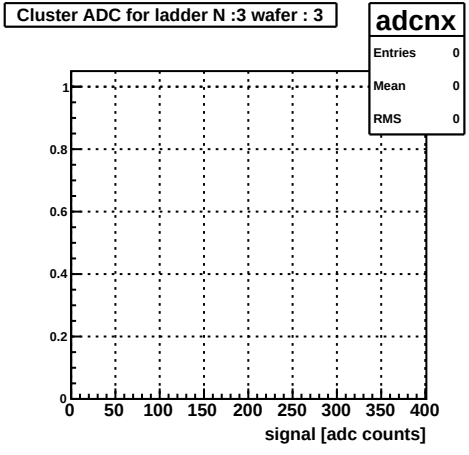

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1302
Mean 35.81
RMS 23.8
signal [adc counts]

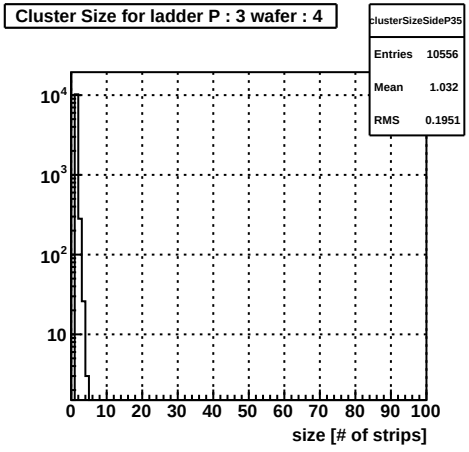

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2658
Mean 1.052
RMS 0.2727
size [# of strips]

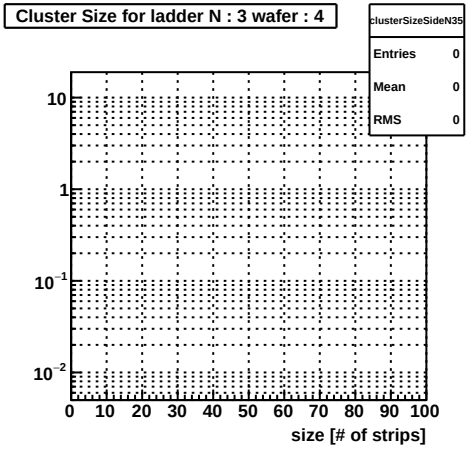

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

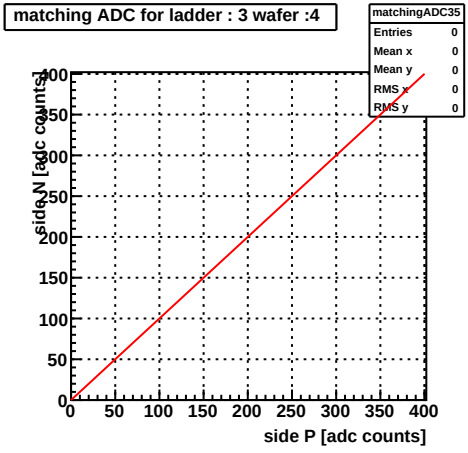

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

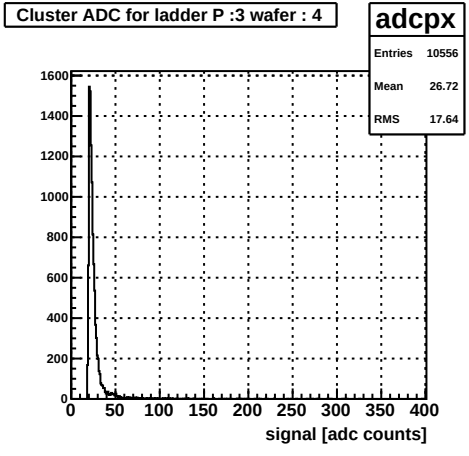

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2658
Mean 32.99
RMS 31.43
signal [adc counts]

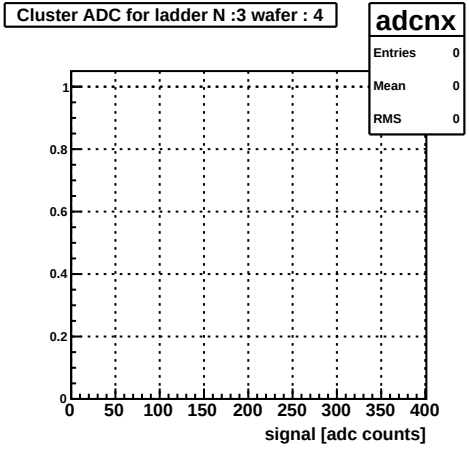

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

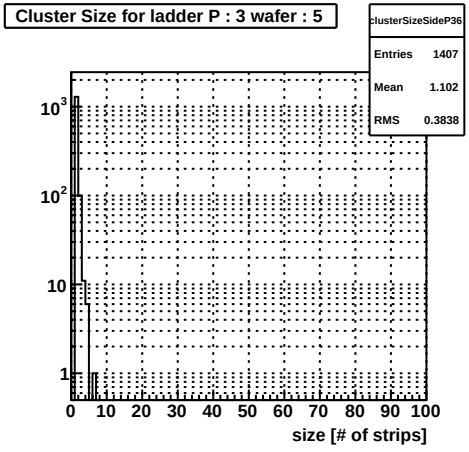

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 10556
Mean 1.032
RMS 0.1951
size [# of strips]

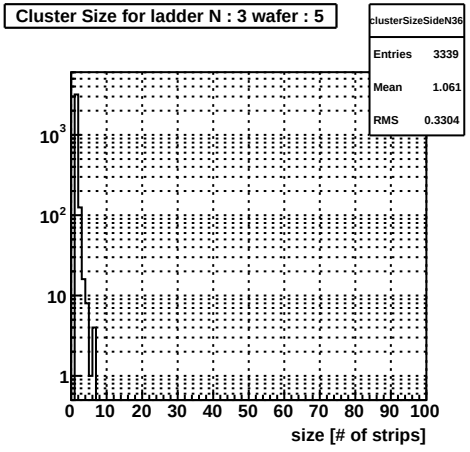

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

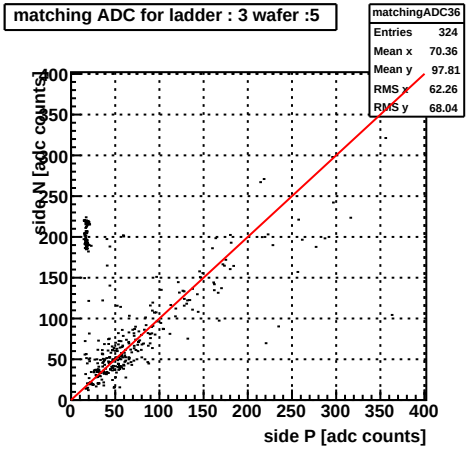

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

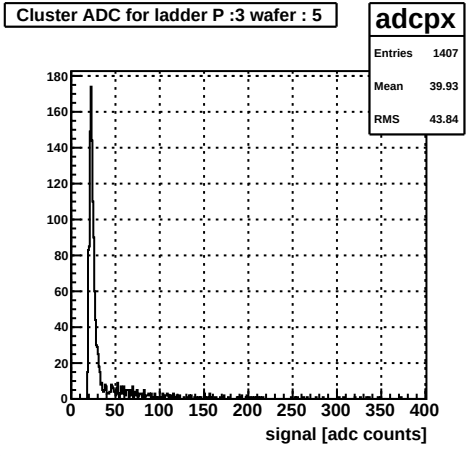

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 10556
Mean 26.72
RMS 17.64
signal [adc counts]

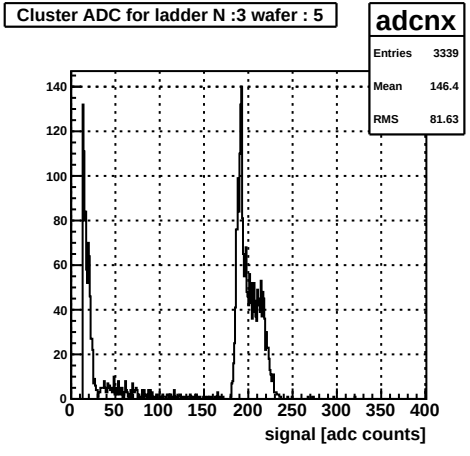

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

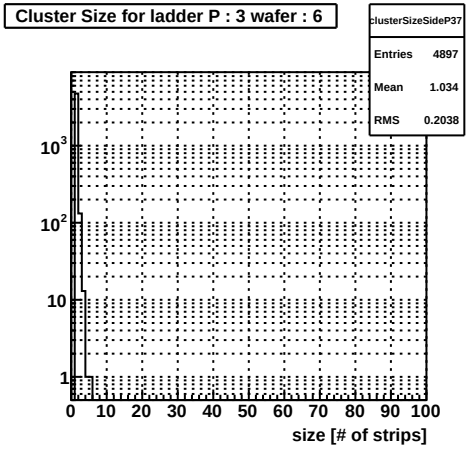

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1407
Mean 1.102
RMS 0.3838
size [# of strips]

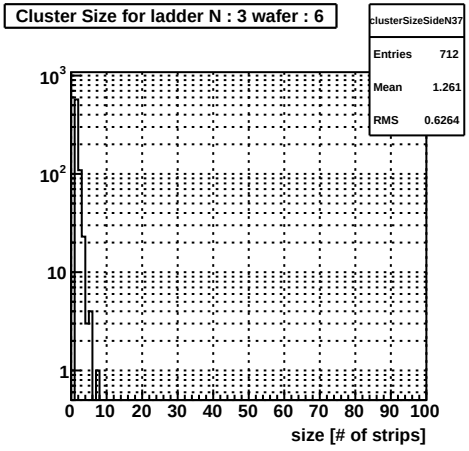

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3339
Mean 1.061
RMS 0.3304
size [# of strips]

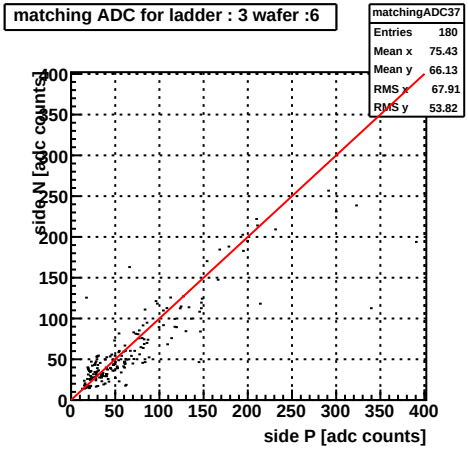

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 324
Mean x 70.36
Mean y 97.81
RMS x 62.26
RMS y 68.04
side N [adc counts]
side P [adc counts]

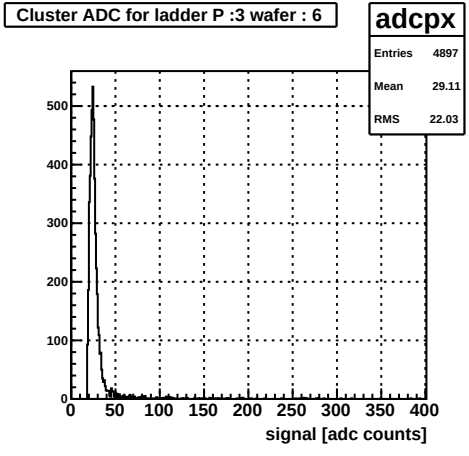

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1407
Mean 39.93
RMS 43.84
signal [adc counts]

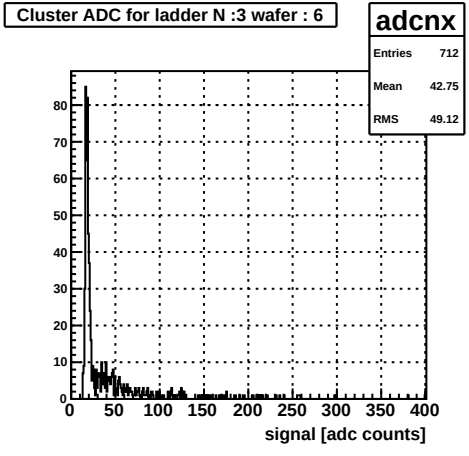

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3339
Mean 146.4
RMS 81.63
signal [adc counts]

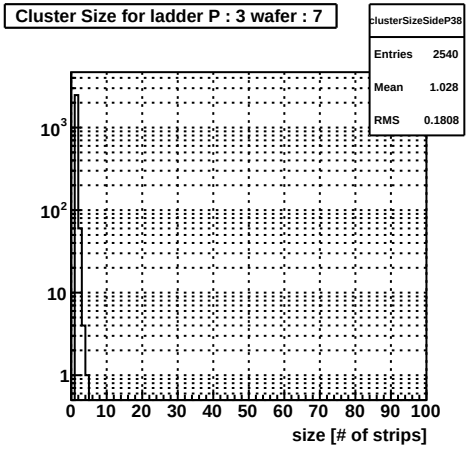

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4897
Mean 1.034
RMS 0.2038
size [# of strips]

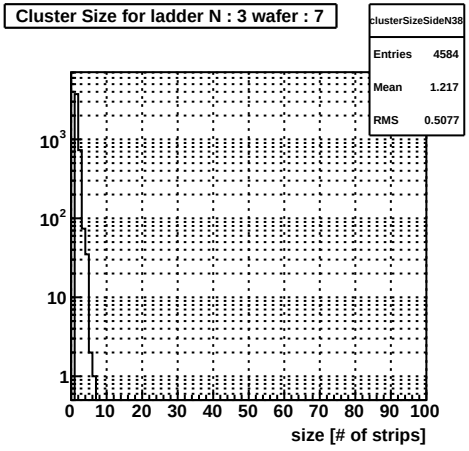

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 712
Mean 1.261
RMS 0.6264
size [# of strips]

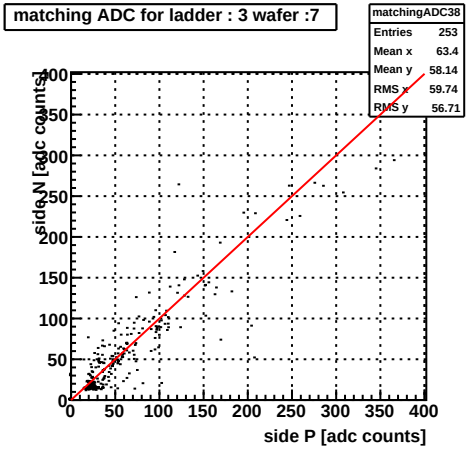

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 180
Mean x 75.43
Mean y 66.13
RMS x 67.91
RMS y 53.82
side N [adc counts]
side P [adc counts]

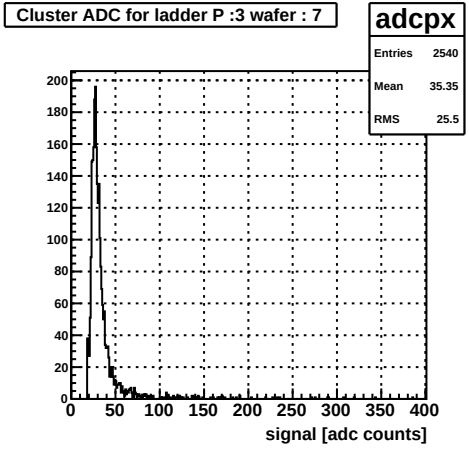

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4897
Mean 29.11
RMS 22.03
signal [adc counts]

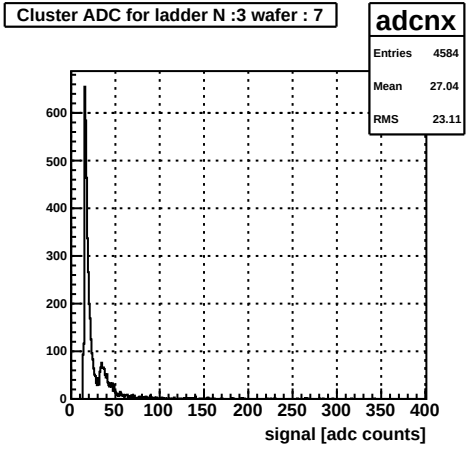

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 712
Mean 42.75
RMS 49.12
signal [adc counts]

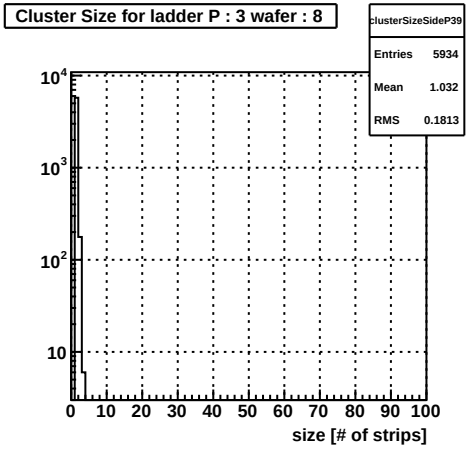

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2540
Mean 1.028
RMS 0.1808
size [# of strips]

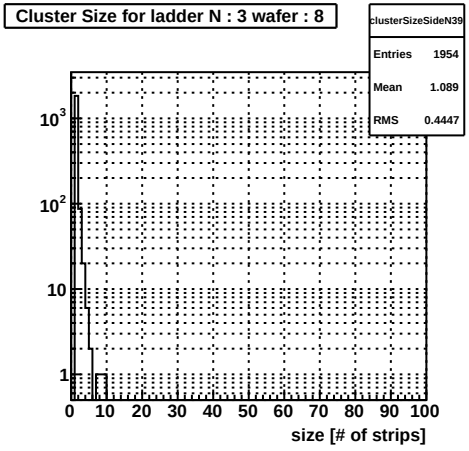

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 4584
Mean 1.217
RMS 0.5077
size [# of strips]

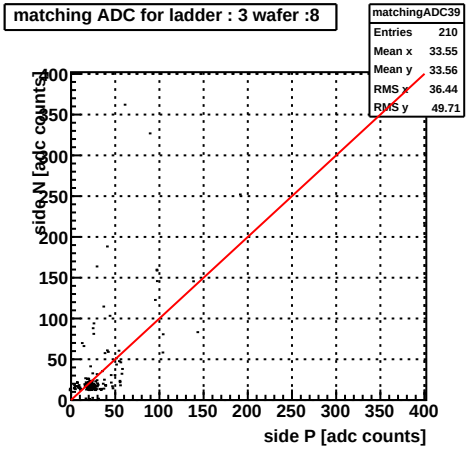

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 253
Mean x 63.4
Mean y 58.14
RMS x 59.74
RMS y 56.71
side N [adc counts]
side P [adc counts]

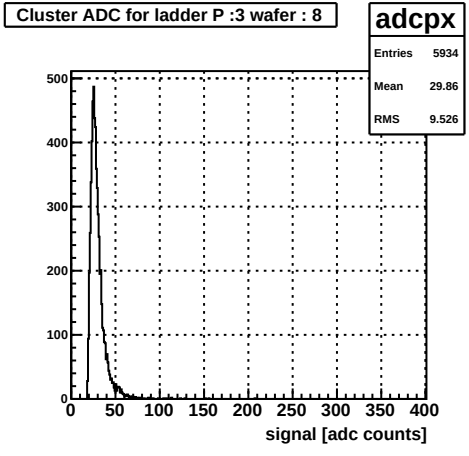

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2540
Mean 35.35
RMS 25.5
signal [adc counts]

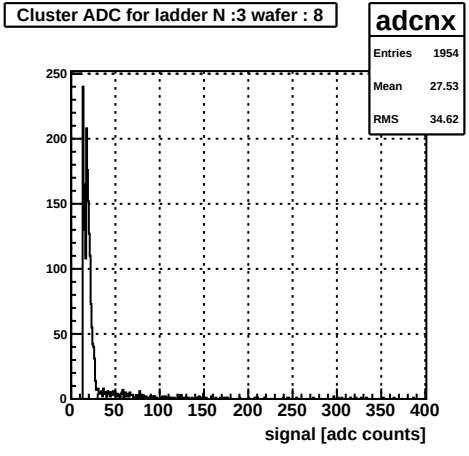

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 4584
Mean 27.04
RMS 23.11
signal [adc counts]

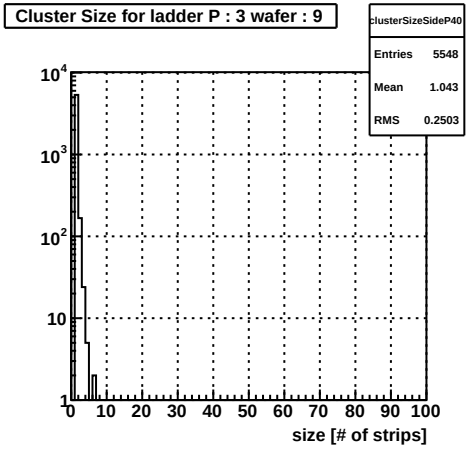

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5934
Mean 1.032
RMS 0.1813
size [# of strips]

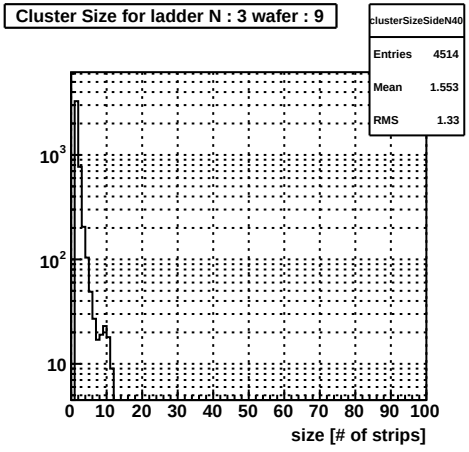

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1954
Mean 1.089
RMS 0.4447
size [# of strips]

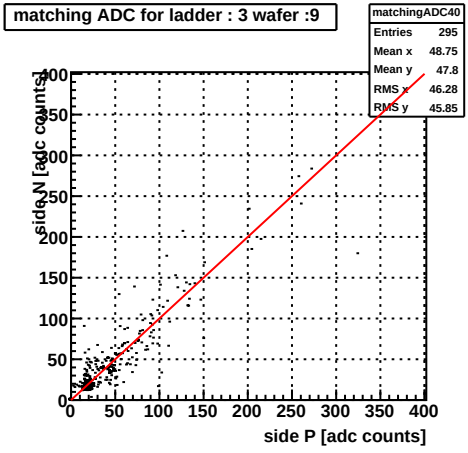

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 210
Mean x 33.55
Mean y 33.56
RMS x 36.44
RMS y 49.71
side N [adc counts]
side P [adc counts]

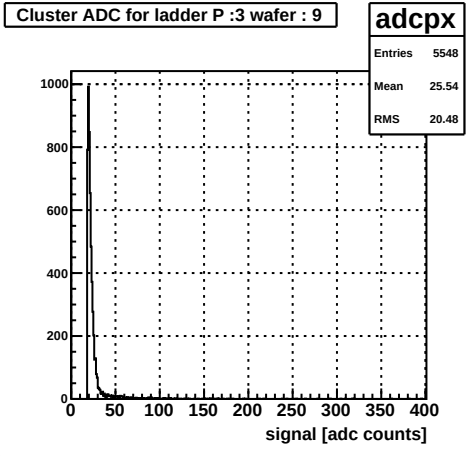

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5934
Mean 29.86
RMS 9.526
signal [adc counts]

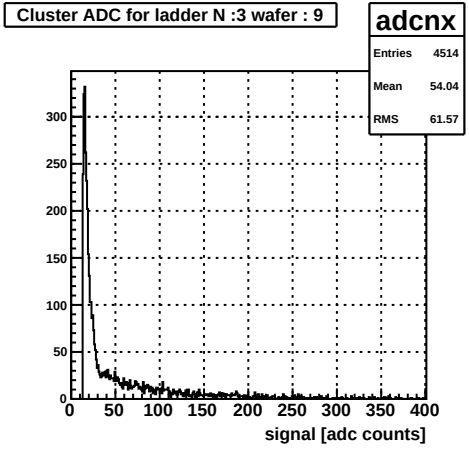

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1954
Mean 27.53
RMS 34.62
signal [adc counts]

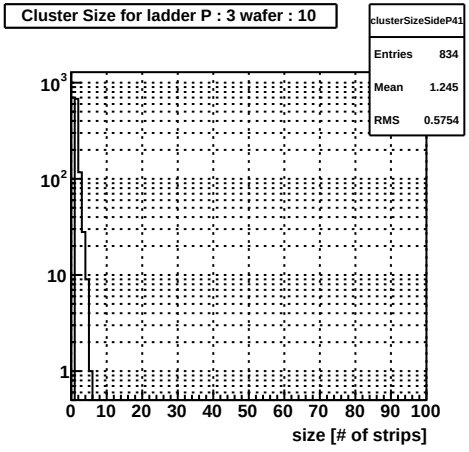

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 5548
Mean 1.043
RMS 0.2503
size [# of strips]

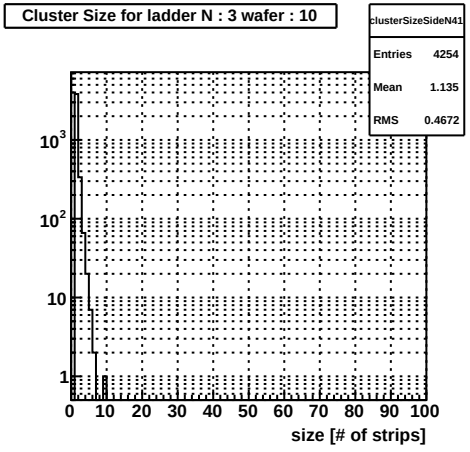

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 4514
Mean 1.553
RMS 1.33
size [# of strips]

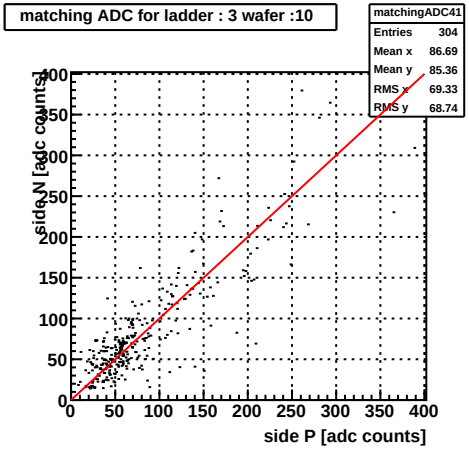

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 295
Mean x 48.75
Mean y 47.8
RMS x 46.28
RMS y 45.85
side N [adc counts]
side P [adc counts]

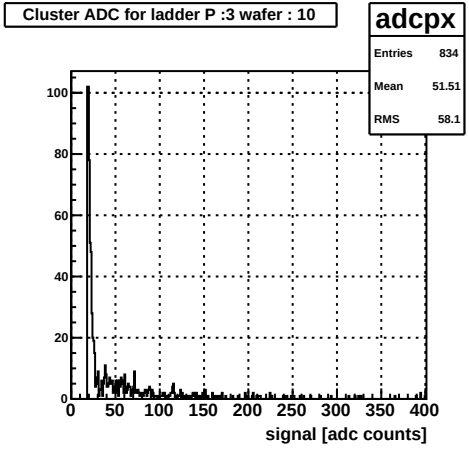

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 5548
Mean 25.54
RMS 20.48
signal [adc counts]

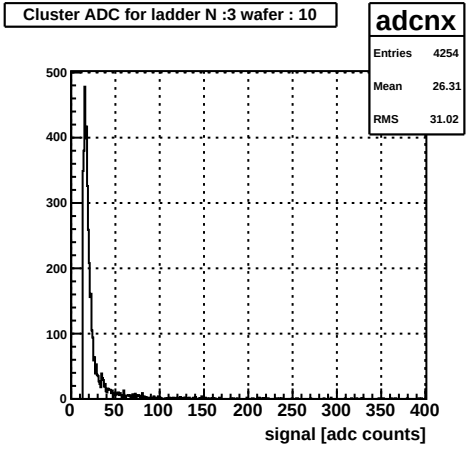

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 4514
Mean 54.04
RMS 61.57
signal [adc counts]

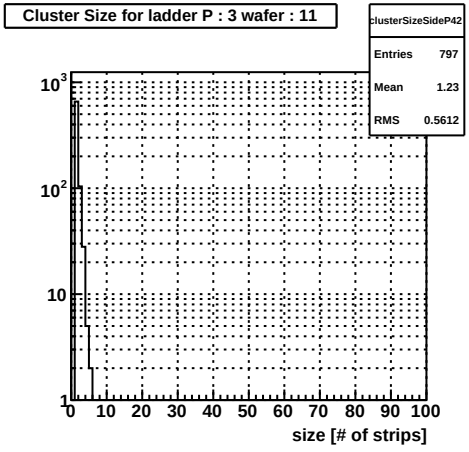

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 834
Mean 1.245
RMS 0.5754
size [# of strips]

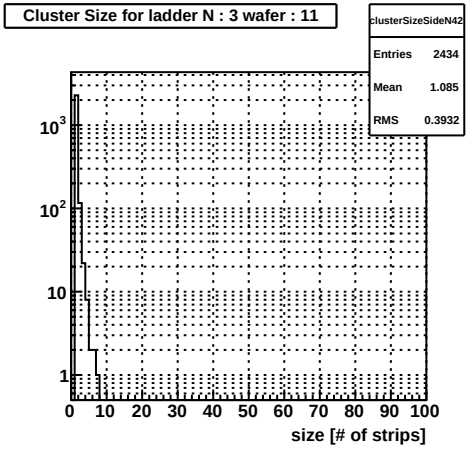

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 4254
Mean 1.135
RMS 0.4672
size [# of strips]

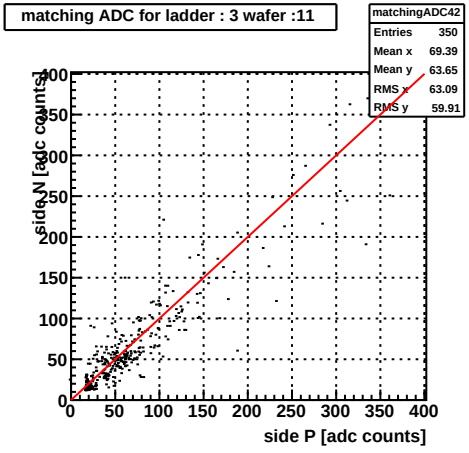

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 304
Mean x 86.69
Mean y 85.36
RMS x 69.33
RMS y 68.74
side N [adc counts]
side P [adc counts]

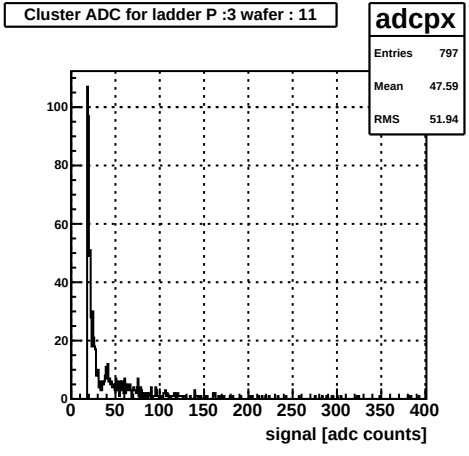

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 834
Mean 51.51
RMS 58.1
signal [adc counts]

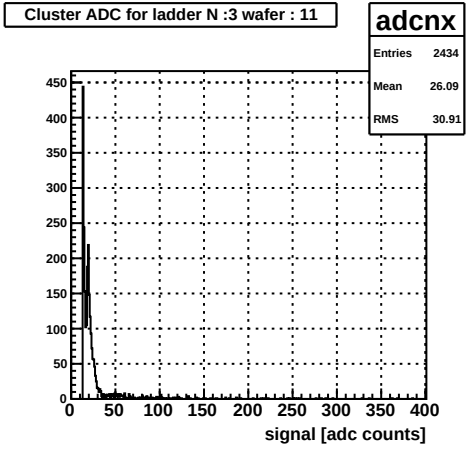

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 4254
Mean 26.31
RMS 31.02
signal [adc counts]

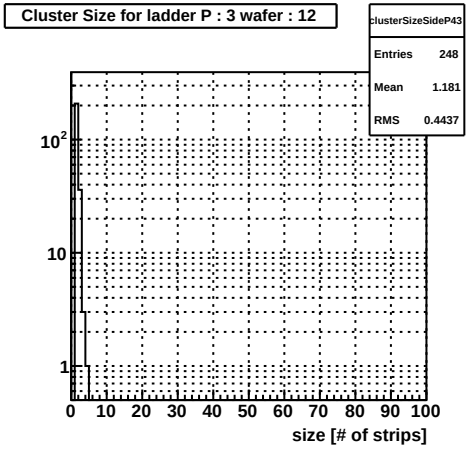

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 797
Mean 1.23
RMS 0.5612
size [# of strips]

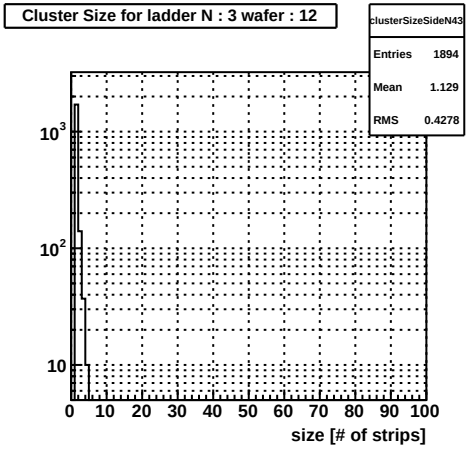

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2434
Mean 1.085
RMS 0.3932
size [# of strips]

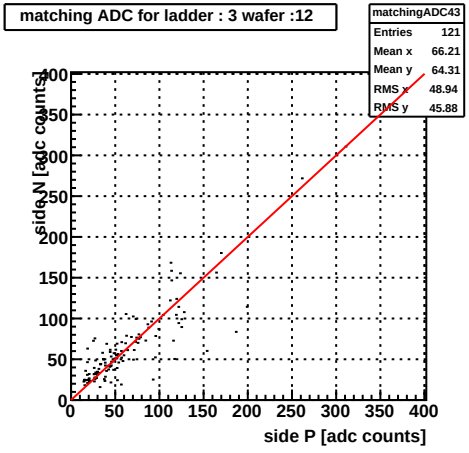

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 350
Mean x 69.39
Mean y 63.65
RMS x 63.09
RMS y 59.91
side N [adc counts]
side P [adc counts]

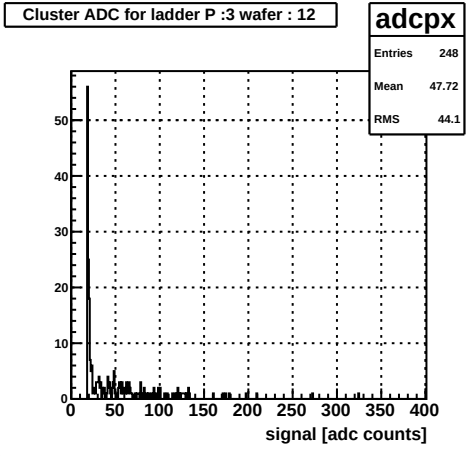

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 797
Mean 47.59
RMS 51.94
signal [adc counts]

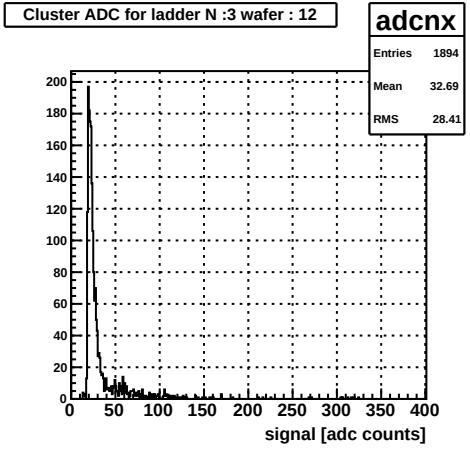

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2434
Mean 26.09
RMS 30.91
signal [adc counts]

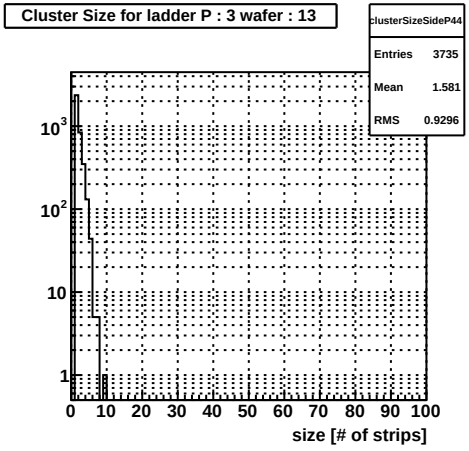

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 248
Mean 1.181
RMS 0.4437
size [# of strips]

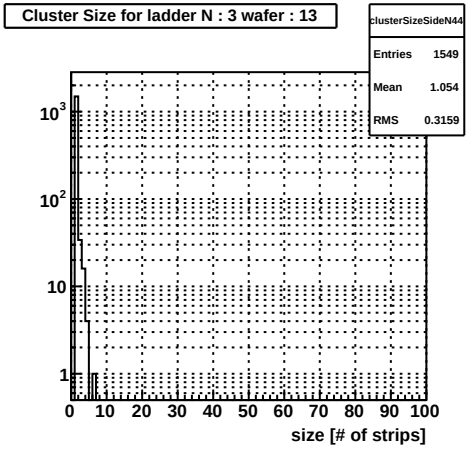

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1894
Mean 1.129
RMS 0.4278
size [# of strips]

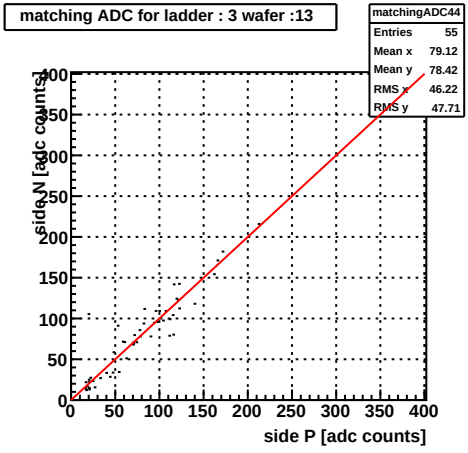

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 121
Mean x 66.21
Mean y 64.31
RMS x 48.94
RMS y 45.88
side N [adc counts]
side P [adc counts]

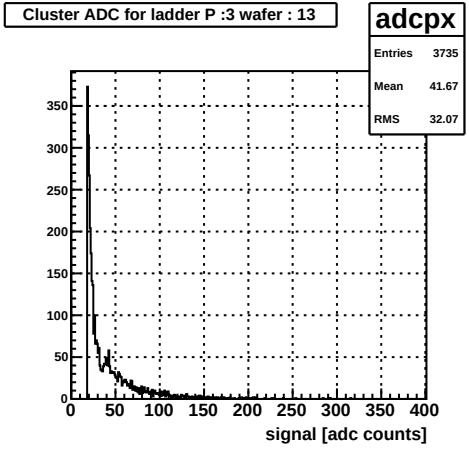

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 248
Mean 47.72
RMS 44.1
signal [adc counts]

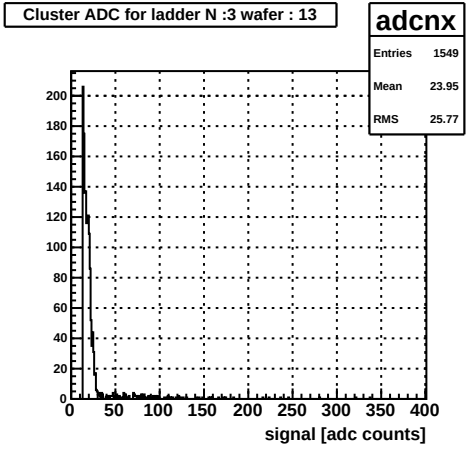

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1894
Mean 32.69
RMS 28.41
signal [adc counts]

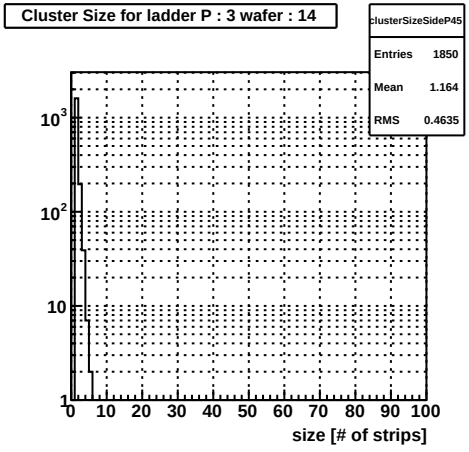

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 3735
Mean 1.581
RMS 0.9296
size [# of strips]

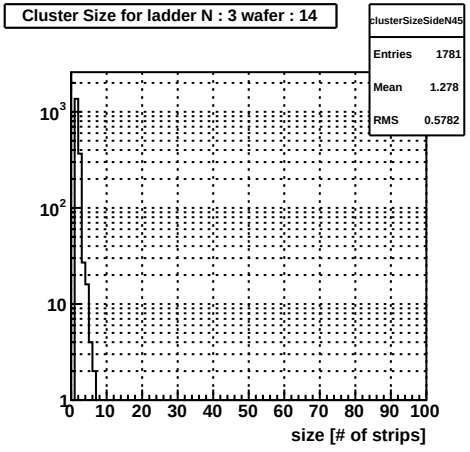

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1549
Mean 1.054
RMS 0.3159
size [# of strips]

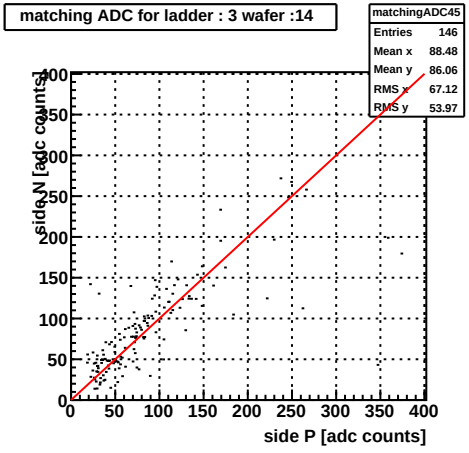

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 55
Mean x 79.12
Mean y 78.42
RMS x 46.22
RMS y 47.71
side N [adc counts]
side P [adc counts]

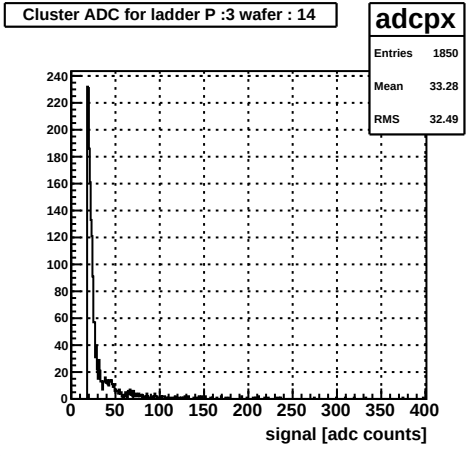

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 3735
Mean 41.67
RMS 32.07
signal [adc counts]

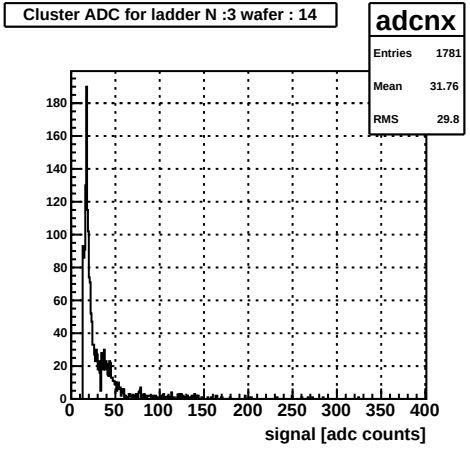

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1549
Mean 23.95
RMS 25.77
signal [adc counts]

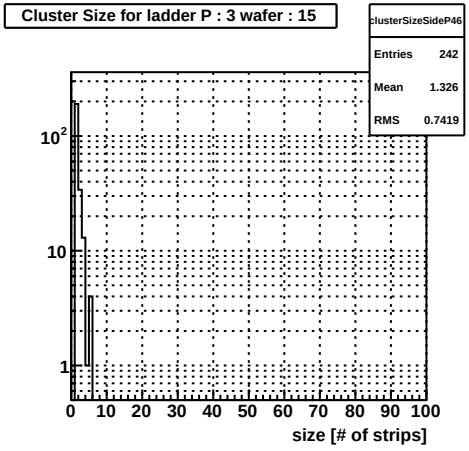

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1850
Mean 1.164
RMS 0.4635
size [# of strips]

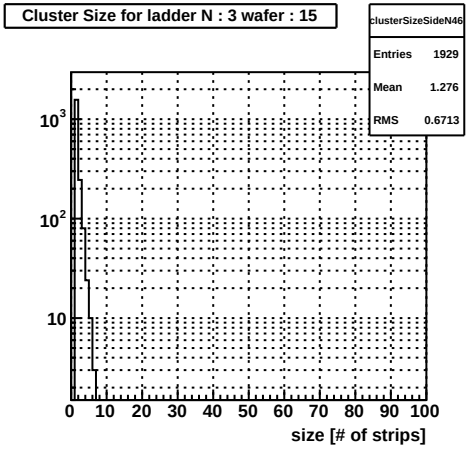

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1781
Mean 1.278
RMS 0.5782
size [# of strips]

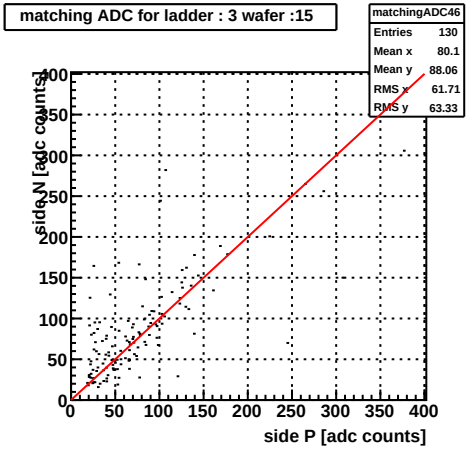

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 146
Mean x 88.48
Mean y 86.06
RMS x 67.12
RMS y 53.97
side N [adc counts]
side P [adc counts]

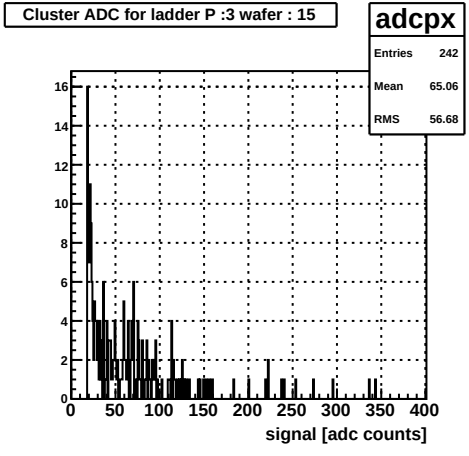

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1850
Mean 33.28
RMS 32.49
signal [adc counts]

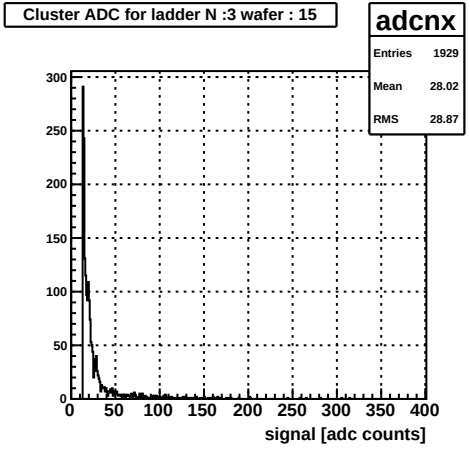

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1781
Mean 31.76
RMS 29.8
signal [adc counts]

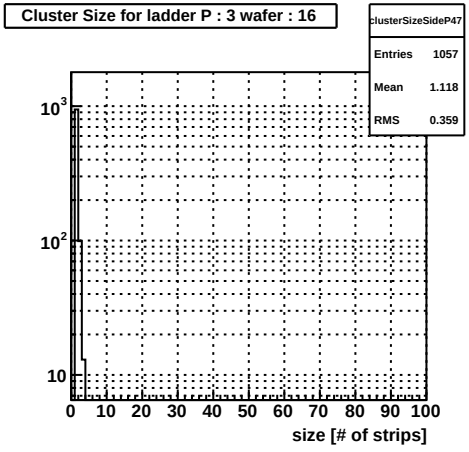

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 242
Mean 1.326
RMS 0.7419
size [# of strips]

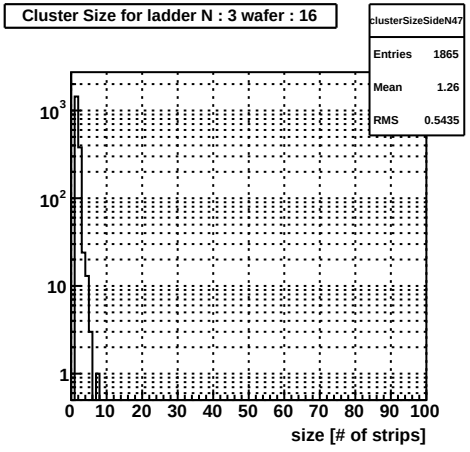

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1929
Mean 1.276
RMS 0.6713
size [# of strips]

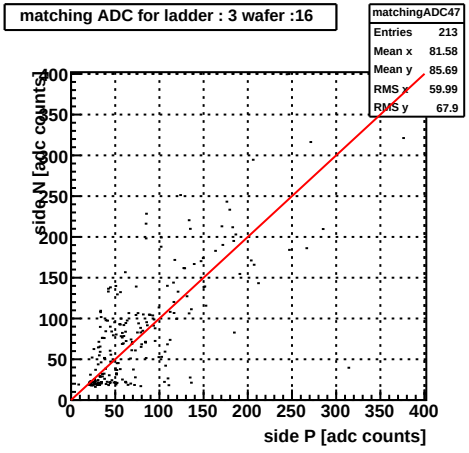

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 130
Mean x 80.1
Mean y 88.06
RMS x 61.71
RMS y 63.33
side N [adc counts]
side P [adc counts]

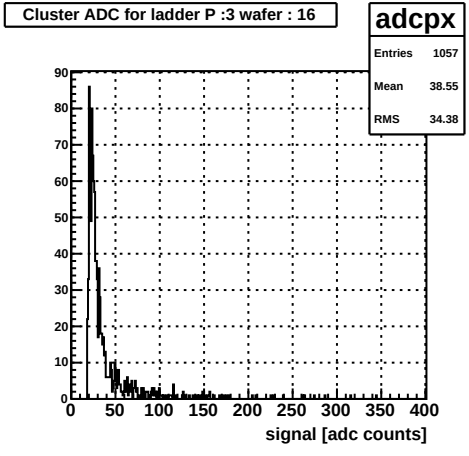

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 242
Mean 65.06
RMS 56.68
signal [adc counts]

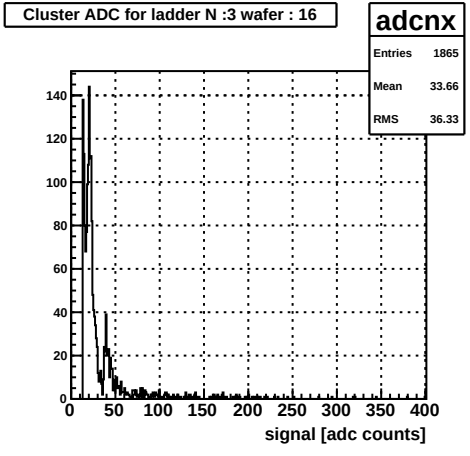

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1929
Mean 28.02
RMS 28.87
signal [adc counts]

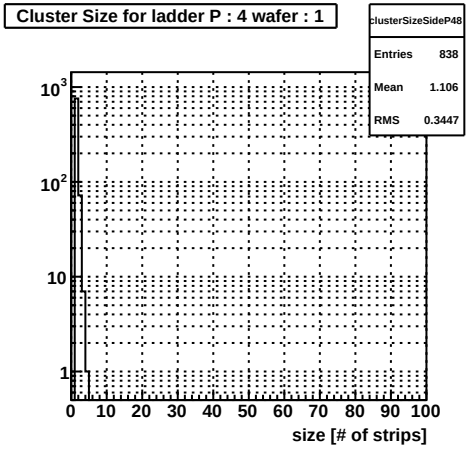

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1057
Mean 1.118
RMS 0.359
size [# of strips]

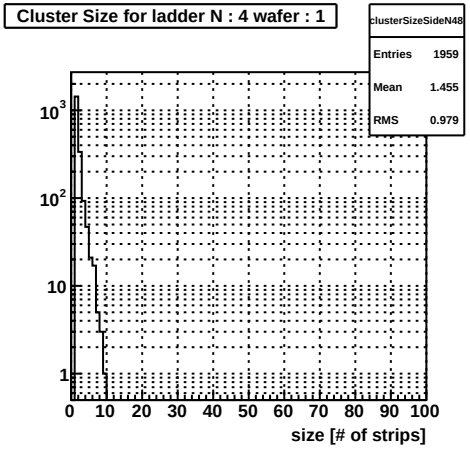

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1865
Mean 1.26
RMS 0.5435
size [# of strips]

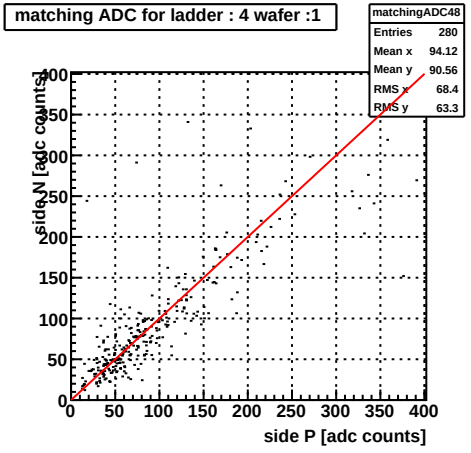

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 213
Mean x 81.58
Mean y 85.69
RMS x 59.99
RMS y 67.9
side N [adc counts]
side P [adc counts]

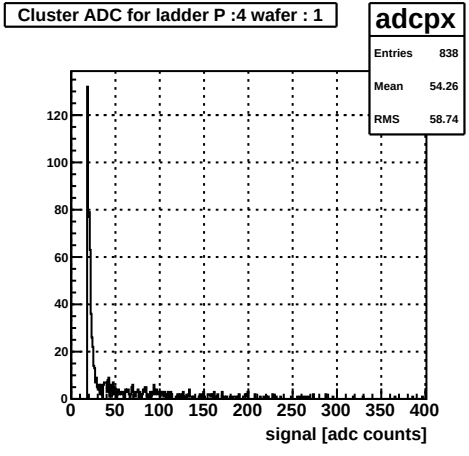

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1057
Mean 38.55
RMS 34.38
signal [adc counts]

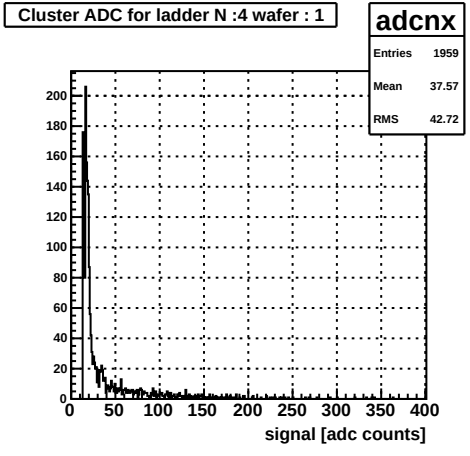

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1865
Mean 33.66
RMS 36.33
signal [adc counts]

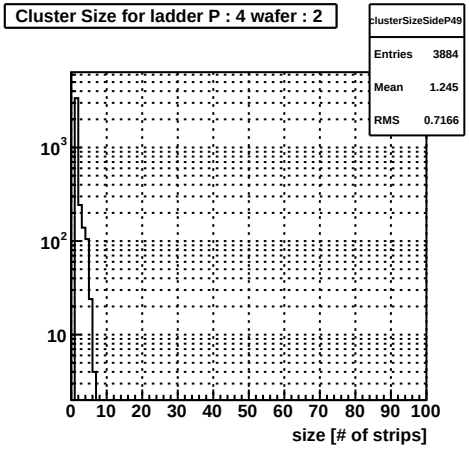

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 838
Mean 1.106
RMS 0.3447
size [# of strips]

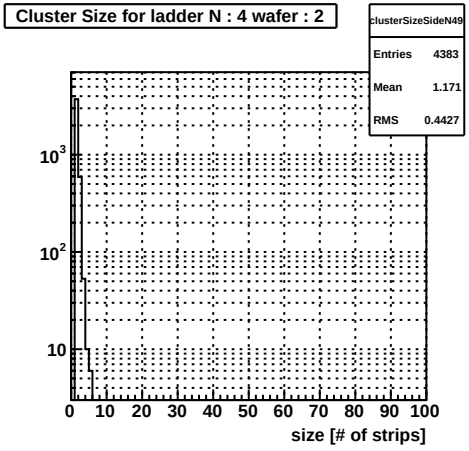

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1959
Mean 1.455
RMS 0.979
size [# of strips]

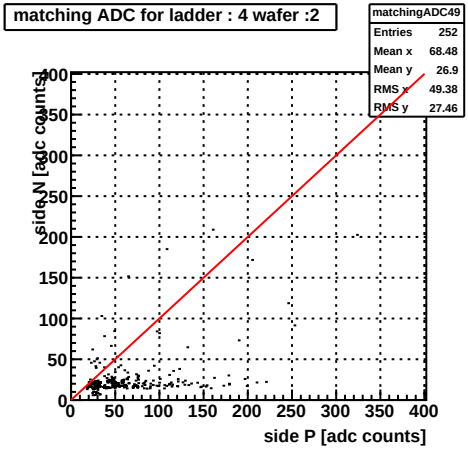

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 280
Mean x 94.12
Mean y 90.56
RMS x 68.4
RMS y 63.3
side N [adc counts]
side P [adc counts]

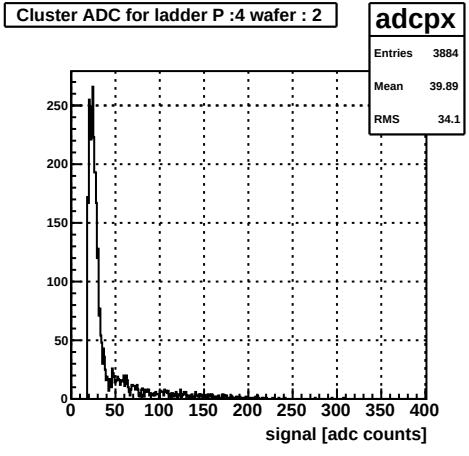

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 838
Mean 54.26
RMS 58.74
signal [adc counts]

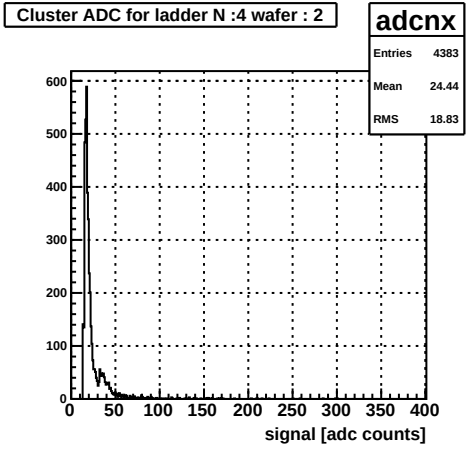

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1959
Mean 37.57
RMS 42.72
signal [adc counts]

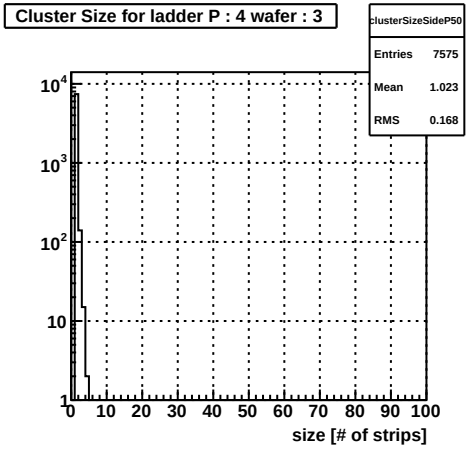

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 3884
Mean 1.245
RMS 0.7166
size [# of strips]

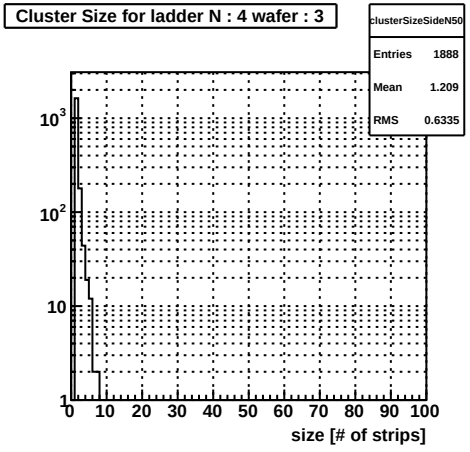

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 4383
Mean 1.171
RMS 0.4427
size [# of strips]

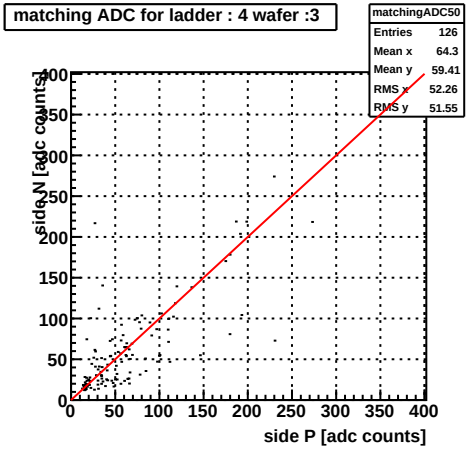

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 252
Mean x 68.48
Mean y 26.9
RMS x 49.38
RMS y 27.46
side N [adc counts]
side P [adc counts]

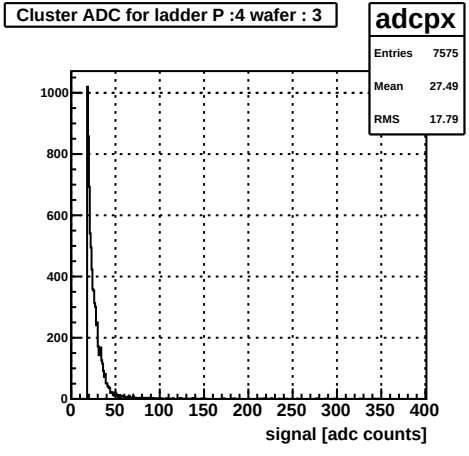

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 3884
Mean 39.89
RMS 34.1
signal [adc counts]

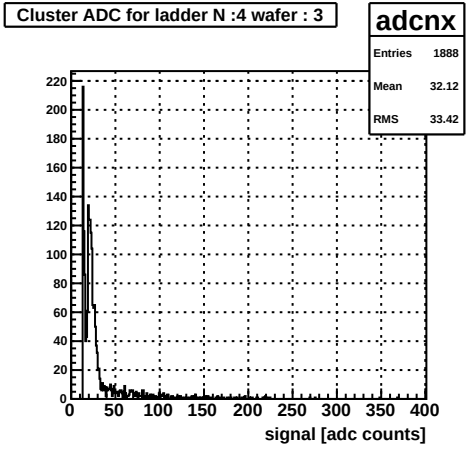

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 4383
Mean 24.44
RMS 18.83
signal [adc counts]

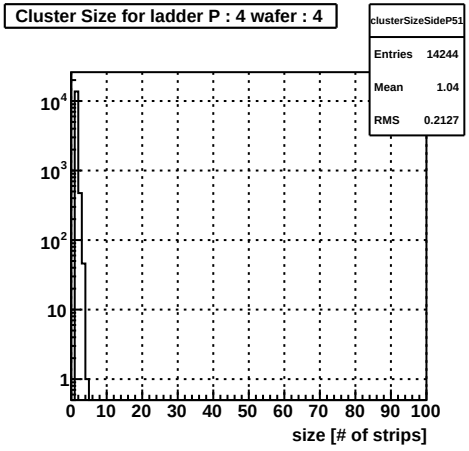

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 7575
Mean 1.023
RMS 0.168
size [# of strips]

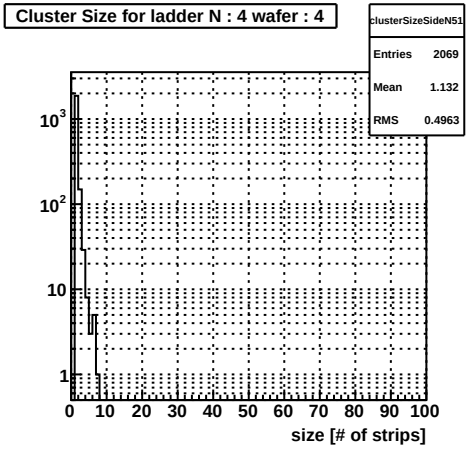

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1888
Mean 1.209
RMS 0.6335
size [# of strips]

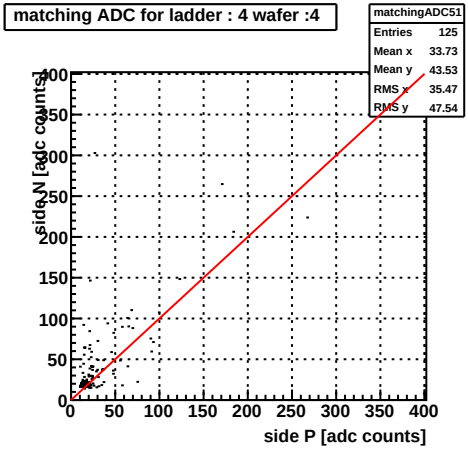

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 126
Mean x 64.3
Mean y 59.41
RMS x 52.26
RMS y 51.55
side N [adc counts]
side P [adc counts]

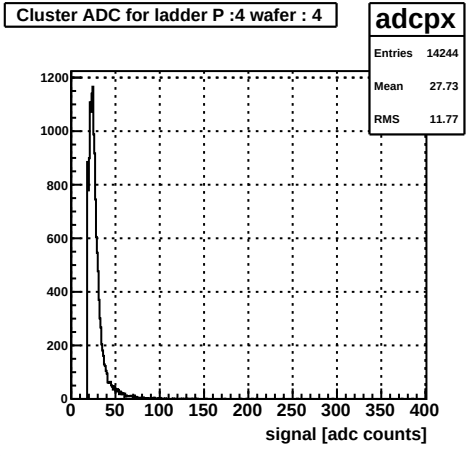

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 7575
Mean 27.49
RMS 17.79
signal [adc counts]

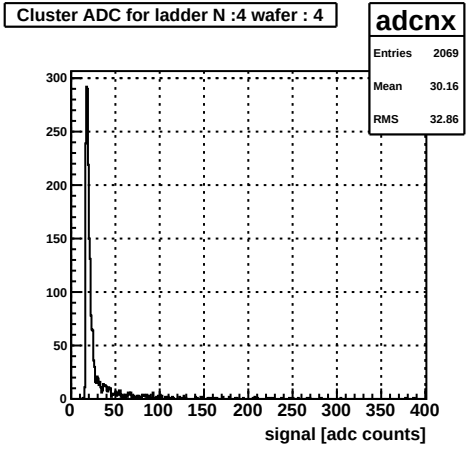

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1888
Mean 32.12
RMS 33.42
signal [adc counts]

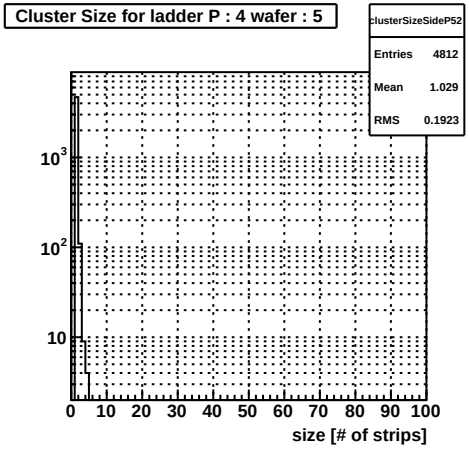

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 14244
Mean 1.04
RMS 0.2127
size [# of strips]

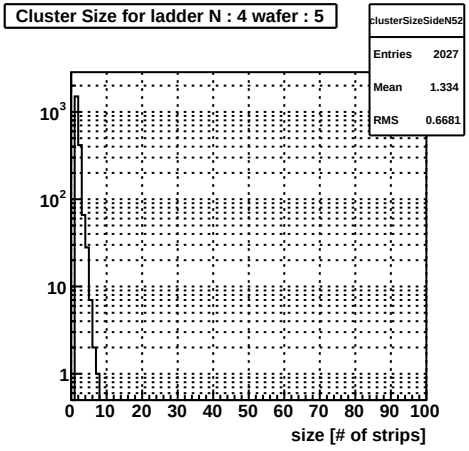

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2069
Mean 1.132
RMS 0.4963
size [# of strips]

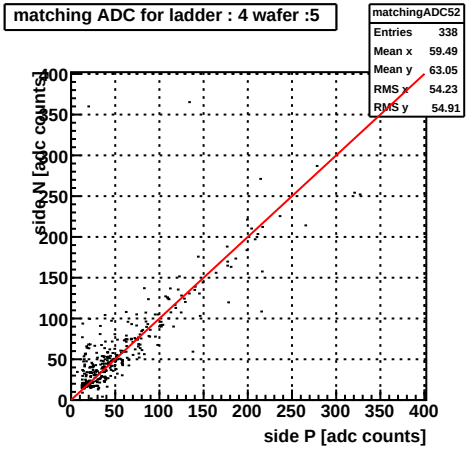

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 125
Mean x 33.73
Mean y 43.53
RMS x 35.47
RMS y 47.54
side N [adc counts]
side P [adc counts]

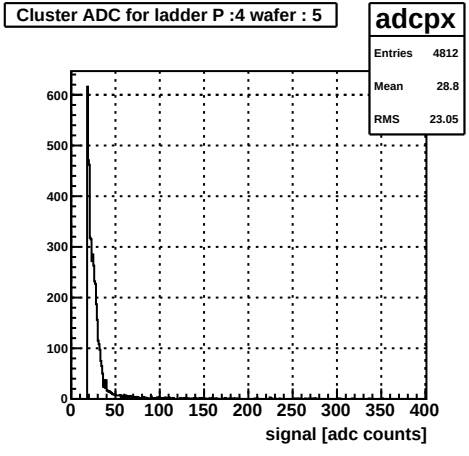

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 14244
Mean 27.73
RMS 11.77
signal [adc counts]

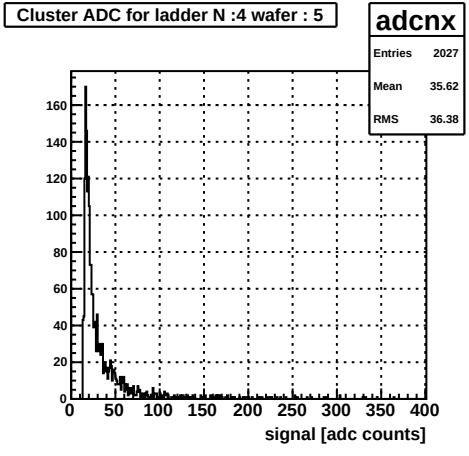

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2069
Mean 30.16
RMS 32.86
signal [adc counts]

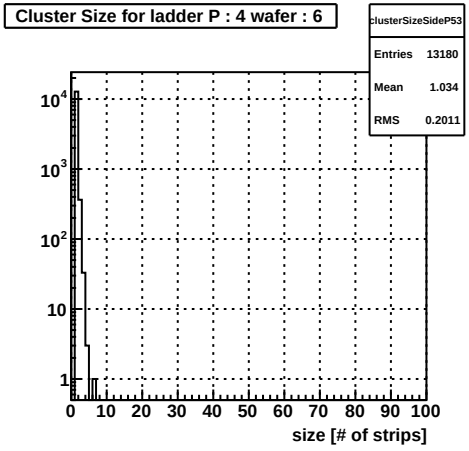

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 4812
Mean 1.029
RMS 0.1923
size [# of strips]

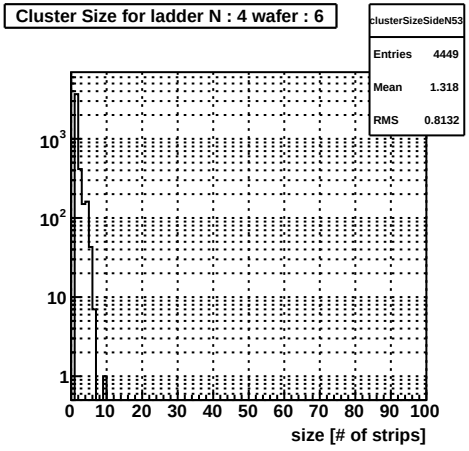

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2027
Mean 1.334
RMS 0.6681
size [# of strips]

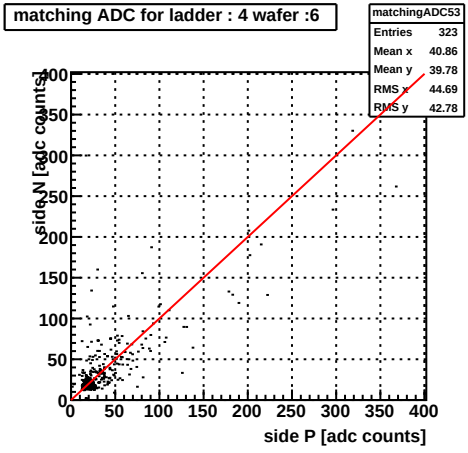

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 338
Mean x 59.49
Mean y 63.05
RMS x 54.23
RMS y 54.91
side N [adc counts]
side P [adc counts]

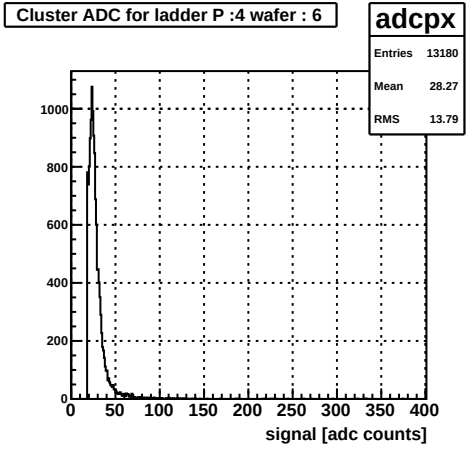

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 4812
Mean 28.8
RMS 23.05
signal [adc counts]

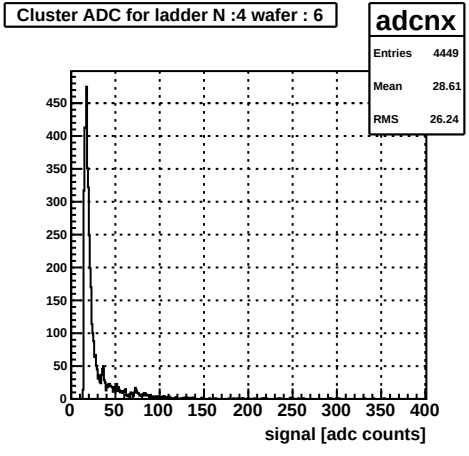

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2027
Mean 35.62
RMS 36.38
signal [adc counts]

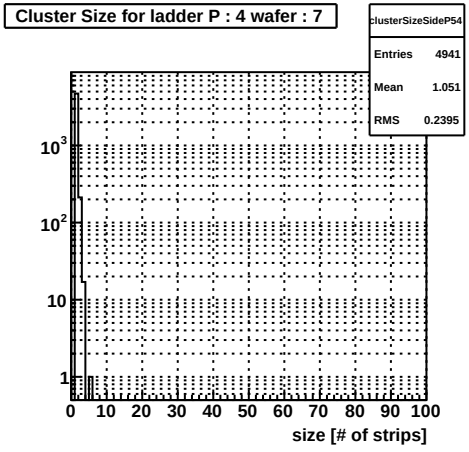

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 13180
Mean 1.034
RMS 0.2011
size [# of strips]

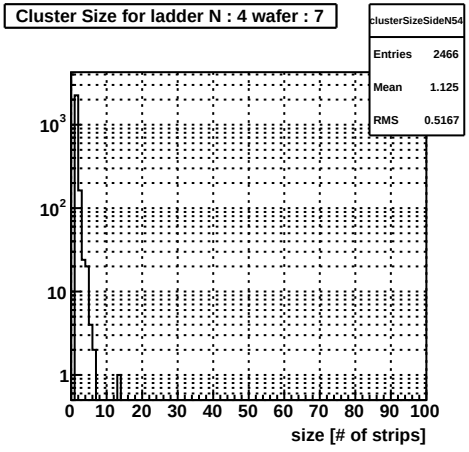

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 4449
Mean 1.318
RMS 0.8132
size [# of strips]

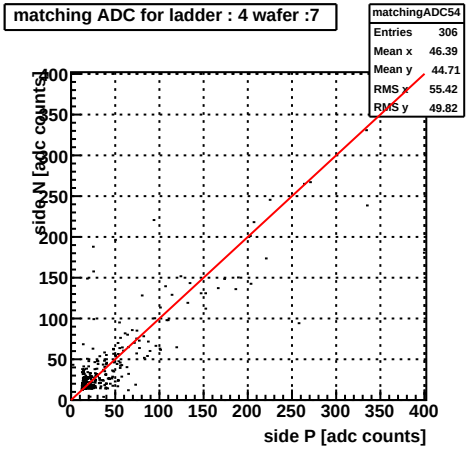

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 323
Mean x 40.86
Mean y 39.78
RMS x 44.69
RMS y 42.78
side N [adc counts]
side P [adc counts]

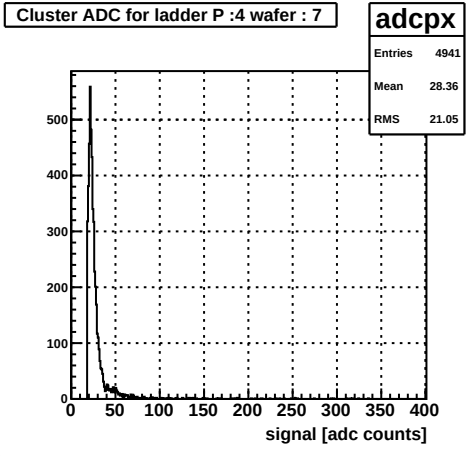

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 13180
Mean 28.27
RMS 13.79
signal [adc counts]

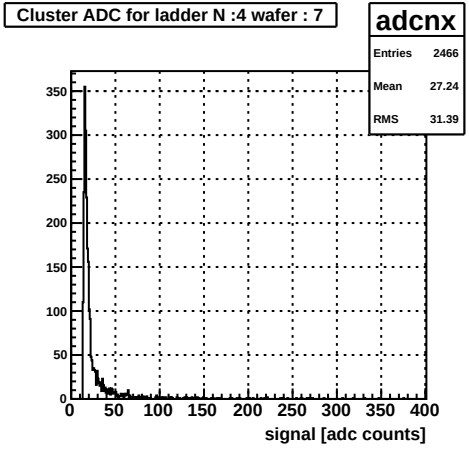

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 4449
Mean 28.61
RMS 26.24
signal [adc counts]

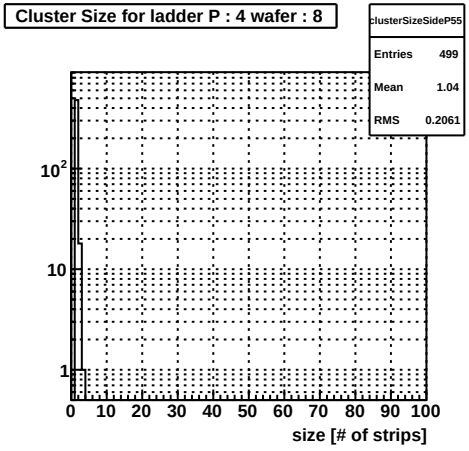

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4941
Mean 1.051
RMS 0.2395
size [# of strips]

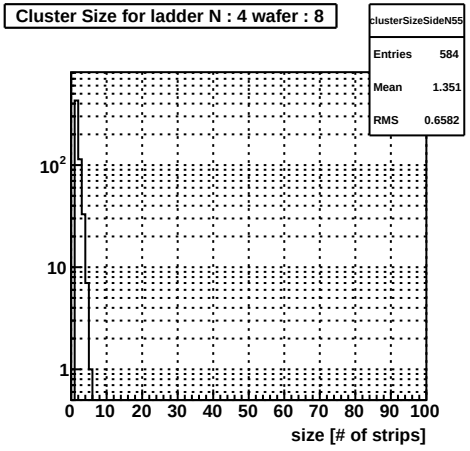

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 2466
Mean 1.125
RMS 0.5167
size [# of strips]

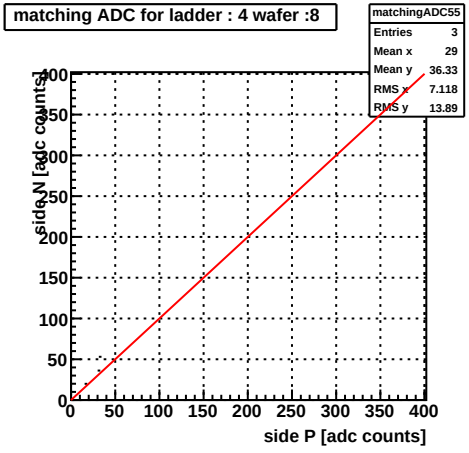

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 306
Mean x 46.39
Mean y 44.71
RMS x 55.42
RMS y 49.82
side N [adc counts]
side P [adc counts]

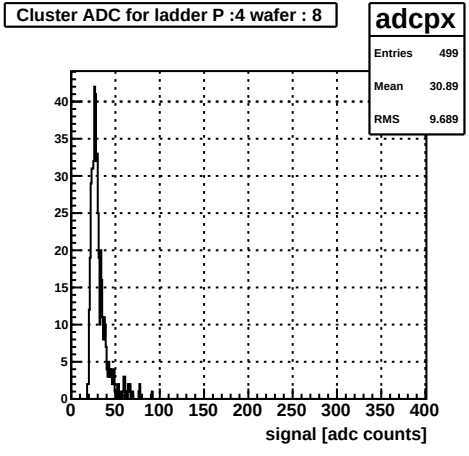

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4941
Mean 28.36
RMS 21.05
signal [adc counts]

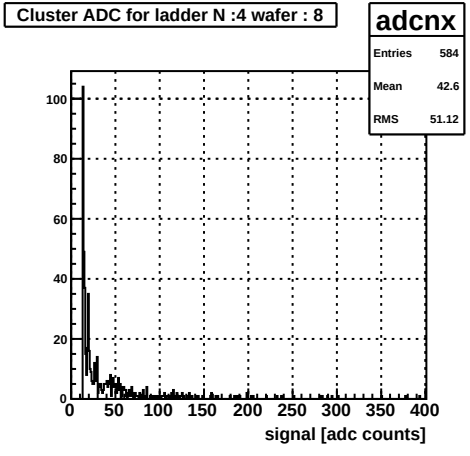

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 2466
Mean 27.24
RMS 31.39
signal [adc counts]

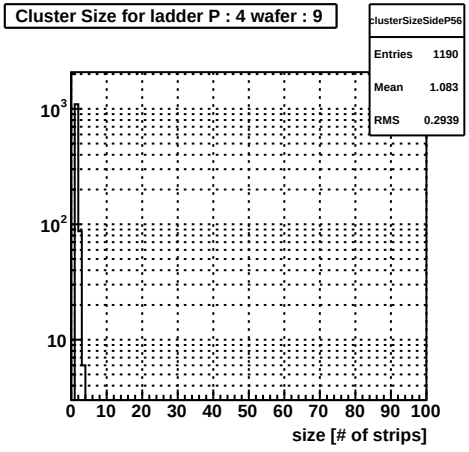

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 499
Mean 1.04
RMS 0.2061
size [# of strips]

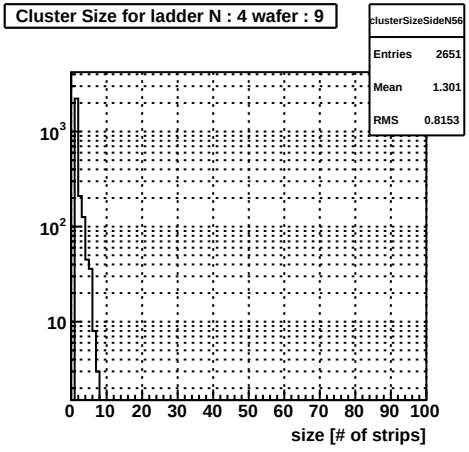

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 584
Mean 1.351
RMS 0.6582
size [# of strips]

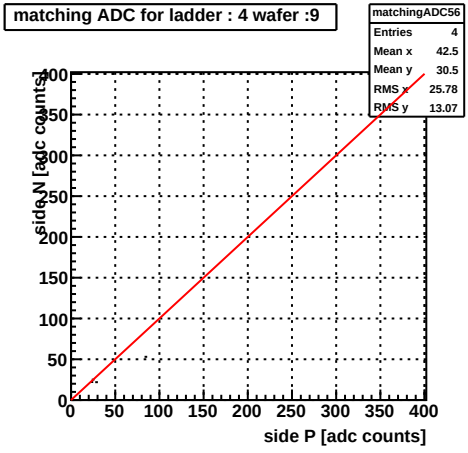

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 29
Mean y 36.33
RMS x 7.118
RMS y 13.89
side N [adc counts]
side P [adc counts]

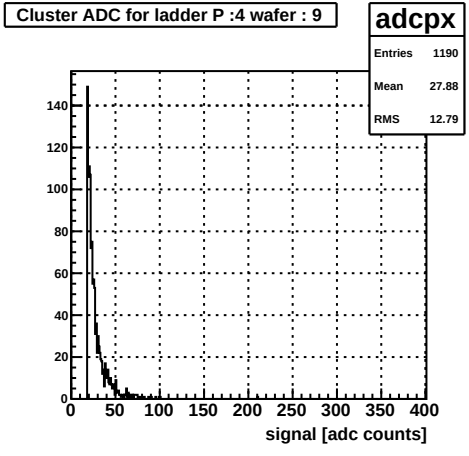

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 499
Mean 30.89
RMS 9.689
signal [adc counts]

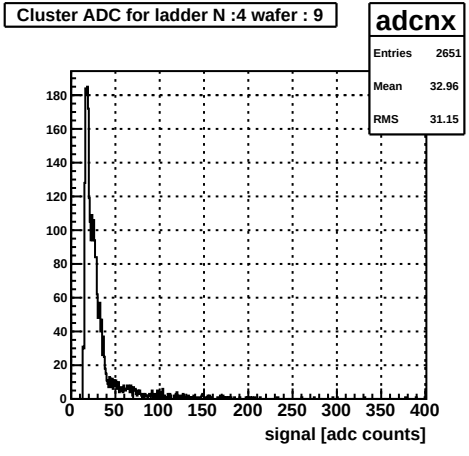

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 584
Mean 42.6
RMS 51.12
signal [adc counts]

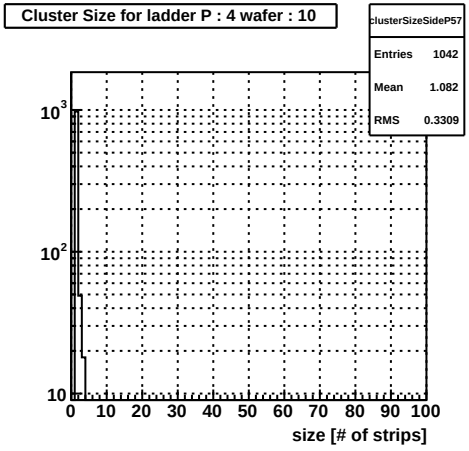

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1190
Mean 1.083
RMS 0.2939
size [# of strips]

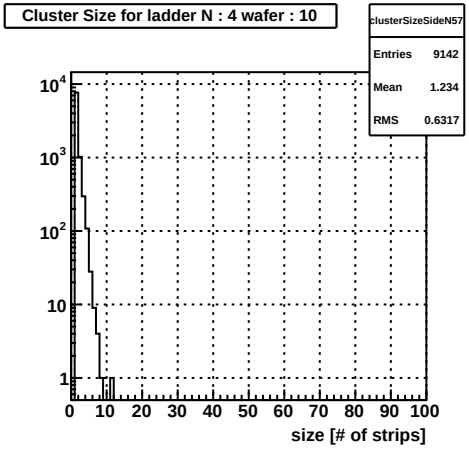

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 2651
Mean 1.301
RMS 0.8153
size [# of strips]

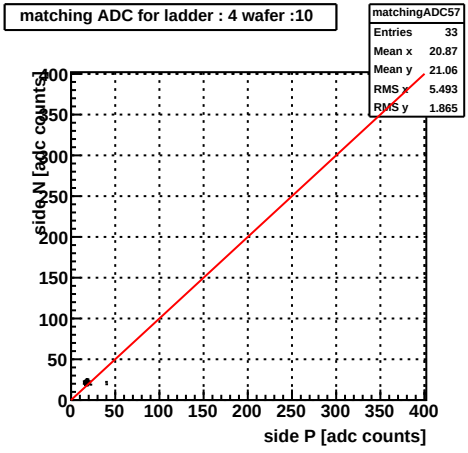

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 4
Mean x 42.5
Mean y 30.5
RMS x 25.78
RMS y 13.07
side N [adc counts]
side P [adc counts]

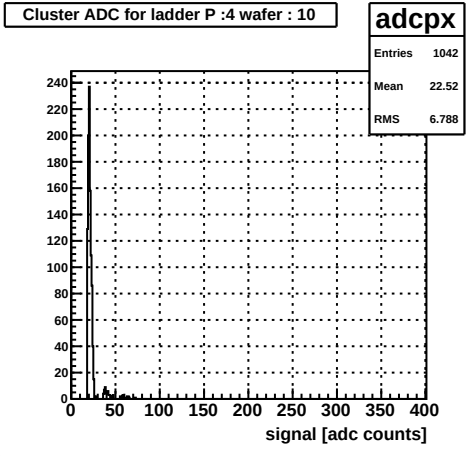

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1190
Mean 27.88
RMS 12.79
signal [adc counts]

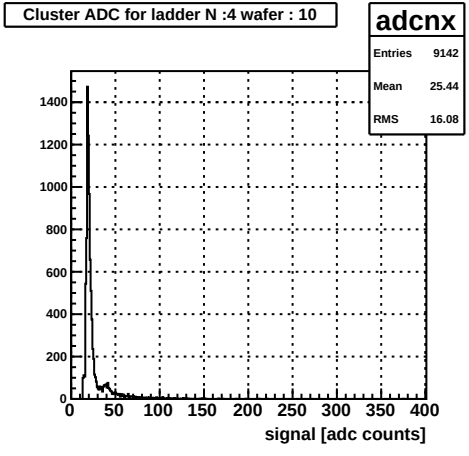

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 2651
Mean 32.96
RMS 31.15
signal [adc counts]

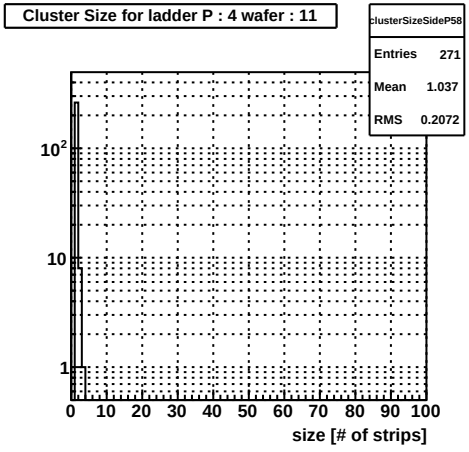

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1042
Mean 1.082
RMS 0.3309
size [# of strips]

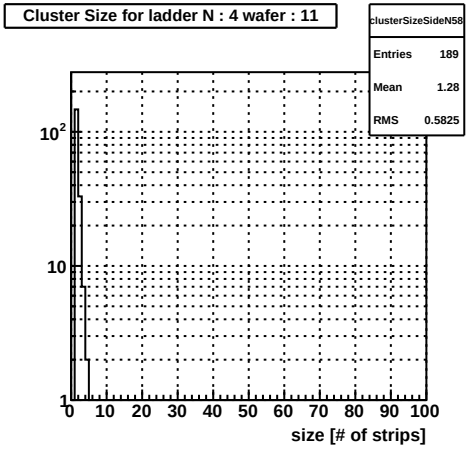

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 9142
Mean 1.234
RMS 0.6317
size [# of strips]

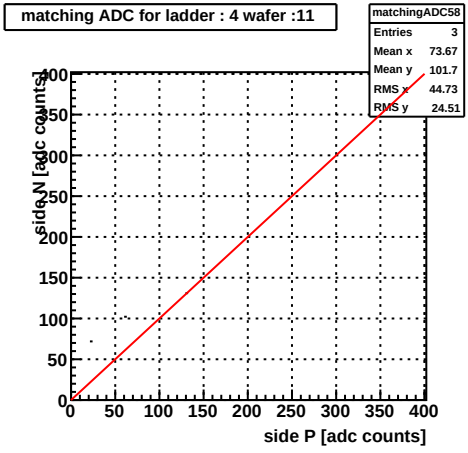

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 33
Mean x 20.87
Mean y 21.06
RMS x 5.493
RMS y 1.865
side N [adc counts]
side P [adc counts]

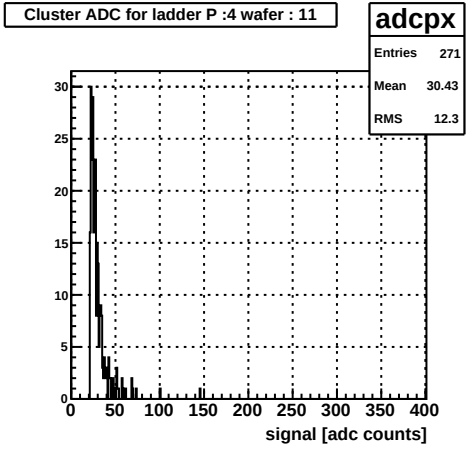

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1042
Mean 22.52
RMS 6.788
signal [adc counts]

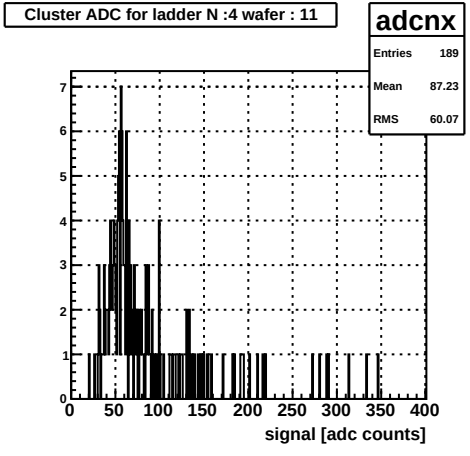

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 9142
Mean 25.44
RMS 16.08
signal [adc counts]

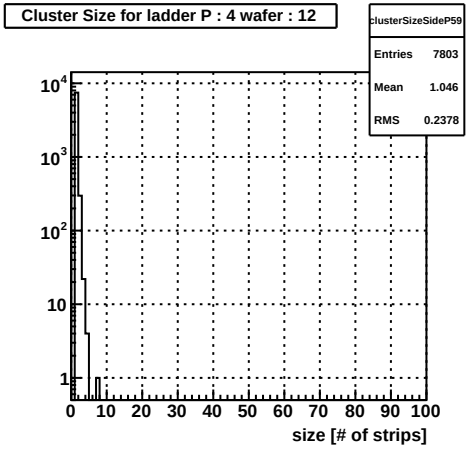

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 271
Mean 1.037
RMS 0.2072
size [# of strips]

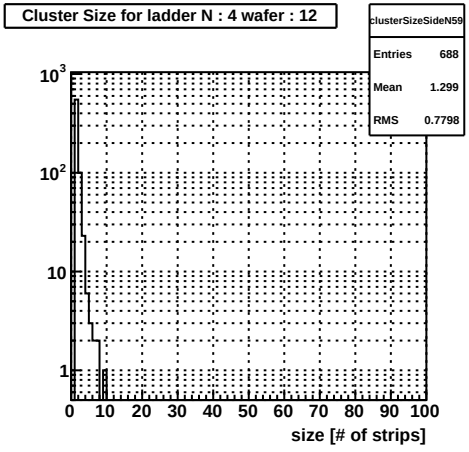

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 189
Mean 1.28
RMS 0.5825
size [# of strips]

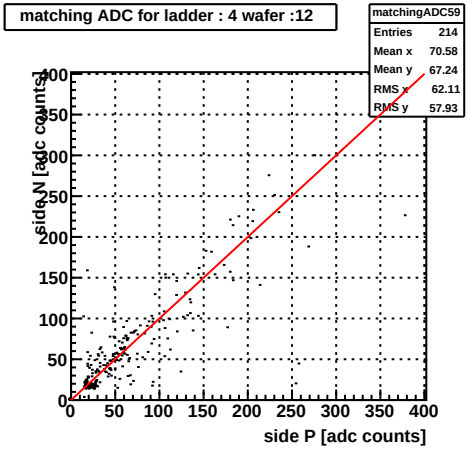

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 73.67
Mean y 101.7
RMS x 44.73
RMS y 24.51
side N [adc counts]
side P [adc counts]

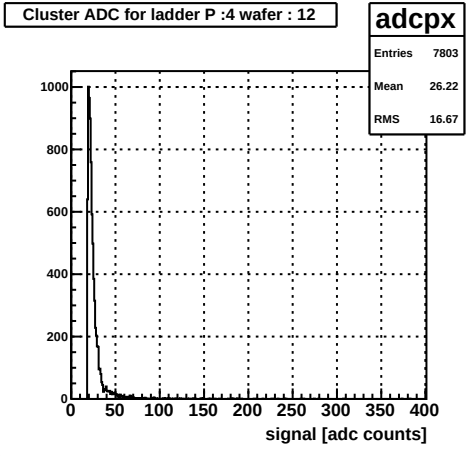

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 271
Mean 30.43
RMS 12.3
signal [adc counts]

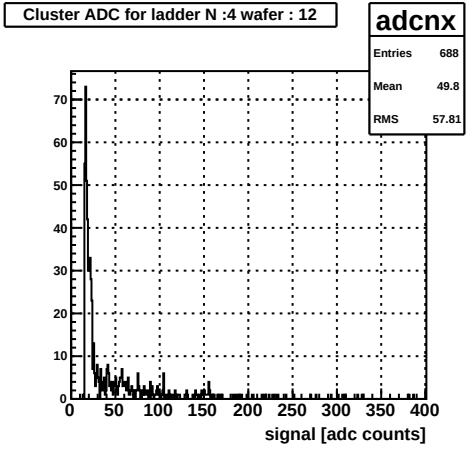

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 189
Mean 87.23
RMS 60.07
signal [adc counts]

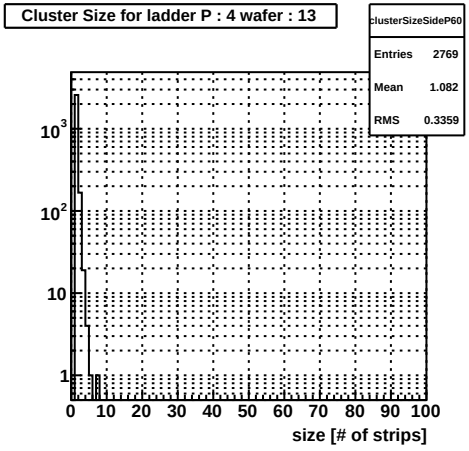

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 7803
Mean 1.046
RMS 0.2378
size [# of strips]

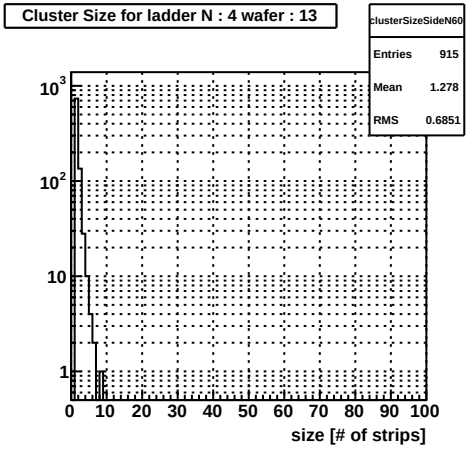

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 688
Mean 1.299
RMS 0.7798
size [# of strips]

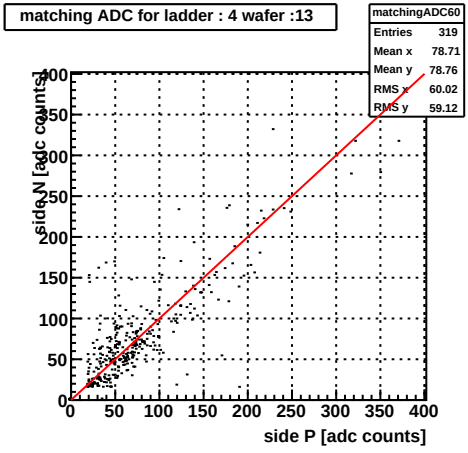

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 214
Mean x 70.58
Mean y 67.24
RMS x 62.11
RMS y 57.93
side N [adc counts]
side P [adc counts]

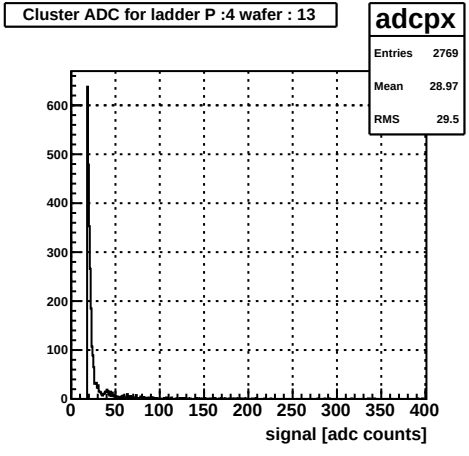

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 7803
Mean 26.22
RMS 16.67
signal [adc counts]

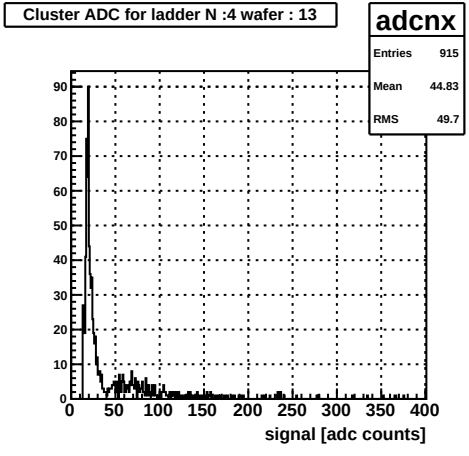

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 688
Mean 49.8
RMS 57.81
signal [adc counts]

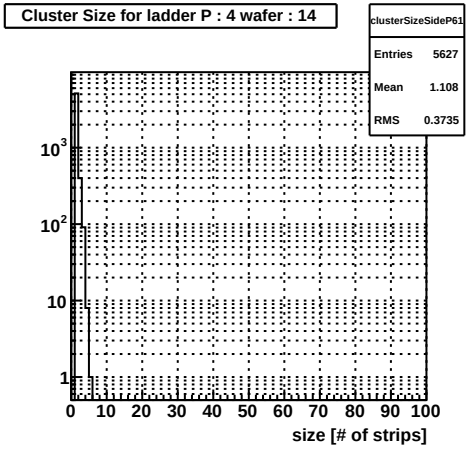

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2769
Mean 1.082
RMS 0.3359
size [# of strips]

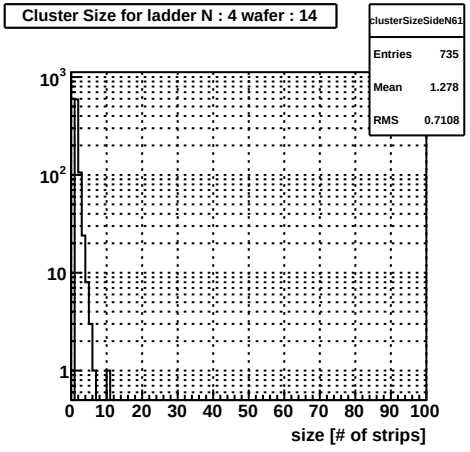

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 915
Mean 1.278
RMS 0.6851
size [# of strips]

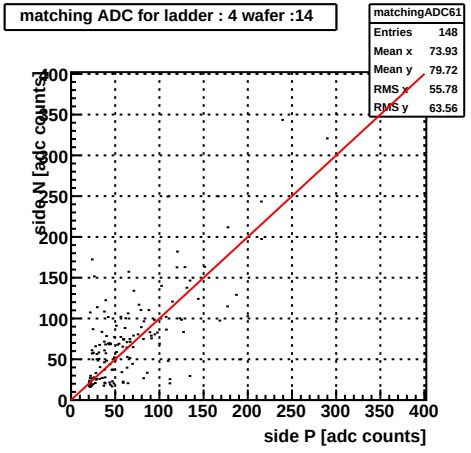

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 319
Mean x 78.71
Mean y 78.76
RMS x 60.02
RMS y 59.12
side N [adc counts]
side P [adc counts]

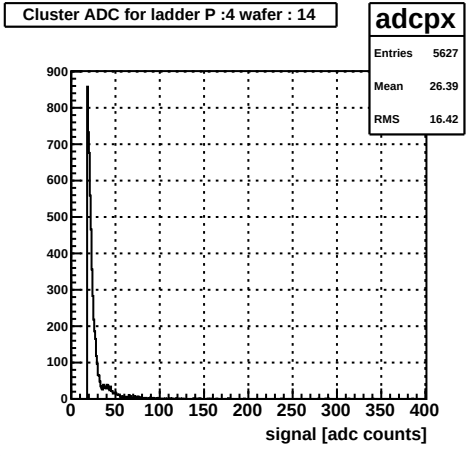

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2769
Mean 28.97
RMS 29.5
signal [adc counts]

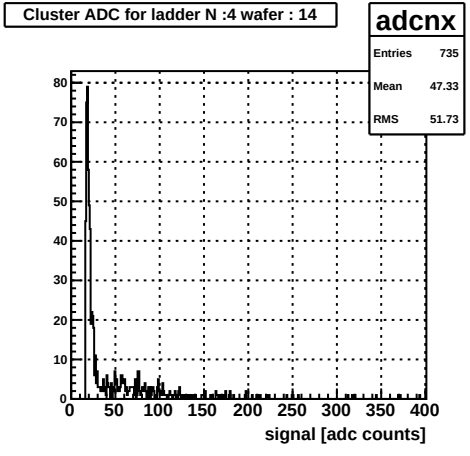

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 915
Mean 44.83
RMS 49.7
signal [adc counts]

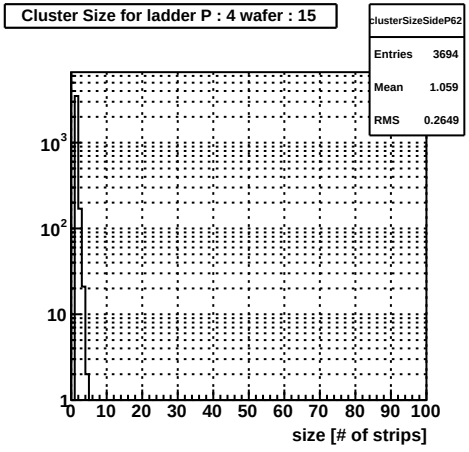

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5627
Mean 1.108
RMS 0.3735
size [# of strips]

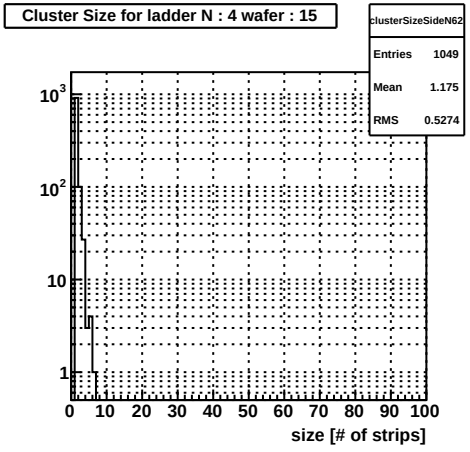

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 735
Mean 1.278
RMS 0.7108
size [# of strips]

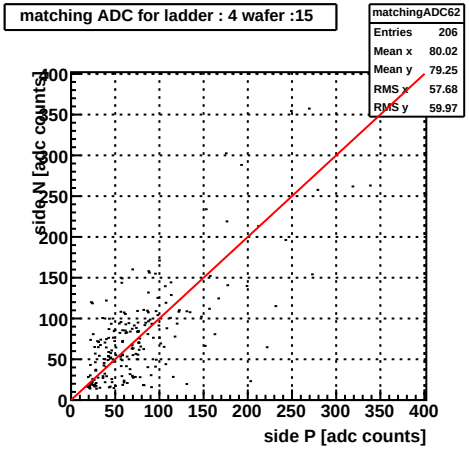

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 148
Mean x 73.93
Mean y 79.72
RMS x 55.78
RMS y 63.56
side N [adc counts]
side P [adc counts]

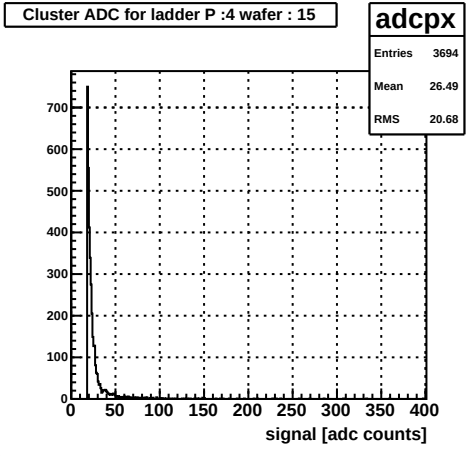

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5627
Mean 26.39
RMS 16.42
signal [adc counts]

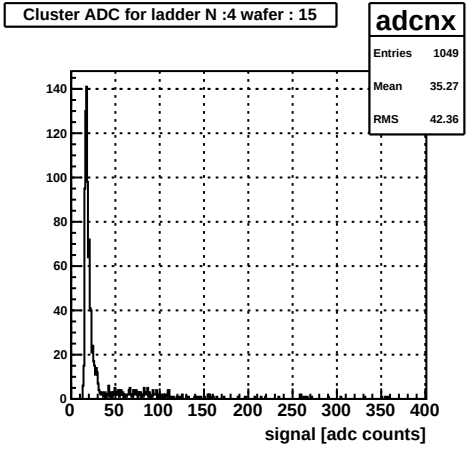

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 735
Mean 47.33
RMS 51.73
signal [adc counts]

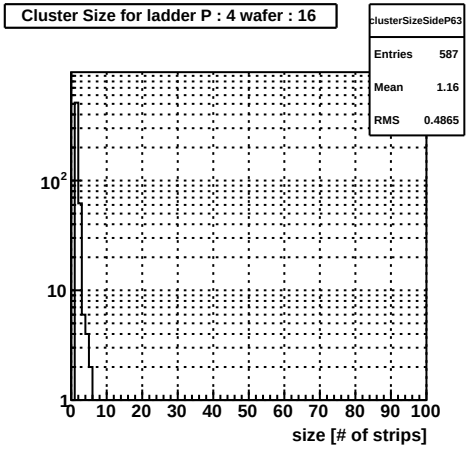

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 3694
Mean 1.059
RMS 0.2649
size [# of strips]

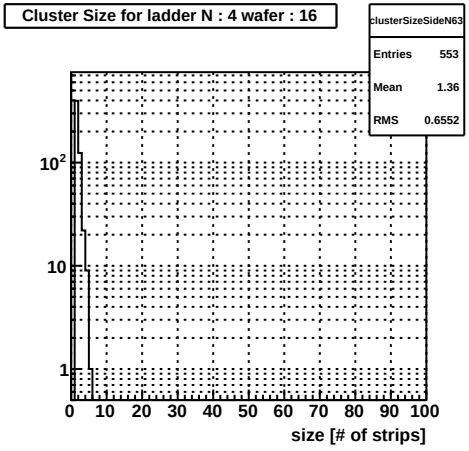

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1049
Mean 1.175
RMS 0.5274
size [# of strips]

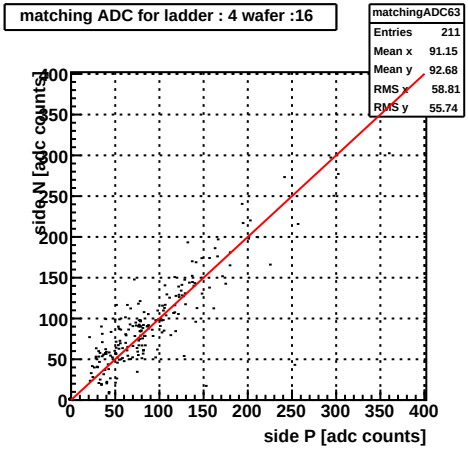

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 206
Mean x 80.02
Mean y 79.25
RMS x 57.68
RMS y 59.97
side N [adc counts]
side P [adc counts]

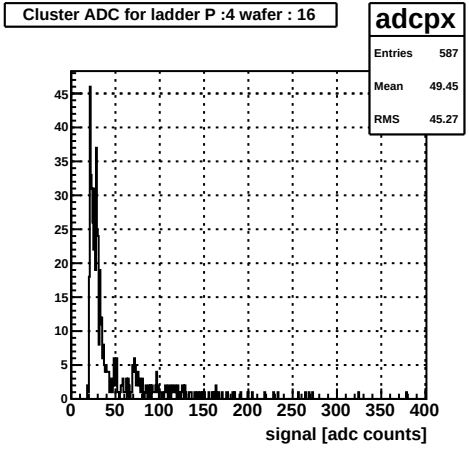

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 3694
Mean 26.49
RMS 20.68
signal [adc counts]

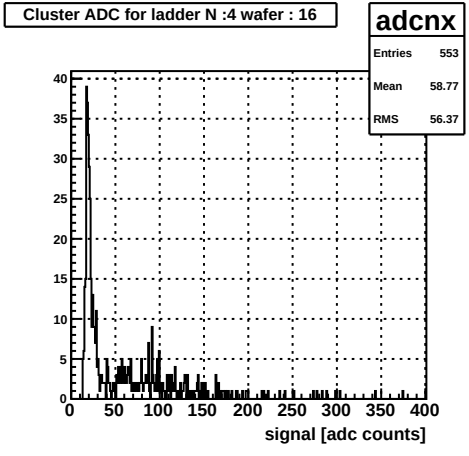

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1049
Mean 35.27
RMS 42.36
signal [adc counts]

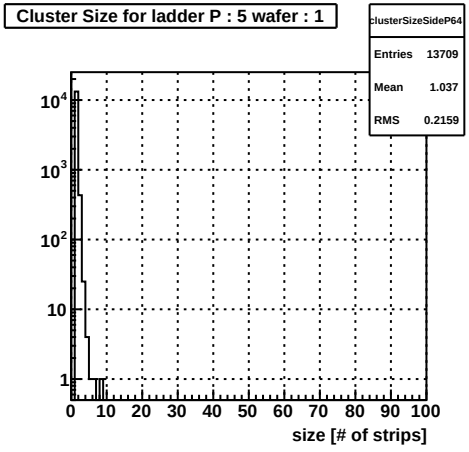

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 587
Mean 1.16
RMS 0.4865
size [# of strips]

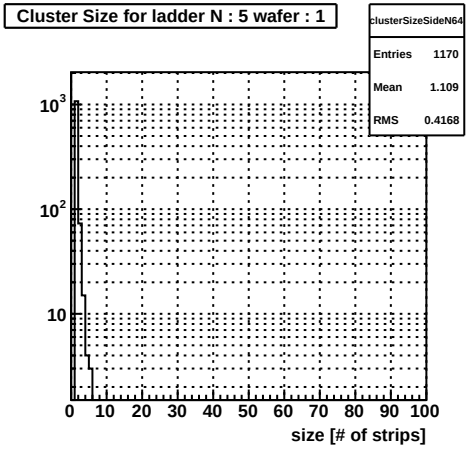

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 553
Mean 1.36
RMS 0.6552
size [# of strips]

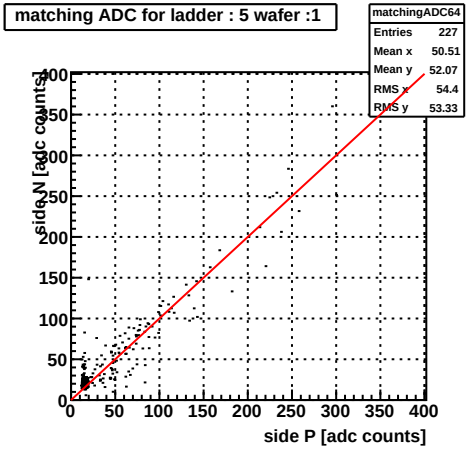

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 211
Mean x 91.15
Mean y 92.68
RMS x 58.81
RMS y 55.74
side N [adc counts]
side P [adc counts]

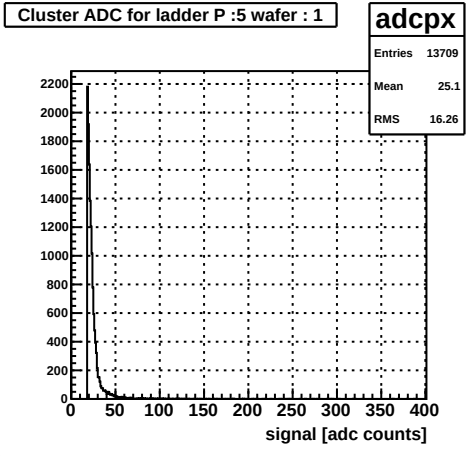

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 587
Mean 49.45
RMS 45.27
signal [adc counts]

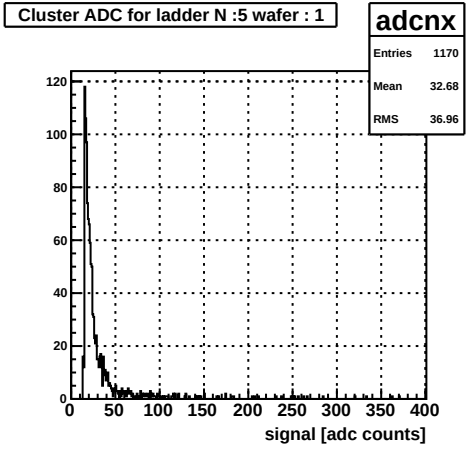

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 553
Mean 58.77
RMS 56.37
signal [adc counts]

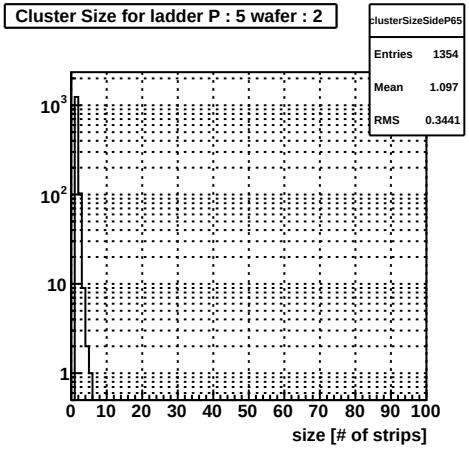

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 13709
Mean 1.037
RMS 0.2159
size [# of strips]

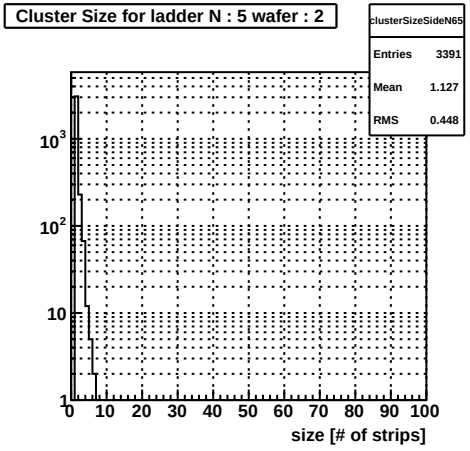

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1170
Mean 1.109
RMS 0.4168
size [# of strips]

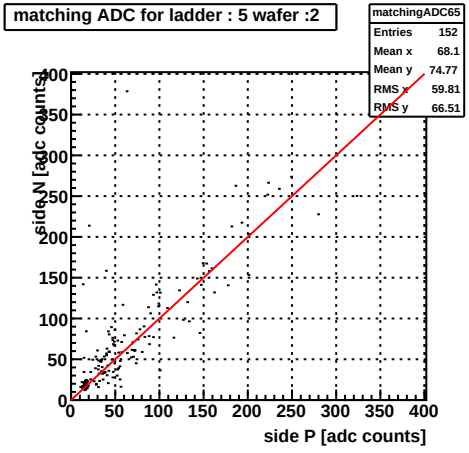

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 227
Mean x 50.51
Mean y 52.07
RMS x 54.4
RMS y 53.33
side N [adc counts]
side P [adc counts]

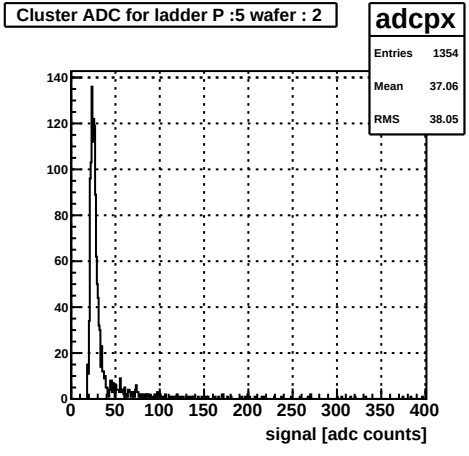

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 13709
Mean 25.1
RMS 16.26
signal [adc counts]

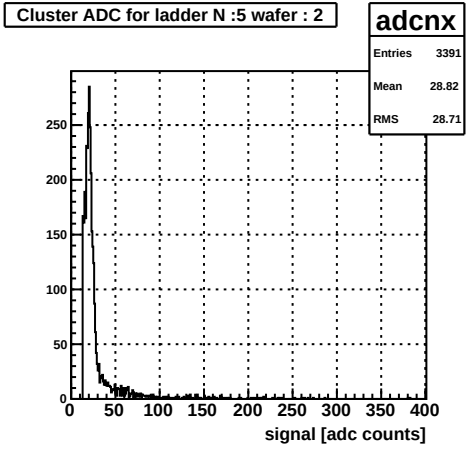

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1170
Mean 32.68
RMS 36.96
signal [adc counts]

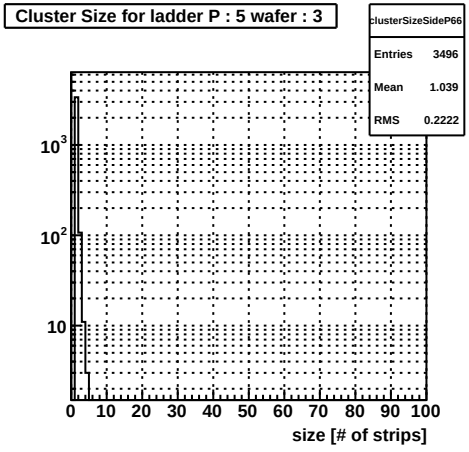

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1354
Mean 1.097
RMS 0.3441
size [# of strips]

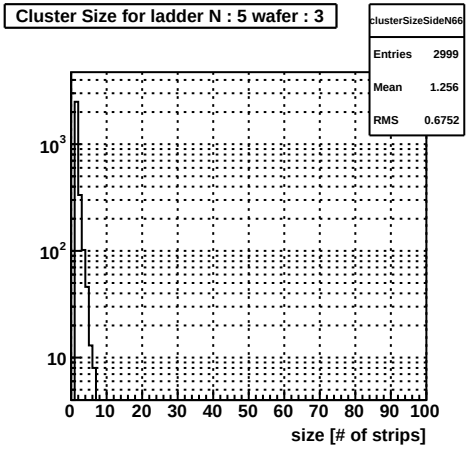

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3391
Mean 1.127
RMS 0.448
size [# of strips]

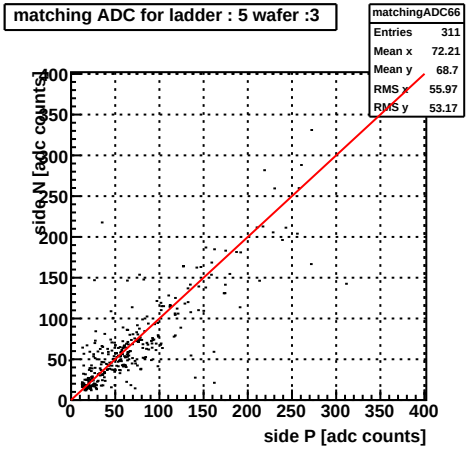

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 152
Mean x 68.1
Mean y 74.77
RMS x 59.81
RMS y 66.51
side N [adc counts]
side P [adc counts]

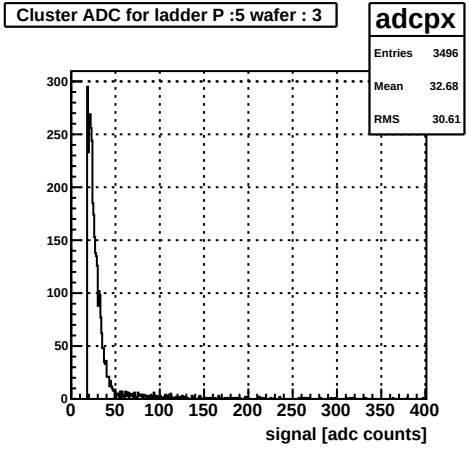

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1354
Mean 37.06
RMS 38.05
signal [adc counts]

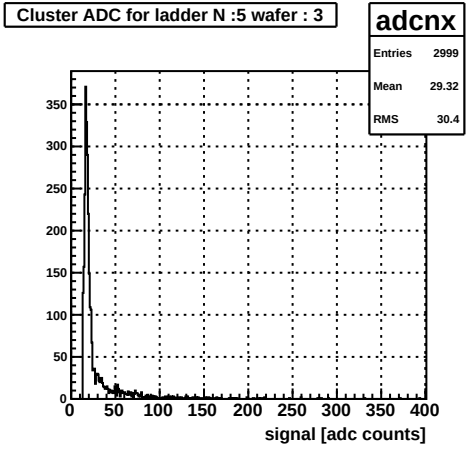

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3391
Mean 28.82
RMS 28.71
signal [adc counts]

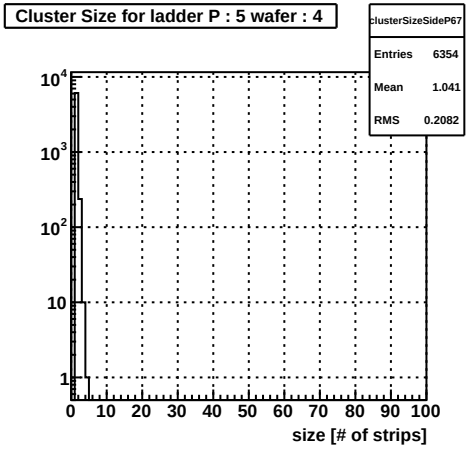

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 3496
Mean 1.039
RMS 0.2222
size [# of strips]

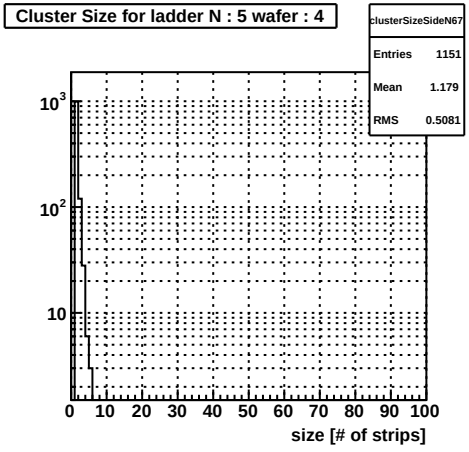

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 2999
Mean 1.256
RMS 0.6752
size [# of strips]

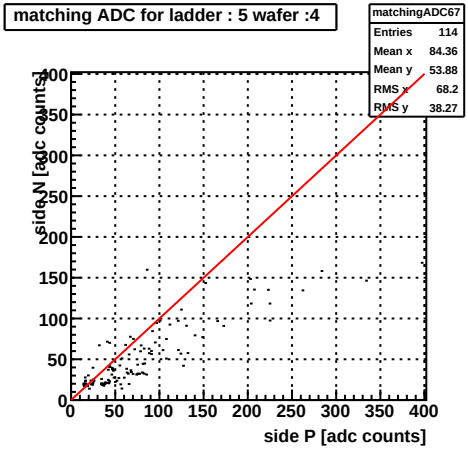

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 311
Mean x 72.21
Mean y 68.7
RMS x 55.97
RMS y 53.17
side N [adc counts]
side P [adc counts]

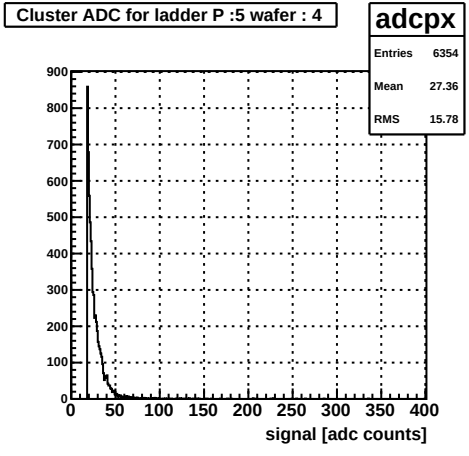

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 3496
Mean 32.68
RMS 30.61
signal [adc counts]

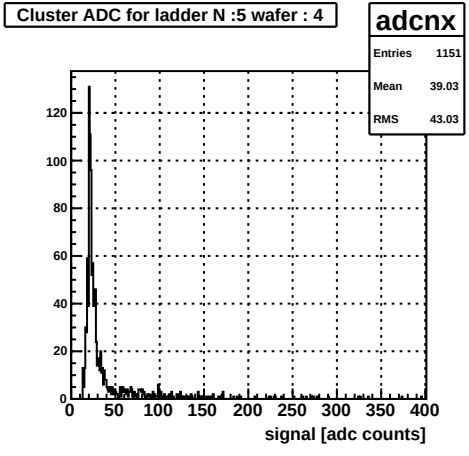

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 2999
Mean 29.32
RMS 30.4
signal [adc counts]

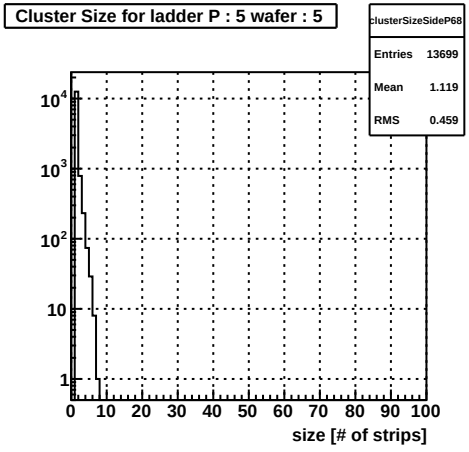

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 6354
Mean 1.041
RMS 0.2082
size [# of strips]

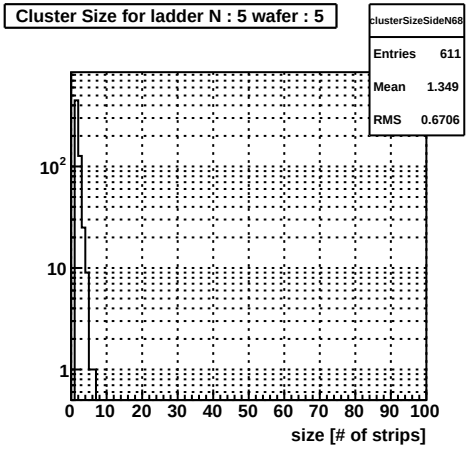

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1151
Mean 1.179
RMS 0.5081
size [# of strips]

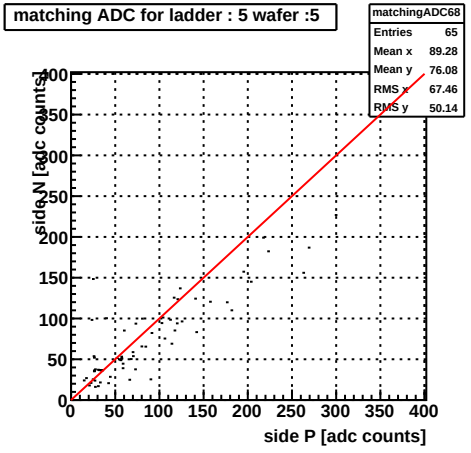

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 114
Mean x 84.36
Mean y 53.88
RMS x 68.2
RMS y 38.27
side N [adc counts]
side P [adc counts]

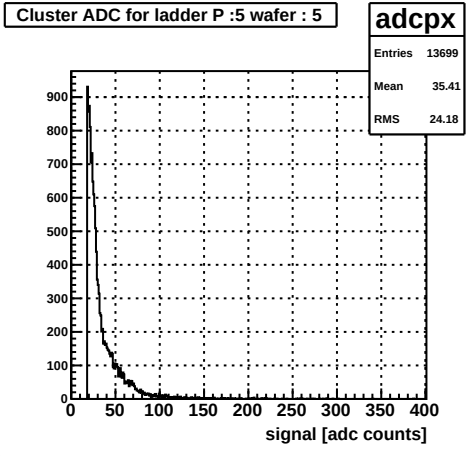

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 6354
Mean 27.36
RMS 15.78
signal [adc counts]

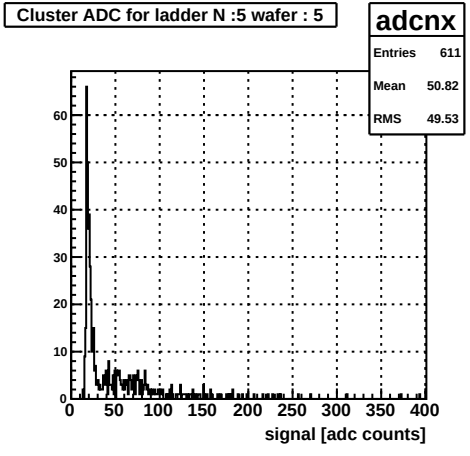

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1151
Mean 39.03
RMS 43.03
signal [adc counts]

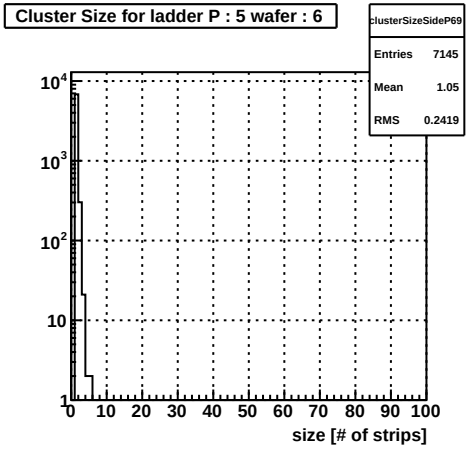

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 13699
Mean 1.119
RMS 0.459
size [# of strips]

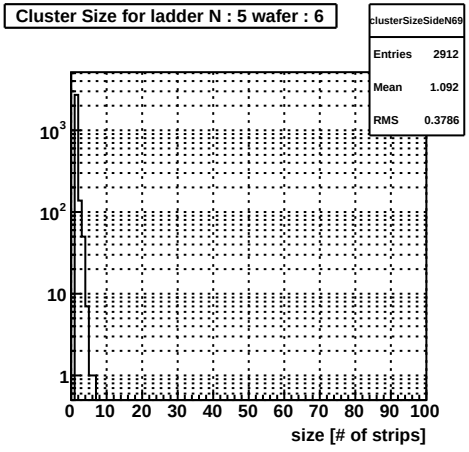

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 611
Mean 1.349
RMS 0.6706
size [# of strips]

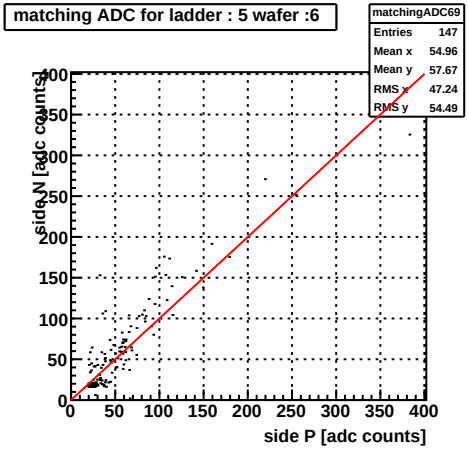

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 65
Mean x 89.28
Mean y 76.08
RMS x 67.46
RMS y 50.14
side N [adc counts]
side P [adc counts]

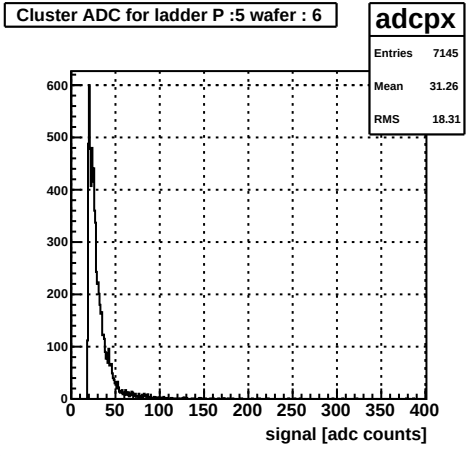

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 13699
Mean 35.41
RMS 24.18
signal [adc counts]

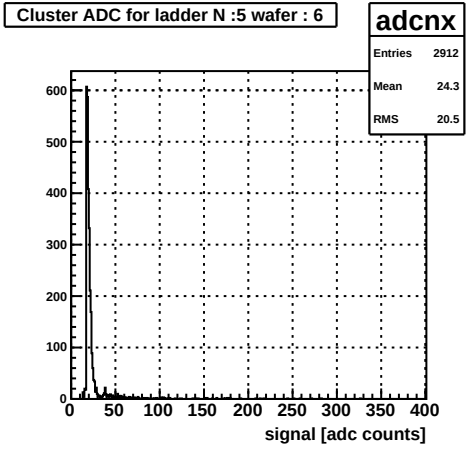

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 611
Mean 50.82
RMS 49.53
signal [adc counts]

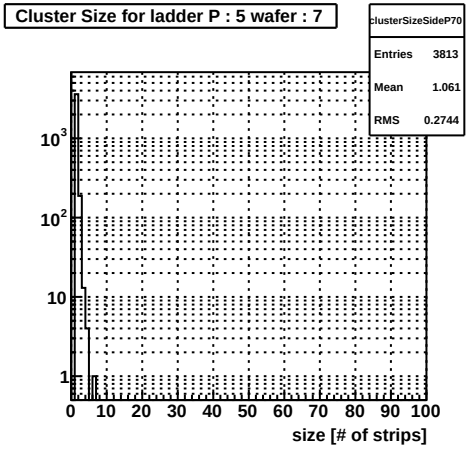

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 7145
Mean 1.05
RMS 0.2419
size [# of strips]

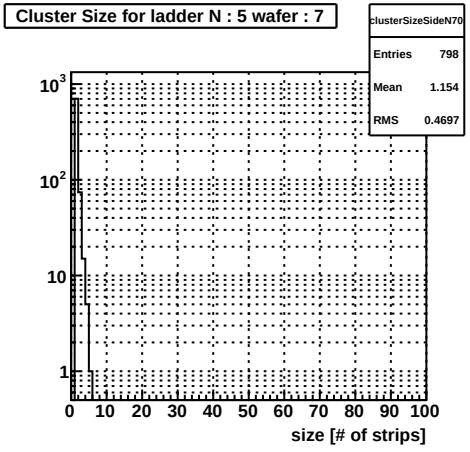

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 2912
Mean 1.092
RMS 0.3786
size [# of strips]

