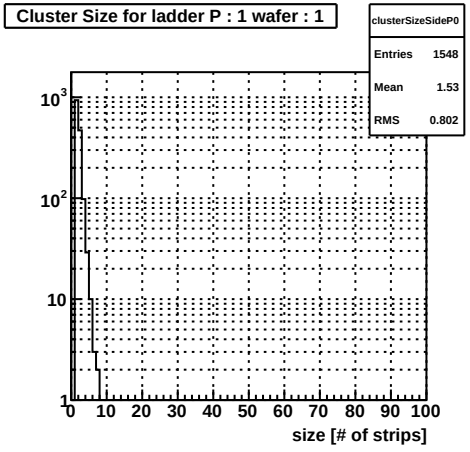
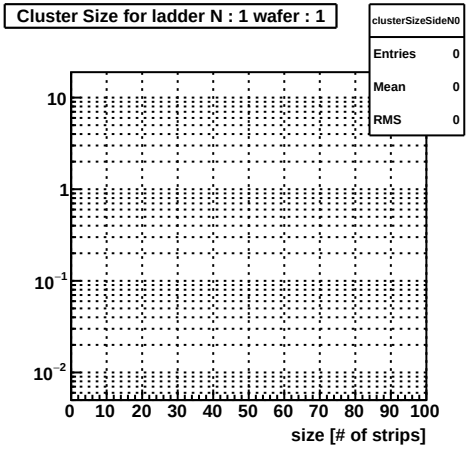
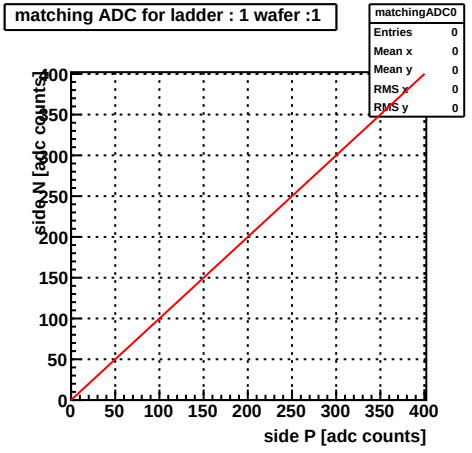
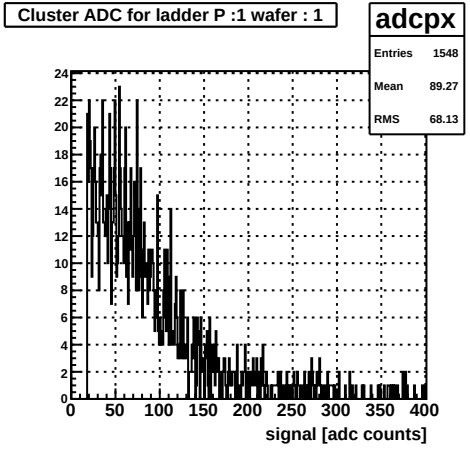
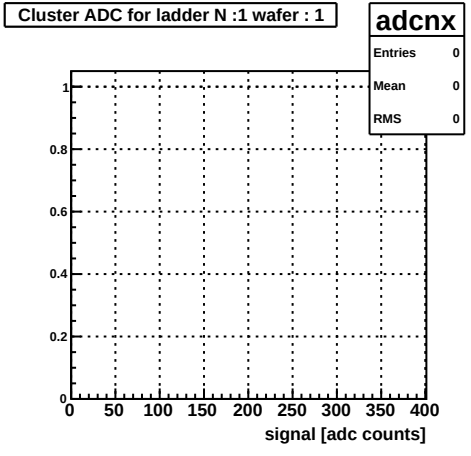
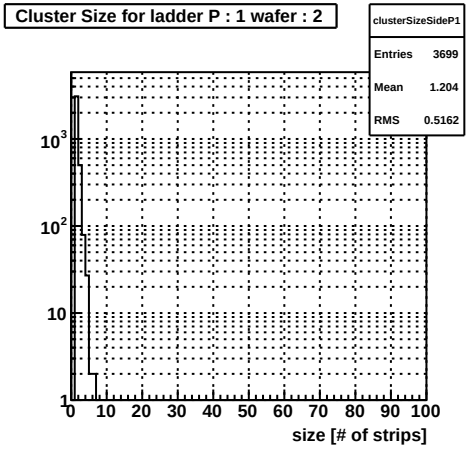

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1548
Mean 1.53
RMS 0.802
size [# of strips]

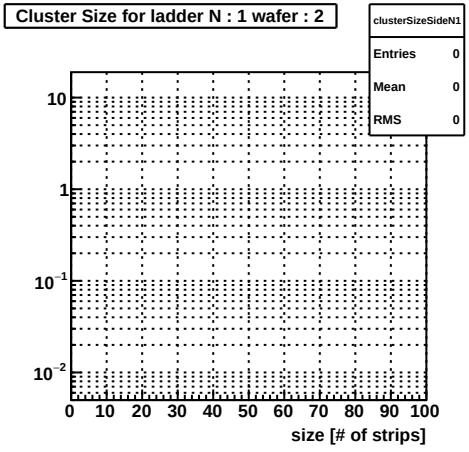

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

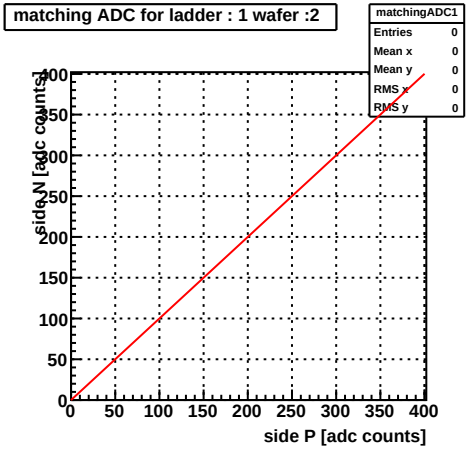

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

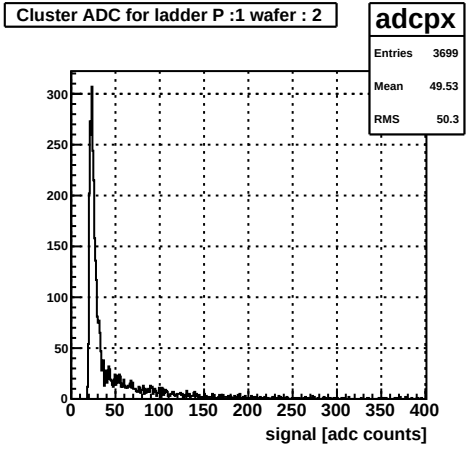

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1548
Mean 89.27
RMS 68.13
signal [adc counts]

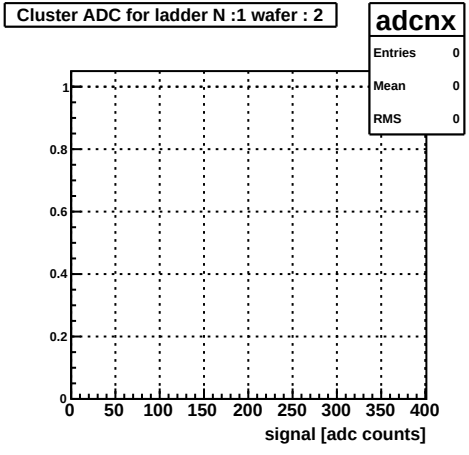

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

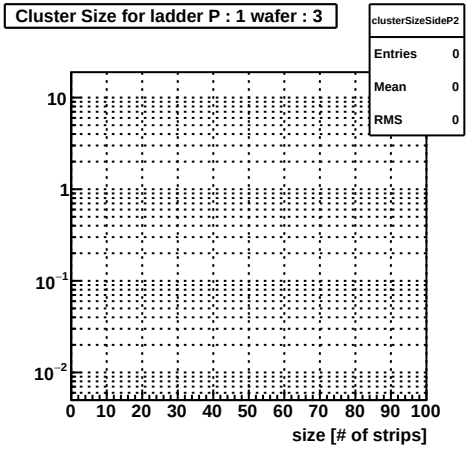

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3699
Mean 1.204
RMS 0.5162
size [# of strips]

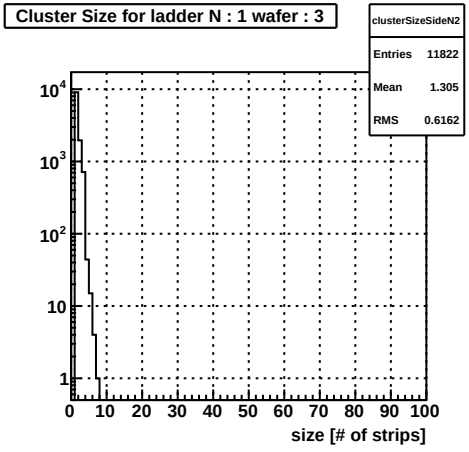

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

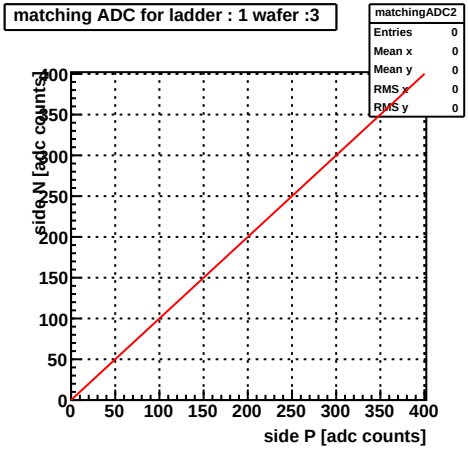

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

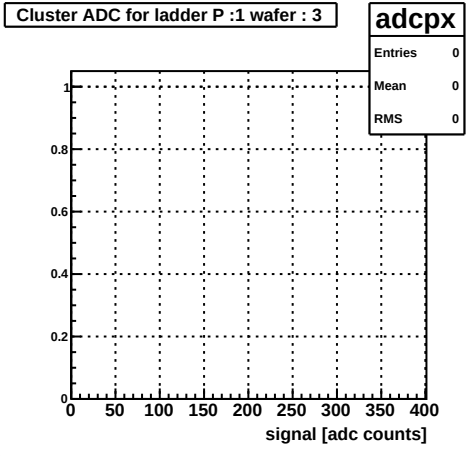

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3699
Mean 49.53
RMS 50.3
signal [adc counts]

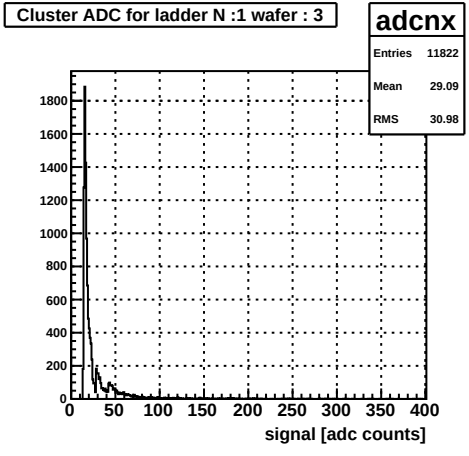

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

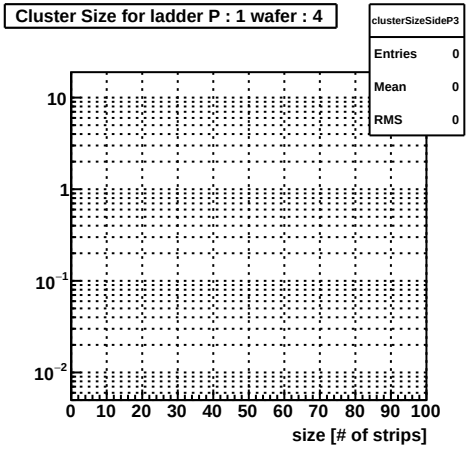

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

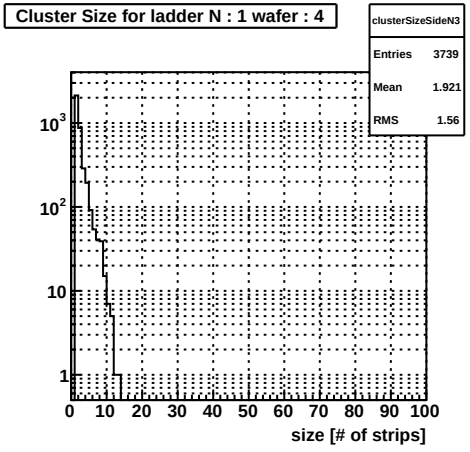

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 11822
Mean 1.305
RMS 0.6162
size [# of strips]

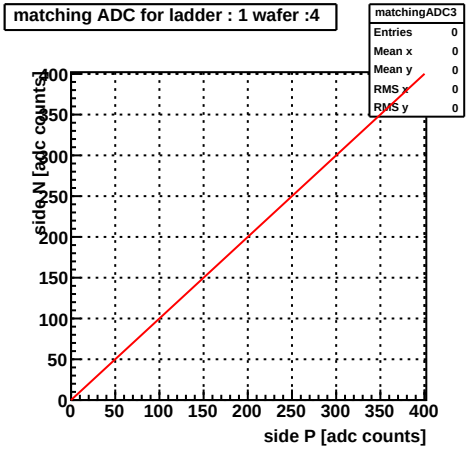

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

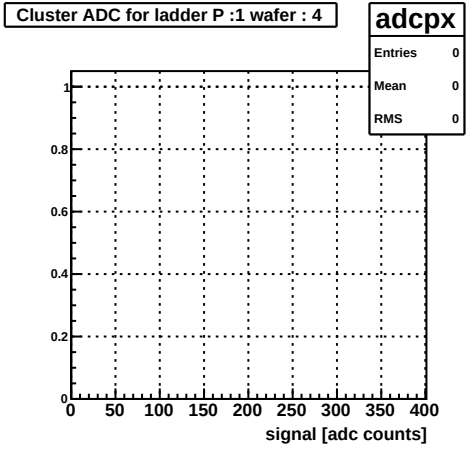

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

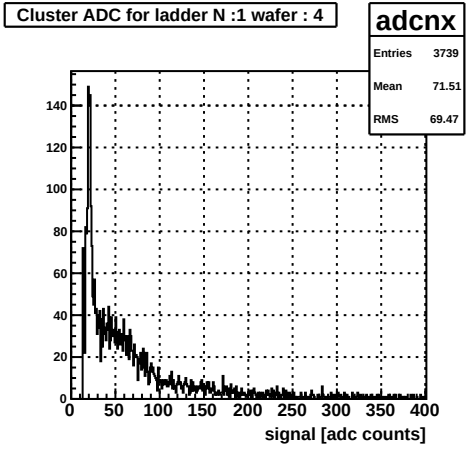

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 11822
Mean 29.09
RMS 30.98
signal [adc counts]

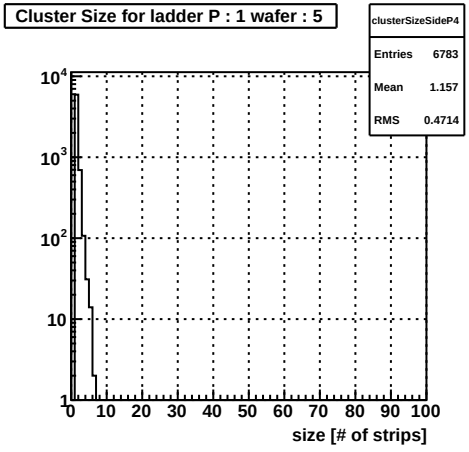

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

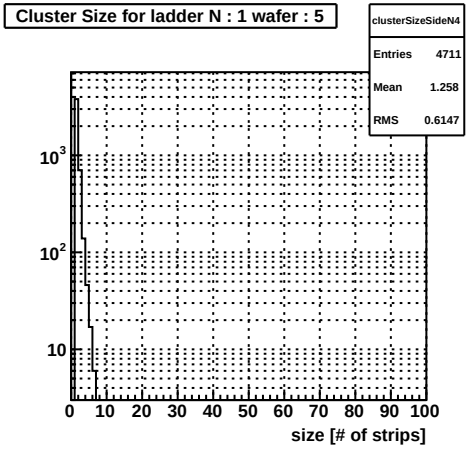

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3739
Mean 1.921
RMS 1.56
size [# of strips]

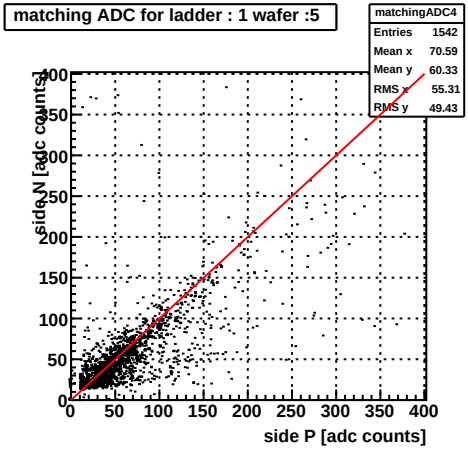

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

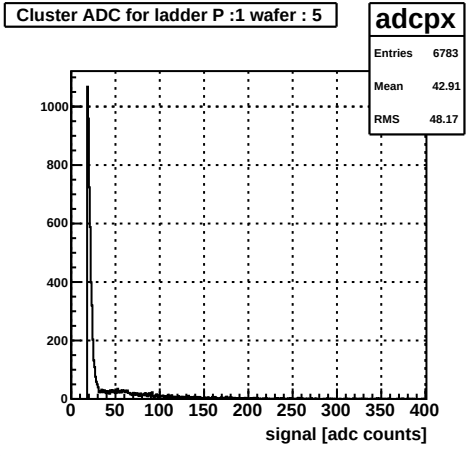

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

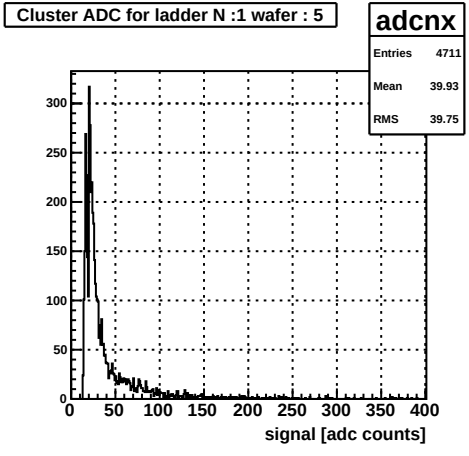

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3739
Mean 71.51
RMS 69.47
signal [adc counts]

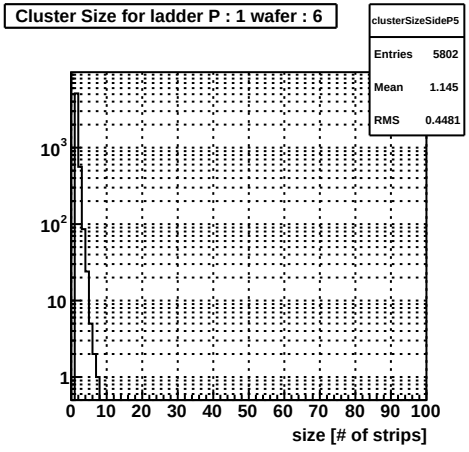

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 6783
Mean 1.157
RMS 0.4714
size [# of strips]

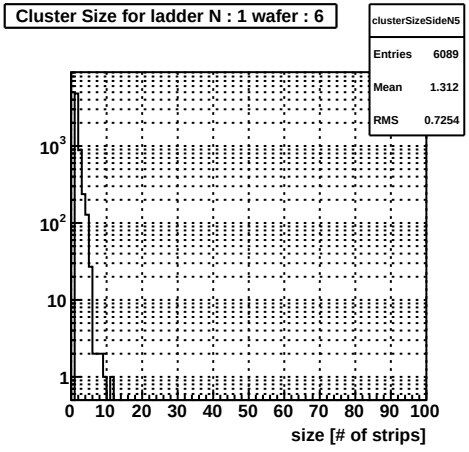

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4711
Mean 1.258
RMS 0.6147
size [# of strips]

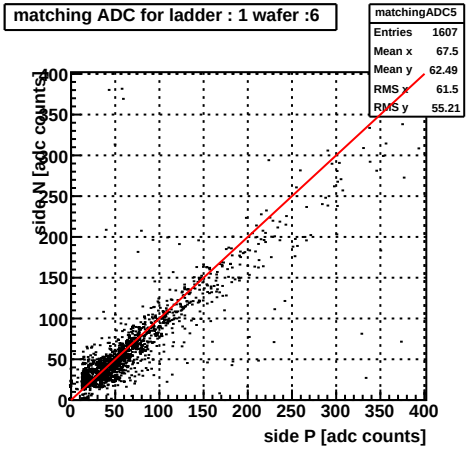

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1542
Mean x 70.59
Mean y 60.33
RMS x 55.31
RMS y 49.43
side N [adc counts]
side P [adc counts]

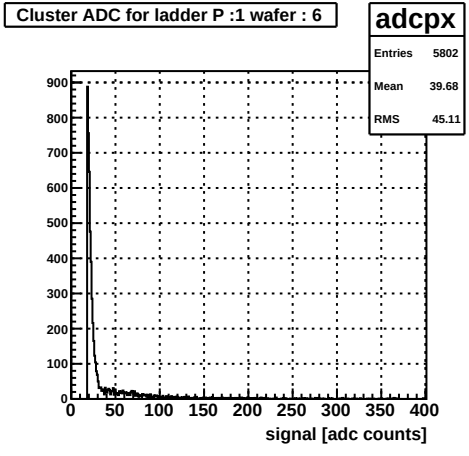

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 6783
Mean 42.91
RMS 48.17
signal [adc counts]

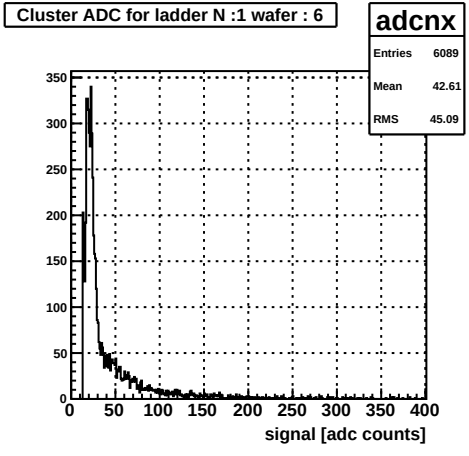

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4711
Mean 39.93
RMS 39.75
signal [adc counts]

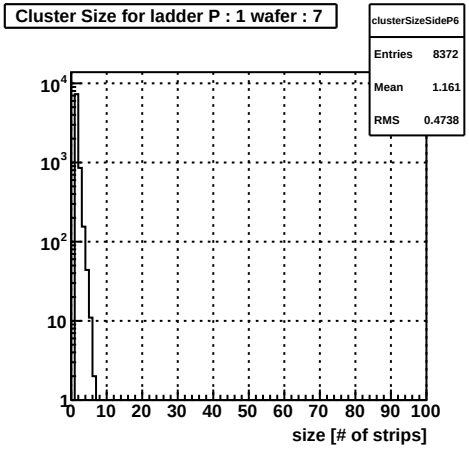

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5802
Mean 1.145
RMS 0.4481
size [# of strips]

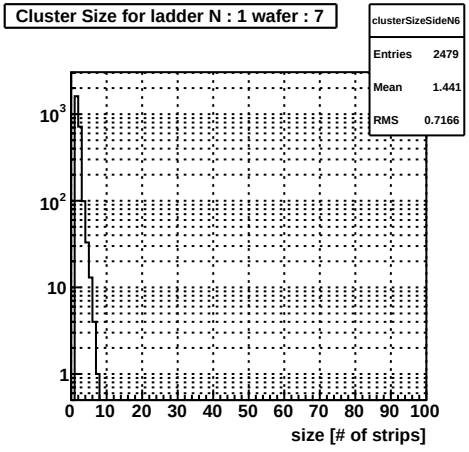

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 6089
Mean 1.312
RMS 0.7254
size [# of strips]

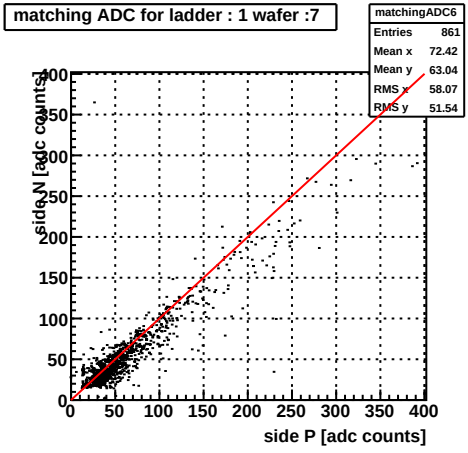

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1607
Mean x 67.5
Mean y 62.49
RMS x 61.5
RMS y 55.21
side N [adc counts]
side P [adc counts]

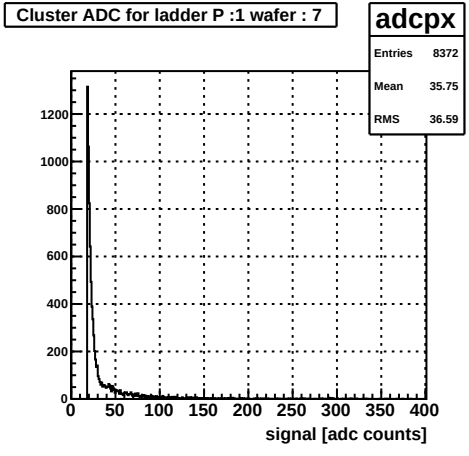

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5802
Mean 39.68
RMS 45.11
signal [adc counts]

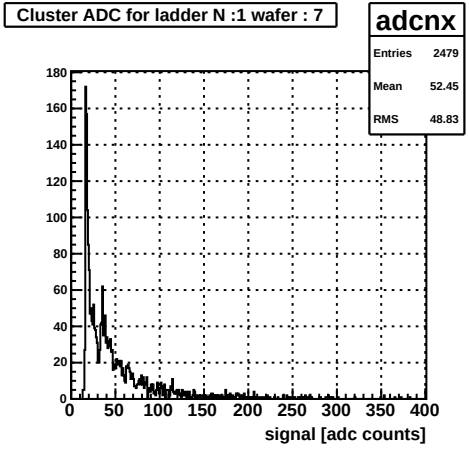

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 6089
Mean 42.61
RMS 45.09
signal [adc counts]

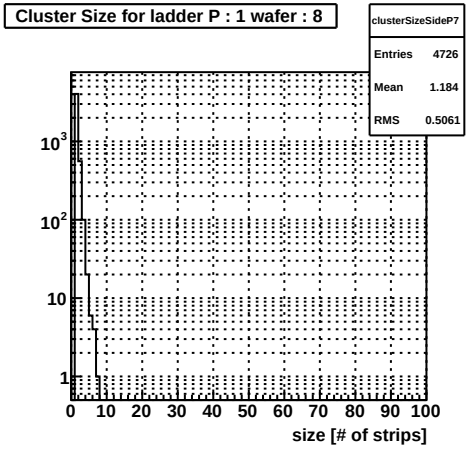

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 8372
Mean 1.161
RMS 0.4738
size [# of strips]

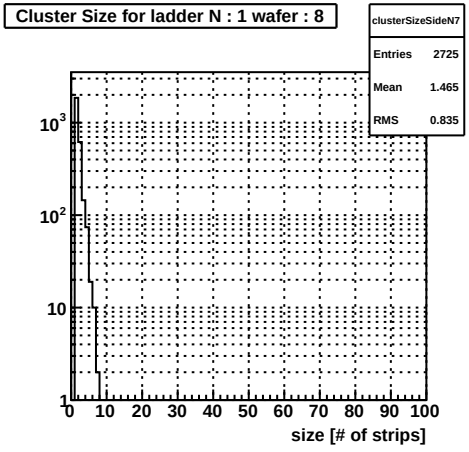

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2479
Mean 1.441
RMS 0.7166
size [# of strips]

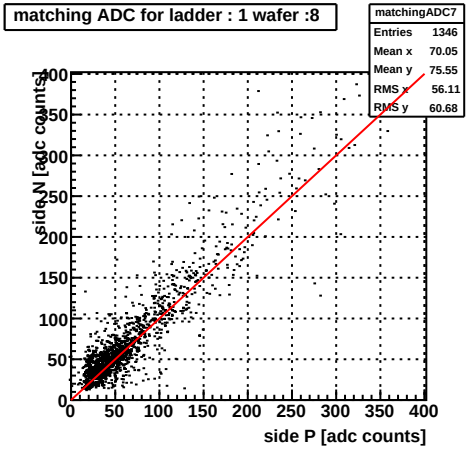

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 861
Mean x 72.42
Mean y 63.04
RMS x 58.07
RMS y 51.54
side N [adc counts]
side P [adc counts]

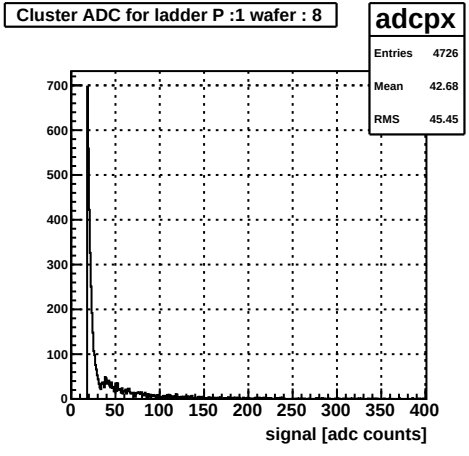

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 8372
Mean 35.75
RMS 36.59
signal [adc counts]

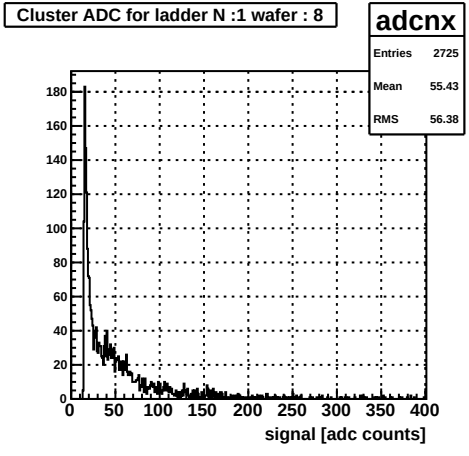

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2479
Mean 52.45
RMS 48.83
signal [adc counts]

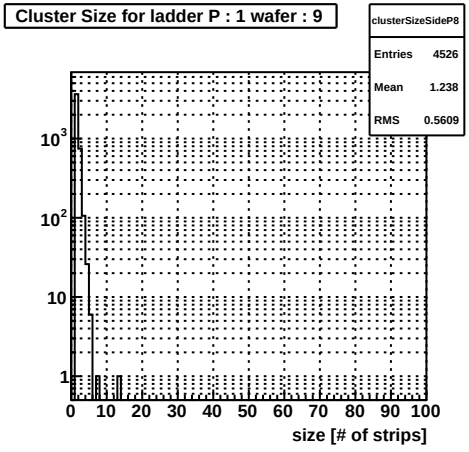

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 4726
Mean 1.184
RMS 0.5061
size [# of strips]

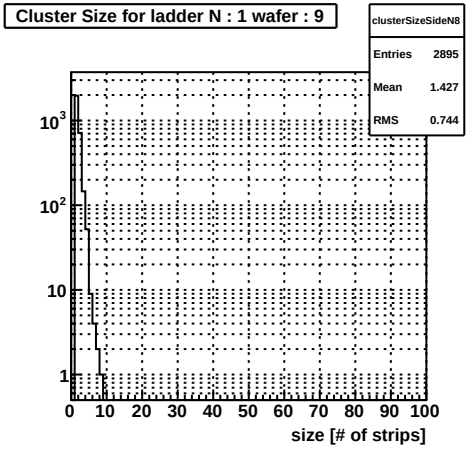

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 2725
Mean 1.465
RMS 0.835
size [# of strips]

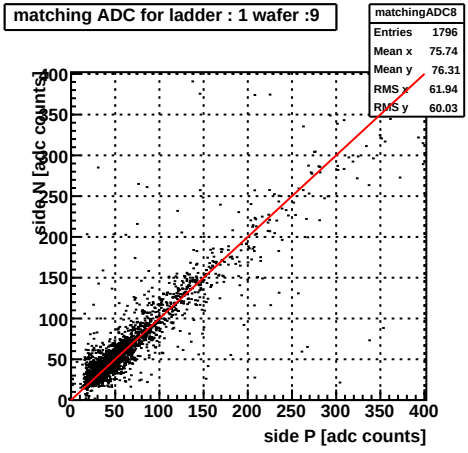

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 1346
Mean x 70.05
Mean y 75.55
RMS x 56.11
RMS y 60.68
side N [adc counts]
side P [adc counts]

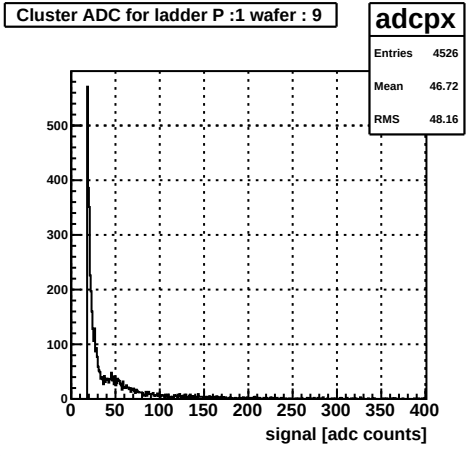

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 4726
Mean 42.68
RMS 45.45
signal [adc counts]

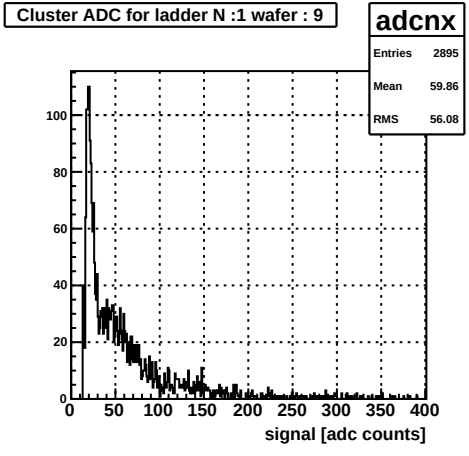

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 2725
Mean 55.43
RMS 56.38
signal [adc counts]

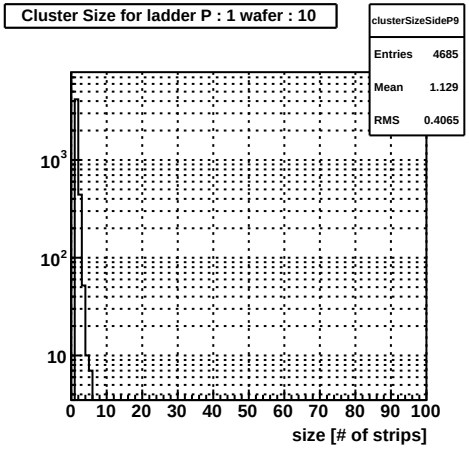

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4526
Mean 1.238
RMS 0.5609
size [# of strips]

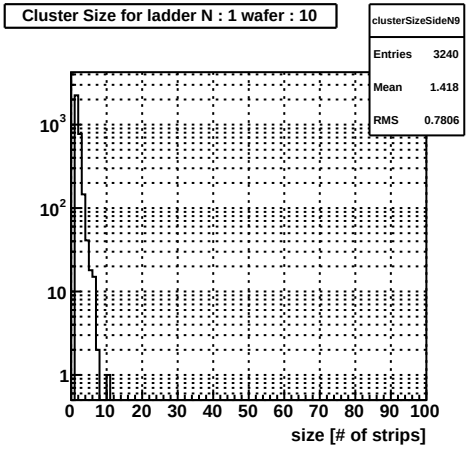

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2895
Mean 1.427
RMS 0.744
size [# of strips]

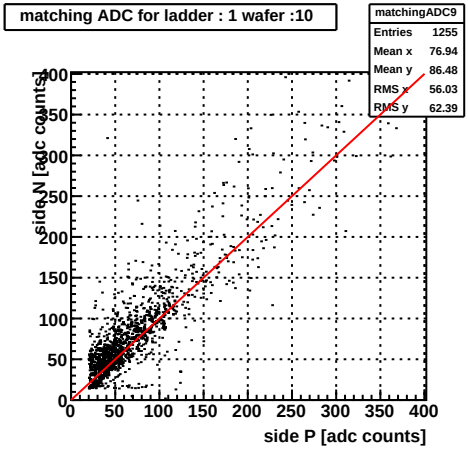

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1796
Mean x 75.74
Mean y 76.31
RMS x 61.94
RMS y 60.03
side N [adc counts]
side P [adc counts]

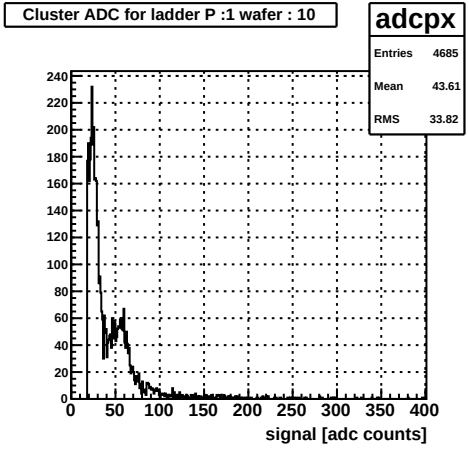

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4526
Mean 46.72
RMS 48.16
signal [adc counts]

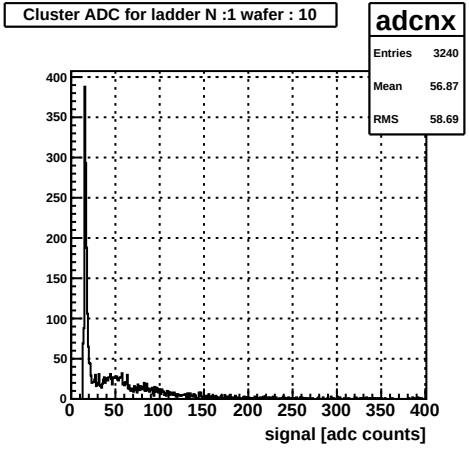

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2895
Mean 59.86
RMS 56.08
signal [adc counts]

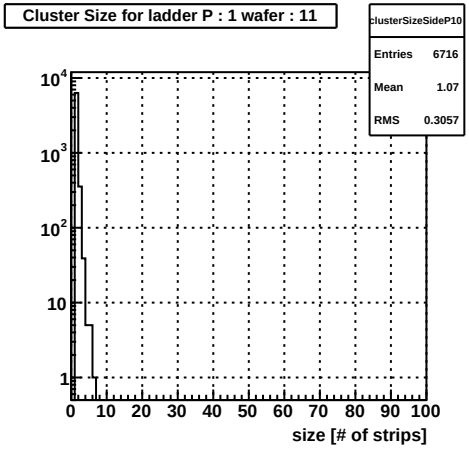

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4685
Mean 1.129
RMS 0.4065
size [# of strips]

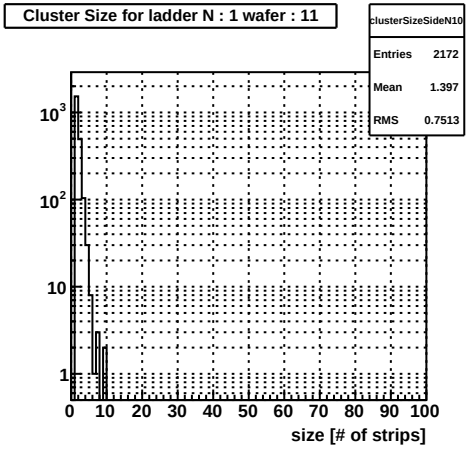

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3240
Mean 1.418
RMS 0.7806
size [# of strips]

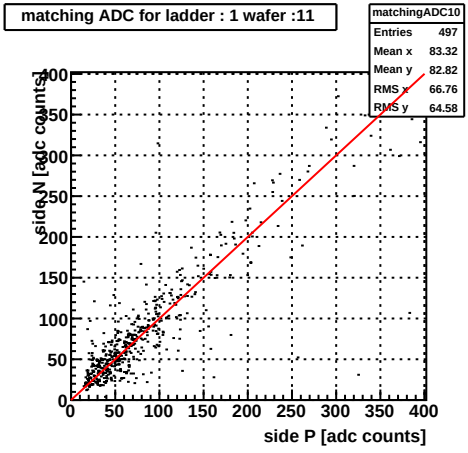

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1255
Mean x 76.94
Mean y 86.48
RMS x 56.03
RMS y 62.39
side N [adc counts]
side P [adc counts]

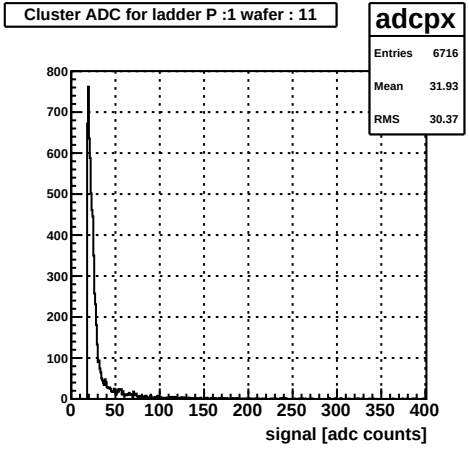

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4685
Mean 43.61
RMS 33.82
signal [adc counts]

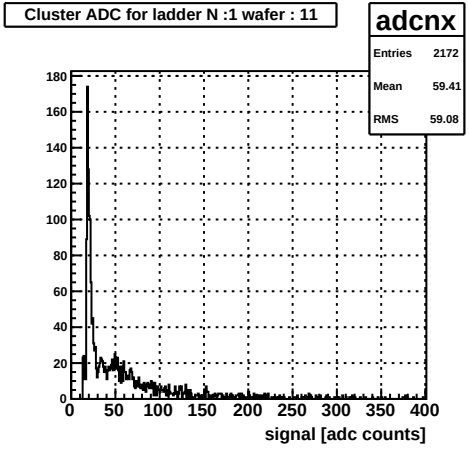

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3240
Mean 56.87
RMS 58.69
signal [adc counts]

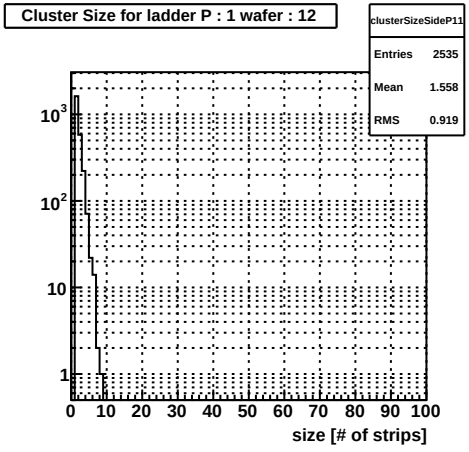

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6716
Mean 1.07
RMS 0.3057
size [# of strips]

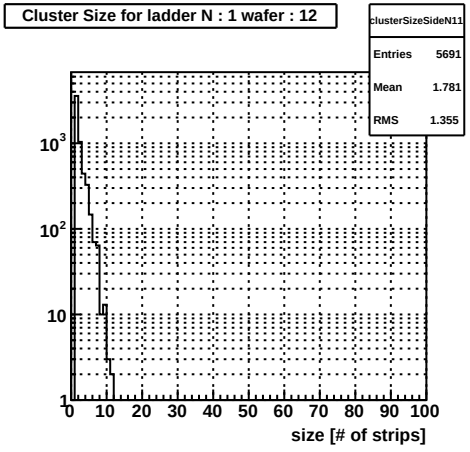

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2172
Mean 1.397
RMS 0.7513
size [# of strips]

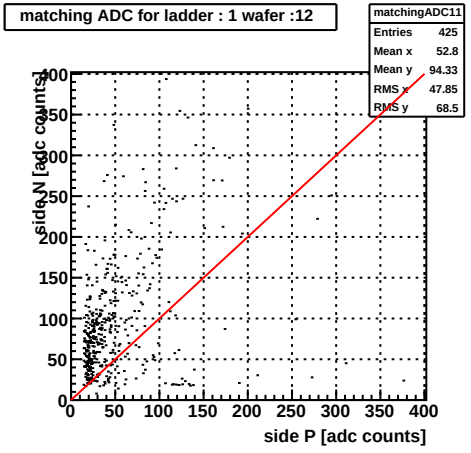

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 497
Mean x 83.32
Mean y 82.82
RMS x 66.76
RMS y 64.58
side N [adc counts]
side P [adc counts]

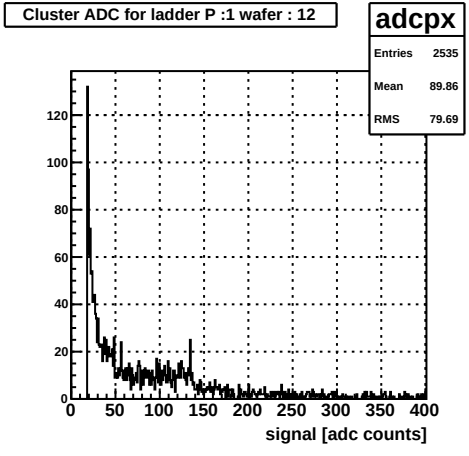

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6716
Mean 31.93
RMS 30.37
signal [adc counts]

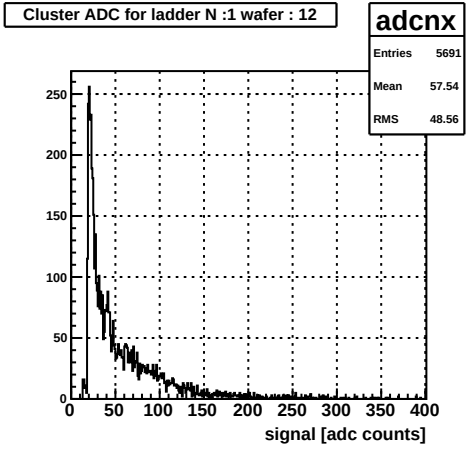

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2172
Mean 59.41
RMS 59.08
signal [adc counts]

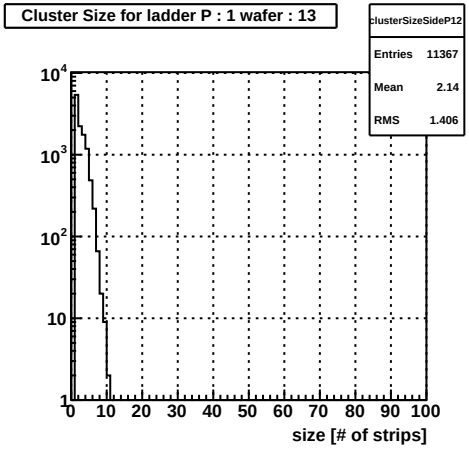

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2535
Mean 1.558
RMS 0.919
size [# of strips]

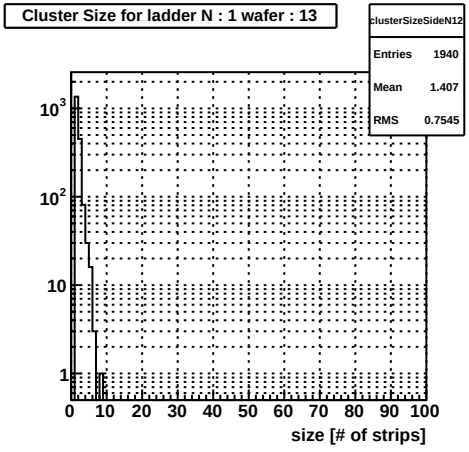

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 5691
Mean 1.781
RMS 1.355
size [# of strips]

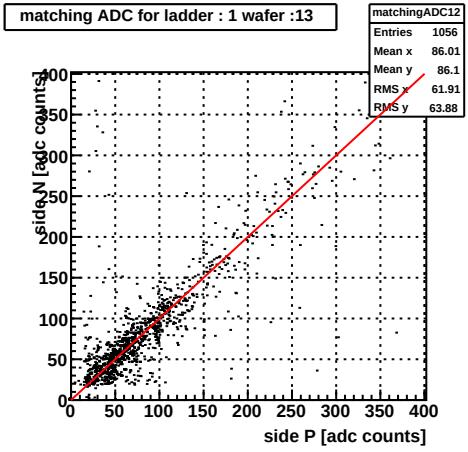

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 425
Mean x 52.8
Mean y 94.33
RMS x 47.85
RMS y 68.5
side N [adc counts]
side P [adc counts]

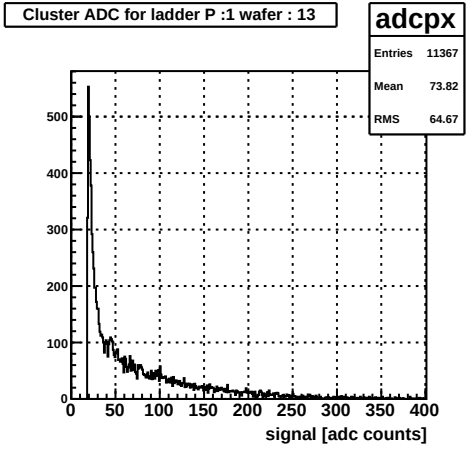

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2535
Mean 89.86
RMS 79.69
signal [adc counts]

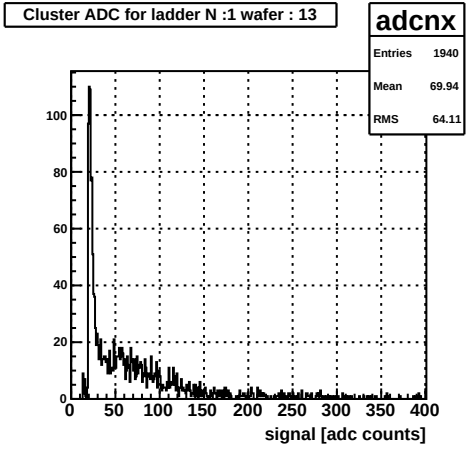

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 5691
Mean 57.54
RMS 48.56
signal [adc counts]

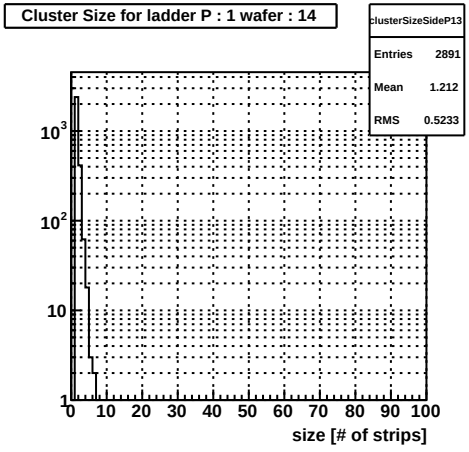

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11367
Mean 2.14
RMS 1.406
size [# of strips]

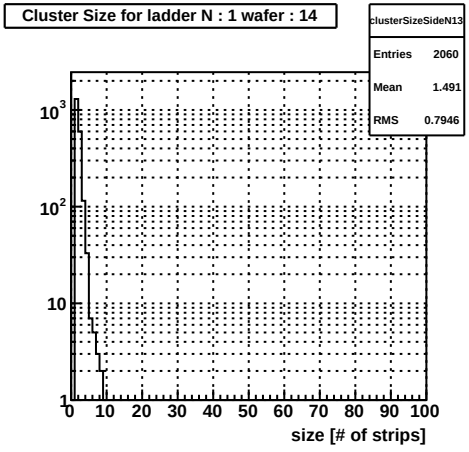

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1940
Mean 1.407
RMS 0.7545
size [# of strips]

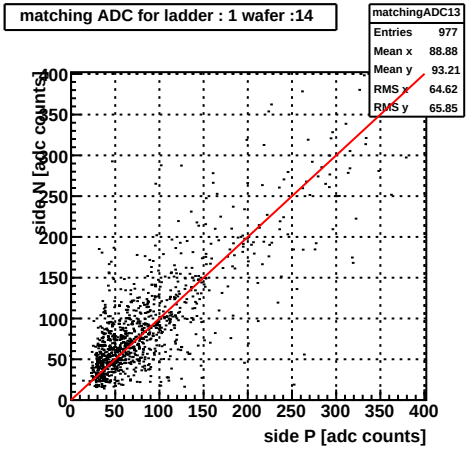

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1056
Mean x 86.01
Mean y 86.1
RMS x 61.91
RMS y 63.88
side N [adc counts]
side P [adc counts]

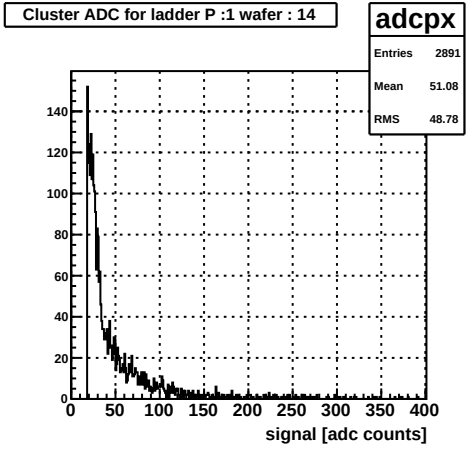

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11367
Mean 73.82
RMS 64.67
signal [adc counts]

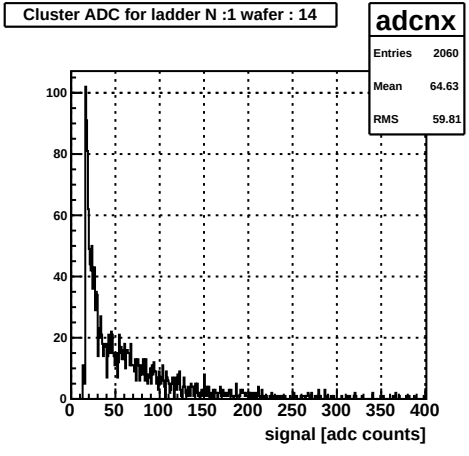

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1940
Mean 69.94
RMS 64.11
signal [adc counts]

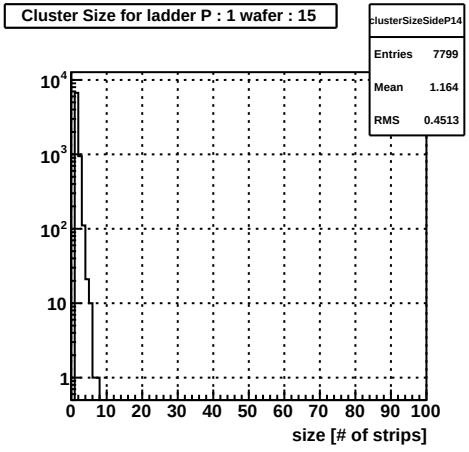

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2891
Mean 1.212
RMS 0.5233
size [# of strips]

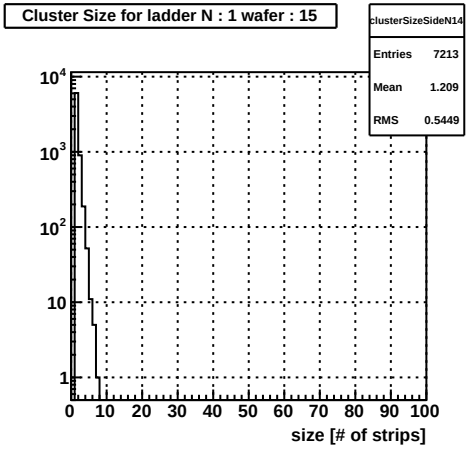

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2060
Mean 1.491
RMS 0.7946
size [# of strips]

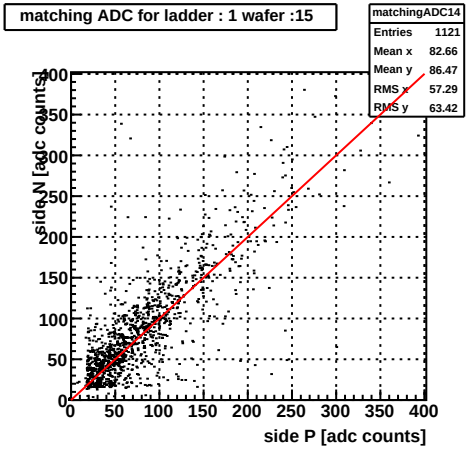

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 977
Mean x 88.88
Mean y 93.21
RMS x 64.62
RMS y 65.85
side N [adc counts]
side P [adc counts]

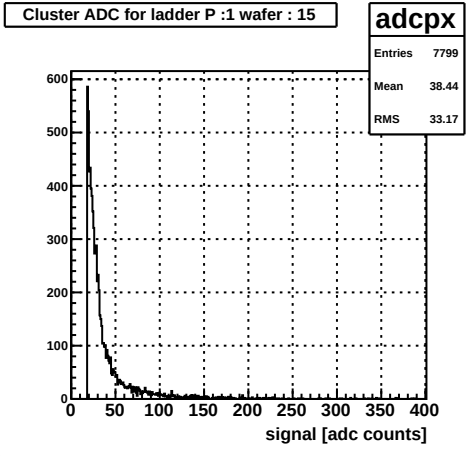

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2891
Mean 51.08
RMS 48.78
signal [adc counts]

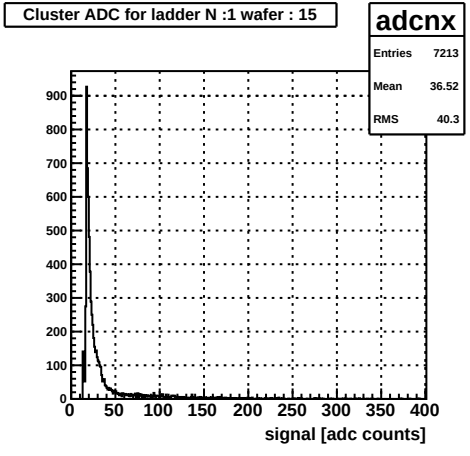

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2060
Mean 64.63
RMS 59.81
signal [adc counts]

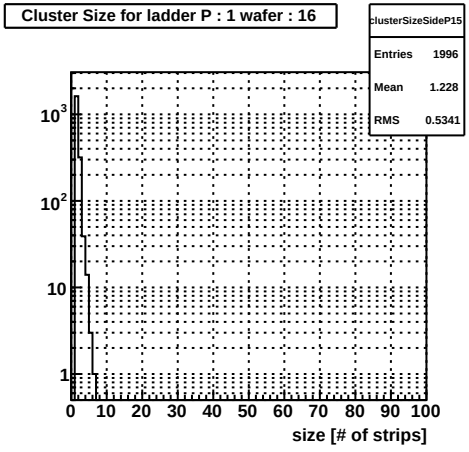

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7799
Mean 1.164
RMS 0.4513
size [# of strips]

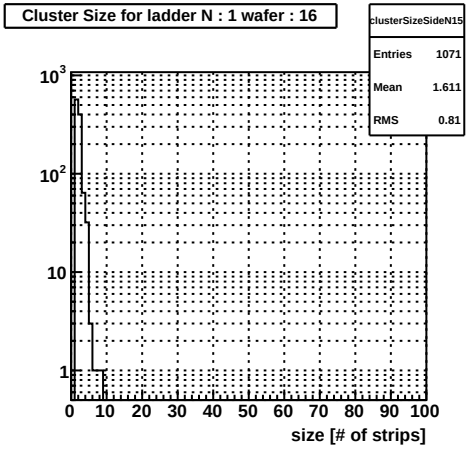

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 7213
Mean 1.209
RMS 0.5449
size [# of strips]

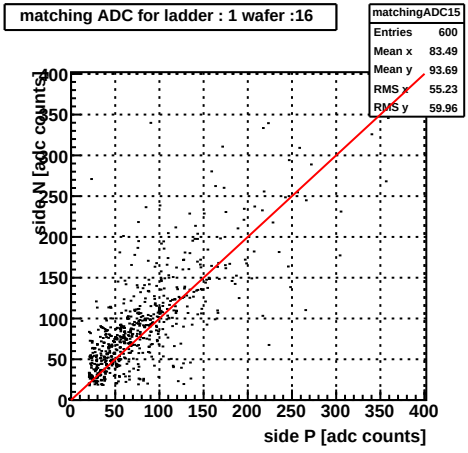

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1121
Mean x 82.66
Mean y 86.47
RMS x 57.29
RMS y 63.42
side N [adc counts]
side P [adc counts]

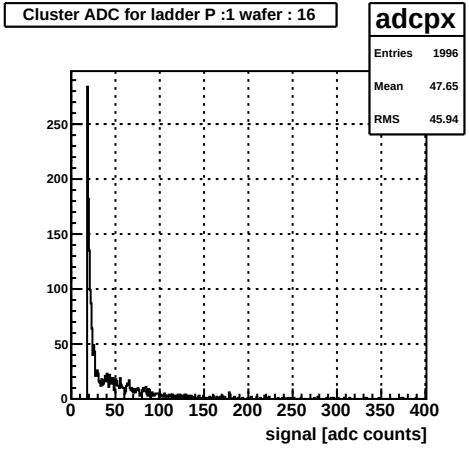

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7799
Mean 38.44
RMS 33.17
signal [adc counts]

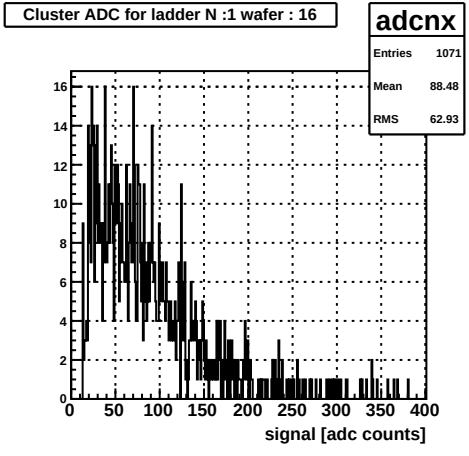

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 7213
Mean 36.52
RMS 40.3
signal [adc counts]

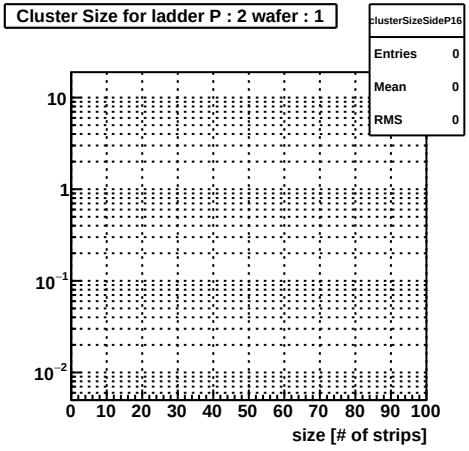

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1996
Mean 1.228
RMS 0.5341
size [# of strips]

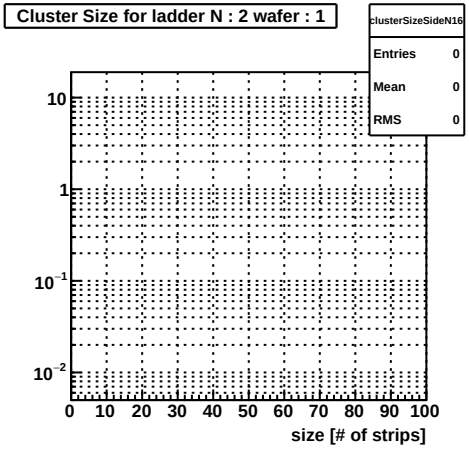

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1071
Mean 1.611
RMS 0.81
size [# of strips]

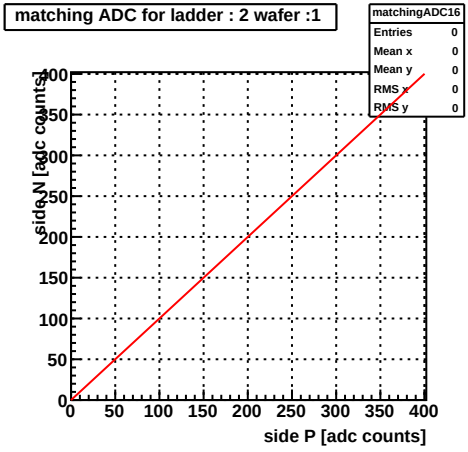

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 600
Mean x 83.49
Mean y 93.69
RMS x 55.23
RMS y 59.96
side N [adc counts]
side P [adc counts]

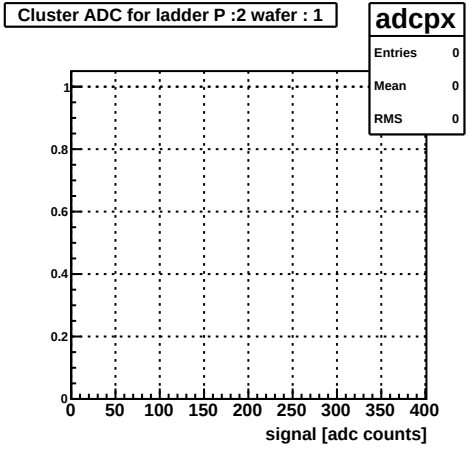

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1996
Mean 47.65
RMS 45.94
signal [adc counts]

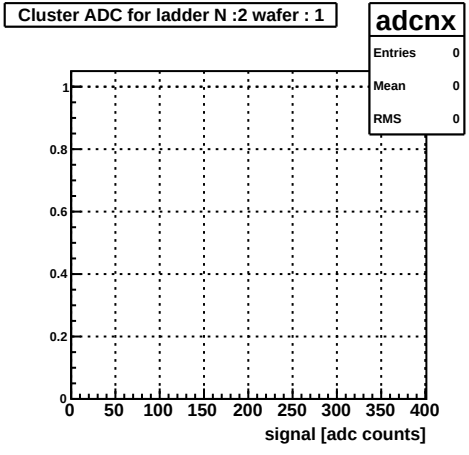

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1071
Mean 88.48
RMS 62.93
signal [adc counts]