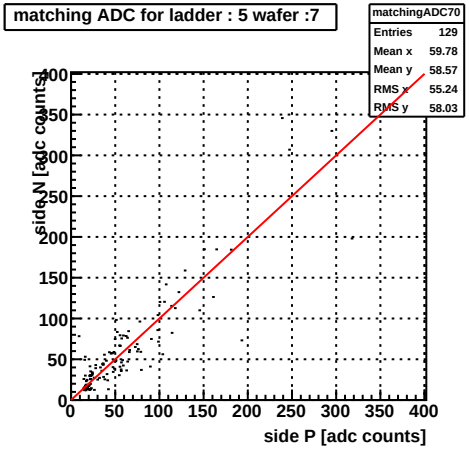

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 147
Mean x 54.96
Mean y 57.67
RMS x 47.24
RMS y 54.49
side N [adc counts]
side P [adc counts]

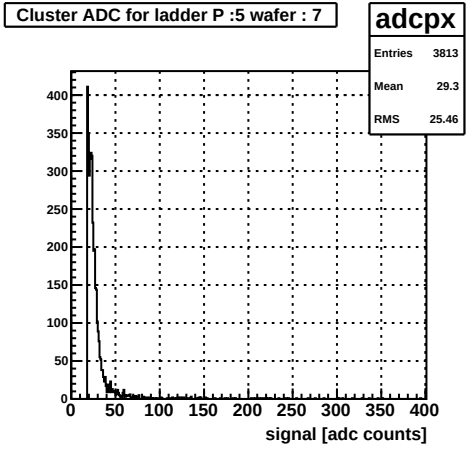

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 7145
Mean 31.26
RMS 18.31
signal [adc counts]

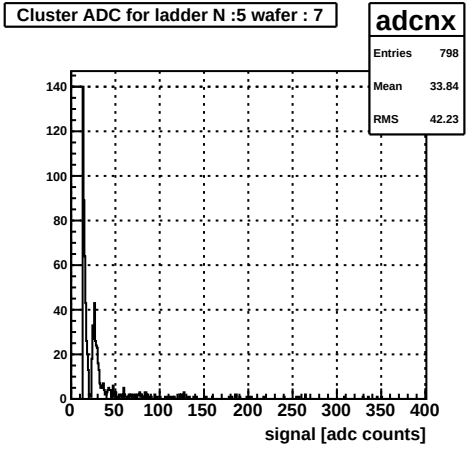

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 2912
Mean 24.3
RMS 20.5
signal [adc counts]

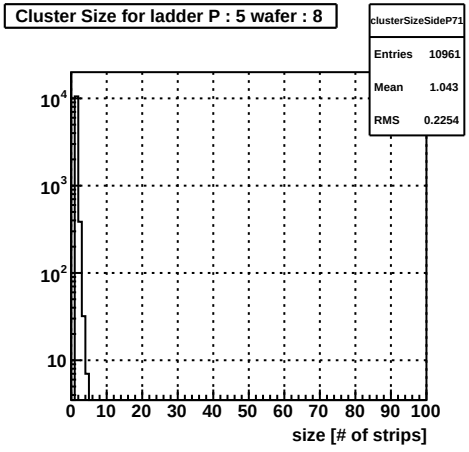

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 3813
Mean 1.061
RMS 0.2744
size [# of strips]

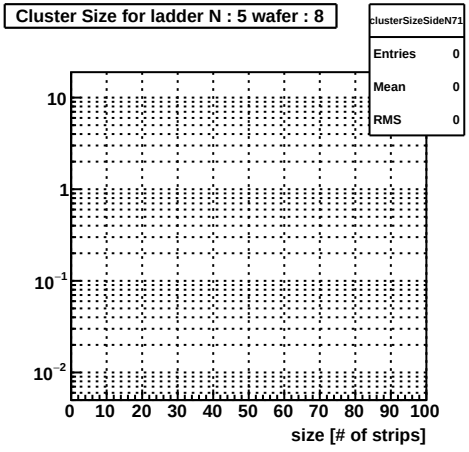

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 798
Mean 1.154
RMS 0.4697
size [# of strips]

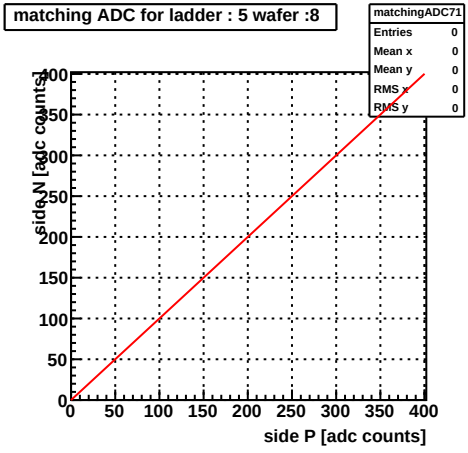

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 129
Mean x 59.78
Mean y 58.57
RMS x 55.24
RMS y 58.03
side N [adc counts]
side P [adc counts]

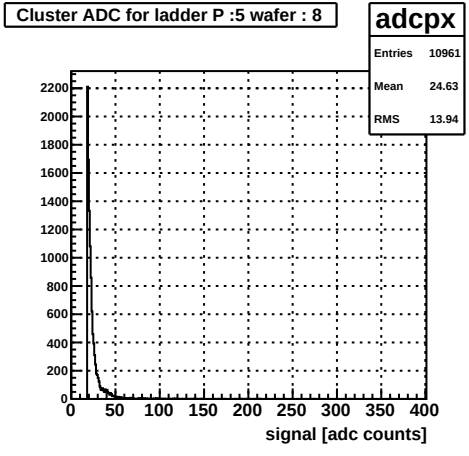

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 3813
Mean 29.3
RMS 25.46
signal [adc counts]

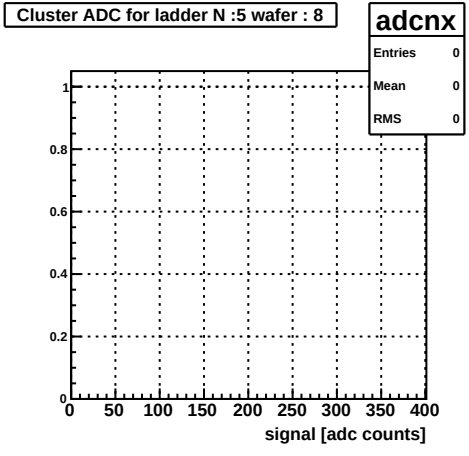

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 798
Mean 33.84
RMS 42.23
signal [adc counts]

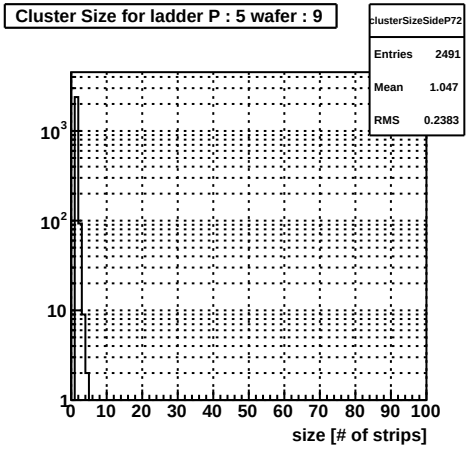

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 10961
Mean 1.043
RMS 0.2254
size [# of strips]

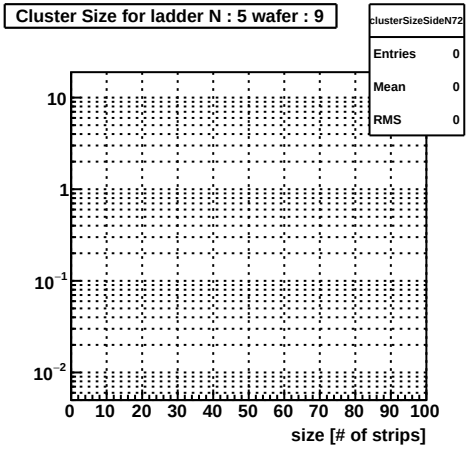

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

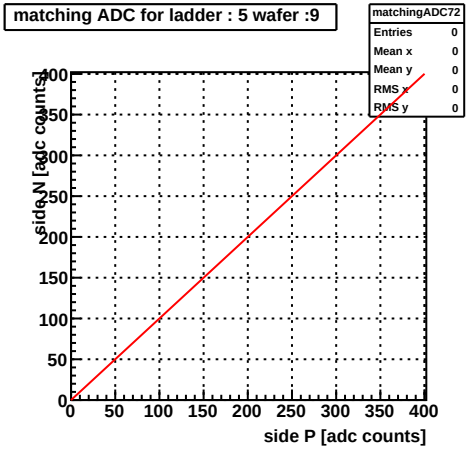

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

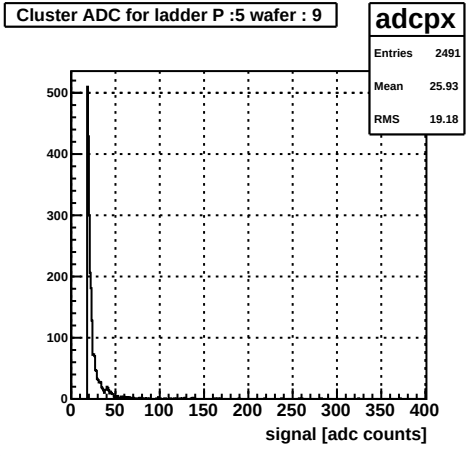

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 10961
Mean 24.63
RMS 13.94
signal [adc counts]

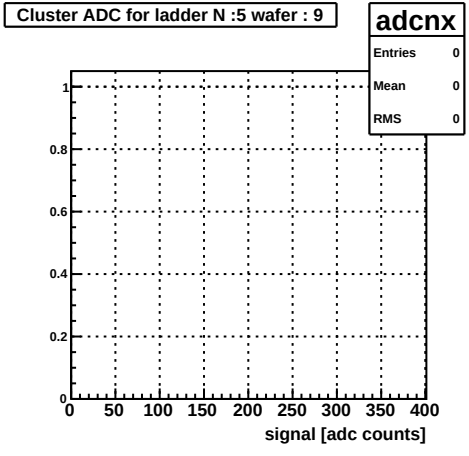

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

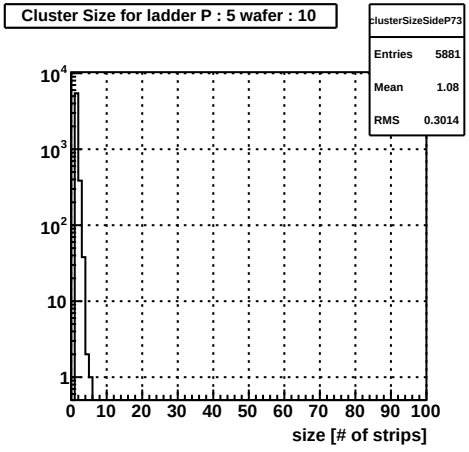

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 2491
Mean 1.047
RMS 0.2383
size [# of strips]

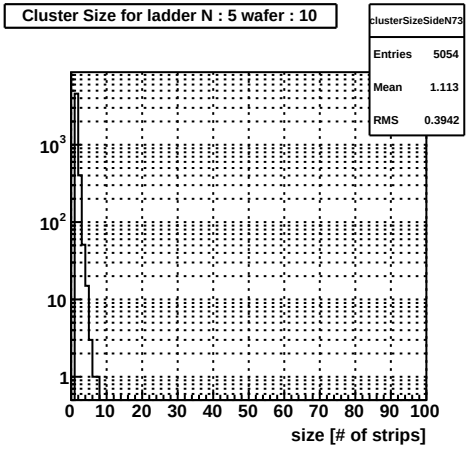

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

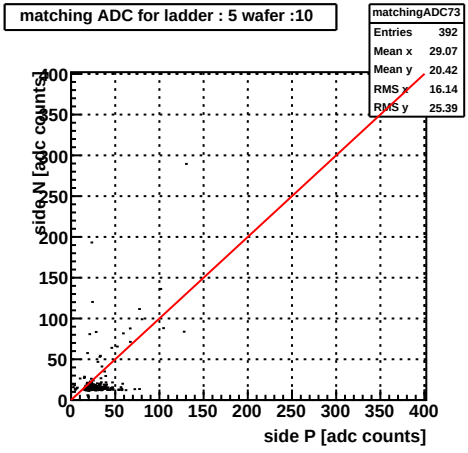

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

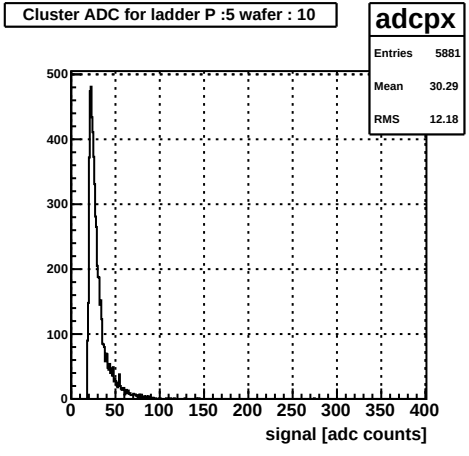

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 2491
Mean 25.93
RMS 19.18
signal [adc counts]

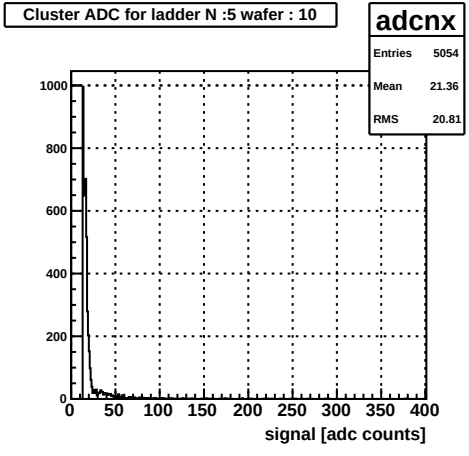

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

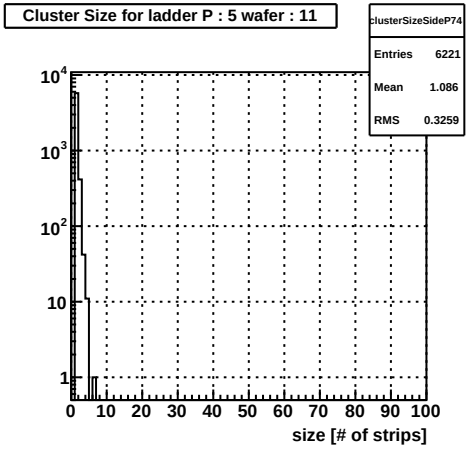

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5881
Mean 1.08
RMS 0.3014
size [# of strips]

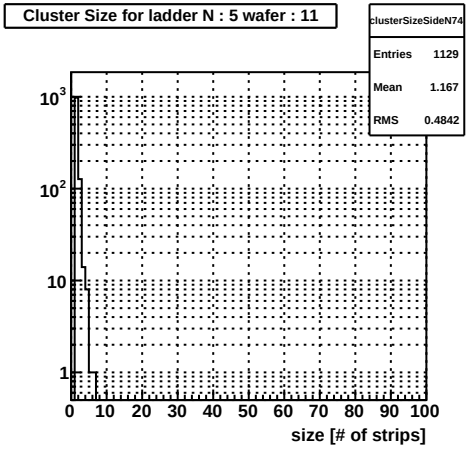

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 5054
Mean 1.113
RMS 0.3942
size [# of strips]

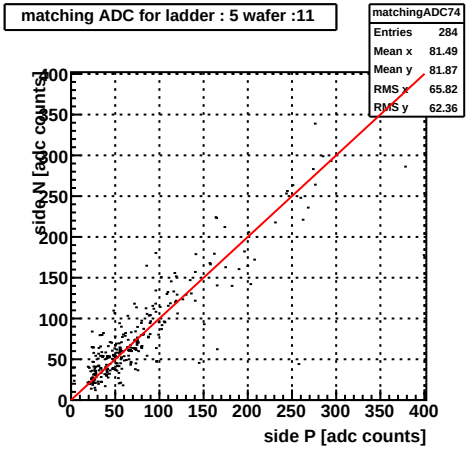

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 392
Mean x 29.07
Mean y 20.42
RMS x 16.14
RMS y 25.39
side N [adc counts]
side P [adc counts]

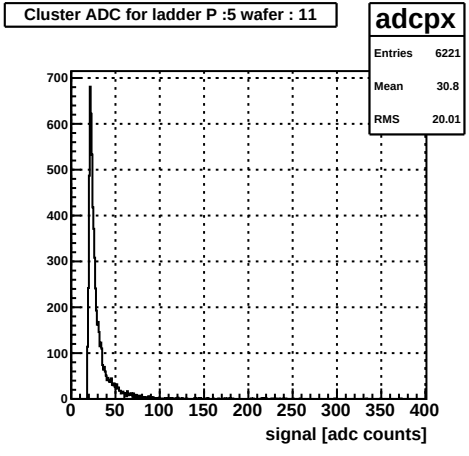

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5881
Mean 30.29
RMS 12.18
signal [adc counts]

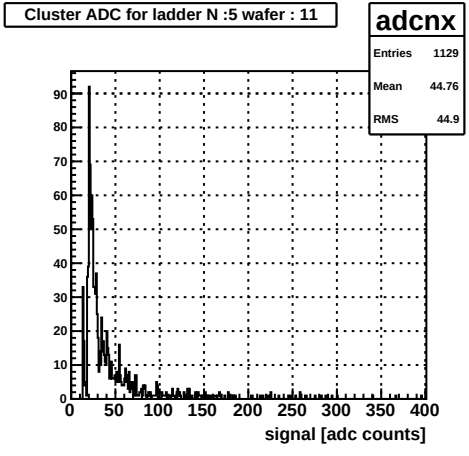

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 5054
Mean 21.36
RMS 20.81
signal [adc counts]

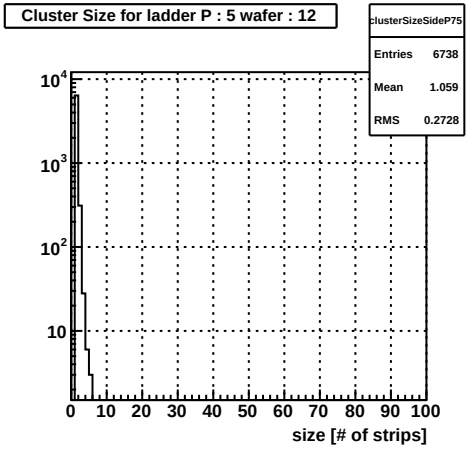

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6221
Mean 1.086
RMS 0.3259
size [# of strips]

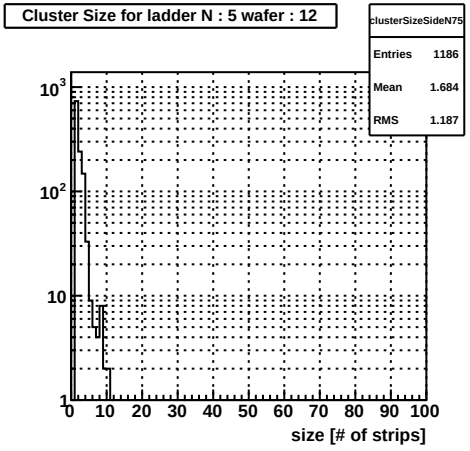

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1129
Mean 1.167
RMS 0.4842
size [# of strips]

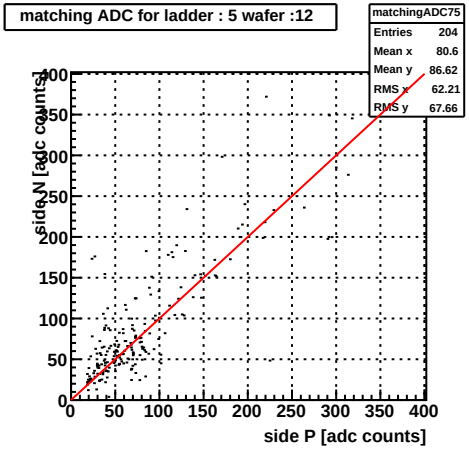

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 284
Mean x 81.49
Mean y 81.87
RMS x 65.82
RMS y 62.36
side N [adc counts]
side P [adc counts]

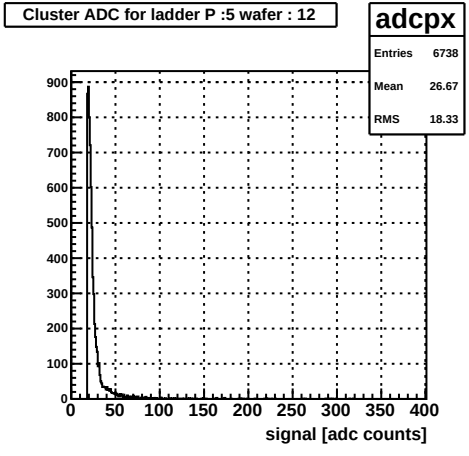

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6221
Mean 30.8
RMS 20.01
signal [adc counts]

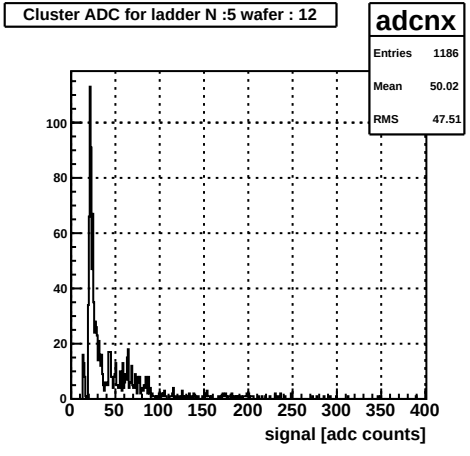

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1129
Mean 44.76
RMS 44.9
signal [adc counts]

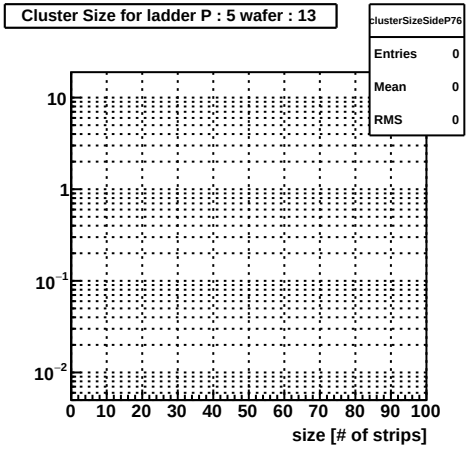

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6738
Mean 1.059
RMS 0.2728
size [# of strips]

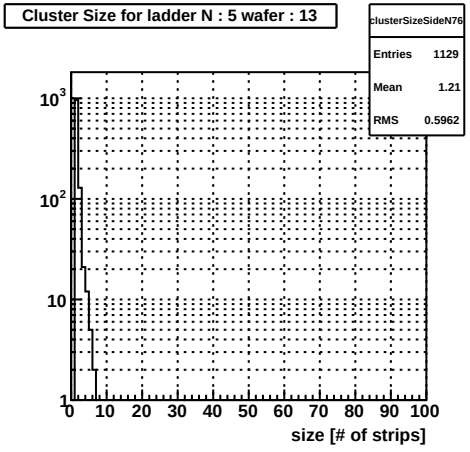

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1186
Mean 1.684
RMS 1.187
size [# of strips]

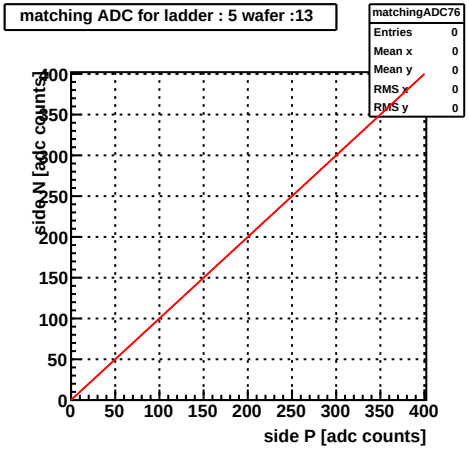

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 204
Mean x 80.6
Mean y 86.62
RMS x 62.21
RMS y 67.66
side N [adc counts]
side P [adc counts]

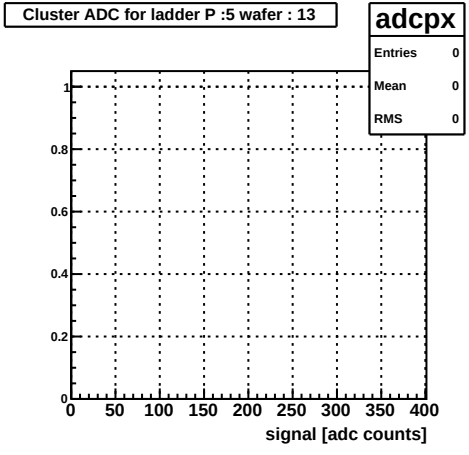

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6738
Mean 26.67
RMS 18.33
signal [adc counts]

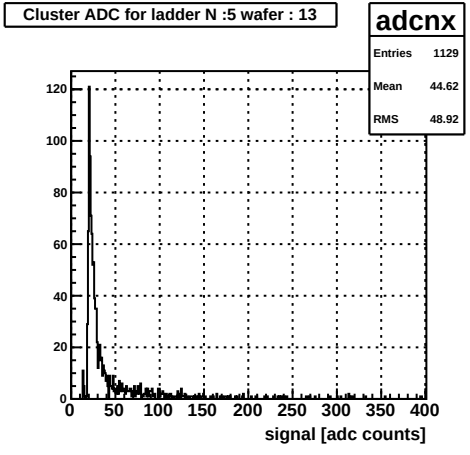

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1186
Mean 50.02
RMS 47.51
signal [adc counts]

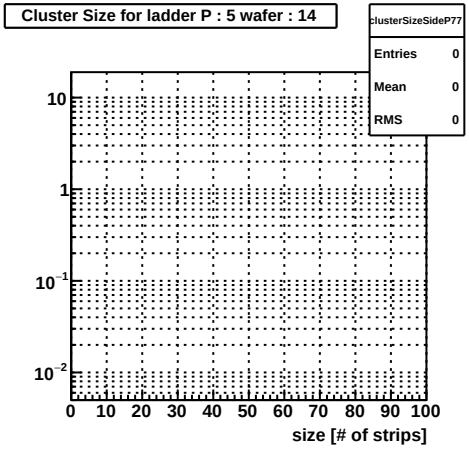

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

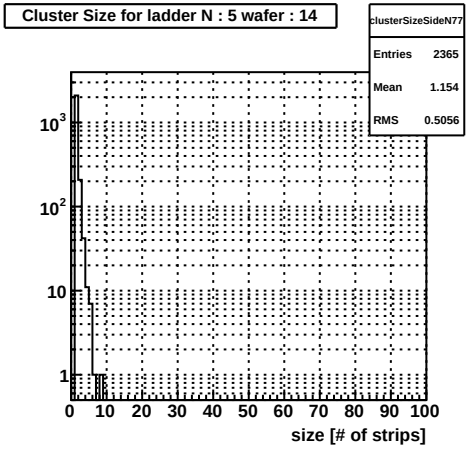

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1129
Mean 1.21
RMS 0.5962
size [# of strips]

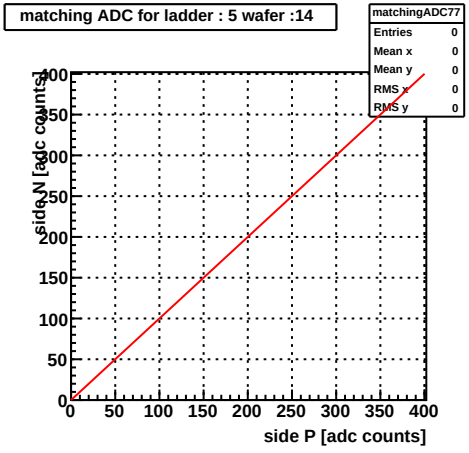

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

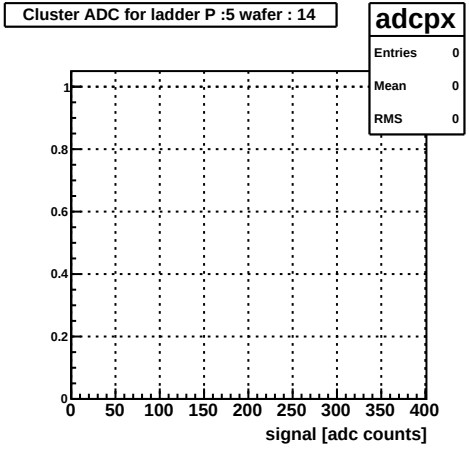

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

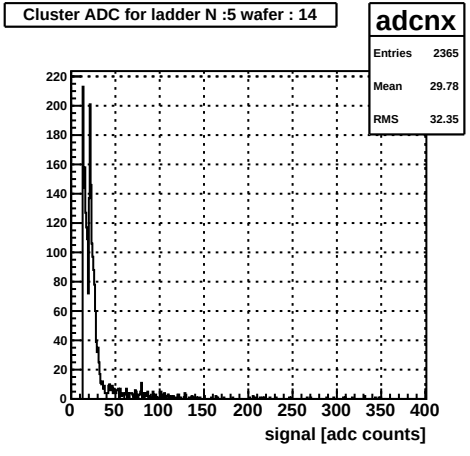

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1129
Mean 44.62
RMS 48.92
signal [adc counts]

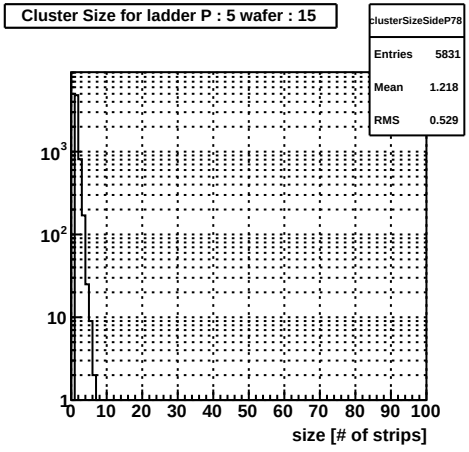

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

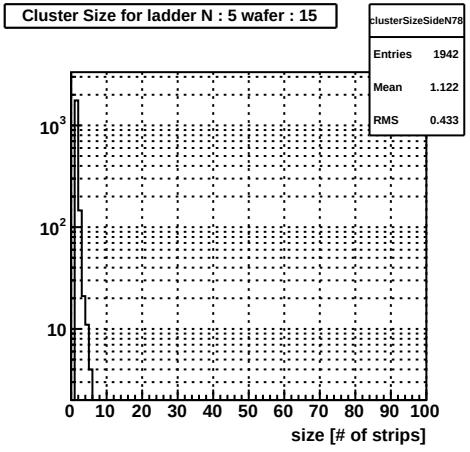

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2365
Mean 1.154
RMS 0.5056
size [# of strips]

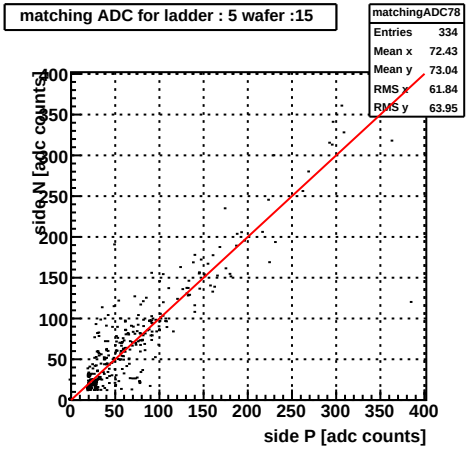

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

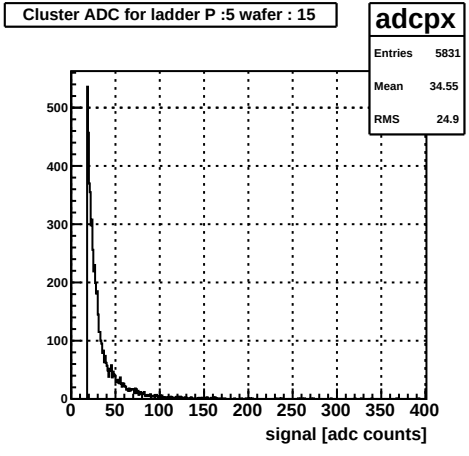

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

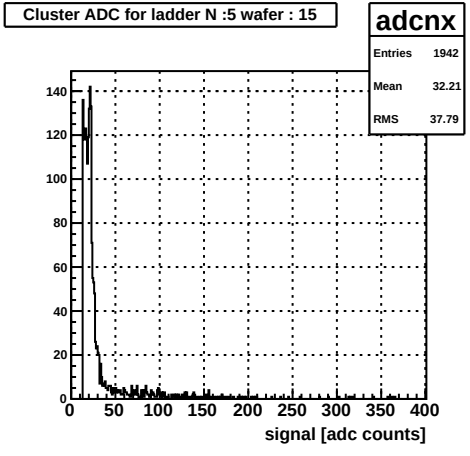

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2365
Mean 29.78
RMS 32.35
signal [adc counts]

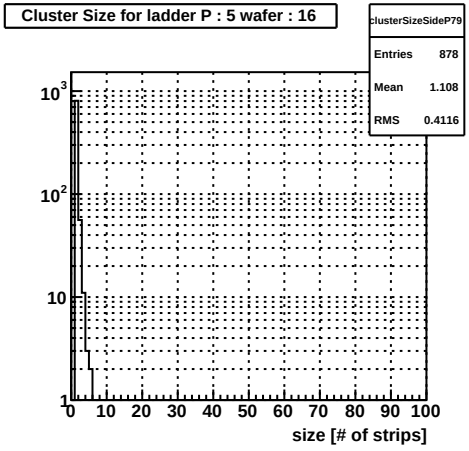

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5831
Mean 1.218
RMS 0.529
size [# of strips]

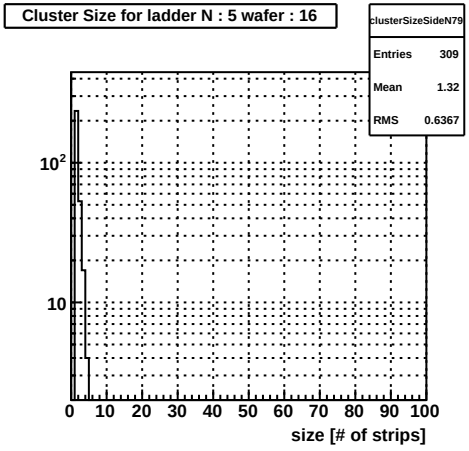

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1942
Mean 1.122
RMS 0.433
size [# of strips]

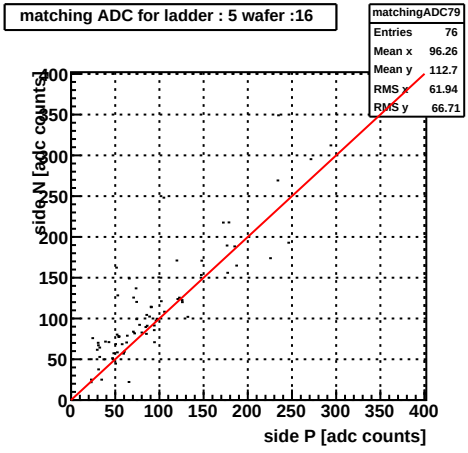

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 334
Mean x 72.43
Mean y 73.04
RMS x 61.84
RMS y 63.95
side N [adc counts]
side P [adc counts]

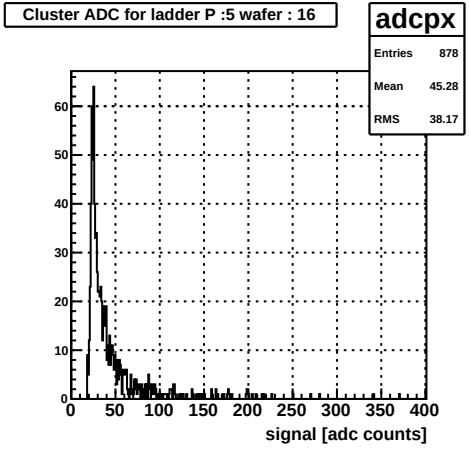

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5831
Mean 34.55
RMS 24.9
signal [adc counts]

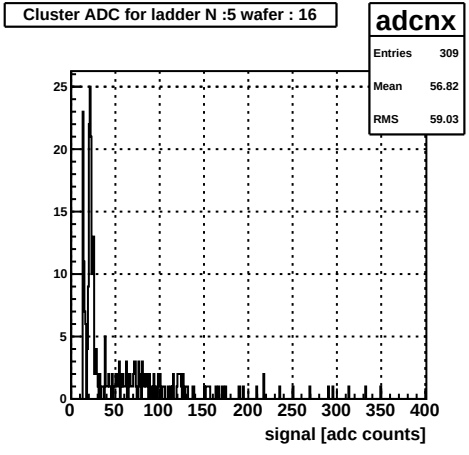

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1942
Mean 32.21
RMS 37.79
signal [adc counts]

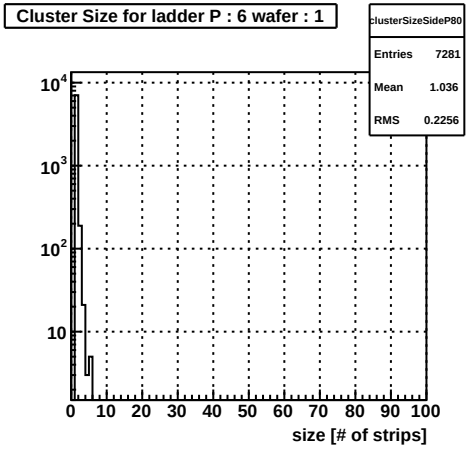

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 878
Mean 1.108
RMS 0.4116
size [# of strips]

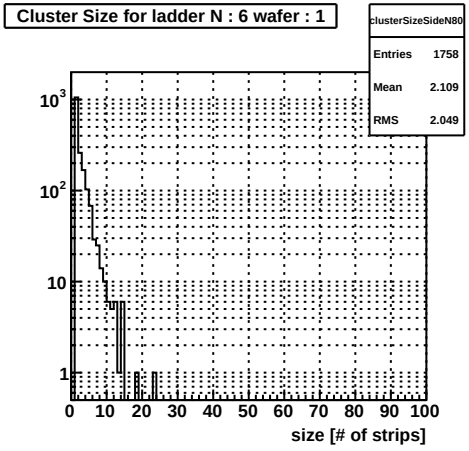

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 309
Mean 1.32
RMS 0.6367
size [# of strips]

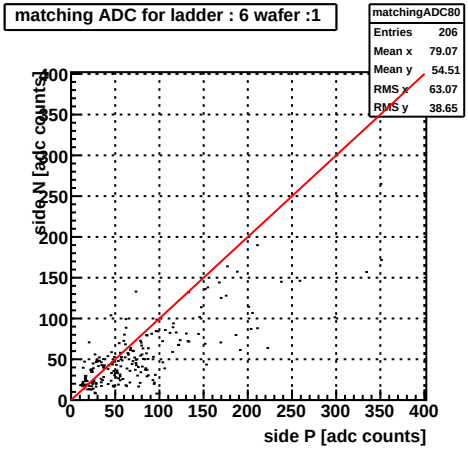

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 76
Mean x 96.26
Mean y 112.7
RMS x 61.94
RMS y 66.71
side N [adc counts]
side P [adc counts]

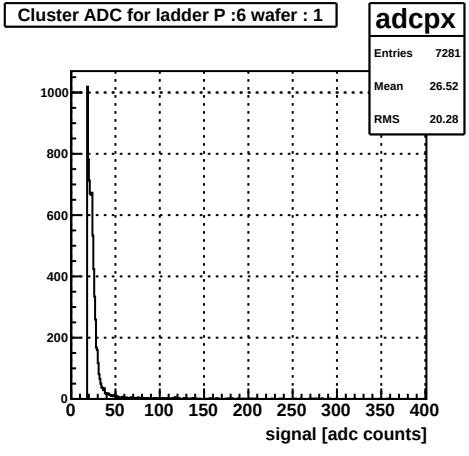

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 878
Mean 45.28
RMS 38.17
signal [adc counts]

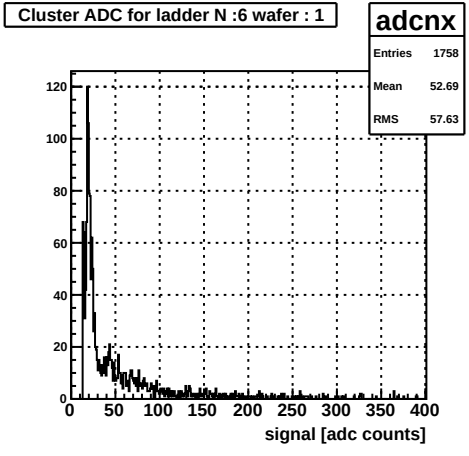

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 309
Mean 56.82
RMS 59.03
signal [adc counts]

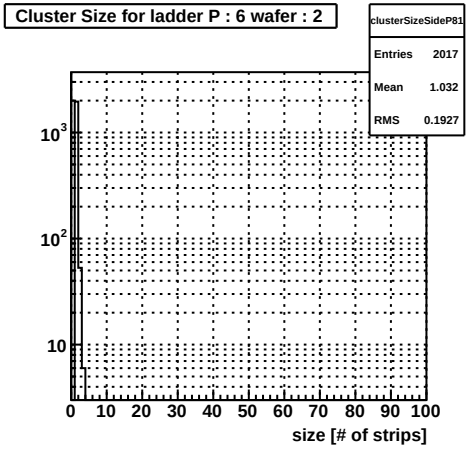

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7281
Mean 1.036
RMS 0.2256
size [# of strips]

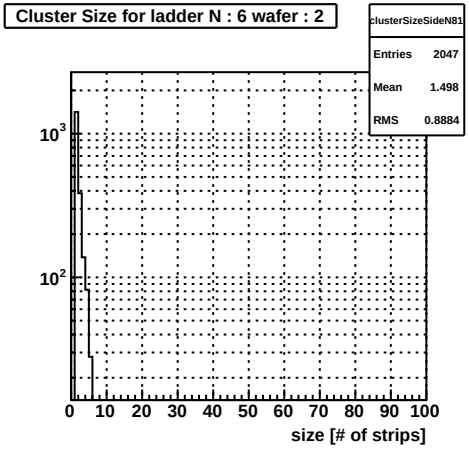

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1758
Mean 2.109
RMS 2.049
size [# of strips]

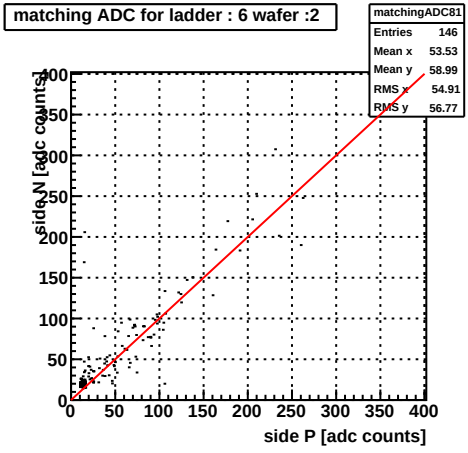

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 206
Mean x 79.07
Mean y 54.51
RMS x 63.07
RMS y 38.65
side N [adc counts]
side P [adc counts]

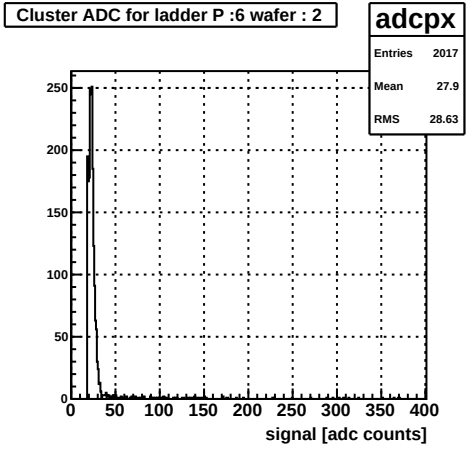

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7281
Mean 26.52
RMS 20.28
signal [adc counts]

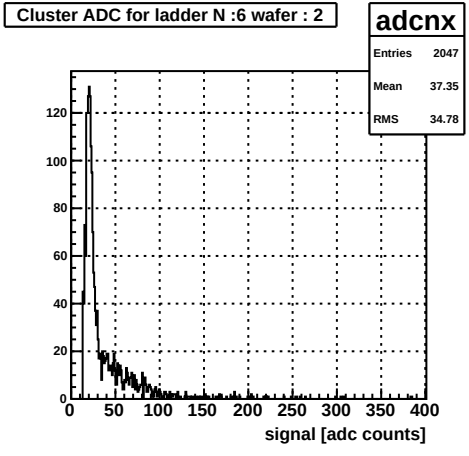

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1758
Mean 52.69
RMS 57.63
signal [adc counts]

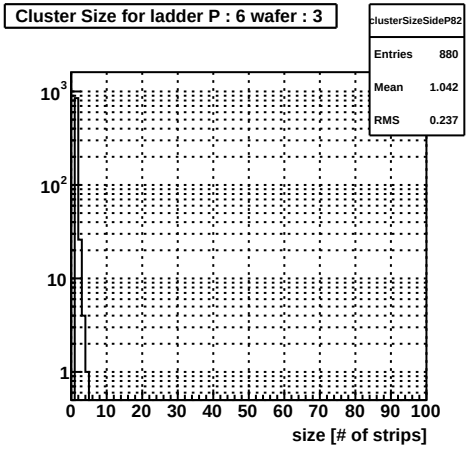

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2017
Mean 1.032
RMS 0.1927
size [# of strips]

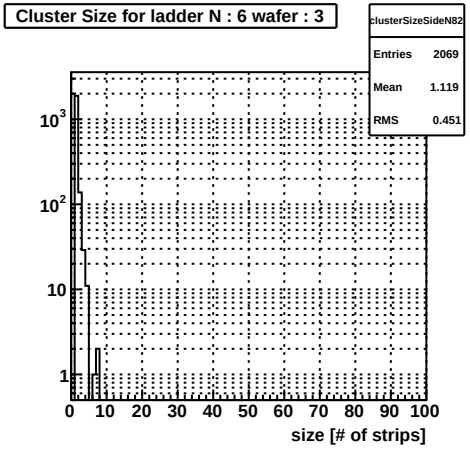

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2047
Mean 1.498
RMS 0.8884
size [# of strips]

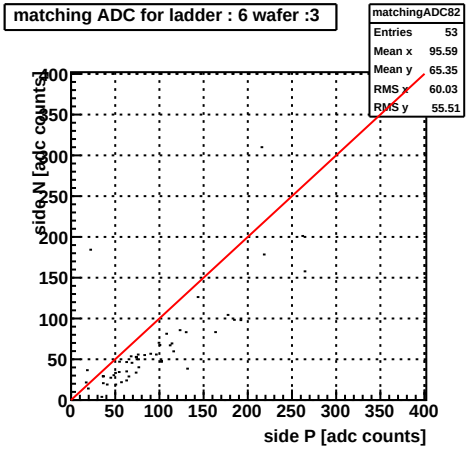

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 146
Mean x 53.53
Mean y 58.99
RMS x 54.91
RMS y 56.77
side N [adc counts]
side P [adc counts]

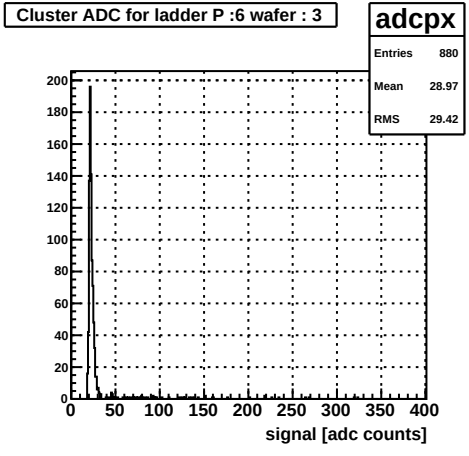

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2017
Mean 27.9
RMS 28.63
signal [adc counts]

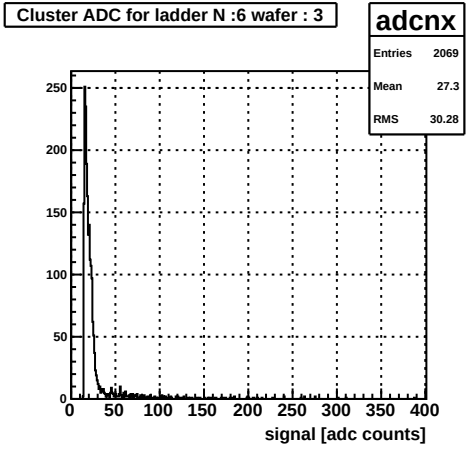

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2047
Mean 37.35
RMS 34.78
signal [adc counts]

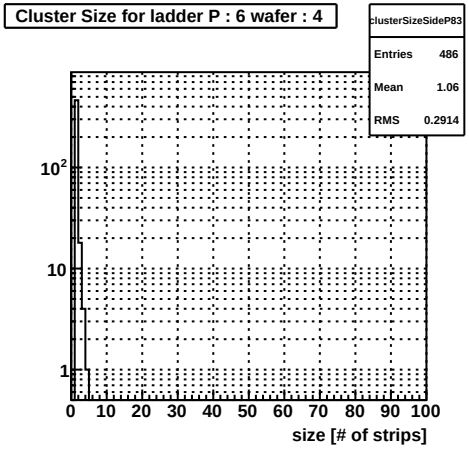

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 880
Mean 1.042
RMS 0.237
size [# of strips]

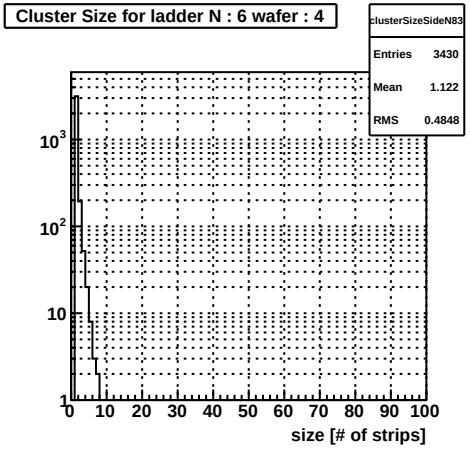

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2069
Mean 1.119
RMS 0.451
size [# of strips]

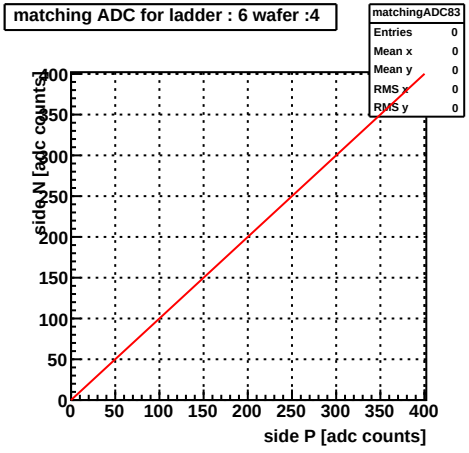

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 53
Mean x 95.59
Mean y 65.35
RMS x 60.03
RMS y 55.51
side N [adc counts]
side P [adc counts]

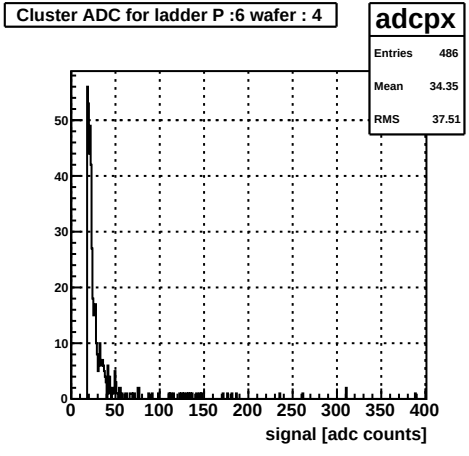

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 880
Mean 28.97
RMS 29.42
signal [adc counts]

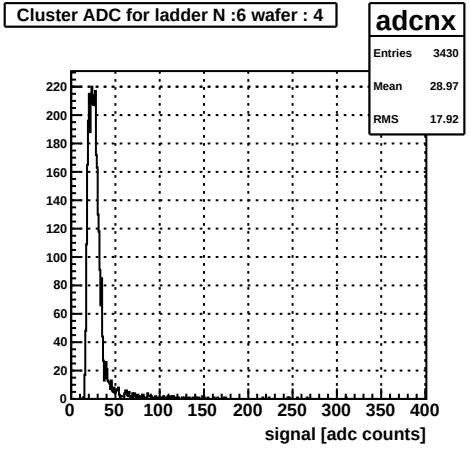

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2069
Mean 27.3
RMS 30.28
signal [adc counts]

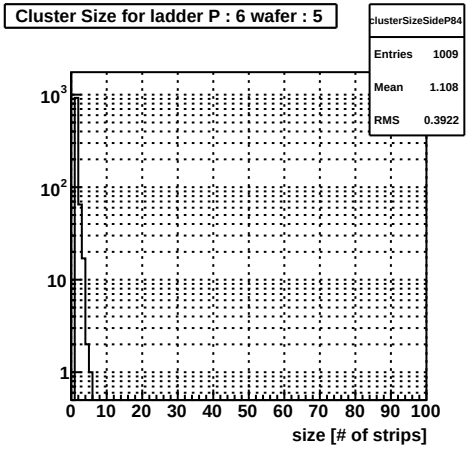

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 486
Mean 1.06
RMS 0.2914
size [# of strips]

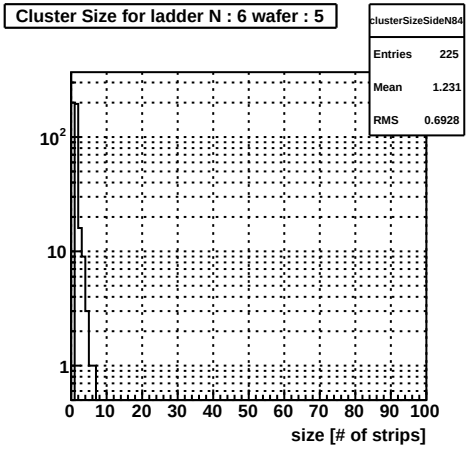

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3430
Mean 1.122
RMS 0.4848
size [# of strips]

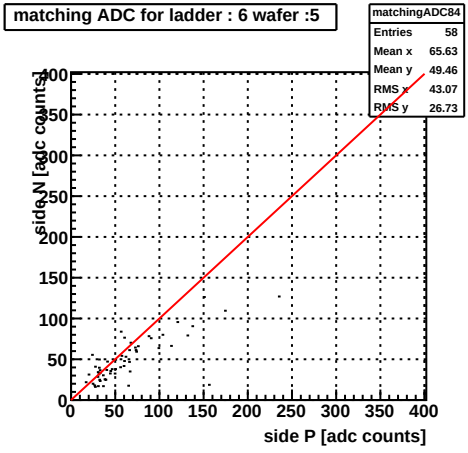

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

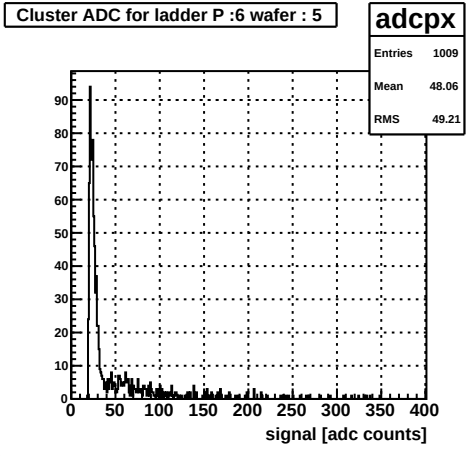

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 486
Mean 34.35
RMS 37.51
signal [adc counts]

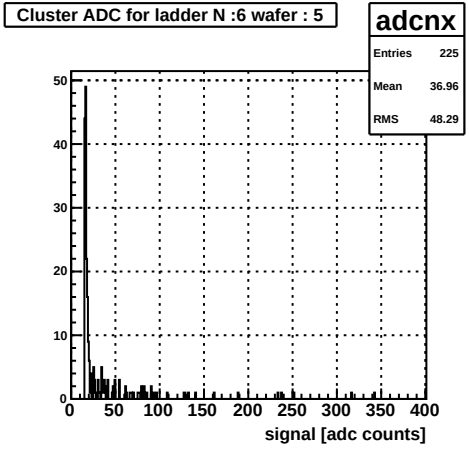

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3430
Mean 28.97
RMS 17.92
signal [adc counts]

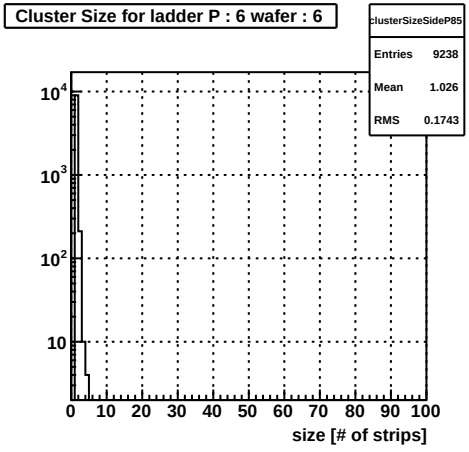

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1009
Mean 1.108
RMS 0.3922
size [# of strips]

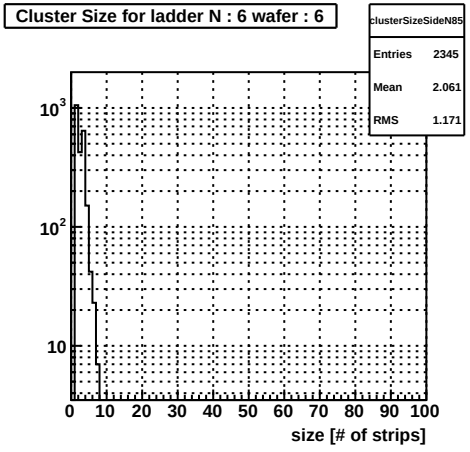

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 225
Mean 1.231
RMS 0.6928
size [# of strips]

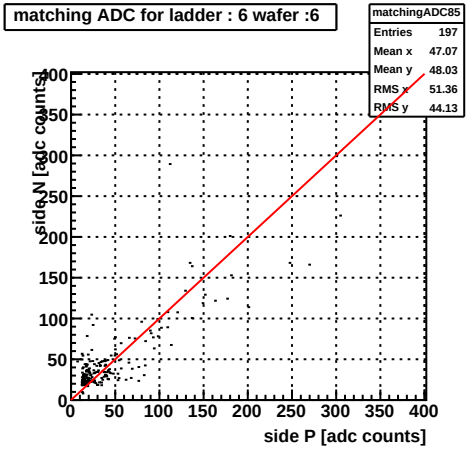

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 58
Mean x 65.63
Mean y 49.46
RMS x 43.07
RMS y 26.73
side N [adc counts]
side P [adc counts]

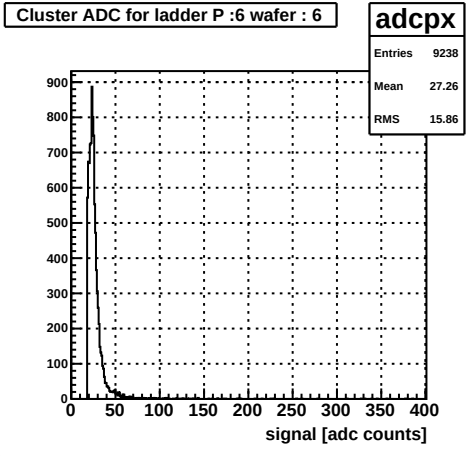

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1009
Mean 48.06
RMS 49.21
signal [adc counts]

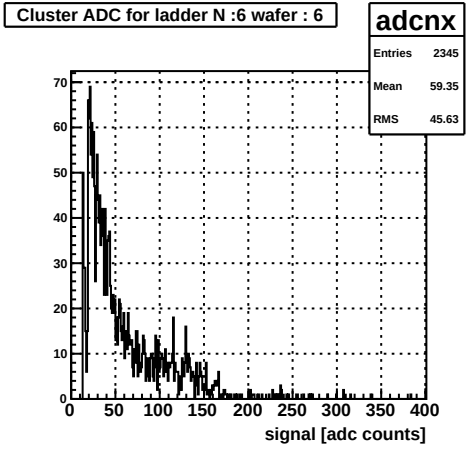

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 225
Mean 36.96
RMS 48.29
signal [adc counts]

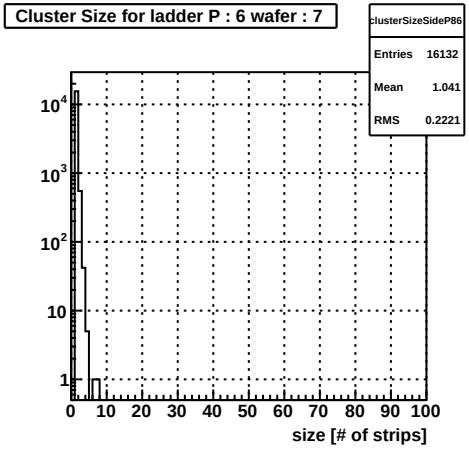

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 9238
Mean 1.026
RMS 0.1743
size [# of strips]

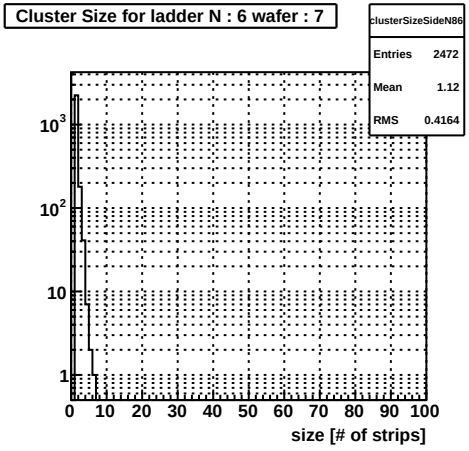

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2345
Mean 2.061
RMS 1.171
size [# of strips]

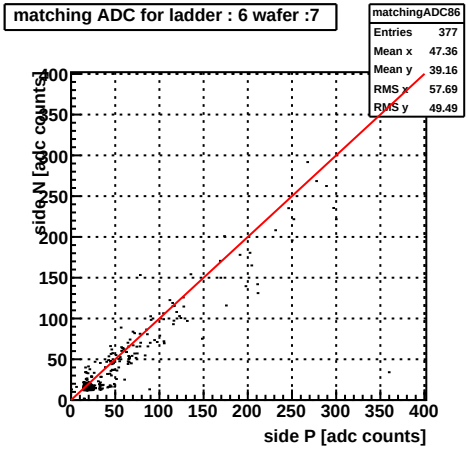

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 197
Mean x 47.07
Mean y 48.03
RMS x 51.36
RMS y 44.13
side N [adc counts]
side P [adc counts]

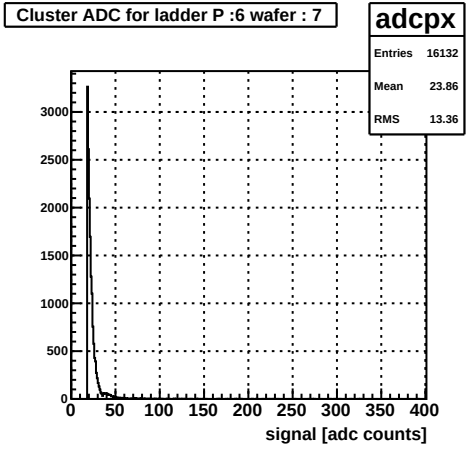

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 9238
Mean 27.26
RMS 15.86
signal [adc counts]

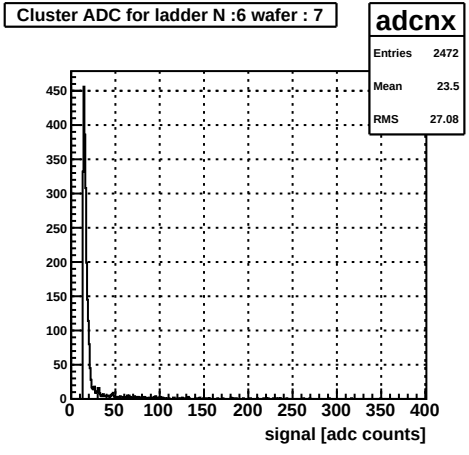

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2345
Mean 59.35
RMS 45.63
signal [adc counts]

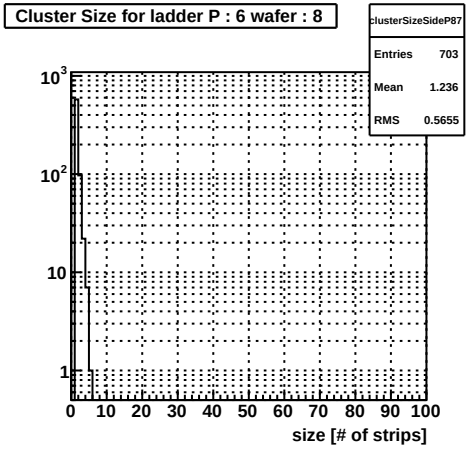

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 16132
Mean 1.041
RMS 0.2221
size [# of strips]

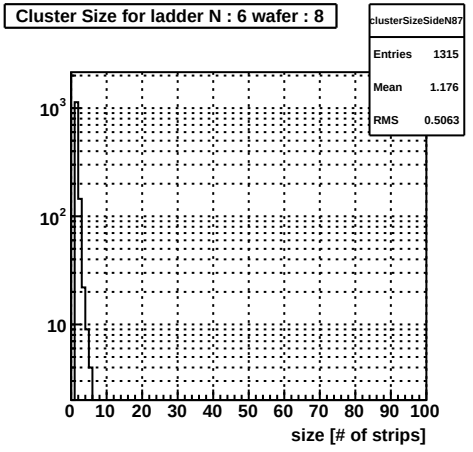

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2472
Mean 1.12
RMS 0.4164
size [# of strips]

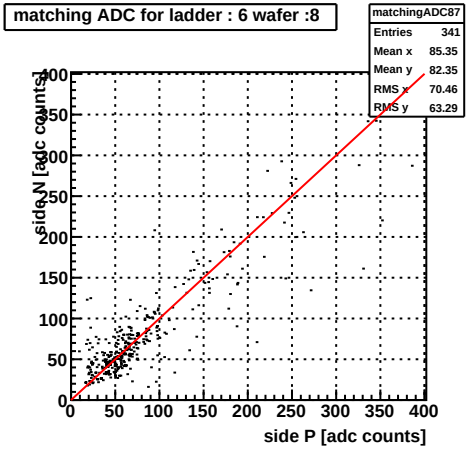

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 377
Mean x 47.36
Mean y 39.16
RMS x 57.69
RMS y 49.49
side N [adc counts]
side P [adc counts]

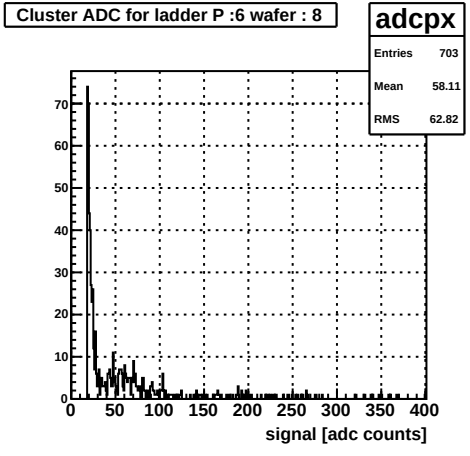

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 16132
Mean 23.86
RMS 13.36
signal [adc counts]

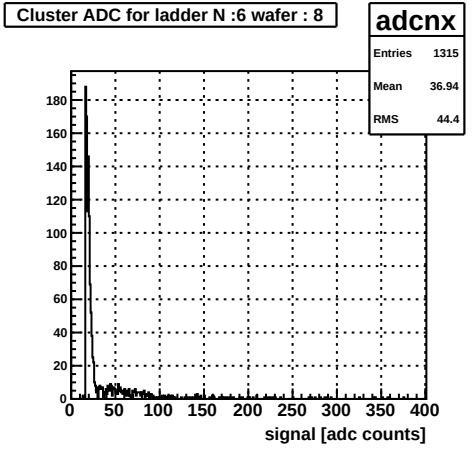

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2472
Mean 23.5
RMS 27.08
signal [adc counts]

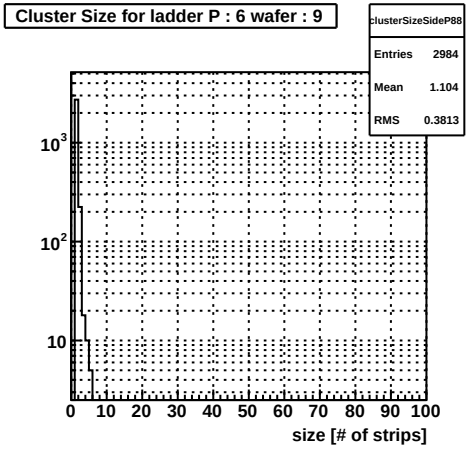

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 703
Mean 1.236
RMS 0.5655
size [# of strips]

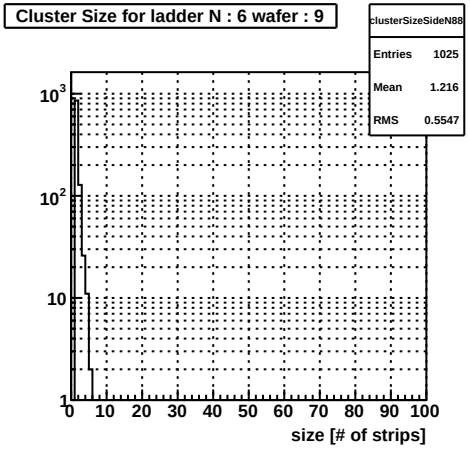

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1315
Mean 1.176
RMS 0.5063
size [# of strips]

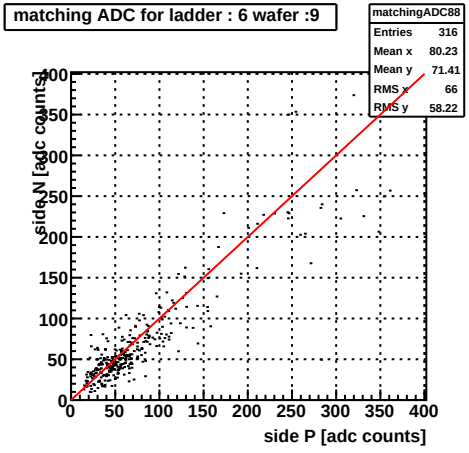

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 341
Mean x 85.35
Mean y 82.35
RMS x 70.46
RMS y 63.29
side N [adc counts]
side P [adc counts]

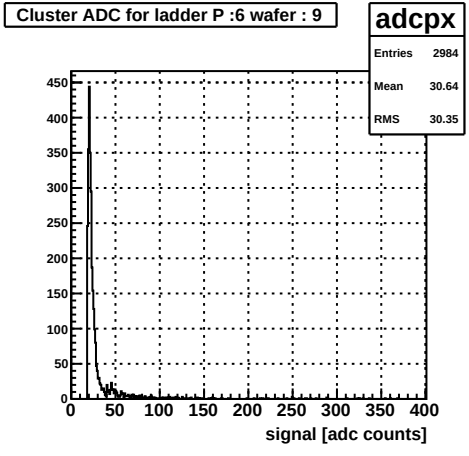

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 703
Mean 58.11
RMS 62.82
signal [adc counts]

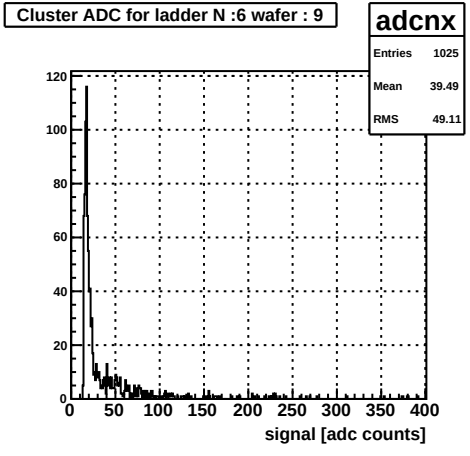

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1315
Mean 36.94
RMS 44.4
signal [adc counts]

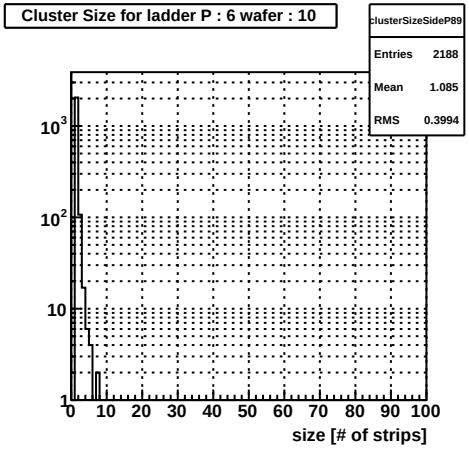

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 2984
Mean 1.104
RMS 0.3813
size [# of strips]

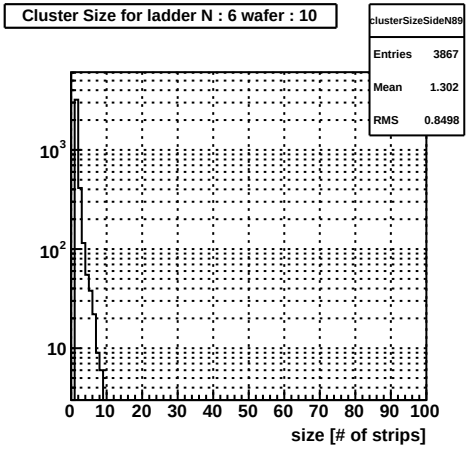

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1025
Mean 1.216
RMS 0.5547
size [# of strips]

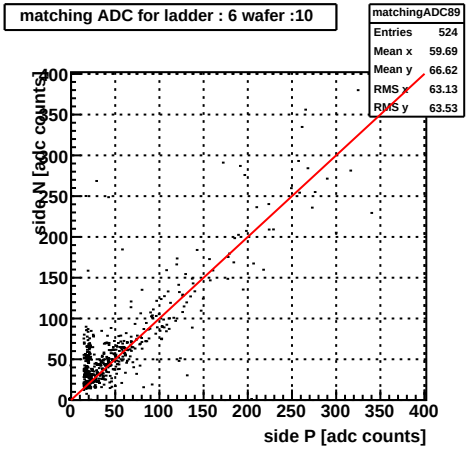

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 316
Mean x 80.23
Mean y 71.41
RMS x 66
RMS y 58.22
side N [adc counts]
side P [adc counts]

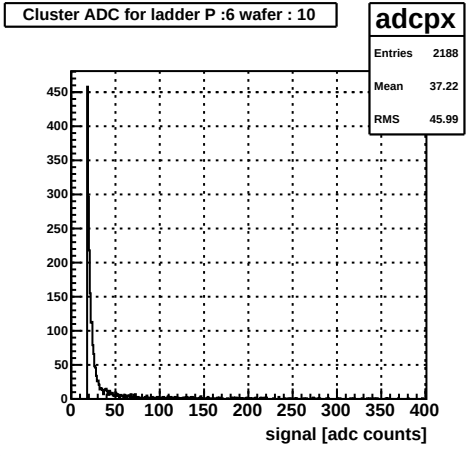

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 2984
Mean 30.64
RMS 30.35
signal [adc counts]

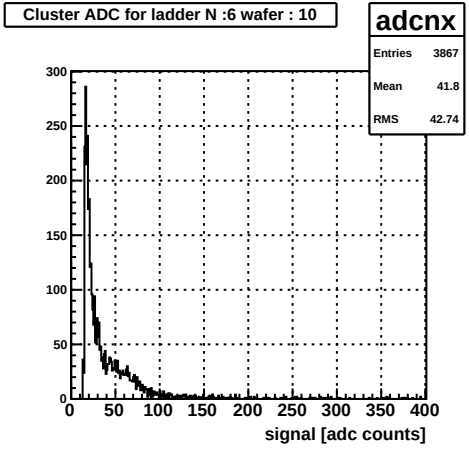

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1025
Mean 39.49
RMS 49.11
signal [adc counts]

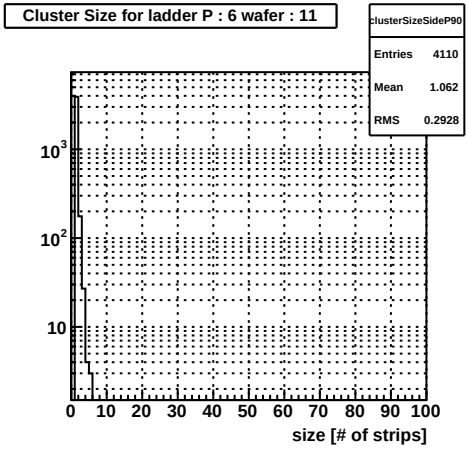

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2188
Mean 1.085
RMS 0.3994
size [# of strips]

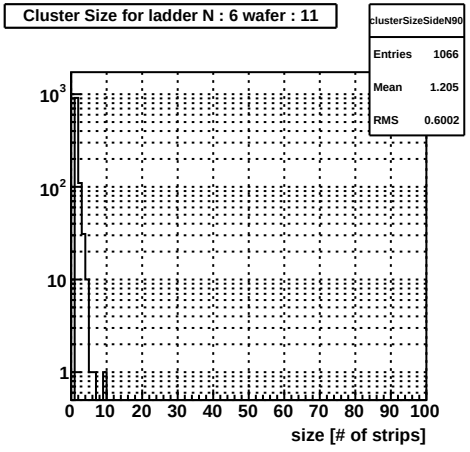

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 3867
Mean 1.302
RMS 0.8498
size [# of strips]

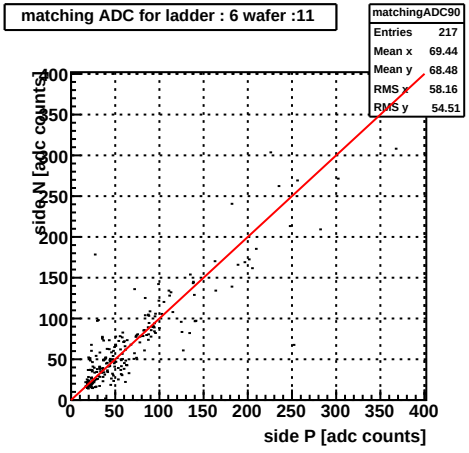

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 524
Mean x 59.69
Mean y 66.62
RMS x 63.13
RMS y 63.53
side N [adc counts]
side P [adc counts]

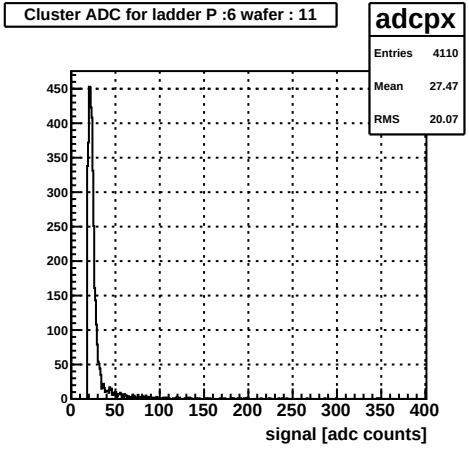

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2188
Mean 37.22
RMS 45.99
signal [adc counts]

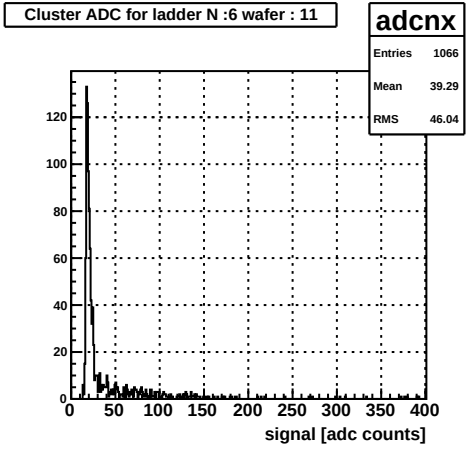

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 3867
Mean 41.8
RMS 42.74
signal [adc counts]

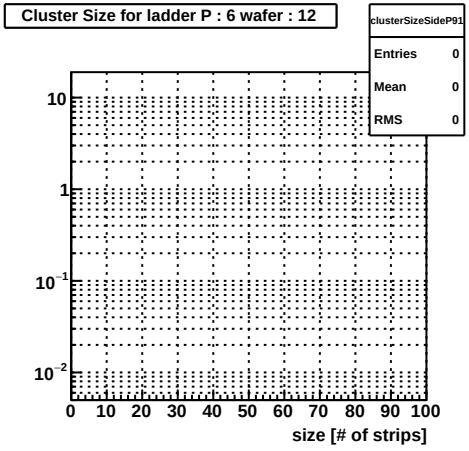

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 4110
Mean 1.062
RMS 0.2928
size [# of strips]

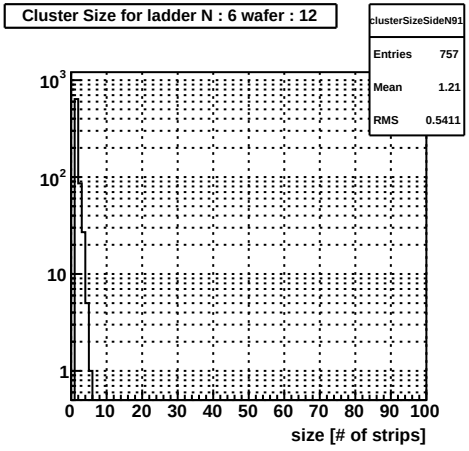

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1066
Mean 1.205
RMS 0.6002
size [# of strips]

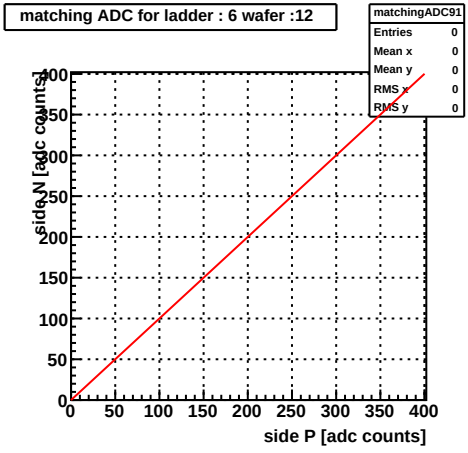

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 217
Mean x 69.44
Mean y 68.48
RMS x 58.16
RMS y 54.51
side N [adc counts]
side P [adc counts]

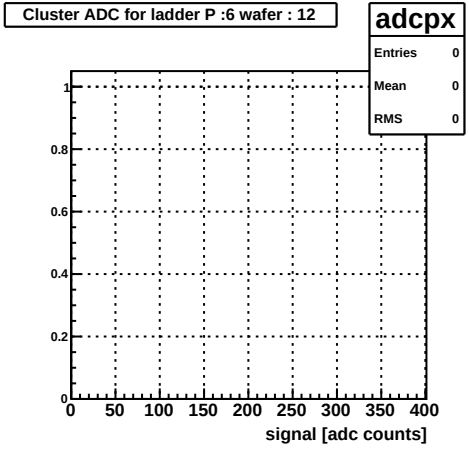

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 4110
Mean 27.47
RMS 20.07
signal [adc counts]

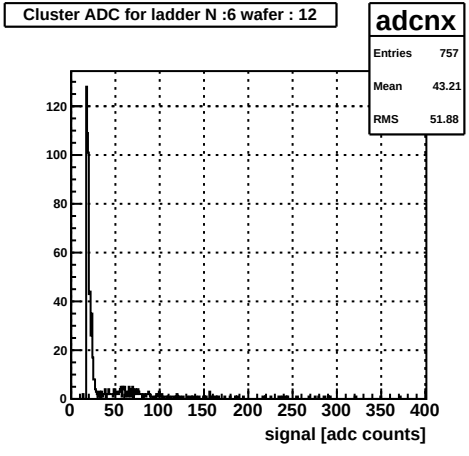

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1066
Mean 39.29
RMS 46.04
signal [adc counts]

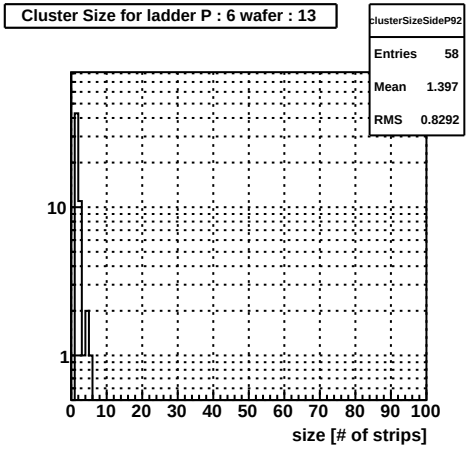

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

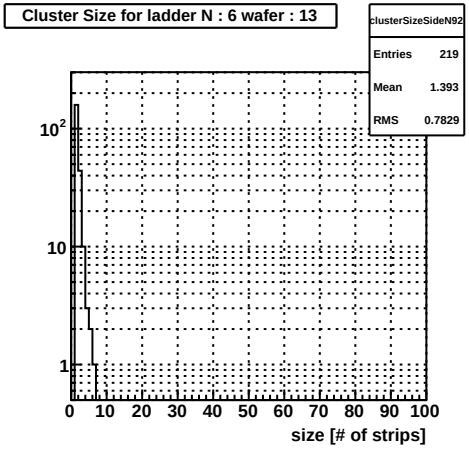

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 757
Mean 1.21
RMS 0.5411
size [# of strips]

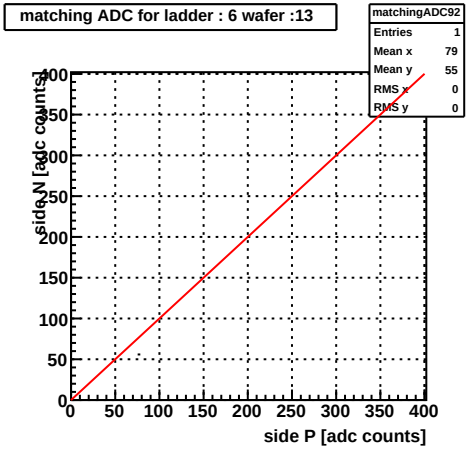

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

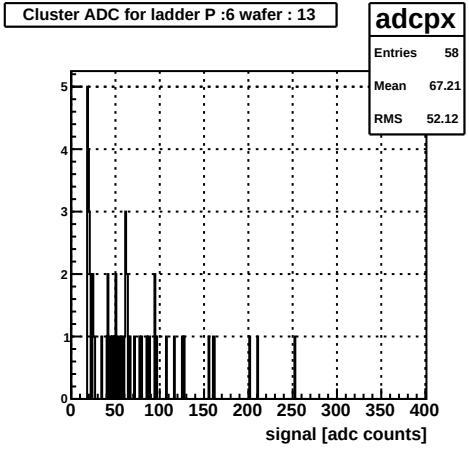

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

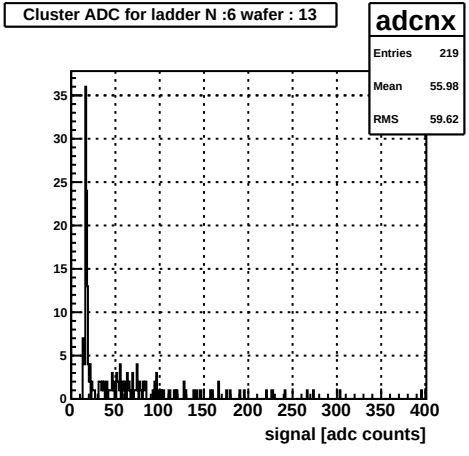

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 757
Mean 43.21
RMS 51.88
signal [adc counts]

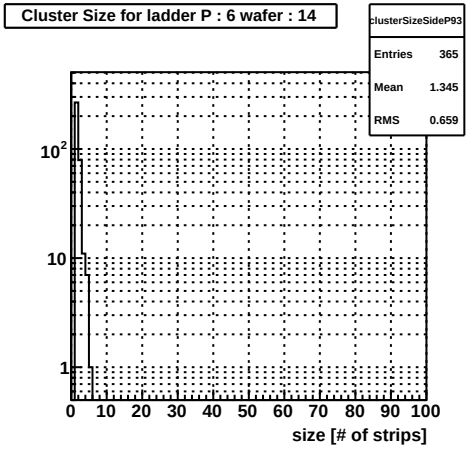

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 58
Mean 1.397
RMS 0.8292
size [# of strips]

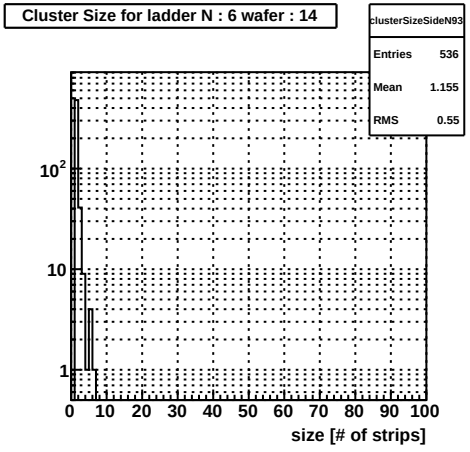

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 219
Mean 1.393
RMS 0.7829
size [# of strips]

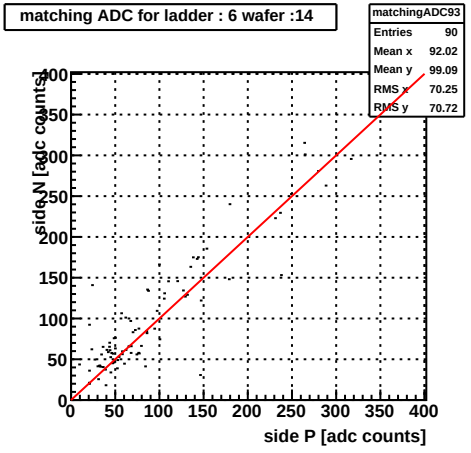

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 79
Mean y 55
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

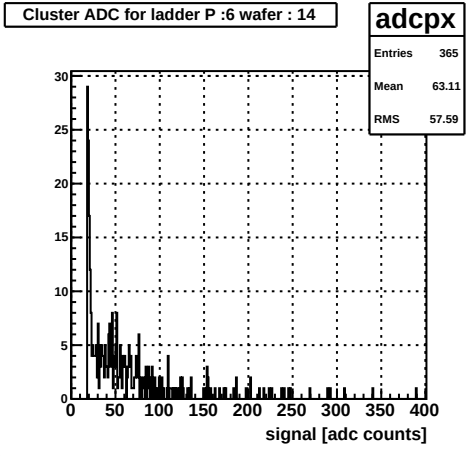

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 58
Mean 67.21
RMS 52.12
signal [adc counts]

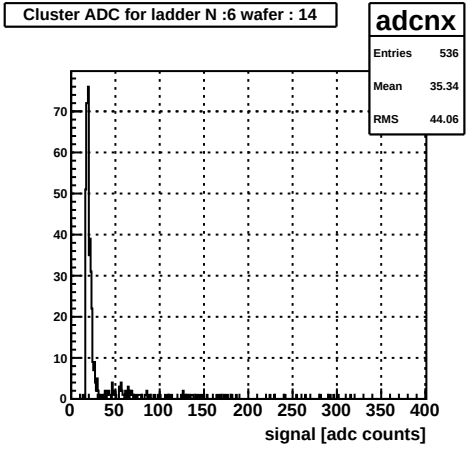

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 219
Mean 55.98
RMS 59.62
signal [adc counts]

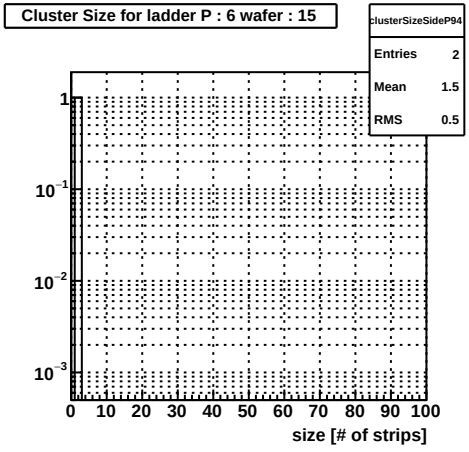

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 365
Mean 1.345
RMS 0.659
size [# of strips]

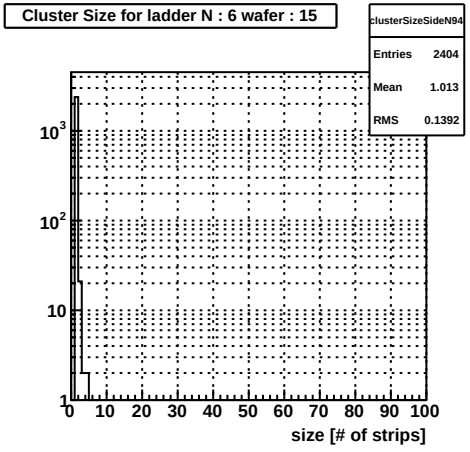

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 536
Mean 1.155
RMS 0.55
size [# of strips]

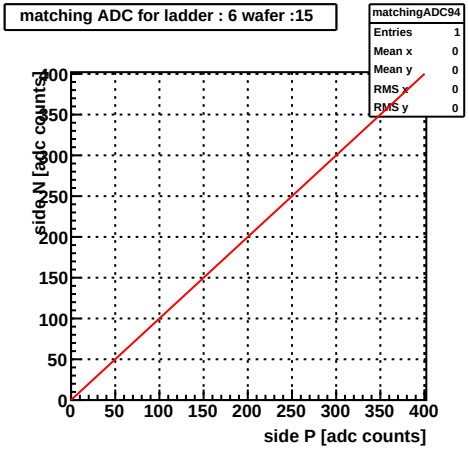

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 90
Mean x 92.02
Mean y 99.09
RMS x 70.25
RMS y 70.72
side N [adc counts]
side P [adc counts]

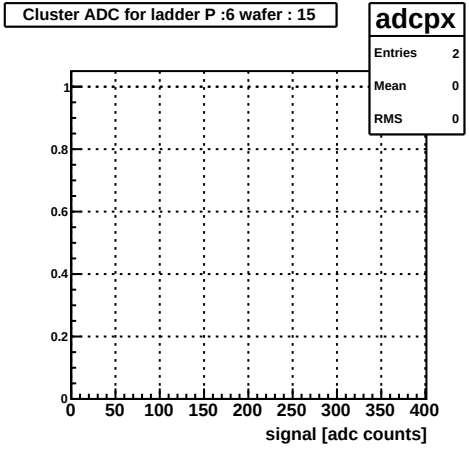

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 365
Mean 63.11
RMS 57.59
signal [adc counts]

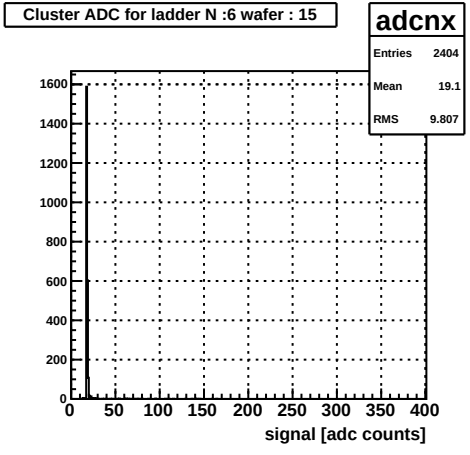

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 536
Mean 35.34
RMS 44.06
signal [adc counts]

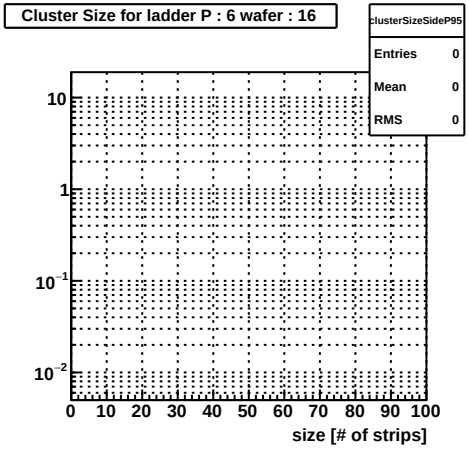

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

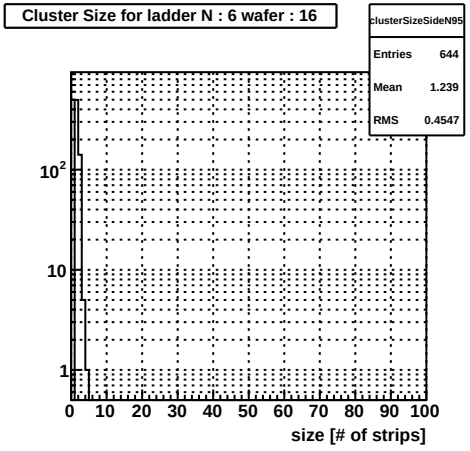

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2404
Mean 1.013
RMS 0.1392
size [# of strips]

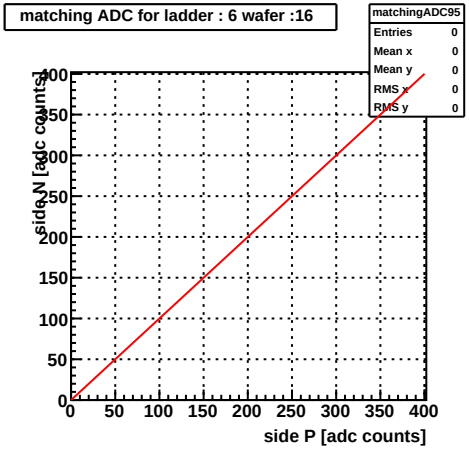

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

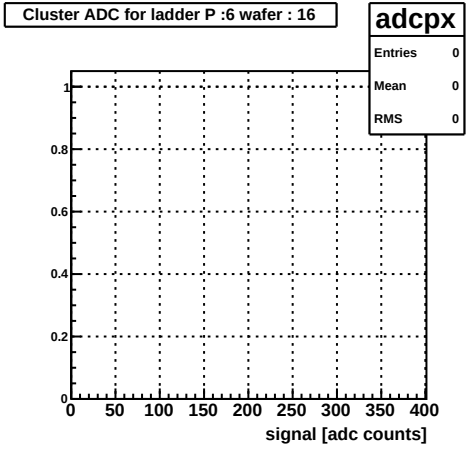

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

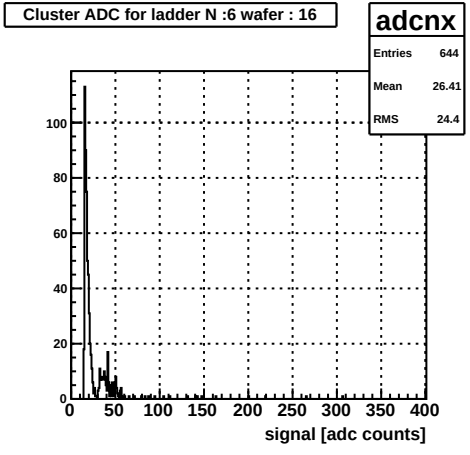

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2404
Mean 19.1
RMS 9.807
signal [adc counts]

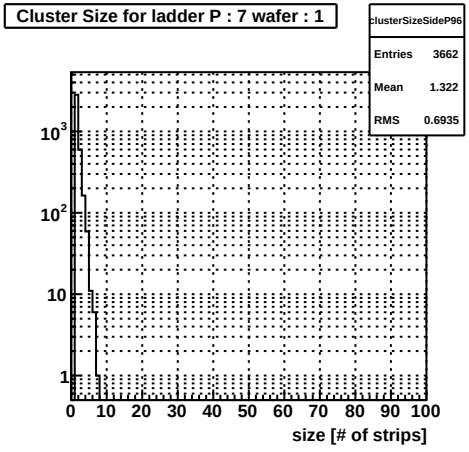

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

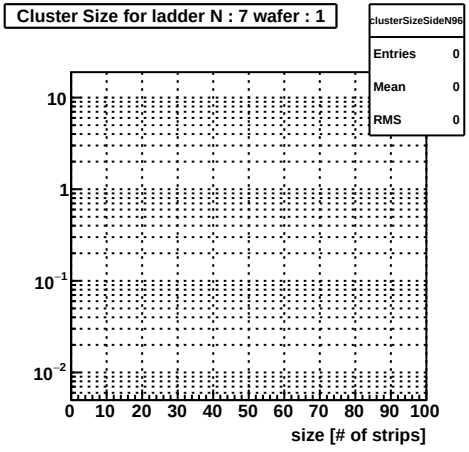

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 644
Mean 1.239
RMS 0.4547
size [# of strips]

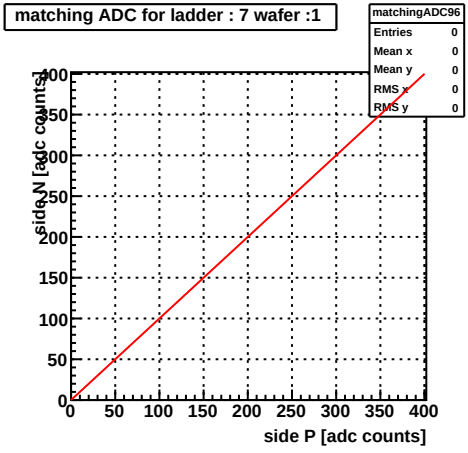

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

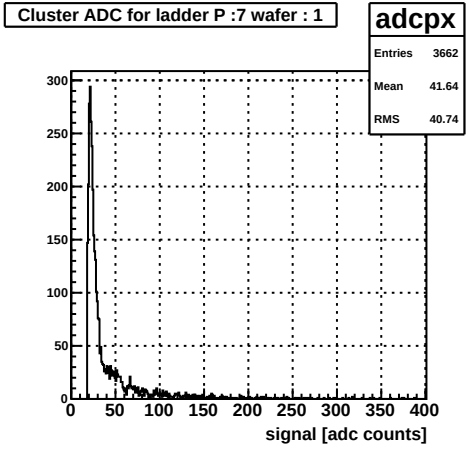

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

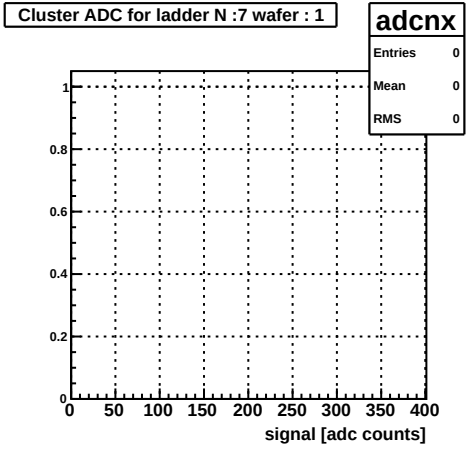

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 644
Mean 26.41
RMS 24.4
signal [adc counts]

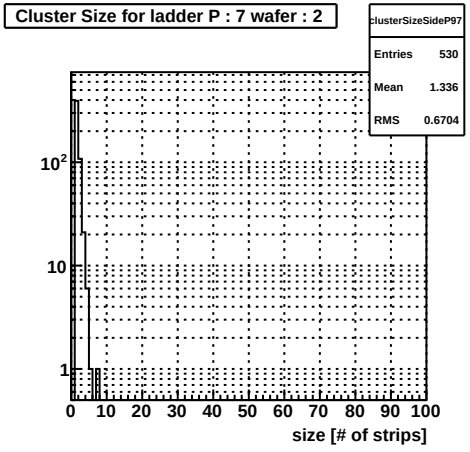

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 3662
Mean 1.322
RMS 0.6935
size [# of strips]

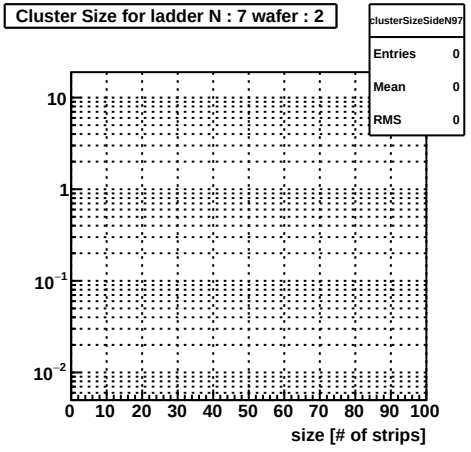

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

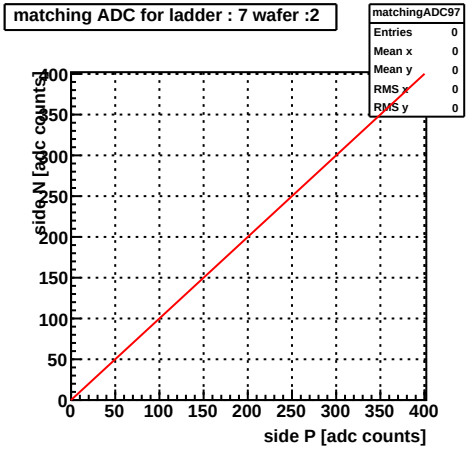

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

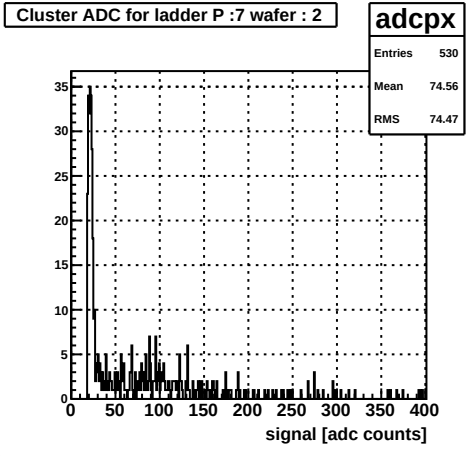

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 3662
Mean 41.64
RMS 40.74
signal [adc counts]

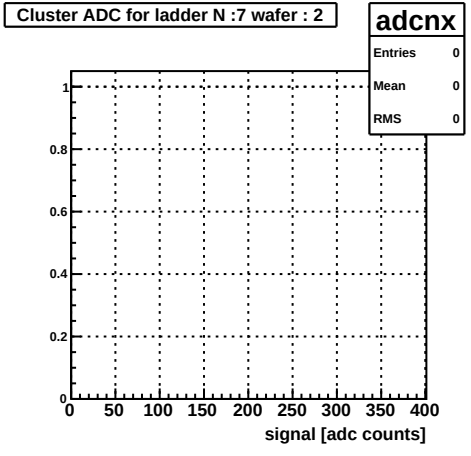

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

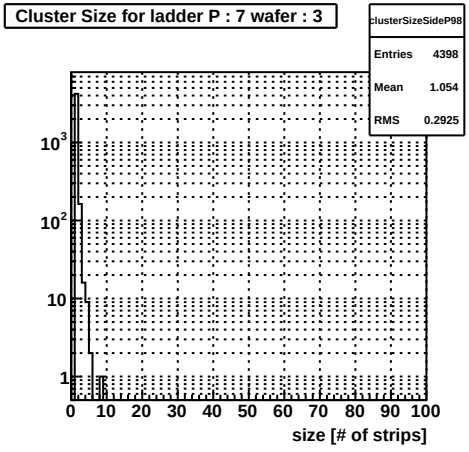

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 530
Mean 1.336
RMS 0.6704
size [# of strips]

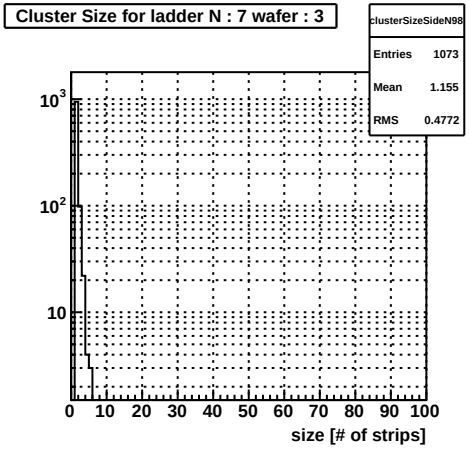

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

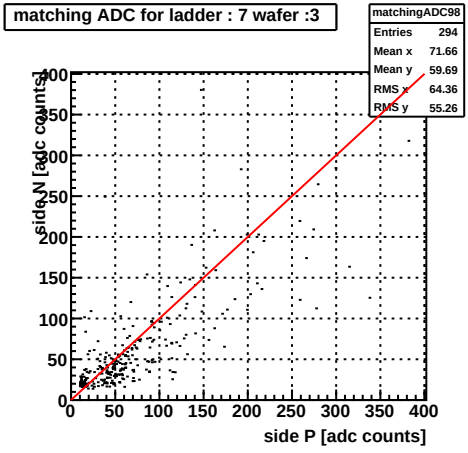

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

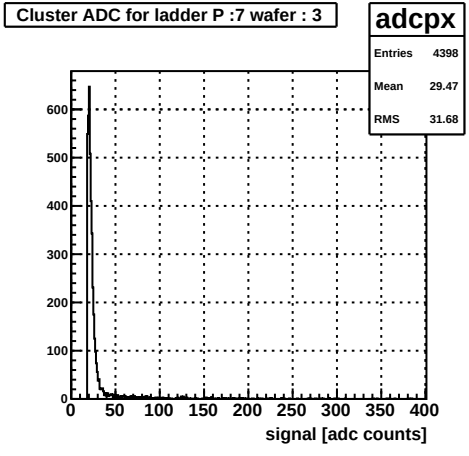

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 530
Mean 74.56
RMS 74.47
signal [adc counts]

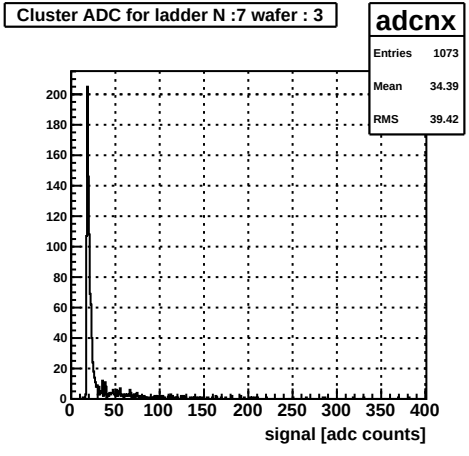

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

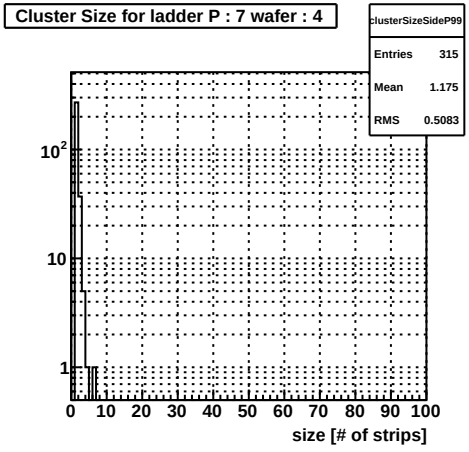

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 4398
Mean 1.054
RMS 0.2925
size [# of strips]

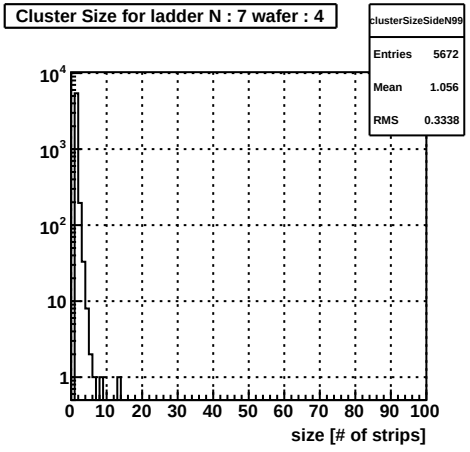

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1073
Mean 1.155
RMS 0.4772
size [# of strips]

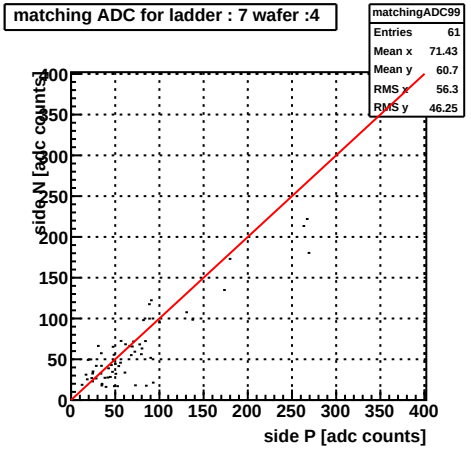

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 294
Mean x 71.66
Mean y 59.69
RMS x 64.36
RMS y 55.26
side N [adc counts]
side P [adc counts]

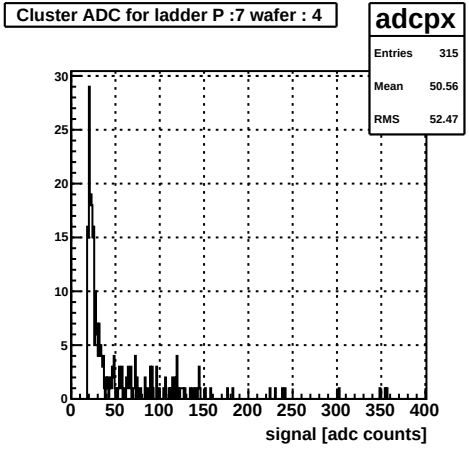

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 4398
Mean 29.47
RMS 31.68
signal [adc counts]

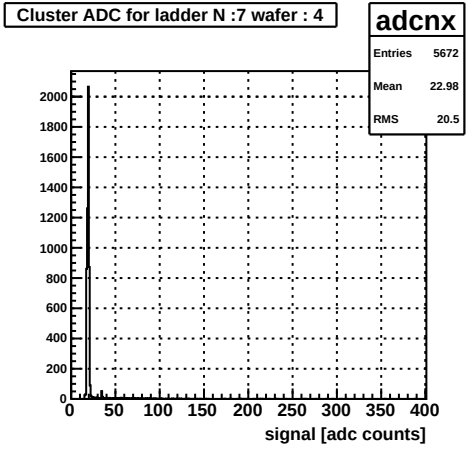

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1073
Mean 34.39
RMS 39.42
signal [adc counts]

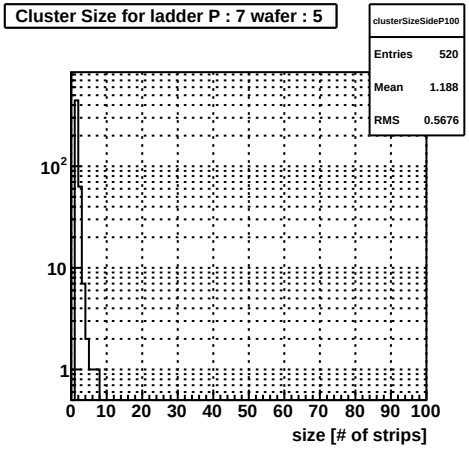

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 315
Mean 1.175
RMS 0.5083
size [# of strips]

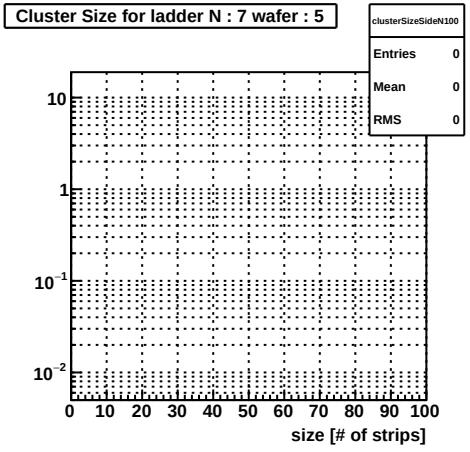

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 5672
Mean 1.056
RMS 0.3338
size [# of strips]

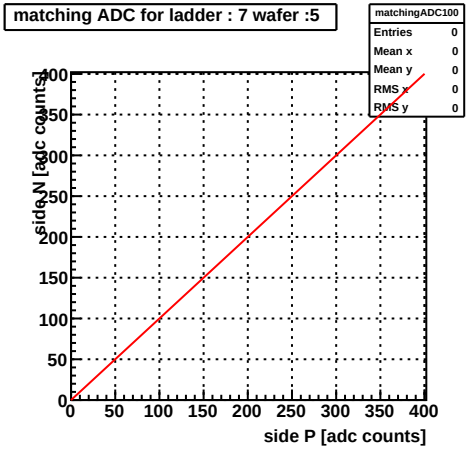

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 61
Mean x 71.43
Mean y 60.7
RMS x 56.3
RMS y 46.25
side N [adc counts]
side P [adc counts]

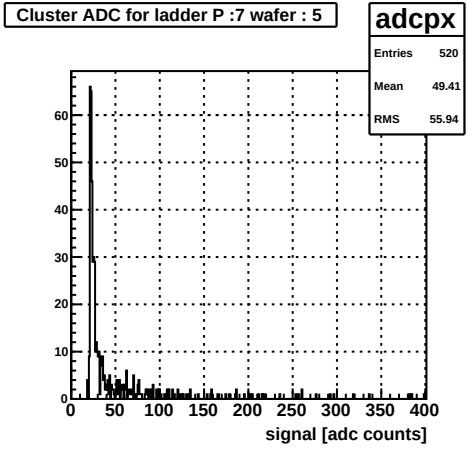

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 315
Mean 50.56
RMS 52.47
signal [adc counts]

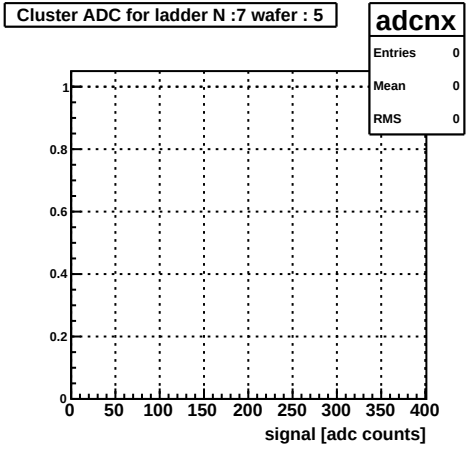

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 5672
Mean 22.98
RMS 20.5
signal [adc counts]

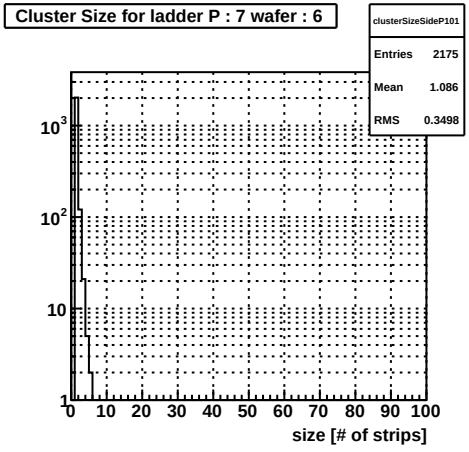

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 520
Mean 1.188
RMS 0.5676
size [# of strips]

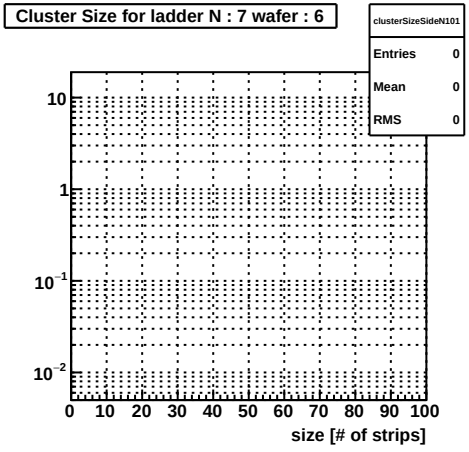

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

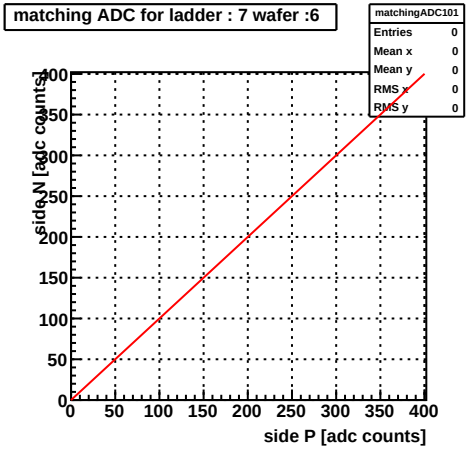

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

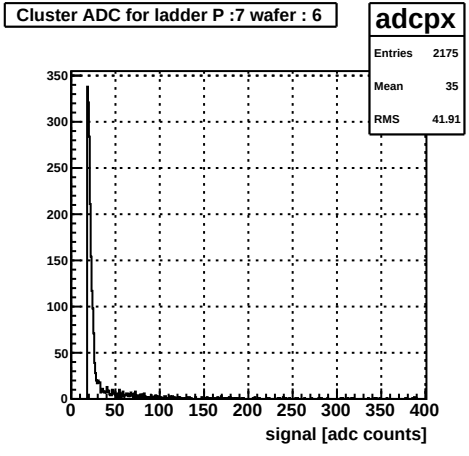

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 520
Mean 49.41
RMS 55.94
signal [adc counts]

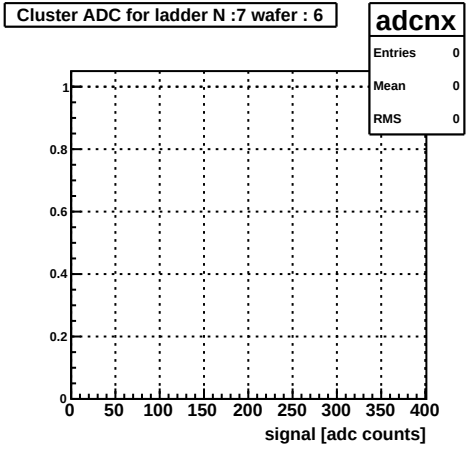

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

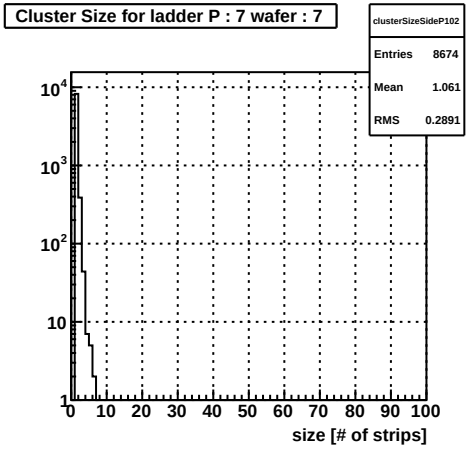

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2175
Mean 1.086
RMS 0.3498
size [# of strips]

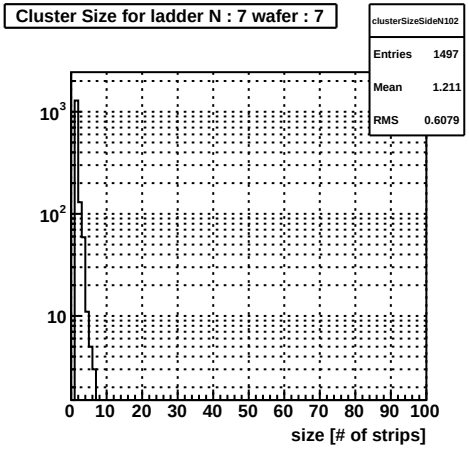

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

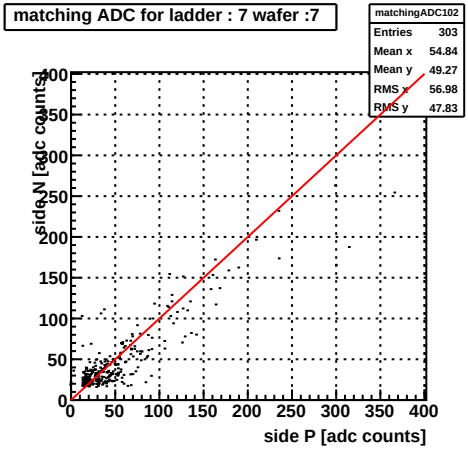

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

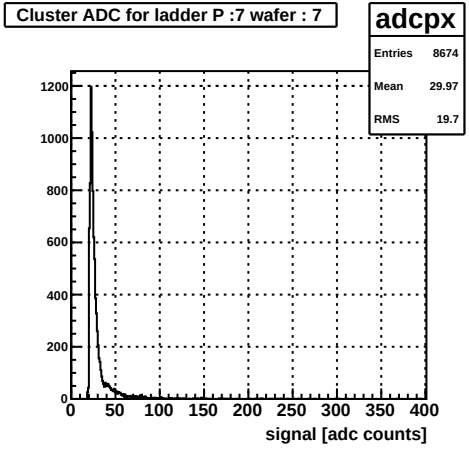

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2175
Mean 35
RMS 41.91
signal [adc counts]

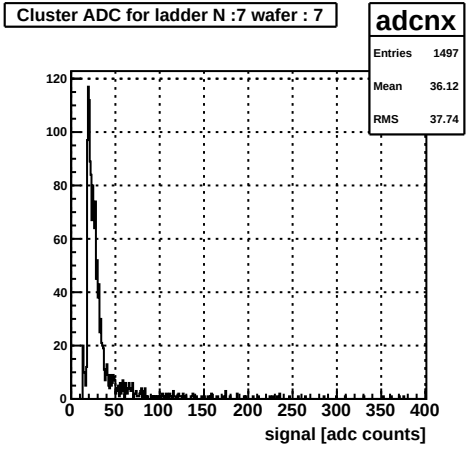

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

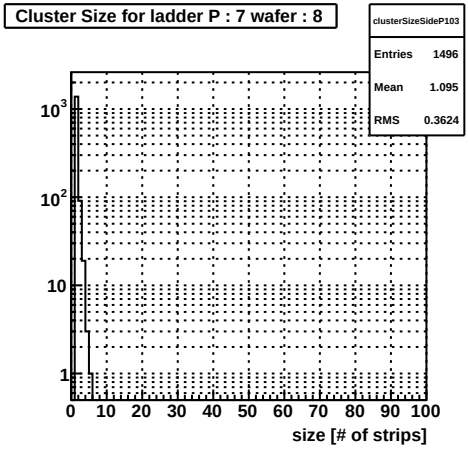

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 8674
Mean 1.061
RMS 0.2891
size [# of strips]

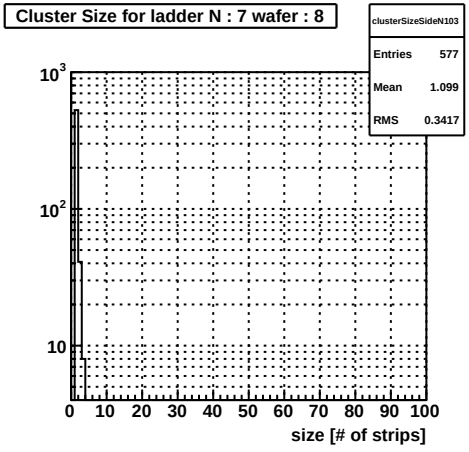

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1497
Mean 1.211
RMS 0.6079
size [# of strips]

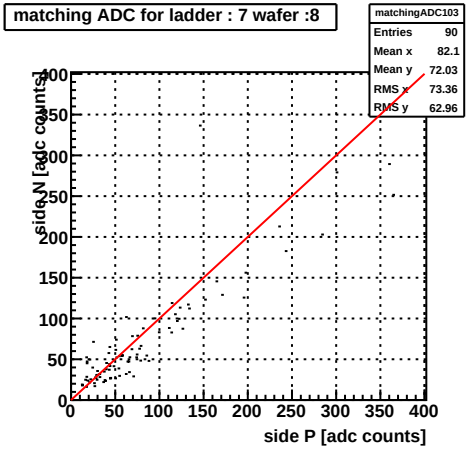

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 303
Mean x 54.84
Mean y 49.27
RMS x 56.98
RMS y 47.83
side N [adc counts]
side P [adc counts]

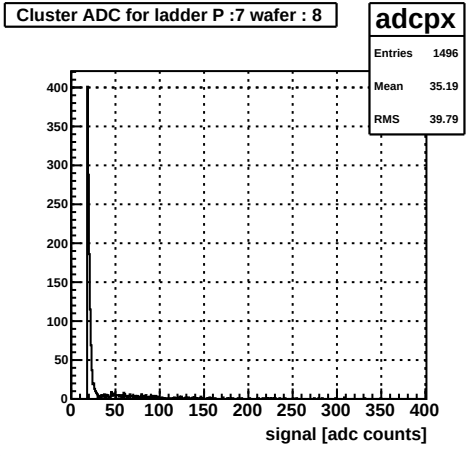

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 8674
Mean 29.97
RMS 19.7
signal [adc counts]

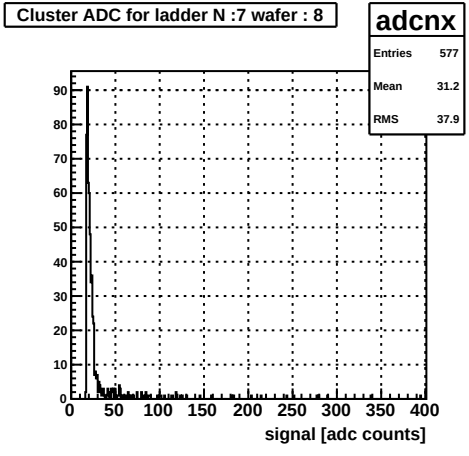

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1497
Mean 36.12
RMS 37.74
signal [adc counts]

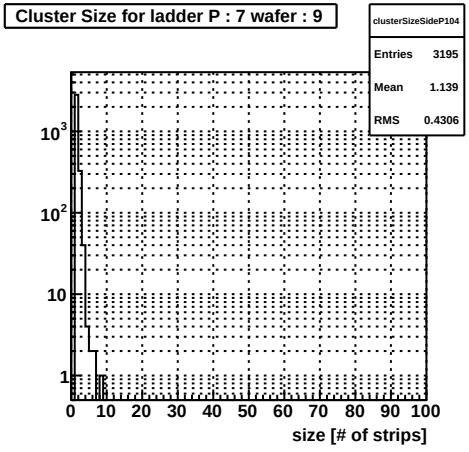

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1496
Mean 1.095
RMS 0.3624
size [# of strips]

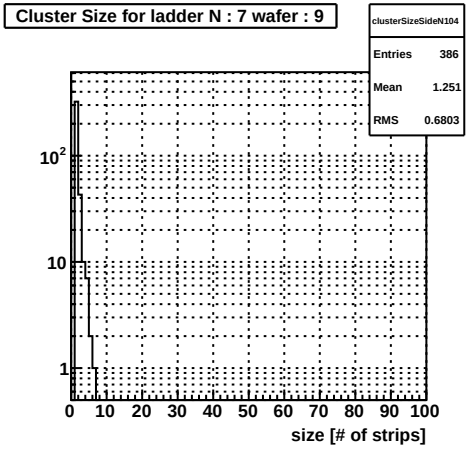

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 577
Mean 1.099
RMS 0.3417
size [# of strips]

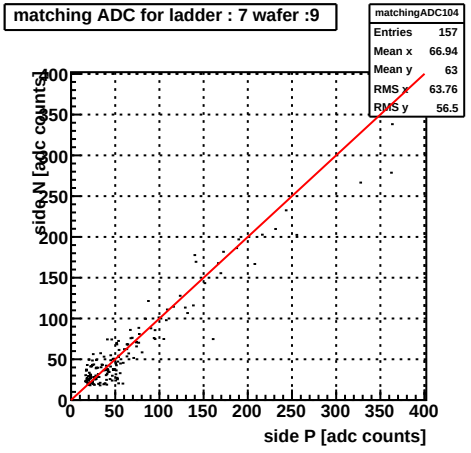

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 90
Mean x 82.1
Mean y 72.03
RMS x 73.36
RMS y 62.96
side N [adc counts]
side P [adc counts]

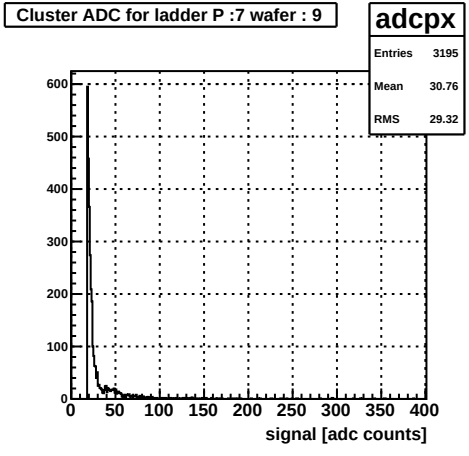

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1496
Mean 35.19
RMS 39.79
signal [adc counts]

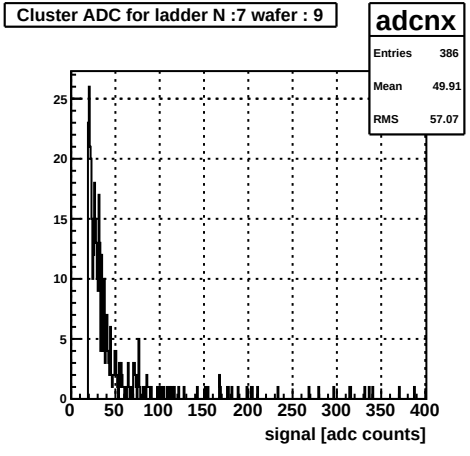

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 577
Mean 31.2
RMS 37.9
signal [adc counts]

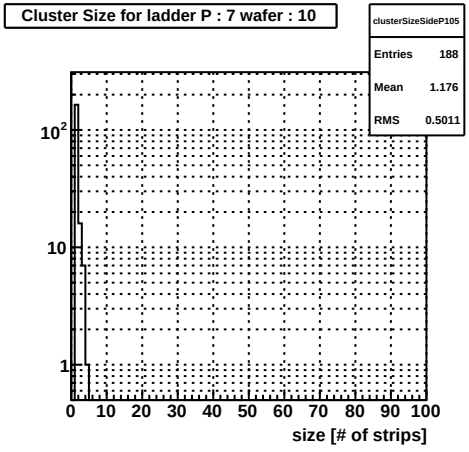

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 3195
Mean 1.139
RMS 0.4306
size [# of strips]

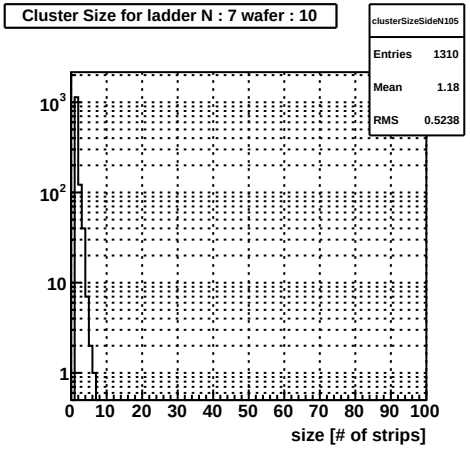

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 386
Mean 1.251
RMS 0.6803
size [# of strips]

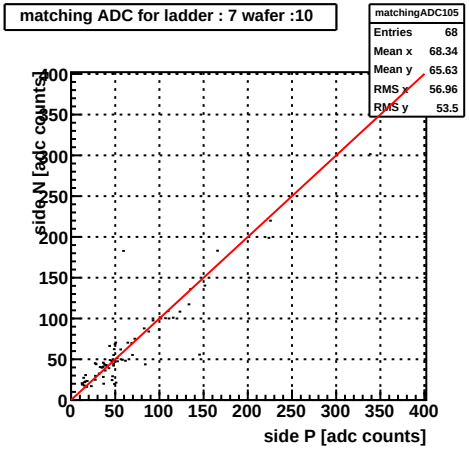

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 157
Mean x 66.94
Mean y 63
RMS x 63.76
RMS y 56.5
side N [adc counts]
side P [adc counts]

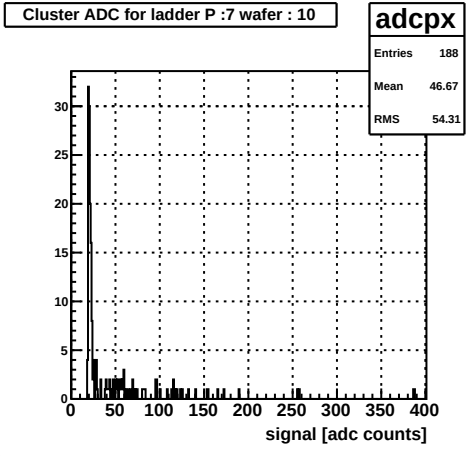

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 3195
Mean 30.76
RMS 29.32
signal [adc counts]

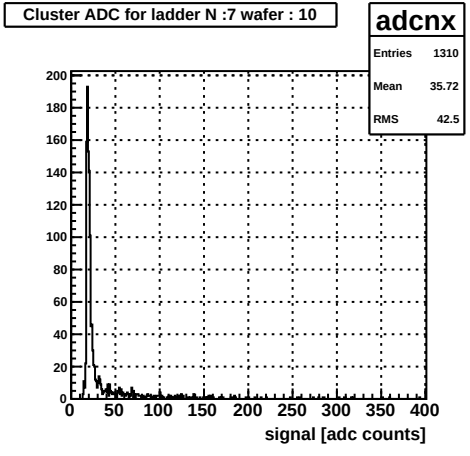

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 386
Mean 49.91
RMS 57.07
signal [adc counts]

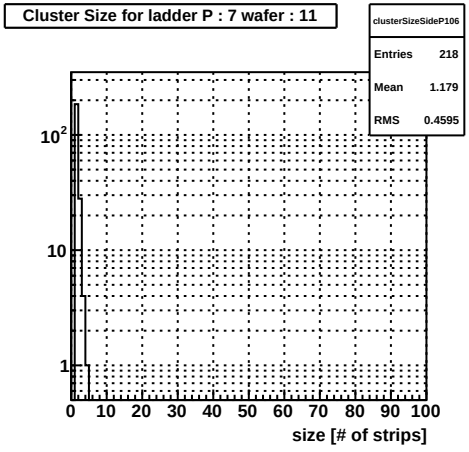

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 188
Mean 1.176
RMS 0.5011
size [# of strips]

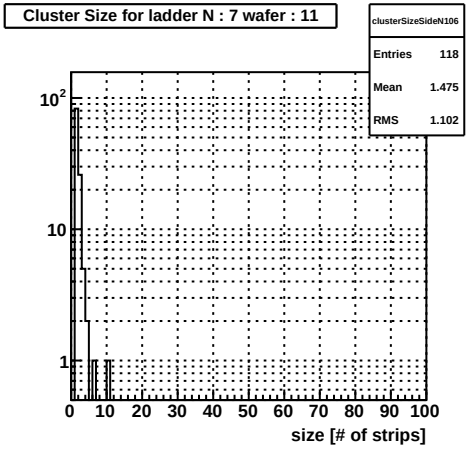

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1310
Mean 1.18
RMS 0.5238
size [# of strips]

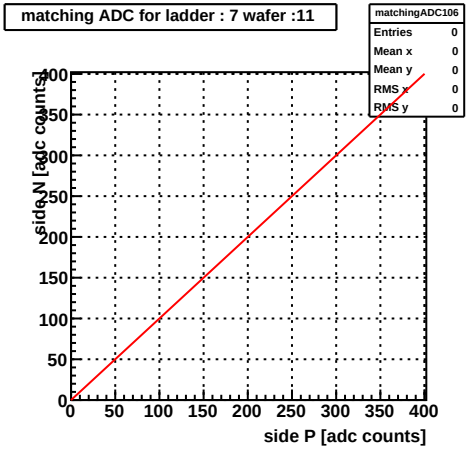

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 68
Mean x 68.34
Mean y 65.63
RMS x 56.96
RMS y 53.5
side N [adc counts]
side P [adc counts]

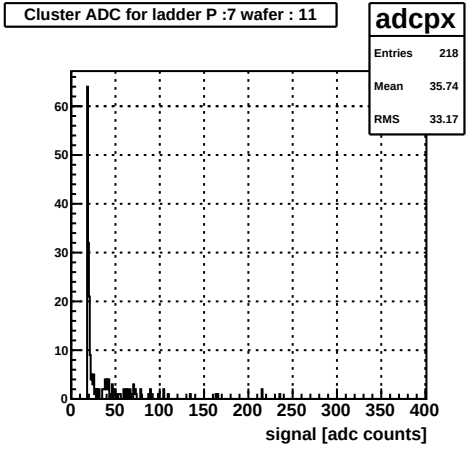

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 188
Mean 46.67
RMS 54.31
signal [adc counts]

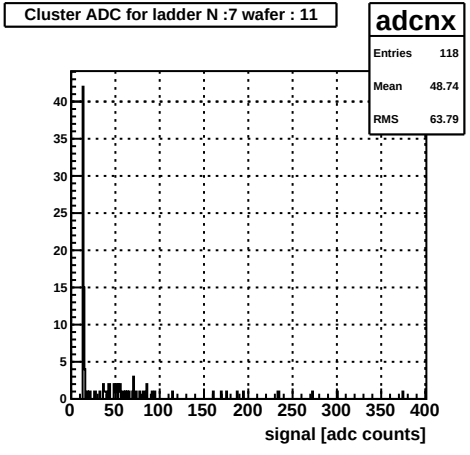

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1310
Mean 35.72
RMS 42.5
signal [adc counts]

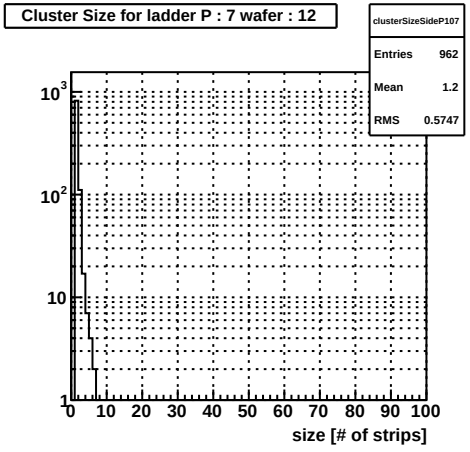

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 218
Mean 1.179
RMS 0.4595
size [# of strips]

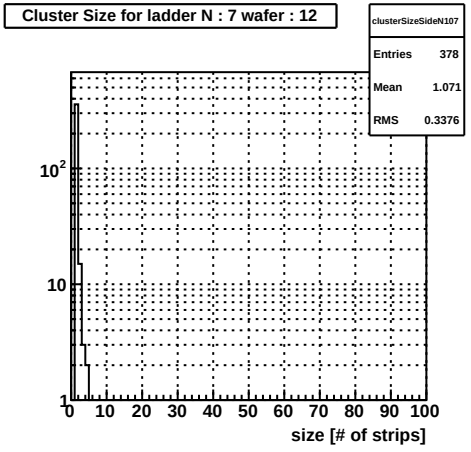

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 118
Mean 1.475
RMS 1.102
size [# of strips]

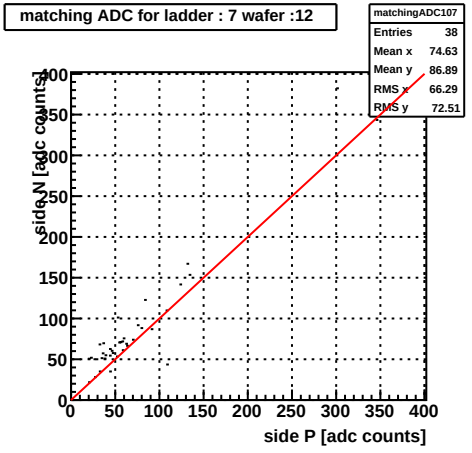

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

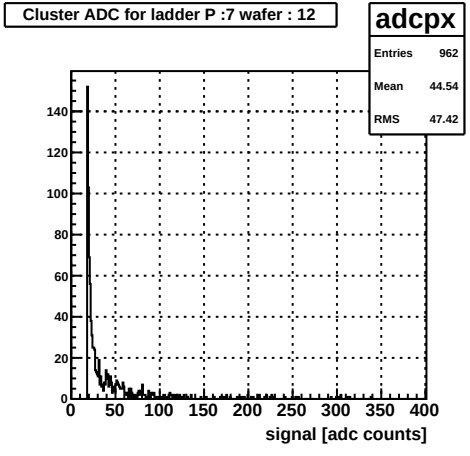

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 218
Mean 35.74
RMS 33.17
signal [adc counts]

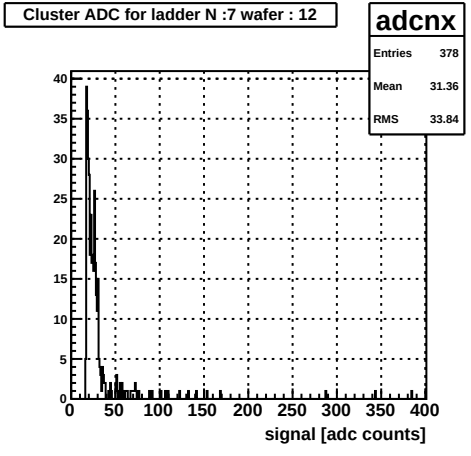

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 118
Mean 48.74
RMS 63.79
signal [adc counts]

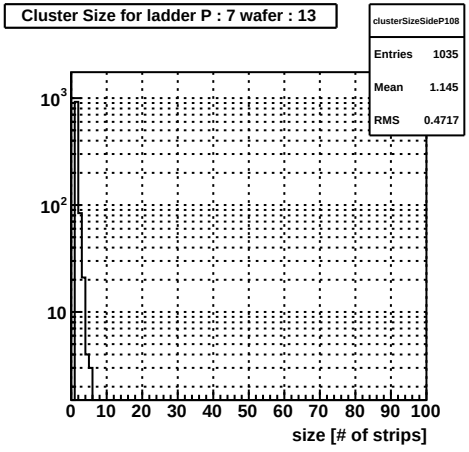

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 962
Mean 1.2
RMS 0.5747
size [# of strips]

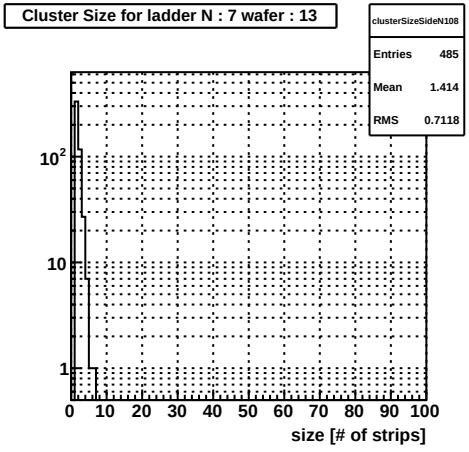

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 378
Mean 1.071
RMS 0.3376
size [# of strips]

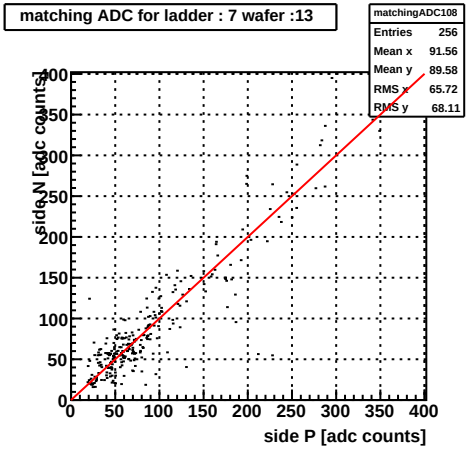

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 38
Mean x 74.63
Mean y 86.89
RMS x 66.29
RMS y 72.51
side N [adc counts]
side P [adc counts]

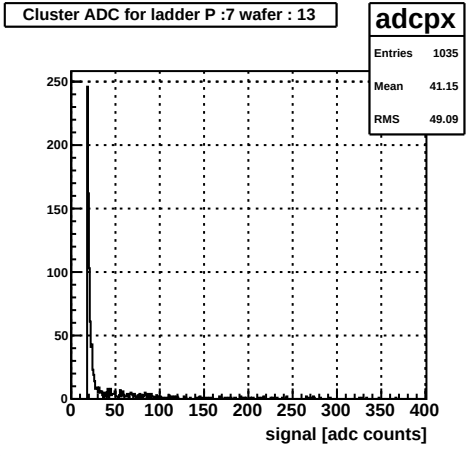

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 962
Mean 44.54
RMS 47.42
signal [adc counts]

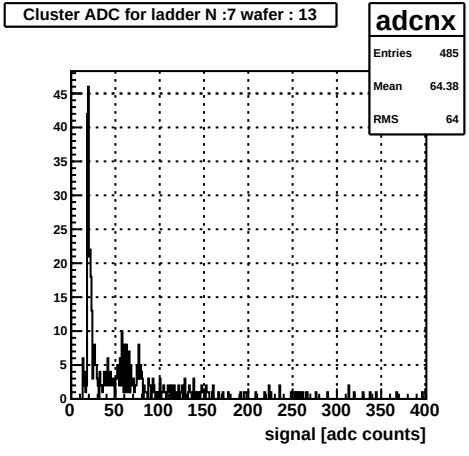

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 378
Mean 31.36
RMS 33.84
signal [adc counts]

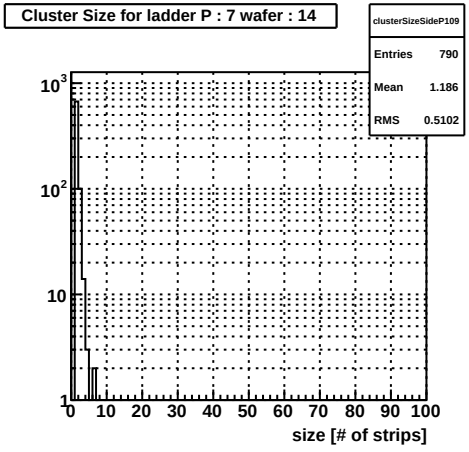

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1035
Mean 1.145
RMS 0.4717
size [# of strips]

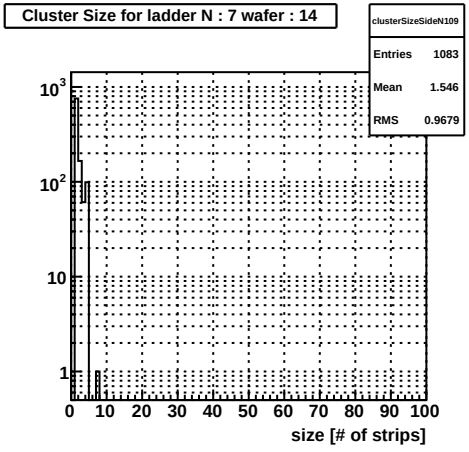

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 485
Mean 1.414
RMS 0.7118
size [# of strips]

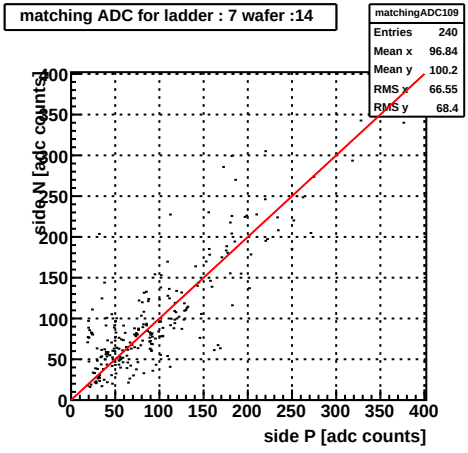

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 256
Mean x 91.56
Mean y 89.58
RMS x 65.72
RMS y 68.11
side N [adc counts]
side P [adc counts]

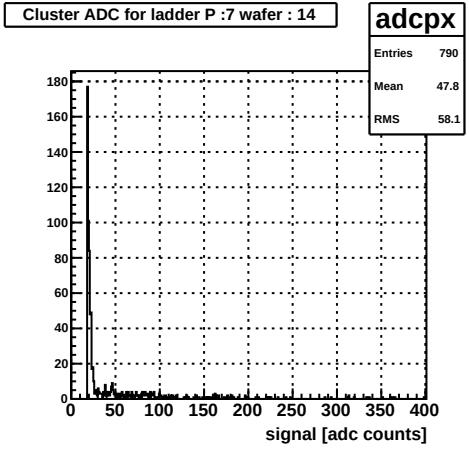

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1035
Mean 41.15
RMS 49.09
signal [adc counts]

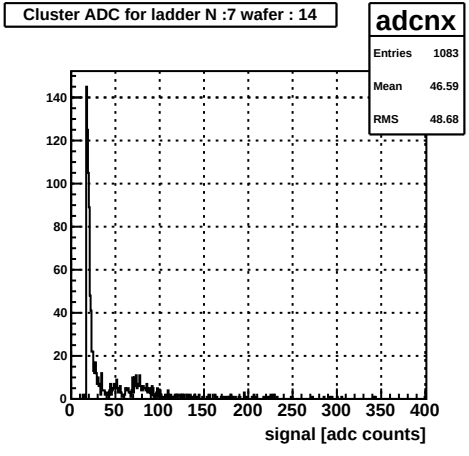

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 485
Mean 64.38
RMS 64
signal [adc counts]

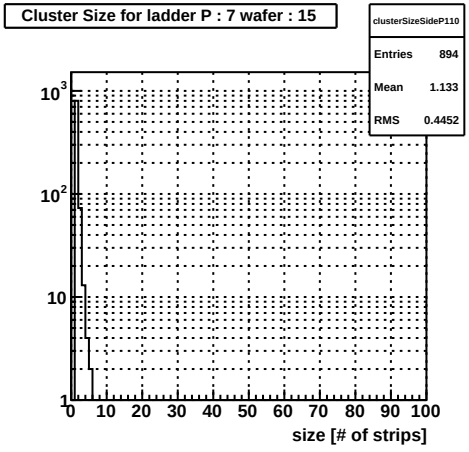

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 790
Mean 1.186
RMS 0.5102
size [# of strips]

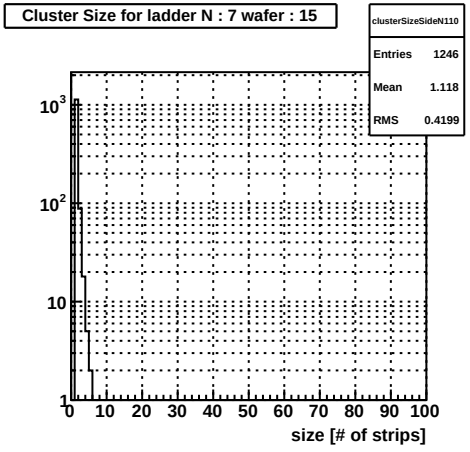

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1083
Mean 1.546
RMS 0.9679
size [# of strips]

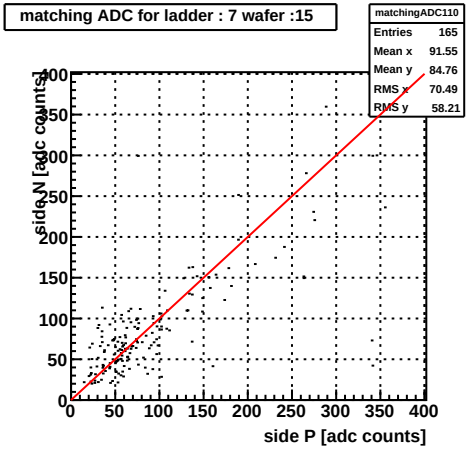

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 240
Mean x 96.84
Mean y 100.2
RMS x 66.55
RMS y 68.4
side N [adc counts]
side P [adc counts]

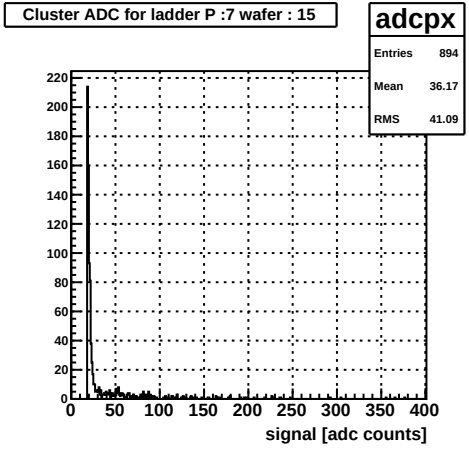

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 790
Mean 47.8
RMS 58.1
signal [adc counts]

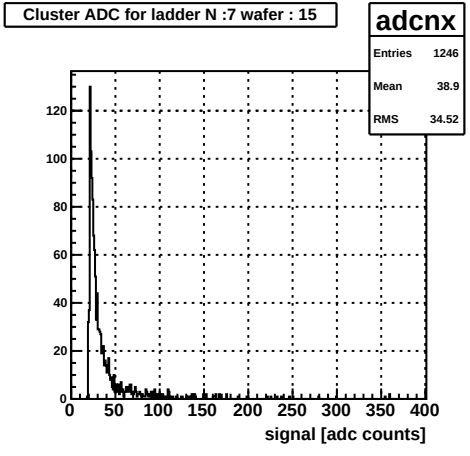

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1083
Mean 46.59
RMS 48.68
signal [adc counts]

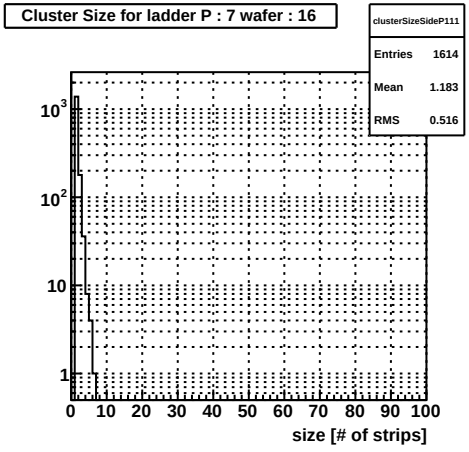

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 894
Mean 1.133
RMS 0.4452
size [# of strips]

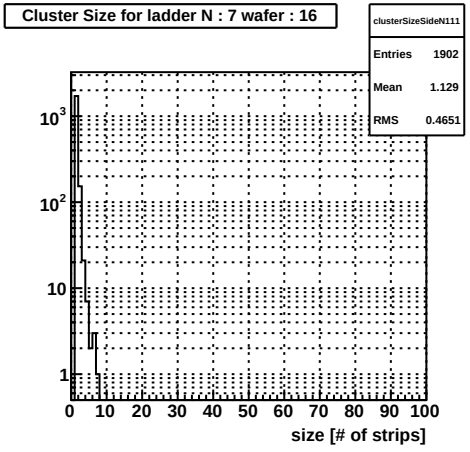

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1246
Mean 1.118
RMS 0.4199
size [# of strips]

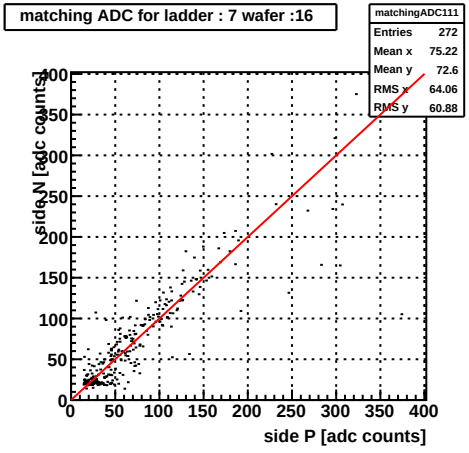

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 165
Mean x 91.55
Mean y 84.76
RMS x 70.49
RMS y 58.21
side N [adc counts]
side P [adc counts]

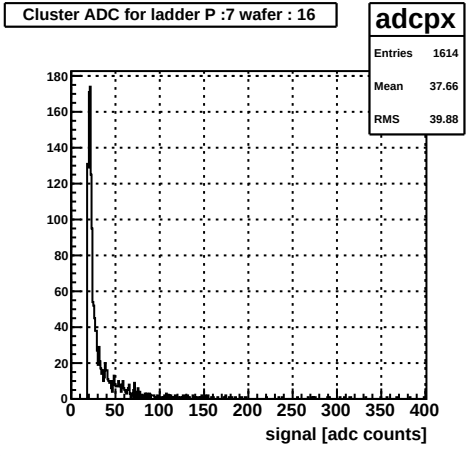

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 894
Mean 36.17
RMS 41.09
signal [adc counts]

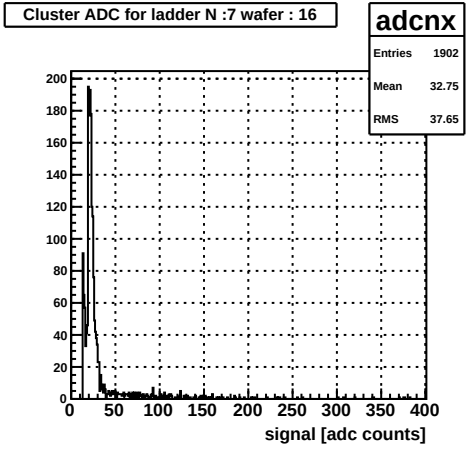

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1246
Mean 38.9
RMS 34.52
signal [adc counts]

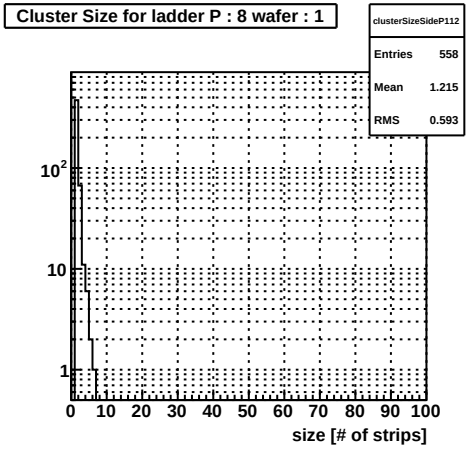

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1614
Mean 1.183
RMS 0.516
size [# of strips]

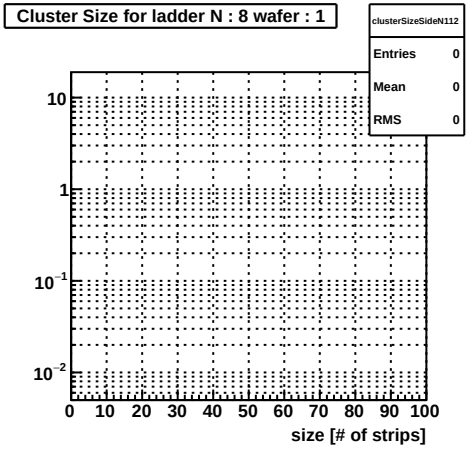

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1902
Mean 1.129
RMS 0.4651
size [# of strips]

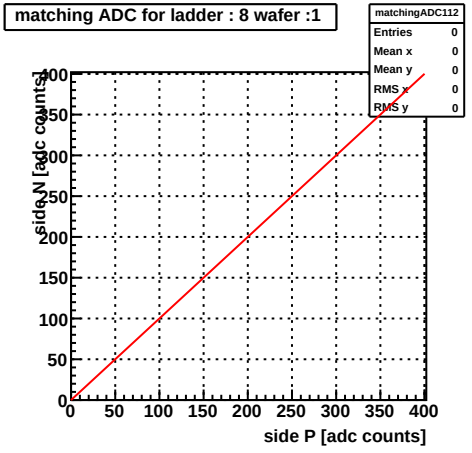

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 272
Mean x 75.22
Mean y 72.6
RMS x 64.06
RMS y 60.88
side N [adc counts]
side P [adc counts]

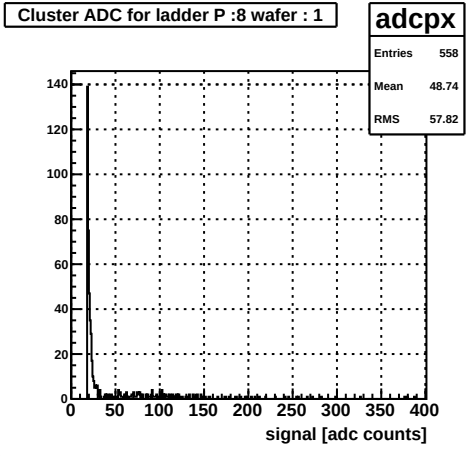

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1614
Mean 37.66
RMS 39.88
signal [adc counts]

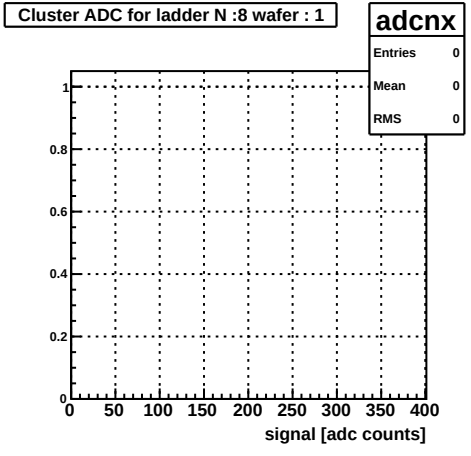

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1902
Mean 32.75
RMS 37.65
signal [adc counts]

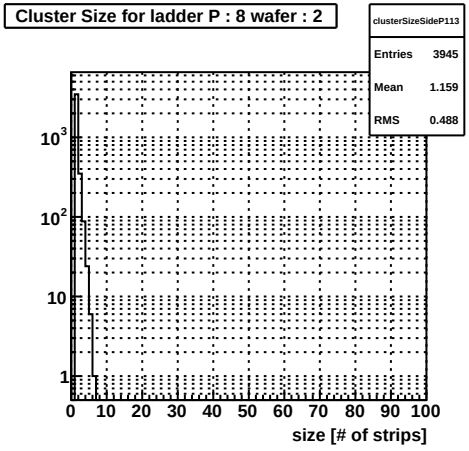

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 558
Mean 1.215
RMS 0.593
size [# of strips]

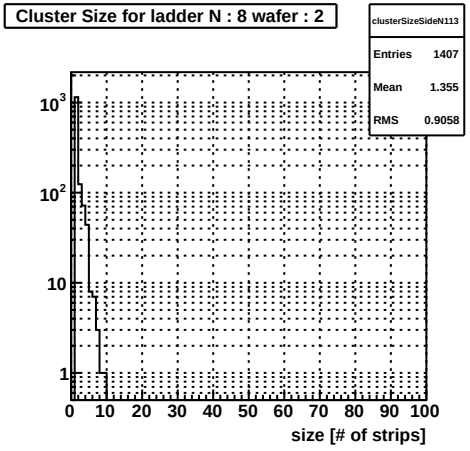

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

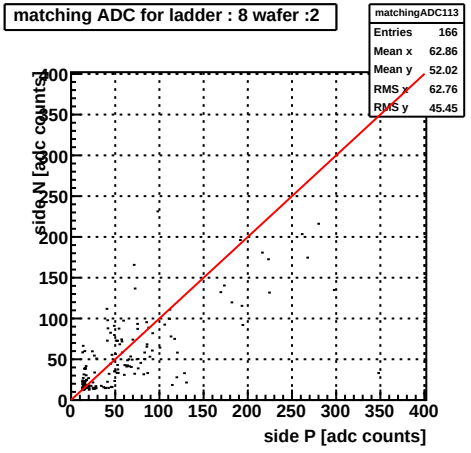

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

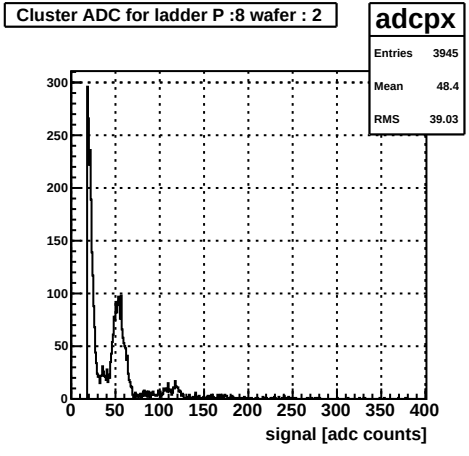

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 558
Mean 48.74
RMS 57.82
signal [adc counts]

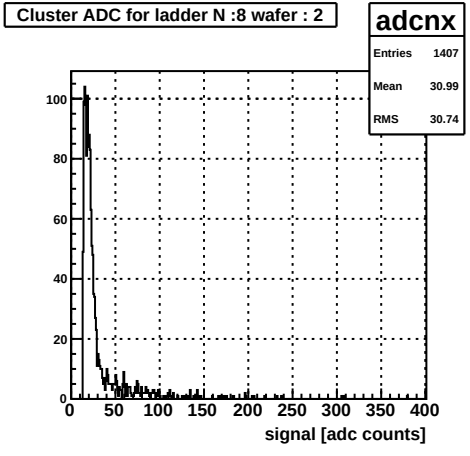

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

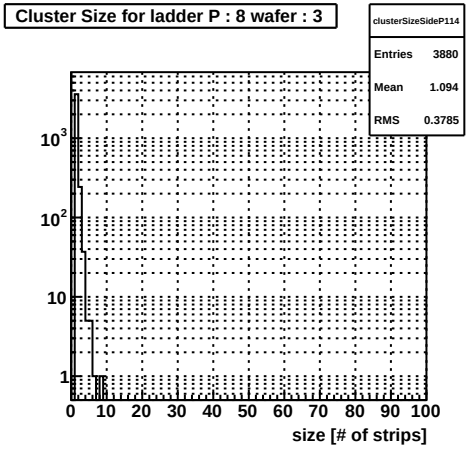

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 3945
Mean 1.159
RMS 0.488
size [# of strips]

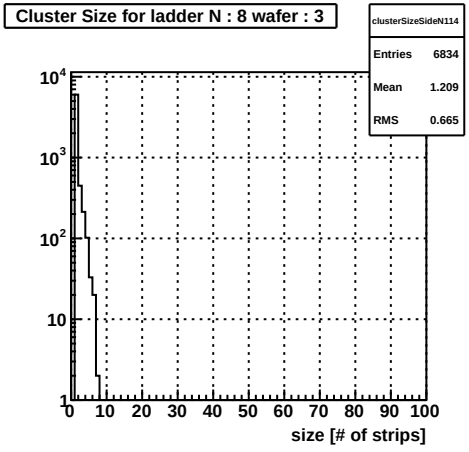

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1407
Mean 1.355
RMS 0.9058
size [# of strips]

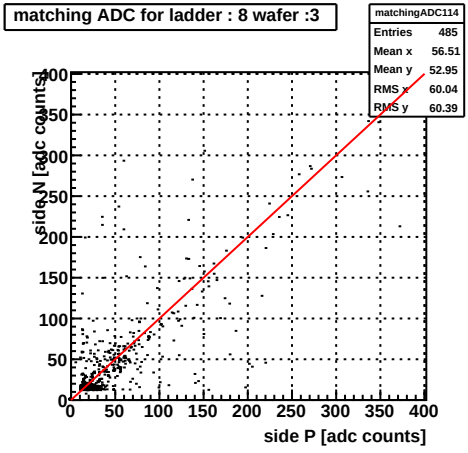

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 166
Mean x 62.86
Mean y 52.02
RMS x 62.76
RMS y 45.45
side N [adc counts]
side P [adc counts]

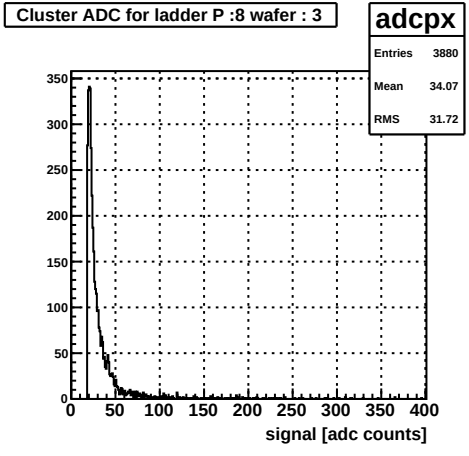

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 3945
Mean 48.4
RMS 39.03
signal [adc counts]

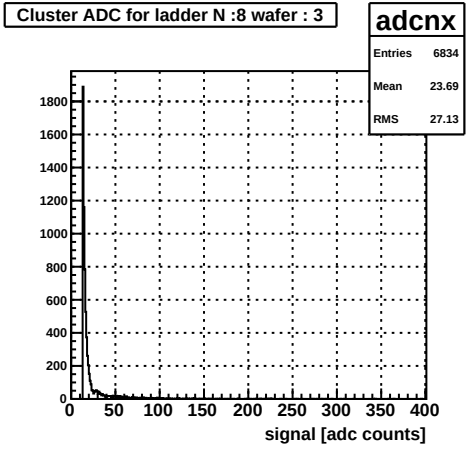

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1407
Mean 30.99
RMS 30.74
signal [adc counts]

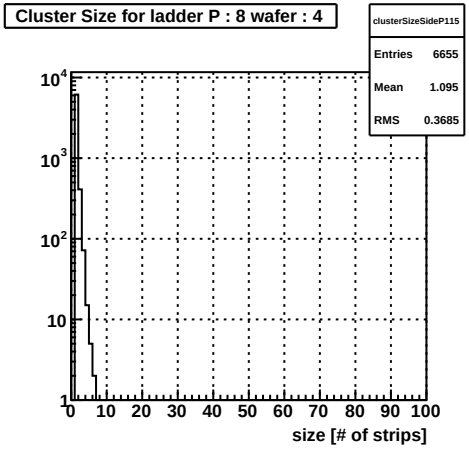

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 3880
Mean 1.094
RMS 0.3785
size [# of strips]

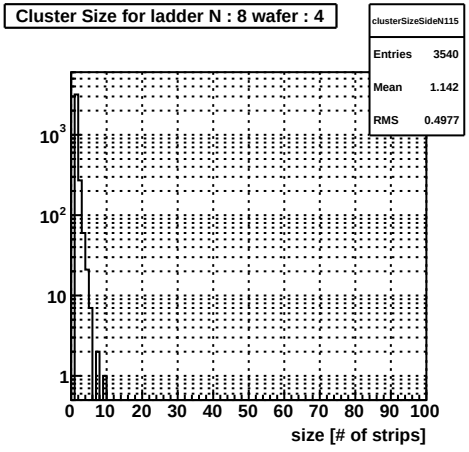

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 6834
Mean 1.209
RMS 0.665
size [# of strips]

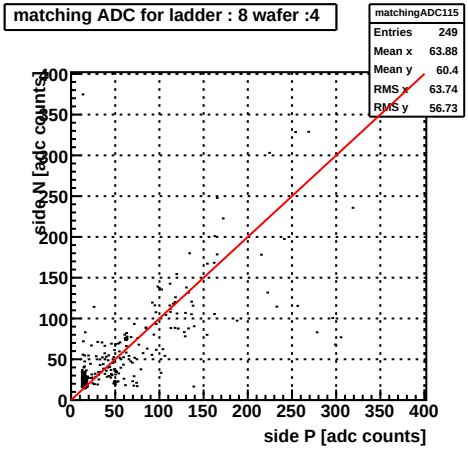

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 485
Mean x 56.51
Mean y 52.95
RMS x 60.04
RMS y 60.39
side N [adc counts]
side P [adc counts]

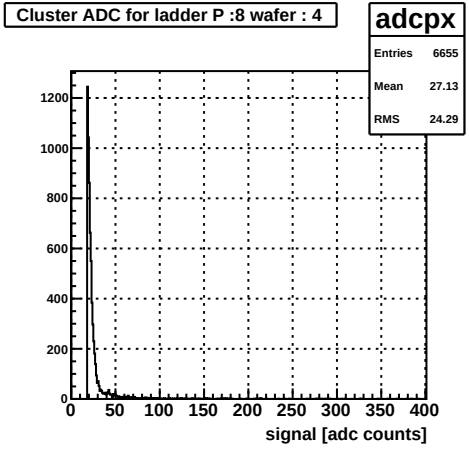

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 3880
Mean 34.07
RMS 31.72
signal [adc counts]

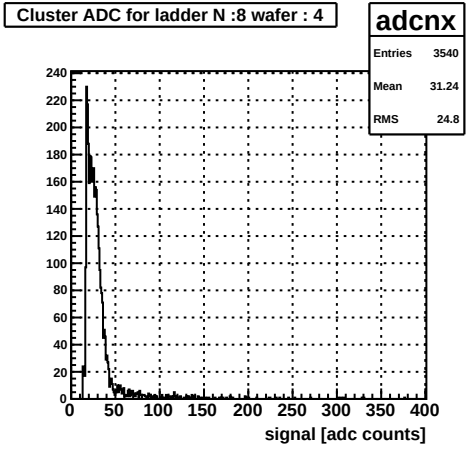

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 6834
Mean 23.69
RMS 27.13
signal [adc counts]

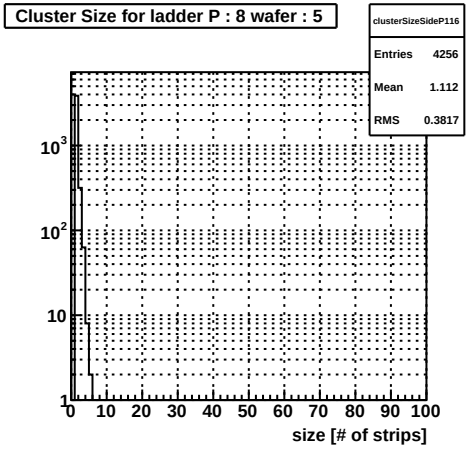

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 6655
Mean 1.095
RMS 0.3685
size [# of strips]

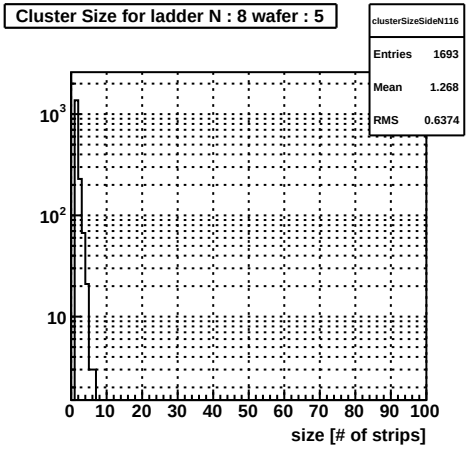

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3540
Mean 1.142
RMS 0.4977
size [# of strips]

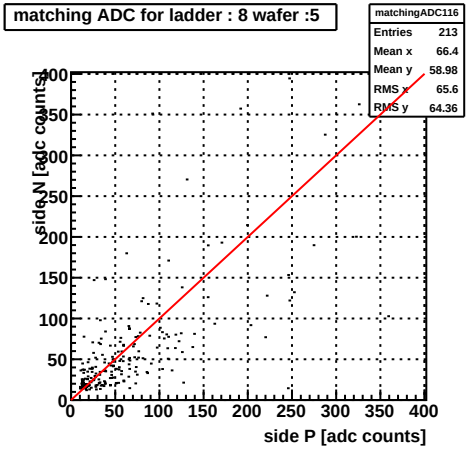

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 249
Mean x 63.88
Mean y 60.4
RMS x 63.74
RMS y 56.73
side N [adc counts]
side P [adc counts]

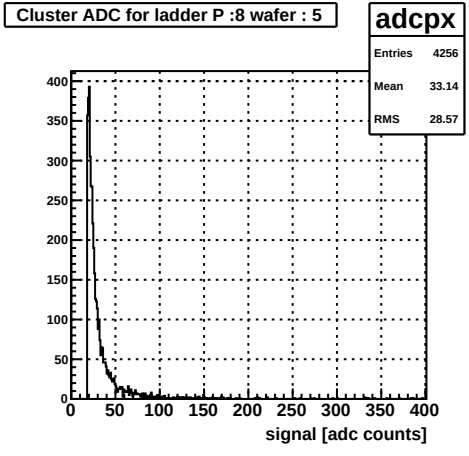

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 6655
Mean 27.13
RMS 24.29
signal [adc counts]

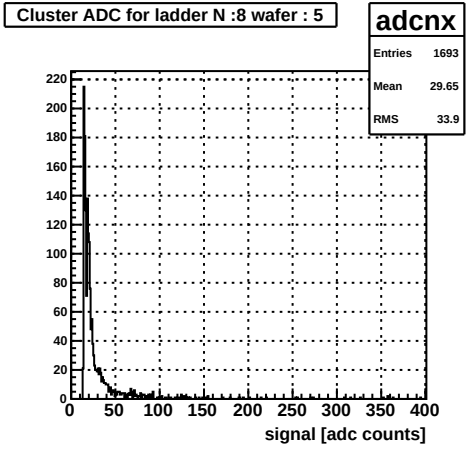

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3540
Mean 31.24
RMS 24.8
signal [adc counts]

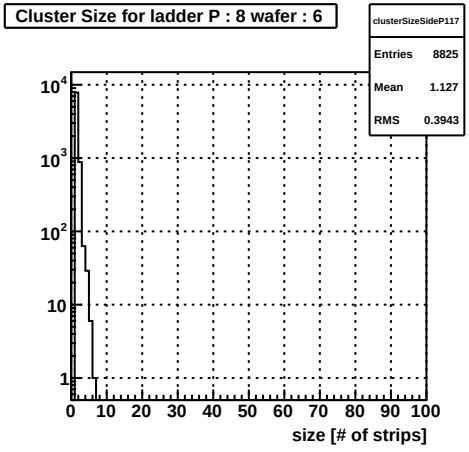

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 4256
Mean 1.112
RMS 0.3817
size [# of strips]

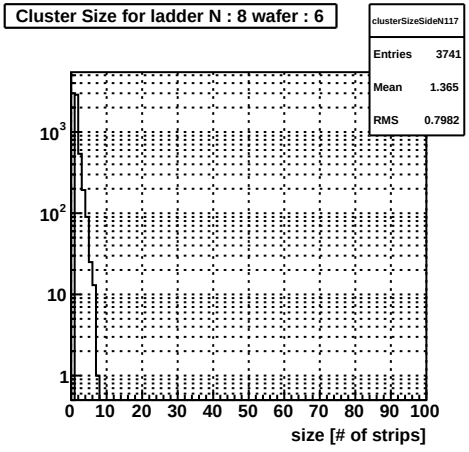

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1693
Mean 1.268
RMS 0.6374
size [# of strips]

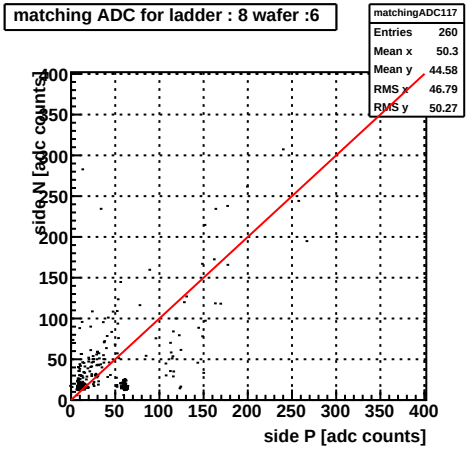

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 213
Mean x 66.4
Mean y 58.98
RMS x 65.6
RMS y 64.36
side N [adc counts]
side P [adc counts]

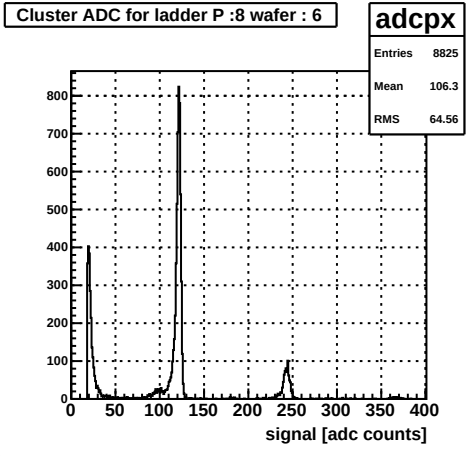

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 4256
Mean 33.14
RMS 28.57
signal [adc counts]

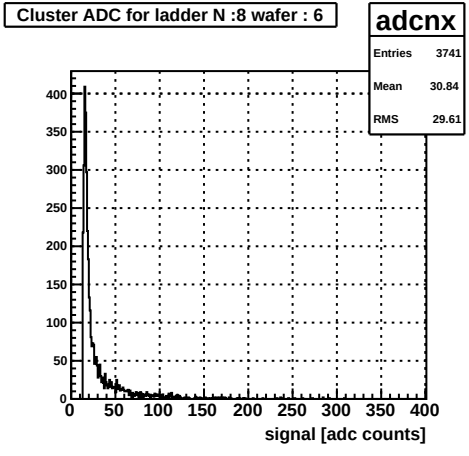

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1693
Mean 29.65
RMS 33.9
signal [adc counts]

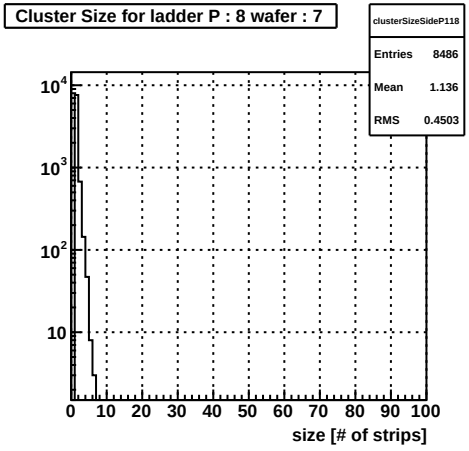

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 8825
Mean 1.127
RMS 0.3943
size [# of strips]

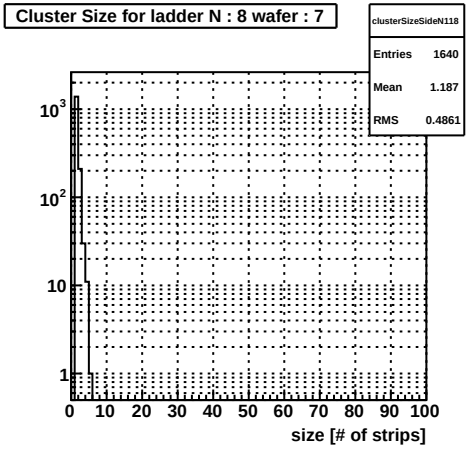

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 3741
Mean 1.365
RMS 0.7982
size [# of strips]

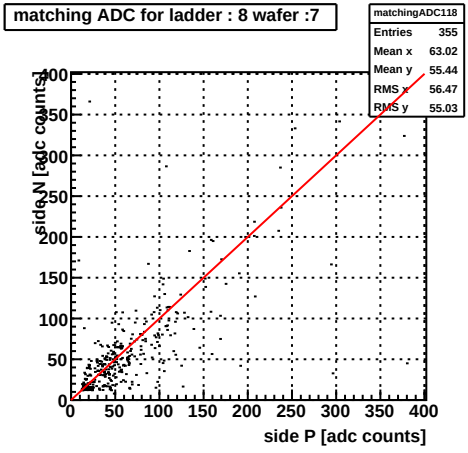

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 260
Mean x 50.3
Mean y 44.58
RMS x 46.79
RMS y 50.27
side N [adc counts]
side P [adc counts]

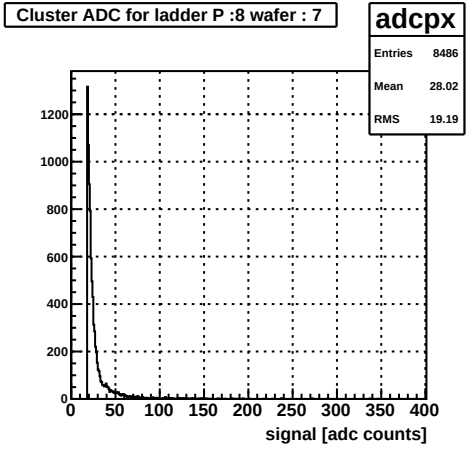

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 8825
Mean 106.3
RMS 64.56
signal [adc counts]

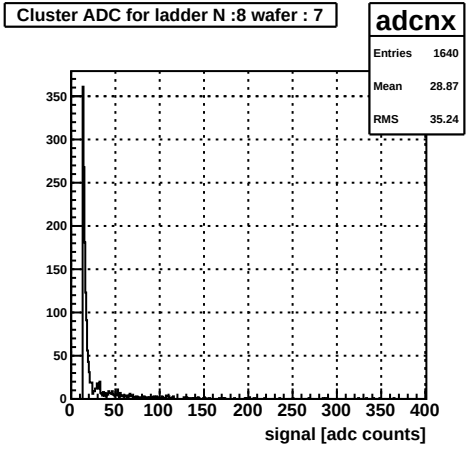

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 3741
Mean 30.84
RMS 29.61
signal [adc counts]

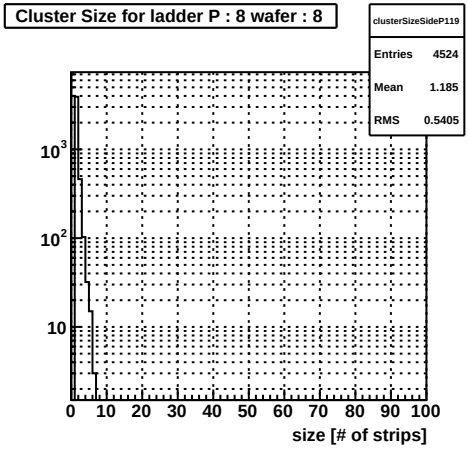

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 8486
Mean 1.136
RMS 0.4503
size [# of strips]

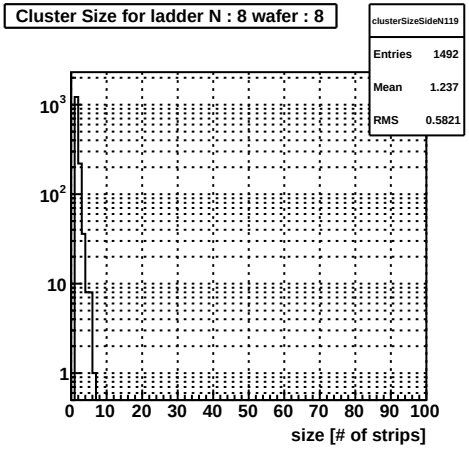

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1640
Mean 1.187
RMS 0.4861
size [# of strips]

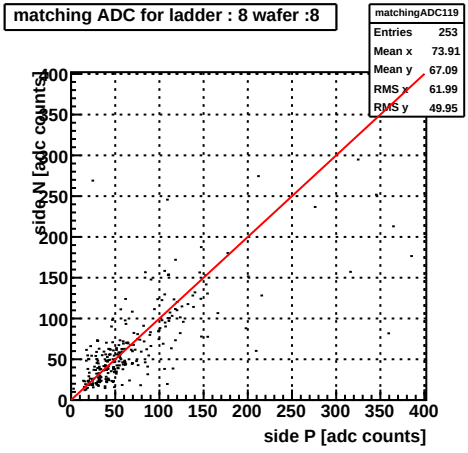

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 355
Mean x 63.02
Mean y 55.44
RMS x 56.47
RMS y 55.03
side N [adc counts]
side P [adc counts]

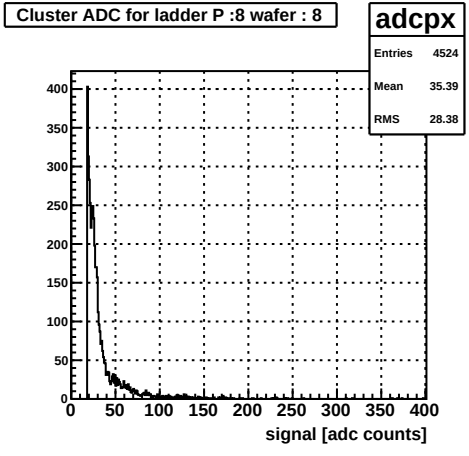

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 8486
Mean 28.02
RMS 19.19
signal [adc counts]

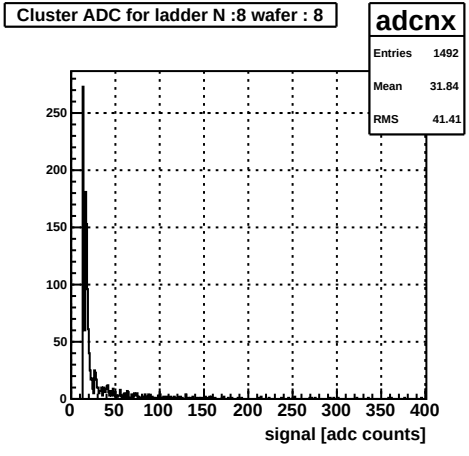

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1640
Mean 28.87
RMS 35.24
signal [adc counts]

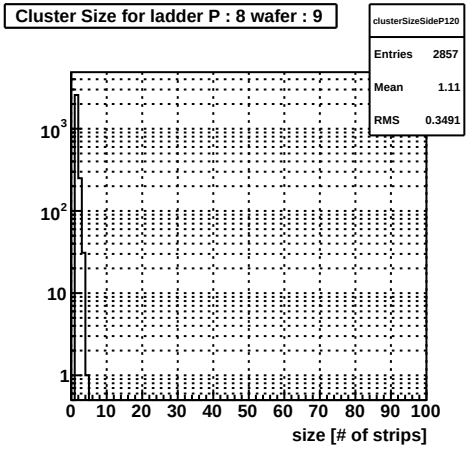

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 4524
Mean 1.185
RMS 0.5405
size [# of strips]

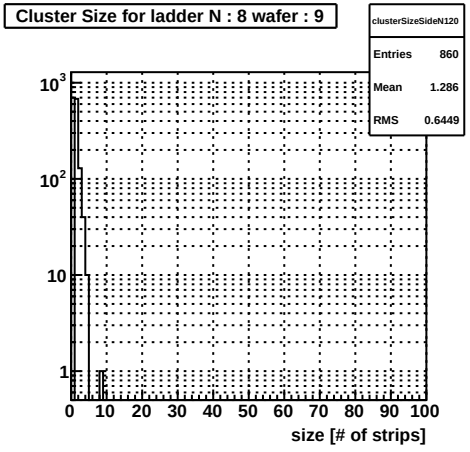

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1492
Mean 1.237
RMS 0.5821
size [# of strips]

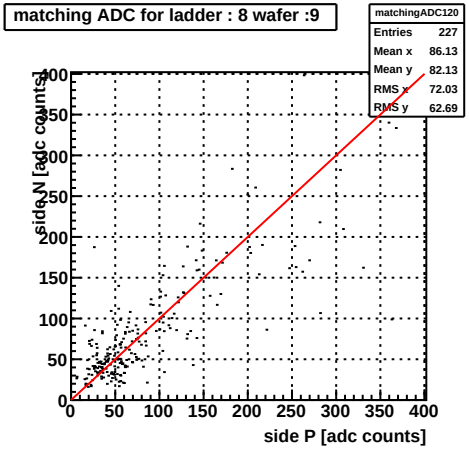

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 253
Mean x 73.91
Mean y 67.09
RMS x 61.99
RMS y 49.95
side N [adc counts]
side P [adc counts]

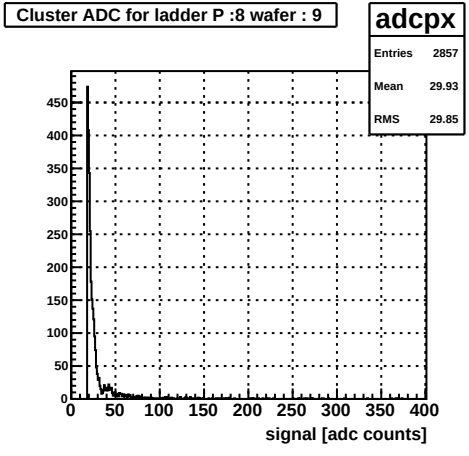

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 4524
Mean 35.39
RMS 28.38
signal [adc counts]

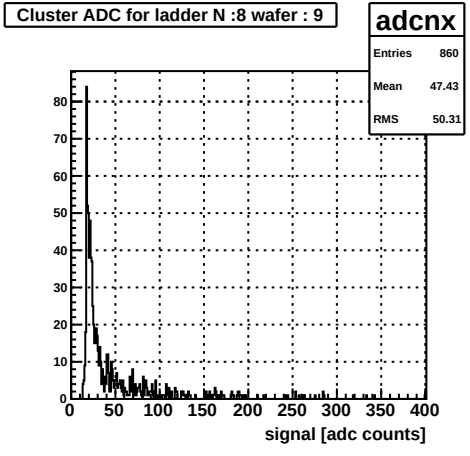

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1492
Mean 31.84
RMS 41.41
signal [adc counts]

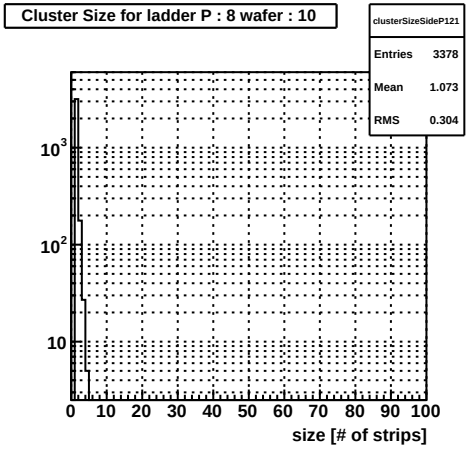

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2857
Mean 1.11
RMS 0.3491
size [# of strips]

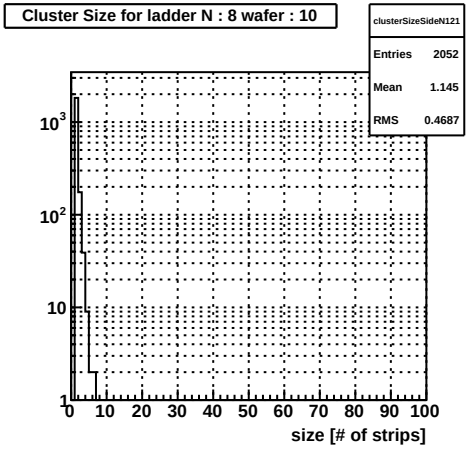

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 860
Mean 1.286
RMS 0.6449
size [# of strips]

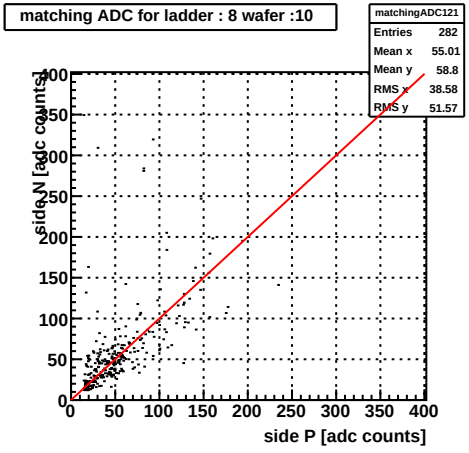

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 227
Mean x 86.13
Mean y 82.13
RMS x 72.03
RMS y 62.69
side N [adc counts]
side P [adc counts]

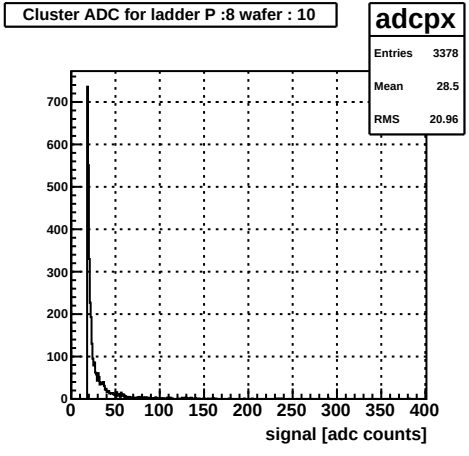

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2857
Mean 29.93
RMS 29.85
signal [adc counts]

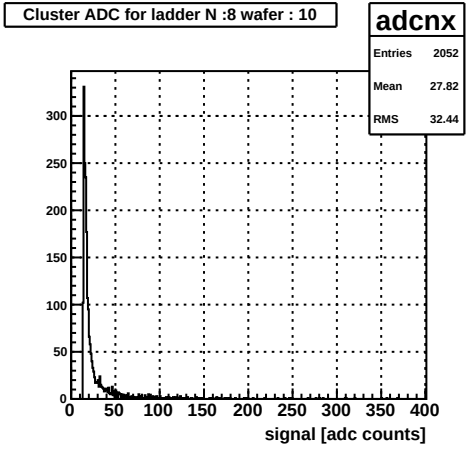

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 860
Mean 47.43
RMS 50.31
signal [adc counts]

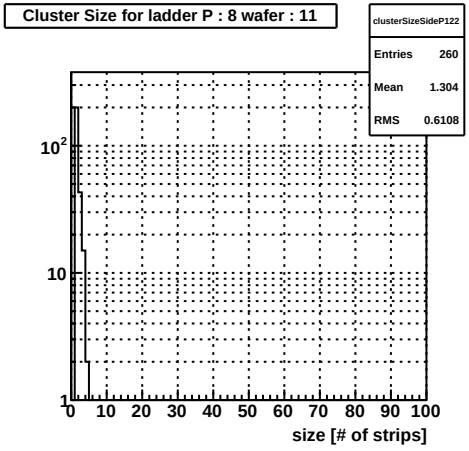

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 3378
Mean 1.073
RMS 0.304
size [# of strips]

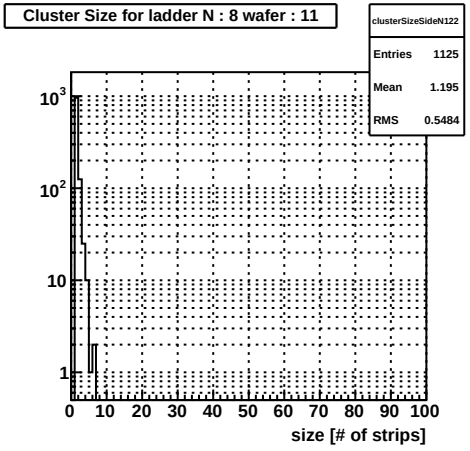

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2052
Mean 1.145
RMS 0.4687
size [# of strips]

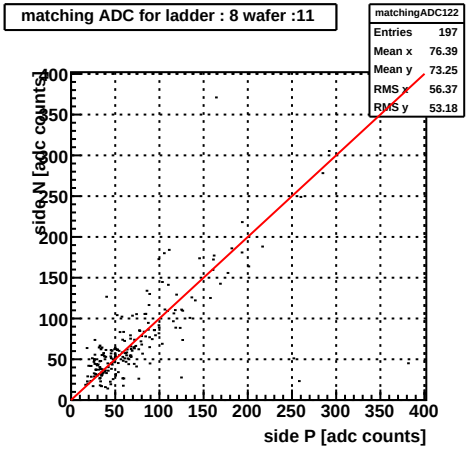

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 282
Mean x 55.01
Mean y 58.8
RMS x 38.58
RMS y 51.57
side N [adc counts]
side P [adc counts]

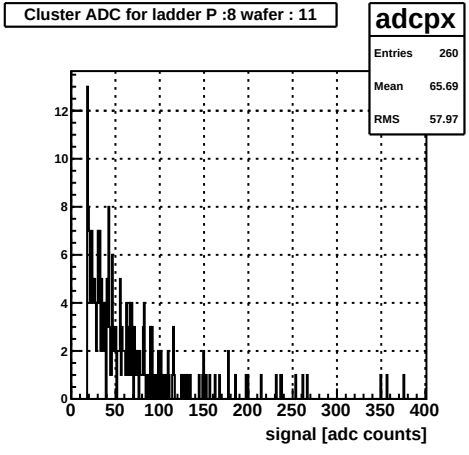

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 3378
Mean 28.5
RMS 20.96
signal [adc counts]

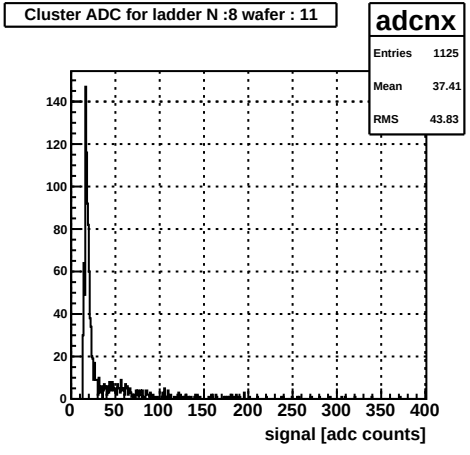

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2052
Mean 27.82
RMS 32.44
signal [adc counts]

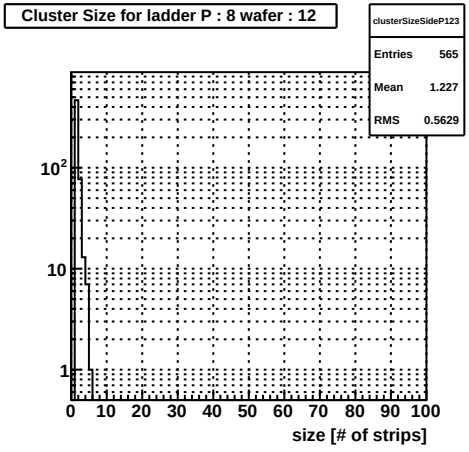

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 260
Mean 1.304
RMS 0.6108
size [# of strips]

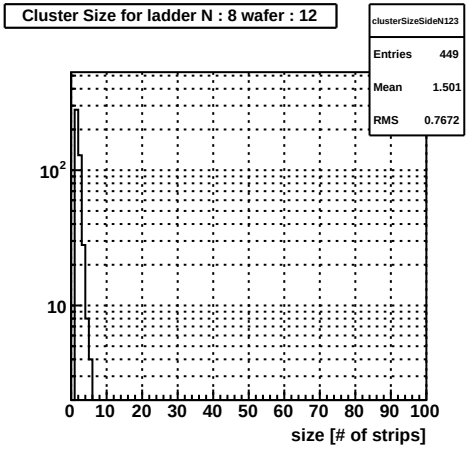

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1125
Mean 1.195
RMS 0.5484
size [# of strips]

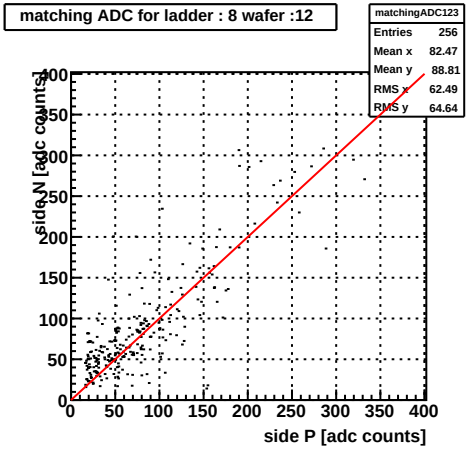

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 197
Mean x 76.39
Mean y 73.25
RMS x 56.37
RMS y 53.18
side N [adc counts]
side P [adc counts]

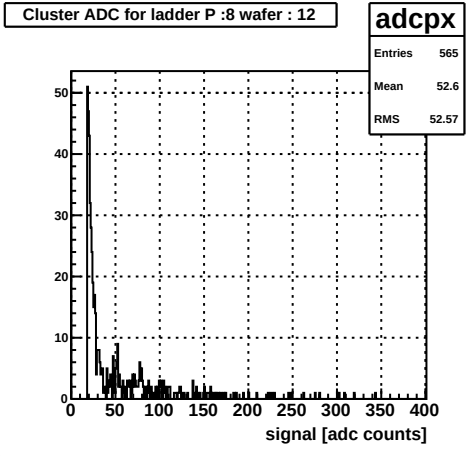

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 260
Mean 65.69
RMS 57.97
signal [adc counts]

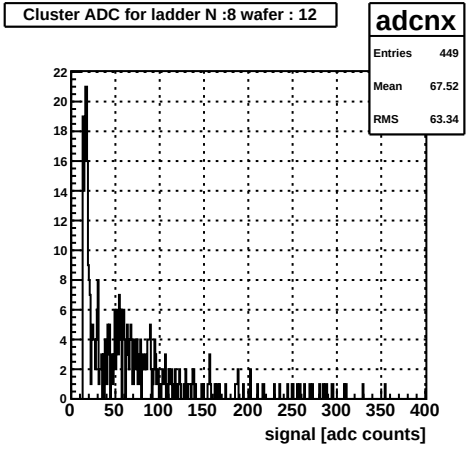

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1125
Mean 37.41
RMS 43.83
signal [adc counts]

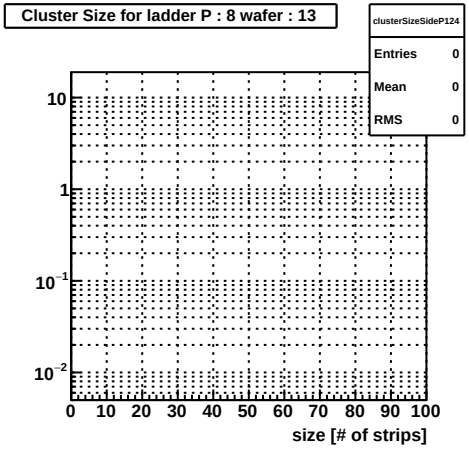

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 565
Mean 1.227
RMS 0.5629
size [# of strips]

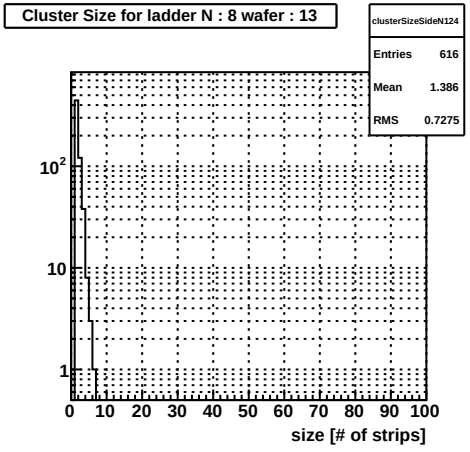

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 449
Mean 1.501
RMS 0.7672
size [# of strips]

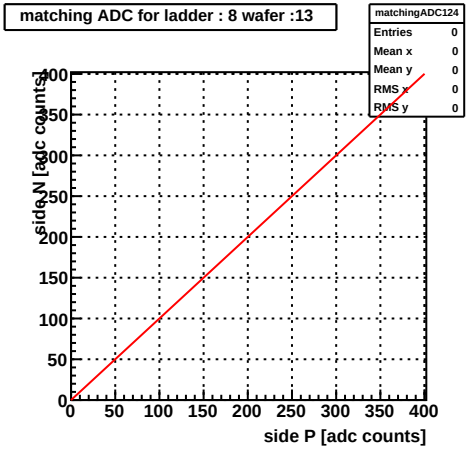

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 256
Mean x 82.47
Mean y 88.81
RMS x 62.49
RMS y 64.64
side N [adc counts]
side P [adc counts]

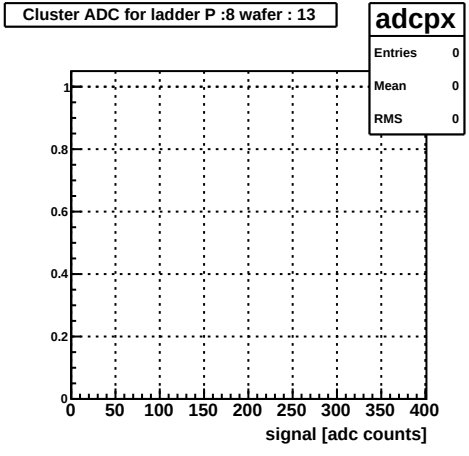

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 565
Mean 52.6
RMS 52.57
signal [adc counts]

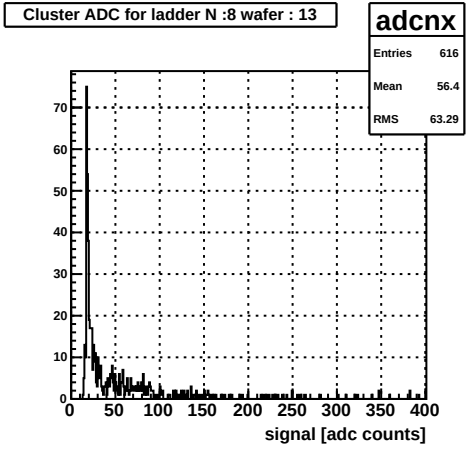

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 449
Mean 67.52
RMS 63.34
signal [adc counts]

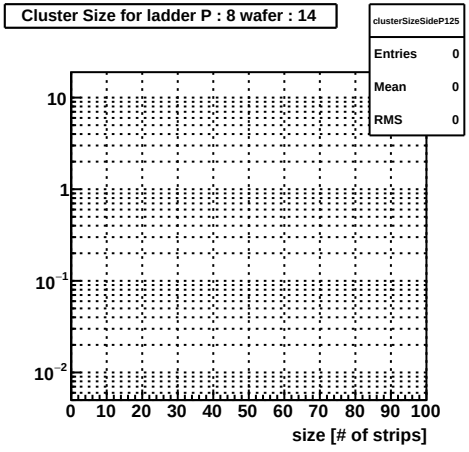

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

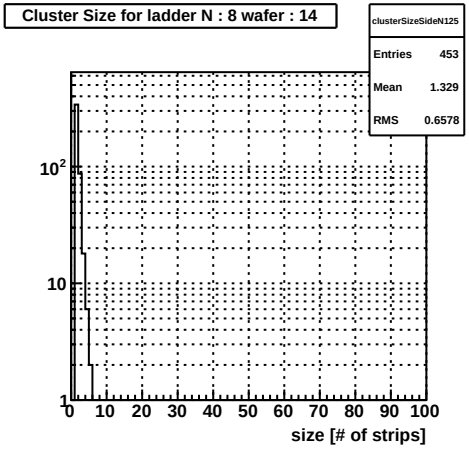

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 616
Mean 1.386
RMS 0.7275
size [# of strips]

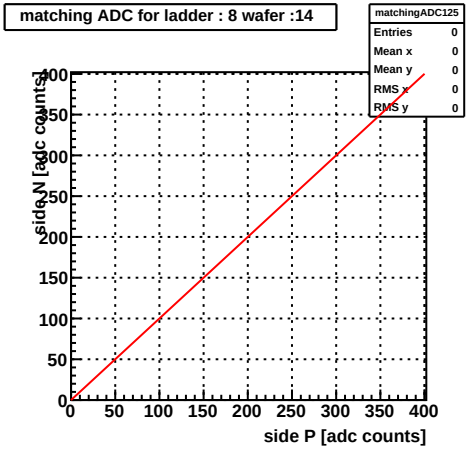

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

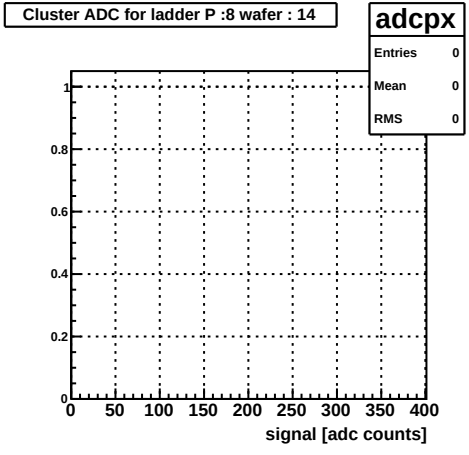

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

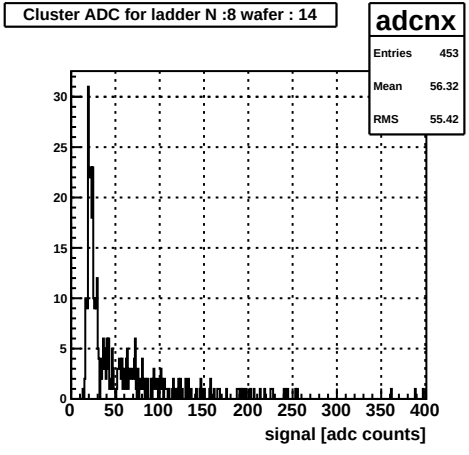

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 616
Mean 56.4
RMS 63.29
signal [adc counts]

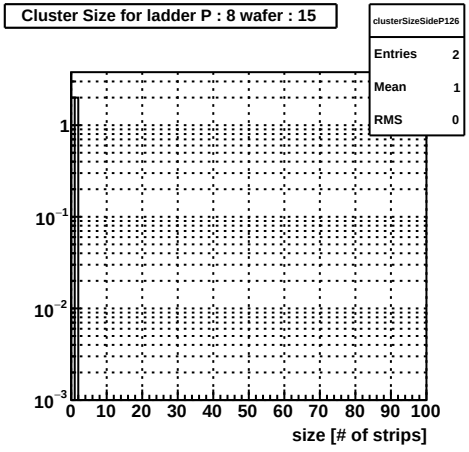

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

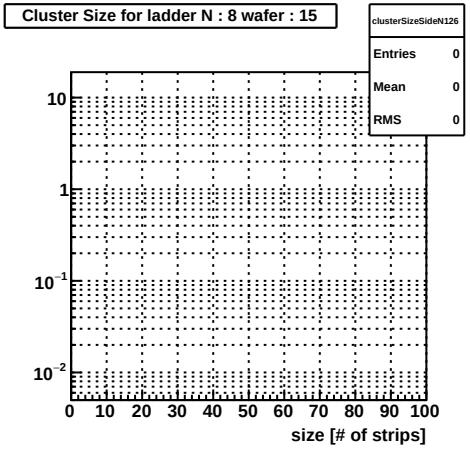

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 453
Mean 1.329
RMS 0.6578
size [# of strips]

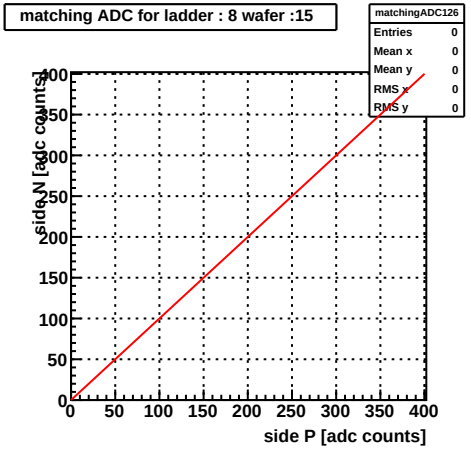

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

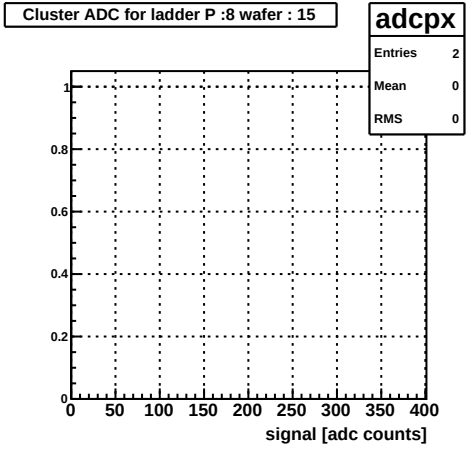

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

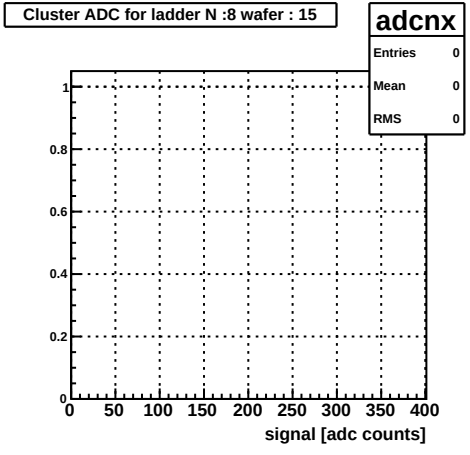

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 453
Mean 56.32
RMS 55.42
signal [adc counts]

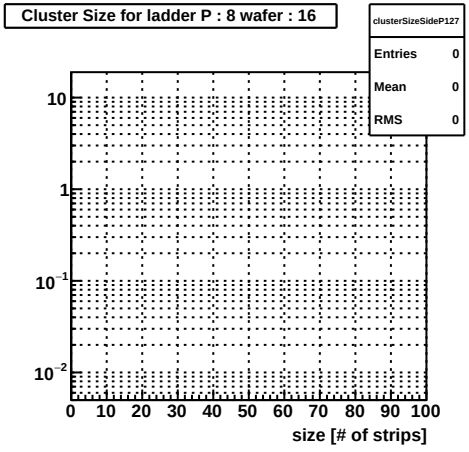

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

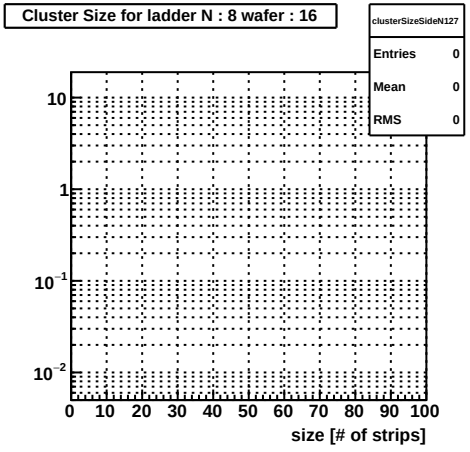

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

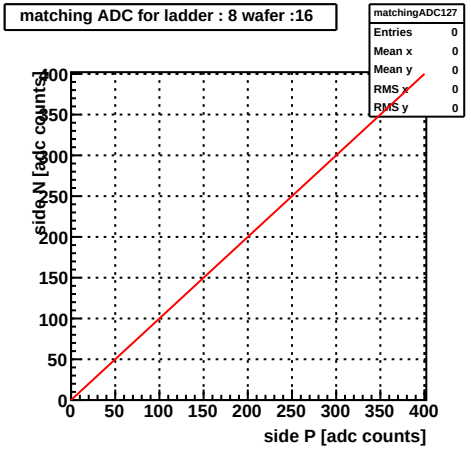

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

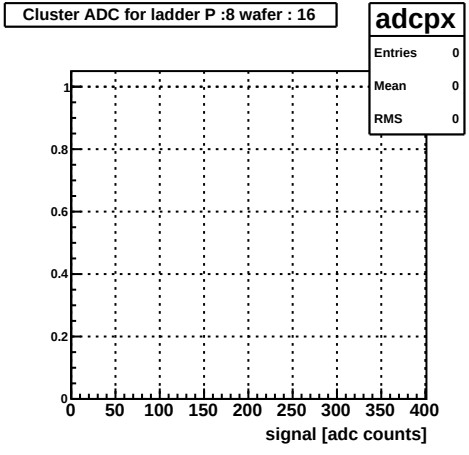

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

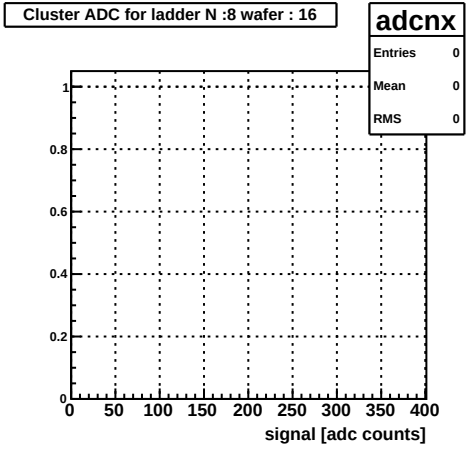

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

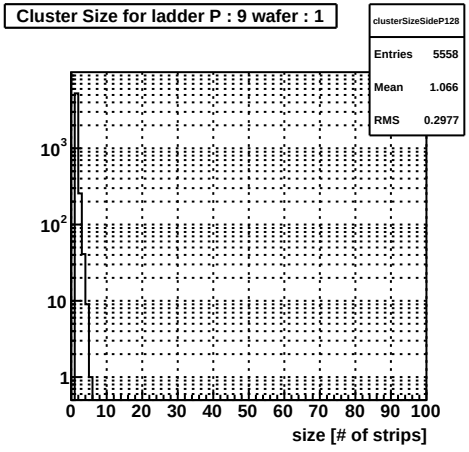

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

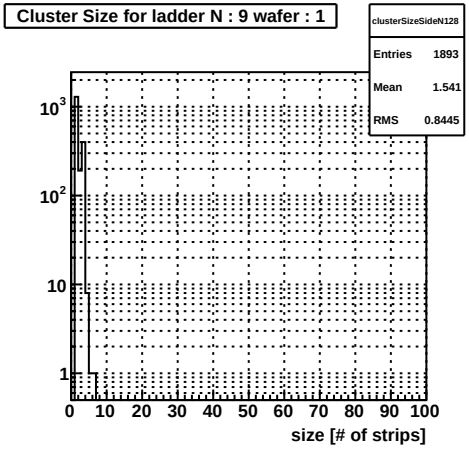

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

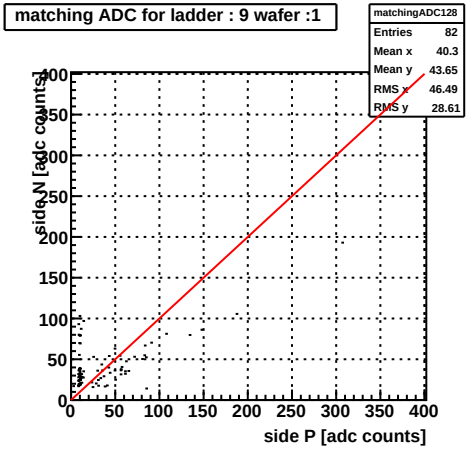

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

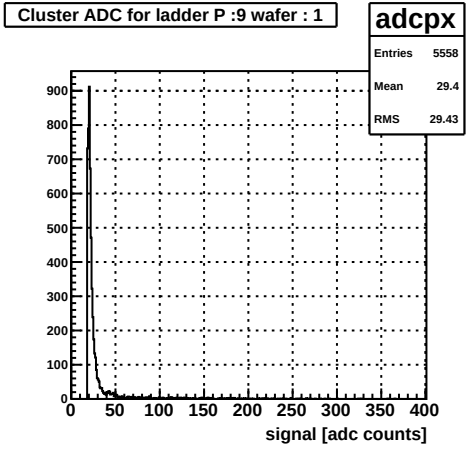

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

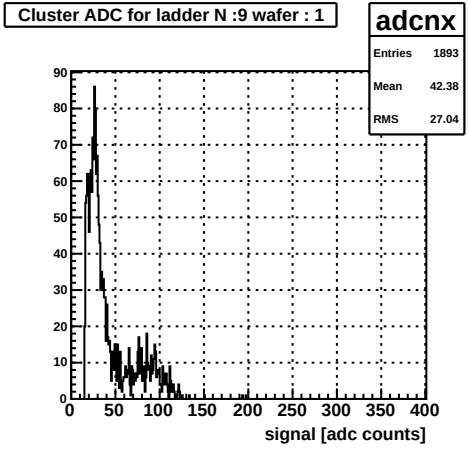

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

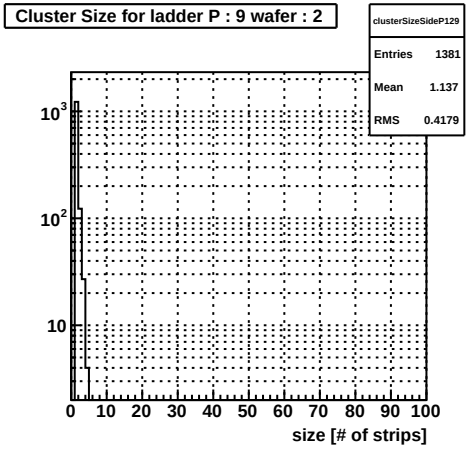

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 5558
Mean 1.066
RMS 0.2977
size [# of strips]

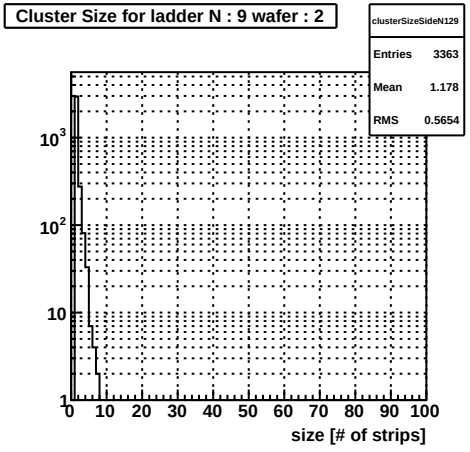

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1893
Mean 1.541
RMS 0.8445
size [# of strips]

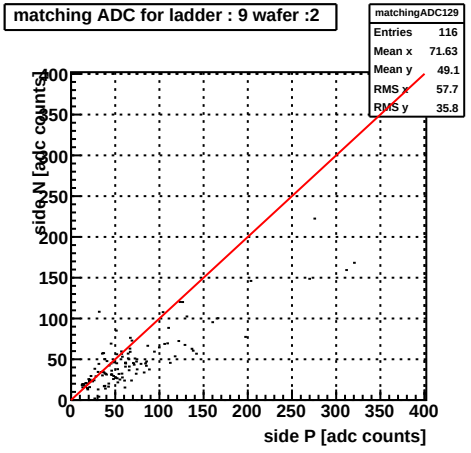

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 82
Mean x 40.3
Mean y 43.65
RMS x 46.49
RMS y 28.61
side N [adc counts]
side P [adc counts]

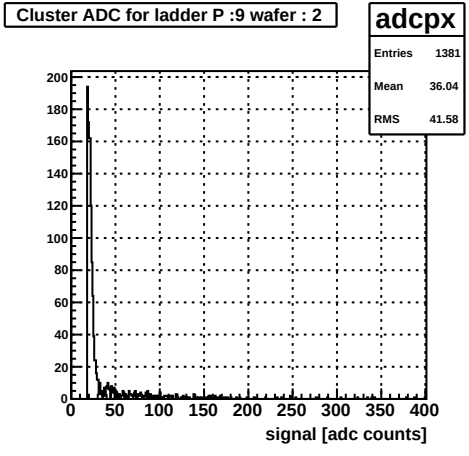

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 5558
Mean 29.4
RMS 29.43
signal [adc counts]

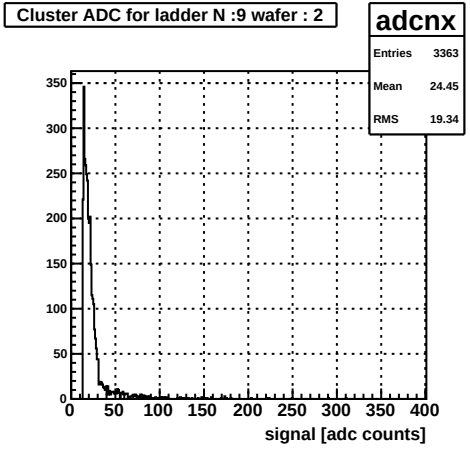

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1893
Mean 42.38
RMS 27.04
signal [adc counts]

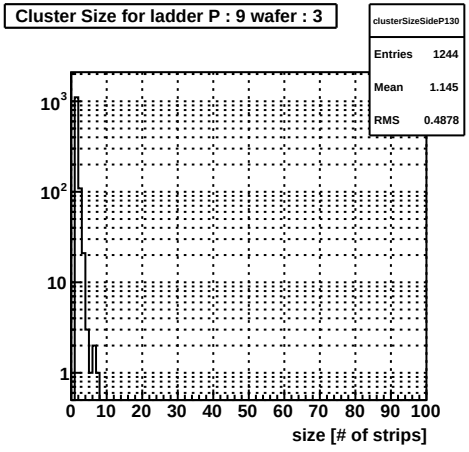

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1381
Mean 1.137
RMS 0.4179
size [# of strips]

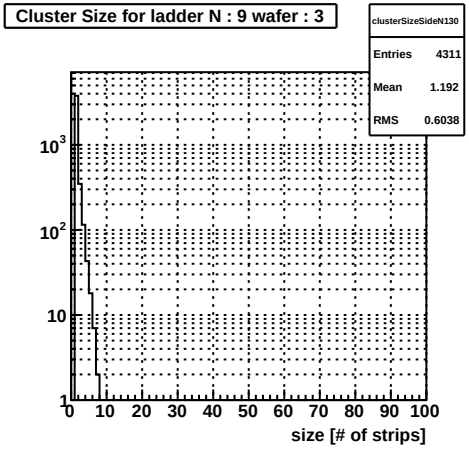

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3363
Mean 1.178
RMS 0.5654
size [# of strips]

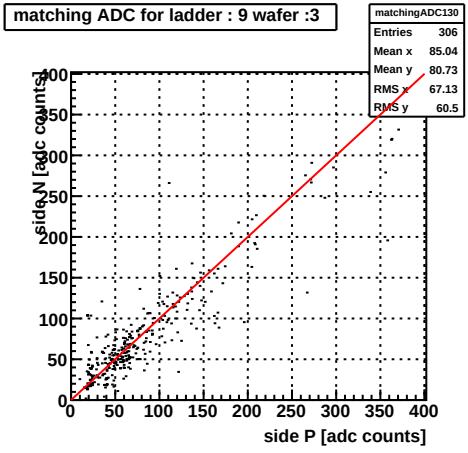

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 116
Mean x 71.63
Mean y 49.1
RMS x 57.7
RMS y 35.8
side N [adc counts]
side P [adc counts]

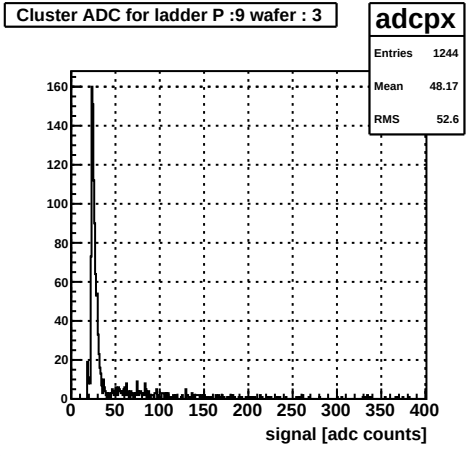

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1381
Mean 36.04
RMS 41.58
signal [adc counts]

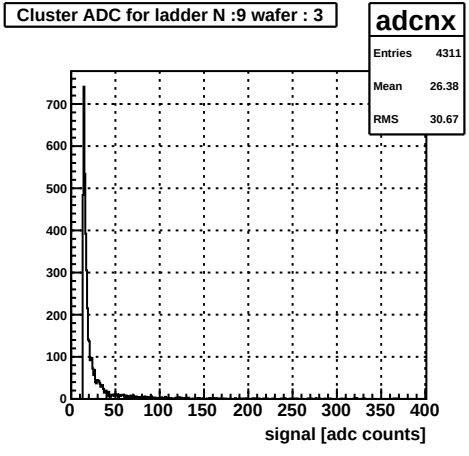

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3363
Mean 24.45
RMS 19.34
signal [adc counts]

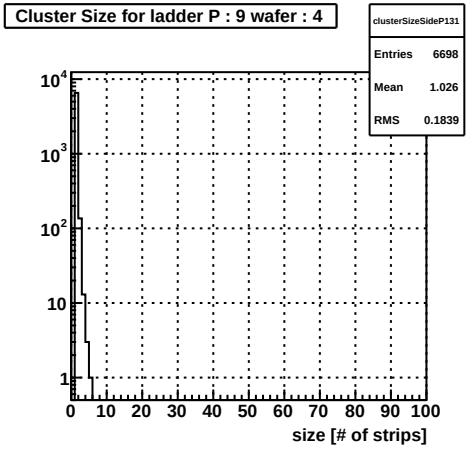

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1244
Mean 1.145
RMS 0.4878
size [# of strips]

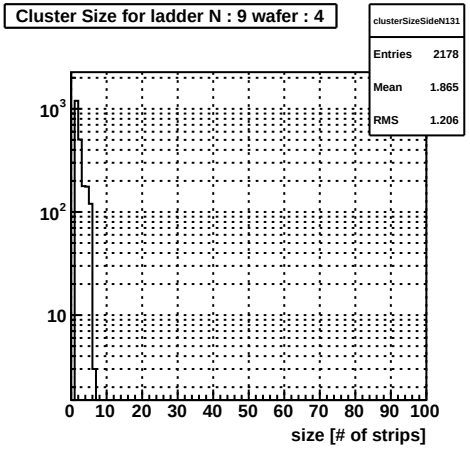

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4311
Mean 1.192
RMS 0.6038
size [# of strips]

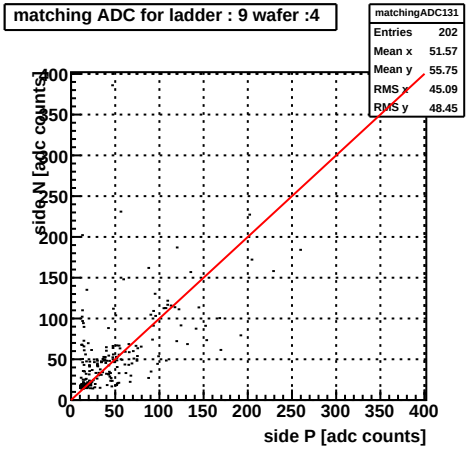

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 306
Mean x 85.04
Mean y 80.73
RMS x 67.13
RMS y 60.5
side N [adc counts]
side P [adc counts]

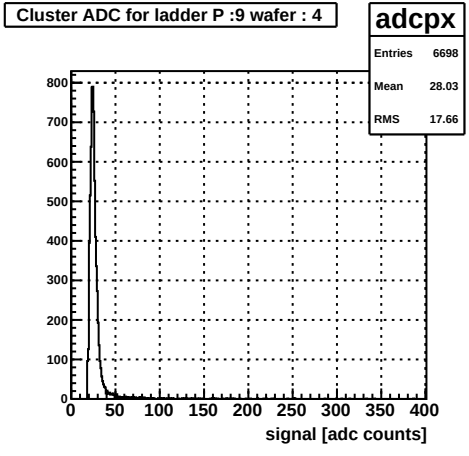

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1244
Mean 48.17
RMS 52.6
signal [adc counts]

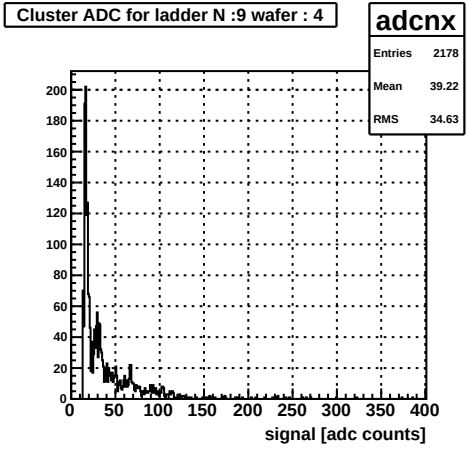

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4311
Mean 26.38
RMS 30.67
signal [adc counts]

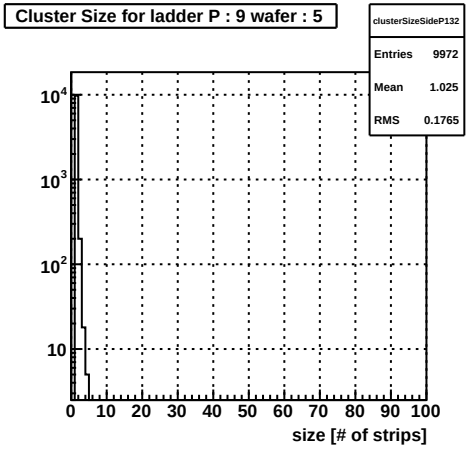

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 6698
Mean 1.026
RMS 0.1839
size [# of strips]

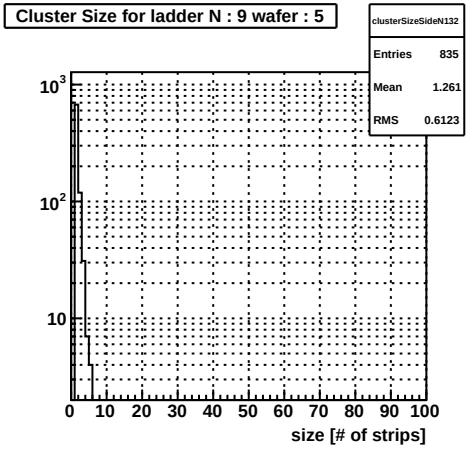

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2178
Mean 1.865
RMS 1.206
size [# of strips]

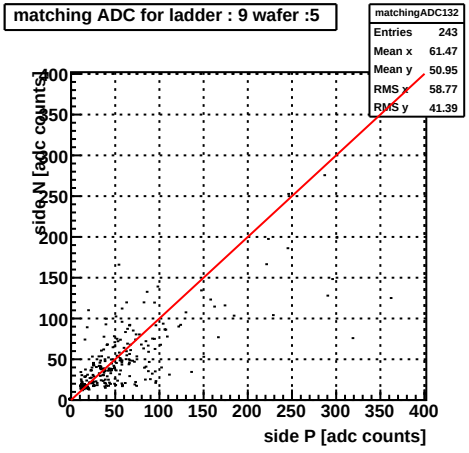

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 202
Mean x 51.57
Mean y 55.75
RMS x 45.09
RMS y 48.45
side N [adc counts]
side P [adc counts]

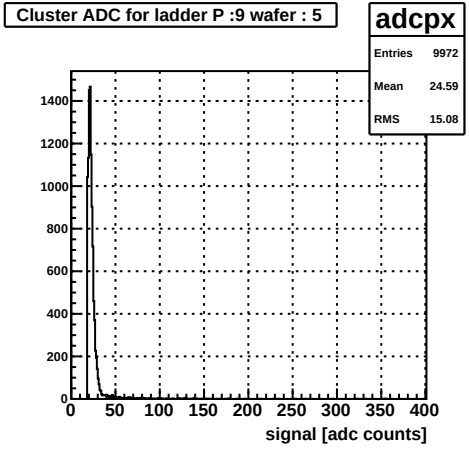

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 6698
Mean 28.03
RMS 17.66
signal [adc counts]

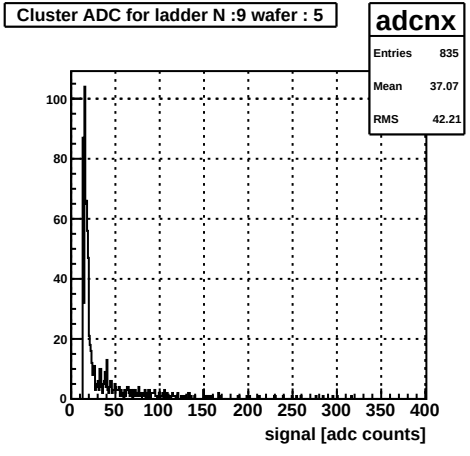

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2178
Mean 39.22
RMS 34.63
signal [adc counts]

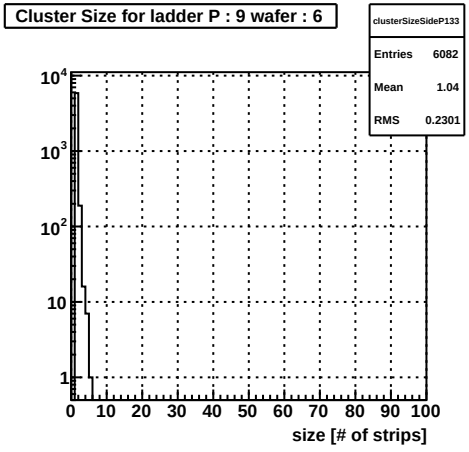

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 9972
Mean 1.025
RMS 0.1765
size [# of strips]

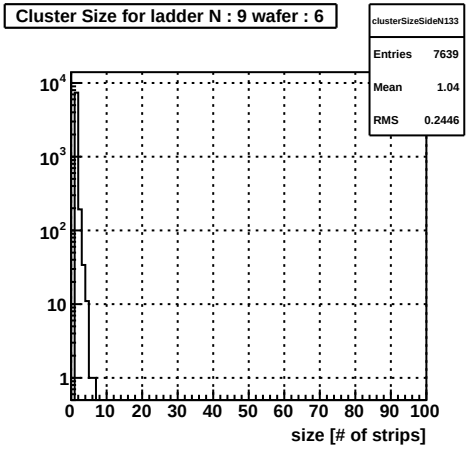

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 835
Mean 1.261
RMS 0.6123
size [# of strips]

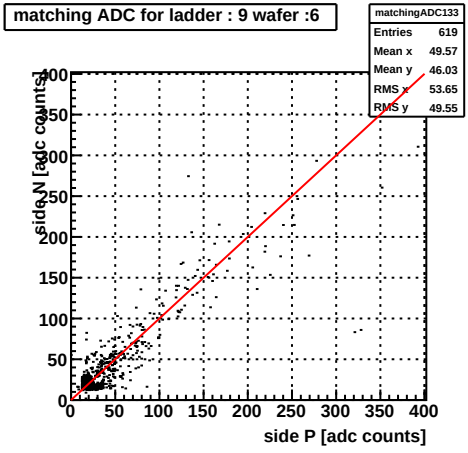

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 243
Mean x 61.47
Mean y 50.95
RMS x 58.77
RMS y 41.39
side N [adc counts]
side P [adc counts]

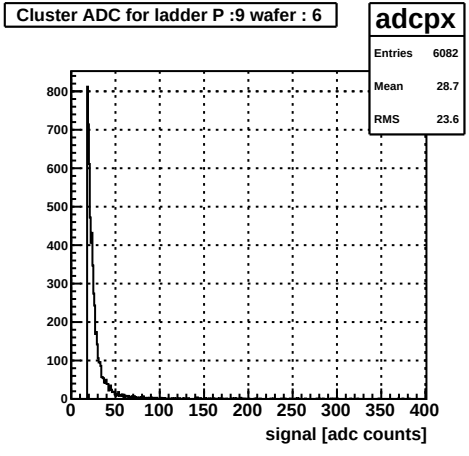

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 9972
Mean 24.59
RMS 15.08
signal [adc counts]

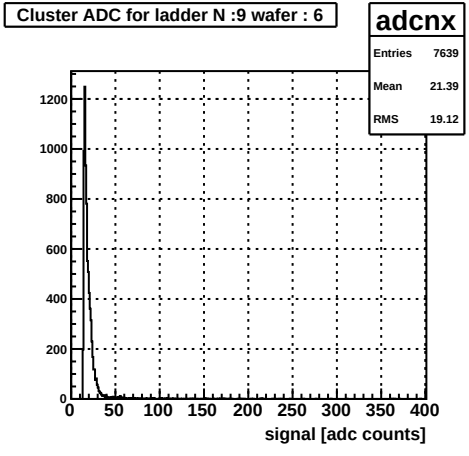

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 835
Mean 37.07
RMS 42.21
signal [adc counts]

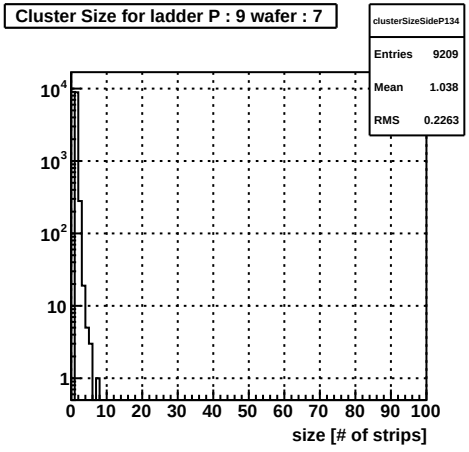

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 6082
Mean 1.04
RMS 0.2301
size [# of strips]

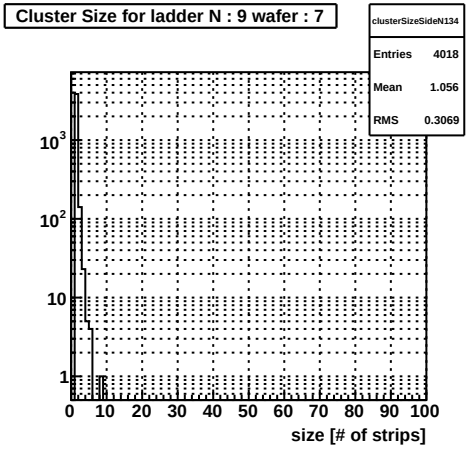

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 7639
Mean 1.04
RMS 0.2446
size [# of strips]

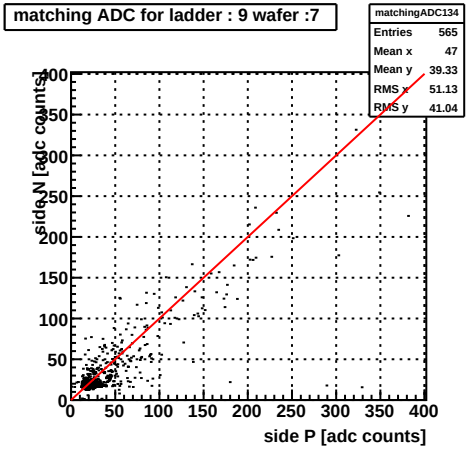

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 619
Mean x 49.57
Mean y 46.03
RMS x 53.65
RMS y 49.55
side N [adc counts]
side P [adc counts]

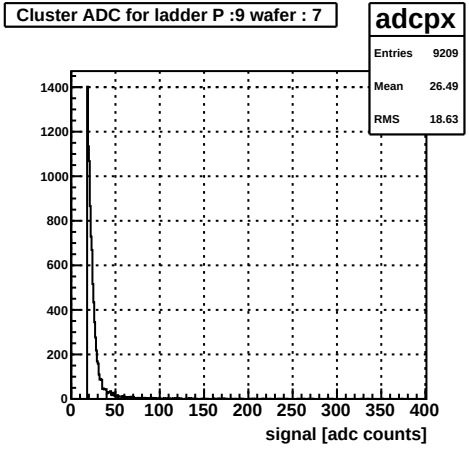

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 6082
Mean 28.7
RMS 23.6
signal [adc counts]

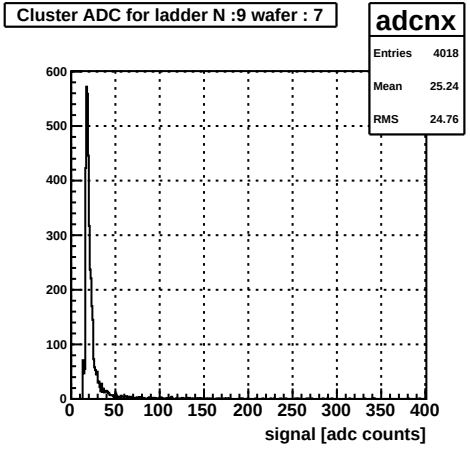

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 7639
Mean 21.39
RMS 19.12
signal [adc counts]

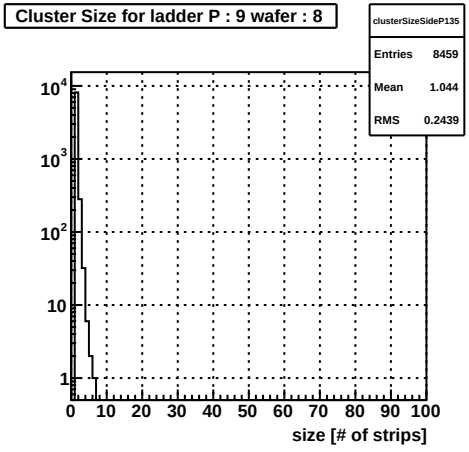

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 9209
Mean 1.038
RMS 0.2263
size [# of strips]

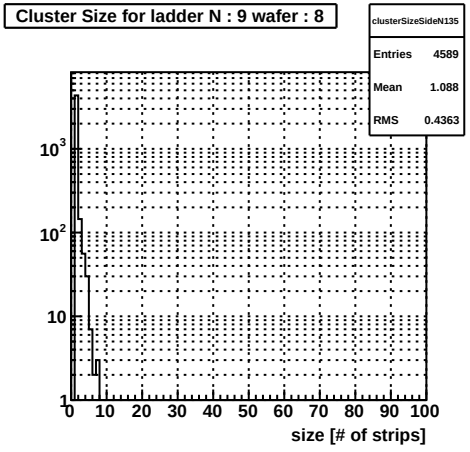

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4018
Mean 1.056
RMS 0.3069
size [# of strips]

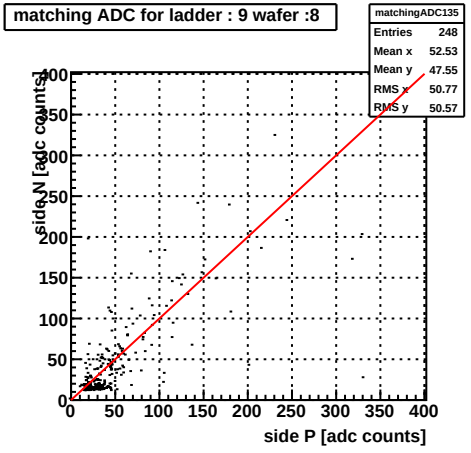

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 565
Mean x 47
Mean y 39.33
RMS x 51.13
RMS y 41.04
side N [adc counts]
side P [adc counts]

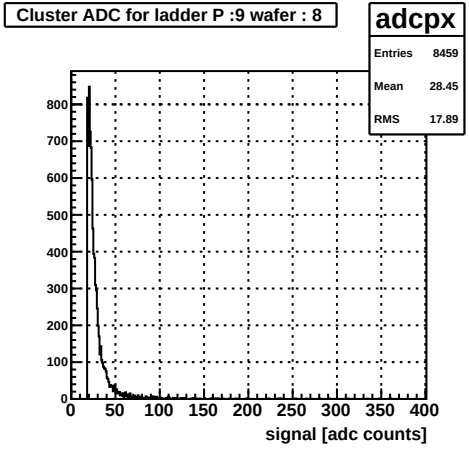

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 9209
Mean 26.49
RMS 18.63
signal [adc counts]

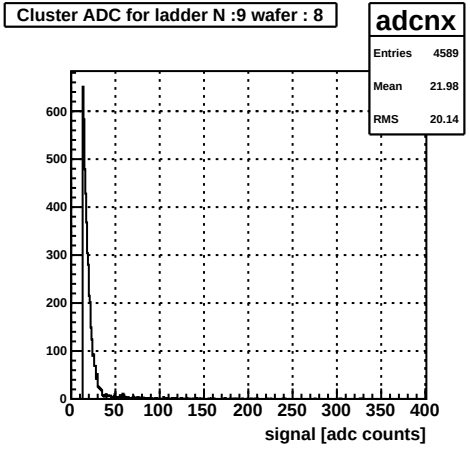

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4018
Mean 25.24
RMS 24.76
signal [adc counts]

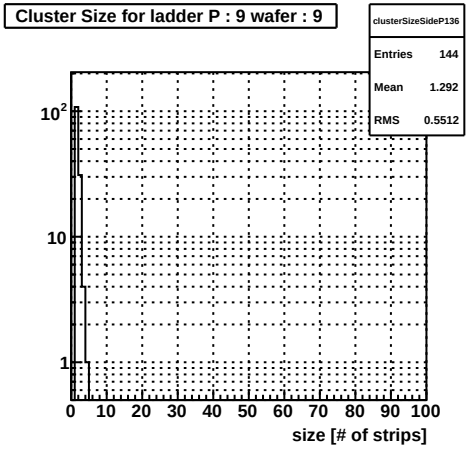

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 8459
Mean 1.044
RMS 0.2439
size [# of strips]

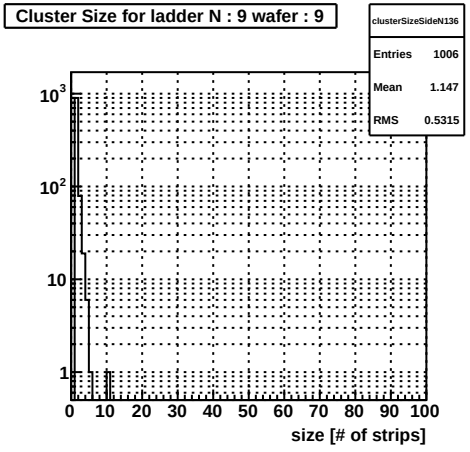

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 4589
Mean 1.088
RMS 0.4363
size [# of strips]

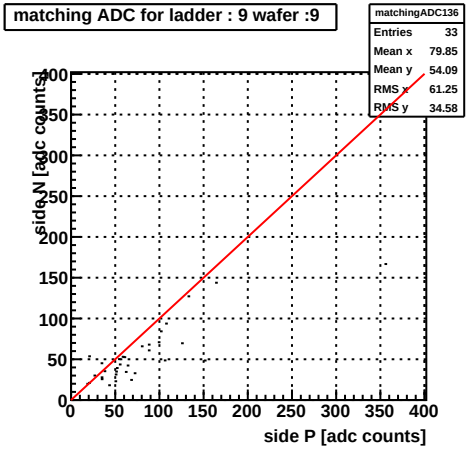

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 248
Mean x 52.53
Mean y 47.55
RMS x 50.77
RMS y 50.57
side N [adc counts]
side P [adc counts]

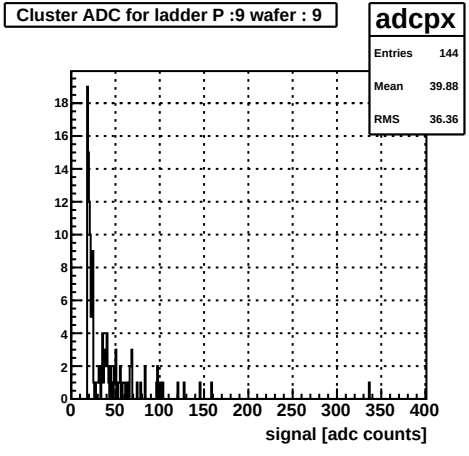

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 8459
Mean 28.45
RMS 17.89
signal [adc counts]

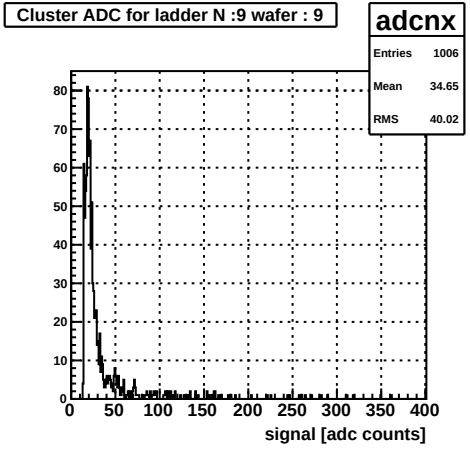

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 4589
Mean 21.98
RMS 20.14
signal [adc counts]

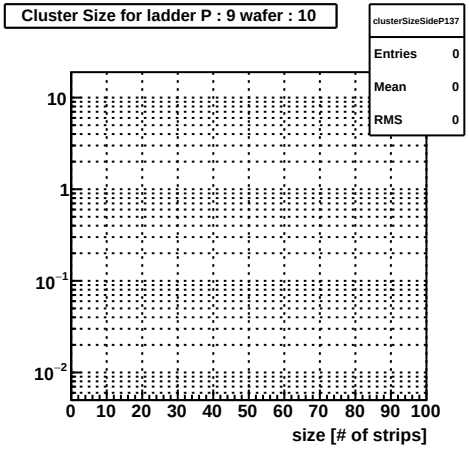

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 144
Mean 1.292
RMS 0.5512
size [# of strips]

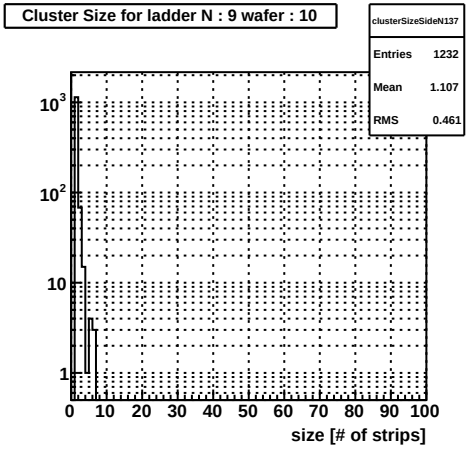

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1006
Mean 1.147
RMS 0.5315
size [# of strips]

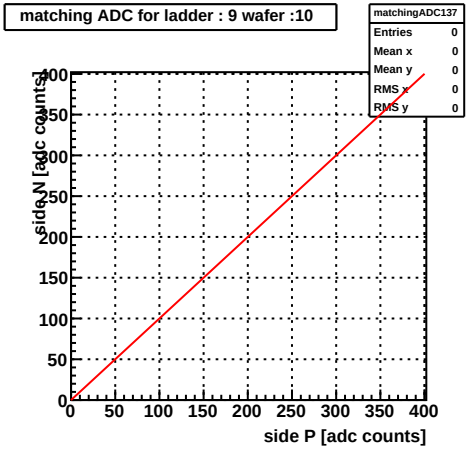

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 33
Mean x 79.85
Mean y 54.09
RMS x 61.25
RMS y 34.58
side N [adc counts]
side P [adc counts]

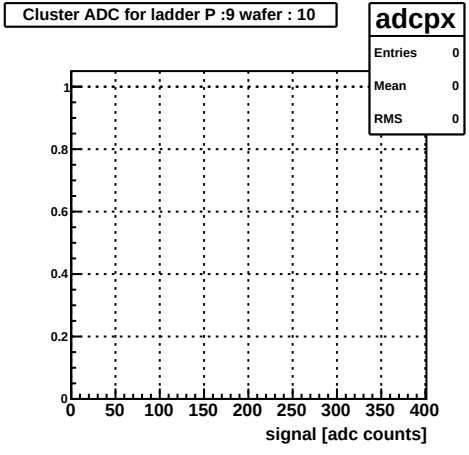

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 144
Mean 39.88
RMS 36.36
signal [adc counts]

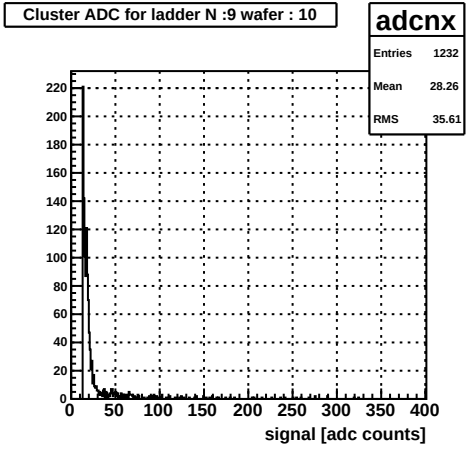

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1006
Mean 34.65
RMS 40.02
signal [adc counts]

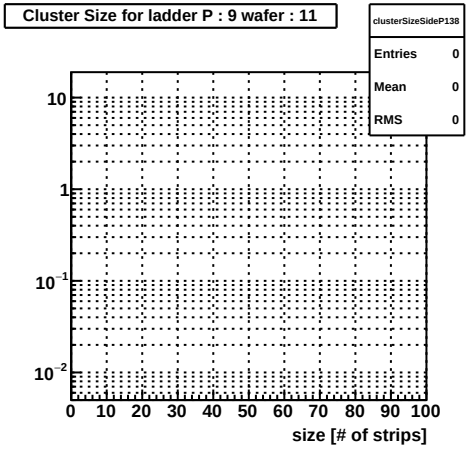

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

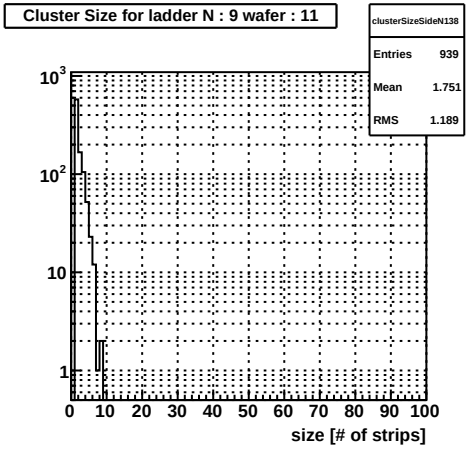

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1232
Mean 1.107
RMS 0.461
size [# of strips]

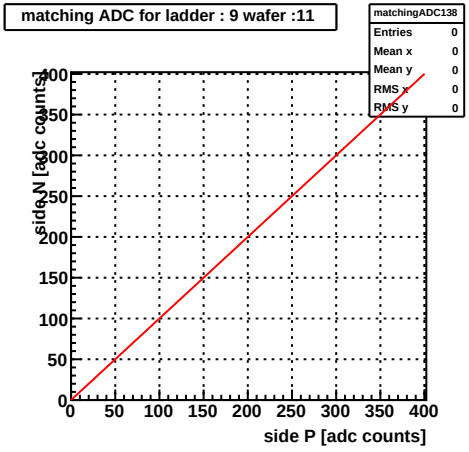

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

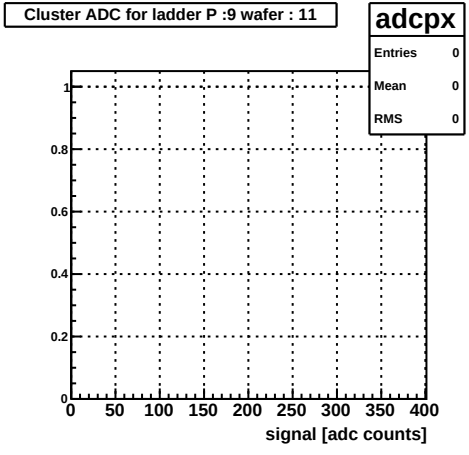

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

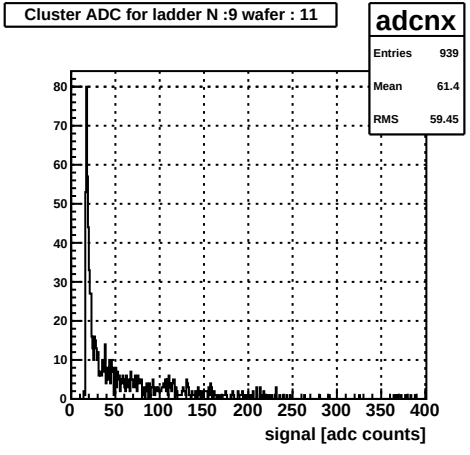

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1232
Mean 28.26
RMS 35.61
signal [adc counts]

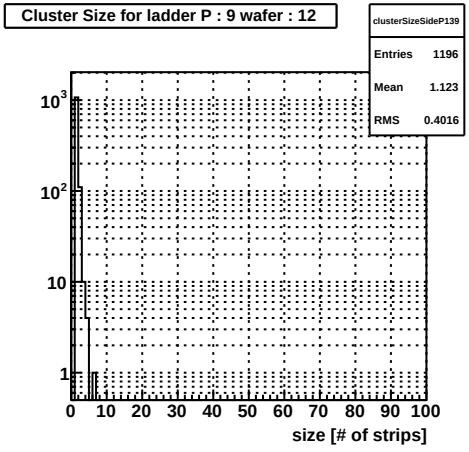

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

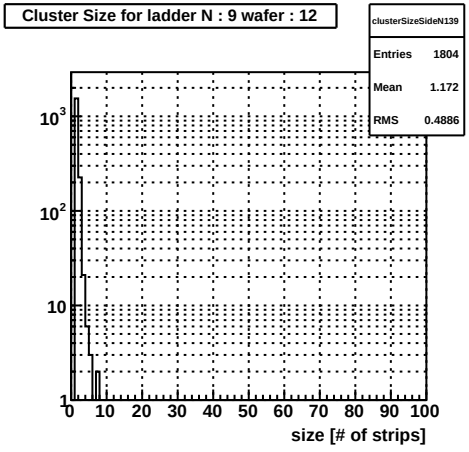

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 939
Mean 1.751
RMS 1.189
size [# of strips]

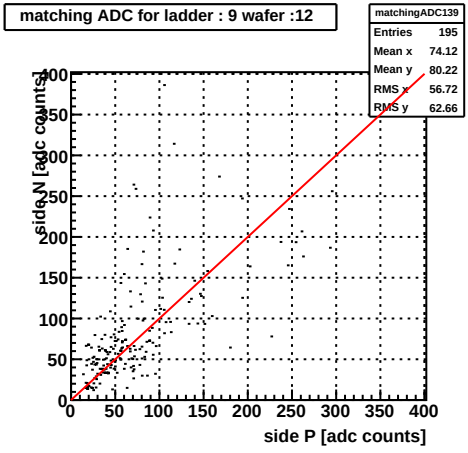

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

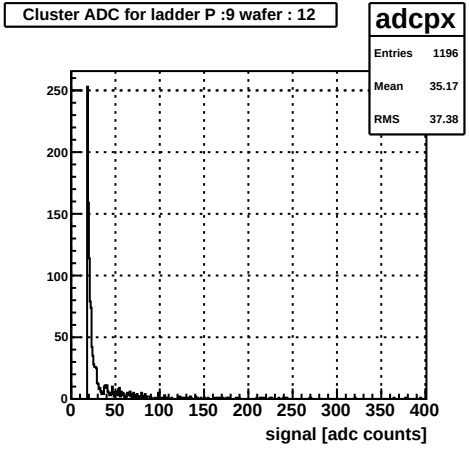

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

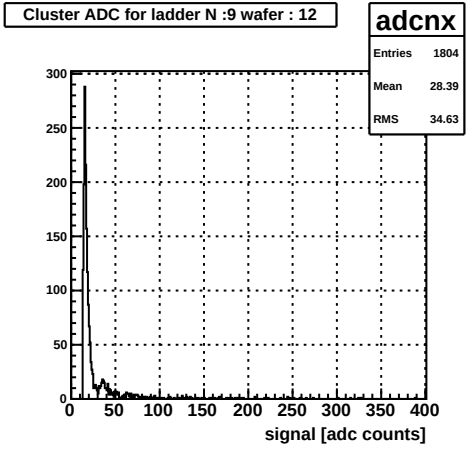

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 939
Mean 61.4
RMS 59.45
signal [adc counts]

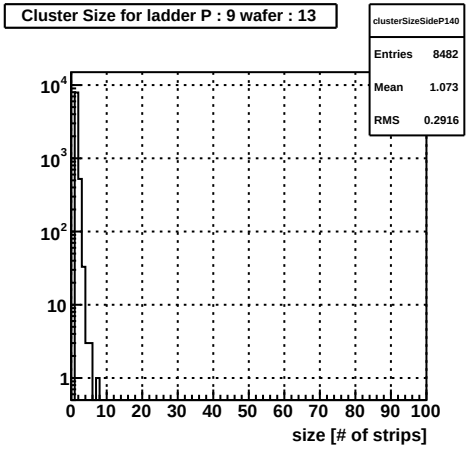

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1196
Mean 1.123
RMS 0.4016
size [# of strips]

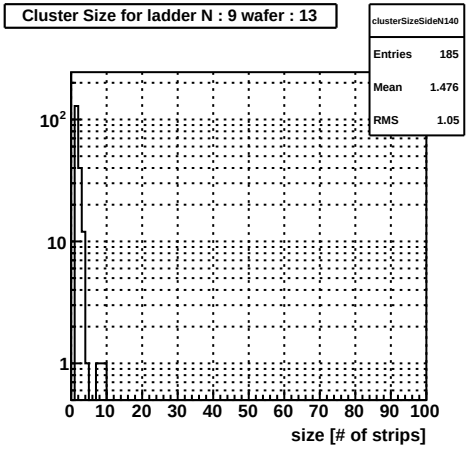

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1804
Mean 1.172
RMS 0.4886
size [# of strips]

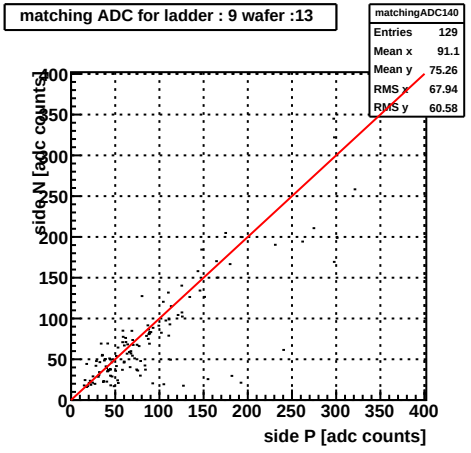

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 195
Mean x 74.12
Mean y 80.22
RMS x 56.72
RMS y 62.66
side N [adc counts]
side P [adc counts]

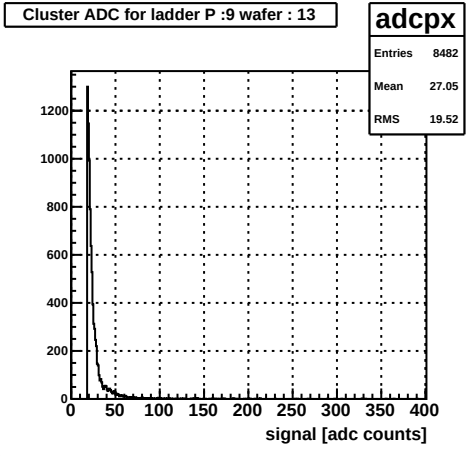

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1196
Mean 35.17
RMS 37.38
signal [adc counts]

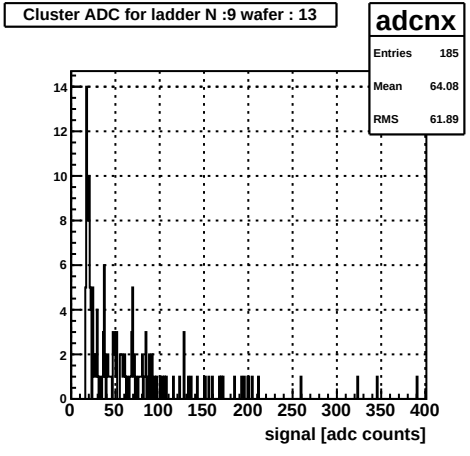

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1804
Mean 28.39
RMS 34.63
signal [adc counts]

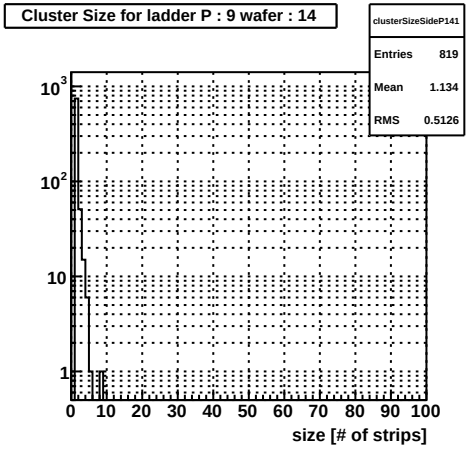

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 8482
Mean 1.073
RMS 0.2916
size [# of strips]

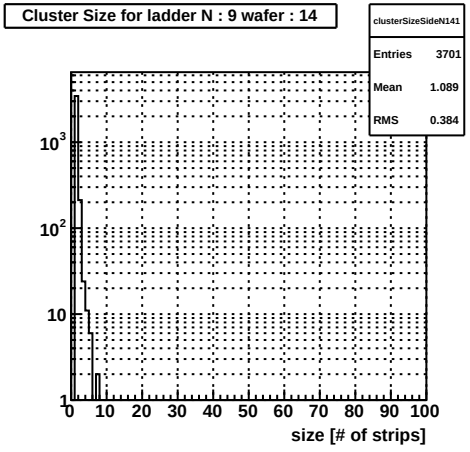

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 185
Mean 1.476
RMS 1.05
size [# of strips]

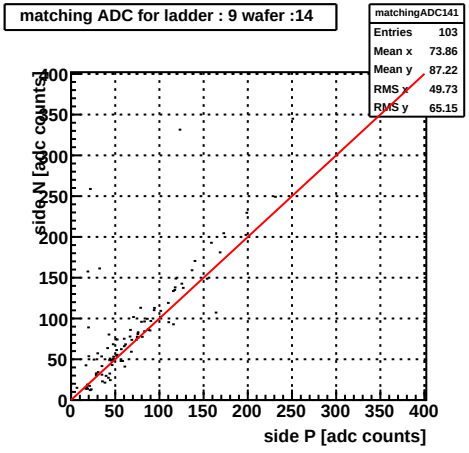

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 129
Mean x 91.1
Mean y 75.26
RMS x 67.94
RMS y 60.58
side N [adc counts]
side P [adc counts]

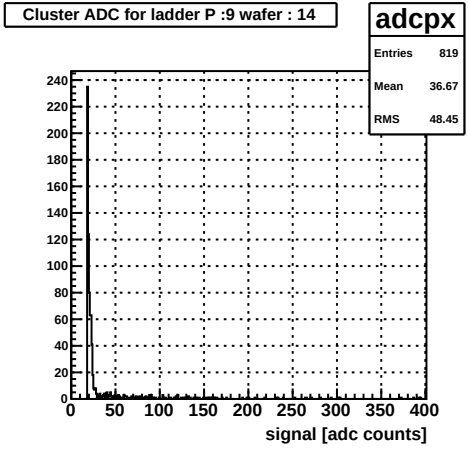

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 8482
Mean 27.05
RMS 19.52
signal [adc counts]

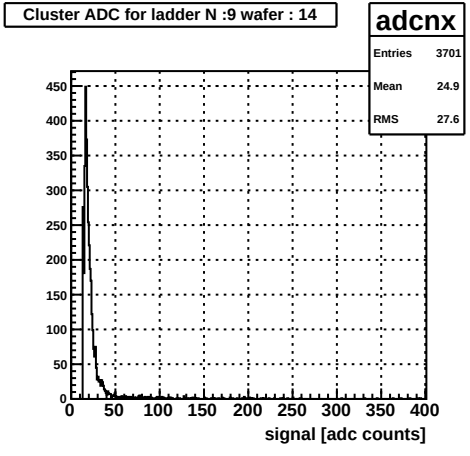

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 185
Mean 64.08
RMS 61.89
signal [adc counts]

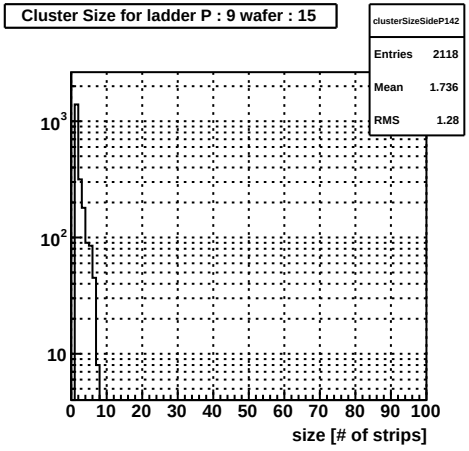

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 819
Mean 1.134
RMS 0.5126
size [# of strips]

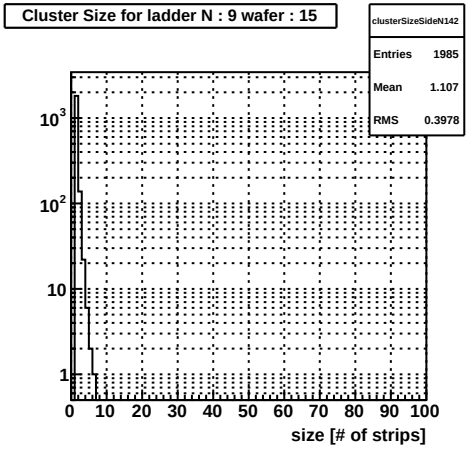

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 3701
Mean 1.089
RMS 0.384
size [# of strips]