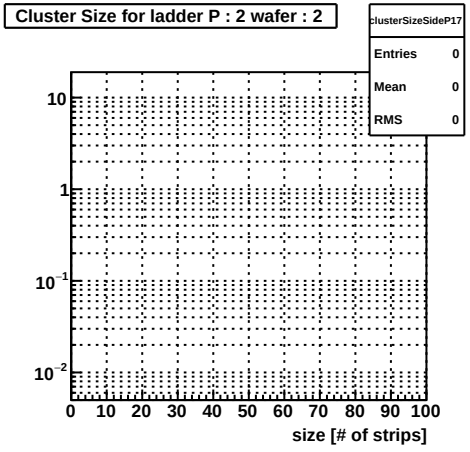

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

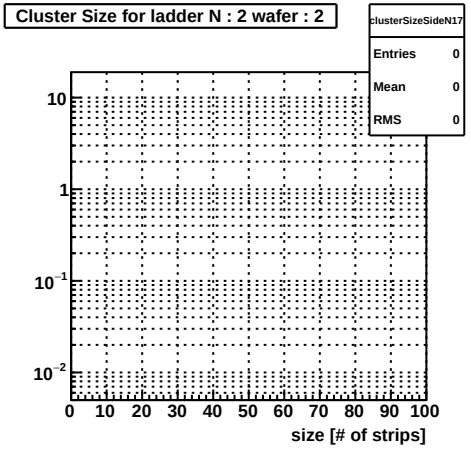

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

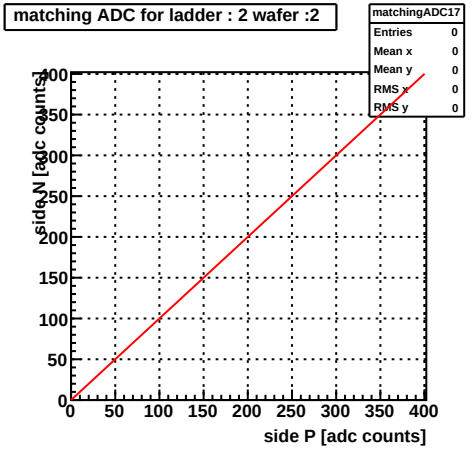

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

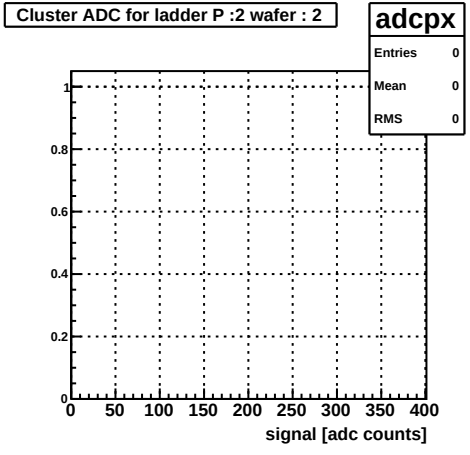

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

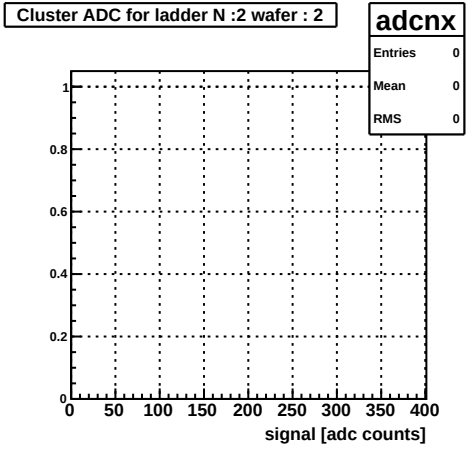

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

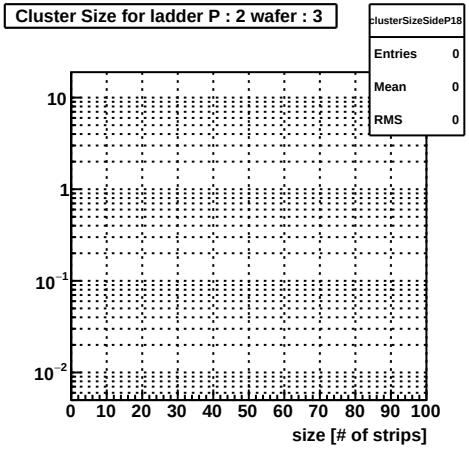

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

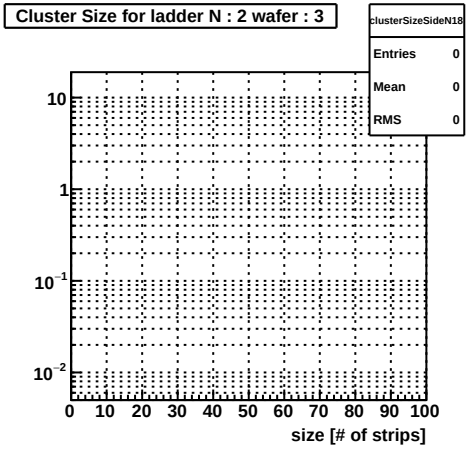

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

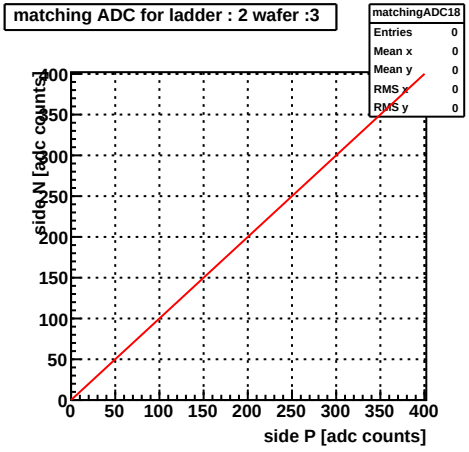

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

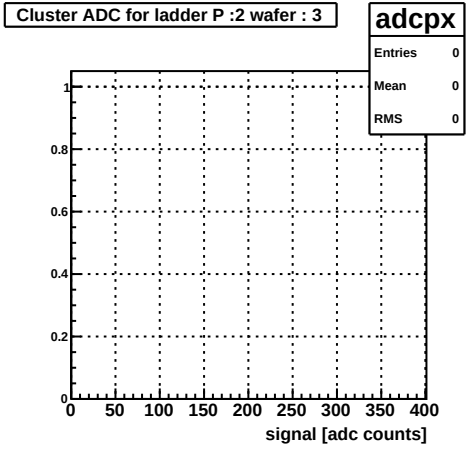

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

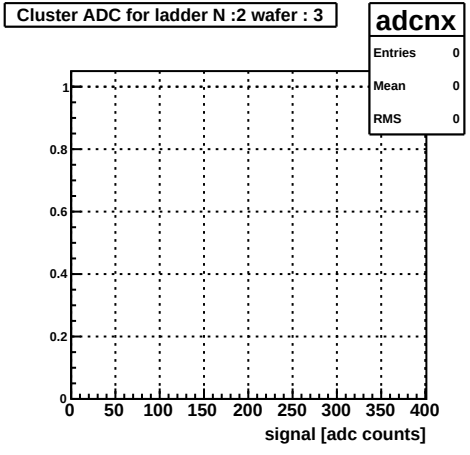

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

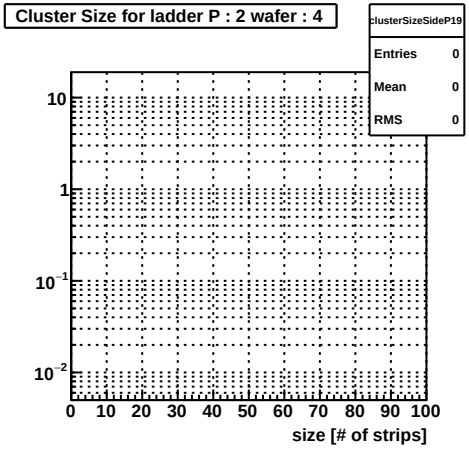

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

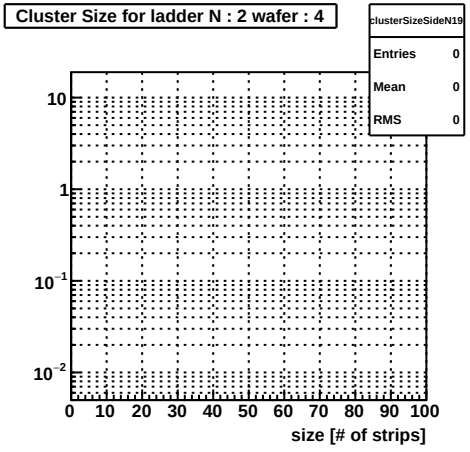

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

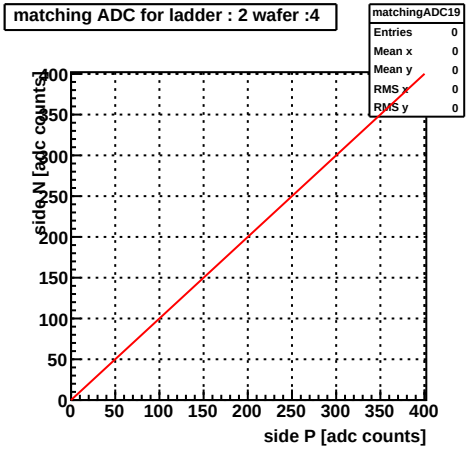

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

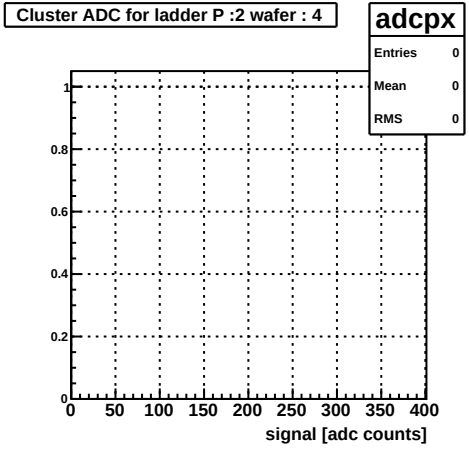

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

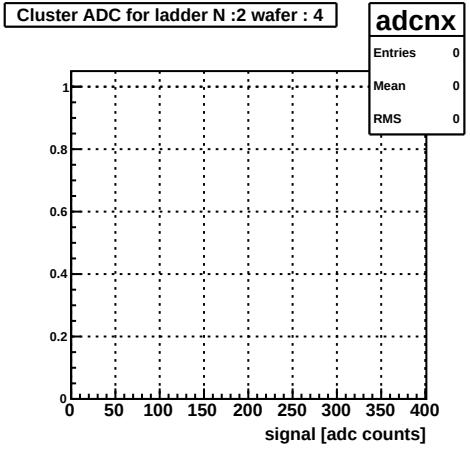

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

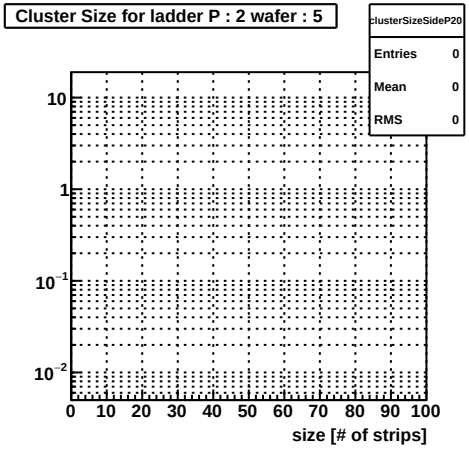

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

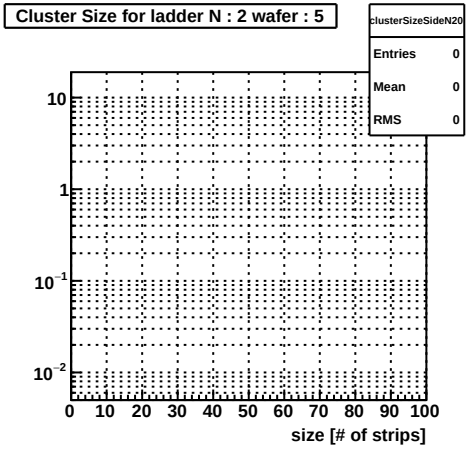

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

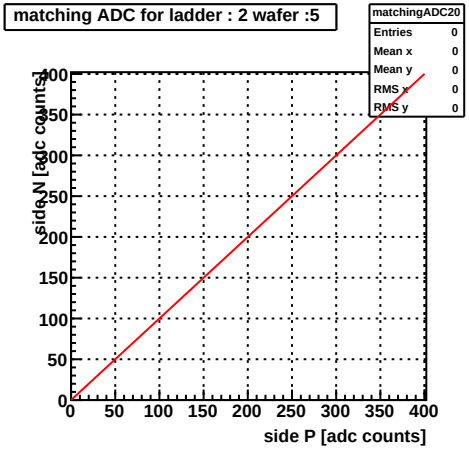

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

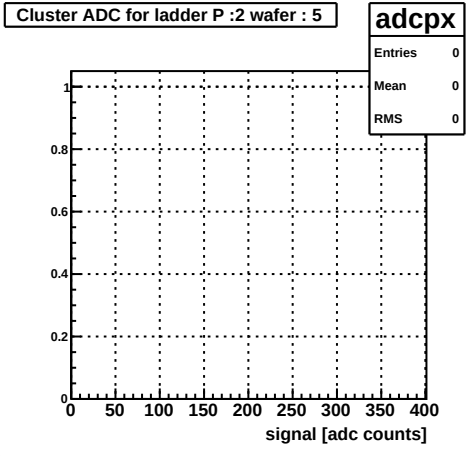

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

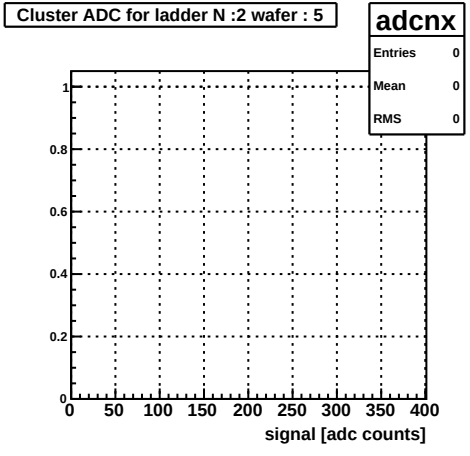

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

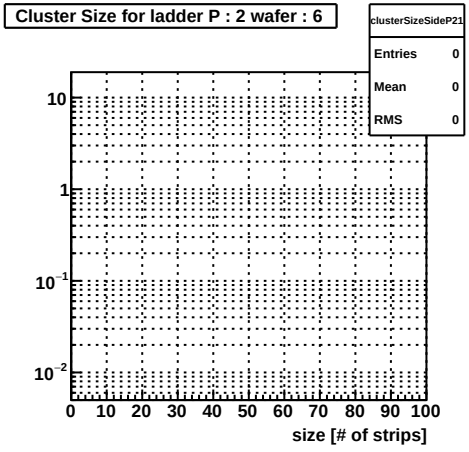

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

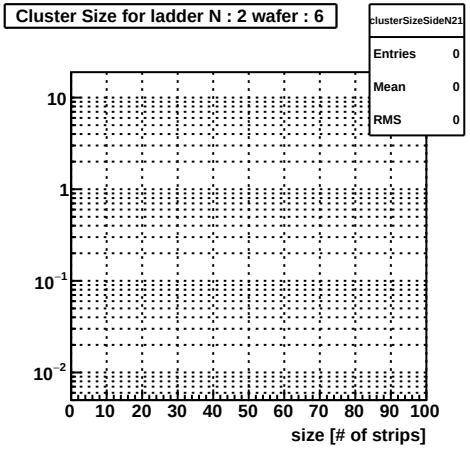

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

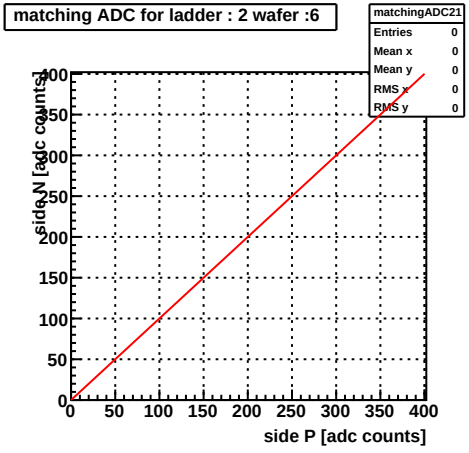

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

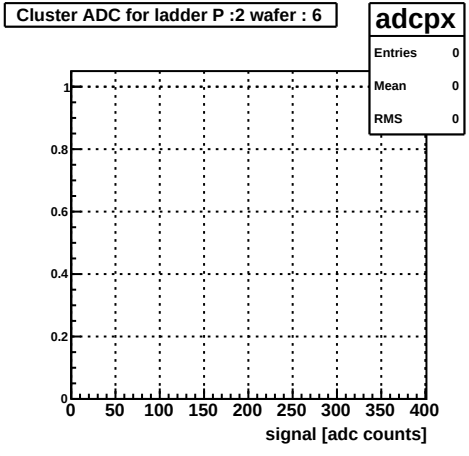

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

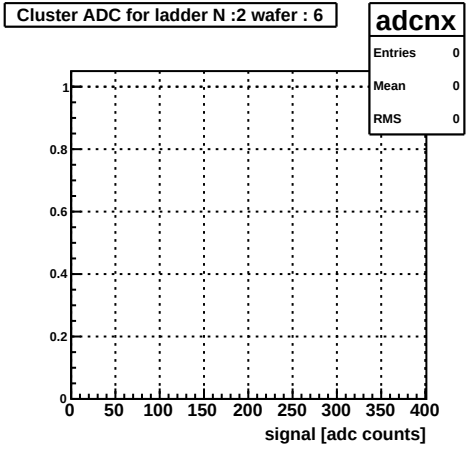

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

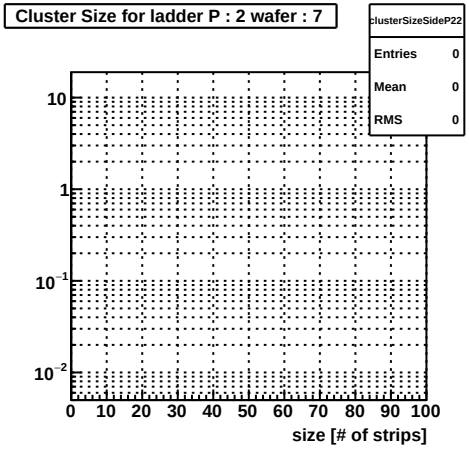

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

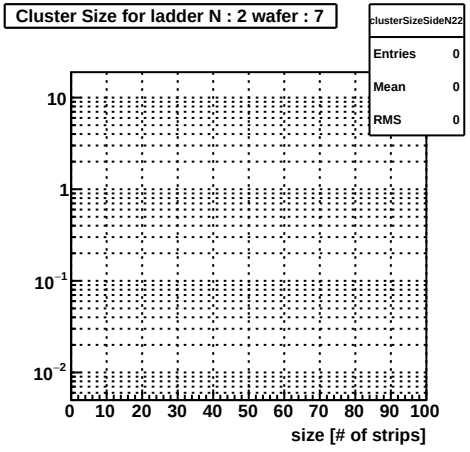

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

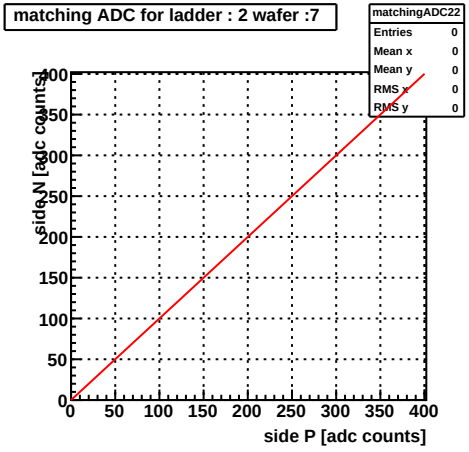

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

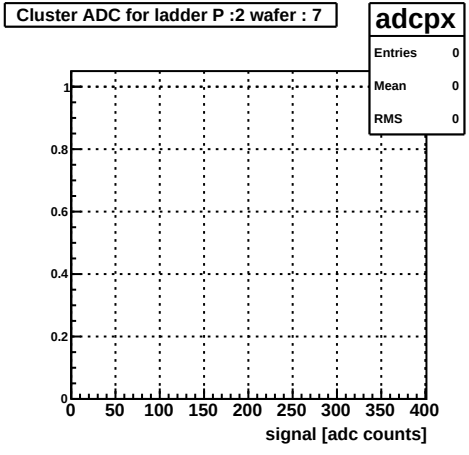

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

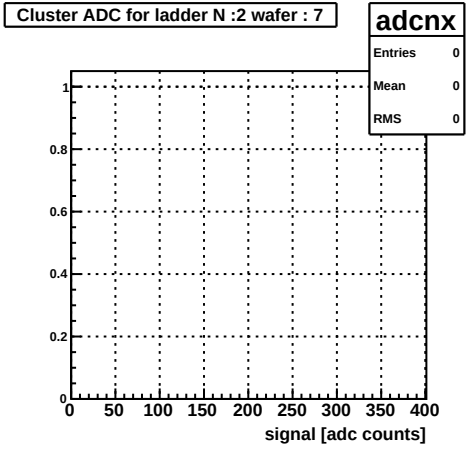

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

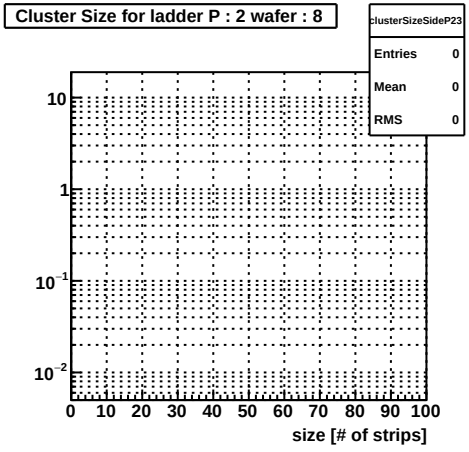

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

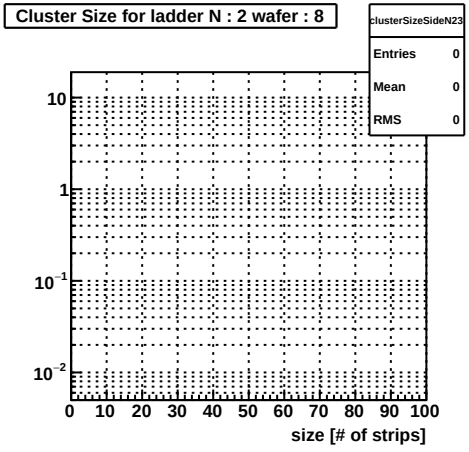

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

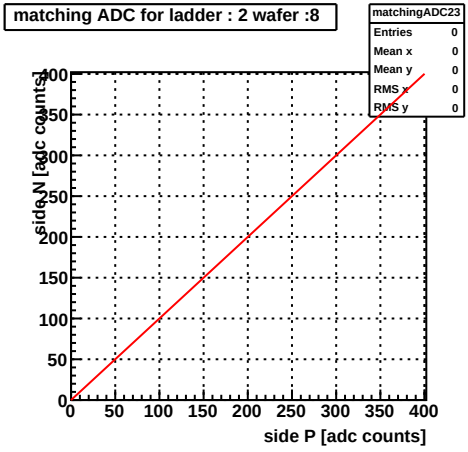

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

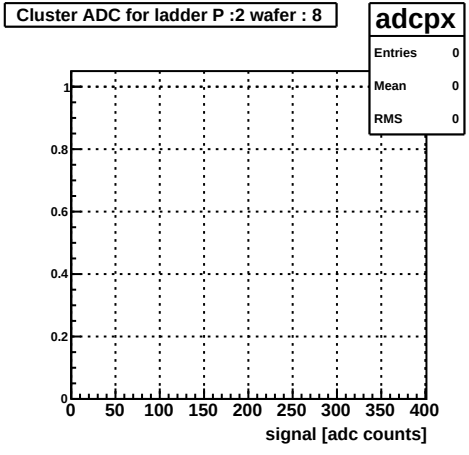

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

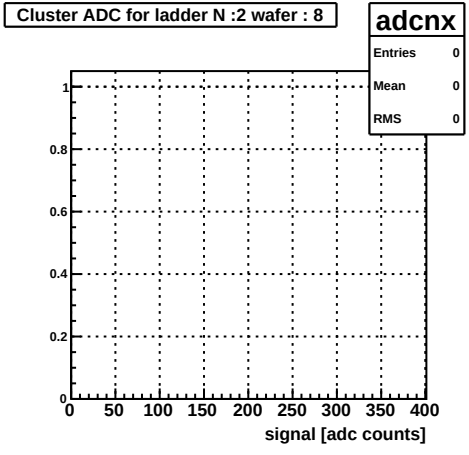

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

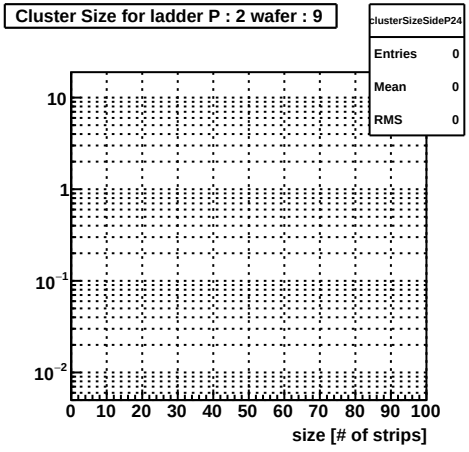

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

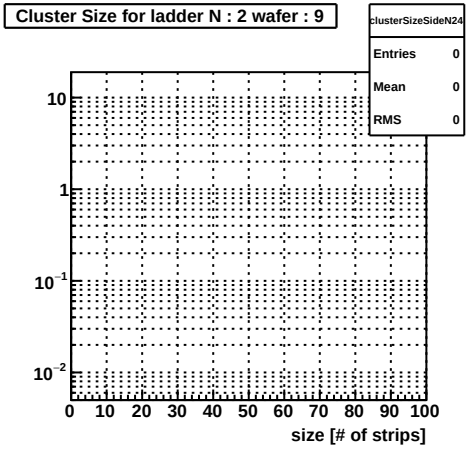

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

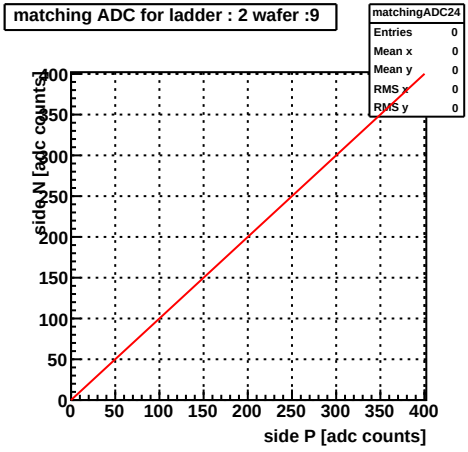

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

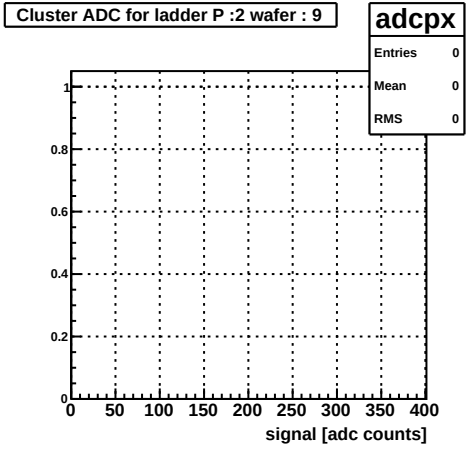

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

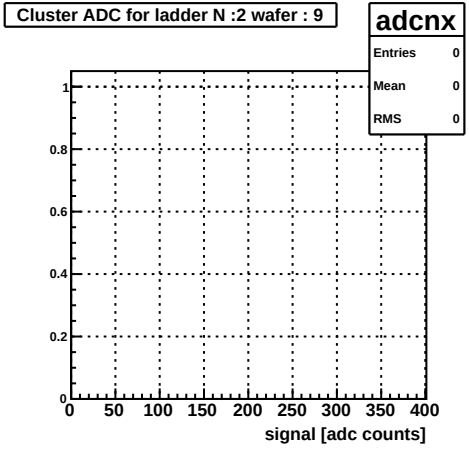

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

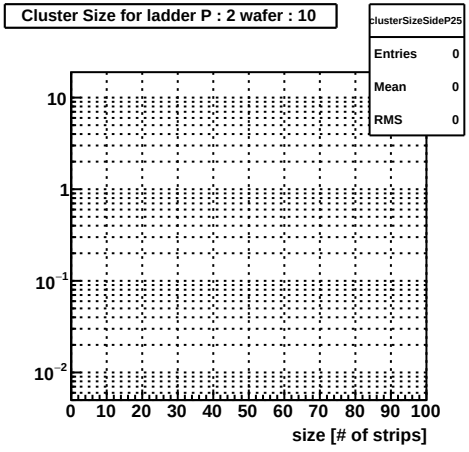

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

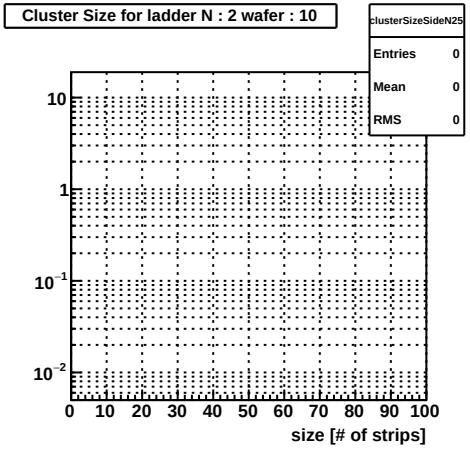

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

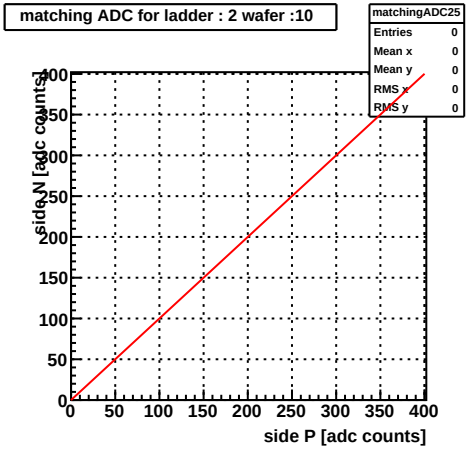

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

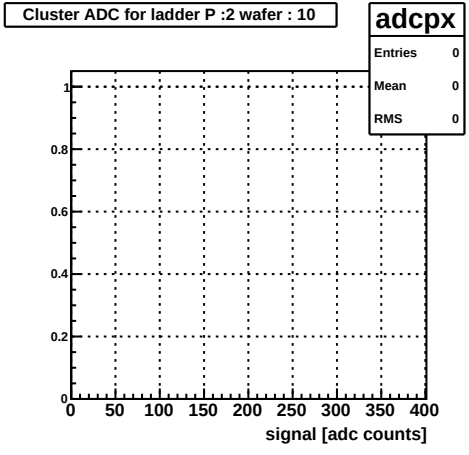

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

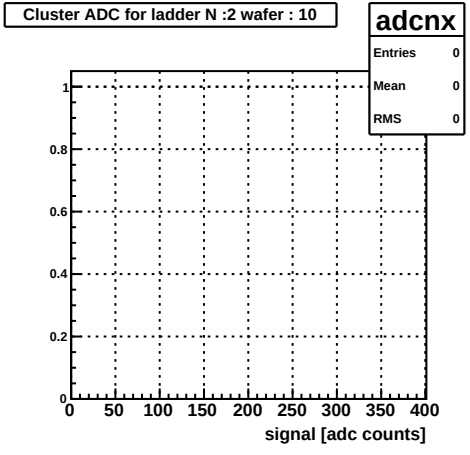

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

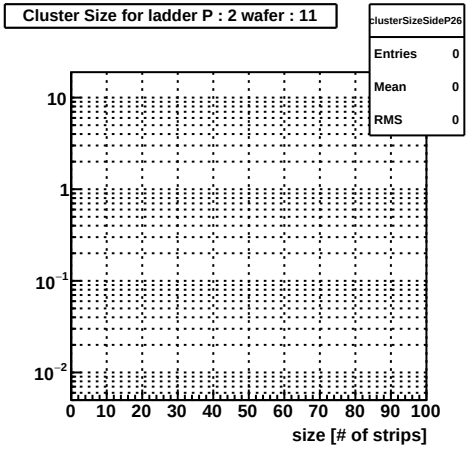

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

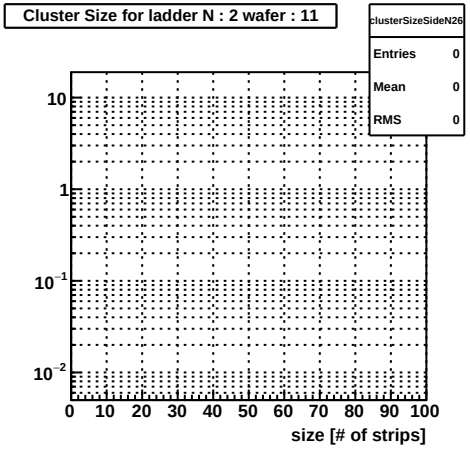

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

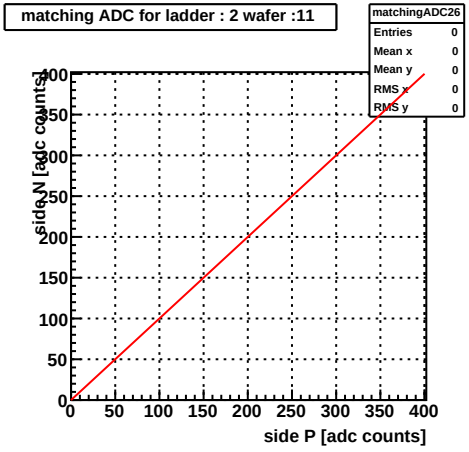

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

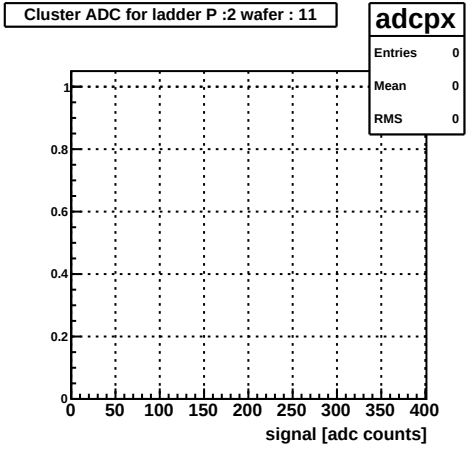

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

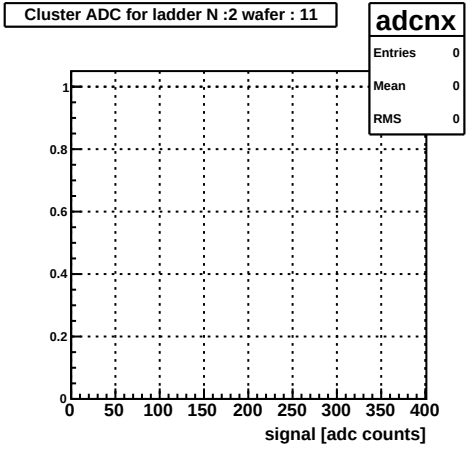

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

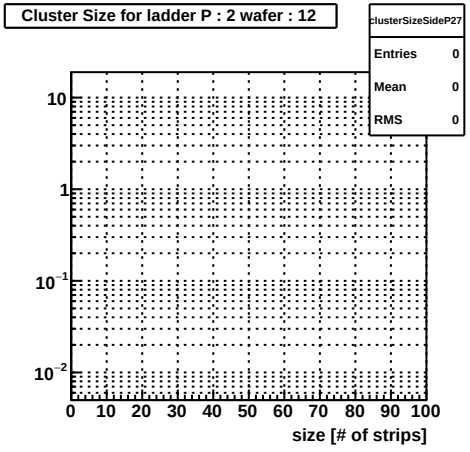

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

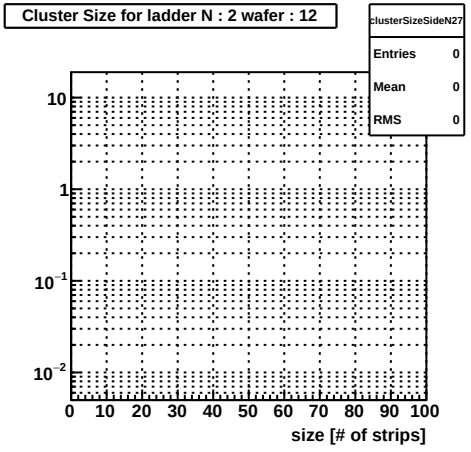

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

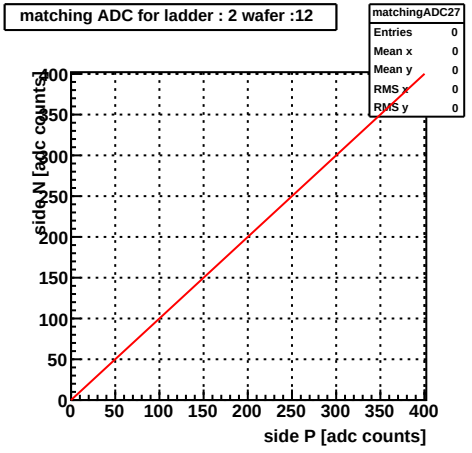

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

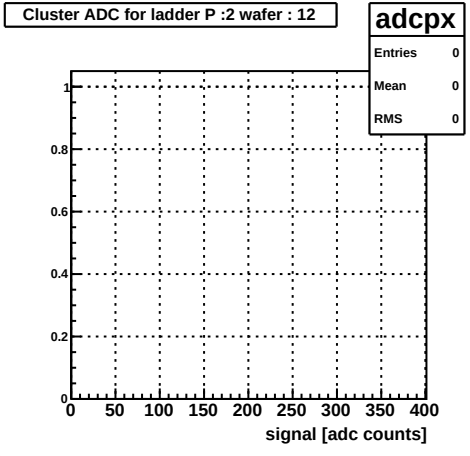

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

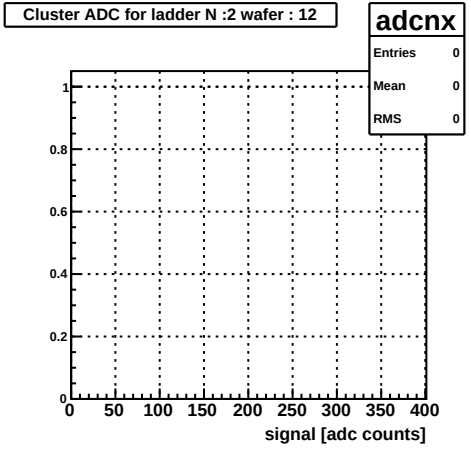

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

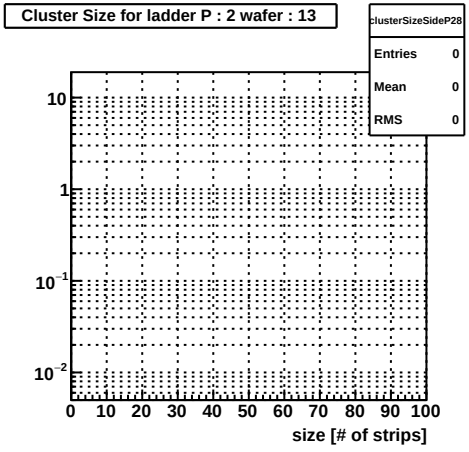

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

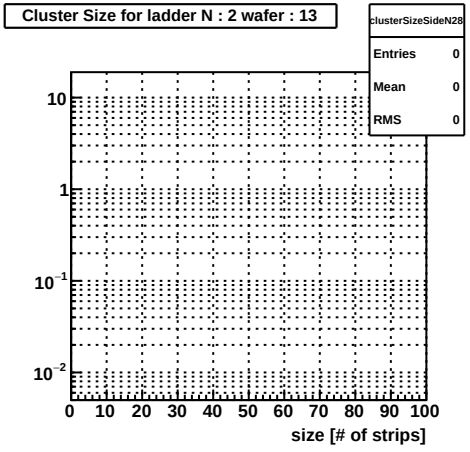

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

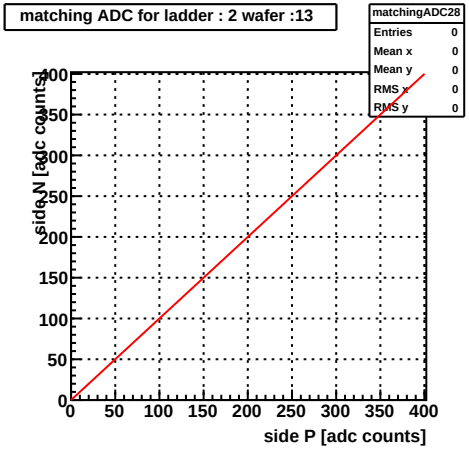

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

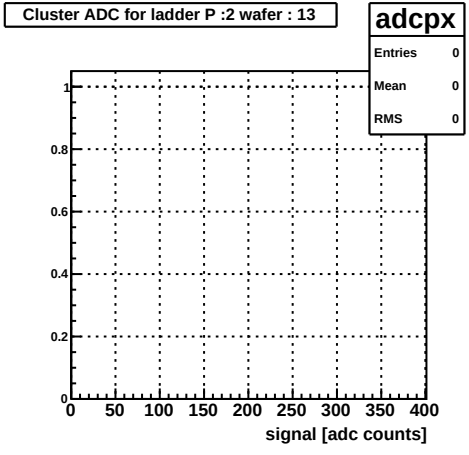

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

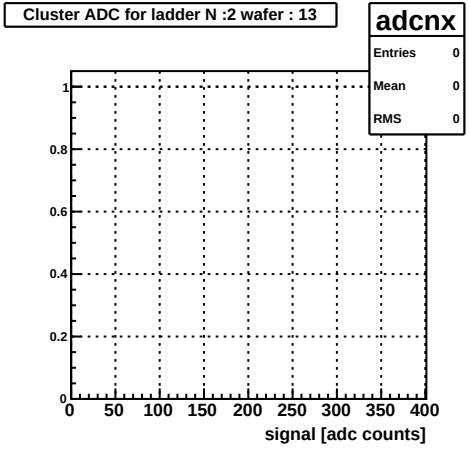

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

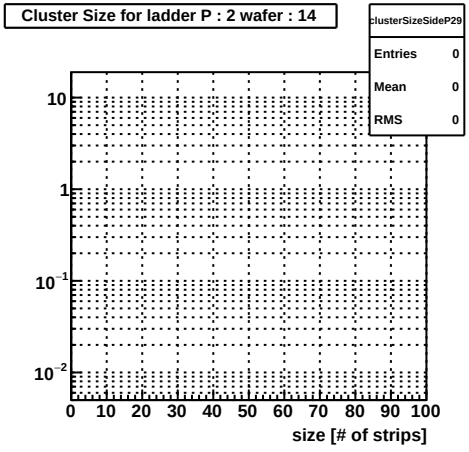

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

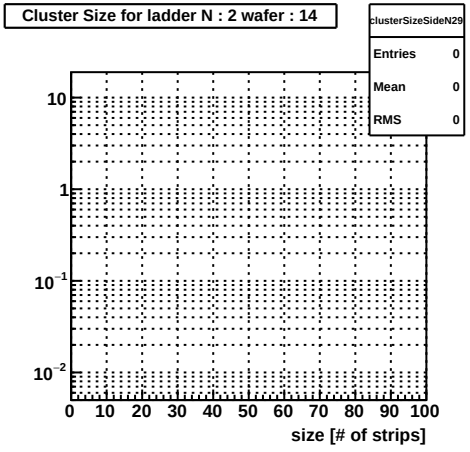

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

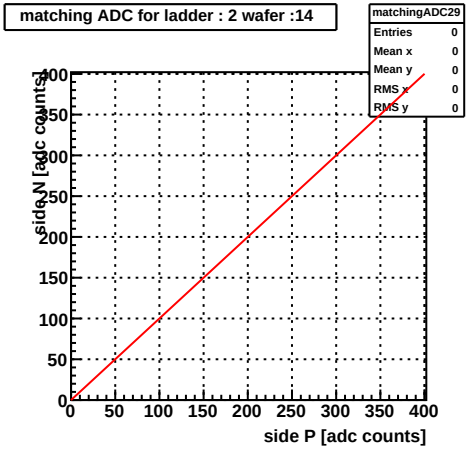

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

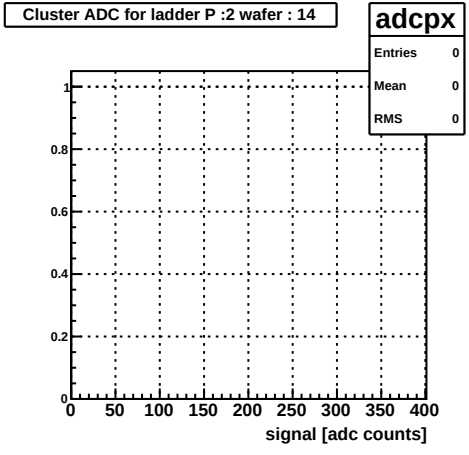

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

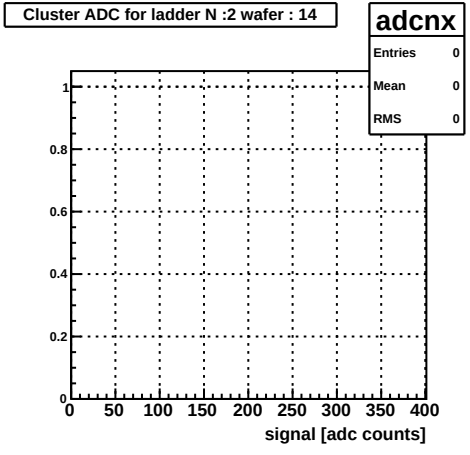

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

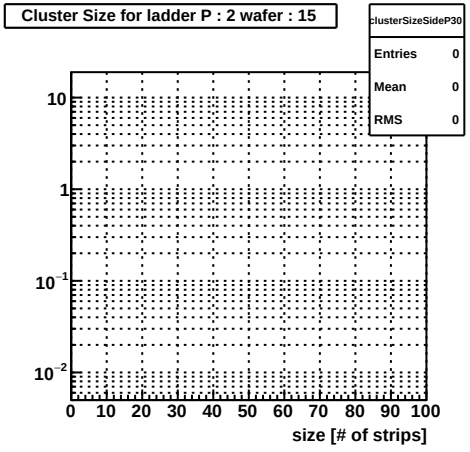

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

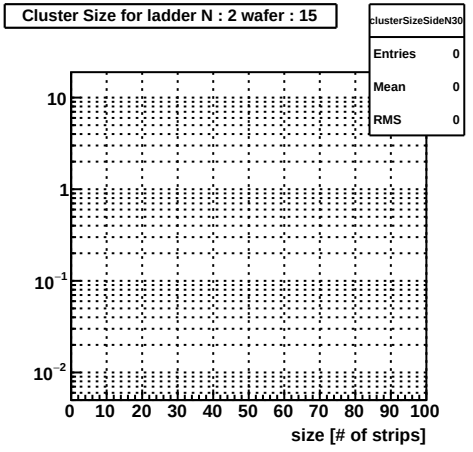

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

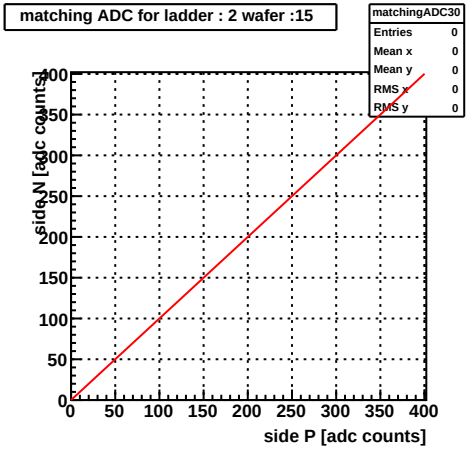

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

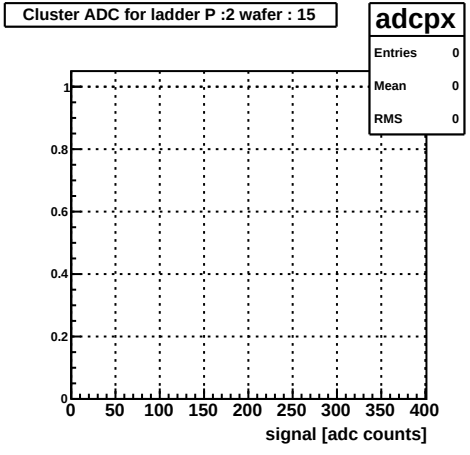

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

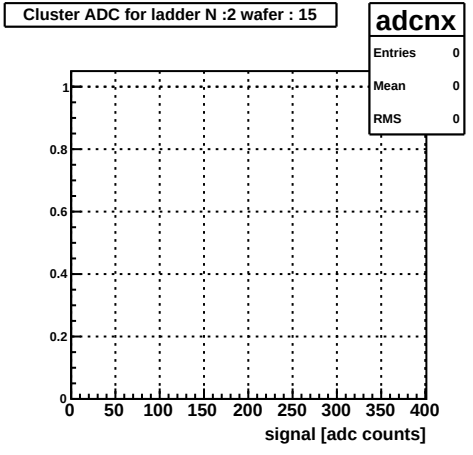

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

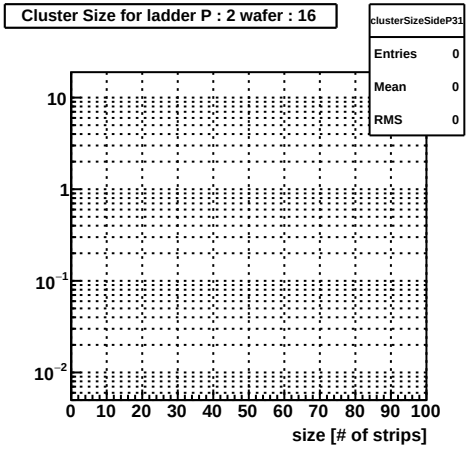

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

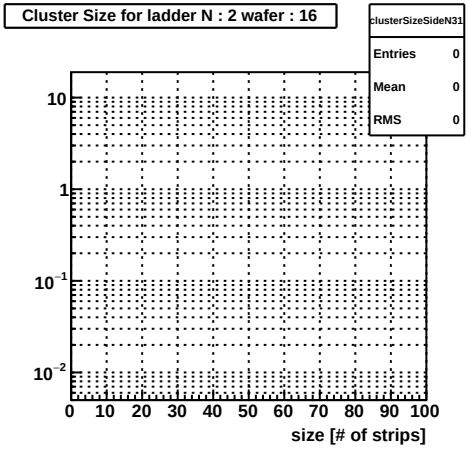

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

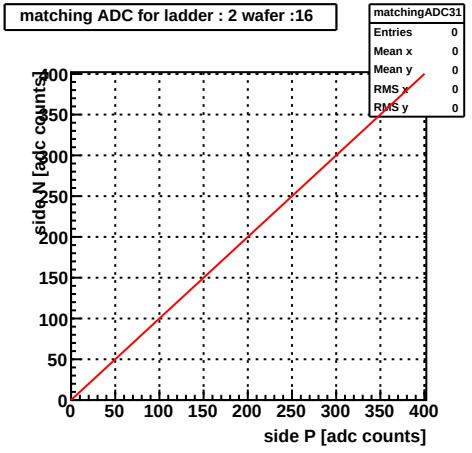

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

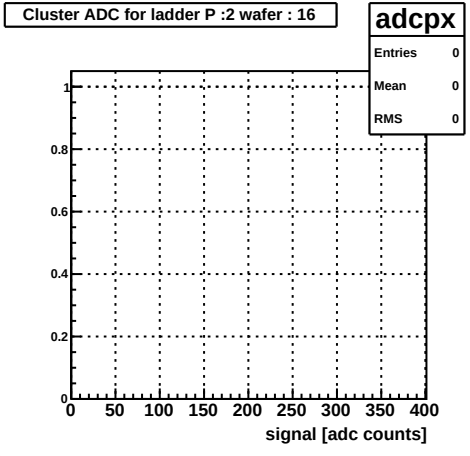

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

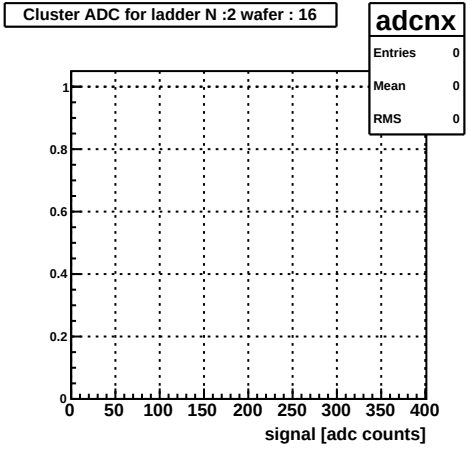

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

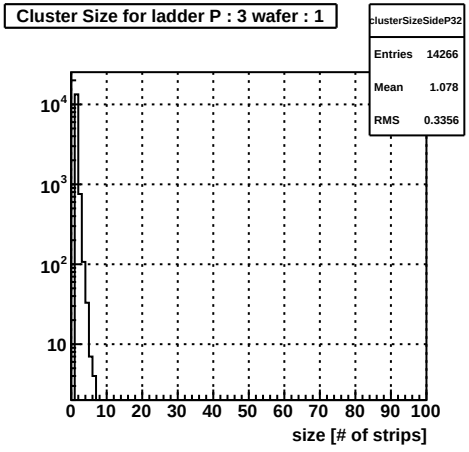

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

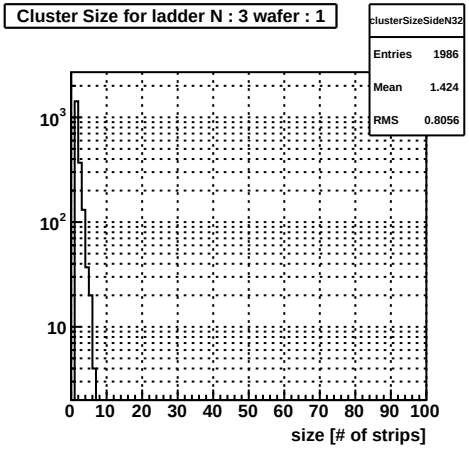

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

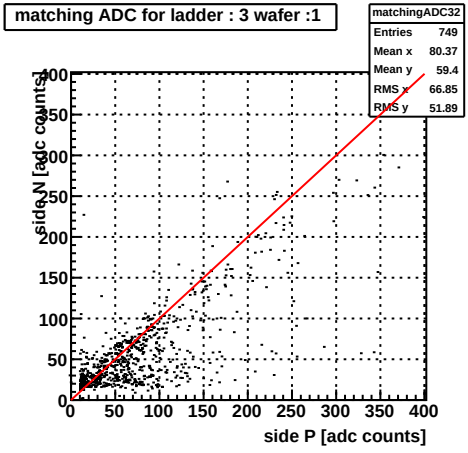

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

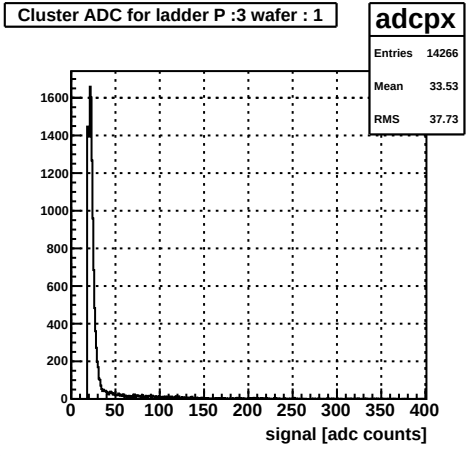

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

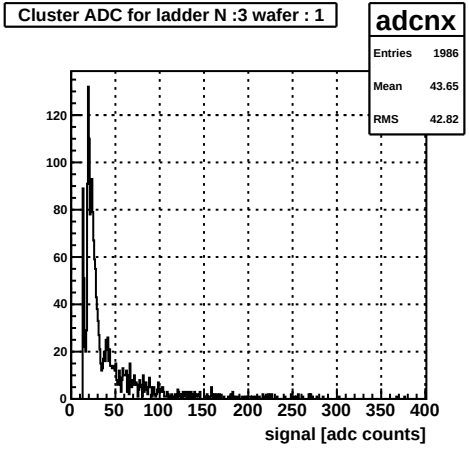

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

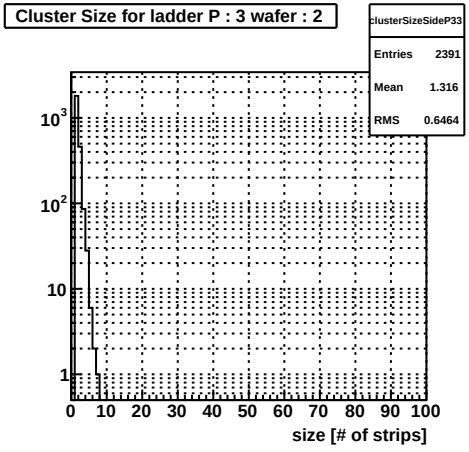

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14266
Mean 1.078
RMS 0.3356
size [# of strips]

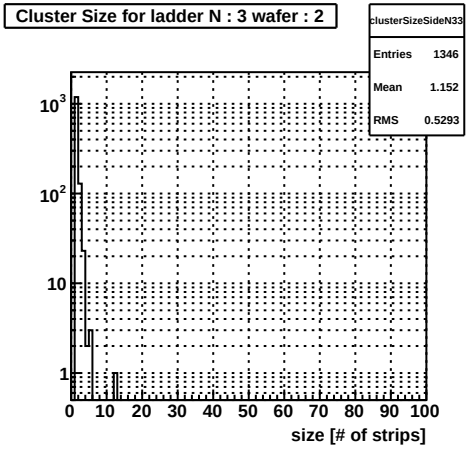

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1986
Mean 1.424
RMS 0.8056
size [# of strips]

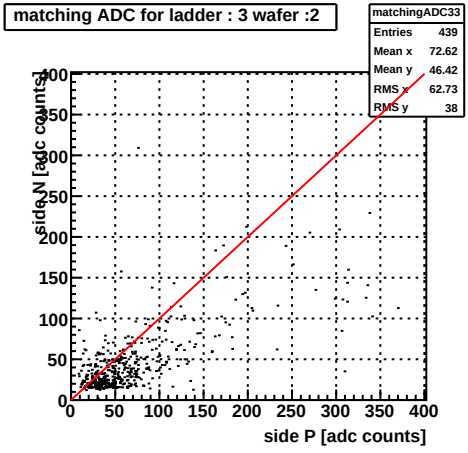

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 749
Mean x 80.37
Mean y 59.4
RMS x 66.85
RMS y 51.89
side N [adc counts]
side P [adc counts]

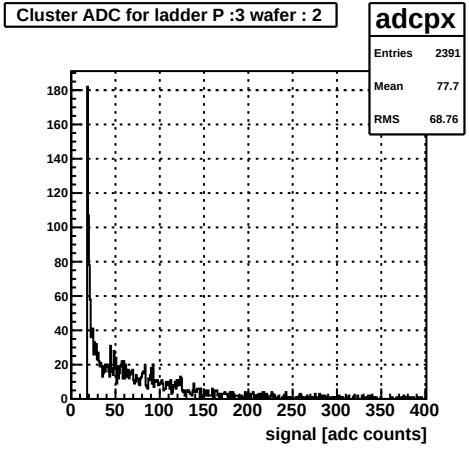

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14266
Mean 33.53
RMS 37.73
signal [adc counts]

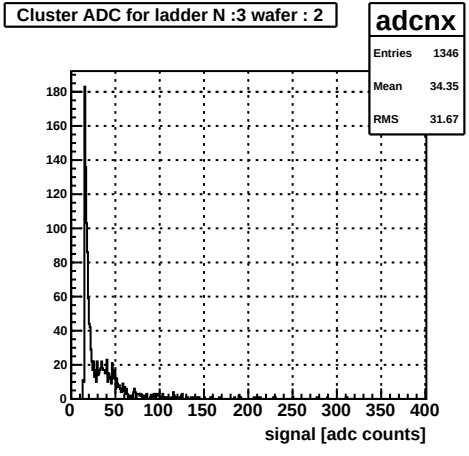

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1986
Mean 43.65
RMS 42.82
signal [adc counts]

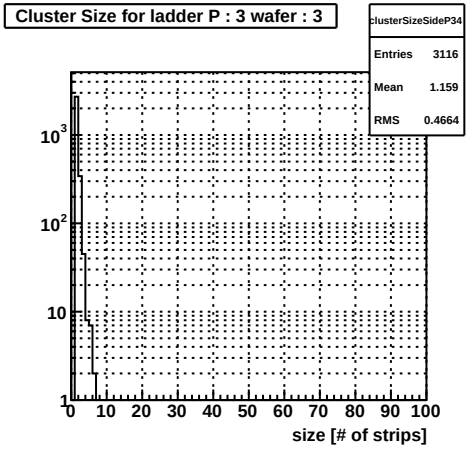

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2391
Mean 1.316
RMS 0.6464
size [# of strips]

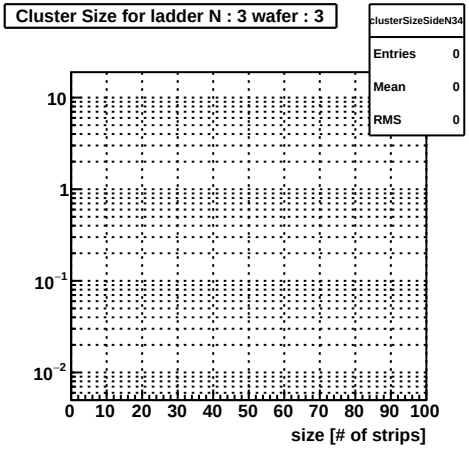

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1346
Mean 1.152
RMS 0.5293
size [# of strips]

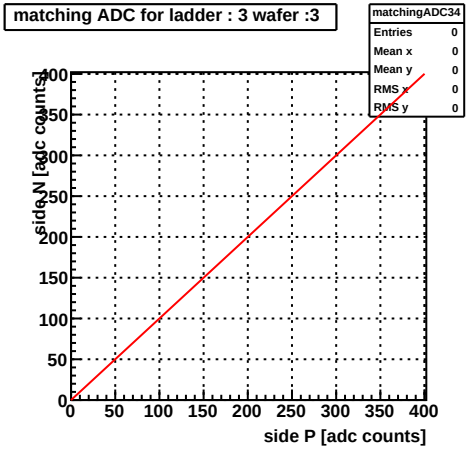

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 439
Mean x 72.62
Mean y 46.42
RMS x 62.73
RMS y 38
side N [adc counts]
side P [adc counts]

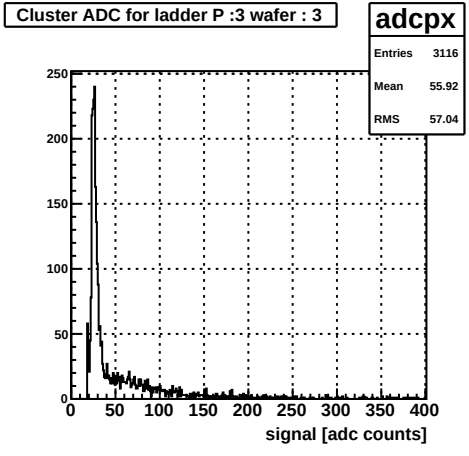

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2391
Mean 77.7
RMS 68.76
signal [adc counts]

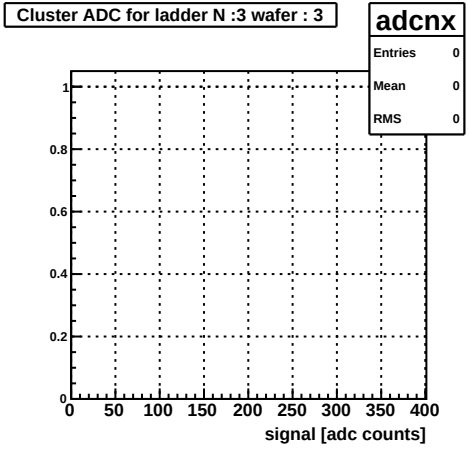

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1346
Mean 34.35
RMS 31.67
signal [adc counts]

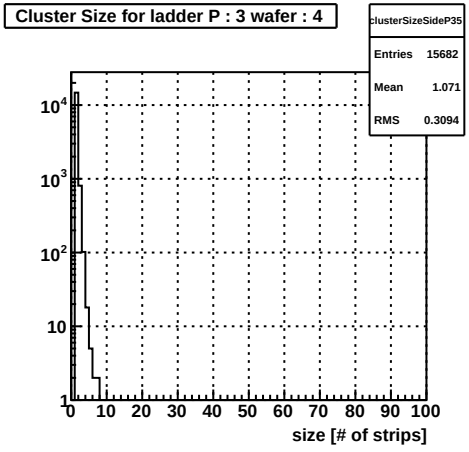

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3116
Mean 1.159
RMS 0.4664
size [# of strips]

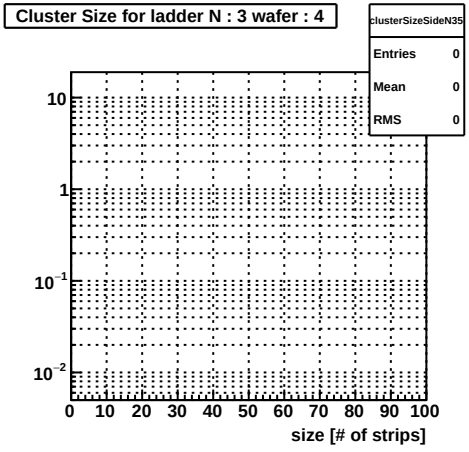

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

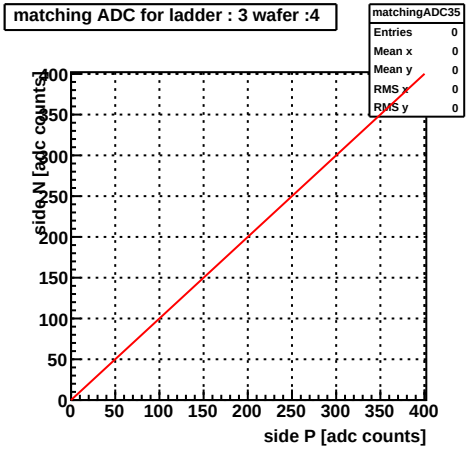

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

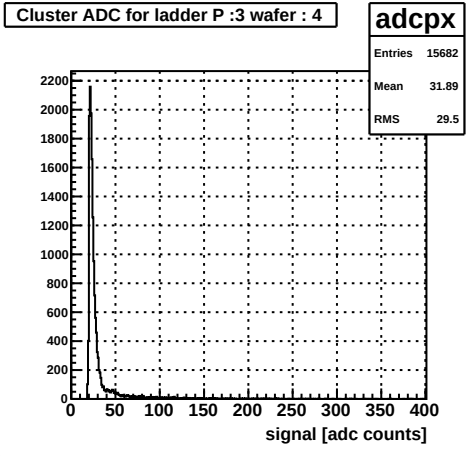

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3116
Mean 55.92
RMS 57.04
signal [adc counts]

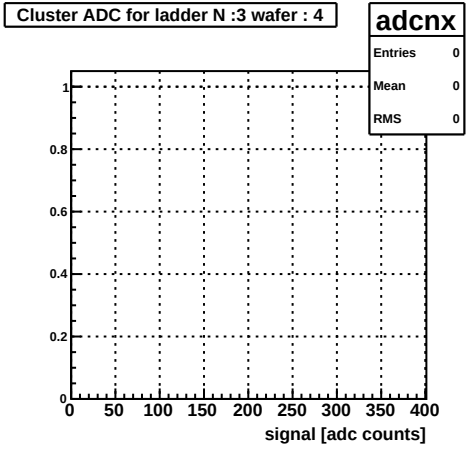

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

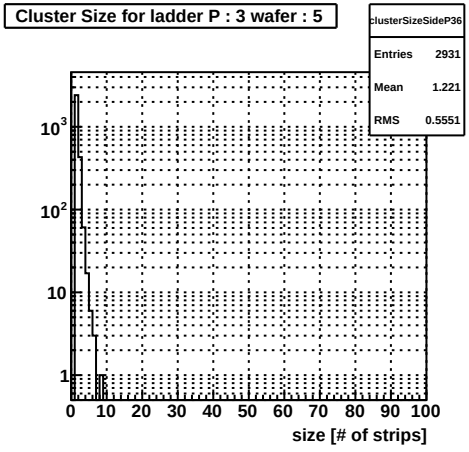

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15682
Mean 1.071
RMS 0.3094
size [# of strips]

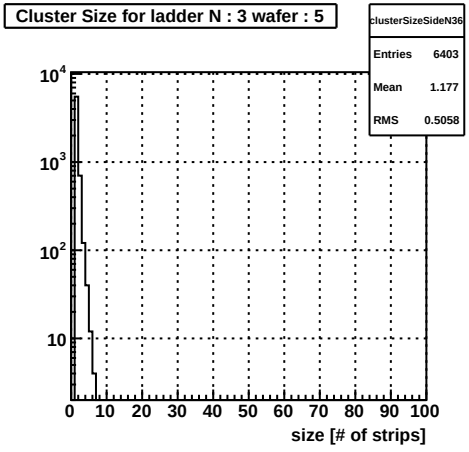

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

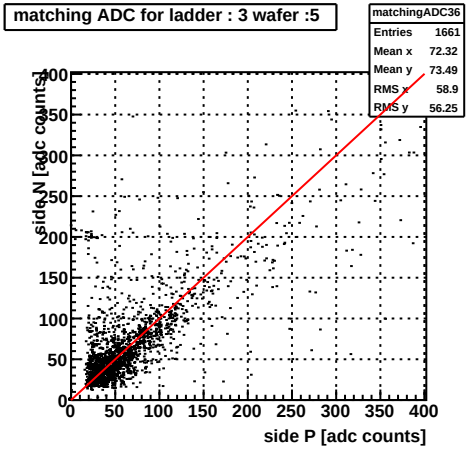

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

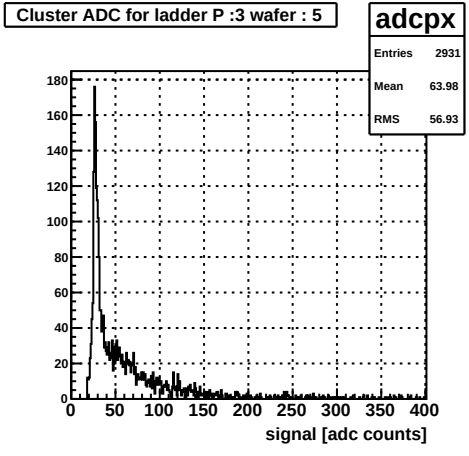

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15682
Mean 31.89
RMS 29.5
signal [adc counts]

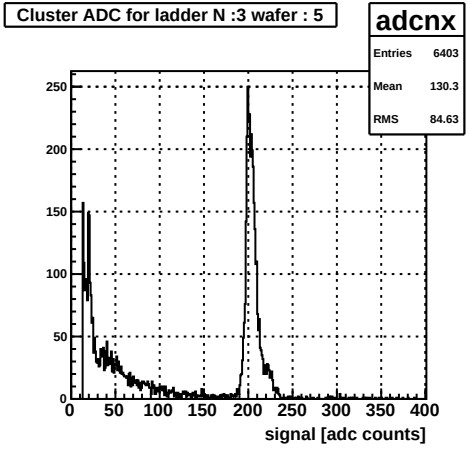

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

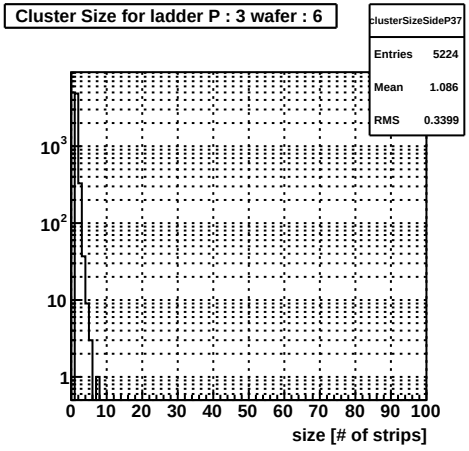

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2931
Mean 1.221
RMS 0.5551
size [# of strips]

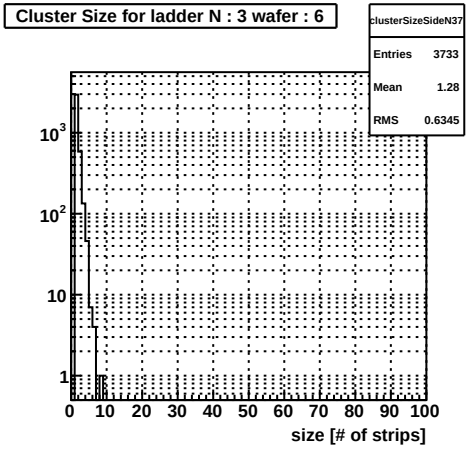

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6403
Mean 1.177
RMS 0.5058
size [# of strips]

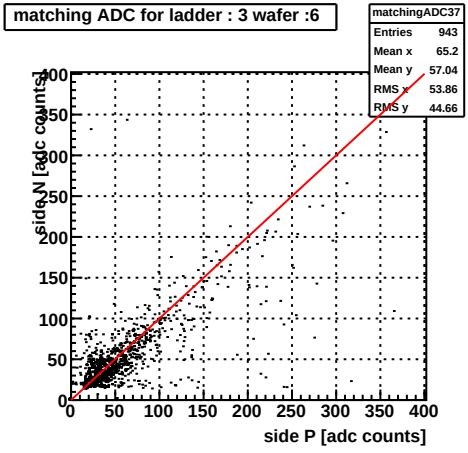

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1661
Mean x 72.32
Mean y 73.49
RMS x 58.9
RMS y 56.25
side N [adc counts]
side P [adc counts]

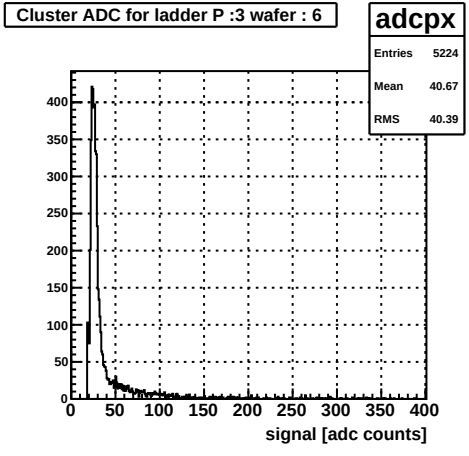

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2931
Mean 63.98
RMS 56.93
signal [adc counts]

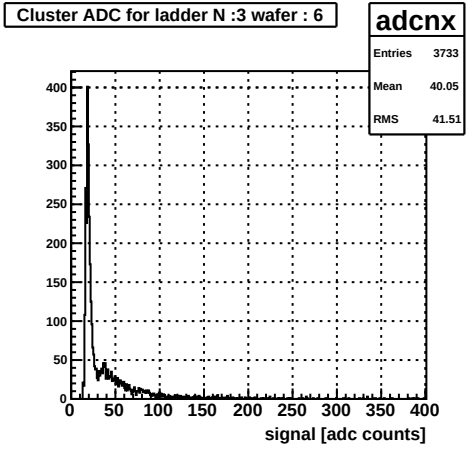

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6403
Mean 130.3
RMS 84.63
signal [adc counts]

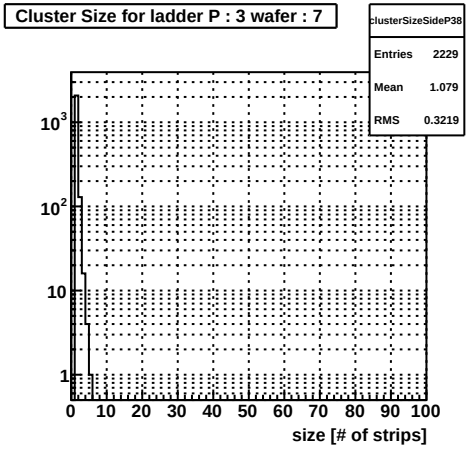

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5224
Mean 1.086
RMS 0.3399
size [# of strips]

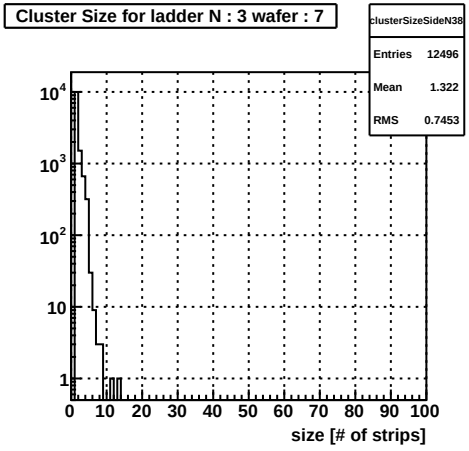

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 3733
Mean 1.28
RMS 0.6345
size [# of strips]

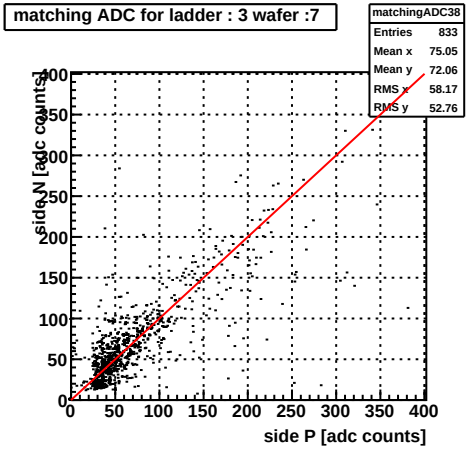

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 943
Mean x 65.2
Mean y 57.04
RMS x 53.86
RMS y 44.66
side N [adc counts]
side P [adc counts]

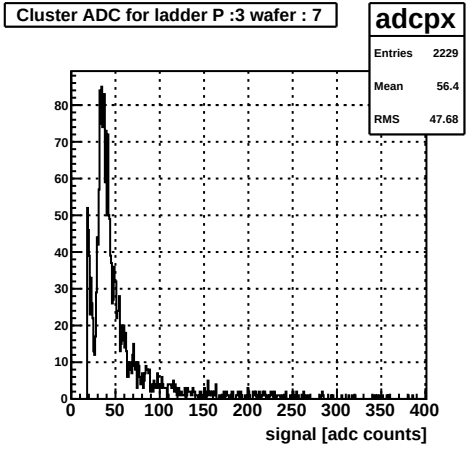

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5224
Mean 40.67
RMS 40.39
signal [adc counts]

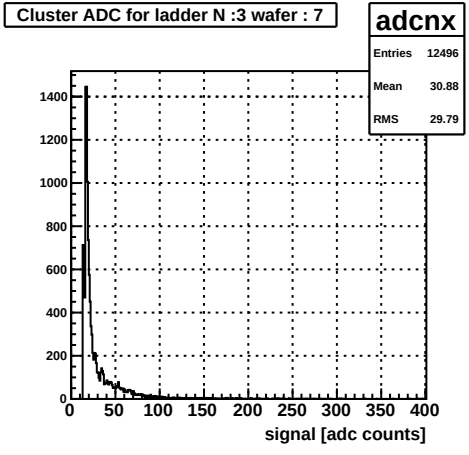

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 3733
Mean 40.05
RMS 41.51
signal [adc counts]

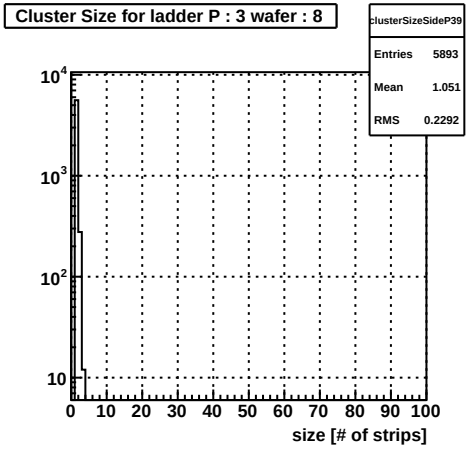

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2229
Mean 1.079
RMS 0.3219
size [# of strips]

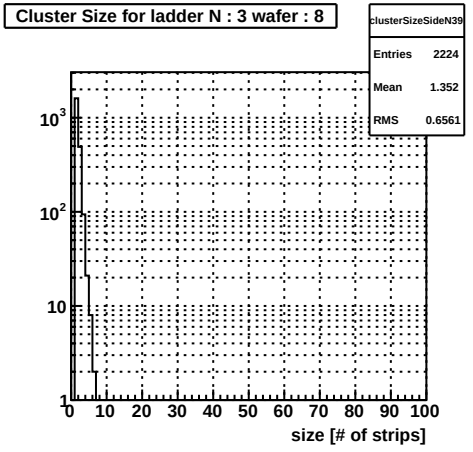

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 12496
Mean 1.322
RMS 0.7453
size [# of strips]

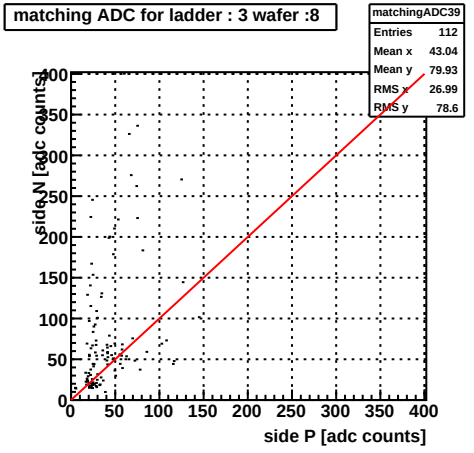

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 833
Mean x 75.05
Mean y 72.06
RMS x 58.17
RMS y 52.76
side N [adc counts]
side P [adc counts]

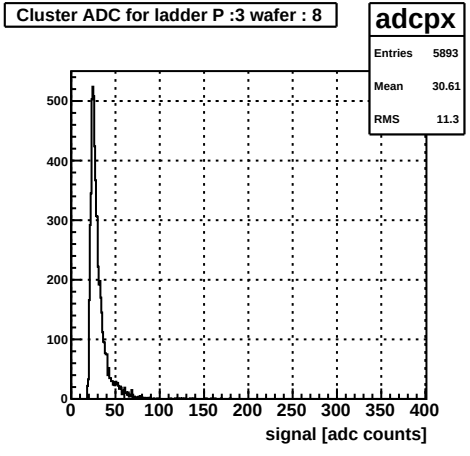

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2229
Mean 56.4
RMS 47.68
signal [adc counts]

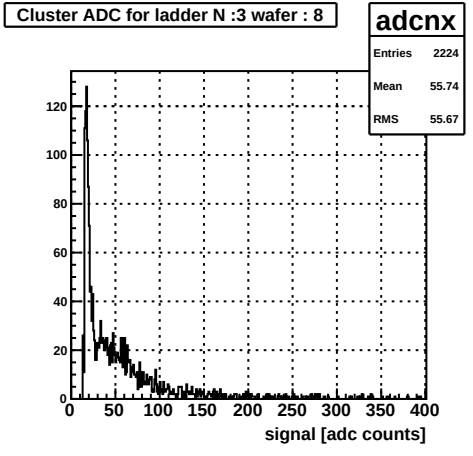

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 12496
Mean 30.88
RMS 29.79
signal [adc counts]

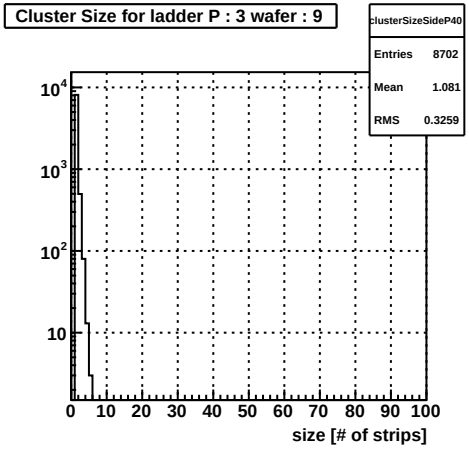

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5893
Mean 1.051
RMS 0.2292
size [# of strips]

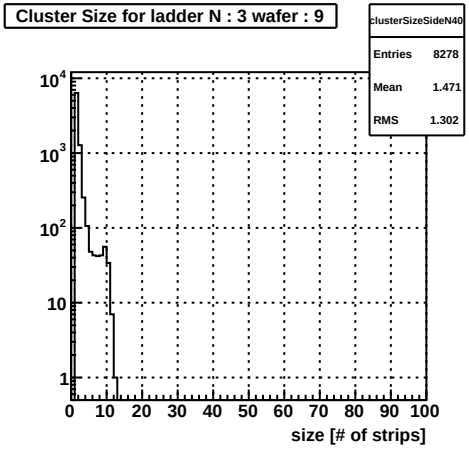

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2224
Mean 1.352
RMS 0.6561
size [# of strips]

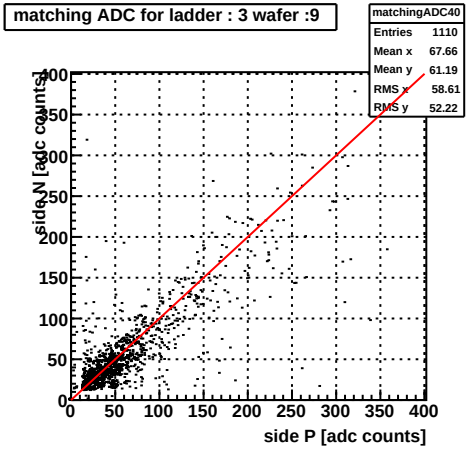

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 112
Mean x 43.04
Mean y 79.93
RMS x 26.99
RMS y 78.6
side N [adc counts]
side P [adc counts]

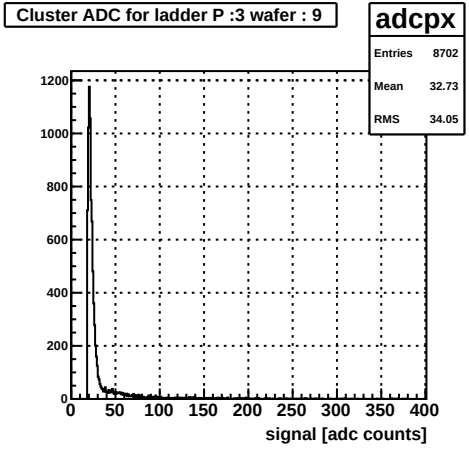

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5893
Mean 30.61
RMS 11.3
signal [adc counts]

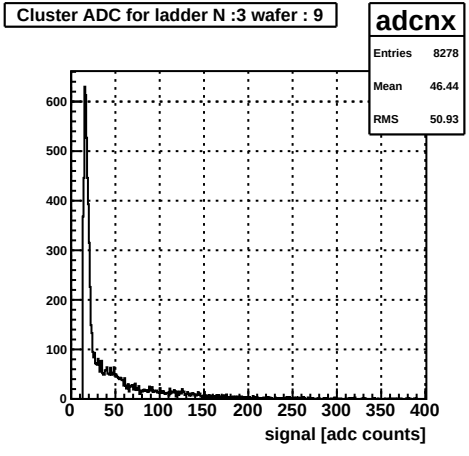

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2224
Mean 55.74
RMS 55.67
signal [adc counts]

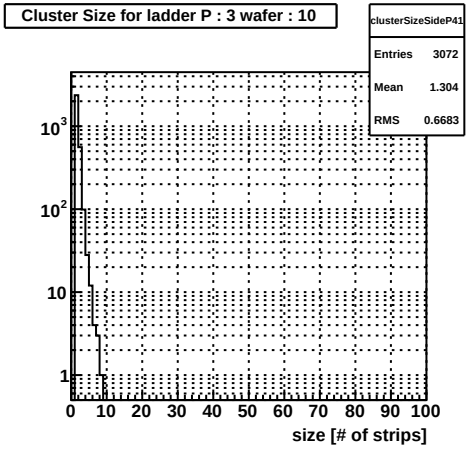

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8702
Mean 1.081
RMS 0.3259
size [# of strips]

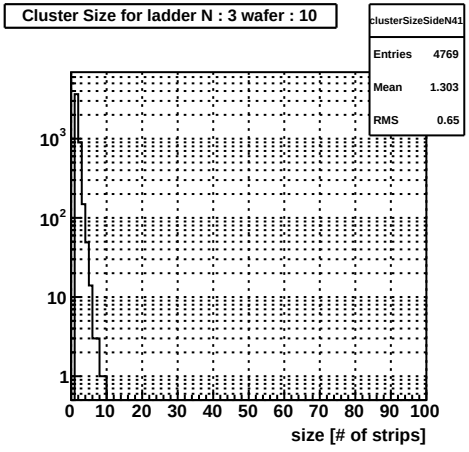

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8278
Mean 1.471
RMS 1.302
size [# of strips]

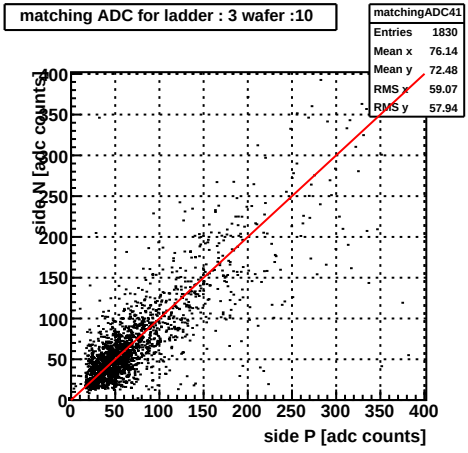

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1110
Mean x 67.66
Mean y 61.19
RMS x 58.61
RMS y 52.22
side N [adc counts]
side P [adc counts]

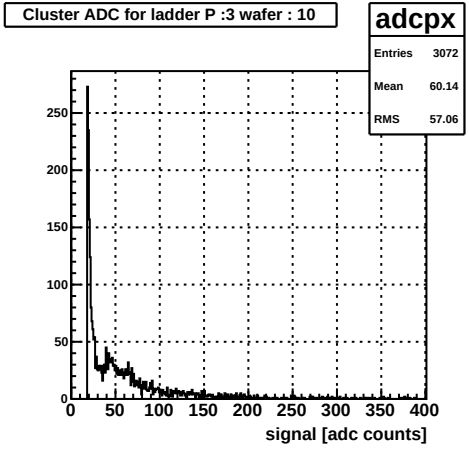

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8702
Mean 32.73
RMS 34.05
signal [adc counts]

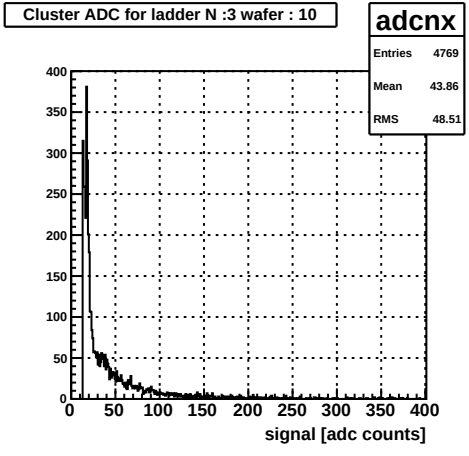

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8278
Mean 46.44
RMS 50.93
signal [adc counts]

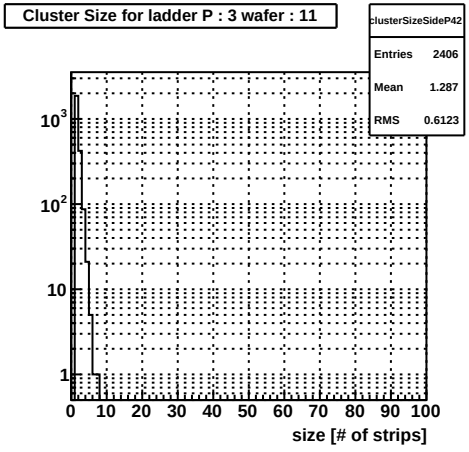

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3072
Mean 1.304
RMS 0.6683
size [# of strips]

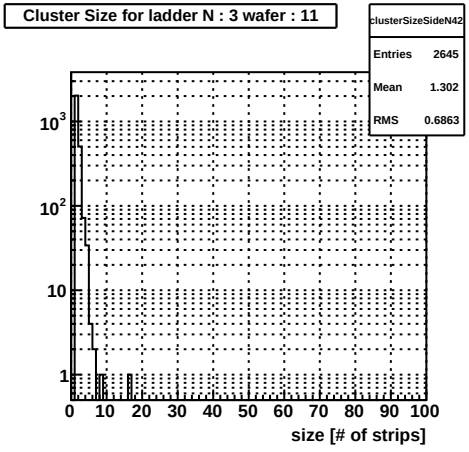

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 4769
Mean 1.303
RMS 0.65
size [# of strips]

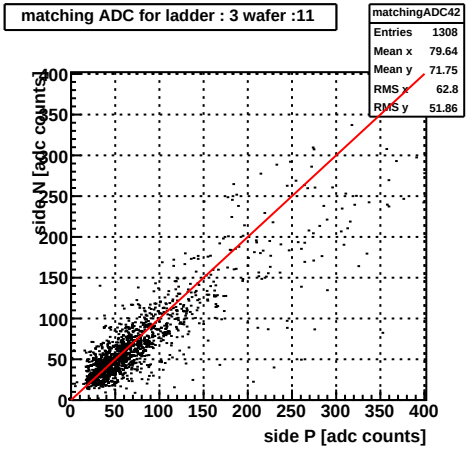

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1830
Mean x 76.14
Mean y 72.48
RMS x 59.07
RMS y 57.94
side N [adc counts]
side P [adc counts]

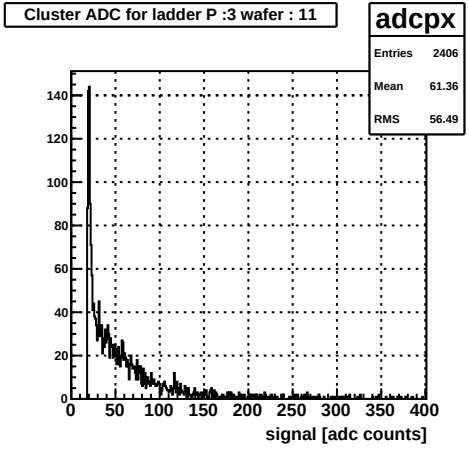

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3072
Mean 60.14
RMS 57.06
signal [adc counts]

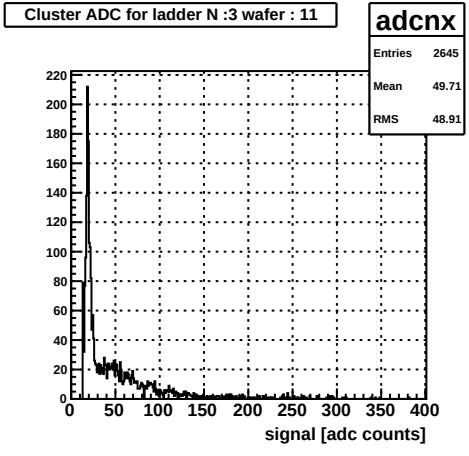

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 4769
Mean 43.86
RMS 48.51
signal [adc counts]

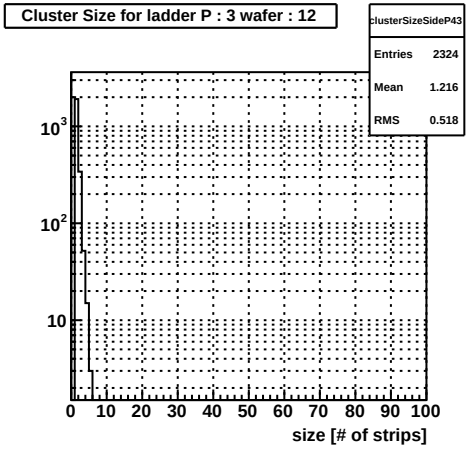

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2406
Mean 1.287
RMS 0.6123
size [# of strips]

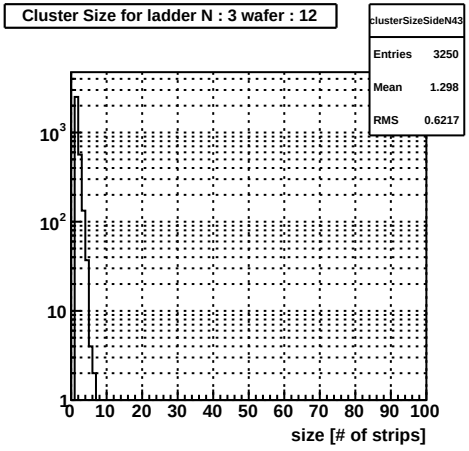

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2645
Mean 1.302
RMS 0.6863
size [# of strips]

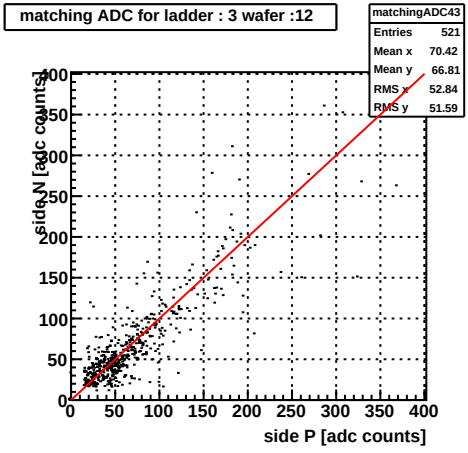

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1308
Mean x 79.64
Mean y 71.75
RMS x 62.8
RMS y 51.86
side N [adc counts]
side P [adc counts]

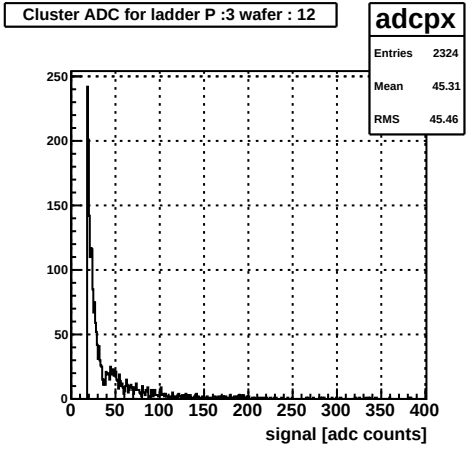

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2406
Mean 61.36
RMS 56.49
signal [adc counts]