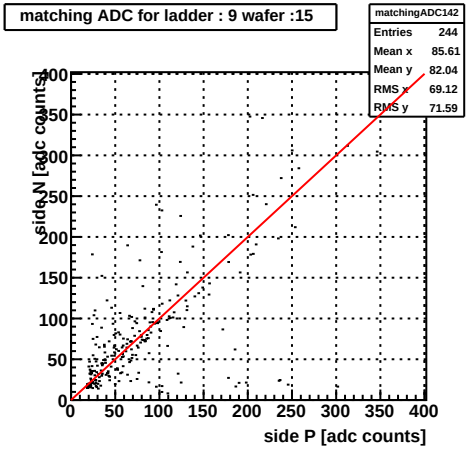

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 103
Mean x 73.86
Mean y 87.22
RMS x 49.73
RMS y 65.15
side N [adc counts]
side P [adc counts]

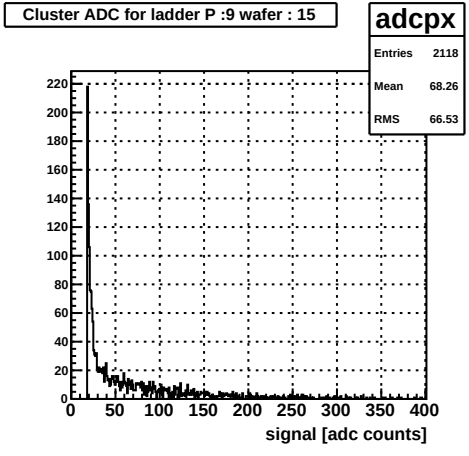

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 819
Mean 36.67
RMS 48.45
signal [adc counts]

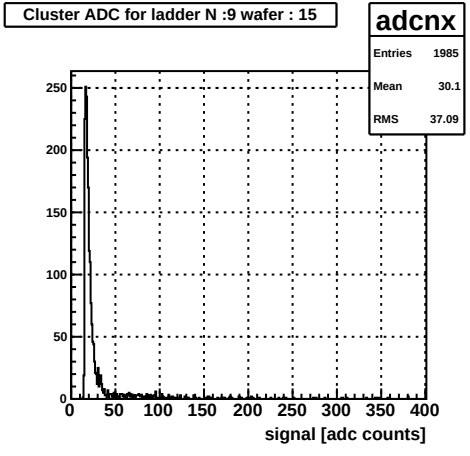

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 3701
Mean 24.9
RMS 27.6
signal [adc counts]

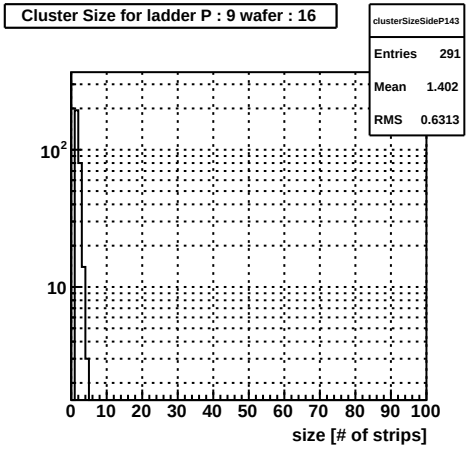

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2118
Mean 1.736
RMS 1.28
size [# of strips]

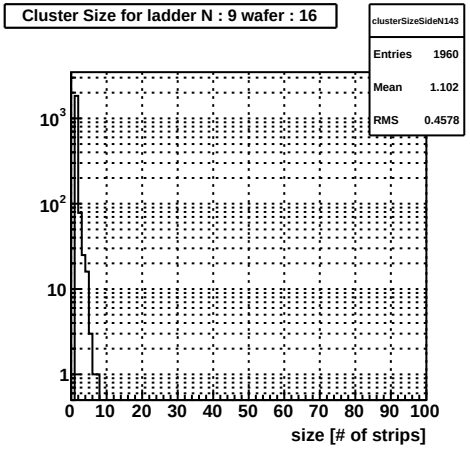

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1985
Mean 1.107
RMS 0.3978
size [# of strips]

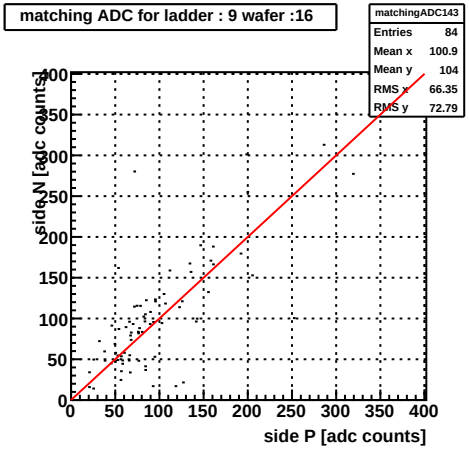

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 244
Mean x 85.61
Mean y 82.04
RMS x 69.12
RMS y 71.59
side N [adc counts]
side P [adc counts]

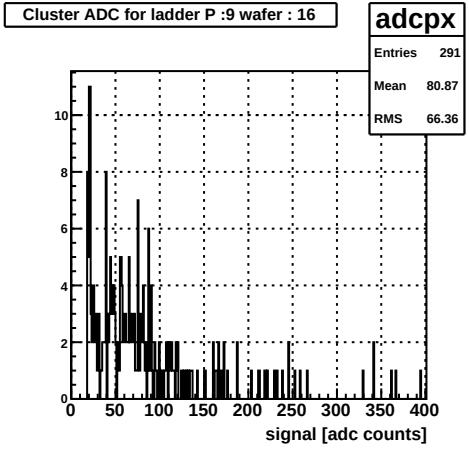

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2118
Mean 68.26
RMS 66.53
signal [adc counts]

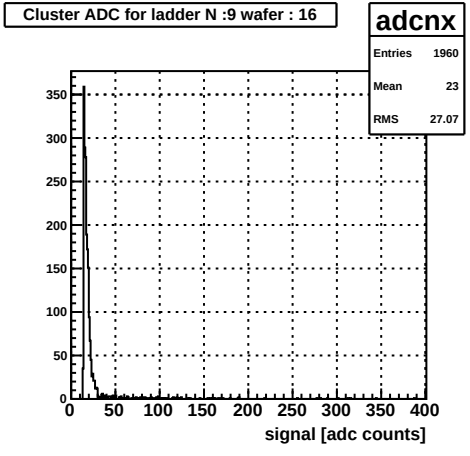

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1985
Mean 30.1
RMS 37.09
signal [adc counts]

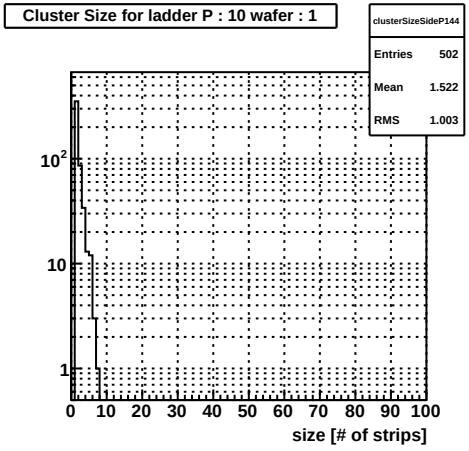

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 291
Mean 1.402
RMS 0.6313
size [# of strips]

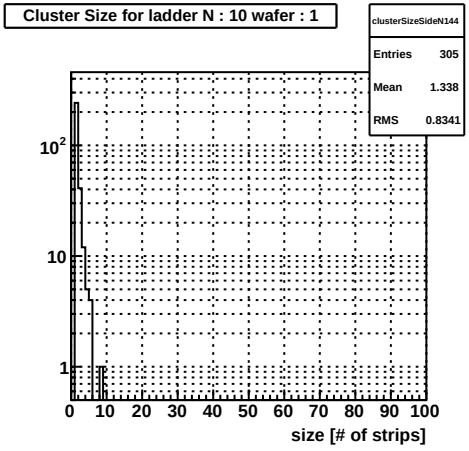

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1960
Mean 1.102
RMS 0.4578
size [# of strips]

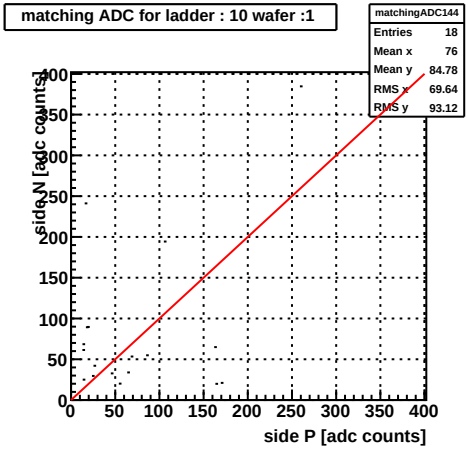

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 84
Mean x 100.9
Mean y 104
RMS x 66.35
RMS y 72.79
side N [adc counts]
side P [adc counts]

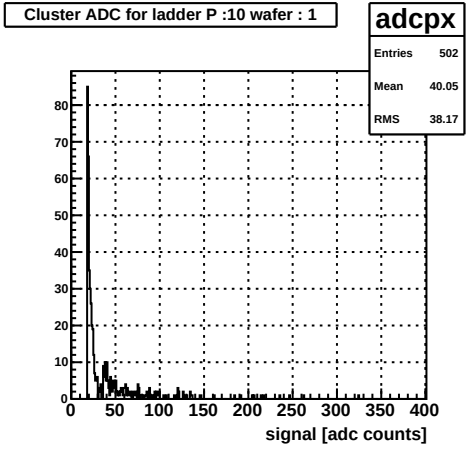

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 291
Mean 80.87
RMS 66.36
signal [adc counts]

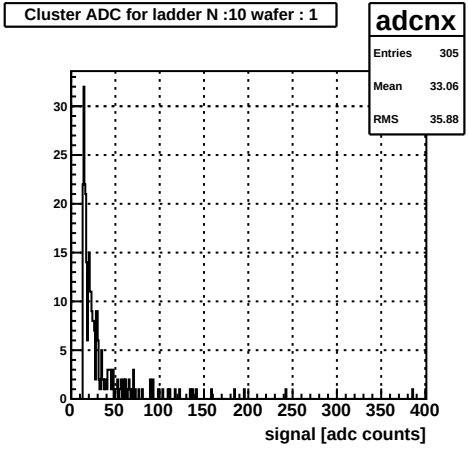

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1960
Mean 23
RMS 27.07
signal [adc counts]

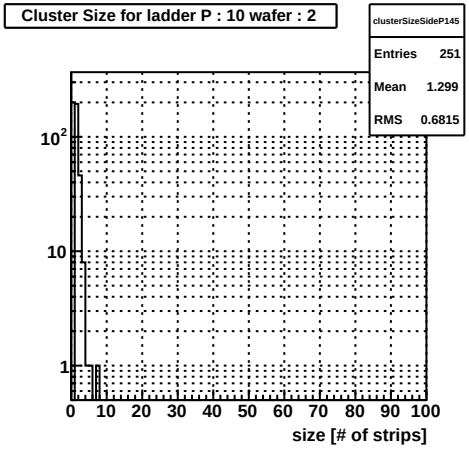

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 502
Mean 1.522
RMS 1.003
size [# of strips]

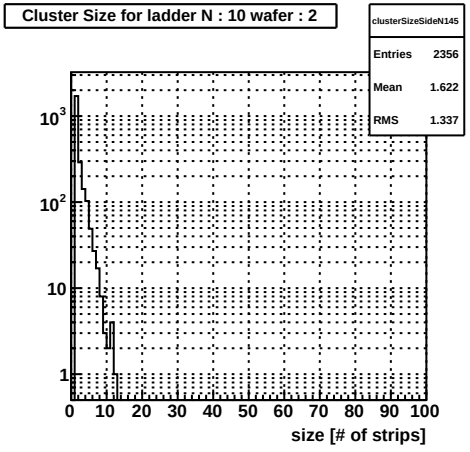

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 305
Mean 1.338
RMS 0.8341
size [# of strips]

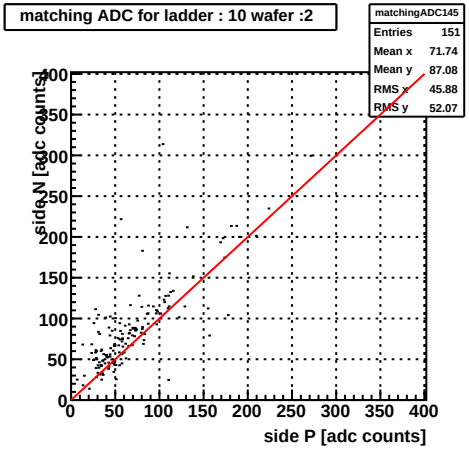

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 18
Mean x 76
Mean y 84.78
RMS x 69.64
RMS y 93.12
side N [adc counts]
side P [adc counts]

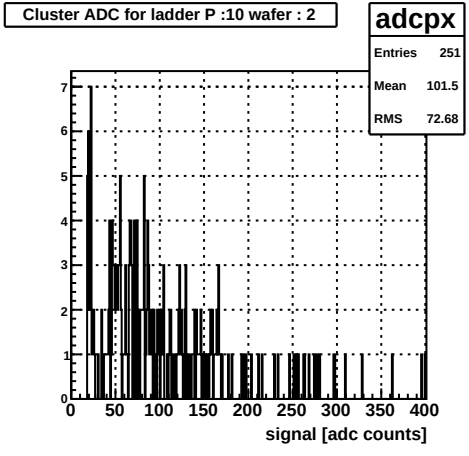

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 502
Mean 40.05
RMS 38.17
signal [adc counts]

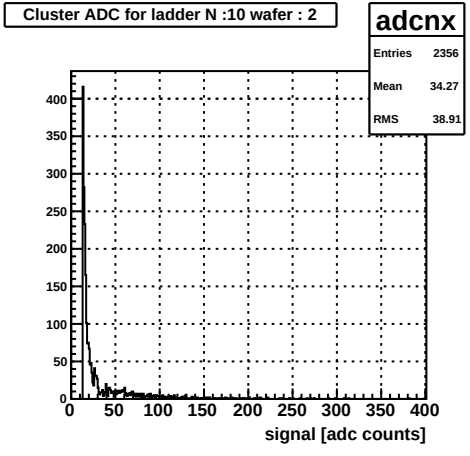

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 305
Mean 33.06
RMS 35.88
signal [adc counts]

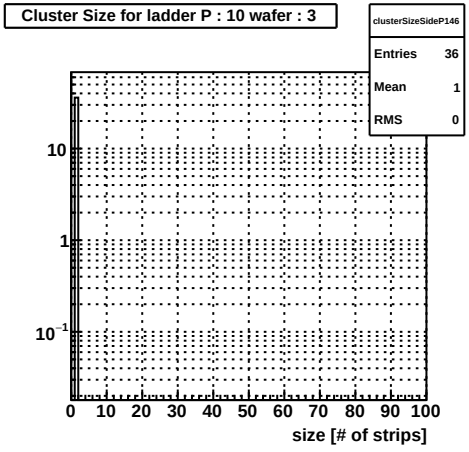

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 251
Mean 1.299
RMS 0.6815
size [# of strips]

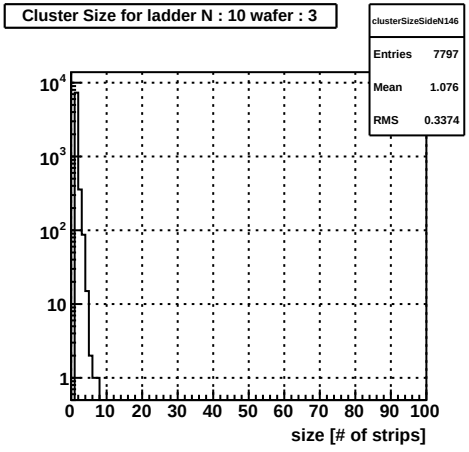

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2356
Mean 1.622
RMS 1.337
size [# of strips]

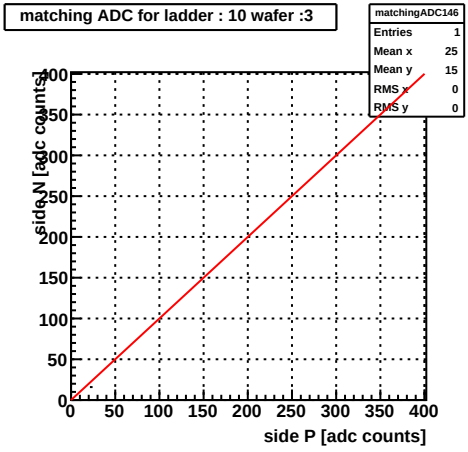

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 151
Mean x 71.74
Mean y 87.08
RMS x 45.88
RMS y 52.07
side N [adc counts]
side P [adc counts]

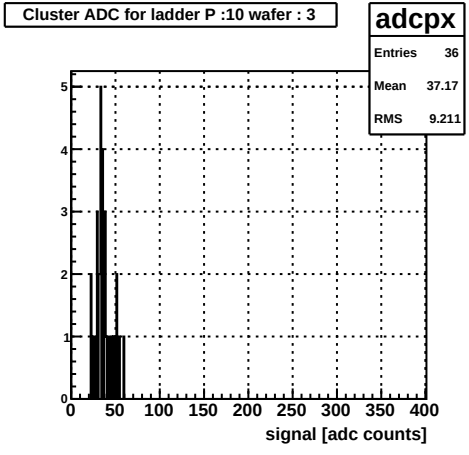

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 251
Mean 101.5
RMS 72.68
signal [adc counts]

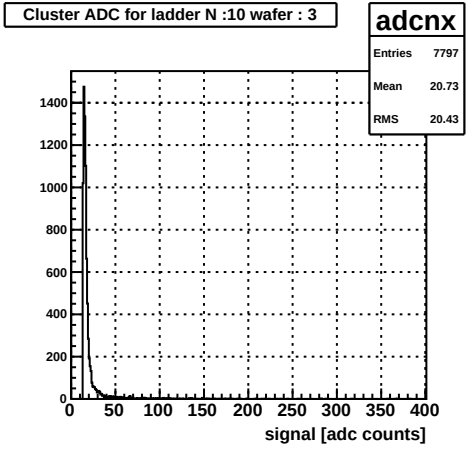

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2356
Mean 34.27
RMS 38.91
signal [adc counts]

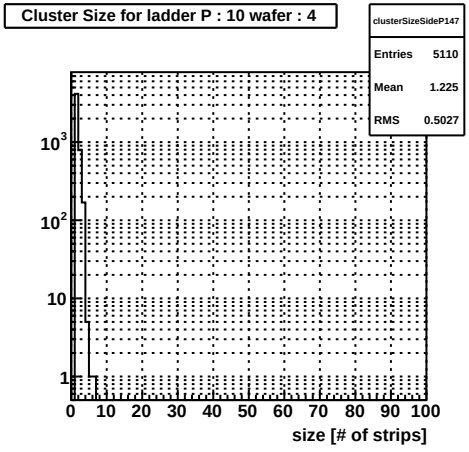

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 36
Mean 1
RMS 0
size [# of strips]

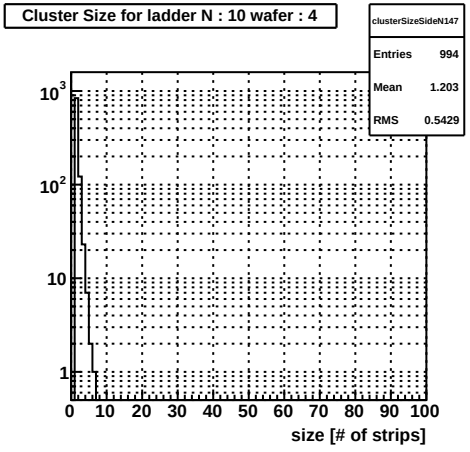

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 7797
Mean 1.076
RMS 0.3374
size [# of strips]

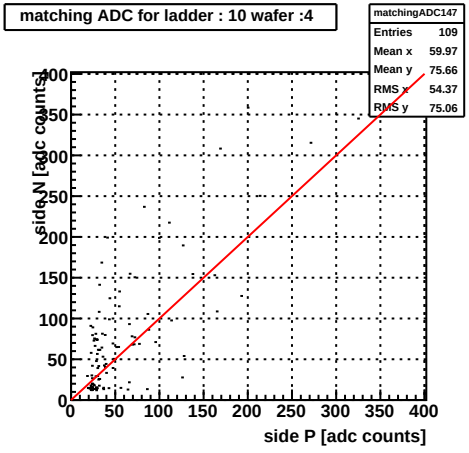

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 25
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

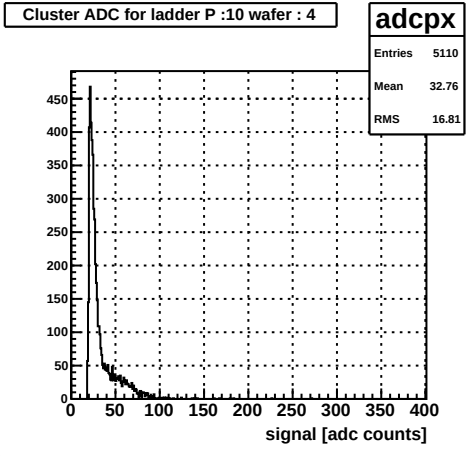

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 36
Mean 37.17
RMS 9.211
signal [adc counts]

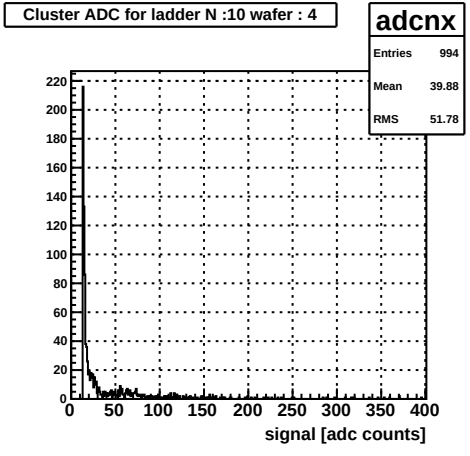

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 7797
Mean 20.73
RMS 20.43
signal [adc counts]

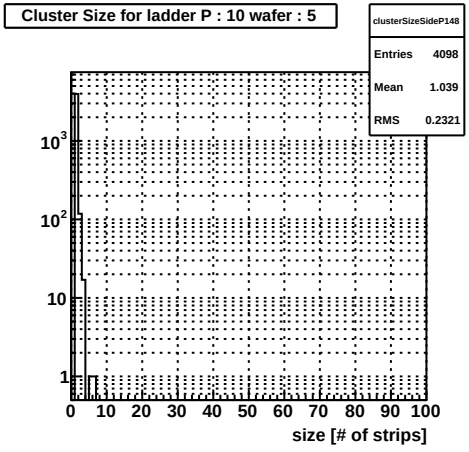

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5110
Mean 1.225
RMS 0.5027
size [# of strips]

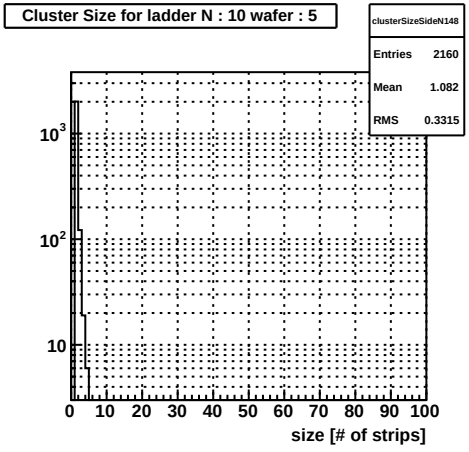

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 994
Mean 1.203
RMS 0.5429
size [# of strips]

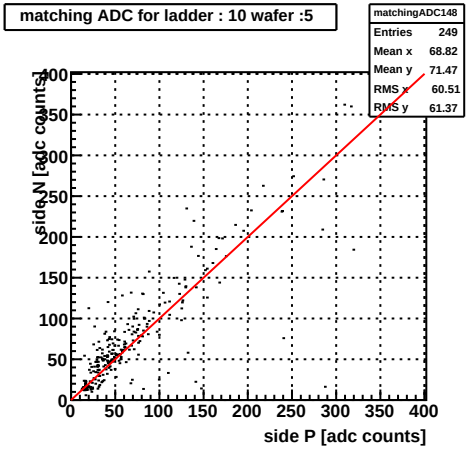

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 109
Mean x 59.97
Mean y 75.66
RMS x 54.37
RMS y 75.06
side N [adc counts]
side P [adc counts]

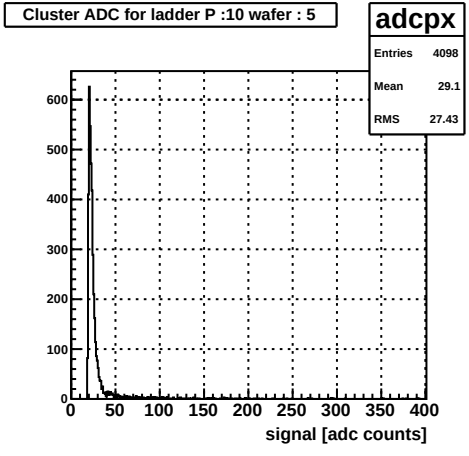

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5110
Mean 32.76
RMS 16.81
signal [adc counts]

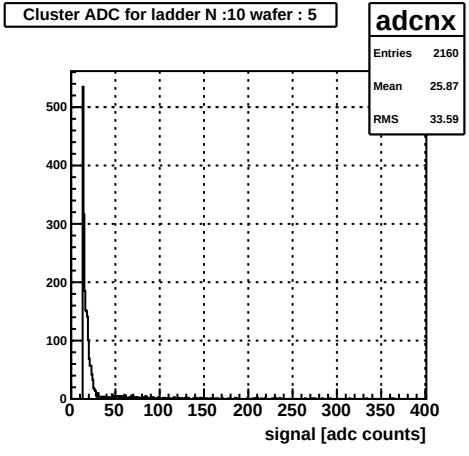

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 994
Mean 39.88
RMS 51.78
signal [adc counts]

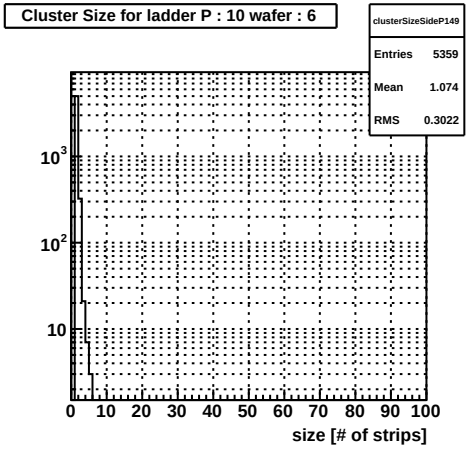

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 4098
Mean 1.039
RMS 0.2321
size [# of strips]

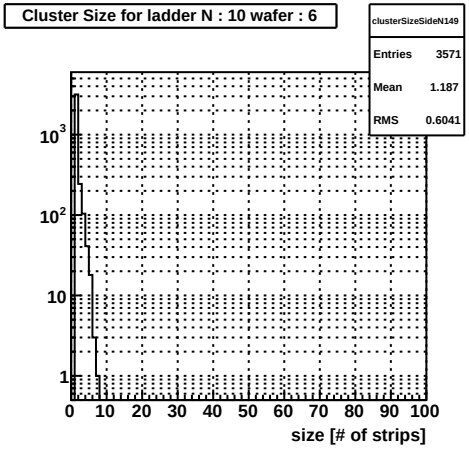

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2160
Mean 1.082
RMS 0.3315
size [# of strips]

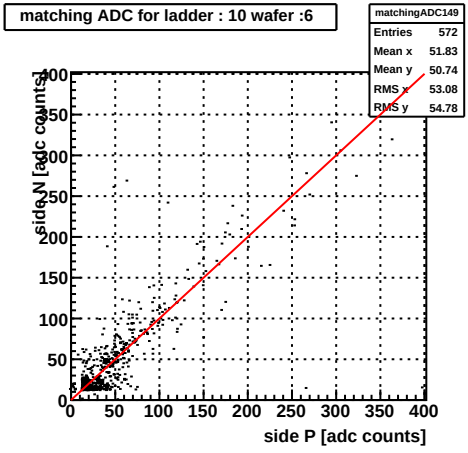

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 249
Mean x 68.82
Mean y 71.47
RMS x 60.51
RMS y 61.37
side N [adc counts]
side P [adc counts]

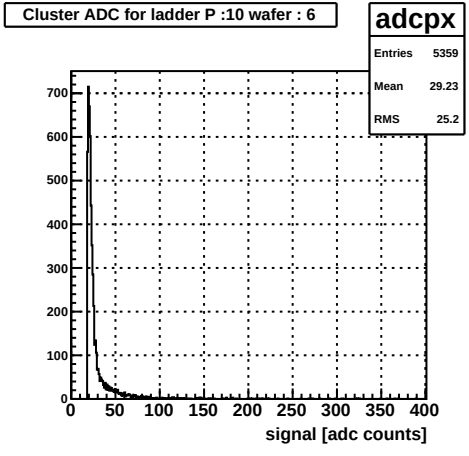

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 4098
Mean 29.1
RMS 27.43
signal [adc counts]

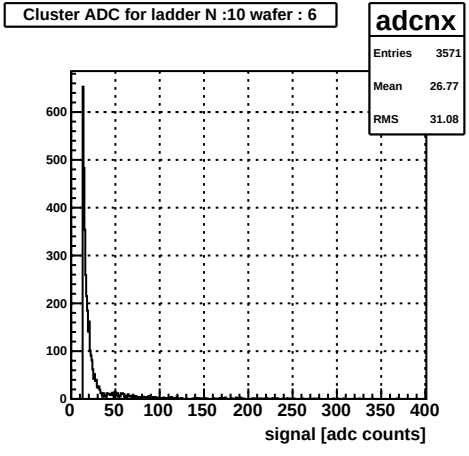

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2160
Mean 25.87
RMS 33.59
signal [adc counts]

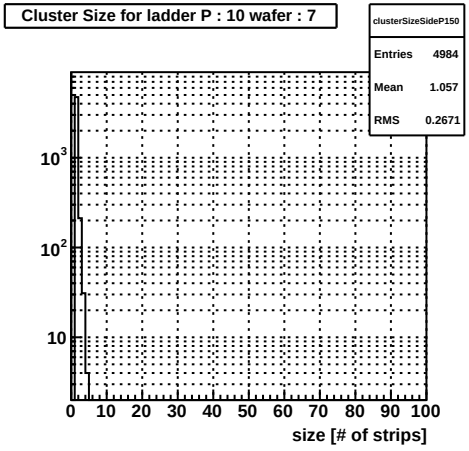

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 5359
Mean 1.074
RMS 0.3022
size [# of strips]

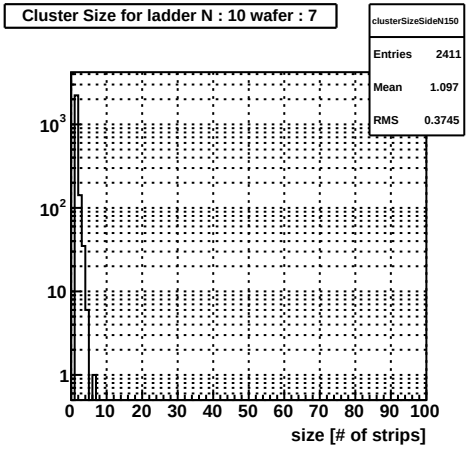

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 3571
Mean 1.187
RMS 0.6041
size [# of strips]

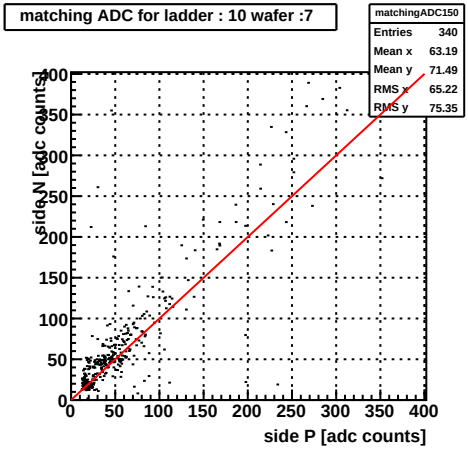

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 572
Mean x 51.83
Mean y 50.74
RMS x 53.08
RMS y 54.78
side N [adc counts]
side P [adc counts]

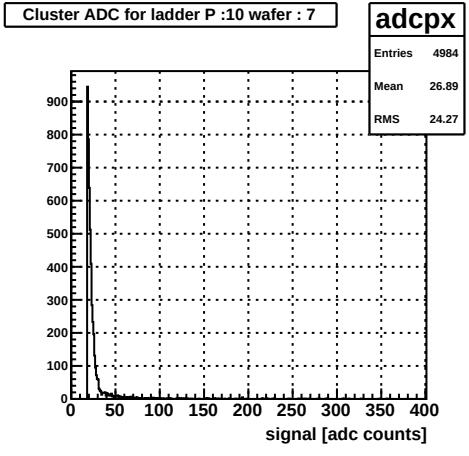

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 5359
Mean 29.23
RMS 25.2
signal [adc counts]

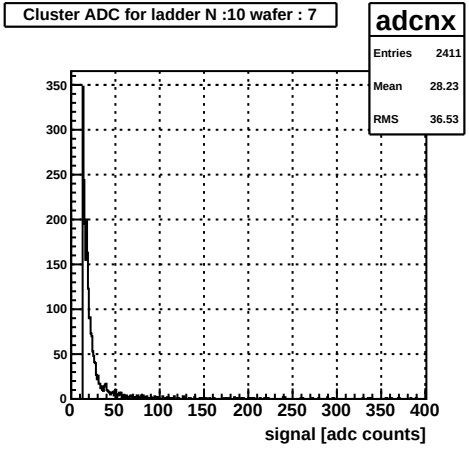

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 3571
Mean 26.77
RMS 31.08
signal [adc counts]

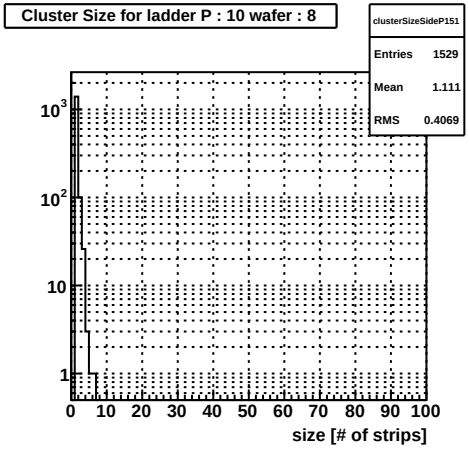

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 4984
Mean 1.057
RMS 0.2671
size [# of strips]

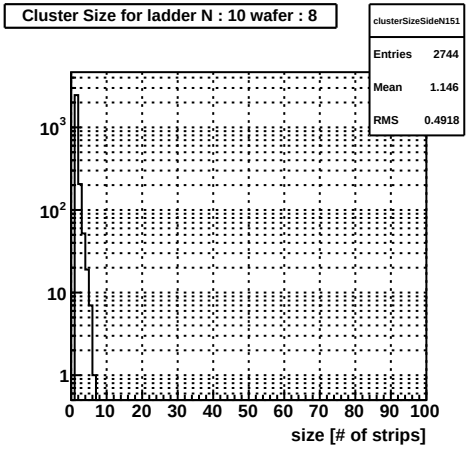

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2411
Mean 1.097
RMS 0.3745
size [# of strips]

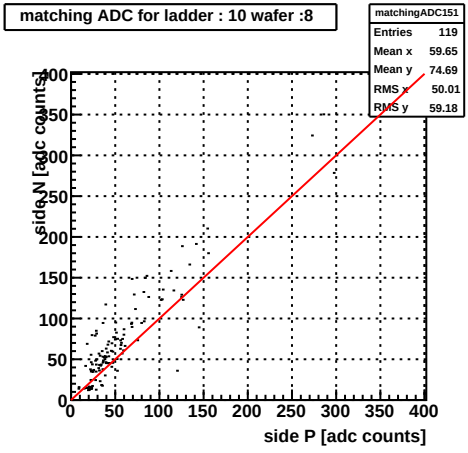

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 340
Mean x 63.19
Mean y 71.49
RMS x 65.22
RMS y 75.35
side N [adc counts]
side P [adc counts]

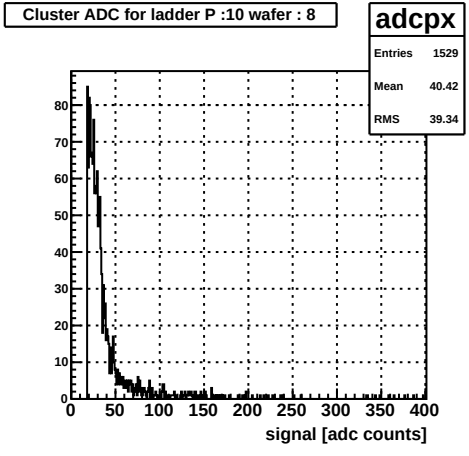

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 4984
Mean 26.89
RMS 24.27
signal [adc counts]

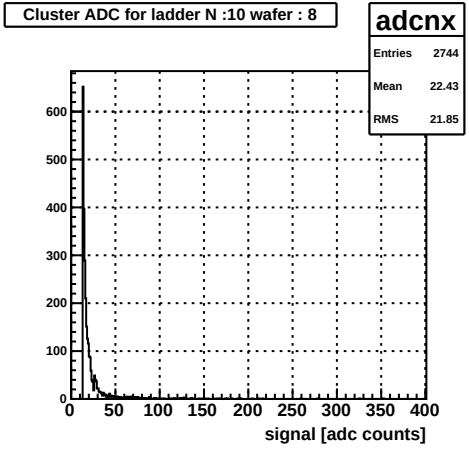

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2411
Mean 28.23
RMS 36.53
signal [adc counts]

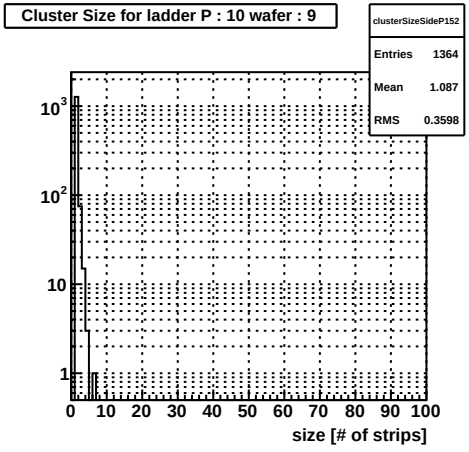

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1529
Mean 1.111
RMS 0.4069
size [# of strips]

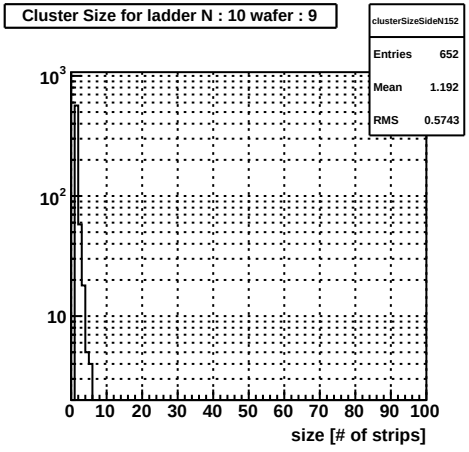

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2744
Mean 1.146
RMS 0.4918
size [# of strips]

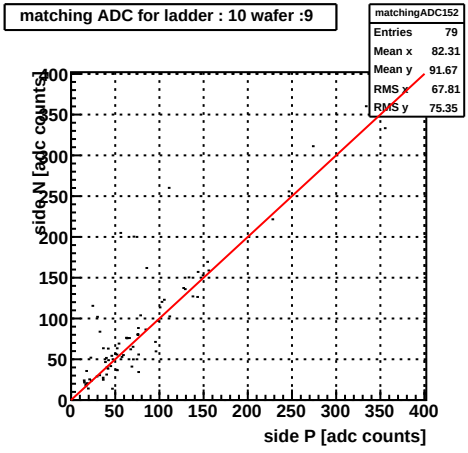

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 119
Mean x 59.65
Mean y 74.69
RMS x 50.01
RMS y 59.18
side N [adc counts]
side P [adc counts]

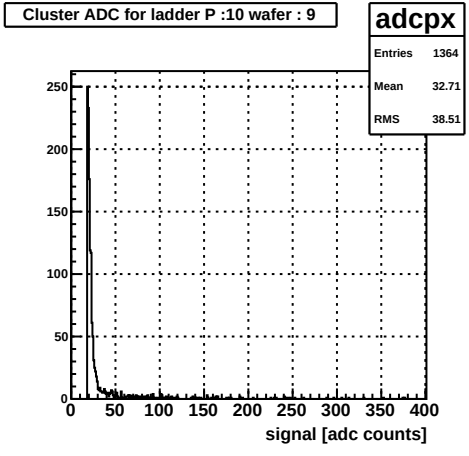

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1529
Mean 40.42
RMS 39.34
signal [adc counts]

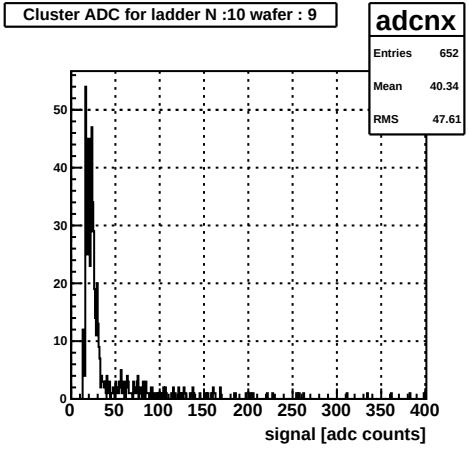

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2744
Mean 22.43
RMS 21.85
signal [adc counts]

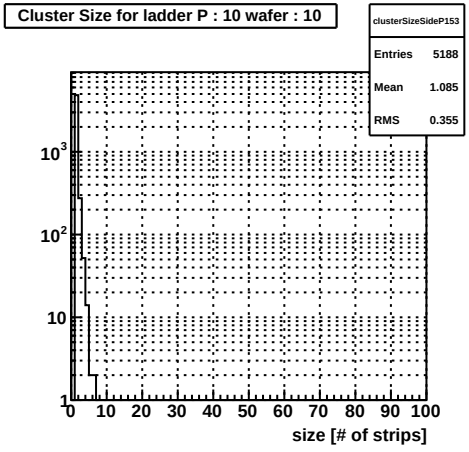

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1364
Mean 1.087
RMS 0.3598
size [# of strips]

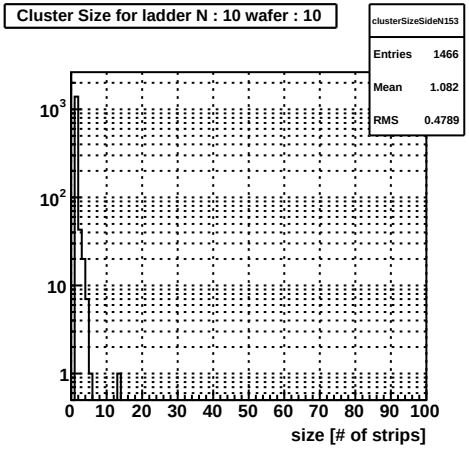

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 652
Mean 1.192
RMS 0.5743
size [# of strips]

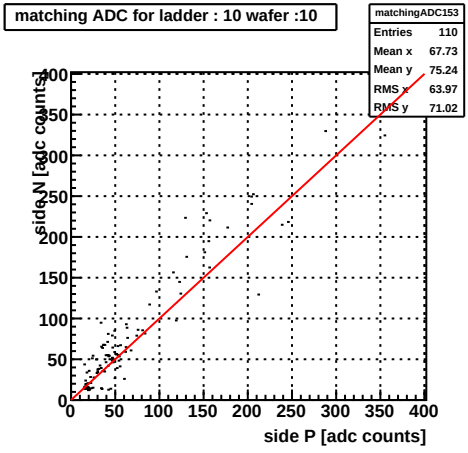

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 79
Mean x 82.31
Mean y 91.67
RMS x 67.81
RMS y 75.35
side N [adc counts]
side P [adc counts]

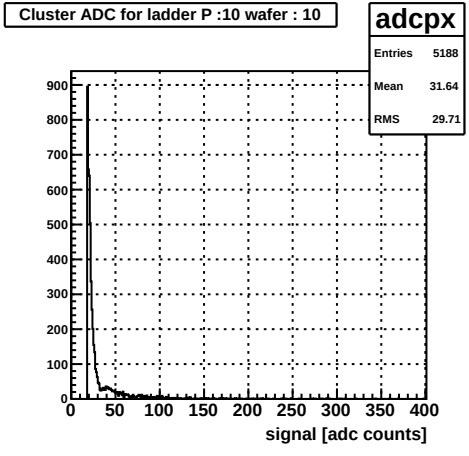

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1364
Mean 32.71
RMS 38.51
signal [adc counts]

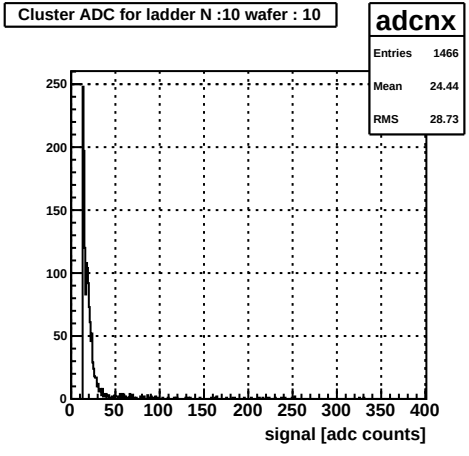

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 652
Mean 40.34
RMS 47.61
signal [adc counts]

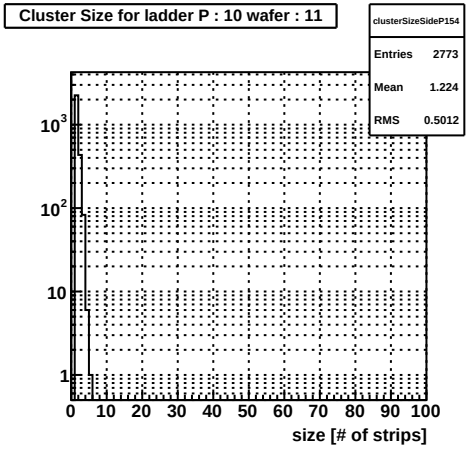

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 5188
Mean 1.085
RMS 0.355
size [# of strips]

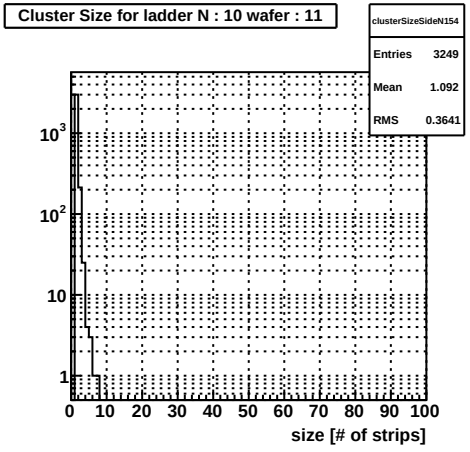

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1466
Mean 1.082
RMS 0.4789
size [# of strips]

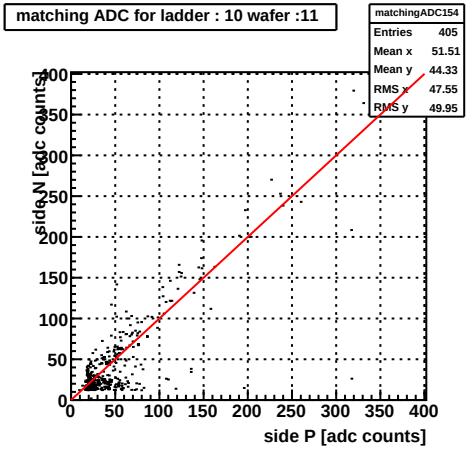

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 110
Mean x 67.73
Mean y 75.24
RMS x 63.97
RMS y 71.02
side N [adc counts]
side P [adc counts]

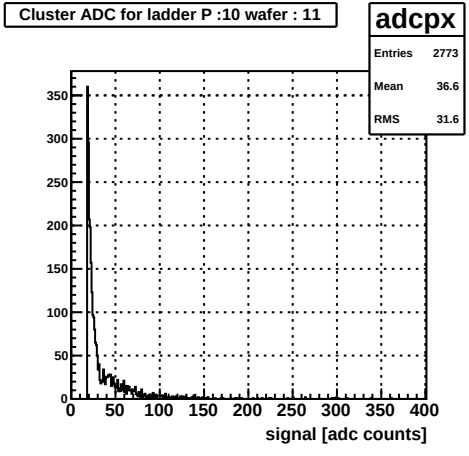

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 5188
Mean 31.64
RMS 29.71
signal [adc counts]

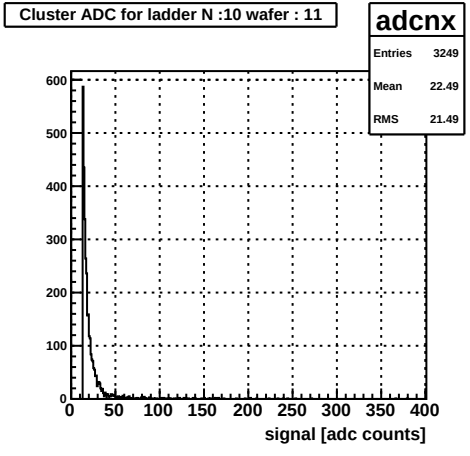

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1466
Mean 24.44
RMS 28.73
signal [adc counts]

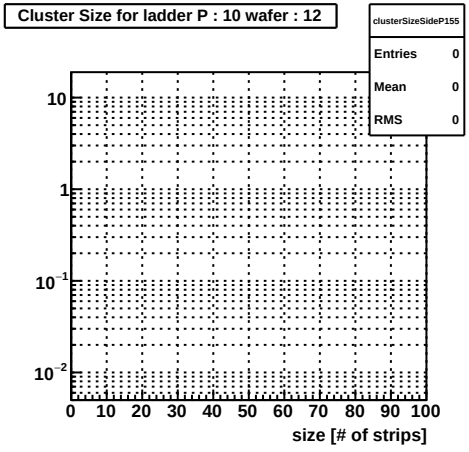

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 2773
Mean 1.224
RMS 0.5012
size [# of strips]

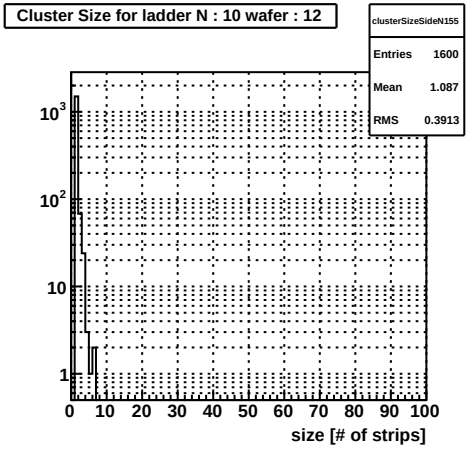

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3249
Mean 1.092
RMS 0.3641
size [# of strips]

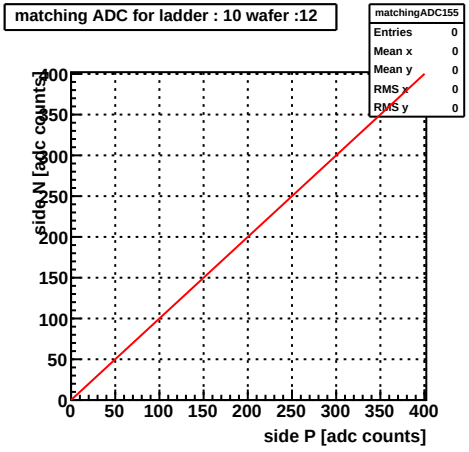

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 405
Mean x 51.51
Mean y 44.33
RMS x 47.55
RMS y 49.95
side N [adc counts]
side P [adc counts]

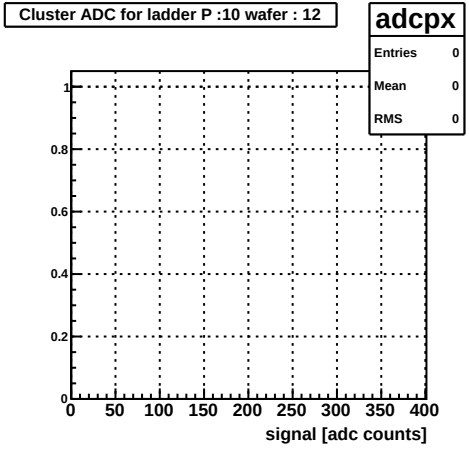

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 2773
Mean 36.6
RMS 31.6
signal [adc counts]

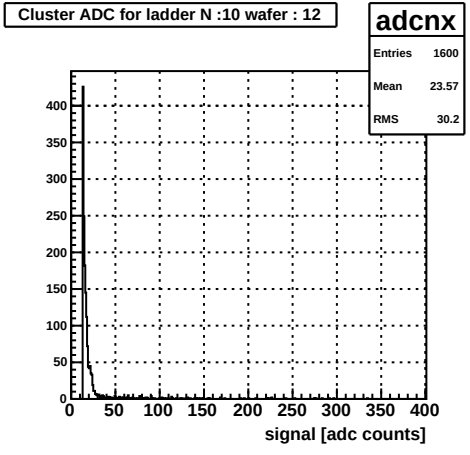

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3249
Mean 22.49
RMS 21.49
signal [adc counts]

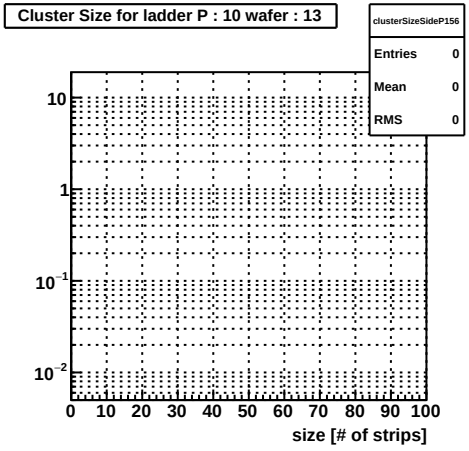

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

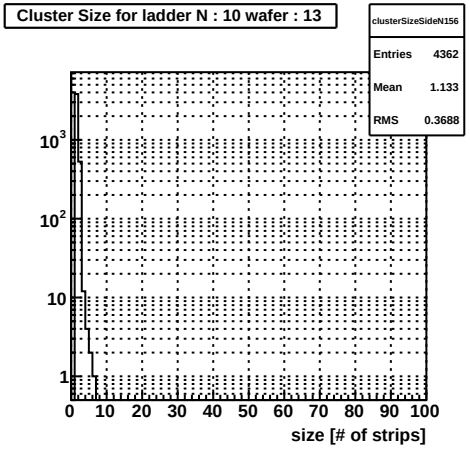

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1600
Mean 1.087
RMS 0.3913
size [# of strips]

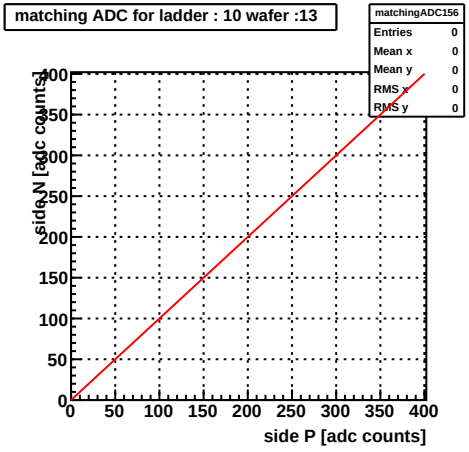

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

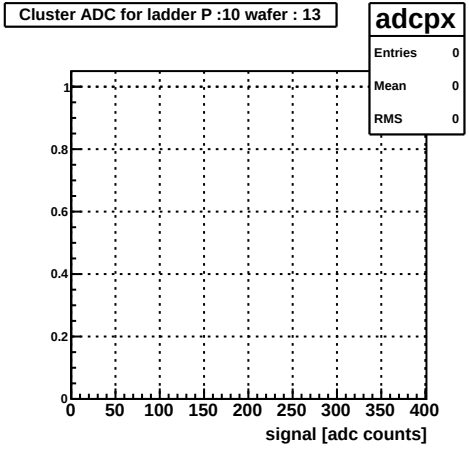

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

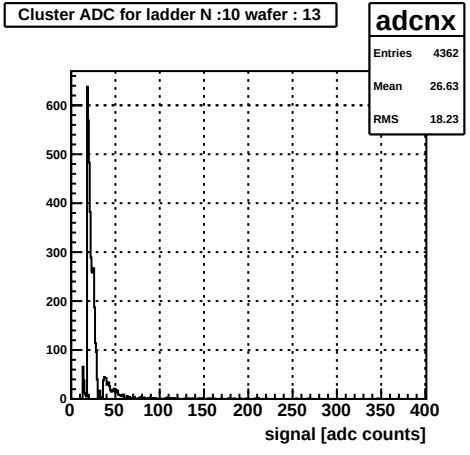

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1600
Mean 23.57
RMS 30.2
signal [adc counts]

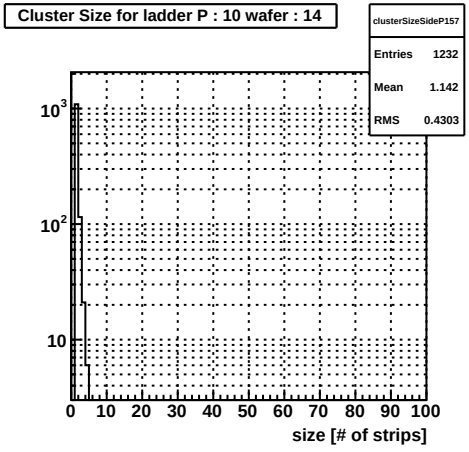

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

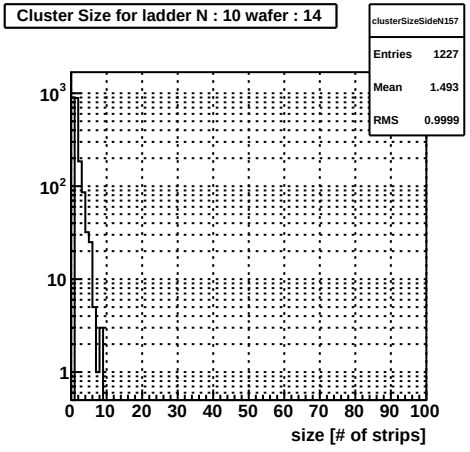

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4362
Mean 1.133
RMS 0.3688
size [# of strips]

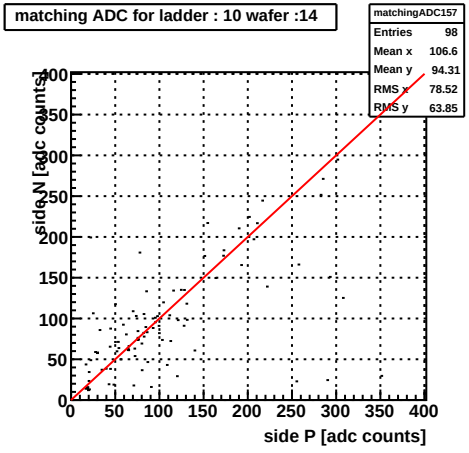

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

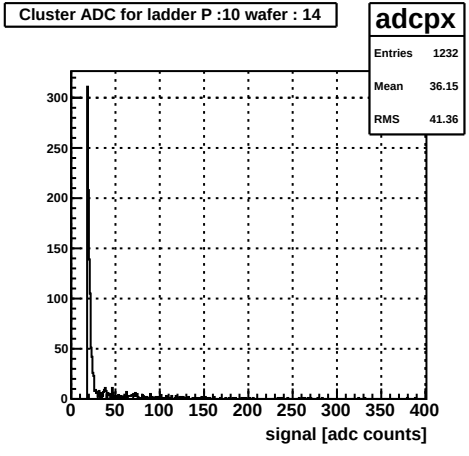

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

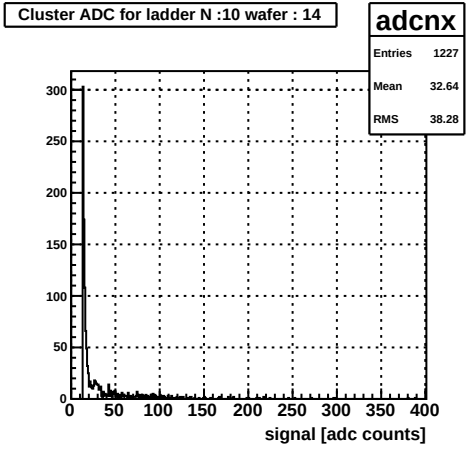

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4362
Mean 26.63
RMS 18.23
signal [adc counts]

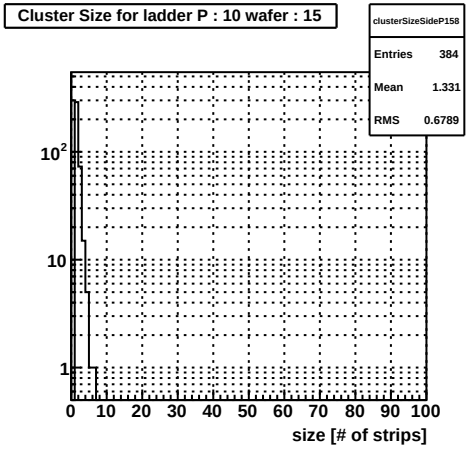

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1232
Mean 1.142
RMS 0.4303
size [# of strips]

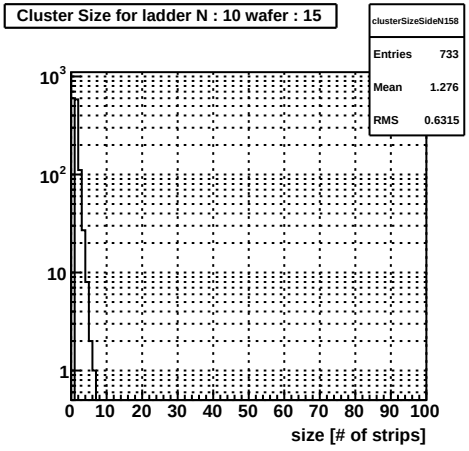

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1227
Mean 1.493
RMS 0.9999
size [# of strips]

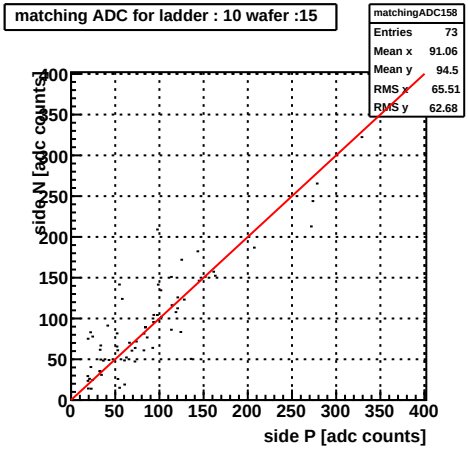

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 98
Mean x 106.6
Mean y 94.31
RMS x 78.52
RMS y 63.85
side N [adc counts]
side P [adc counts]

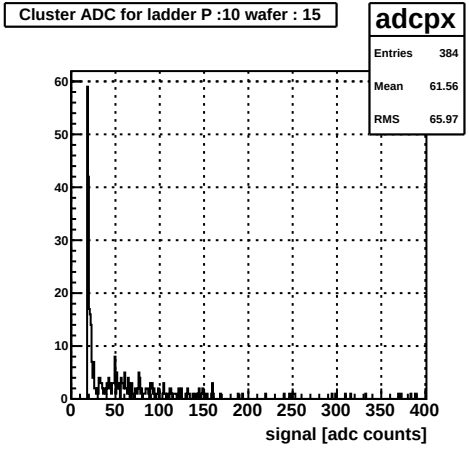

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1232
Mean 36.15
RMS 41.36
signal [adc counts]

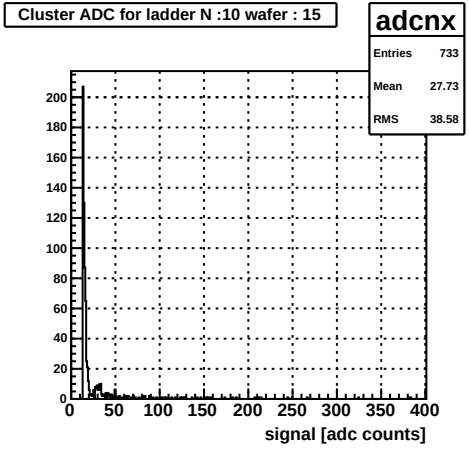

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1227
Mean 32.64
RMS 38.28
signal [adc counts]

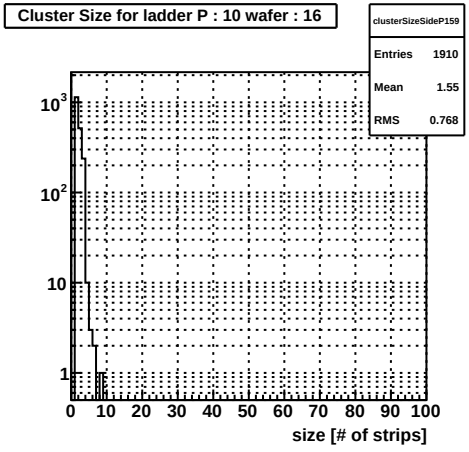

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 384
Mean 1.331
RMS 0.6789
size [# of strips]

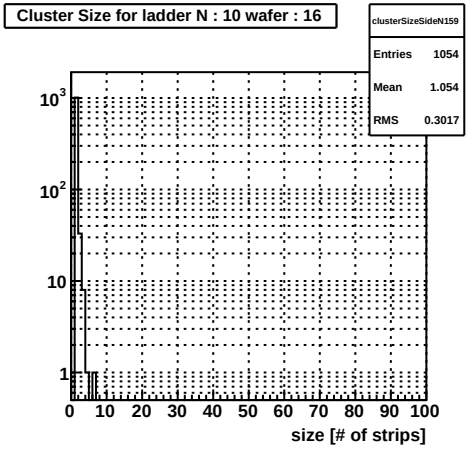

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 733
Mean 1.276
RMS 0.6315
size [# of strips]

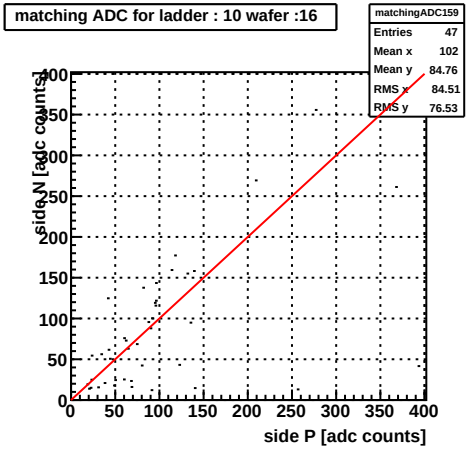

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 73
Mean x 91.06
Mean y 94.5
RMS x 65.51
RMS y 62.68
side N [adc counts]
side P [adc counts]

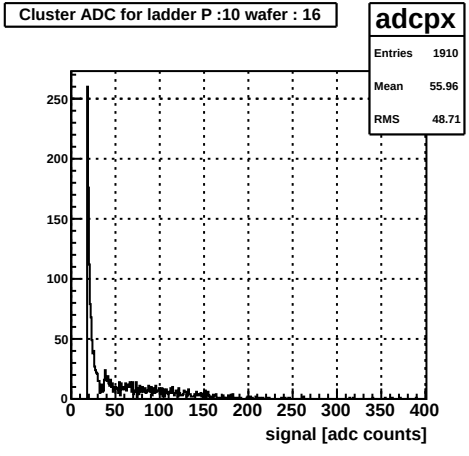

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 384
Mean 61.56
RMS 65.97
signal [adc counts]

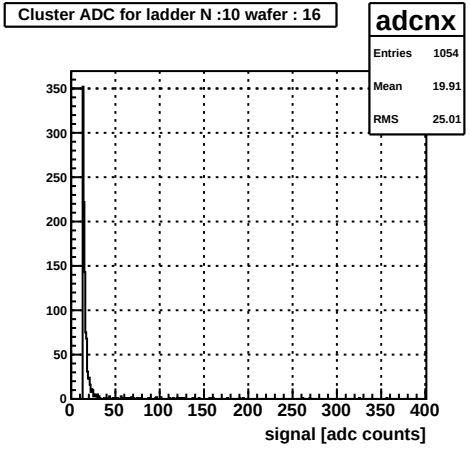

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 733
Mean 27.73
RMS 38.58
signal [adc counts]

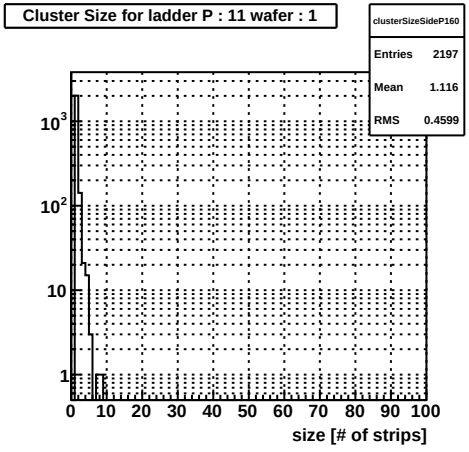

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1910
Mean 1.55
RMS 0.768
size [# of strips]

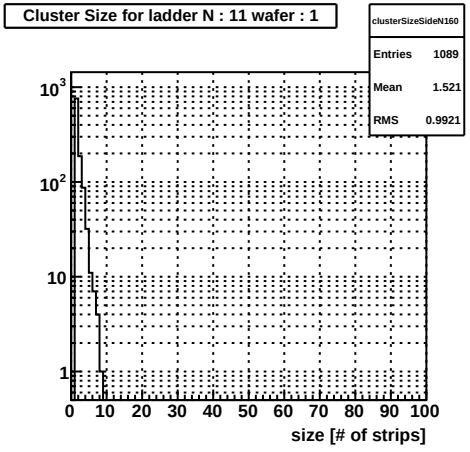

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1054
Mean 1.054
RMS 0.3017
size [# of strips]

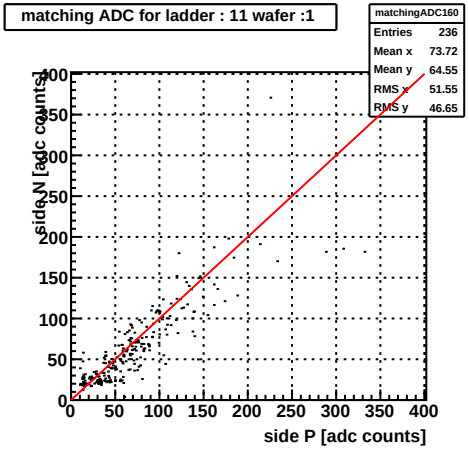

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 47
Mean x 102
Mean y 84.76
RMS x 84.51
RMS y 76.53
side N [adc counts]
side P [adc counts]

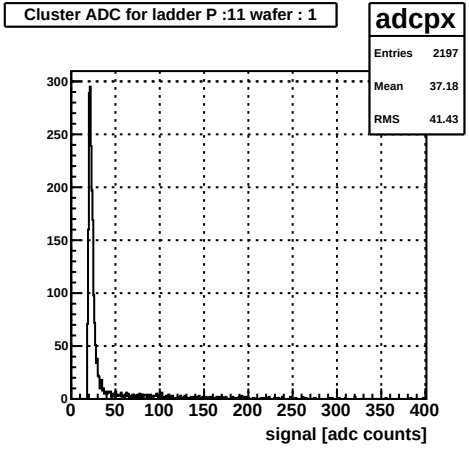

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1910
Mean 55.96
RMS 48.71
signal [adc counts]

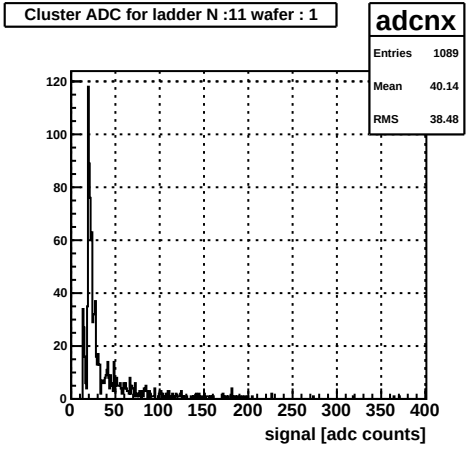

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1054
Mean 19.91
RMS 25.01
signal [adc counts]

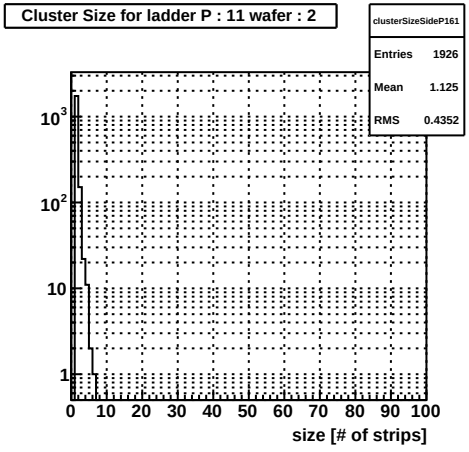

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2197
Mean 1.116
RMS 0.4599
size [# of strips]

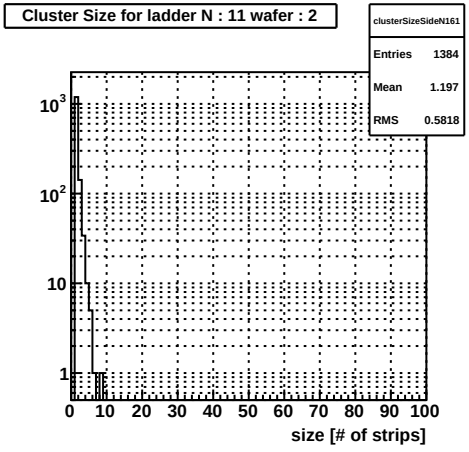

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1089
Mean 1.521
RMS 0.9921
size [# of strips]

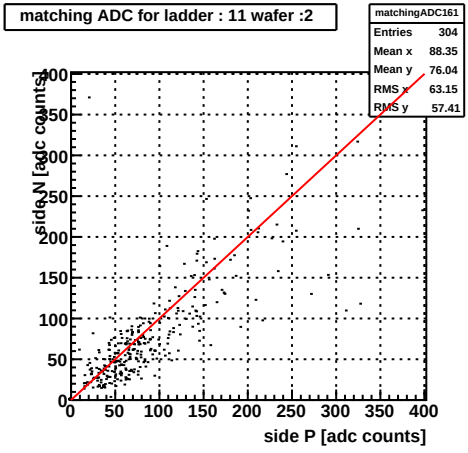

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 236
Mean x 73.72
Mean y 64.55
RMS x 51.55
RMS y 46.65
side N [adc counts]
side P [adc counts]

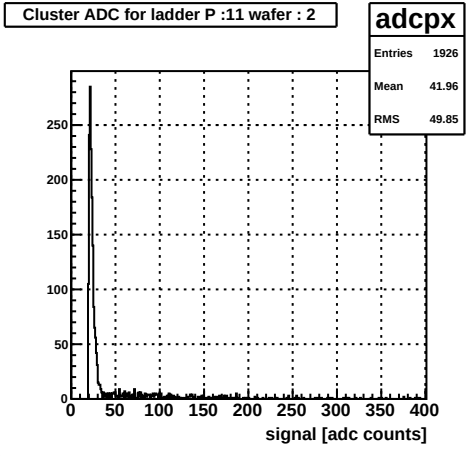

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2197
Mean 37.18
RMS 41.43
signal [adc counts]

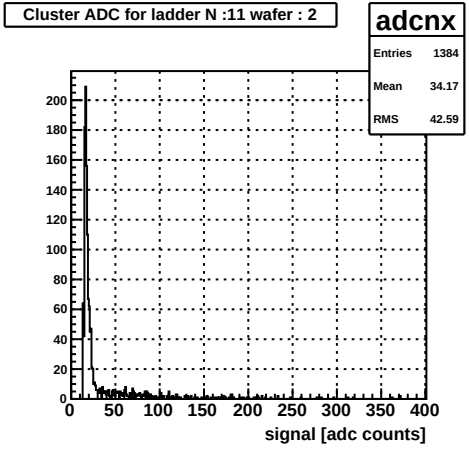

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1089
Mean 40.14
RMS 38.48
signal [adc counts]

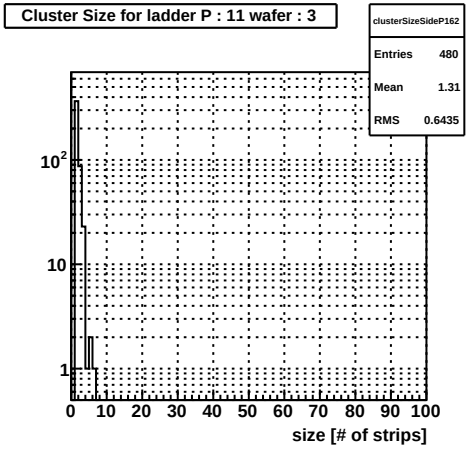

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1926
Mean 1.125
RMS 0.4352
size [# of strips]

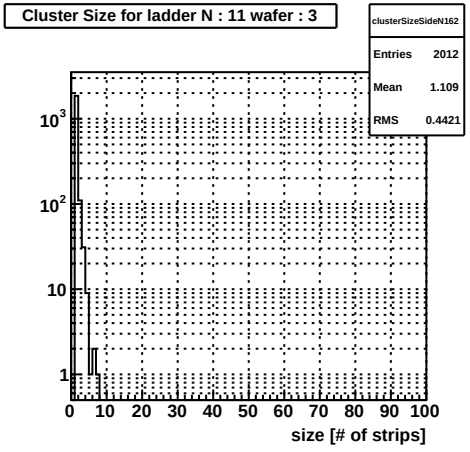

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1384
Mean 1.197
RMS 0.5818
size [# of strips]

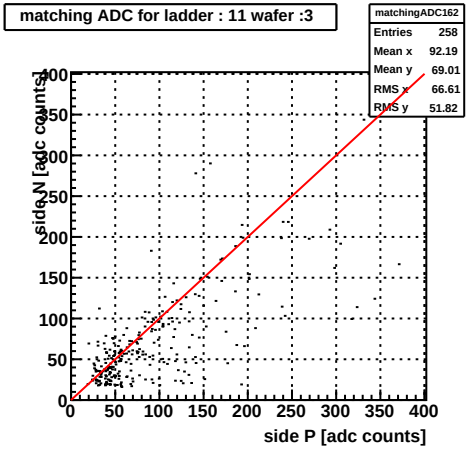

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 304
Mean x 88.35
Mean y 76.04
RMS x 63.15
RMS y 57.41
side N [adc counts]
side P [adc counts]

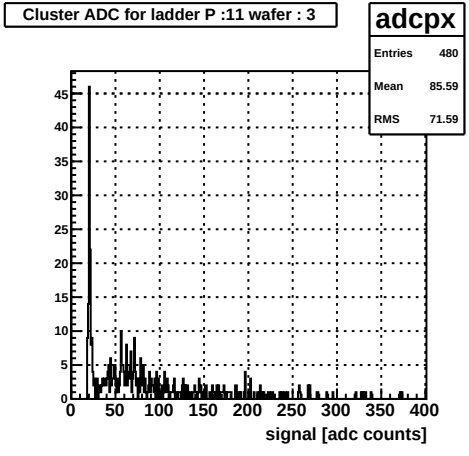

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1926
Mean 41.96
RMS 49.85
signal [adc counts]

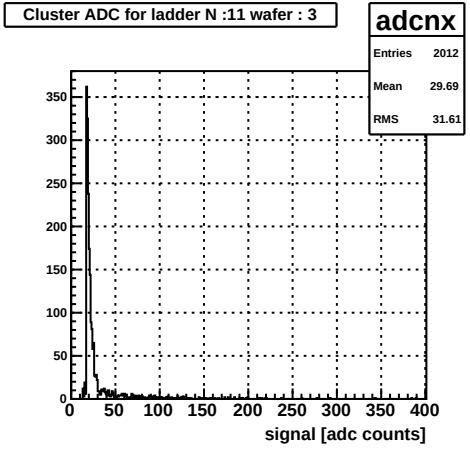

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1384
Mean 34.17
RMS 42.59
signal [adc counts]

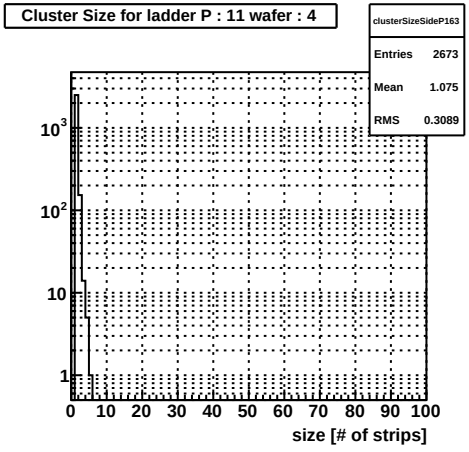

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 480
Mean 1.31
RMS 0.6435
size [# of strips]

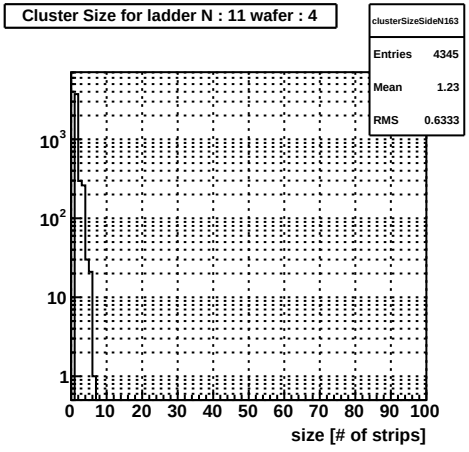

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2012
Mean 1.109
RMS 0.4421
size [# of strips]

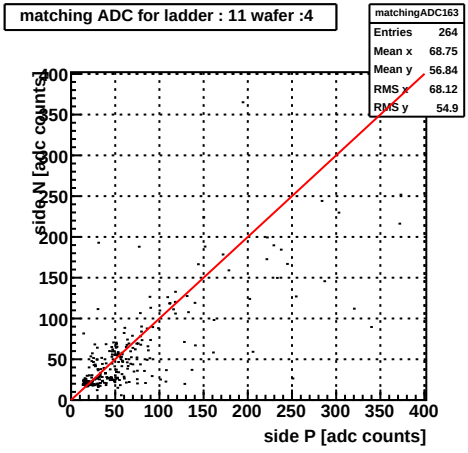

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 258
Mean x 92.19
Mean y 69.01
RMS x 66.61
RMS y 51.82
side N [adc counts]
side P [adc counts]

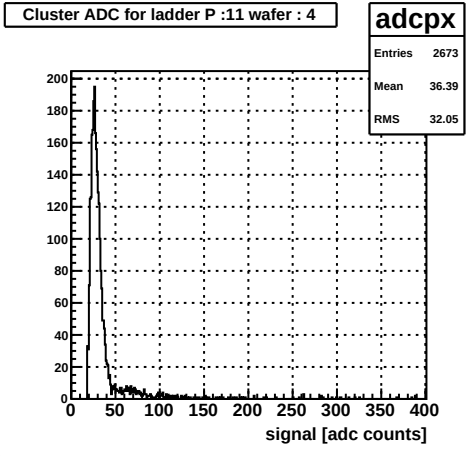

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 480
Mean 85.59
RMS 71.59
signal [adc counts]

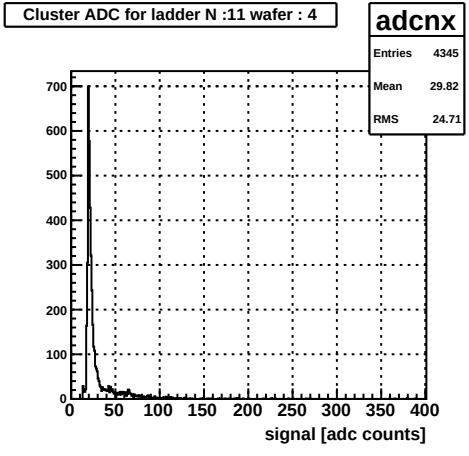

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2012
Mean 29.69
RMS 31.61
signal [adc counts]

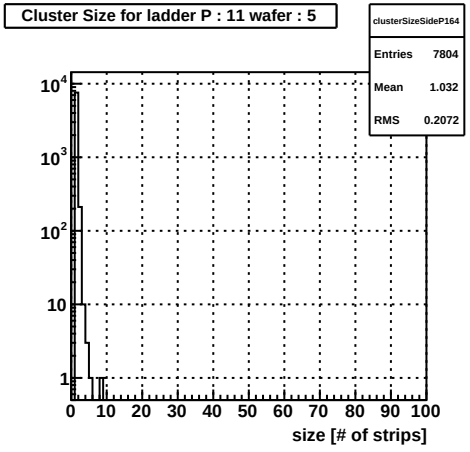

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2673
Mean 1.075
RMS 0.3089
size [# of strips]

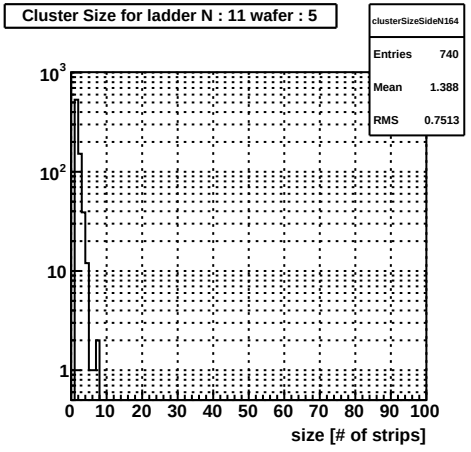

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4345
Mean 1.23
RMS 0.6333
size [# of strips]

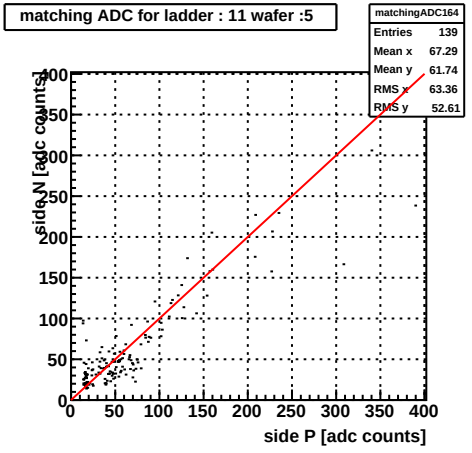

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 264
Mean x 68.75
Mean y 56.84
RMS x 68.12
RMS y 54.9
side N [adc counts]
side P [adc counts]

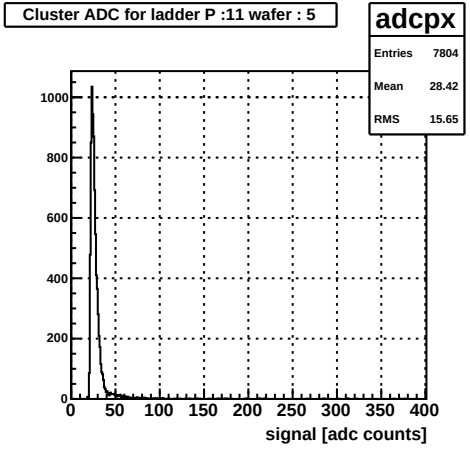

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2673
Mean 36.39
RMS 32.05
signal [adc counts]

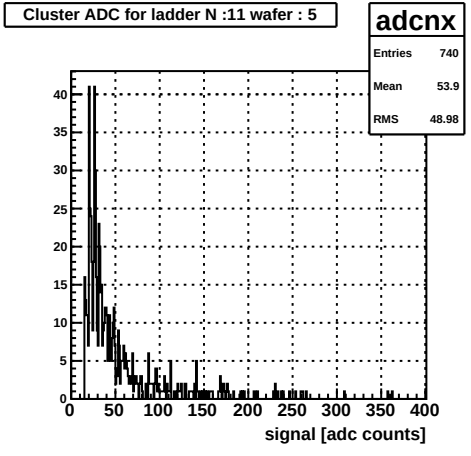

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4345
Mean 29.82
RMS 24.71
signal [adc counts]

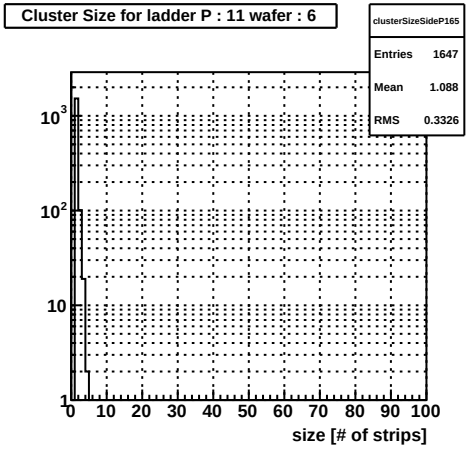

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 7804
Mean 1.032
RMS 0.2072
size [# of strips]

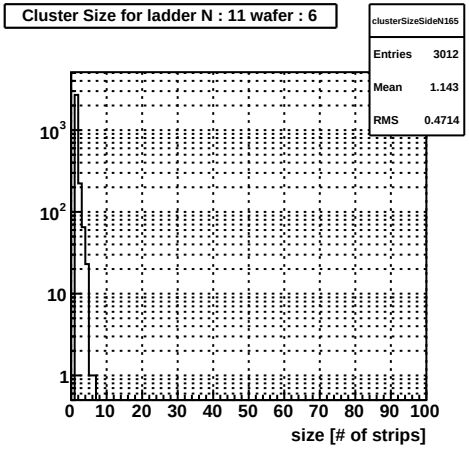

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 740
Mean 1.388
RMS 0.7513
size [# of strips]

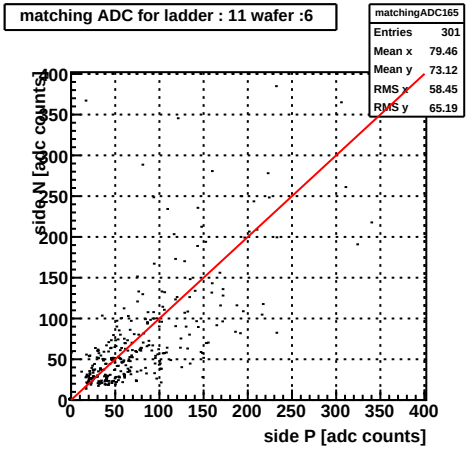

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 139
Mean x 67.29
Mean y 61.74
RMS x 63.36
RMS y 52.61
side N [adc counts]
side P [adc counts]

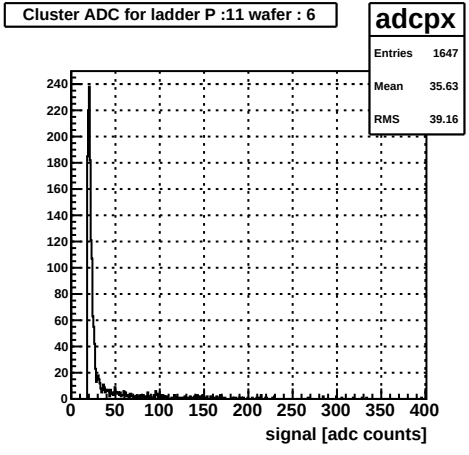

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 7804
Mean 28.42
RMS 15.65
signal [adc counts]

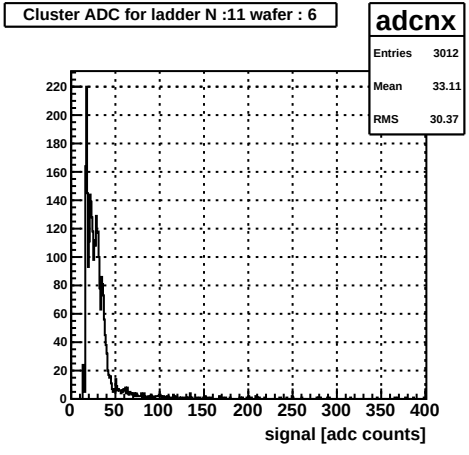

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 740
Mean 53.9
RMS 48.98
signal [adc counts]

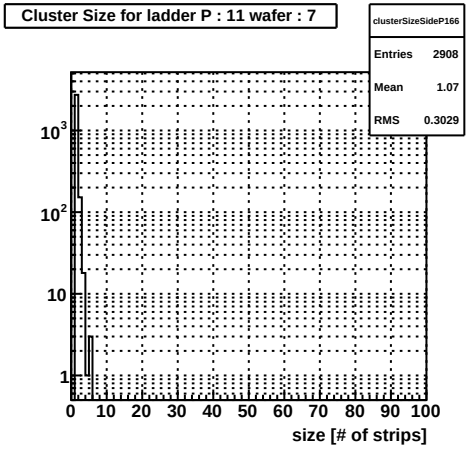

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1647
Mean 1.088
RMS 0.3326
size [# of strips]

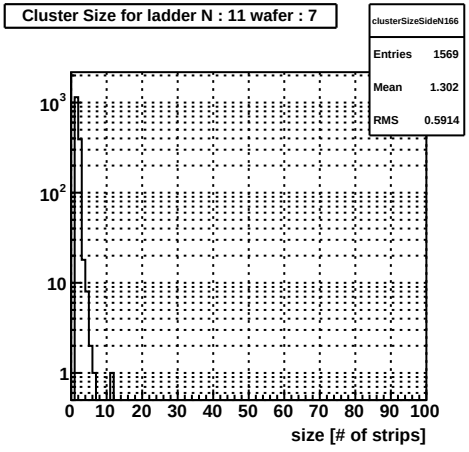

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3012
Mean 1.143
RMS 0.4714
size [# of strips]

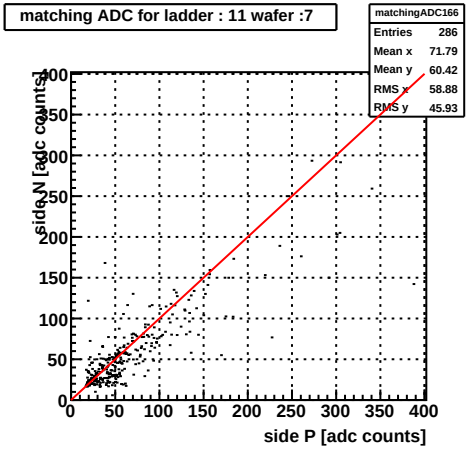

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 301
Mean x 79.46
Mean y 73.12
RMS x 58.45
RMS y 65.19
side N [adc counts]
side P [adc counts]

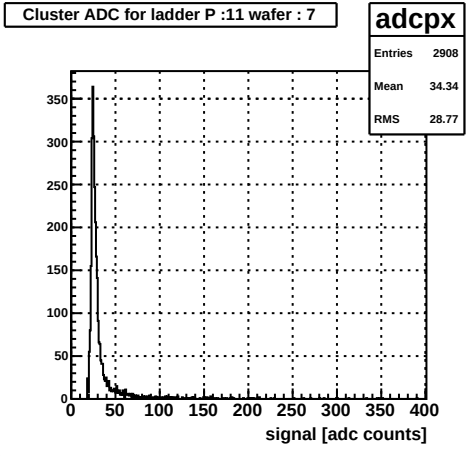

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1647
Mean 35.63
RMS 39.16
signal [adc counts]

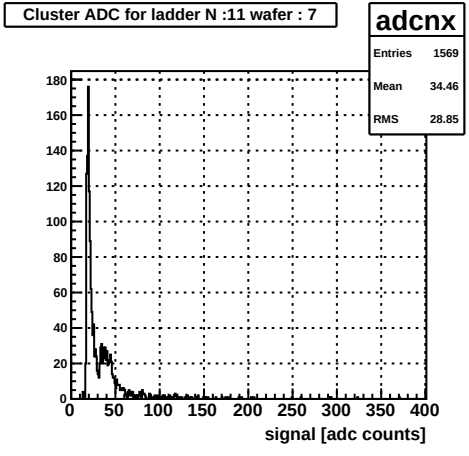

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3012
Mean 33.11
RMS 30.37
signal [adc counts]

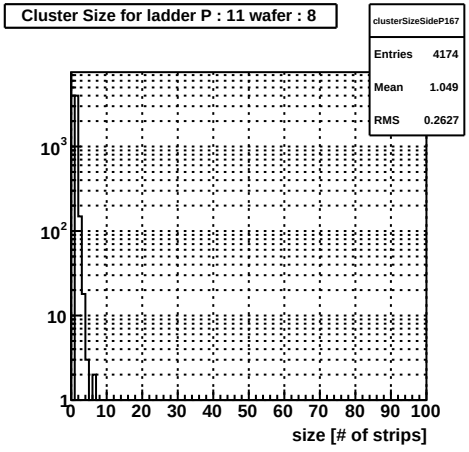

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2908
Mean 1.07
RMS 0.3029
size [# of strips]

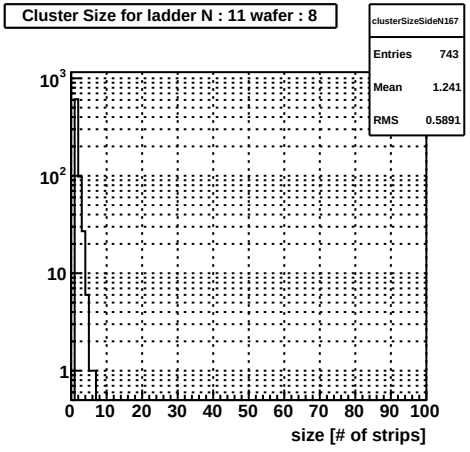

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1569
Mean 1.302
RMS 0.5914
size [# of strips]

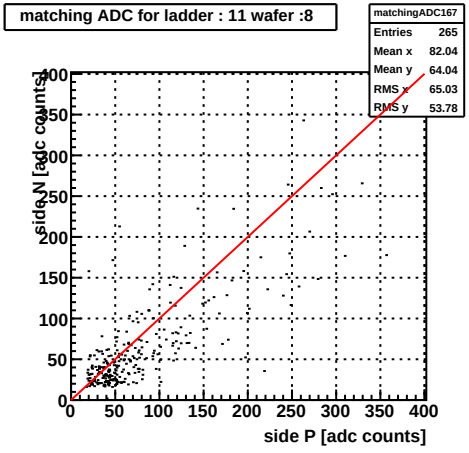

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 286
Mean x 71.79
Mean y 60.42
RMS x 58.88
RMS y 45.93
side N [adc counts]
side P [adc counts]

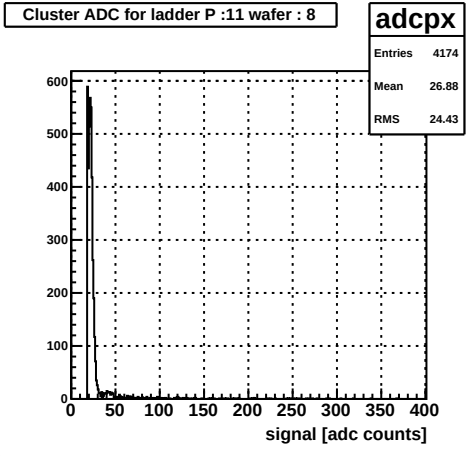

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2908
Mean 34.34
RMS 28.77
signal [adc counts]

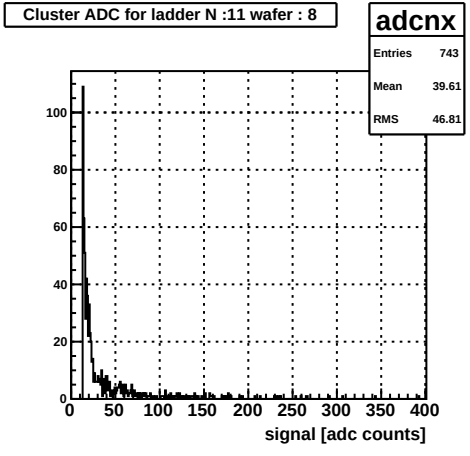

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1569
Mean 34.46
RMS 28.85
signal [adc counts]

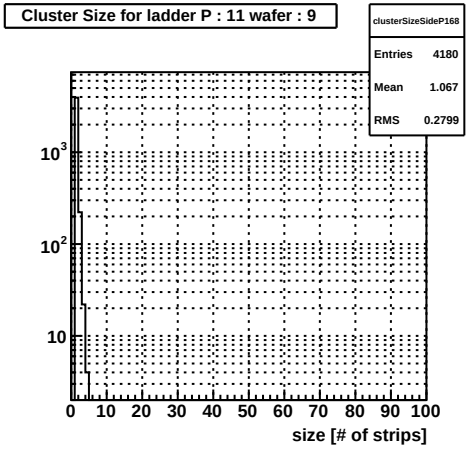

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 4174
Mean 1.049
RMS 0.2627
size [# of strips]

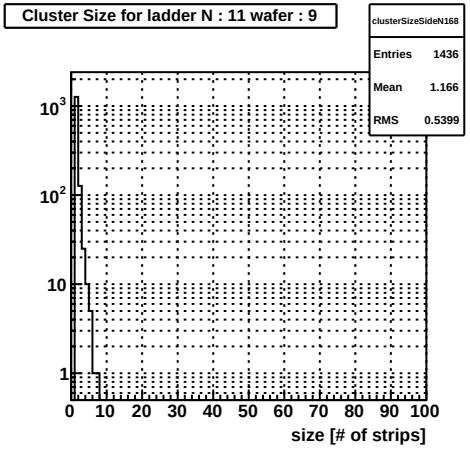

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 743
Mean 1.241
RMS 0.5891
size [# of strips]

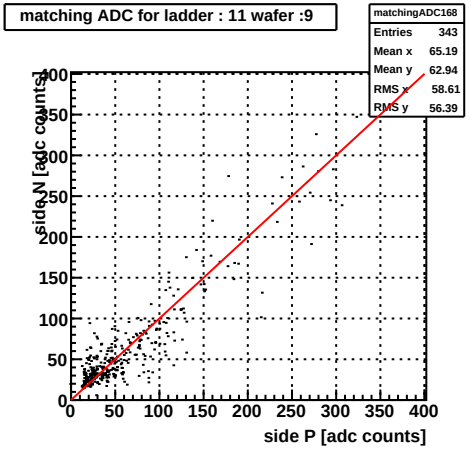

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 265
Mean x 82.04
Mean y 64.04
RMS x 65.03
RMS y 53.78
side N [adc counts]
side P [adc counts]

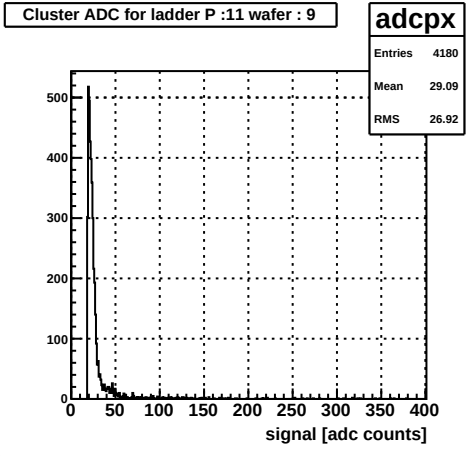

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 4174
Mean 26.88
RMS 24.43
signal [adc counts]

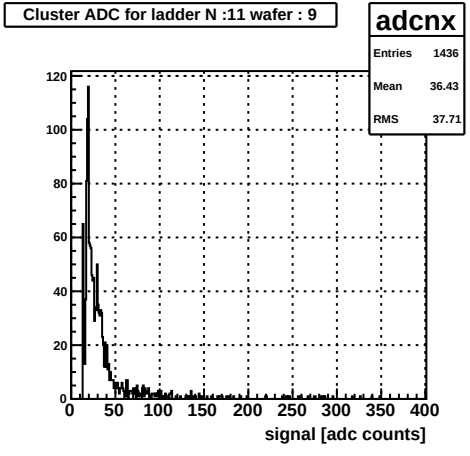

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 743
Mean 39.61
RMS 46.81
signal [adc counts]

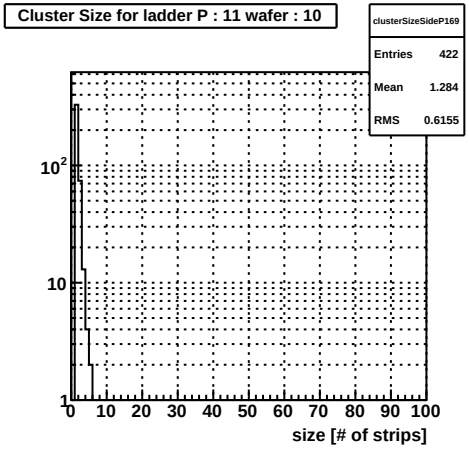

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 4180
Mean 1.067
RMS 0.2799
size [# of strips]

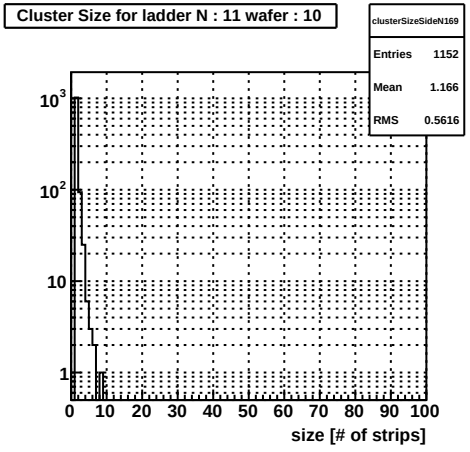

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1436
Mean 1.166
RMS 0.5399
size [# of strips]

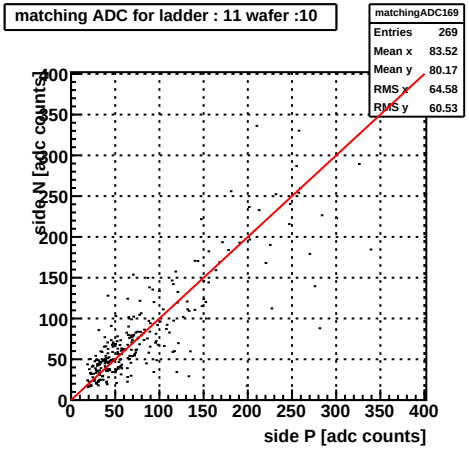

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 343
Mean x 65.19
Mean y 62.94
RMS x 58.61
RMS y 56.39
side N [adc counts]
side P [adc counts]

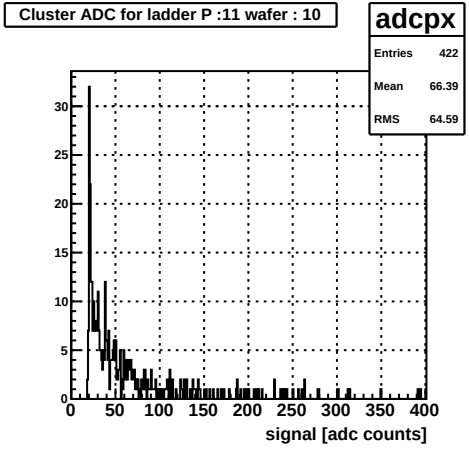

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 4180
Mean 29.09
RMS 26.92
signal [adc counts]

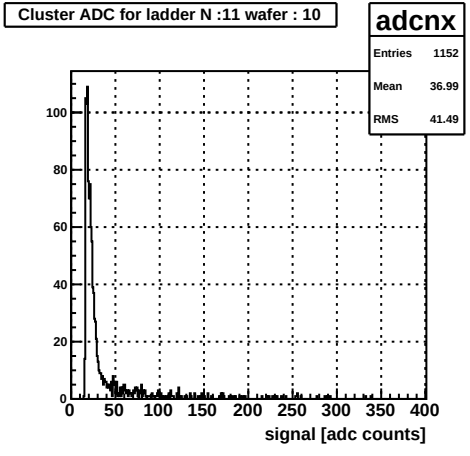

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1436
Mean 36.43
RMS 37.71
signal [adc counts]

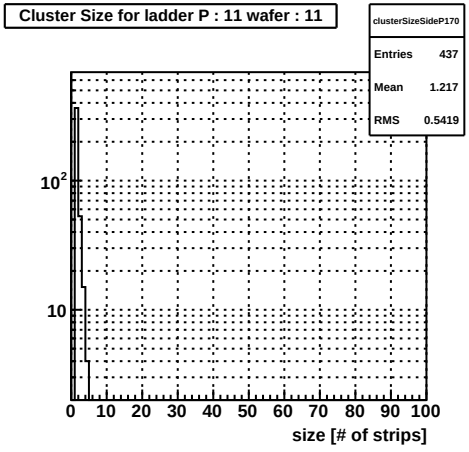

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 422
Mean 1.284
RMS 0.6155
size [# of strips]

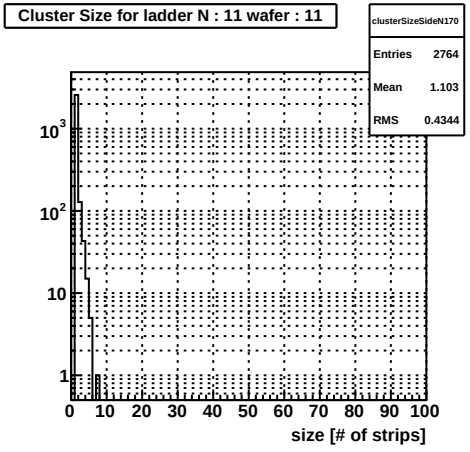

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1152
Mean 1.166
RMS 0.5616
size [# of strips]

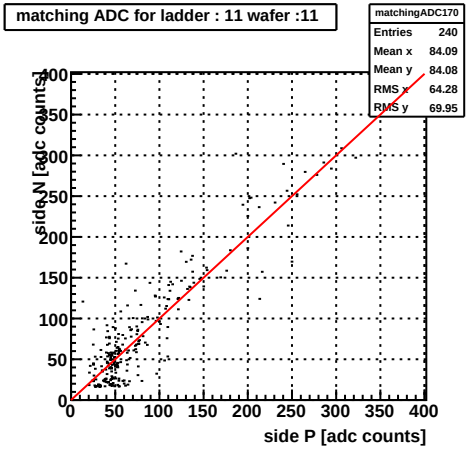

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 269
Mean x 83.52
Mean y 80.17
RMS x 64.58
RMS y 60.53
side N [adc counts]
side P [adc counts]

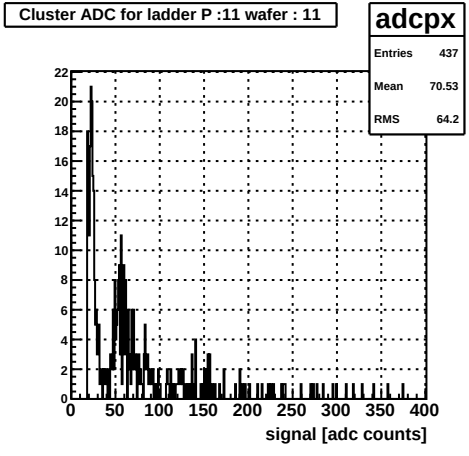

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 422
Mean 66.39
RMS 64.59
signal [adc counts]

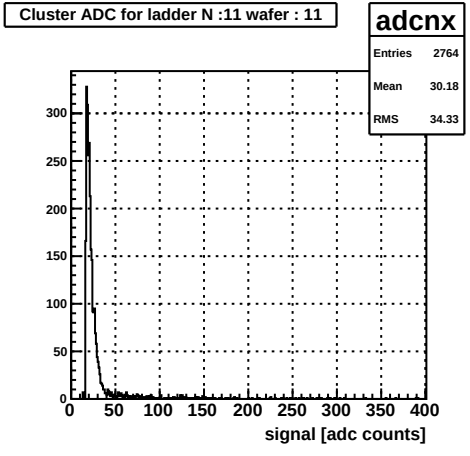

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1152
Mean 36.99
RMS 41.49
signal [adc counts]

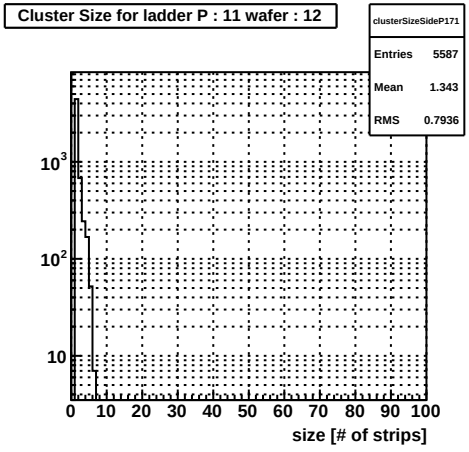

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 437
Mean 1.217
RMS 0.5419
size [# of strips]

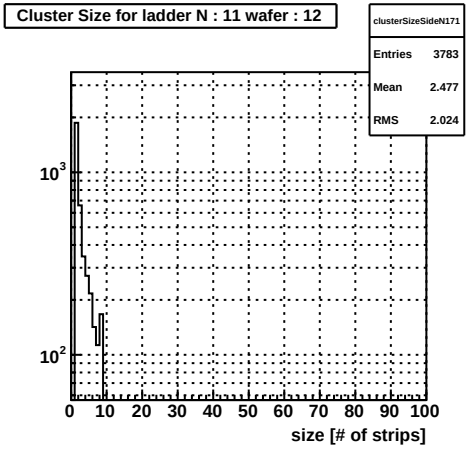

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 2764
Mean 1.103
RMS 0.4344
size [# of strips]

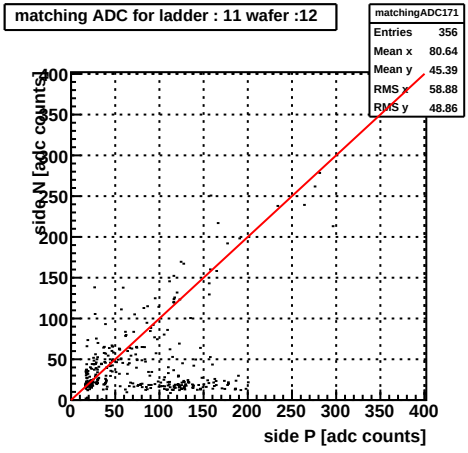

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 240
Mean x 84.09
Mean y 84.08
RMS x 64.28
RMS y 69.95
side N [adc counts]
side P [adc counts]

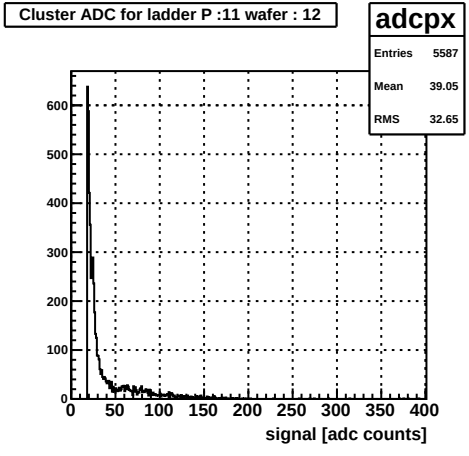

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 437
Mean 70.53
RMS 64.2
signal [adc counts]

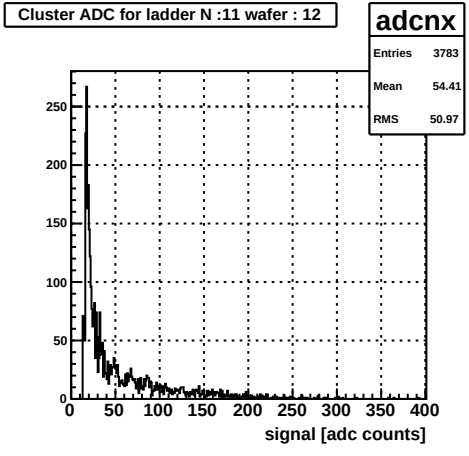

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 2764
Mean 30.18
RMS 34.33
signal [adc counts]

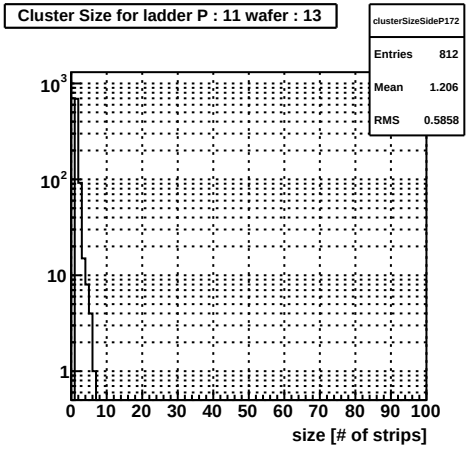

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 5587
Mean 1.343
RMS 0.7936
size [# of strips]

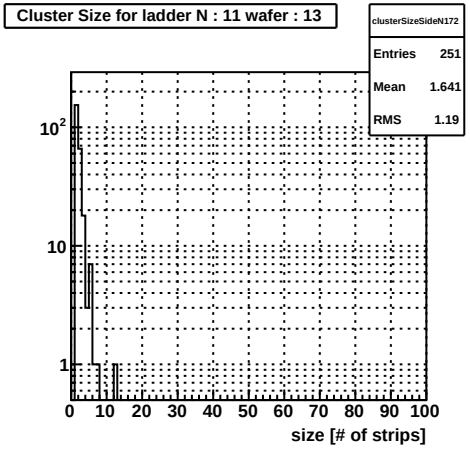

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 3783
Mean 2.477
RMS 2.024
size [# of strips]

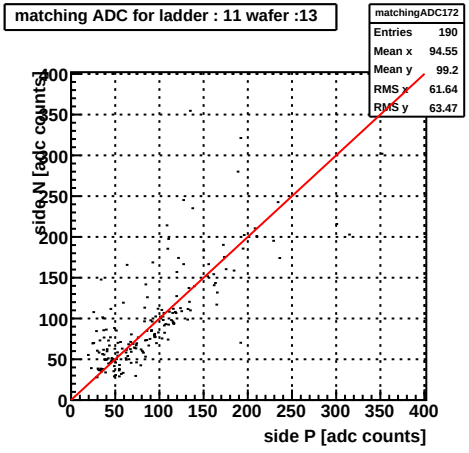

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 356
Mean x 80.64
Mean y 45.39
RMS x 58.88
RMS y 48.86
side N [adc counts]
side P [adc counts]

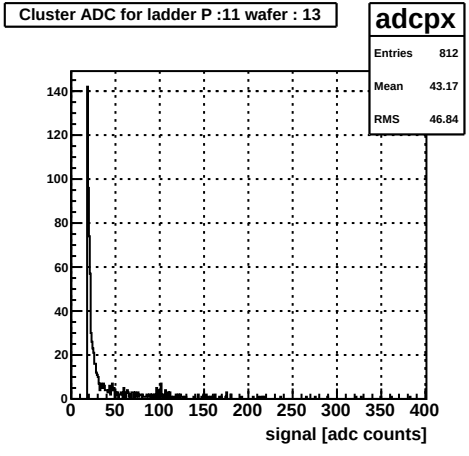

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 5587
Mean 39.05
RMS 32.65
signal [adc counts]

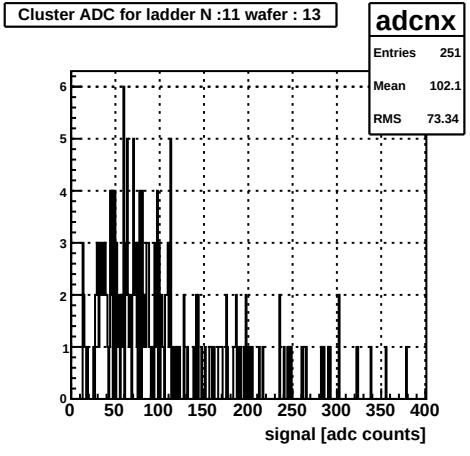

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 3783
Mean 54.41
RMS 50.97
signal [adc counts]

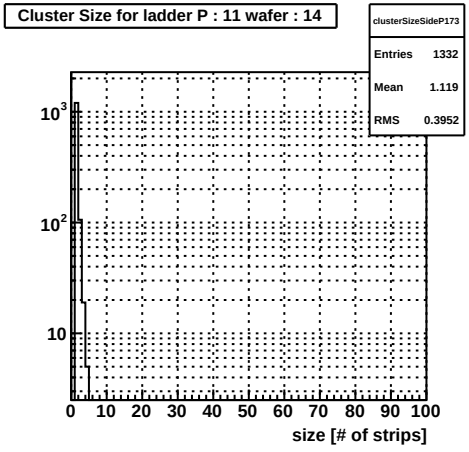

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 812
Mean 1.206
RMS 0.5858
size [# of strips]

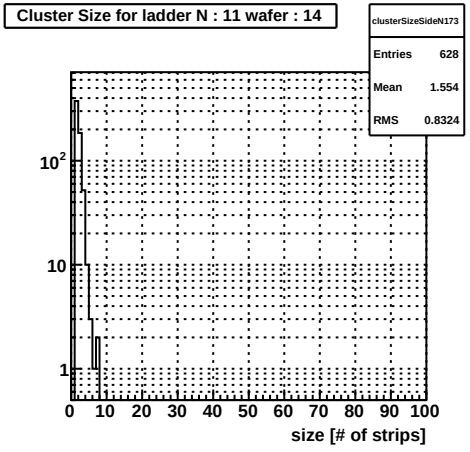

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 251
Mean 1.641
RMS 1.19
size [# of strips]

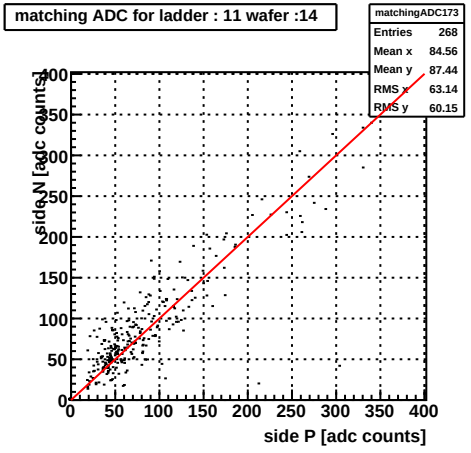

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 190
Mean x 94.55
Mean y 99.2
RMS x 61.64
RMS y 63.47
side N [adc counts]
side P [adc counts]

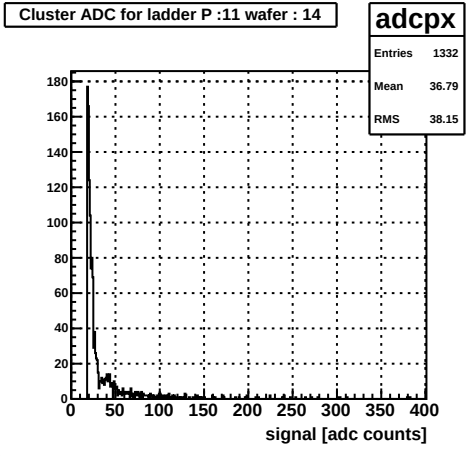

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 812
Mean 43.17
RMS 46.84
signal [adc counts]

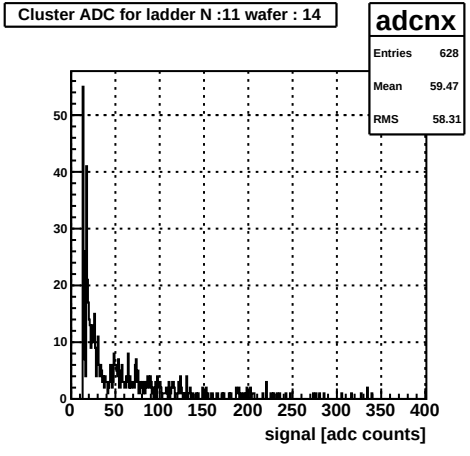

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 251
Mean 102.1
RMS 73.34
signal [adc counts]

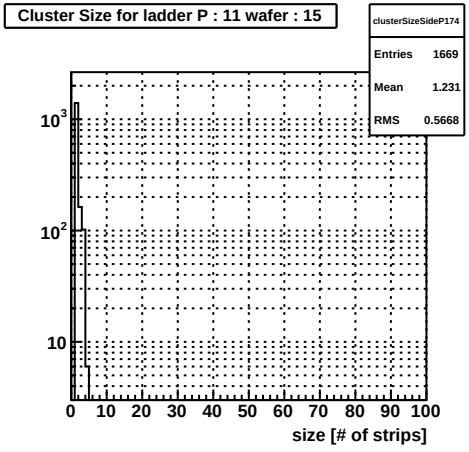

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1332
Mean 1.119
RMS 0.3952
size [# of strips]

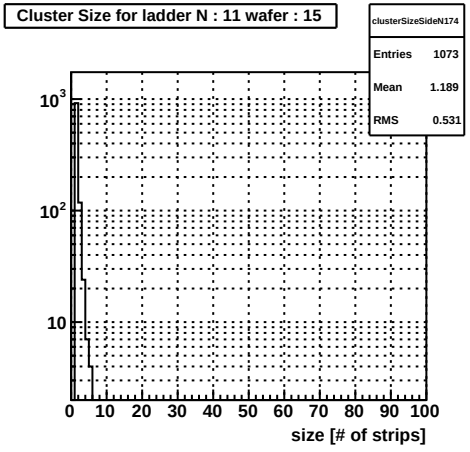

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 628
Mean 1.554
RMS 0.8324
size [# of strips]

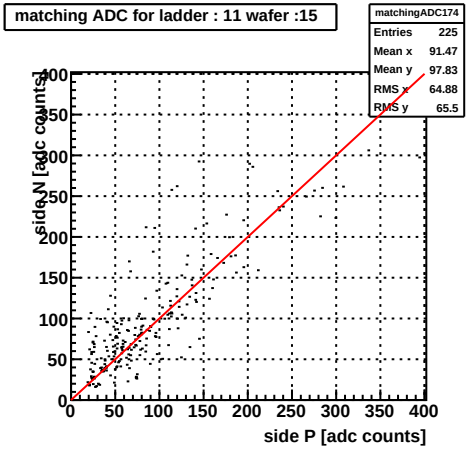

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 268
Mean x 84.56
Mean y 87.44
RMS x 63.14
RMS y 60.15
side N [adc counts]
side P [adc counts]

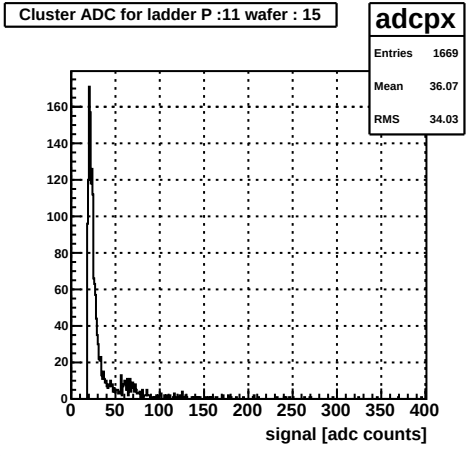

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1332
Mean 36.79
RMS 38.15
signal [adc counts]

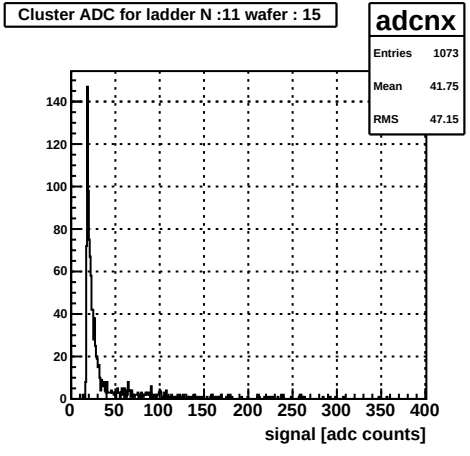

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 628
Mean 59.47
RMS 58.31
signal [adc counts]

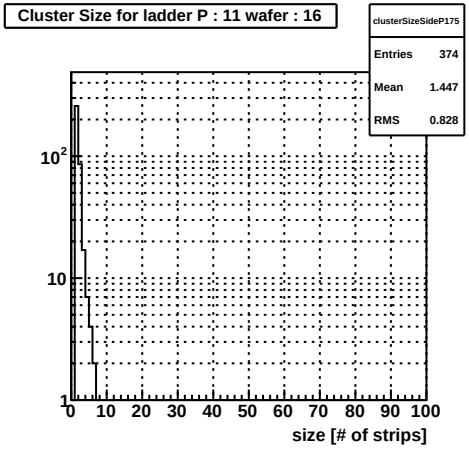

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1669
Mean 1.231
RMS 0.5668
size [# of strips]

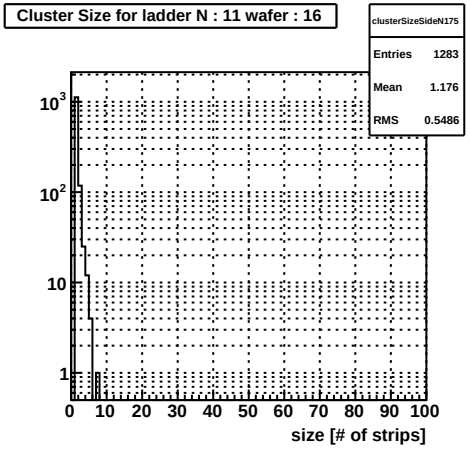

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1073
Mean 1.189
RMS 0.531
size [# of strips]

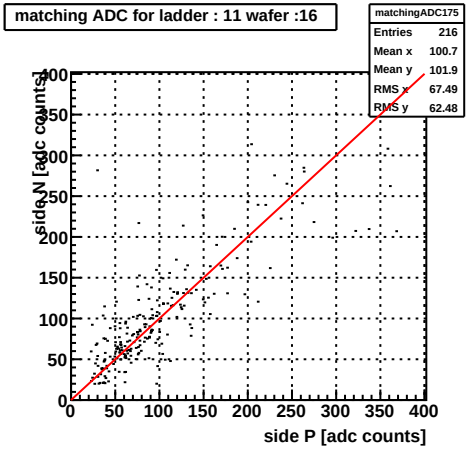

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 225
Mean x 91.47
Mean y 97.83
RMS x 64.88
RMS y 65.5
side N [adc counts]
side P [adc counts]

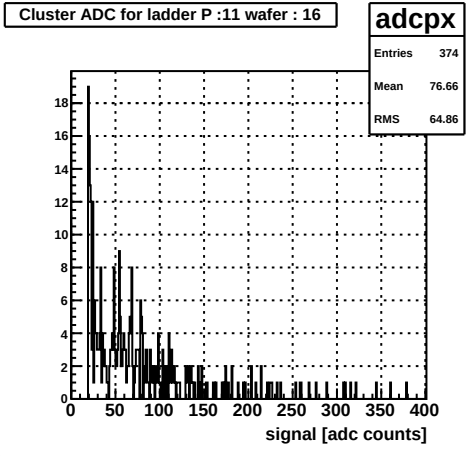

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1669
Mean 36.07
RMS 34.03
signal [adc counts]

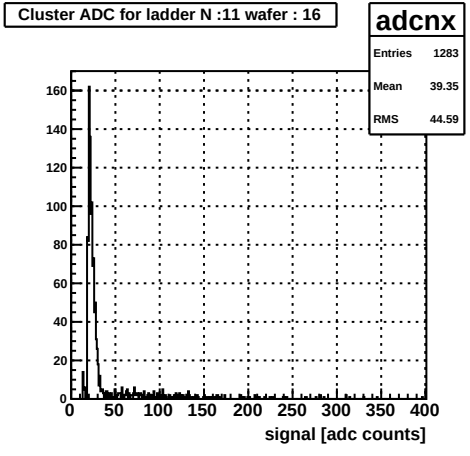

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1073
Mean 41.75
RMS 47.15
signal [adc counts]

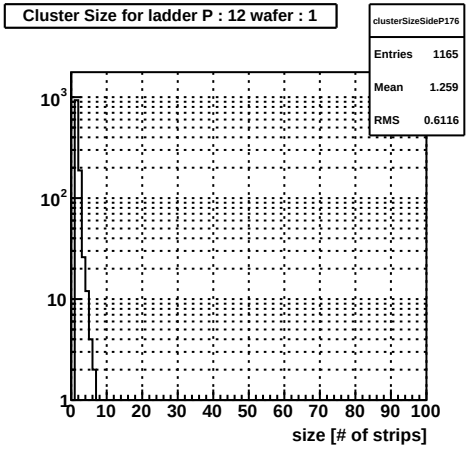

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 374
Mean 1.447
RMS 0.828
size [# of strips]

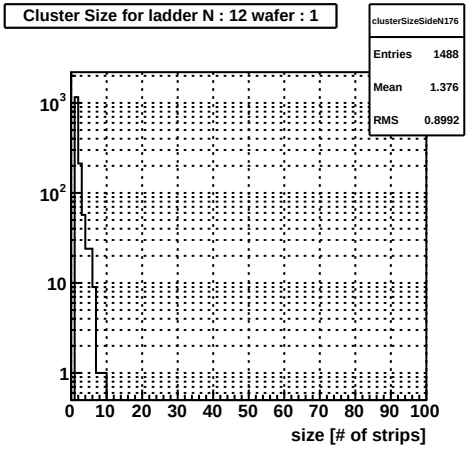

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1283
Mean 1.176
RMS 0.5486
size [# of strips]

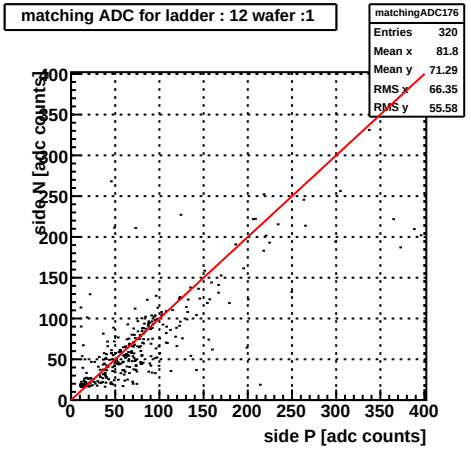

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 216
Mean x 100.7
Mean y 101.9
RMS x 67.49
RMS y 62.48
side N [adc counts]
side P [adc counts]

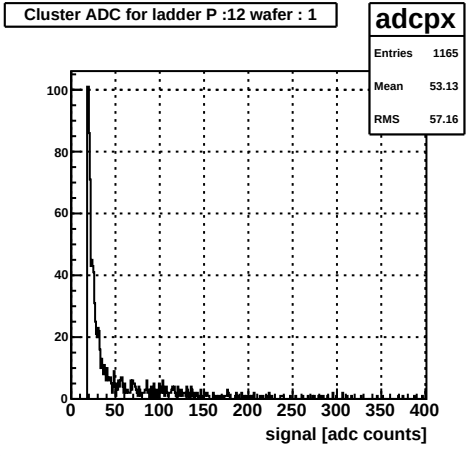

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 374
Mean 76.66
RMS 64.86
signal [adc counts]

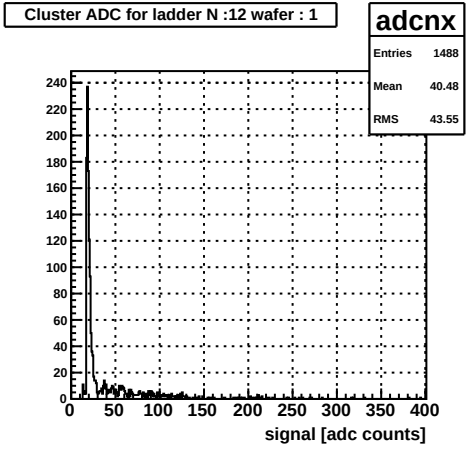

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1283
Mean 39.35
RMS 44.59
signal [adc counts]

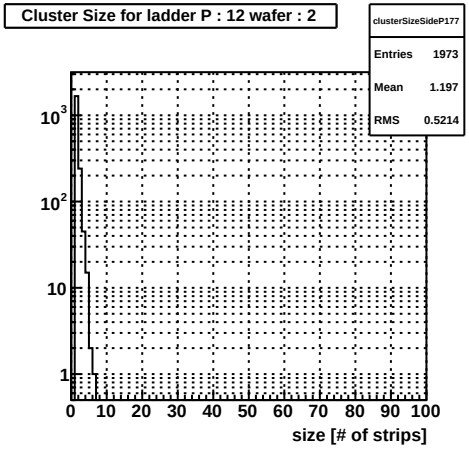

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1165
Mean 1.259
RMS 0.6116
size [# of strips]

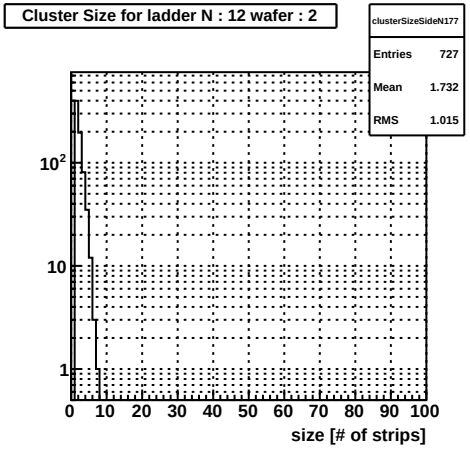

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1488
Mean 1.376
RMS 0.8992
size [# of strips]

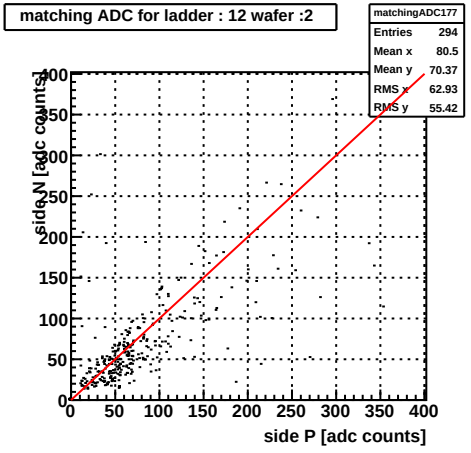

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 320
Mean x 81.8
Mean y 71.29
RMS x 66.35
RMS y 55.58
side N [adc counts]
side P [adc counts]

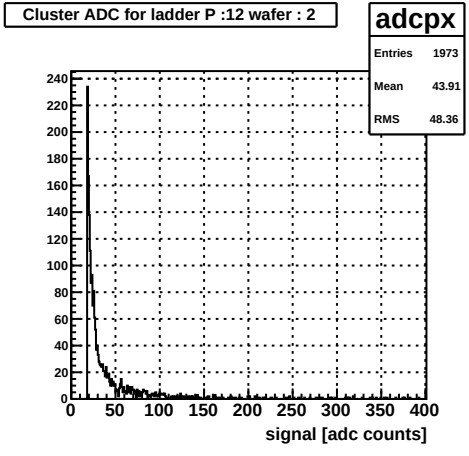

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1165
Mean 53.13
RMS 57.16
signal [adc counts]

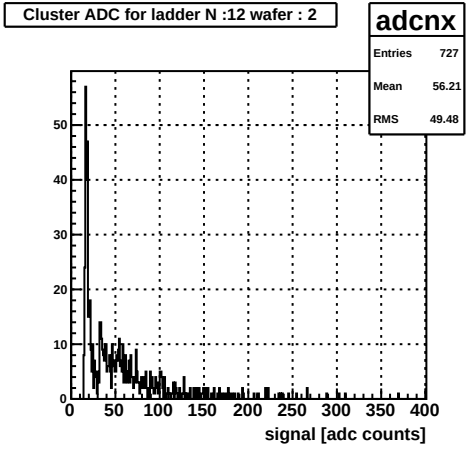

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1488
Mean 40.48
RMS 43.55
signal [adc counts]

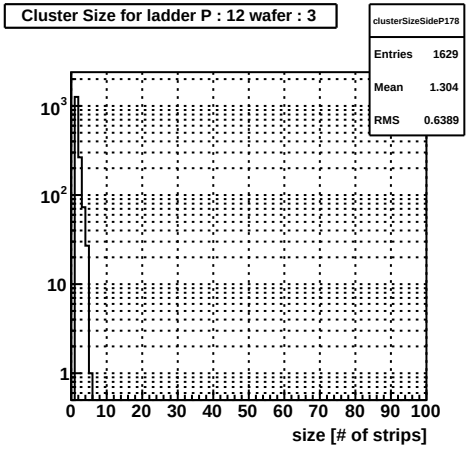

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1973
Mean 1.197
RMS 0.5214
size [# of strips]

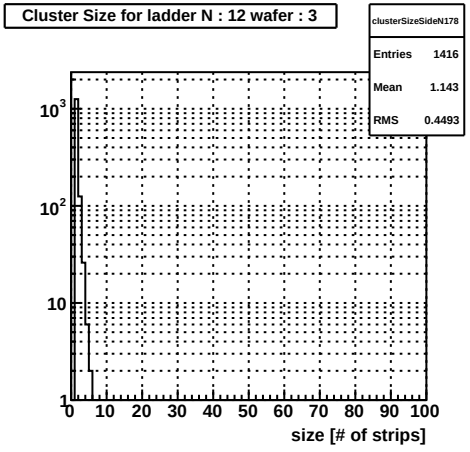

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 727
Mean 1.732
RMS 1.015
size [# of strips]

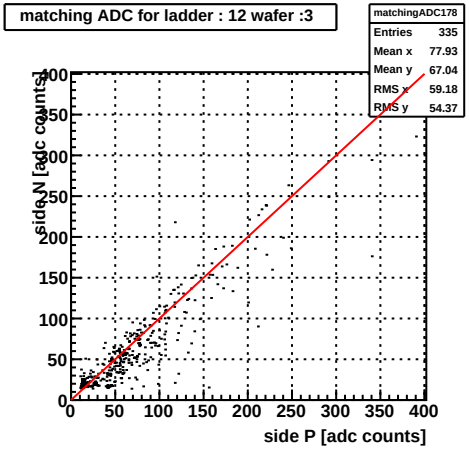

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 294
Mean x 80.5
Mean y 70.37
RMS x 62.93
RMS y 55.42
side N [adc counts]
side P [adc counts]

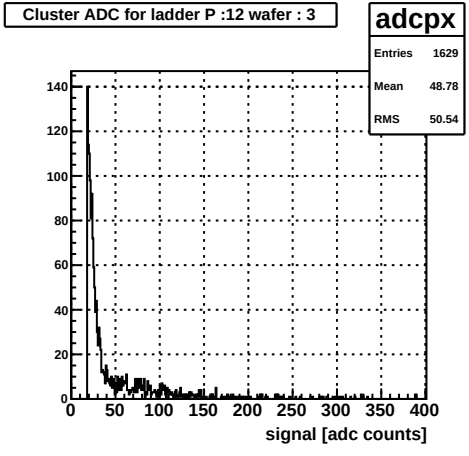

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1973
Mean 43.91
RMS 48.36
signal [adc counts]

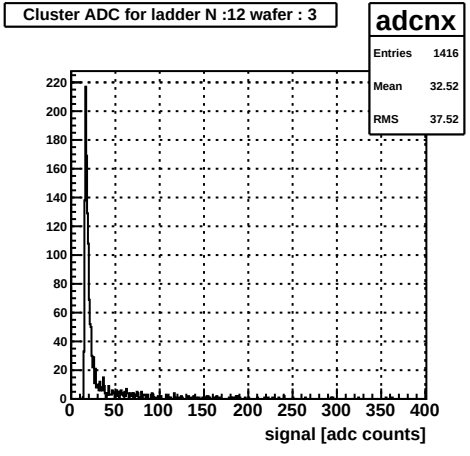

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 727
Mean 56.21
RMS 49.48
signal [adc counts]

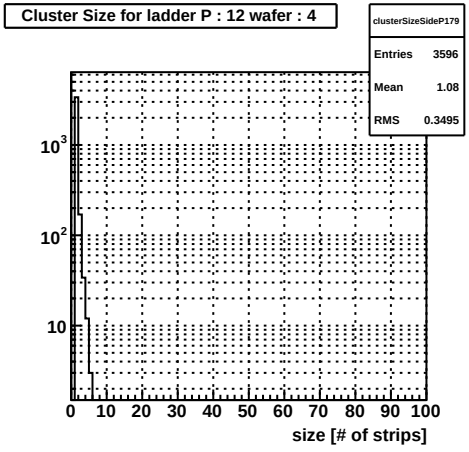

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1629
Mean 1.304
RMS 0.6389
size [# of strips]

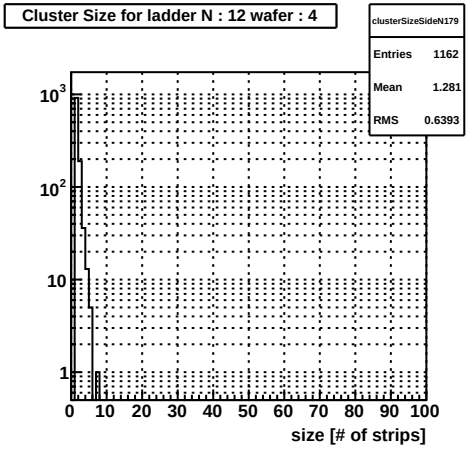

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1416
Mean 1.143
RMS 0.4493
size [# of strips]

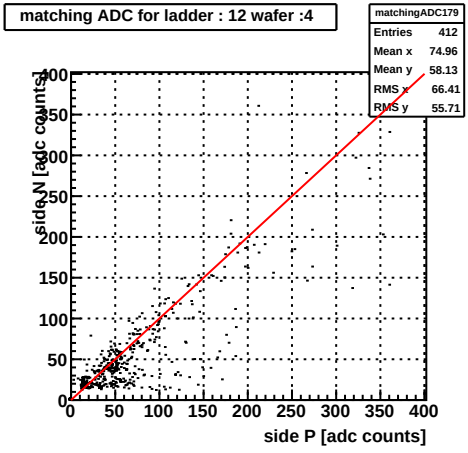

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 335
Mean x 77.93
Mean y 67.04
RMS x 59.18
RMS y 54.37
side N [adc counts]
side P [adc counts]

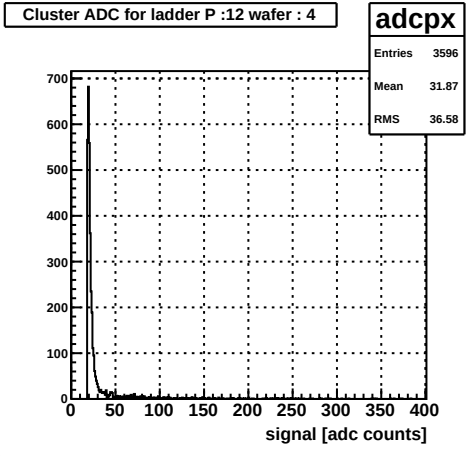

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1629
Mean 48.78
RMS 50.54
signal [adc counts]

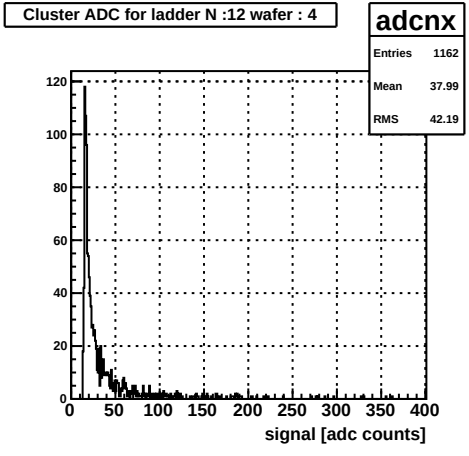

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1416
Mean 32.52
RMS 37.52
signal [adc counts]

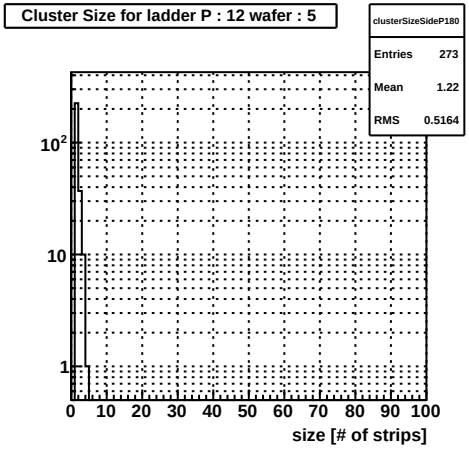

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 3596
Mean 1.08
RMS 0.3495
size [# of strips]

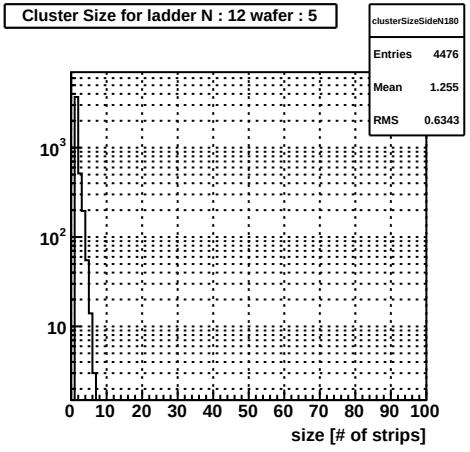

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1162
Mean 1.281
RMS 0.6393
size [# of strips]

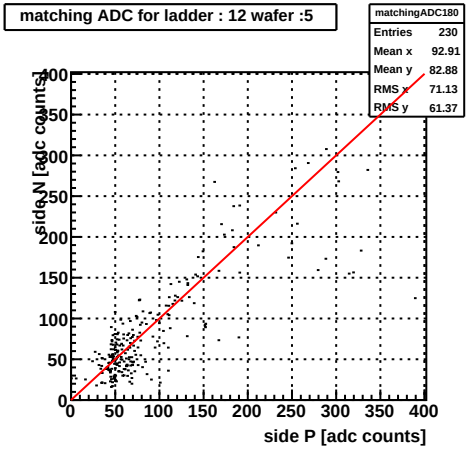

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 412
Mean x 74.96
Mean y 58.13
RMS x 66.41
RMS y 55.71
side N [adc counts]
side P [adc counts]

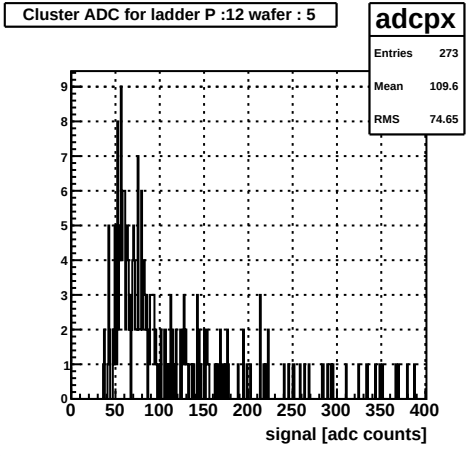

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 3596
Mean 31.87
RMS 36.58
signal [adc counts]

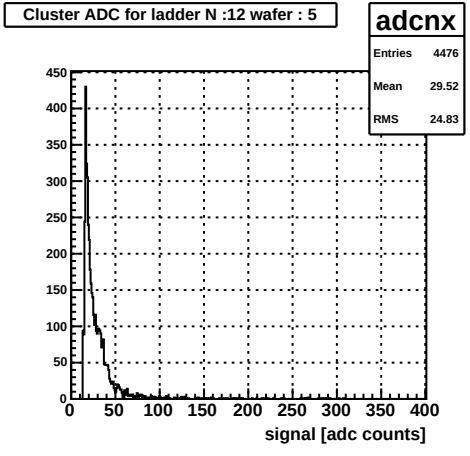

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1162
Mean 37.99
RMS 42.19
signal [adc counts]

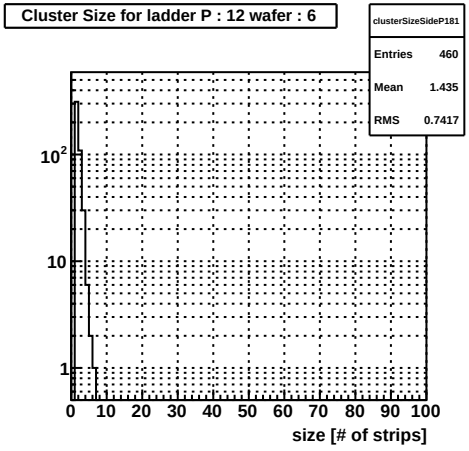

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 273
Mean 1.22
RMS 0.5164
size [# of strips]

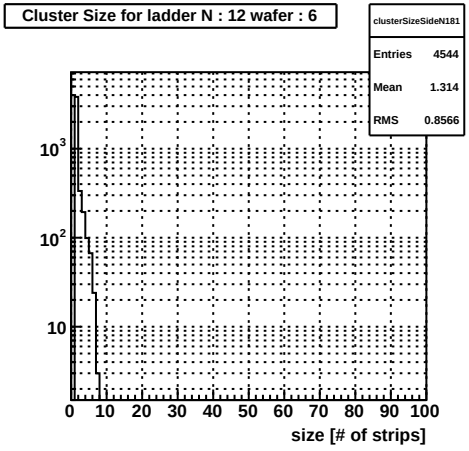

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 4476
Mean 1.255
RMS 0.6343
size [# of strips]

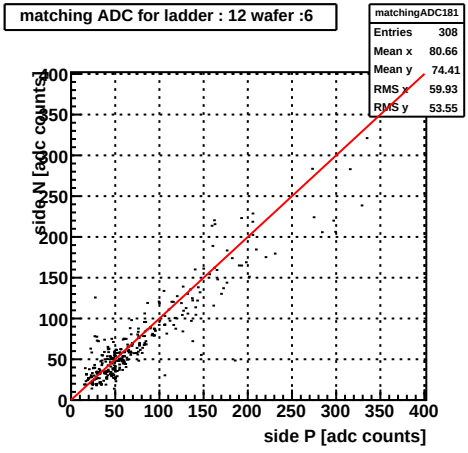

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 230
Mean x 92.91
Mean y 82.88
RMS x 71.13
RMS y 61.37
side N [adc counts]
side P [adc counts]

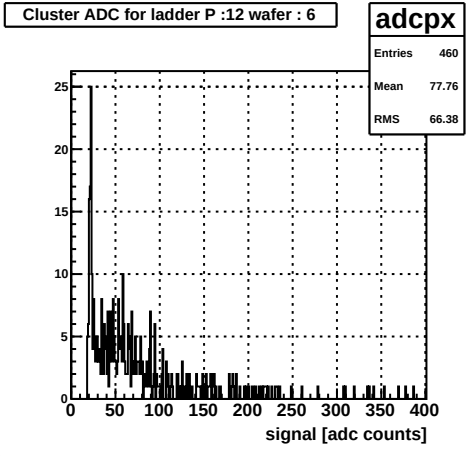

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 273
Mean 109.6
RMS 74.65
signal [adc counts]

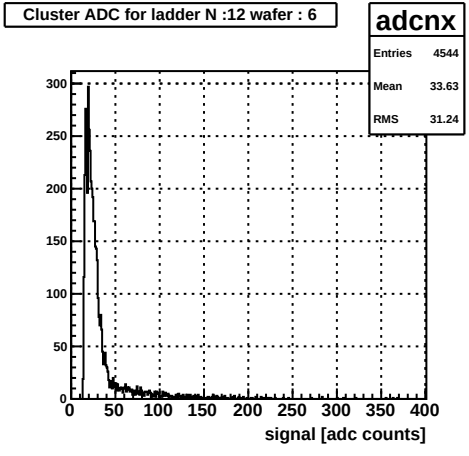

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 4476
Mean 29.52
RMS 24.83
signal [adc counts]

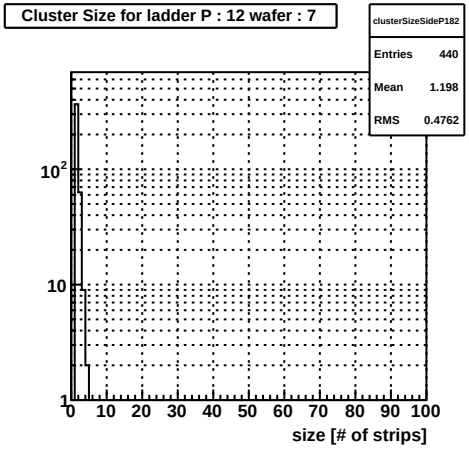

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 460
Mean 1.435
RMS 0.7417
size [# of strips]

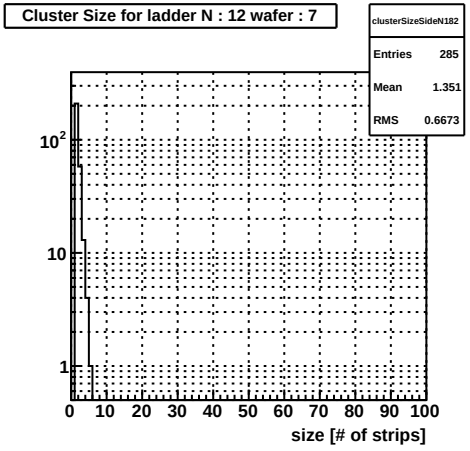

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4544
Mean 1.314
RMS 0.8566
size [# of strips]

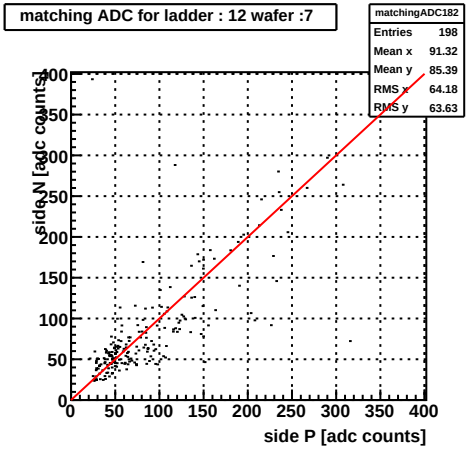

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 308
Mean x 80.66
Mean y 74.41
RMS x 59.93
RMS y 53.55
side N [adc counts]
side P [adc counts]

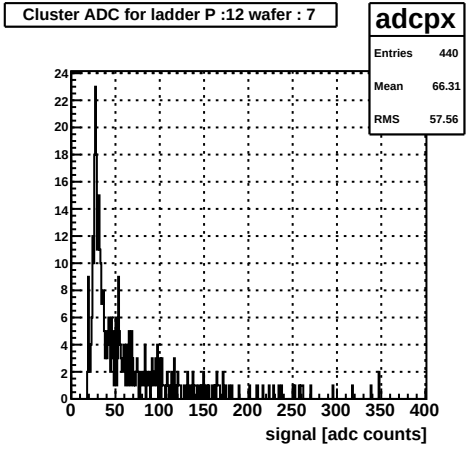

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 460
Mean 77.76
RMS 66.38
signal [adc counts]

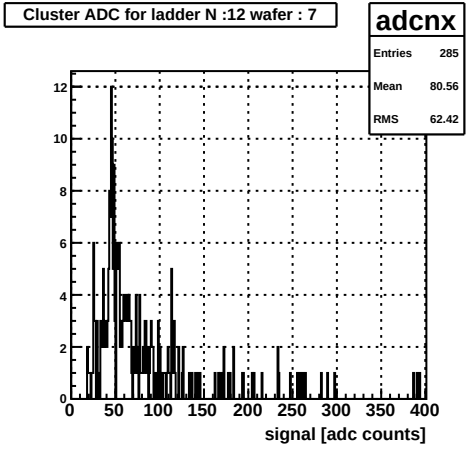

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4544
Mean 33.63
RMS 31.24
signal [adc counts]

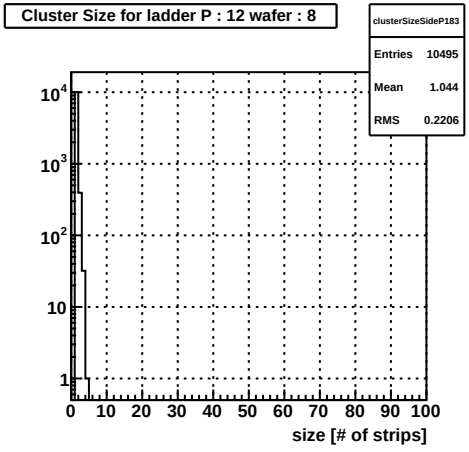

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 440
Mean 1.198
RMS 0.4762
size [# of strips]

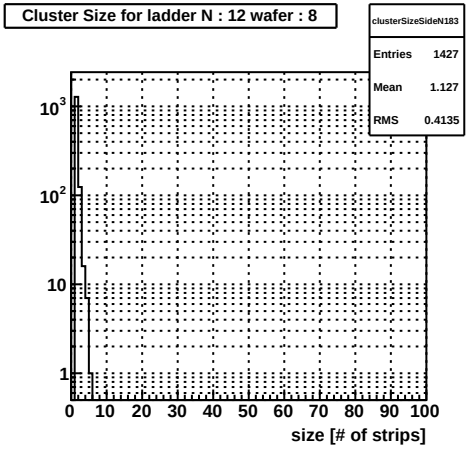

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 285
Mean 1.351
RMS 0.6673
size [# of strips]

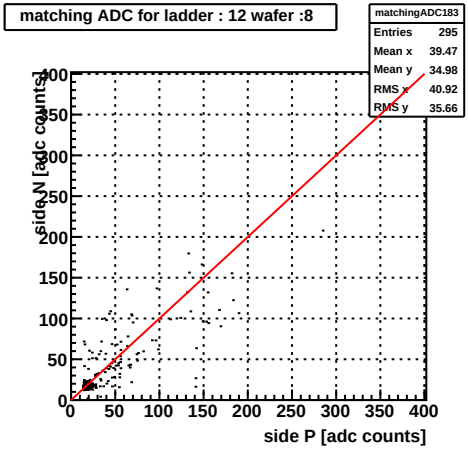

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 198
Mean x 91.32
Mean y 85.39
RMS x 64.18
RMS y 63.63
side N [adc counts]
side P [adc counts]

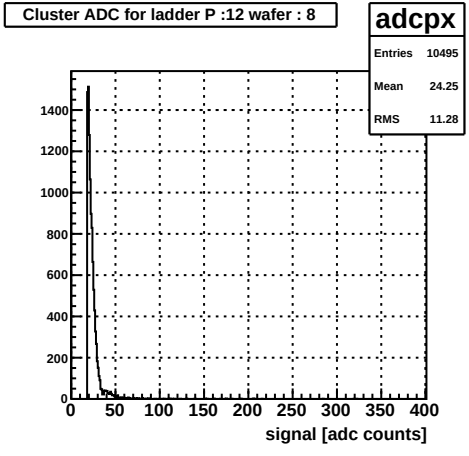

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 440
Mean 66.31
RMS 57.56
signal [adc counts]

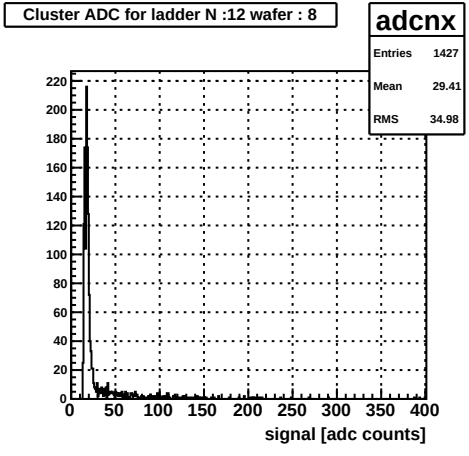

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 285
Mean 80.56
RMS 62.42
signal [adc counts]

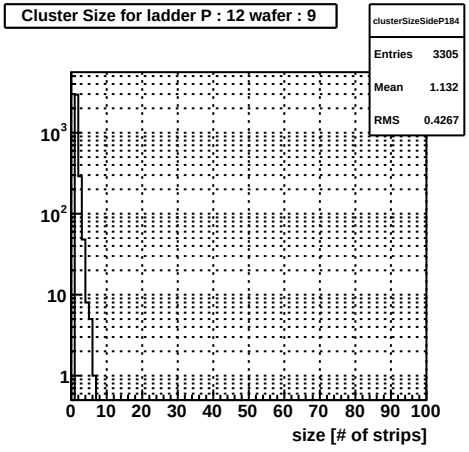

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10495
Mean 1.044
RMS 0.2206
size [# of strips]

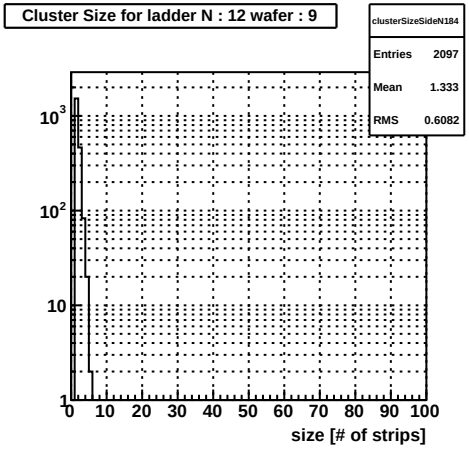

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1427
Mean 1.127
RMS 0.4135
size [# of strips]

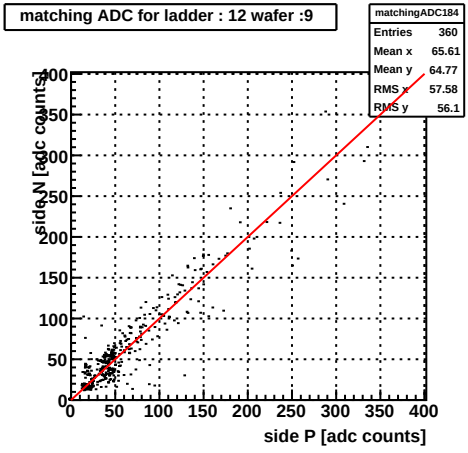

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 295
Mean x 39.47
Mean y 34.98
RMS x 40.92
RMS y 35.66
side N [adc counts]
side P [adc counts]

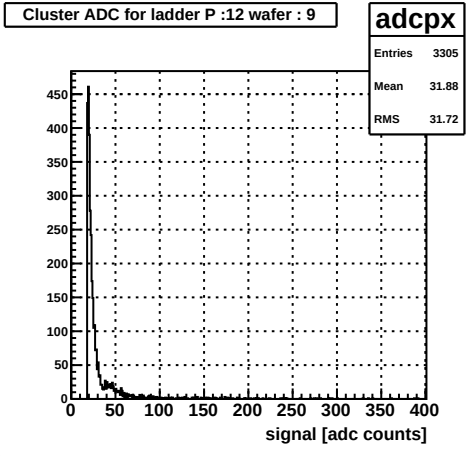

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10495
Mean 24.25
RMS 11.28
signal [adc counts]

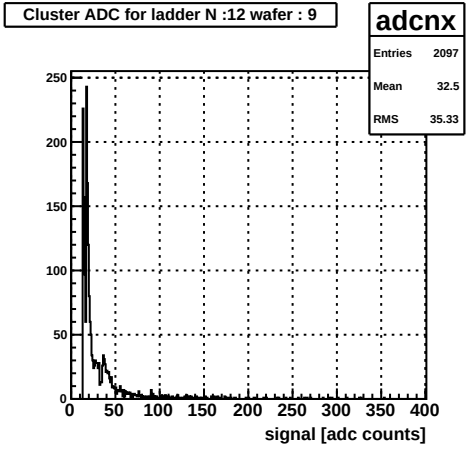

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1427
Mean 29.41
RMS 34.98
signal [adc counts]

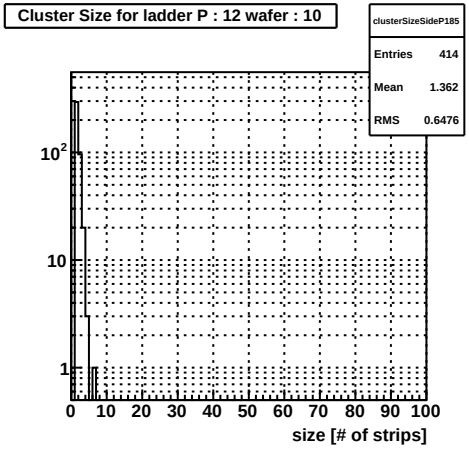

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3305
Mean 1.132
RMS 0.4267
size [# of strips]

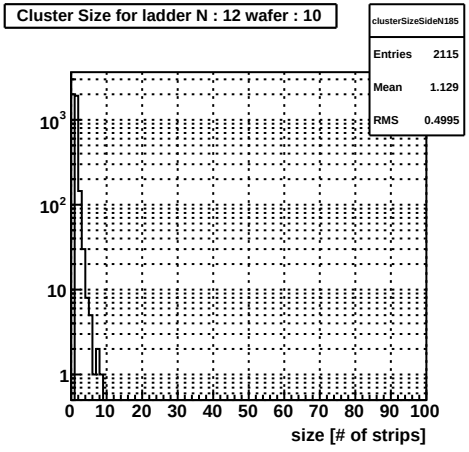

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2097
Mean 1.333
RMS 0.6082
size [# of strips]

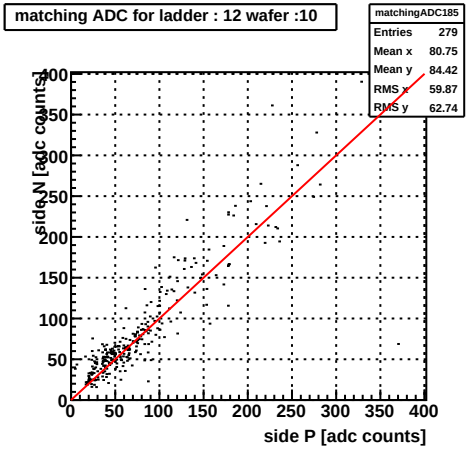

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 360
Mean x 65.61
Mean y 64.77
RMS x 57.58
RMS y 56.1
side N [adc counts]
side P [adc counts]

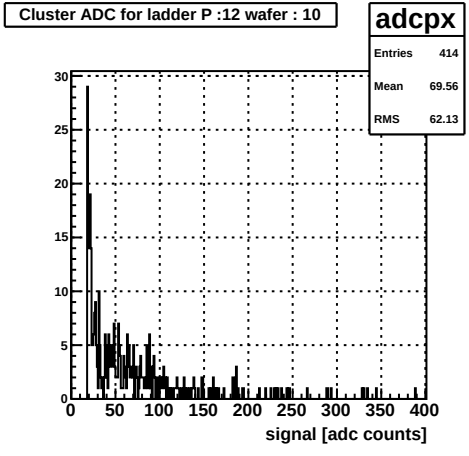

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3305
Mean 31.88
RMS 31.72
signal [adc counts]

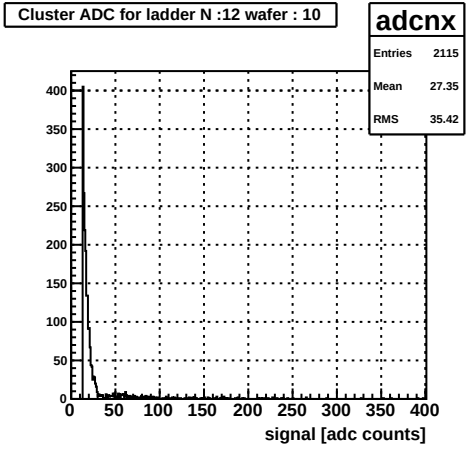

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2097
Mean 32.5
RMS 35.33
signal [adc counts]

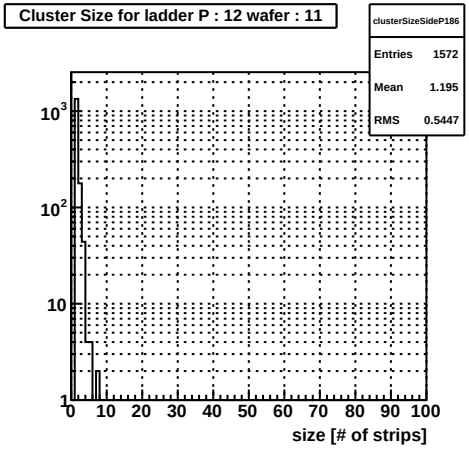

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 414
Mean 1.362
RMS 0.6476
size [# of strips]

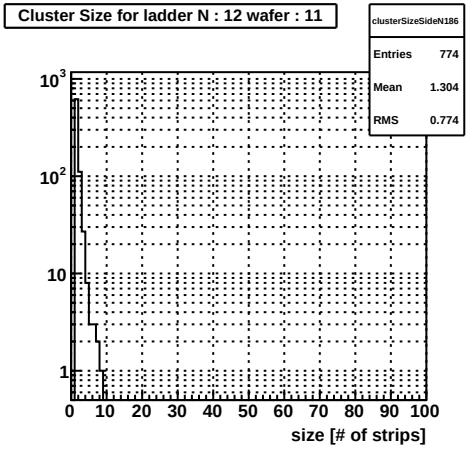

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2115
Mean 1.129
RMS 0.4995
size [# of strips]

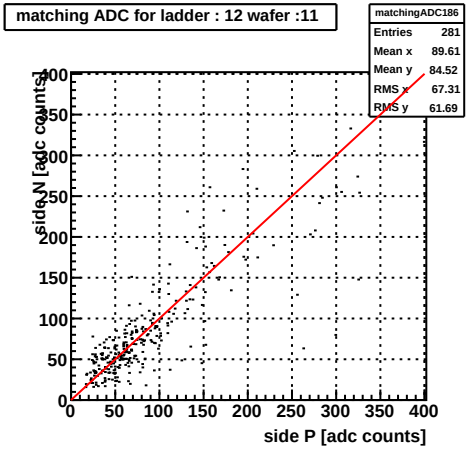

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 279
Mean x 80.75
Mean y 84.42
RMS x 59.87
RMS y 62.74
side N [adc counts]
side P [adc counts]

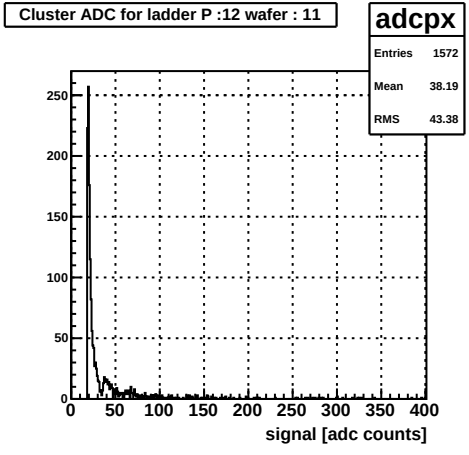

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 414
Mean 69.56
RMS 62.13
signal [adc counts]

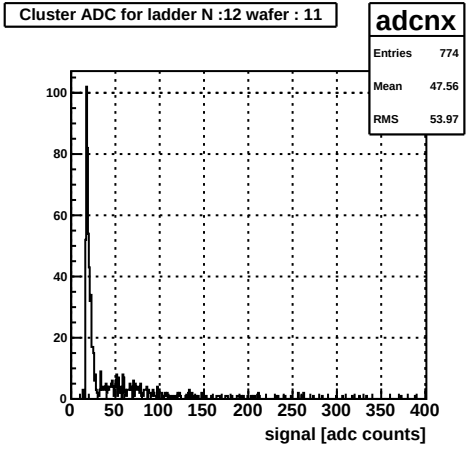

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2115
Mean 27.35
RMS 35.42
signal [adc counts]

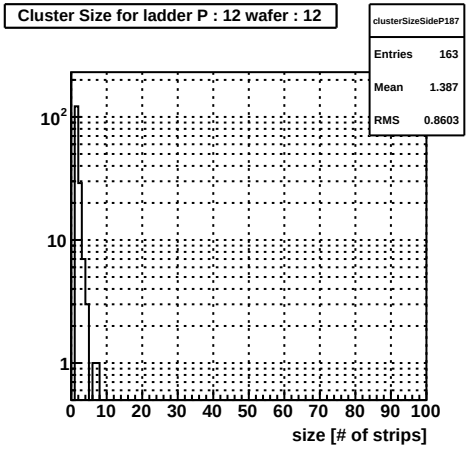

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1572
Mean 1.195
RMS 0.5447
size [# of strips]

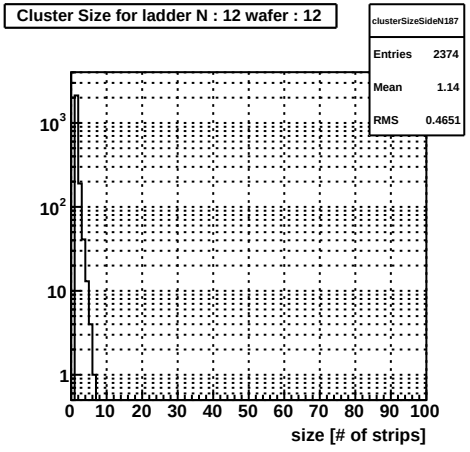

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 774
Mean 1.304
RMS 0.774
size [# of strips]

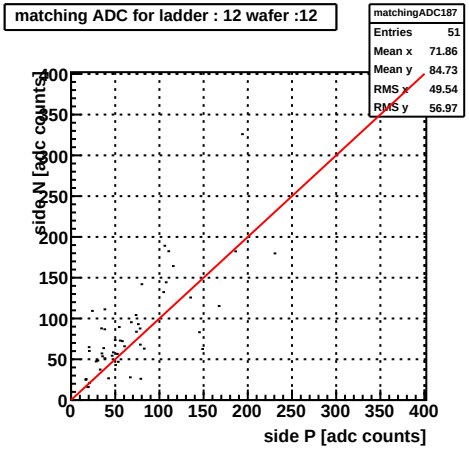

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 281
Mean x 89.61
Mean y 84.52
RMS x 67.31
RMS y 61.69
side N [adc counts]
side P [adc counts]

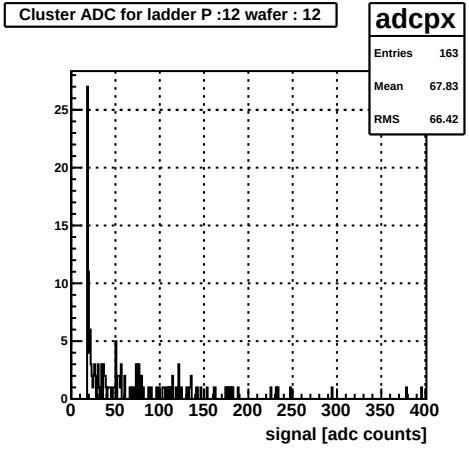

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1572
Mean 38.19
RMS 43.38
signal [adc counts]

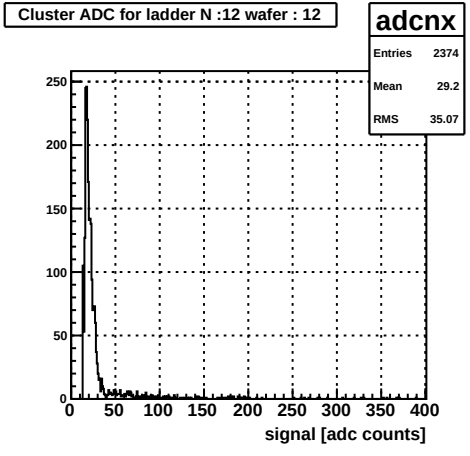

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 774
Mean 47.56
RMS 53.97
signal [adc counts]

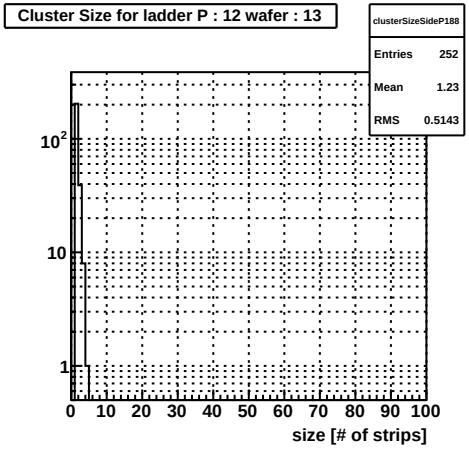

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 163
Mean 1.387
RMS 0.8603
size [# of strips]

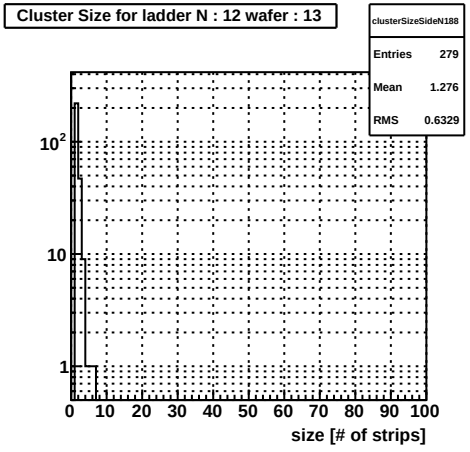

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2374
Mean 1.14
RMS 0.4651
size [# of strips]

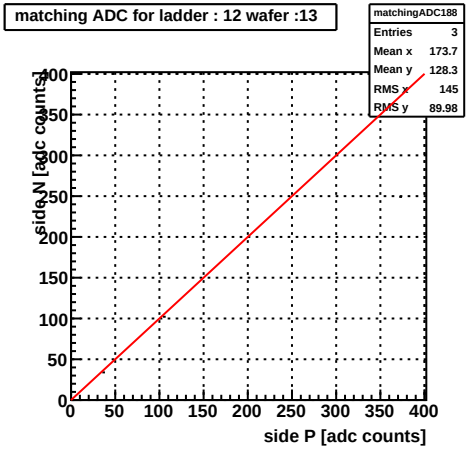

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 51
Mean x 71.86
Mean y 84.73
RMS x 49.54
RMS y 56.97
side N [adc counts]
side P [adc counts]

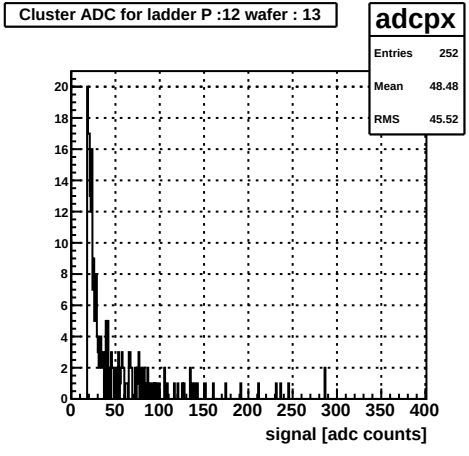

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 163
Mean 67.83
RMS 66.42
signal [adc counts]

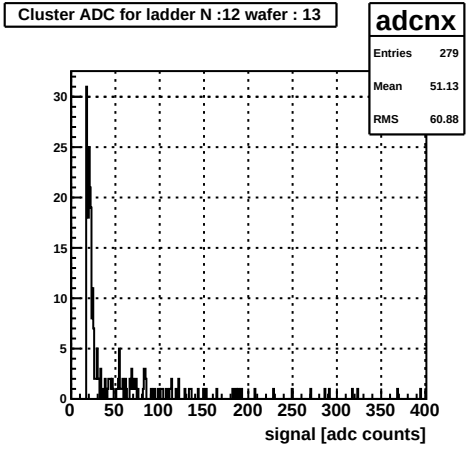

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2374
Mean 29.2
RMS 35.07
signal [adc counts]

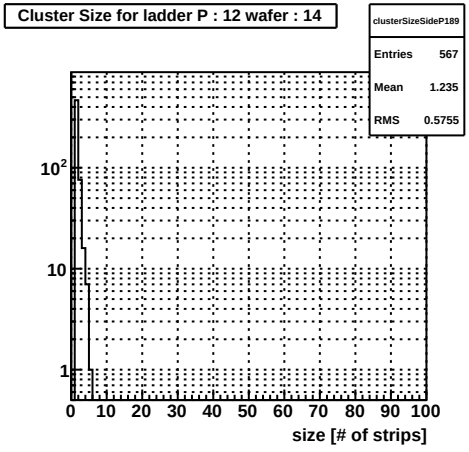

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 252
Mean 1.23
RMS 0.5143
size [# of strips]

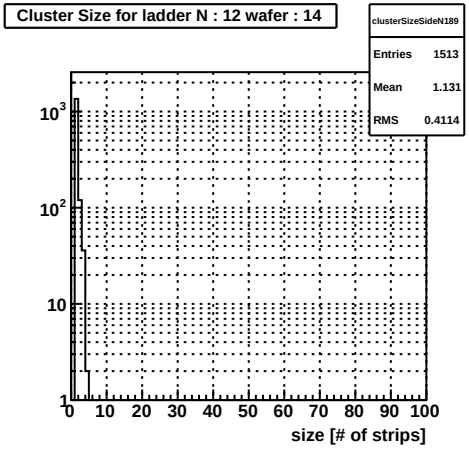

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 279
Mean 1.276
RMS 0.6329
size [# of strips]

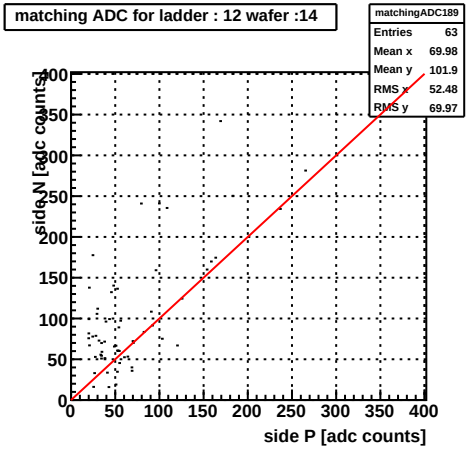

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 3
Mean x 173.7
Mean y 128.3
RMS x 145
RMS y 89.98
side N [adc counts]
side P [adc counts]

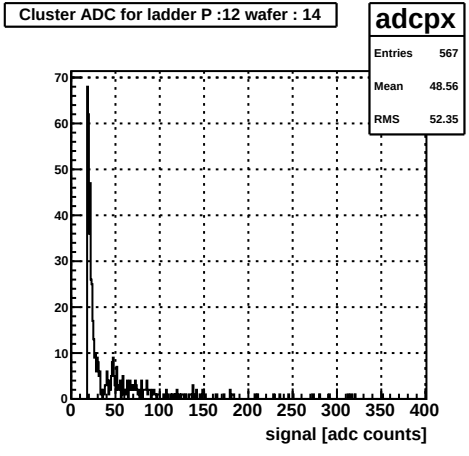

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 252
Mean 48.48
RMS 45.52
signal [adc counts]

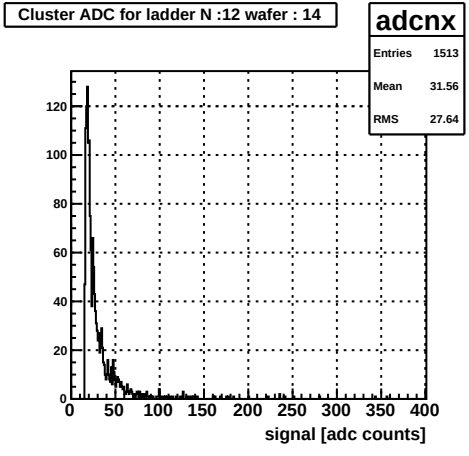

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 279
Mean 51.13
RMS 60.88
signal [adc counts]

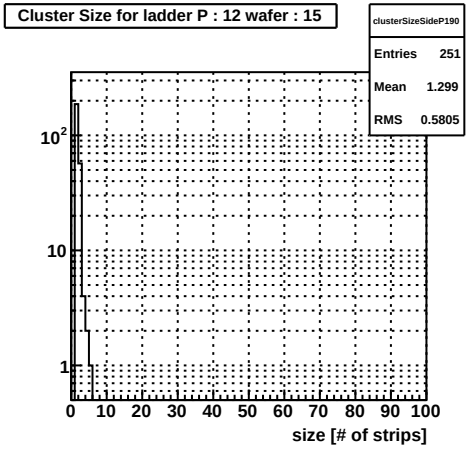

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 567
Mean 1.235
RMS 0.5755
size [# of strips]

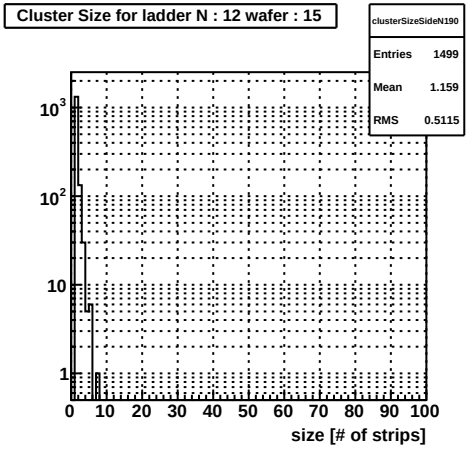

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1513
Mean 1.131
RMS 0.4114
size [# of strips]

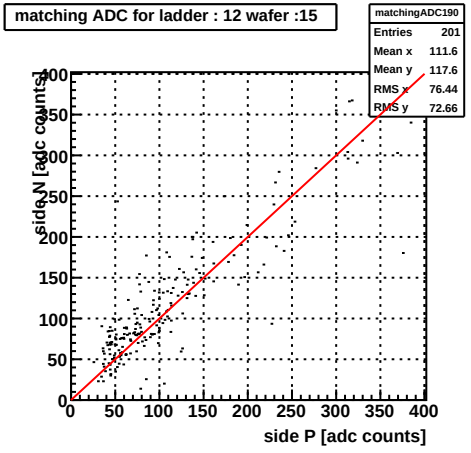

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 63
Mean x 69.98
Mean y 101.9
RMS x 52.48
RMS y 69.97
side N [adc counts]
side P [adc counts]

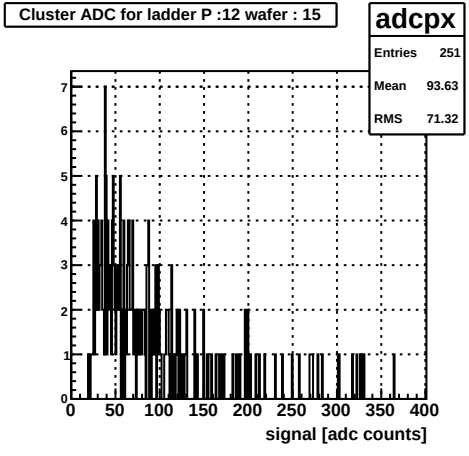

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 567
Mean 48.56
RMS 52.35
signal [adc counts]

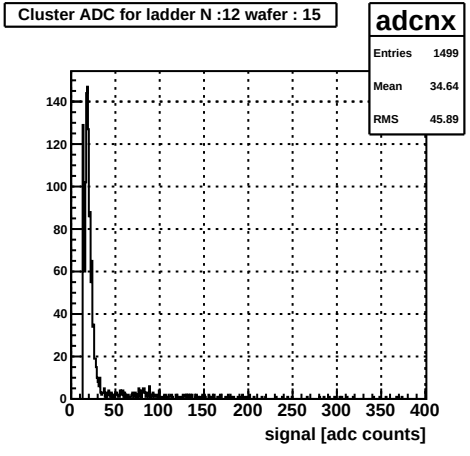

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1513
Mean 31.56
RMS 27.64
signal [adc counts]

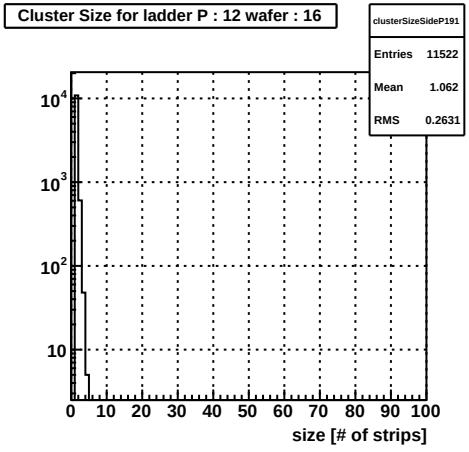

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 251
Mean 1.299
RMS 0.5805
size [# of strips]

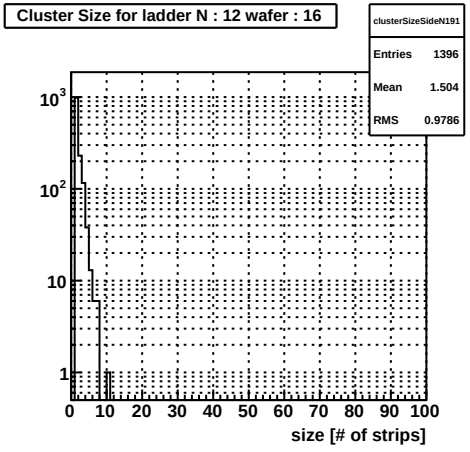

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1499
Mean 1.159
RMS 0.5115
size [# of strips]

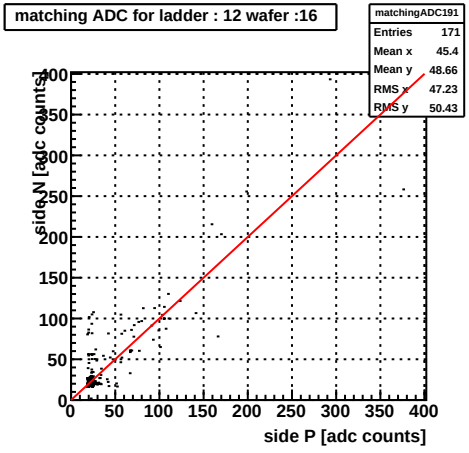

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 201
Mean x 111.6
Mean y 117.6
RMS x 76.44
RMS y 72.66
side N [adc counts]
side P [adc counts]

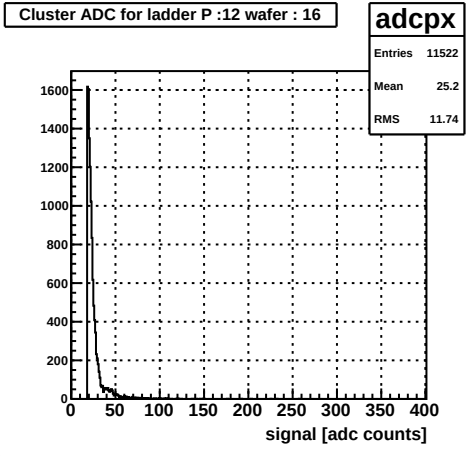

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 251
Mean 93.63
RMS 71.32
signal [adc counts]

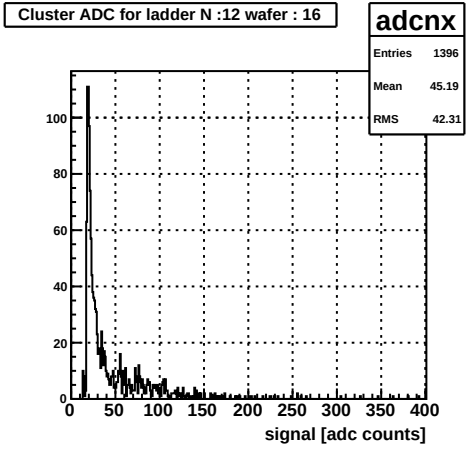

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1499
Mean 34.64
RMS 45.89
signal [adc counts]

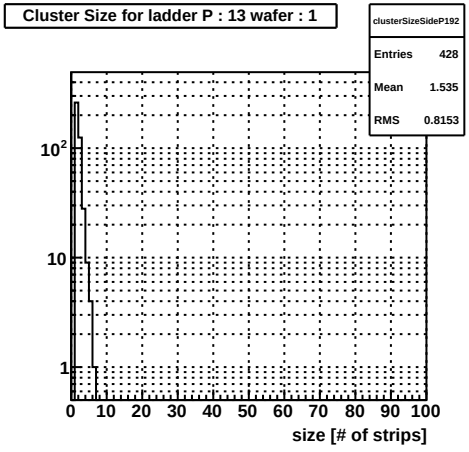

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 11522
Mean 1.062
RMS 0.2631
size [# of strips]

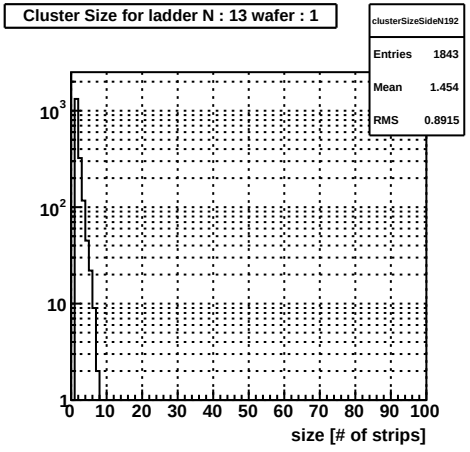

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1396
Mean 1.504
RMS 0.9786
size [# of strips]

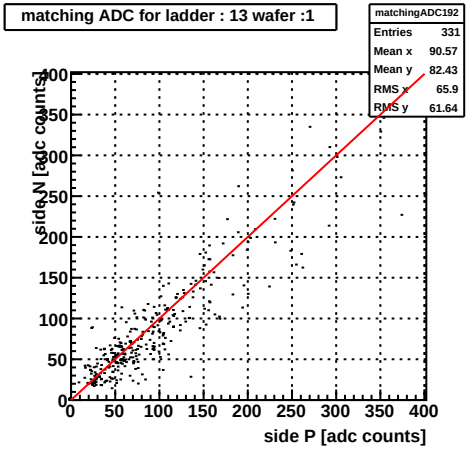

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 171
Mean x 45.4
Mean y 48.66
RMS x 47.23
RMS y 50.43
side N [adc counts]
side P [adc counts]

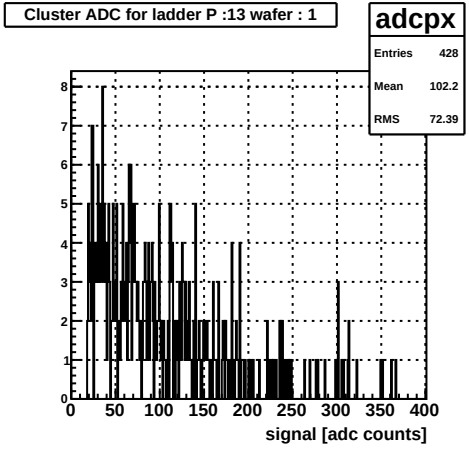

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 11522
Mean 25.2
RMS 11.74
signal [adc counts]

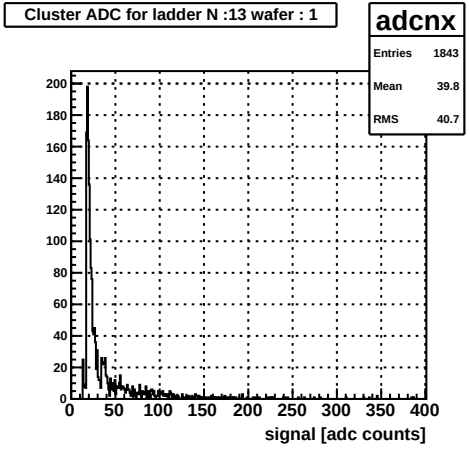

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1396
Mean 45.19
RMS 42.31
signal [adc counts]

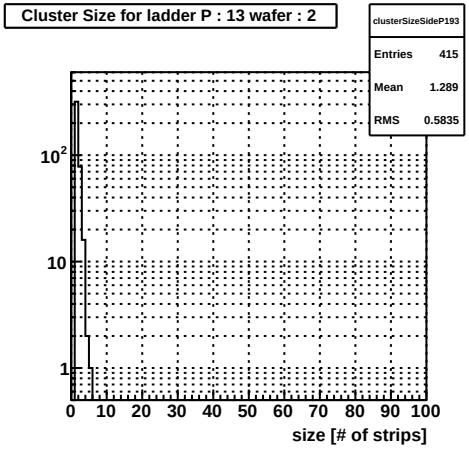

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 428
Mean 1.535
RMS 0.8153
size [# of strips]

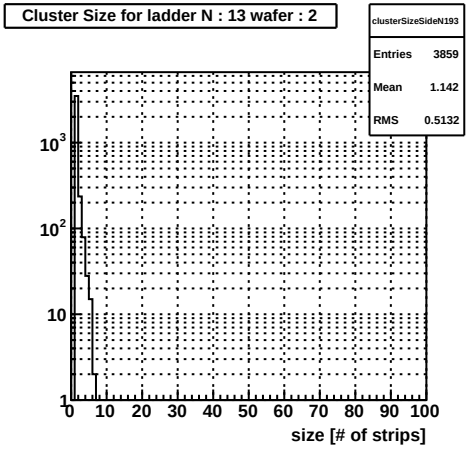

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1843
Mean 1.454
RMS 0.8915
size [# of strips]

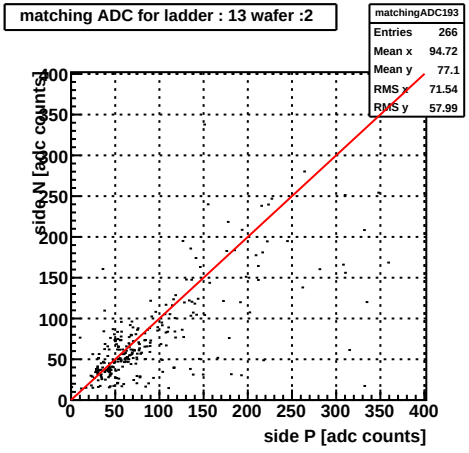

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 331
Mean x 90.57
Mean y 82.43
RMS x 65.9
RMS y 61.64
side N [adc counts]
side P [adc counts]

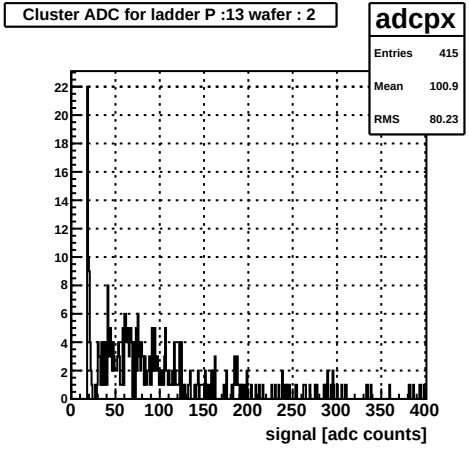

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 428
Mean 102.2
RMS 72.39
signal [adc counts]

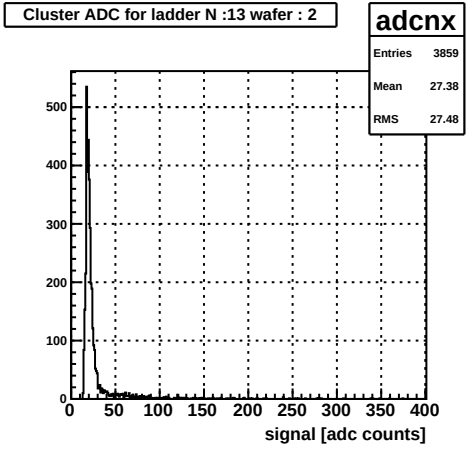

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1843
Mean 39.8
RMS 40.7
signal [adc counts]

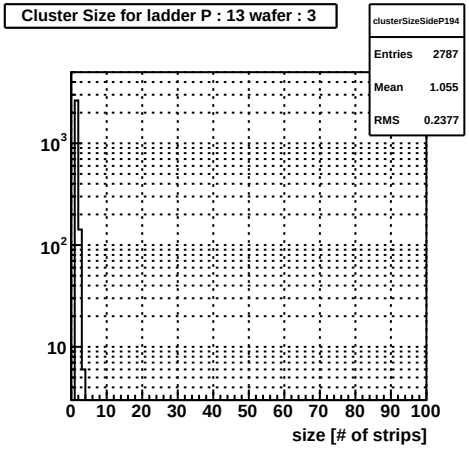

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 415
Mean 1.289
RMS 0.5835
size [# of strips]

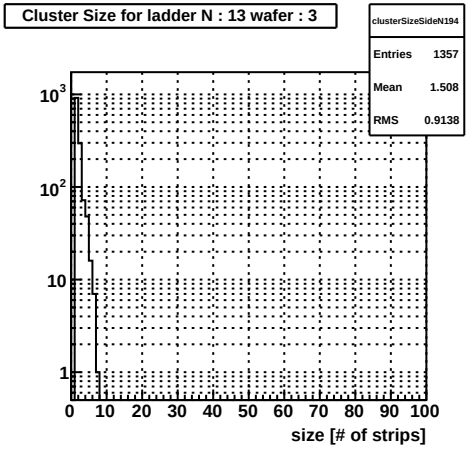

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3859
Mean 1.142
RMS 0.5132
size [# of strips]

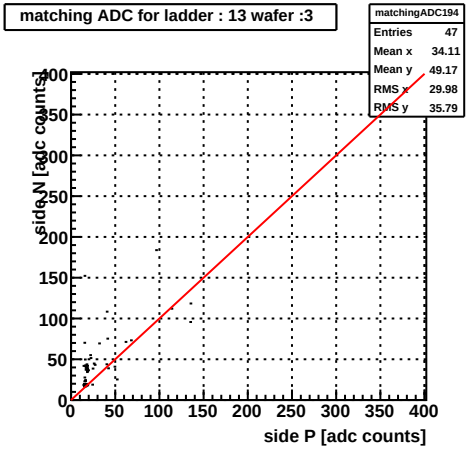

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 266
Mean x 94.72
Mean y 77.1
RMS x 71.54
RMS y 57.99
side N [adc counts]
side P [adc counts]

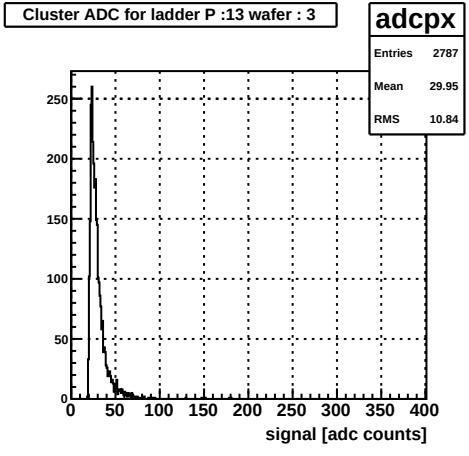

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 415
Mean 100.9
RMS 80.23
signal [adc counts]

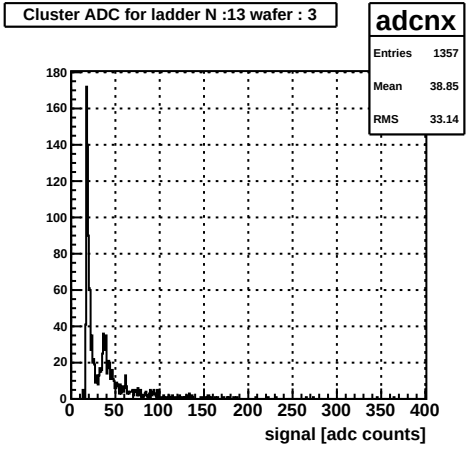

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3859
Mean 27.38
RMS 27.48
signal [adc counts]

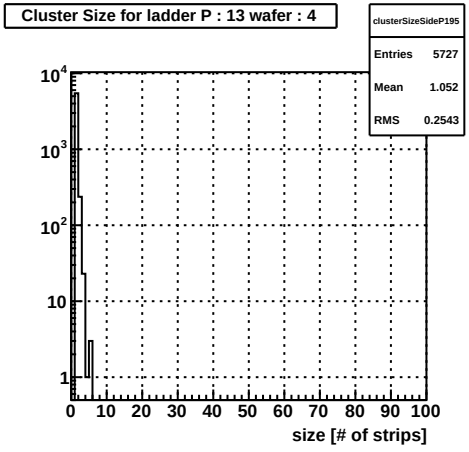

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 2787
Mean 1.055
RMS 0.2377
size [# of strips]

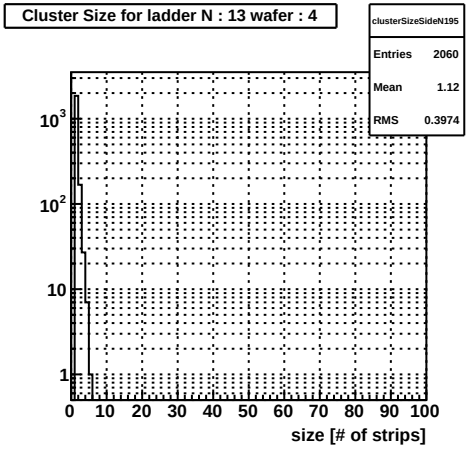

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1357
Mean 1.508
RMS 0.9138
size [# of strips]

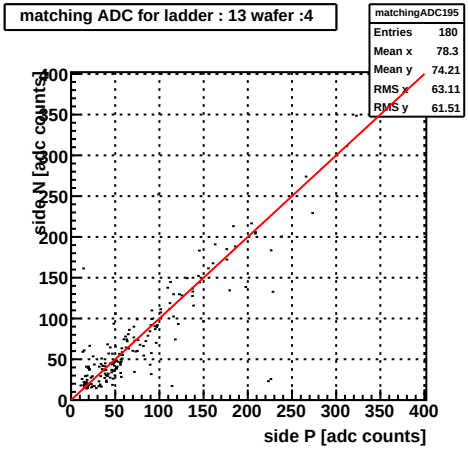

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 47
Mean x 34.11
Mean y 49.17
RMS x 29.98
RMS y 35.79
side N [adc counts]
side P [adc counts]

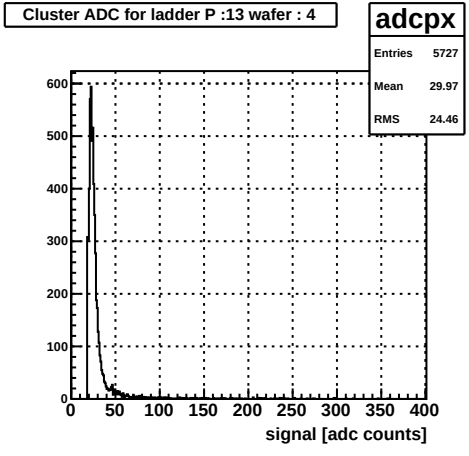

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 2787
Mean 29.95
RMS 10.84
signal [adc counts]

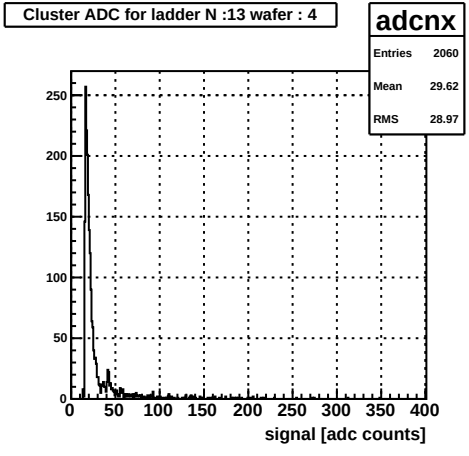

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1357
Mean 38.85
RMS 33.14
signal [adc counts]

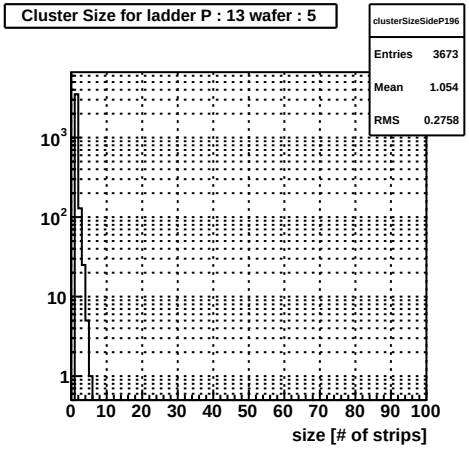

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 5727
Mean 1.052
RMS 0.2543
size [# of strips]

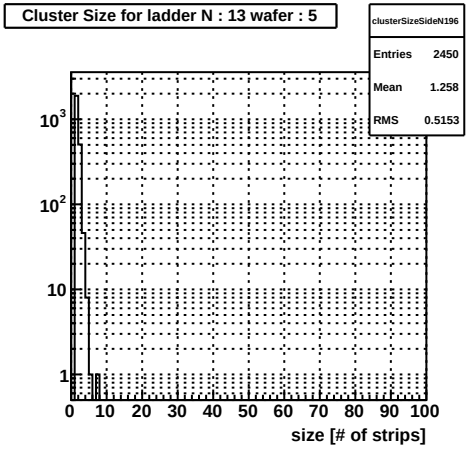

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2060
Mean 1.12
RMS 0.3974
size [# of strips]

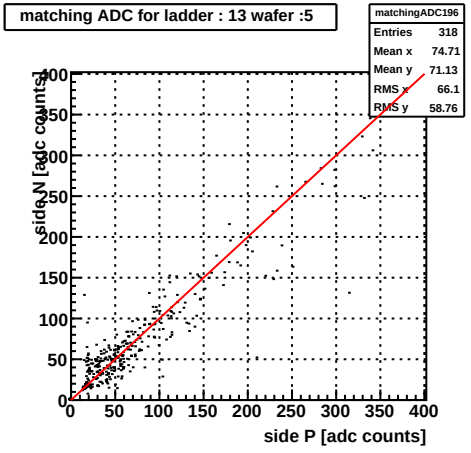

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 180
Mean x 78.3
Mean y 74.21
RMS x 63.11
RMS y 61.51
side N [adc counts]
side P [adc counts]

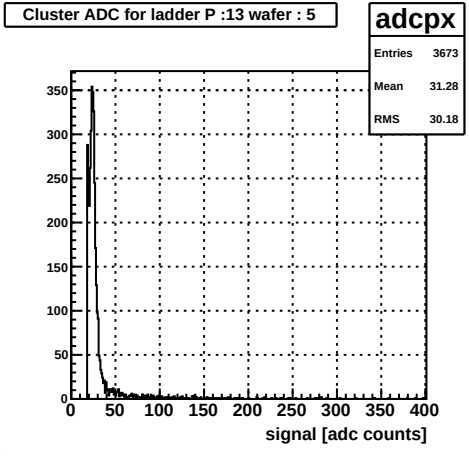

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 5727
Mean 29.97
RMS 24.46
signal [adc counts]

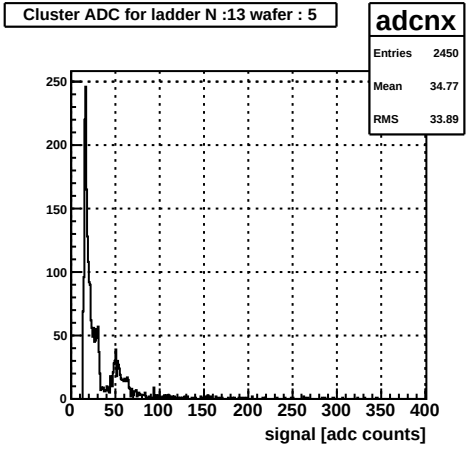

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2060
Mean 29.62
RMS 28.97
signal [adc counts]

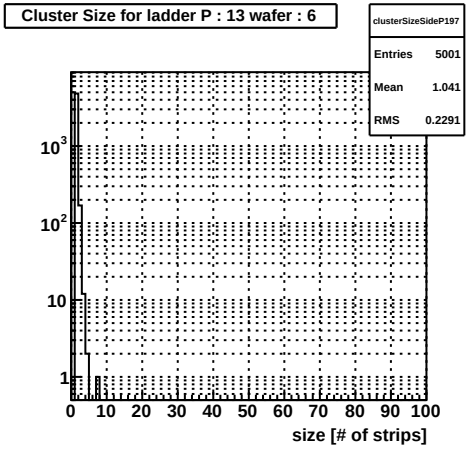

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 3673
Mean 1.054
RMS 0.2758
size [# of strips]

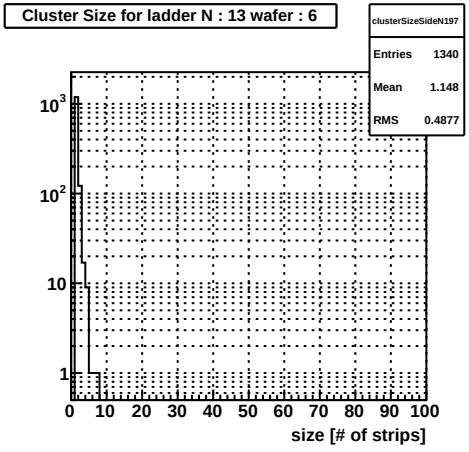

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2450
Mean 1.258
RMS 0.5153
size [# of strips]

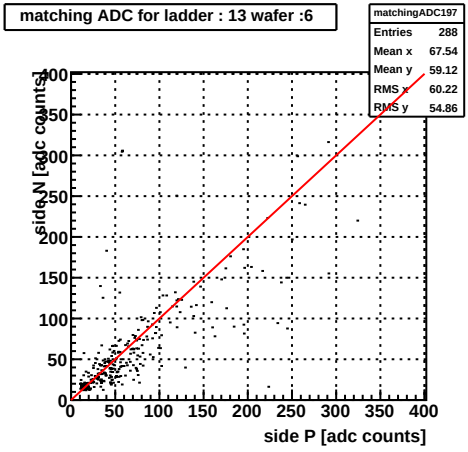

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 318
Mean x 74.71
Mean y 71.13
RMS x 66.1
RMS y 58.76
side N [adc counts]
side P [adc counts]

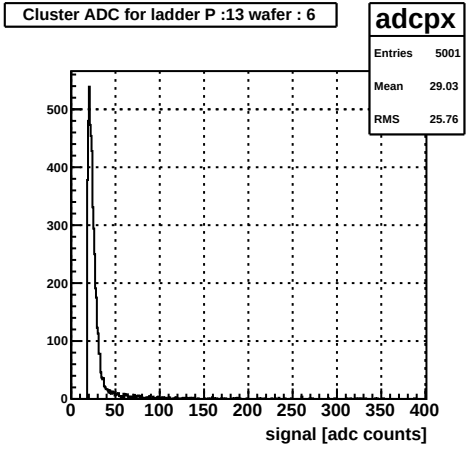

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 3673
Mean 31.28
RMS 30.18
signal [adc counts]

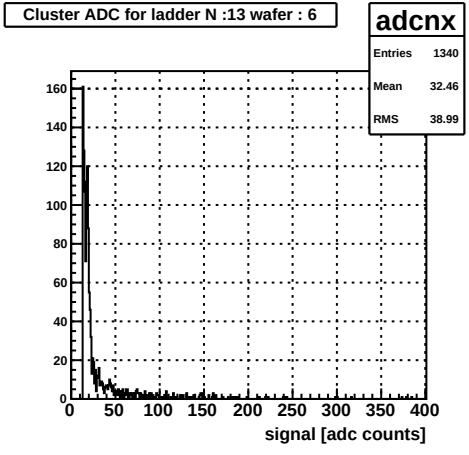

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2450
Mean 34.77
RMS 33.89
signal [adc counts]

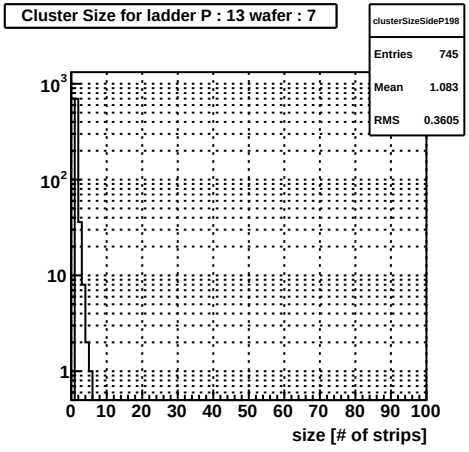

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 5001
Mean 1.041
RMS 0.2291
size [# of strips]

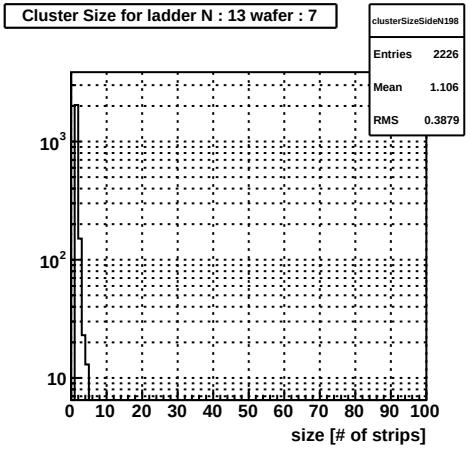

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1340
Mean 1.148
RMS 0.4877
size [# of strips]

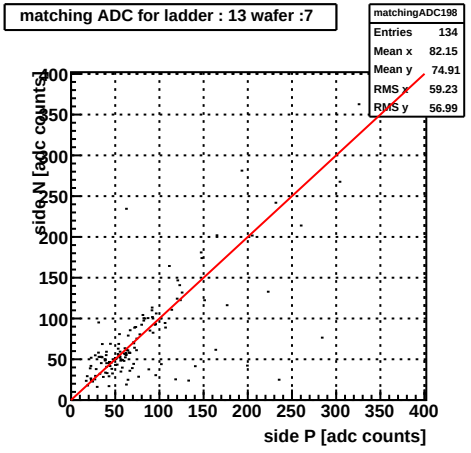

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 288
Mean x 67.54
Mean y 59.12
RMS x 60.22
RMS y 54.86
side N [adc counts]
side P [adc counts]

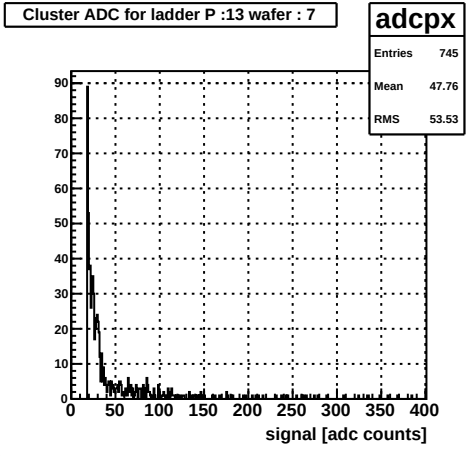

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 5001
Mean 29.03
RMS 25.76
signal [adc counts]

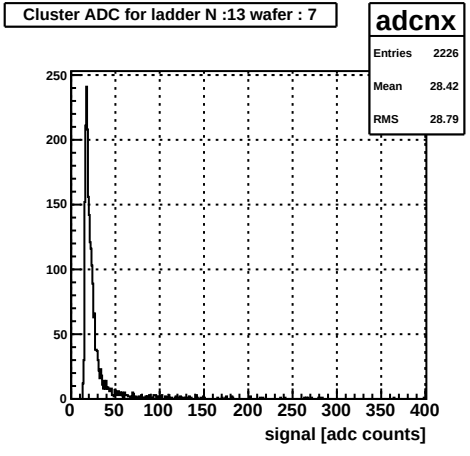

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1340
Mean 32.46
RMS 38.99
signal [adc counts]

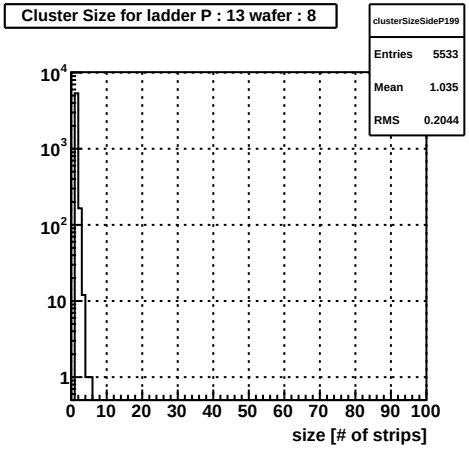

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 745
Mean 1.083
RMS 0.3605
size [# of strips]

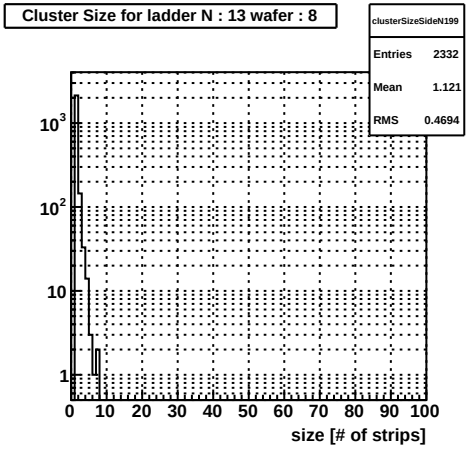

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2226
Mean 1.106
RMS 0.3879
size [# of strips]

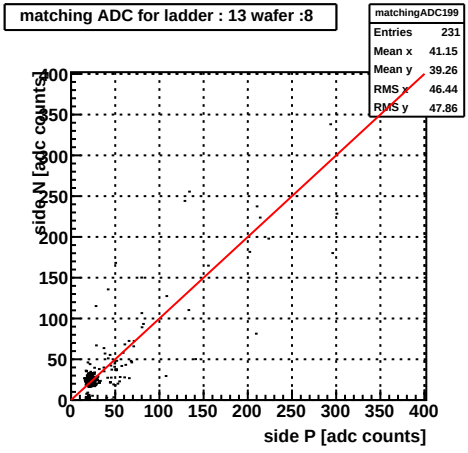

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 134
Mean x 82.15
Mean y 74.91
RMS x 59.23
RMS y 56.99
side N [adc counts]
side P [adc counts]

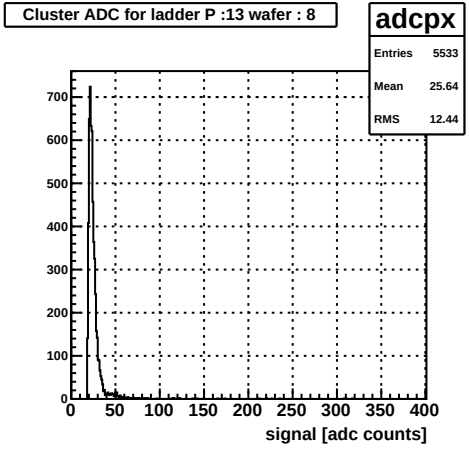

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 745
Mean 47.76
RMS 53.53
signal [adc counts]

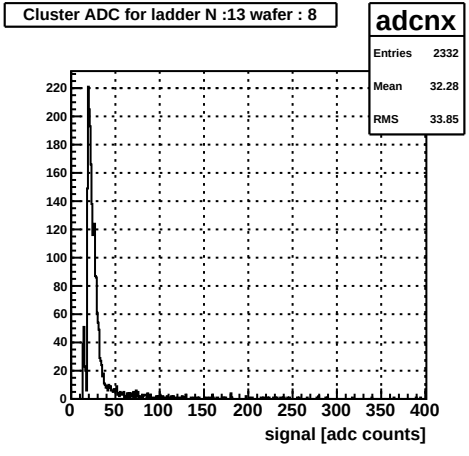

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2226
Mean 28.42
RMS 28.79
signal [adc counts]

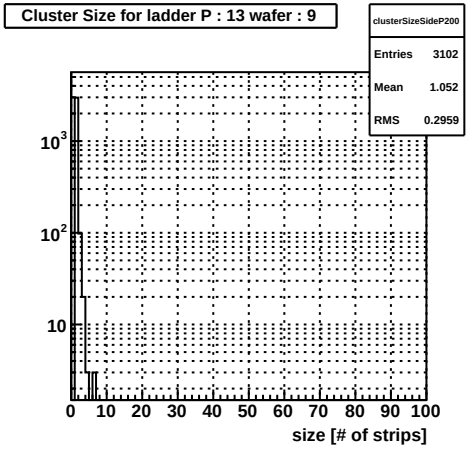

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5533
Mean 1.035
RMS 0.2044
size [# of strips]

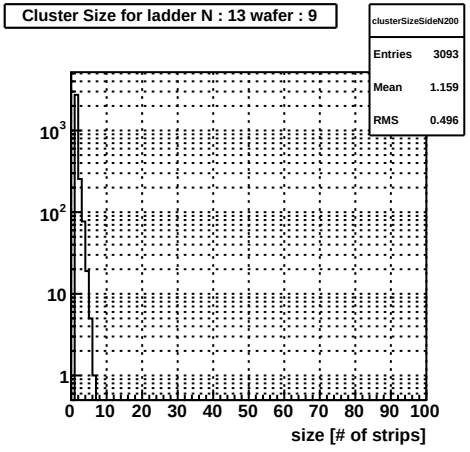

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2332
Mean 1.121
RMS 0.4694
size [# of strips]

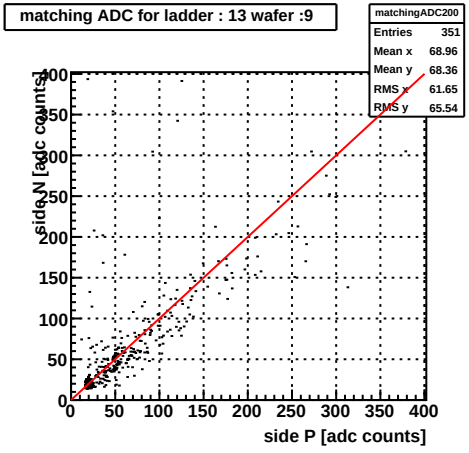

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 231
Mean x 41.15
Mean y 39.26
RMS x 46.44
RMS y 47.86
side N [adc counts]
side P [adc counts]

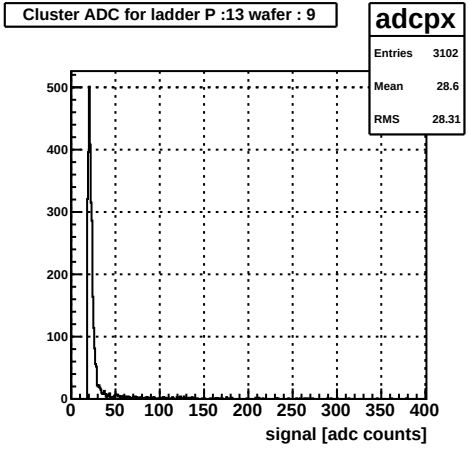

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5533
Mean 25.64
RMS 12.44
signal [adc counts]

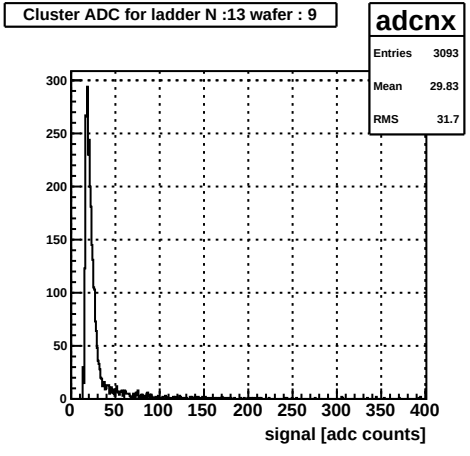

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2332
Mean 32.28
RMS 33.85
signal [adc counts]

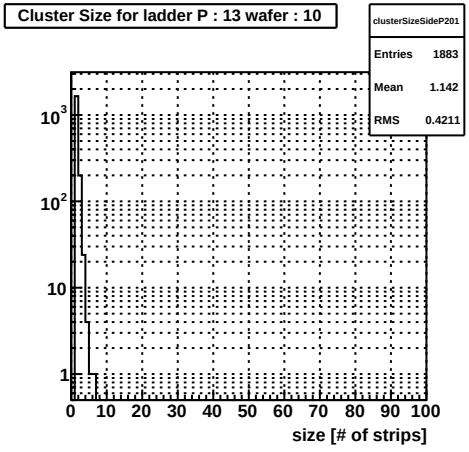

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 3102
Mean 1.052
RMS 0.2959
size [# of strips]

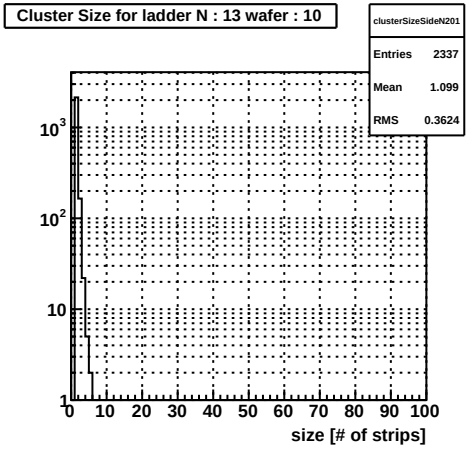

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3093
Mean 1.159
RMS 0.496
size [# of strips]

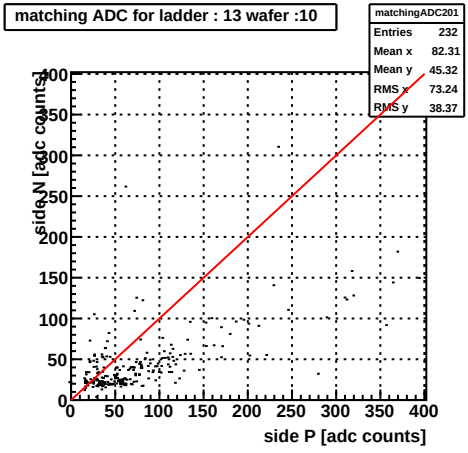

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 351
Mean x 68.96
Mean y 68.36
RMS x 61.65
RMS y 65.54
side N [adc counts]
side P [adc counts]

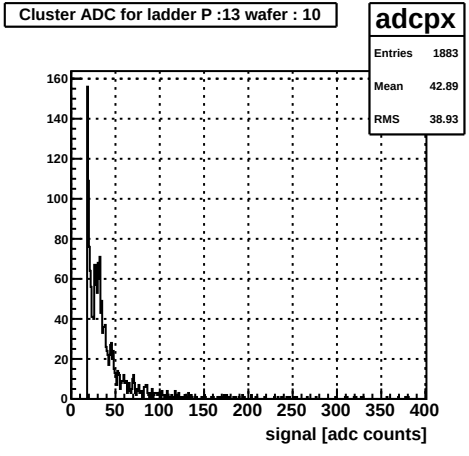

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 3102
Mean 28.6
RMS 28.31
signal [adc counts]

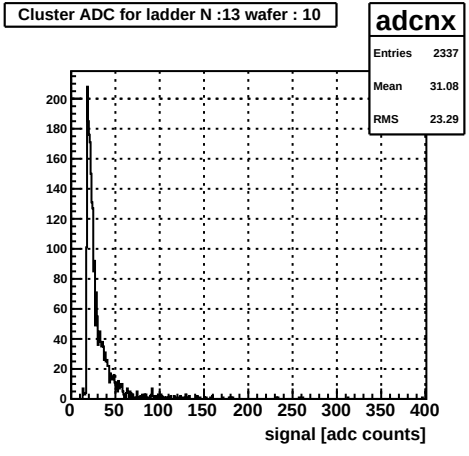

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3093
Mean 29.83
RMS 31.7
signal [adc counts]

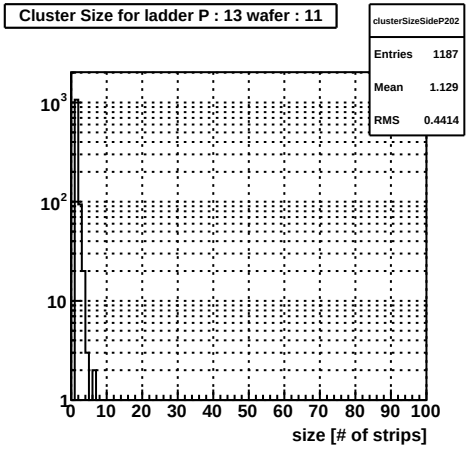

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1883
Mean 1.142
RMS 0.4211
size [# of strips]

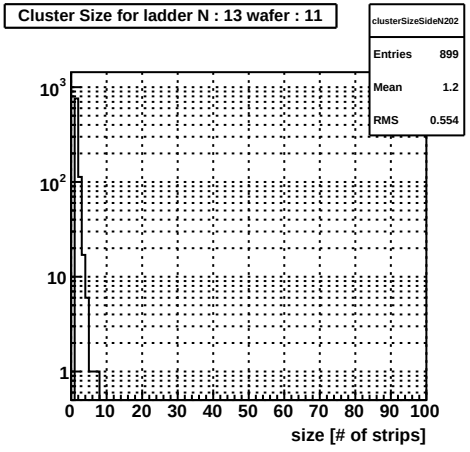

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2337
Mean 1.099
RMS 0.3624
size [# of strips]

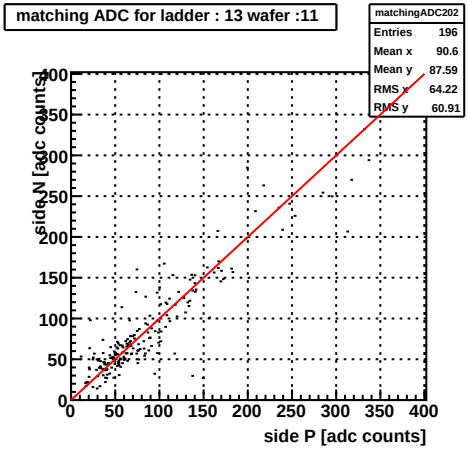

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 232
Mean x 82.31
Mean y 45.32
RMS x 73.24
RMS y 38.37
side N [adc counts]
side P [adc counts]

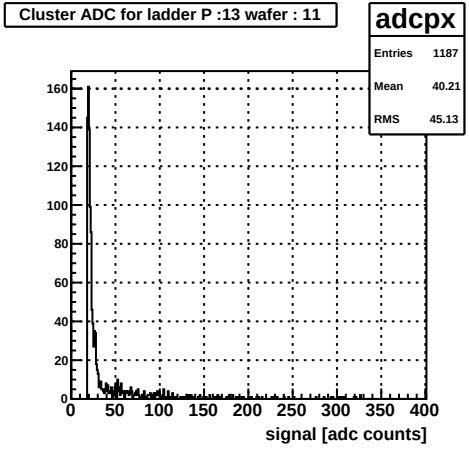

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1883
Mean 42.89
RMS 38.93
signal [adc counts]

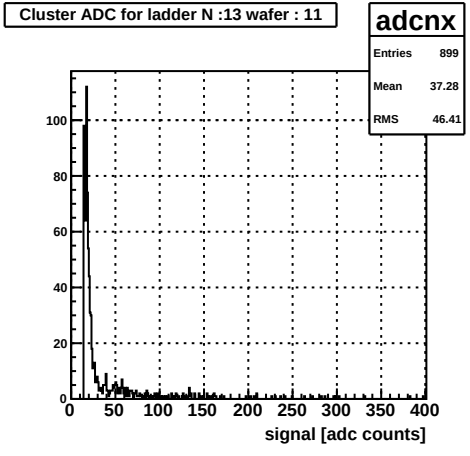

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2337
Mean 31.08
RMS 23.29
signal [adc counts]

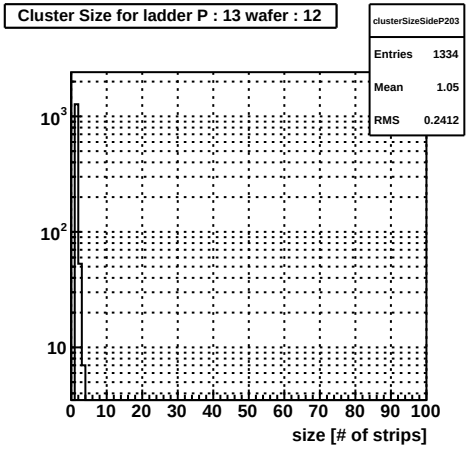

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1187
Mean 1.129
RMS 0.4414
size [# of strips]

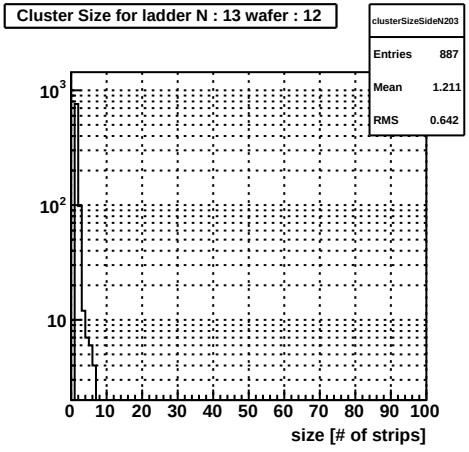

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 899
Mean 1.2
RMS 0.554
size [# of strips]

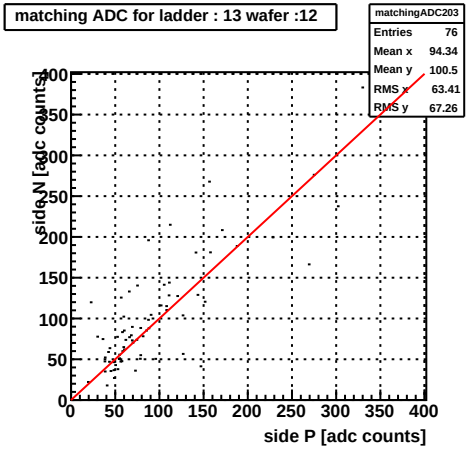

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 196
Mean x 90.6
Mean y 87.59
RMS x 64.22
RMS y 60.91
side N [adc counts]
side P [adc counts]

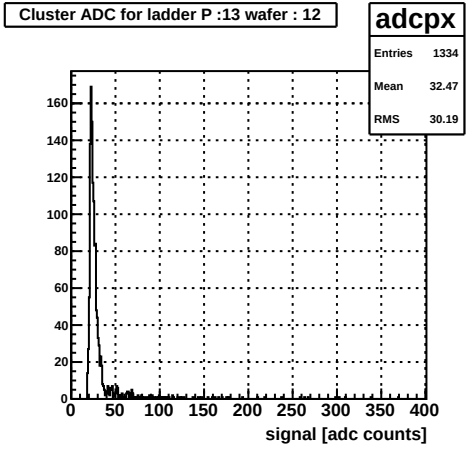

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1187
Mean 40.21
RMS 45.13
signal [adc counts]

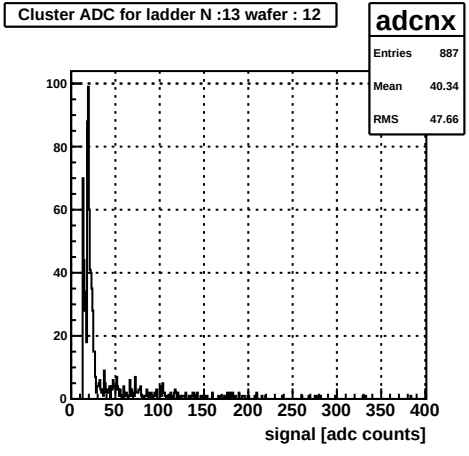

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 899
Mean 37.28
RMS 46.41
signal [adc counts]

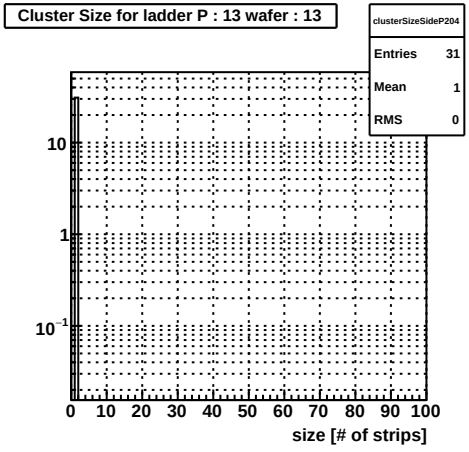

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1334
Mean 1.05
RMS 0.2412
size [# of strips]

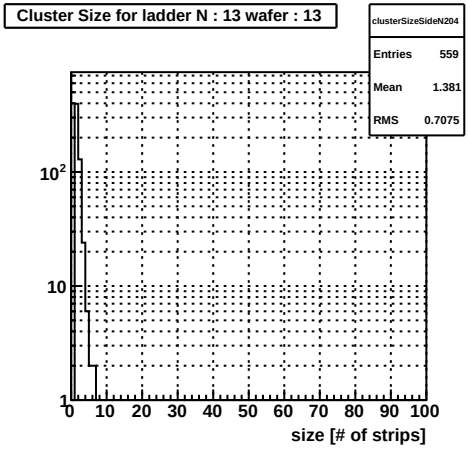

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 887
Mean 1.211
RMS 0.642
size [# of strips]

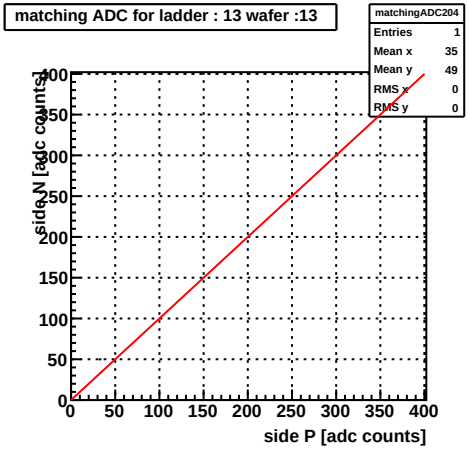

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 76
Mean x 94.34
Mean y 100.5
RMS x 63.41
RMS y 67.26
side N [adc counts]
side P [adc counts]

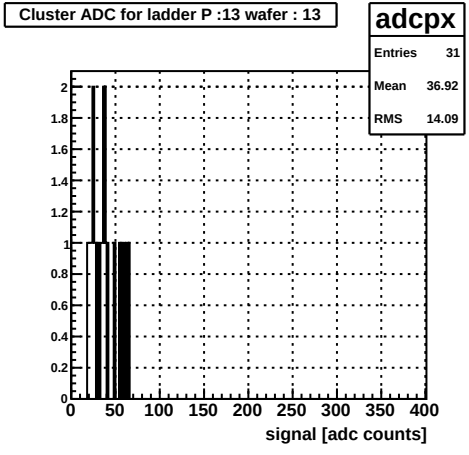

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1334
Mean 32.47
RMS 30.19
signal [adc counts]

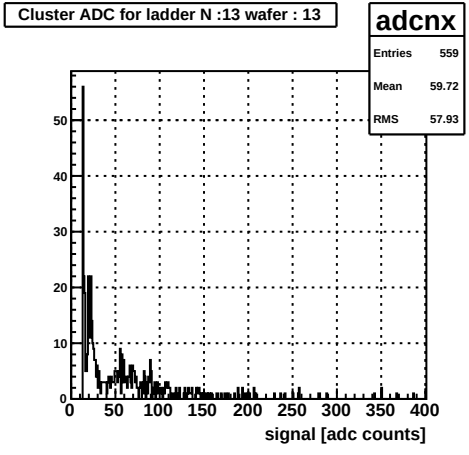

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 887
Mean 40.34
RMS 47.66
signal [adc counts]

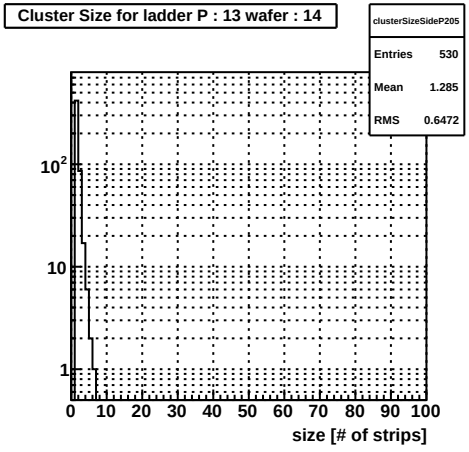

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 31
Mean 1
RMS 0
size [# of strips]

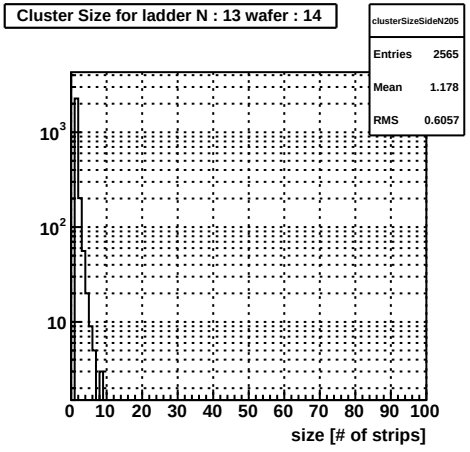

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 559
Mean 1.381
RMS 0.7075
size [# of strips]

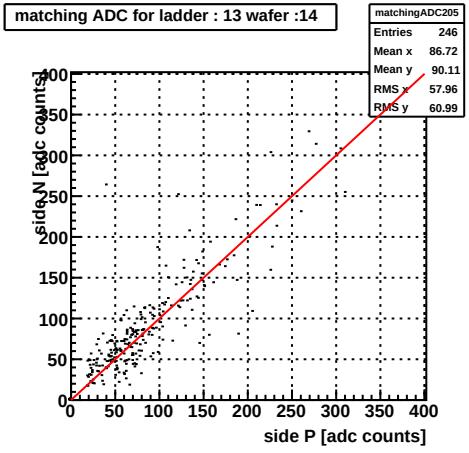

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 35
Mean y 49
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

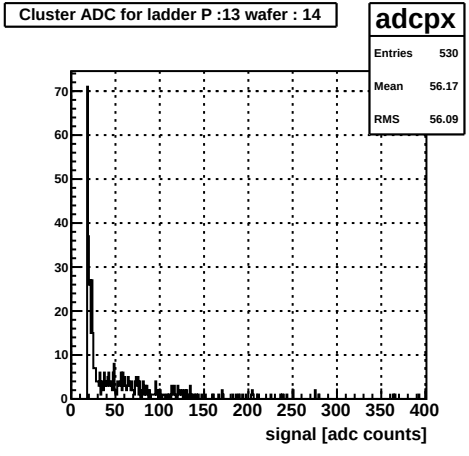

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 31
Mean 36.92
RMS 14.09
signal [adc counts]

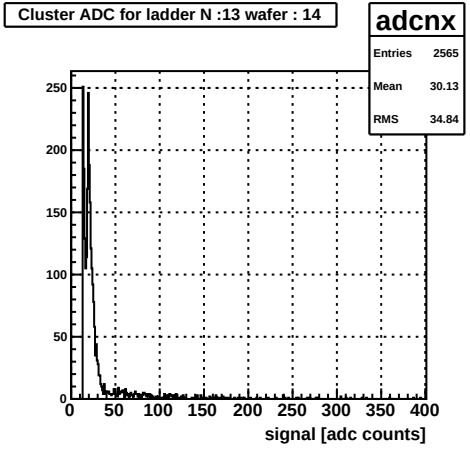

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 559
Mean 59.72
RMS 57.93
signal [adc counts]

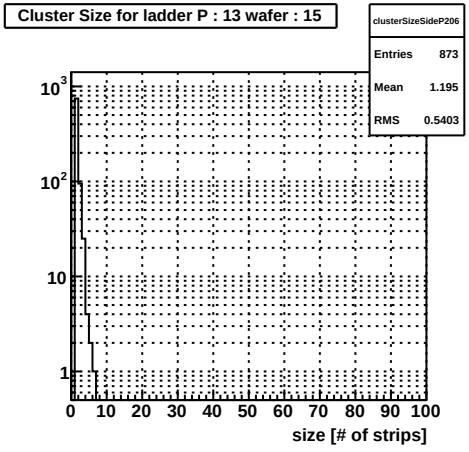

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 530
Mean 1.285
RMS 0.6472
size [# of strips]

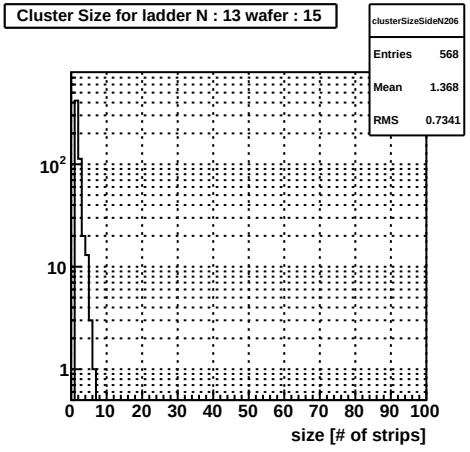

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2565
Mean 1.178
RMS 0.6057
size [# of strips]

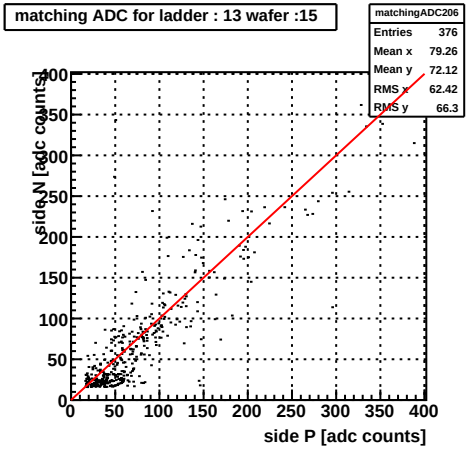

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 246
Mean x 86.72
Mean y 90.11
RMS x 57.96
RMS y 60.99
side N [adc counts]
side P [adc counts]

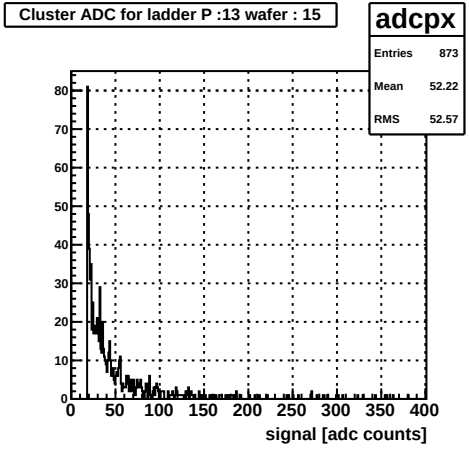

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 530
Mean 56.17
RMS 56.09
signal [adc counts]

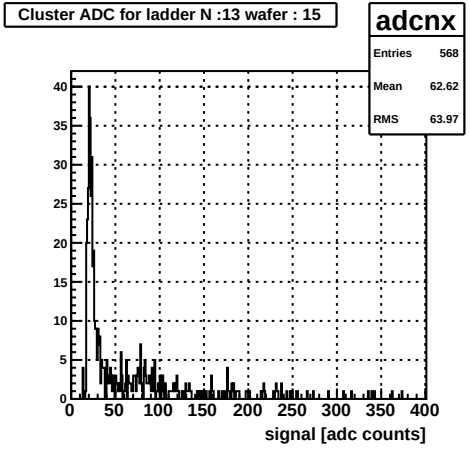

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2565
Mean 30.13
RMS 34.84
signal [adc counts]

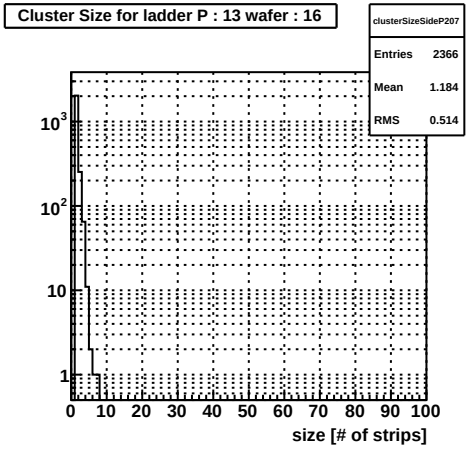

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 873
Mean 1.195
RMS 0.5403
size [# of strips]

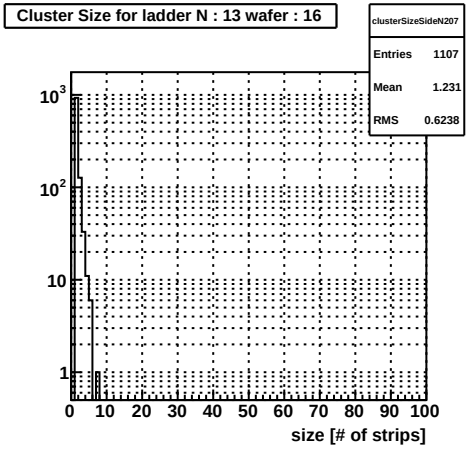

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 568
Mean 1.368
RMS 0.7341
size [# of strips]

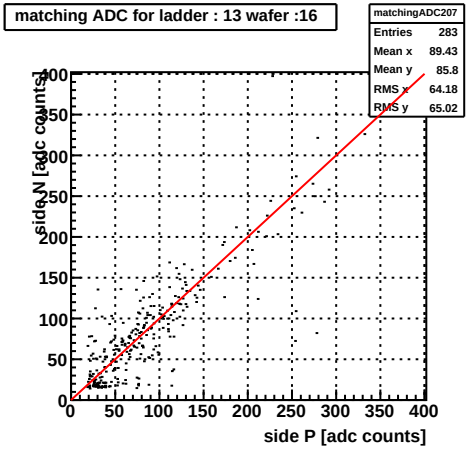

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 376
Mean x 79.26
Mean y 72.12
RMS x 62.42
RMS y 66.3
side N [adc counts]
side P [adc counts]

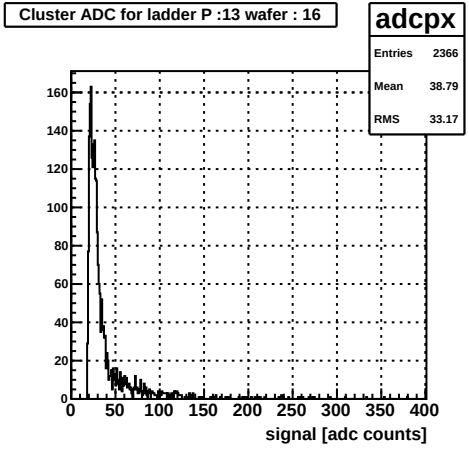

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 873
Mean 52.22
RMS 52.57
signal [adc counts]

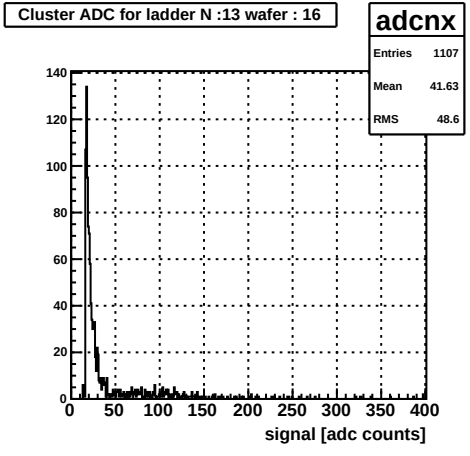

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 568
Mean 62.62
RMS 63.97
signal [adc counts]

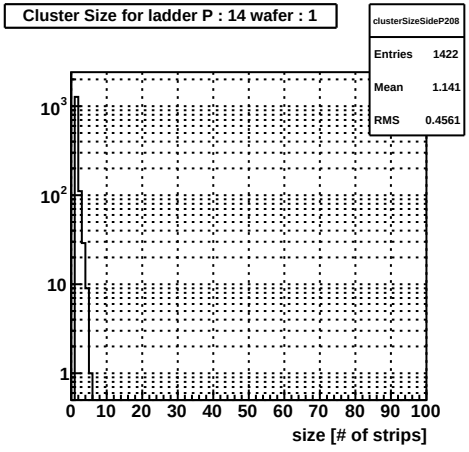

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 2366
Mean 1.184
RMS 0.514
size [# of strips]

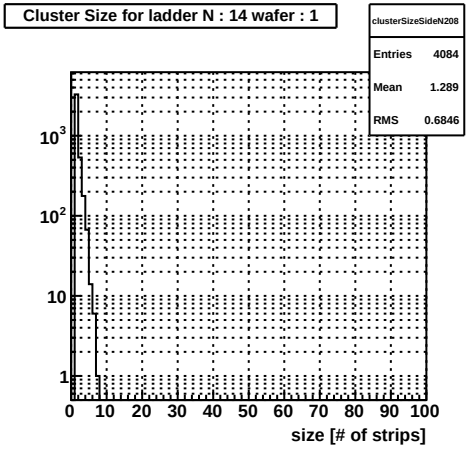

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1107
Mean 1.231
RMS 0.6238
size [# of strips]

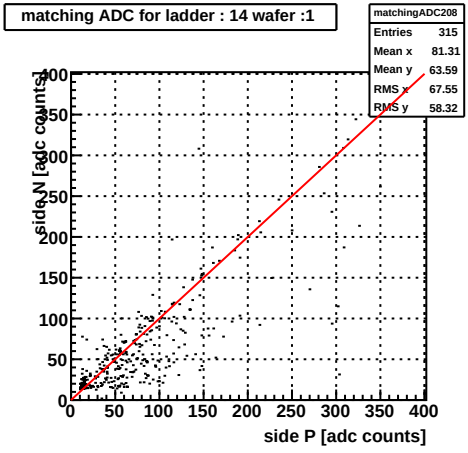

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 283
Mean x 89.43
Mean y 85.8
RMS x 64.18
RMS y 65.02
side N [adc counts]
side P [adc counts]

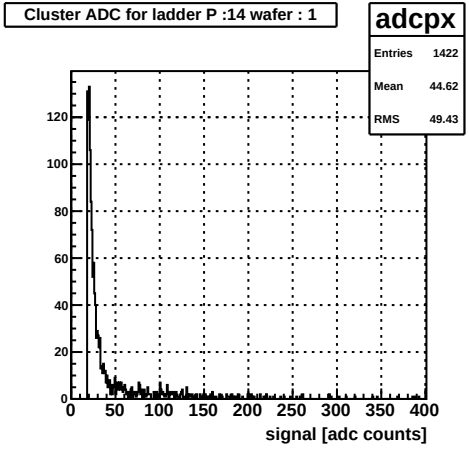

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 2366
Mean 38.79
RMS 33.17
signal [adc counts]

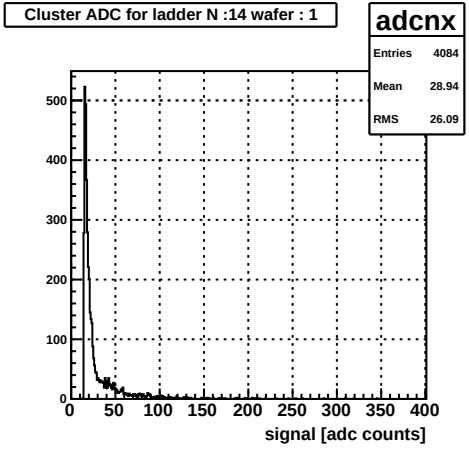

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1107
Mean 41.63
RMS 48.6
signal [adc counts]

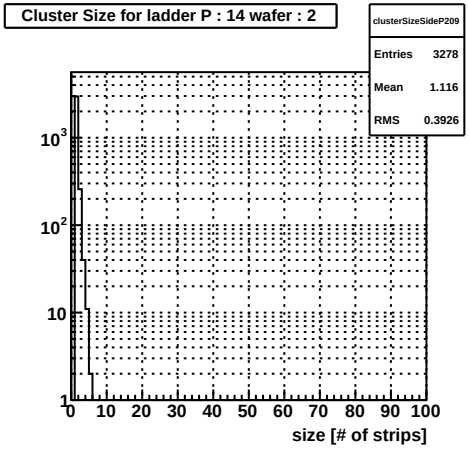

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1422
Mean 1.141
RMS 0.4561
size [# of strips]

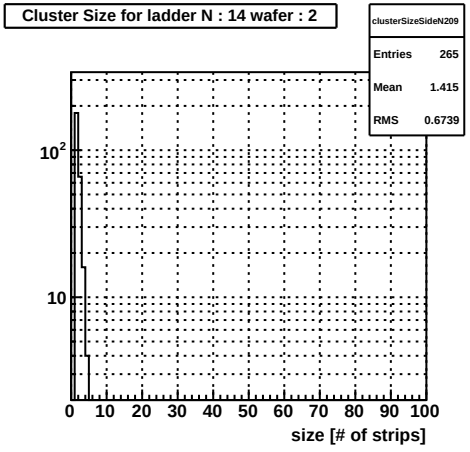

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 4084
Mean 1.289
RMS 0.6846
size [# of strips]

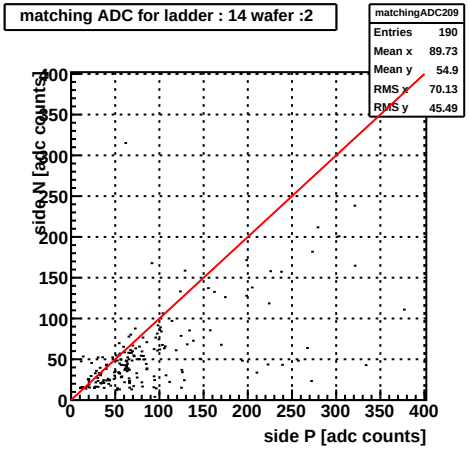

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 315
Mean x 81.31
Mean y 63.59
RMS x 67.55
RMS y 58.32
side N [adc counts]
side P [adc counts]

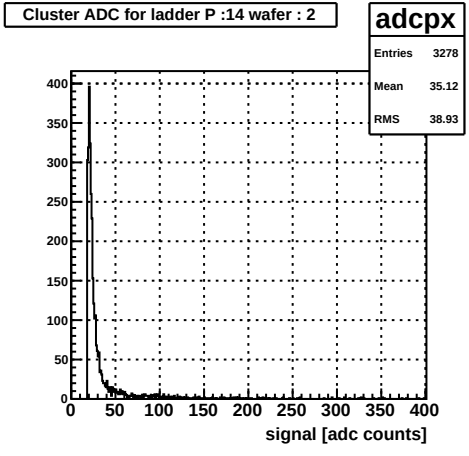

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1422
Mean 44.62
RMS 49.43
signal [adc counts]

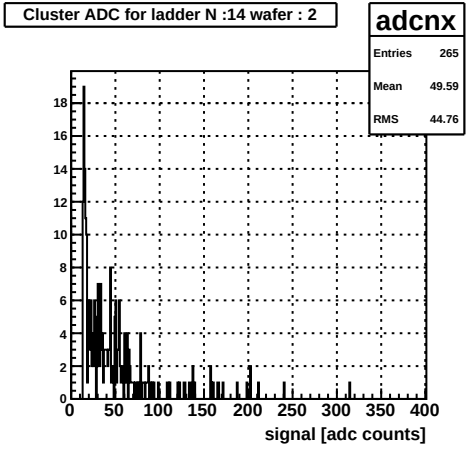

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 4084
Mean 28.94
RMS 26.09
signal [adc counts]

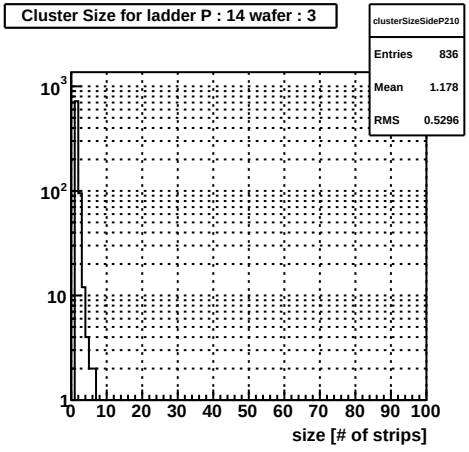

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 3278
Mean 1.116
RMS 0.3926
size [# of strips]

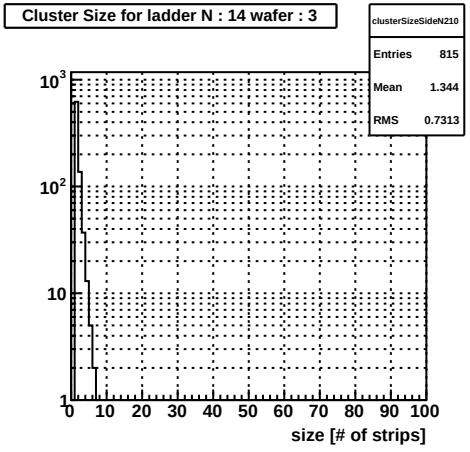

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 265
Mean 1.415
RMS 0.6739
size [# of strips]

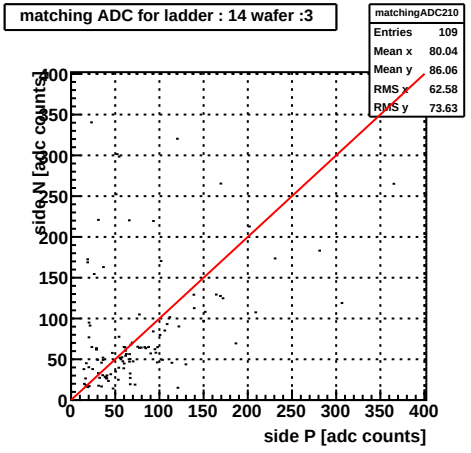

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 190
Mean x 89.73
Mean y 54.9
RMS x 70.13
RMS y 45.49
side N [adc counts]
side P [adc counts]

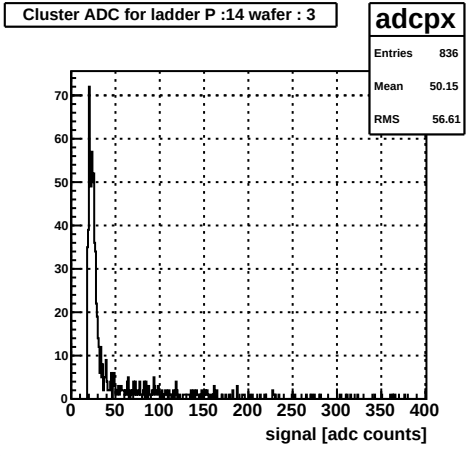

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 3278
Mean 35.12
RMS 38.93
signal [adc counts]

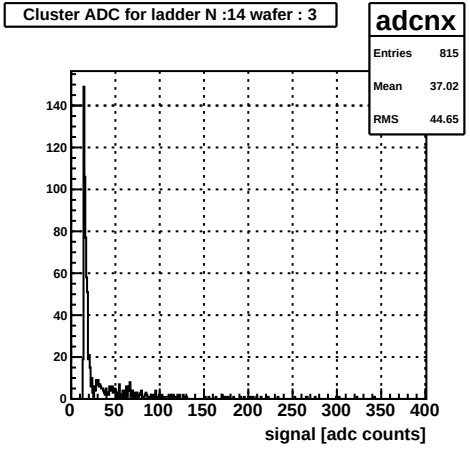

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 265
Mean 49.59
RMS 44.76
signal [adc counts]

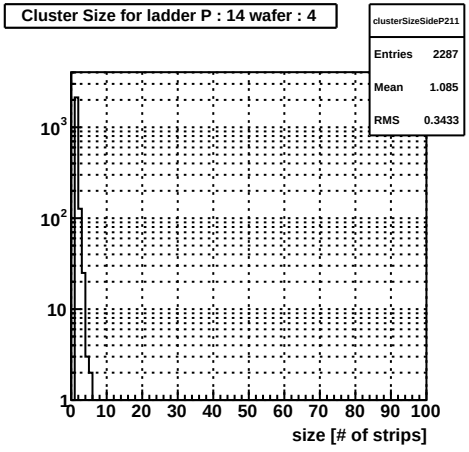

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 836
Mean 1.178
RMS 0.5296
size [# of strips]

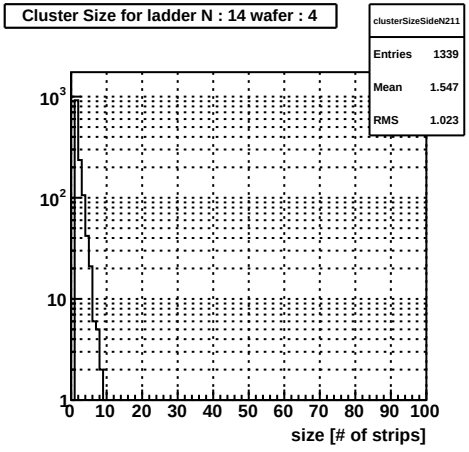

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 815
Mean 1.344
RMS 0.7313
size [# of strips]

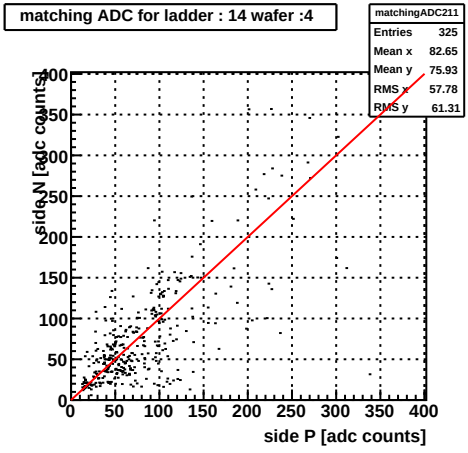

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 109
Mean x 80.04
Mean y 86.06
RMS x 62.58
RMS y 73.63
side N [adc counts]
side P [adc counts]

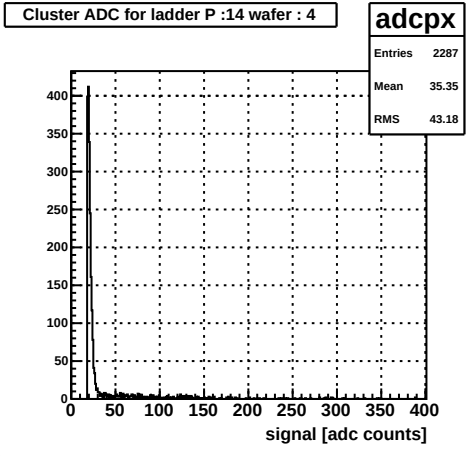

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 836
Mean 50.15
RMS 56.61
signal [adc counts]

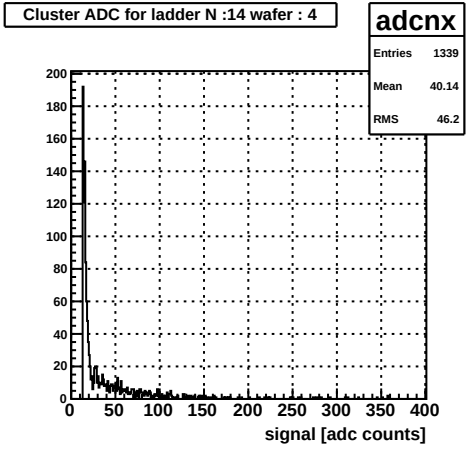

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 815
Mean 37.02
RMS 44.65
signal [adc counts]

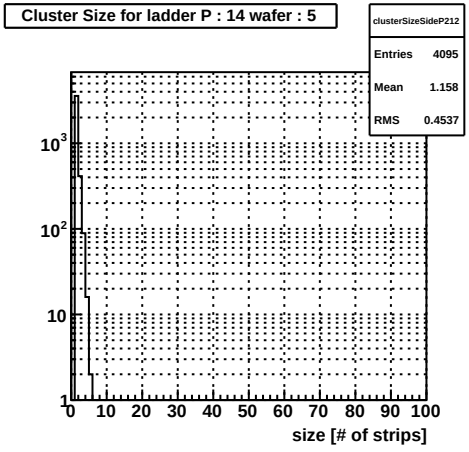

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 2287
Mean 1.085
RMS 0.3433
size [# of strips]

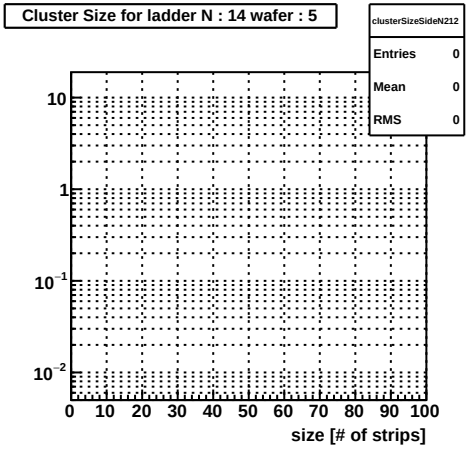

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1339
Mean 1.547
RMS 1.023
size [# of strips]

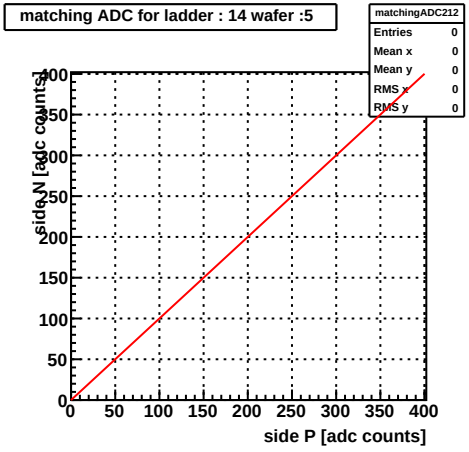

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 325
Mean x 82.65
Mean y 75.93
RMS x 57.78
RMS y 61.31
side N [adc counts]
side P [adc counts]

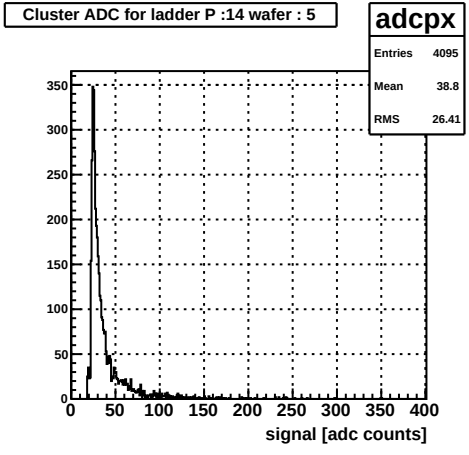

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 2287
Mean 35.35
RMS 43.18
signal [adc counts]

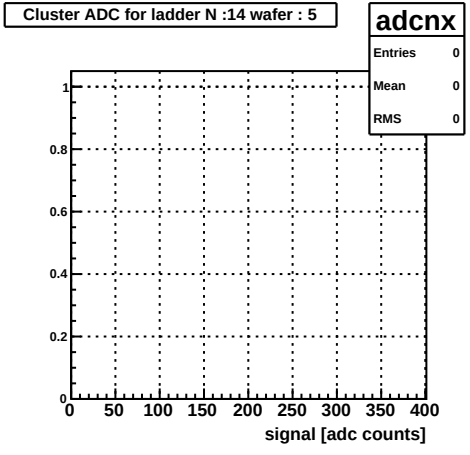

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1339
Mean 40.14
RMS 46.2
signal [adc counts]

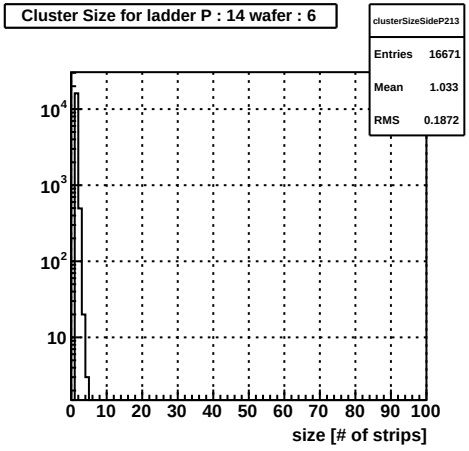

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4095
Mean 1.158
RMS 0.4537
size [# of strips]