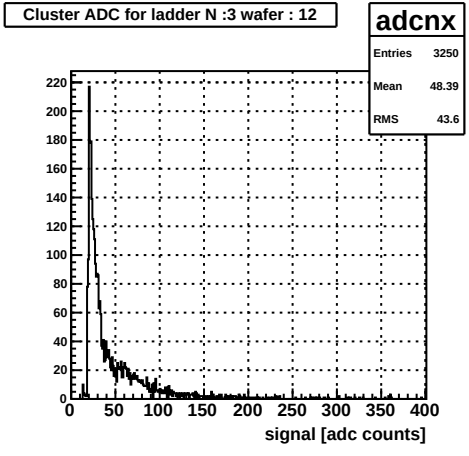

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2645
Mean 49.71
RMS 48.91
signal [adc counts]

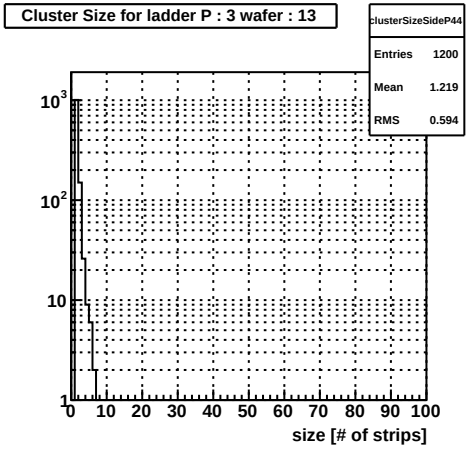

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 2324
Mean 1.216
RMS 0.518
size [# of strips]

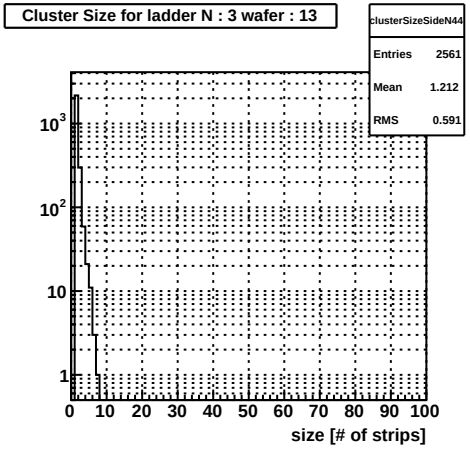

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3250
Mean 1.298
RMS 0.6217
size [# of strips]

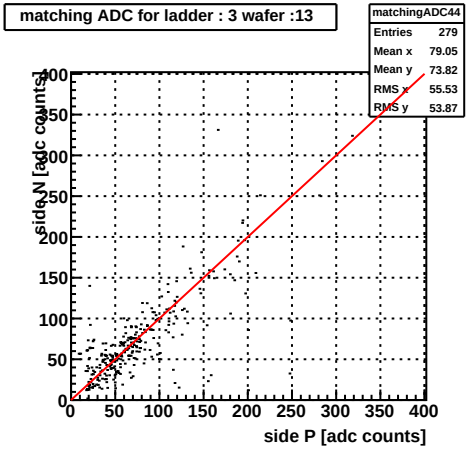

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 521
Mean x 70.42
Mean y 66.81
RMS x 52.84
RMS y 51.59
side N [adc counts]
side P [adc counts]

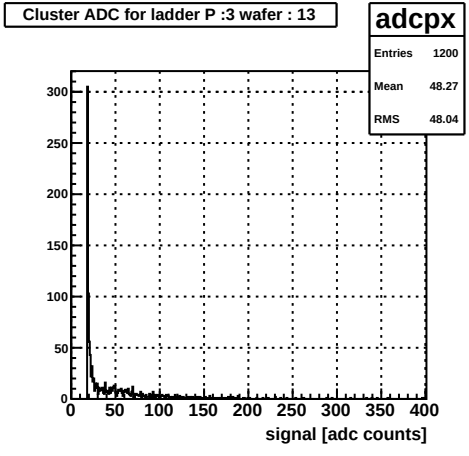

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 2324
Mean 45.31
RMS 45.46
signal [adc counts]

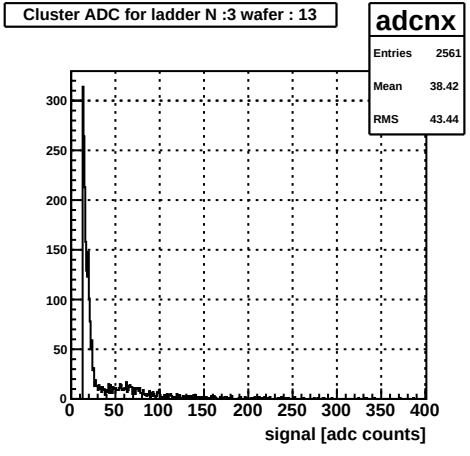

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3250
Mean 48.39
RMS 43.6
signal [adc counts]

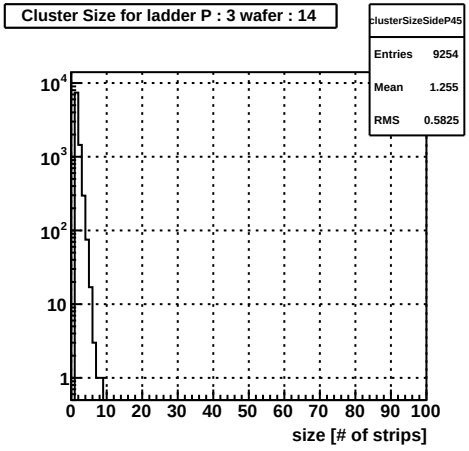

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1200
Mean 1.219
RMS 0.594
size [# of strips]

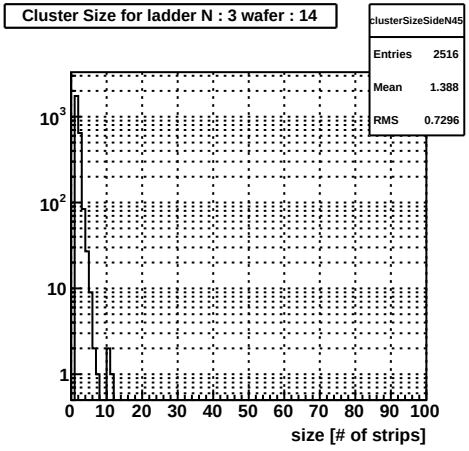

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2561
Mean 1.212
RMS 0.591
size [# of strips]

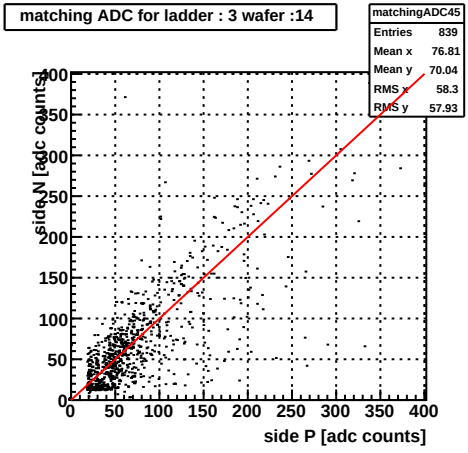

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 279
Mean x 79.05
Mean y 73.82
RMS x 55.53
RMS y 53.87
side N [adc counts]
side P [adc counts]

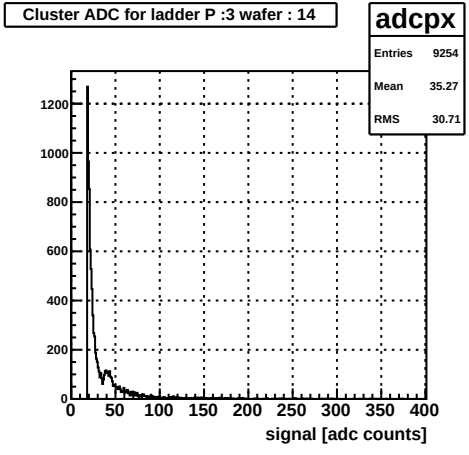

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1200
Mean 48.27
RMS 48.04
signal [adc counts]

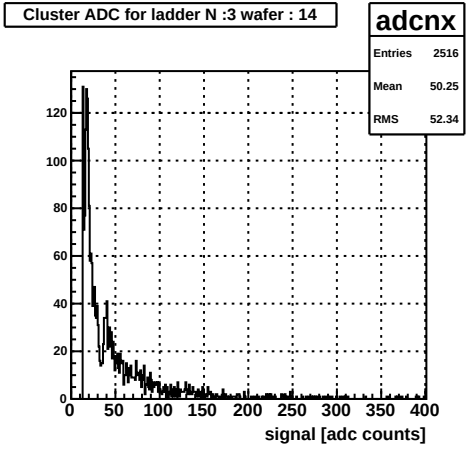

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2561
Mean 38.42
RMS 43.44
signal [adc counts]

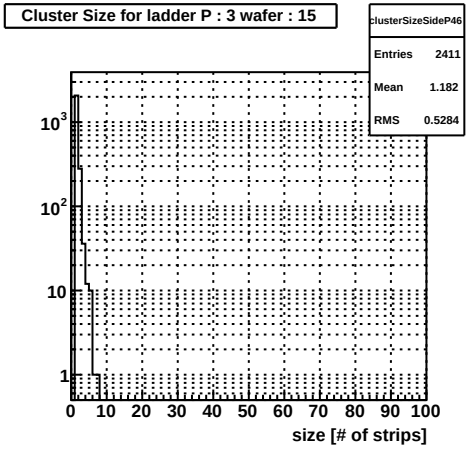

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 9254
Mean 1.255
RMS 0.5825
size [# of strips]

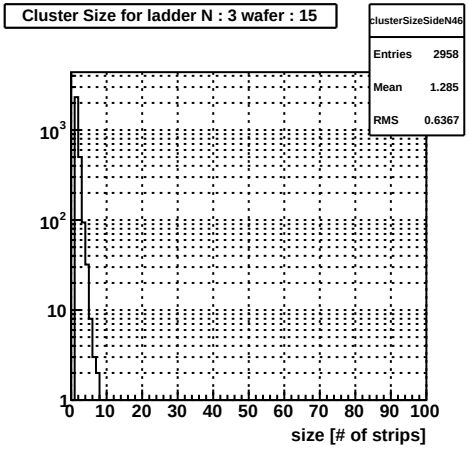

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2516
Mean 1.388
RMS 0.7296
size [# of strips]

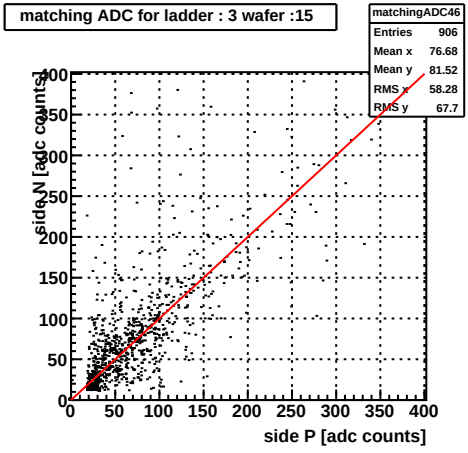

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 839
Mean x 76.81
Mean y 70.04
RMS x 58.3
RMS y 57.93
side N [adc counts]
side P [adc counts]

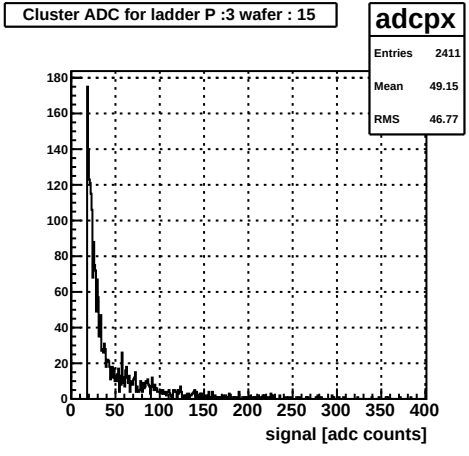

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 9254
Mean 35.27
RMS 30.71
signal [adc counts]

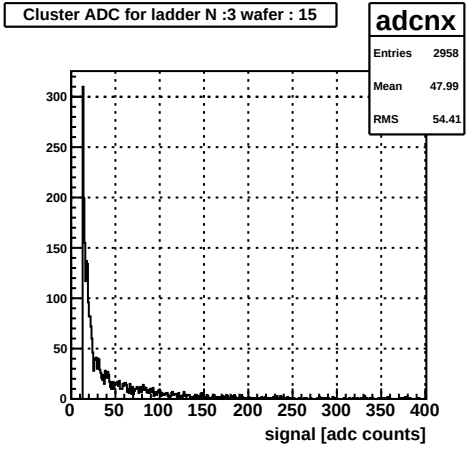

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2516
Mean 50.25
RMS 52.34
signal [adc counts]

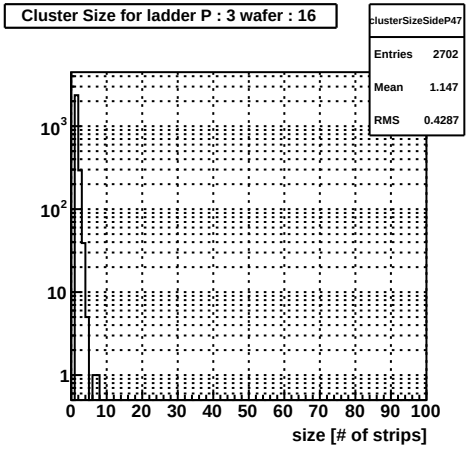

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 2411
Mean 1.182
RMS 0.5284
size [# of strips]

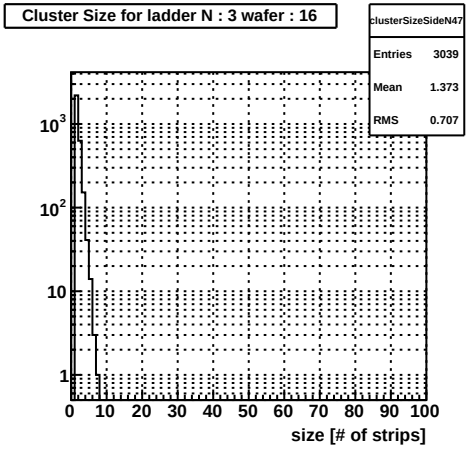

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2958
Mean 1.285
RMS 0.6367
size [# of strips]

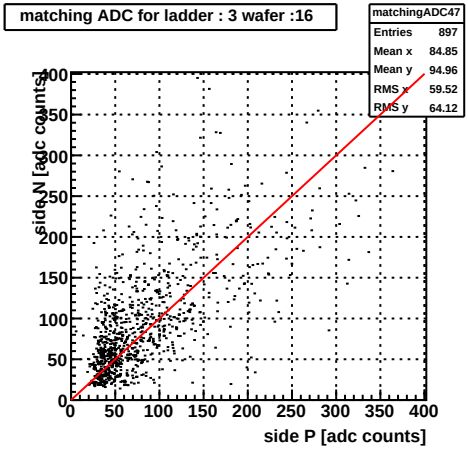

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 906
Mean x 76.68
Mean y 81.52
RMS x 58.28
RMS y 67.7
side N [adc counts]
side P [adc counts]

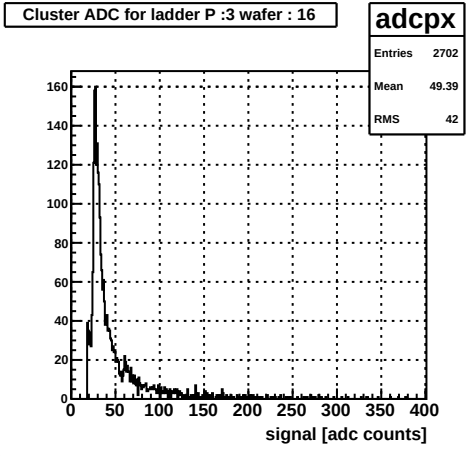

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 2411
Mean 49.15
RMS 46.77
signal [adc counts]

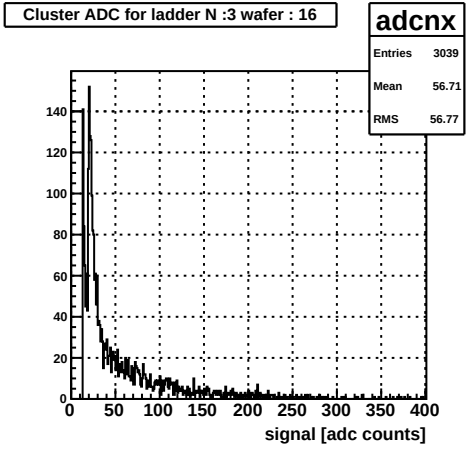

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2958
Mean 47.99
RMS 54.41
signal [adc counts]

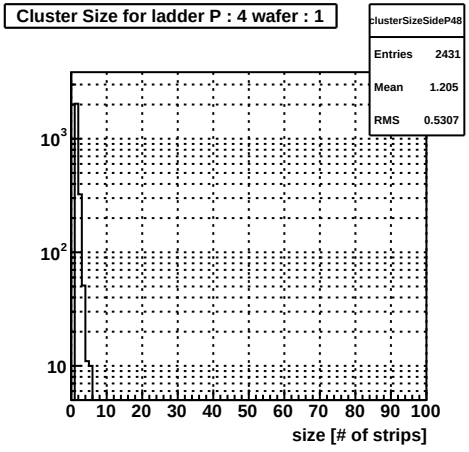

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2702
Mean 1.147
RMS 0.4287
size [# of strips]

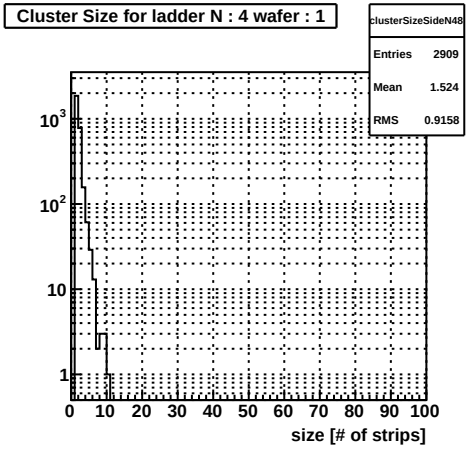

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3039
Mean 1.373
RMS 0.707
size [# of strips]

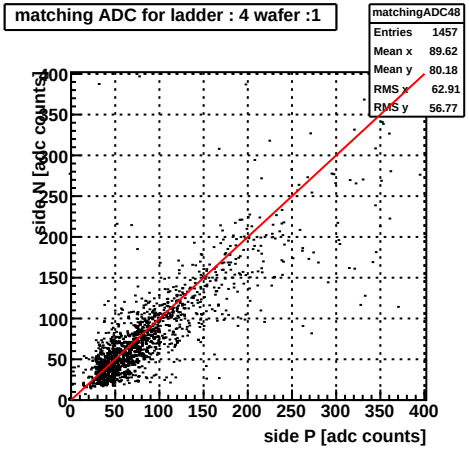

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 897
Mean x 84.85
Mean y 94.96
RMS x 59.52
RMS y 64.12
side N [adc counts]
side P [adc counts]

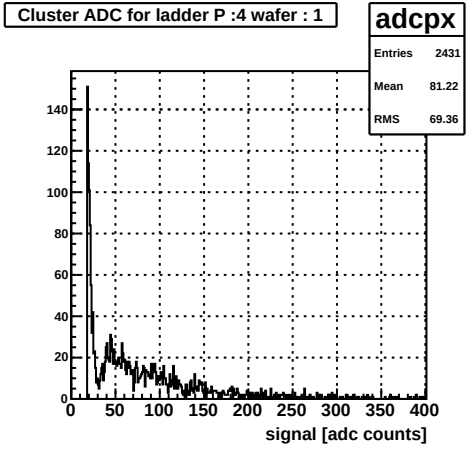

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2702
Mean 49.39
RMS 42
signal [adc counts]

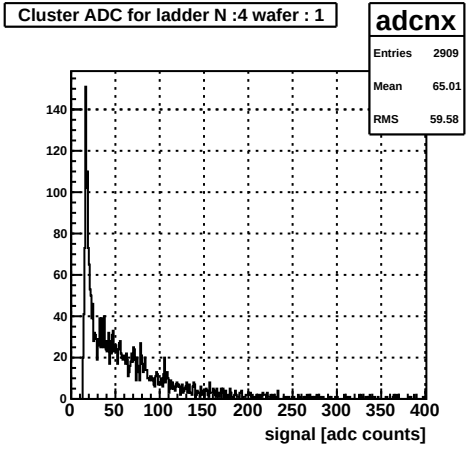

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3039
Mean 56.71
RMS 56.77
signal [adc counts]

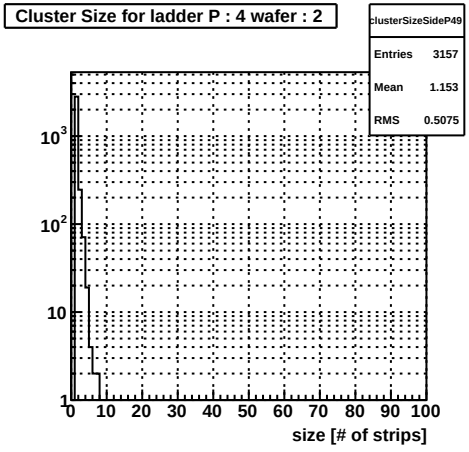

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2431
Mean 1.205
RMS 0.5307
size [# of strips]

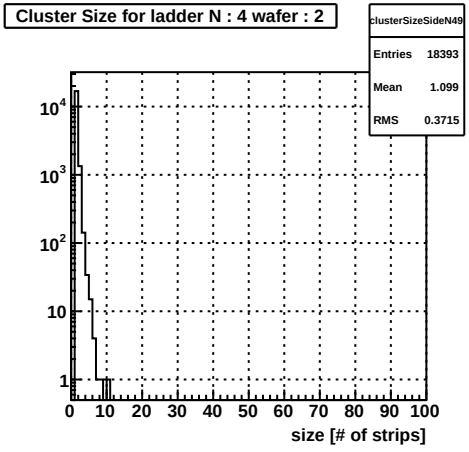

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2909
Mean 1.524
RMS 0.9158
size [# of strips]

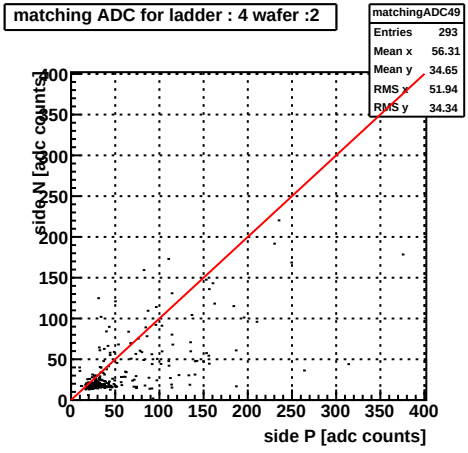

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1457
Mean x 89.62
Mean y 80.18
RMS x 62.91
RMS y 56.77
side N [adc counts]
side P [adc counts]

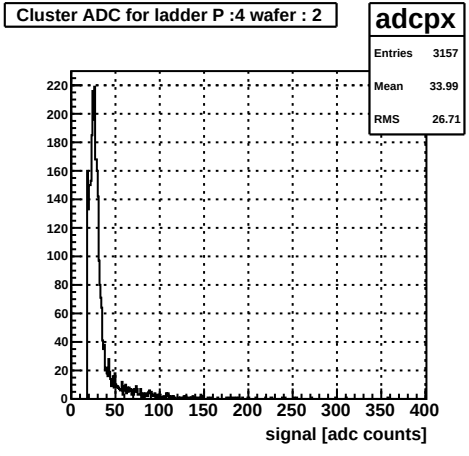

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2431
Mean 81.22
RMS 69.36
signal [adc counts]

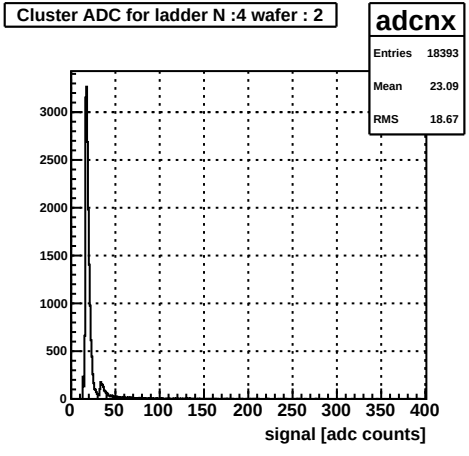

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2909
Mean 65.01
RMS 59.58
signal [adc counts]

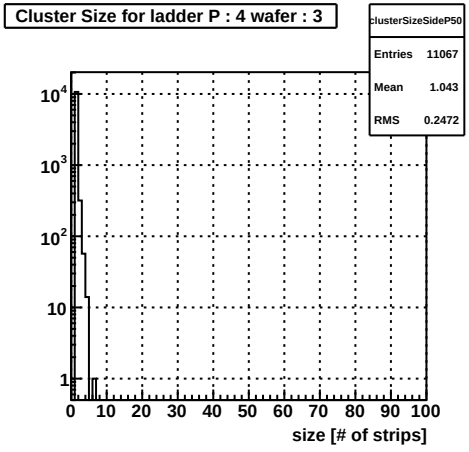

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 3157
Mean 1.153
RMS 0.5075
size [# of strips]

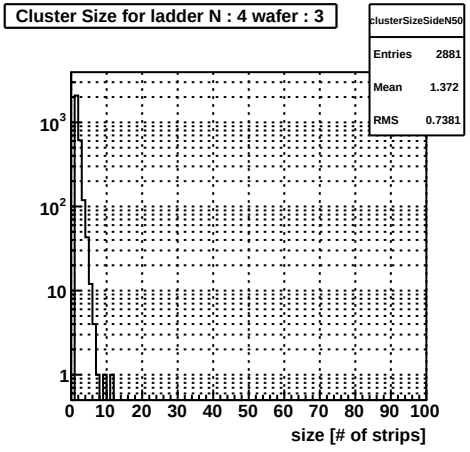

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 18393
Mean 1.099
RMS 0.3715
size [# of strips]

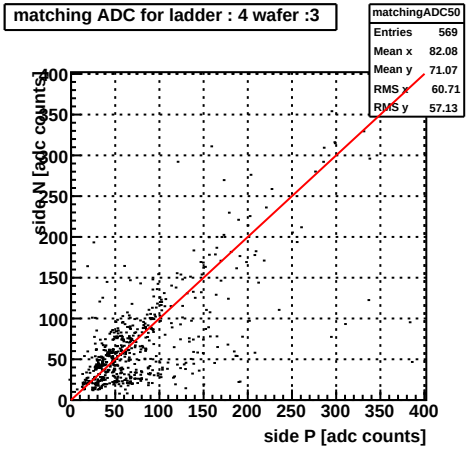

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 293
Mean x 56.31
Mean y 34.65
RMS x 51.94
RMS y 34.34
side N [adc counts]
side P [adc counts]

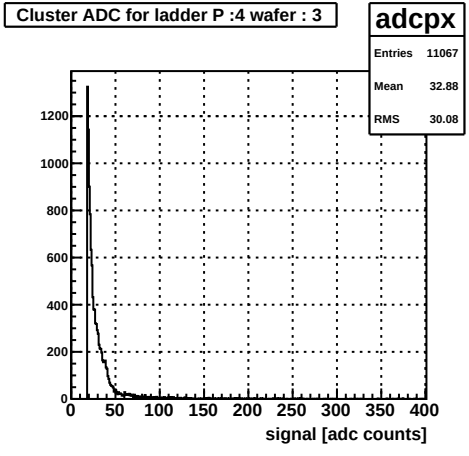

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 3157
Mean 33.99
RMS 26.71
signal [adc counts]

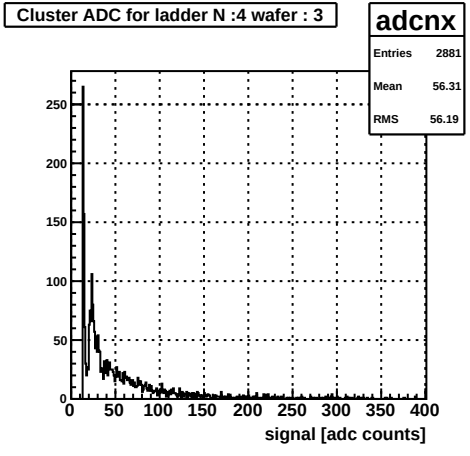

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 18393
Mean 23.09
RMS 18.67
signal [adc counts]

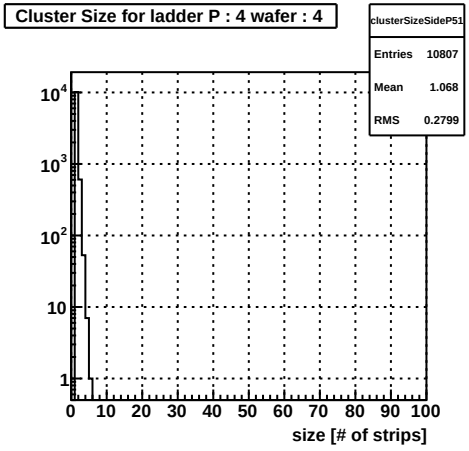

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 11067
Mean 1.043
RMS 0.2472
size [# of strips]

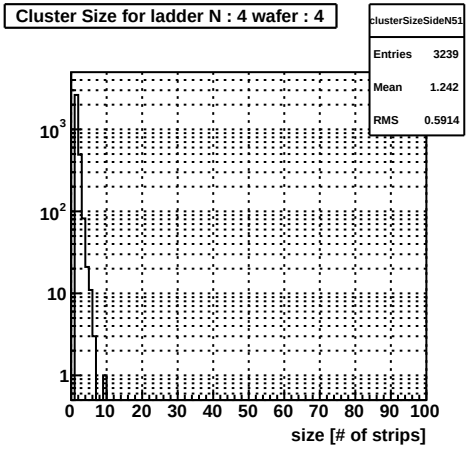

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2881
Mean 1.372
RMS 0.7381
size [# of strips]

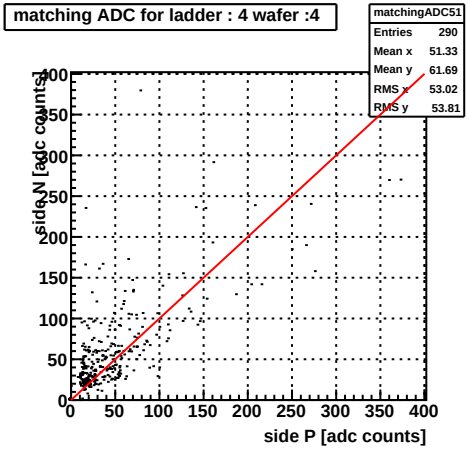

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 569
Mean x 82.08
Mean y 71.07
RMS x 60.71
RMS y 57.13
side N [adc counts]
side P [adc counts]

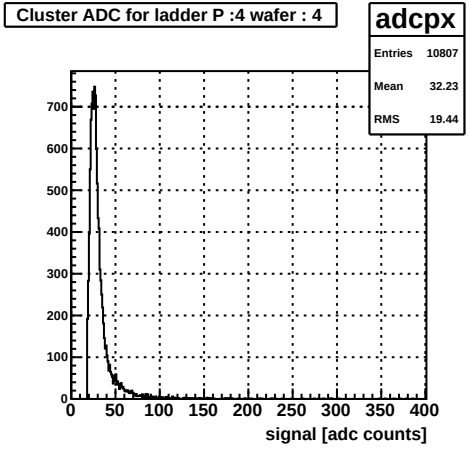

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 11067
Mean 32.88
RMS 30.08
signal [adc counts]

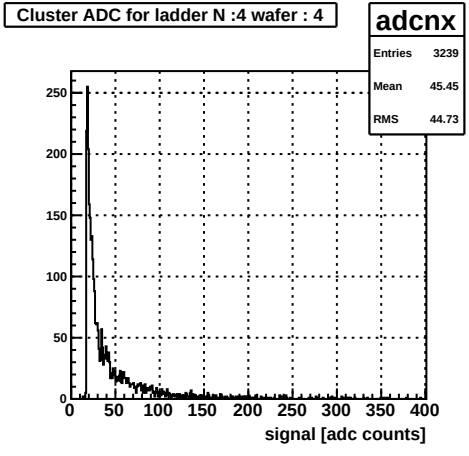

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2881
Mean 56.31
RMS 56.19
signal [adc counts]

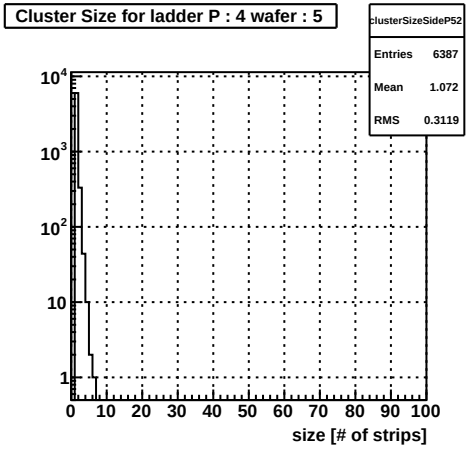

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 10807
Mean 1.068
RMS 0.2799
size [# of strips]

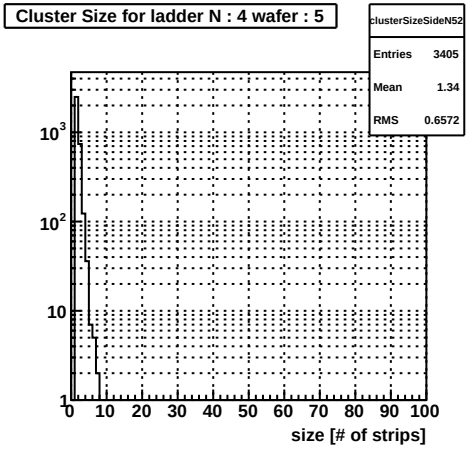

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3239
Mean 1.242
RMS 0.5914
size [# of strips]

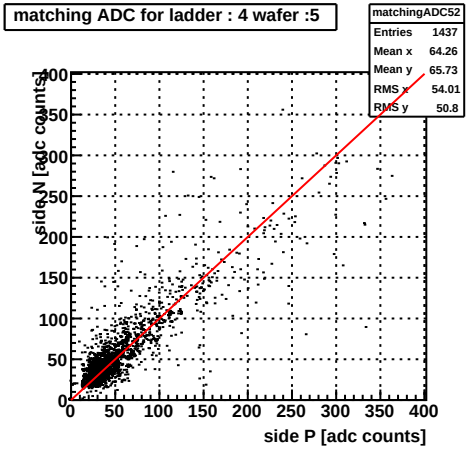

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 290
Mean x 51.33
Mean y 61.69
RMS x 53.02
RMS y 53.81
side N [adc counts]
side P [adc counts]

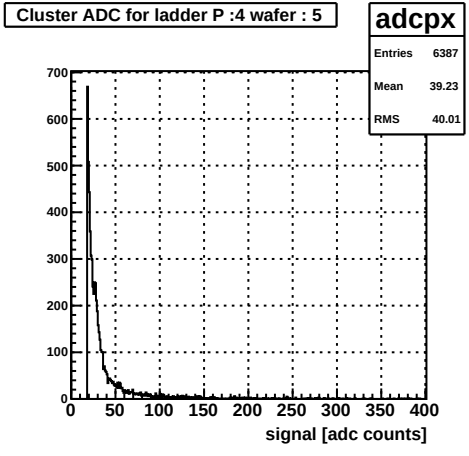

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 10807
Mean 32.23
RMS 19.44
signal [adc counts]

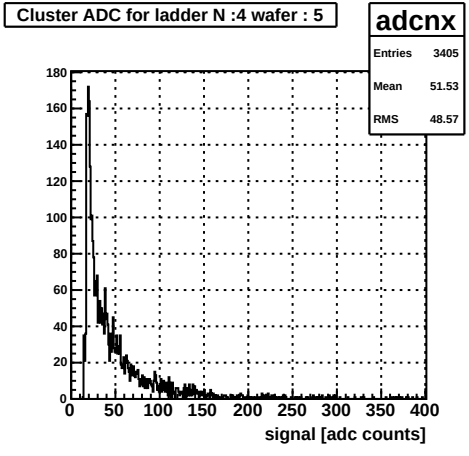

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3239
Mean 45.45
RMS 44.73
signal [adc counts]

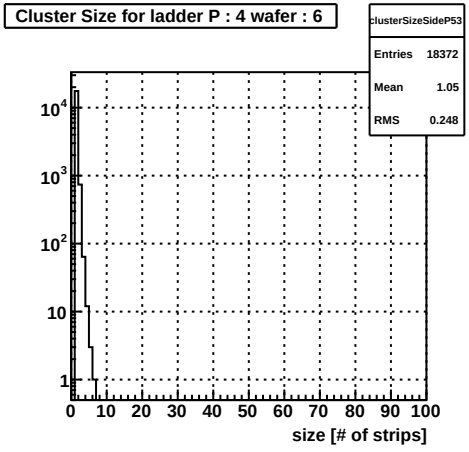

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6387
Mean 1.072
RMS 0.3119
size [# of strips]

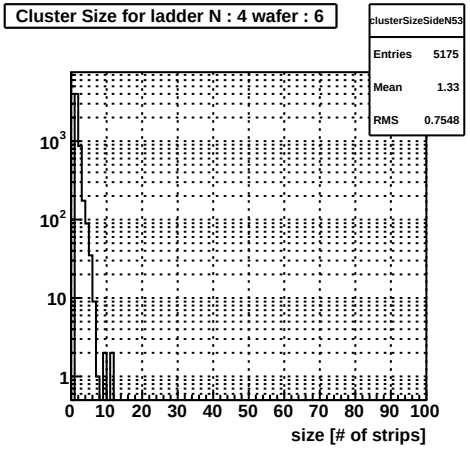

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3405
Mean 1.34
RMS 0.6572
size [# of strips]

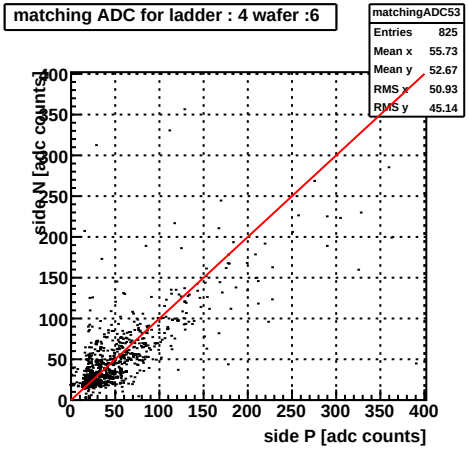

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1437
Mean x 64.26
Mean y 65.73
RMS x 54.01
RMS y 50.8
side N [adc counts]
side P [adc counts]

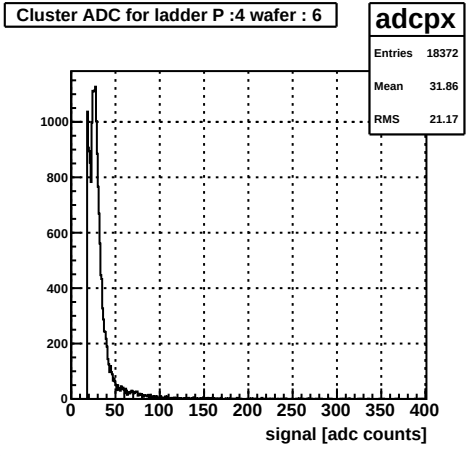

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6387
Mean 39.23
RMS 40.01
signal [adc counts]

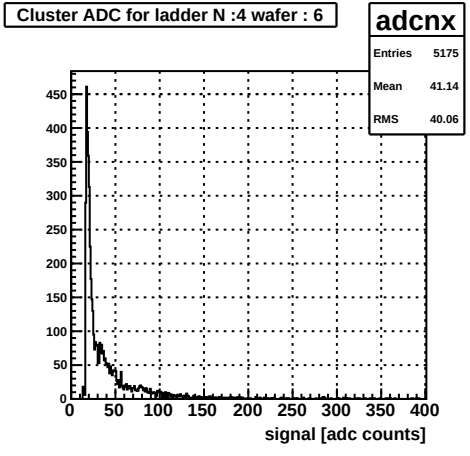

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3405
Mean 51.53
RMS 48.57
signal [adc counts]

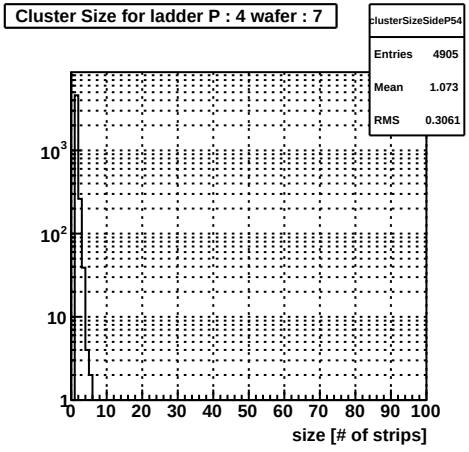

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 18372
Mean 1.05
RMS 0.248
size [# of strips]

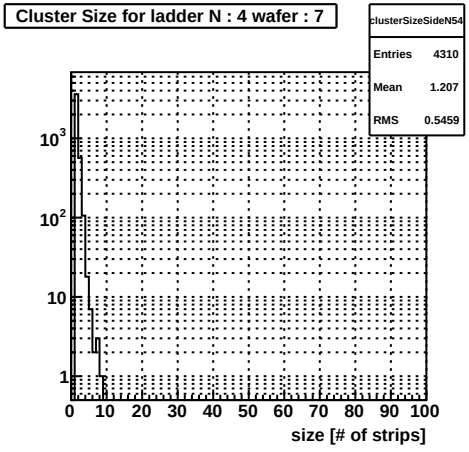

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 5175
Mean 1.33
RMS 0.7548
size [# of strips]

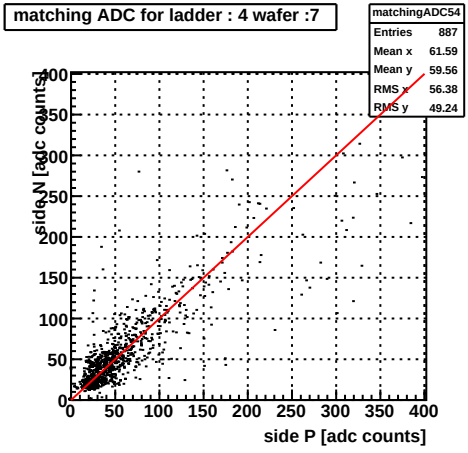

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 825
Mean x 55.73
Mean y 52.67
RMS x 50.93
RMS y 45.14
side N [adc counts]
side P [adc counts]

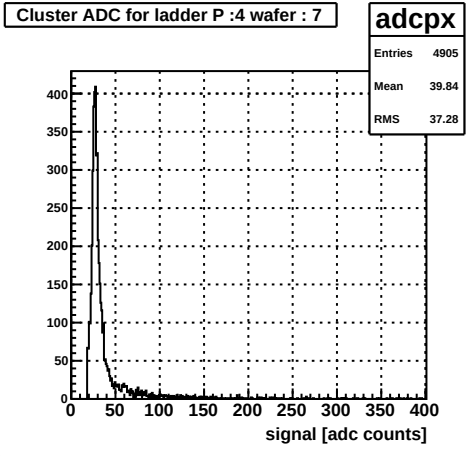

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 18372
Mean 31.86
RMS 21.17
signal [adc counts]

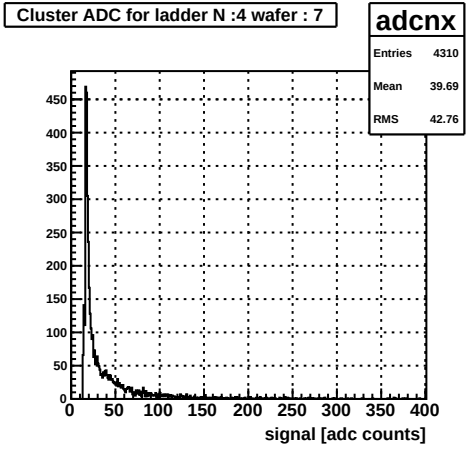

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 5175
Mean 41.14
RMS 40.06
signal [adc counts]

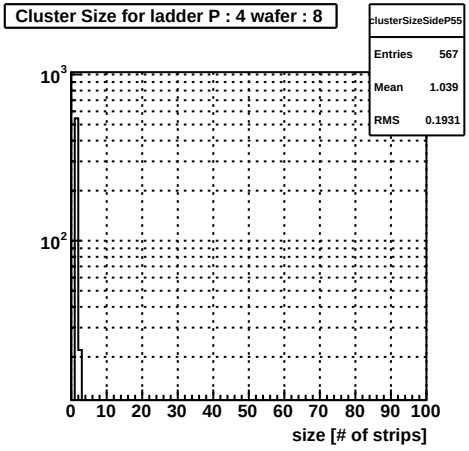

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4905
Mean 1.073
RMS 0.3061
size [# of strips]

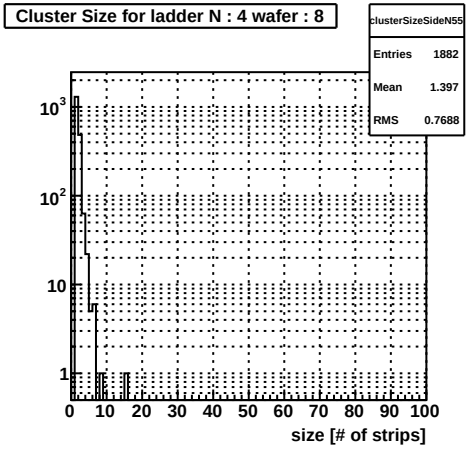

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4310
Mean 1.207
RMS 0.5459
size [# of strips]

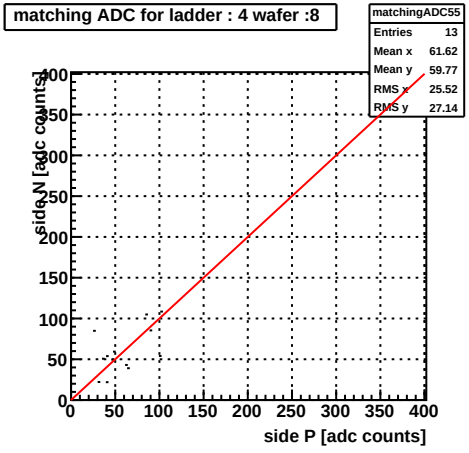

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 887
Mean x 61.59
Mean y 59.56
RMS x 56.38
RMS y 49.24
side N [adc counts]
side P [adc counts]

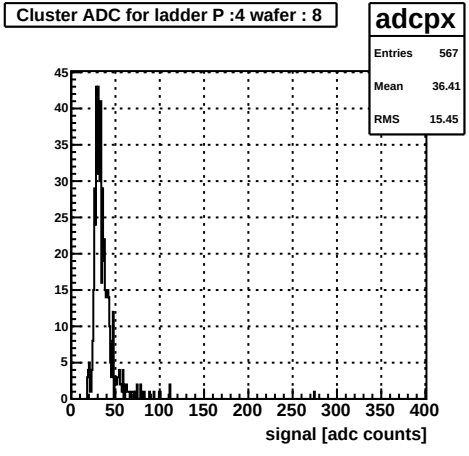

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4905
Mean 39.84
RMS 37.28
signal [adc counts]

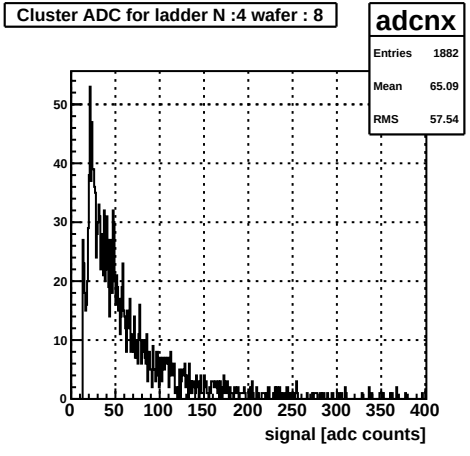

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4310
Mean 39.69
RMS 42.76
signal [adc counts]

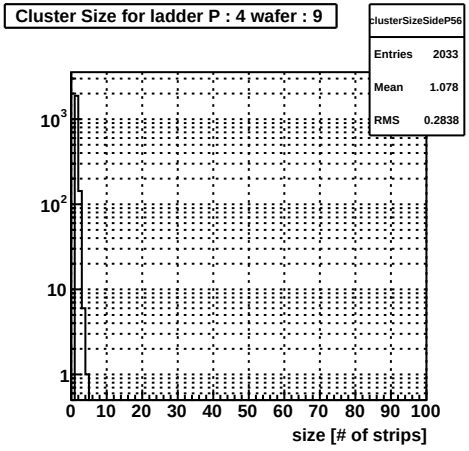

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 567
Mean 1.039
RMS 0.1931
size [# of strips]

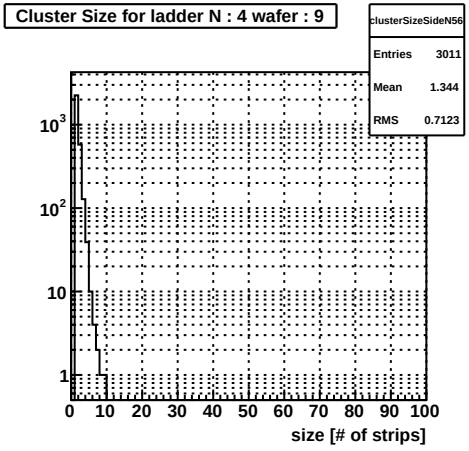

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1882
Mean 1.397
RMS 0.7688
size [# of strips]

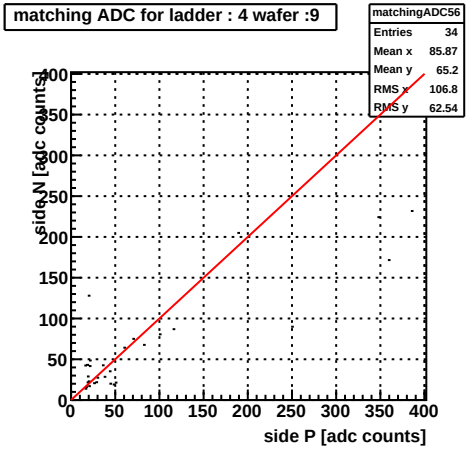

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 13
Mean x 61.62
Mean y 59.77
RMS x 25.52
RMS y 27.14
side N [adc counts]
side P [adc counts]

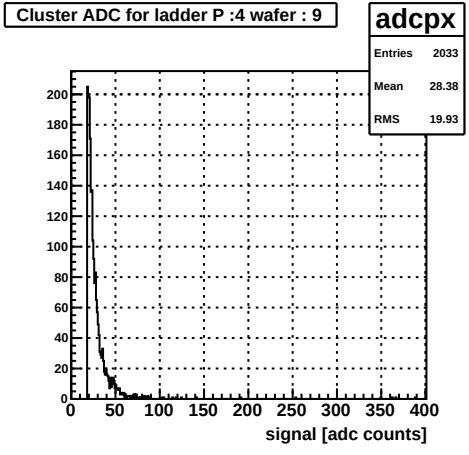

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 567
Mean 36.41
RMS 15.45
signal [adc counts]

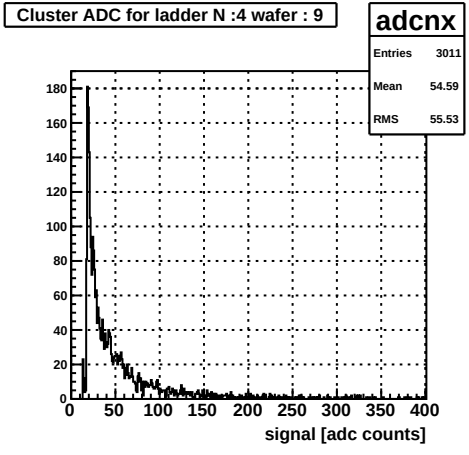

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1882
Mean 65.09
RMS 57.54
signal [adc counts]

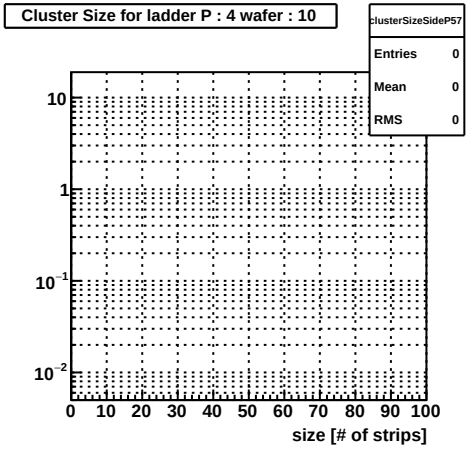

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2033
Mean 1.078
RMS 0.2838
size [# of strips]

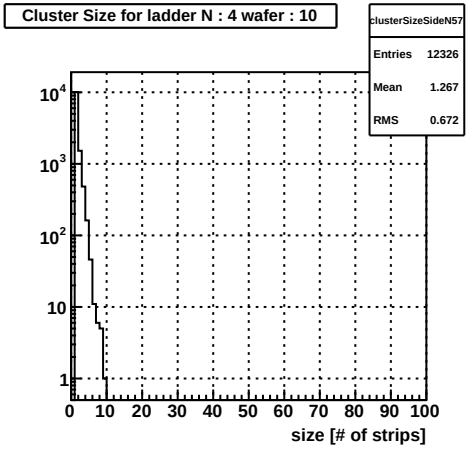

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3011
Mean 1.344
RMS 0.7123
size [# of strips]

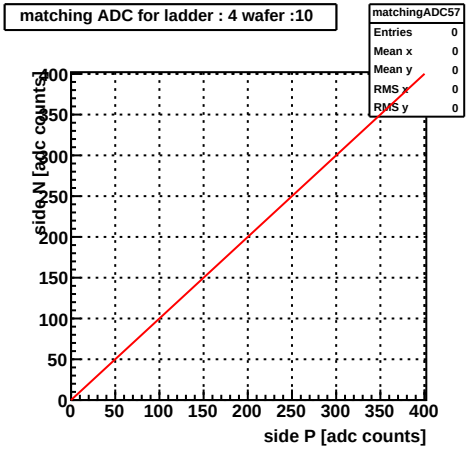

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 34
Mean x 85.87
Mean y 65.2
RMS x 106.8
RMS y 62.54
side N [adc counts]
side P [adc counts]

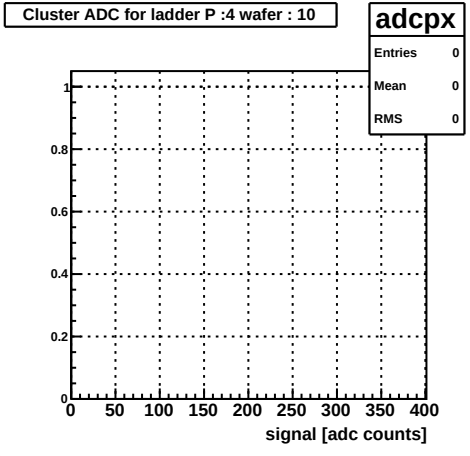

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2033
Mean 28.38
RMS 19.93
signal [adc counts]

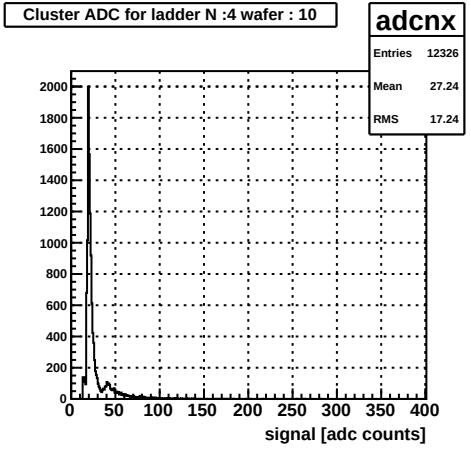

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3011
Mean 54.59
RMS 55.53
signal [adc counts]

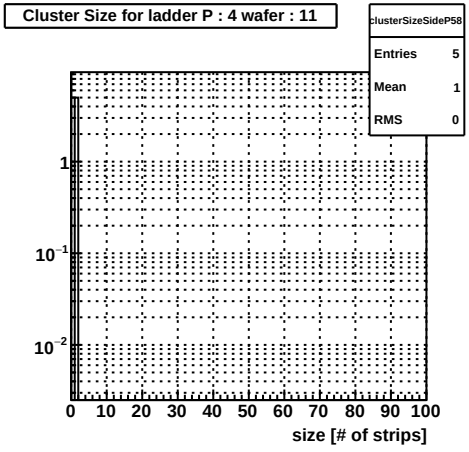

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

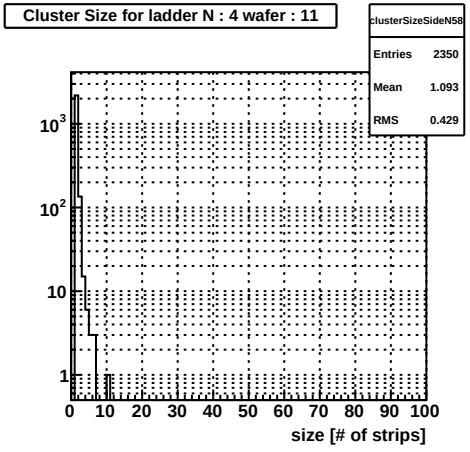

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12326
Mean 1.267
RMS 0.672
size [# of strips]

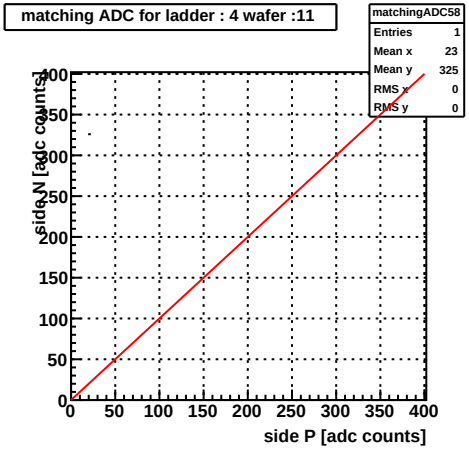

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

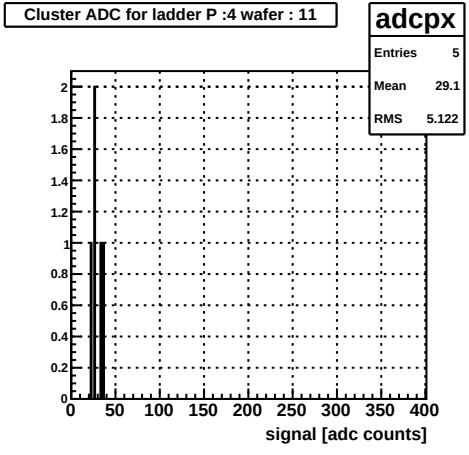

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

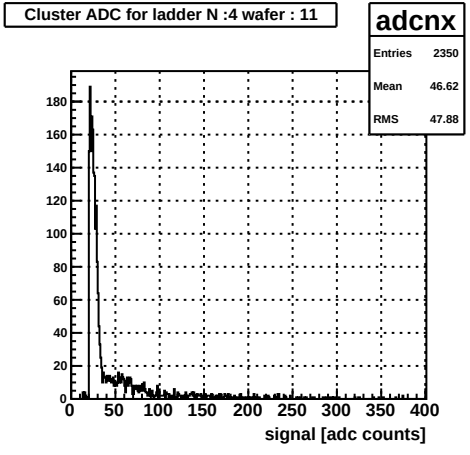

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12326
Mean 27.24
RMS 17.24
signal [adc counts]

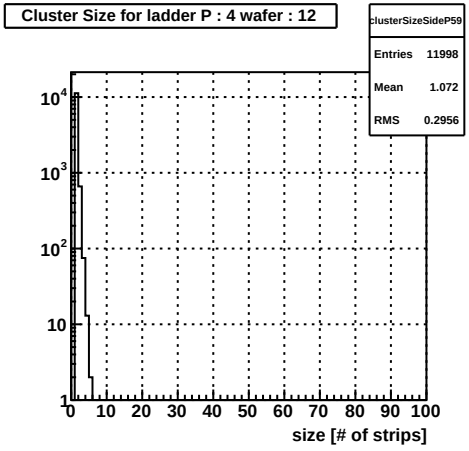

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 5
Mean 1
RMS 0
size [# of strips]

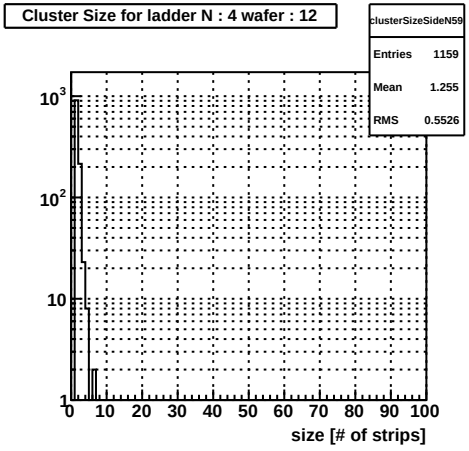

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2350
Mean 1.093
RMS 0.429
size [# of strips]

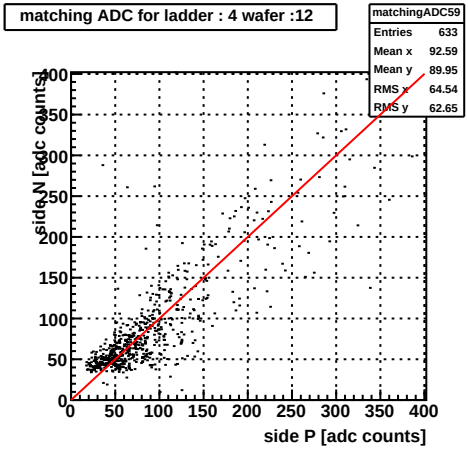

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 1
Mean x 23
Mean y 325
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

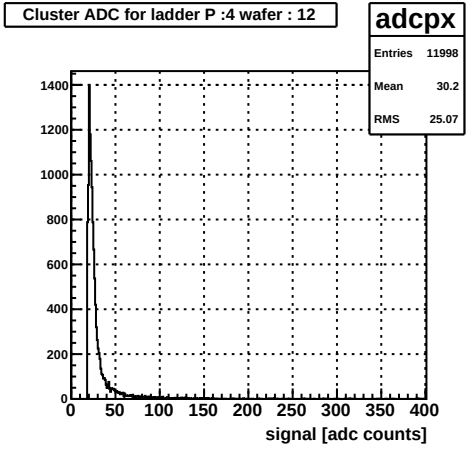

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 5
Mean 29.1
RMS 5.122
signal [adc counts]

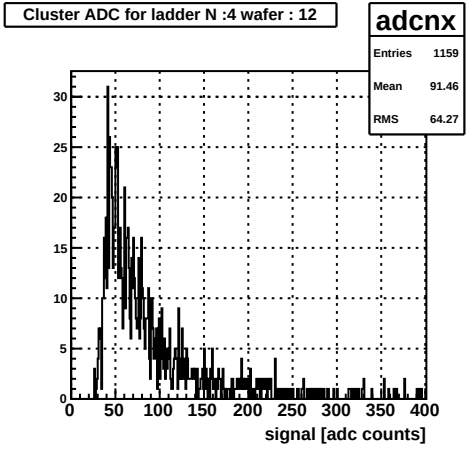

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2350
Mean 46.62
RMS 47.88
signal [adc counts]

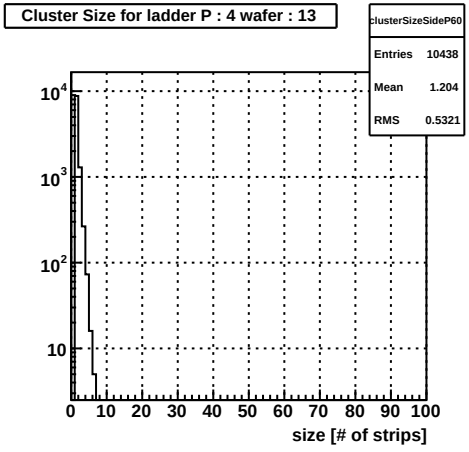

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 11998
Mean 1.072
RMS 0.2956
size [# of strips]

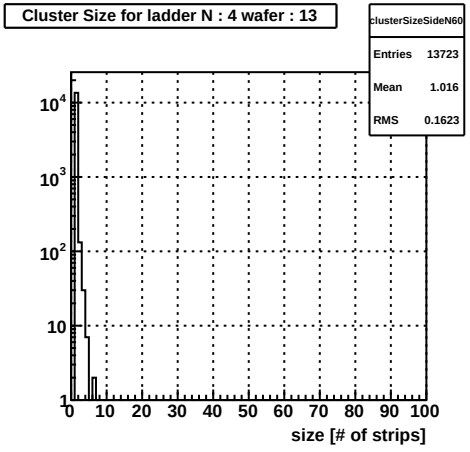

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1159
Mean 1.255
RMS 0.5526
size [# of strips]

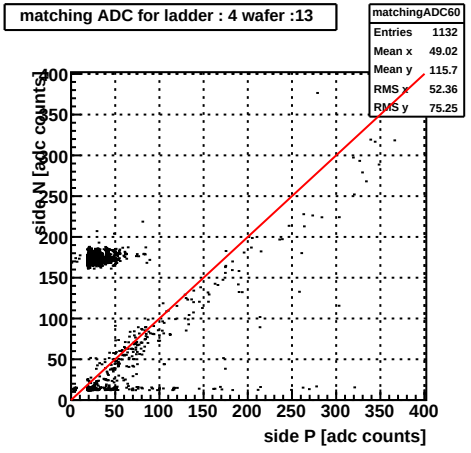

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 633
Mean x 92.59
Mean y 89.95
RMS x 64.54
RMS y 62.65
side N [adc counts]
side P [adc counts]

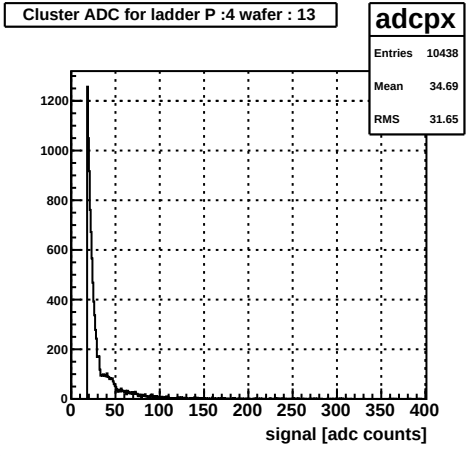

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 11998
Mean 30.2
RMS 25.07
signal [adc counts]

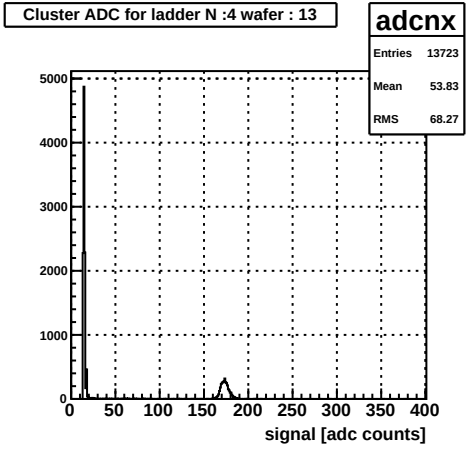

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1159
Mean 91.46
RMS 64.27
signal [adc counts]

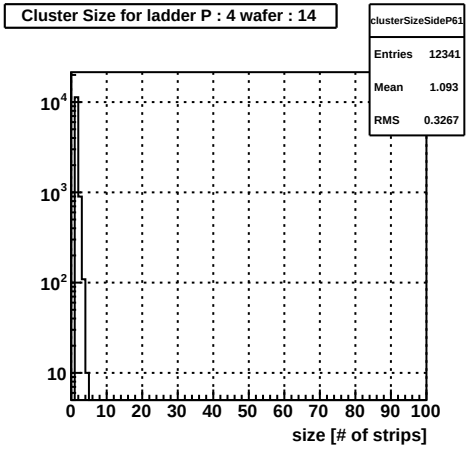

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 10438
Mean 1.204
RMS 0.5321
size [# of strips]

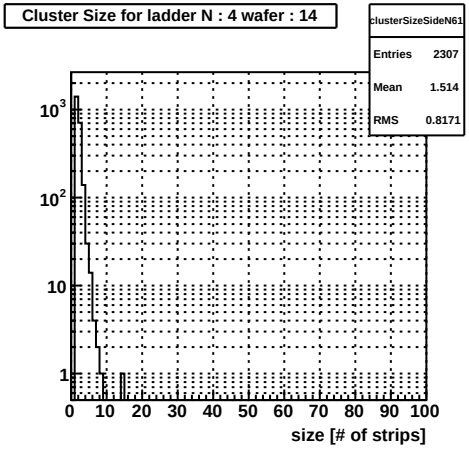

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 13723
Mean 1.016
RMS 0.1623
size [# of strips]

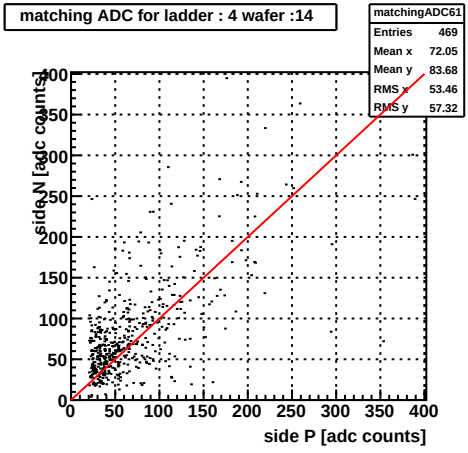

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1132
Mean x 49.02
Mean y 115.7
RMS x 52.36
RMS y 75.25
side N [adc counts]
side P [adc counts]

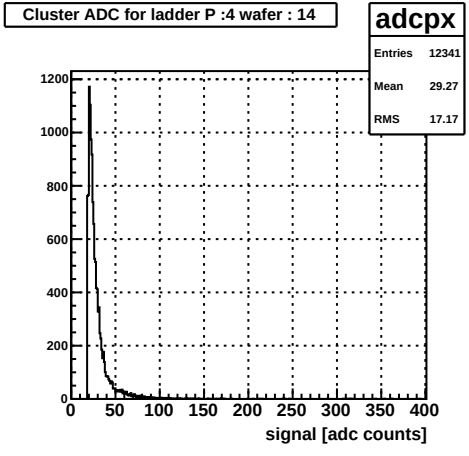

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 10438
Mean 34.69
RMS 31.65
signal [adc counts]

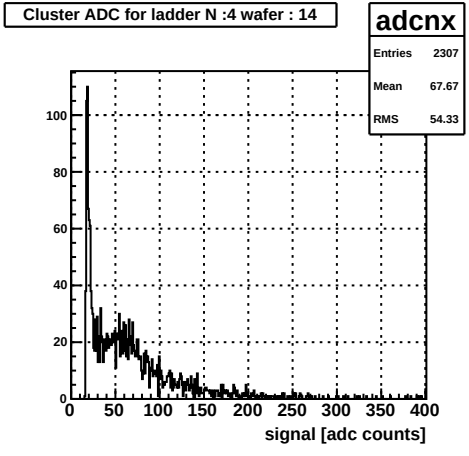

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 13723
Mean 53.83
RMS 68.27
signal [adc counts]

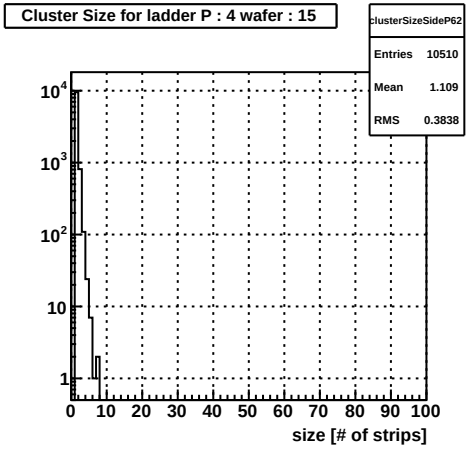

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 12341
Mean 1.093
RMS 0.3267
size [# of strips]

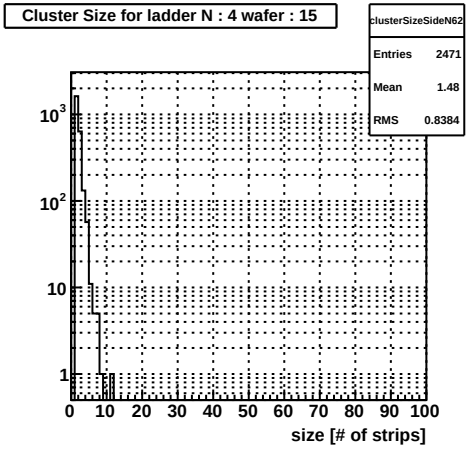

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2307
Mean 1.514
RMS 0.8171
size [# of strips]

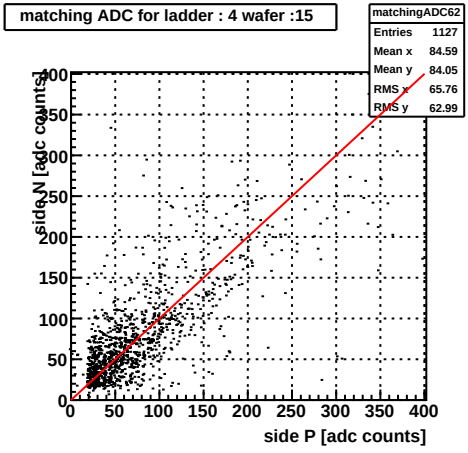

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 469
Mean x 72.05
Mean y 83.68
RMS x 53.46
RMS y 57.32
side N [adc counts]
side P [adc counts]

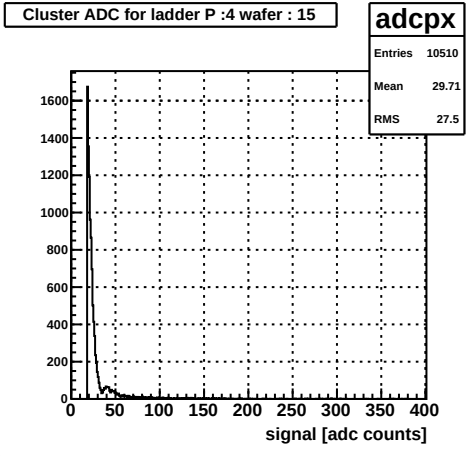

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 12341
Mean 29.27
RMS 17.17
signal [adc counts]

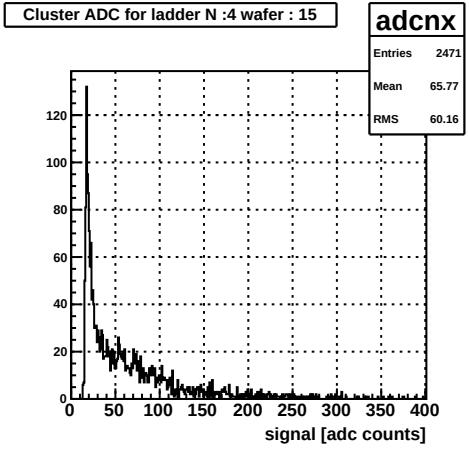

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2307
Mean 67.67
RMS 54.33
signal [adc counts]

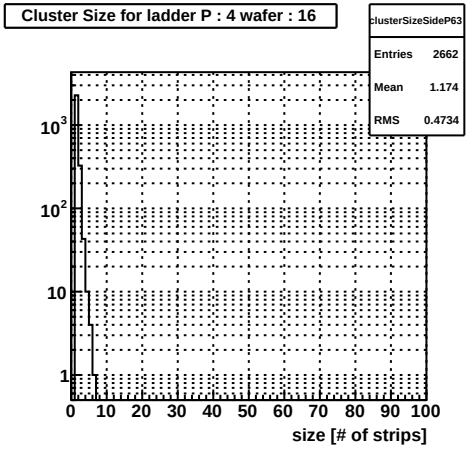

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 10510
Mean 1.109
RMS 0.3838
size [# of strips]

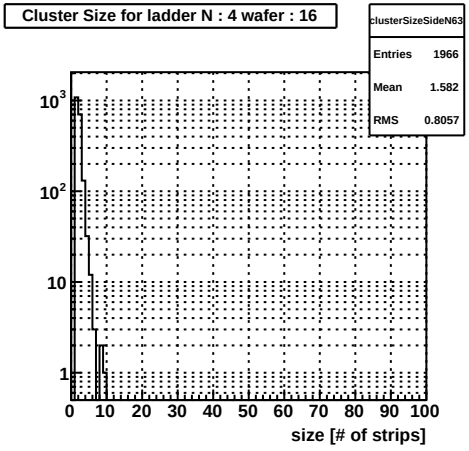

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2471
Mean 1.48
RMS 0.8384
size [# of strips]

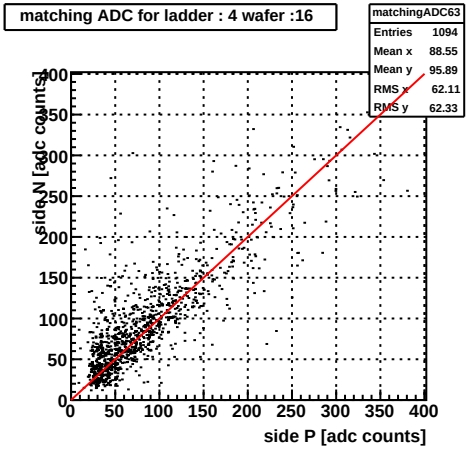

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1127
Mean x 84.59
Mean y 84.05
RMS x 65.76
RMS y 62.99
side N [adc counts]
side P [adc counts]

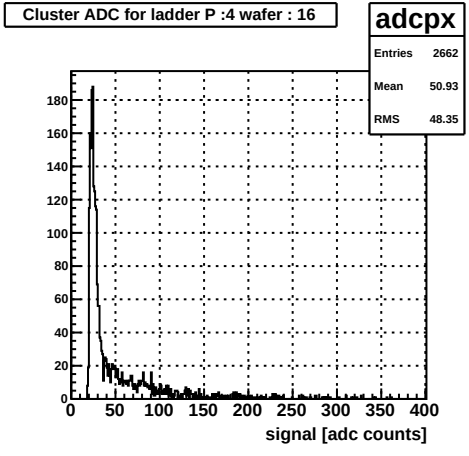

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 10510
Mean 29.71
RMS 27.5
signal [adc counts]

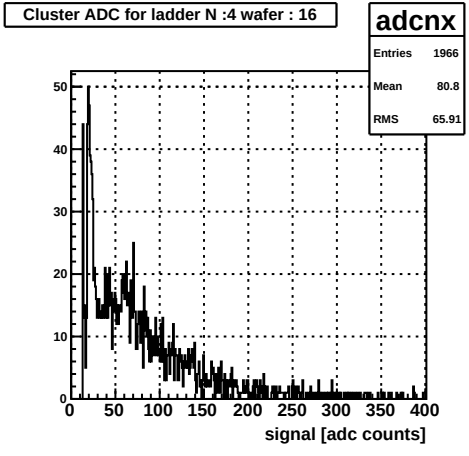

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2471
Mean 65.77
RMS 60.16
signal [adc counts]

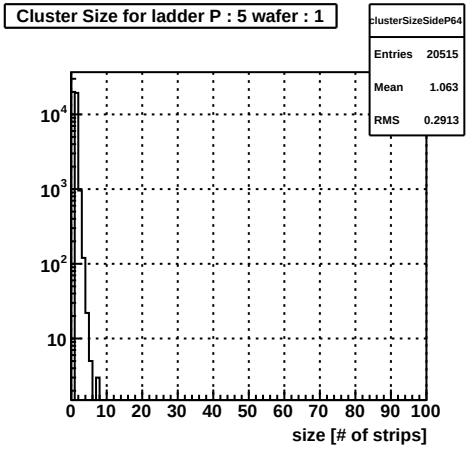

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2662
Mean 1.174
RMS 0.4734
size [# of strips]

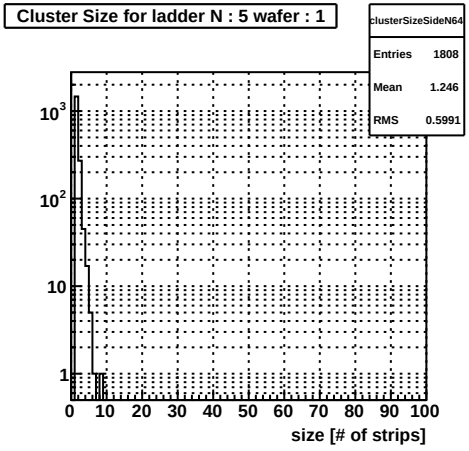

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1966
Mean 1.582
RMS 0.8057
size [# of strips]

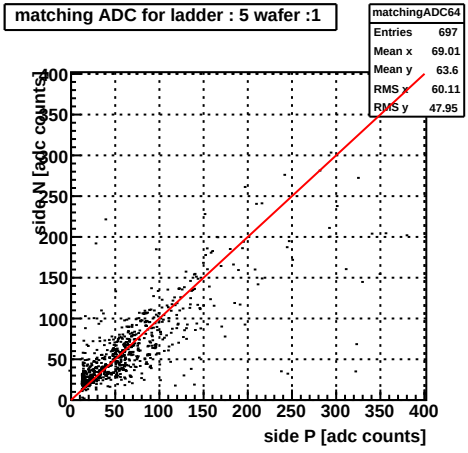

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1094
Mean x 88.55
Mean y 95.89
RMS x 62.11
RMS y 62.33
side N [adc counts]
side P [adc counts]

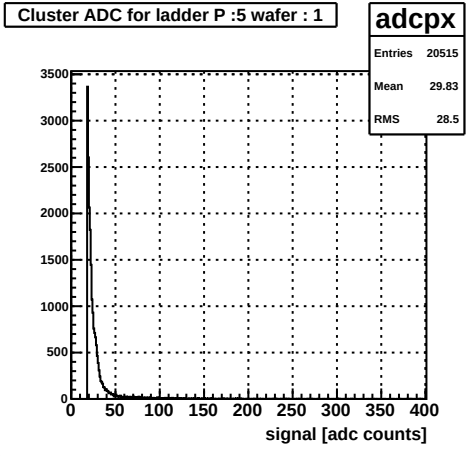

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2662
Mean 50.93
RMS 48.35
signal [adc counts]

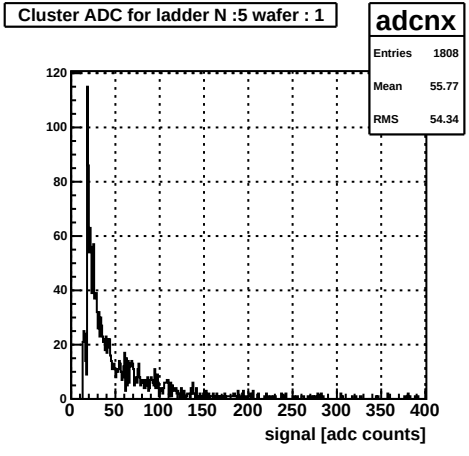

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1966
Mean 80.8
RMS 65.91
signal [adc counts]

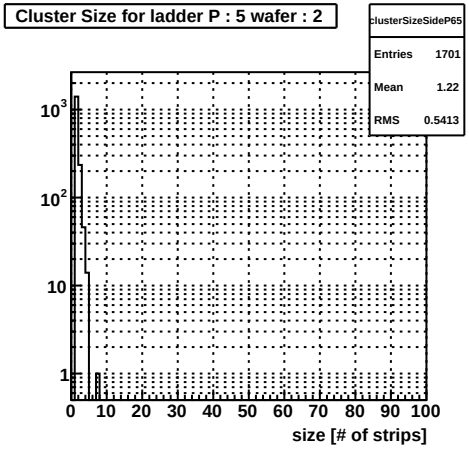

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20515
Mean 1.063
RMS 0.2913
size [# of strips]

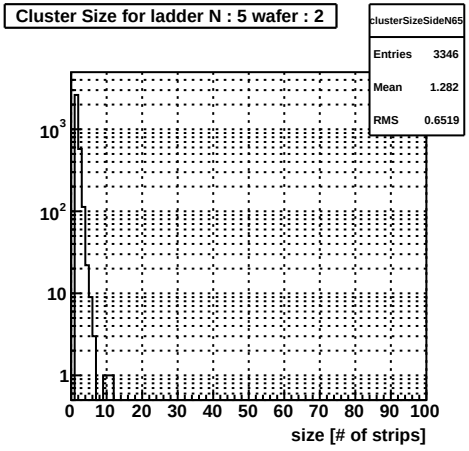

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1808
Mean 1.246
RMS 0.5991
size [# of strips]

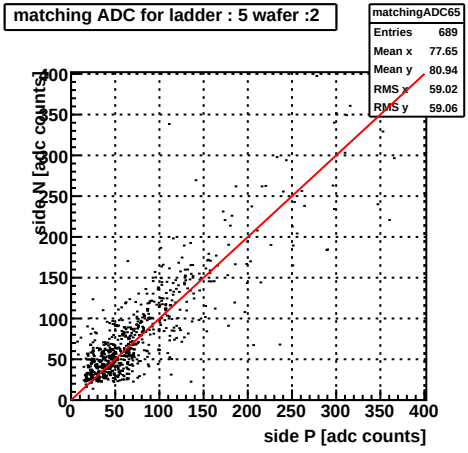

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 697
Mean x 69.01
Mean y 63.6
RMS x 60.11
RMS y 47.95
side N [adc counts]
side P [adc counts]

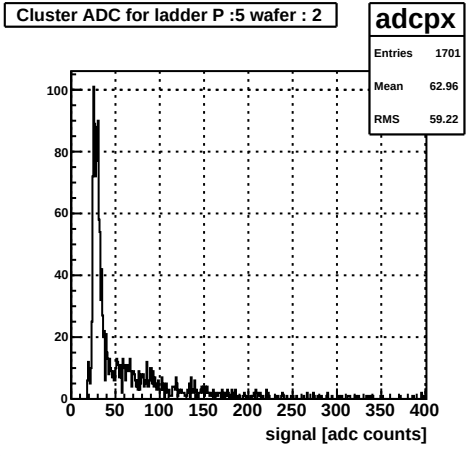

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20515
Mean 29.83
RMS 28.5
signal [adc counts]

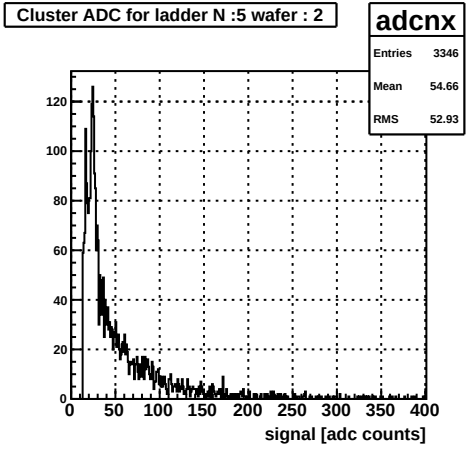

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1808
Mean 55.77
RMS 54.34
signal [adc counts]

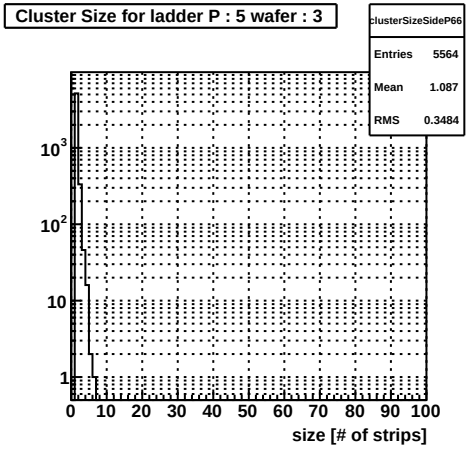

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1701
Mean 1.22
RMS 0.5413
size [# of strips]

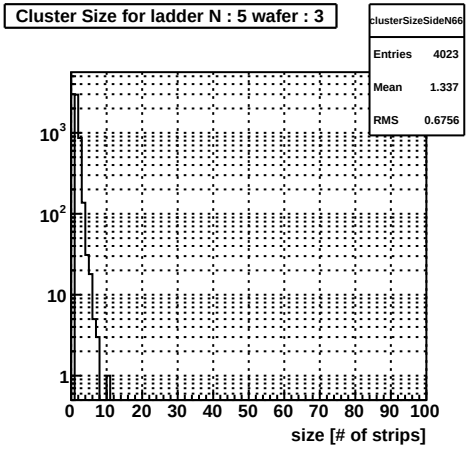

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3346
Mean 1.282
RMS 0.6519
size [# of strips]

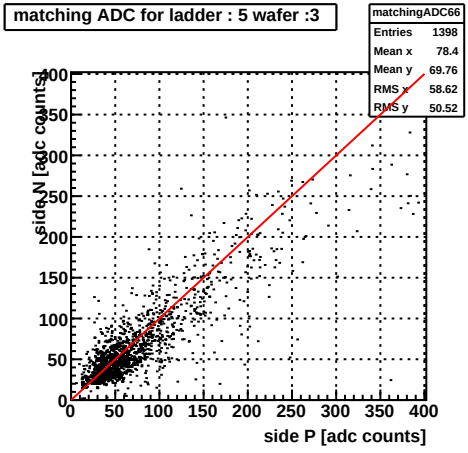

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 689
Mean x 77.65
Mean y 80.94
RMS x 59.02
RMS y 59.06
side N [adc counts]
side P [adc counts]

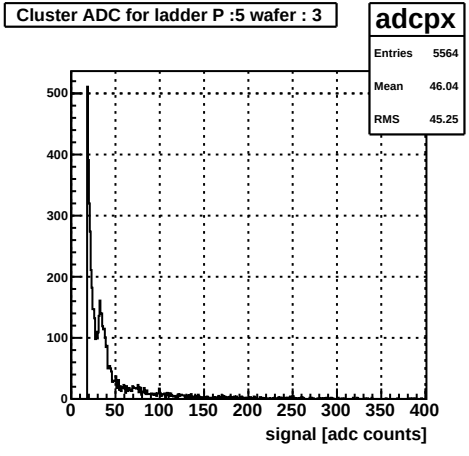

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1701
Mean 62.96
RMS 59.22
signal [adc counts]

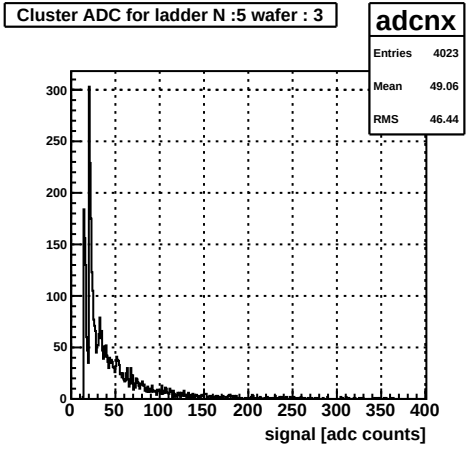

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3346
Mean 54.66
RMS 52.93
signal [adc counts]

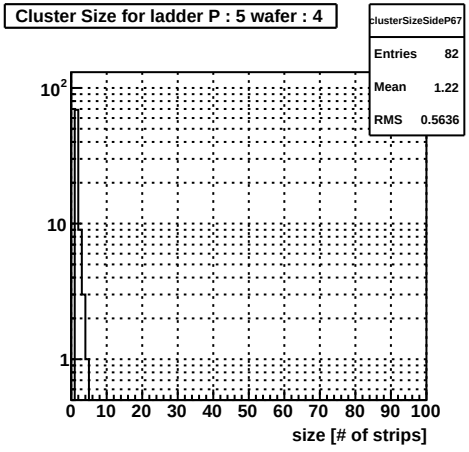

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5564
Mean 1.087
RMS 0.3484
size [# of strips]

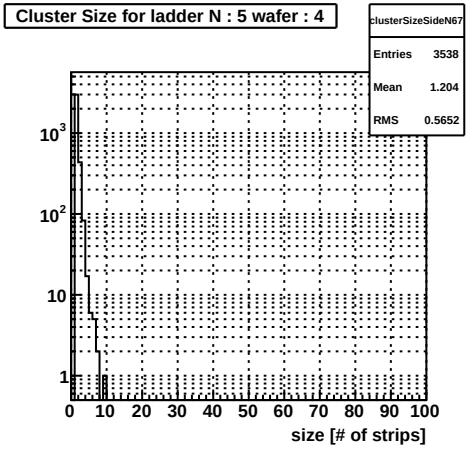

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 4023
Mean 1.337
RMS 0.6756
size [# of strips]

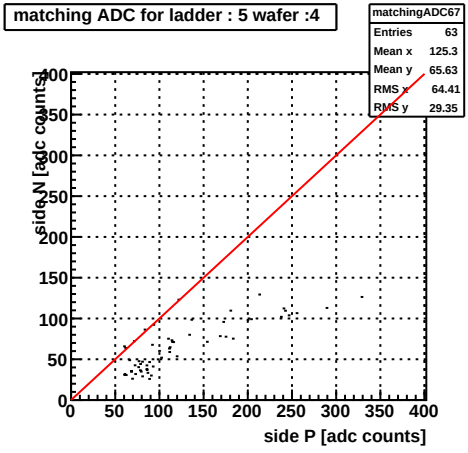

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1398
Mean x 78.4
Mean y 69.76
RMS x 58.62
RMS y 50.52
side N [adc counts]
side P [adc counts]

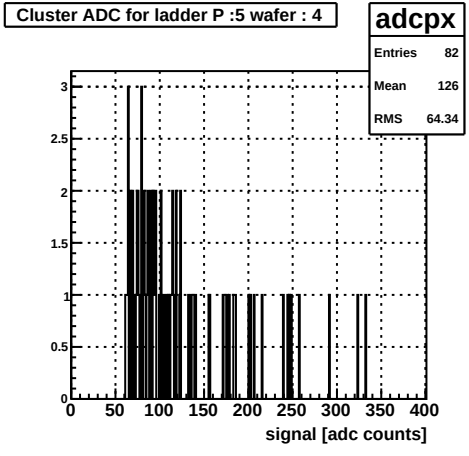

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5564
Mean 46.04
RMS 45.25
signal [adc counts]

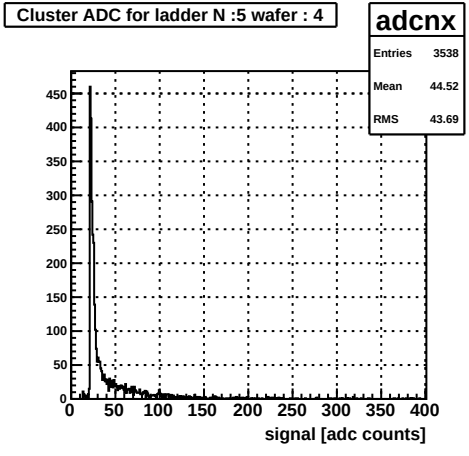

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 4023
Mean 49.06
RMS 46.44
signal [adc counts]

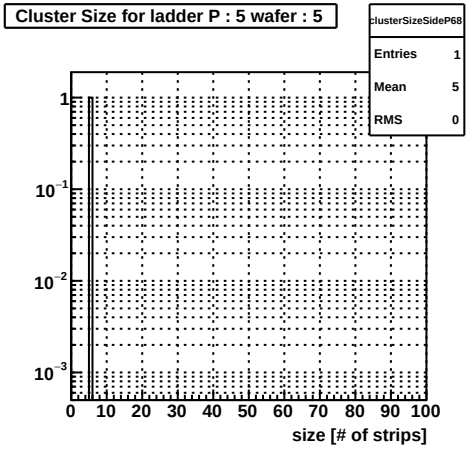

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 82
Mean 1.22
RMS 0.5636
size [# of strips]

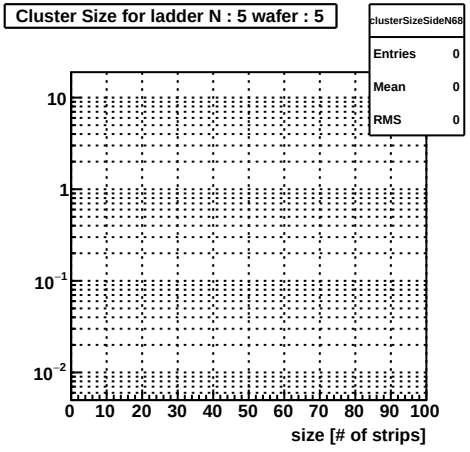

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 3538
Mean 1.204
RMS 0.5652
size [# of strips]

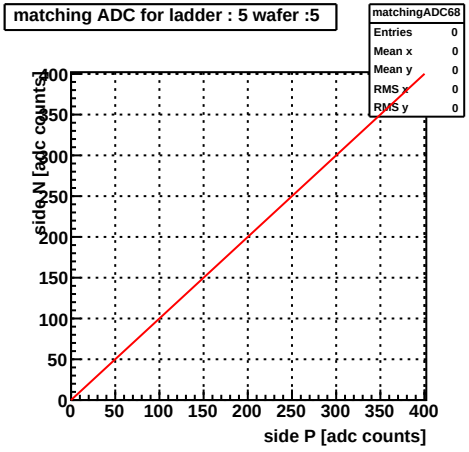

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 63
Mean x 125.3
Mean y 65.63
RMS x 64.41
RMS y 29.35
side N [adc counts]
side P [adc counts]

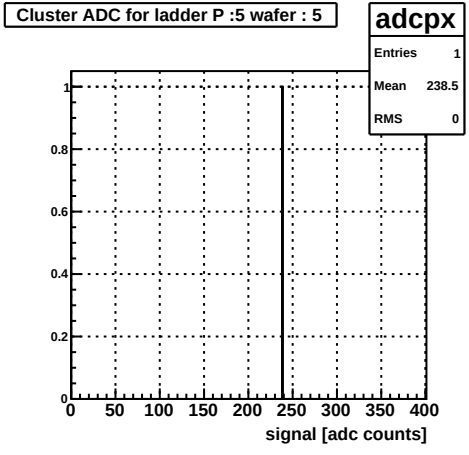

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 82
Mean 126
RMS 64.34
signal [adc counts]

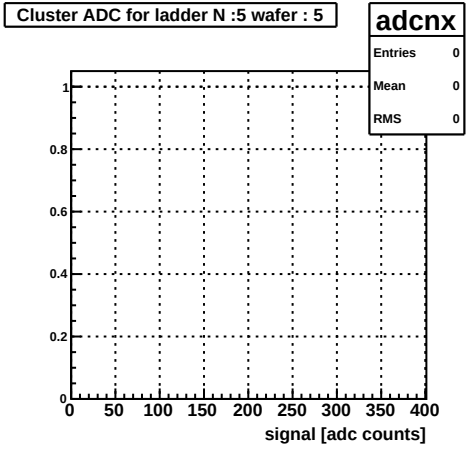

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 3538
Mean 44.52
RMS 43.69
signal [adc counts]

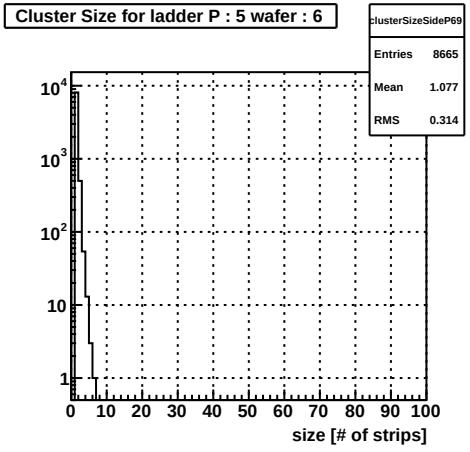

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 1
Mean 5
RMS 0
size [# of strips]

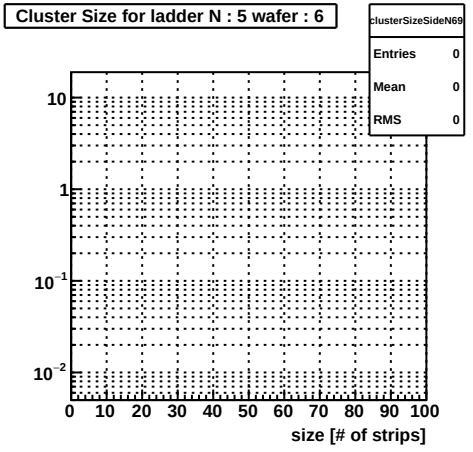

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

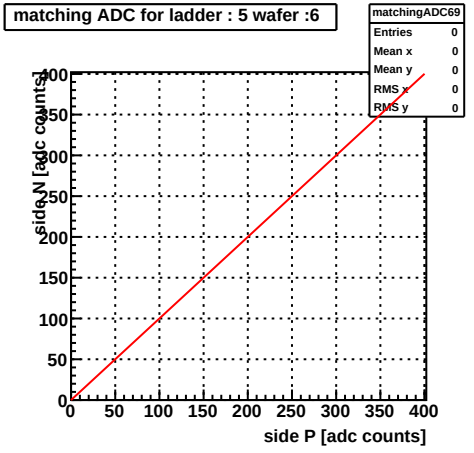

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

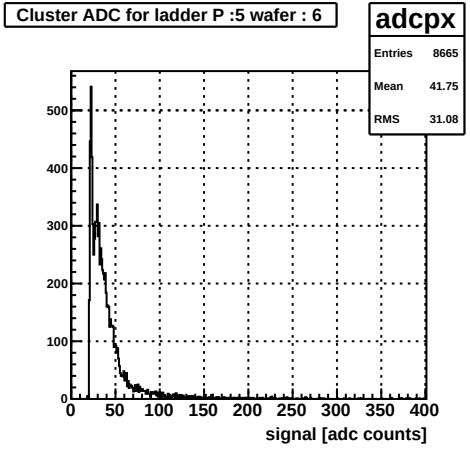

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 1
Mean 238.5
RMS 0
signal [adc counts]

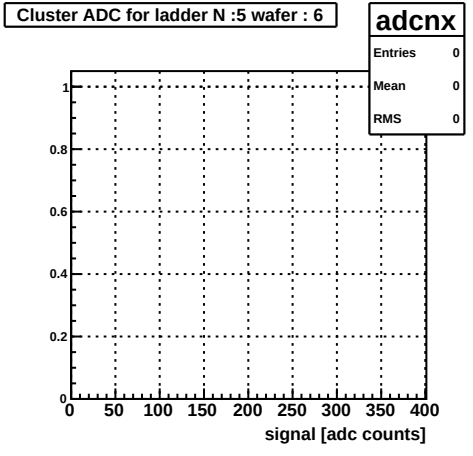

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

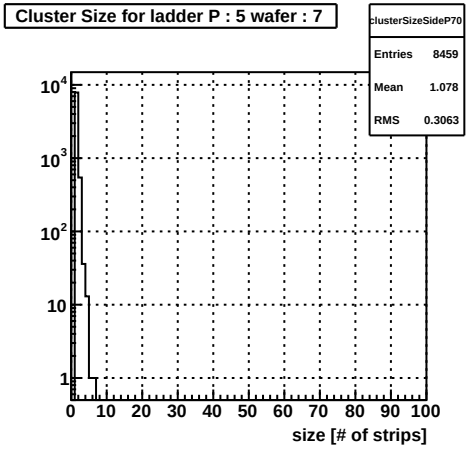

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 8665
Mean 1.077
RMS 0.314
size [# of strips]

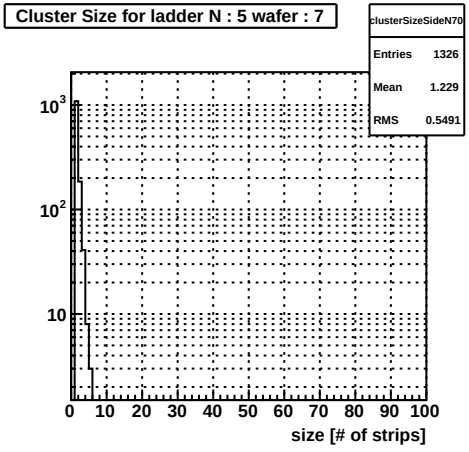

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 0
Mean 0
RMS 0
size [# of strips]

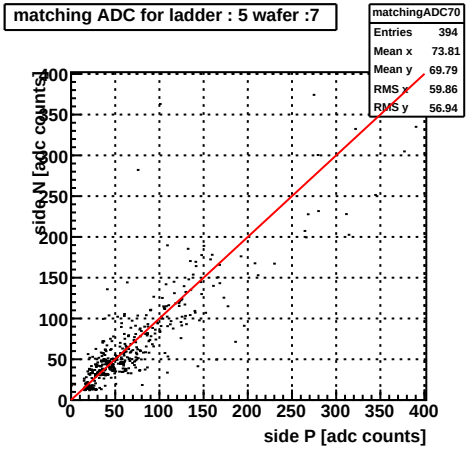

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

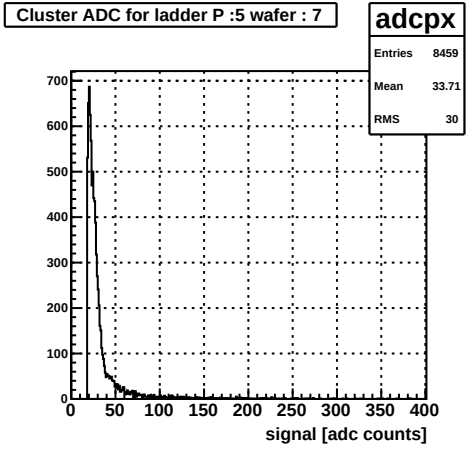

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 8665
Mean 41.75
RMS 31.08
signal [adc counts]

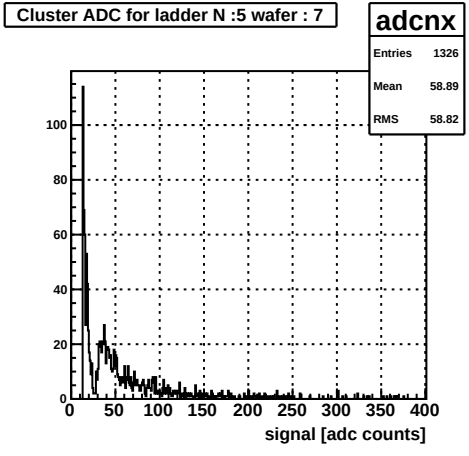

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

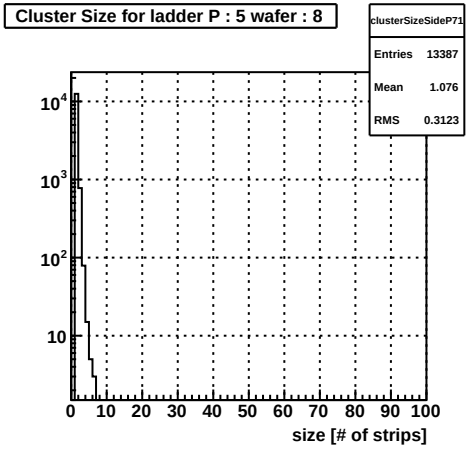

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8459
Mean 1.078
RMS 0.3063
size [# of strips]

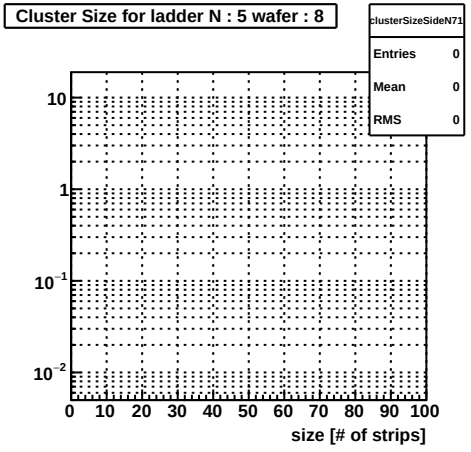

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1326
Mean 1.229
RMS 0.5491
size [# of strips]

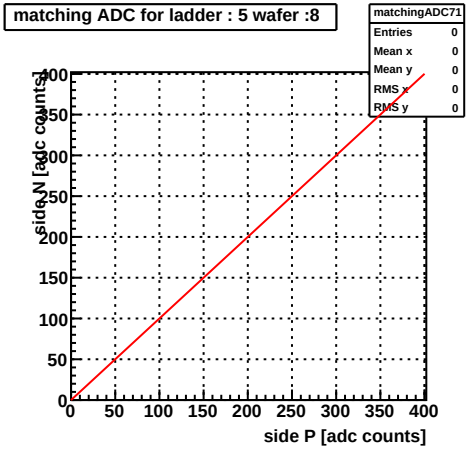

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 394
Mean x 73.81
Mean y 69.79
RMS x 59.86
RMS y 56.94
side N [adc counts]
side P [adc counts]

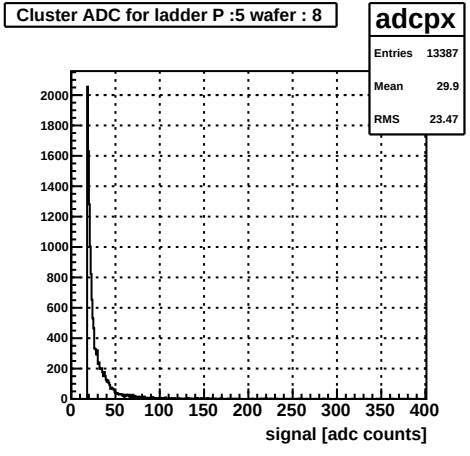

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8459
Mean 33.71
RMS 30
signal [adc counts]

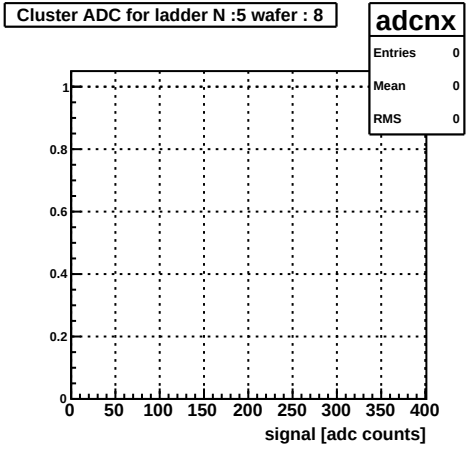

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1326
Mean 58.89
RMS 58.82
signal [adc counts]

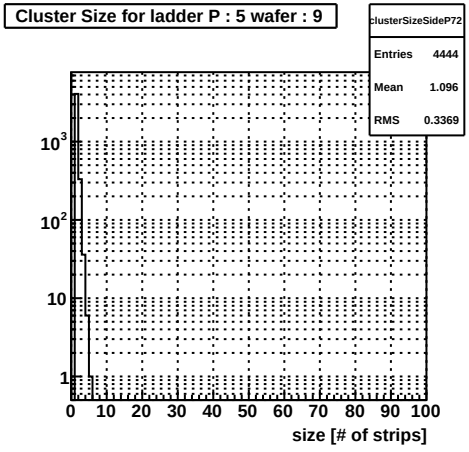

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13387
Mean 1.076
RMS 0.3123
size [# of strips]

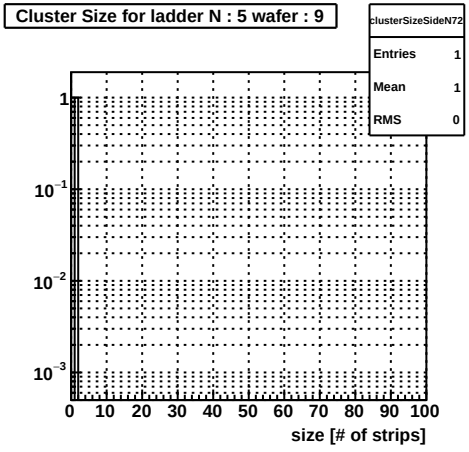

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

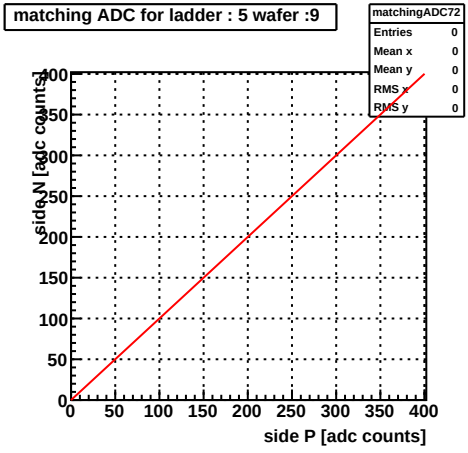

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

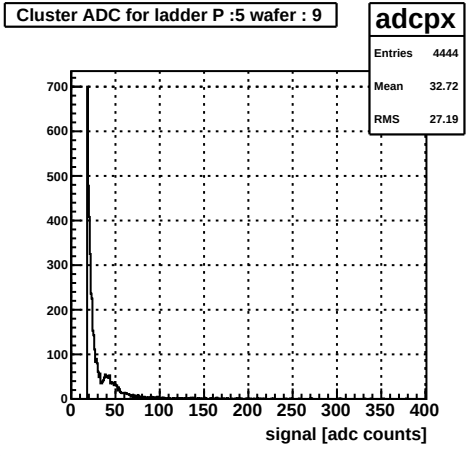

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13387
Mean 29.9
RMS 23.47
signal [adc counts]

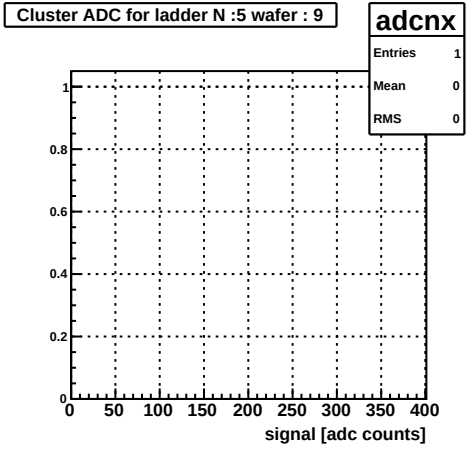

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

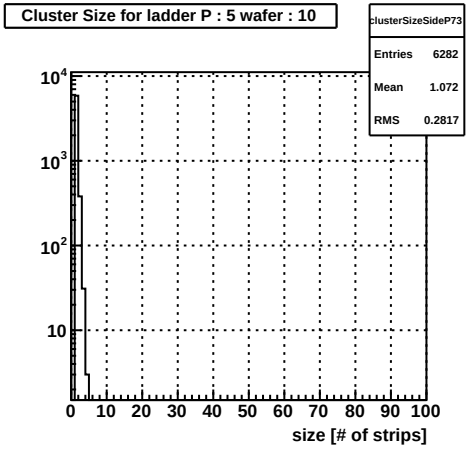

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4444
Mean 1.096
RMS 0.3369
size [# of strips]

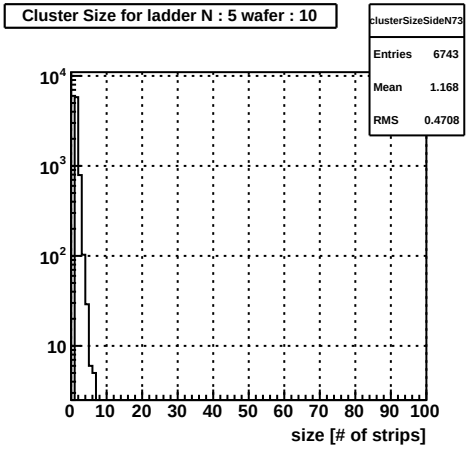

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

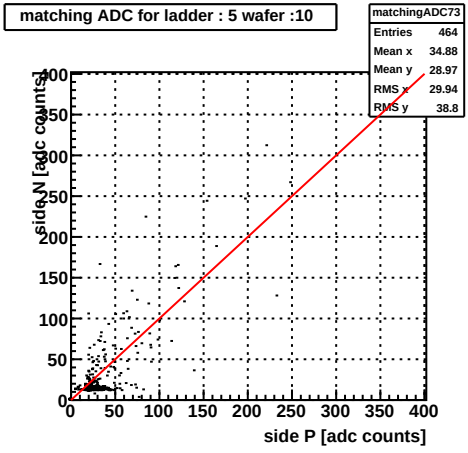

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

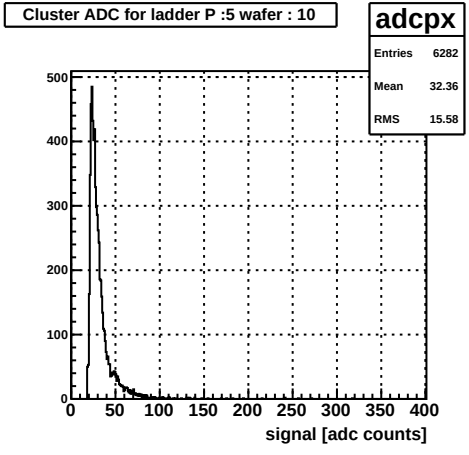

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4444
Mean 32.72
RMS 27.19
signal [adc counts]

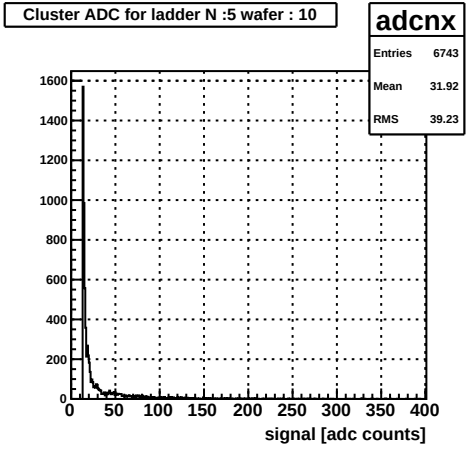

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

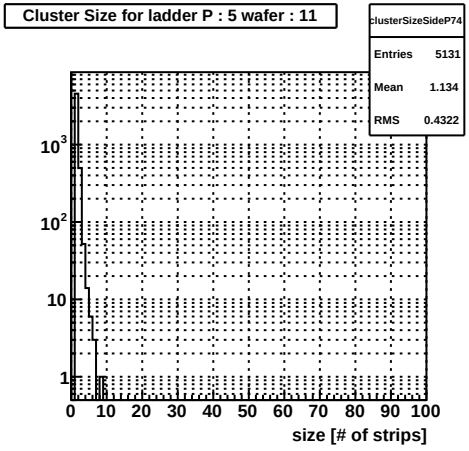

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6282
Mean 1.072
RMS 0.2817
size [# of strips]

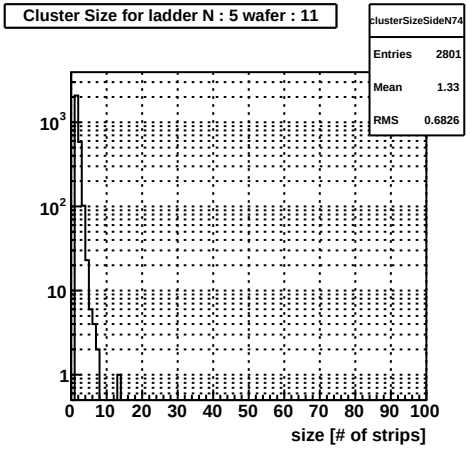

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6743
Mean 1.168
RMS 0.4708
size [# of strips]

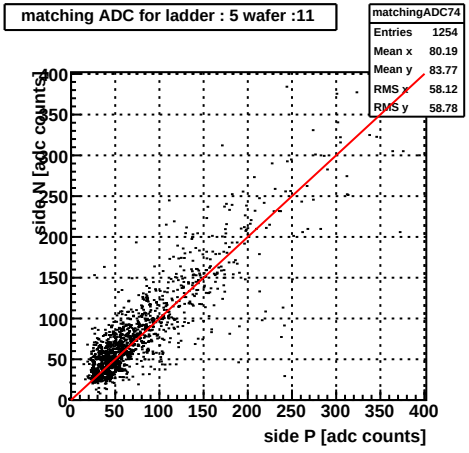

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 464
Mean x 34.88
Mean y 28.97
RMS x 29.94
RMS y 38.8
side N [adc counts]
side P [adc counts]

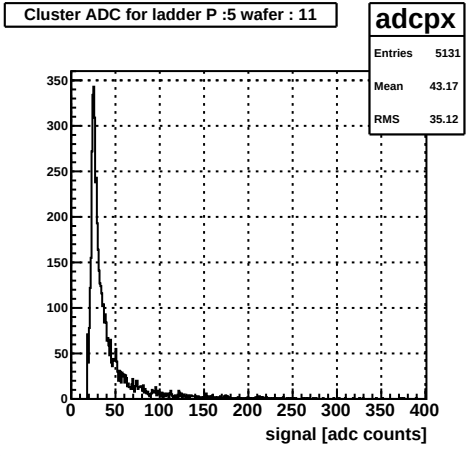

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6282
Mean 32.36
RMS 15.58
signal [adc counts]

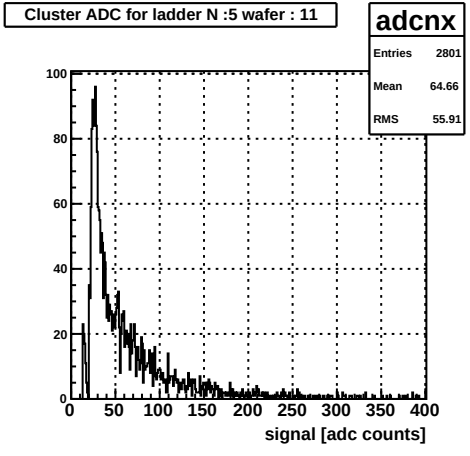

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6743
Mean 31.92
RMS 39.23
signal [adc counts]

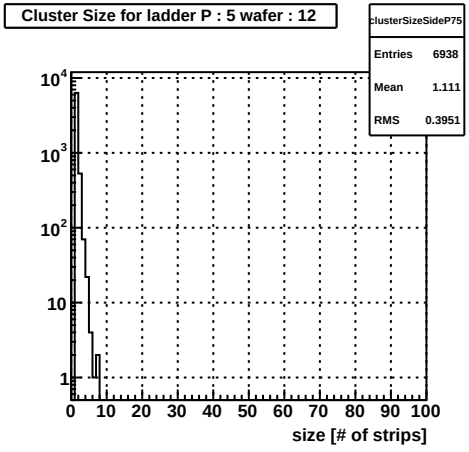

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 5131
Mean 1.134
RMS 0.4322
size [# of strips]

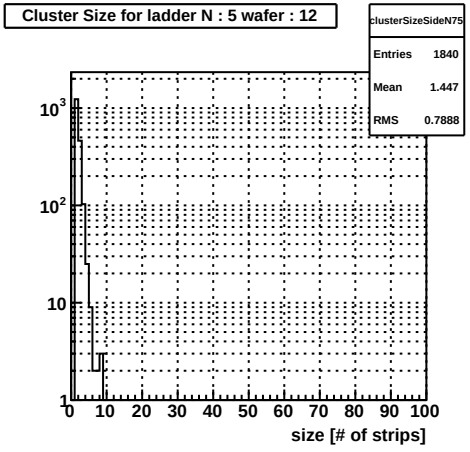

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2801
Mean 1.33
RMS 0.6826
size [# of strips]

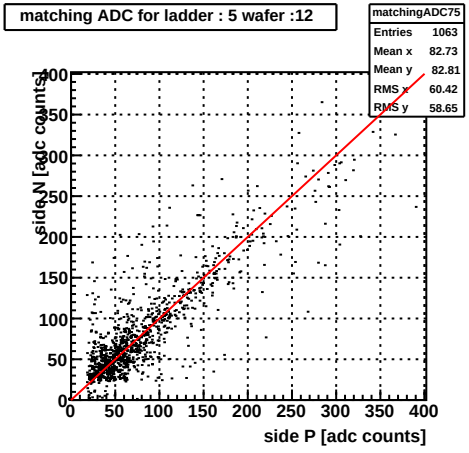

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1254
Mean x 80.19
Mean y 83.77
RMS x 58.12
RMS y 58.78
side N [adc counts]
side P [adc counts]

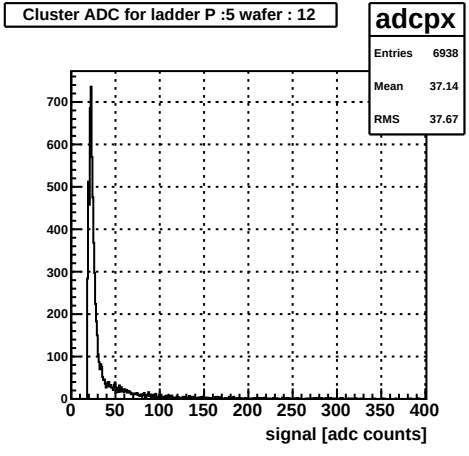

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 5131
Mean 43.17
RMS 35.12
signal [adc counts]

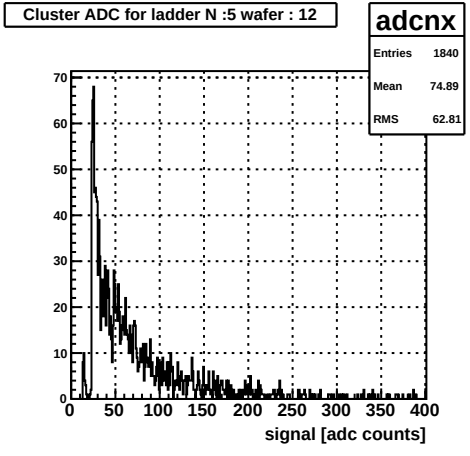

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2801
Mean 64.66
RMS 55.91
signal [adc counts]

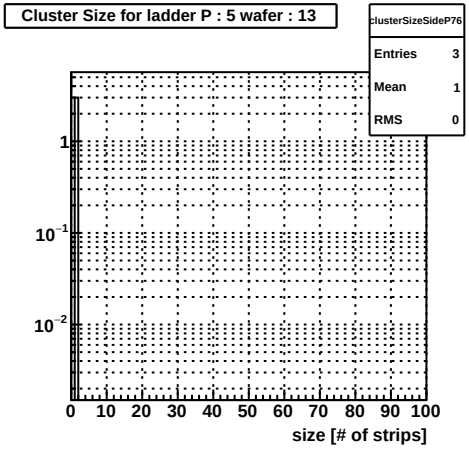

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6938
Mean 1.111
RMS 0.3951
size [# of strips]

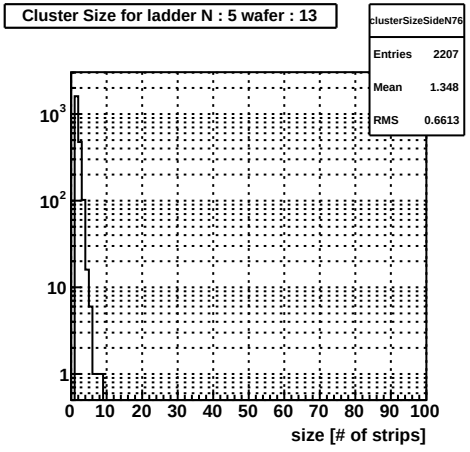

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1840
Mean 1.447
RMS 0.7888
size [# of strips]

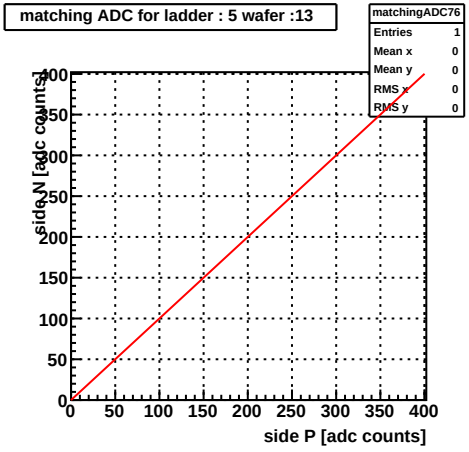

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1063
Mean x 82.73
Mean y 82.81
RMS x 60.42
RMS y 58.65
side N [adc counts]
side P [adc counts]

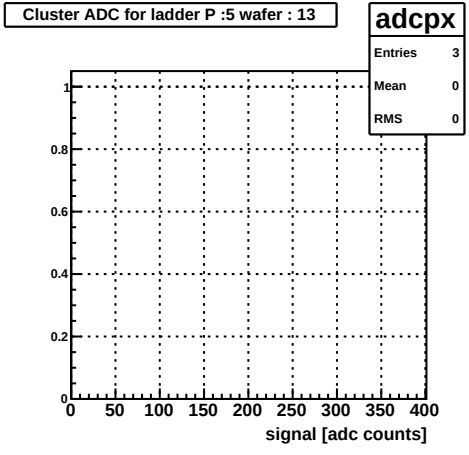

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6938
Mean 37.14
RMS 37.67
signal [adc counts]

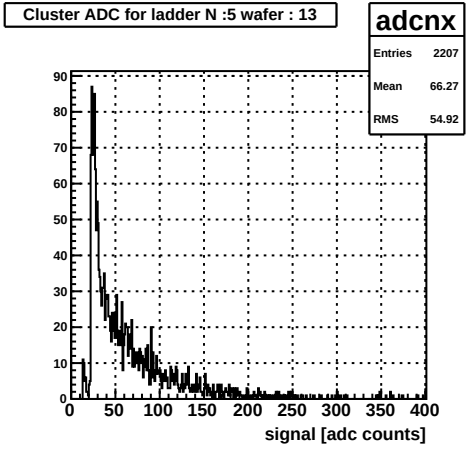

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1840
Mean 74.89
RMS 62.81
signal [adc counts]

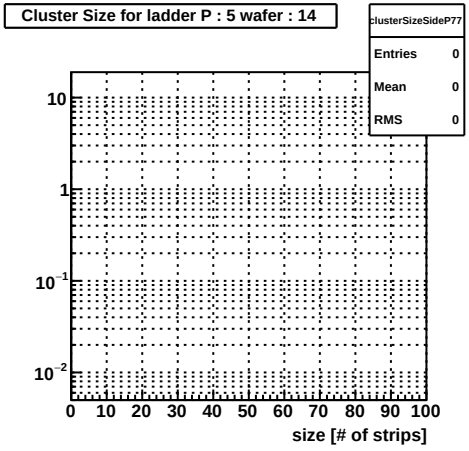

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 3
Mean 1
RMS 0
size [# of strips]

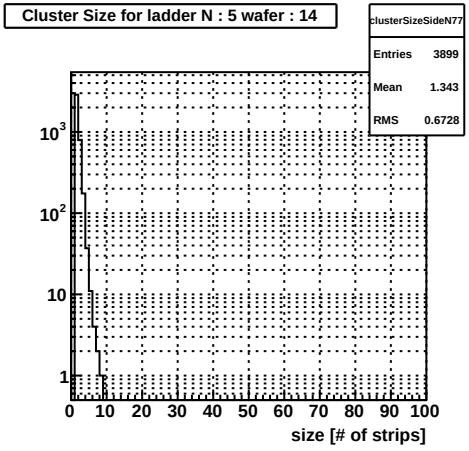

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2207
Mean 1.348
RMS 0.6613
size [# of strips]

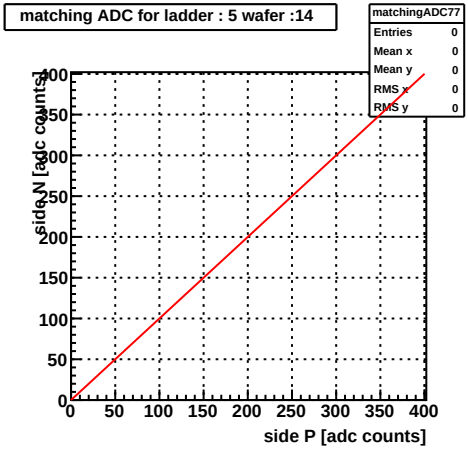

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

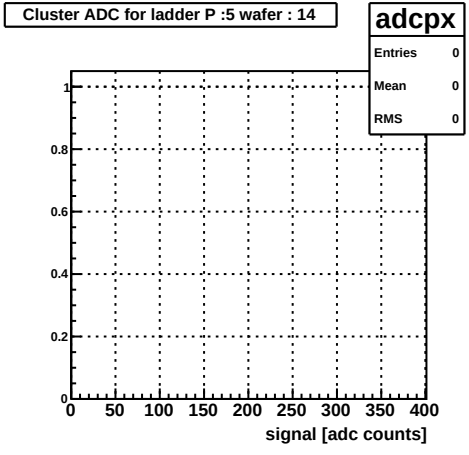

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

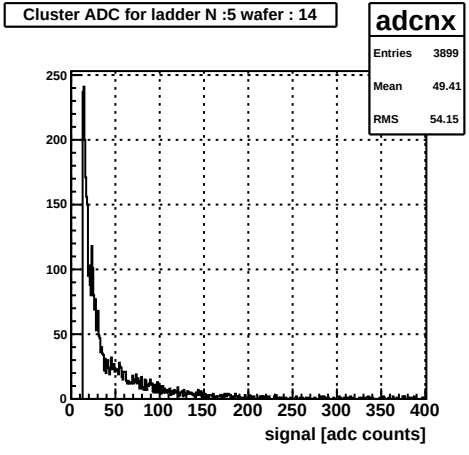

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2207
Mean 66.27
RMS 54.92
signal [adc counts]

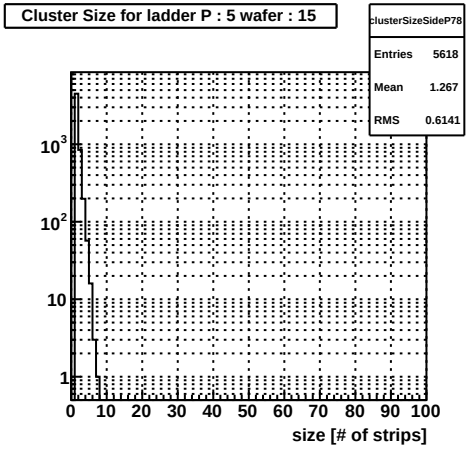

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

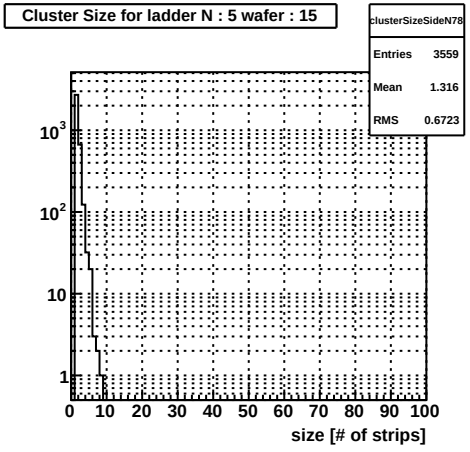

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3899
Mean 1.343
RMS 0.6728
size [# of strips]

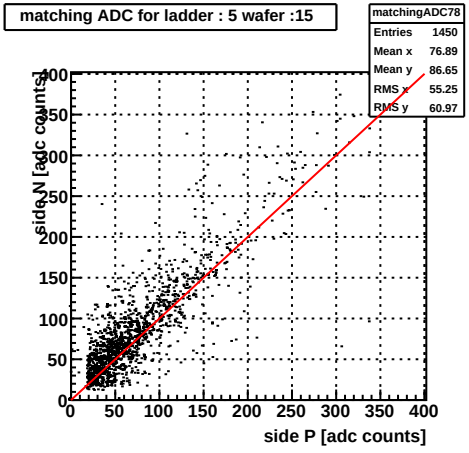

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

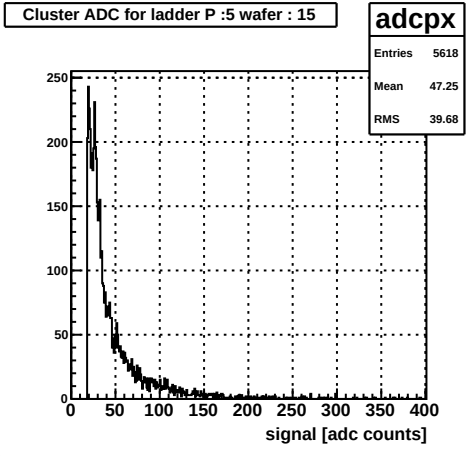

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

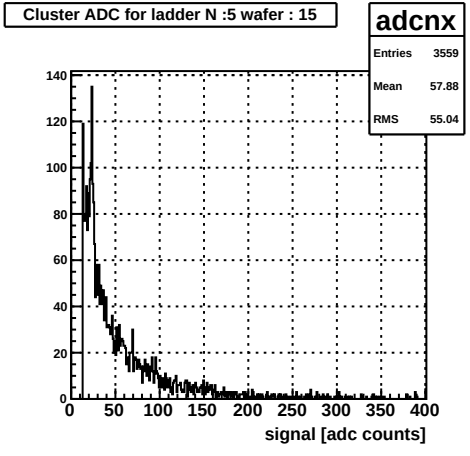

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3899
Mean 49.41
RMS 54.15
signal [adc counts]

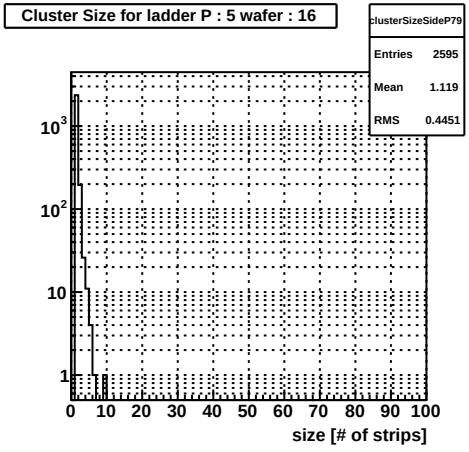

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5618
Mean 1.267
RMS 0.6141
size [# of strips]

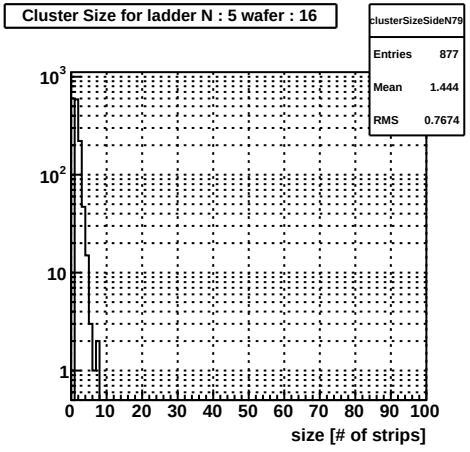

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3559
Mean 1.316
RMS 0.6723
size [# of strips]

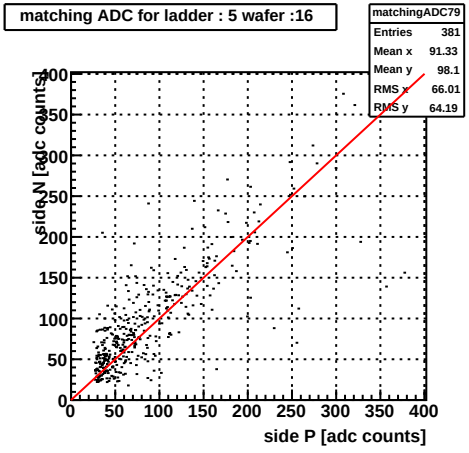

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1450
Mean x 76.89
Mean y 86.65
RMS x 55.25
RMS y 60.97
side N [adc counts]
side P [adc counts]

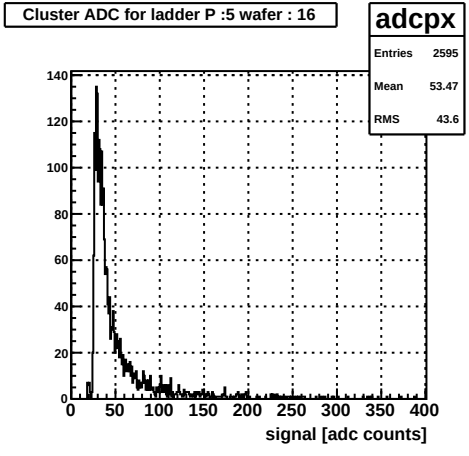

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5618
Mean 47.25
RMS 39.68
signal [adc counts]

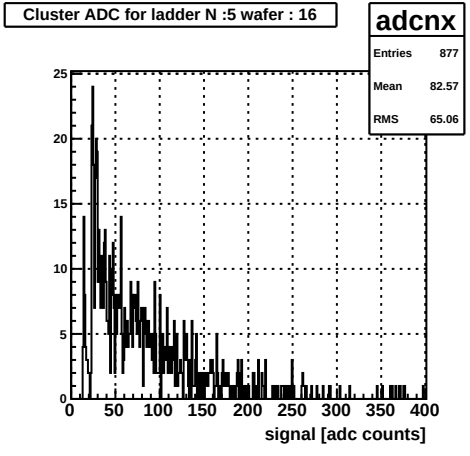

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3559
Mean 57.88
RMS 55.04
signal [adc counts]

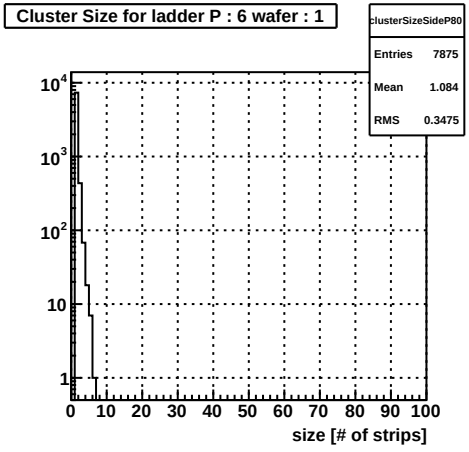

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2595
Mean 1.119
RMS 0.4451
size [# of strips]

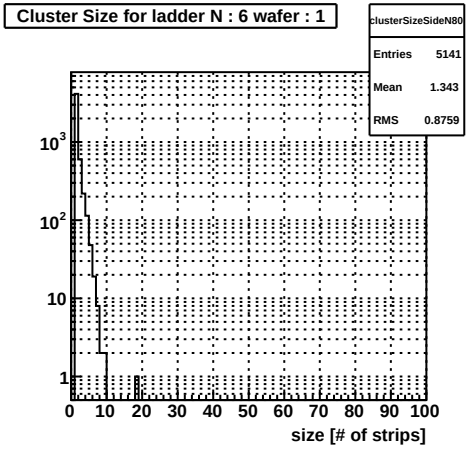

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 877
Mean 1.444
RMS 0.7674
size [# of strips]

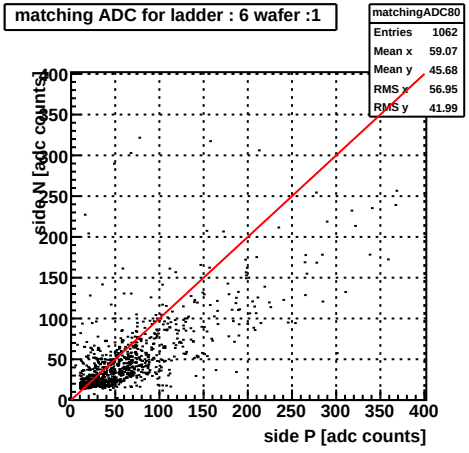

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 381
Mean x 91.33
Mean y 98.1
RMS x 66.01
RMS y 64.19
side N [adc counts]
side P [adc counts]

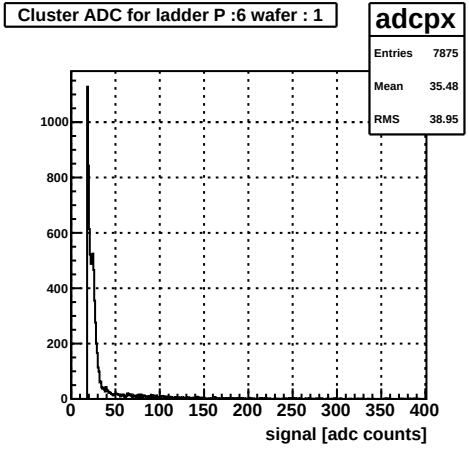

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2595
Mean 53.47
RMS 43.6
signal [adc counts]

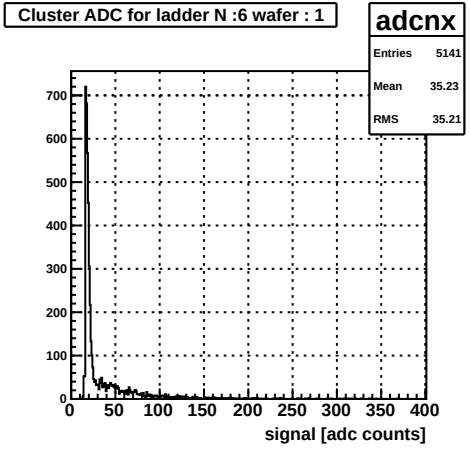

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 877
Mean 82.57
RMS 65.06
signal [adc counts]

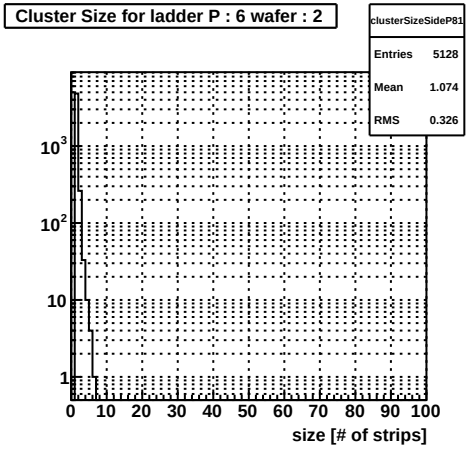

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7875
Mean 1.084
RMS 0.3475
size [# of strips]

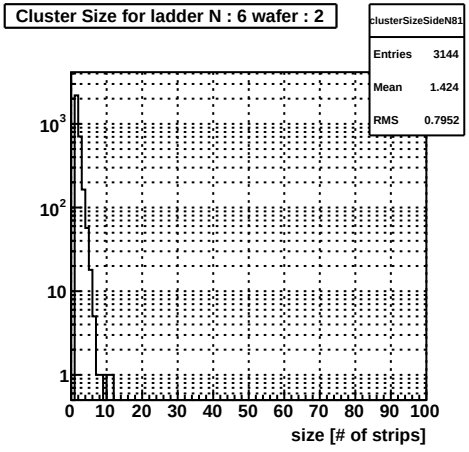

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5141
Mean 1.343
RMS 0.8759
size [# of strips]

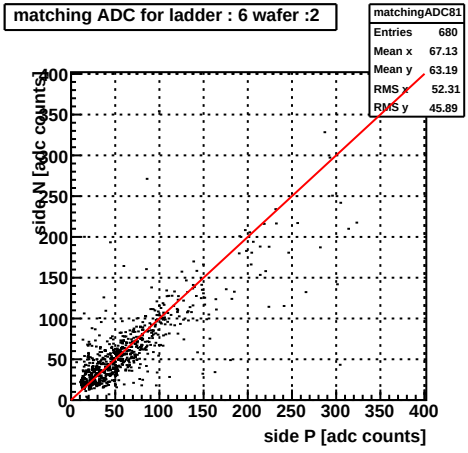

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1062
Mean x 59.07
Mean y 45.68
RMS x 56.95
RMS y 41.99
side N [adc counts]
side P [adc counts]

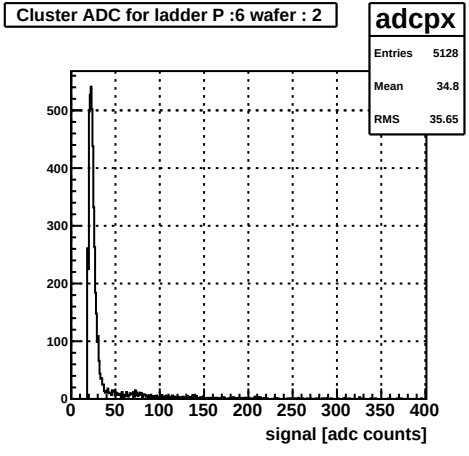

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7875
Mean 35.48
RMS 38.95
signal [adc counts]

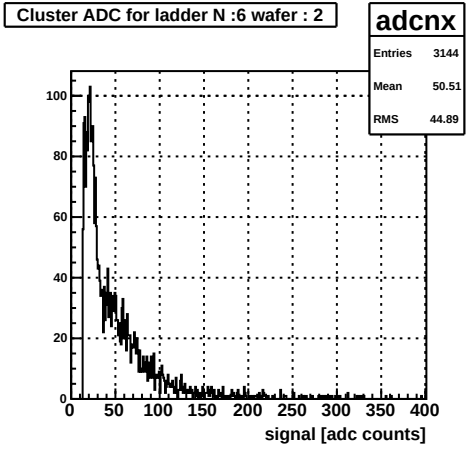

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5141
Mean 35.23
RMS 35.21
signal [adc counts]

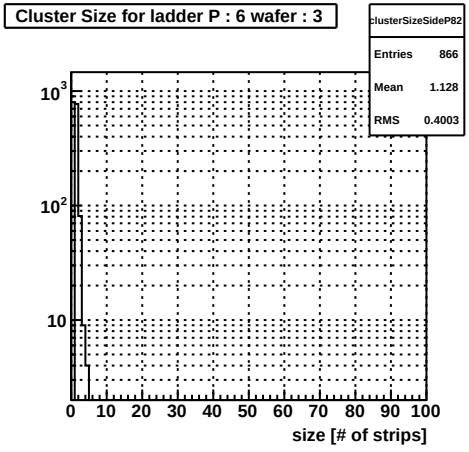

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5128
Mean 1.074
RMS 0.326
size [# of strips]

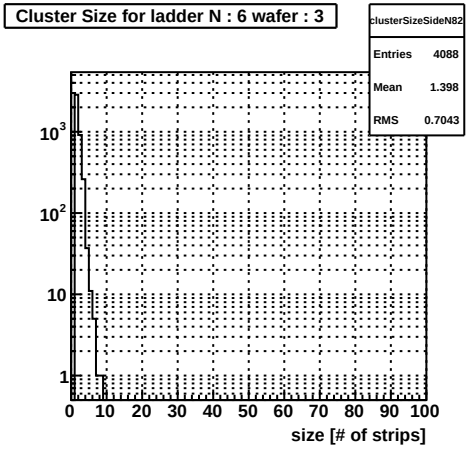

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3144
Mean 1.424
RMS 0.7952
size [# of strips]

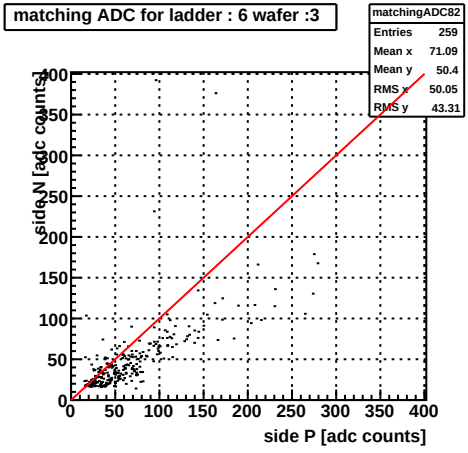

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 680
Mean x 67.13
Mean y 63.19
RMS x 52.31
RMS y 45.89
side N [adc counts]
side P [adc counts]

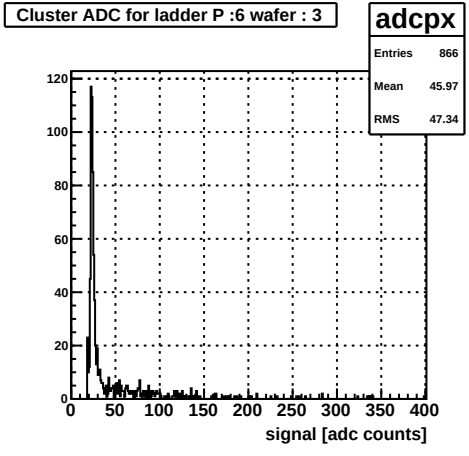

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5128
Mean 34.8
RMS 35.65
signal [adc counts]

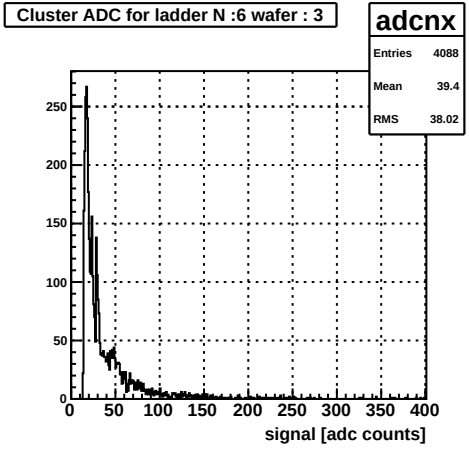

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3144
Mean 50.51
RMS 44.89
signal [adc counts]

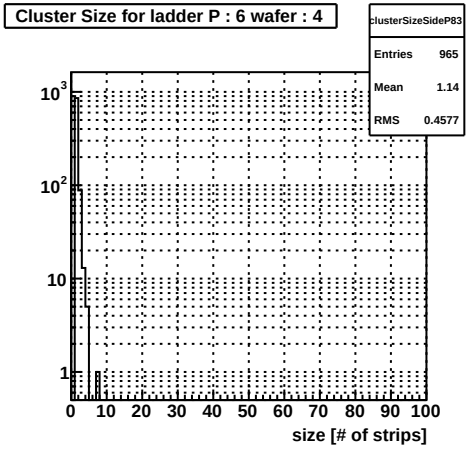

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 866
Mean 1.128
RMS 0.4003
size [# of strips]

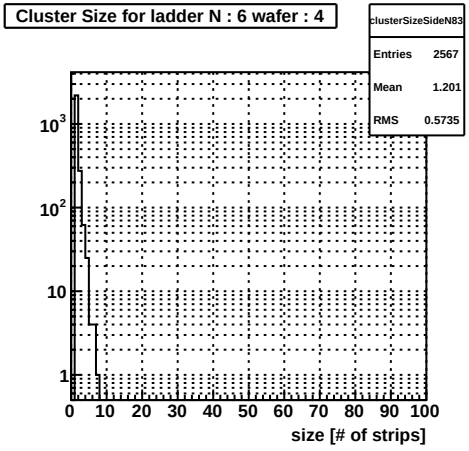

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4088
Mean 1.398
RMS 0.7043
size [# of strips]

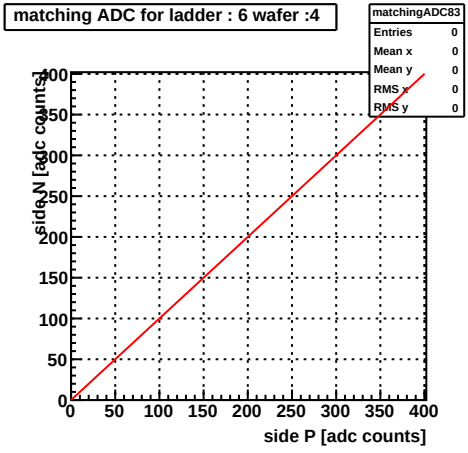

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 259
Mean x 71.09
Mean y 50.4
RMS x 50.05
RMS y 43.31
side N [adc counts]
side P [adc counts]

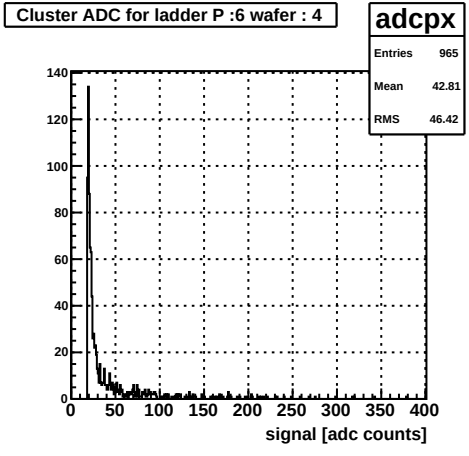

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 866
Mean 45.97
RMS 47.34
signal [adc counts]

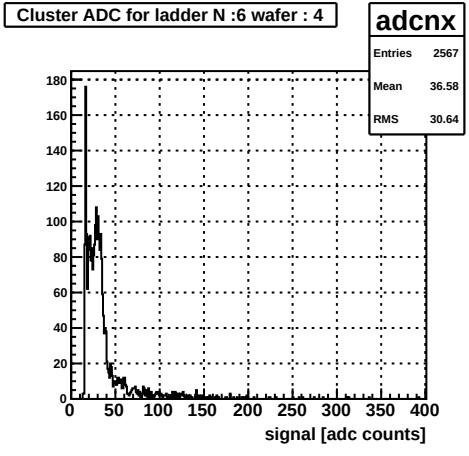

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4088
Mean 39.4
RMS 38.02
signal [adc counts]

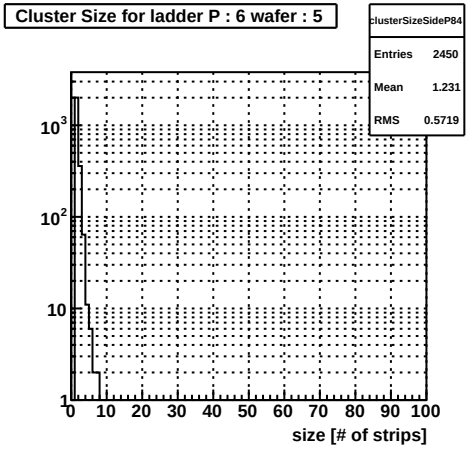

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 965
Mean 1.14
RMS 0.4577
size [# of strips]

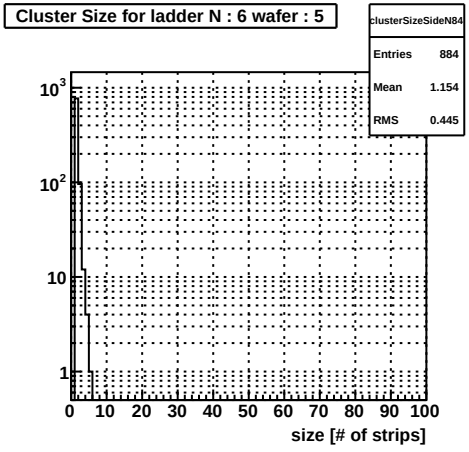

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2567
Mean 1.201
RMS 0.5735
size [# of strips]

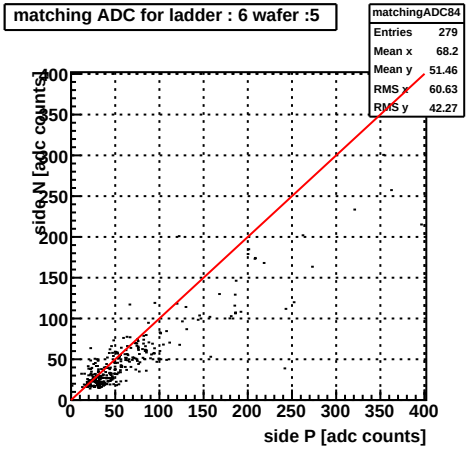

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

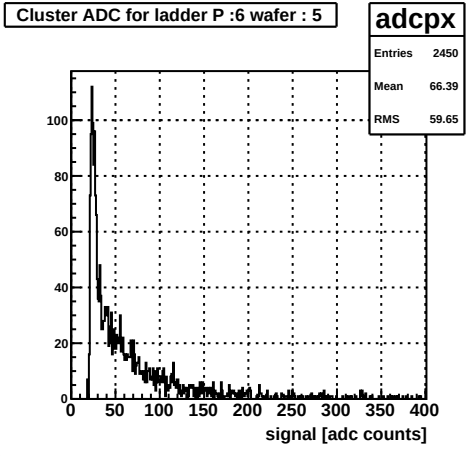

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 965
Mean 42.81
RMS 46.42
signal [adc counts]

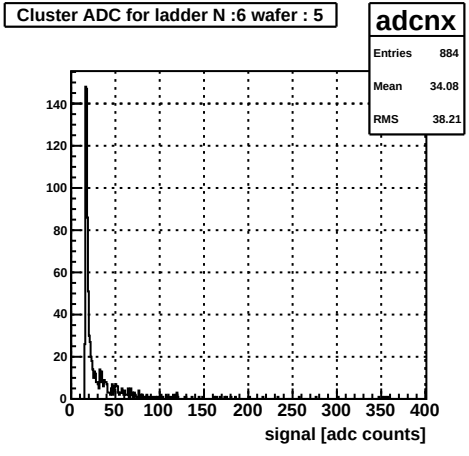

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2567
Mean 36.58
RMS 30.64
signal [adc counts]

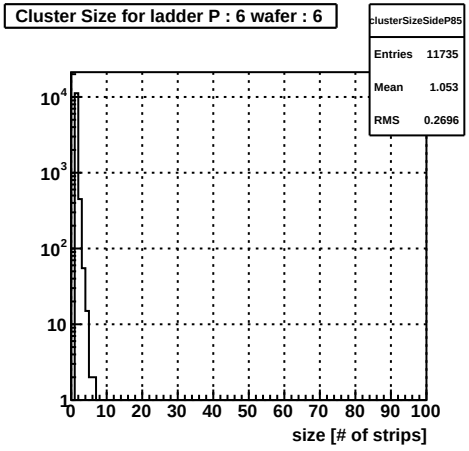

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2450
Mean 1.231
RMS 0.5719
size [# of strips]

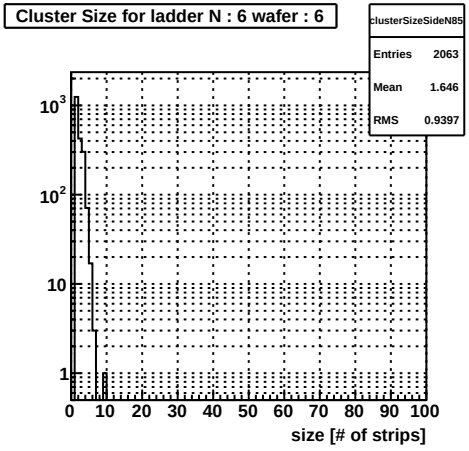

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 884
Mean 1.154
RMS 0.445
size [# of strips]

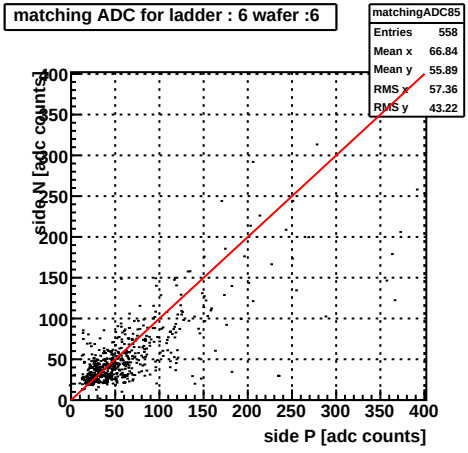

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 279
Mean x 68.2
Mean y 51.46
RMS x 60.63
RMS y 42.27
side N [adc counts]
side P [adc counts]

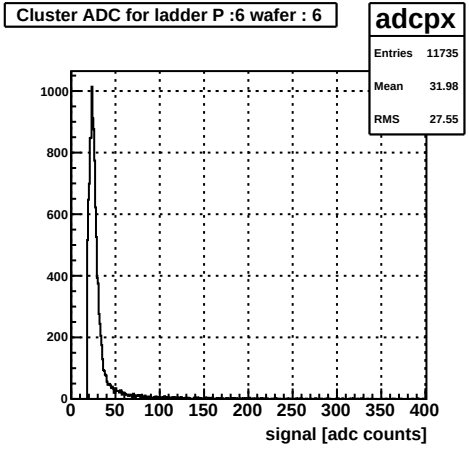

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2450
Mean 66.39
RMS 59.65
signal [adc counts]

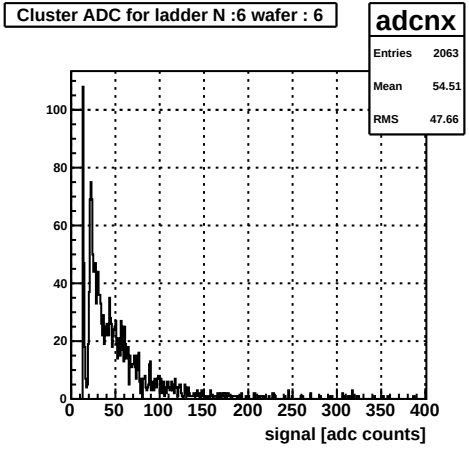

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 884
Mean 34.08
RMS 38.21
signal [adc counts]