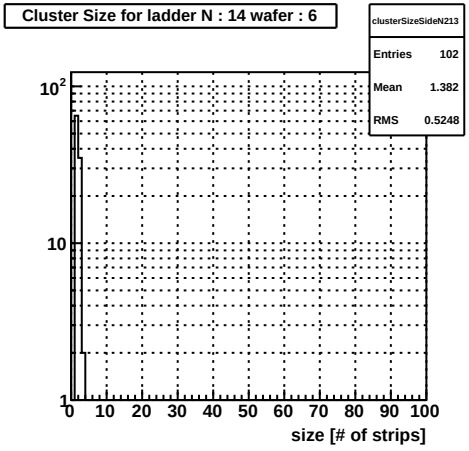

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

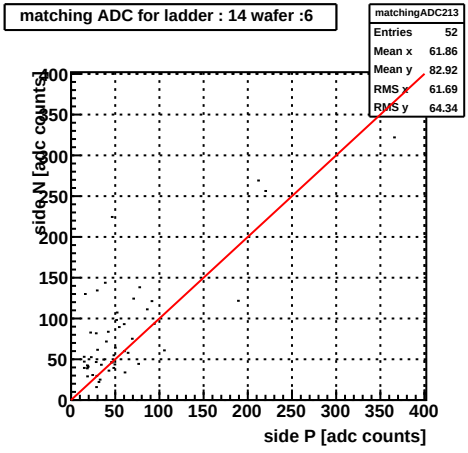

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

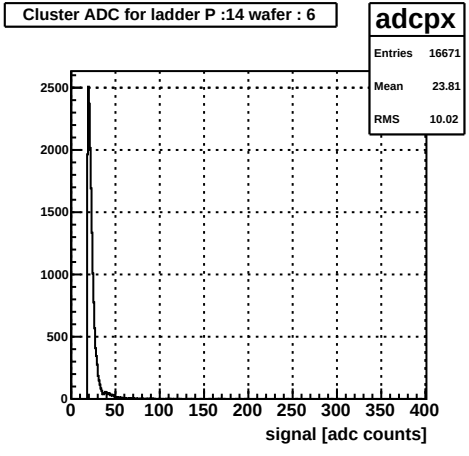

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4095
Mean 38.8
RMS 26.41
signal [adc counts]

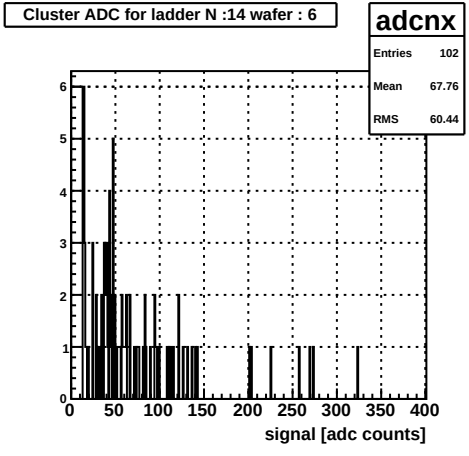

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

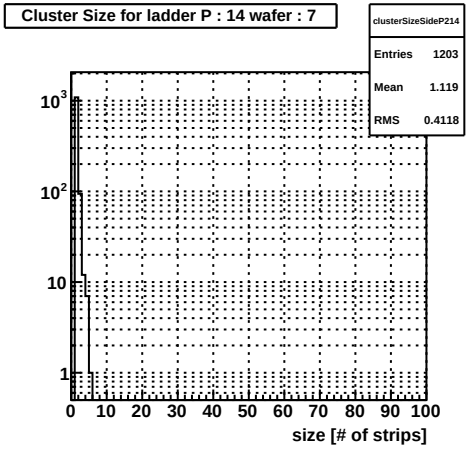

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 16671
Mean 1.033
RMS 0.1872
size [# of strips]

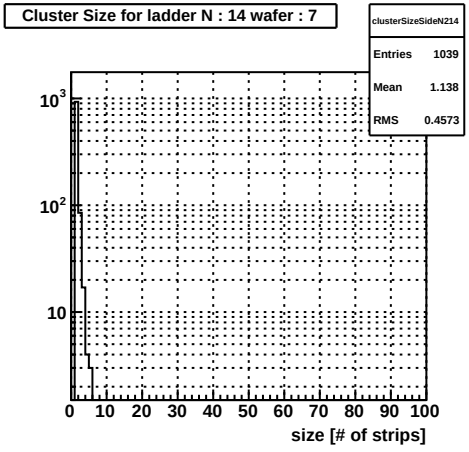

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 102
Mean 1.382
RMS 0.5248
size [# of strips]

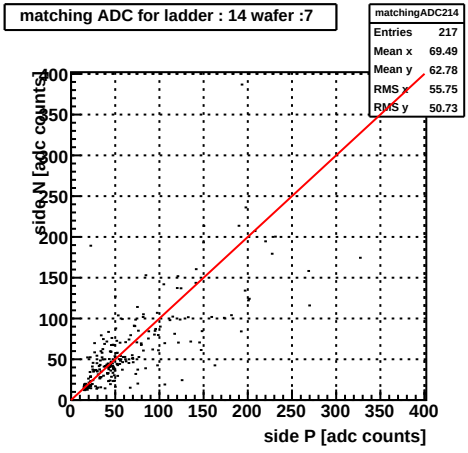

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 52
Mean x 61.86
Mean y 82.92
RMS x 61.69
RMS y 64.34
side N [adc counts]
side P [adc counts]

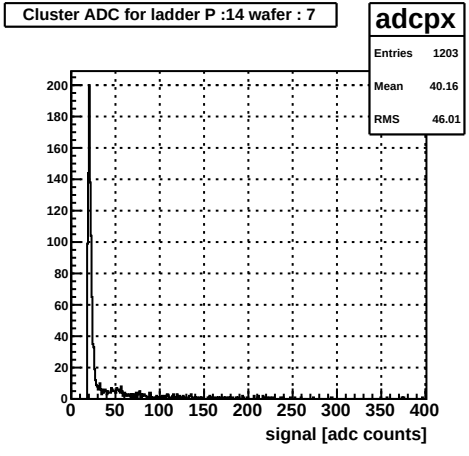

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 16671
Mean 23.81
RMS 10.02
signal [adc counts]

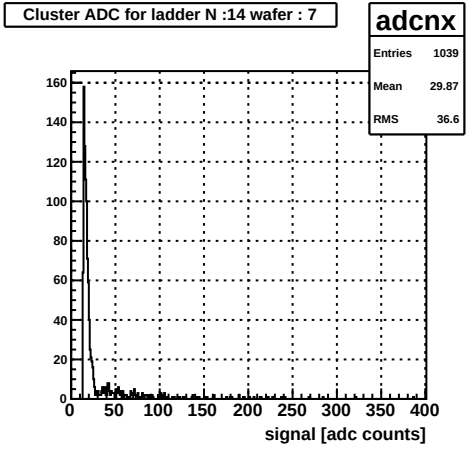

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 102
Mean 67.76
RMS 60.44
signal [adc counts]

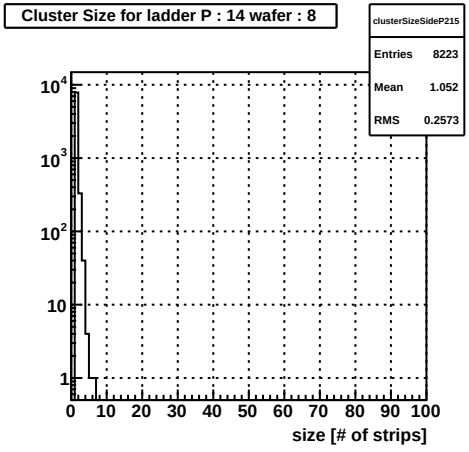

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1203
Mean 1.119
RMS 0.4118
size [# of strips]

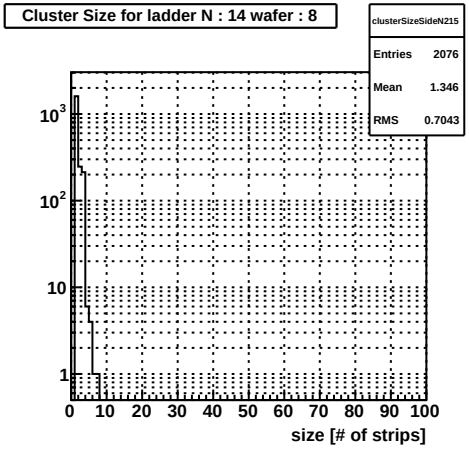

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1039
Mean 1.138
RMS 0.4573
size [# of strips]

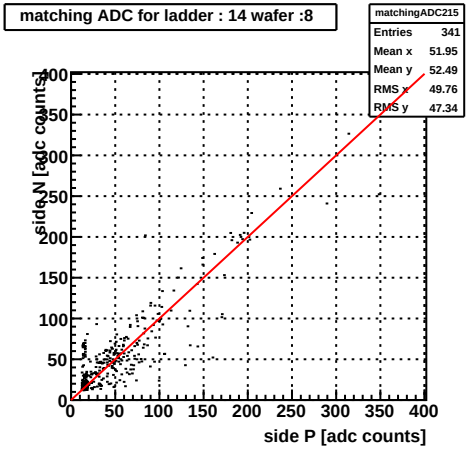

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 217
Mean x 69.49
Mean y 62.78
RMS x 55.75
RMS y 50.73
side N [adc counts]
side P [adc counts]

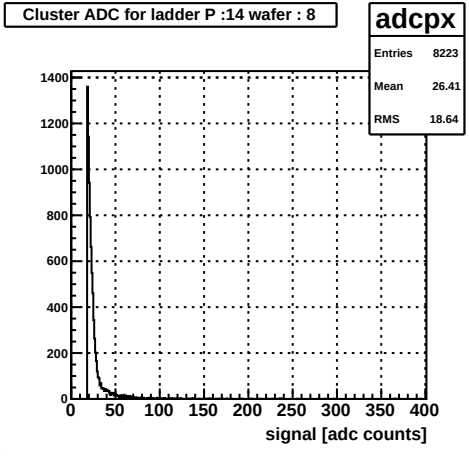

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1203
Mean 40.16
RMS 46.01
signal [adc counts]

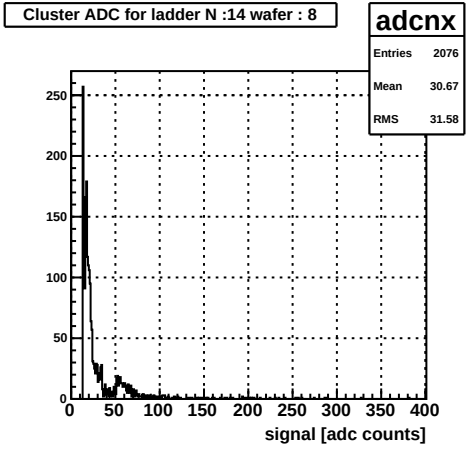

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1039
Mean 29.87
RMS 36.6
signal [adc counts]

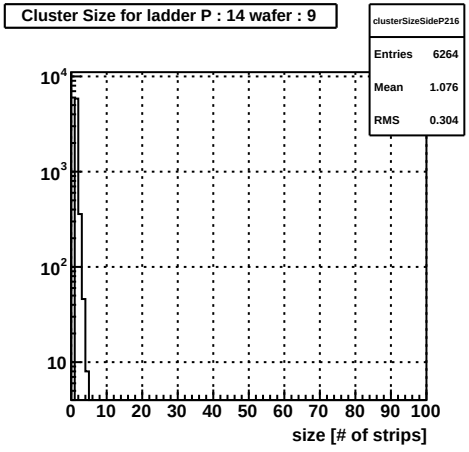

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 8223
Mean 1.052
RMS 0.2573
size [# of strips]

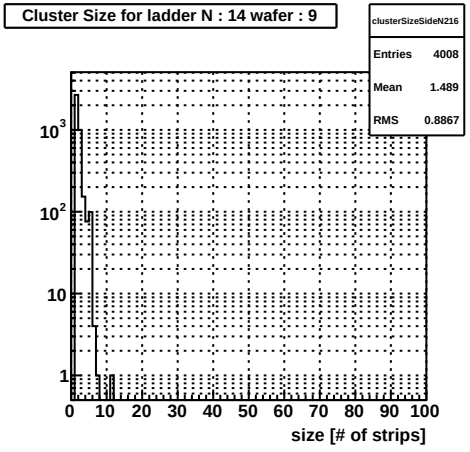

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2076
Mean 1.346
RMS 0.7043
size [# of strips]

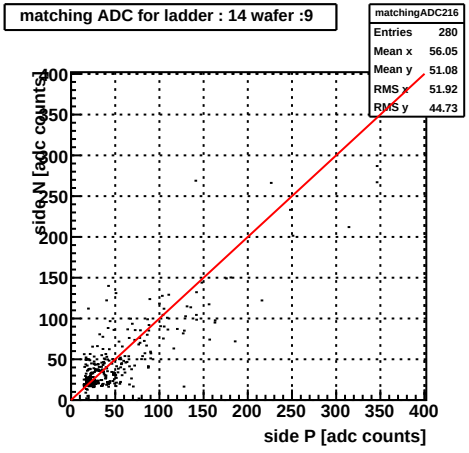

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 341
Mean x 51.95
Mean y 52.49
RMS x 49.76
RMS y 47.34
side N [adc counts]
side P [adc counts]

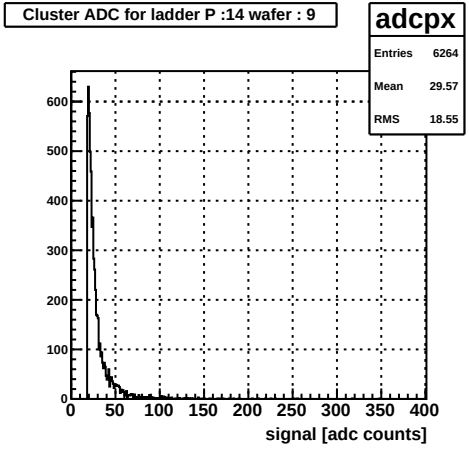

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 8223
Mean 26.41
RMS 18.64
signal [adc counts]

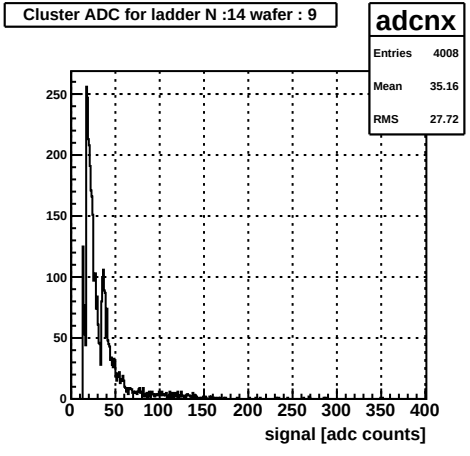

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2076
Mean 30.67
RMS 31.58
signal [adc counts]

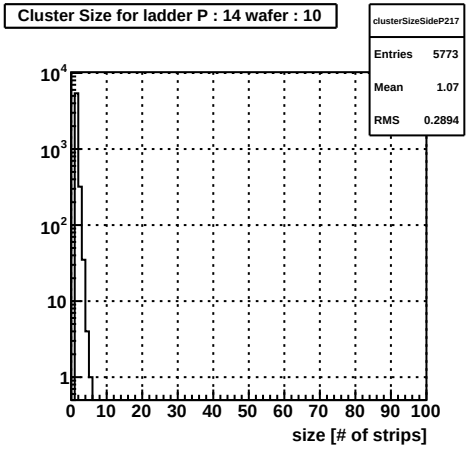

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 6264
Mean 1.076
RMS 0.304
size [# of strips]

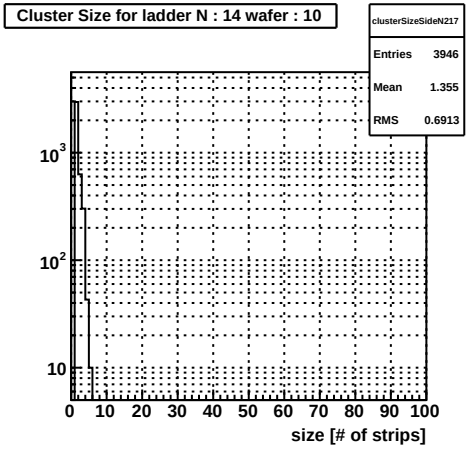

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4008
Mean 1.489
RMS 0.8867
size [# of strips]

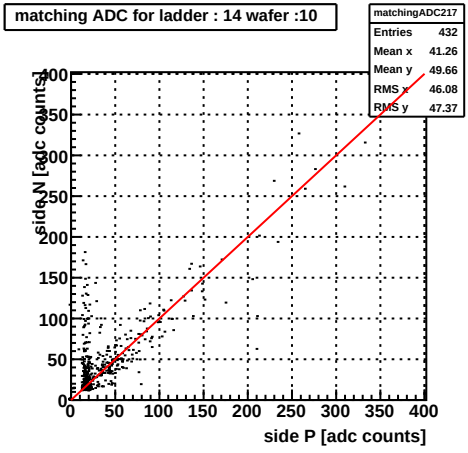

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 280
Mean x 56.05
Mean y 51.08
RMS x 51.92
RMS y 44.73
side N [adc counts]
side P [adc counts]

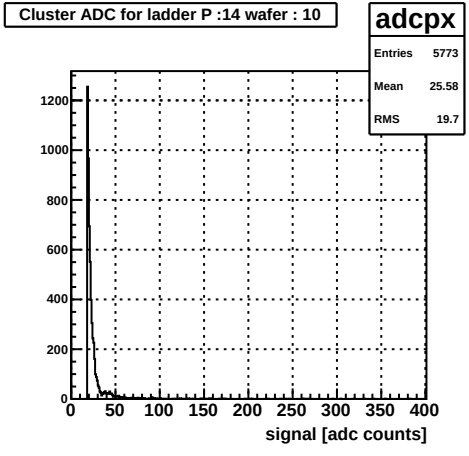

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 6264
Mean 29.57
RMS 18.55
signal [adc counts]

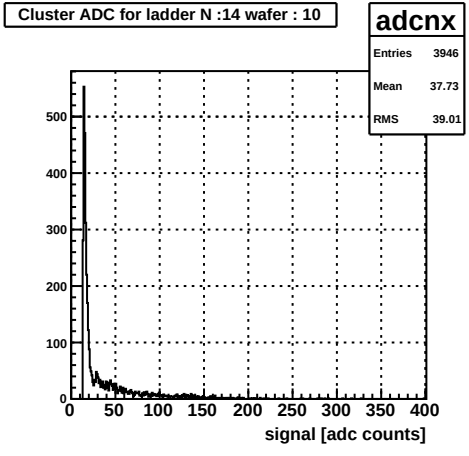

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4008
Mean 35.16
RMS 27.72
signal [adc counts]

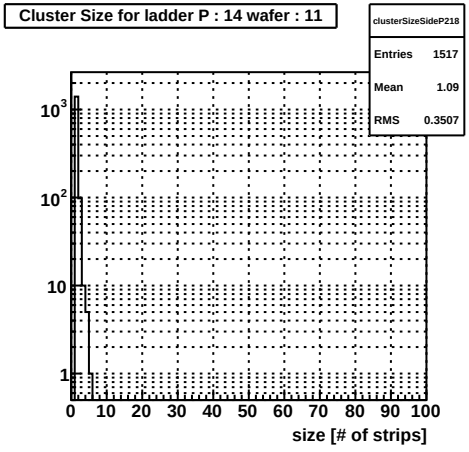

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 5773
Mean 1.07
RMS 0.2894
size [# of strips]

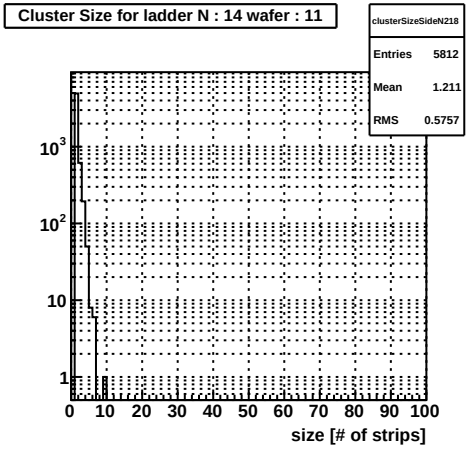

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 3946
Mean 1.355
RMS 0.6913
size [# of strips]

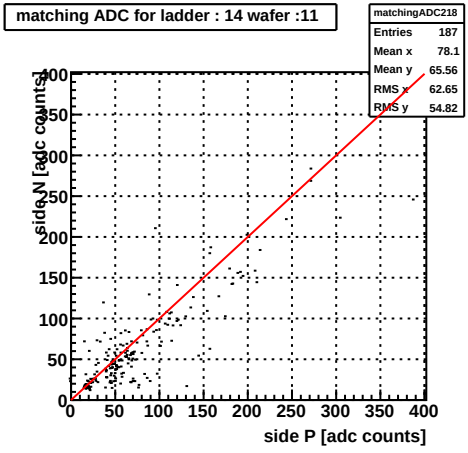

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 432
Mean x 41.26
Mean y 49.66
RMS x 46.08
RMS y 47.37
side N [adc counts]
side P [adc counts]

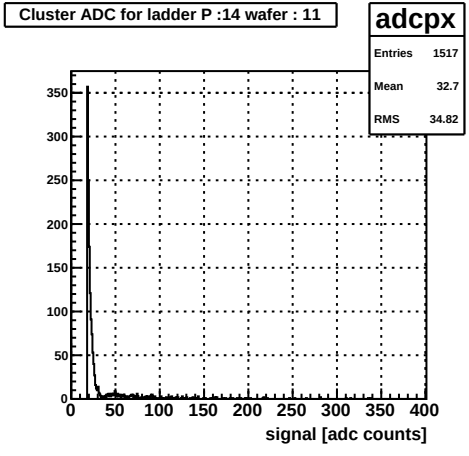

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 5773
Mean 25.58
RMS 19.7
signal [adc counts]

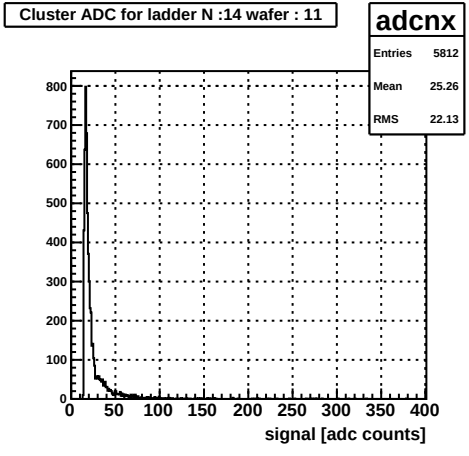

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 3946
Mean 37.73
RMS 39.01
signal [adc counts]

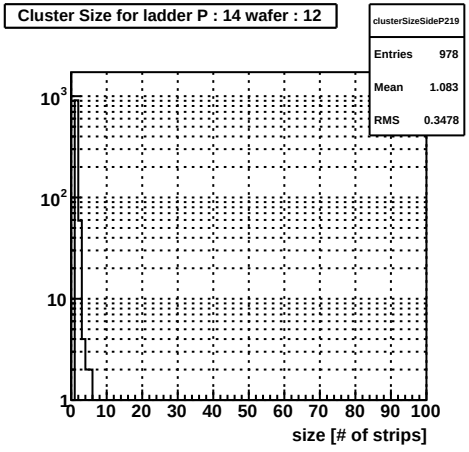

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1517
Mean 1.09
RMS 0.3507
size [# of strips]

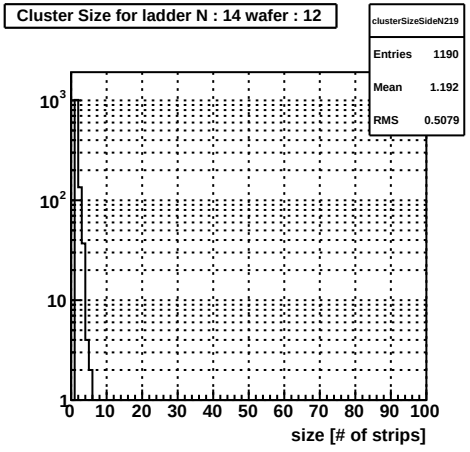

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 5812
Mean 1.211
RMS 0.5757
size [# of strips]

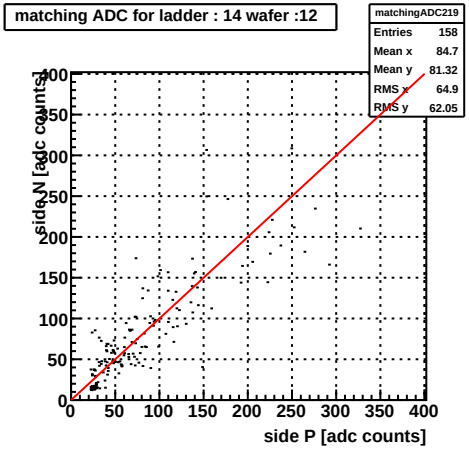

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 187
Mean x 78.1
Mean y 65.56
RMS x 62.65
RMS y 54.82
side N [adc counts]
side P [adc counts]

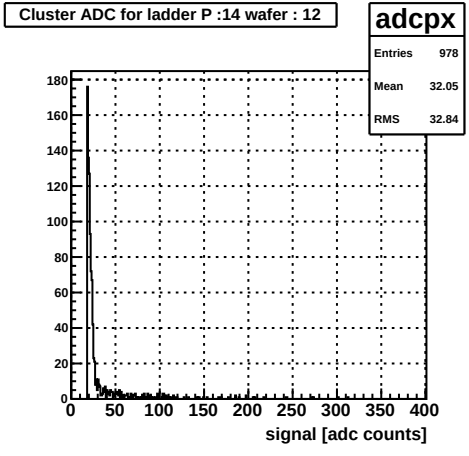

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1517
Mean 32.7
RMS 34.82
signal [adc counts]

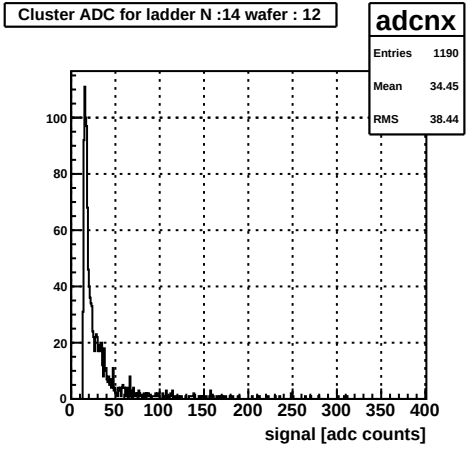

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 5812
Mean 25.26
RMS 22.13
signal [adc counts]

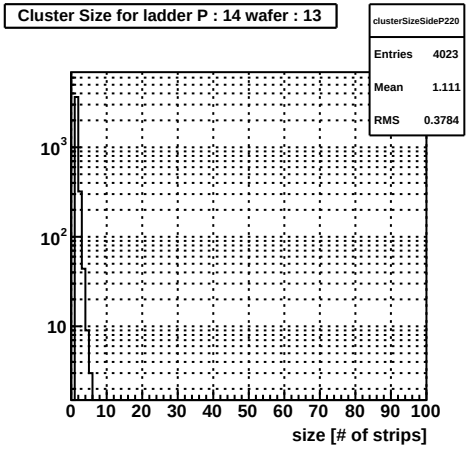

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 978
Mean 1.083
RMS 0.3478
size [# of strips]

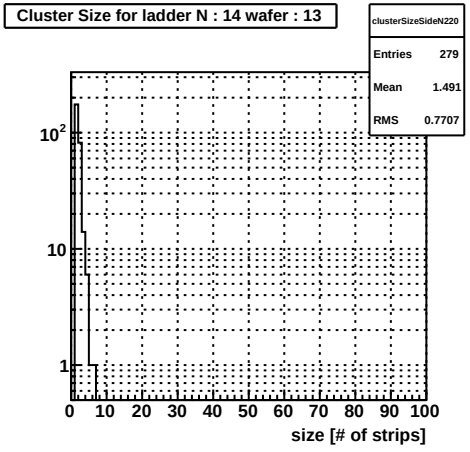

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1190
Mean 1.192
RMS 0.5079
size [# of strips]

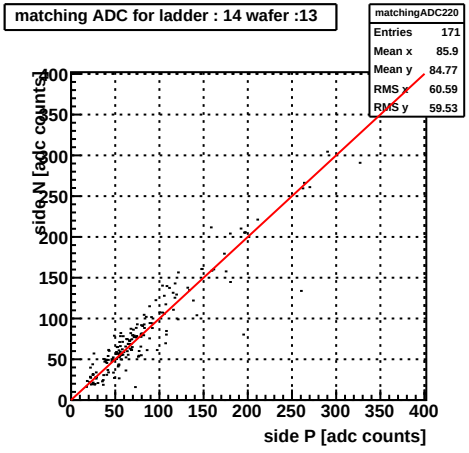

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 158
Mean x 84.7
Mean y 81.32
RMS x 64.9
RMS y 62.05
side N [adc counts]
side P [adc counts]

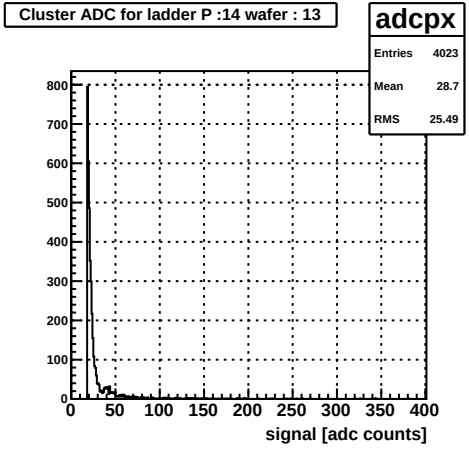

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 978
Mean 32.05
RMS 32.84
signal [adc counts]

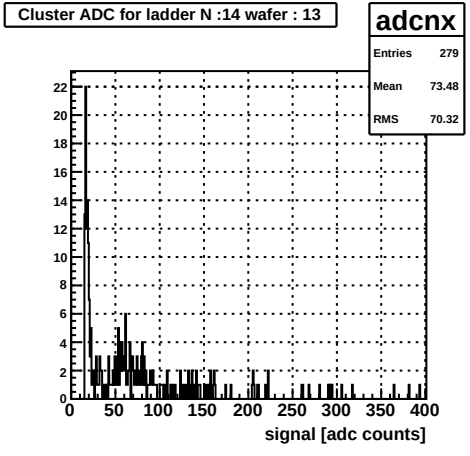

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1190
Mean 34.45
RMS 38.44
signal [adc counts]

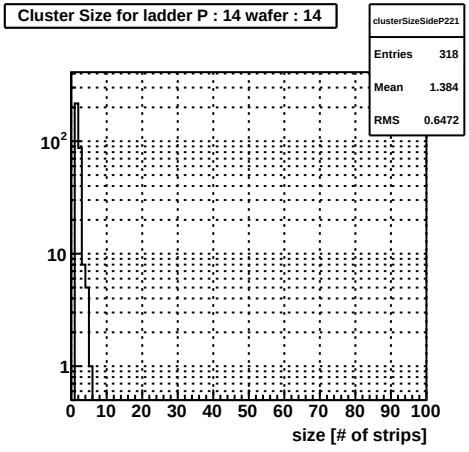

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 4023
Mean 1.111
RMS 0.3784
size [# of strips]

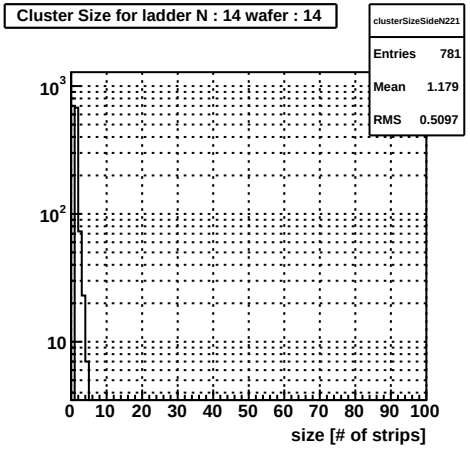

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 279
Mean 1.491
RMS 0.7707
size [# of strips]

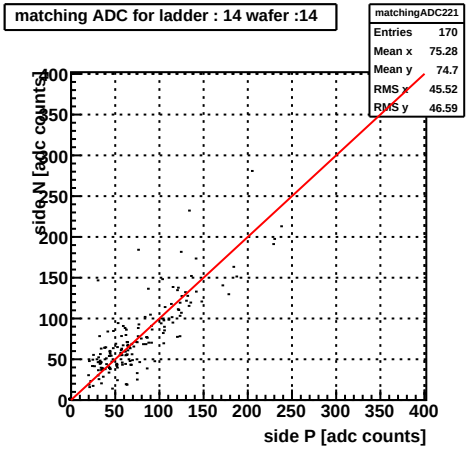

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 171
Mean x 85.9
Mean y 84.77
RMS x 60.59
RMS y 59.53
side N [adc counts]
side P [adc counts]

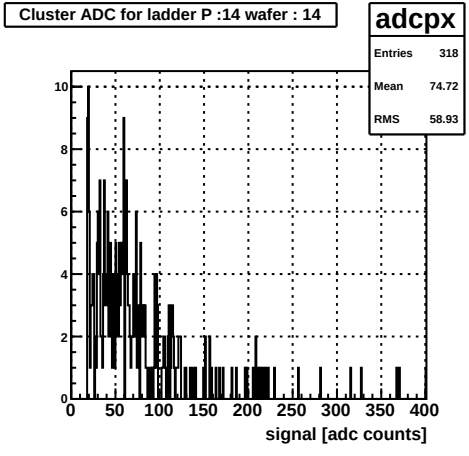

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 4023
Mean 28.7
RMS 25.49
signal [adc counts]

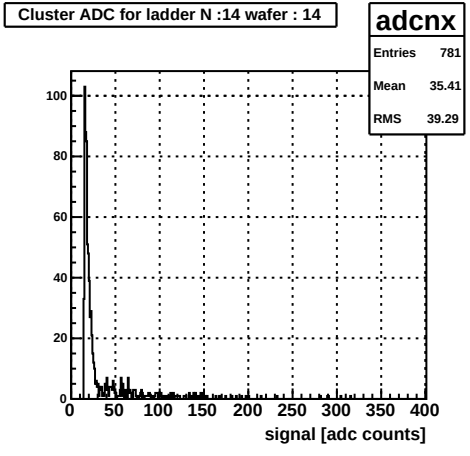

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 279
Mean 73.48
RMS 70.32
signal [adc counts]

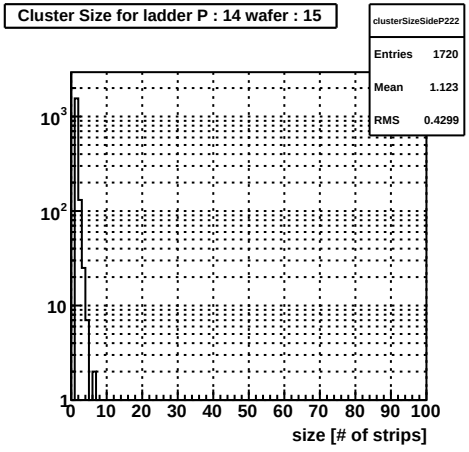

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 318
Mean 1.384
RMS 0.6472
size [# of strips]

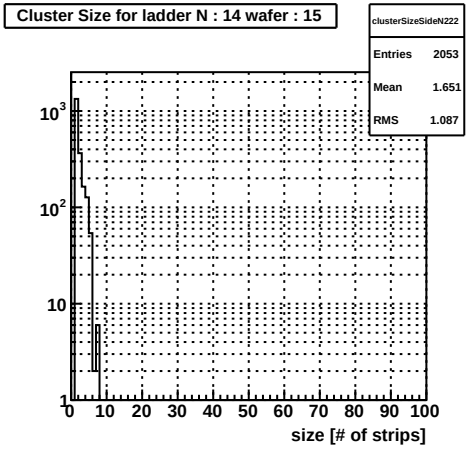

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 781
Mean 1.179
RMS 0.5097
size [# of strips]

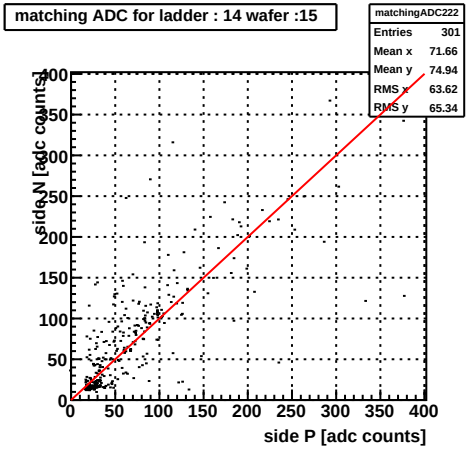

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 170
Mean x 75.28
Mean y 74.7
RMS x 45.52
RMS y 46.59
side N [adc counts]
side P [adc counts]

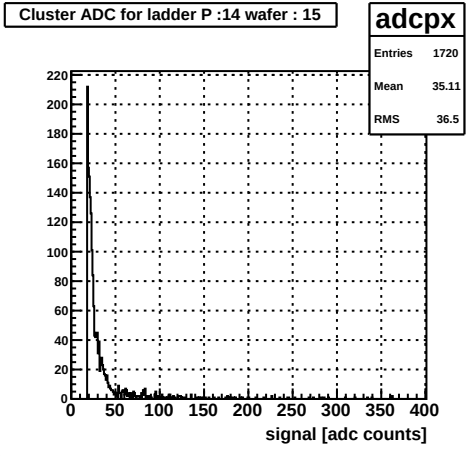

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 318
Mean 74.72
RMS 58.93
signal [adc counts]

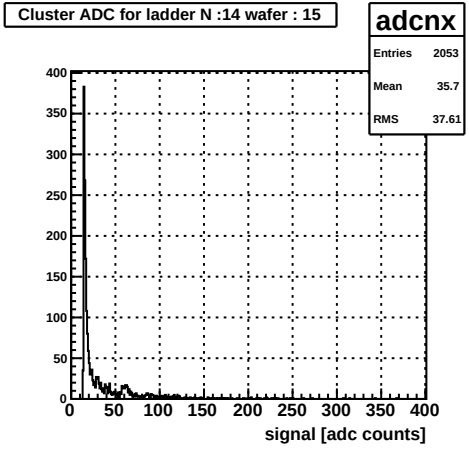

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 781
Mean 35.41
RMS 39.29
signal [adc counts]

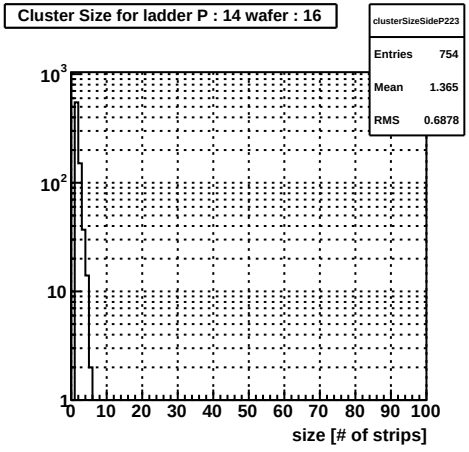

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1720
Mean 1.123
RMS 0.4299
size [# of strips]

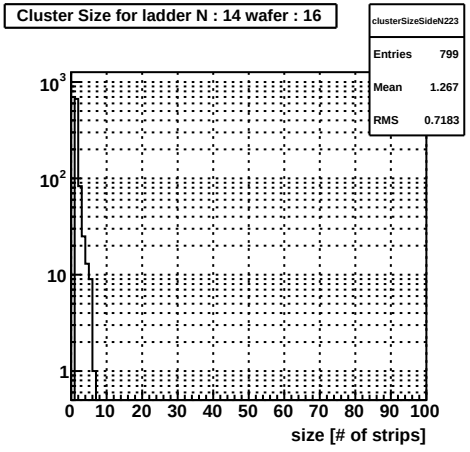

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2053
Mean 1.651
RMS 1.087
size [# of strips]

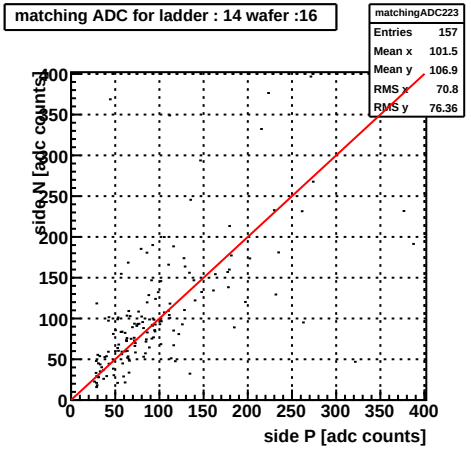

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 301
Mean x 71.66
Mean y 74.94
RMS x 63.62
RMS y 65.34
side N [adc counts]
side P [adc counts]

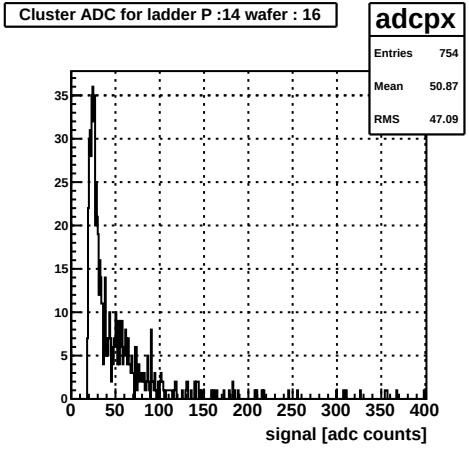

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1720
Mean 35.11
RMS 36.5
signal [adc counts]

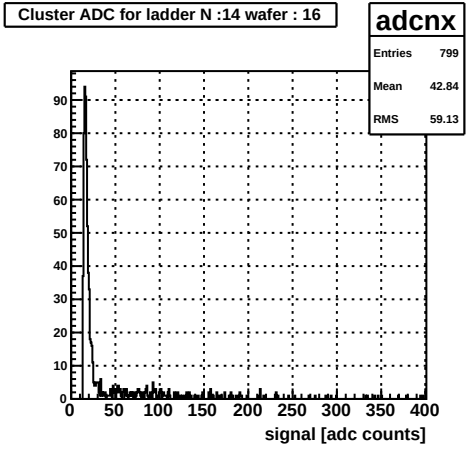

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2053
Mean 35.7
RMS 37.61
signal [adc counts]

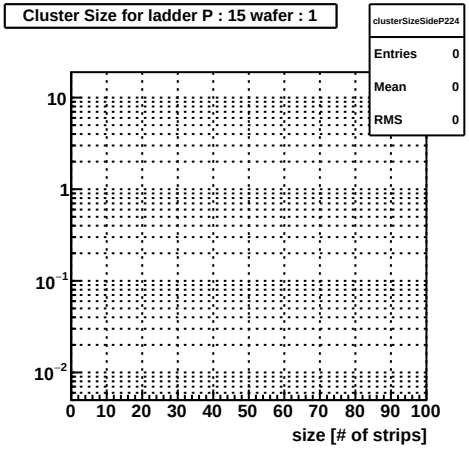

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 754
Mean 1.365
RMS 0.6878
size [# of strips]

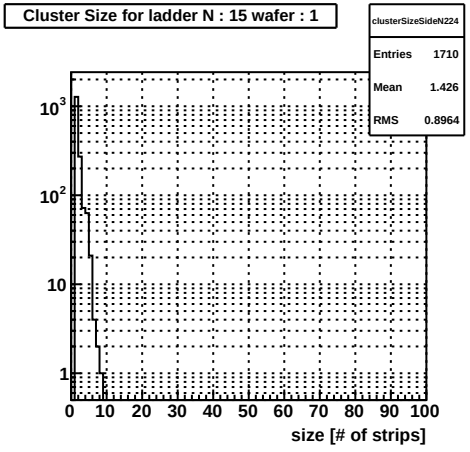

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 799
Mean 1.267
RMS 0.7183
size [# of strips]

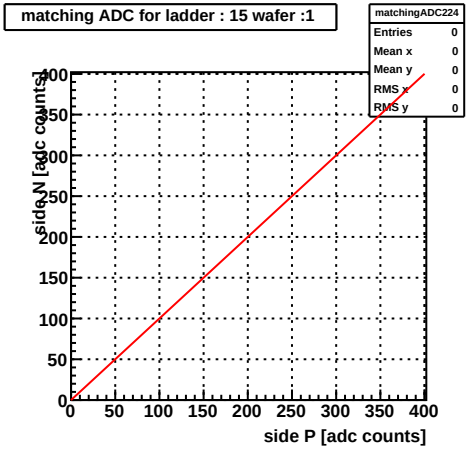

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 157
Mean x 101.5
Mean y 106.9
RMS x 70.8
RMS y 76.36
side N [adc counts]
side P [adc counts]

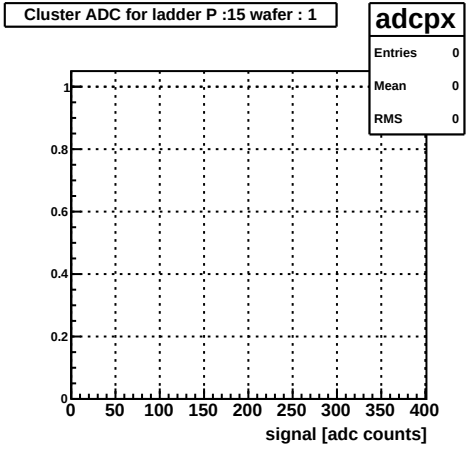

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 754
Mean 50.87
RMS 47.09
signal [adc counts]

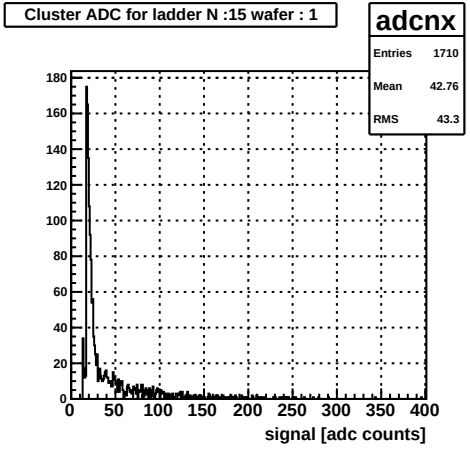

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 799
Mean 42.84
RMS 59.13
signal [adc counts]

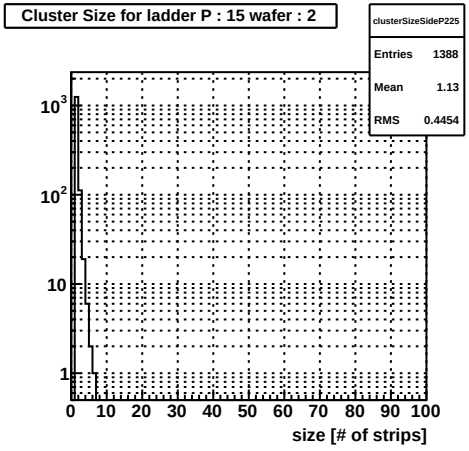

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

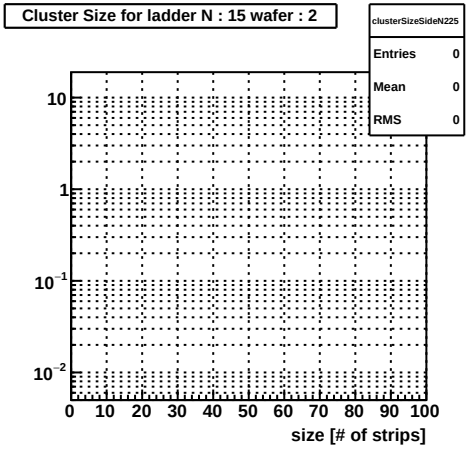

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1710
Mean 1.426
RMS 0.8964
size [# of strips]

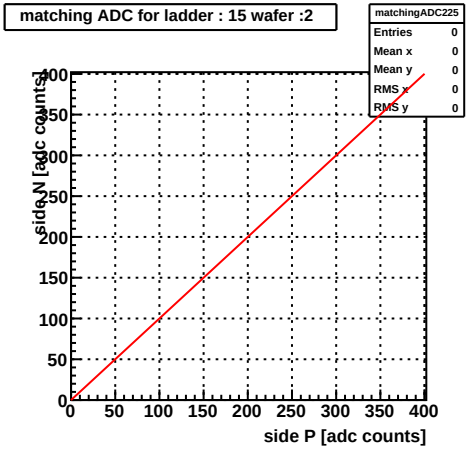

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

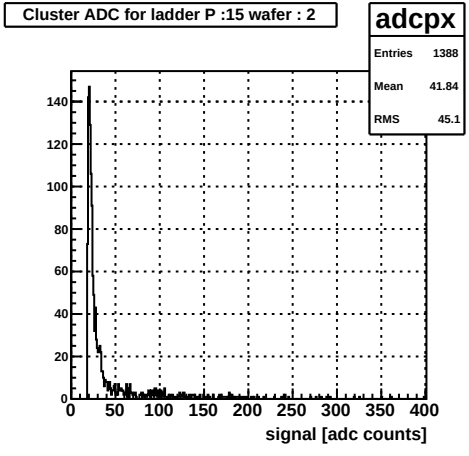

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

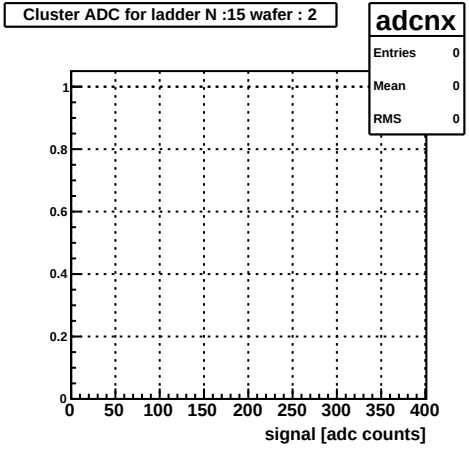

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1710
Mean 42.76
RMS 43.3
signal [adc counts]

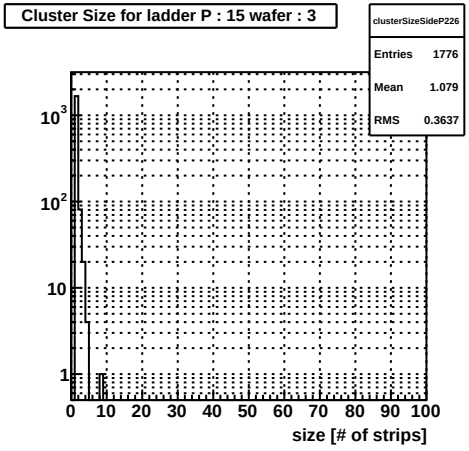

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1388
Mean 1.13
RMS 0.4454
size [# of strips]

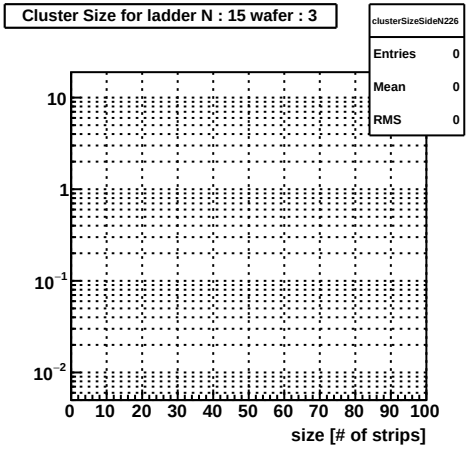

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

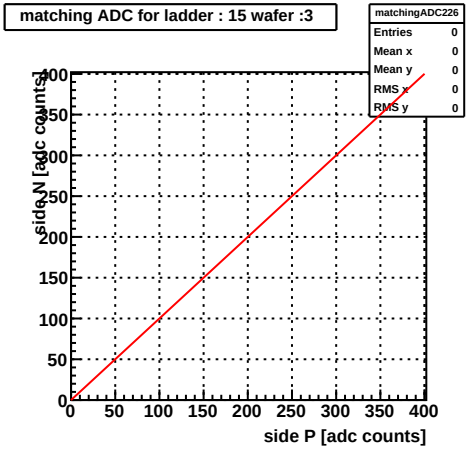

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

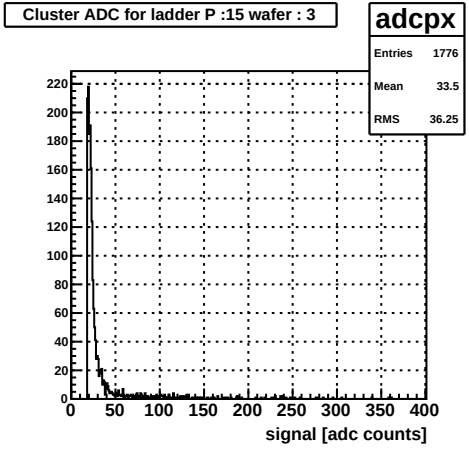

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1388
Mean 41.84
RMS 45.1
signal [adc counts]

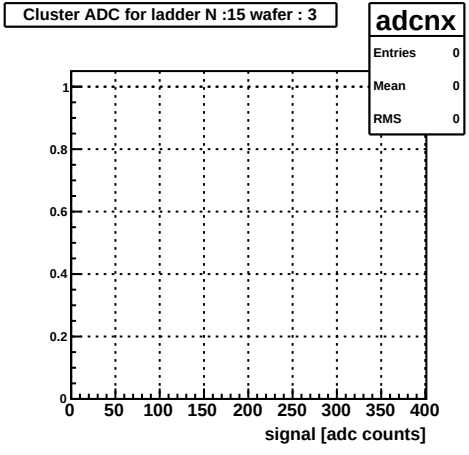

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

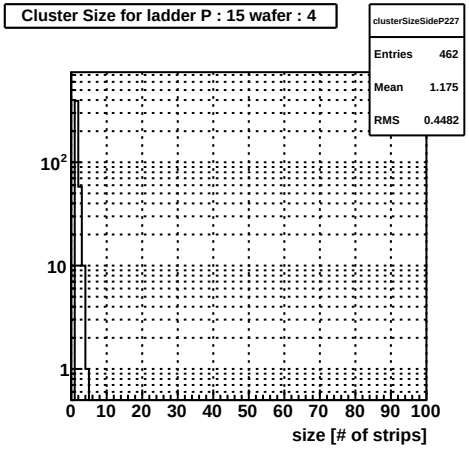

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1776
Mean 1.079
RMS 0.3637
size [# of strips]

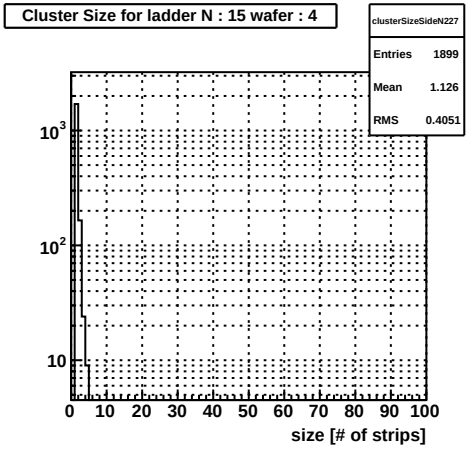

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

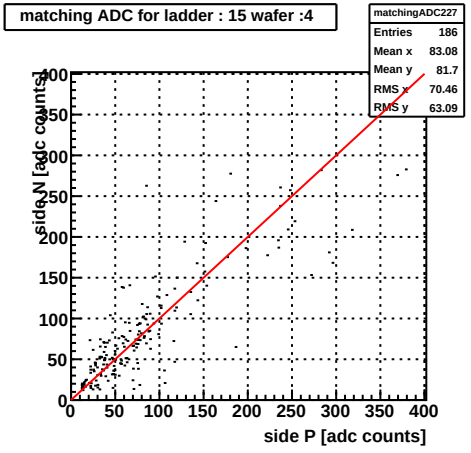

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

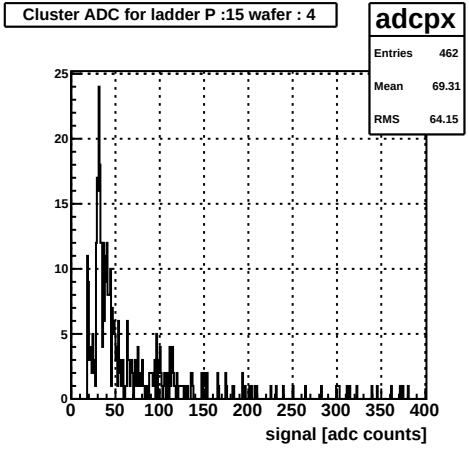

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1776
Mean 33.5
RMS 36.25
signal [adc counts]

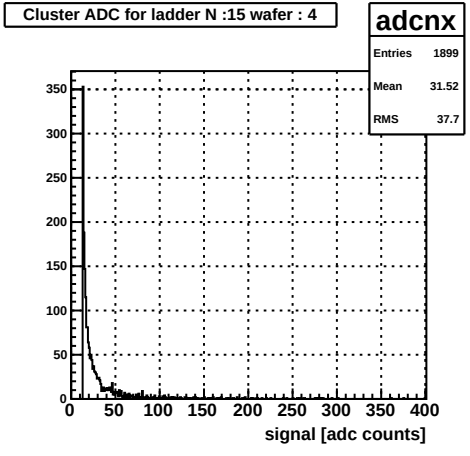

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

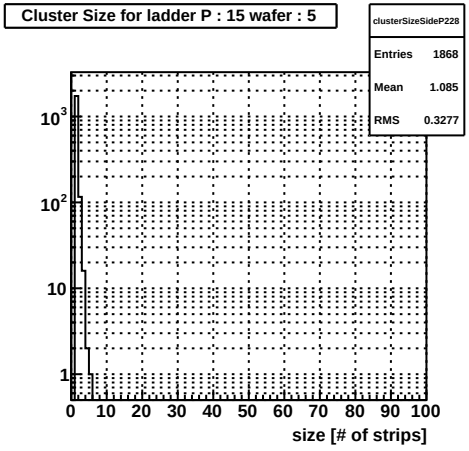

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 462
Mean 1.175
RMS 0.4482
size [# of strips]

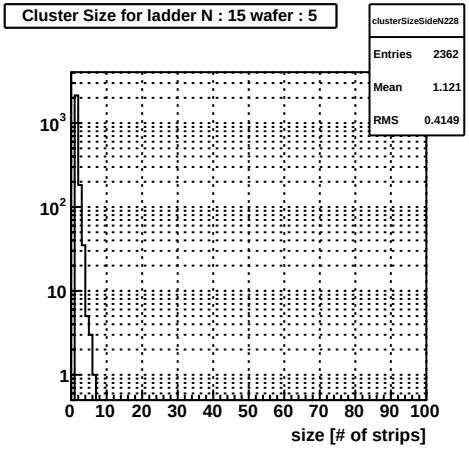

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1899
Mean 1.126
RMS 0.4051
size [# of strips]

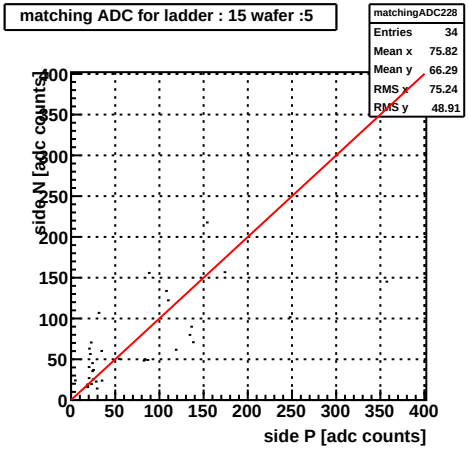

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 186
Mean x 83.08
Mean y 81.7
RMS x 70.46
RMS y 63.09
side N [adc counts]
side P [adc counts]

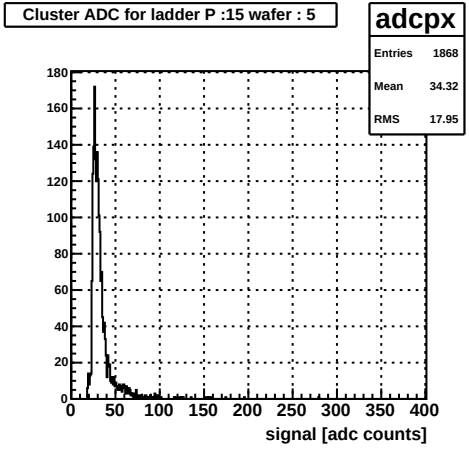

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 462
Mean 69.31
RMS 64.15
signal [adc counts]

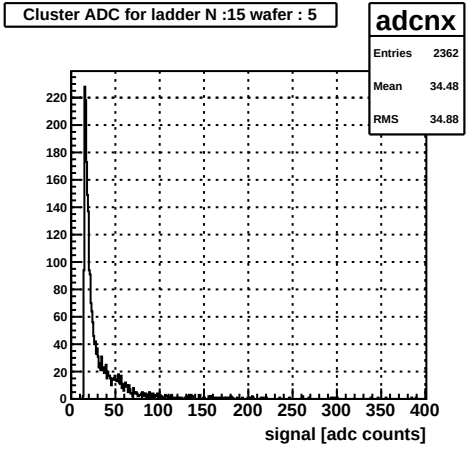

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1899
Mean 31.52
RMS 37.7
signal [adc counts]

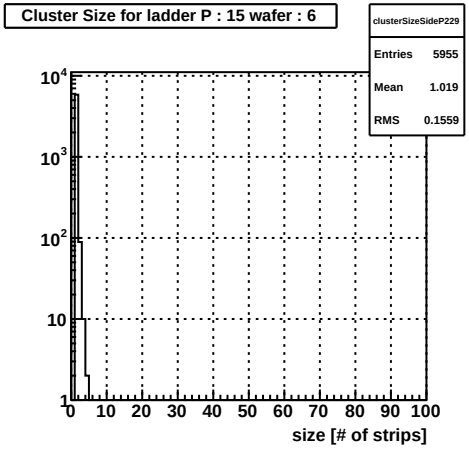

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1868
Mean 1.085
RMS 0.3277
size [# of strips]

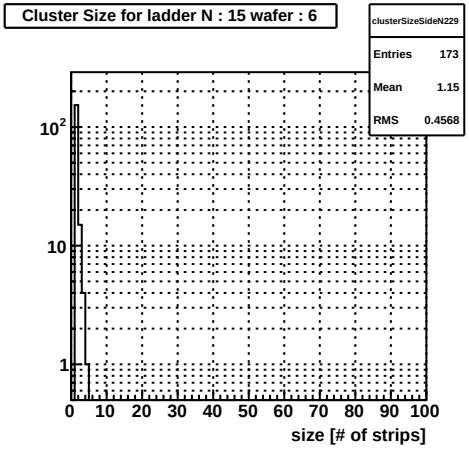

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2362
Mean 1.121
RMS 0.4149
size [# of strips]

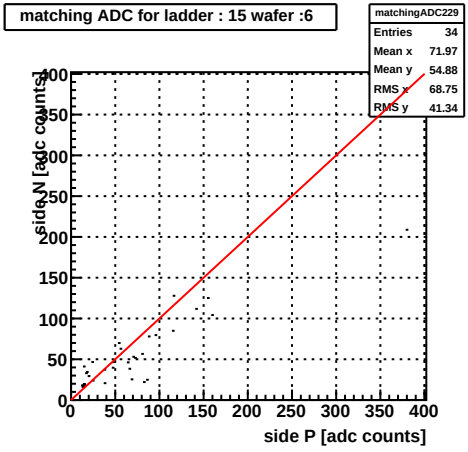

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 34
Mean x 75.82
Mean y 66.29
RMS x 75.24
RMS y 48.91
side N [adc counts]
side P [adc counts]

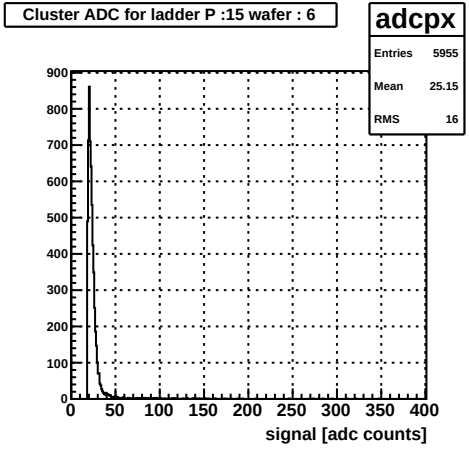

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1868
Mean 34.32
RMS 17.95
signal [adc counts]

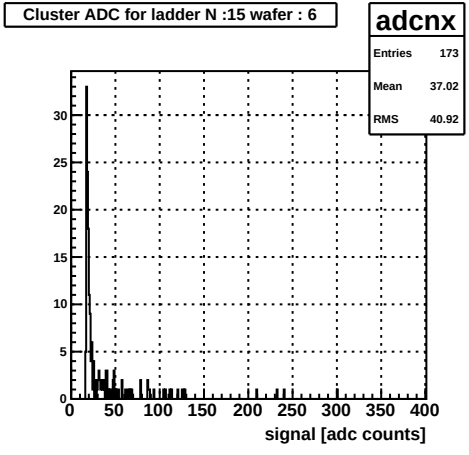

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2362
Mean 34.48
RMS 34.88
signal [adc counts]

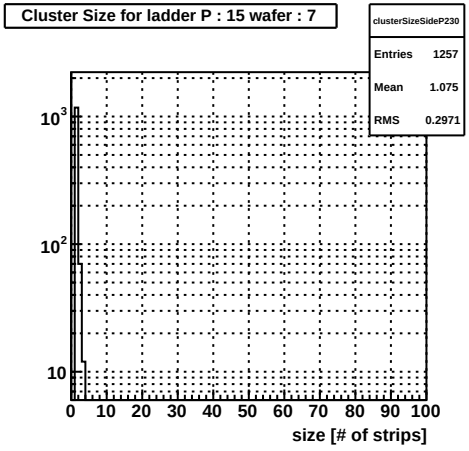

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 5955
Mean 1.019
RMS 0.1559
size [# of strips]

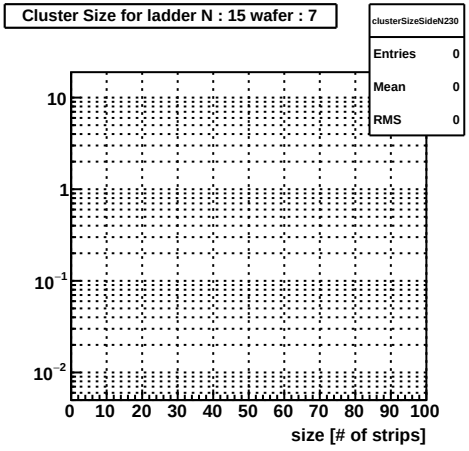

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 173
Mean 1.15
RMS 0.4568
size [# of strips]

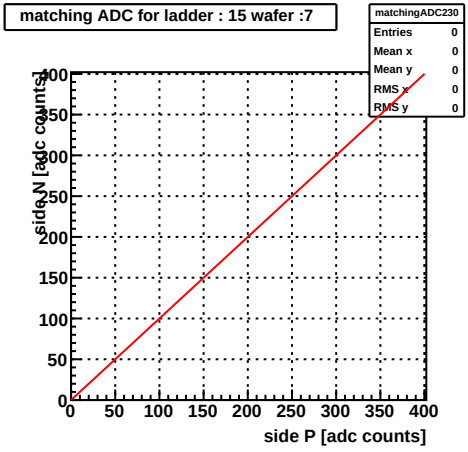

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 34
Mean x 71.97
Mean y 54.88
RMS x 68.75
RMS y 41.34
side N [adc counts]
side P [adc counts]

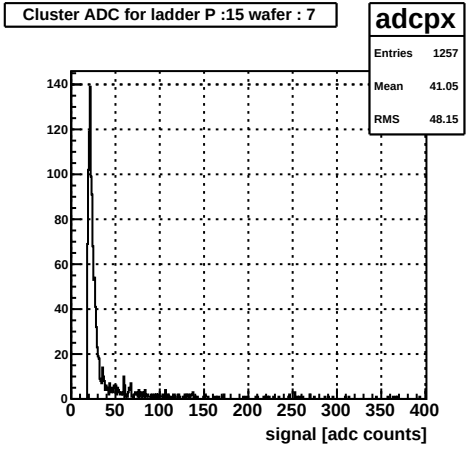

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 5955
Mean 25.15
RMS 16
signal [adc counts]

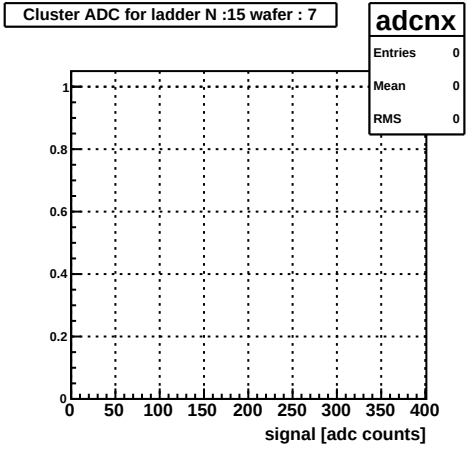

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 173
Mean 37.02
RMS 40.92
signal [adc counts]

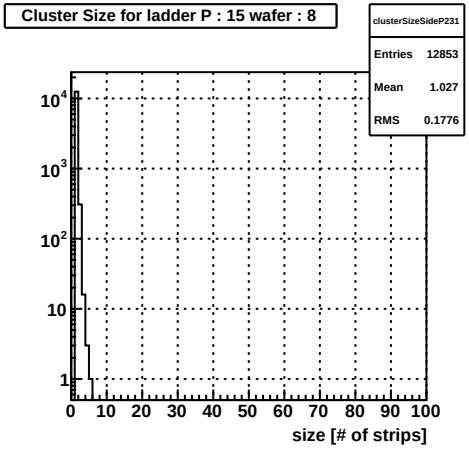

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1257
Mean 1.075
RMS 0.2971
size [# of strips]

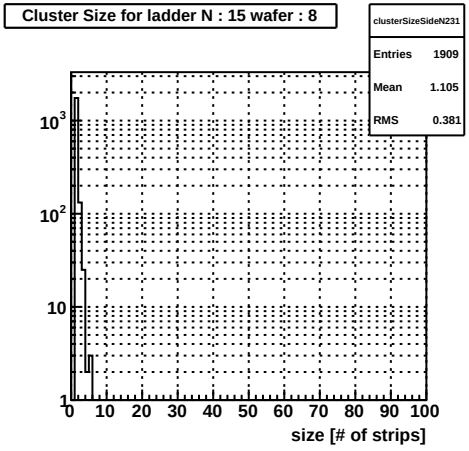

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

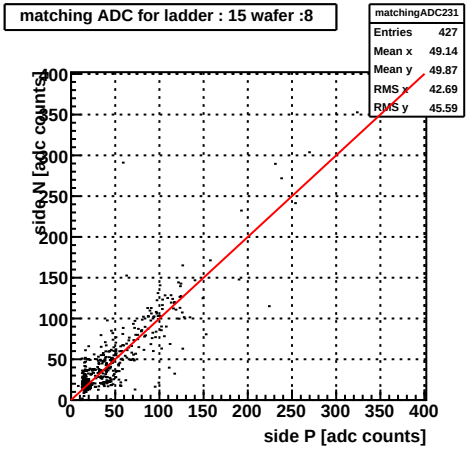

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

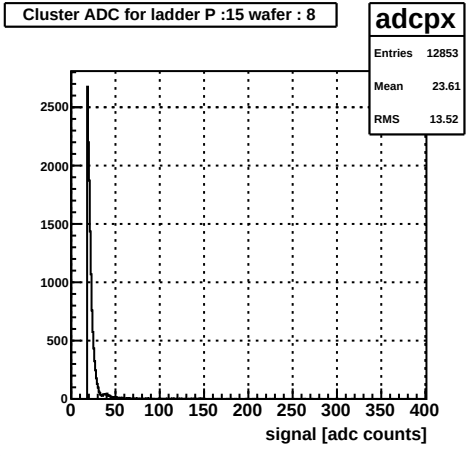

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1257
Mean 41.05
RMS 48.15
signal [adc counts]

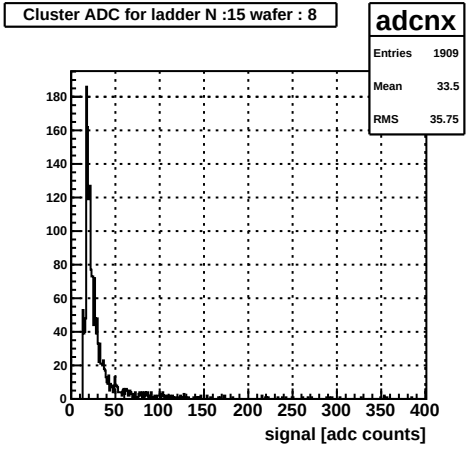

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

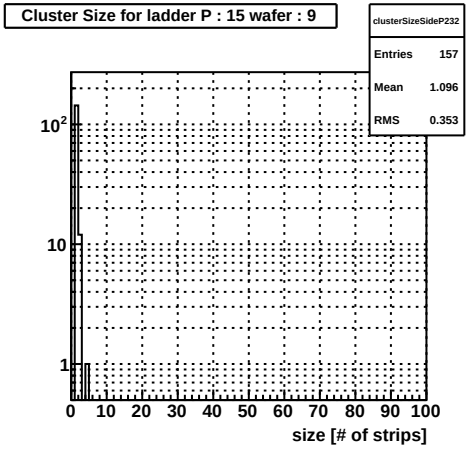

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 12853
Mean 1.027
RMS 0.1776
size [# of strips]

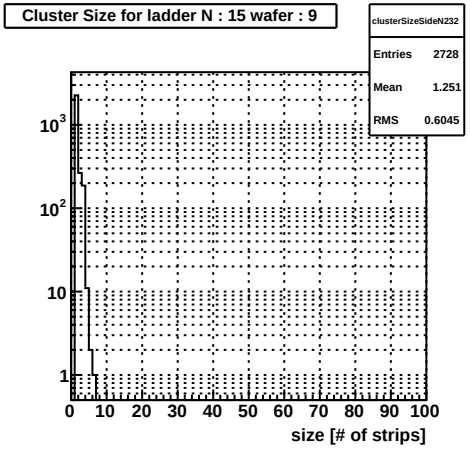

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1909
Mean 1.105
RMS 0.381
size [# of strips]

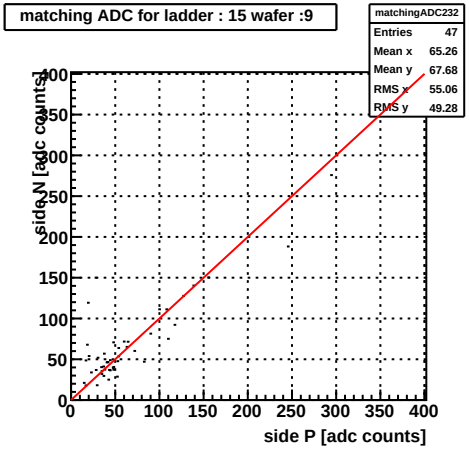

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 427
Mean x 49.14
Mean y 49.87
RMS x 42.69
RMS y 45.59
side N [adc counts]
side P [adc counts]

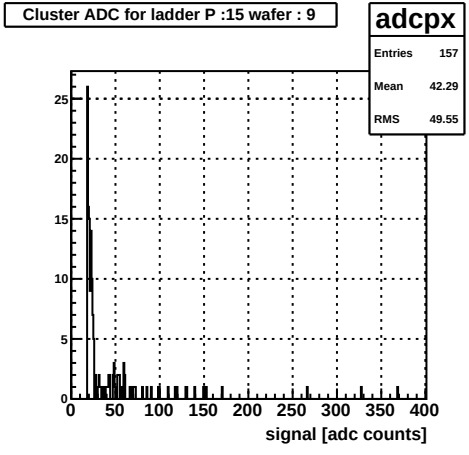

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 12853
Mean 23.61
RMS 13.52
signal [adc counts]

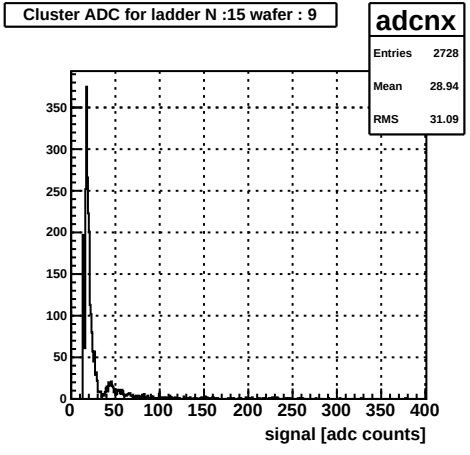

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1909
Mean 33.5
RMS 35.75
signal [adc counts]

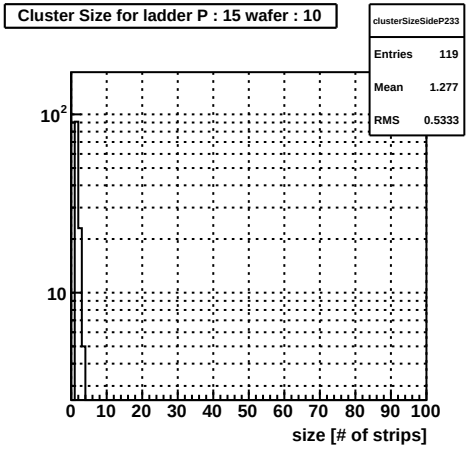

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 157
Mean 1.096
RMS 0.353
size [# of strips]

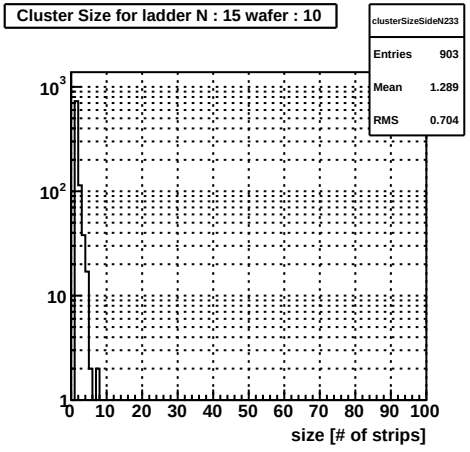

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2728
Mean 1.251
RMS 0.6045
size [# of strips]

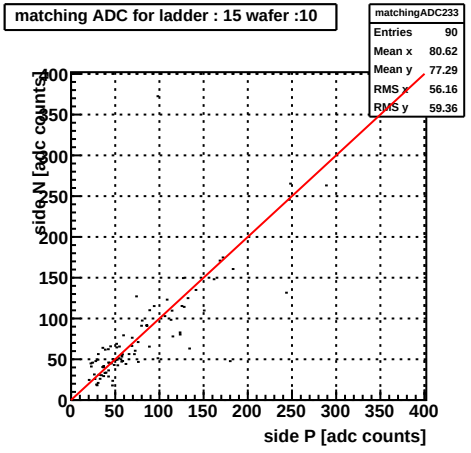

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 47
Mean x 65.26
Mean y 67.68
RMS x 55.06
RMS y 49.28
side N [adc counts]
side P [adc counts]

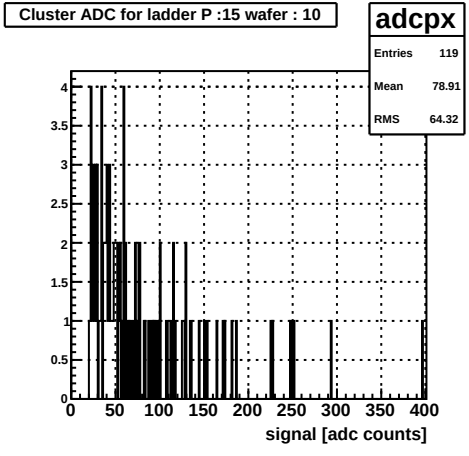

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 157
Mean 42.29
RMS 49.55
signal [adc counts]

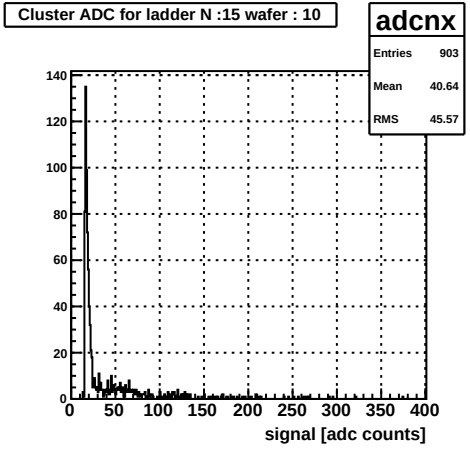

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2728
Mean 28.94
RMS 31.09
signal [adc counts]

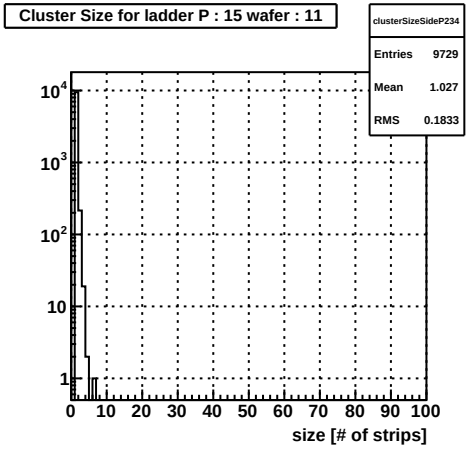

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 119
Mean 1.277
RMS 0.5333
size [# of strips]

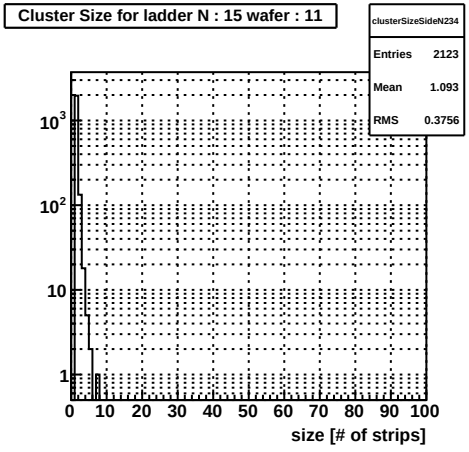

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 903
Mean 1.289
RMS 0.704
size [# of strips]

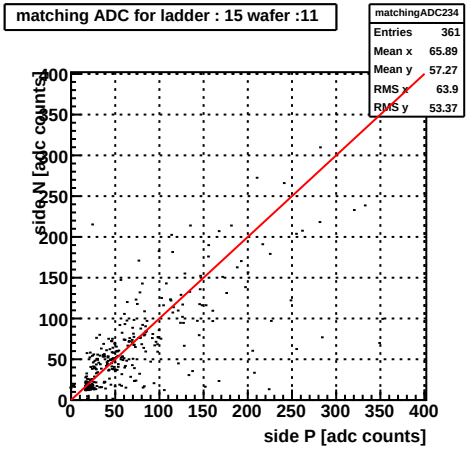

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 90
Mean x 80.62
Mean y 77.29
RMS x 56.16
RMS y 59.36
side N [adc counts]
side P [adc counts]

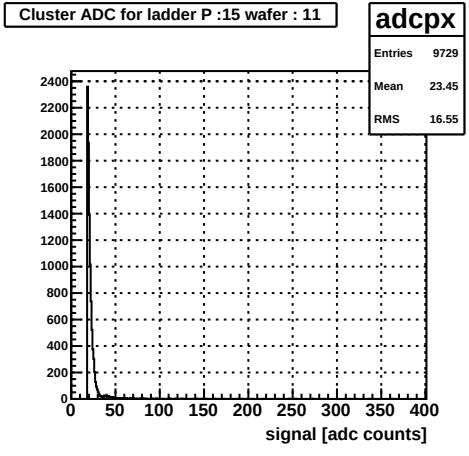

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 119
Mean 78.91
RMS 64.32
signal [adc counts]

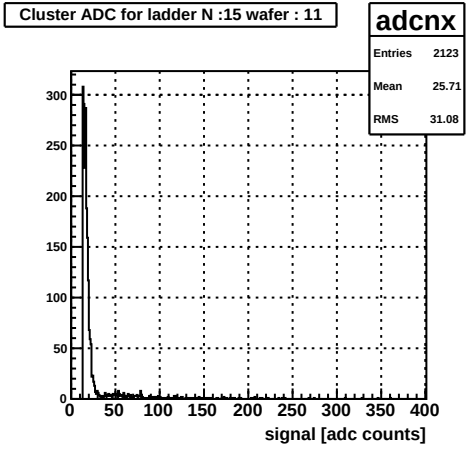

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 903
Mean 40.64
RMS 45.57
signal [adc counts]

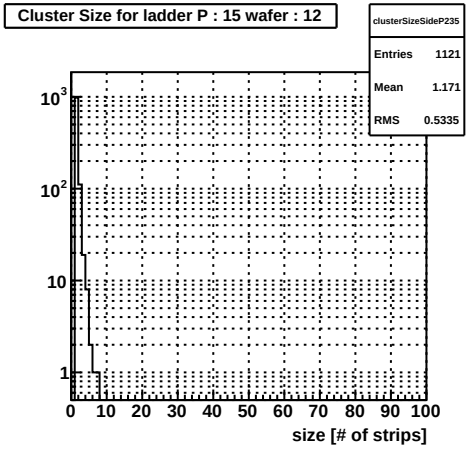

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 9729
Mean 1.027
RMS 0.1833
size [# of strips]

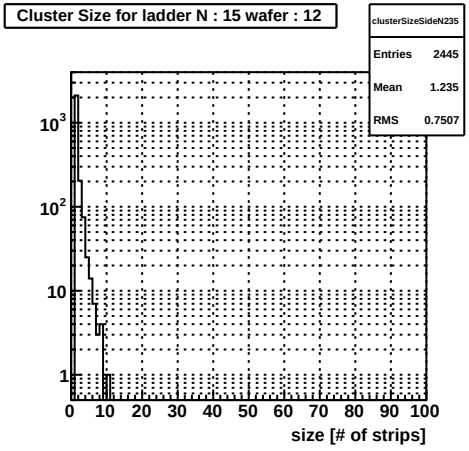

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2123
Mean 1.093
RMS 0.3756
size [# of strips]

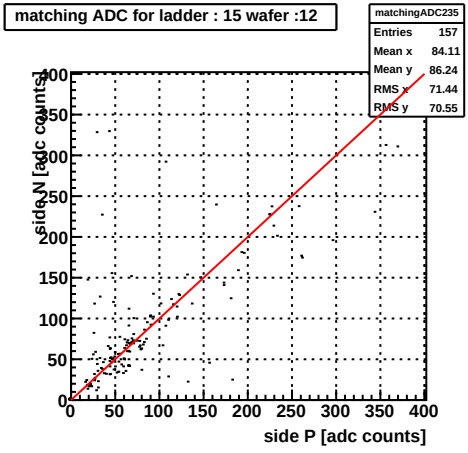

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 361
Mean x 65.89
Mean y 57.27
RMS x 63.9
RMS y 53.37
side N [adc counts]
side P [adc counts]

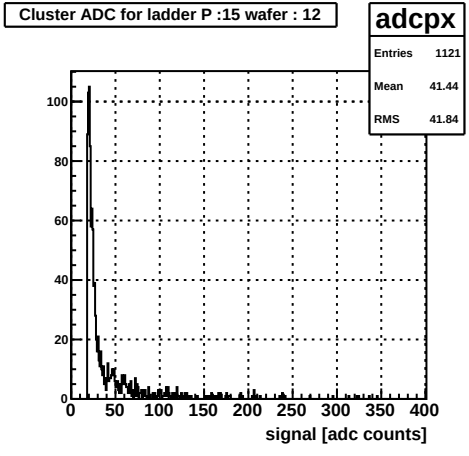

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 9729
Mean 23.45
RMS 16.55
signal [adc counts]

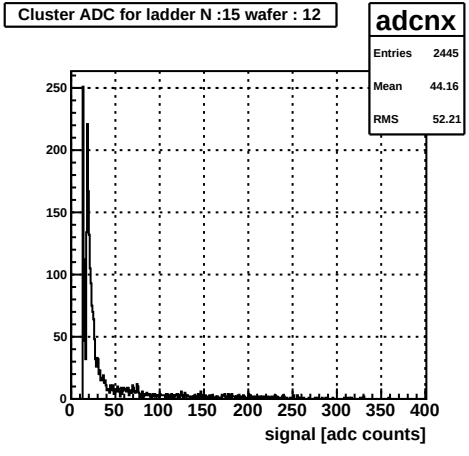

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2123
Mean 25.71
RMS 31.08
signal [adc counts]

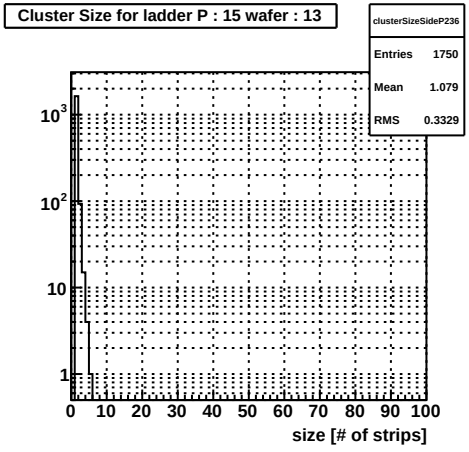

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1121
Mean 1.171
RMS 0.5335
size [# of strips]

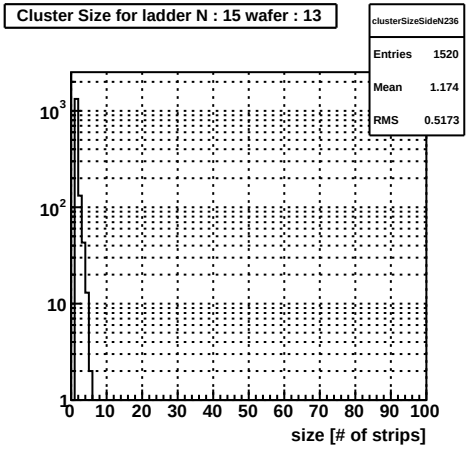

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 2445
Mean 1.235
RMS 0.7507
size [# of strips]

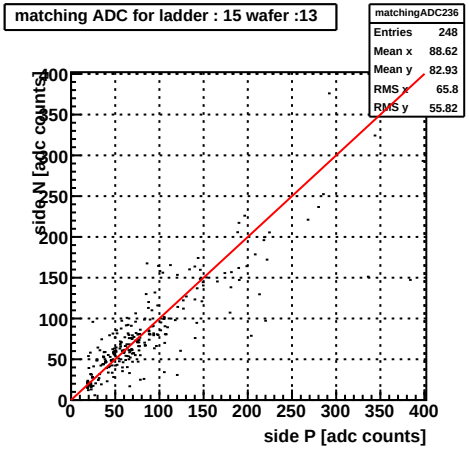

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 157
Mean x 84.11
Mean y 86.24
RMS x 71.44
RMS y 70.55
side N [adc counts]
side P [adc counts]

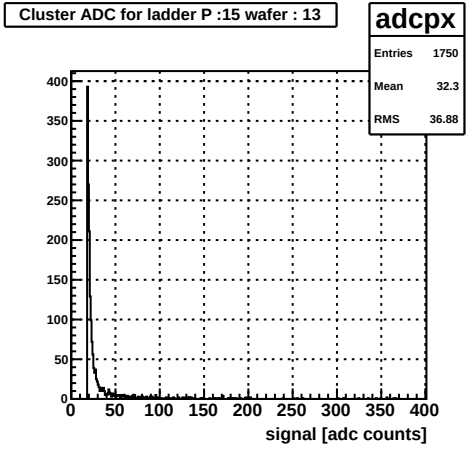

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1121
Mean 41.44
RMS 41.84
signal [adc counts]

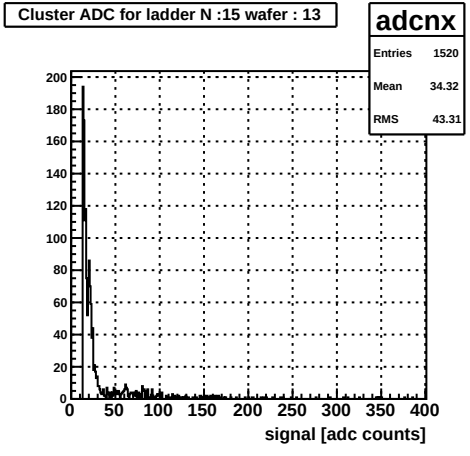

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 2445
Mean 44.16
RMS 52.21
signal [adc counts]

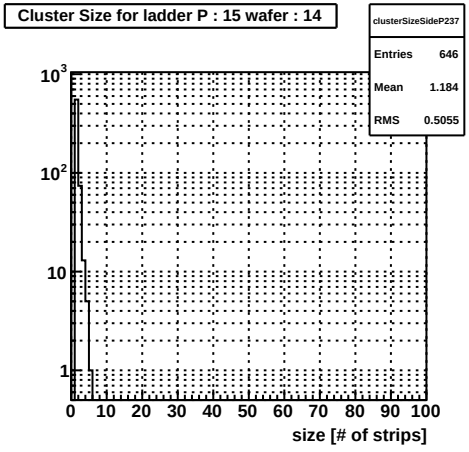

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1750
Mean 1.079
RMS 0.3329
size [# of strips]

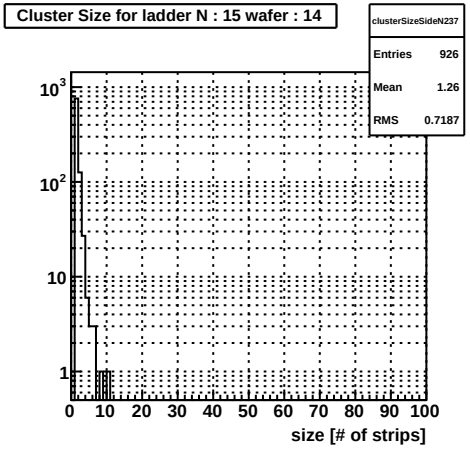

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1520
Mean 1.174
RMS 0.5173
size [# of strips]

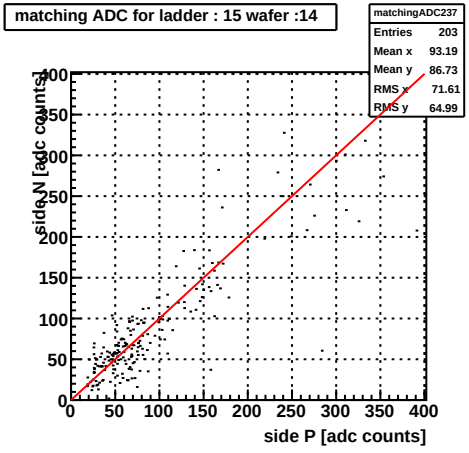

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 248
Mean x 88.62
Mean y 82.93
RMS x 65.8
RMS y 55.82
side N [adc counts]
side P [adc counts]

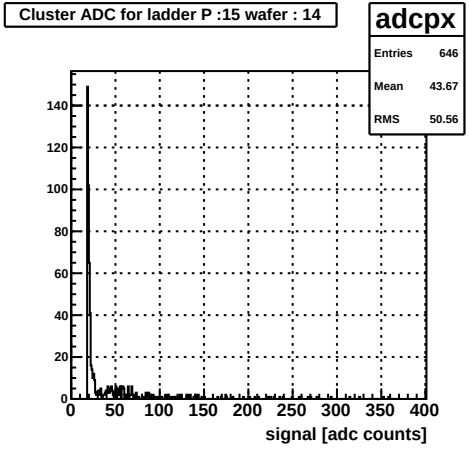

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1750
Mean 32.3
RMS 36.88
signal [adc counts]

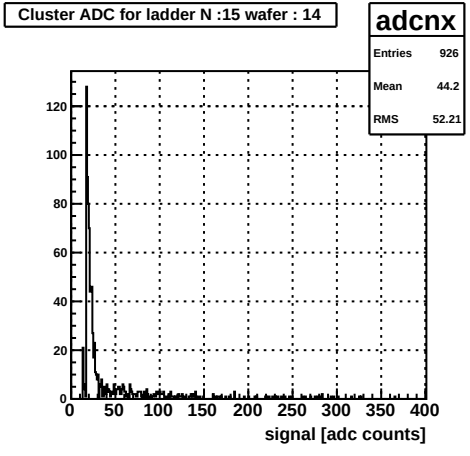

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1520
Mean 34.32
RMS 43.31
signal [adc counts]

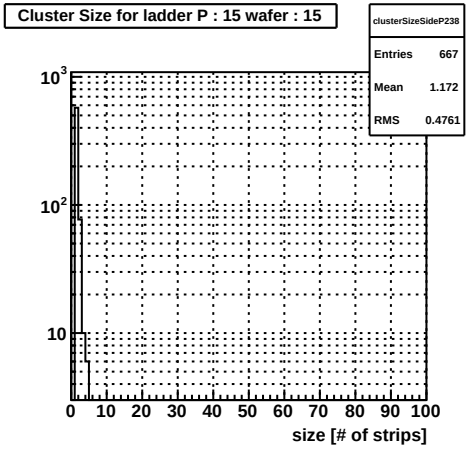

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 646
Mean 1.184
RMS 0.5055
size [# of strips]

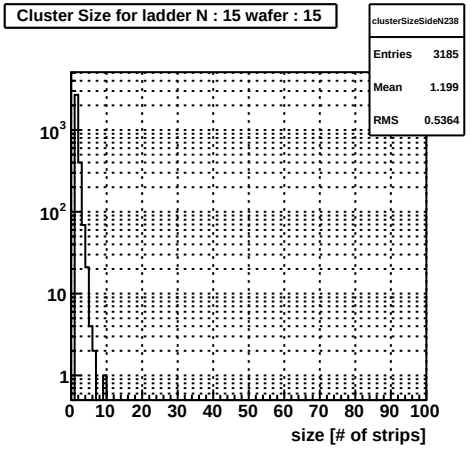

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 926
Mean 1.26
RMS 0.7187
size [# of strips]

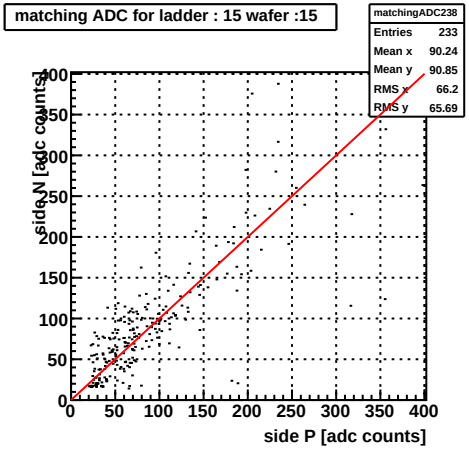

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 203
Mean x 93.19
Mean y 86.73
RMS x 71.61
RMS y 64.99
side N [adc counts]
side P [adc counts]

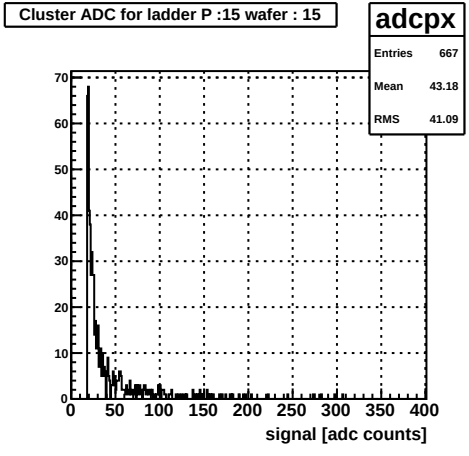

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 646
Mean 43.67
RMS 50.56
signal [adc counts]

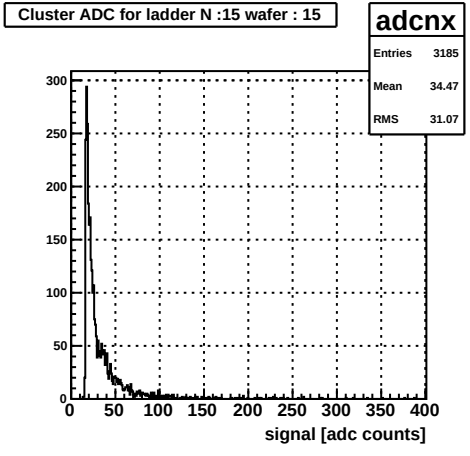

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 926
Mean 44.2
RMS 52.21
signal [adc counts]

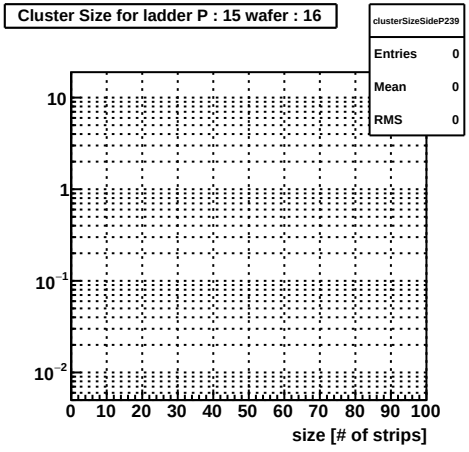

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 667
Mean 1.172
RMS 0.4761
size [# of strips]

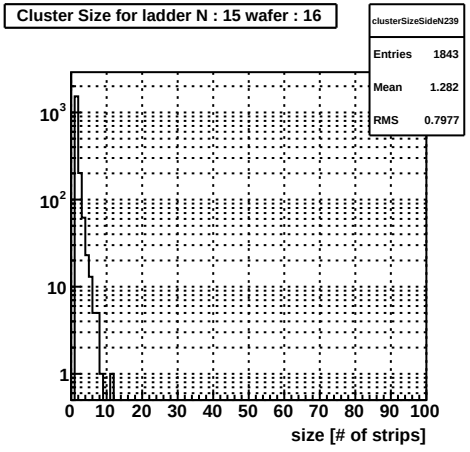

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3185
Mean 1.199
RMS 0.5364
size [# of strips]

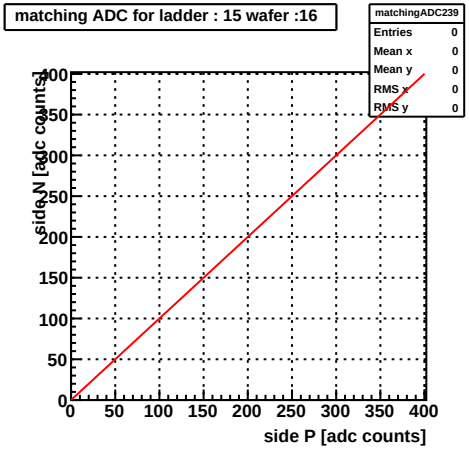

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 233
Mean x 90.24
Mean y 90.85
RMS x 66.2
RMS y 65.69
side N [adc counts]
side P [adc counts]

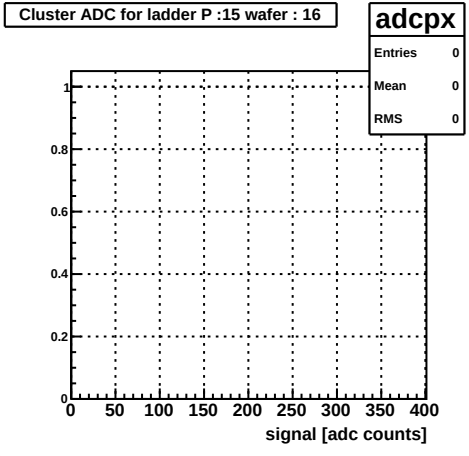

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 667
Mean 43.18
RMS 41.09
signal [adc counts]

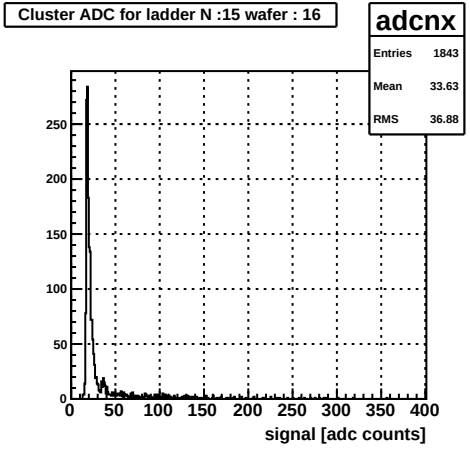

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3185
Mean 34.47
RMS 31.07
signal [adc counts]

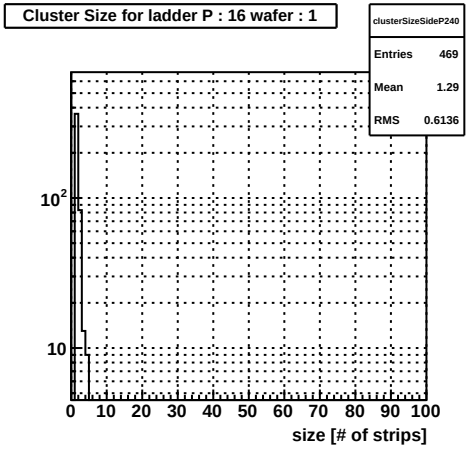

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

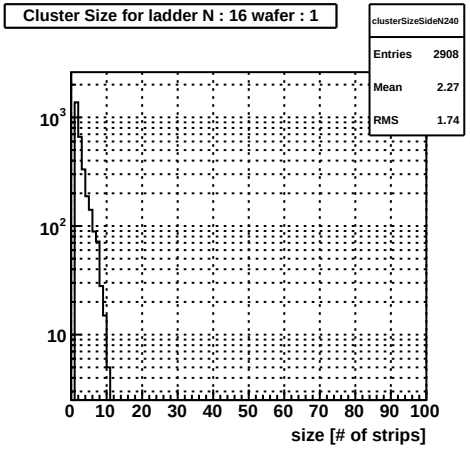

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1843
Mean 1.282
RMS 0.7977
size [# of strips]

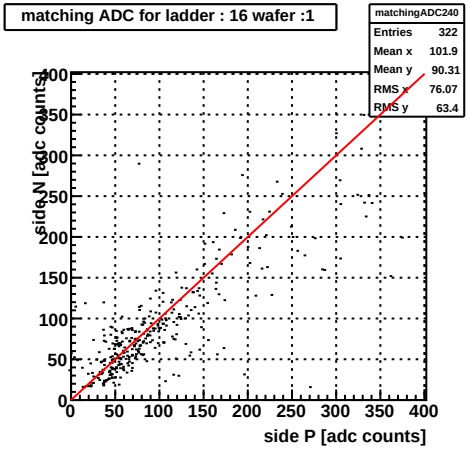

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

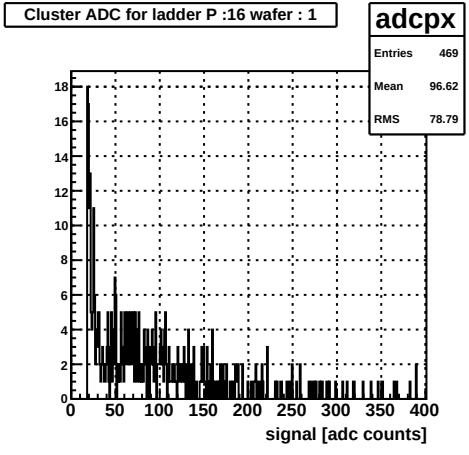

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

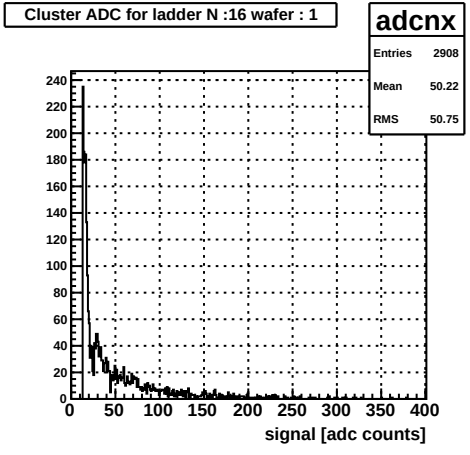

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1843
Mean 33.63
RMS 36.88
signal [adc counts]

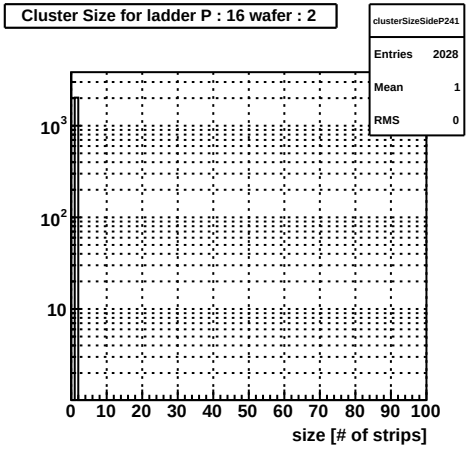

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 469
Mean 1.29
RMS 0.6136
size [# of strips]

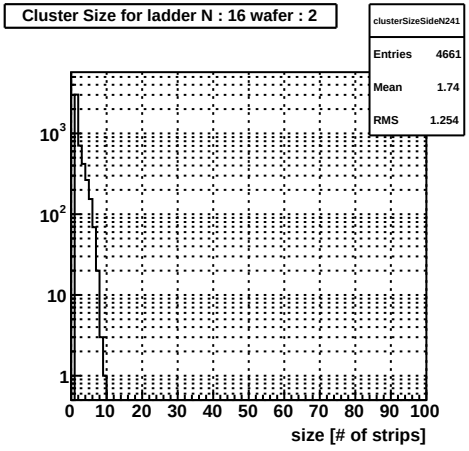

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2908
Mean 2.27
RMS 1.74
size [# of strips]

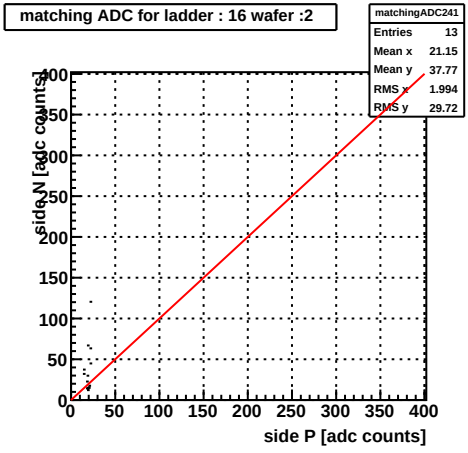

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 322
Mean x 101.9
Mean y 90.31
RMS x 76.07
RMS y 63.4
side N [adc counts]
side P [adc counts]

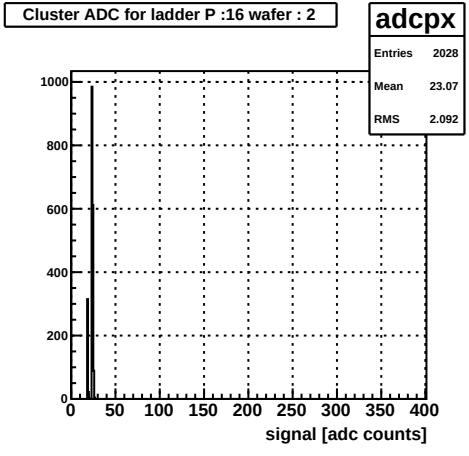

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 469
Mean 96.62
RMS 78.79
signal [adc counts]

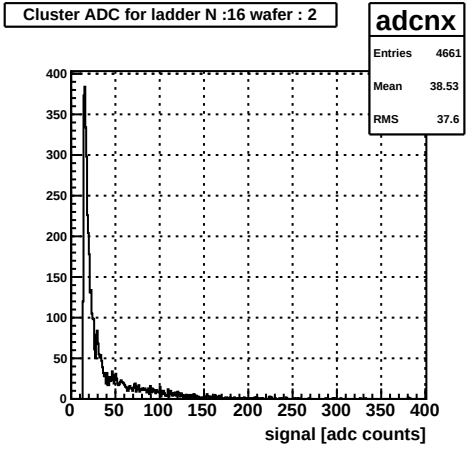

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2908
Mean 50.22
RMS 50.75
signal [adc counts]

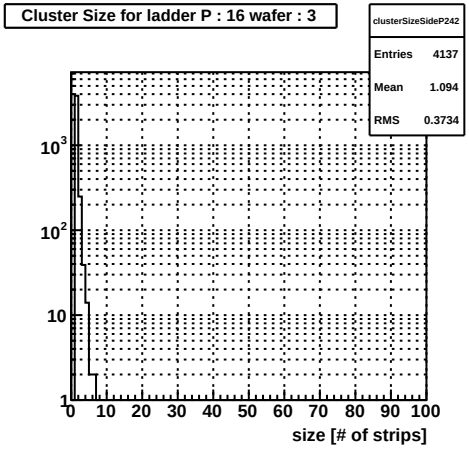

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 2028
Mean 1
RMS 0
size [# of strips]

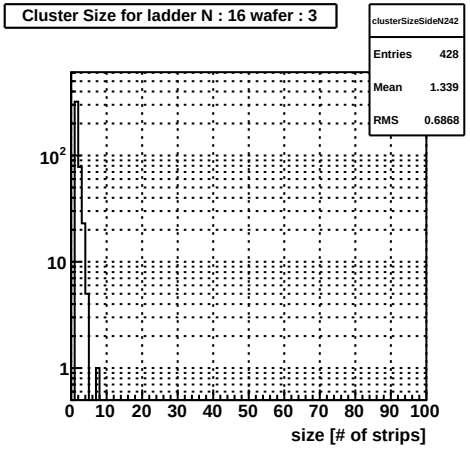

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 4661
Mean 1.74
RMS 1.254
size [# of strips]

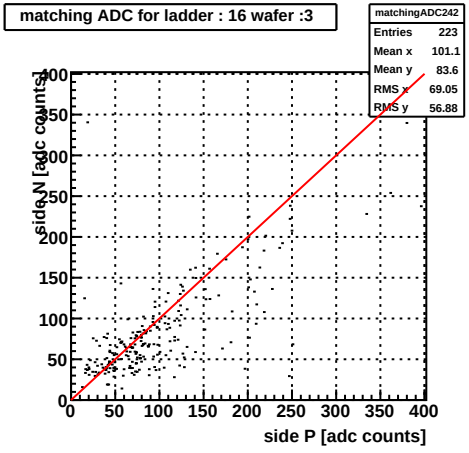

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 13
Mean x 21.15
Mean y 37.77
RMS x 1.994
RMS y 29.72
side N [adc counts]
side P [adc counts]

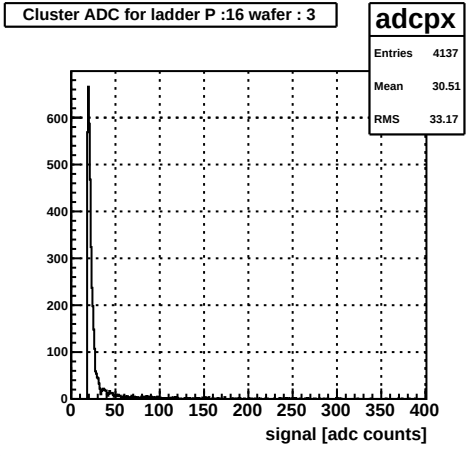

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 2028
Mean 23.07
RMS 2.092
signal [adc counts]

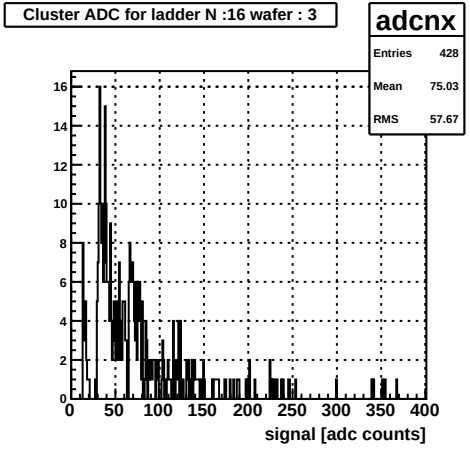

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 4661
Mean 38.53
RMS 37.6
signal [adc counts]

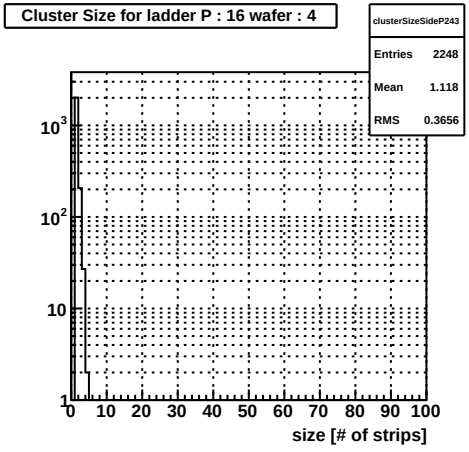

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 4137
Mean 1.094
RMS 0.3734
size [# of strips]

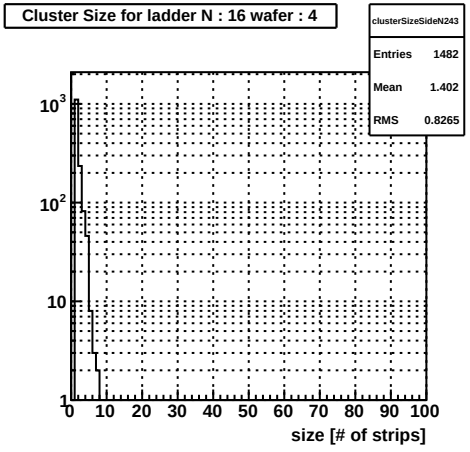

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 428
Mean 1.339
RMS 0.6868
size [# of strips]

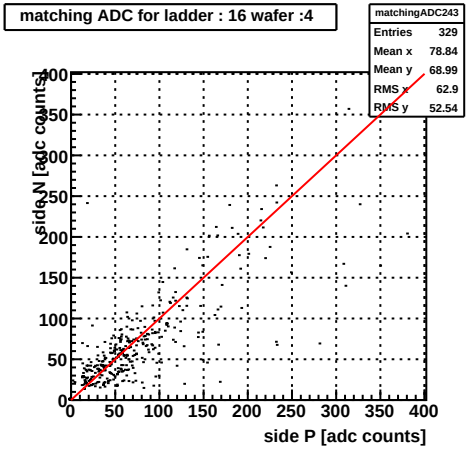

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 223
Mean x 101.1
Mean y 83.6
RMS x 69.05
RMS y 56.88
side N [adc counts]
side P [adc counts]

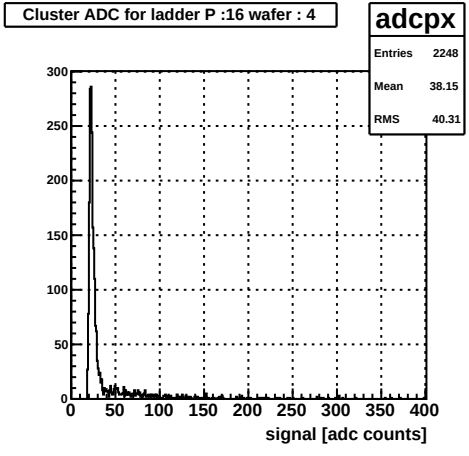

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 4137
Mean 30.51
RMS 33.17
signal [adc counts]

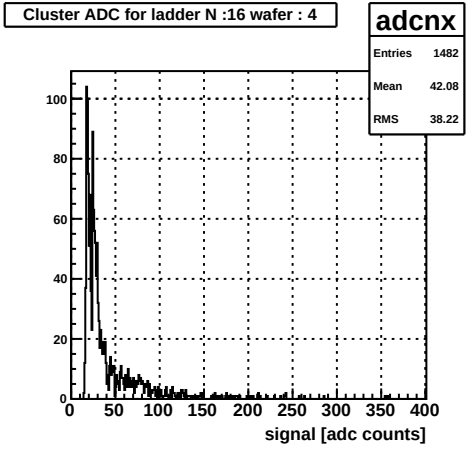

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 428
Mean 75.03
RMS 57.67
signal [adc counts]

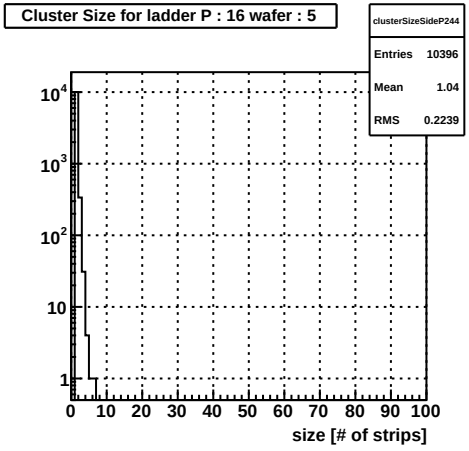

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 2248
Mean 1.118
RMS 0.3656
size [# of strips]

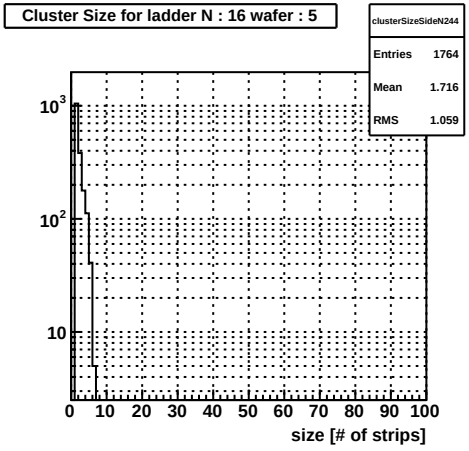

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1482
Mean 1.402
RMS 0.8265
size [# of strips]

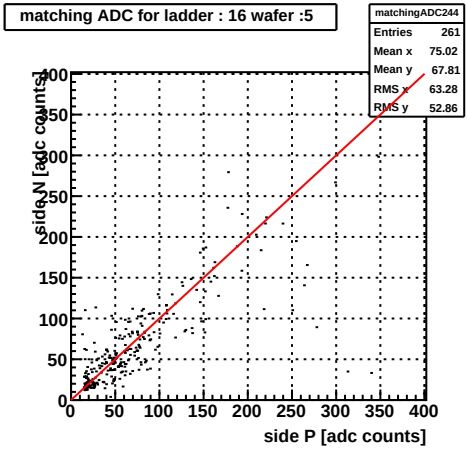

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 329
Mean x 78.84
Mean y 68.99
RMS x 62.9
RMS y 52.54
side N [adc counts]
side P [adc counts]

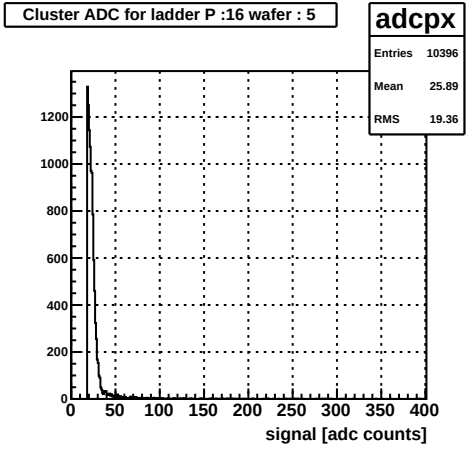

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 2248
Mean 38.15
RMS 40.31
signal [adc counts]

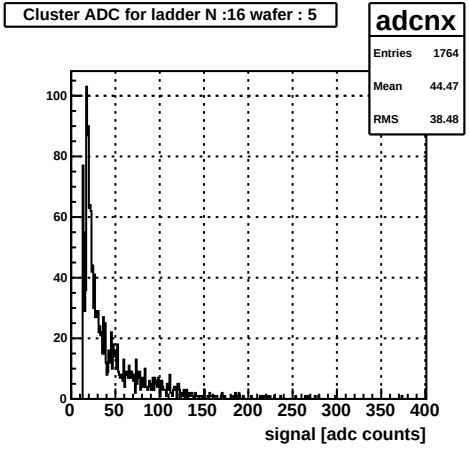

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1482
Mean 42.08
RMS 38.22
signal [adc counts]

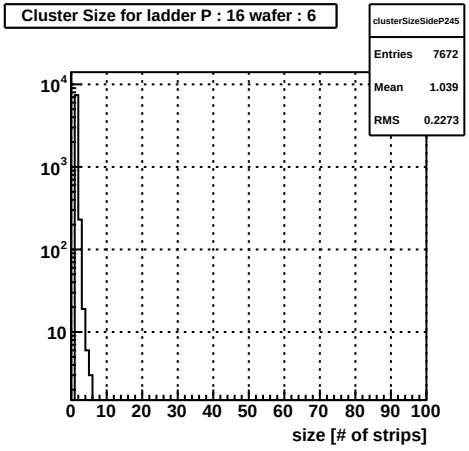

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 10396
Mean 1.04
RMS 0.2239
size [# of strips]

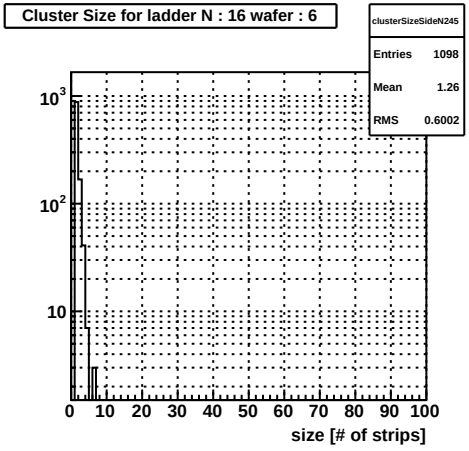

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1764
Mean 1.716
RMS 1.059
size [# of strips]

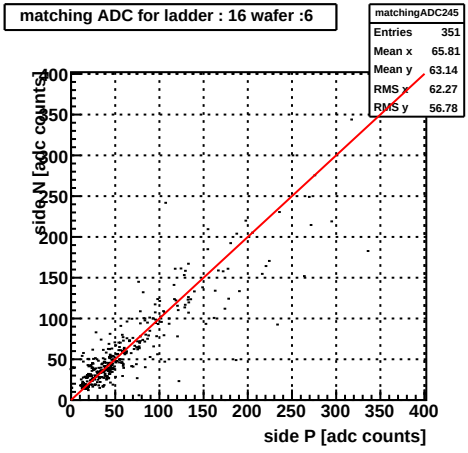

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 261
Mean x 75.02
Mean y 67.81
RMS x 63.28
RMS y 52.86
side N [adc counts]
side P [adc counts]

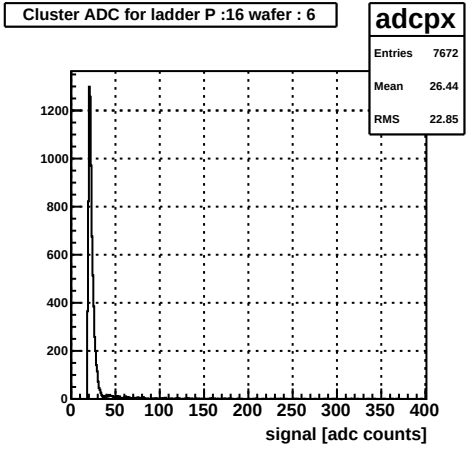

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 10396
Mean 25.89
RMS 19.36
signal [adc counts]

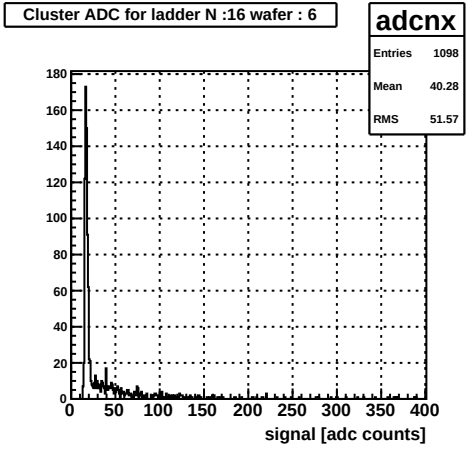

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1764
Mean 44.47
RMS 38.48
signal [adc counts]

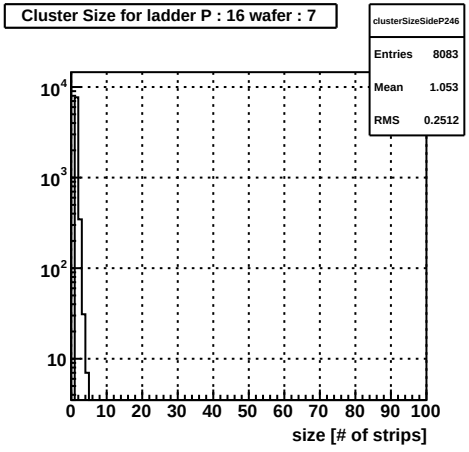

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 7672
Mean 1.039
RMS 0.2273
size [# of strips]

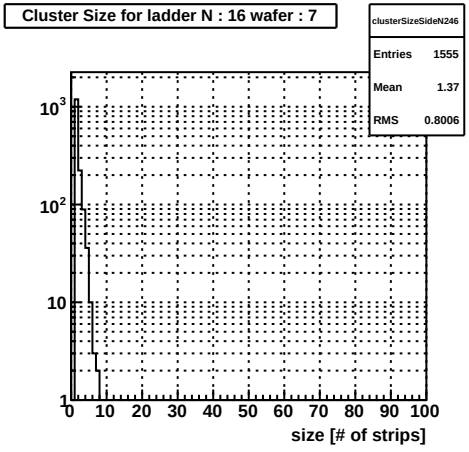

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1098
Mean 1.26
RMS 0.6002
size [# of strips]

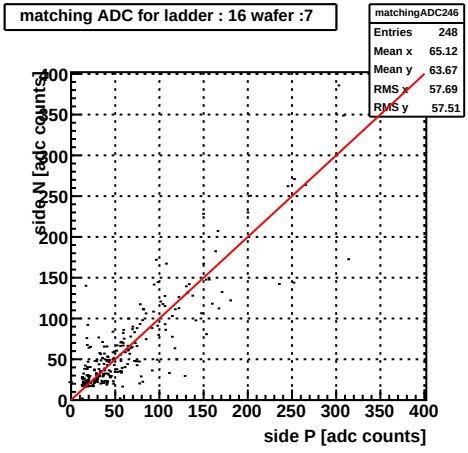

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 351
Mean x 65.81
Mean y 63.14
RMS x 62.27
RMS y 56.78
side N [adc counts]
side P [adc counts]

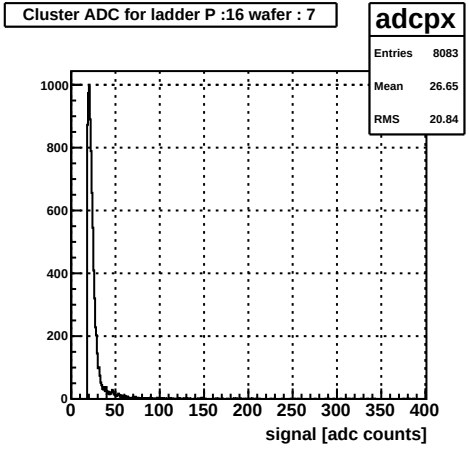

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 7672
Mean 26.44
RMS 22.85
signal [adc counts]

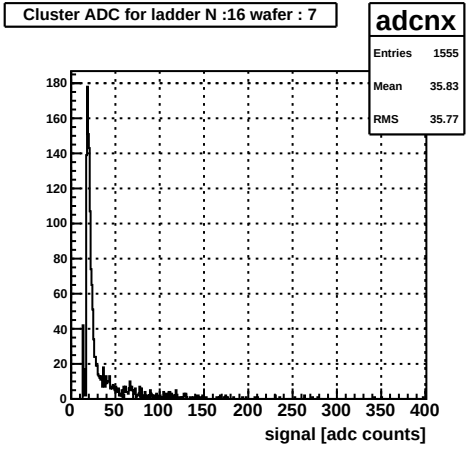

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1098
Mean 40.28
RMS 51.57
signal [adc counts]

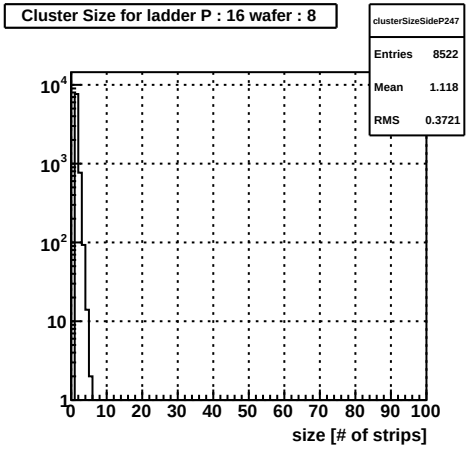

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 8083
Mean 1.053
RMS 0.2512
size [# of strips]

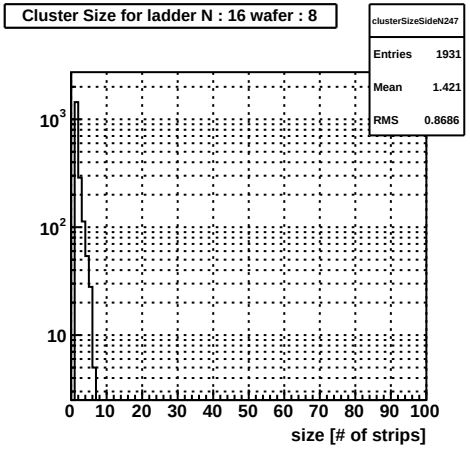

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1555
Mean 1.37
RMS 0.8006
size [# of strips]

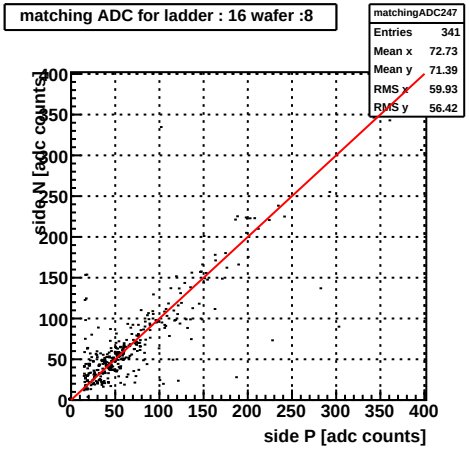

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 248
Mean x 65.12
Mean y 63.67
RMS x 57.69
RMS y 57.51
side N [adc counts]
side P [adc counts]

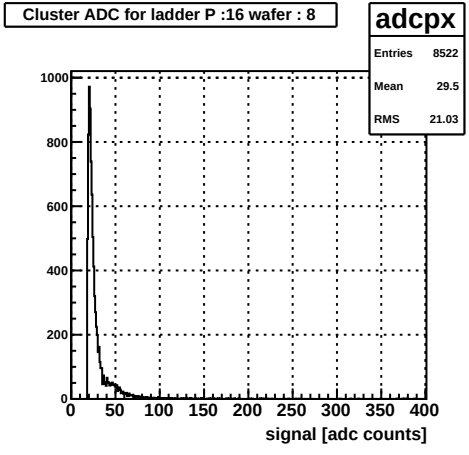

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 8083
Mean 26.65
RMS 20.84
signal [adc counts]

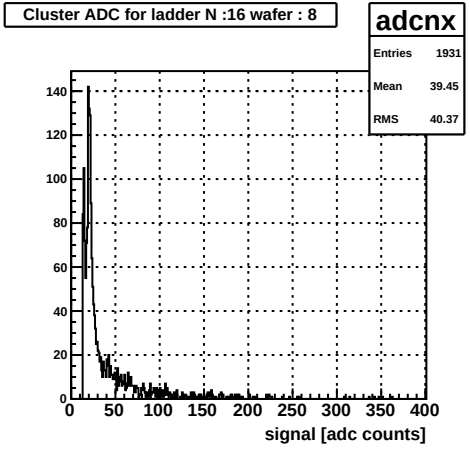

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1555
Mean 35.83
RMS 35.77
signal [adc counts]

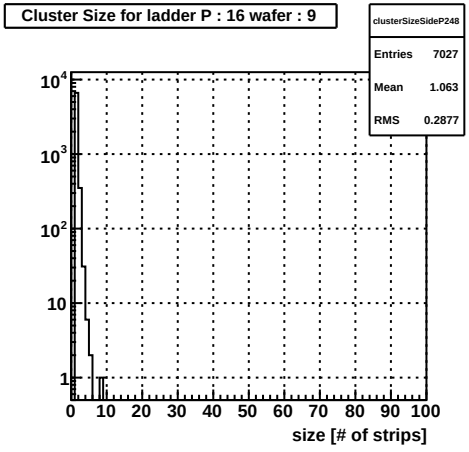

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 8522
Mean 1.118
RMS 0.3721
size [# of strips]

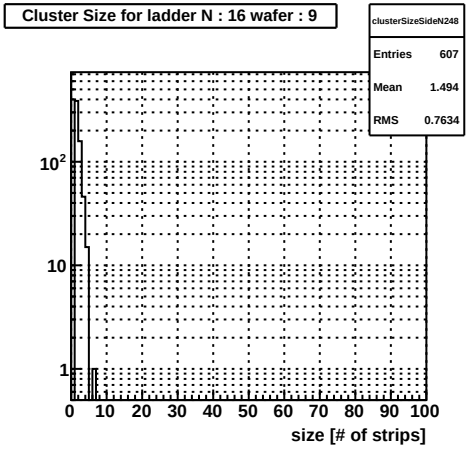

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1931
Mean 1.421
RMS 0.8686
size [# of strips]

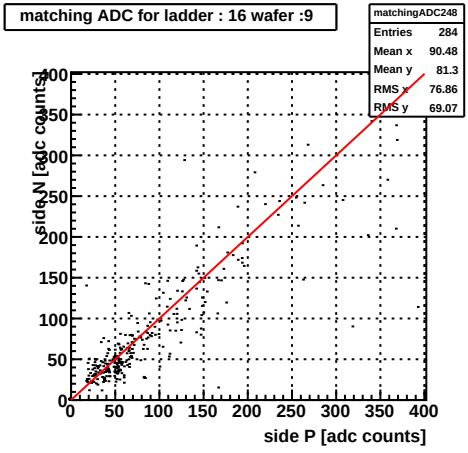

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 341
Mean x 72.73
Mean y 71.39
RMS x 59.93
RMS y 56.42
side N [adc counts]
side P [adc counts]

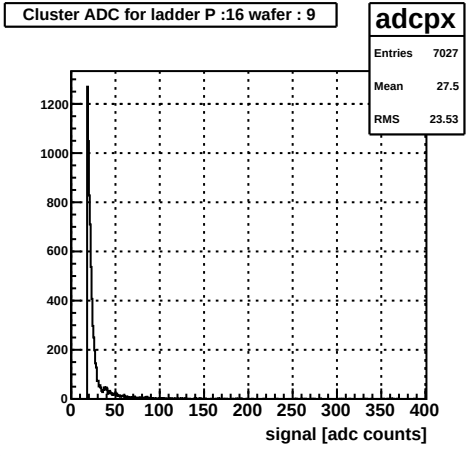

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 8522
Mean 29.5
RMS 21.03
signal [adc counts]

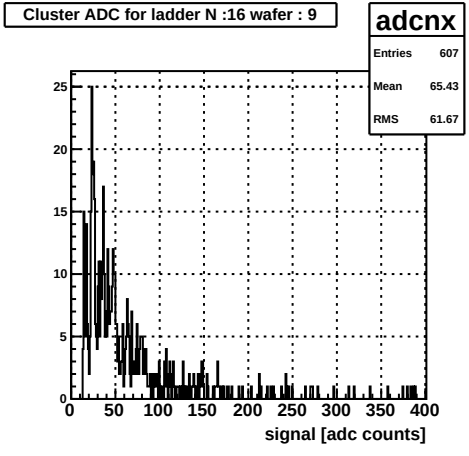

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1931
Mean 39.45
RMS 40.37
signal [adc counts]

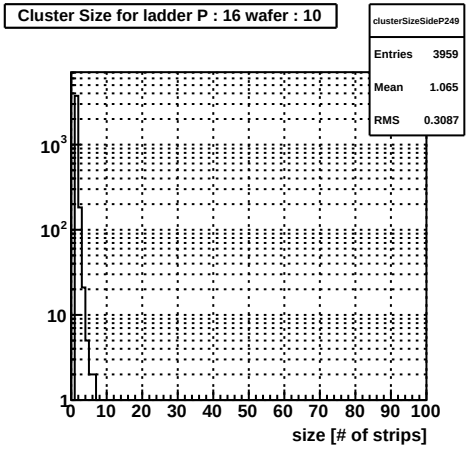

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 7027
Mean 1.063
RMS 0.2877
size [# of strips]