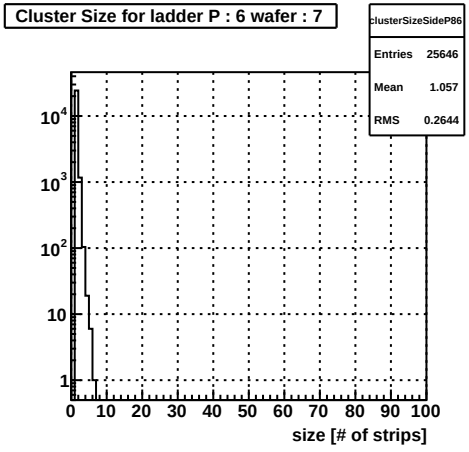

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 11735
Mean 1.053
RMS 0.2696
size [# of strips]

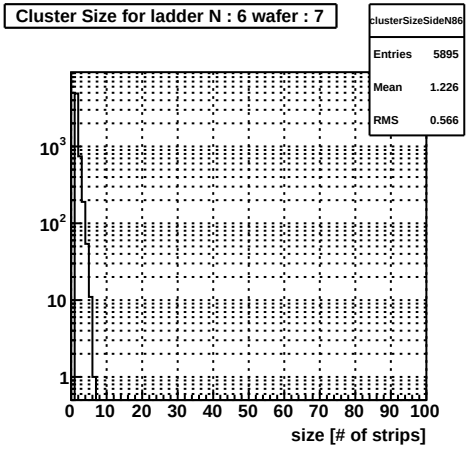

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2063
Mean 1.646
RMS 0.9397
size [# of strips]

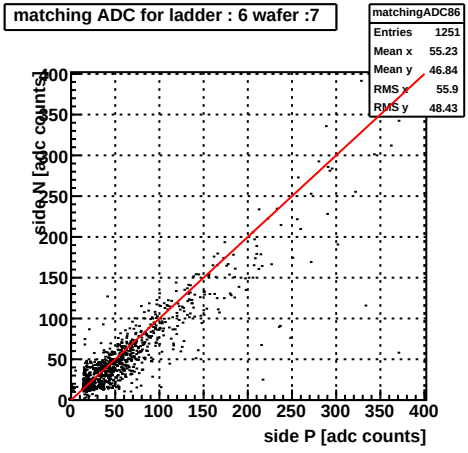

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 558
Mean x 66.84
Mean y 55.89
RMS x 57.36
RMS y 43.22
side N [adc counts]
side P [adc counts]

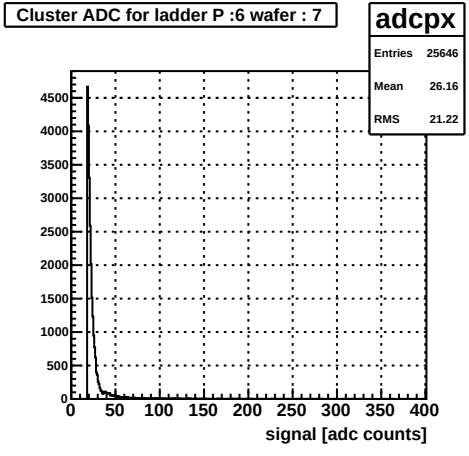

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 11735
Mean 31.98
RMS 27.55
signal [adc counts]

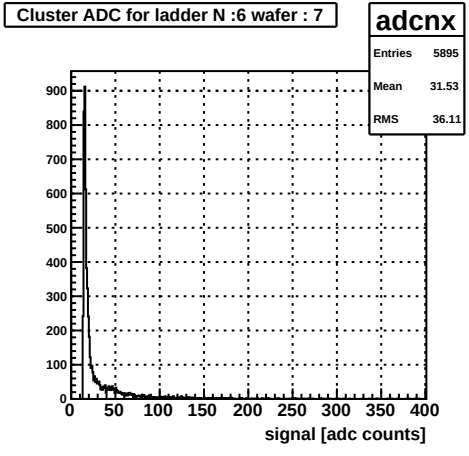

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2063
Mean 54.51
RMS 47.66
signal [adc counts]

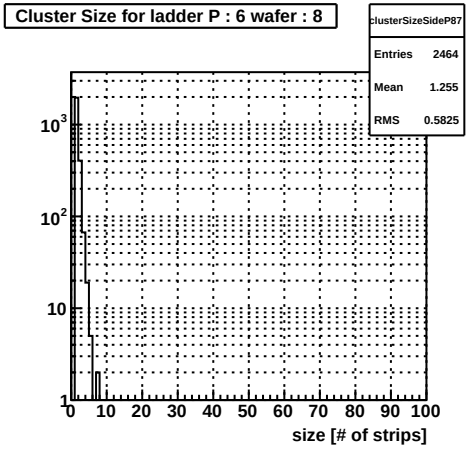

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 25646
Mean 1.057
RMS 0.2644
size [# of strips]

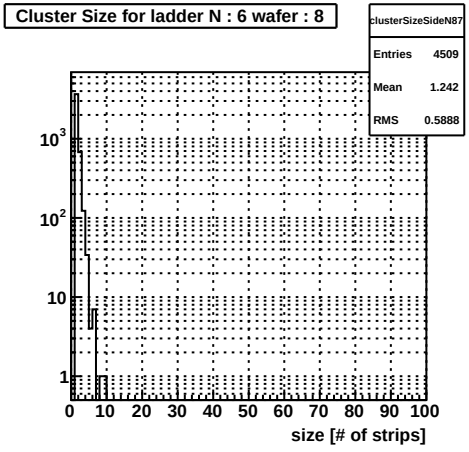

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 5895
Mean 1.226
RMS 0.566
size [# of strips]

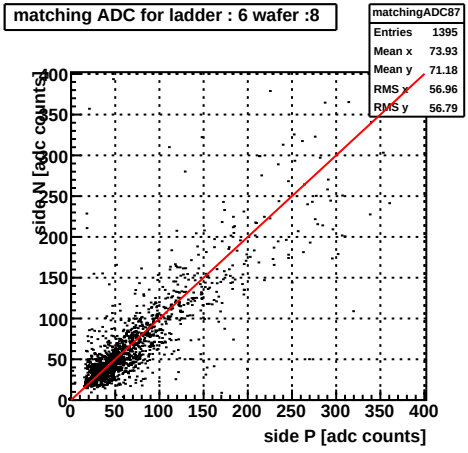

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1251
Mean x 55.23
Mean y 46.84
RMS x 55.9
RMS y 48.43
side N [adc counts]
side P [adc counts]

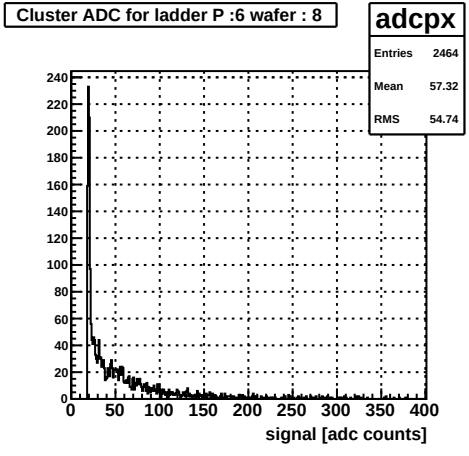

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 25646
Mean 26.16
RMS 21.22
signal [adc counts]

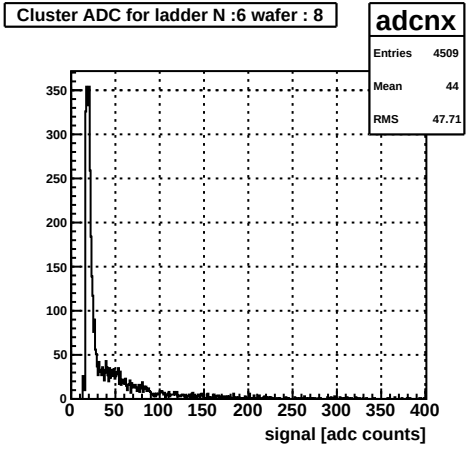

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 5895
Mean 31.53
RMS 36.11
signal [adc counts]

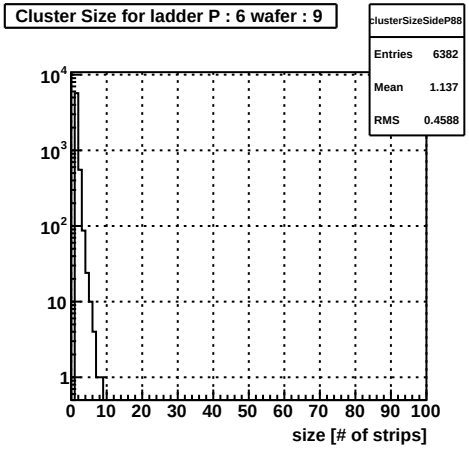

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2464
Mean 1.255
RMS 0.5825
size [# of strips]

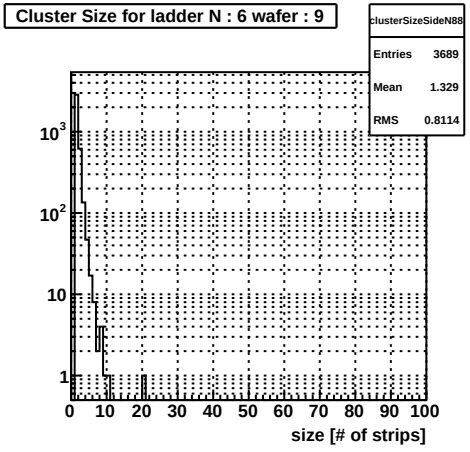

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4509
Mean 1.242
RMS 0.5888
size [# of strips]

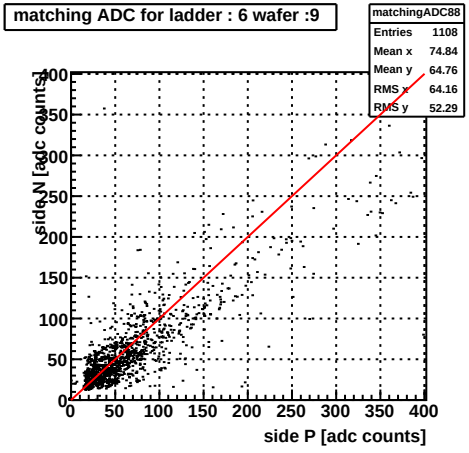

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1395
Mean x 73.93
Mean y 71.18
RMS x 56.96
RMS y 56.79
side N [adc counts]
side P [adc counts]

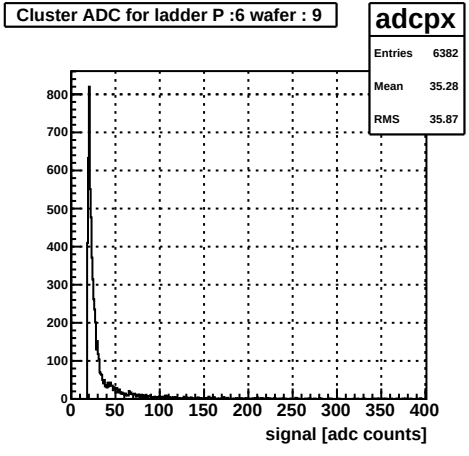

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2464
Mean 57.32
RMS 54.74
signal [adc counts]

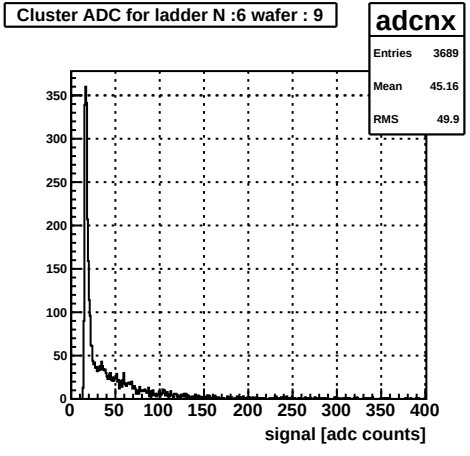

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4509
Mean 44
RMS 47.71
signal [adc counts]

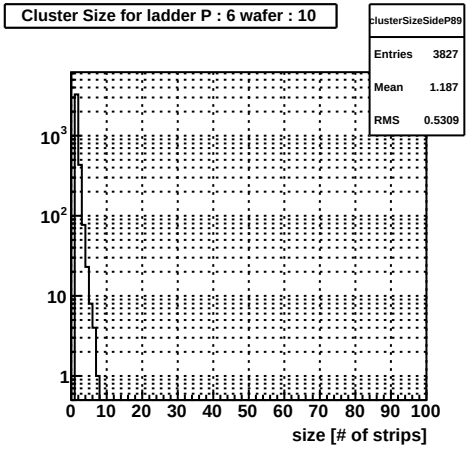

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6382
Mean 1.137
RMS 0.4588
size [# of strips]

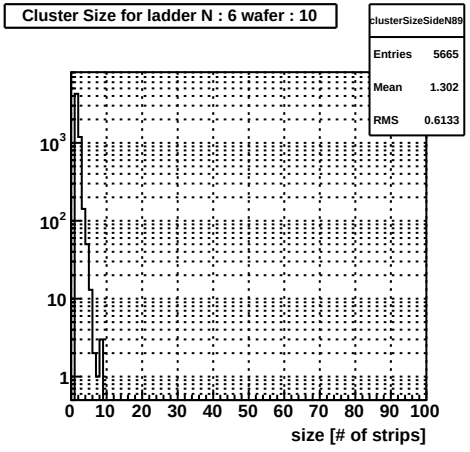

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3689
Mean 1.329
RMS 0.8114
size [# of strips]

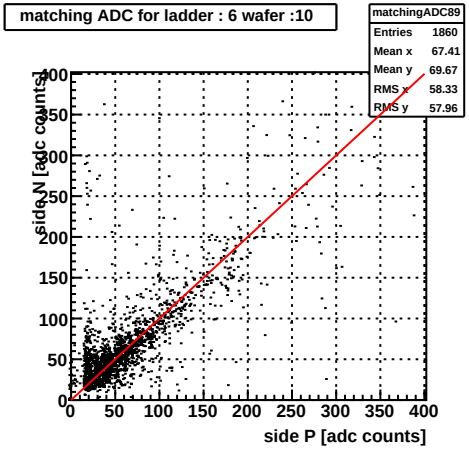

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1108
Mean x 74.84
Mean y 64.76
RMS x 64.16
RMS y 52.29
side N [adc counts]
side P [adc counts]

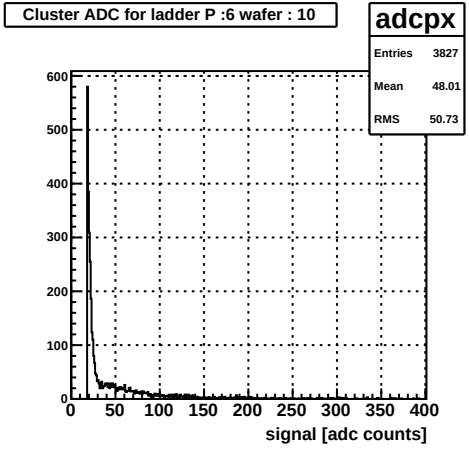

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6382
Mean 35.28
RMS 35.87
signal [adc counts]

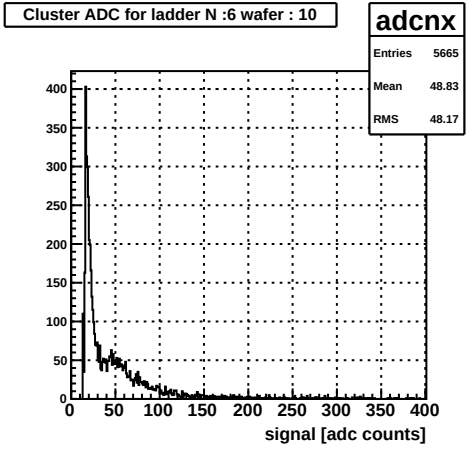

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3689
Mean 45.16
RMS 49.9
signal [adc counts]

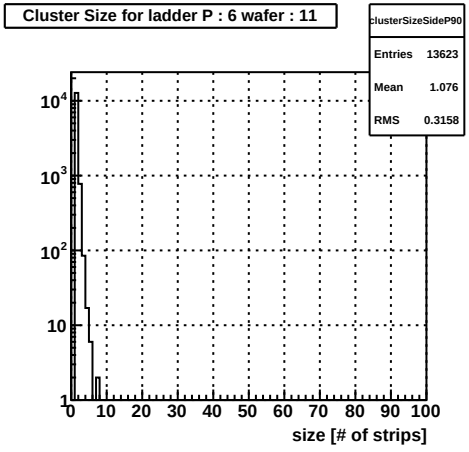

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3827
Mean 1.187
RMS 0.5309
size [# of strips]

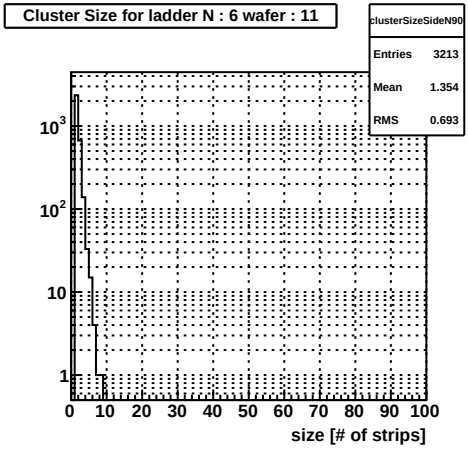

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5665
Mean 1.302
RMS 0.6133
size [# of strips]

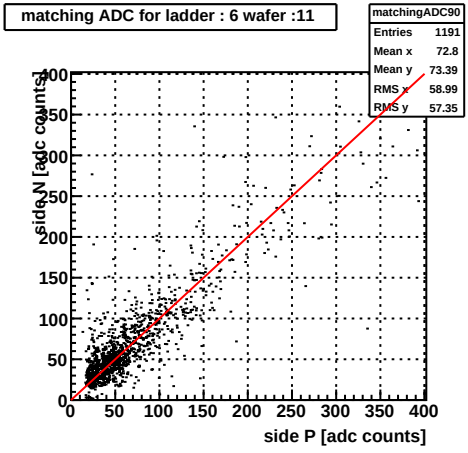

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1860
Mean x 67.41
Mean y 69.67
RMS x 58.33
RMS y 57.96
side N [adc counts]
side P [adc counts]

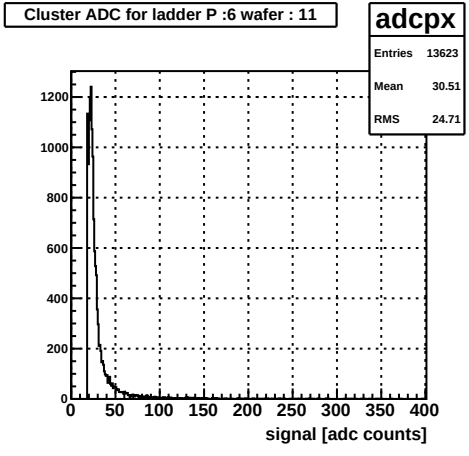

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3827
Mean 48.01
RMS 50.73
signal [adc counts]

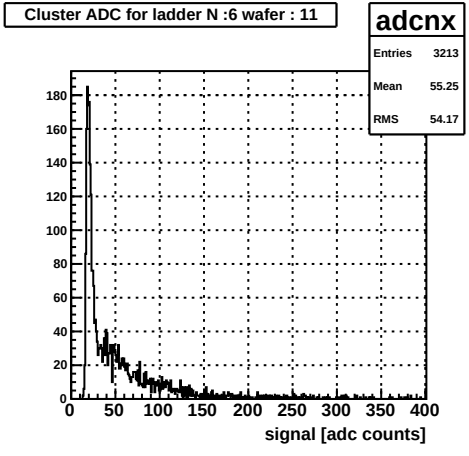

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5665
Mean 48.83
RMS 48.17
signal [adc counts]

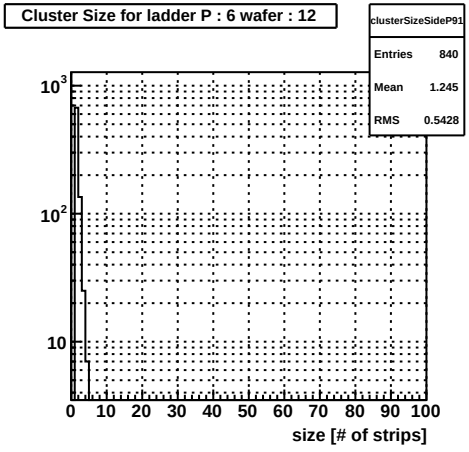

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 13623
Mean 1.076
RMS 0.3158
size [# of strips]

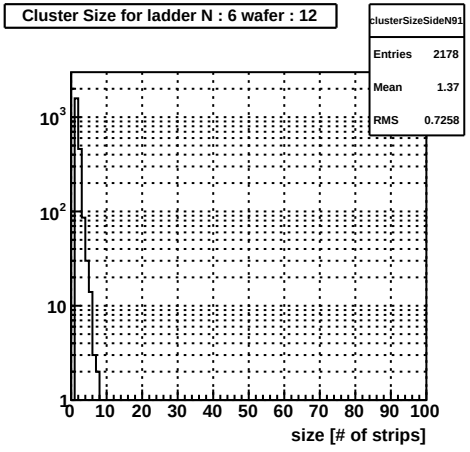

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3213
Mean 1.354
RMS 0.693
size [# of strips]

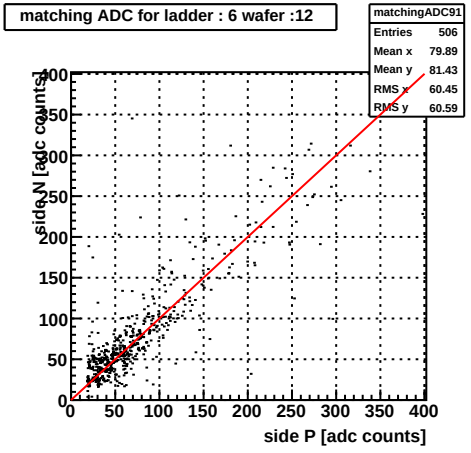

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1191
Mean x 72.8
Mean y 73.39
RMS x 58.99
RMS y 57.35
side N [adc counts]
side P [adc counts]

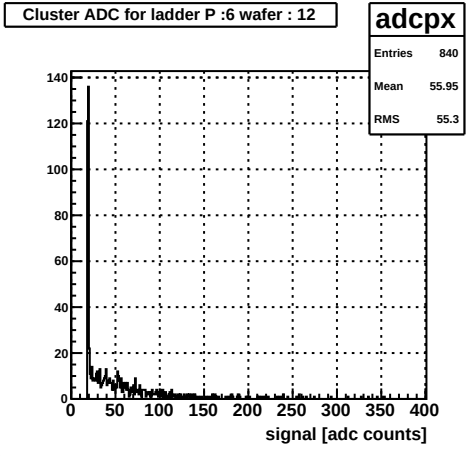

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 13623
Mean 30.51
RMS 24.71
signal [adc counts]

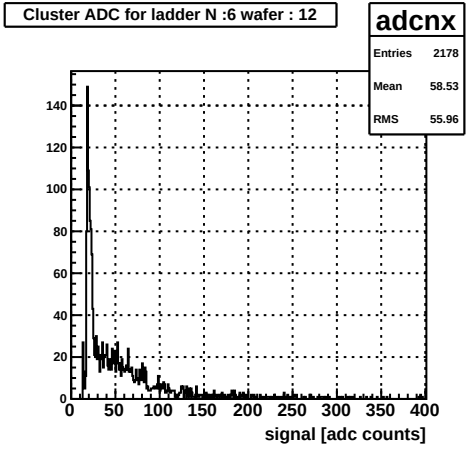

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3213
Mean 55.25
RMS 54.17
signal [adc counts]

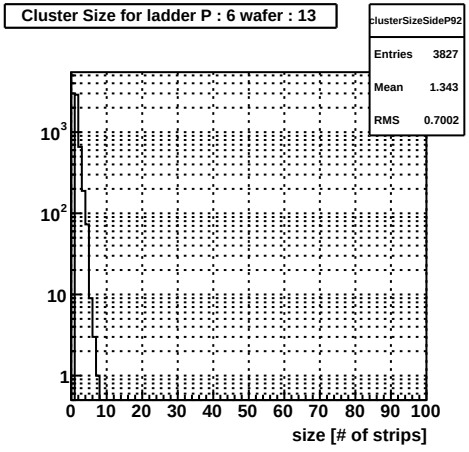

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 840
Mean 1.245
RMS 0.5428
size [# of strips]

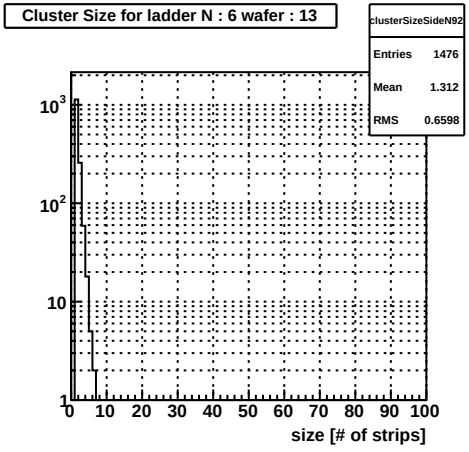

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2178
Mean 1.37
RMS 0.7258
size [# of strips]

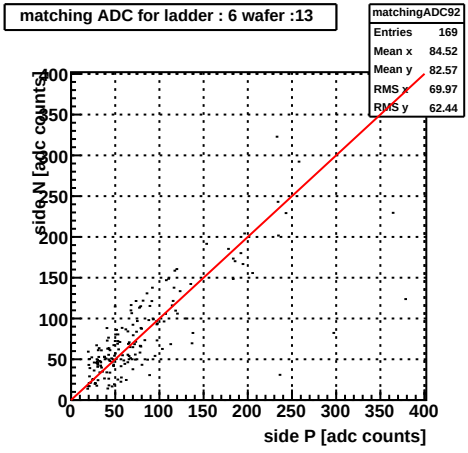

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 506
Mean x 79.89
Mean y 81.43
RMS x 60.45
RMS y 60.59
side N [adc counts]
side P [adc counts]

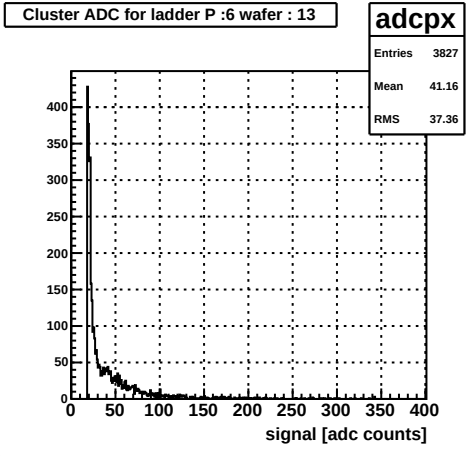

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 840
Mean 55.95
RMS 55.3
signal [adc counts]

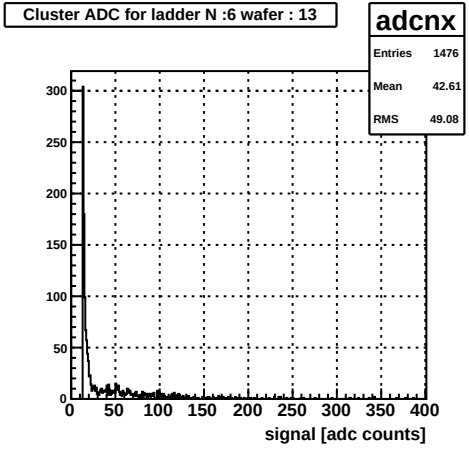

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2178
Mean 58.53
RMS 55.96
signal [adc counts]

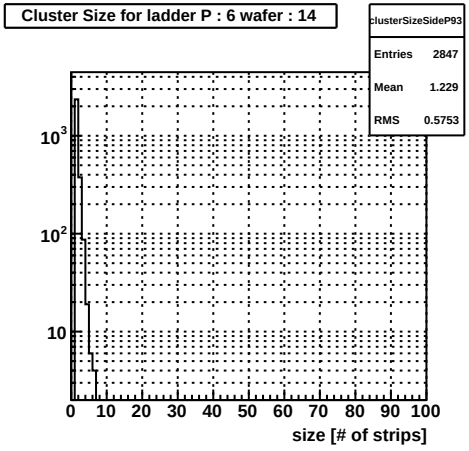

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 3827
Mean 1.343
RMS 0.7002
size [# of strips]

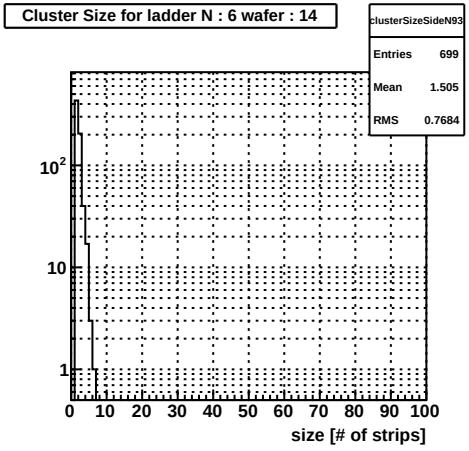

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1476
Mean 1.312
RMS 0.6598
size [# of strips]

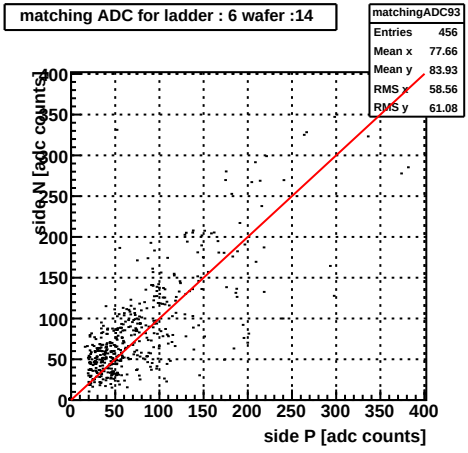

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 169
Mean x 84.52
Mean y 82.57
RMS x 69.97
RMS y 62.44
side N [adc counts]
side P [adc counts]

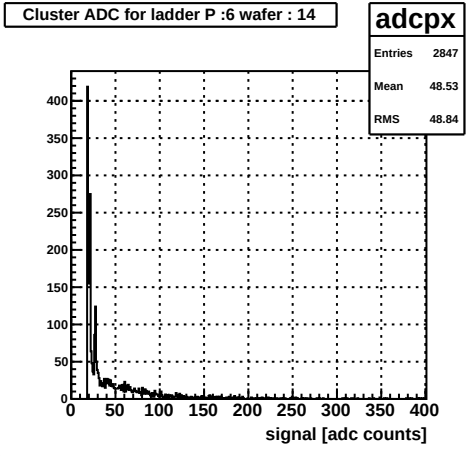

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 3827
Mean 41.16
RMS 37.36
signal [adc counts]

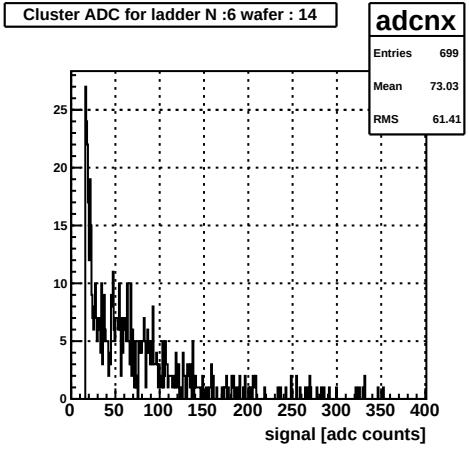

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1476
Mean 42.61
RMS 49.08
signal [adc counts]

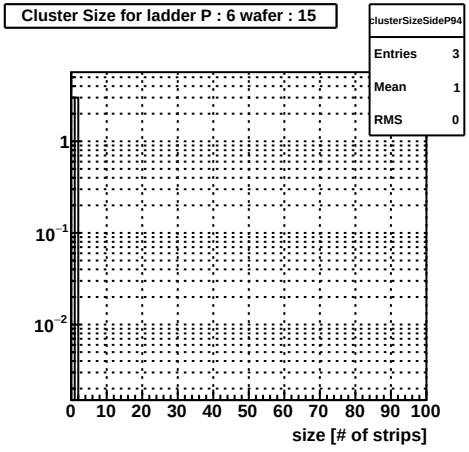

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2847
Mean 1.229
RMS 0.5753
size [# of strips]

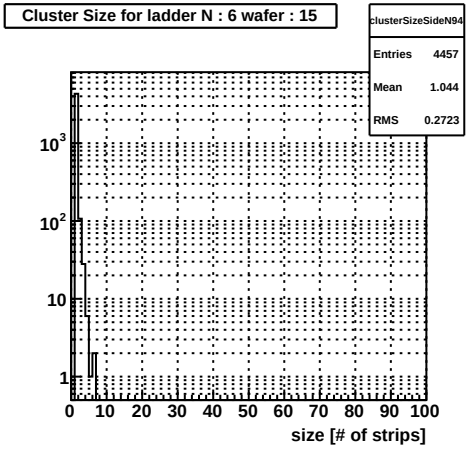

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 699
Mean 1.505
RMS 0.7684
size [# of strips]

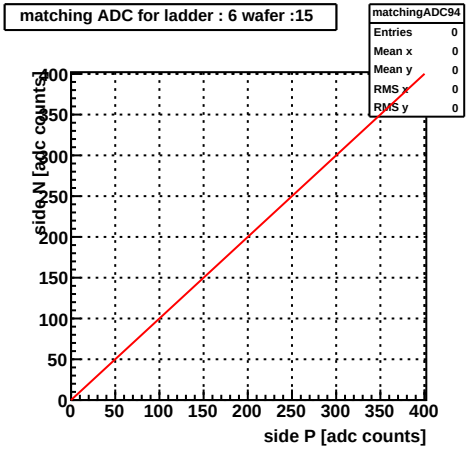

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 456
Mean x 77.66
Mean y 83.93
RMS x 58.56
RMS y 61.08
side N [adc counts]
side P [adc counts]

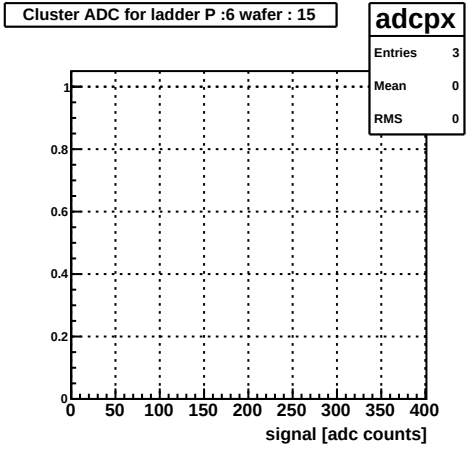

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2847
Mean 48.53
RMS 48.84
signal [adc counts]

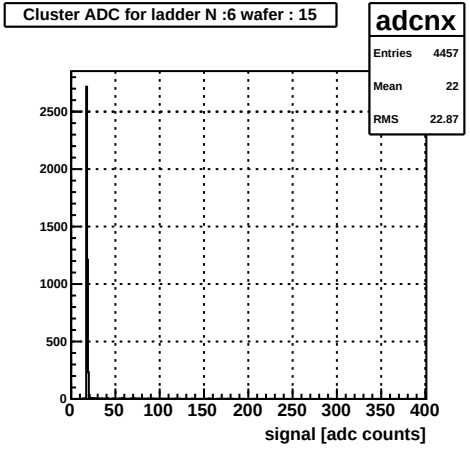

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 699
Mean 73.03
RMS 61.41
signal [adc counts]

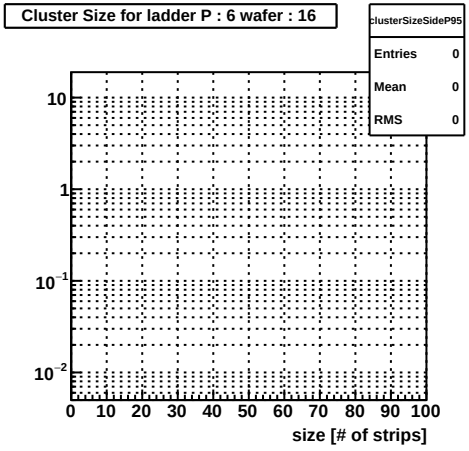

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

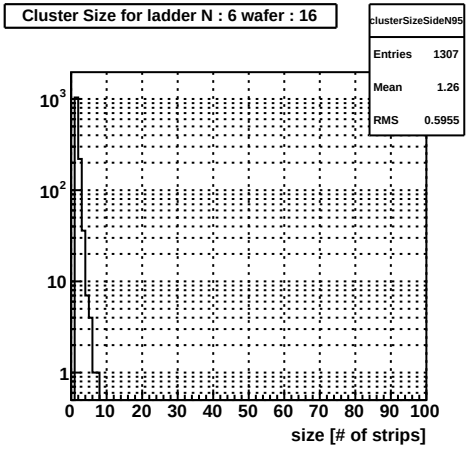

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4457
Mean 1.044
RMS 0.2723
size [# of strips]

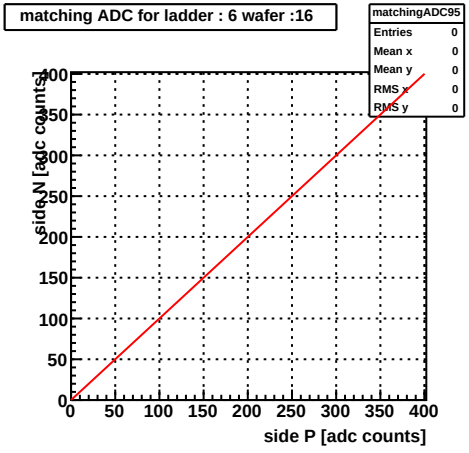

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

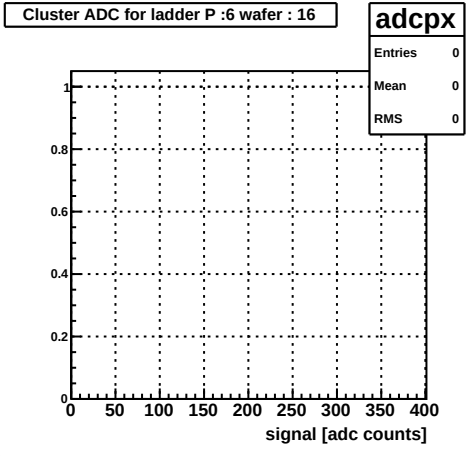

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

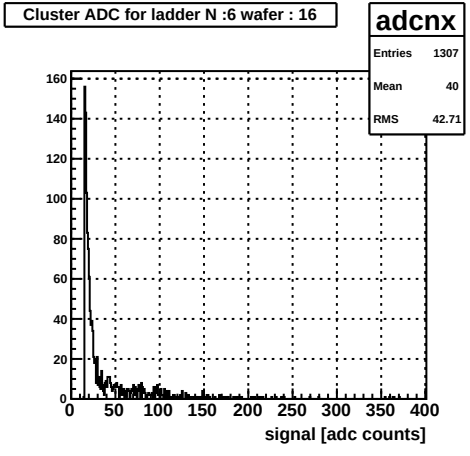

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4457
Mean 22
RMS 22.87
signal [adc counts]

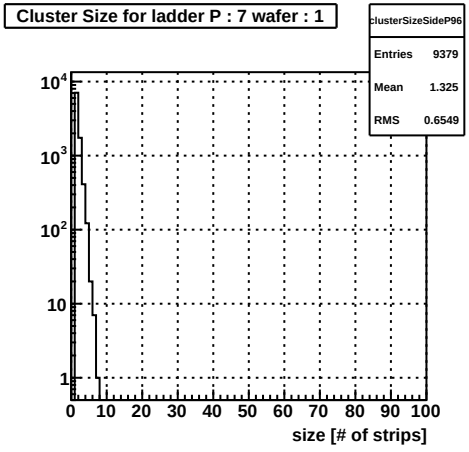

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

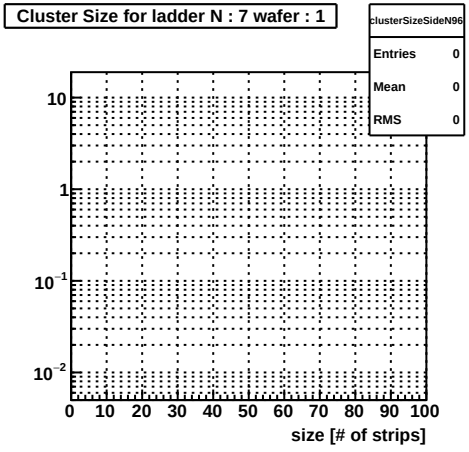

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1307
Mean 1.26
RMS 0.5955
size [# of strips]

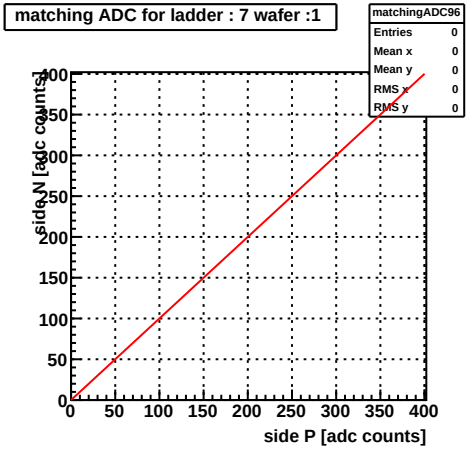

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

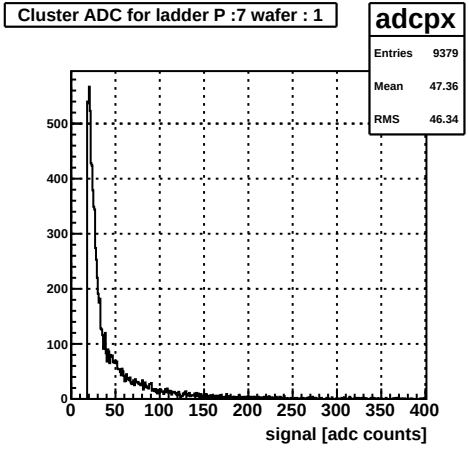

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

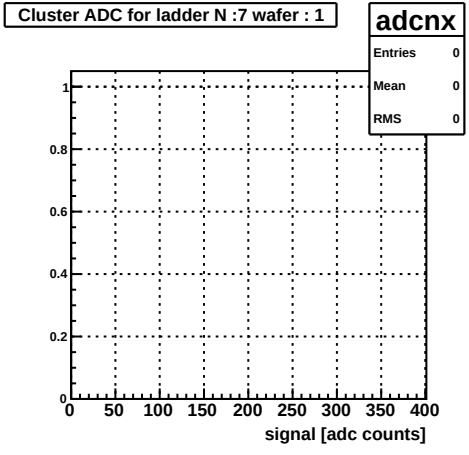

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1307
Mean 40
RMS 42.71
signal [adc counts]

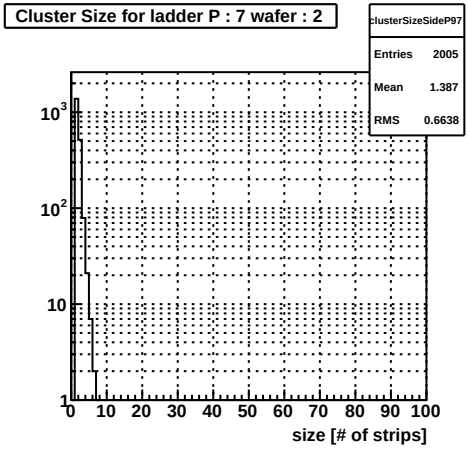

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9379
Mean 1.325
RMS 0.6549
size [# of strips]

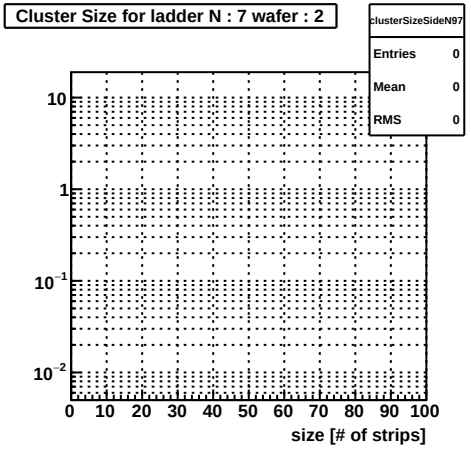

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

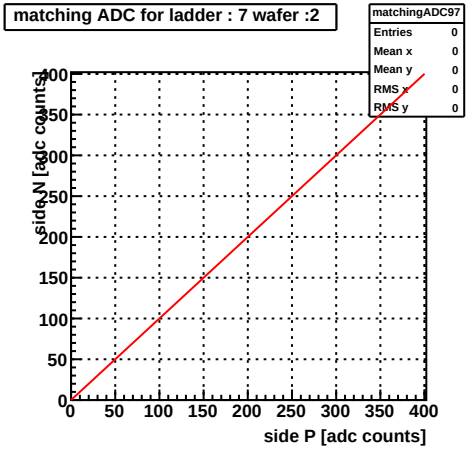

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

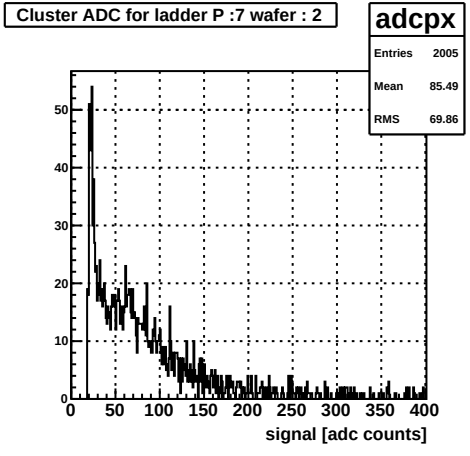

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9379
Mean 47.36
RMS 46.34
signal [adc counts]

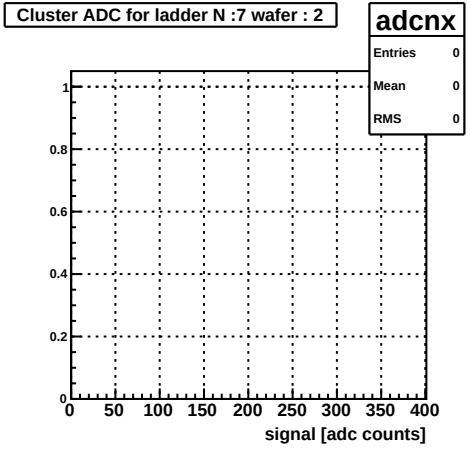

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

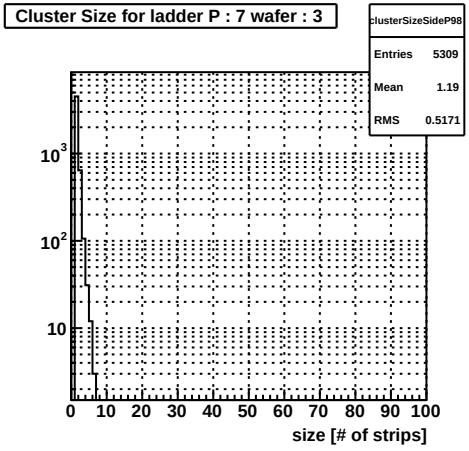

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2005
Mean 1.387
RMS 0.6638
size [# of strips]

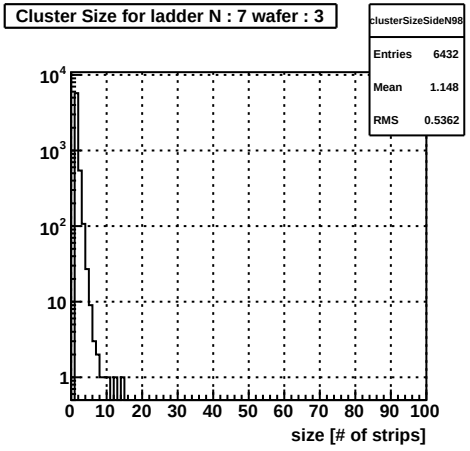

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

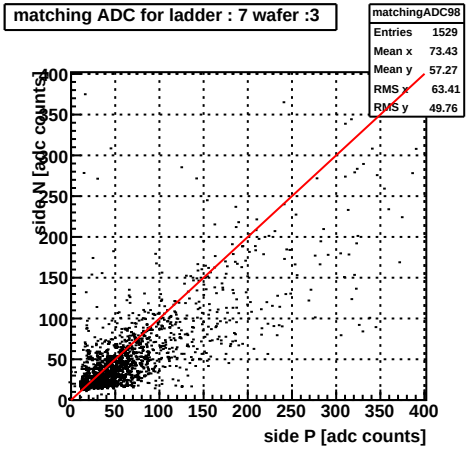

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

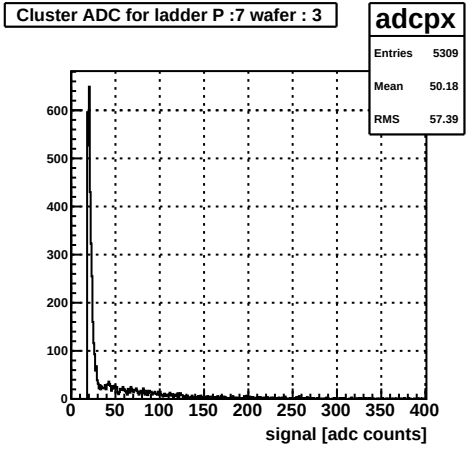

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2005
Mean 85.49
RMS 69.86
signal [adc counts]

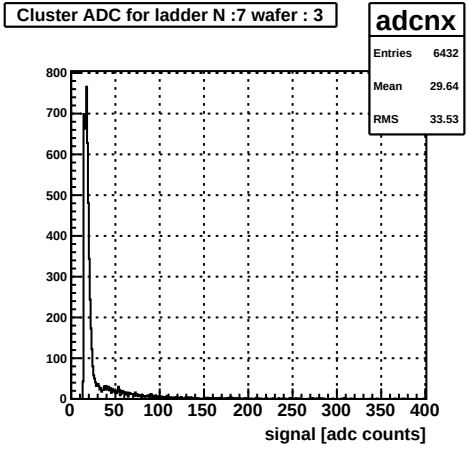

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

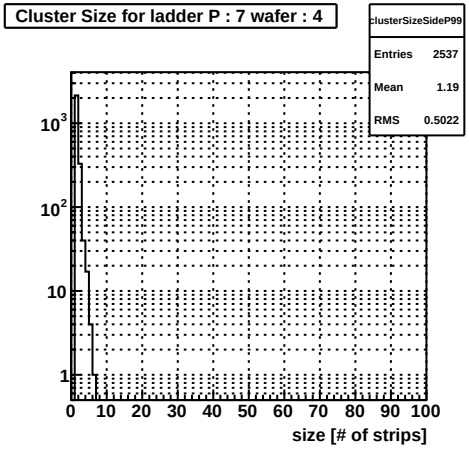

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5309
Mean 1.19
RMS 0.5171
size [# of strips]

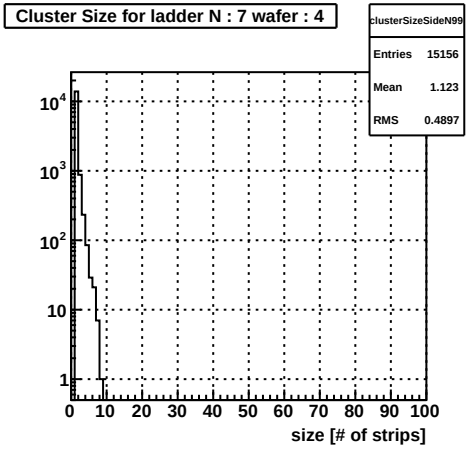

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 6432
Mean 1.148
RMS 0.5362
size [# of strips]

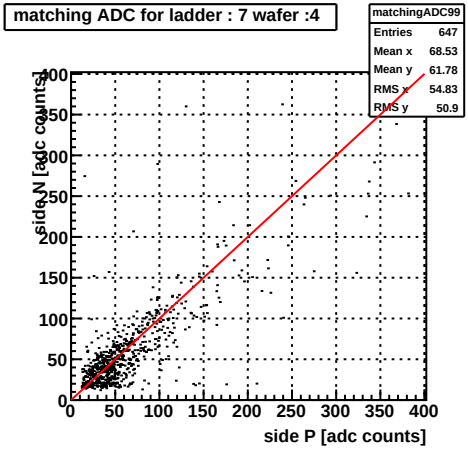

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1529
Mean x 73.43
Mean y 57.27
RMS x 63.41
RMS y 49.76
side N [adc counts]
side P [adc counts]

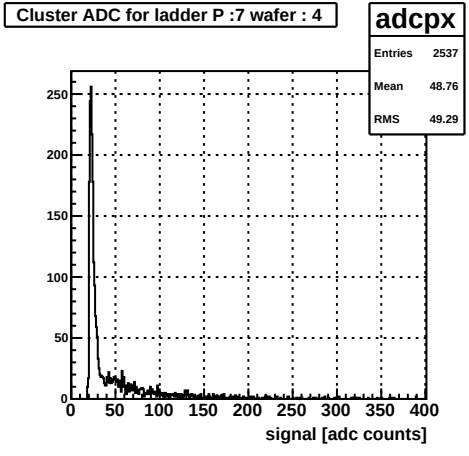

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5309
Mean 50.18
RMS 57.39
signal [adc counts]

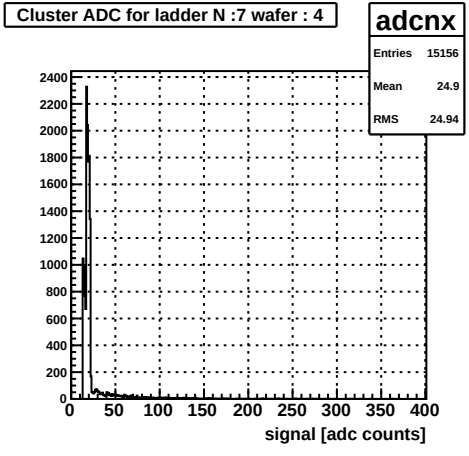

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 6432
Mean 29.64
RMS 33.53
signal [adc counts]

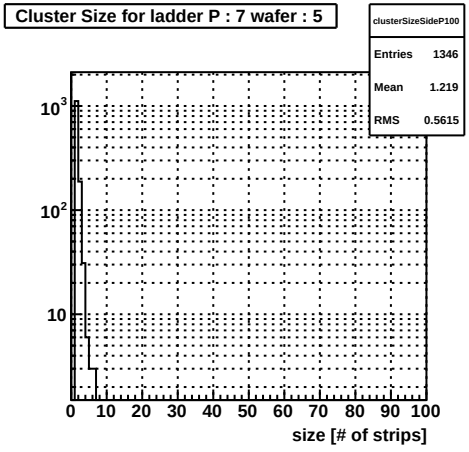

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2537
Mean 1.19
RMS 0.5022
size [# of strips]

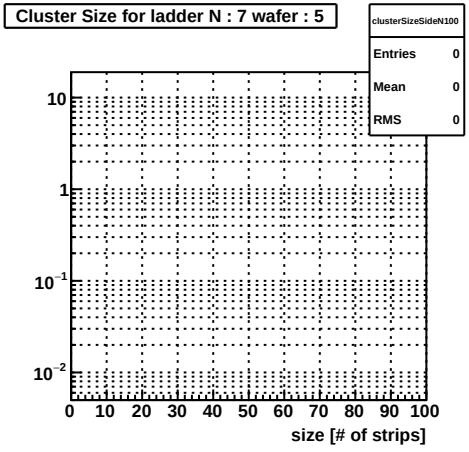

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 15156
Mean 1.123
RMS 0.4897
size [# of strips]

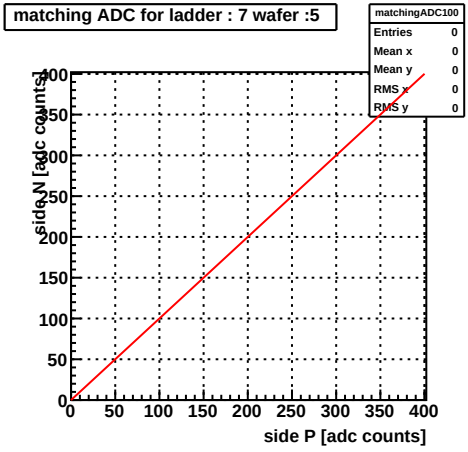

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 647
Mean x 68.53
Mean y 61.78
RMS x 54.83
RMS y 50.9
side N [adc counts]
side P [adc counts]

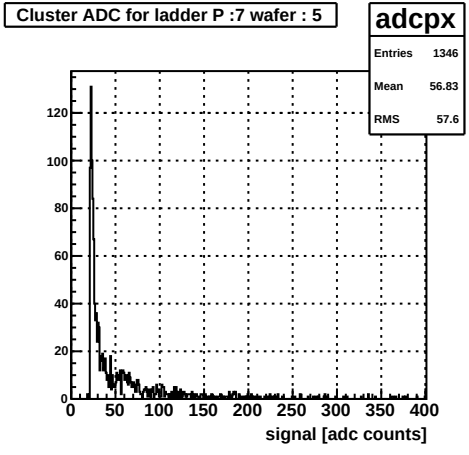

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2537
Mean 48.76
RMS 49.29
signal [adc counts]

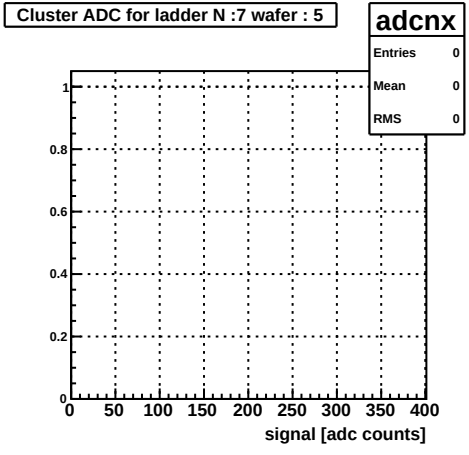

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 15156
Mean 24.9
RMS 24.94
signal [adc counts]

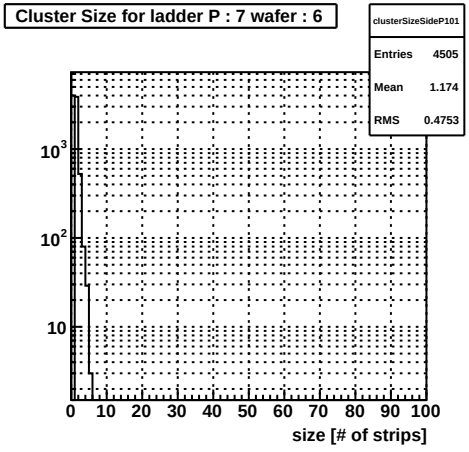

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1346
Mean 1.219
RMS 0.5615
size [# of strips]

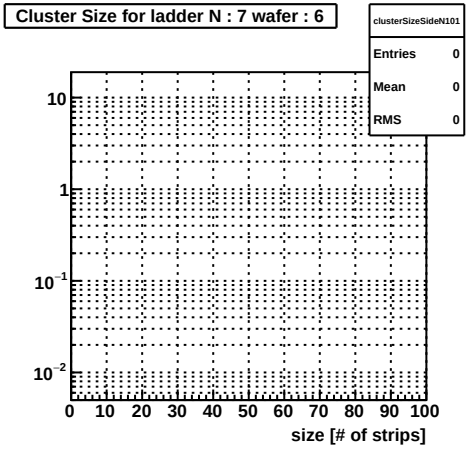

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

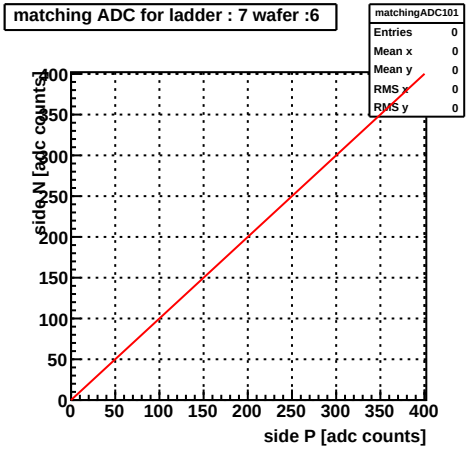

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

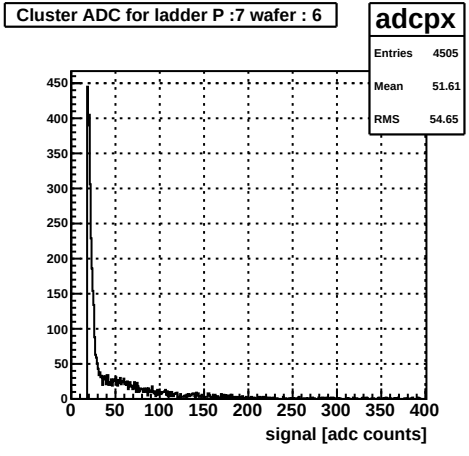

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1346
Mean 56.83
RMS 57.6
signal [adc counts]

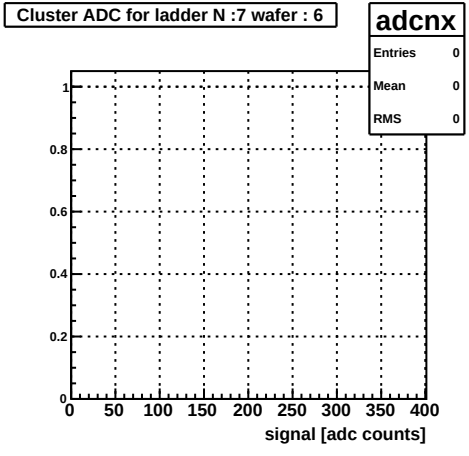

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

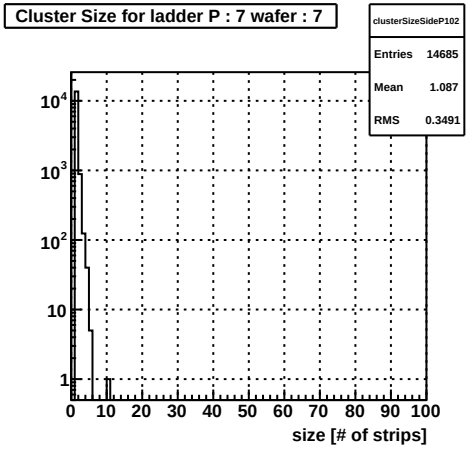

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4505
Mean 1.174
RMS 0.4753
size [# of strips]

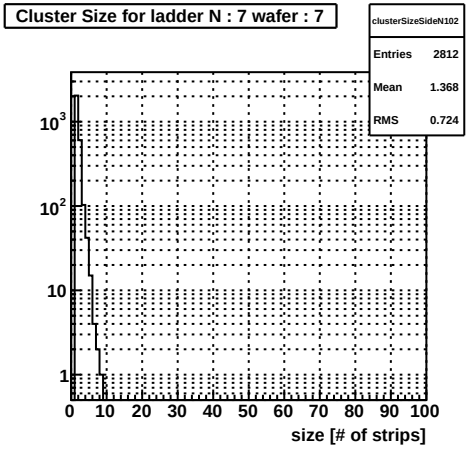

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

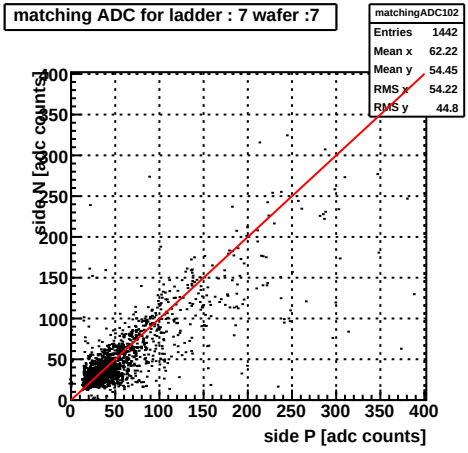

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

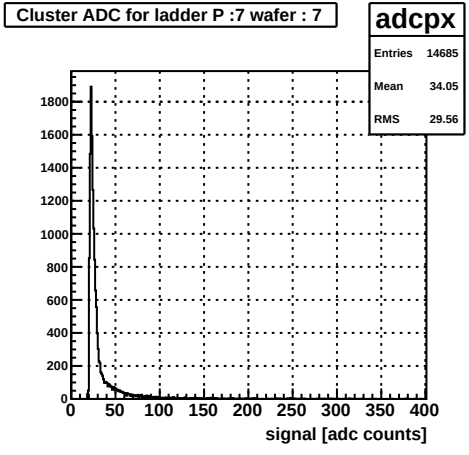

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4505
Mean 51.61
RMS 54.65
signal [adc counts]

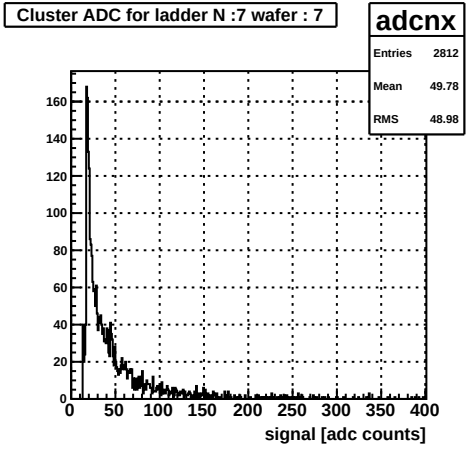

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

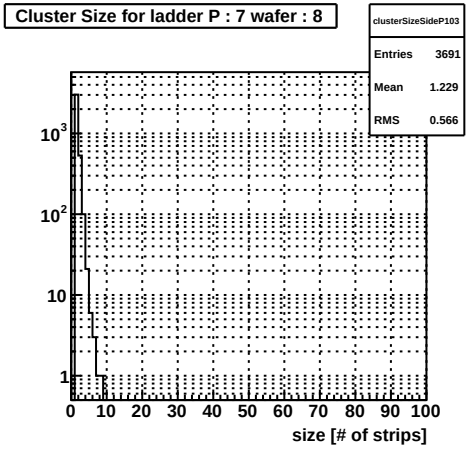

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14685
Mean 1.087
RMS 0.3491
size [# of strips]

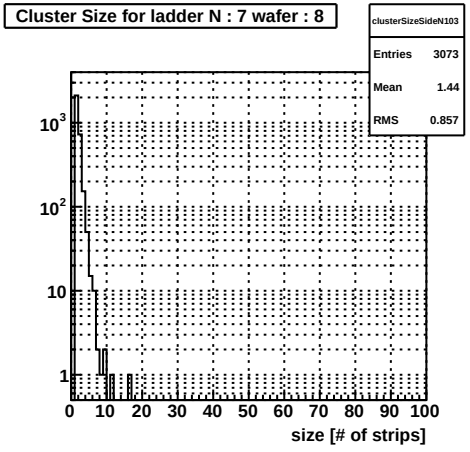

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2812
Mean 1.368
RMS 0.724
size [# of strips]

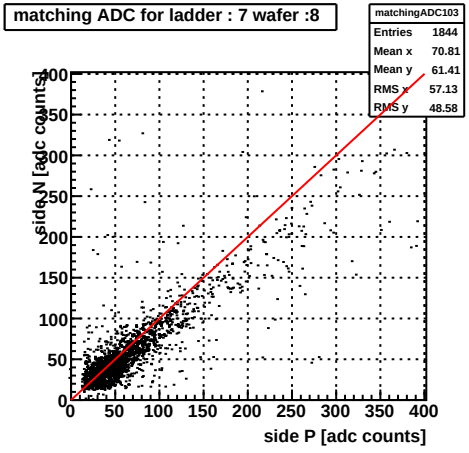

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1442
Mean x 62.22
Mean y 54.45
RMS x 54.22
RMS y 44.8
side N [adc counts]
side P [adc counts]

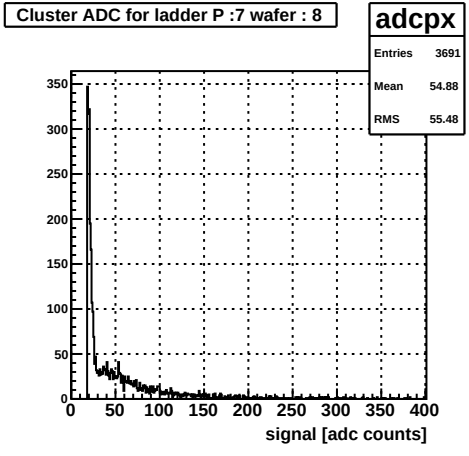

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14685
Mean 34.05
RMS 29.56
signal [adc counts]

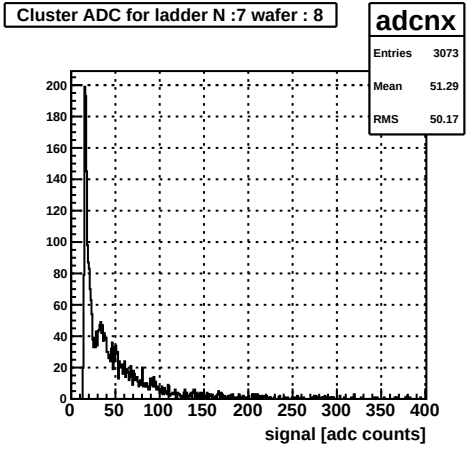

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2812
Mean 49.78
RMS 48.98
signal [adc counts]

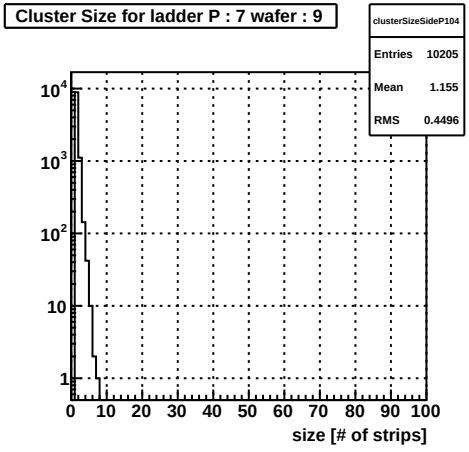

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3691
Mean 1.229
RMS 0.566
size [# of strips]

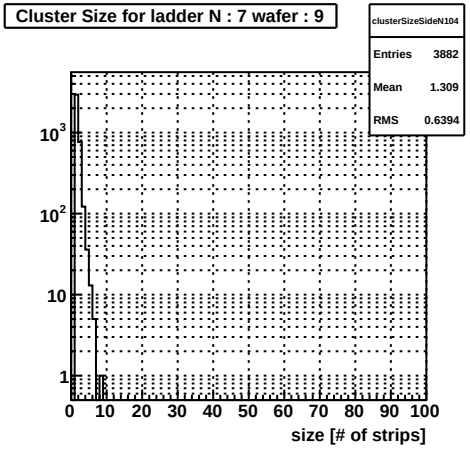

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3073
Mean 1.44
RMS 0.857
size [# of strips]

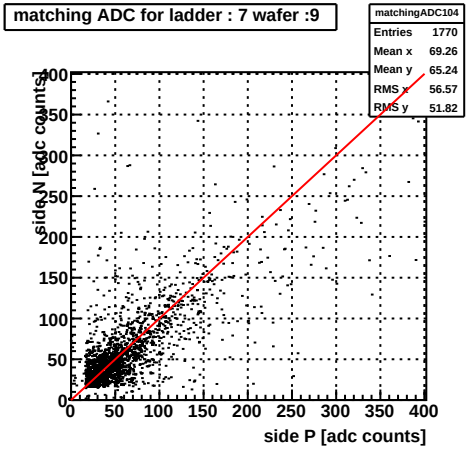

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1844
Mean x 70.81
Mean y 61.41
RMS x 57.13
RMS y 48.58
side N [adc counts]
side P [adc counts]

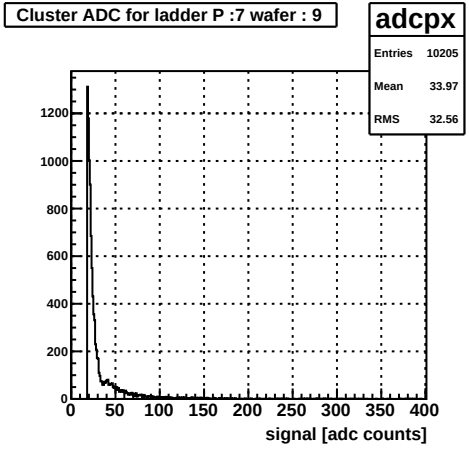

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3691
Mean 54.88
RMS 55.48
signal [adc counts]

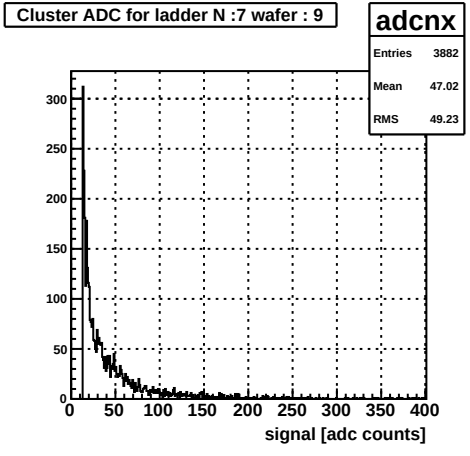

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3073
Mean 51.29
RMS 50.17
signal [adc counts]

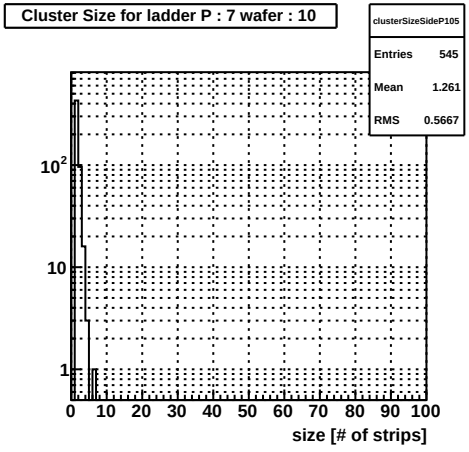

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10205
Mean 1.155
RMS 0.4496
size [# of strips]

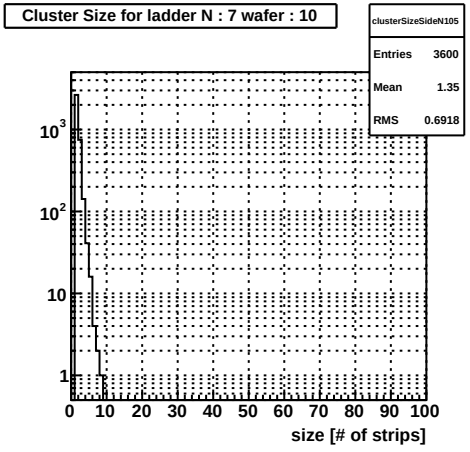

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3882
Mean 1.309
RMS 0.6394
size [# of strips]

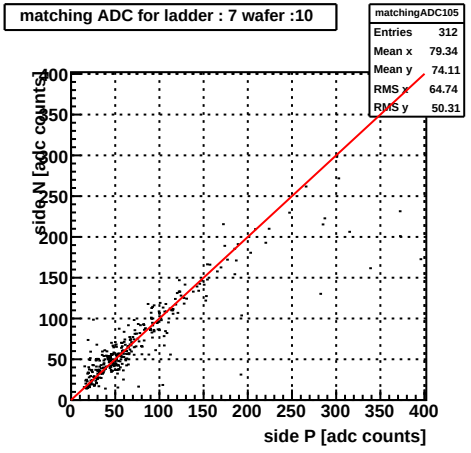

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1770
Mean x 69.26
Mean y 65.24
RMS x 56.57
RMS y 51.82
side N [adc counts]
side P [adc counts]

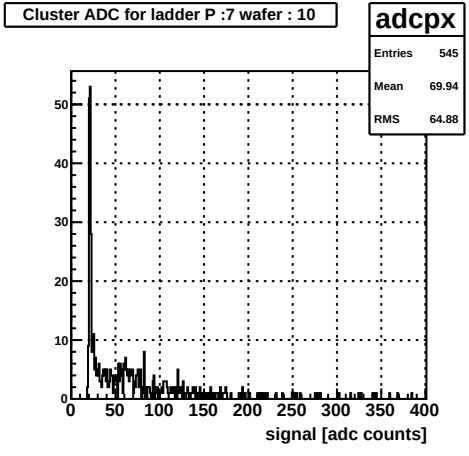

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10205
Mean 33.97
RMS 32.56
signal [adc counts]

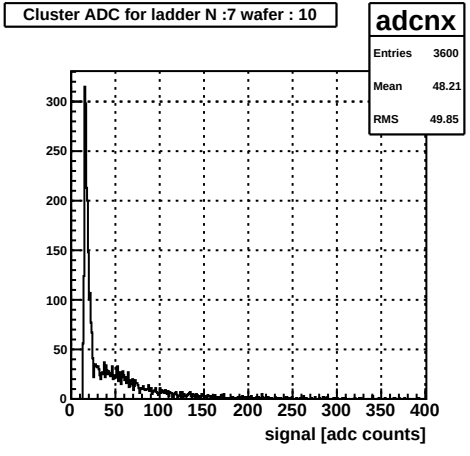

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3882
Mean 47.02
RMS 49.23
signal [adc counts]

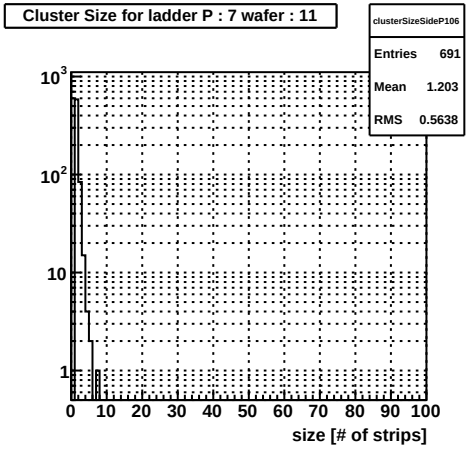

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 545
Mean 1.261
RMS 0.5667
size [# of strips]

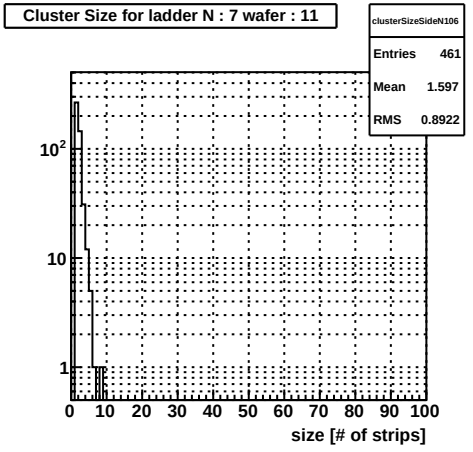

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3600
Mean 1.35
RMS 0.6918
size [# of strips]

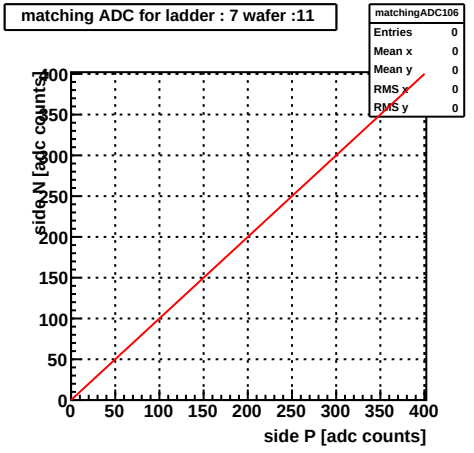

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 312
Mean x 79.34
Mean y 74.11
RMS x 64.74
RMS y 50.31
side N [adc counts]
side P [adc counts]

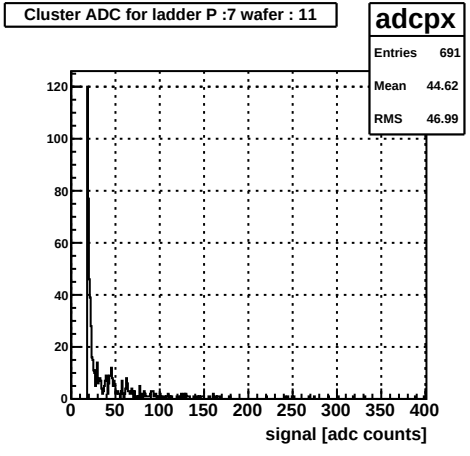

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 545
Mean 69.94
RMS 64.88
signal [adc counts]

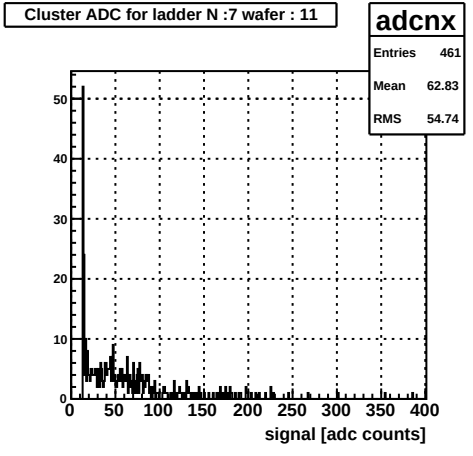

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3600
Mean 48.21
RMS 49.85
signal [adc counts]

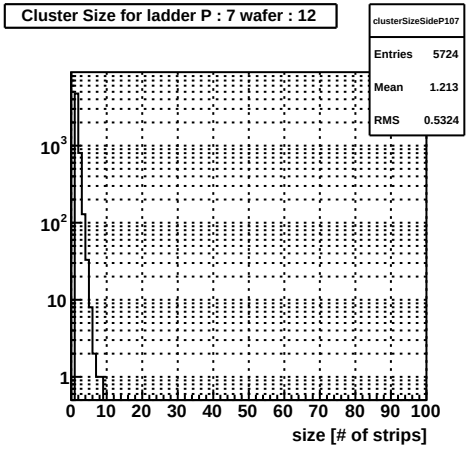

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 691
Mean 1.203
RMS 0.5638
size [# of strips]