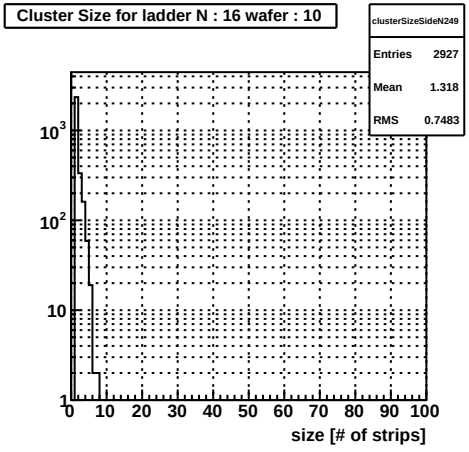

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 607
Mean 1.494
RMS 0.7634
size [# of strips]

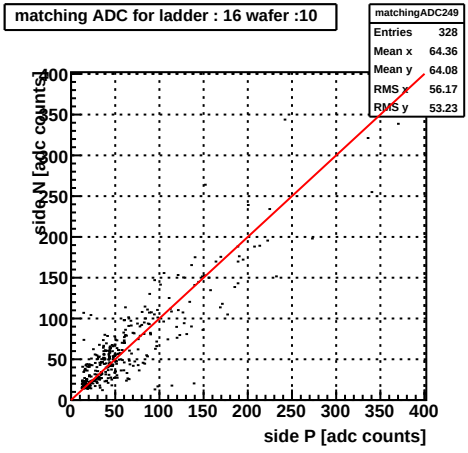

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 284
Mean x 90.48
Mean y 81.3
RMS x 76.86
RMS y 69.07
side N [adc counts]
side P [adc counts]

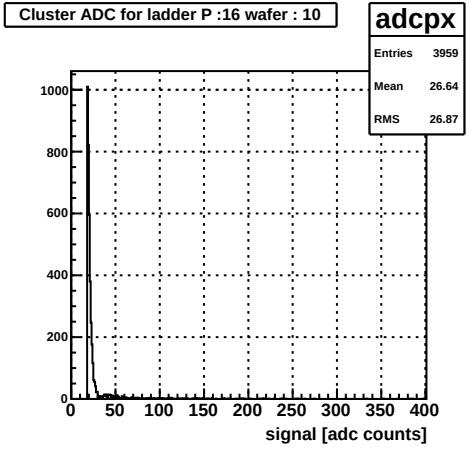

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 7027
Mean 27.5
RMS 23.53
signal [adc counts]

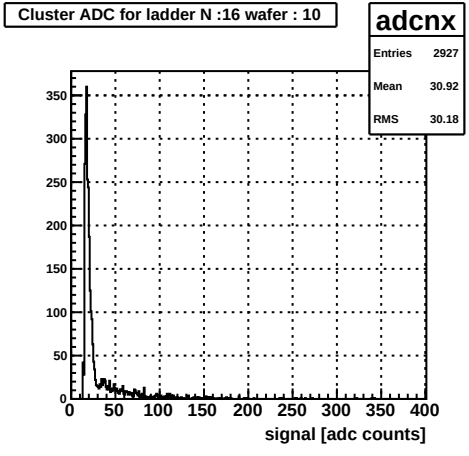

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 607
Mean 65.43
RMS 61.67
signal [adc counts]

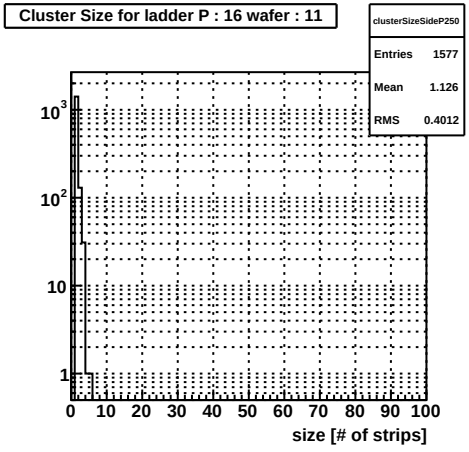

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 3959
Mean 1.065
RMS 0.3087
size [# of strips]

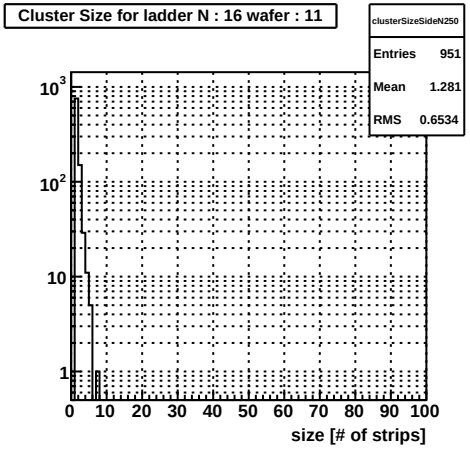

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2927
Mean 1.318
RMS 0.7483
size [# of strips]

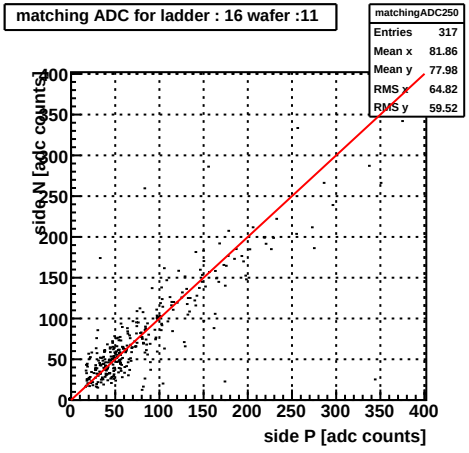

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 328
Mean x 64.36
Mean y 64.08
RMS x 56.17
RMS y 53.23
side N [adc counts]
side P [adc counts]

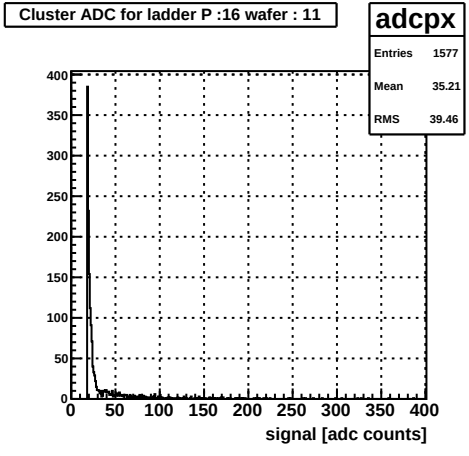

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 3959
Mean 26.64
RMS 26.87
signal [adc counts]

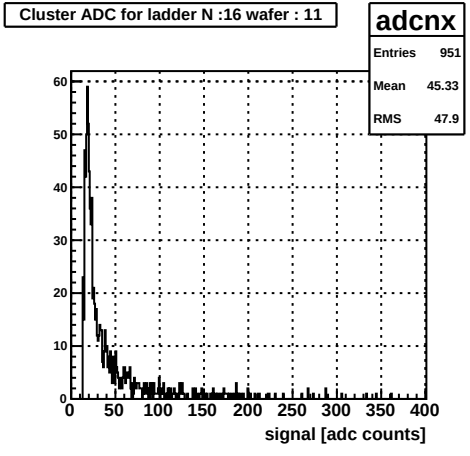

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2927
Mean 30.92
RMS 30.18
signal [adc counts]

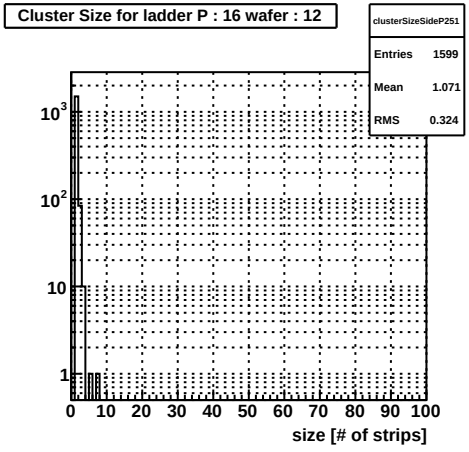

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1577
Mean 1.126
RMS 0.4012
size [# of strips]

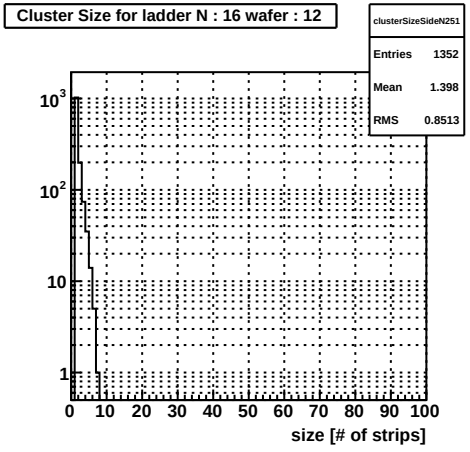

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 951
Mean 1.281
RMS 0.6534
size [# of strips]

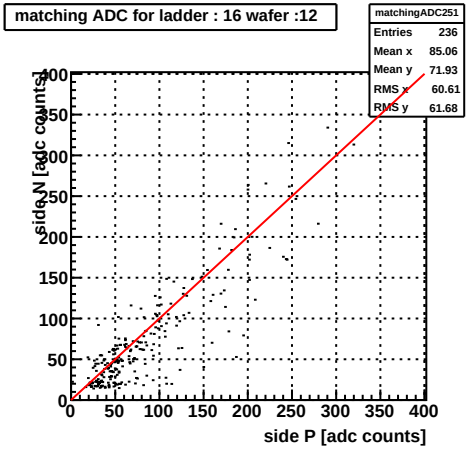

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 317
Mean x 81.86
Mean y 77.98
RMS x 64.82
RMS y 59.52
side N [adc counts]
side P [adc counts]

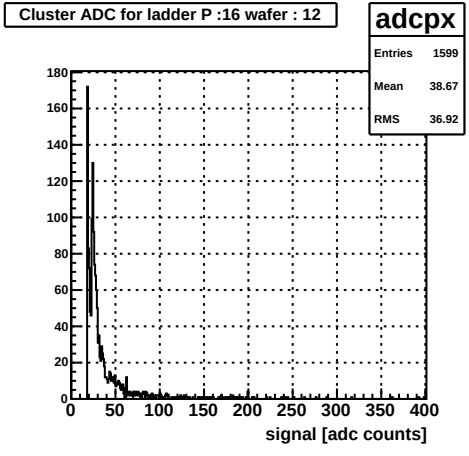

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1577
Mean 35.21
RMS 39.46
signal [adc counts]

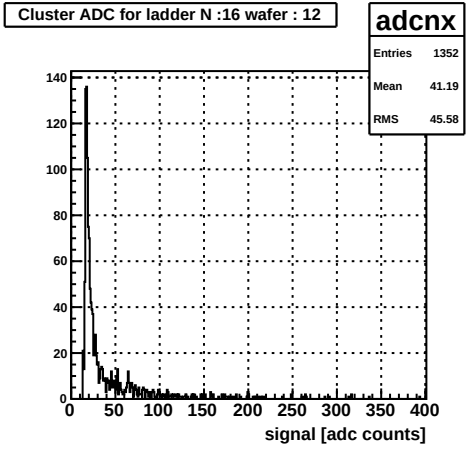

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 951
Mean 45.33
RMS 47.9
signal [adc counts]

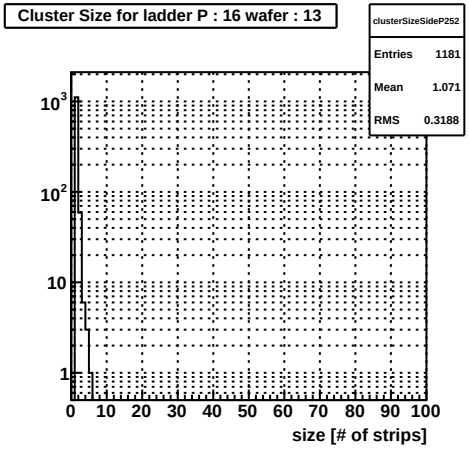

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1599
Mean 1.071
RMS 0.324
size [# of strips]

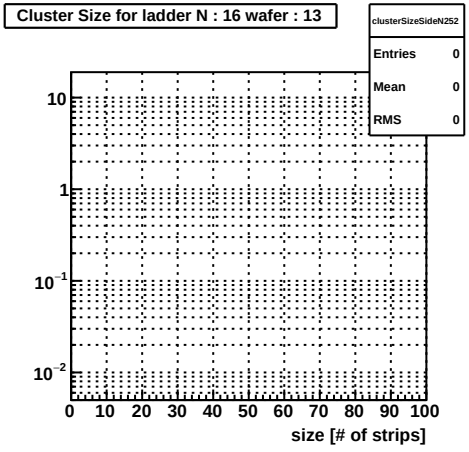

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1352
Mean 1.398
RMS 0.8513
size [# of strips]

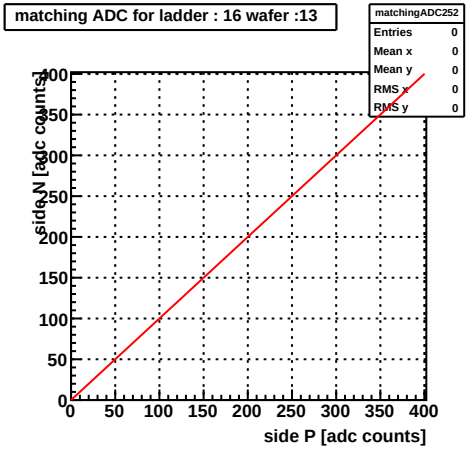

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 236
Mean x 85.06
Mean y 71.93
RMS x 60.61
RMS y 61.68
side N [adc counts]
side P [adc counts]

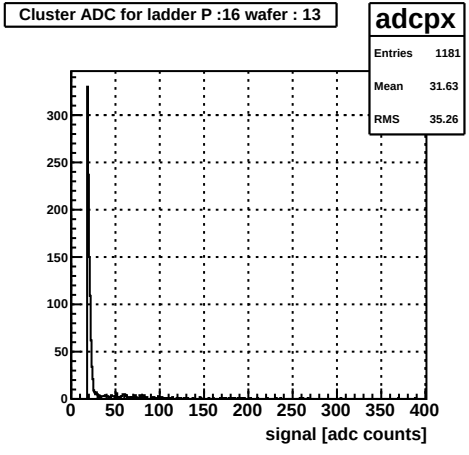

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1599
Mean 38.67
RMS 36.92
signal [adc counts]

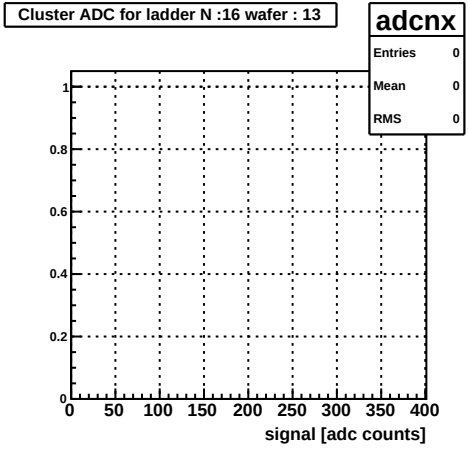

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1352
Mean 41.19
RMS 45.58
signal [adc counts]

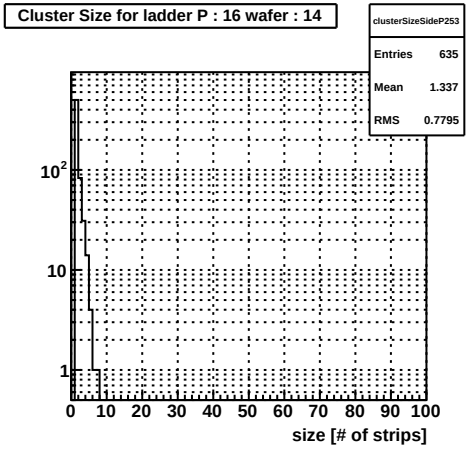

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1181
Mean 1.071
RMS 0.3188
size [# of strips]

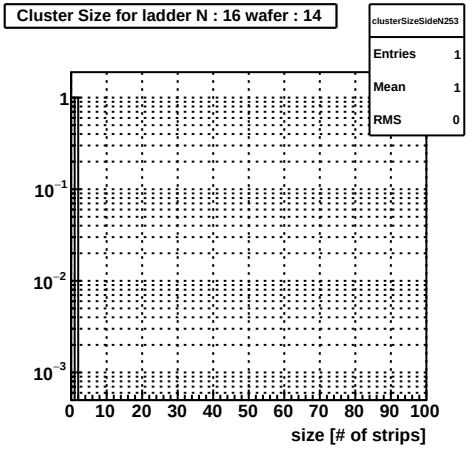

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

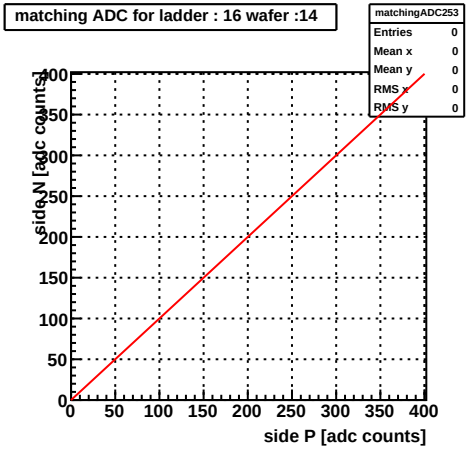

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

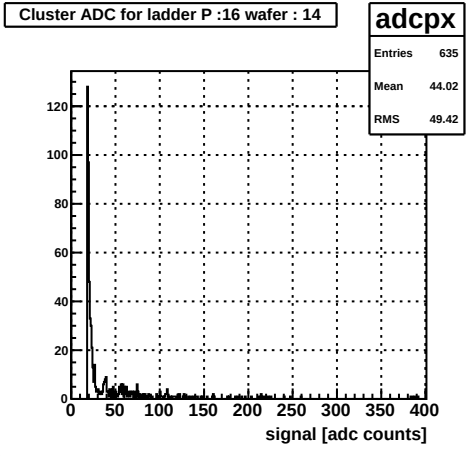

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1181
Mean 31.63
RMS 35.26
signal [adc counts]

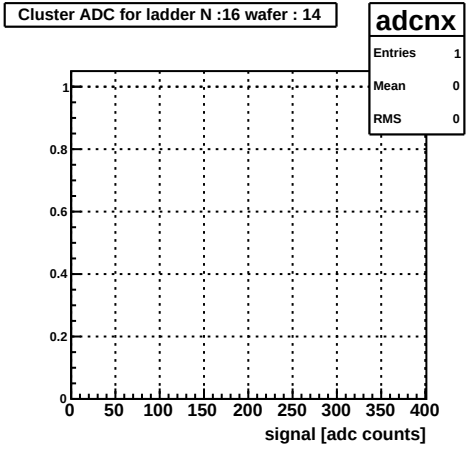

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

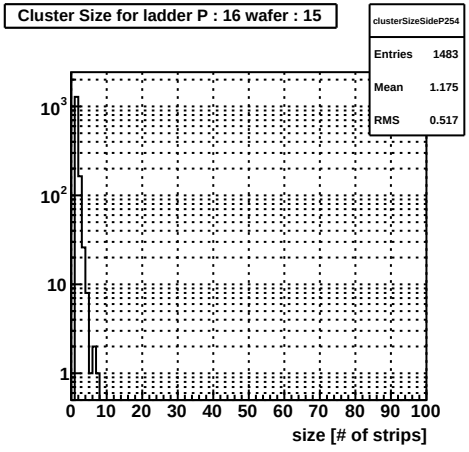

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 635
Mean 1.337
RMS 0.7795
size [# of strips]

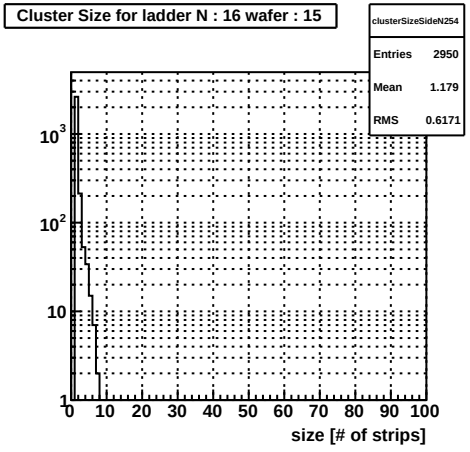

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

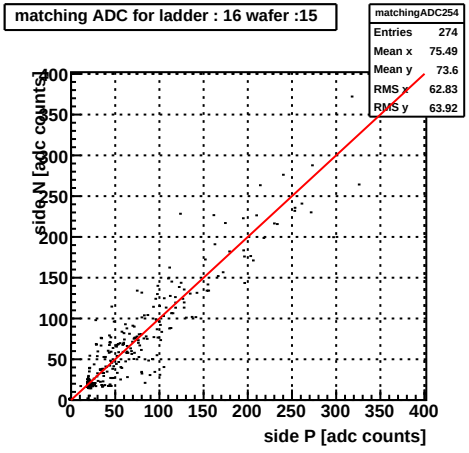

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

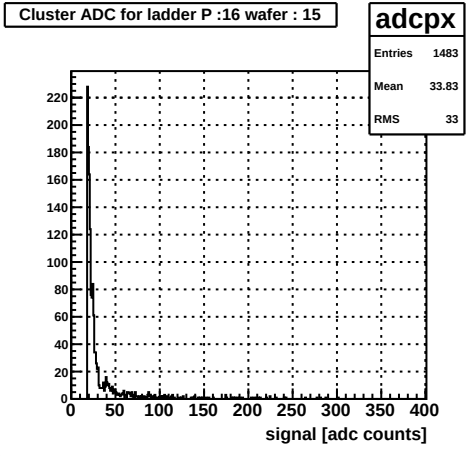

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 635
Mean 44.02
RMS 49.42
signal [adc counts]

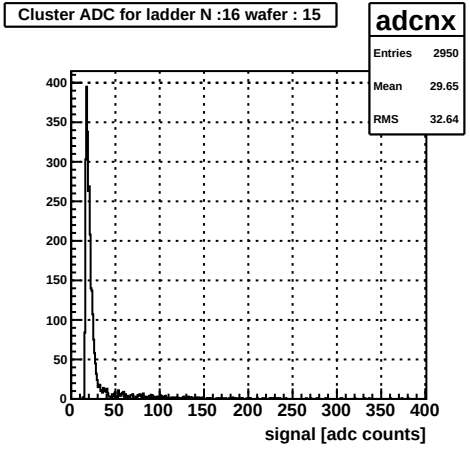

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

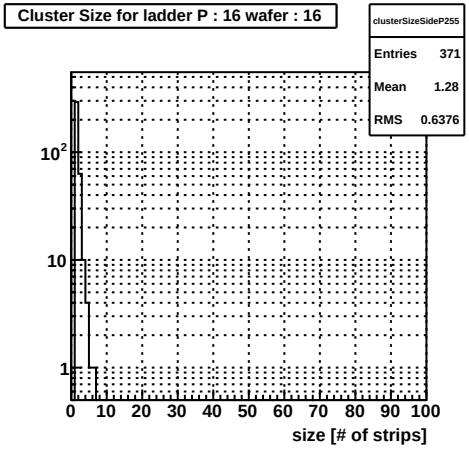

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1483
Mean 1.175
RMS 0.517
size [# of strips]

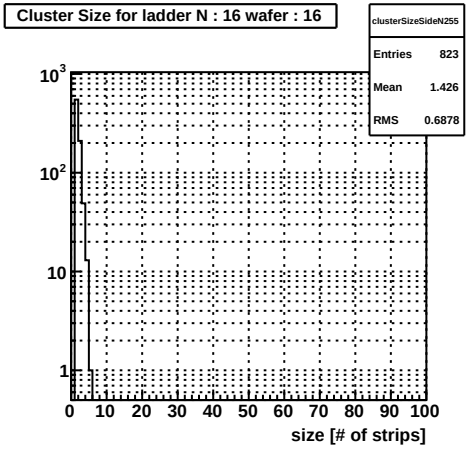

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2950
Mean 1.179
RMS 0.6171
size [# of strips]

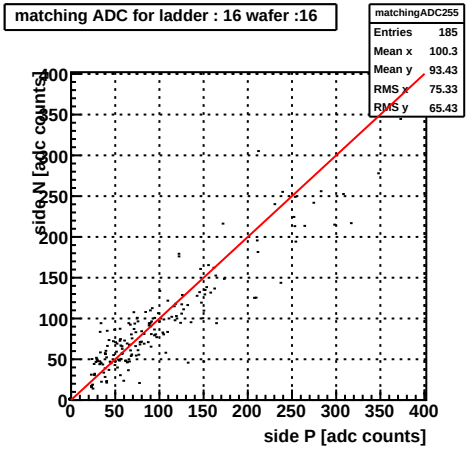

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 274
Mean x 75.49
Mean y 73.6
RMS x 62.83
RMS y 63.92
side N [adc counts]
side P [adc counts]

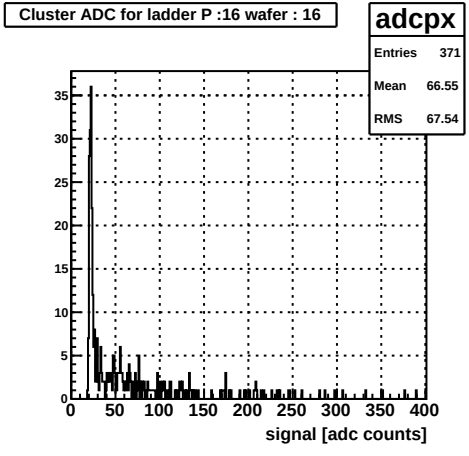

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1483
Mean 33.83
RMS 33
signal [adc counts]

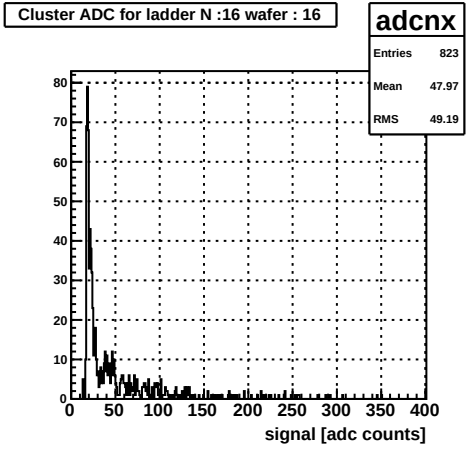

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2950
Mean 29.65
RMS 32.64
signal [adc counts]

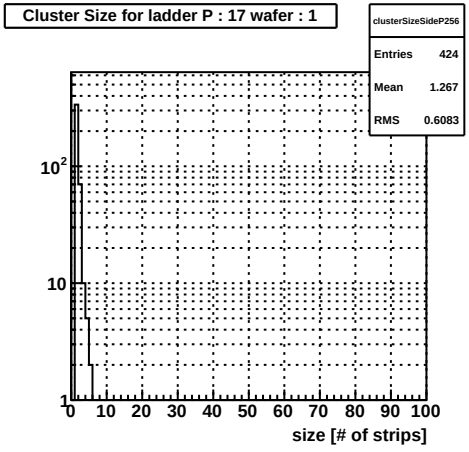

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 371
Mean 1.28
RMS 0.6376
size [# of strips]

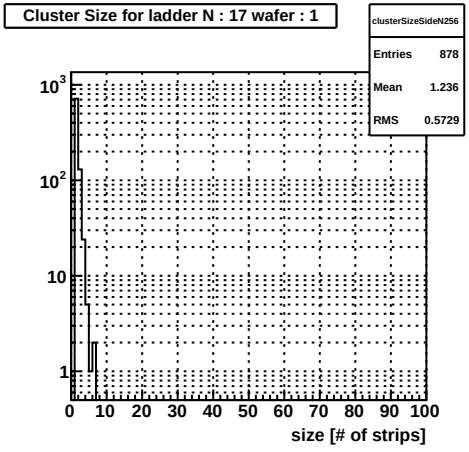

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 823
Mean 1.426
RMS 0.6878
size [# of strips]

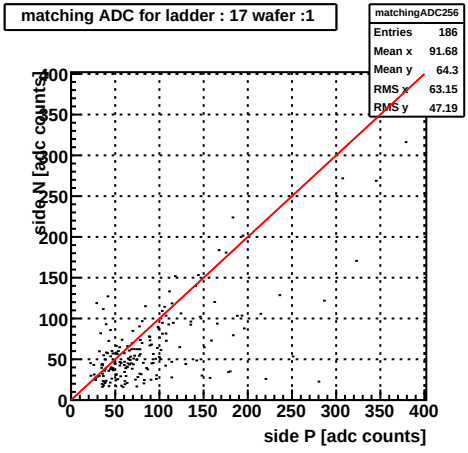

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 185
Mean x 100.3
Mean y 93.43
RMS x 75.33
RMS y 65.43
side N [adc counts]
side P [adc counts]

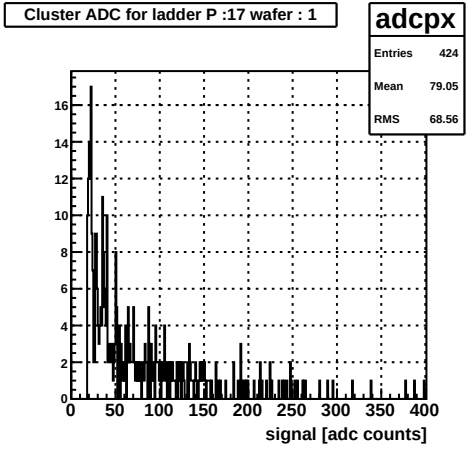

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 371
Mean 66.55
RMS 67.54
signal [adc counts]

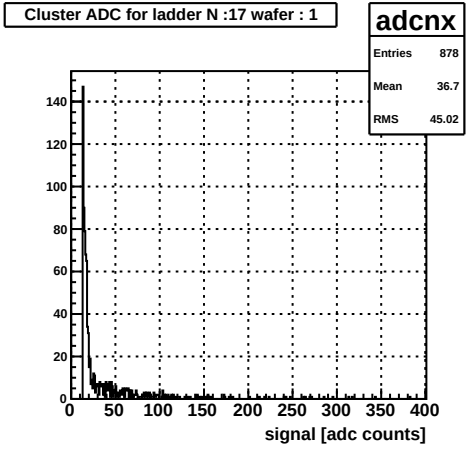

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 823
Mean 47.97
RMS 49.19
signal [adc counts]

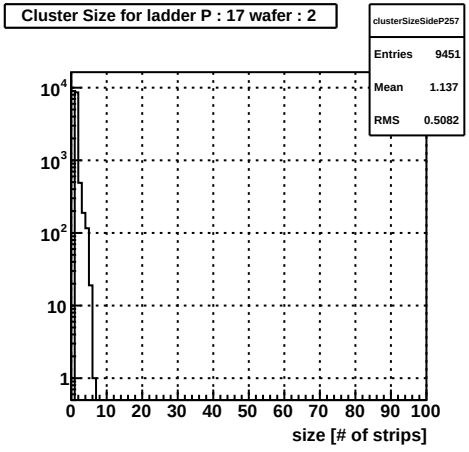

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 424
Mean 1.267
RMS 0.6083
size [# of strips]

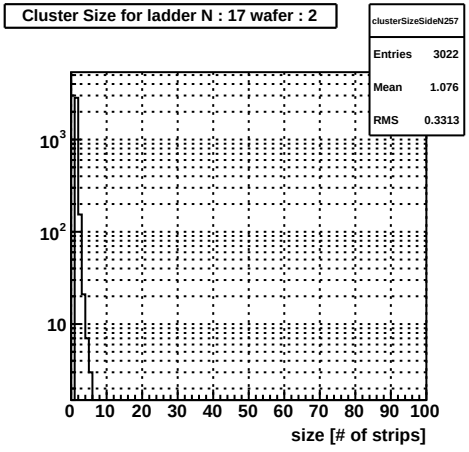

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 878
Mean 1.236
RMS 0.5729
size [# of strips]

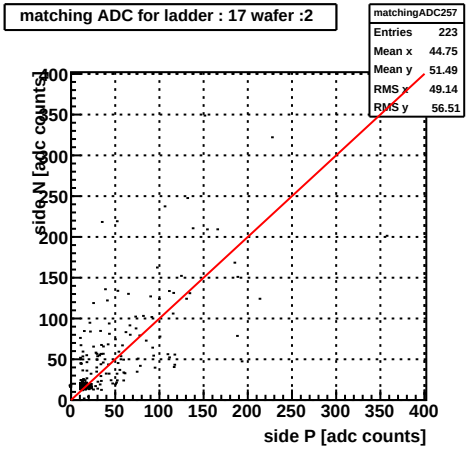

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 186
Mean x 91.68
Mean y 64.3
RMS x 63.15
RMS y 47.19
side N [adc counts]
side P [adc counts]

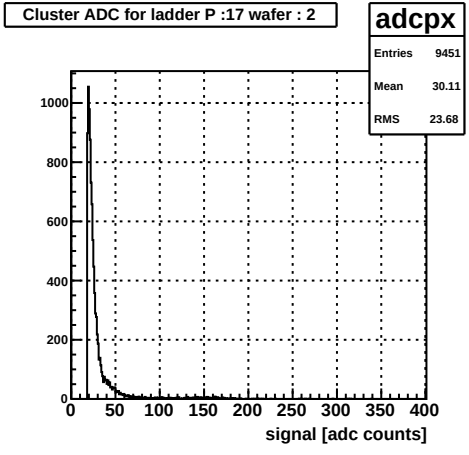

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 424
Mean 79.05
RMS 68.56
signal [adc counts]

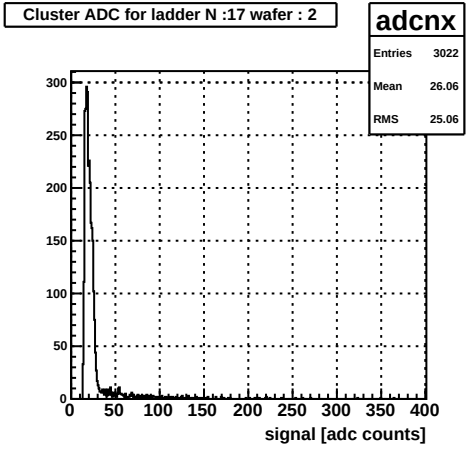

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 878
Mean 36.7
RMS 45.02
signal [adc counts]

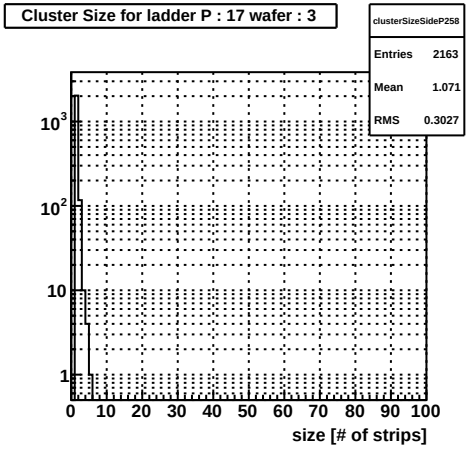

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 9451
Mean 1.137
RMS 0.5082
size [# of strips]

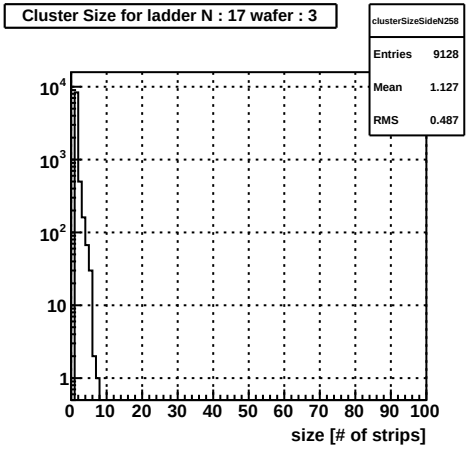

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3022
Mean 1.076
RMS 0.3313
size [# of strips]

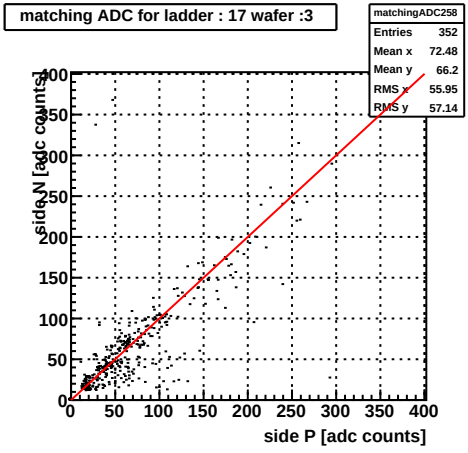

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 223
Mean x 44.75
Mean y 51.49
RMS x 49.14
RMS y 56.51
side N [adc counts]
side P [adc counts]

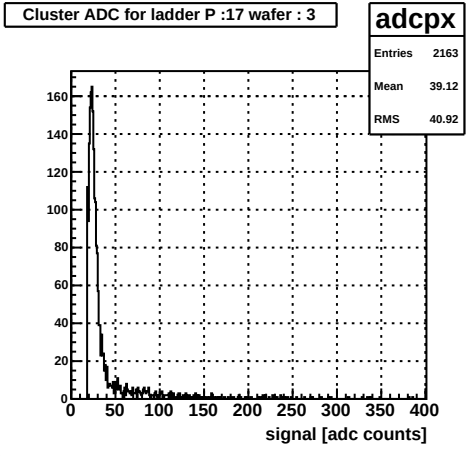

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 9451
Mean 30.11
RMS 23.68
signal [adc counts]

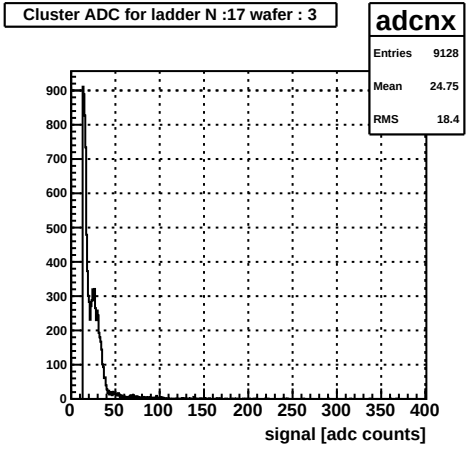

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3022
Mean 26.06
RMS 25.06
signal [adc counts]

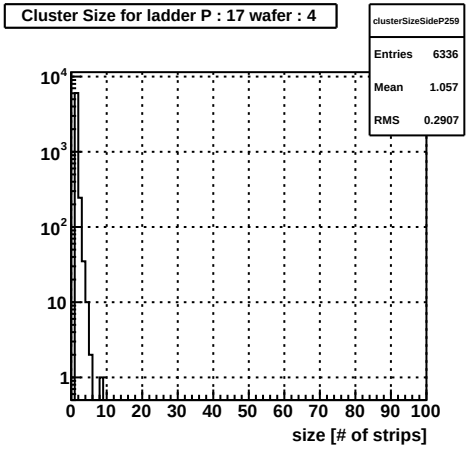

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 2163
Mean 1.071
RMS 0.3027
size [# of strips]

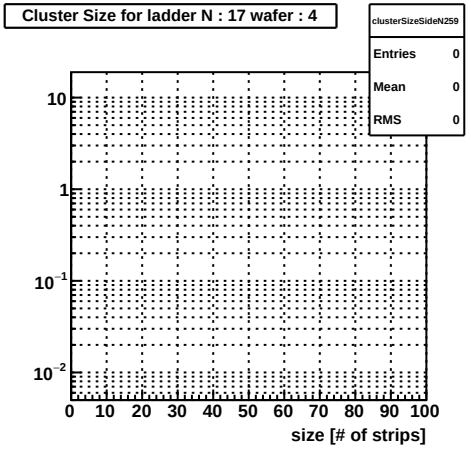

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 9128
Mean 1.127
RMS 0.487
size [# of strips]

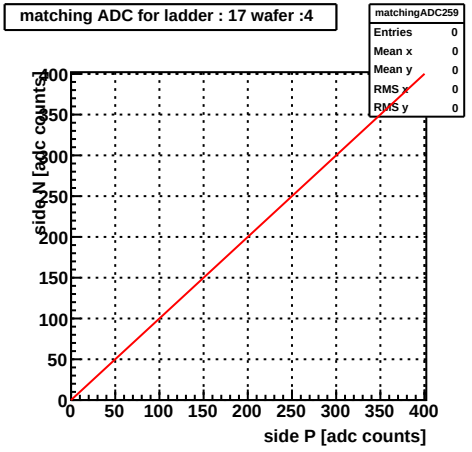

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 352
Mean x 72.48
Mean y 66.2
RMS x 55.95
RMS y 57.14
side N [adc counts]
side P [adc counts]

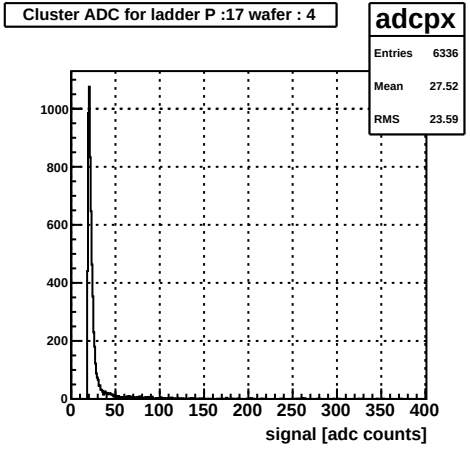

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 2163
Mean 39.12
RMS 40.92
signal [adc counts]

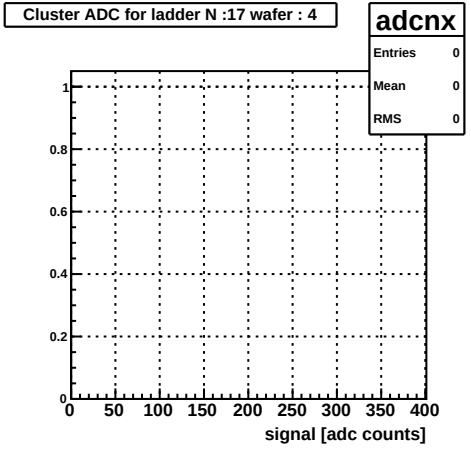

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 9128
Mean 24.75
RMS 18.4
signal [adc counts]

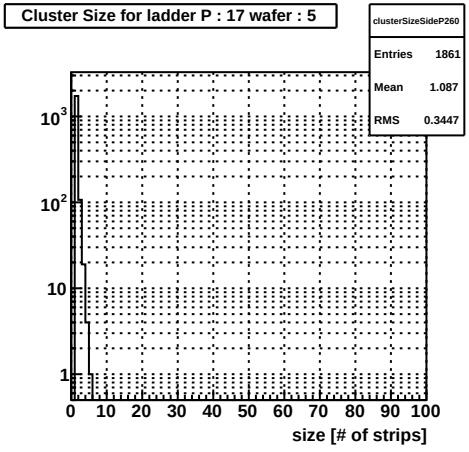

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 6336
Mean 1.057
RMS 0.2907
size [# of strips]

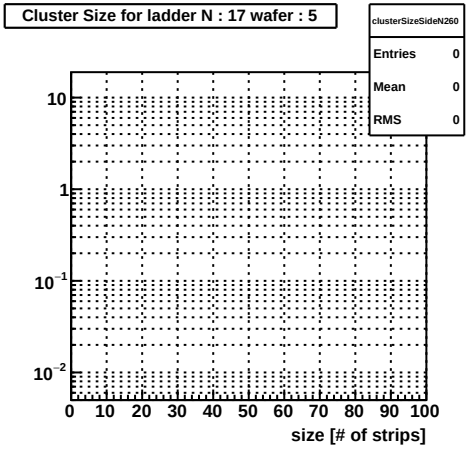

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

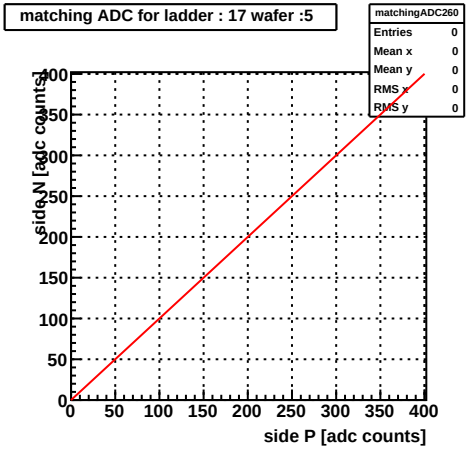

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

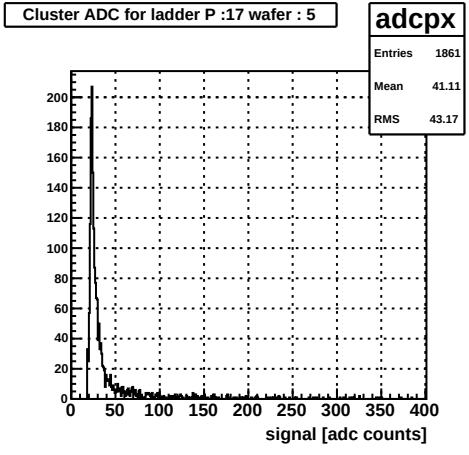

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 6336
Mean 27.52
RMS 23.59
signal [adc counts]

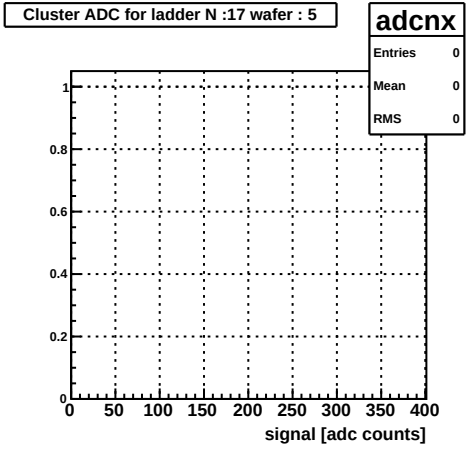

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

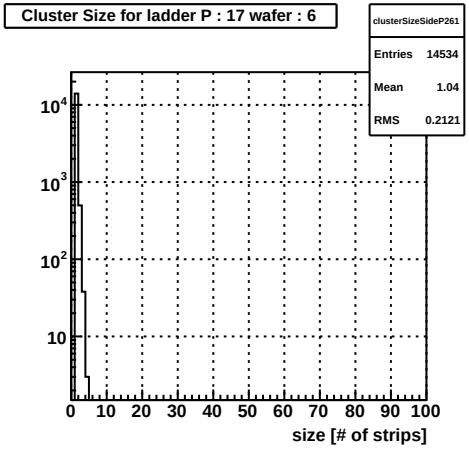

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1861
Mean 1.087
RMS 0.3447
size [# of strips]

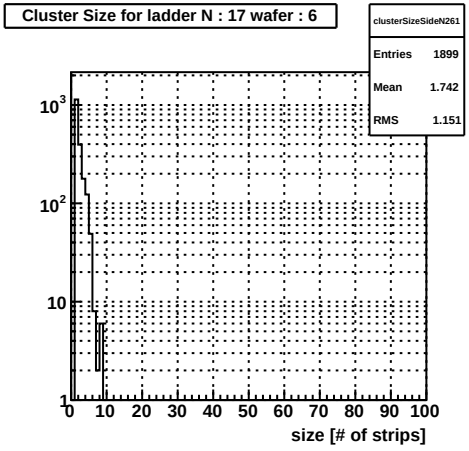

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

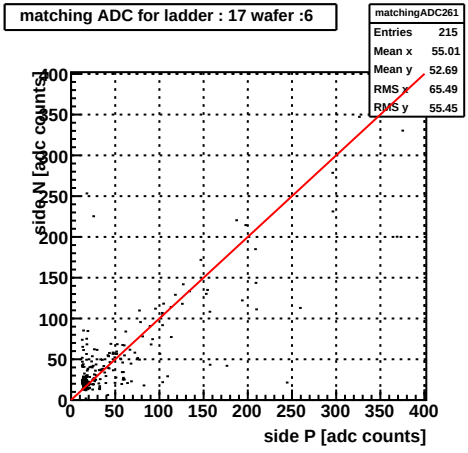

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

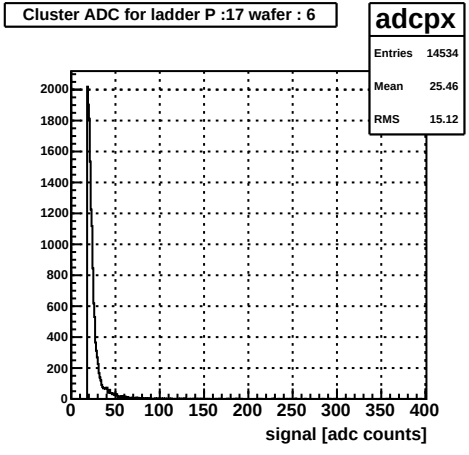

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1861
Mean 41.11
RMS 43.17
signal [adc counts]

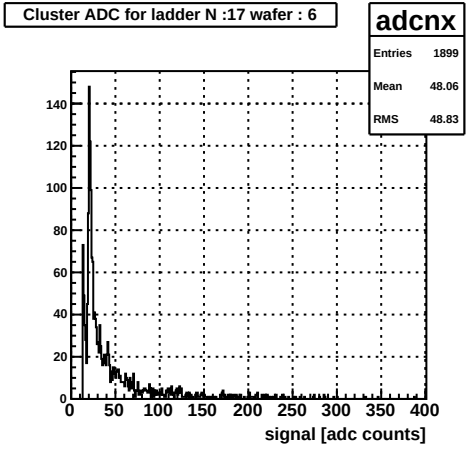

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

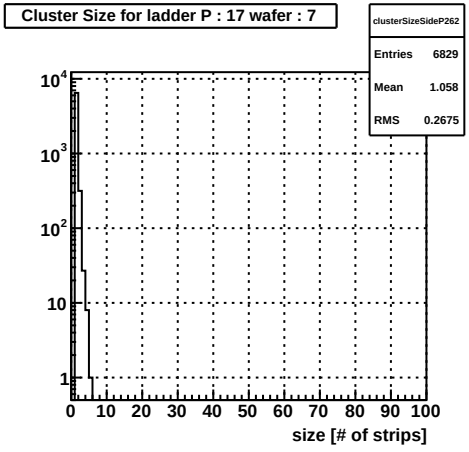

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 14534
Mean 1.04
RMS 0.2121
size [# of strips]

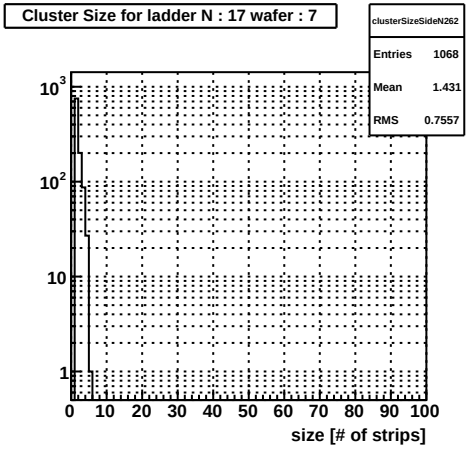

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 1899
Mean 1.742
RMS 1.151
size [# of strips]

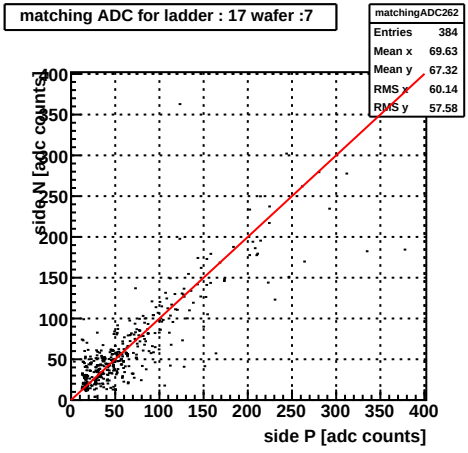

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 215
Mean x 55.01
Mean y 52.69
RMS x 65.49
RMS y 55.45
side N [adc counts]
side P [adc counts]

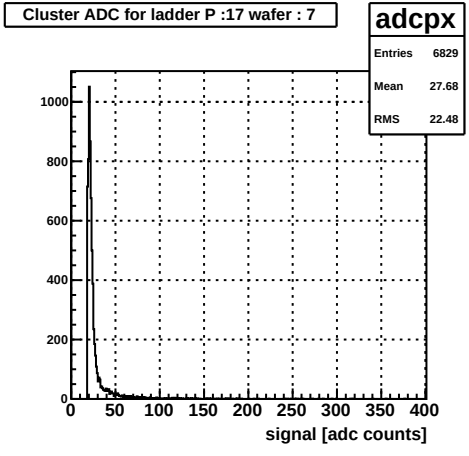

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 14534
Mean 25.46
RMS 15.12
signal [adc counts]

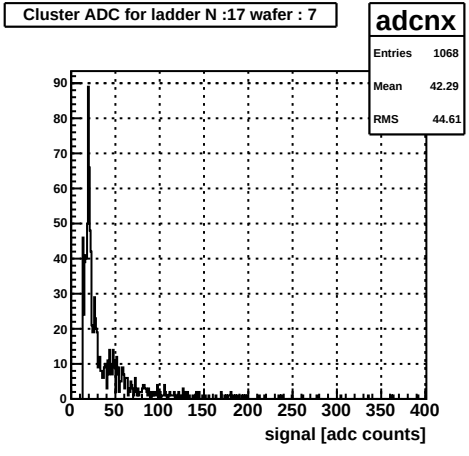

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 1899
Mean 48.06
RMS 48.83
signal [adc counts]

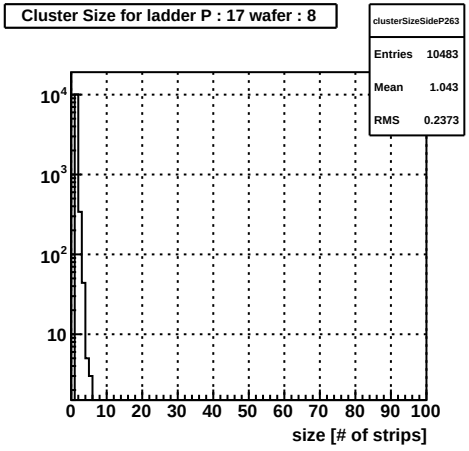

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 6829
Mean 1.058
RMS 0.2675
size [# of strips]

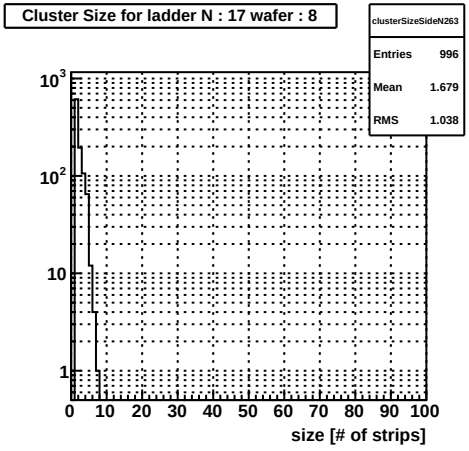

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1068
Mean 1.431
RMS 0.7557
size [# of strips]

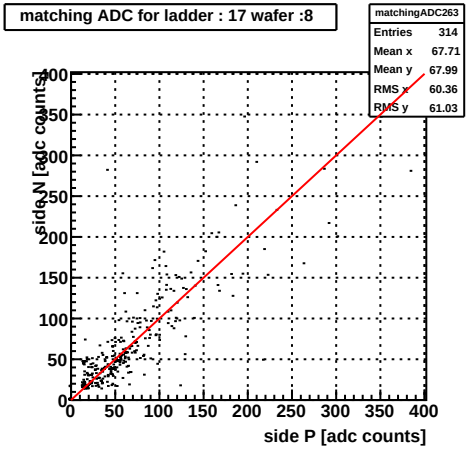

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 384
Mean x 69.63
Mean y 67.32
RMS x 60.14
RMS y 57.58
side N [adc counts]
side P [adc counts]

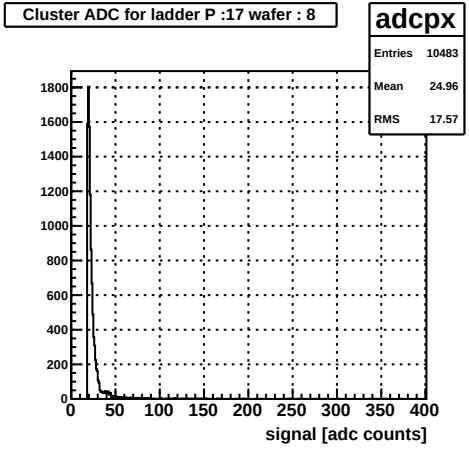

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 6829
Mean 27.68
RMS 22.48
signal [adc counts]

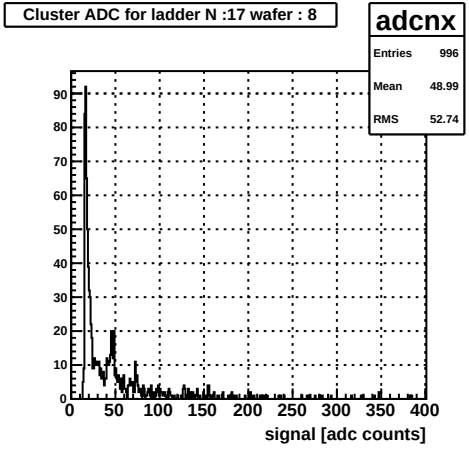

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1068
Mean 42.29
RMS 44.61
signal [adc counts]

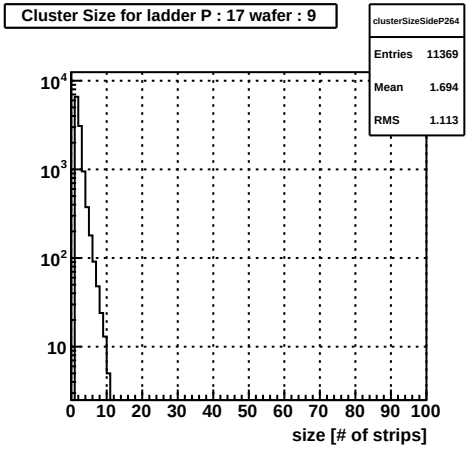

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 10483
Mean 1.043
RMS 0.2373
size [# of strips]

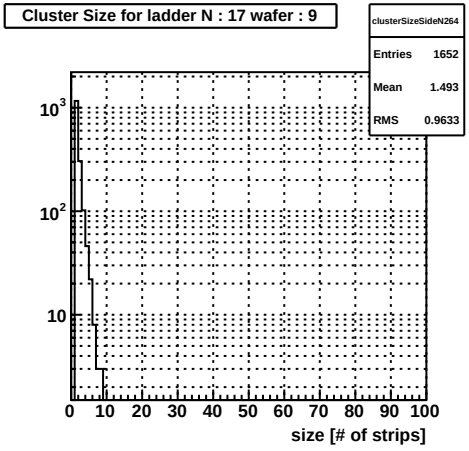

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 996
Mean 1.679
RMS 1.038
size [# of strips]

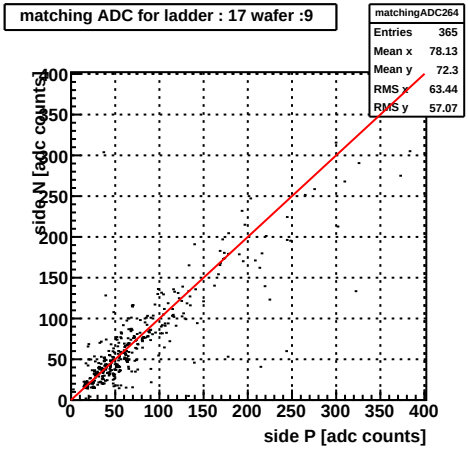

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 314
Mean x 67.71
Mean y 67.99
RMS x 60.36
RMS y 61.03
side N [adc counts]
side P [adc counts]

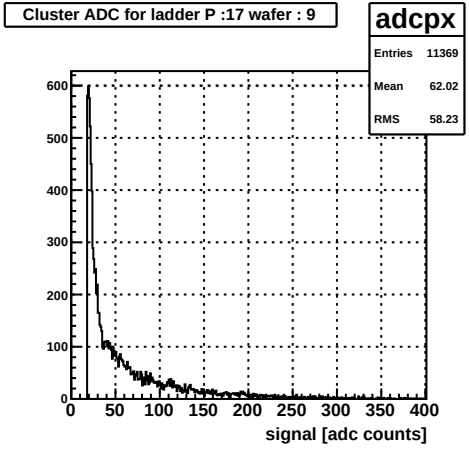

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 10483
Mean 24.96
RMS 17.57
signal [adc counts]

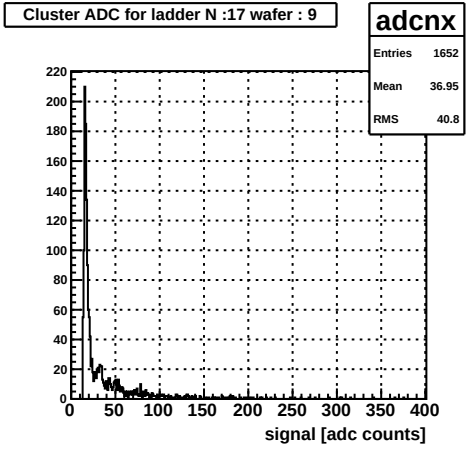

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 996
Mean 48.99
RMS 52.74
signal [adc counts]

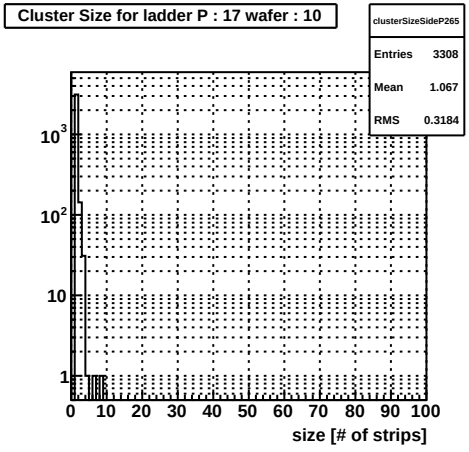

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 11369
Mean 1.694
RMS 1.113
size [# of strips]

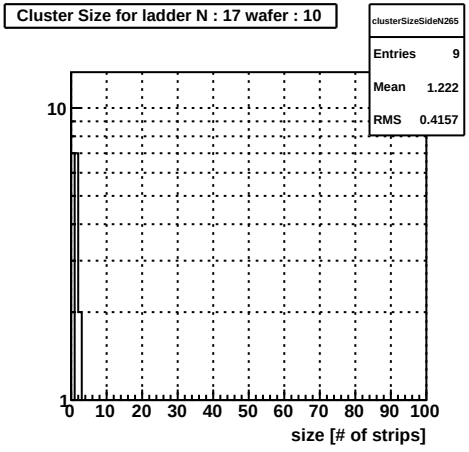

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1652
Mean 1.493
RMS 0.9633
size [# of strips]

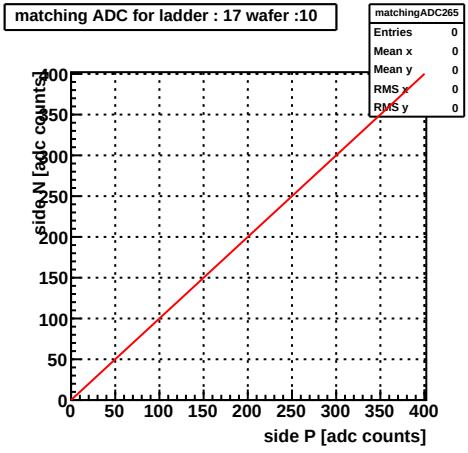

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 365
Mean x 78.13
Mean y 72.3
RMS x 63.44
RMS y 57.07
side N [adc counts]
side P [adc counts]

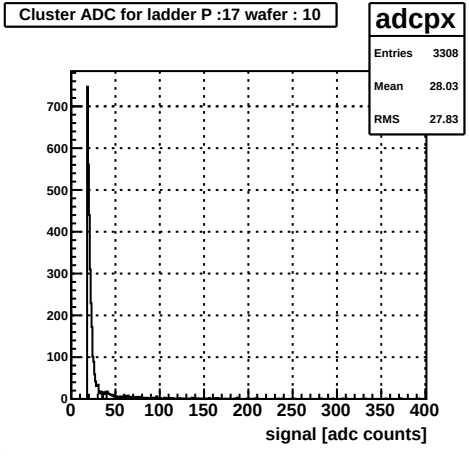

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 11369
Mean 62.02
RMS 58.23
signal [adc counts]

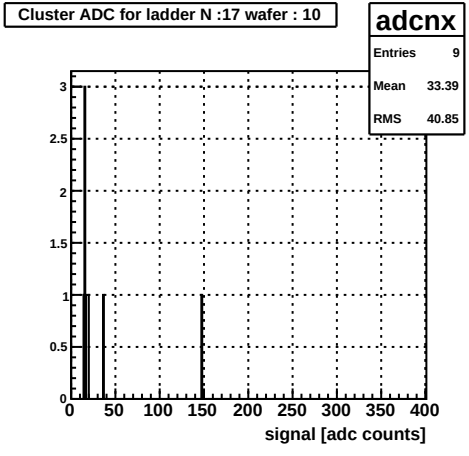

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1652
Mean 36.95
RMS 40.8
signal [adc counts]

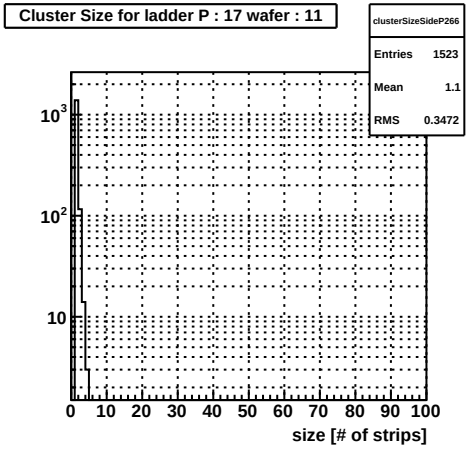

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 3308
Mean 1.067
RMS 0.3184
size [# of strips]

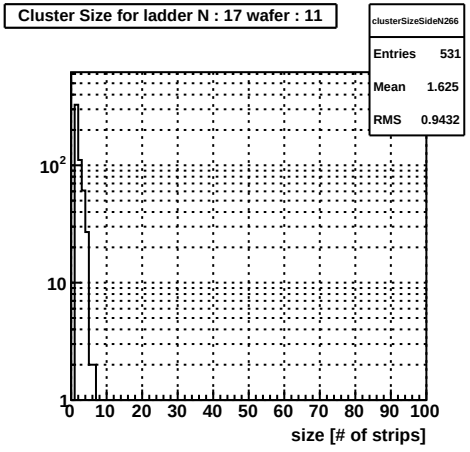

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 9
Mean 1.222
RMS 0.4157
size [# of strips]

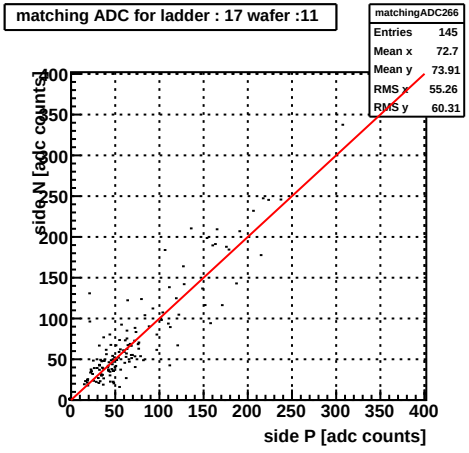

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

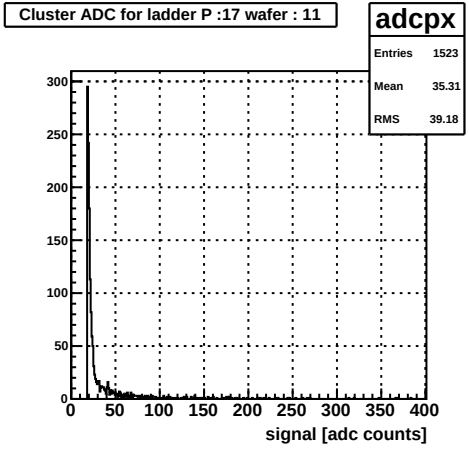

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 3308
Mean 28.03
RMS 27.83
signal [adc counts]

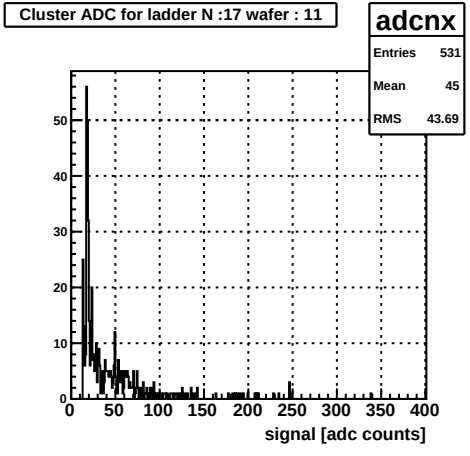

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 9
Mean 33.39
RMS 40.85
signal [adc counts]

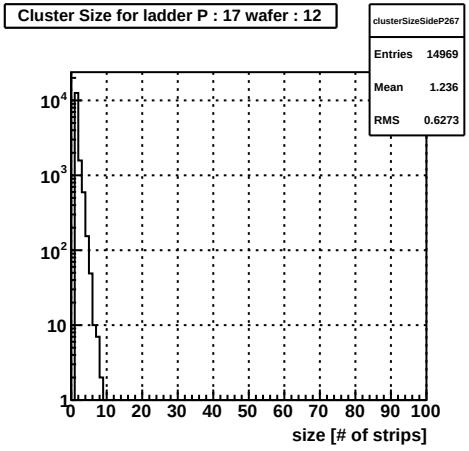

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1523
Mean 1.1
RMS 0.3472
size [# of strips]

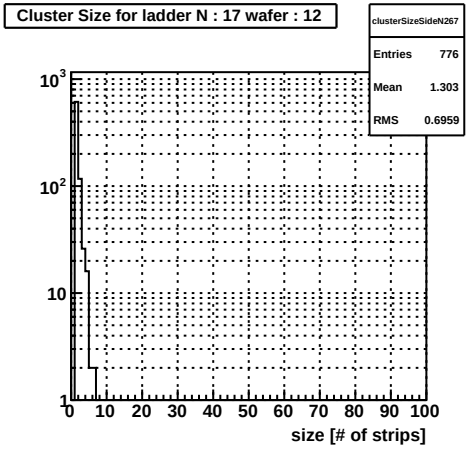

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 531
Mean 1.625
RMS 0.9432
size [# of strips]

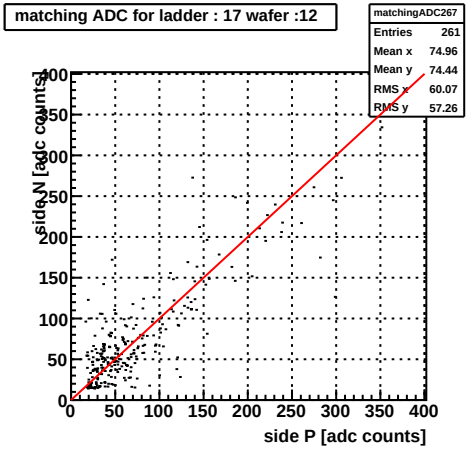

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 145
Mean x 72.7
Mean y 73.91
RMS x 55.26
RMS y 60.31
side N [adc counts]
side P [adc counts]

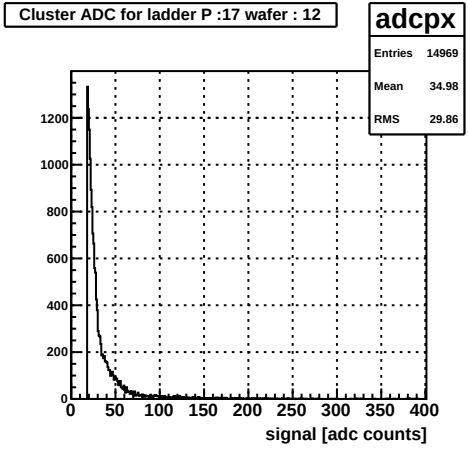

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1523
Mean 35.31
RMS 39.18
signal [adc counts]

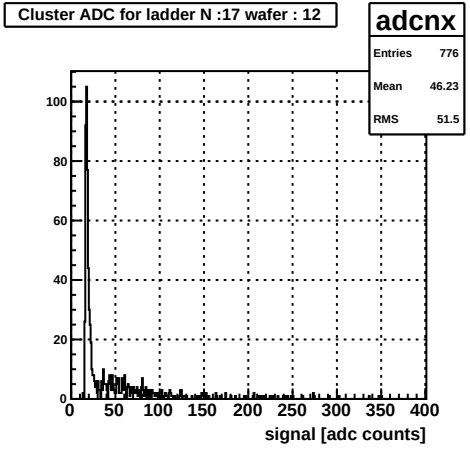

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 531
Mean 45
RMS 43.69
signal [adc counts]

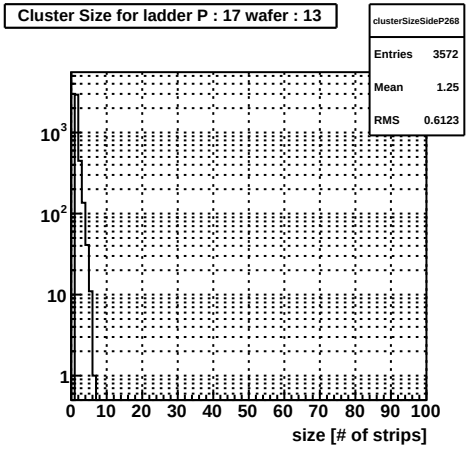

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 14969
Mean 1.236
RMS 0.6273
size [# of strips]

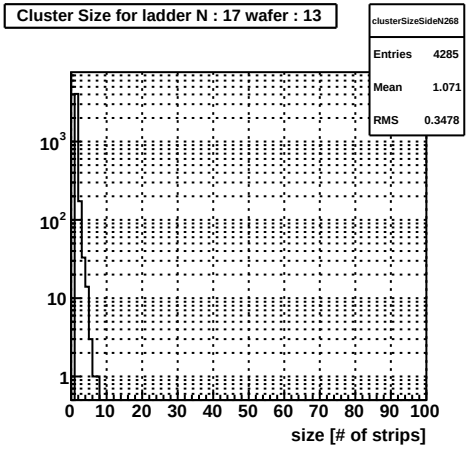

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 776
Mean 1.303
RMS 0.6959
size [# of strips]

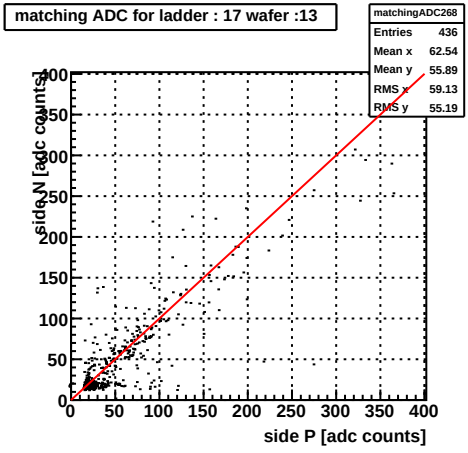

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 261
Mean x 74.96
Mean y 74.44
RMS x 60.07
RMS y 57.26
side N [adc counts]
side P [adc counts]

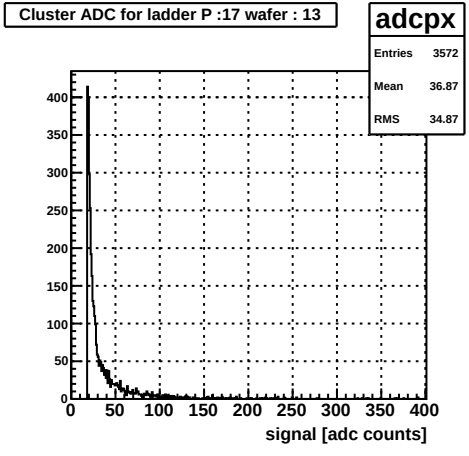

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 14969
Mean 34.98
RMS 29.86
signal [adc counts]

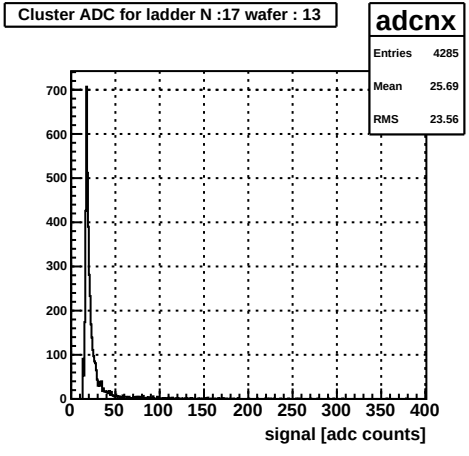

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 776
Mean 46.23
RMS 51.5
signal [adc counts]

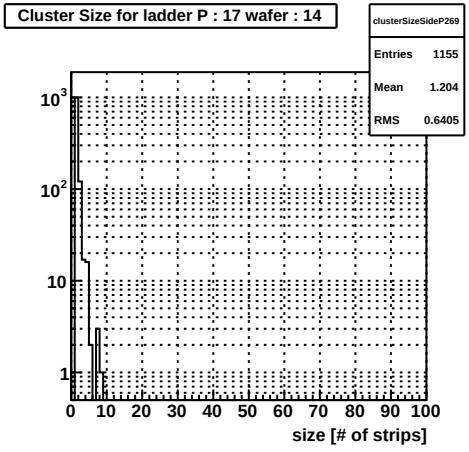

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3572
Mean 1.25
RMS 0.6123
size [# of strips]

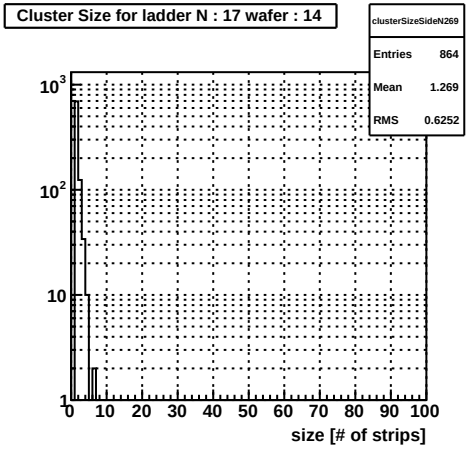

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 4285
Mean 1.071
RMS 0.3478
size [# of strips]

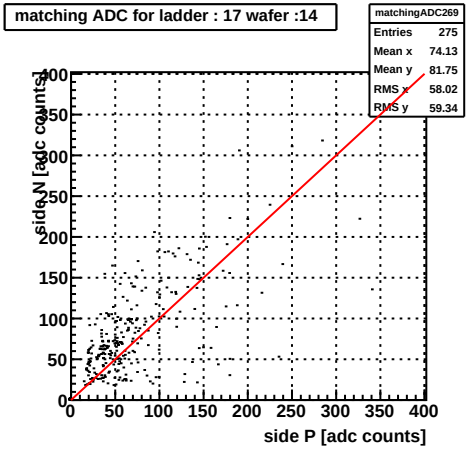

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 436
Mean x 62.54
Mean y 55.89
RMS x 59.13
RMS y 55.19
side N [adc counts]
side P [adc counts]

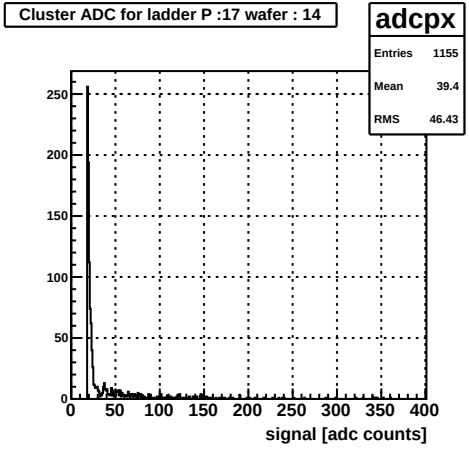

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3572
Mean 36.87
RMS 34.87
signal [adc counts]

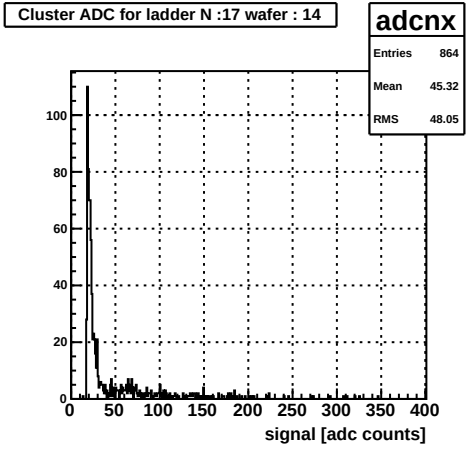

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 4285
Mean 25.69
RMS 23.56
signal [adc counts]

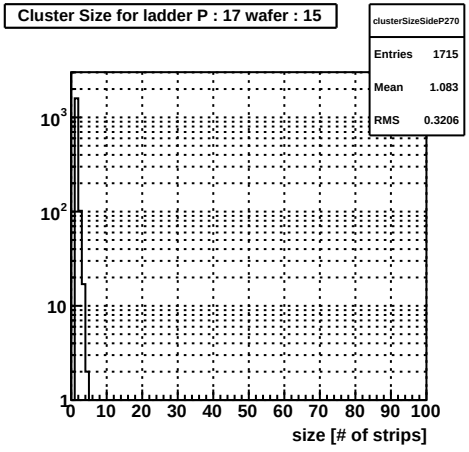

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1155
Mean 1.204
RMS 0.6405
size [# of strips]

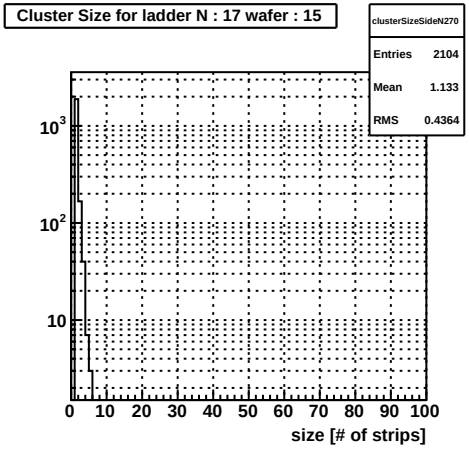

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 864
Mean 1.269
RMS 0.6252
size [# of strips]

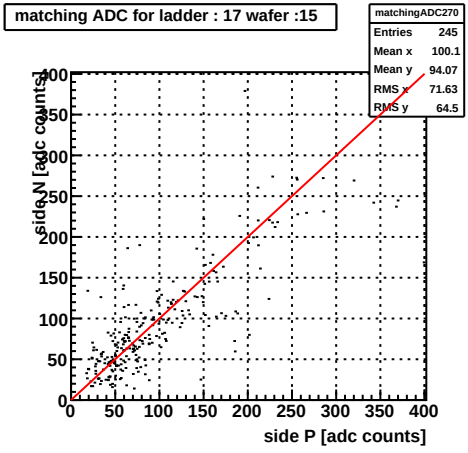

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 275
Mean x 74.13
Mean y 81.75
RMS x 58.02
RMS y 59.34
side N [adc counts]
side P [adc counts]

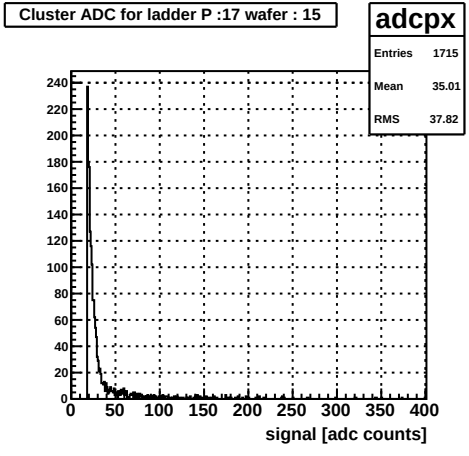

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1155
Mean 39.4
RMS 46.43
signal [adc counts]

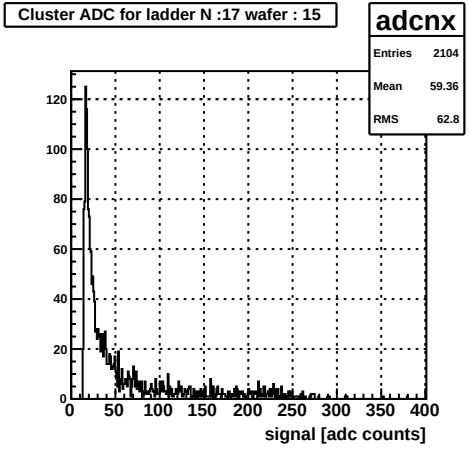

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 864
Mean 45.32
RMS 48.05
signal [adc counts]

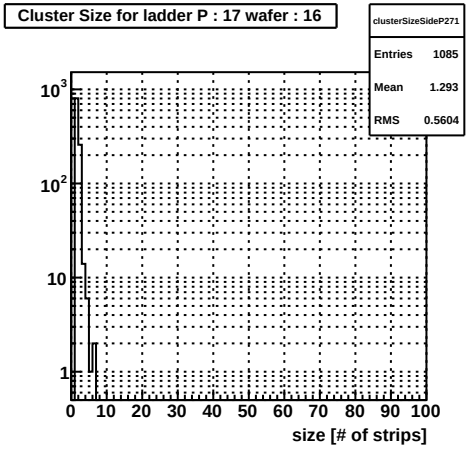

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1715
Mean 1.083
RMS 0.3206
size [# of strips]

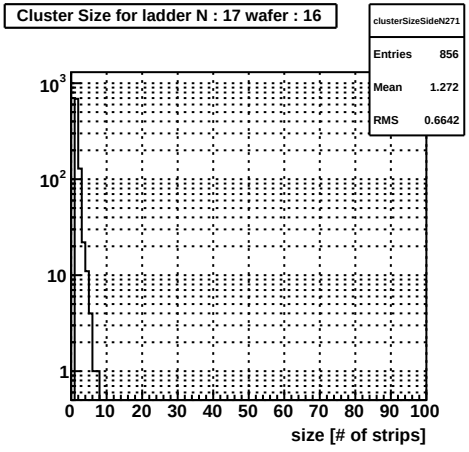

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2104
Mean 1.133
RMS 0.4364
size [# of strips]

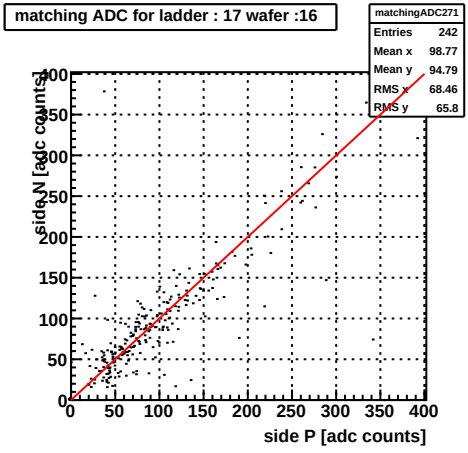

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 245
Mean x 100.1
Mean y 94.07
RMS x 71.63
RMS y 64.5
side N [adc counts]
side P [adc counts]

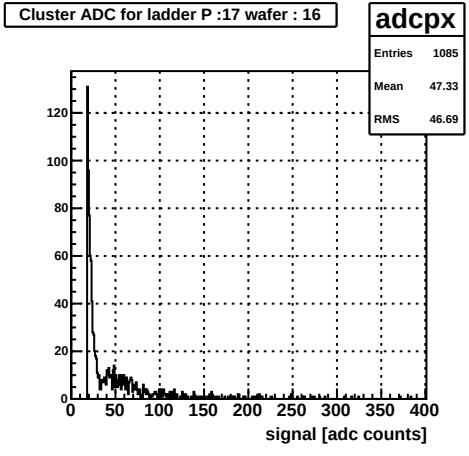

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1715
Mean 35.01
RMS 37.82
signal [adc counts]

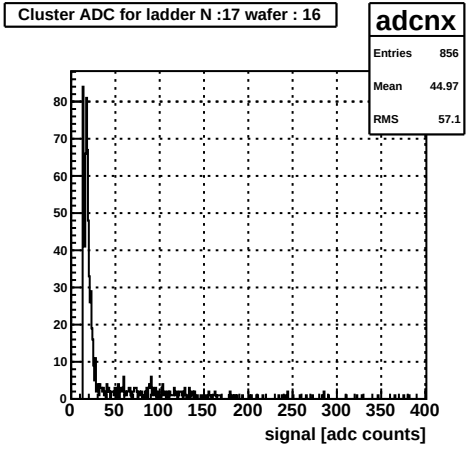

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2104
Mean 59.36
RMS 62.8
signal [adc counts]

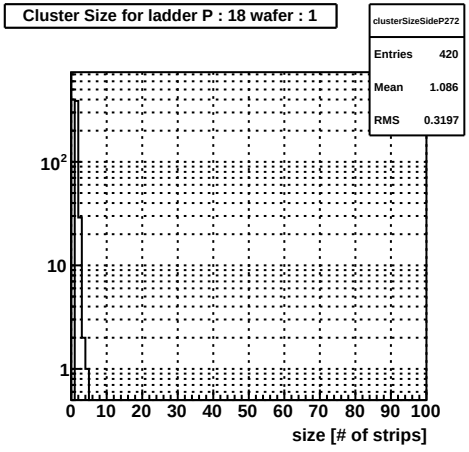

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1085
Mean 1.293
RMS 0.5604
size [# of strips]

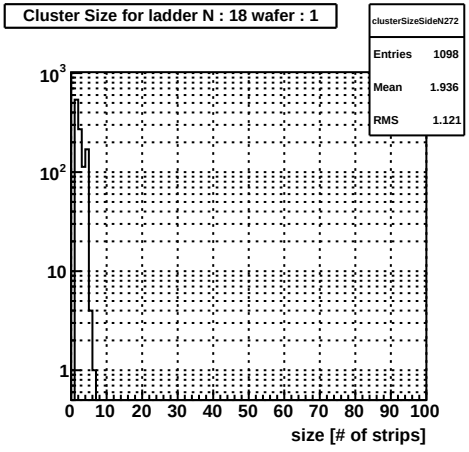

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 856
Mean 1.272
RMS 0.6642
size [# of strips]

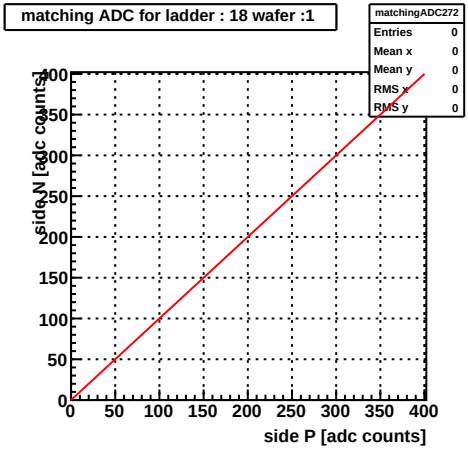

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 242
Mean x 98.77
Mean y 94.79
RMS x 68.46
RMS y 65.8
side N [adc counts]
side P [adc counts]

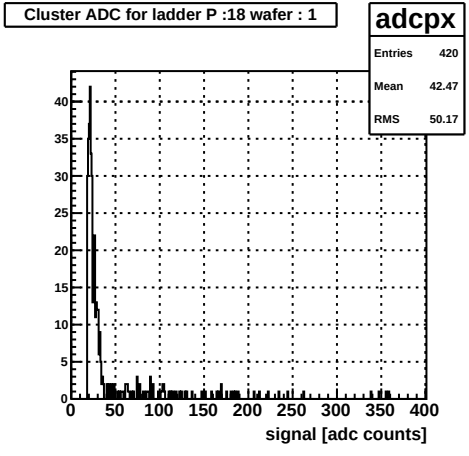

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1085
Mean 47.33
RMS 46.69
signal [adc counts]

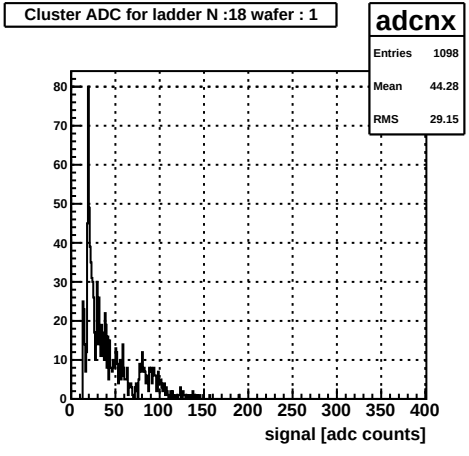

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 856
Mean 44.97
RMS 57.1
signal [adc counts]

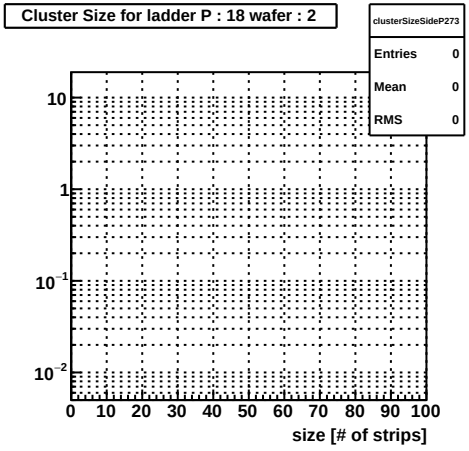

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 420
Mean 1.086
RMS 0.3197
size [# of strips]

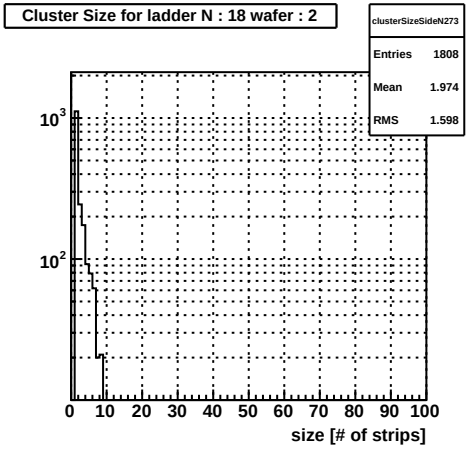

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1098
Mean 1.936
RMS 1.121
size [# of strips]

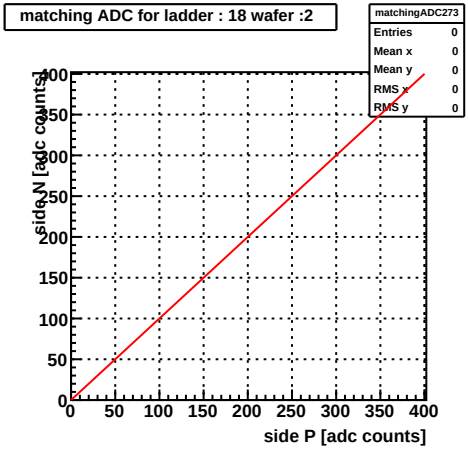

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

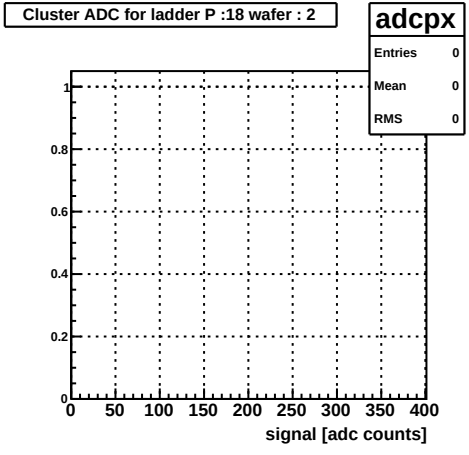

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 420
Mean 42.47
RMS 50.17
signal [adc counts]

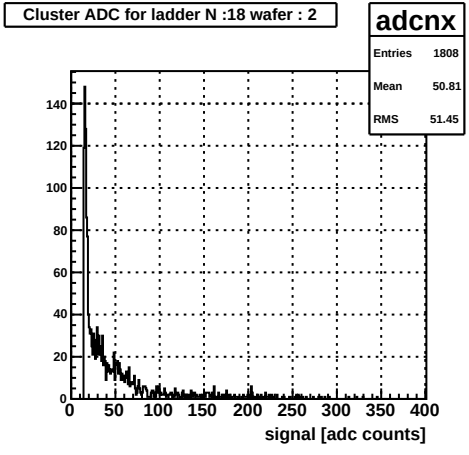

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1098
Mean 44.28
RMS 29.15
signal [adc counts]

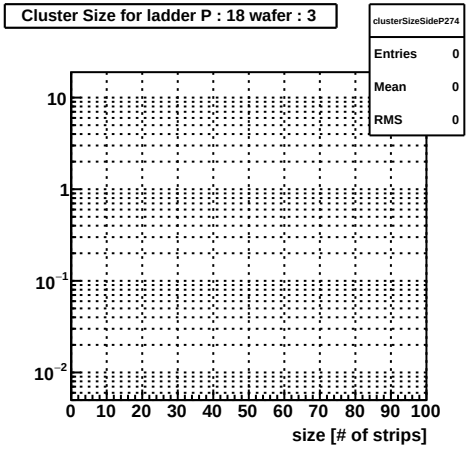

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

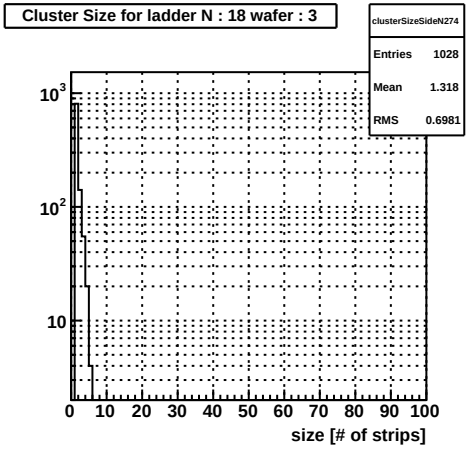

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1808
Mean 1.974
RMS 1.598
size [# of strips]

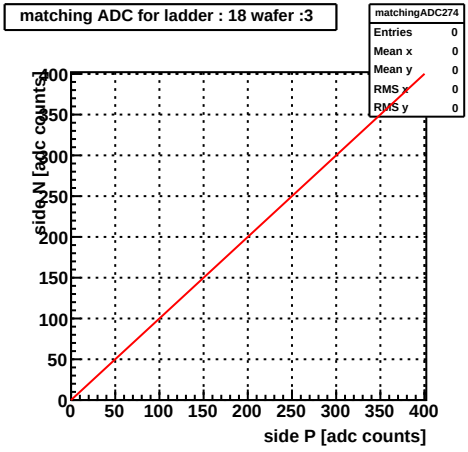

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

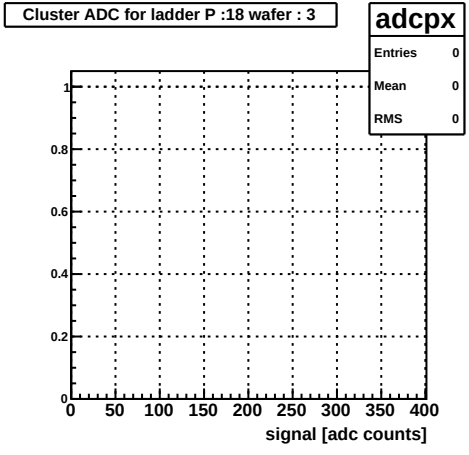

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

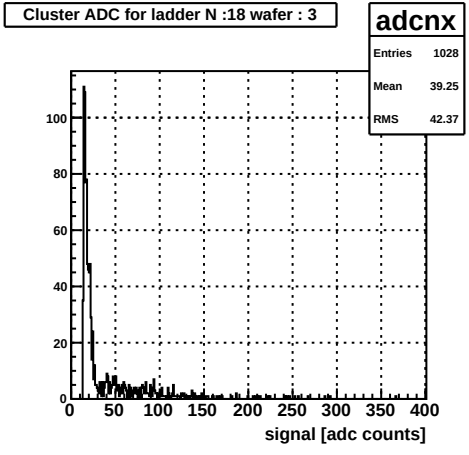

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1808
Mean 50.81
RMS 51.45
signal [adc counts]

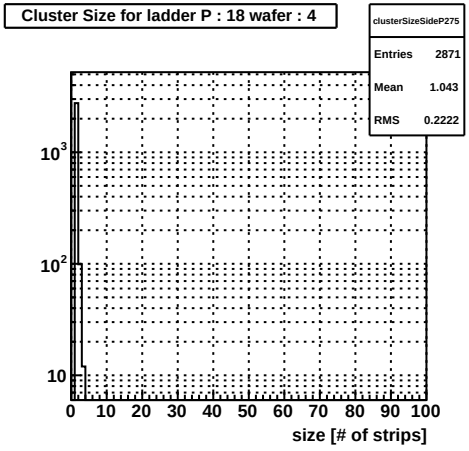

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

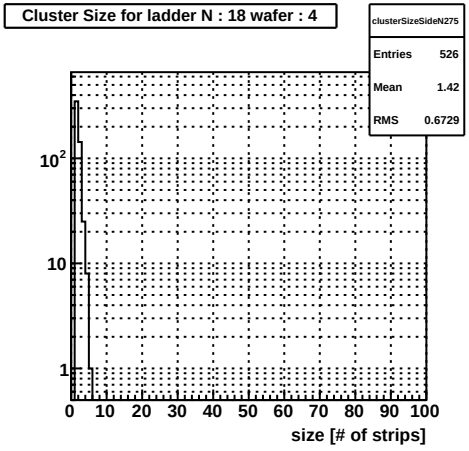

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1028
Mean 1.318
RMS 0.6981
size [# of strips]

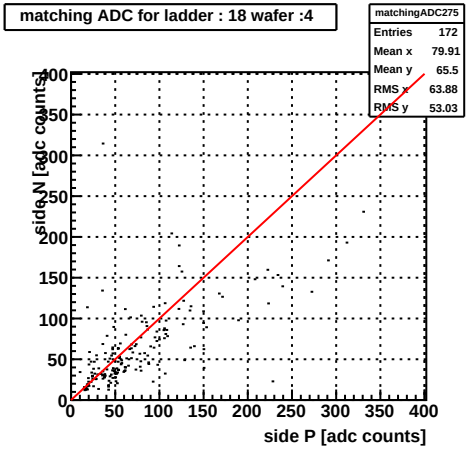

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

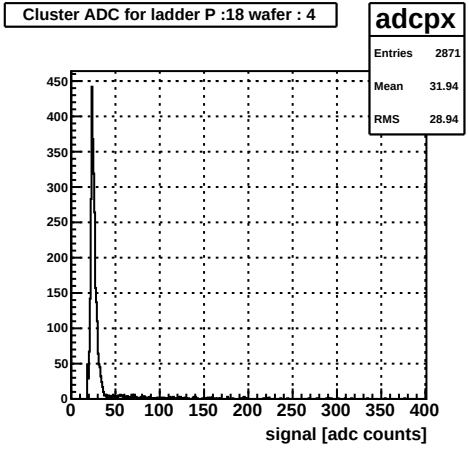

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

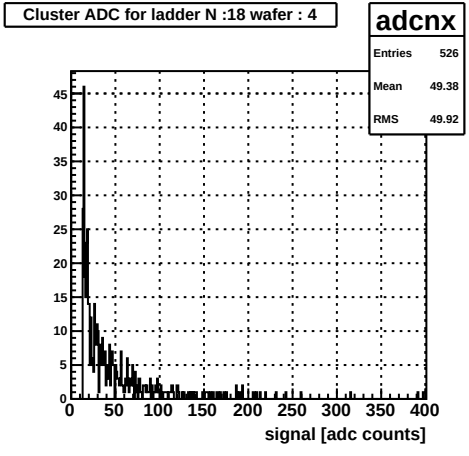

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1028
Mean 39.25
RMS 42.37
signal [adc counts]

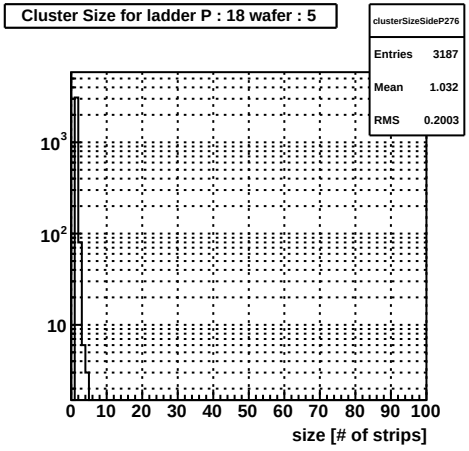

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2871
Mean 1.043
RMS 0.2222
size [# of strips]

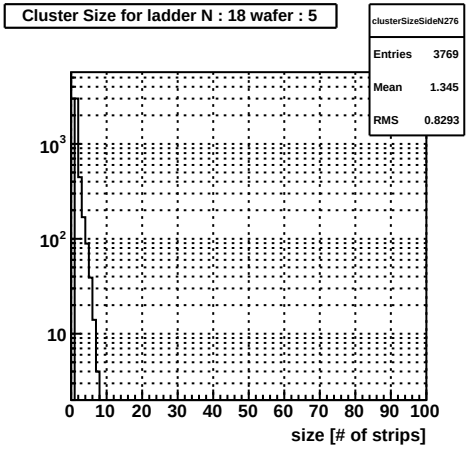

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 526
Mean 1.42
RMS 0.6729
size [# of strips]

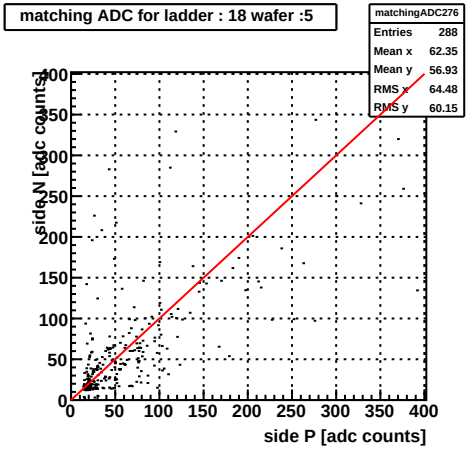

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 172
Mean x 79.91
Mean y 65.5
RMS x 63.88
RMS y 53.03
side N [adc counts]
side P [adc counts]

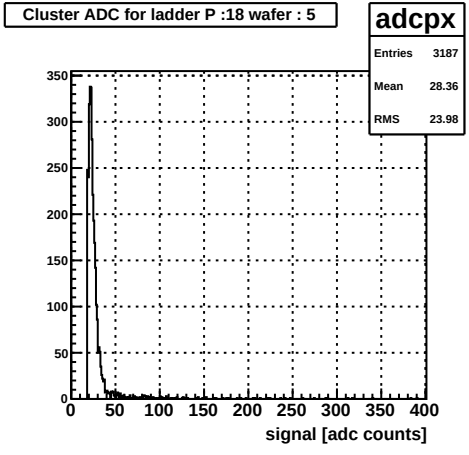

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2871
Mean 31.94
RMS 28.94
signal [adc counts]

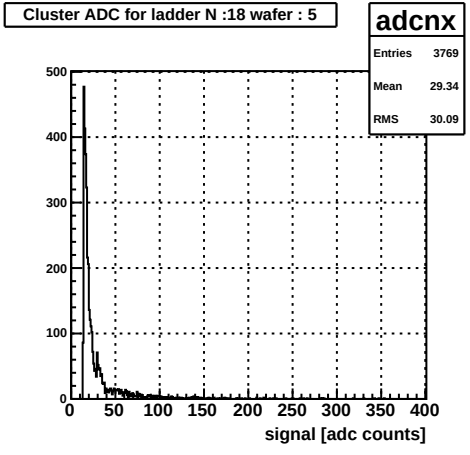

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 526
Mean 49.38
RMS 49.92
signal [adc counts]

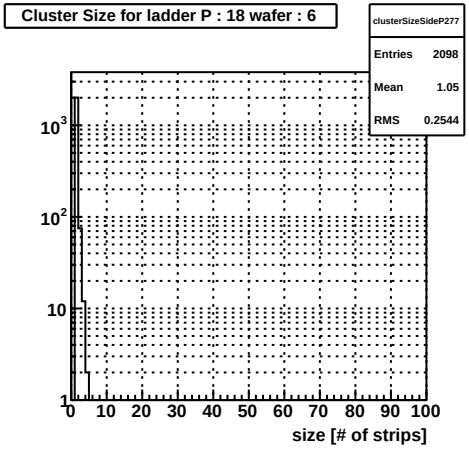

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 3187
Mean 1.032
RMS 0.2003
size [# of strips]

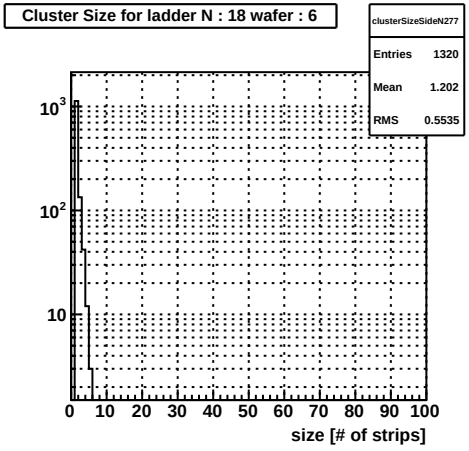

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3769
Mean 1.345
RMS 0.8293
size [# of strips]

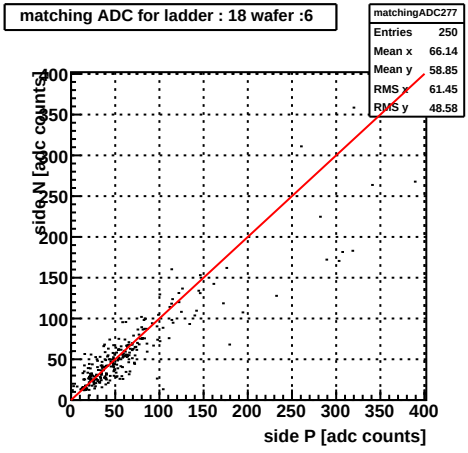

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 288
Mean x 62.35
Mean y 56.93
RMS x 64.48
RMS y 60.15
side N [adc counts]
side P [adc counts]

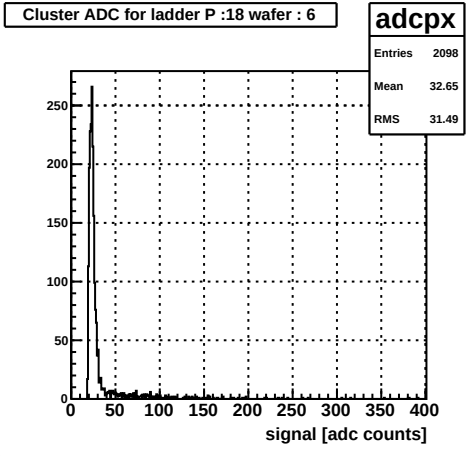

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 3187
Mean 28.36
RMS 23.98
signal [adc counts]

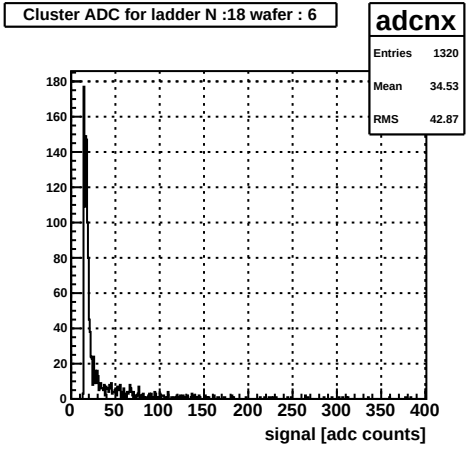

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3769
Mean 29.34
RMS 30.09
signal [adc counts]

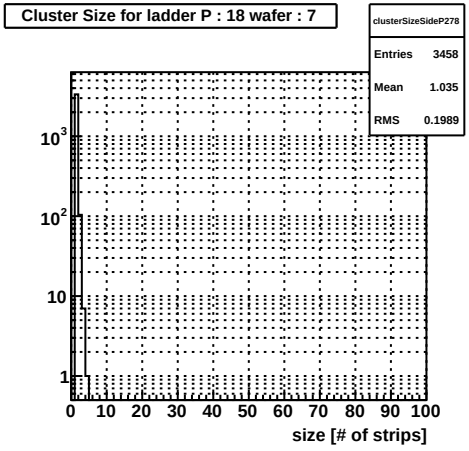

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2098
Mean 1.05
RMS 0.2544
size [# of strips]

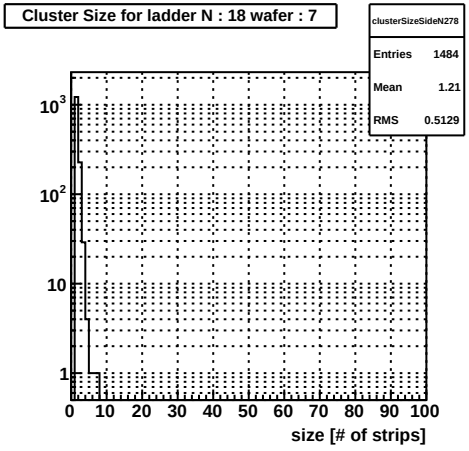

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1320
Mean 1.202
RMS 0.5535
size [# of strips]

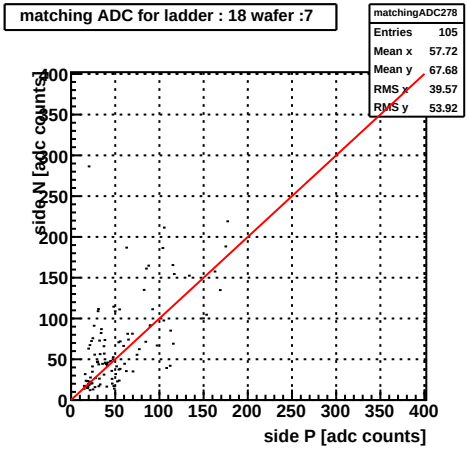

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 250
Mean x 66.14
Mean y 58.85
RMS x 61.45
RMS y 48.58
side N [adc counts]
side P [adc counts]

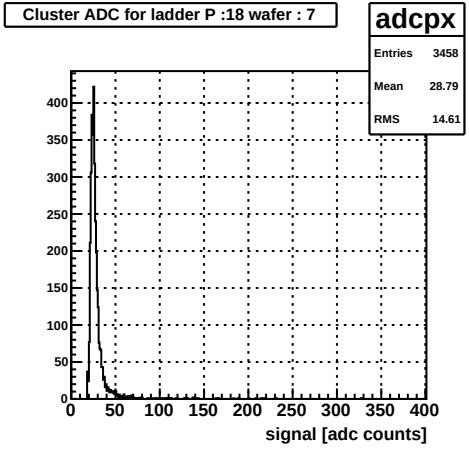

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2098
Mean 32.65
RMS 31.49
signal [adc counts]

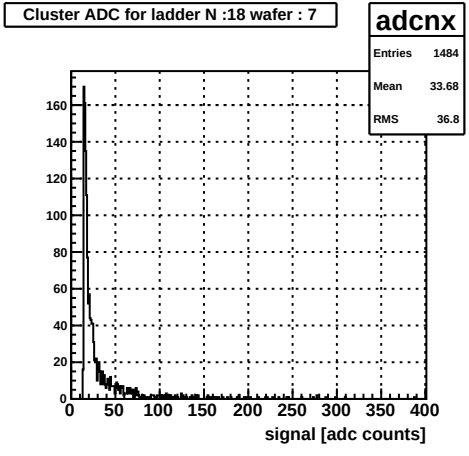

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1320
Mean 34.53
RMS 42.87
signal [adc counts]

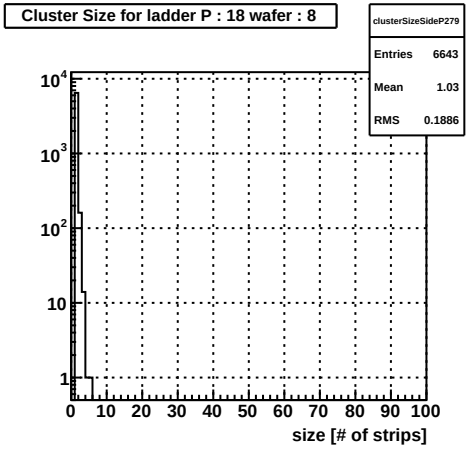

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3458
Mean 1.035
RMS 0.1989
size [# of strips]

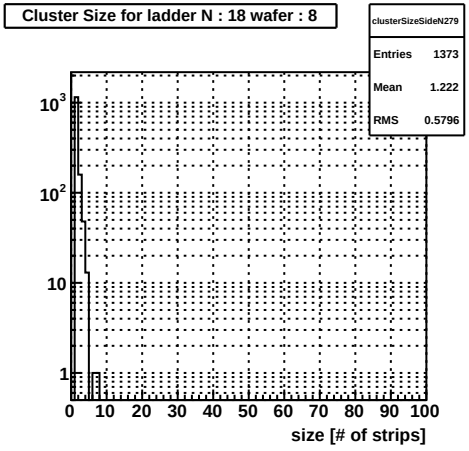

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1484
Mean 1.21
RMS 0.5129
size [# of strips]

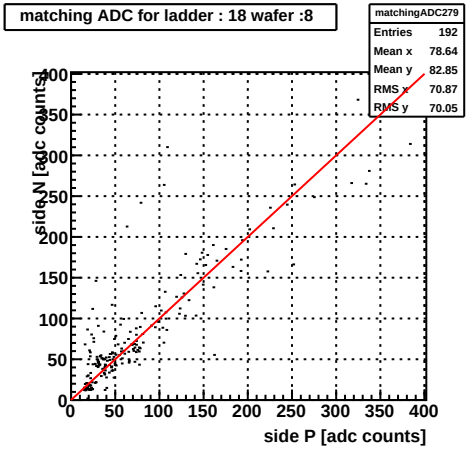

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 105
Mean x 57.72
Mean y 67.68
RMS x 39.57
RMS y 53.92
side N [adc counts]
side P [adc counts]

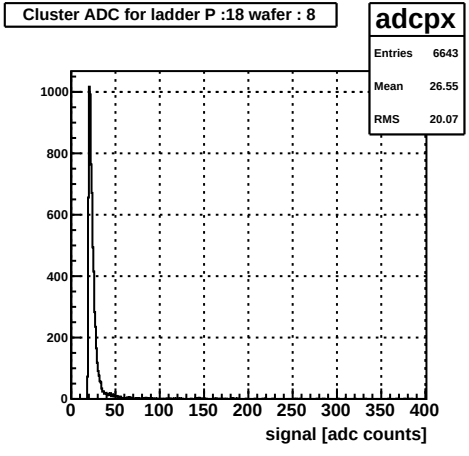

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3458
Mean 28.79
RMS 14.61
signal [adc counts]

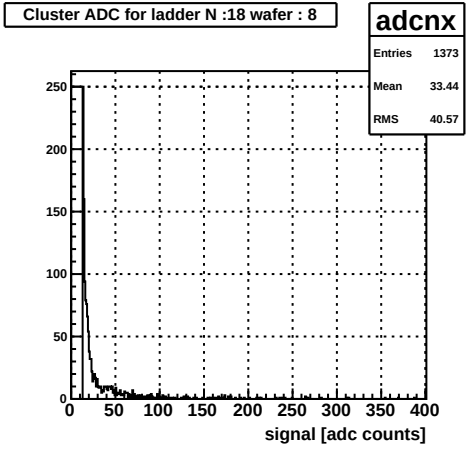

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1484
Mean 33.68
RMS 36.8
signal [adc counts]

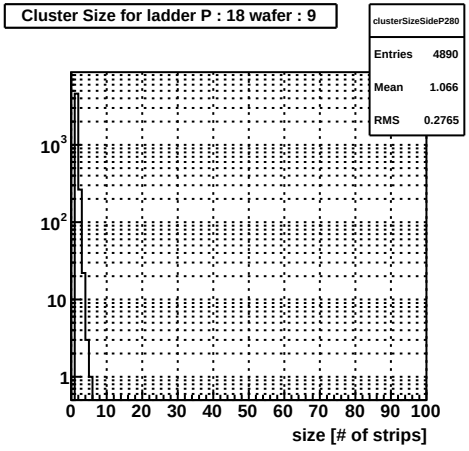

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 6643
Mean 1.03
RMS 0.1886
size [# of strips]

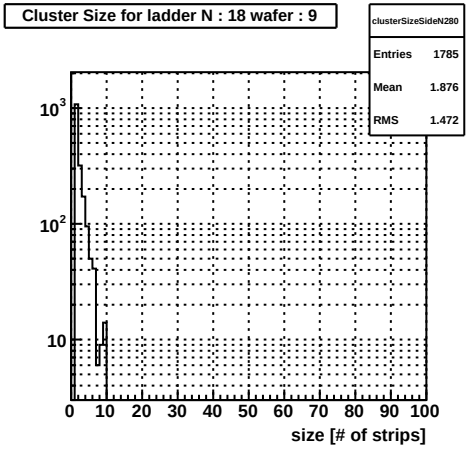

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1373
Mean 1.222
RMS 0.5796
size [# of strips]

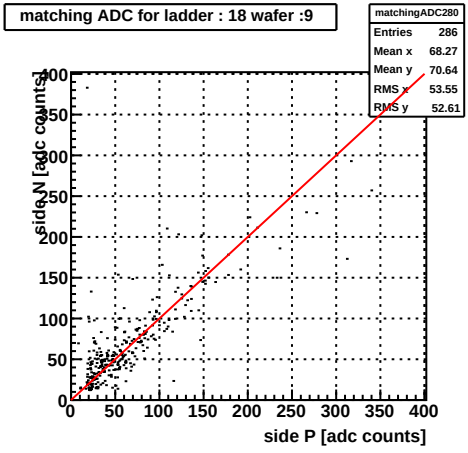

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 192
Mean x 78.64
Mean y 82.85
RMS x 70.87
RMS y 70.05
side N [adc counts]
side P [adc counts]

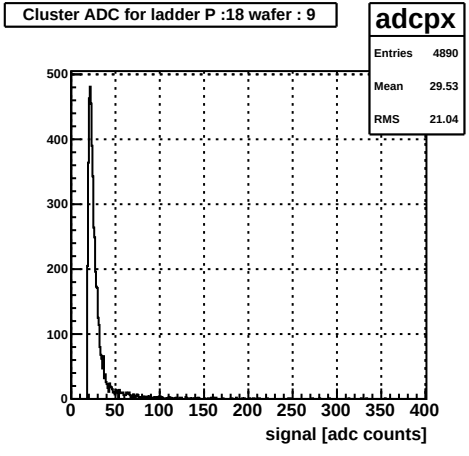

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 6643
Mean 26.55
RMS 20.07
signal [adc counts]

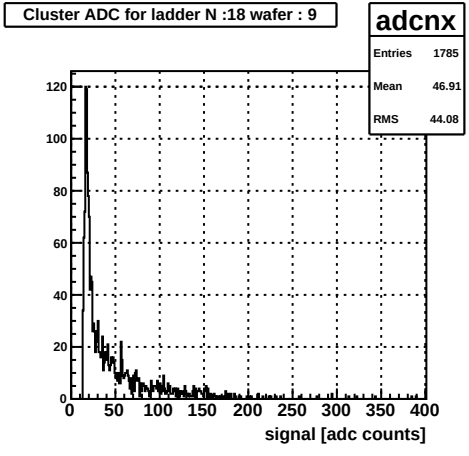

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1373
Mean 33.44
RMS 40.57
signal [adc counts]

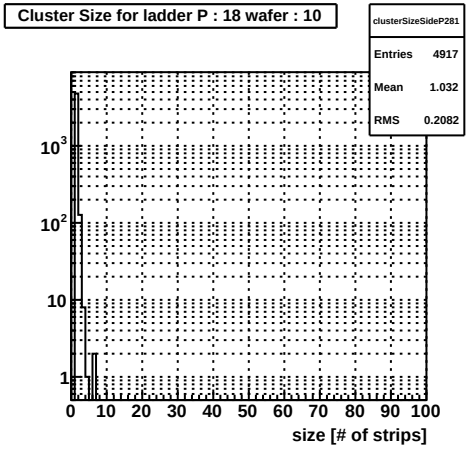

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 4890
Mean 1.066
RMS 0.2765
size [# of strips]

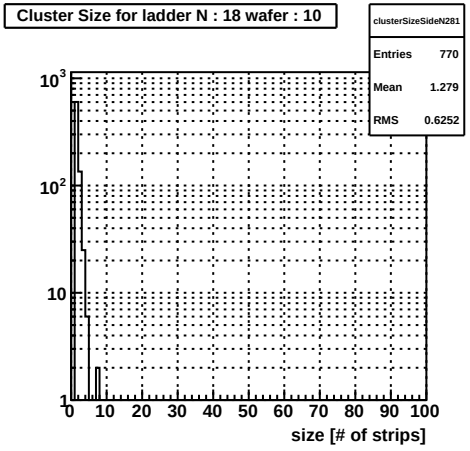

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1785
Mean 1.876
RMS 1.472
size [# of strips]

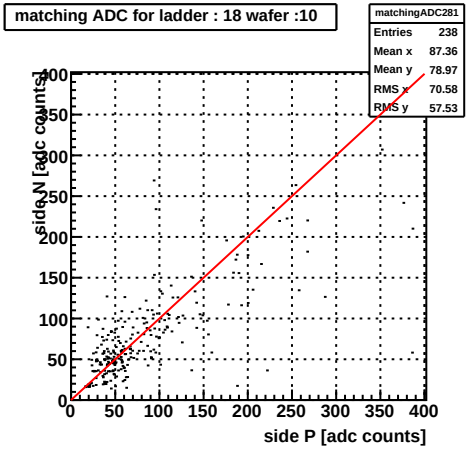

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 286
Mean x 68.27
Mean y 70.64
RMS x 53.55
RMS y 52.61
side N [adc counts]
side P [adc counts]

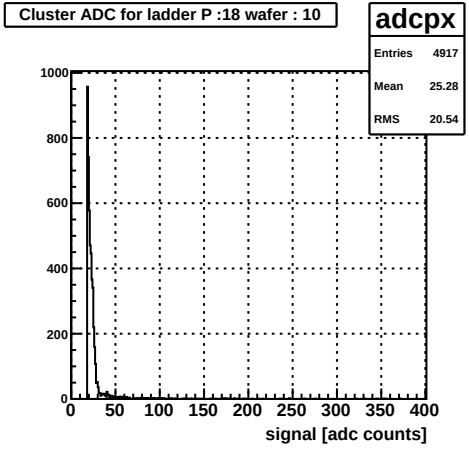

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 4890
Mean 29.53
RMS 21.04
signal [adc counts]

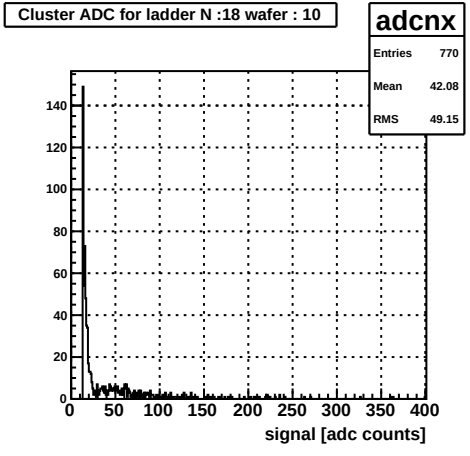

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1785
Mean 46.91
RMS 44.08
signal [adc counts]

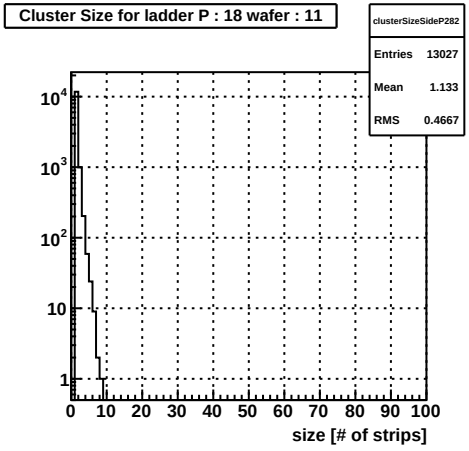

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 4917
Mean 1.032
RMS 0.2082
size [# of strips]

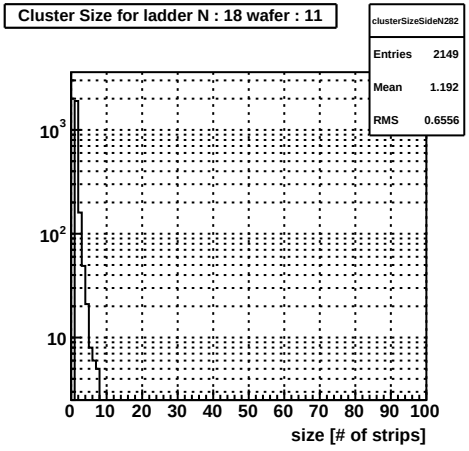

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 770
Mean 1.279
RMS 0.6252
size [# of strips]

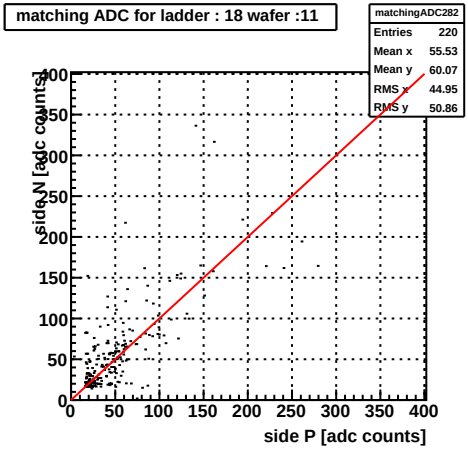

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 238
Mean x 87.36
Mean y 78.97
RMS x 70.58
RMS y 57.53
side N [adc counts]
side P [adc counts]

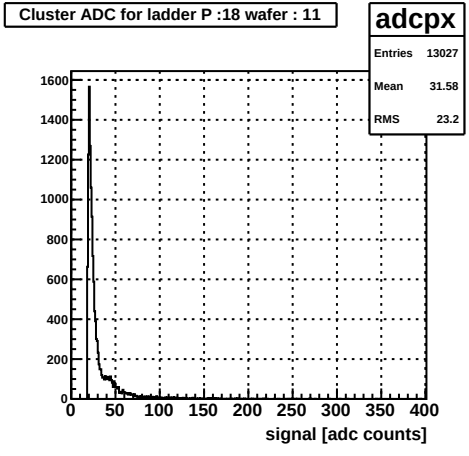

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 4917
Mean 25.28
RMS 20.54
signal [adc counts]

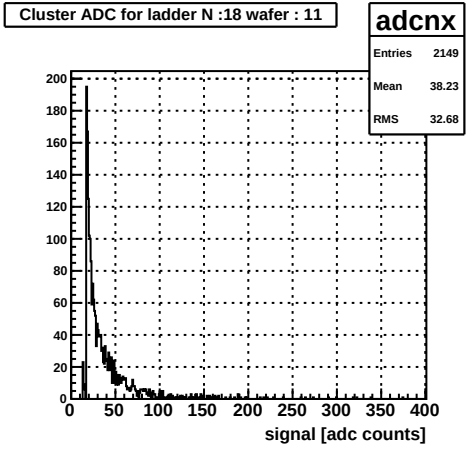

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 770
Mean 42.08
RMS 49.15
signal [adc counts]

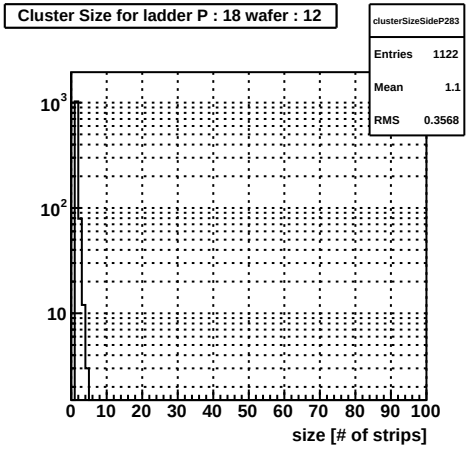

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 13027
Mean 1.133
RMS 0.4667
size [# of strips]

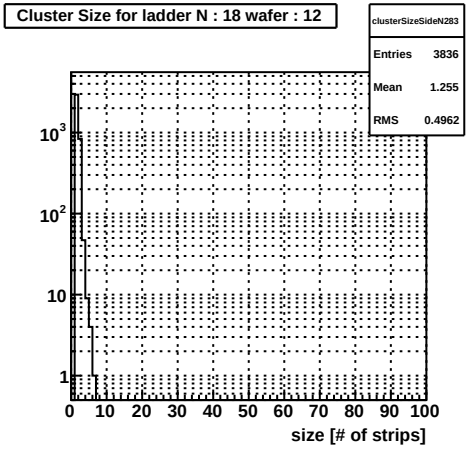

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 2149
Mean 1.192
RMS 0.6556
size [# of strips]

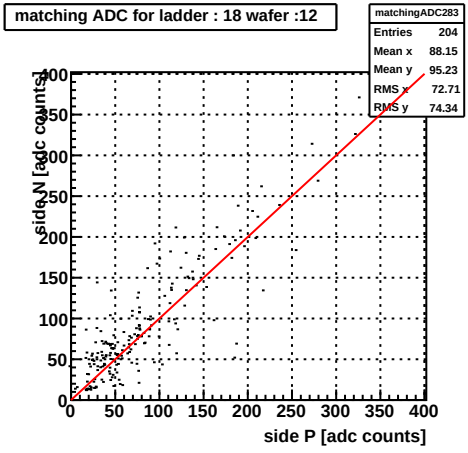

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 220
Mean x 55.53
Mean y 60.07
RMS x 44.95
RMS y 50.86
side N [adc counts]
side P [adc counts]

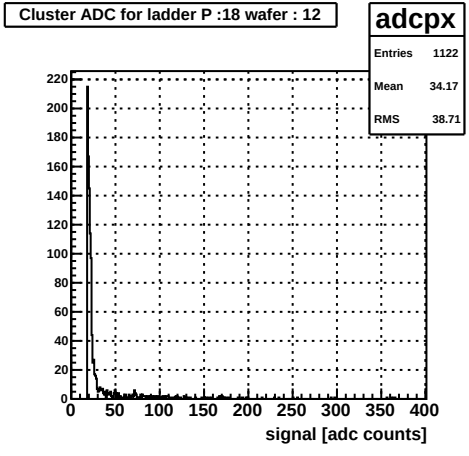

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 13027
Mean 31.58
RMS 23.2
signal [adc counts]

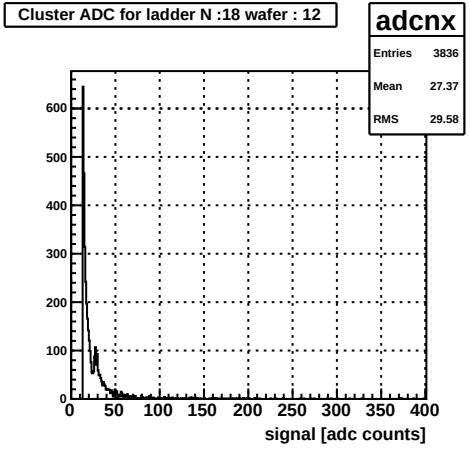

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 2149
Mean 38.23
RMS 32.68
signal [adc counts]

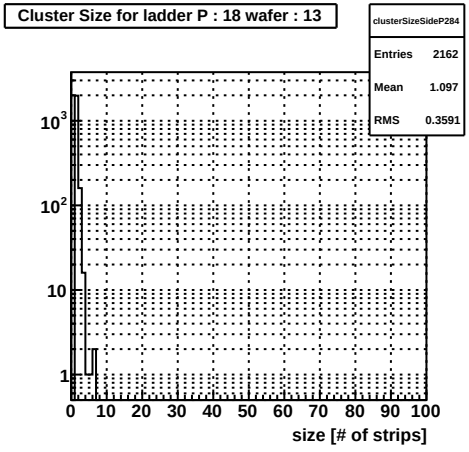

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1122
Mean 1.1
RMS 0.3568
size [# of strips]

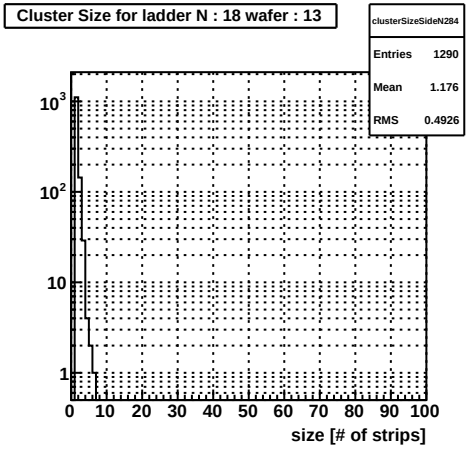

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3836
Mean 1.255
RMS 0.4962
size [# of strips]

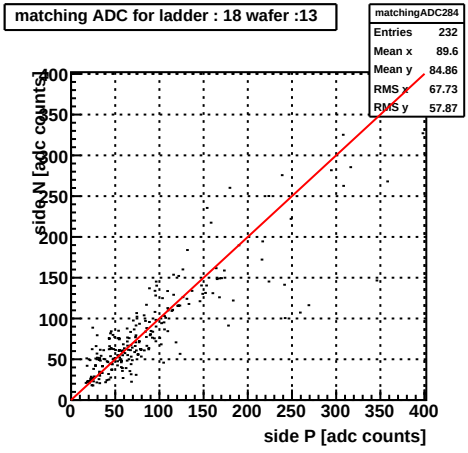

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 204
Mean x 88.15
Mean y 95.23
RMS x 72.71
RMS y 74.34
side N [adc counts]
side P [adc counts]

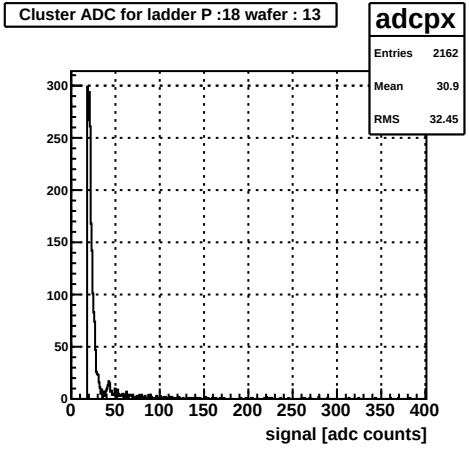

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1122
Mean 34.17
RMS 38.71
signal [adc counts]

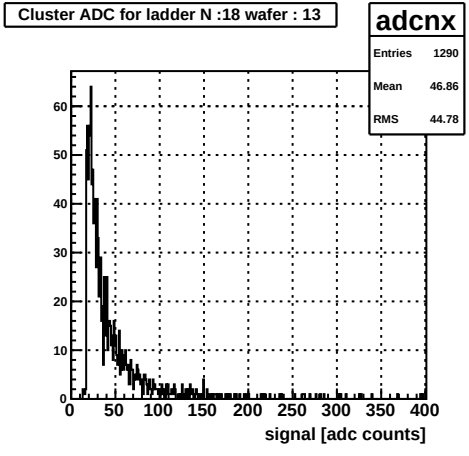

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3836
Mean 27.37
RMS 29.58
signal [adc counts]

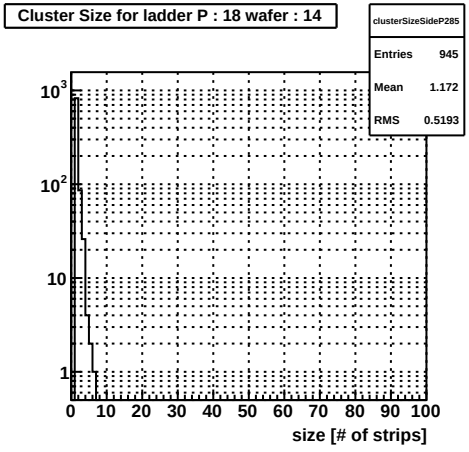

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2162
Mean 1.097
RMS 0.3591
size [# of strips]

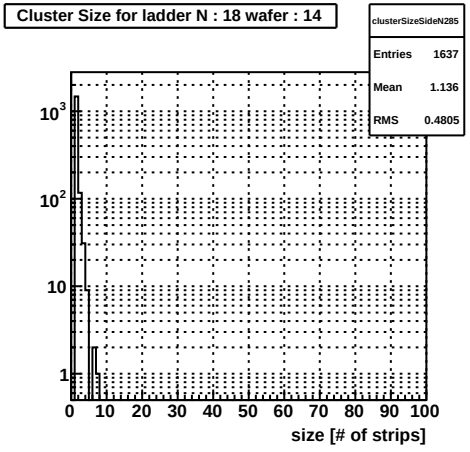

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1290
Mean 1.176
RMS 0.4926
size [# of strips]

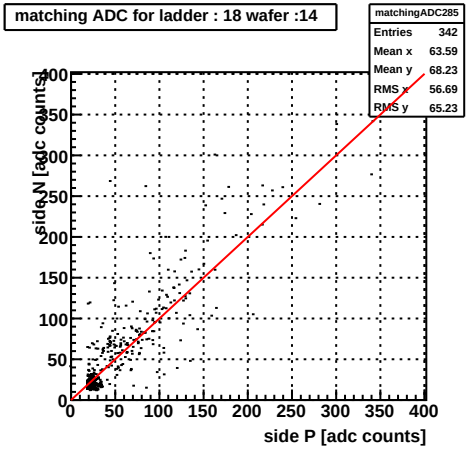

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 232
Mean x 89.6
Mean y 84.86
RMS x 67.73
RMS y 57.87
side N [adc counts]
side P [adc counts]

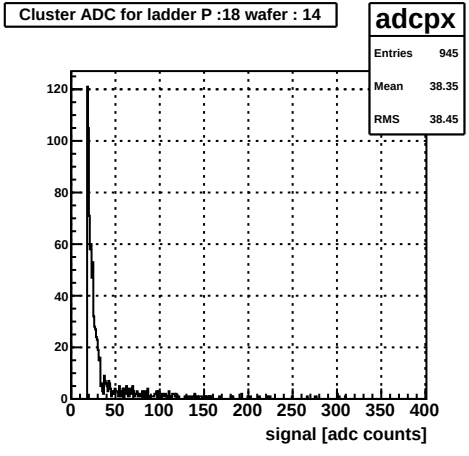

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2162
Mean 30.9
RMS 32.45
signal [adc counts]

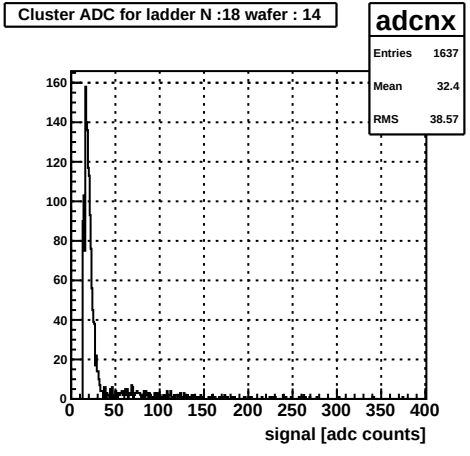

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1290
Mean 46.86
RMS 44.78
signal [adc counts]

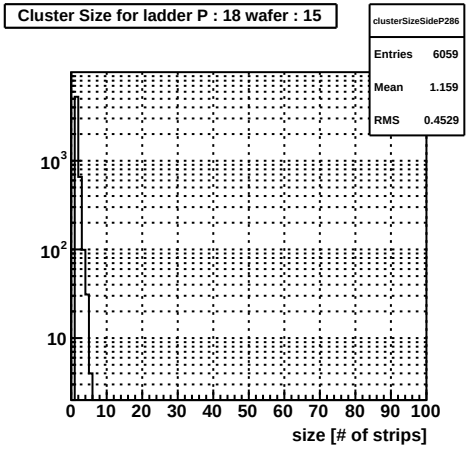

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 945
Mean 1.172
RMS 0.5193
size [# of strips]

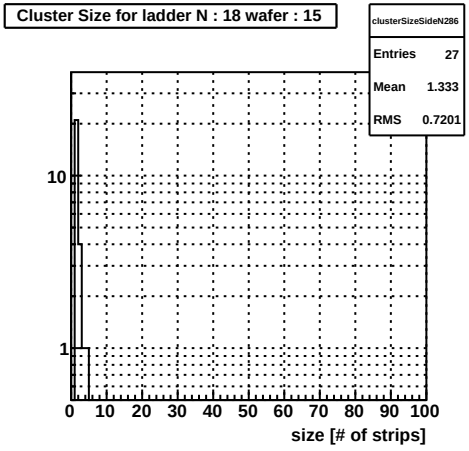

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1637
Mean 1.136
RMS 0.4805
size [# of strips]

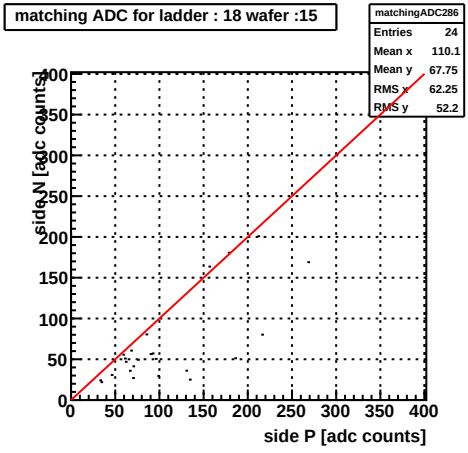

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 342
Mean x 63.59
Mean y 68.23
RMS x 56.69
RMS y 65.23
side N [adc counts]
side P [adc counts]

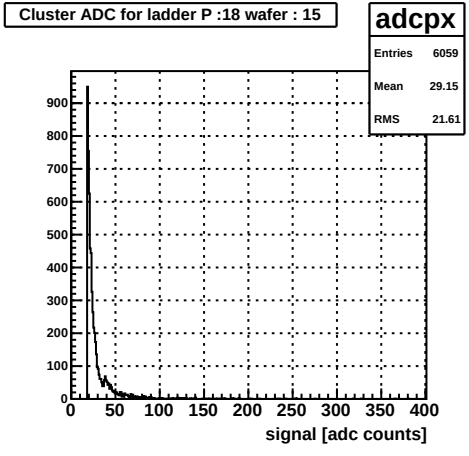

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 945
Mean 38.35
RMS 38.45
signal [adc counts]

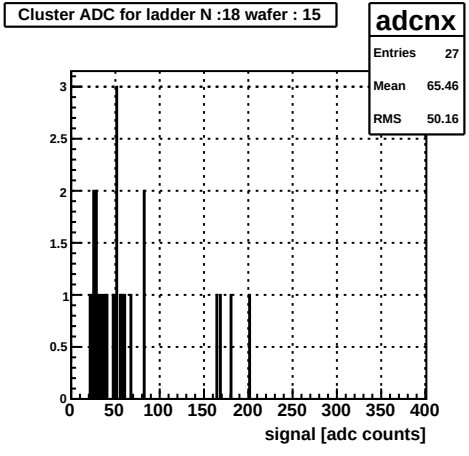

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1637
Mean 32.4
RMS 38.57
signal [adc counts]

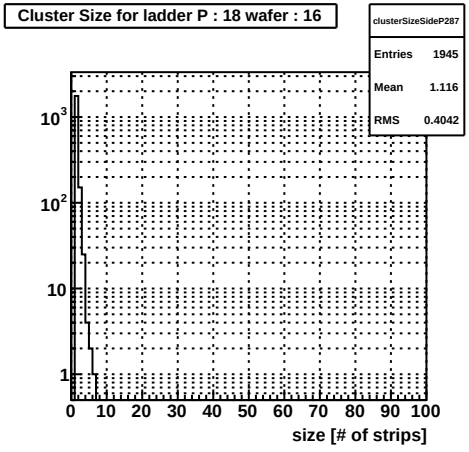

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 6059
Mean 1.159
RMS 0.4529
size [# of strips]

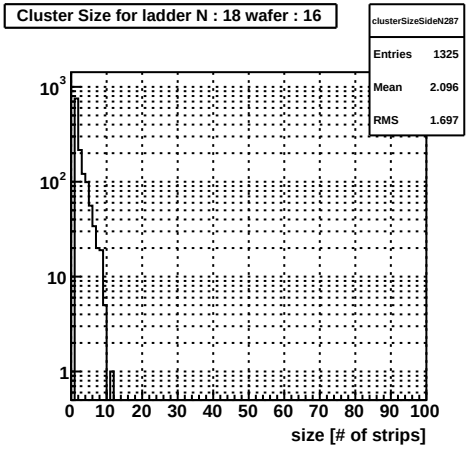

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 27
Mean 1.333
RMS 0.7201
size [# of strips]

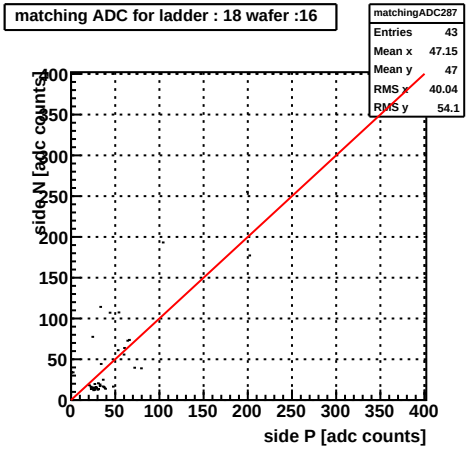

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 24
Mean x 110.1
Mean y 67.75
RMS x 62.25
RMS y 52.2
side N [adc counts]
side P [adc counts]

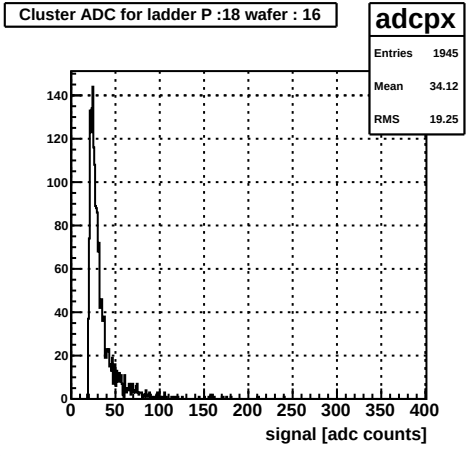

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 6059
Mean 29.15
RMS 21.61
signal [adc counts]

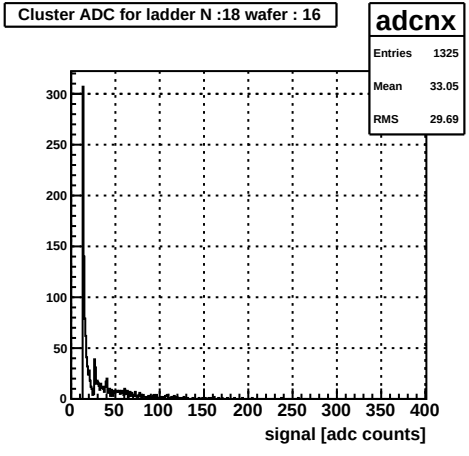

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 27
Mean 65.46
RMS 50.16
signal [adc counts]

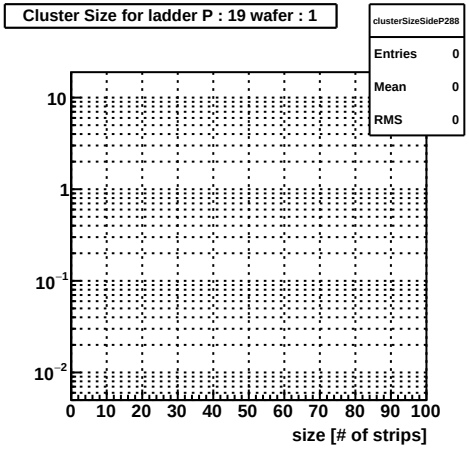

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1945
Mean 1.116
RMS 0.4042
size [# of strips]

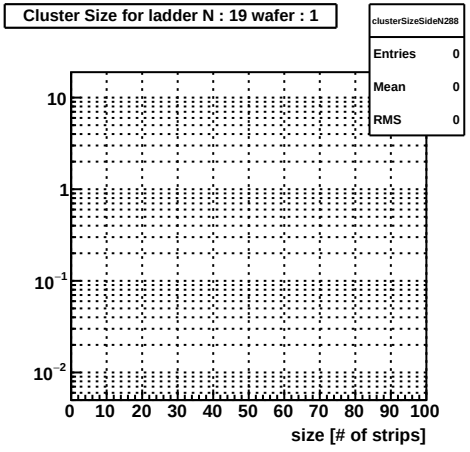

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1325
Mean 2.096
RMS 1.697
size [# of strips]

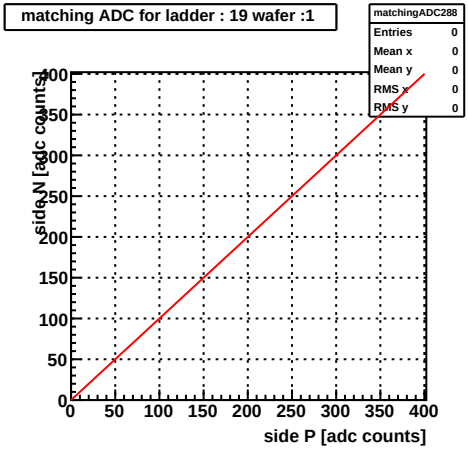

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 43
Mean x 47.15
Mean y 47
RMS x 40.04
RMS y 54.1
side N [adc counts]
side P [adc counts]

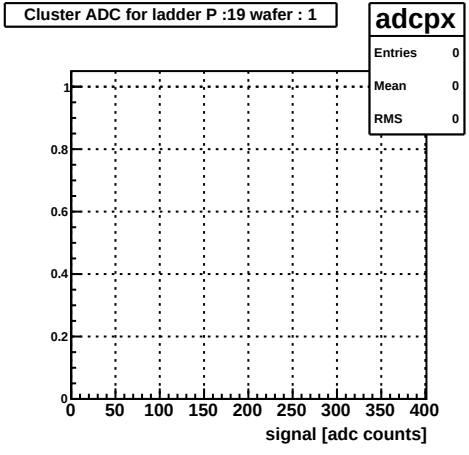

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1945
Mean 34.12
RMS 19.25
signal [adc counts]

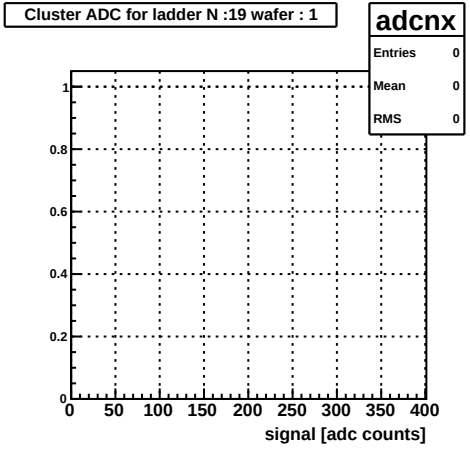

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1325
Mean 33.05
RMS 29.69
signal [adc counts]

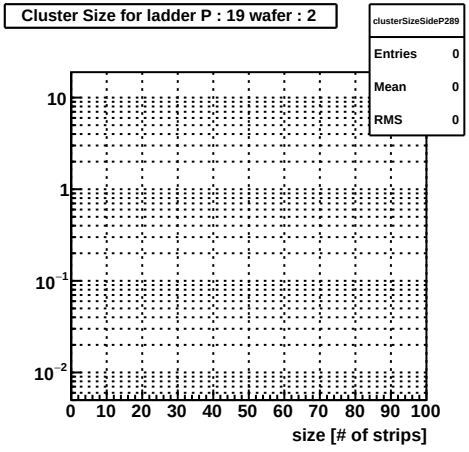

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

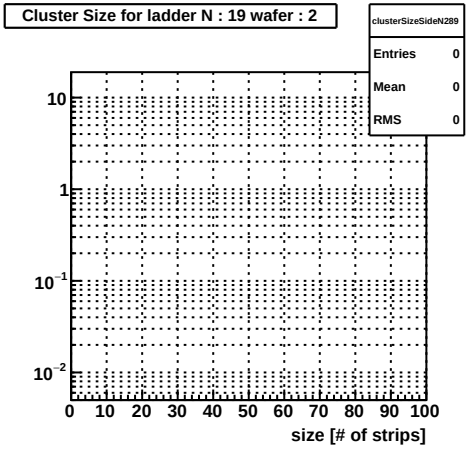

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

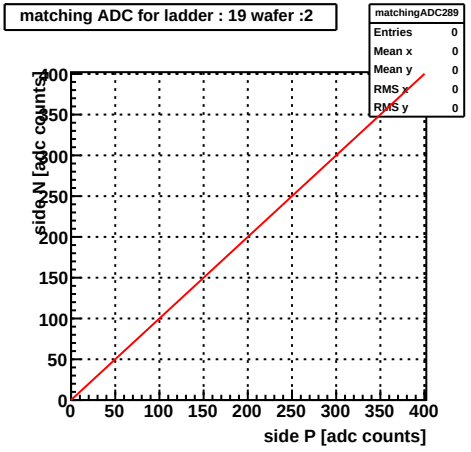

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

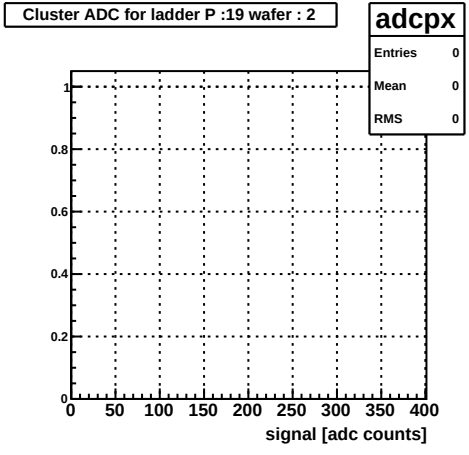

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

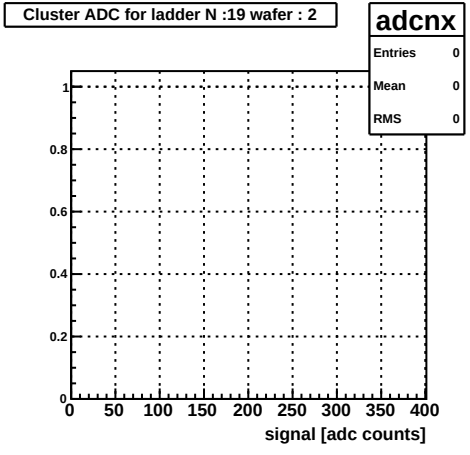

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

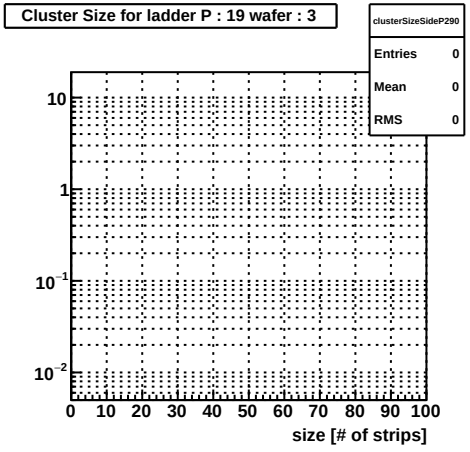

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

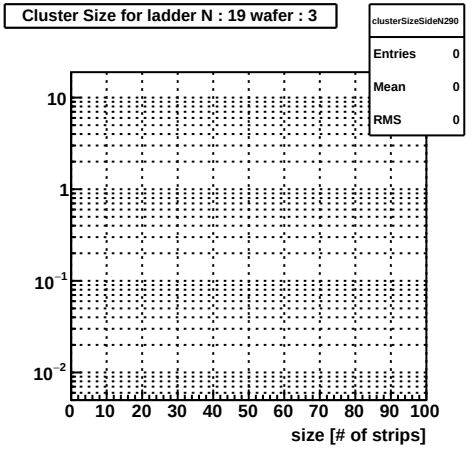

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

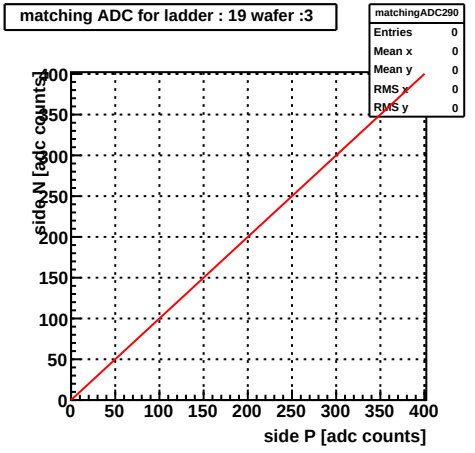

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

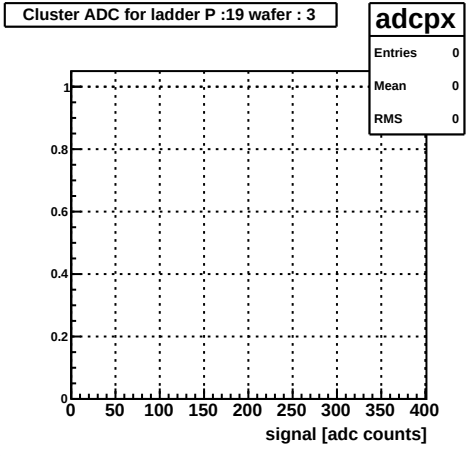

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

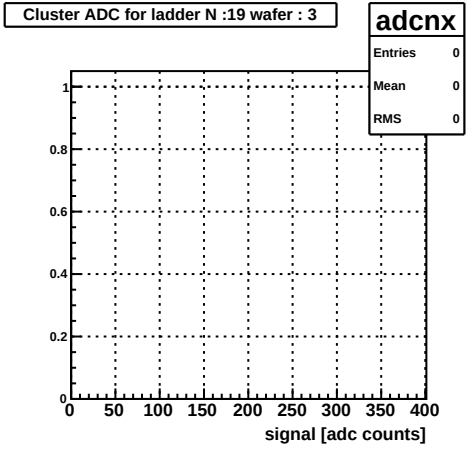

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

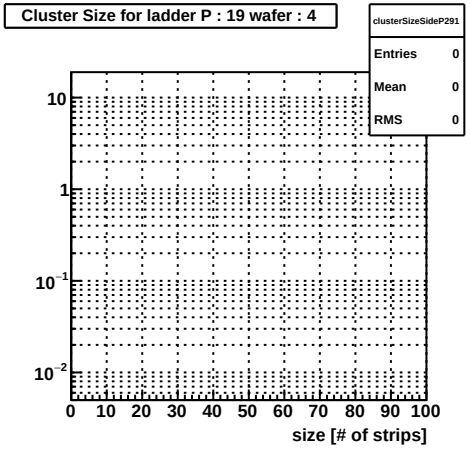

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

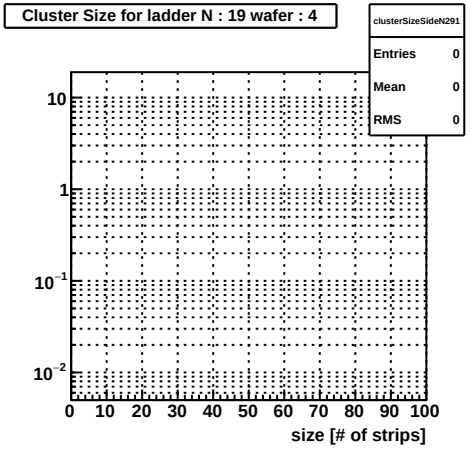

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

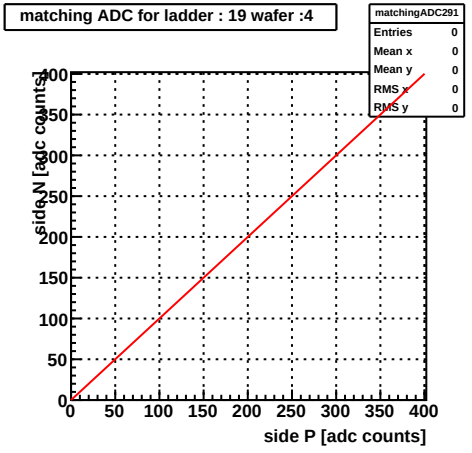

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

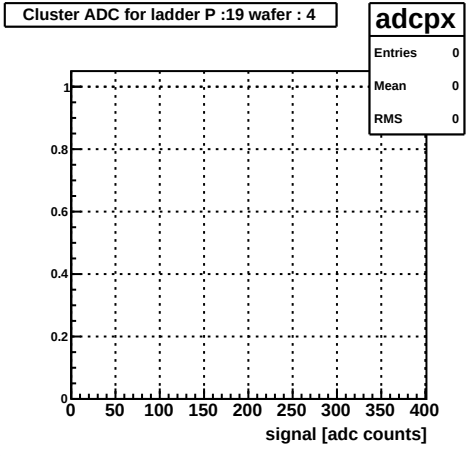

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

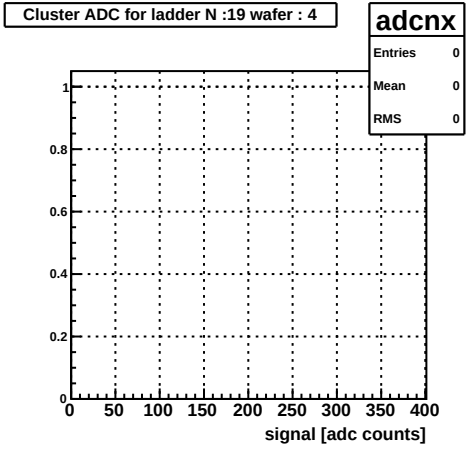

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

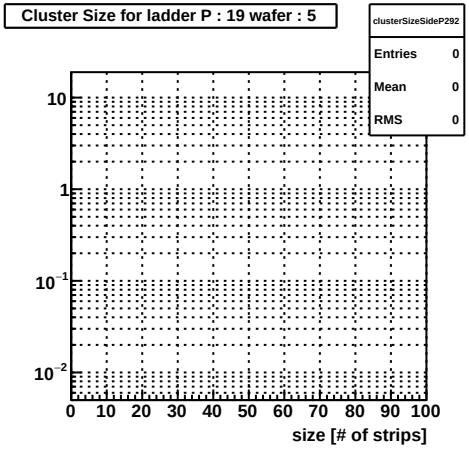

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

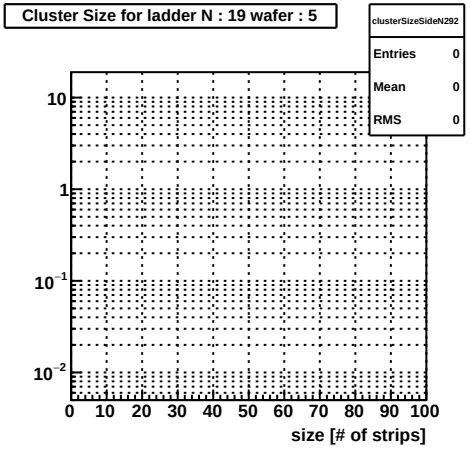

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

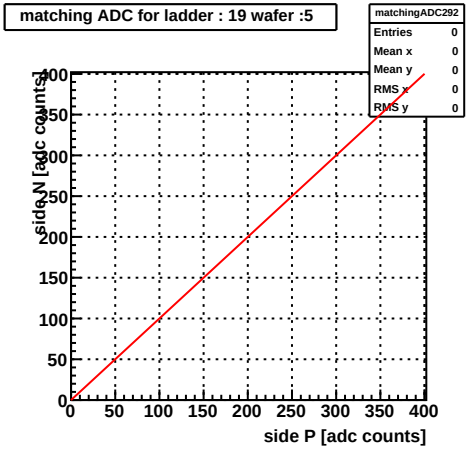

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

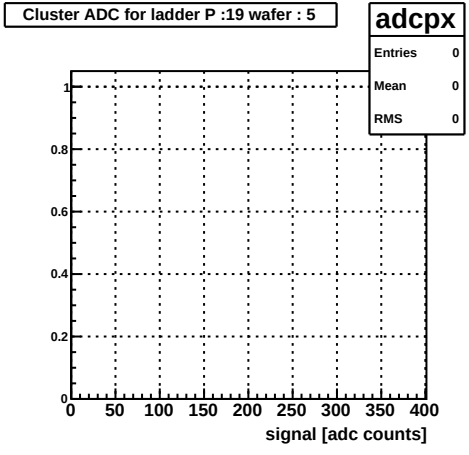

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

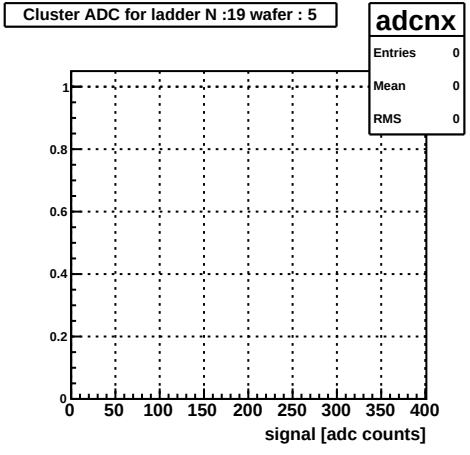

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

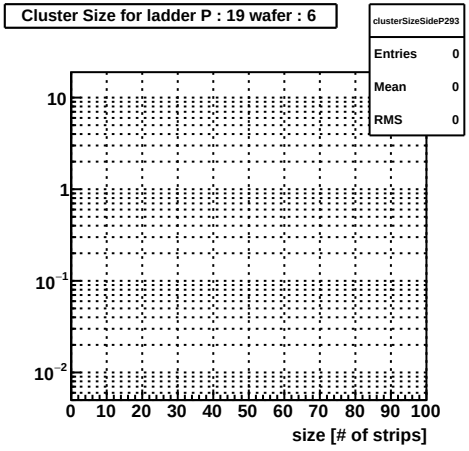

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

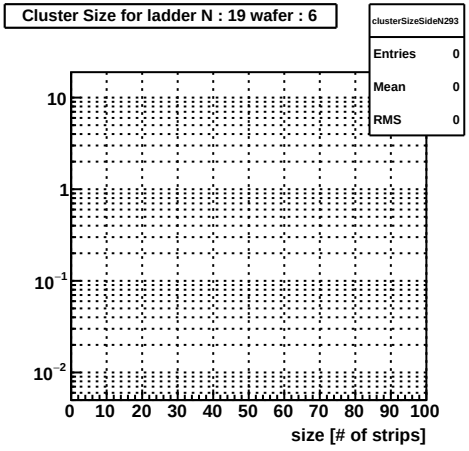

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

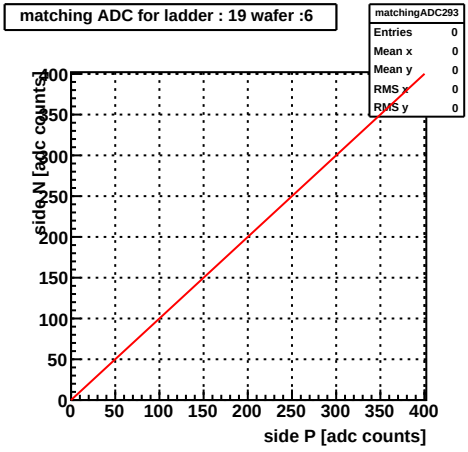

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

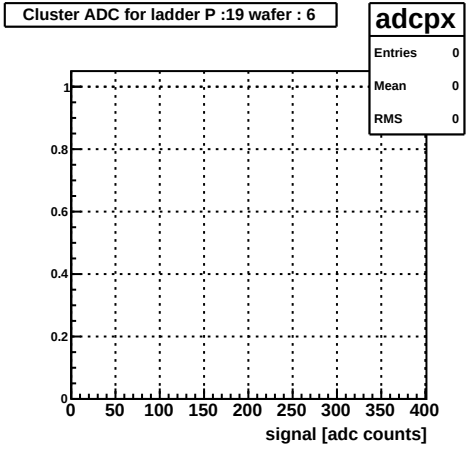

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

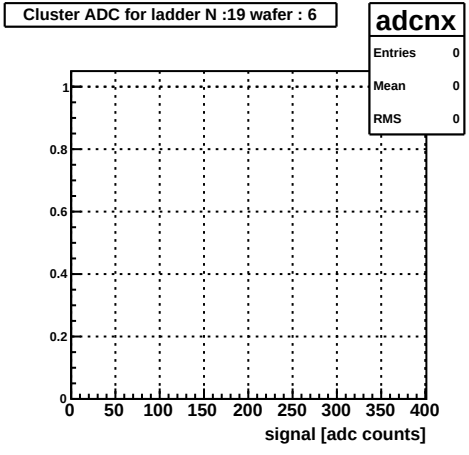

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

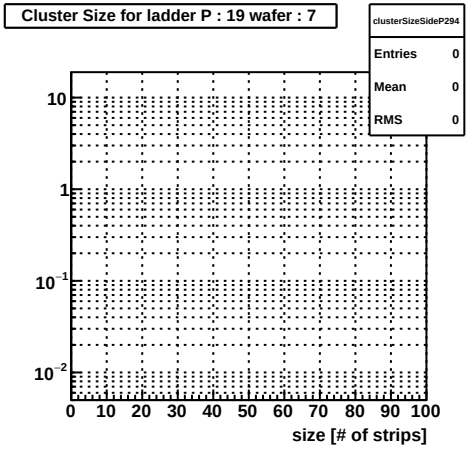

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

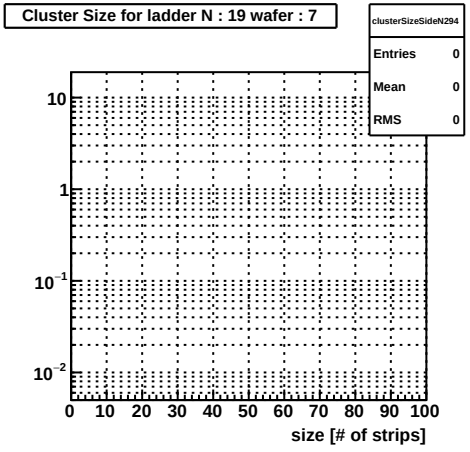

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

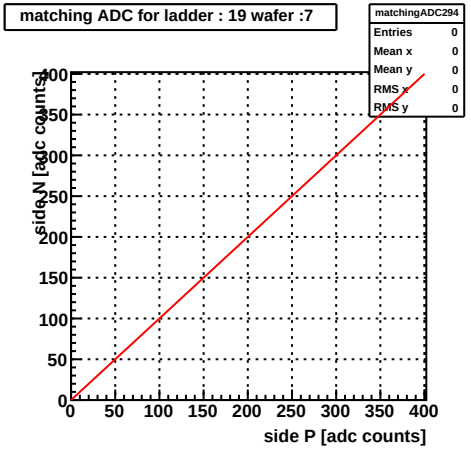

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

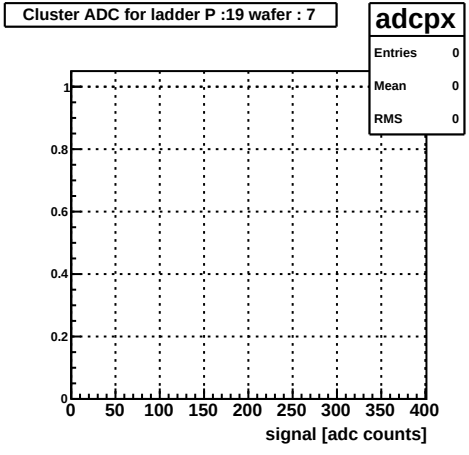

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

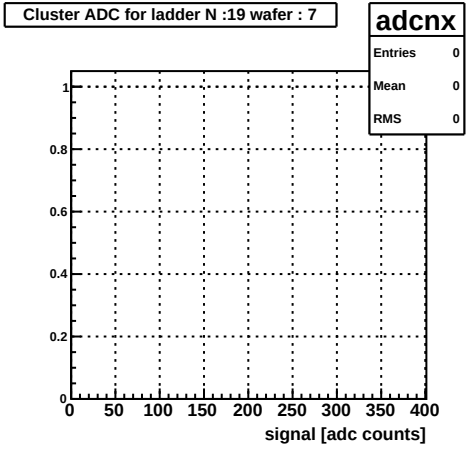

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

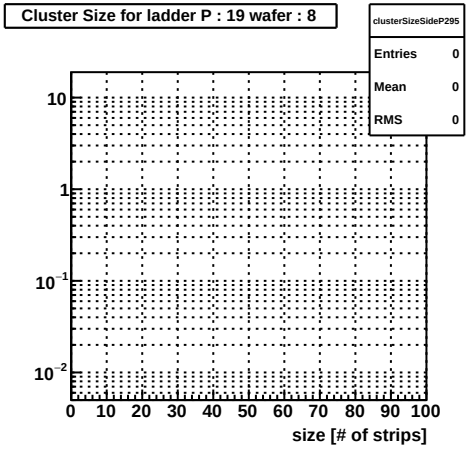

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

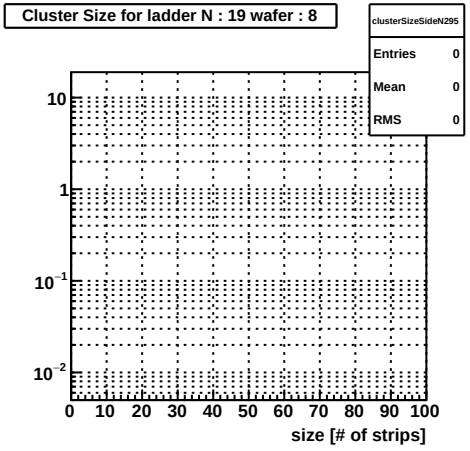

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

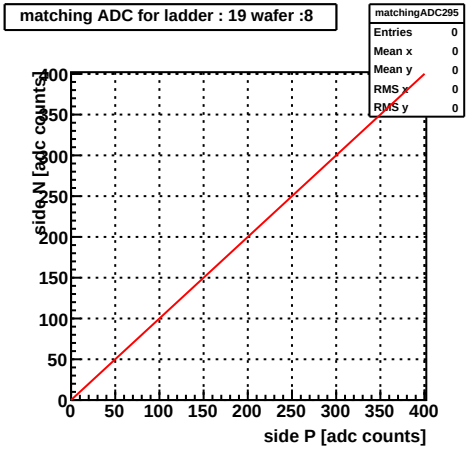

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

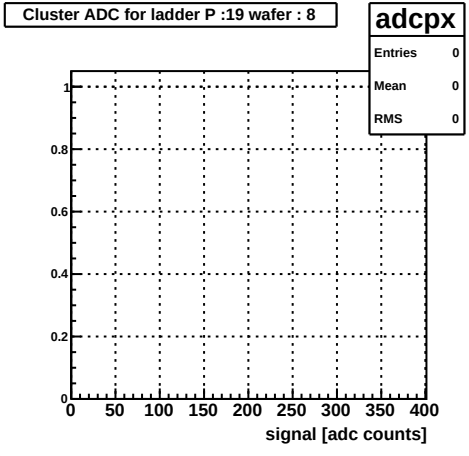

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

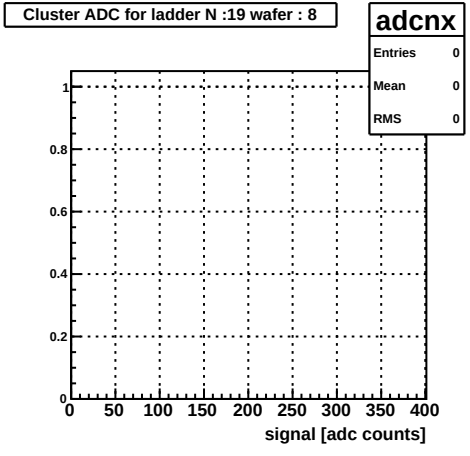

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

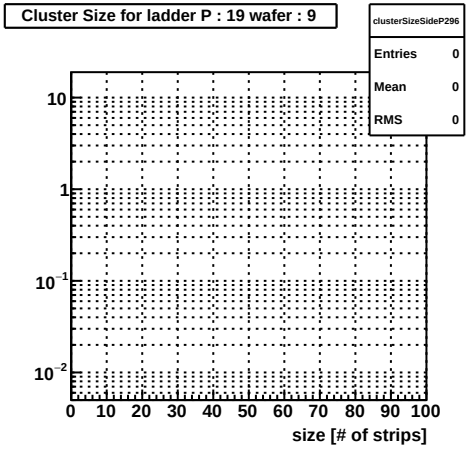

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

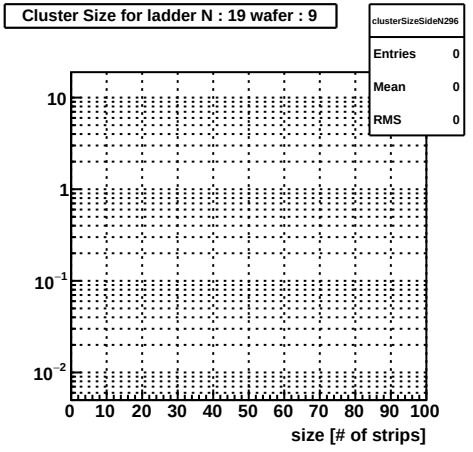

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

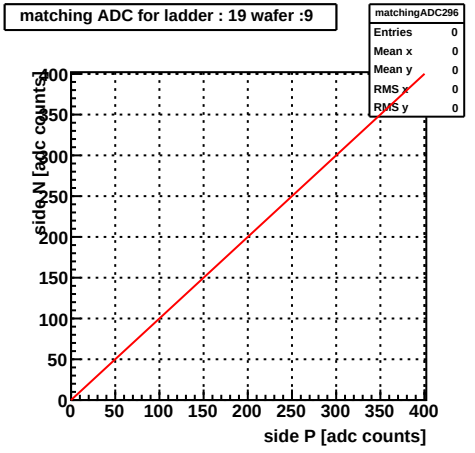

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

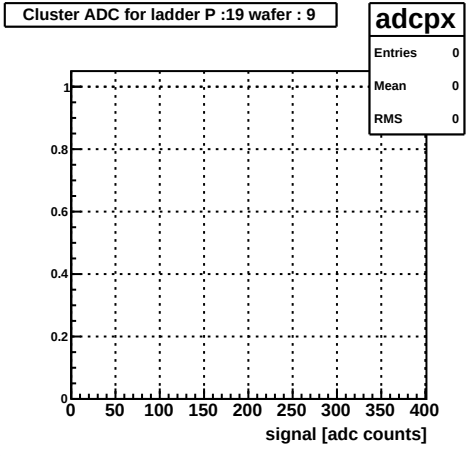

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

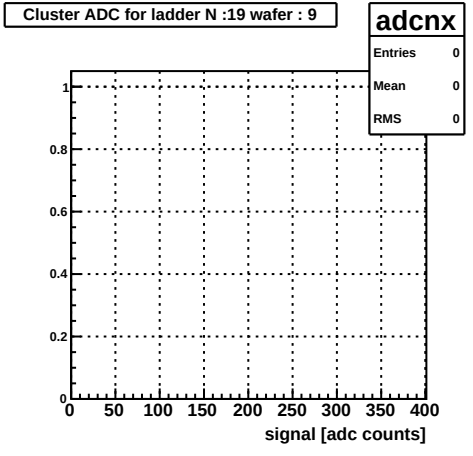

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

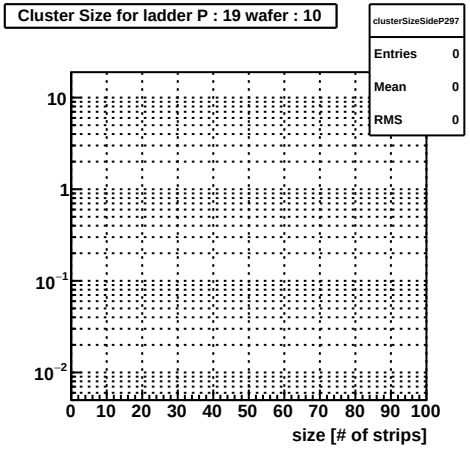

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

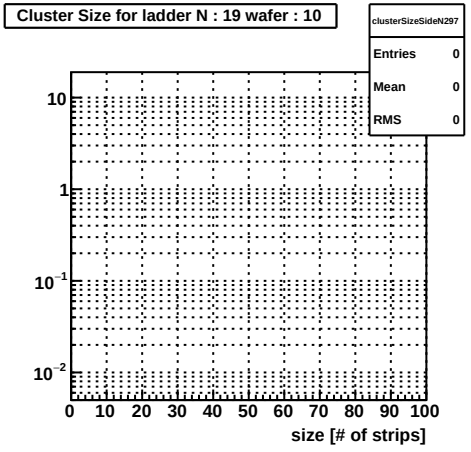

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

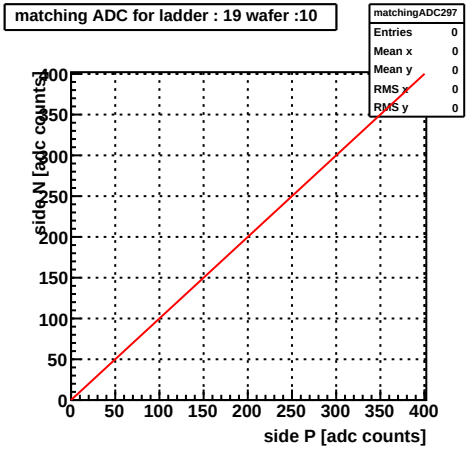

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

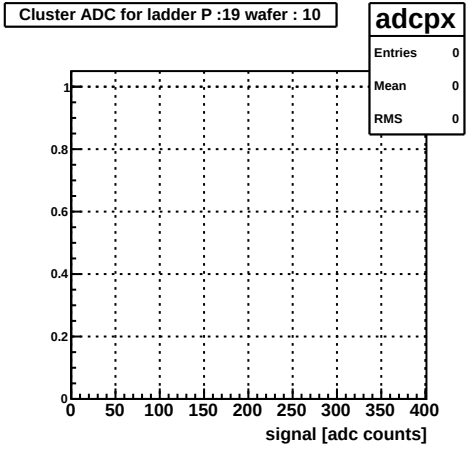

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

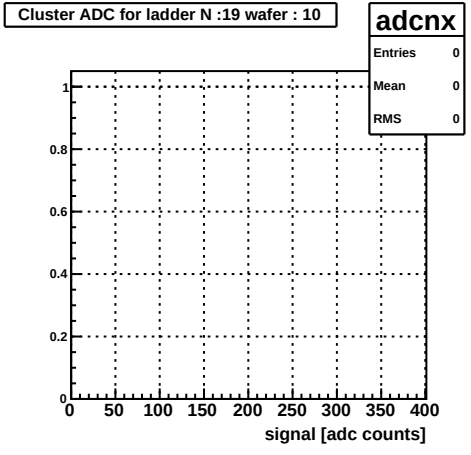

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

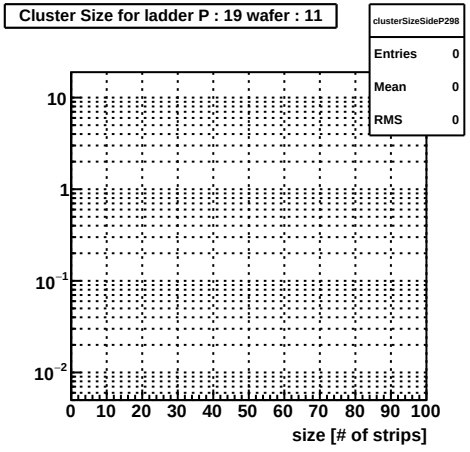

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

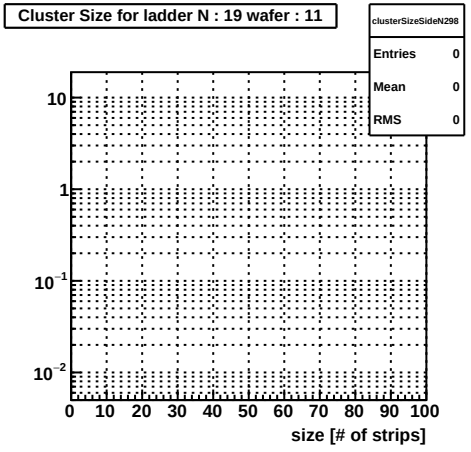

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

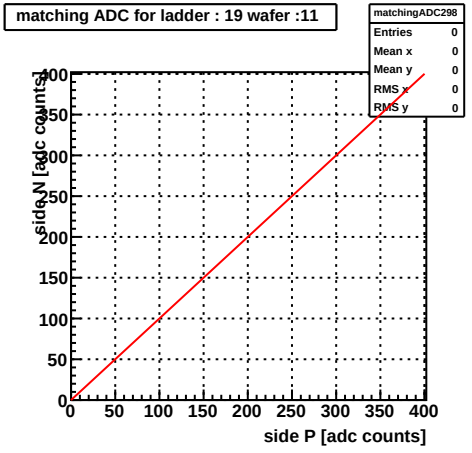

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

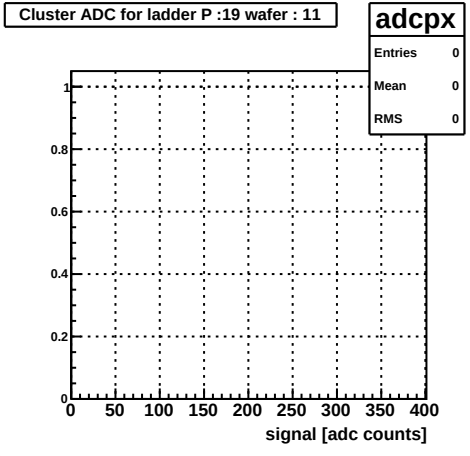

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

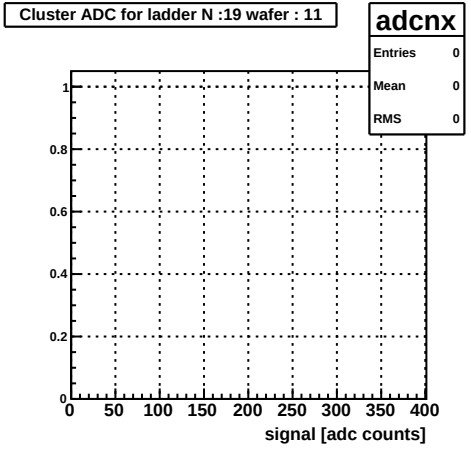

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

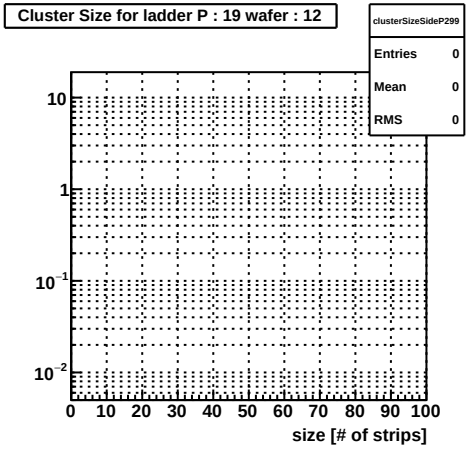

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

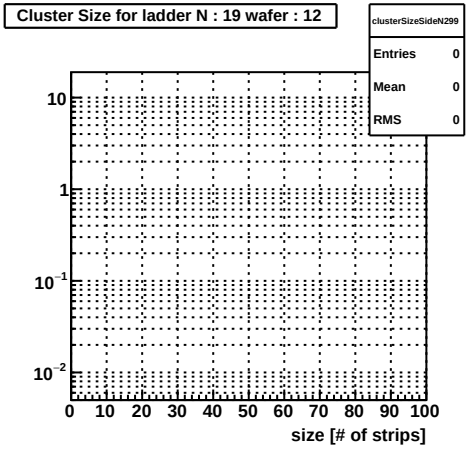

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

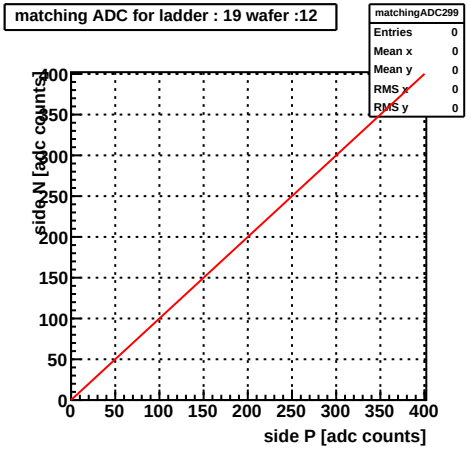

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

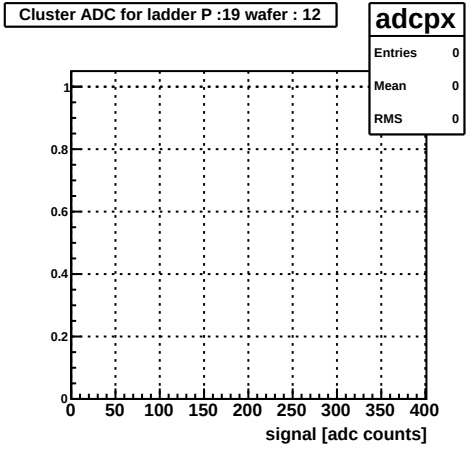

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

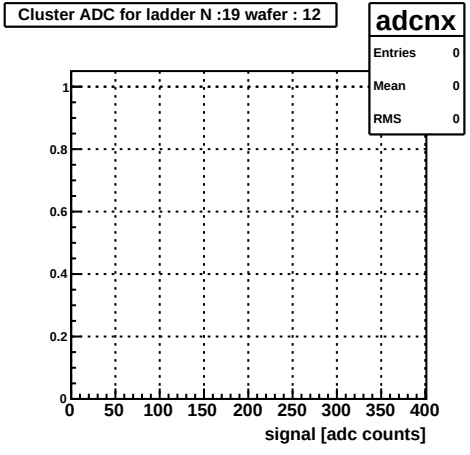

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

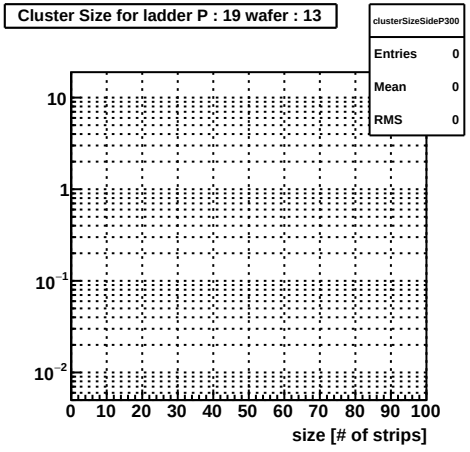

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

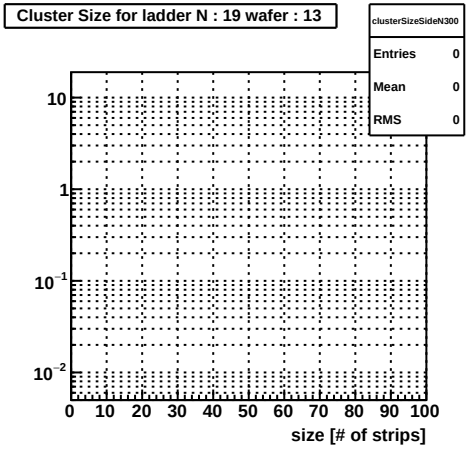

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

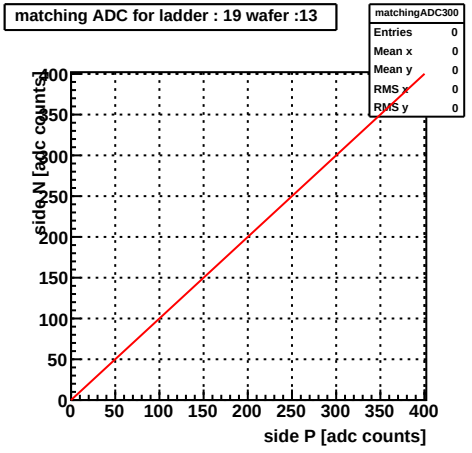

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

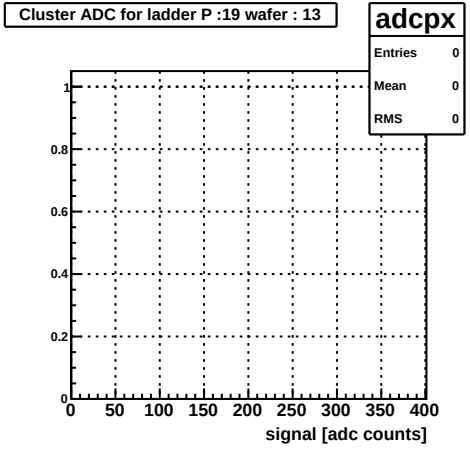

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

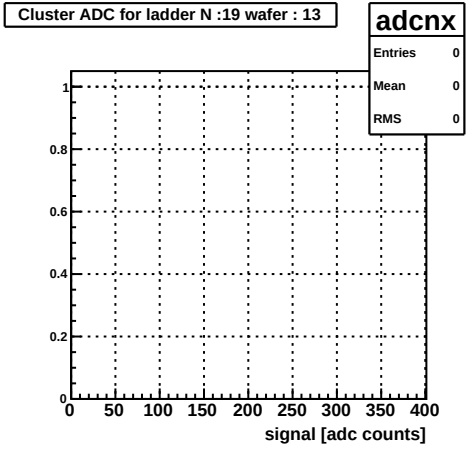

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

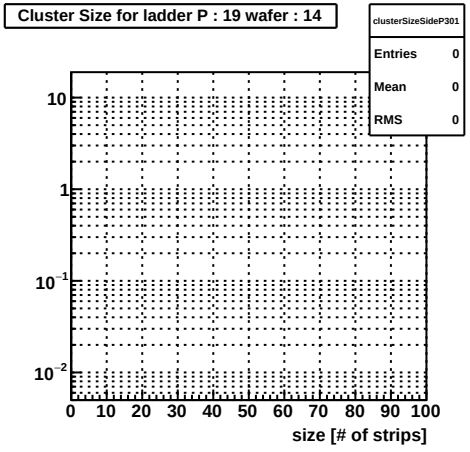

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

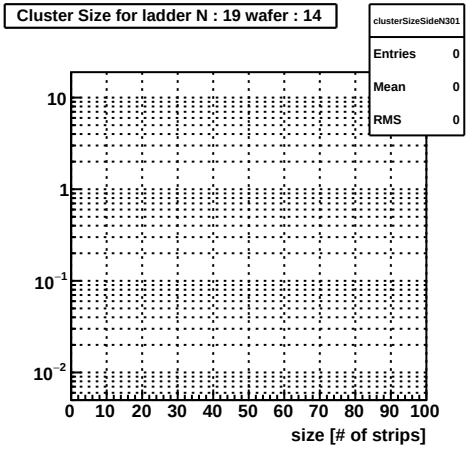

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

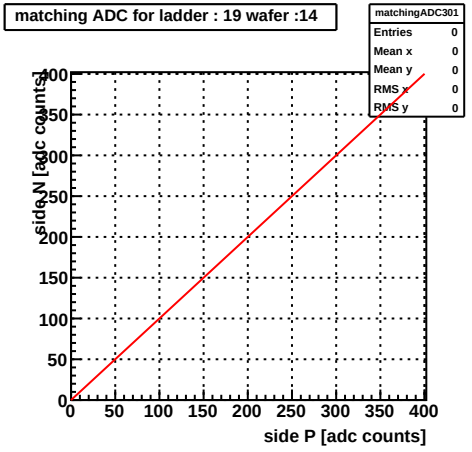

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

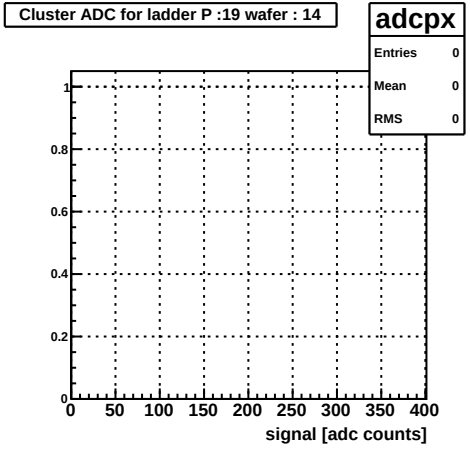

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

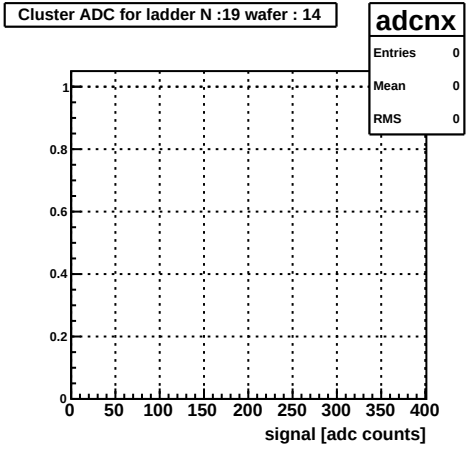

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

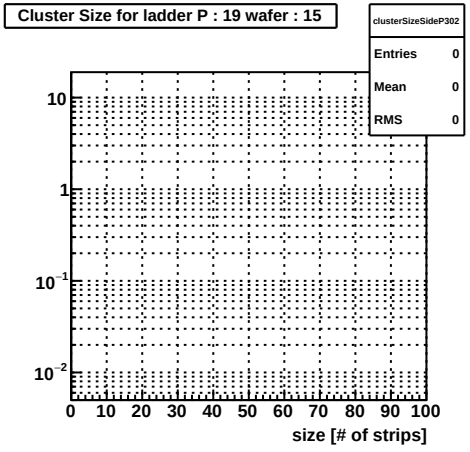

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

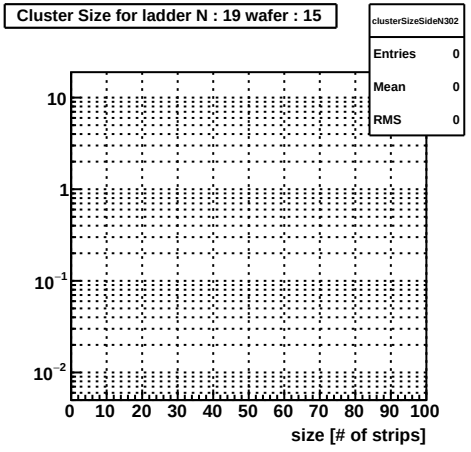

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

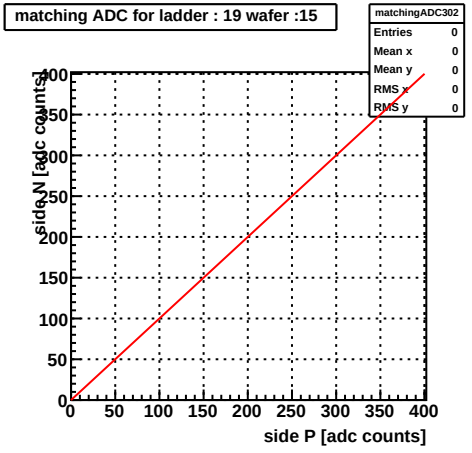

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

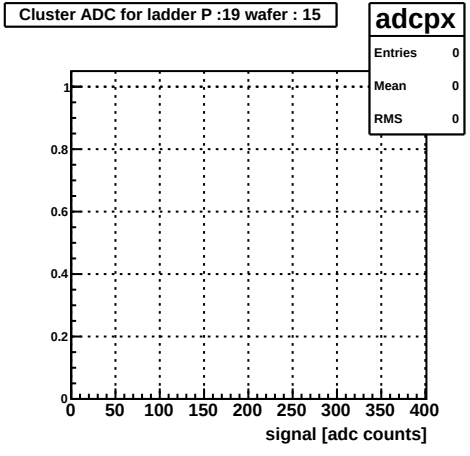

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

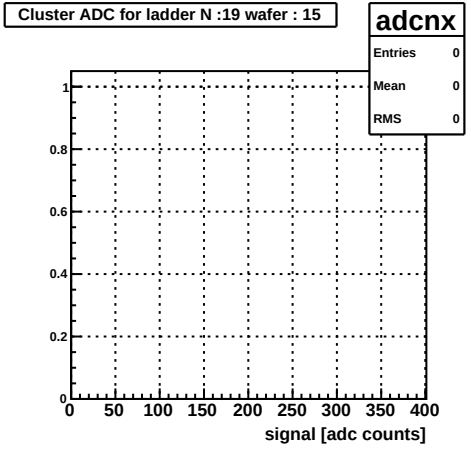

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

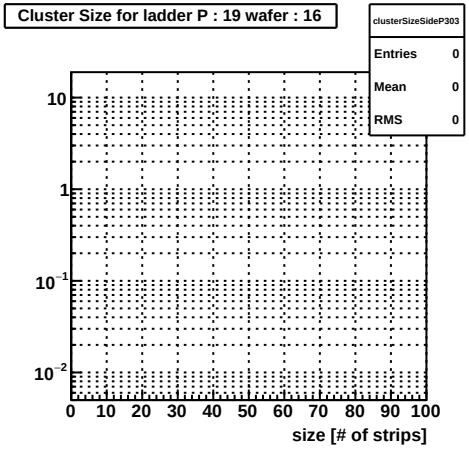

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

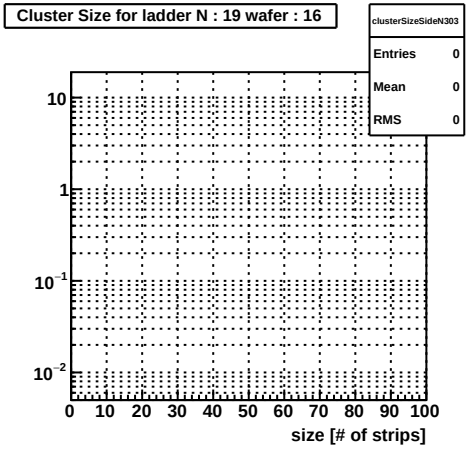

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

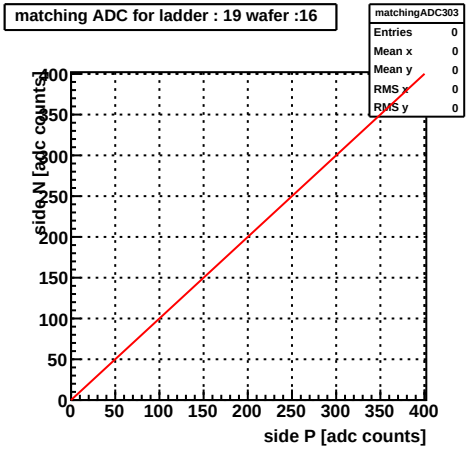

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

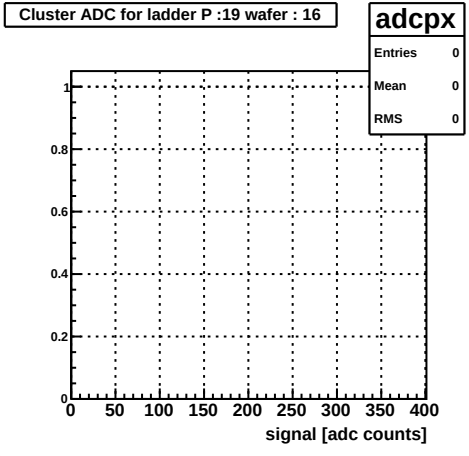

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

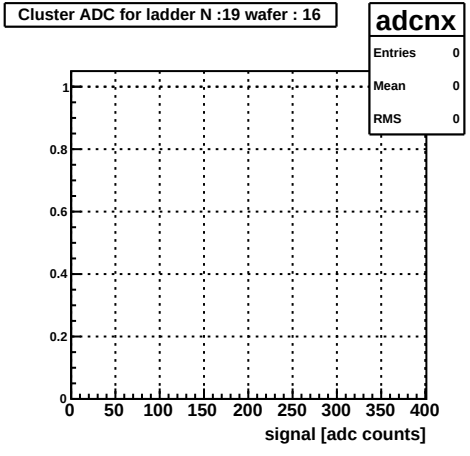

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

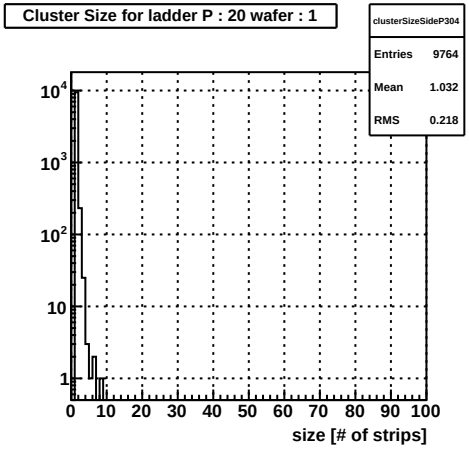

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

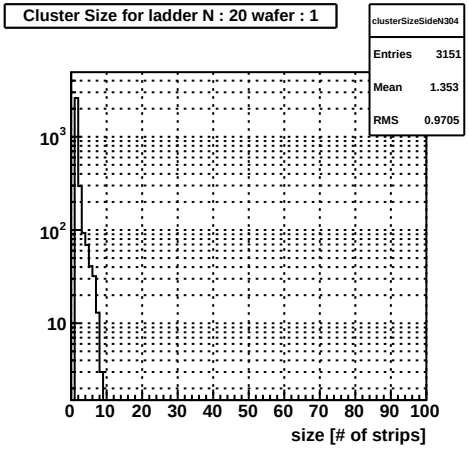

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

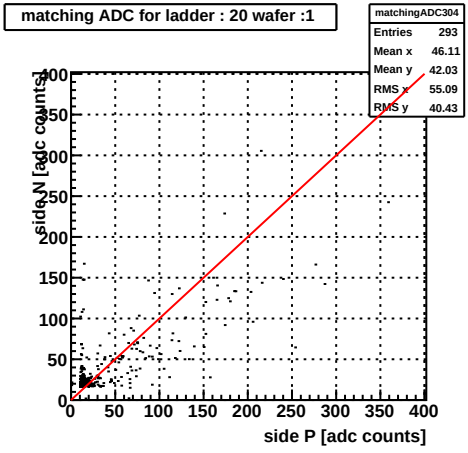

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

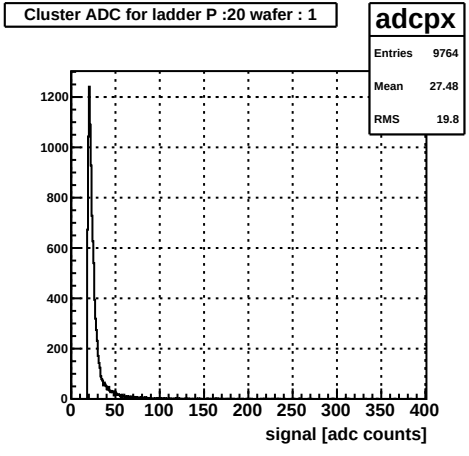

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

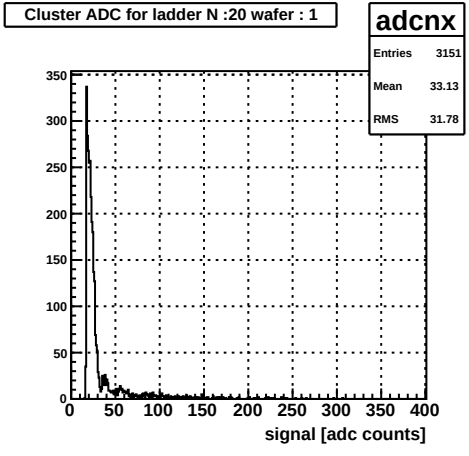

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

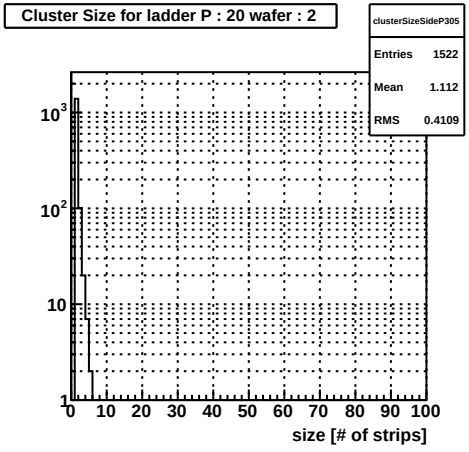

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 9764
Mean 1.032
RMS 0.218
size [# of strips]

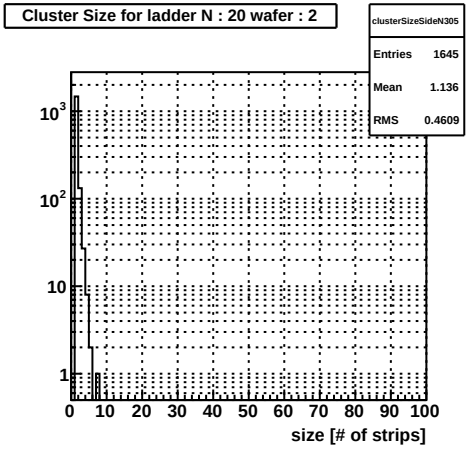

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3151
Mean 1.353
RMS 0.9705
size [# of strips]

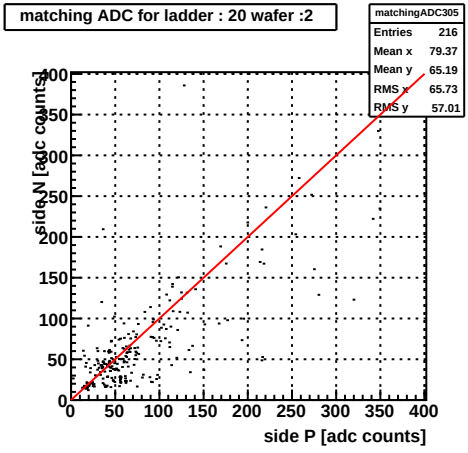

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 293
Mean x 46.11
Mean y 42.03
RMS x 55.09
RMS y 40.43
side N [adc counts]
side P [adc counts]

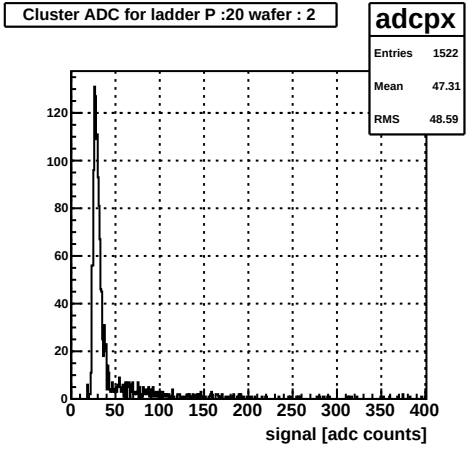

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 9764
Mean 27.48
RMS 19.8
signal [adc counts]

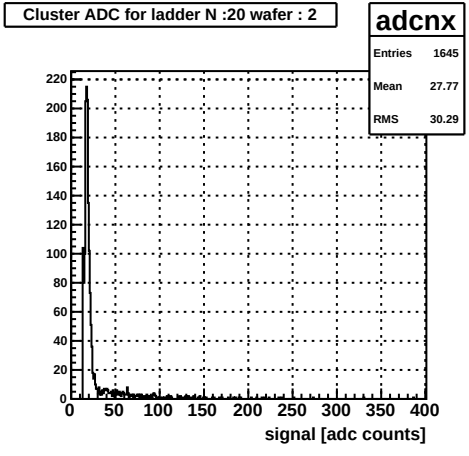

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3151
Mean 33.13
RMS 31.78
signal [adc counts]

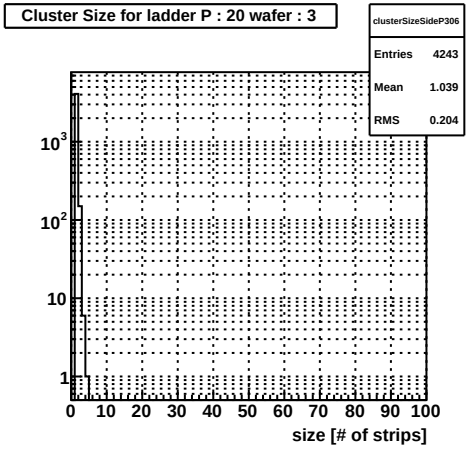

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1522
Mean 1.112
RMS 0.4109
size [# of strips]

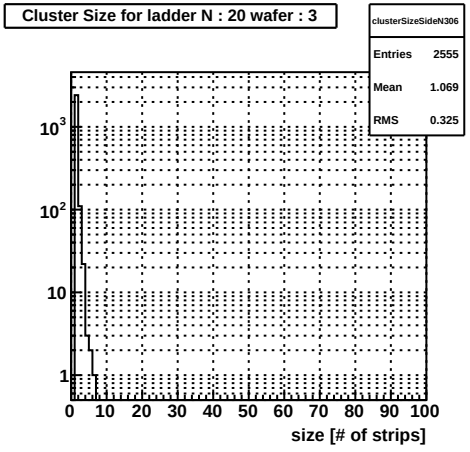

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1645
Mean 1.136
RMS 0.4609
size [# of strips]

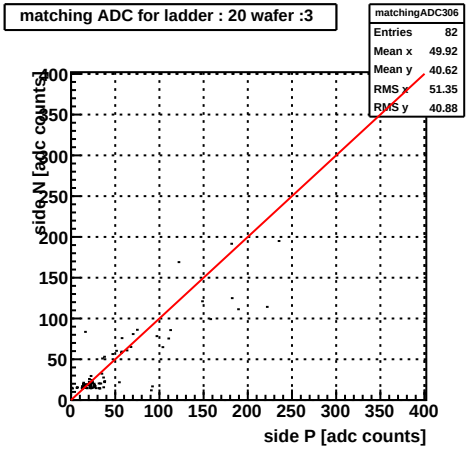

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 216
Mean x 79.37
Mean y 65.19
RMS x 65.73
RMS y 57.01
side N [adc counts]
side P [adc counts]

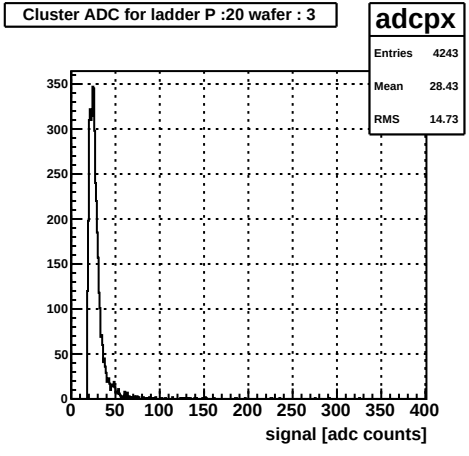

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1522
Mean 47.31
RMS 48.59
signal [adc counts]

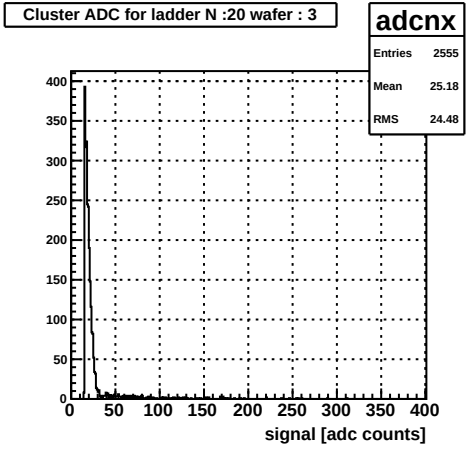

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1645
Mean 27.77
RMS 30.29
signal [adc counts]

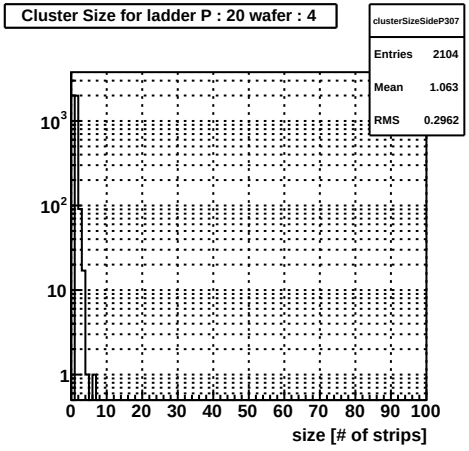

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 4243
Mean 1.039
RMS 0.204
size [# of strips]

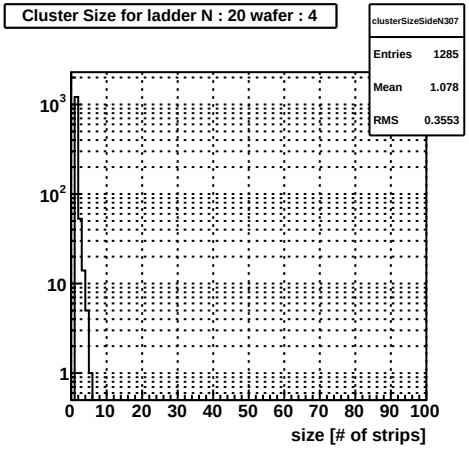

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2555
Mean 1.069
RMS 0.325
size [# of strips]

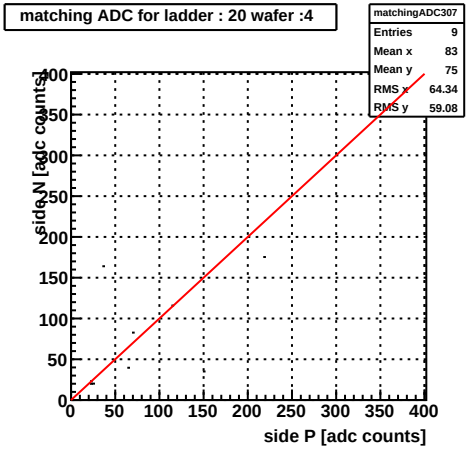

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 82
Mean x 49.92
Mean y 40.62
RMS x 51.35
RMS y 40.88
side N [adc counts]
side P [adc counts]

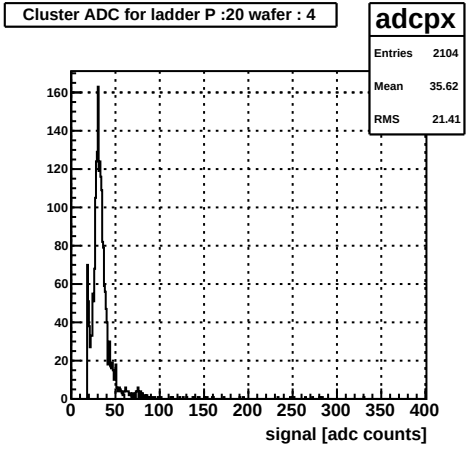

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 4243
Mean 28.43
RMS 14.73
signal [adc counts]

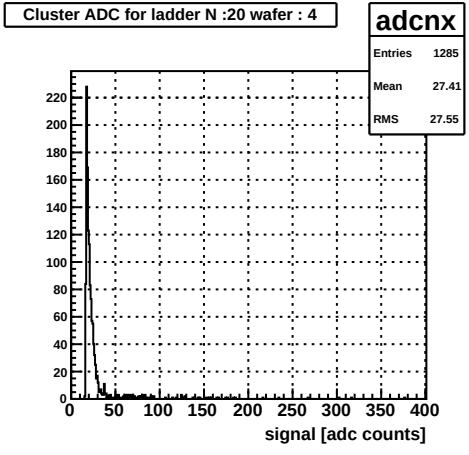

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2555
Mean 25.18
RMS 24.48
signal [adc counts]

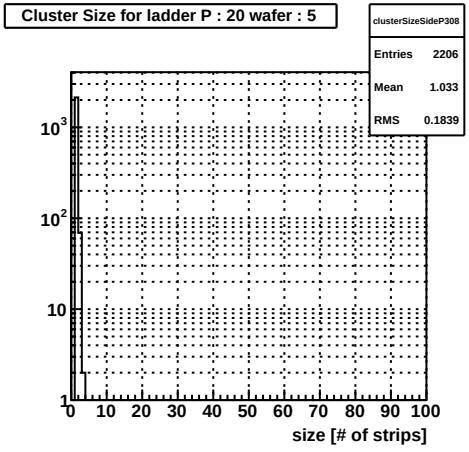

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2104
Mean 1.063
RMS 0.2962
size [# of strips]

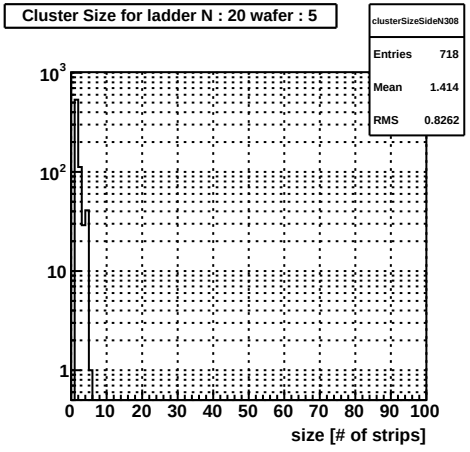

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1285
Mean 1.078
RMS 0.3553
size [# of strips]

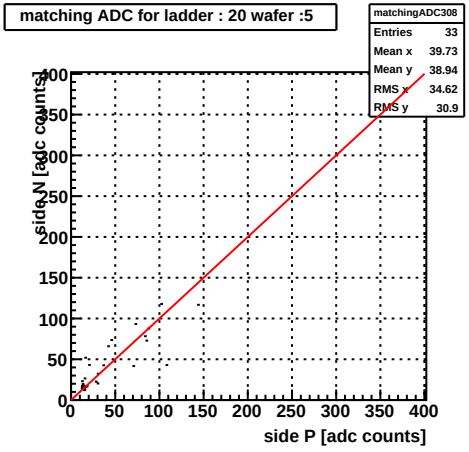

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 9
Mean x 83
Mean y 75
RMS x 64.34
RMS y 59.08
side N [adc counts]
side P [adc counts]

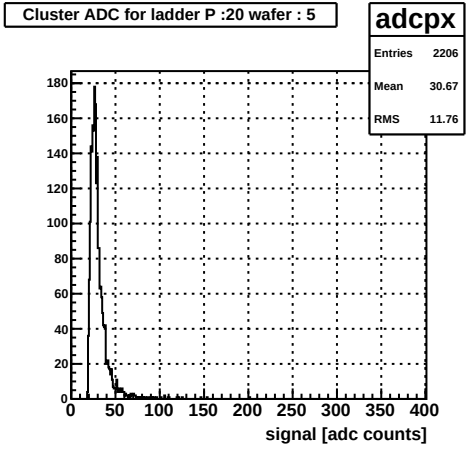

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2104
Mean 35.62
RMS 21.41
signal [adc counts]

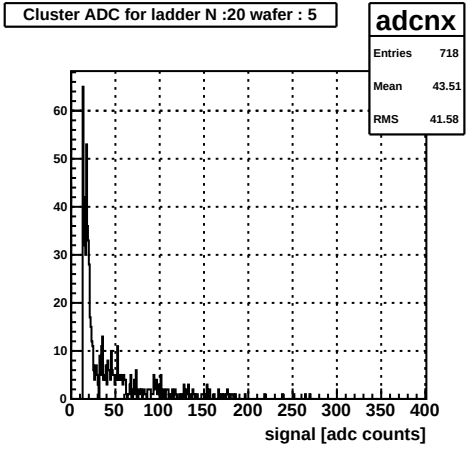

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1285
Mean 27.41
RMS 27.55
signal [adc counts]

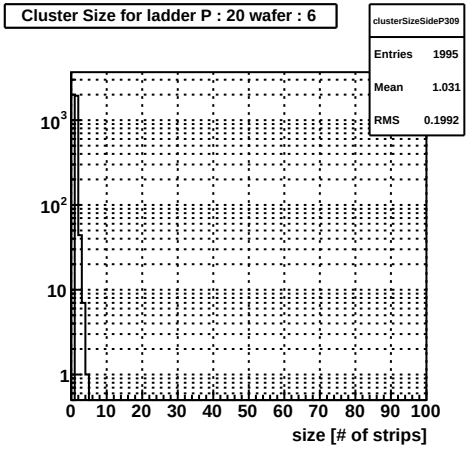

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2206
Mean 1.033
RMS 0.1839
size [# of strips]

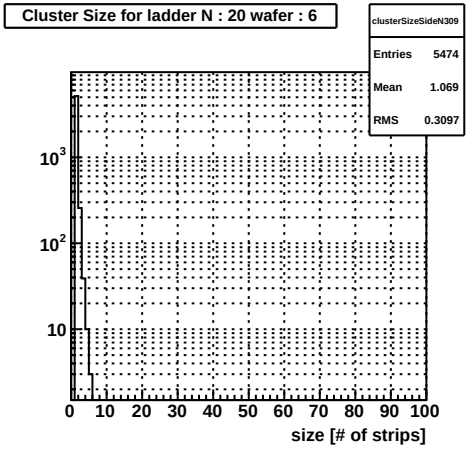

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 718
Mean 1.414
RMS 0.8262
size [# of strips]

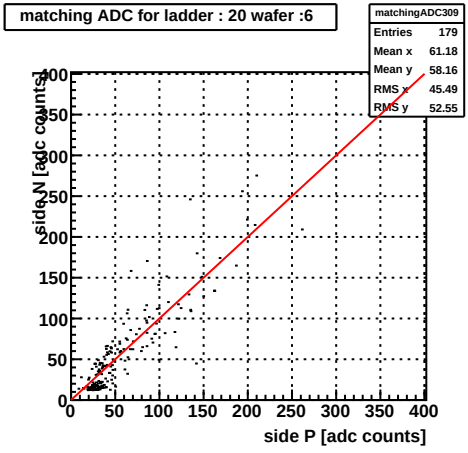

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 33
Mean x 39.73
Mean y 38.94
RMS x 34.62
RMS y 30.9
side N [adc counts]
side P [adc counts]

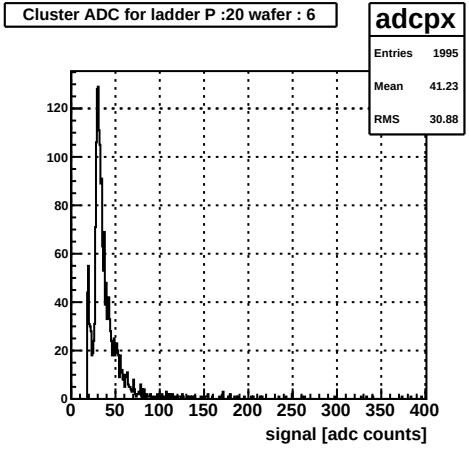

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2206
Mean 30.67
RMS 11.76
signal [adc counts]

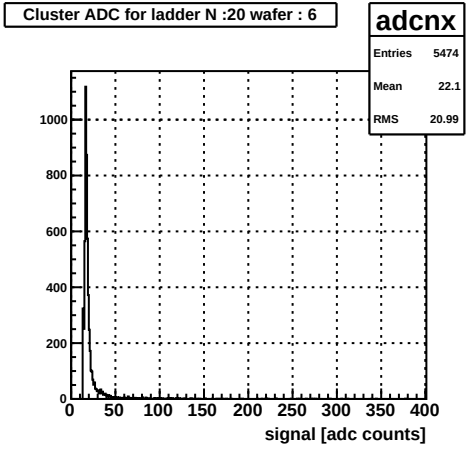

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 718
Mean 43.51
RMS 41.58
signal [adc counts]

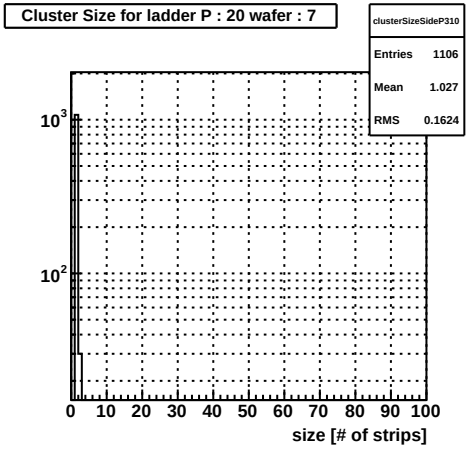

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1995
Mean 1.031
RMS 0.1992
size [# of strips]

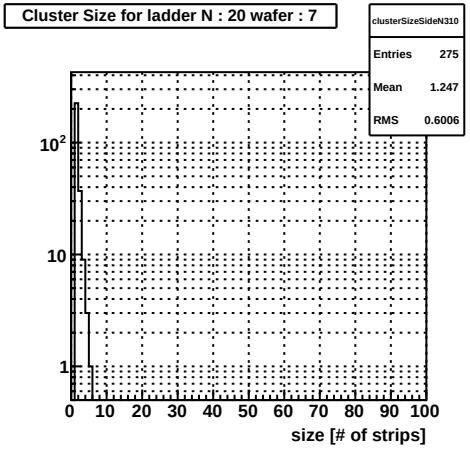

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 5474
Mean 1.069
RMS 0.3097
size [# of strips]

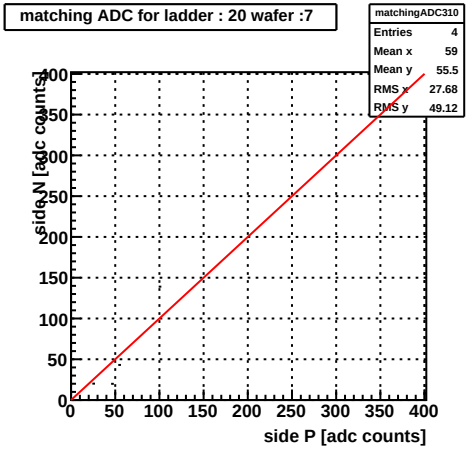

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 179
Mean x 61.18
Mean y 58.16
RMS x 45.49
RMS y 52.55
side N [adc counts]
side P [adc counts]

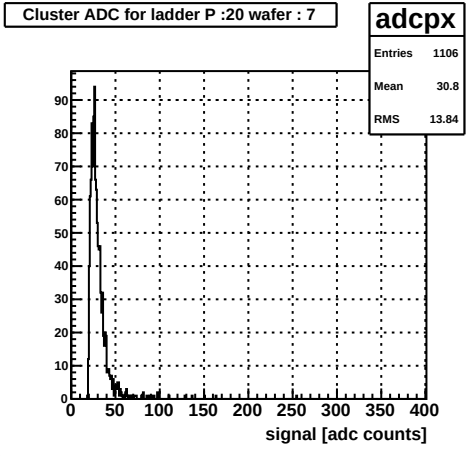

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1995
Mean 41.23
RMS 30.88
signal [adc counts]

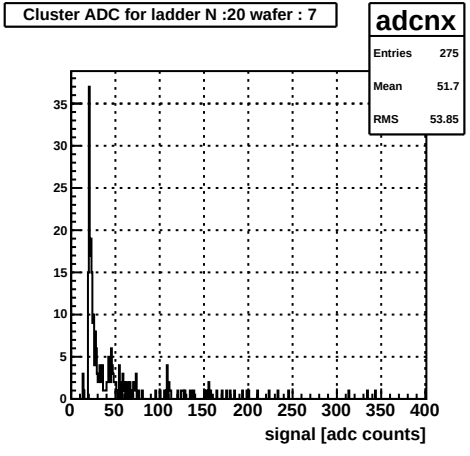

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 5474
Mean 22.1
RMS 20.99
signal [adc counts]

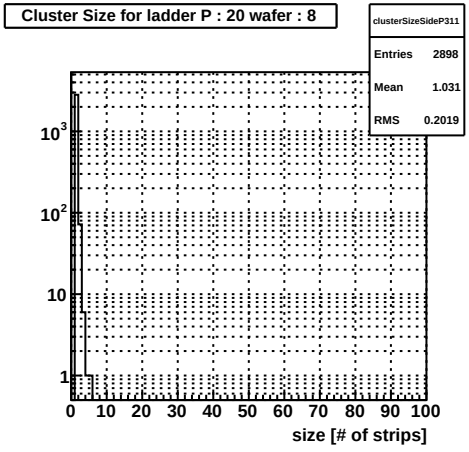

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1106
Mean 1.027
RMS 0.1624
size [# of strips]

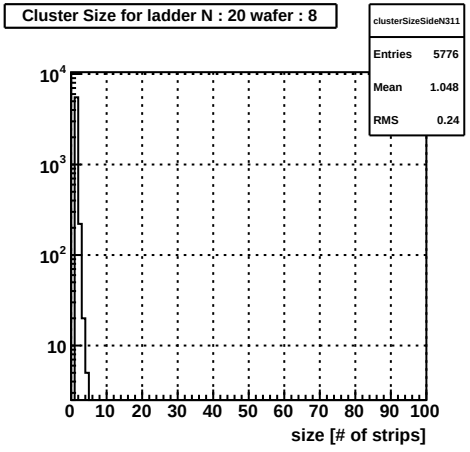

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 275
Mean 1.247
RMS 0.6006
size [# of strips]

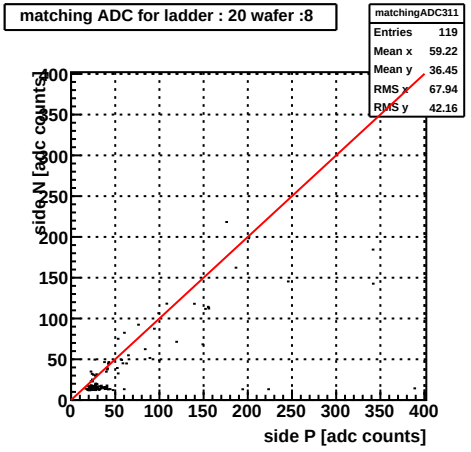

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 59
Mean y 55.5
RMS x 27.68
RMS y 49.12
side N [adc counts]
side P [adc counts]

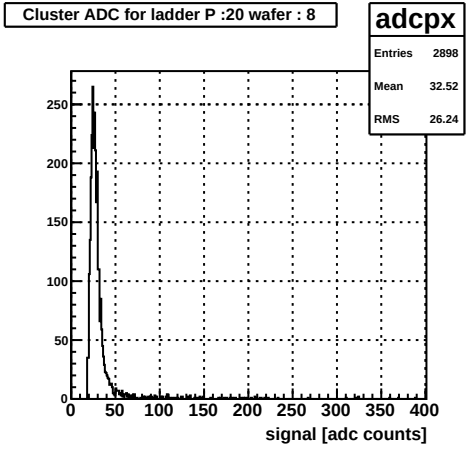

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1106
Mean 30.8
RMS 13.84
signal [adc counts]

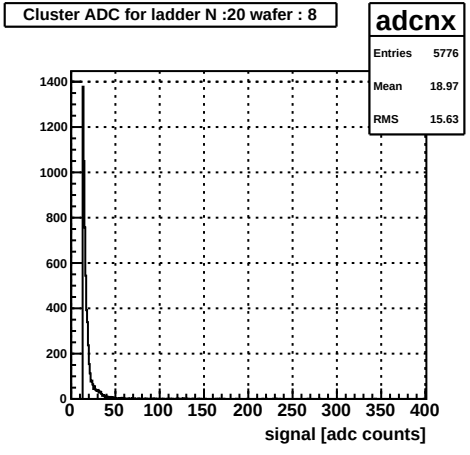

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 275
Mean 51.7
RMS 53.85
signal [adc counts]

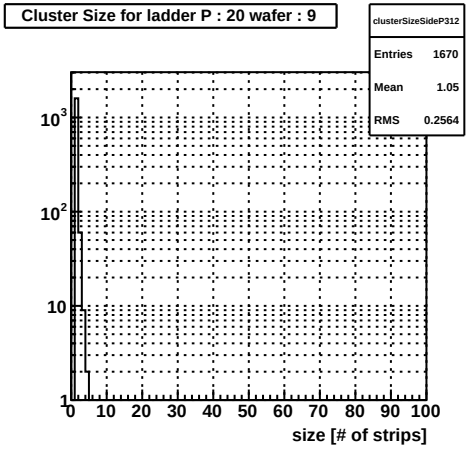

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 2898
Mean 1.031
RMS 0.2019
size [# of strips]

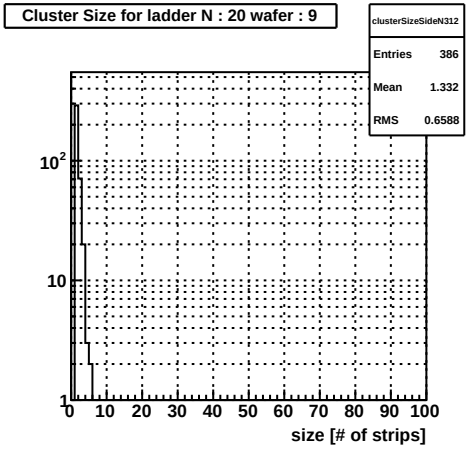

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 5776
Mean 1.048
RMS 0.24
size [# of strips]

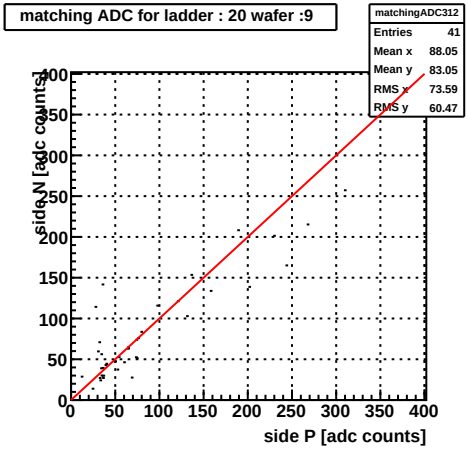

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 119
Mean x 59.22
Mean y 36.45
RMS x 67.94
RMS y 42.16
side N [adc counts]
side P [adc counts]

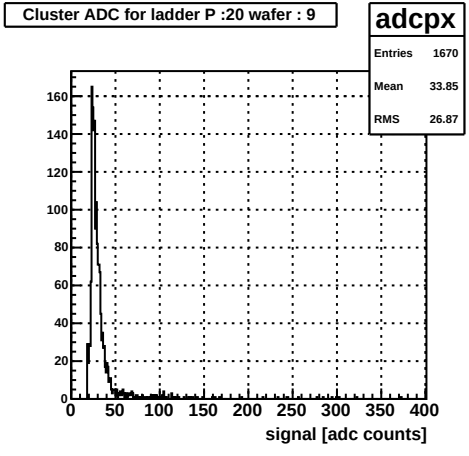

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 2898
Mean 32.52
RMS 26.24
signal [adc counts]

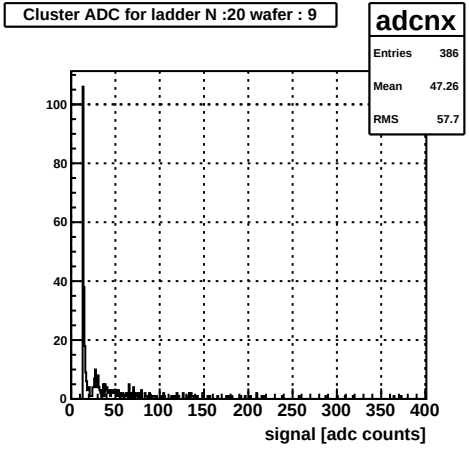

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 5776
Mean 18.97
RMS 15.63
signal [adc counts]

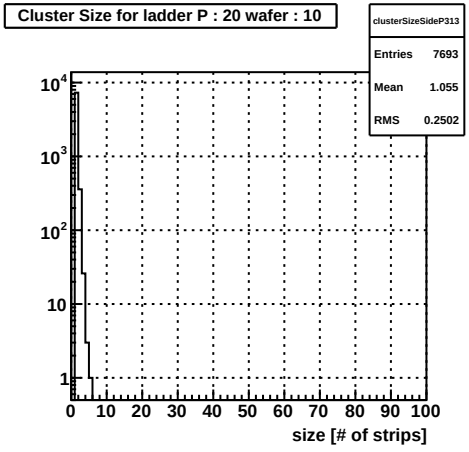

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1670
Mean 1.05
RMS 0.2564
size [# of strips]

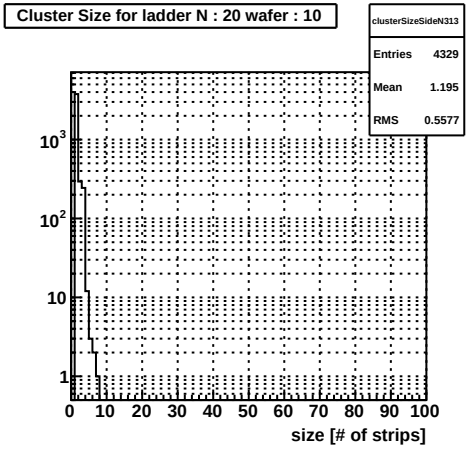

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 386
Mean 1.332
RMS 0.6588
size [# of strips]

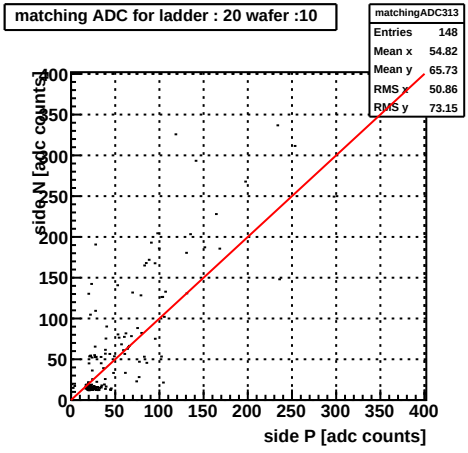

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 41
Mean x 88.05
Mean y 83.05
RMS x 73.59
RMS y 60.47
side N [adc counts]
side P [adc counts]

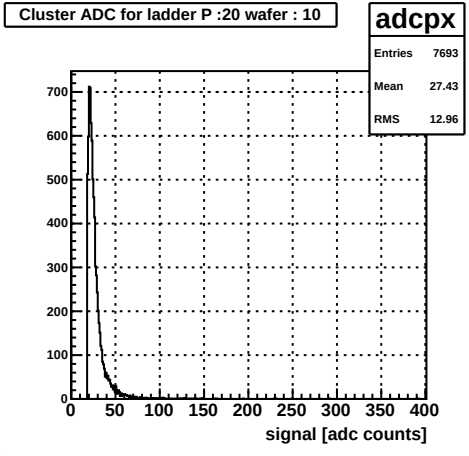

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1670
Mean 33.85
RMS 26.87
signal [adc counts]

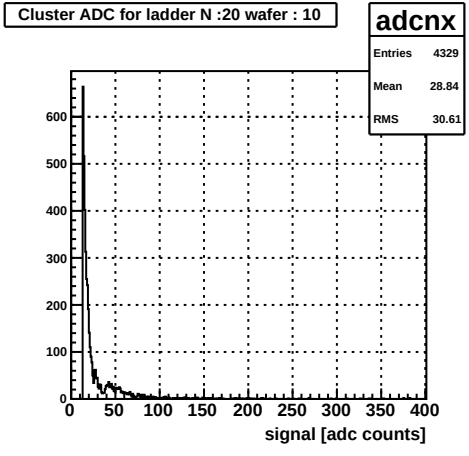

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 386
Mean 47.26
RMS 57.7
signal [adc counts]

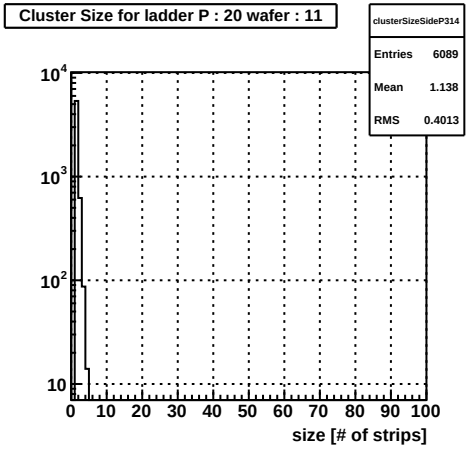

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 7693
Mean 1.055
RMS 0.2502
size [# of strips]

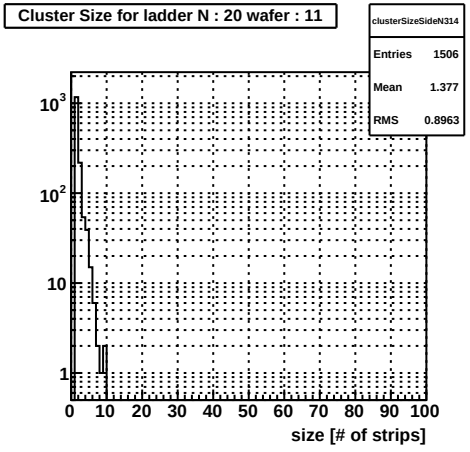

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 4329
Mean 1.195
RMS 0.5577
size [# of strips]

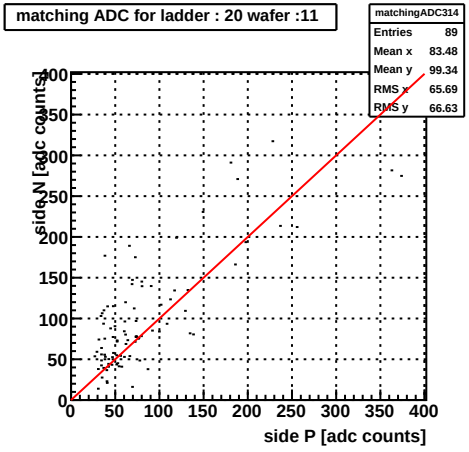

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 148
Mean x 54.82
Mean y 65.73
RMS x 50.86
RMS y 73.15
side N [adc counts]
side P [adc counts]

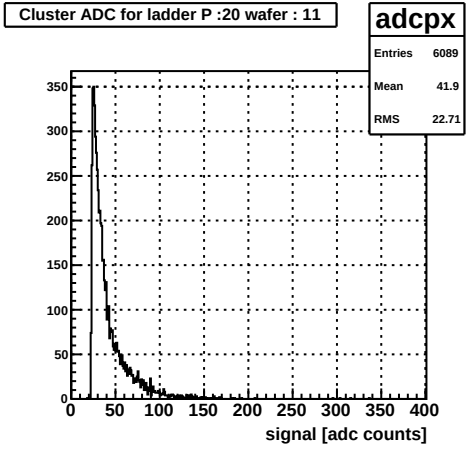

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 7693
Mean 27.43
RMS 12.96
signal [adc counts]

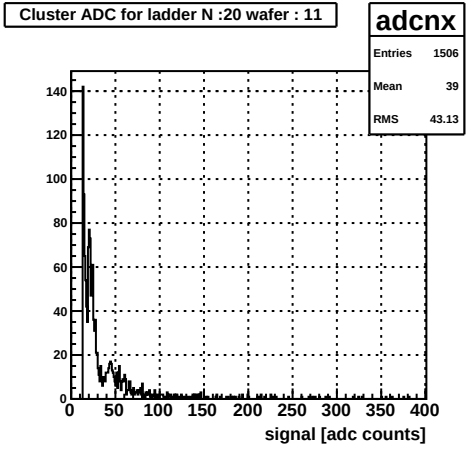

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 4329
Mean 28.84
RMS 30.61
signal [adc counts]

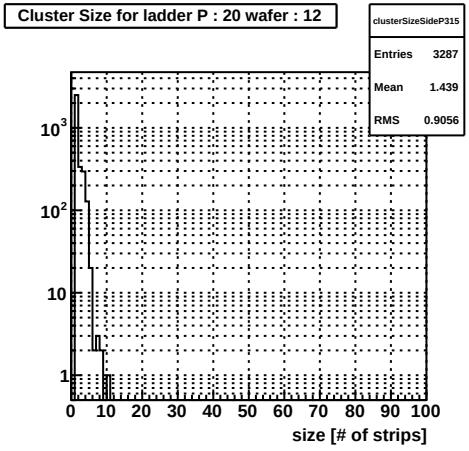

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 6089
Mean 1.138
RMS 0.4013
size [# of strips]

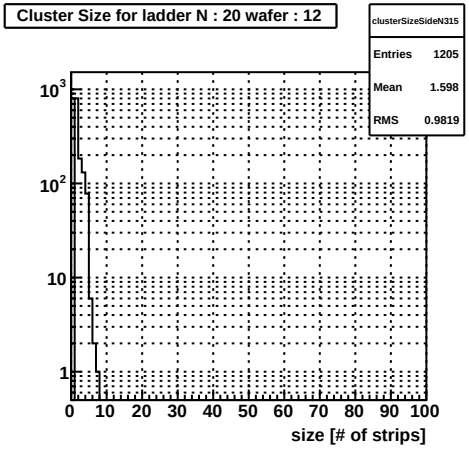

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1506
Mean 1.377
RMS 0.8963
size [# of strips]

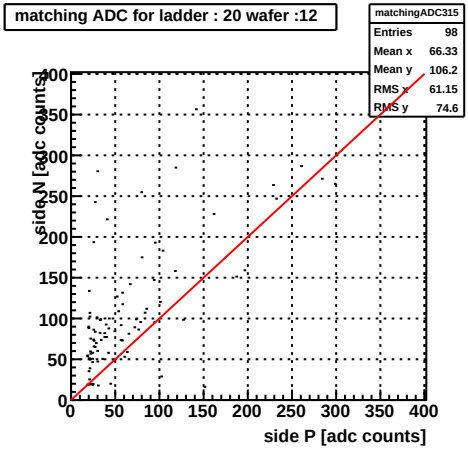

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 89
Mean x 83.48
Mean y 99.34
RMS x 65.69
RMS y 66.63
side N [adc counts]
side P [adc counts]

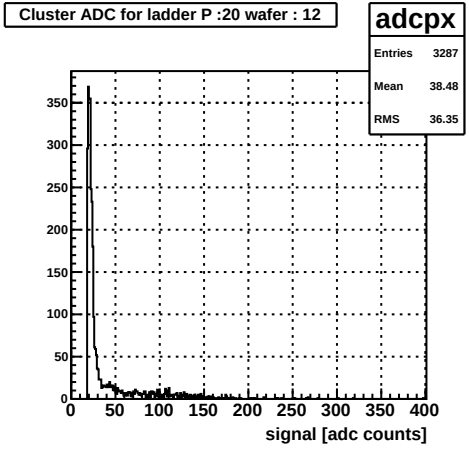

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 6089
Mean 41.9
RMS 22.71
signal [adc counts]

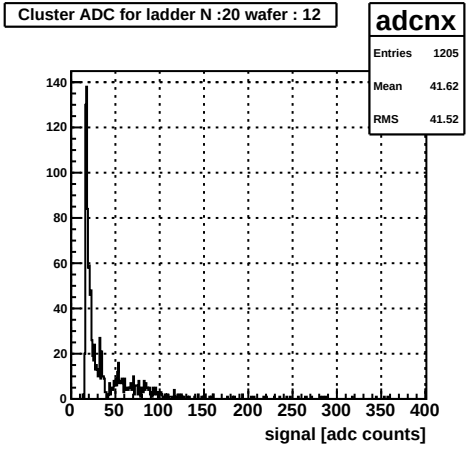

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1506
Mean 39
RMS 43.13
signal [adc counts]

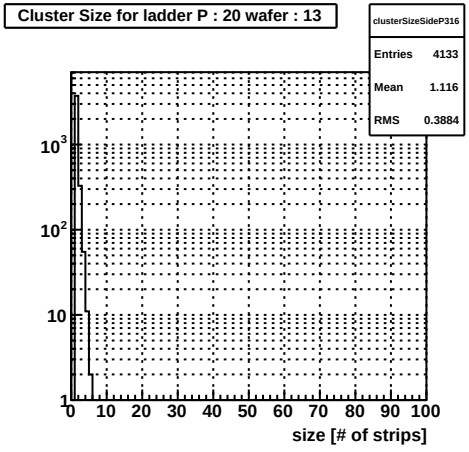

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 3287
Mean 1.439
RMS 0.9056
size [# of strips]

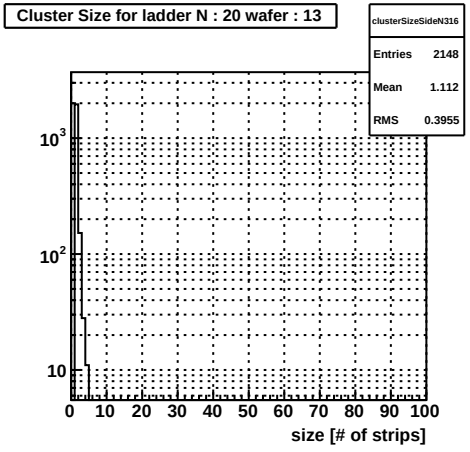

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1205
Mean 1.598
RMS 0.9819
size [# of strips]

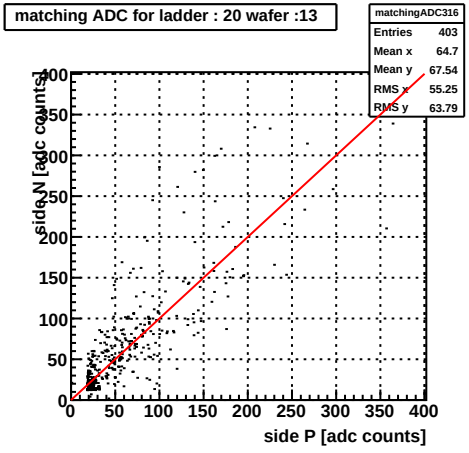

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 98
Mean x 66.33
Mean y 106.2
RMS x 61.15
RMS y 74.6
side N [adc counts]
side P [adc counts]

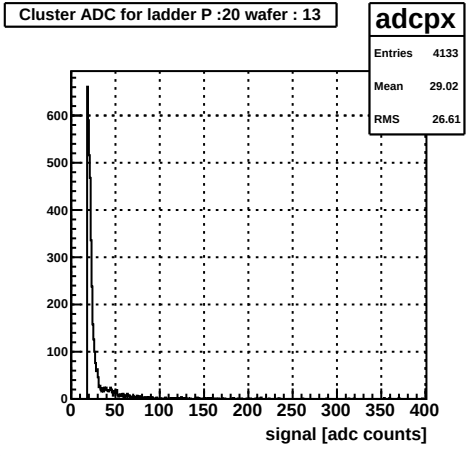

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 3287
Mean 38.48
RMS 36.35
signal [adc counts]

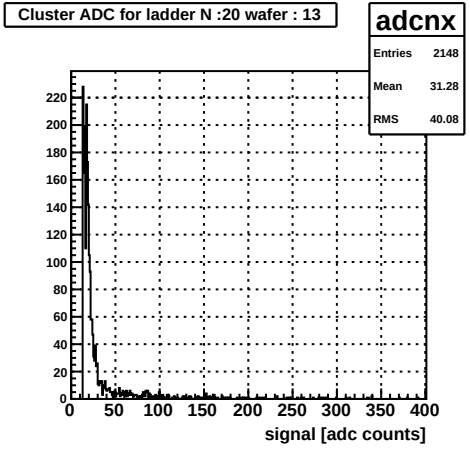

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1205
Mean 41.62
RMS 41.52
signal [adc counts]

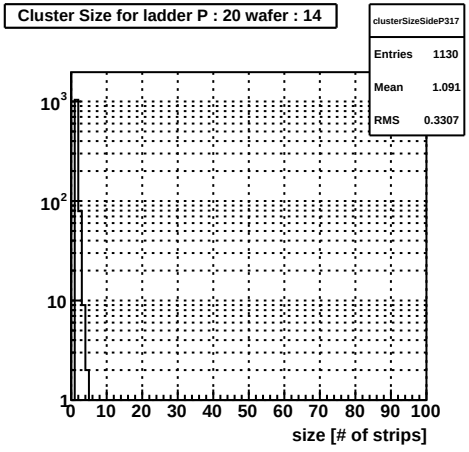

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 4133
Mean 1.116
RMS 0.3884
size [# of strips]

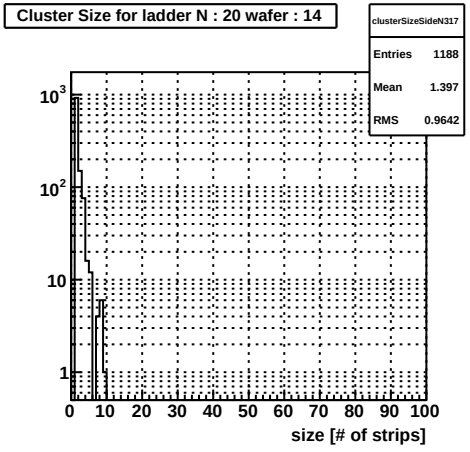

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2148
Mean 1.112
RMS 0.3955
size [# of strips]

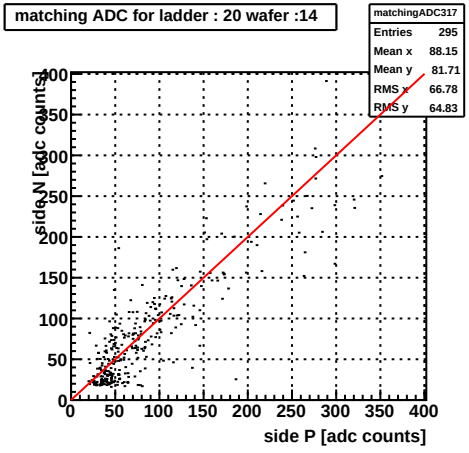

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 403
Mean x 64.7
Mean y 67.54
RMS x 55.25
RMS y 63.79
side N [adc counts]
side P [adc counts]

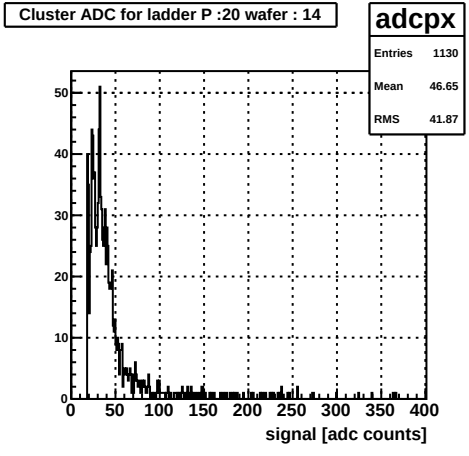

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 4133
Mean 29.02
RMS 26.61
signal [adc counts]

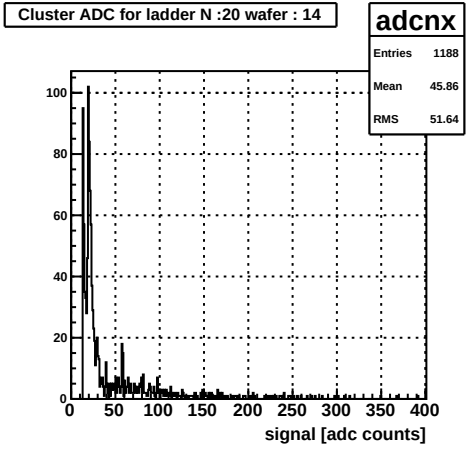

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2148
Mean 31.28
RMS 40.08
signal [adc counts]

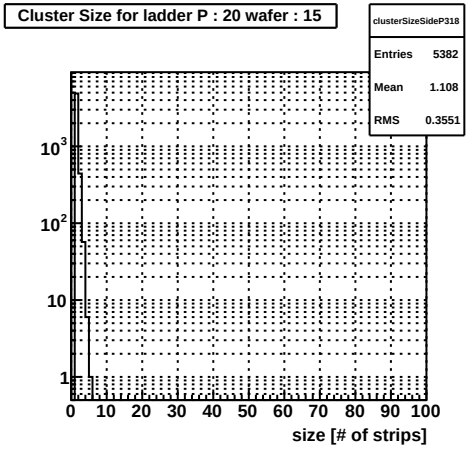

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1130
Mean 1.091
RMS 0.3307
size [# of strips]

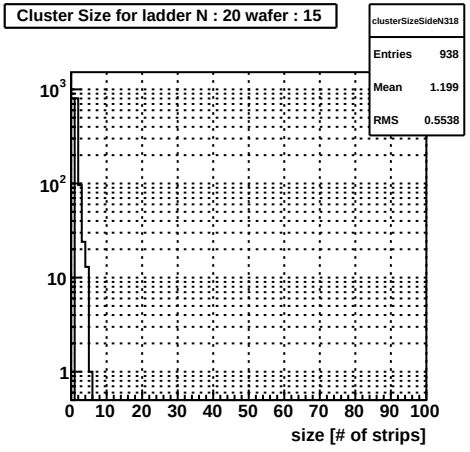

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1188
Mean 1.397
RMS 0.9642
size [# of strips]

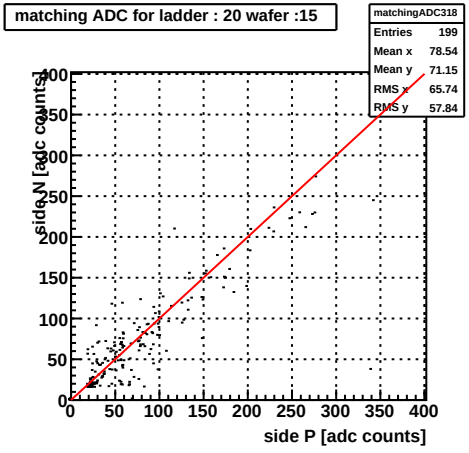

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 295
Mean x 88.15
Mean y 81.71
RMS x 66.78
RMS y 64.83
side N [adc counts]
side P [adc counts]

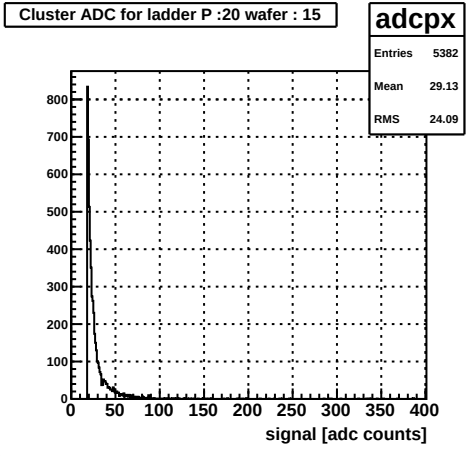

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1130
Mean 46.65
RMS 41.87
signal [adc counts]

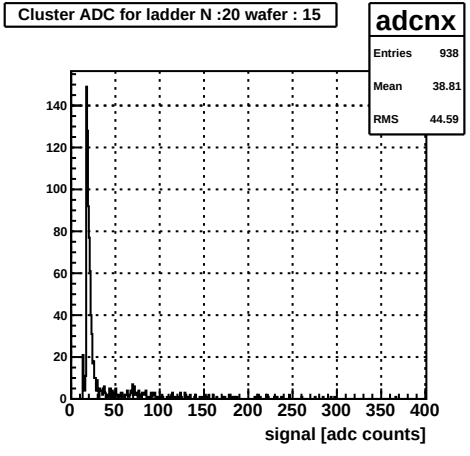

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1188
Mean 45.86
RMS 51.64
signal [adc counts]

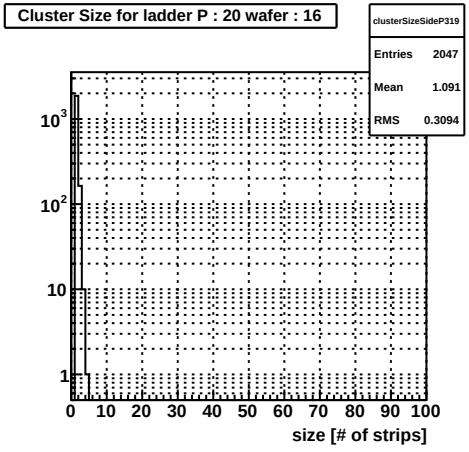

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 5382
Mean 1.108
RMS 0.3551
size [# of strips]

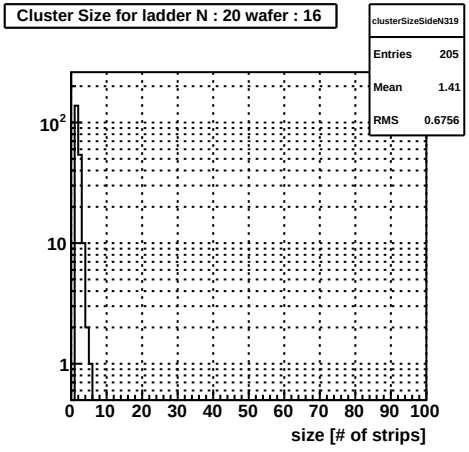

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 938
Mean 1.199
RMS 0.5538
size [# of strips]

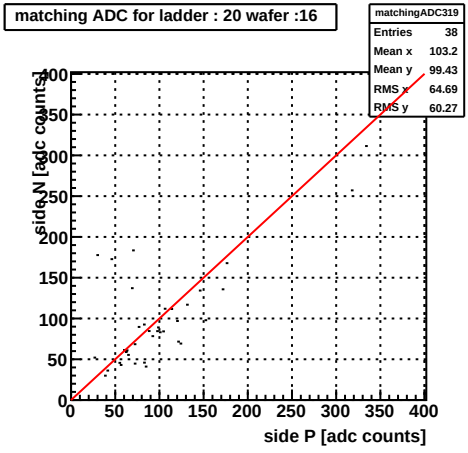

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 199
Mean x 78.54
Mean y 71.15
RMS x 65.74
RMS y 57.84
side N [adc counts]
side P [adc counts]

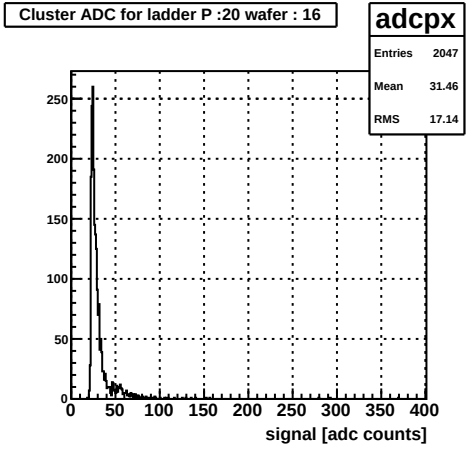

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 5382
Mean 29.13
RMS 24.09
signal [adc counts]

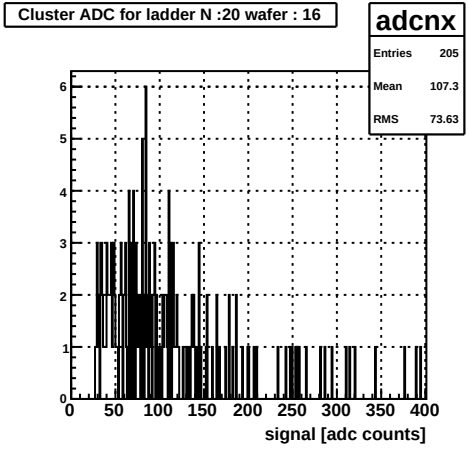

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 938
Mean 38.81
RMS 44.59
signal [adc counts]

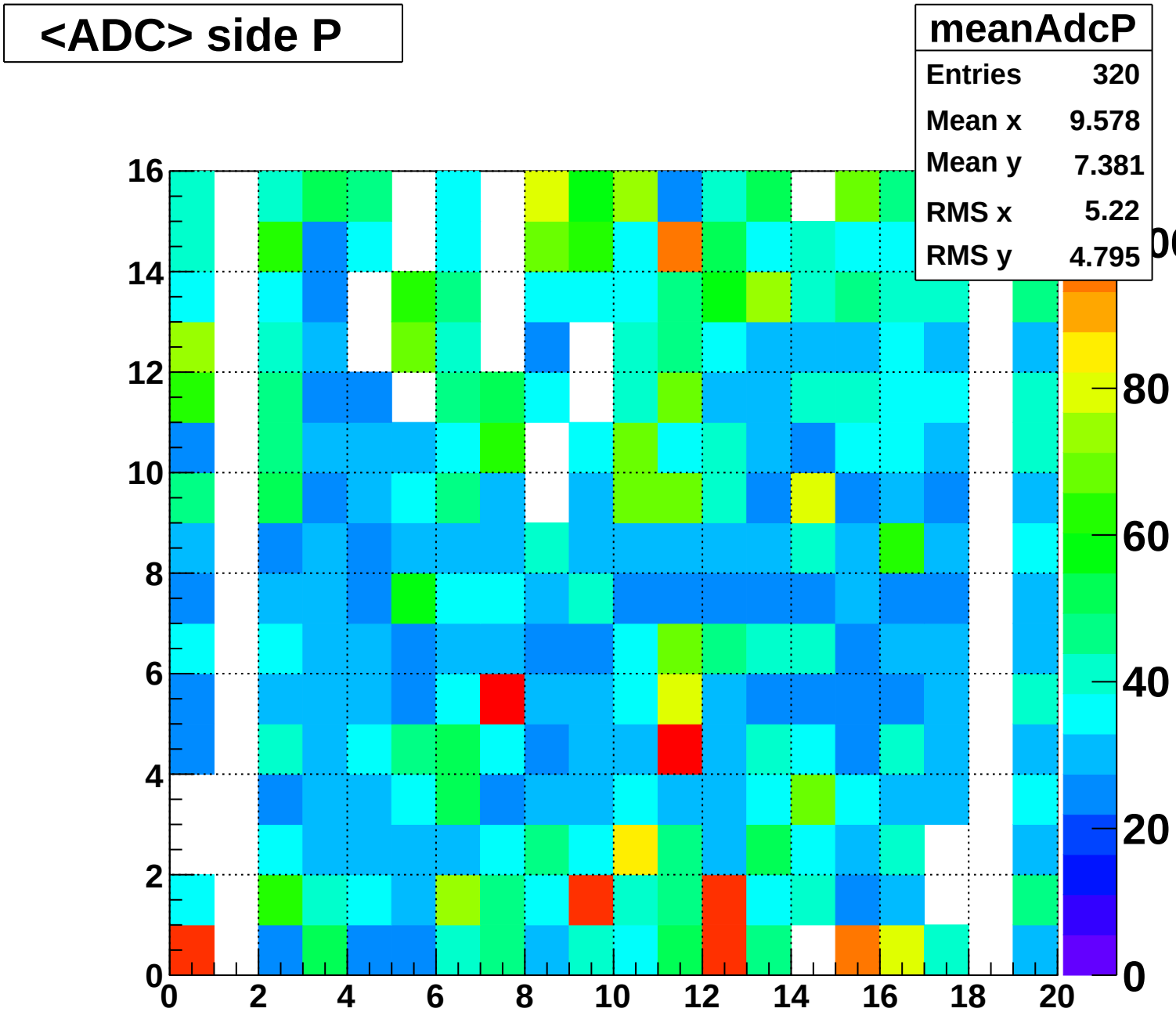

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2047
Mean 1.091
RMS 0.3094
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 205
Mean 1.41
RMS 0.6756
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 38
Mean x 103.2
Mean y 99.43
RMS x 64.69
RMS y 60.27
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2047
Mean 31.46
RMS 17.14
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 205
Mean 107.3
RMS 73.63
signal [adc counts]



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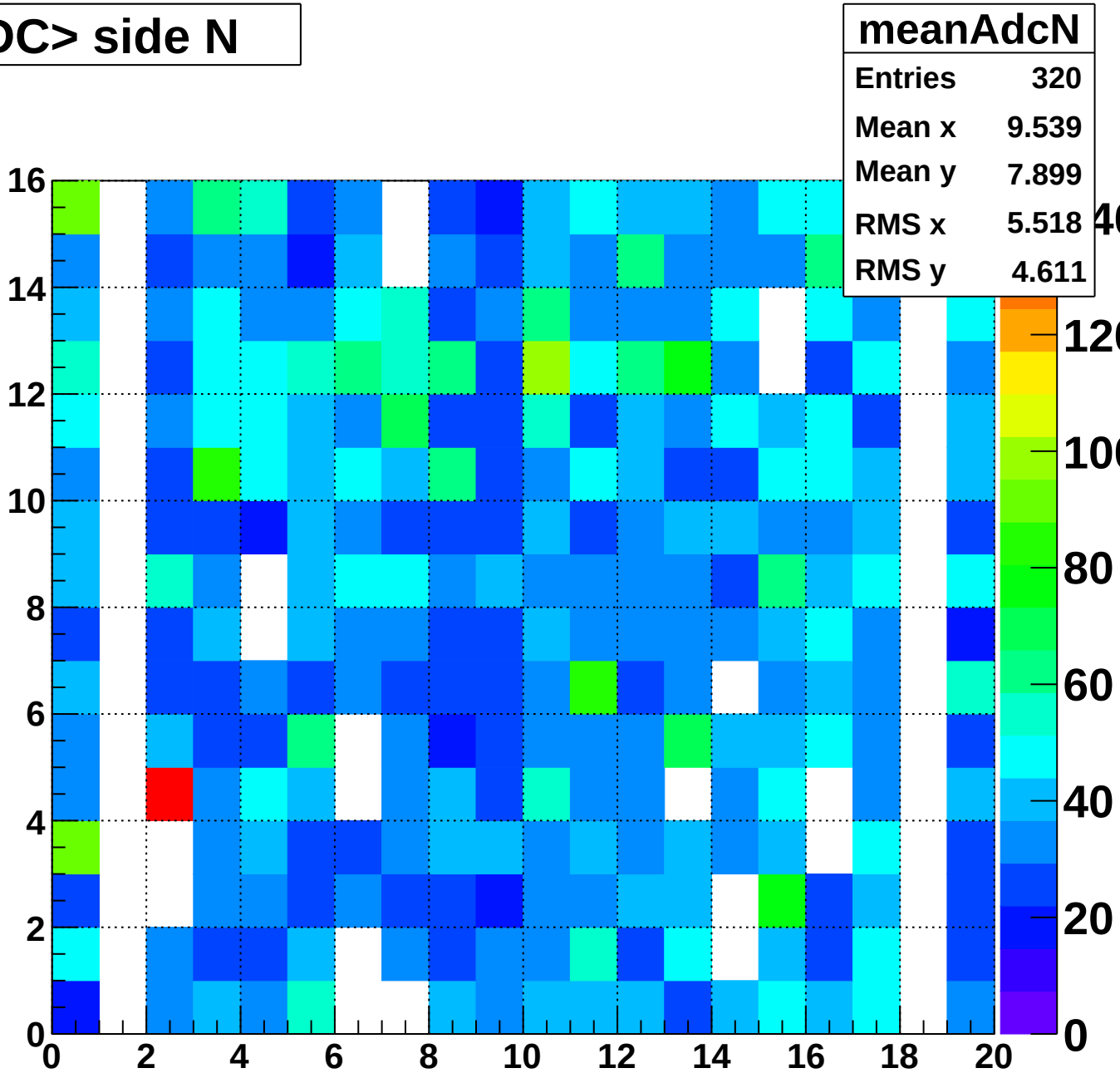
<ADC> side N



2016-05-23 08:22:48