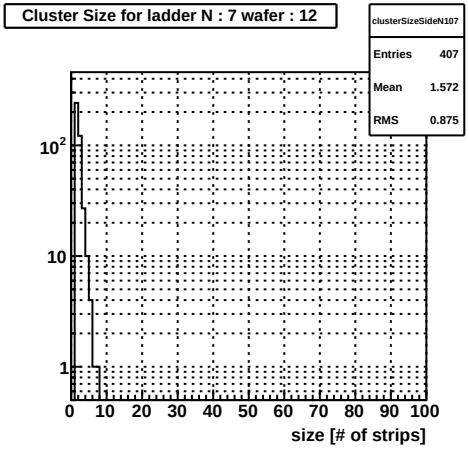

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 461
Mean 1.597
RMS 0.8922
size [# of strips]

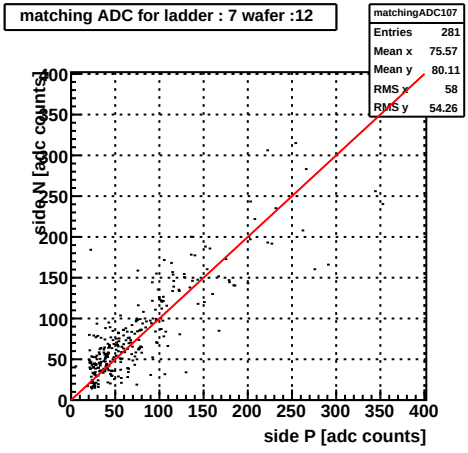

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

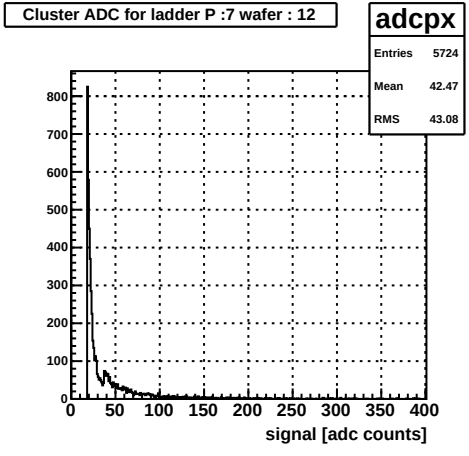

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 691
Mean 44.62
RMS 46.99
signal [adc counts]

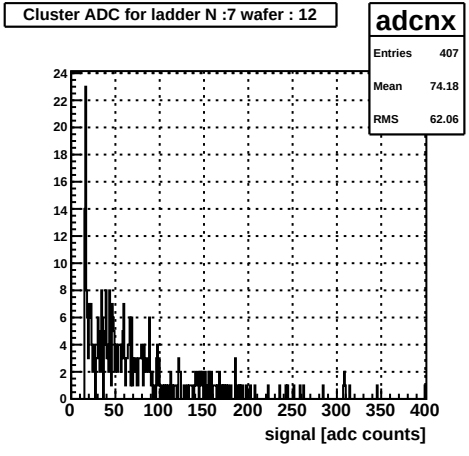

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 461
Mean 62.83
RMS 54.74
signal [adc counts]

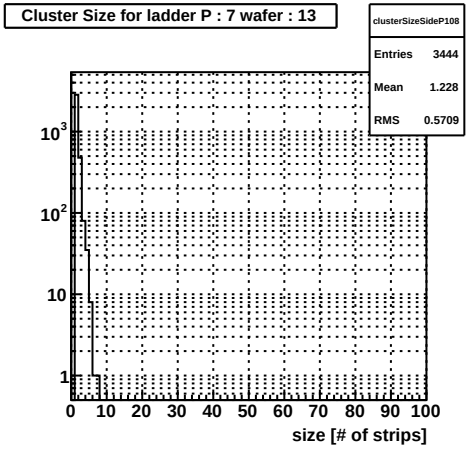

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5724
Mean 1.213
RMS 0.5324
size [# of strips]

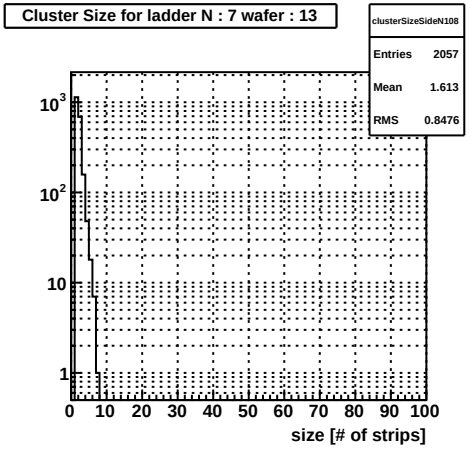

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 407
Mean 1.572
RMS 0.875
size [# of strips]

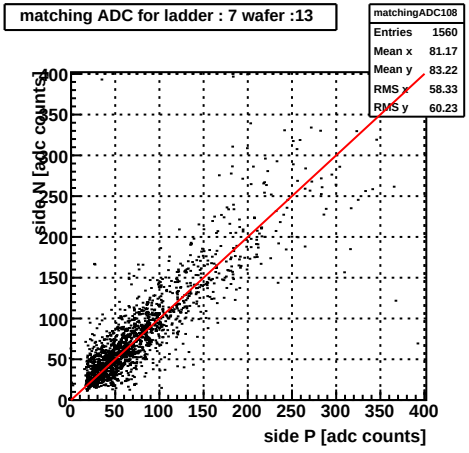

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 281
Mean x 75.57
Mean y 80.11
RMS x 58
RMS y 54.26
side N [adc counts]
side P [adc counts]

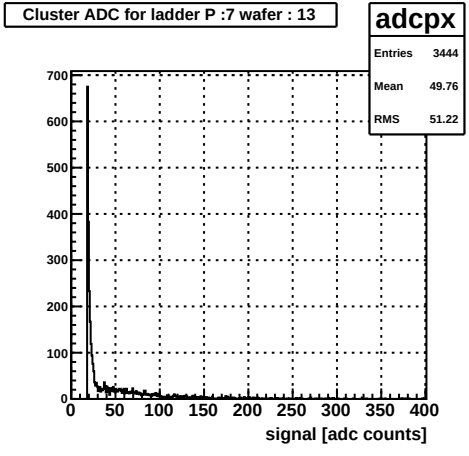

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5724
Mean 42.47
RMS 43.08
signal [adc counts]

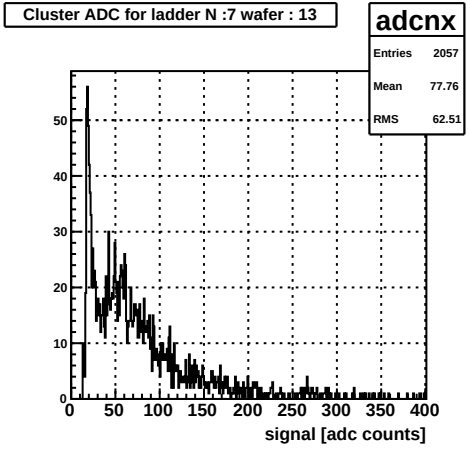

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 407
Mean 74.18
RMS 62.06
signal [adc counts]

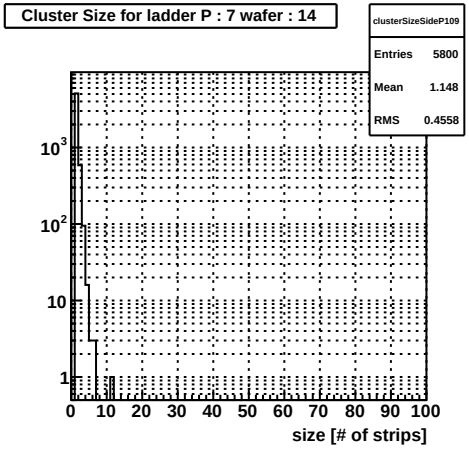

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3444
Mean 1.228
RMS 0.5709
size [# of strips]

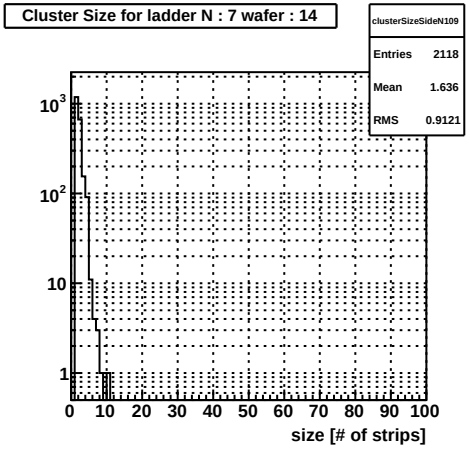

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2057
Mean 1.613
RMS 0.8476
size [# of strips]

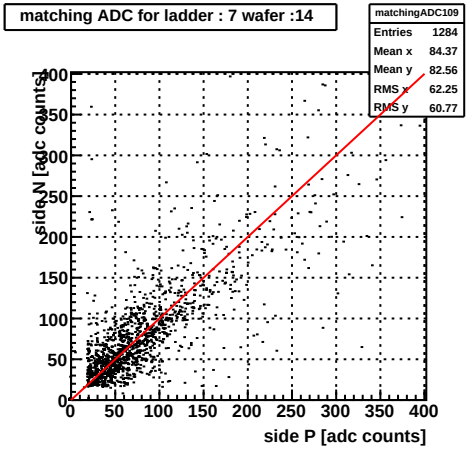

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1560
Mean x 81.17
Mean y 83.22
RMS x 58.33
RMS y 60.23
side N [adc counts]
side P [adc counts]

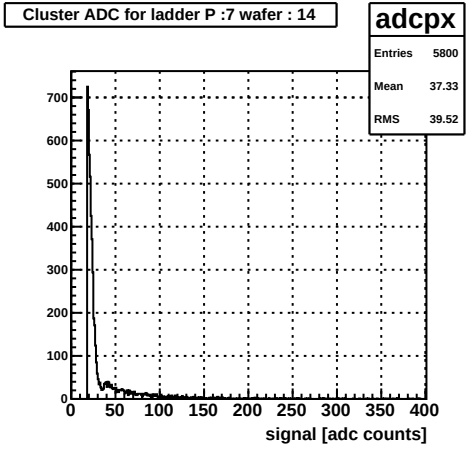

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3444
Mean 49.76
RMS 51.22
signal [adc counts]

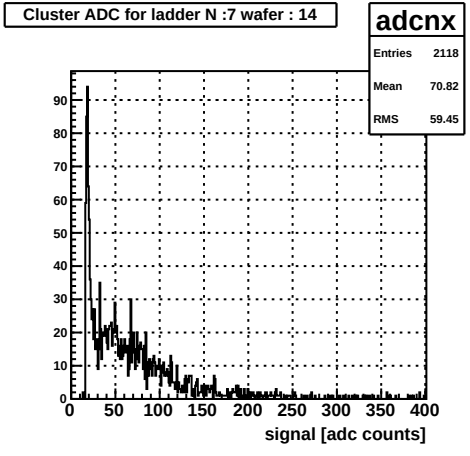

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2057
Mean 77.76
RMS 62.51
signal [adc counts]

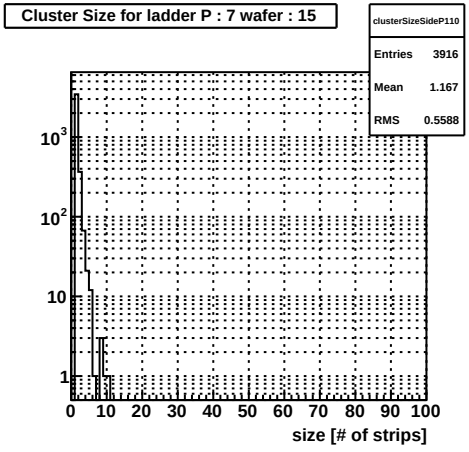

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5800
Mean 1.148
RMS 0.4558
size [# of strips]

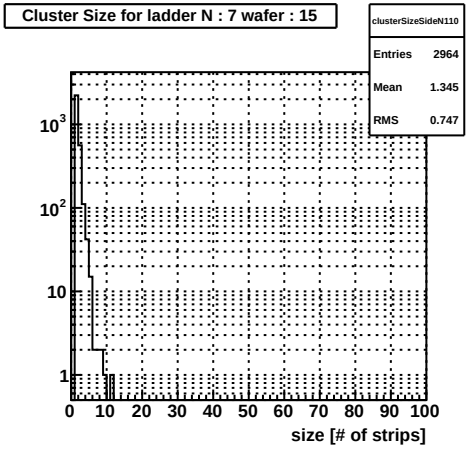

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2118
Mean 1.636
RMS 0.9121
size [# of strips]

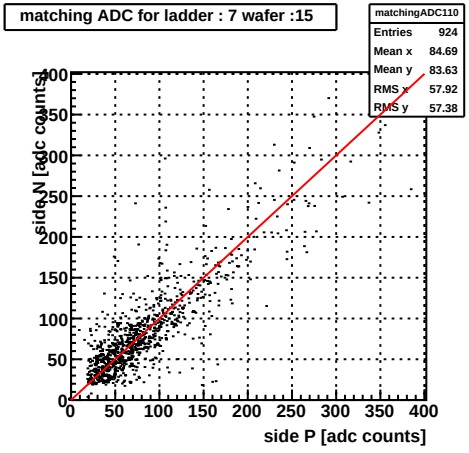

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1284
Mean x 84.37
Mean y 82.56
RMS x 62.25
RMS y 60.77
side N [adc counts]
side P [adc counts]

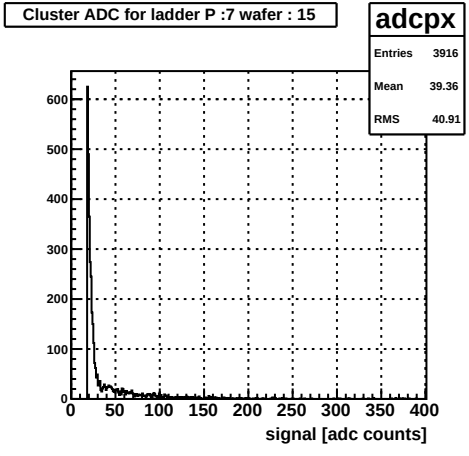

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5800
Mean 37.33
RMS 39.52
signal [adc counts]

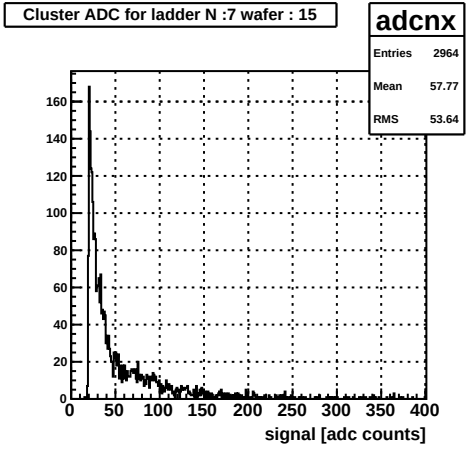

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2118
Mean 70.82
RMS 59.45
signal [adc counts]

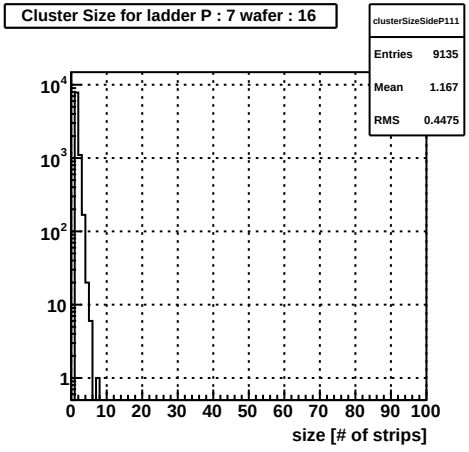

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3916
Mean 1.167
RMS 0.5588
size [# of strips]

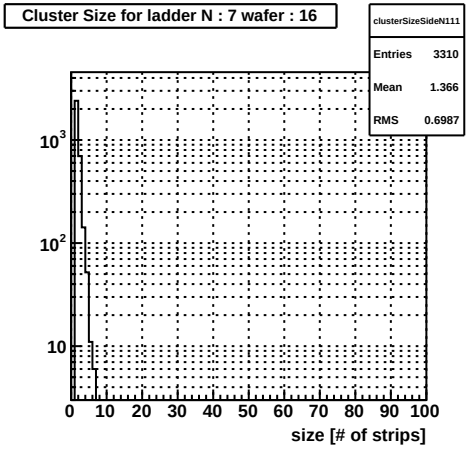

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2964
Mean 1.345
RMS 0.747
size [# of strips]

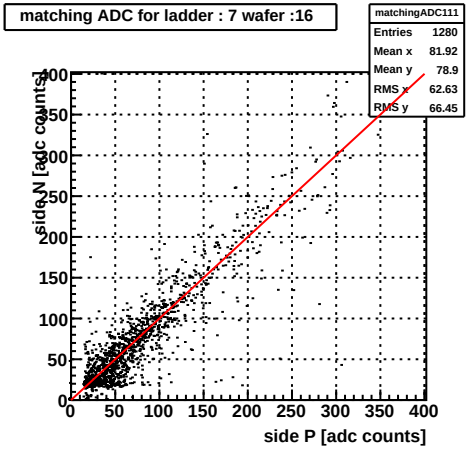

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 924
Mean x 84.69
Mean y 83.63
RMS x 57.92
RMS y 57.38
side N [adc counts]
side P [adc counts]

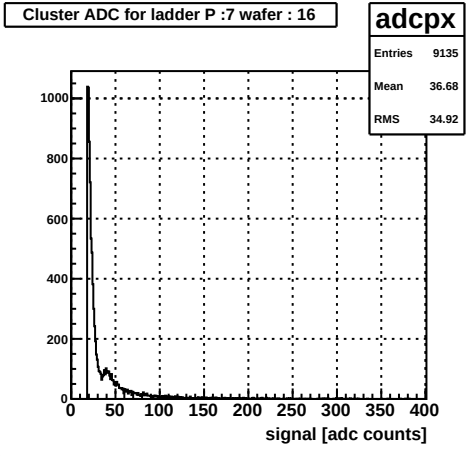

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3916
Mean 39.36
RMS 40.91
signal [adc counts]

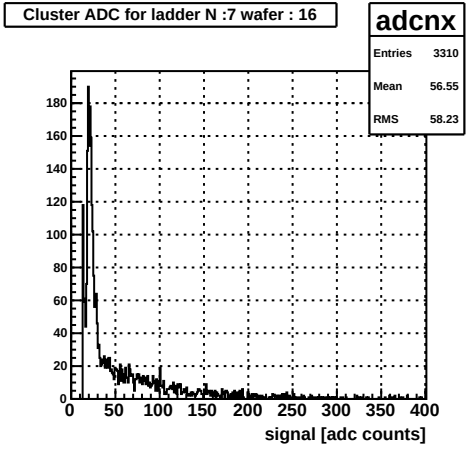

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2964
Mean 57.77
RMS 53.64
signal [adc counts]

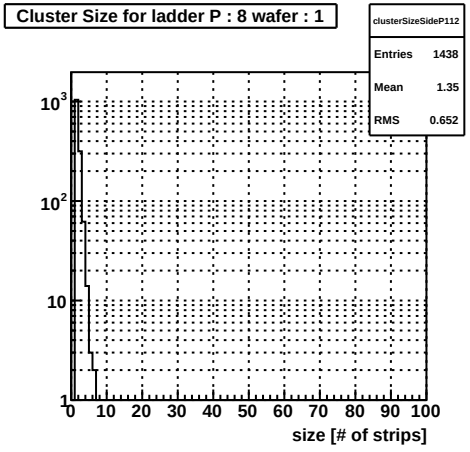

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9135
Mean 1.167
RMS 0.4475
size [# of strips]

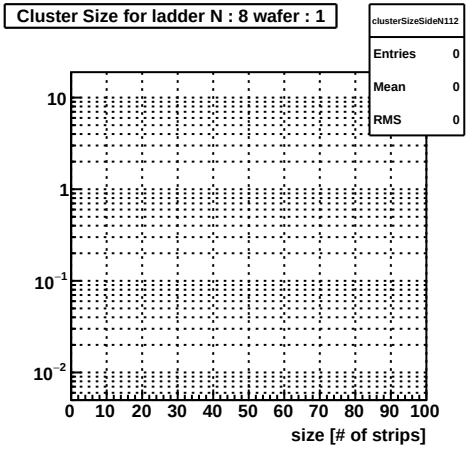

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3310
Mean 1.366
RMS 0.6987
size [# of strips]

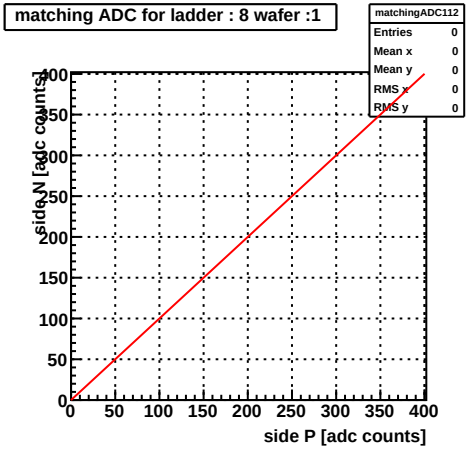

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1280
Mean x 81.92
Mean y 78.9
RMS x 62.63
RMS y 66.45
side N [adc counts]
side P [adc counts]

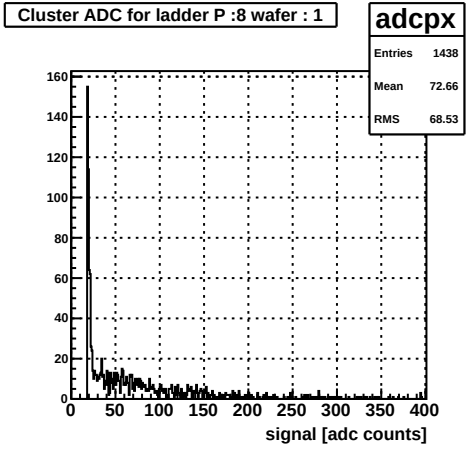

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9135
Mean 36.68
RMS 34.92
signal [adc counts]

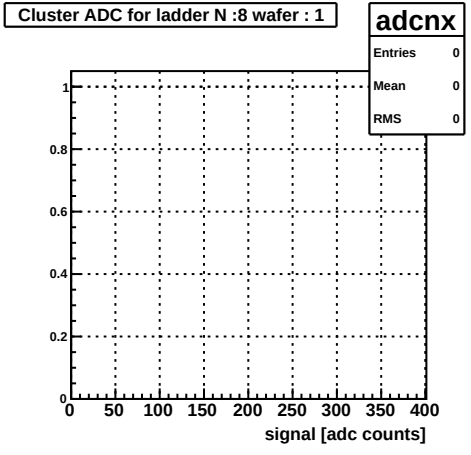

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3310
Mean 56.55
RMS 58.23
signal [adc counts]

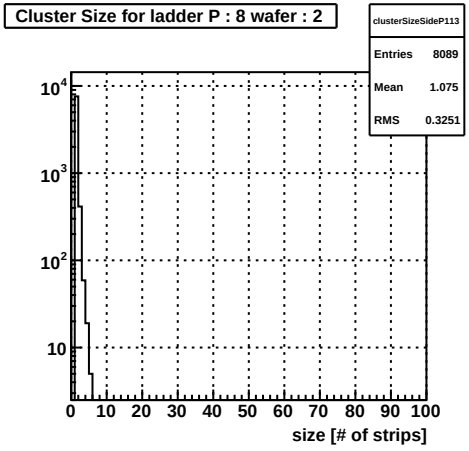

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1438
Mean 1.35
RMS 0.652
size [# of strips]

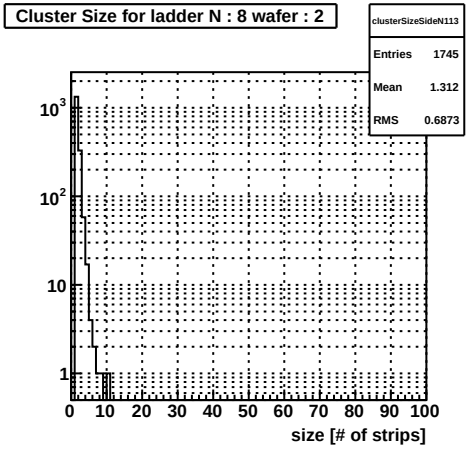

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

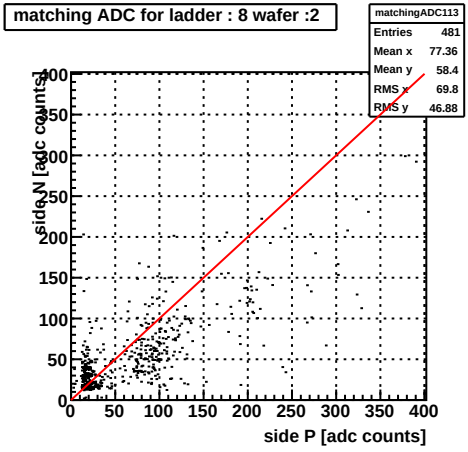

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

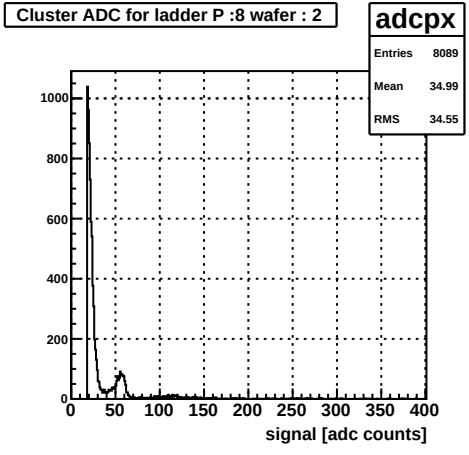

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1438
Mean 72.66
RMS 68.53
signal [adc counts]

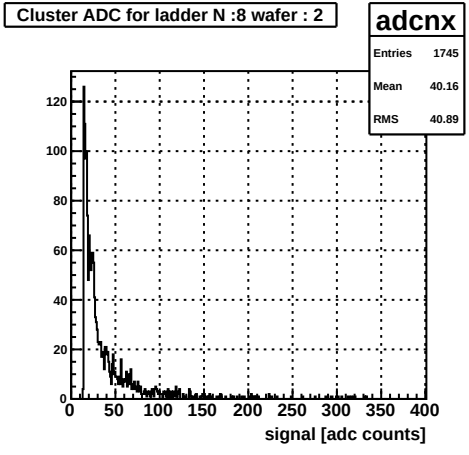

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

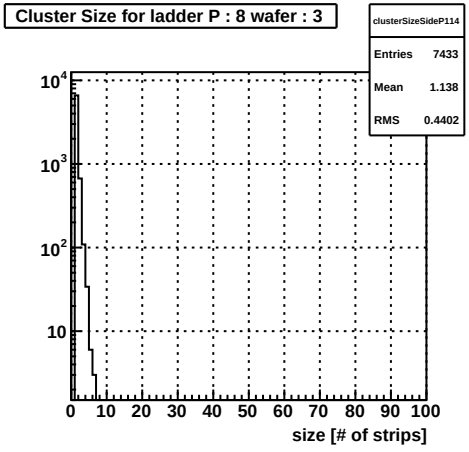

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8089
Mean 1.075
RMS 0.3251
size [# of strips]

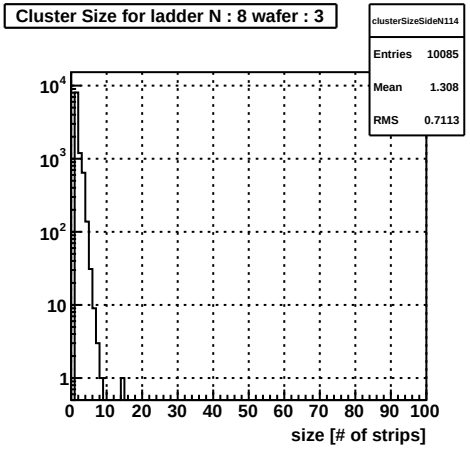

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1745
Mean 1.312
RMS 0.6873
size [# of strips]

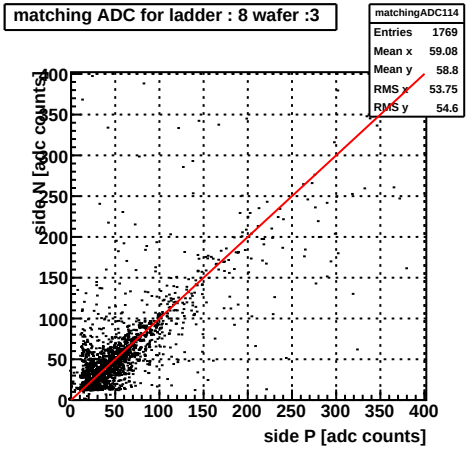

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 481
Mean x 77.36
Mean y 58.4
RMS x 69.8
RMS y 46.88
side N [adc counts]
side P [adc counts]

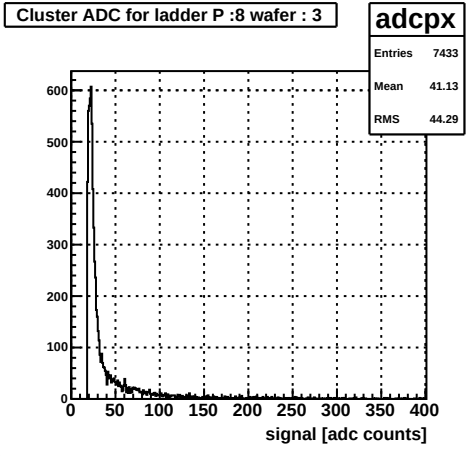

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8089
Mean 34.99
RMS 34.55
signal [adc counts]

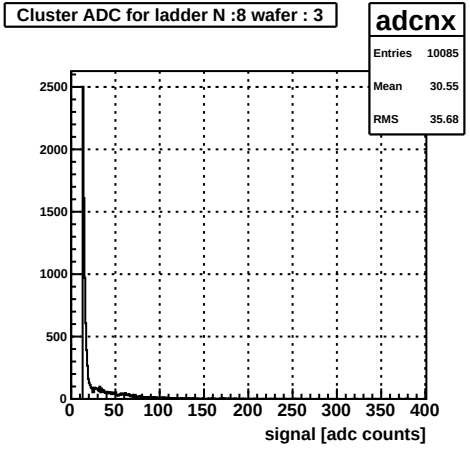

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1745
Mean 40.16
RMS 40.89
signal [adc counts]

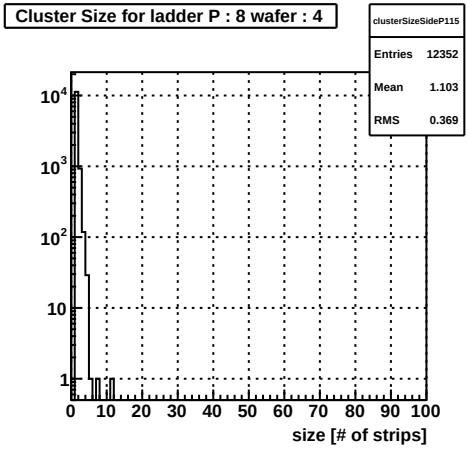

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7433
Mean 1.138
RMS 0.4402
size [# of strips]

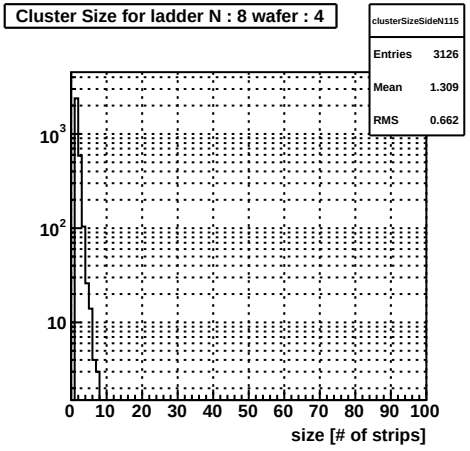

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10085
Mean 1.308
RMS 0.7113
size [# of strips]

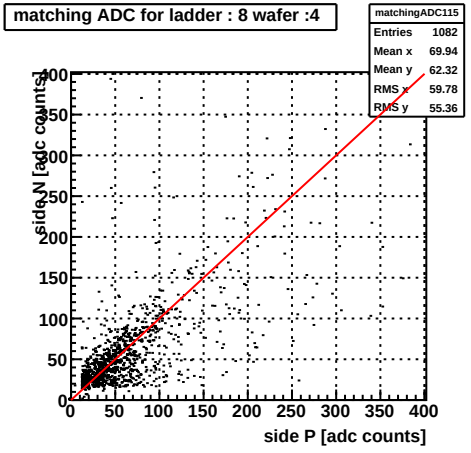

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1769
Mean x 59.08
Mean y 58.8
RMS x 53.75
RMS y 54.6
side N [adc counts]
side P [adc counts]

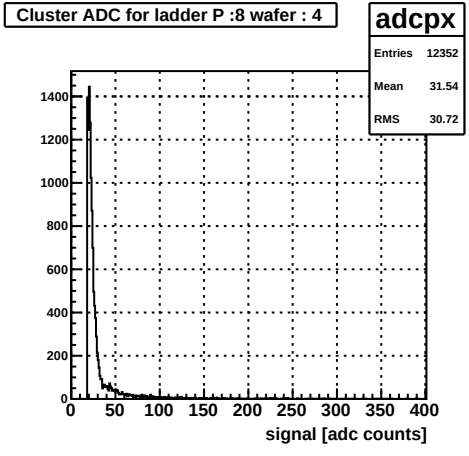

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7433
Mean 41.13
RMS 44.29
signal [adc counts]

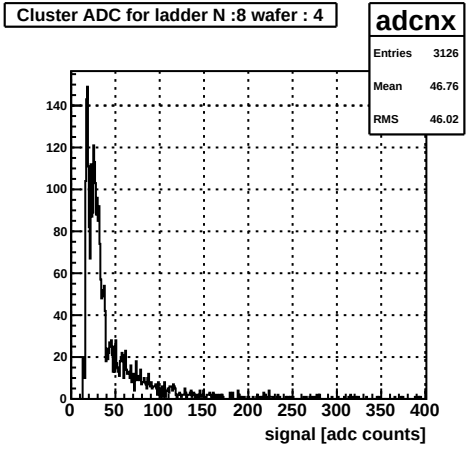

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10085
Mean 30.55
RMS 35.68
signal [adc counts]

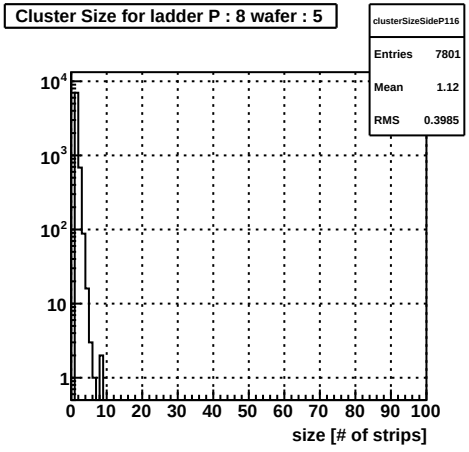

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12352
Mean 1.103
RMS 0.369
size [# of strips]

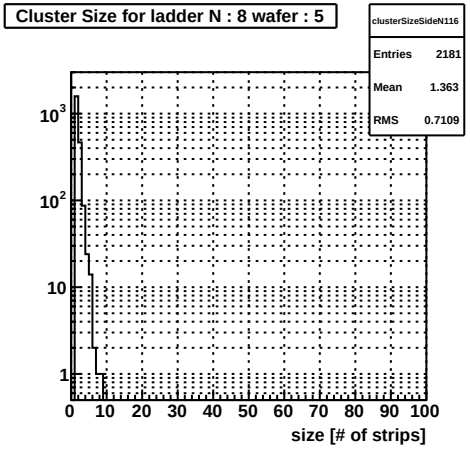

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3126
Mean 1.309
RMS 0.662
size [# of strips]

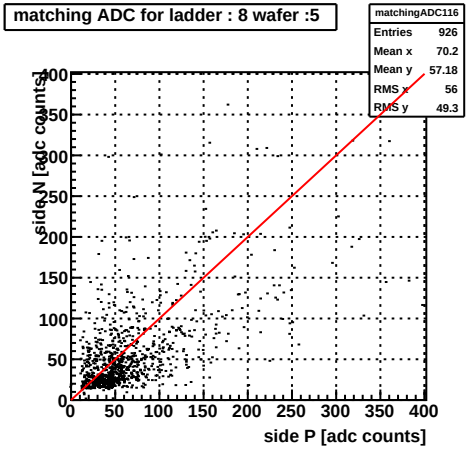

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1082
Mean x 69.94
Mean y 62.32
RMS x 59.78
RMS y 55.36
side N [adc counts]
side P [adc counts]

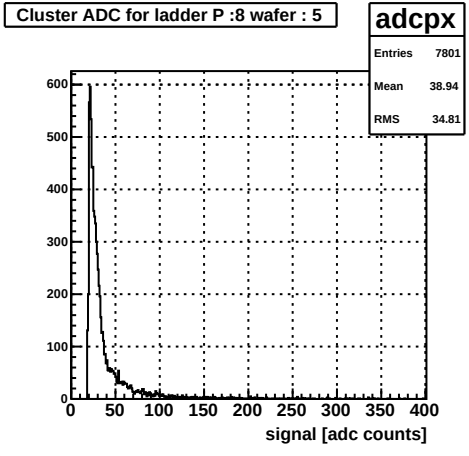

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12352
Mean 31.54
RMS 30.72
signal [adc counts]

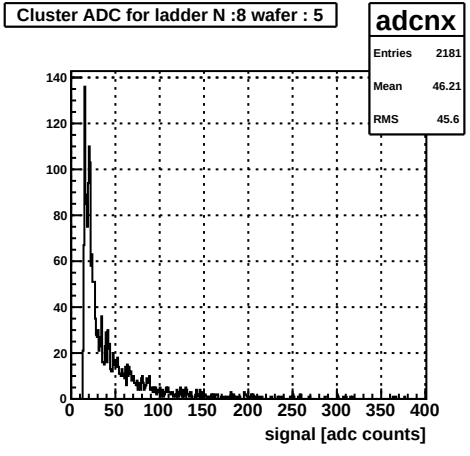

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3126
Mean 46.76
RMS 46.02
signal [adc counts]

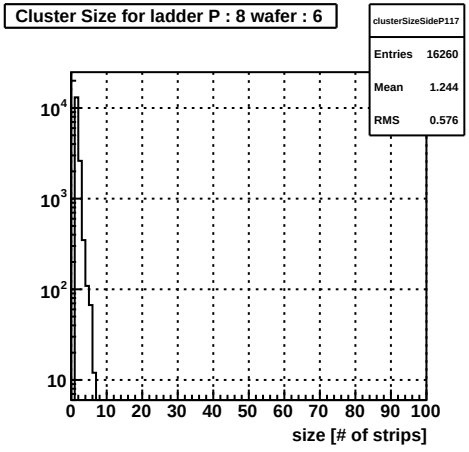

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7801
Mean 1.12
RMS 0.3985
size [# of strips]

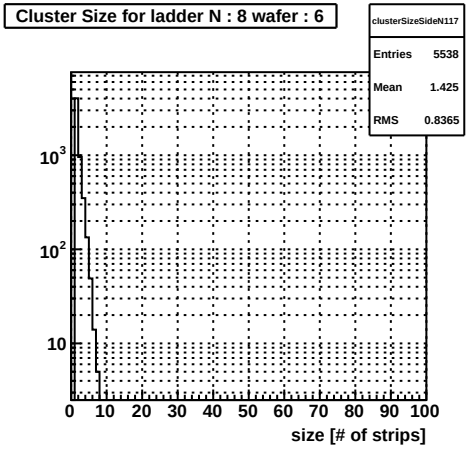

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2181
Mean 1.363
RMS 0.7109
size [# of strips]

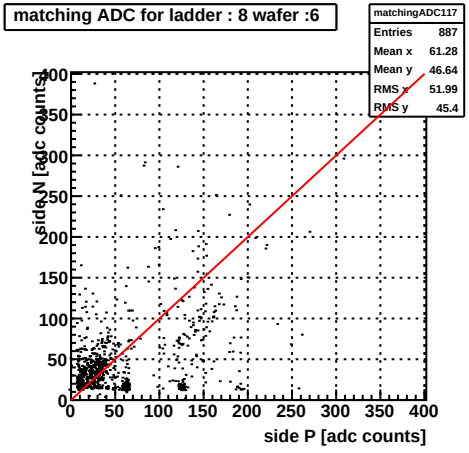

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 926
Mean x 70.2
Mean y 57.18
RMS x 56
RMS y 49.3
side N [adc counts]
side P [adc counts]

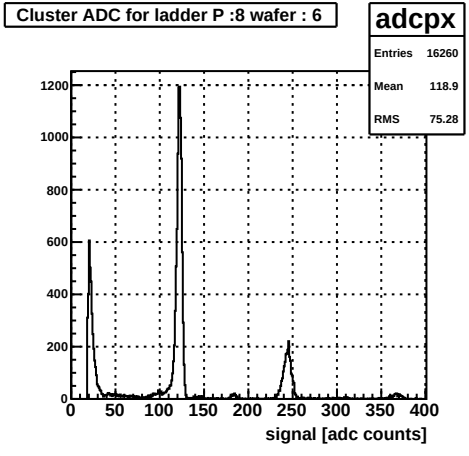

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7801
Mean 38.94
RMS 34.81
signal [adc counts]

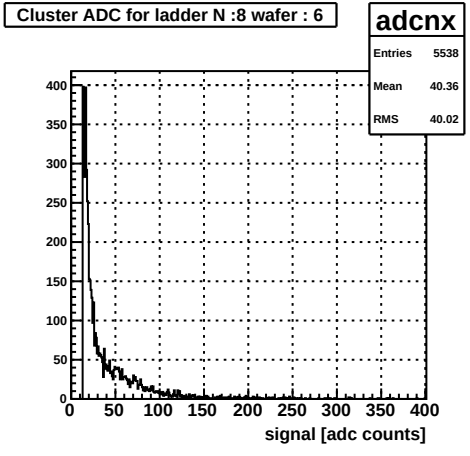

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2181
Mean 46.21
RMS 45.6
signal [adc counts]

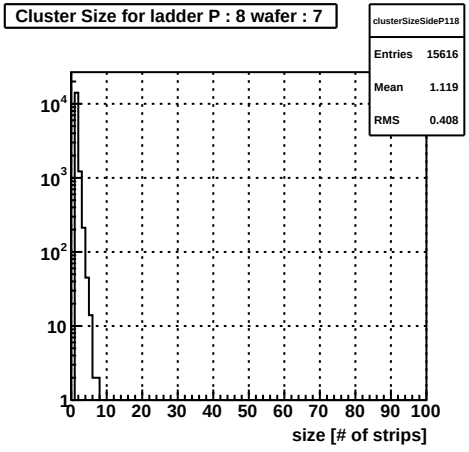

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 16260
Mean 1.244
RMS 0.576
size [# of strips]

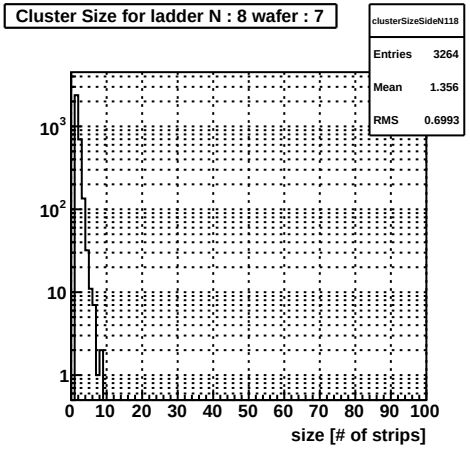

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5538
Mean 1.425
RMS 0.8365
size [# of strips]

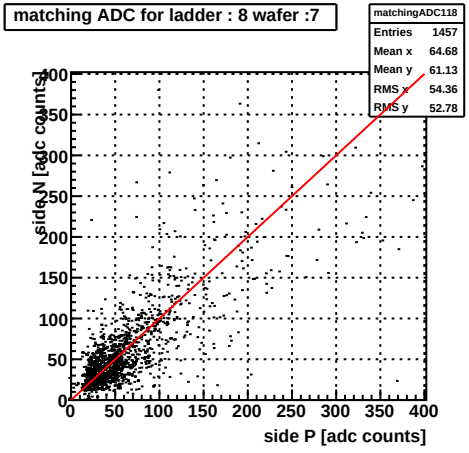

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 887
Mean x 61.28
Mean y 46.64
RMS x 51.99
RMS y 45.4
side N [adc counts]
side P [adc counts]

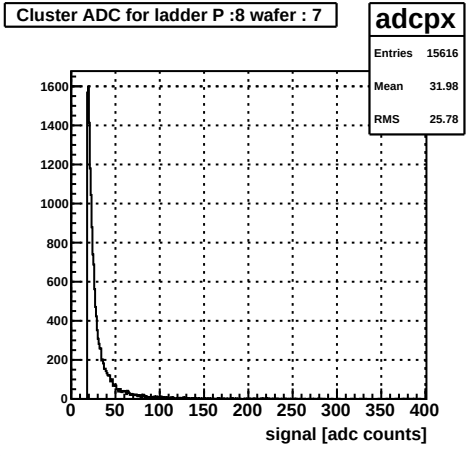

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 16260
Mean 118.9
RMS 75.28
signal [adc counts]

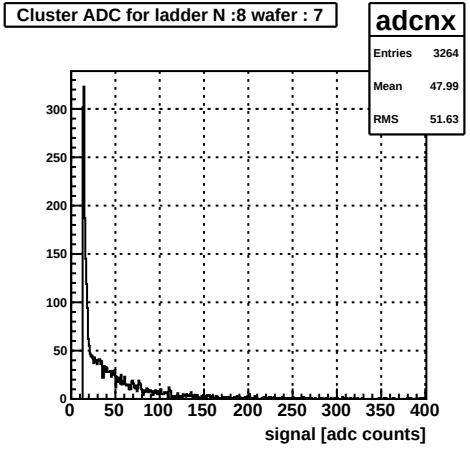

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5538
Mean 40.36
RMS 40.02
signal [adc counts]

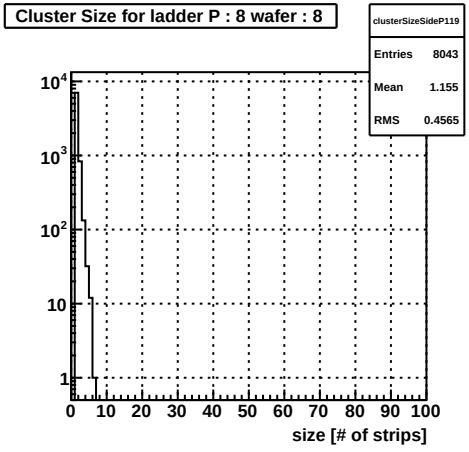

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15616
Mean 1.119
RMS 0.408
size [# of strips]

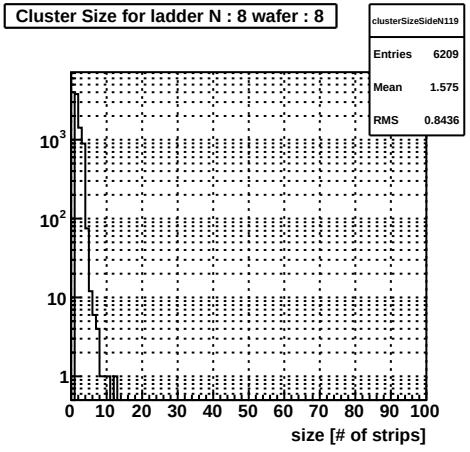

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3264
Mean 1.356
RMS 0.6993
size [# of strips]

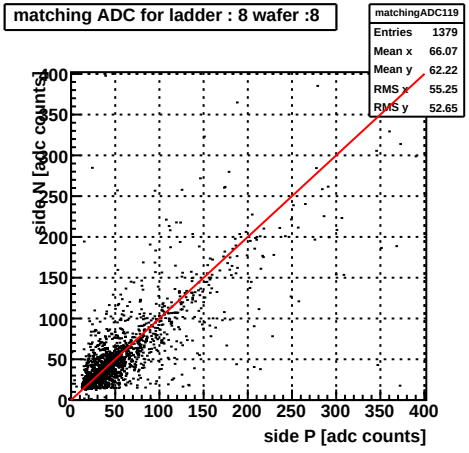

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1457
Mean x 64.68
Mean y 61.13
RMS x 54.36
RMS y 52.78
side N [adc counts]
side P [adc counts]

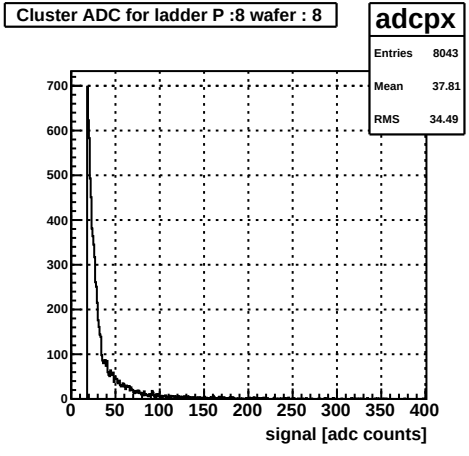

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15616
Mean 31.98
RMS 25.78
signal [adc counts]

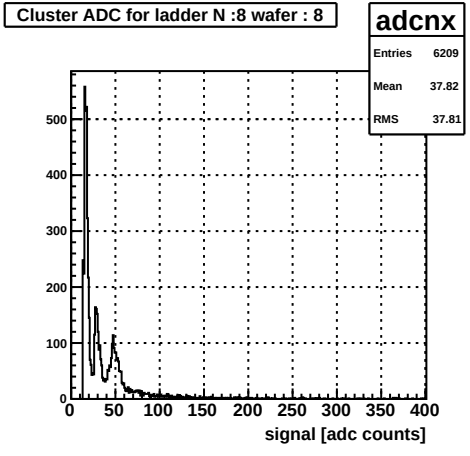

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3264
Mean 47.99
RMS 51.63
signal [adc counts]

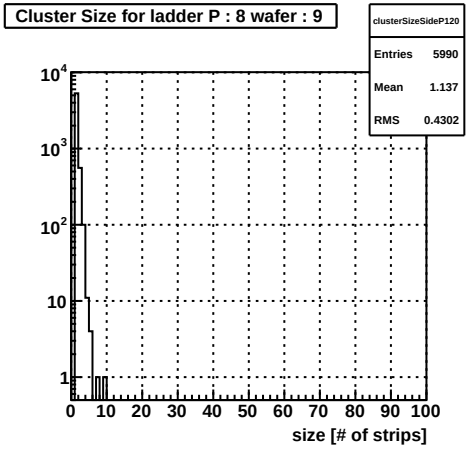

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8043
Mean 1.155
RMS 0.4565
size [# of strips]

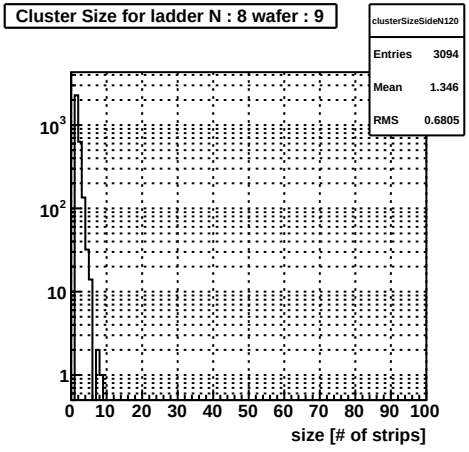

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 6209
Mean 1.575
RMS 0.8436
size [# of strips]

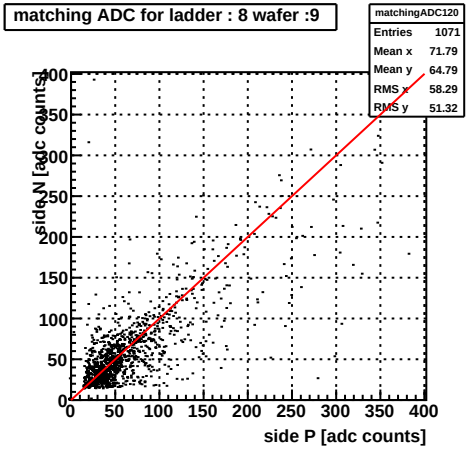

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1379
Mean x 66.07
Mean y 62.22
RMS x 55.25
RMS y 52.65
side N [adc counts]
side P [adc counts]

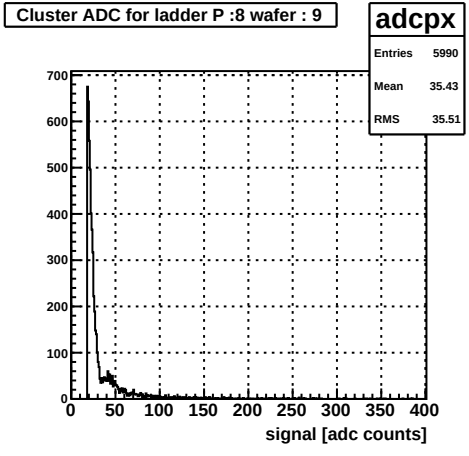

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8043
Mean 37.81
RMS 34.49
signal [adc counts]

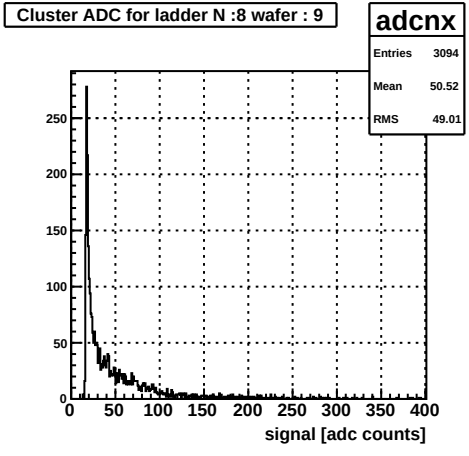

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 6209
Mean 37.82
RMS 37.81
signal [adc counts]

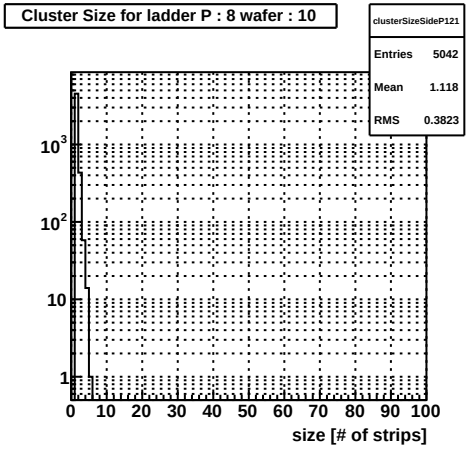

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5990
Mean 1.137
RMS 0.4302
size [# of strips]

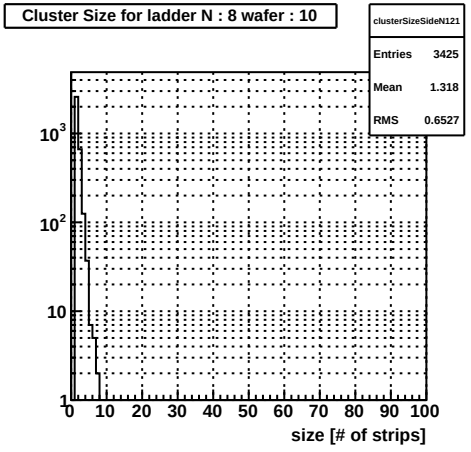

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3094
Mean 1.346
RMS 0.6805
size [# of strips]

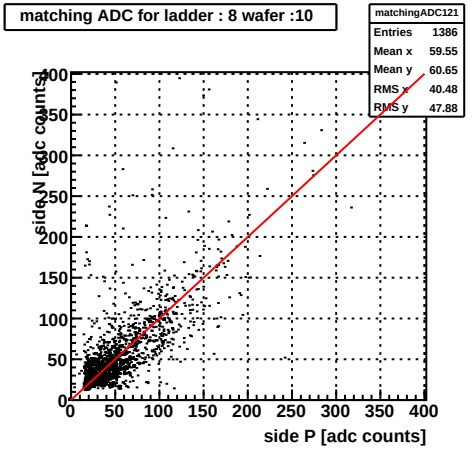

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1071
Mean x 71.79
Mean y 64.79
RMS x 58.29
RMS y 51.32
side N [adc counts]
side P [adc counts]

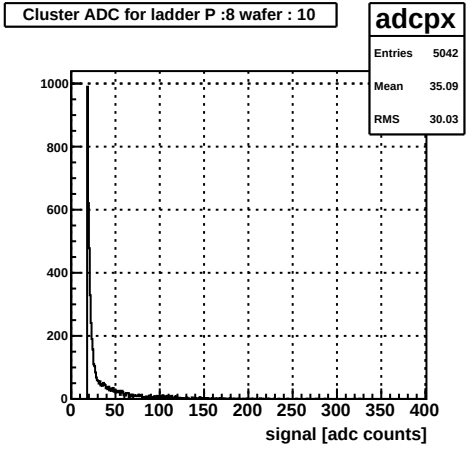

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5990
Mean 35.43
RMS 35.51
signal [adc counts]

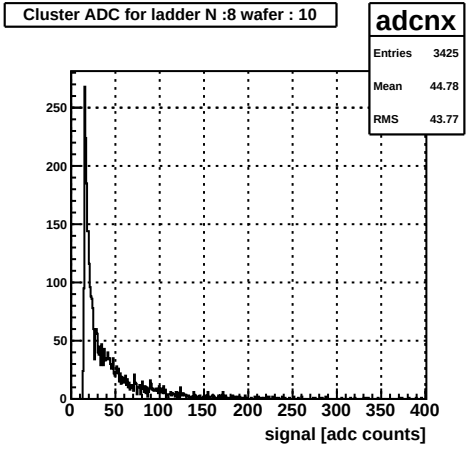

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3094
Mean 50.52
RMS 49.01
signal [adc counts]

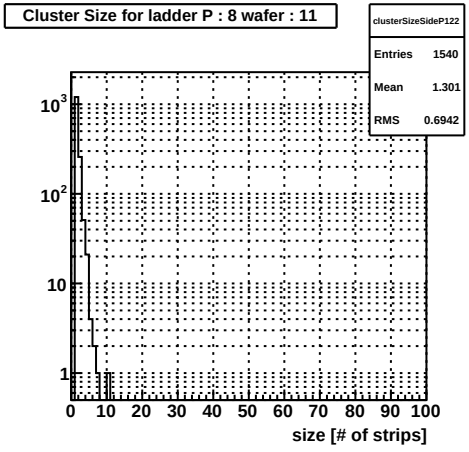

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5042
Mean 1.118
RMS 0.3823
size [# of strips]

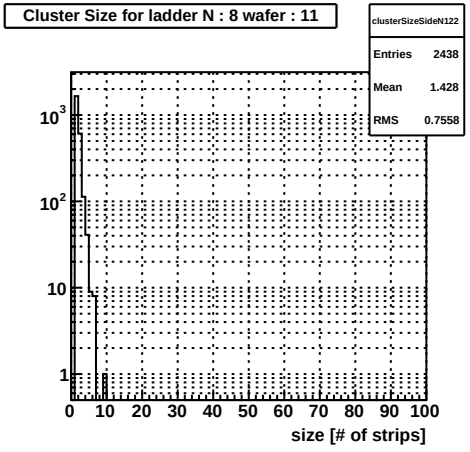

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3425
Mean 1.318
RMS 0.6527
size [# of strips]

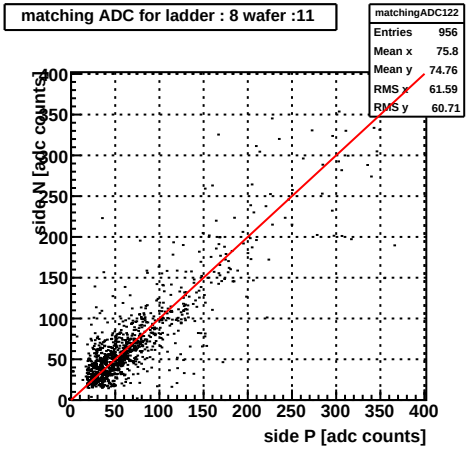

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1386
Mean x 59.55
Mean y 60.65
RMS x 40.48
RMS y 47.88
side N [adc counts]
side P [adc counts]

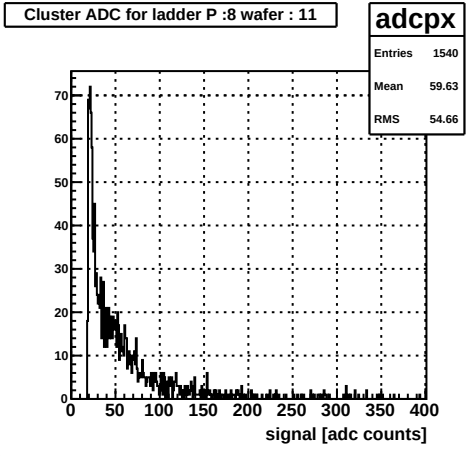

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5042
Mean 35.09
RMS 30.03
signal [adc counts]

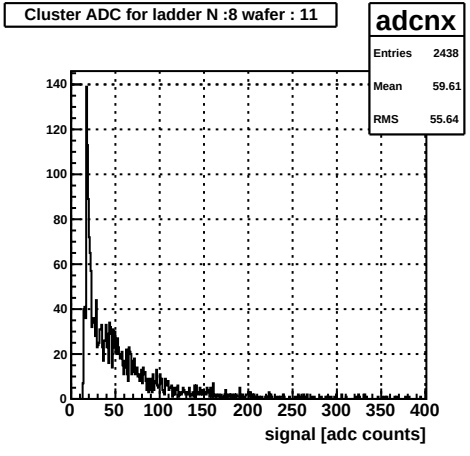

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3425
Mean 44.78
RMS 43.77
signal [adc counts]

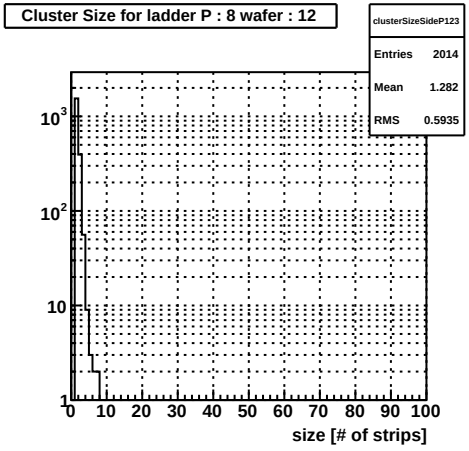

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1540
Mean 1.301
RMS 0.6942
size [# of strips]

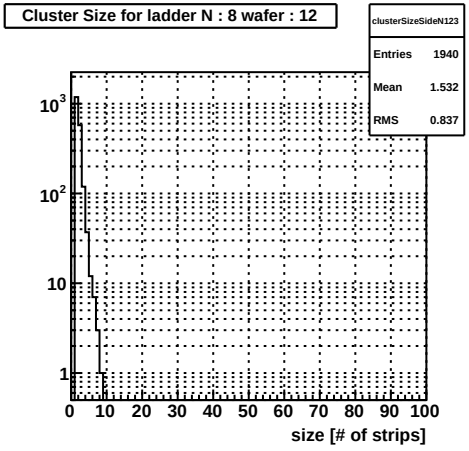

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2438
Mean 1.428
RMS 0.7558
size [# of strips]

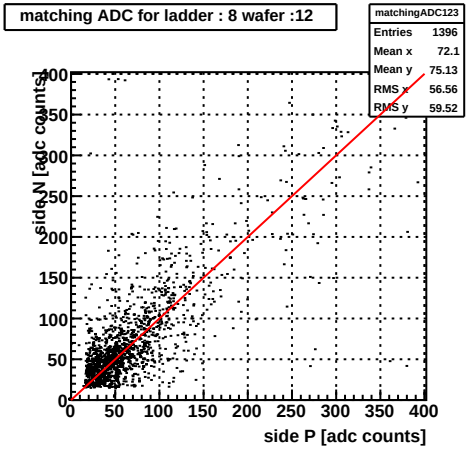

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 956
Mean x 75.8
Mean y 74.76
RMS x 61.59
RMS y 60.71
side N [adc counts]
side P [adc counts]

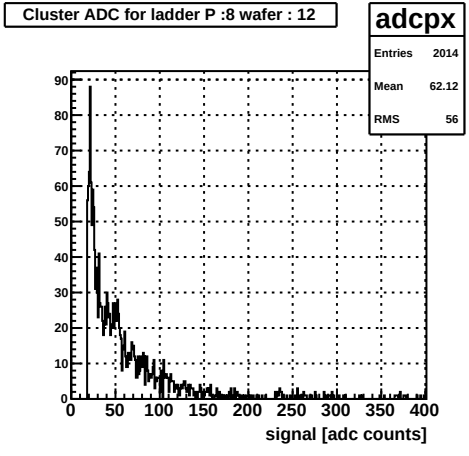

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1540
Mean 59.63
RMS 54.66
signal [adc counts]

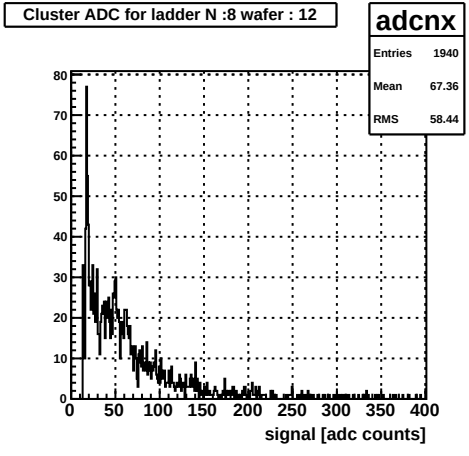

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2438
Mean 59.61
RMS 55.64
signal [adc counts]

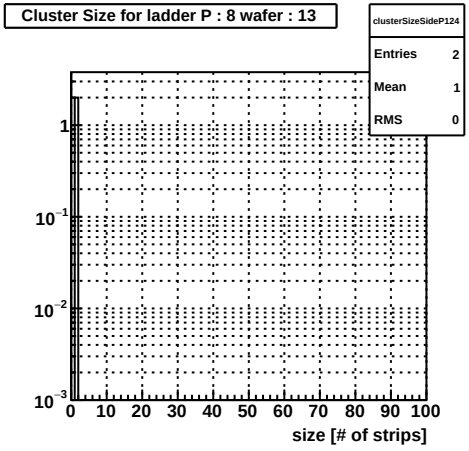

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2014
Mean 1.282
RMS 0.5935
size [# of strips]

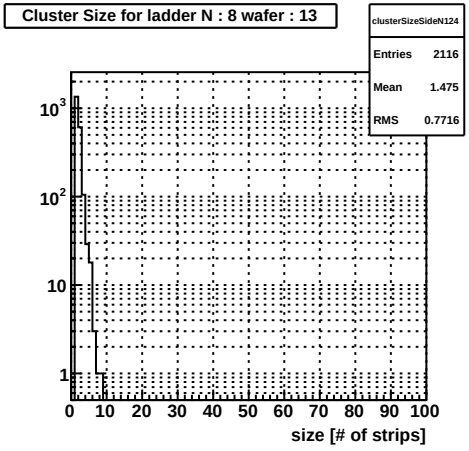

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1940
Mean 1.532
RMS 0.837
size [# of strips]

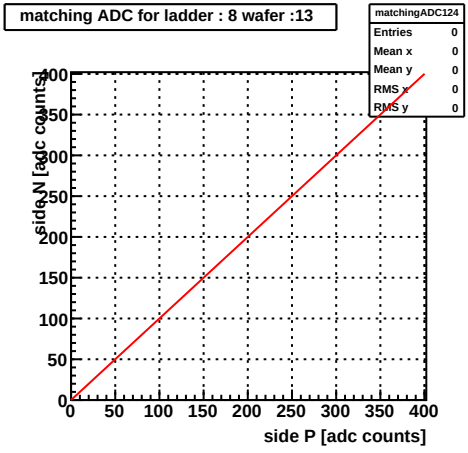

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1396
Mean x 72.1
Mean y 75.13
RMS x 56.56
RMS y 59.52
side N [adc counts]
side P [adc counts]

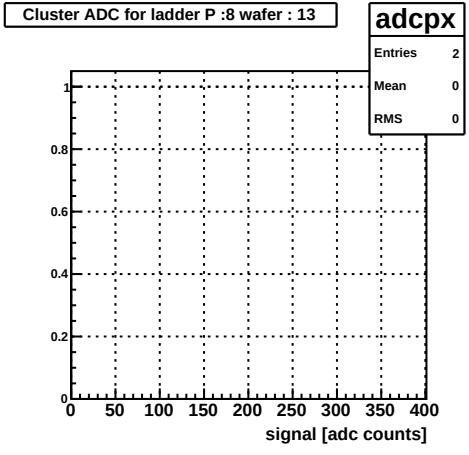

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2014
Mean 62.12
RMS 56
signal [adc counts]

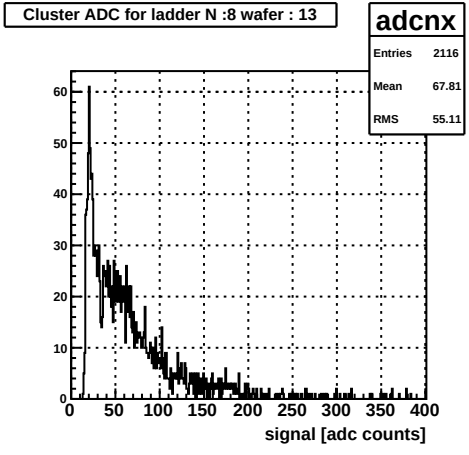

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1940
Mean 67.36
RMS 58.44
signal [adc counts]

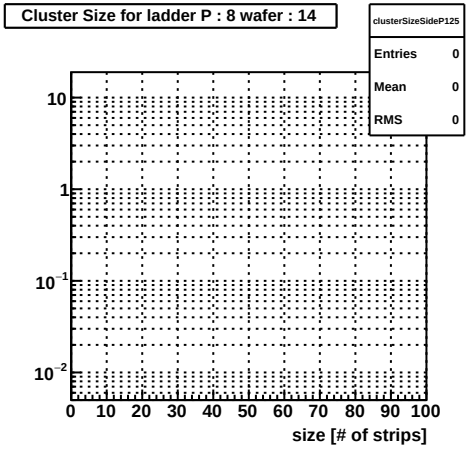

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

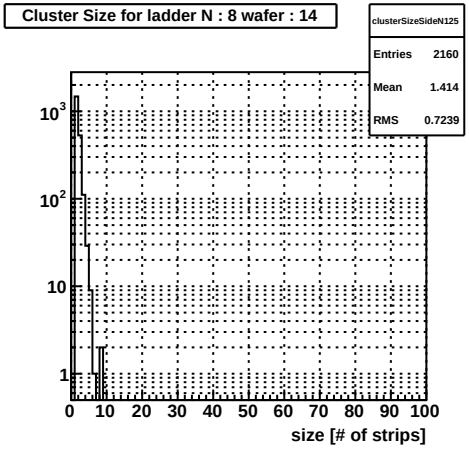

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2116
Mean 1.475
RMS 0.7716
size [# of strips]

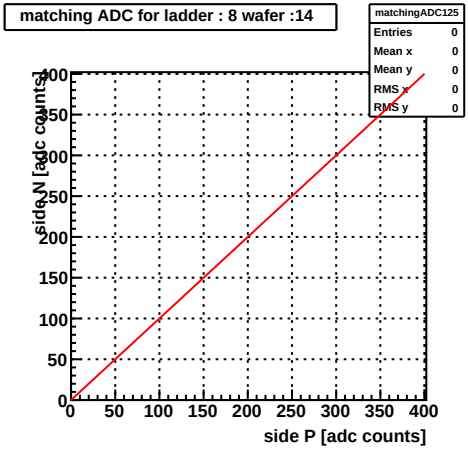

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

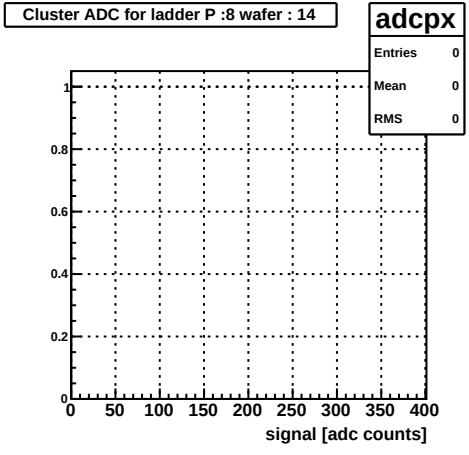

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

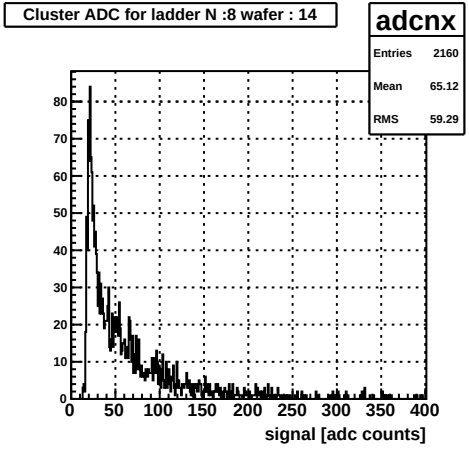

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2116
Mean 67.81
RMS 55.11
signal [adc counts]

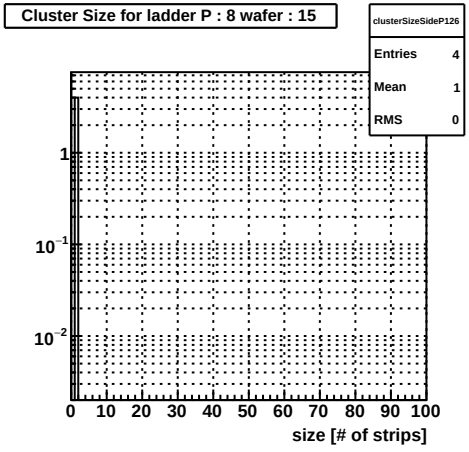

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

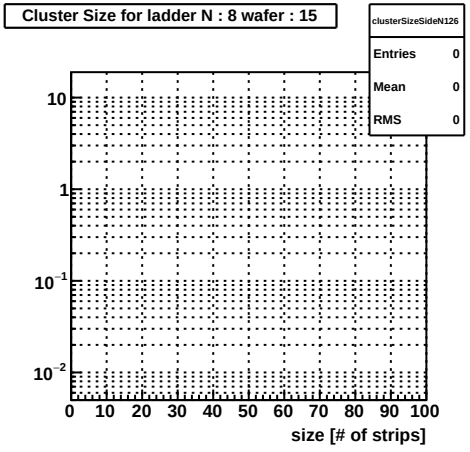

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2160
Mean 1.414
RMS 0.7239
size [# of strips]

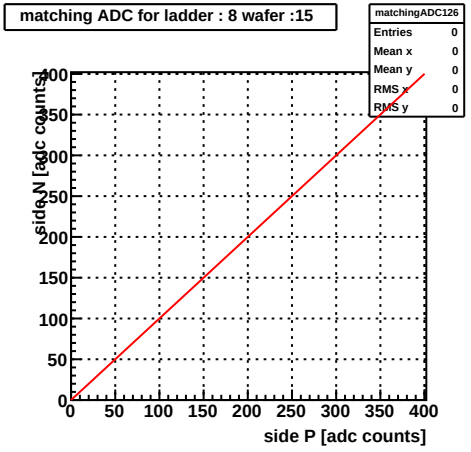

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

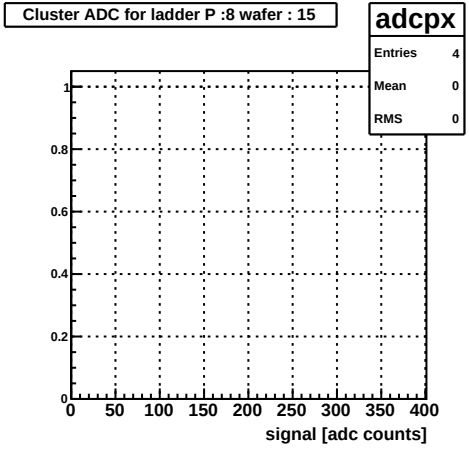

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

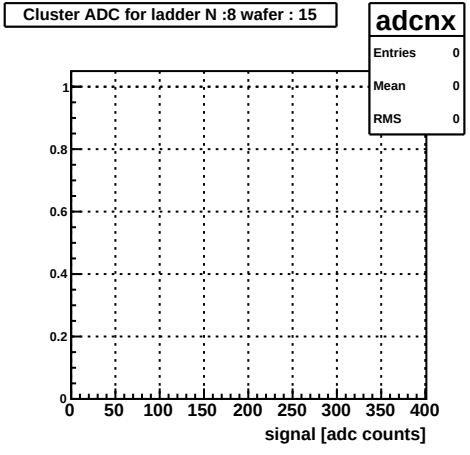

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2160
Mean 65.12
RMS 59.29
signal [adc counts]

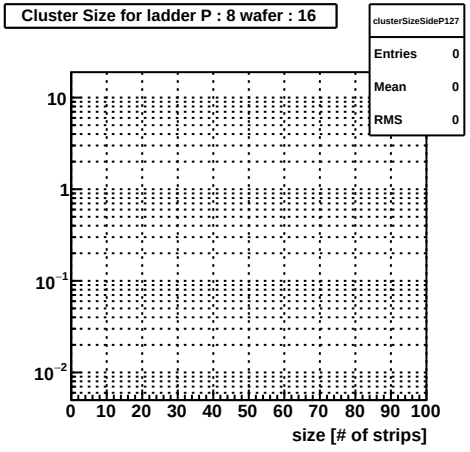

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 4
Mean 1
RMS 0
size [# of strips]

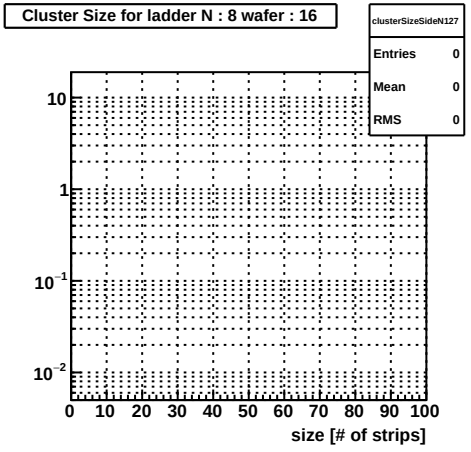

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

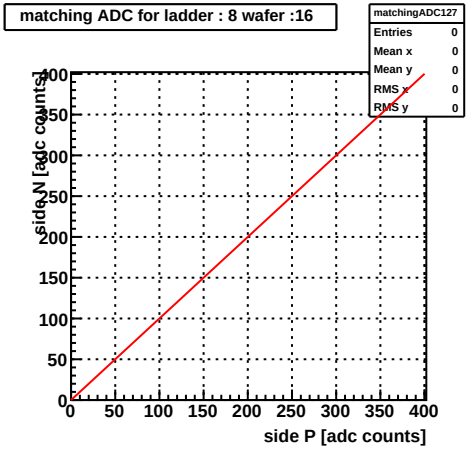

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

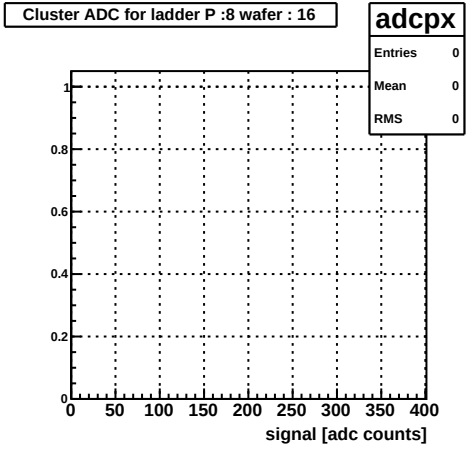

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

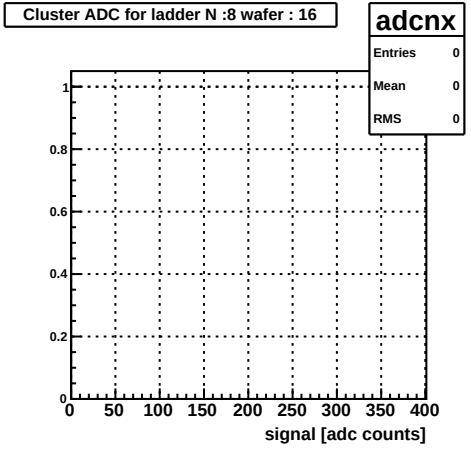

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

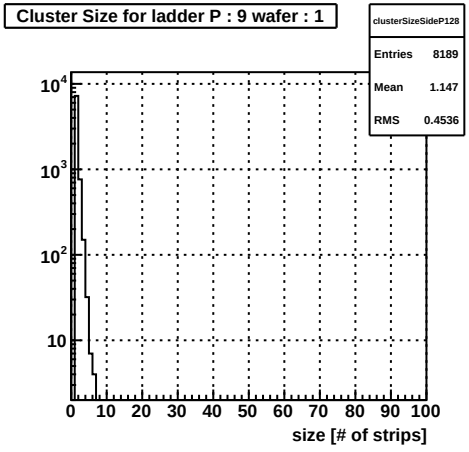

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

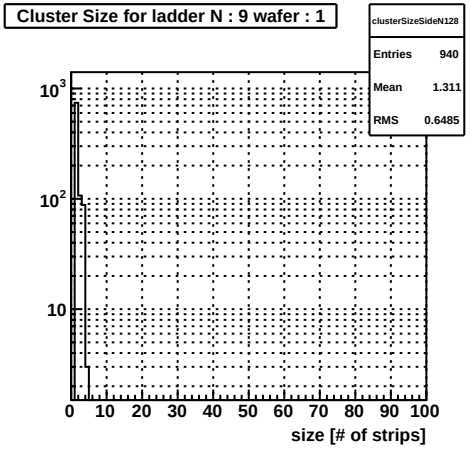

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

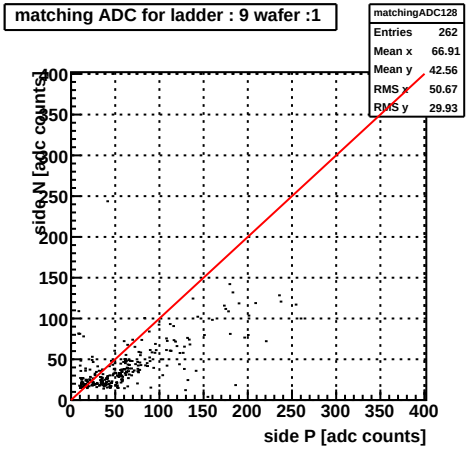

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

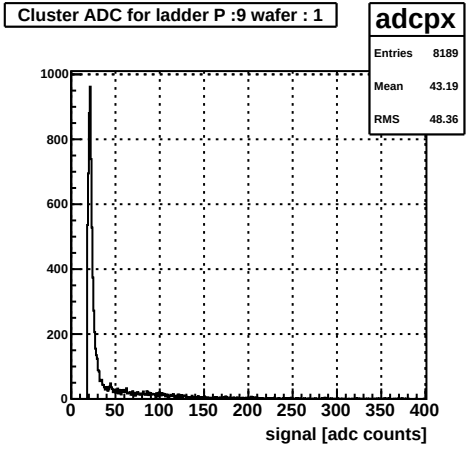

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

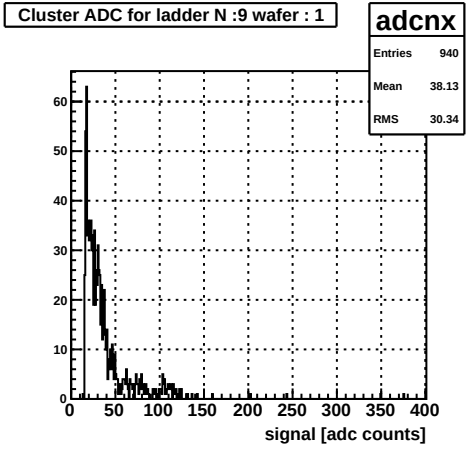

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

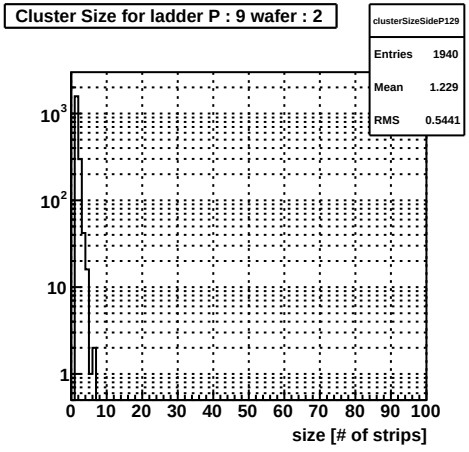

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8189
Mean 1.147
RMS 0.4536
size [# of strips]

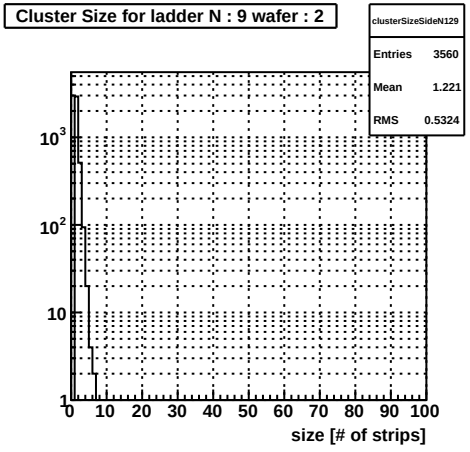

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 940
Mean 1.311
RMS 0.6485
size [# of strips]

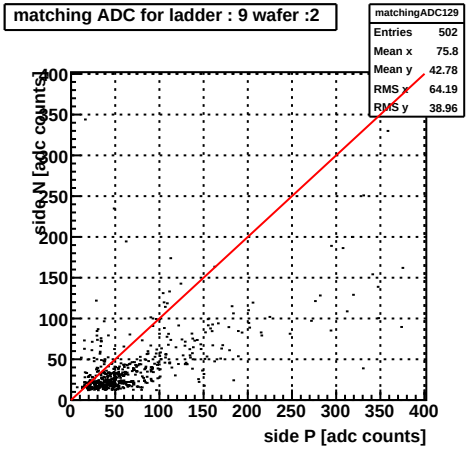

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 262
Mean x 66.91
Mean y 42.56
RMS x 50.67
RMS y 29.93
side N [adc counts]
side P [adc counts]

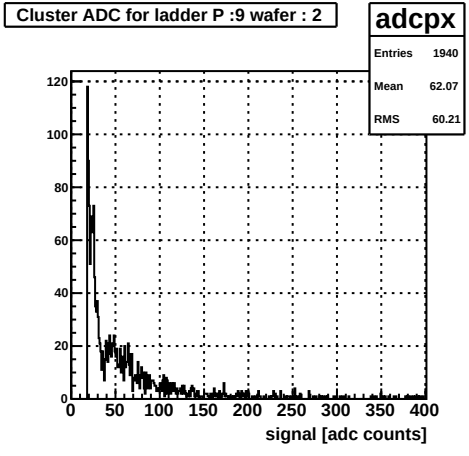

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8189
Mean 43.19
RMS 48.36
signal [adc counts]

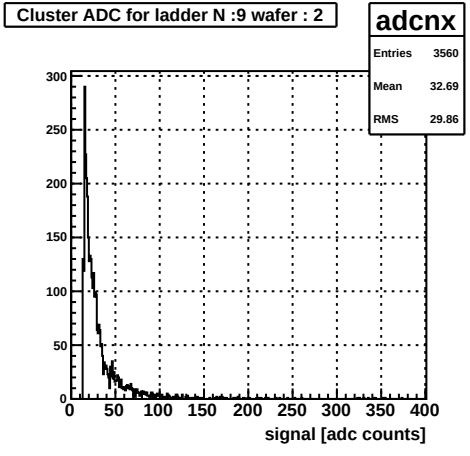

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 940
Mean 38.13
RMS 30.34
signal [adc counts]

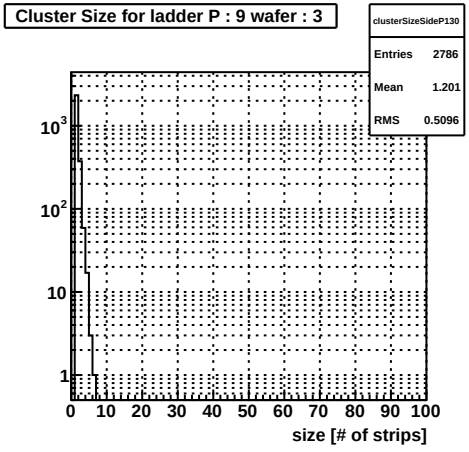

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1940
Mean 1.229
RMS 0.5441
size [# of strips]

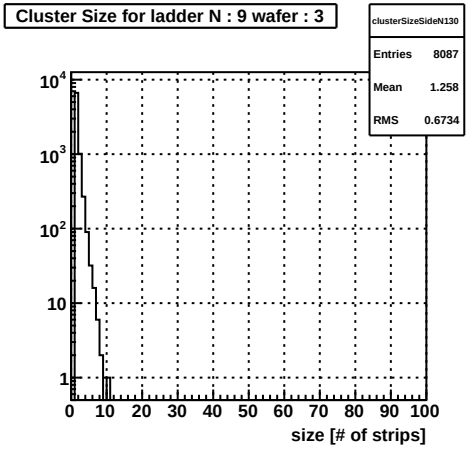

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3560
Mean 1.221
RMS 0.5324
size [# of strips]

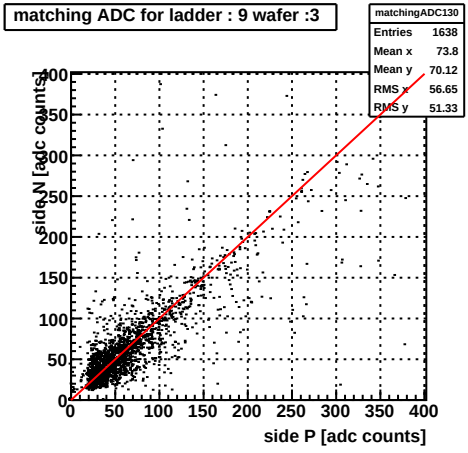

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 502
Mean x 75.8
Mean y 42.78
RMS x 64.19
RMS y 38.96
side N [adc counts]
side P [adc counts]

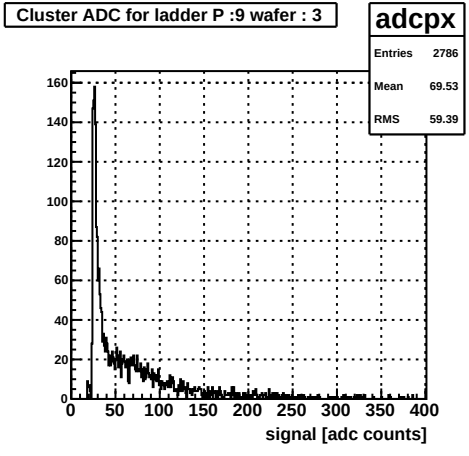

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1940
Mean 62.07
RMS 60.21
signal [adc counts]

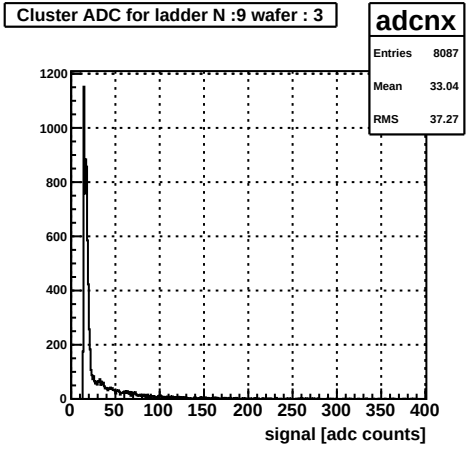

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3560
Mean 32.69
RMS 29.86
signal [adc counts]

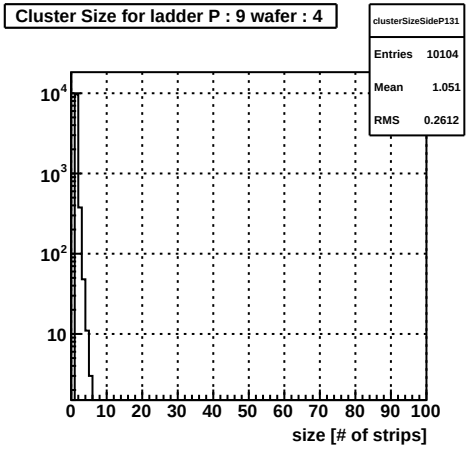

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2786
Mean 1.201
RMS 0.5096
size [# of strips]

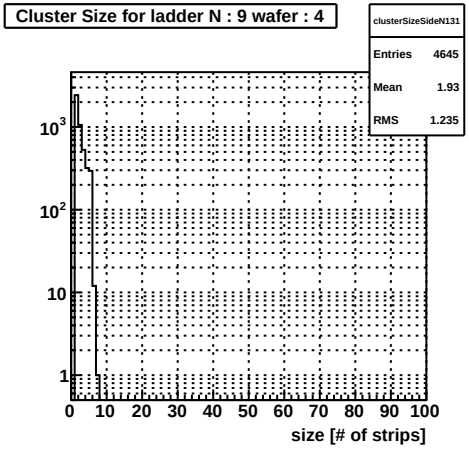

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 8087
Mean 1.258
RMS 0.6734
size [# of strips]

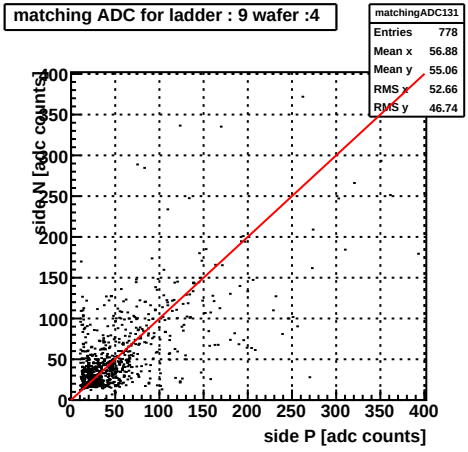

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1638
Mean x 73.8
Mean y 70.12
RMS x 56.65
RMS y 51.33
side N [adc counts]
side P [adc counts]

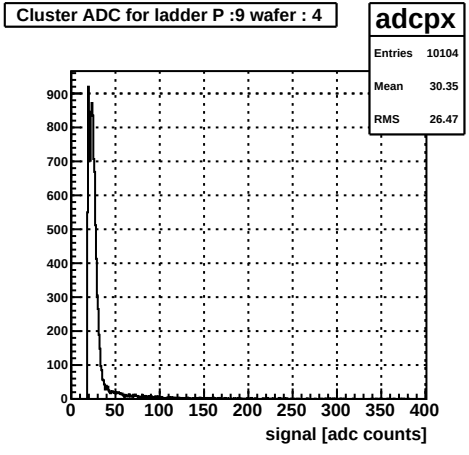

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2786
Mean 69.53
RMS 59.39
signal [adc counts]

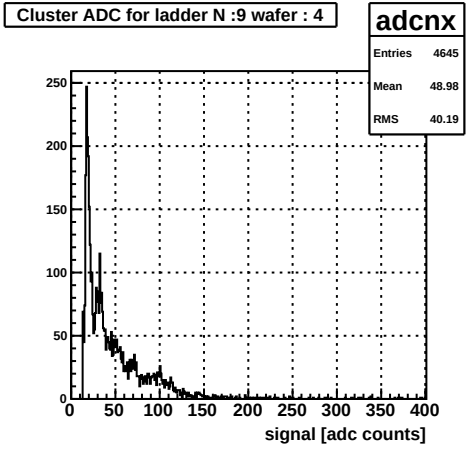

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 8087
Mean 33.04
RMS 37.27
signal [adc counts]

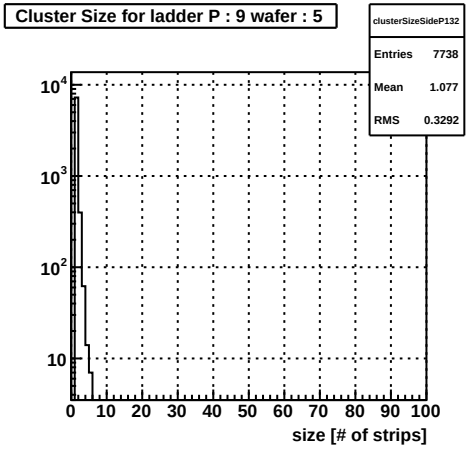

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10104
Mean 1.051
RMS 0.2612
size [# of strips]

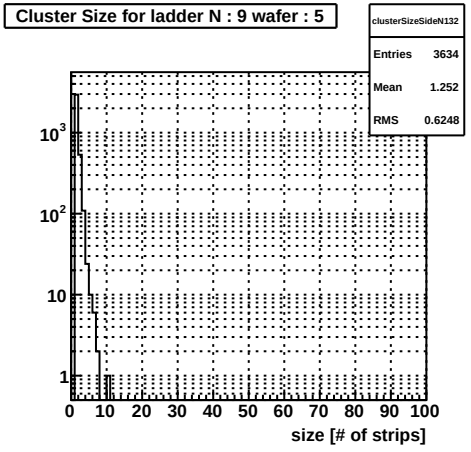

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 4645
Mean 1.93
RMS 1.235
size [# of strips]

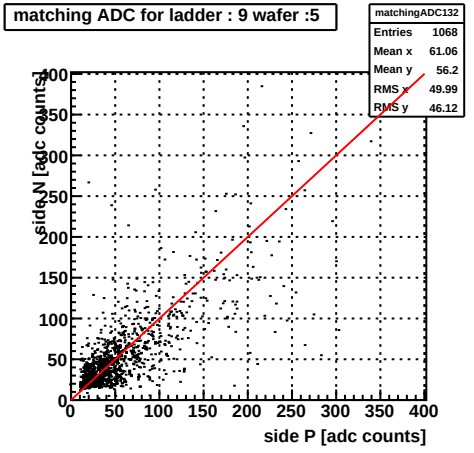

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 778
Mean x 56.88
Mean y 55.06
RMS x 52.66
RMS y 46.74
side N [adc counts]
side P [adc counts]

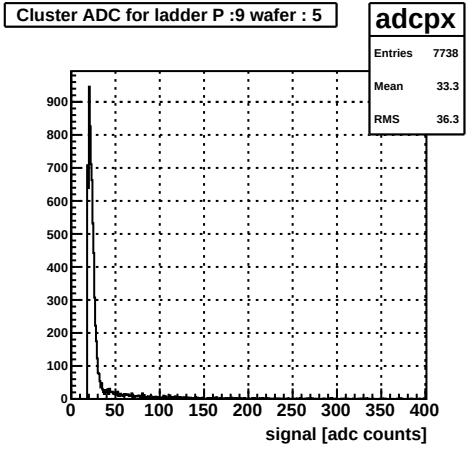

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10104
Mean 30.35
RMS 26.47
signal [adc counts]

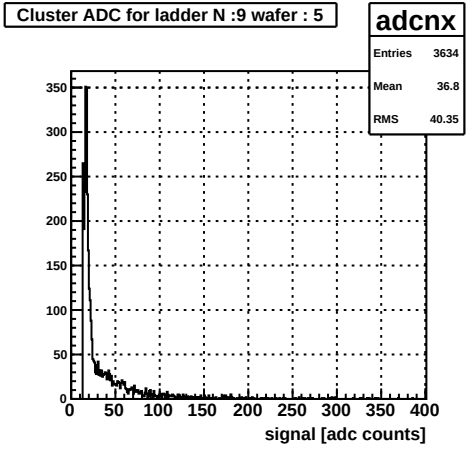

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 4645
Mean 48.98
RMS 40.19
signal [adc counts]

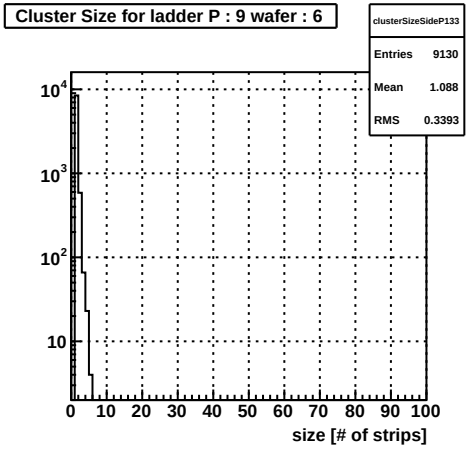

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7738
Mean 1.077
RMS 0.3292
size [# of strips]

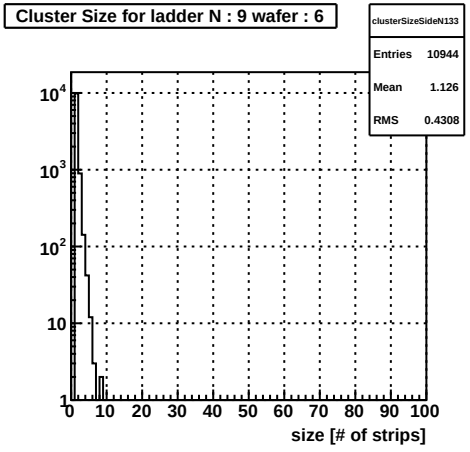

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 3634
Mean 1.252
RMS 0.6248
size [# of strips]

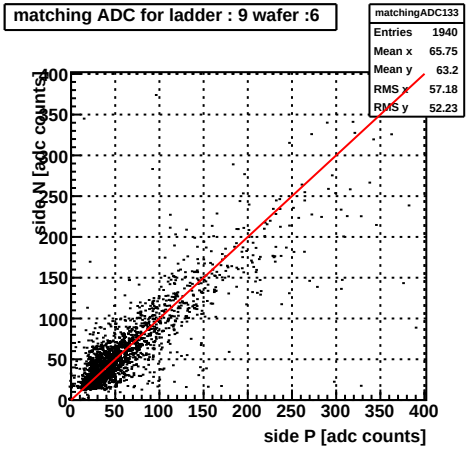

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1068
Mean x 61.06
Mean y 56.2
RMS x 49.99
RMS y 46.12
side N [adc counts]
side P [adc counts]

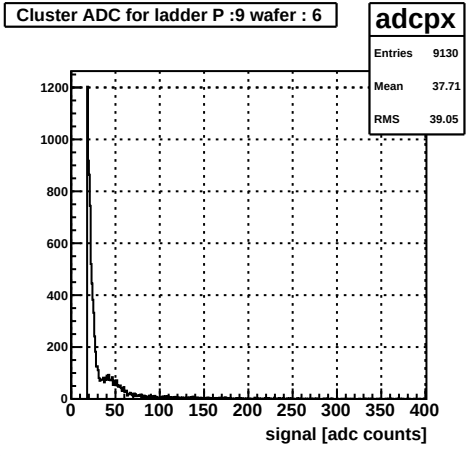

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7738
Mean 33.3
RMS 36.3
signal [adc counts]

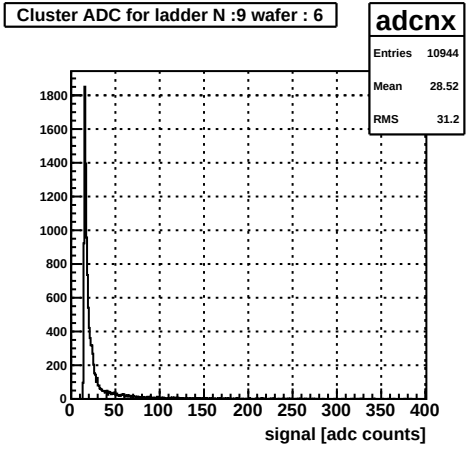

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 3634
Mean 36.8
RMS 40.35
signal [adc counts]

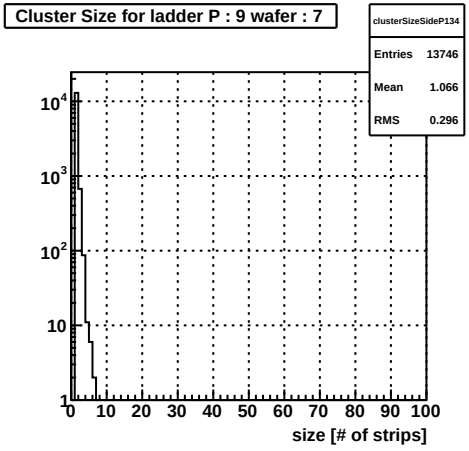

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9130
Mean 1.088
RMS 0.3393
size [# of strips]

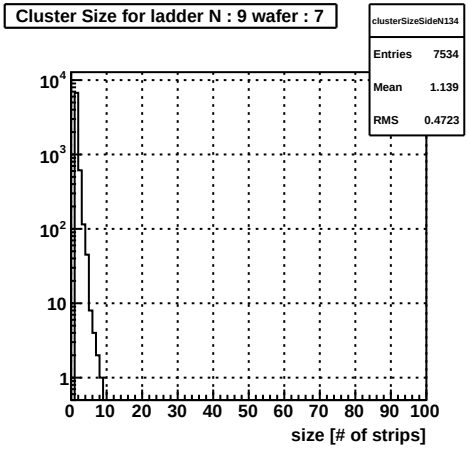

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 10944
Mean 1.126
RMS 0.4308
size [# of strips]

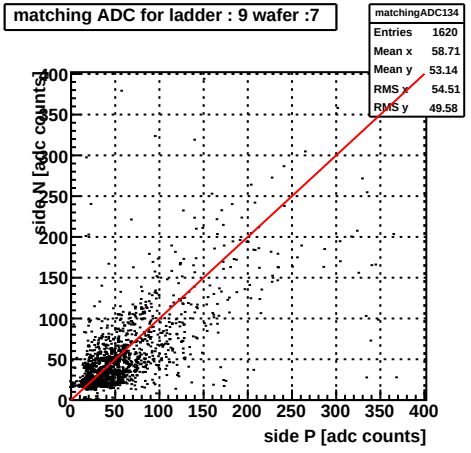

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1940
Mean x 65.75
Mean y 63.2
RMS x 57.18
RMS y 52.23
side N [adc counts]
side P [adc counts]

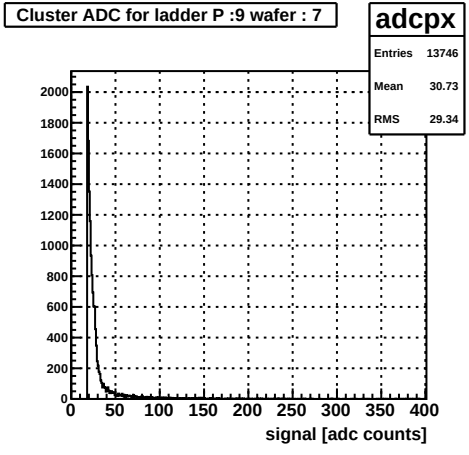

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9130
Mean 37.71
RMS 39.05
signal [adc counts]

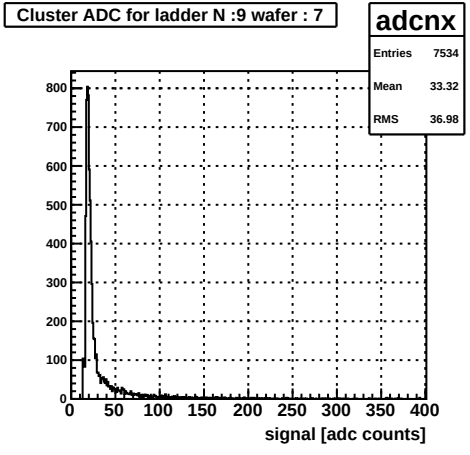

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 10944
Mean 28.52
RMS 31.2
signal [adc counts]

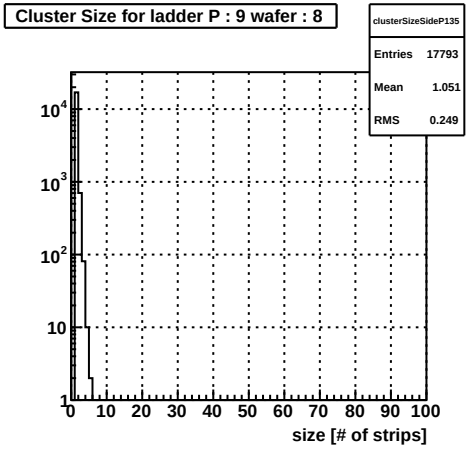

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13746
Mean 1.066
RMS 0.296
size [# of strips]

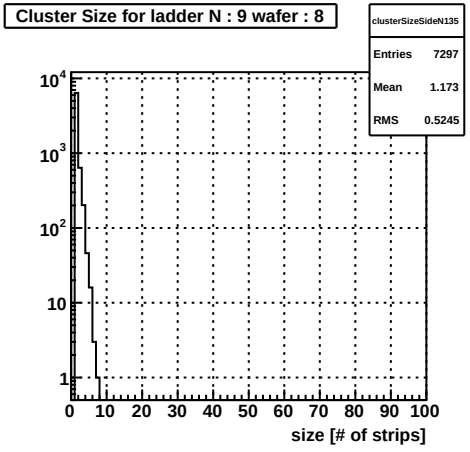

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 7534
Mean 1.139
RMS 0.4723
size [# of strips]

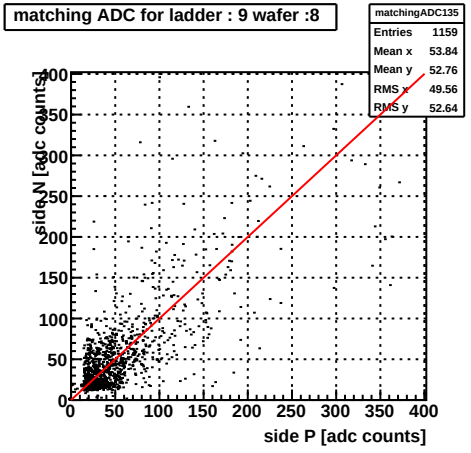

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1620
Mean x 58.71
Mean y 53.14
RMS x 54.51
RMS y 49.58
side N [adc counts]
side P [adc counts]

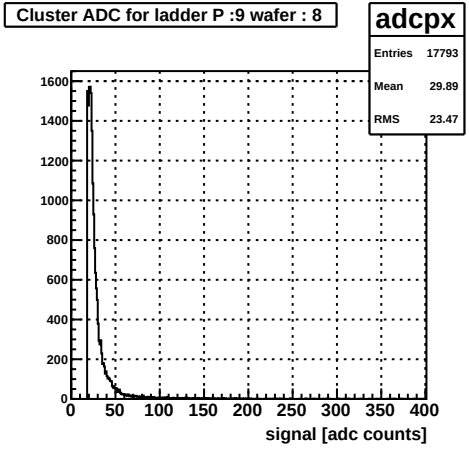

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13746
Mean 30.73
RMS 29.34
signal [adc counts]

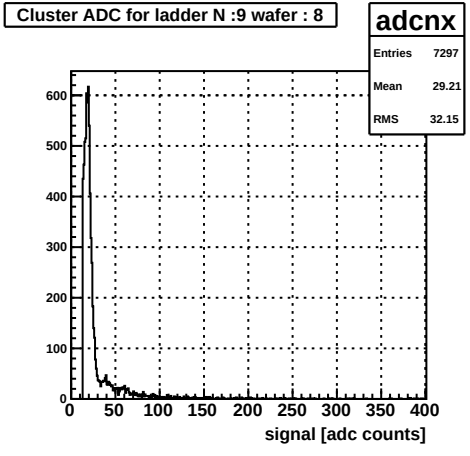

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 7534
Mean 33.32
RMS 36.98
signal [adc counts]

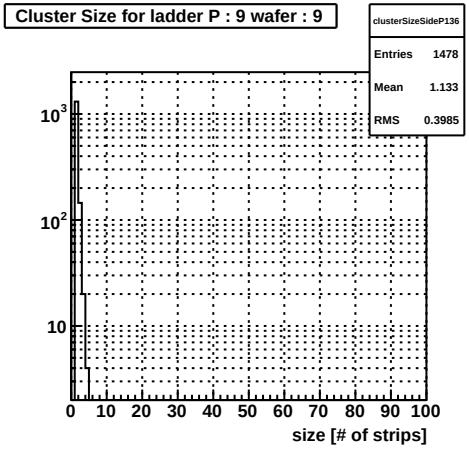

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 17793
Mean 1.051
RMS 0.249
size [# of strips]

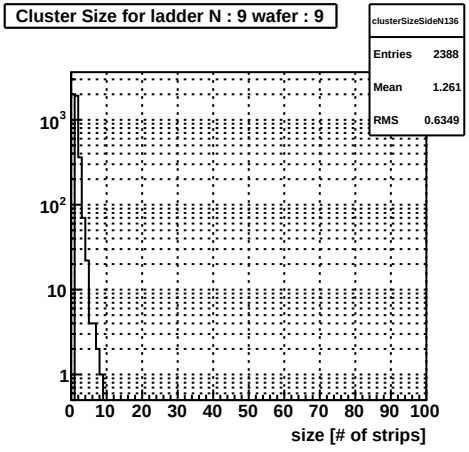

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7297
Mean 1.173
RMS 0.5245
size [# of strips]

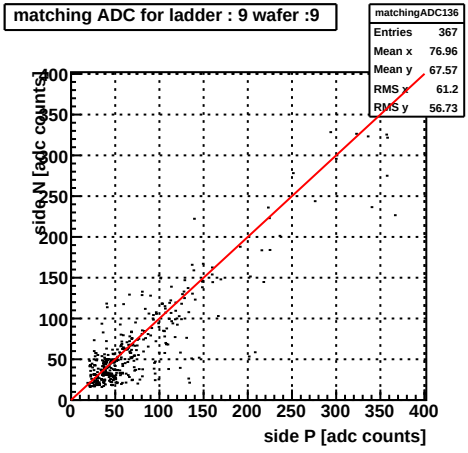

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1159
Mean x 53.84
Mean y 52.76
RMS x 49.56
RMS y 52.64
side N [adc counts]
side P [adc counts]

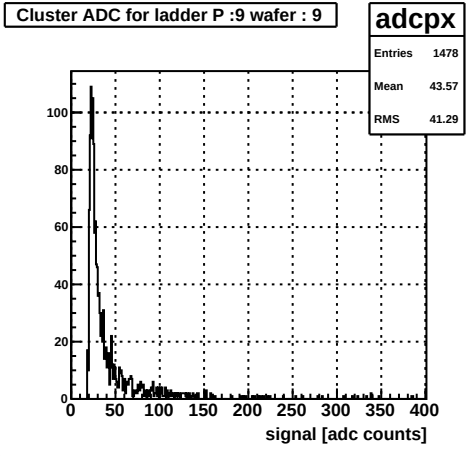

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 17793
Mean 29.89
RMS 23.47
signal [adc counts]

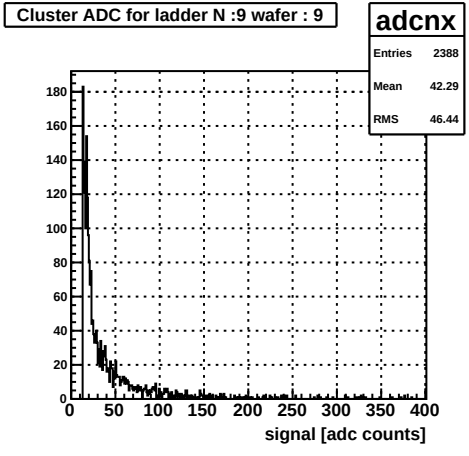

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7297
Mean 29.21
RMS 32.15
signal [adc counts]

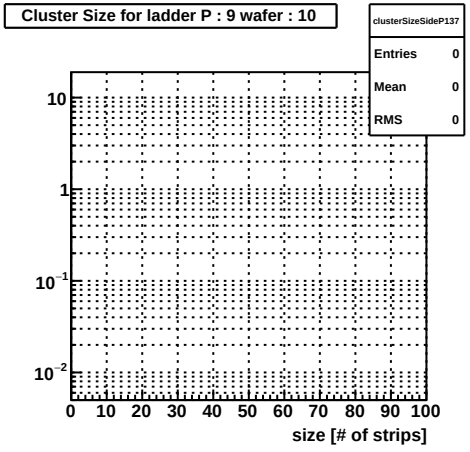

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1478
Mean 1.133
RMS 0.3985
size [# of strips]

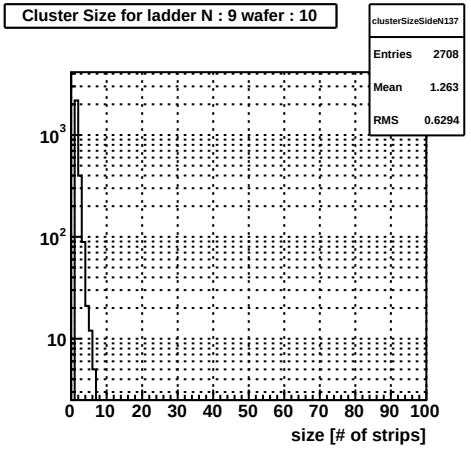

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2388
Mean 1.261
RMS 0.6349
size [# of strips]

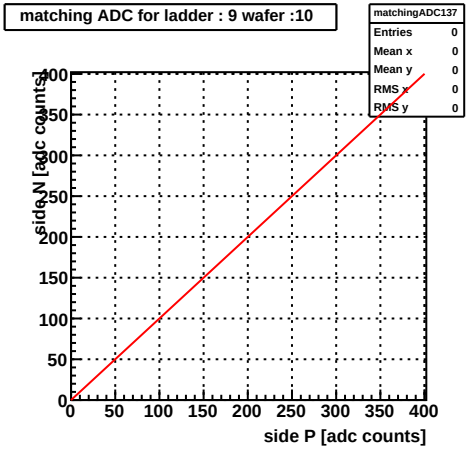

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 367
Mean x 76.96
Mean y 67.57
RMS x 61.2
RMS y 56.73
side N [adc counts]
side P [adc counts]

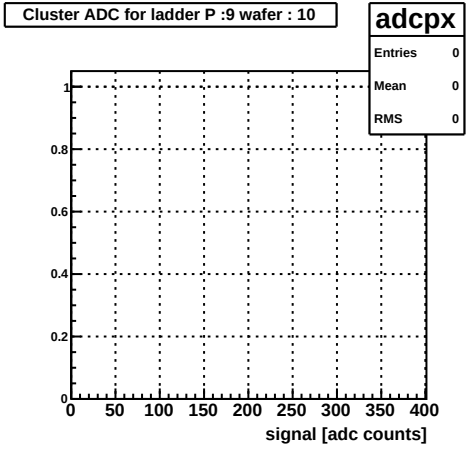

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1478
Mean 43.57
RMS 41.29
signal [adc counts]

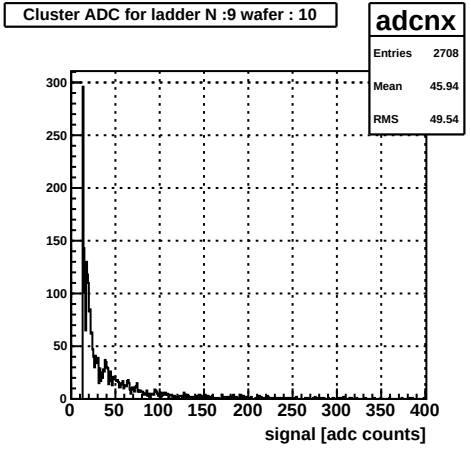

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2388
Mean 42.29
RMS 46.44
signal [adc counts]

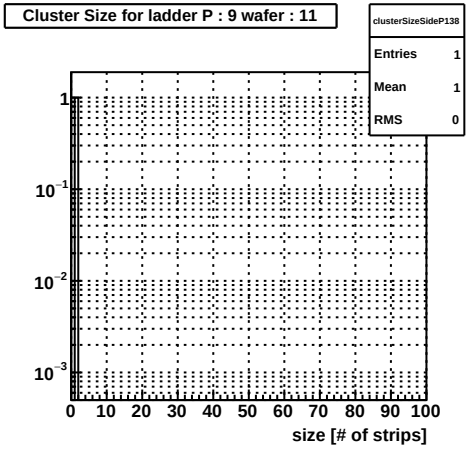

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

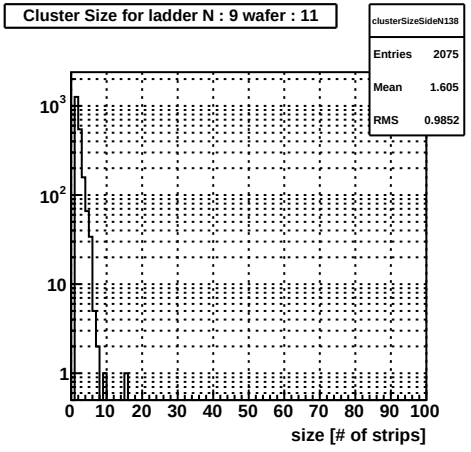

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2708
Mean 1.263
RMS 0.6294
size [# of strips]

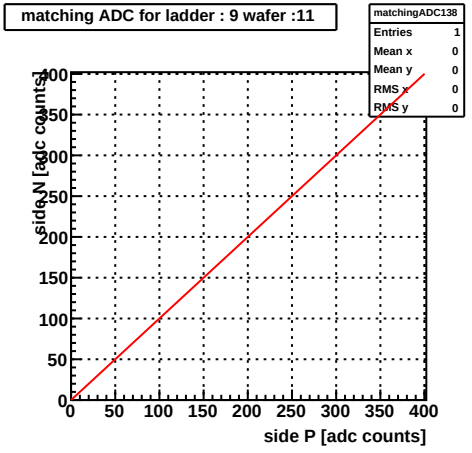

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

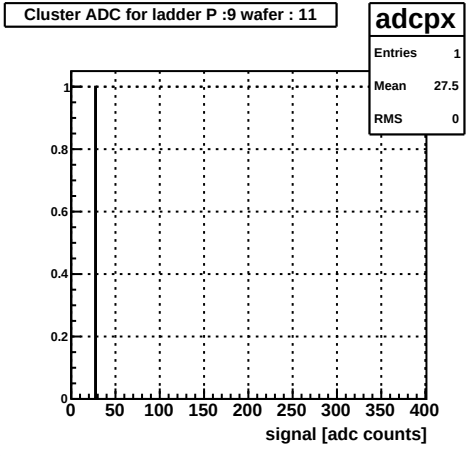

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

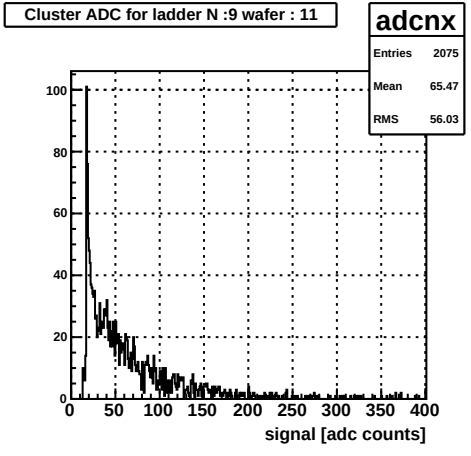

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2708
Mean 45.94
RMS 49.54
signal [adc counts]

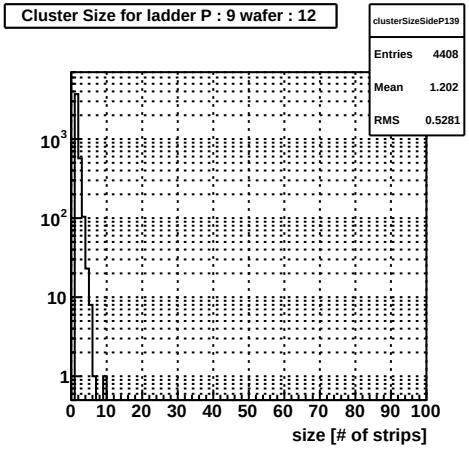

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

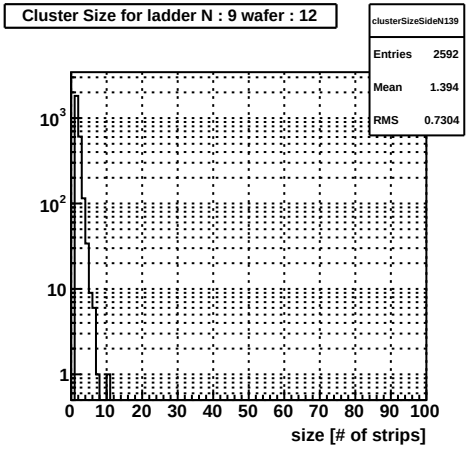

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2075
Mean 1.605
RMS 0.9852
size [# of strips]

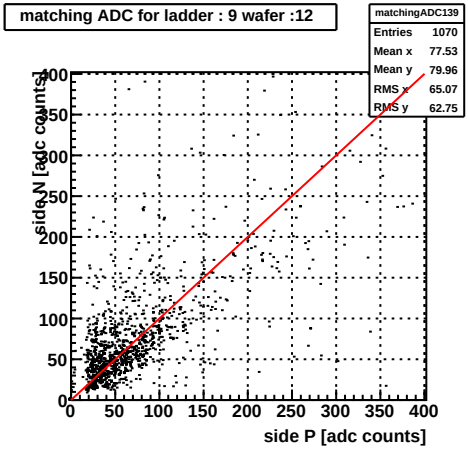

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

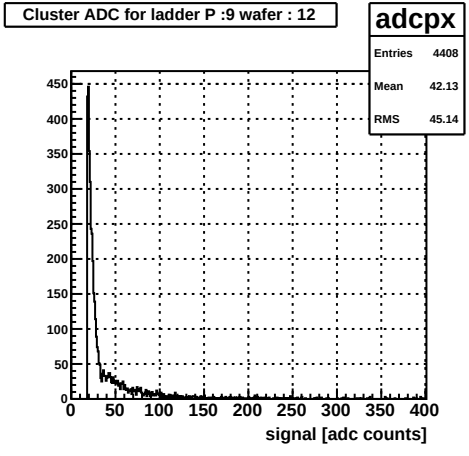

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 27.5
RMS 0
signal [adc counts]

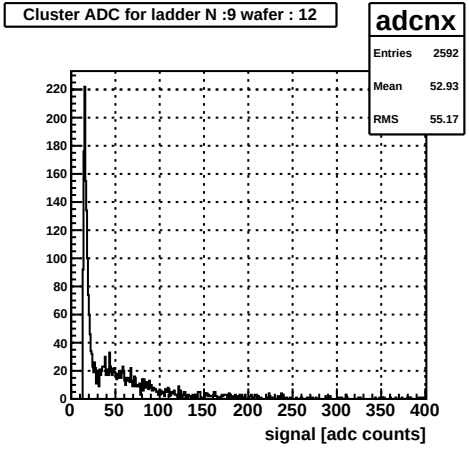

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2075
Mean 65.47
RMS 56.03
signal [adc counts]

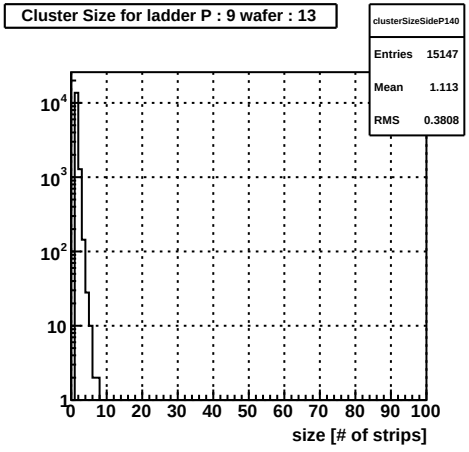

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4408
Mean 1.202
RMS 0.5281
size [# of strips]

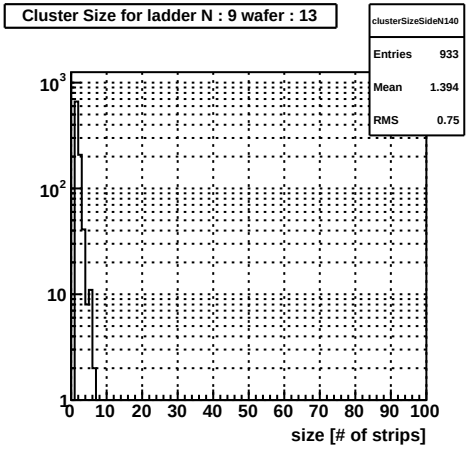

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2592
Mean 1.394
RMS 0.7304
size [# of strips]

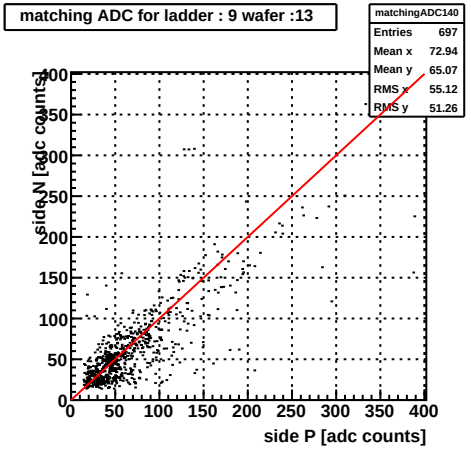

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1070
Mean x 77.53
Mean y 79.96
RMS x 65.07
RMS y 62.75
side N [adc counts]
side P [adc counts]

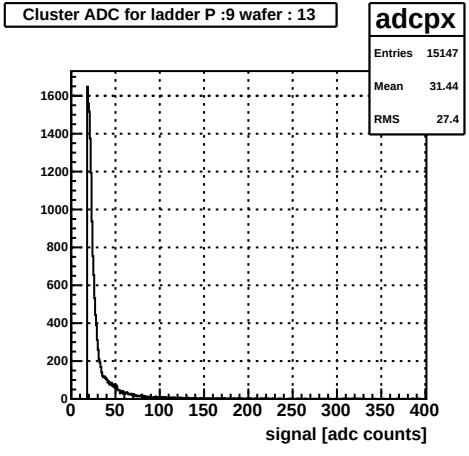

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4408
Mean 42.13
RMS 45.14
signal [adc counts]

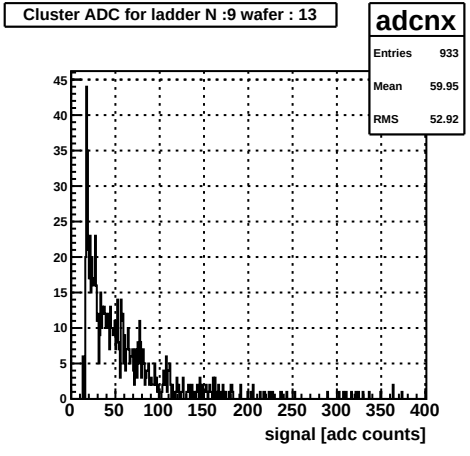

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2592
Mean 52.93
RMS 55.17
signal [adc counts]

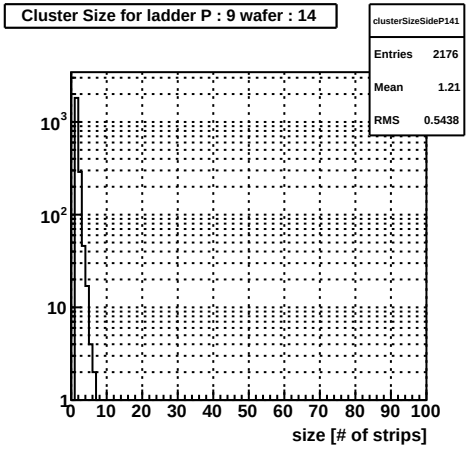

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 15147
Mean 1.113
RMS 0.3808
size [# of strips]

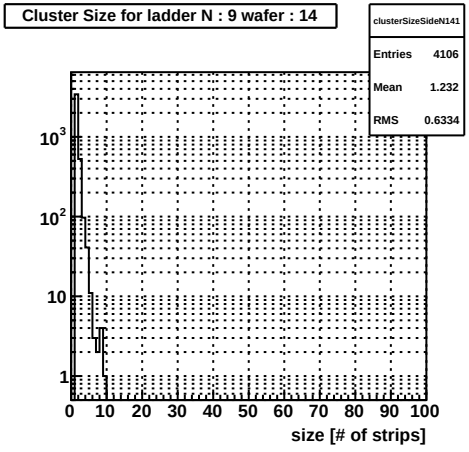

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 933
Mean 1.394
RMS 0.75
size [# of strips]

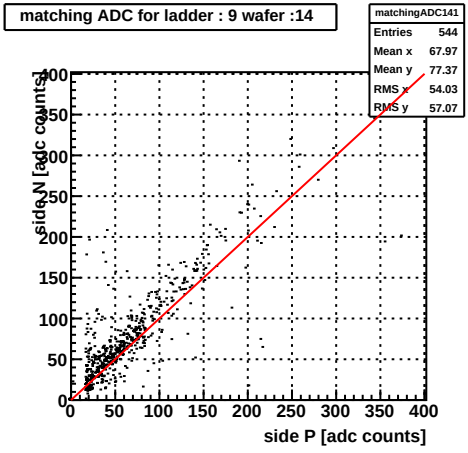

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 697
Mean x 72.94
Mean y 65.07
RMS x 55.12
RMS y 51.26
side N [adc counts]
side P [adc counts]

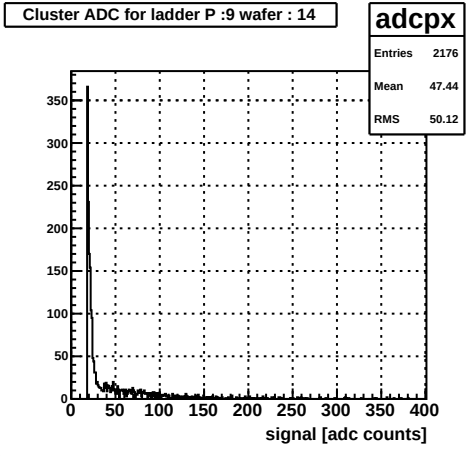

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 15147
Mean 31.44
RMS 27.4
signal [adc counts]

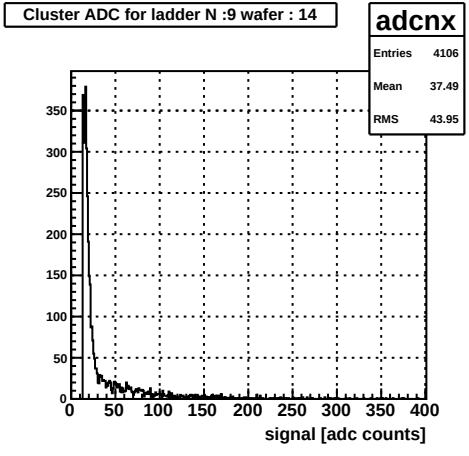

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 933
Mean 59.95
RMS 52.92
signal [adc counts]

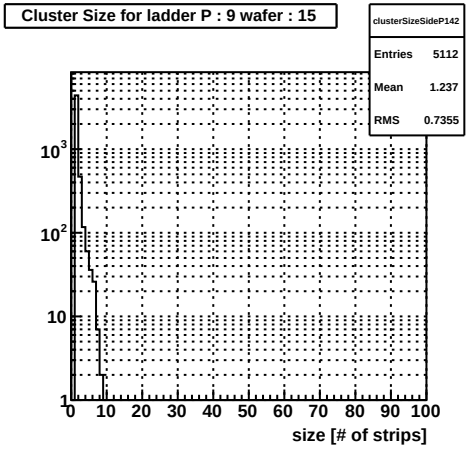

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2176
Mean 1.21
RMS 0.5438
size [# of strips]

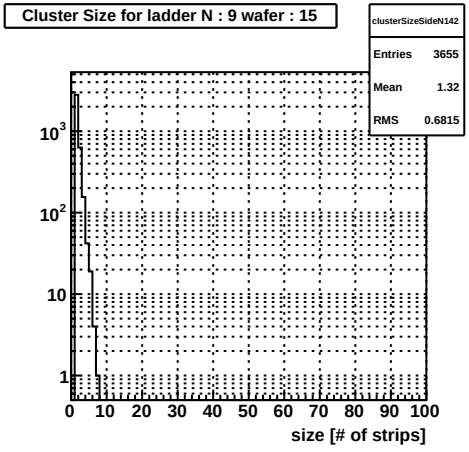

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4106
Mean 1.232
RMS 0.6334
size [# of strips]

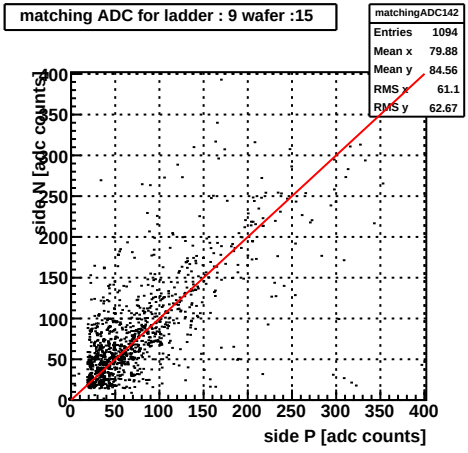

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 544
Mean x 67.97
Mean y 77.37
RMS x 54.03
RMS y 57.07
side N [adc counts]
side P [adc counts]

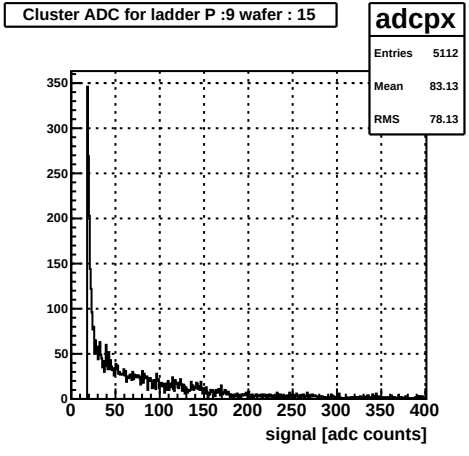

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2176
Mean 47.44
RMS 50.12
signal [adc counts]

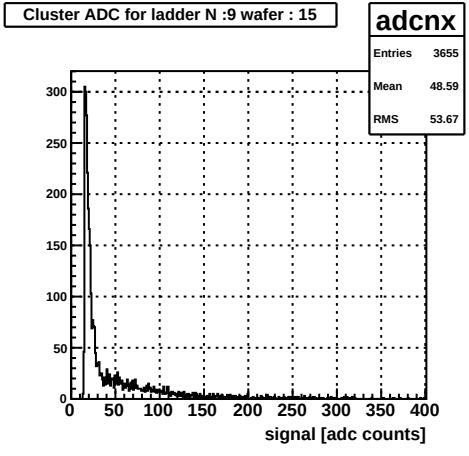

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4106
Mean 37.49
RMS 43.95
signal [adc counts]

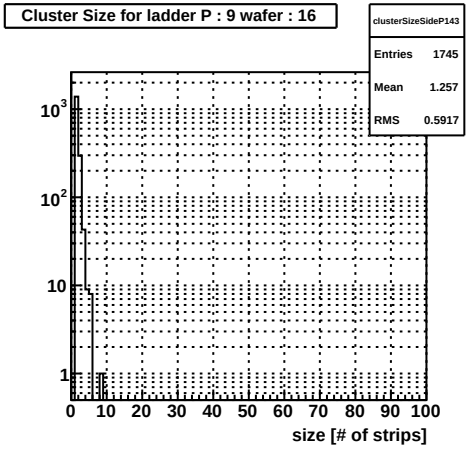

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5112
Mean 1.237
RMS 0.7355
size [# of strips]

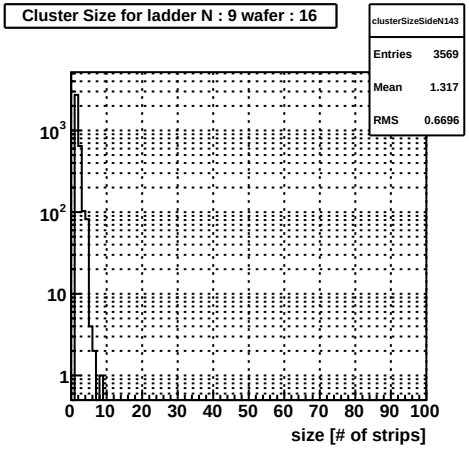

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3655
Mean 1.32
RMS 0.6815
size [# of strips]

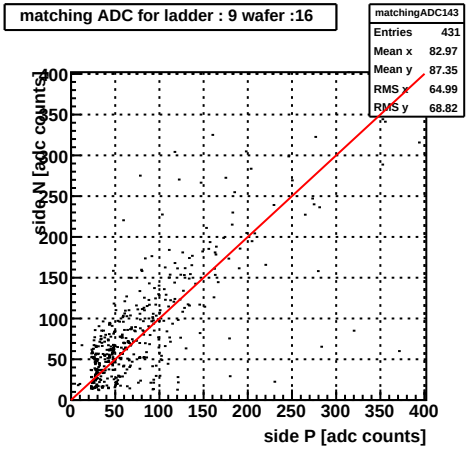

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1094
Mean x 79.88
Mean y 84.56
RMS x 61.1
RMS y 62.67
side N [adc counts]
side P [adc counts]

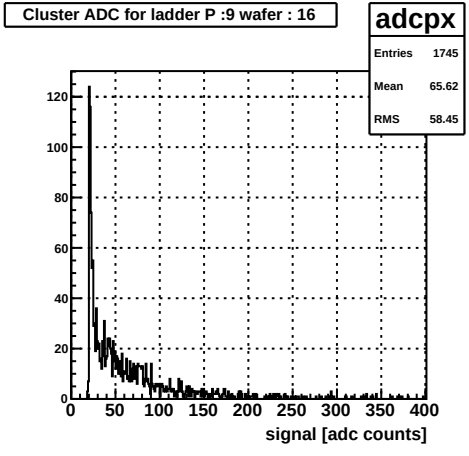

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5112
Mean 83.13
RMS 78.13
signal [adc counts]

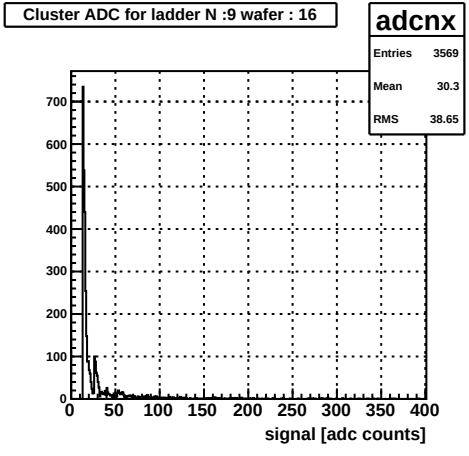

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3655
Mean 48.59
RMS 53.67
signal [adc counts]

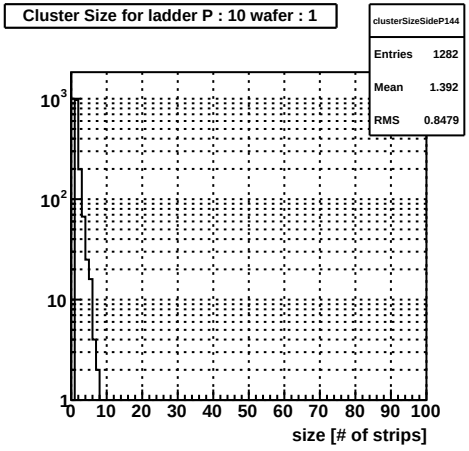

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1745
Mean 1.257
RMS 0.5917
size [# of strips]

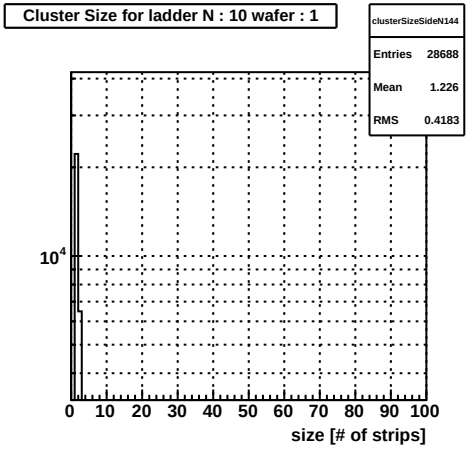

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3569
Mean 1.317
RMS 0.6696
size [# of strips]

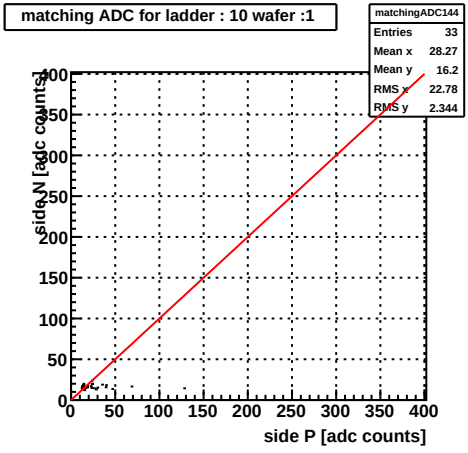

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 431
Mean x 82.97
Mean y 87.35
RMS x 64.99
RMS y 68.82
side N [adc counts]
side P [adc counts]

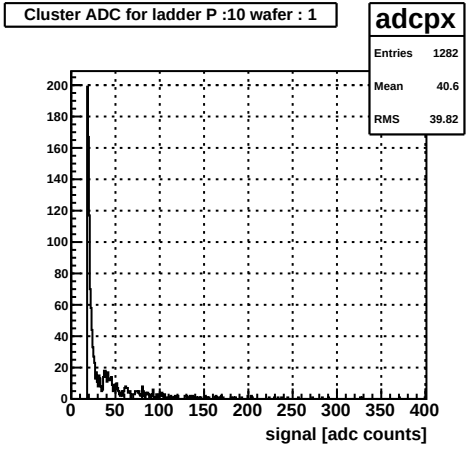

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1745
Mean 65.62
RMS 58.45
signal [adc counts]

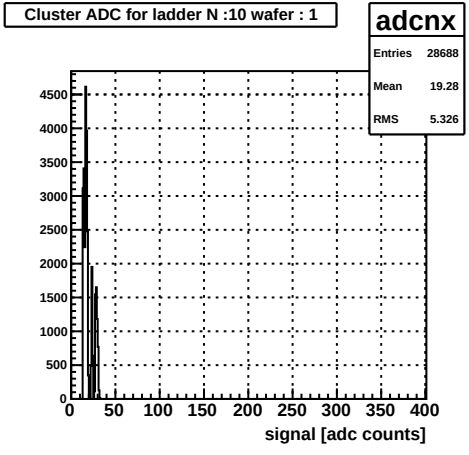

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3569
Mean 30.3
RMS 38.65
signal [adc counts]

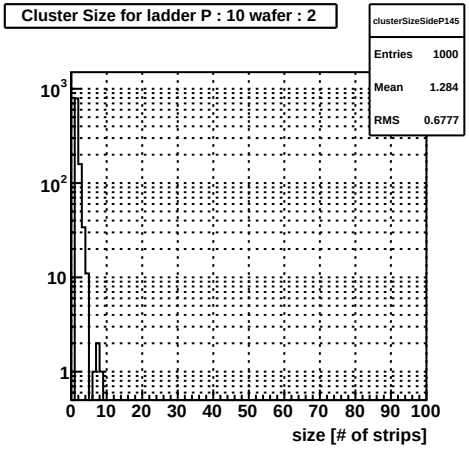

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1282
Mean 1.392
RMS 0.8479
size [# of strips]

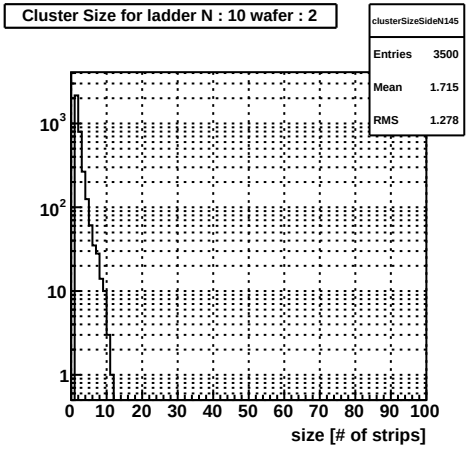

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 28688
Mean 1.226
RMS 0.4183
size [# of strips]

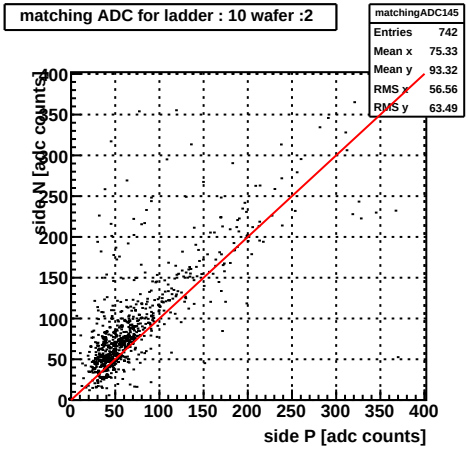

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 33
Mean x 28.27
Mean y 16.2
RMS x 22.78
RMS y 2.344
side N [adc counts]
side P [adc counts]

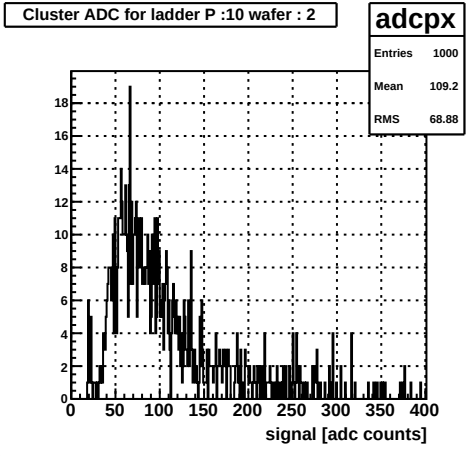

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1282
Mean 40.6
RMS 39.82
signal [adc counts]

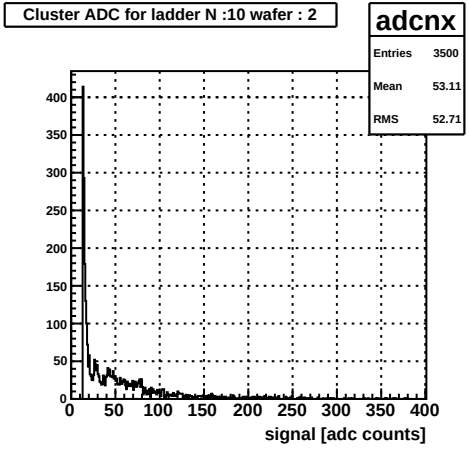

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 28688
Mean 19.28
RMS 5.326
signal [adc counts]

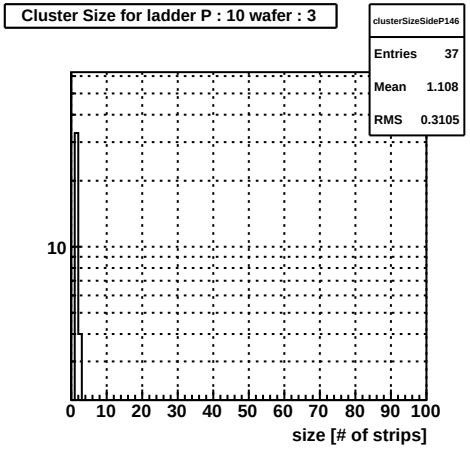

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1000
Mean 1.284
RMS 0.6777
size [# of strips]

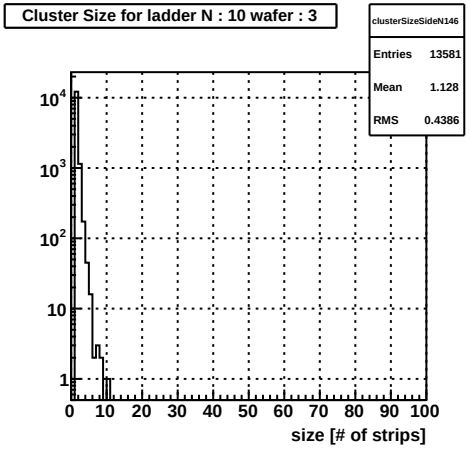

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3500
Mean 1.715
RMS 1.278
size [# of strips]

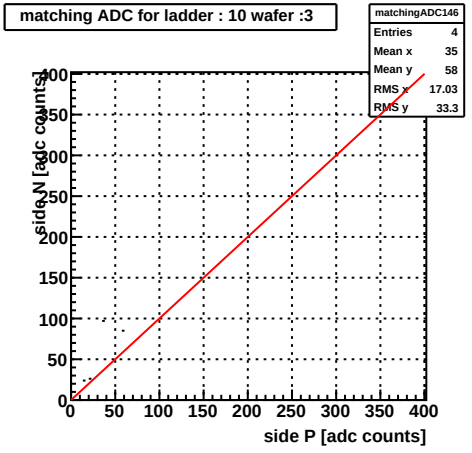

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 742
Mean x 75.33
Mean y 93.32
RMS x 56.56
RMS y 63.49
side N [adc counts]
side P [adc counts]

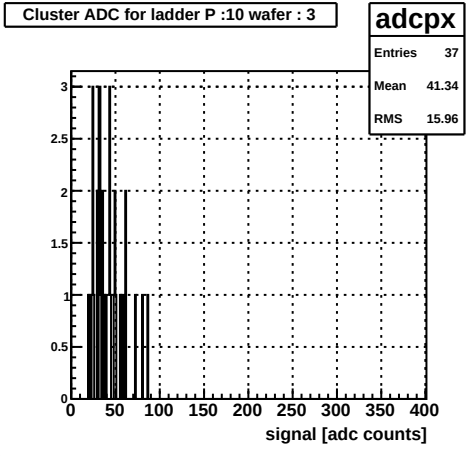

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1000
Mean 109.2
RMS 68.88
signal [adc counts]

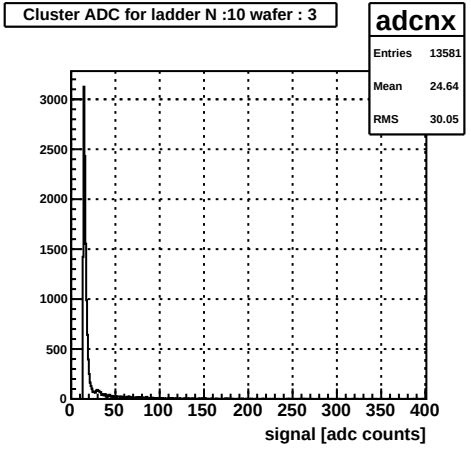

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3500
Mean 53.11
RMS 52.71
signal [adc counts]

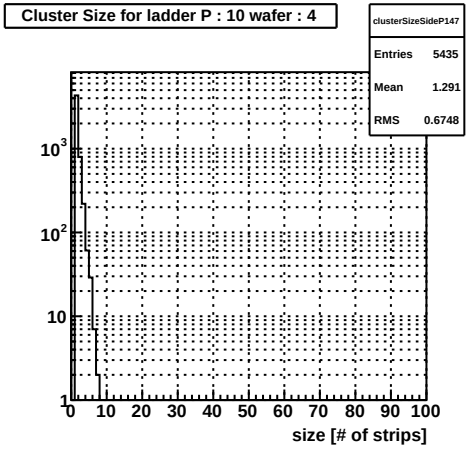

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 37
Mean 1.108
RMS 0.3105
size [# of strips]

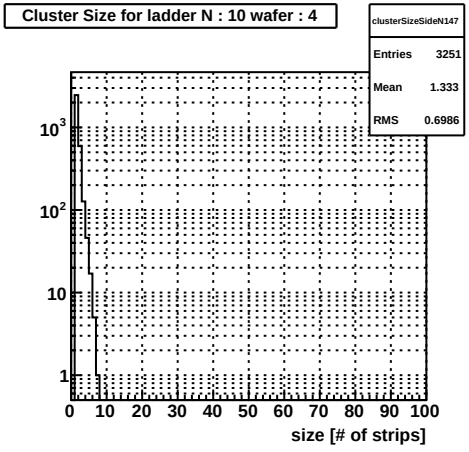

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13581
Mean 1.128
RMS 0.4386
size [# of strips]

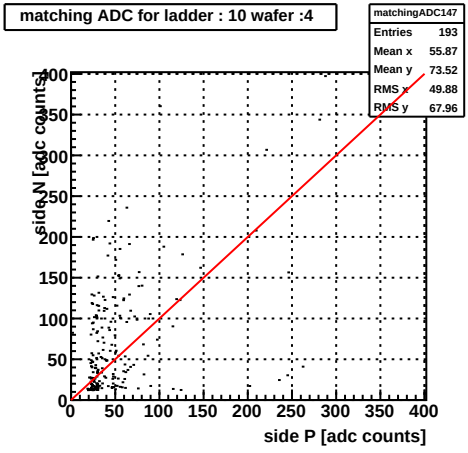

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 4
Mean x 35
Mean y 58
RMS x 17.03
RMS y 33.3
side N [adc counts]
side P [adc counts]

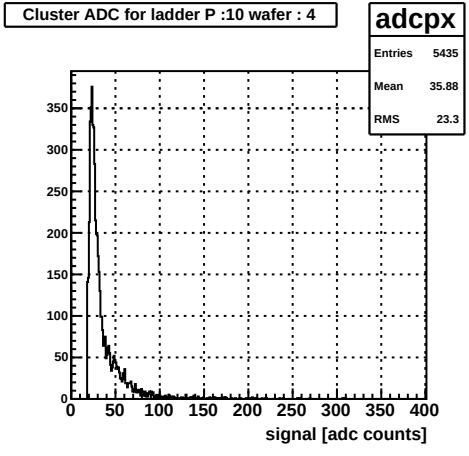

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 37
Mean 41.34
RMS 15.96
signal [adc counts]

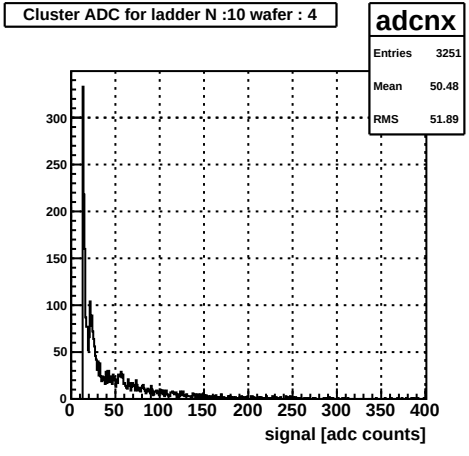

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13581
Mean 24.64
RMS 30.05
signal [adc counts]

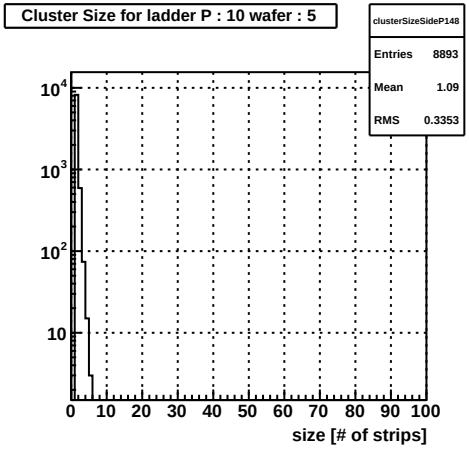

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5435
Mean 1.291
RMS 0.6748
size [# of strips]

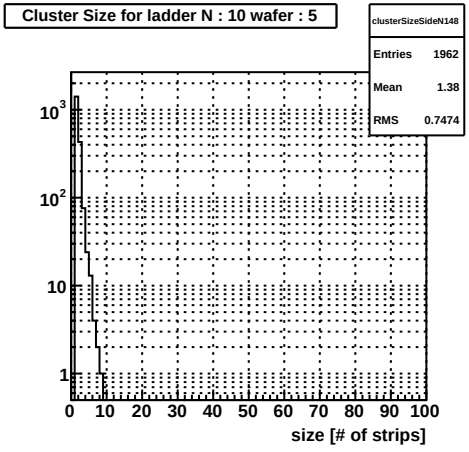

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3251
Mean 1.333
RMS 0.6986
size [# of strips]

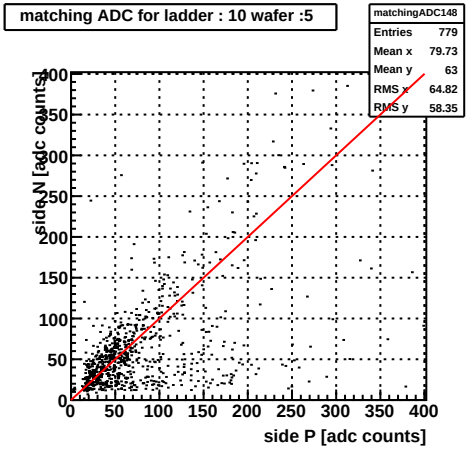

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 193
Mean x 55.87
Mean y 73.52
RMS x 49.88
RMS y 67.96
side N [adc counts]
side P [adc counts]

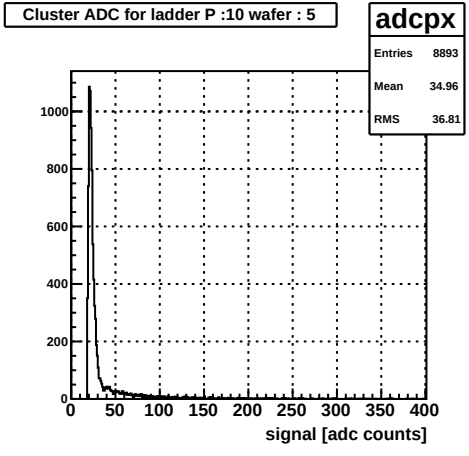

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5435
Mean 35.88
RMS 23.3
signal [adc counts]

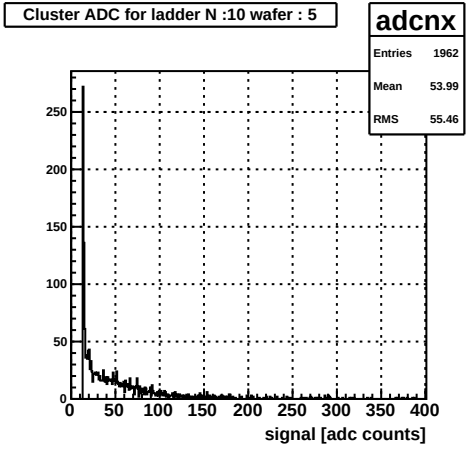

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3251
Mean 50.48
RMS 51.89
signal [adc counts]

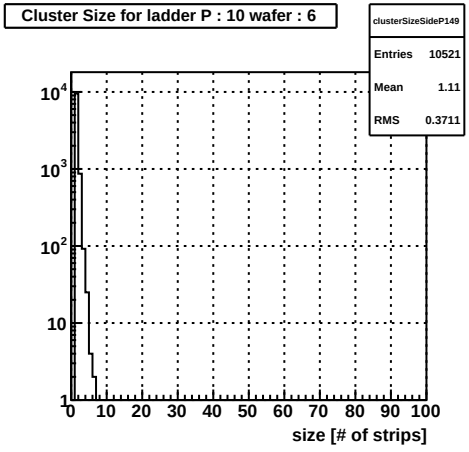

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8893
Mean 1.09
RMS 0.3353
size [# of strips]

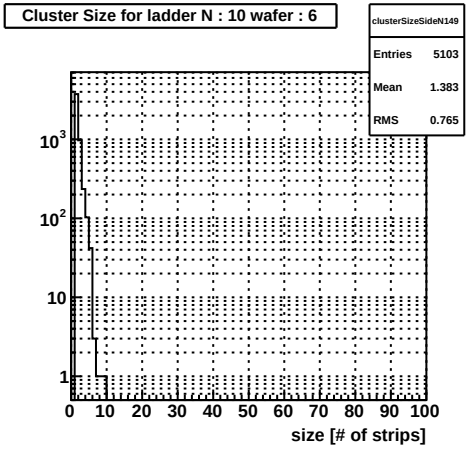

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1962
Mean 1.38
RMS 0.7474
size [# of strips]

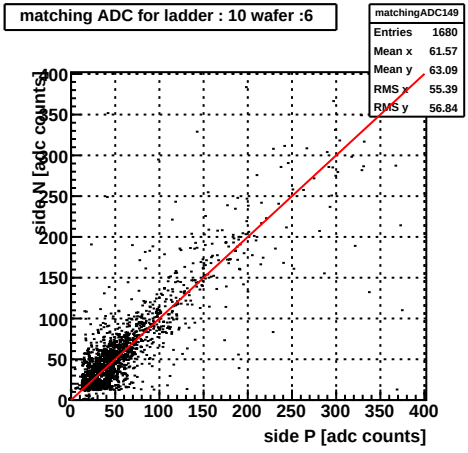

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 779
Mean x 79.73
Mean y 63
RMS x 64.82
RMS y 58.35
side N [adc counts]
side P [adc counts]

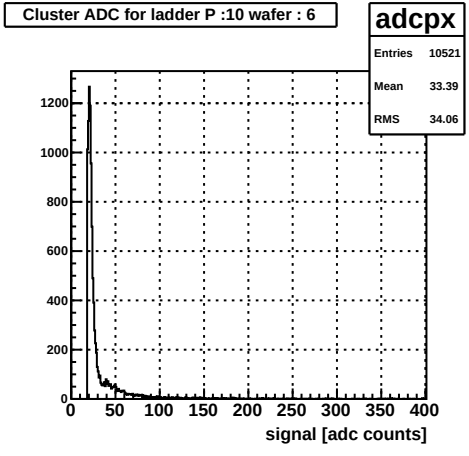

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8893
Mean 34.96
RMS 36.81
signal [adc counts]

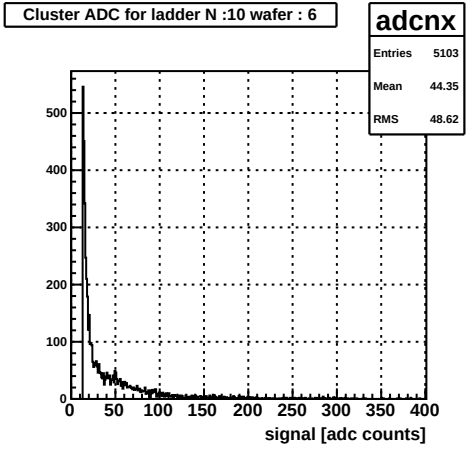

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1962
Mean 53.99
RMS 55.46
signal [adc counts]

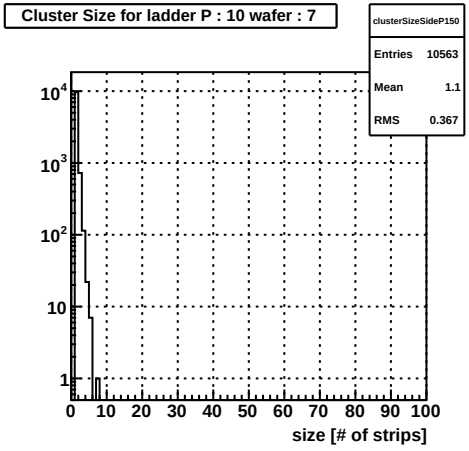

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10521
Mean 1.11
RMS 0.3711
size [# of strips]

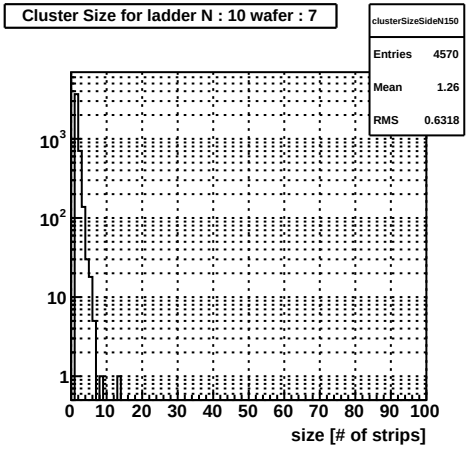

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5103
Mean 1.383
RMS 0.765
size [# of strips]

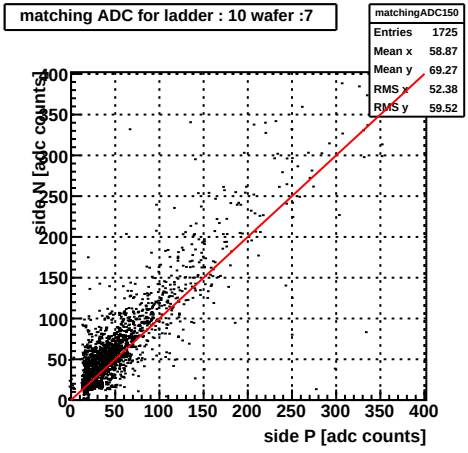

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1680
Mean x 61.57
Mean y 63.09
RMS x 55.39
RMS y 56.84
side N [adc counts]
side P [adc counts]

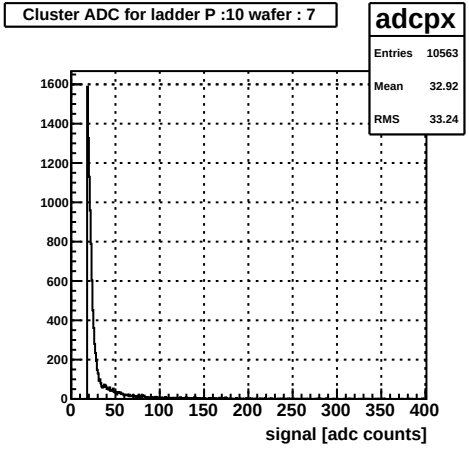

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10521
Mean 33.39
RMS 34.06
signal [adc counts]

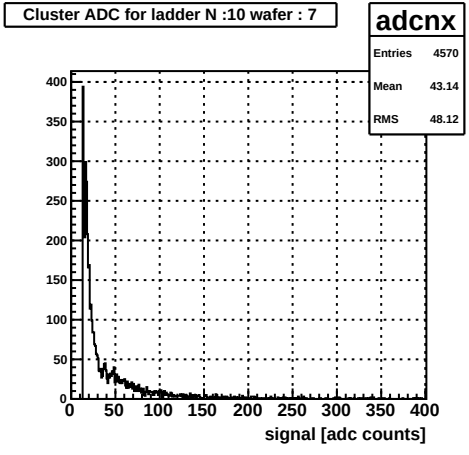

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5103
Mean 44.35
RMS 48.62
signal [adc counts]

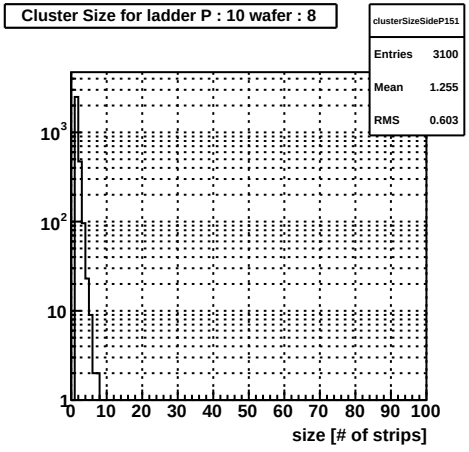

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10563
Mean 1.1
RMS 0.367
size [# of strips]

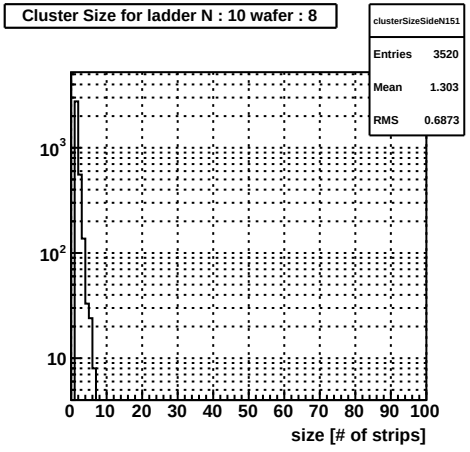

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4570
Mean 1.26
RMS 0.6318
size [# of strips]

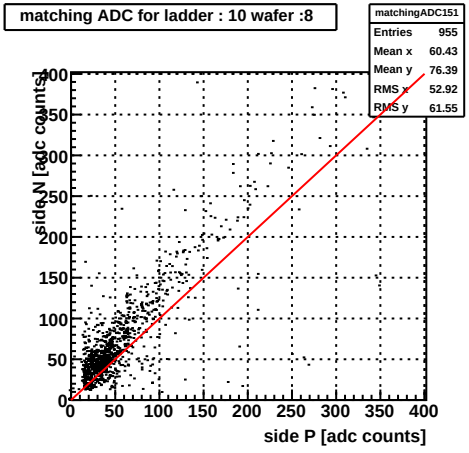

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1725
Mean x 58.87
Mean y 69.27
RMS x 52.38
RMS y 59.52
side N [adc counts]
side P [adc counts]

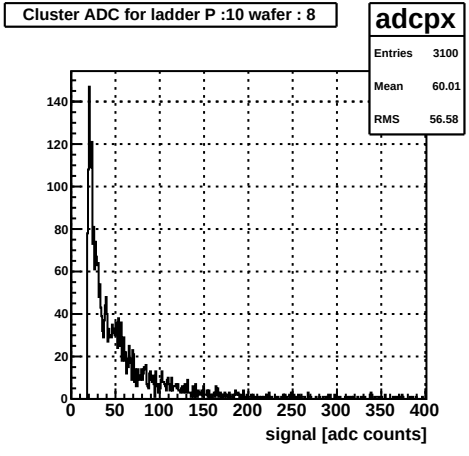

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10563
Mean 32.92
RMS 33.24
signal [adc counts]

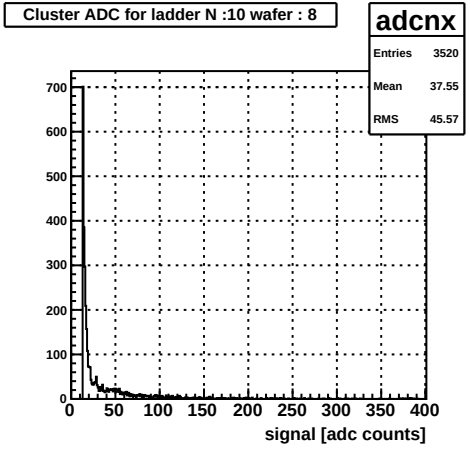

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4570
Mean 43.14
RMS 48.12
signal [adc counts]

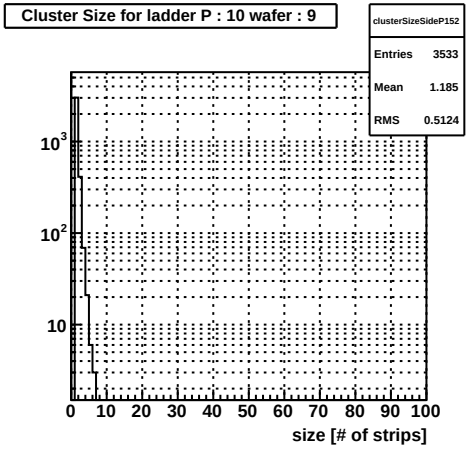

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3100
Mean 1.255
RMS 0.603
size [# of strips]

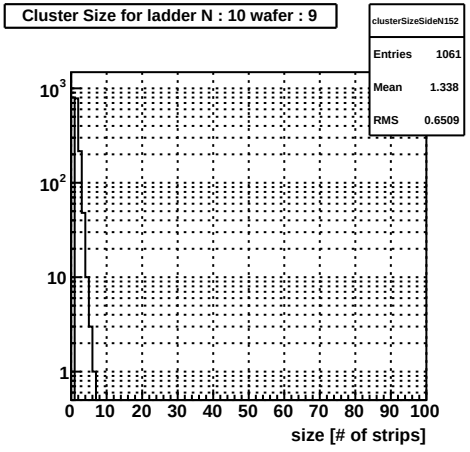

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3520
Mean 1.303
RMS 0.6873
size [# of strips]

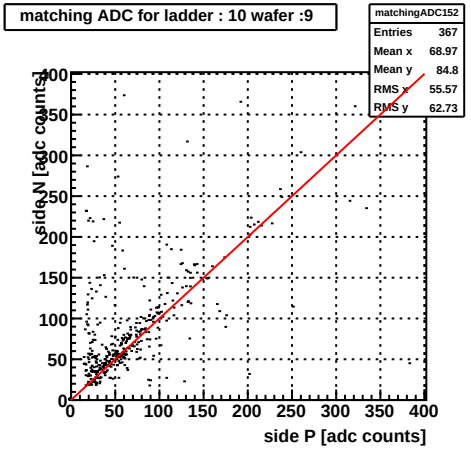

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 955
Mean x 60.43
Mean y 76.39
RMS x 52.92
RMS y 61.55
side N [adc counts]
side P [adc counts]

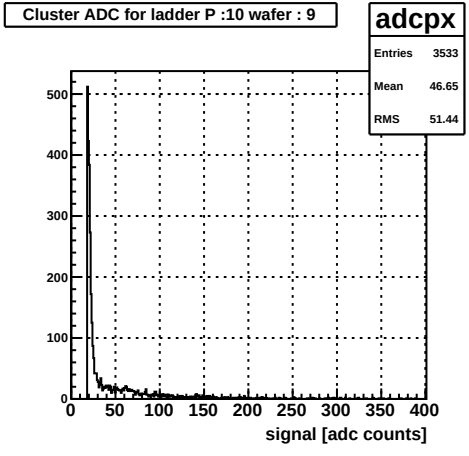

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3100
Mean 60.01
RMS 56.58
signal [adc counts]

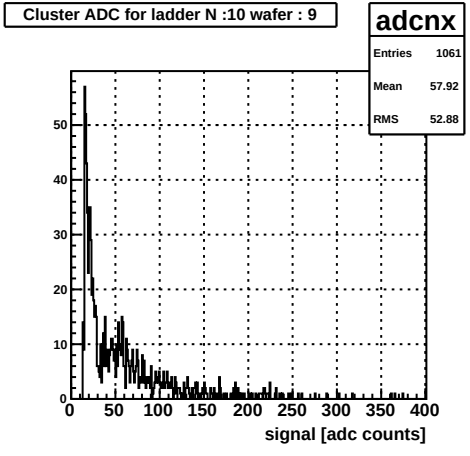

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3520
Mean 37.55
RMS 45.57
signal [adc counts]

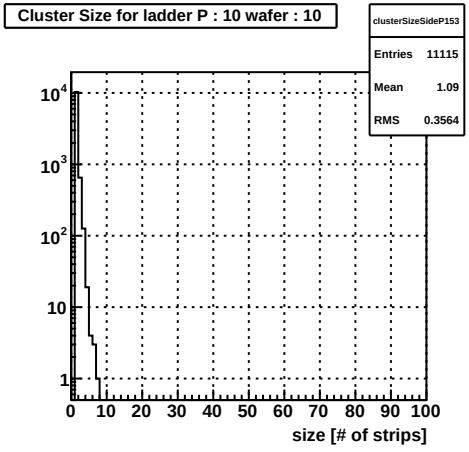

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3533
Mean 1.185
RMS 0.5124
size [# of strips]

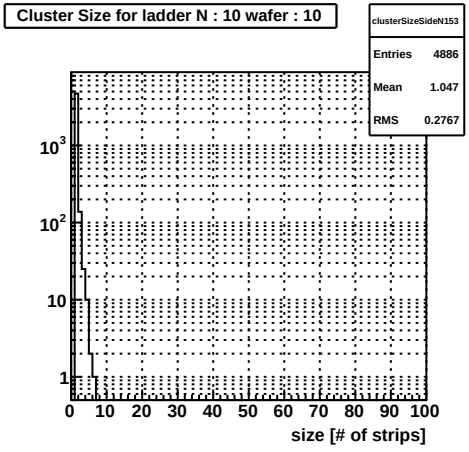

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1061
Mean 1.338
RMS 0.6509
size [# of strips]

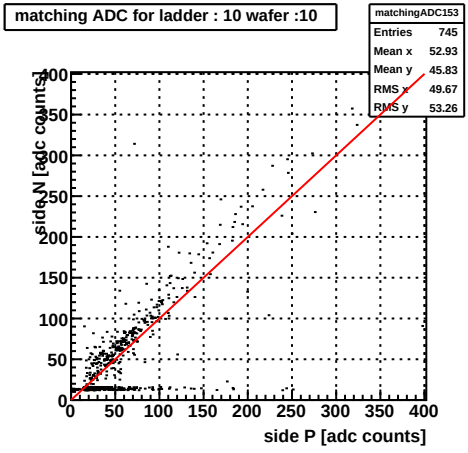

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 367
Mean x 68.97
Mean y 84.8
RMS x 55.57
RMS y 62.73
side N [adc counts]
side P [adc counts]

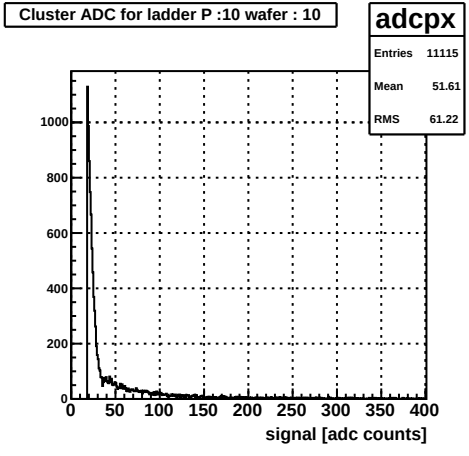

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3533
Mean 46.65
RMS 51.44
signal [adc counts]

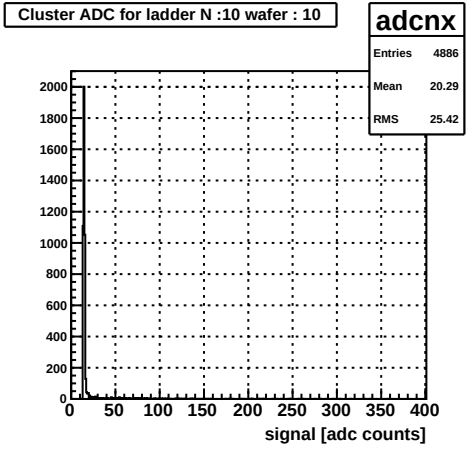

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1061
Mean 57.92
RMS 52.88
signal [adc counts]

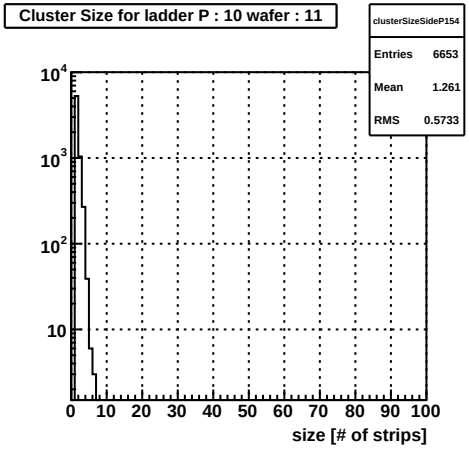

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11115
Mean 1.09
RMS 0.3564
size [# of strips]

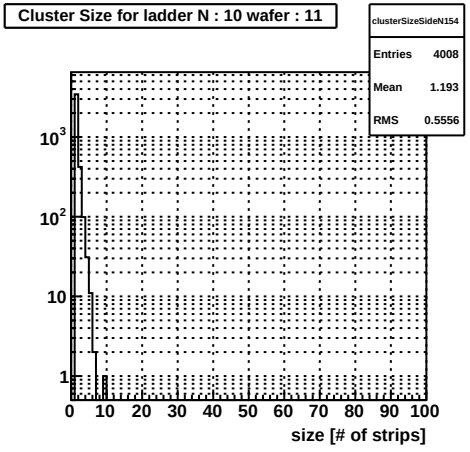

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 4886
Mean 1.047
RMS 0.2767
size [# of strips]

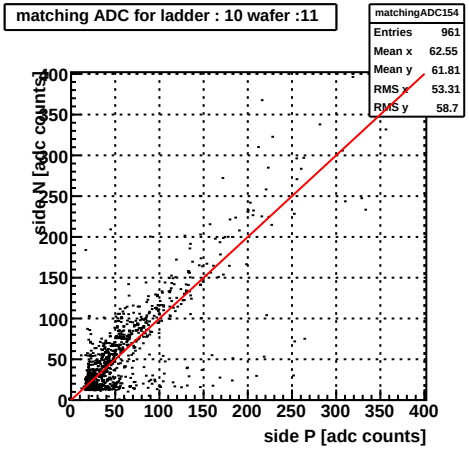

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 745
Mean x 52.93
Mean y 45.83
RMS x 49.67
RMS y 53.26
side N [adc counts]
side P [adc counts]

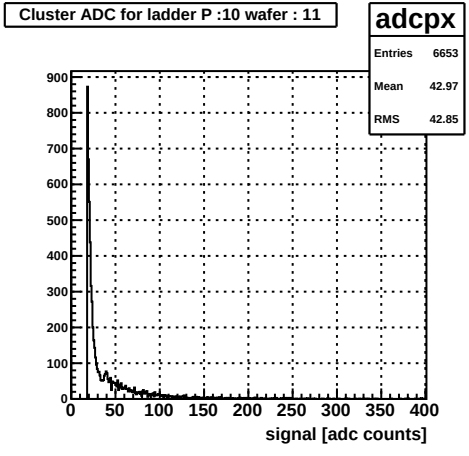

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11115
Mean 51.61
RMS 61.22
signal [adc counts]

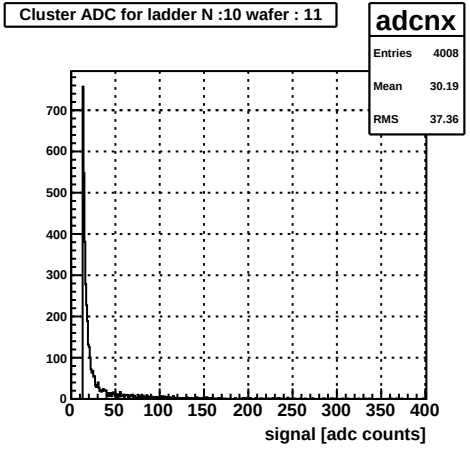

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 4886
Mean 20.29
RMS 25.42
signal [adc counts]

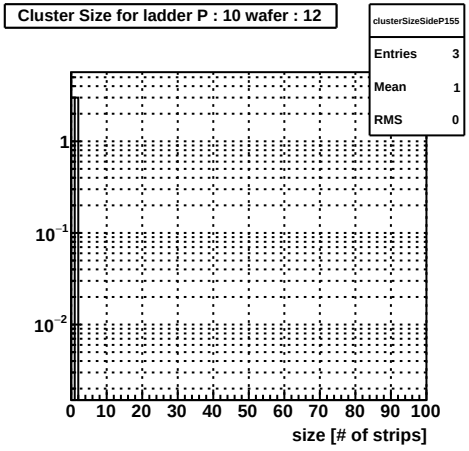

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6653
Mean 1.261
RMS 0.5733
size [# of strips]

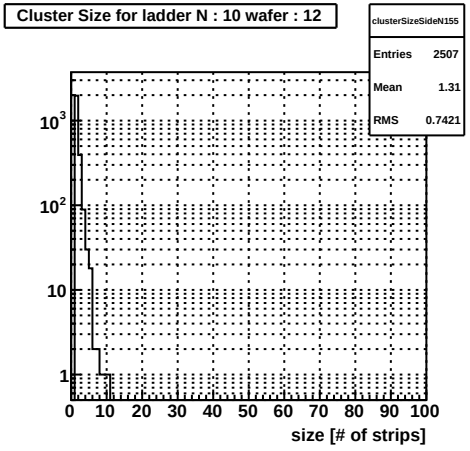

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4008
Mean 1.193
RMS 0.5556
size [# of strips]

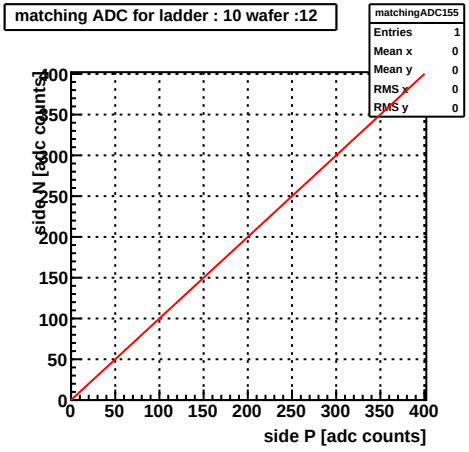

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 961
Mean x 62.55
Mean y 61.81
RMS x 53.31
RMS y 58.7
side N [adc counts]
side P [adc counts]

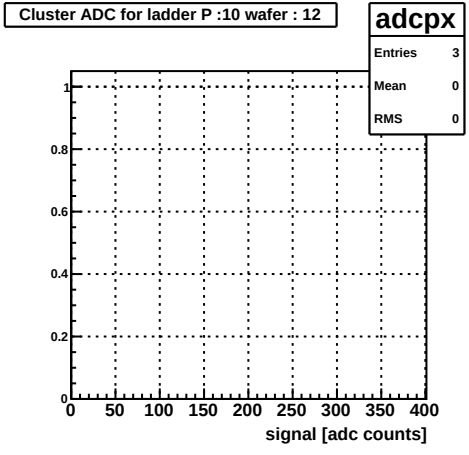

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6653
Mean 42.97
RMS 42.85
signal [adc counts]

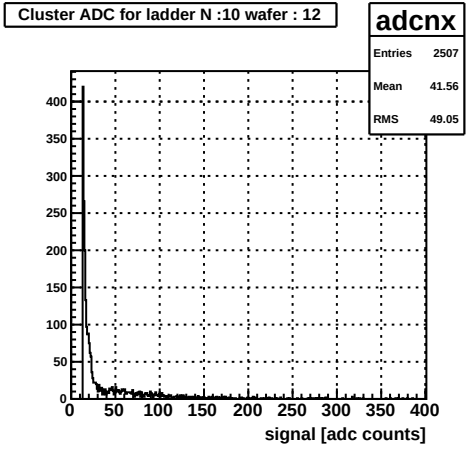

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4008
Mean 30.19
RMS 37.36
signal [adc counts]

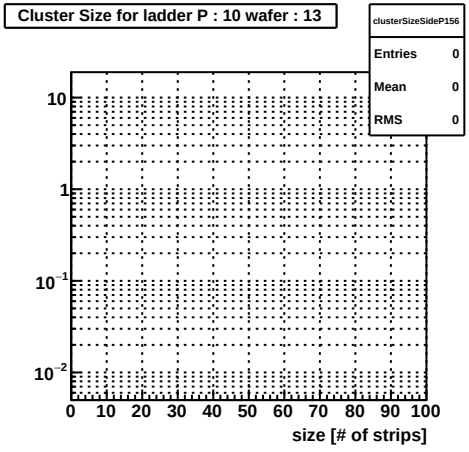

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 1
RMS 0
size [# of strips]

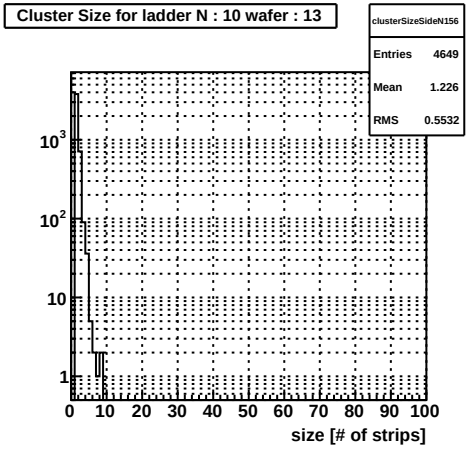

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2507
Mean 1.31
RMS 0.7421
size [# of strips]

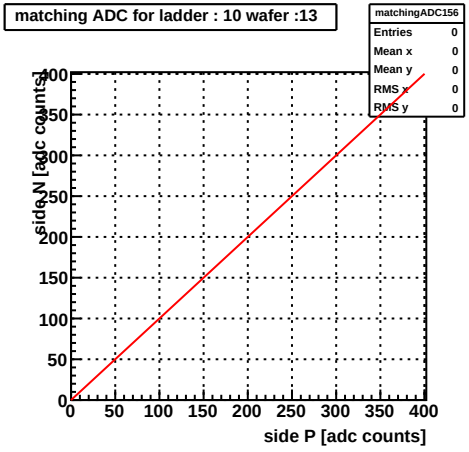

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

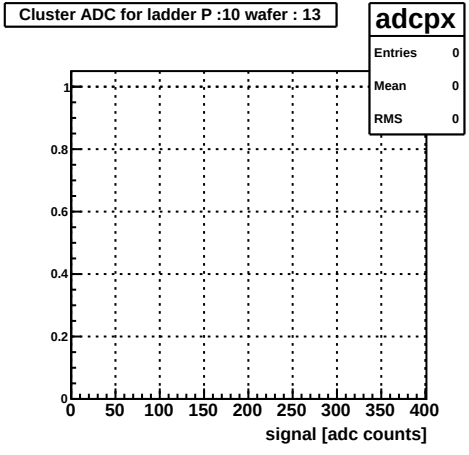

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

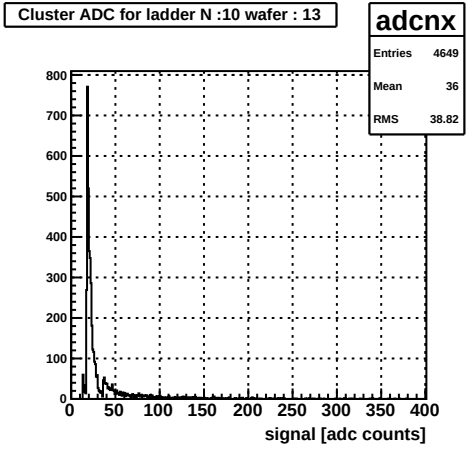

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2507
Mean 41.56
RMS 49.05
signal [adc counts]

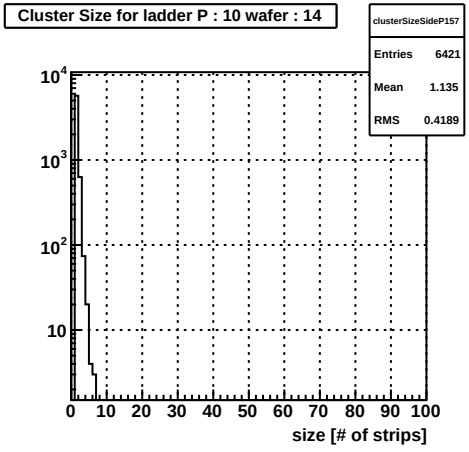

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

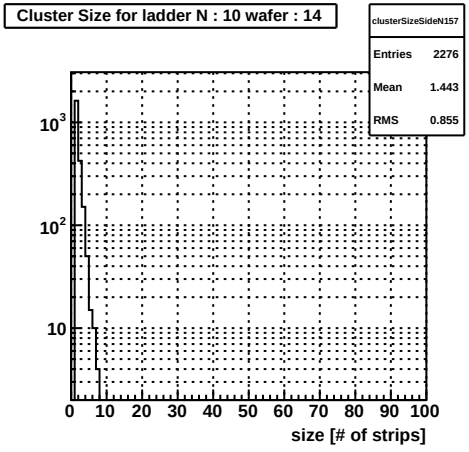

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4649
Mean 1.226
RMS 0.5532
size [# of strips]

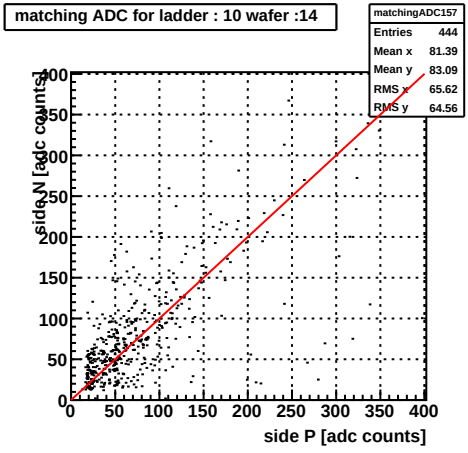

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

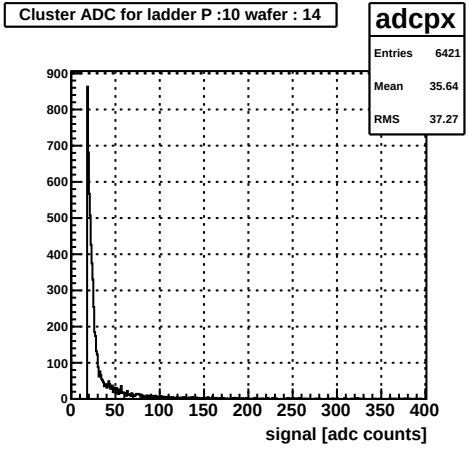

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

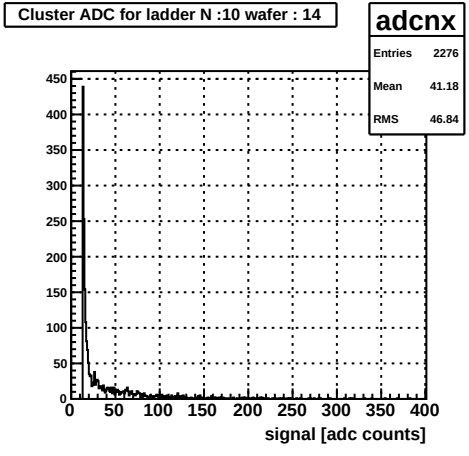

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4649
Mean 36
RMS 38.82
signal [adc counts]

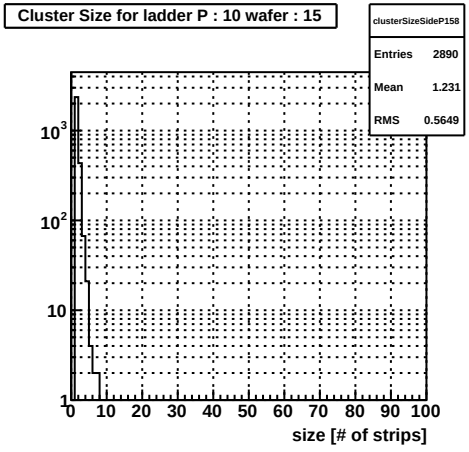

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6421
Mean 1.135
RMS 0.4189
size [# of strips]

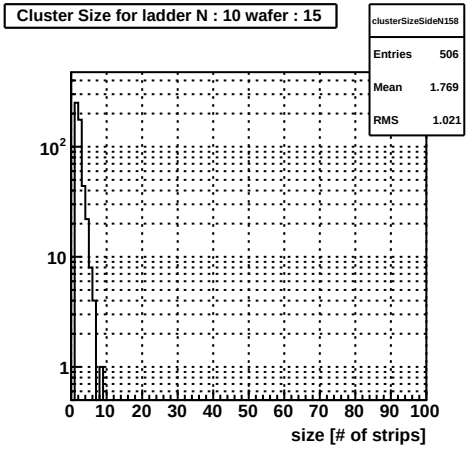

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2276
Mean 1.443
RMS 0.855
size [# of strips]

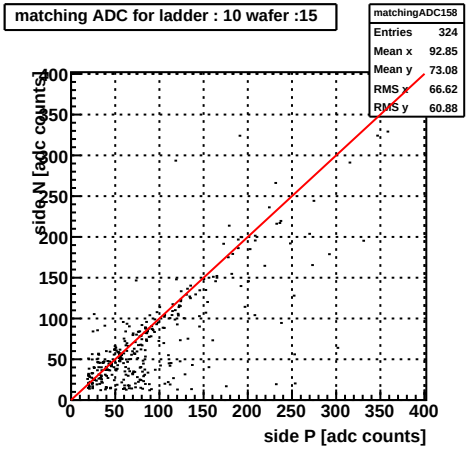

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 444
Mean x 81.39
Mean y 83.09
RMS x 65.62
RMS y 64.56
side N [adc counts]
side P [adc counts]

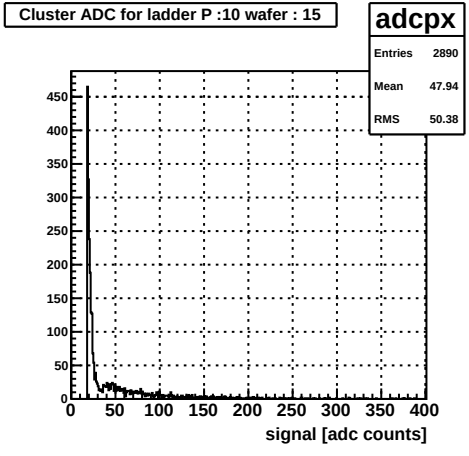

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6421
Mean 35.64
RMS 37.27
signal [adc counts]

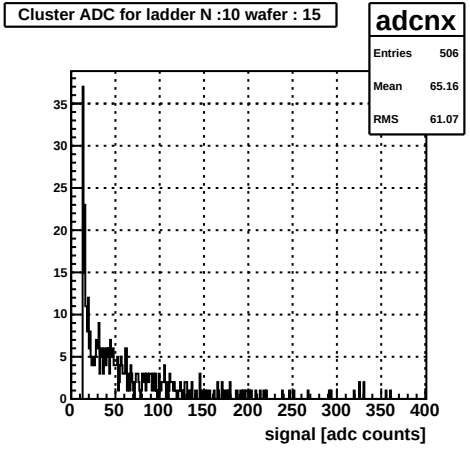

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2276
Mean 41.18
RMS 46.84
signal [adc counts]

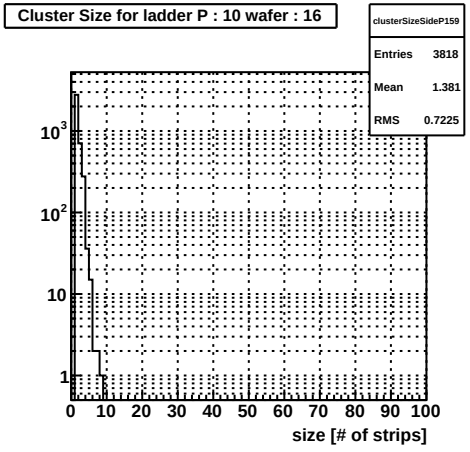

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2890
Mean 1.231
RMS 0.5649
size [# of strips]

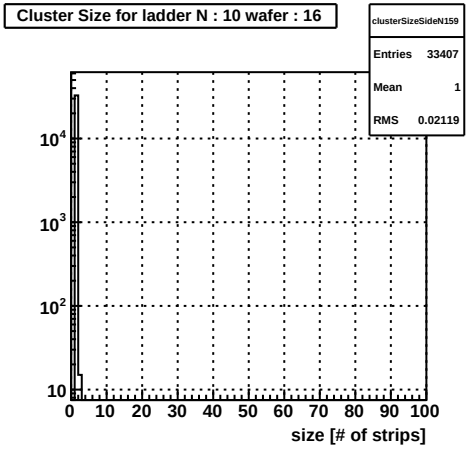

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 506
Mean 1.769
RMS 1.021
size [# of strips]

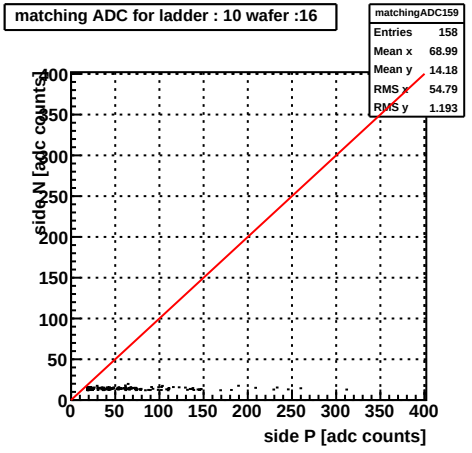

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 324
Mean x 92.85
Mean y 73.08
RMS x 66.62
RMS y 60.88
side N [adc counts]
side P [adc counts]

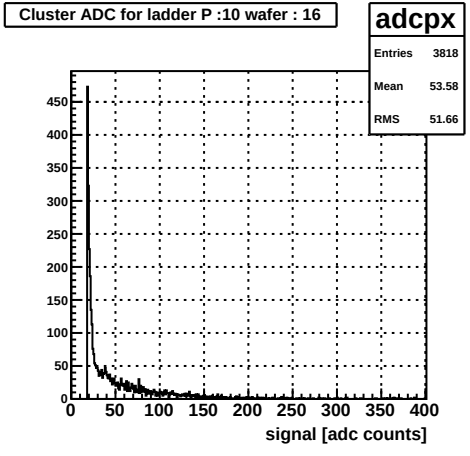

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2890
Mean 47.94
RMS 50.38
signal [adc counts]

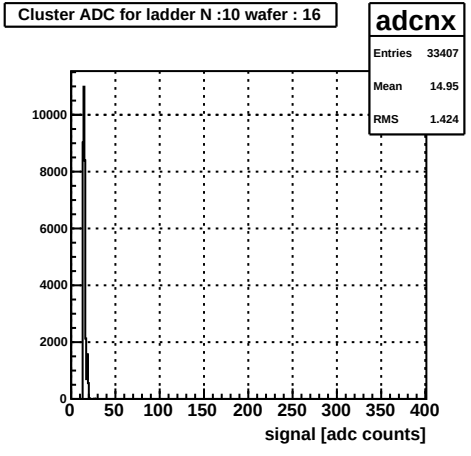

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 506
Mean 65.16
RMS 61.07
signal [adc counts]

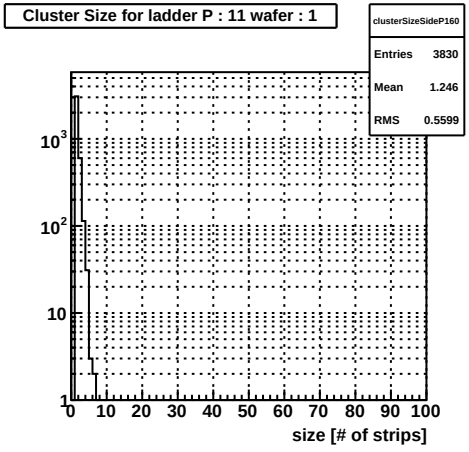

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3818
Mean 1.381
RMS 0.7225
size [# of strips]

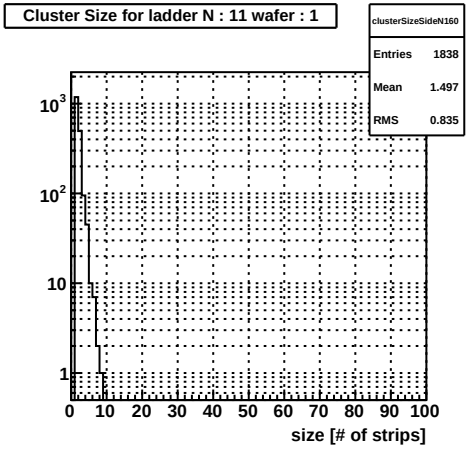

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 33407
Mean 1
RMS 0.02119
size [# of strips]

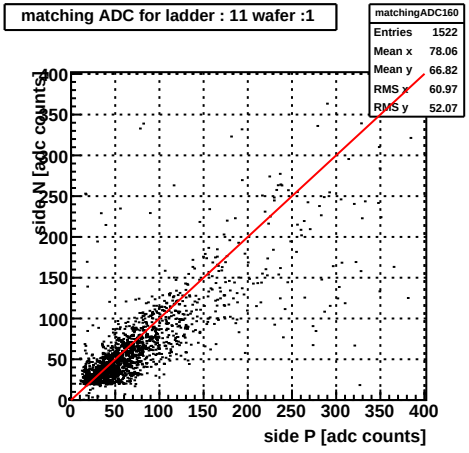

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 158
Mean x 68.99
Mean y 14.18
RMS x 54.79
RMS y 1.193
side N [adc counts]
side P [adc counts]

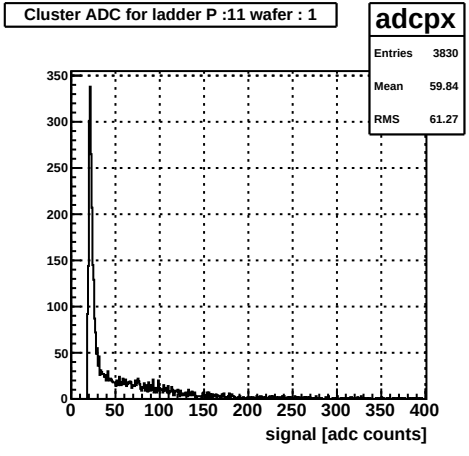

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3818
Mean 53.58
RMS 51.66
signal [adc counts]

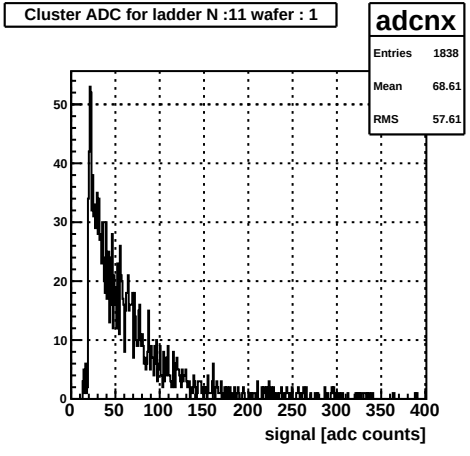

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 33407
Mean 14.95
RMS 1.424
signal [adc counts]

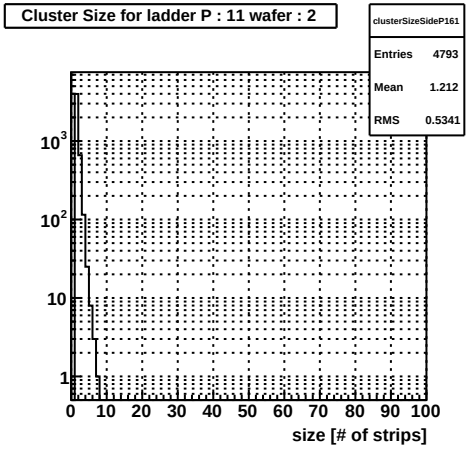

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3830
Mean 1.246
RMS 0.5599
size [# of strips]

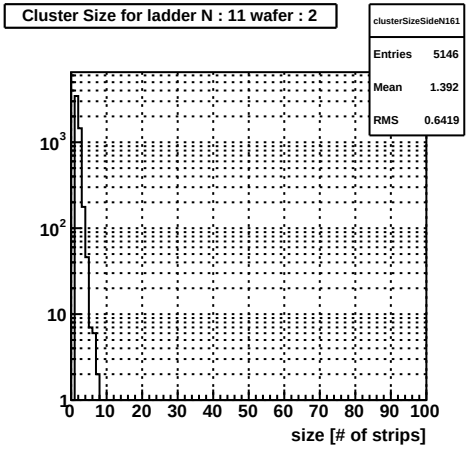

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1838
Mean 1.497
RMS 0.835
size [# of strips]

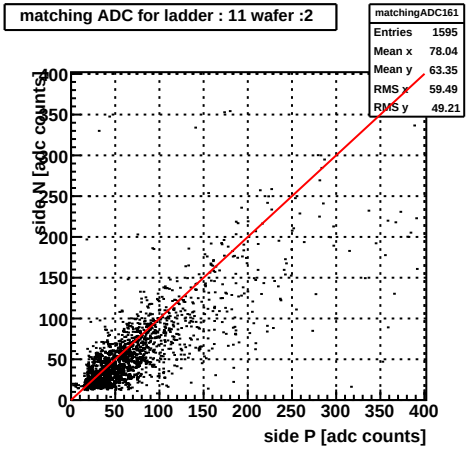

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1522
Mean x 78.06
Mean y 66.82
RMS x 60.97
RMS y 52.07
side N [adc counts]
side P [adc counts]

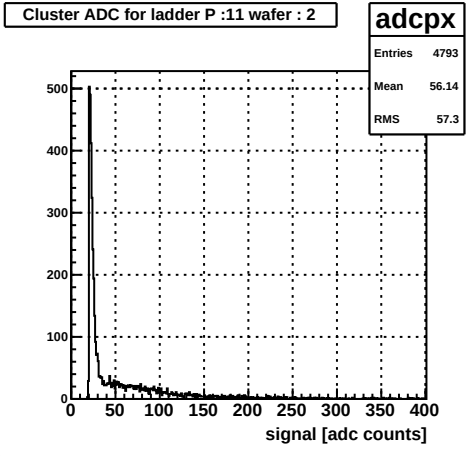

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3830
Mean 59.84
RMS 61.27
signal [adc counts]

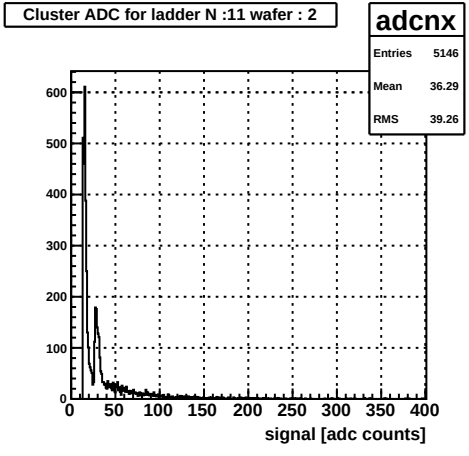

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1838
Mean 68.61
RMS 57.61
signal [adc counts]

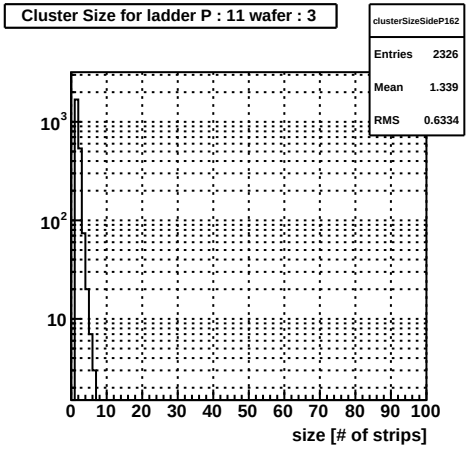

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4793
Mean 1.212
RMS 0.5341
size [# of strips]

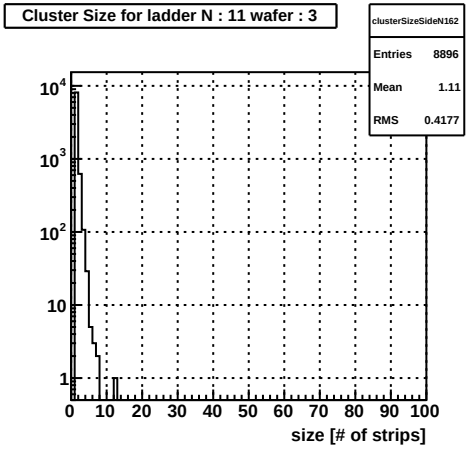

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5146
Mean 1.392
RMS 0.6419
size [# of strips]

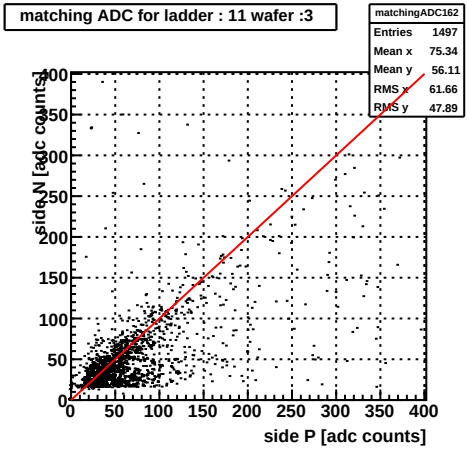

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1595
Mean x 78.04
Mean y 63.35
RMS x 59.49
RMS y 49.21
side N [adc counts]
side P [adc counts]

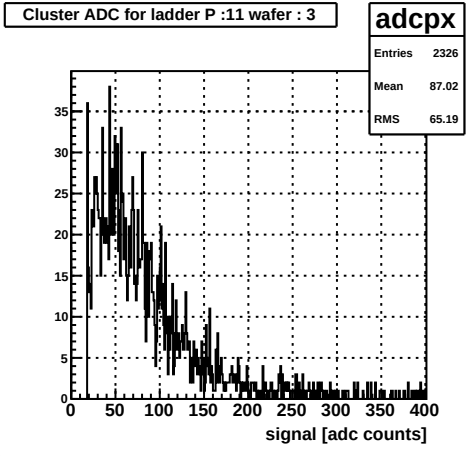

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4793
Mean 56.14
RMS 57.3
signal [adc counts]

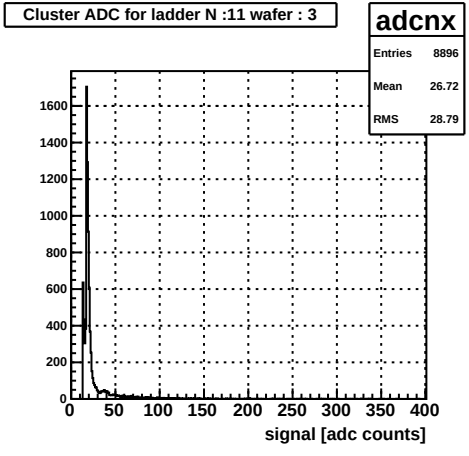

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5146
Mean 36.29
RMS 39.26
signal [adc counts]

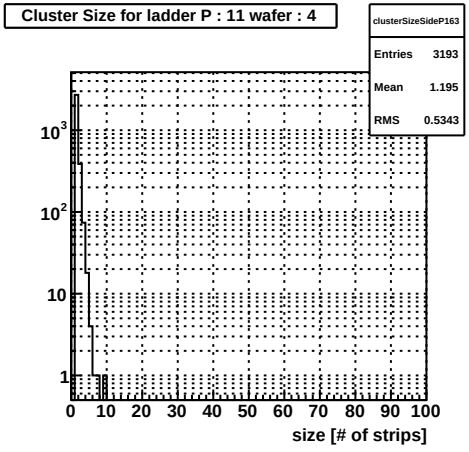

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2326
Mean 1.339
RMS 0.6334
size [# of strips]

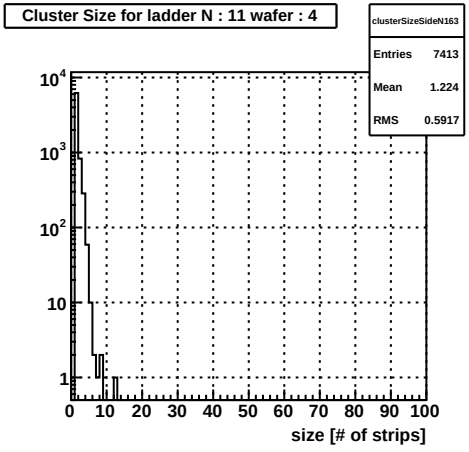

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 8896
Mean 1.11
RMS 0.4177
size [# of strips]

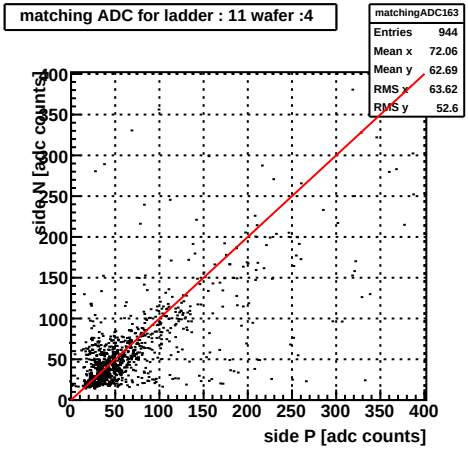

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1497
Mean x 75.34
Mean y 56.11
RMS x 61.66
RMS y 47.89
side N [adc counts]
side P [adc counts]

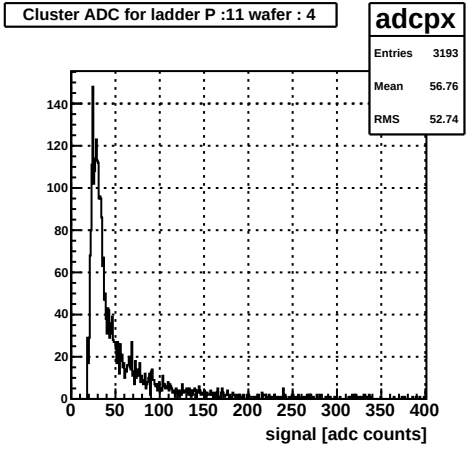

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2326
Mean 87.02
RMS 65.19
signal [adc counts]

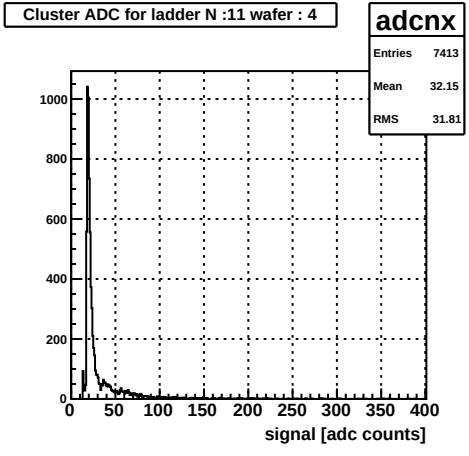

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 8896
Mean 26.72
RMS 28.79
signal [adc counts]

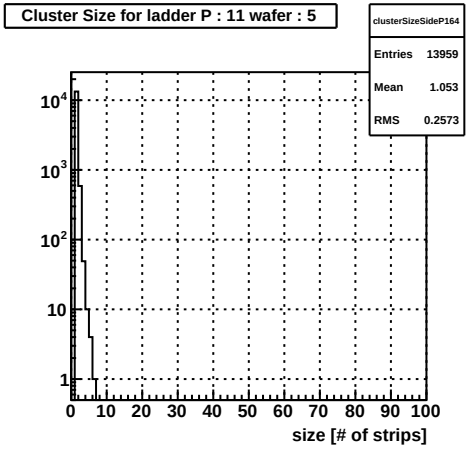

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3193
Mean 1.195
RMS 0.5343
size [# of strips]

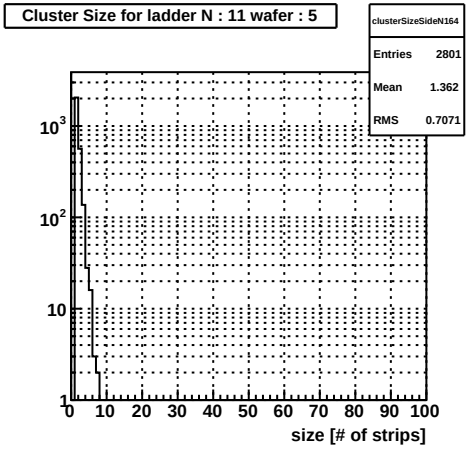

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7413
Mean 1.224
RMS 0.5917
size [# of strips]

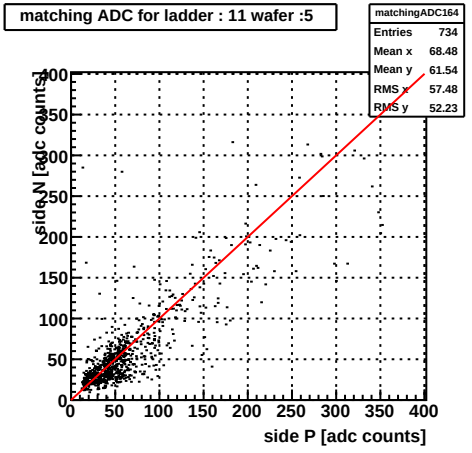

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 944
Mean x 72.06
Mean y 62.69
RMS x 63.62
RMS y 52.6
side N [adc counts]
side P [adc counts]

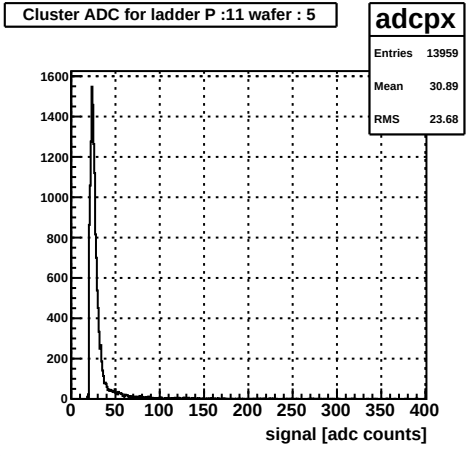

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3193
Mean 56.76
RMS 52.74
signal [adc counts]

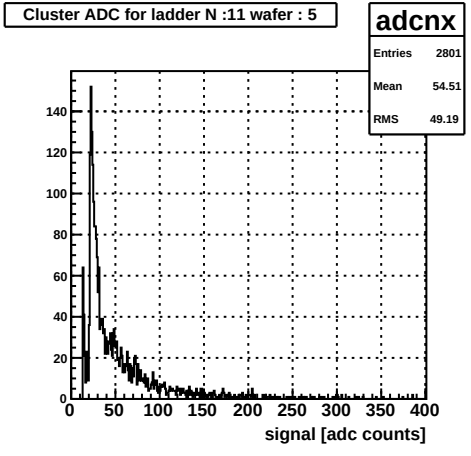

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7413
Mean 32.15
RMS 31.81
signal [adc counts]

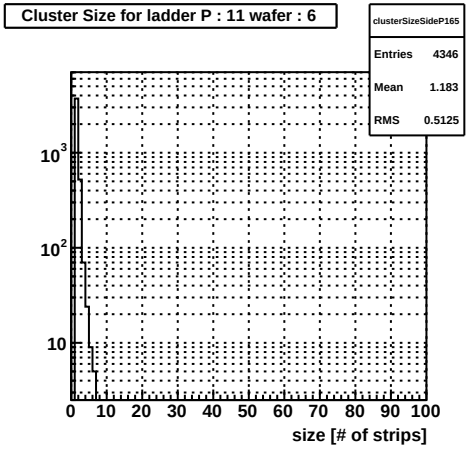

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13959
Mean 1.053
RMS 0.2573
size [# of strips]

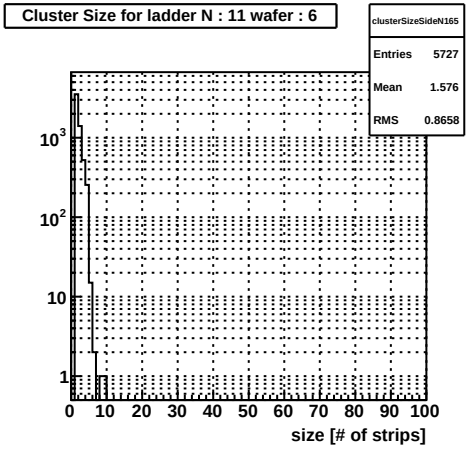

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2801
Mean 1.362
RMS 0.7071
size [# of strips]

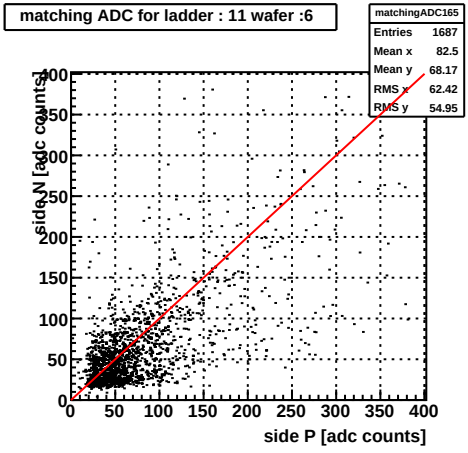

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 734
Mean x 68.48
Mean y 61.54
RMS x 57.48
RMS y 52.23
side N [adc counts]
side P [adc counts]

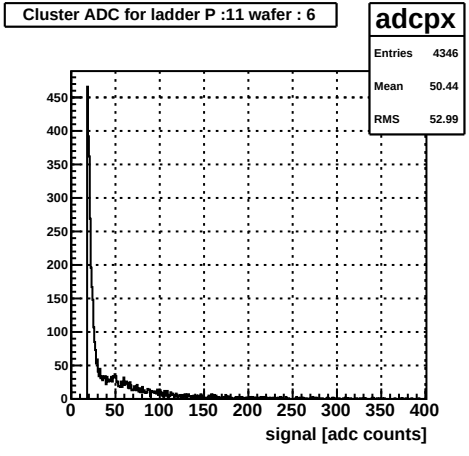

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13959
Mean 30.89
RMS 23.68
signal [adc counts]

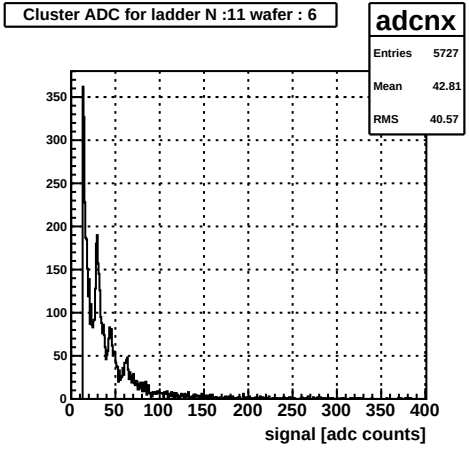

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2801
Mean 54.51
RMS 49.19
signal [adc counts]

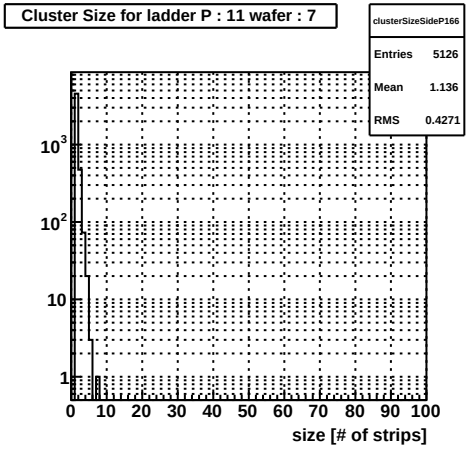

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4346
Mean 1.183
RMS 0.5125
size [# of strips]

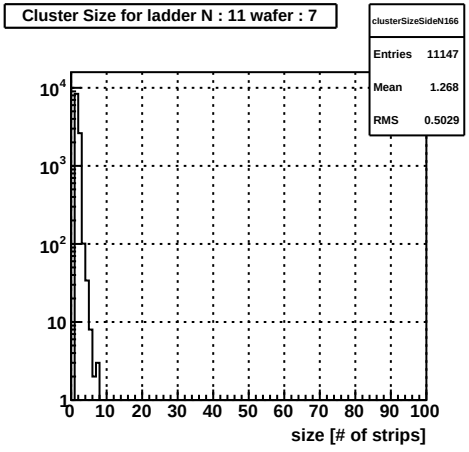

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5727
Mean 1.576
RMS 0.8658
size [# of strips]

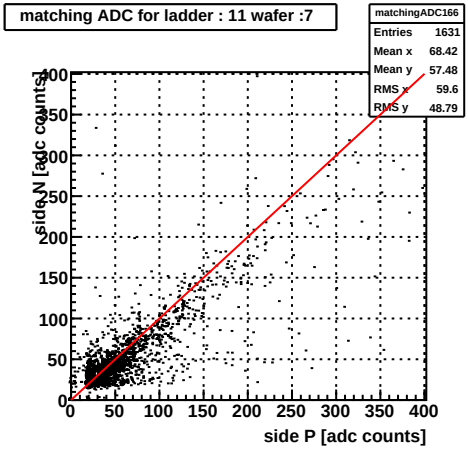

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1687
Mean x 82.5
Mean y 68.17
RMS x 62.42
RMS y 54.95
side N [adc counts]
side P [adc counts]

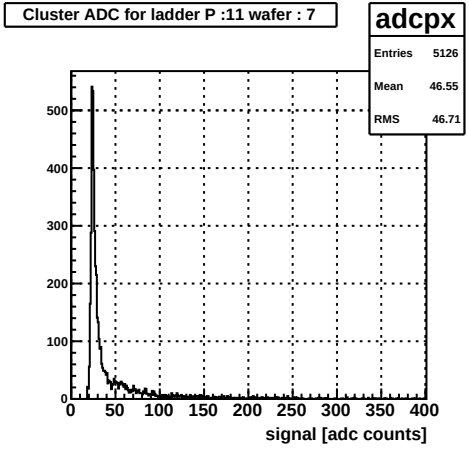

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4346
Mean 50.44
RMS 52.99
signal [adc counts]

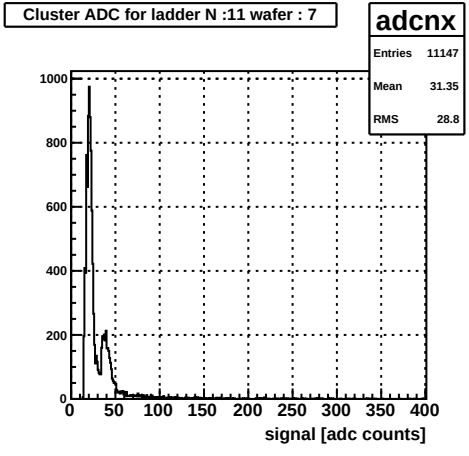

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5727
Mean 42.81
RMS 40.57
signal [adc counts]

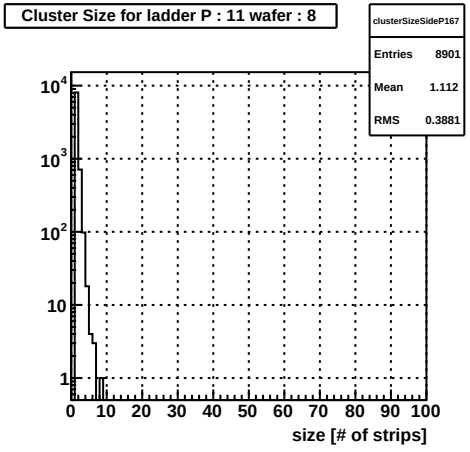

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 5126
Mean 1.136
RMS 0.4271
size [# of strips]

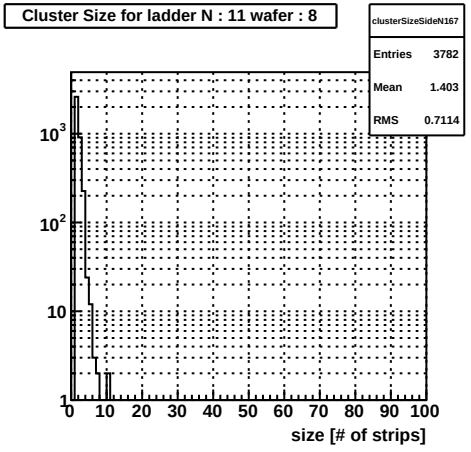

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11147
Mean 1.268
RMS 0.5029
size [# of strips]

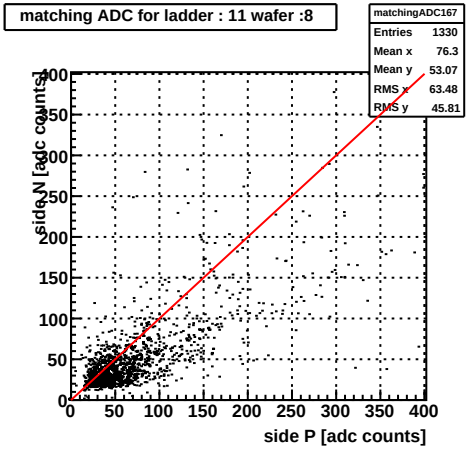

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1631
Mean x 68.42
Mean y 57.48
RMS x 59.6
RMS y 48.79
side N [adc counts]
side P [adc counts]

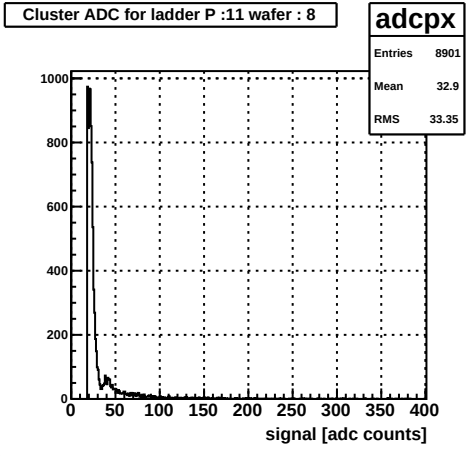

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 5126
Mean 46.55
RMS 46.71
signal [adc counts]

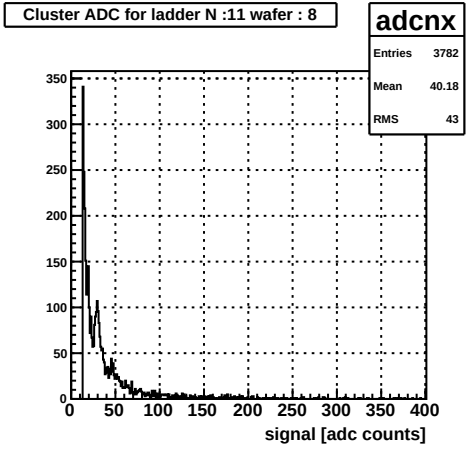

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11147
Mean 31.35
RMS 28.8
signal [adc counts]

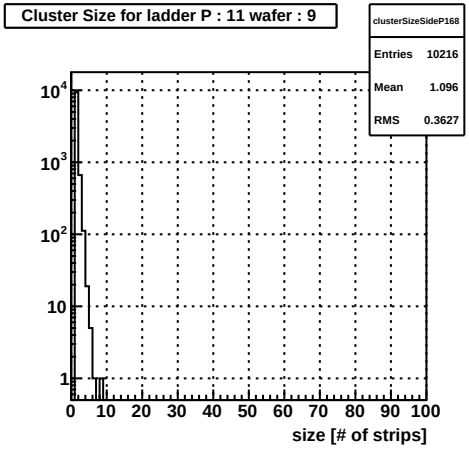

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8901
Mean 1.112
RMS 0.3881
size [# of strips]

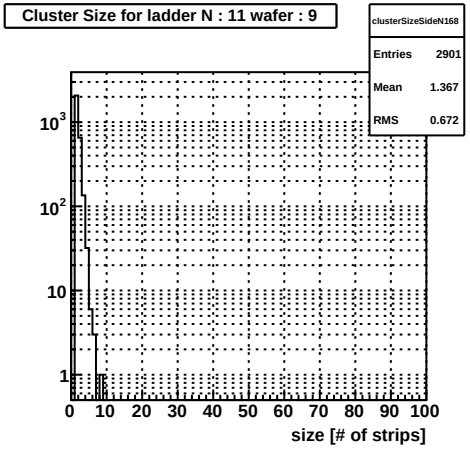

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3782
Mean 1.403
RMS 0.7114
size [# of strips]

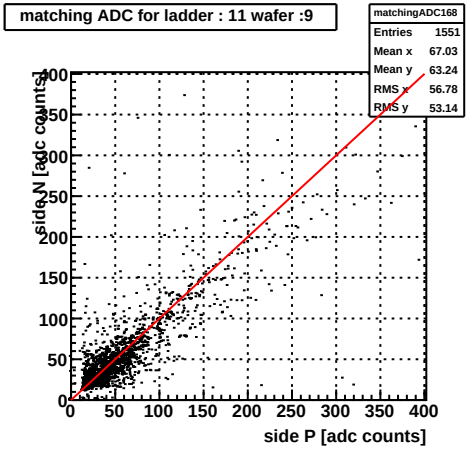

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1330
Mean x 76.3
Mean y 53.07
RMS x 63.48
RMS y 45.81
side N [adc counts]
side P [adc counts]

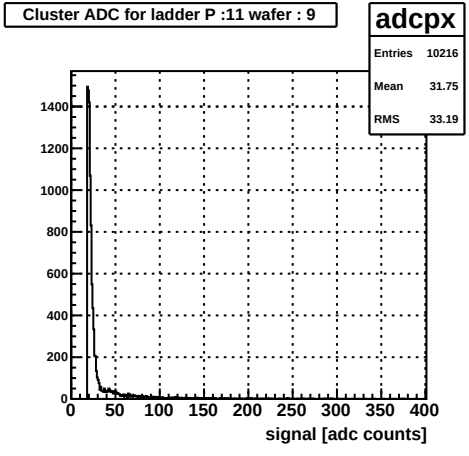

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8901
Mean 32.9
RMS 33.35
signal [adc counts]

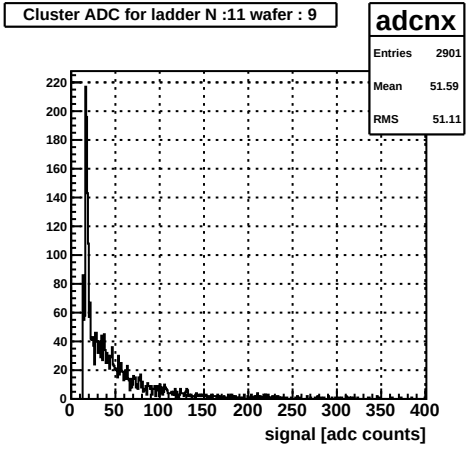

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3782
Mean 40.18
RMS 43
signal [adc counts]

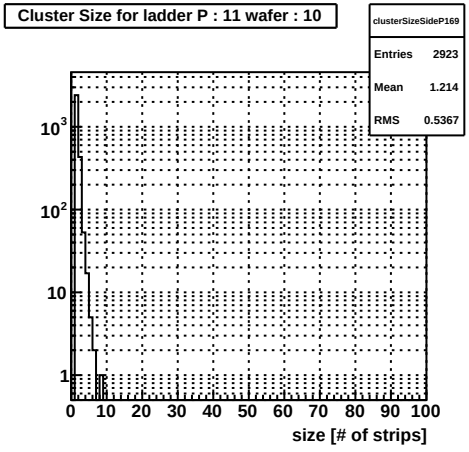

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 10216
Mean 1.096
RMS 0.3627
size [# of strips]

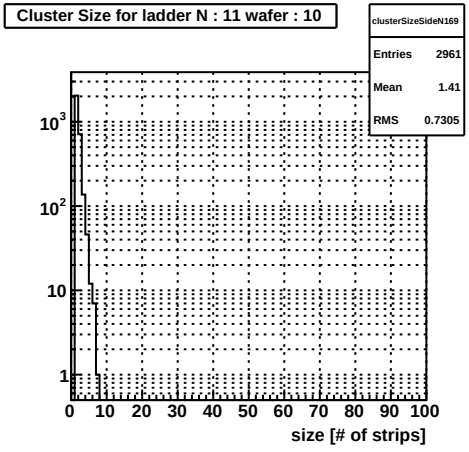

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2901
Mean 1.367
RMS 0.672
size [# of strips]

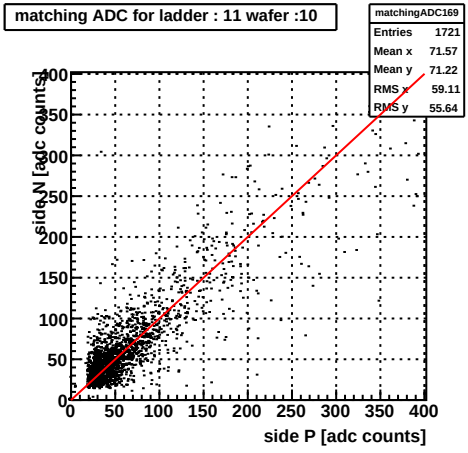

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1551
Mean x 67.03
Mean y 63.24
RMS x 56.78
RMS y 53.14
side N [adc counts]
side P [adc counts]

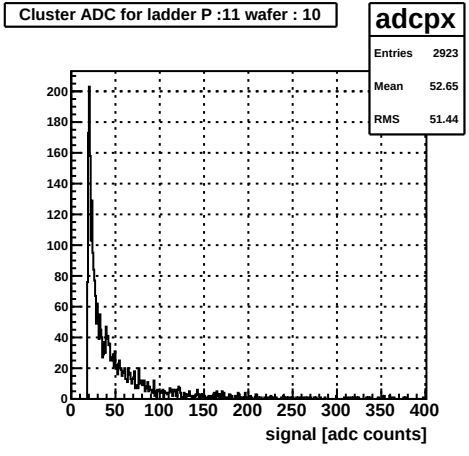

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 10216
Mean 31.75
RMS 33.19
signal [adc counts]

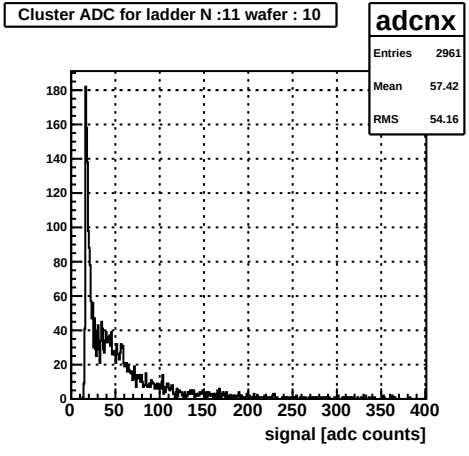

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2901
Mean 51.59
RMS 51.11
signal [adc counts]

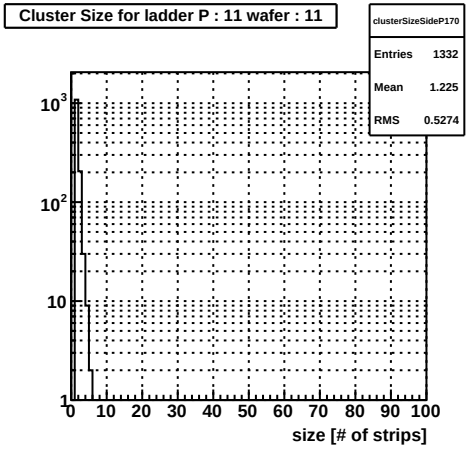

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2923
Mean 1.214
RMS 0.5367
size [# of strips]

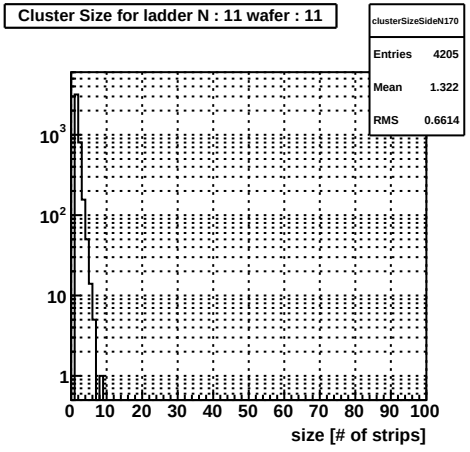

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2961
Mean 1.41
RMS 0.7305
size [# of strips]

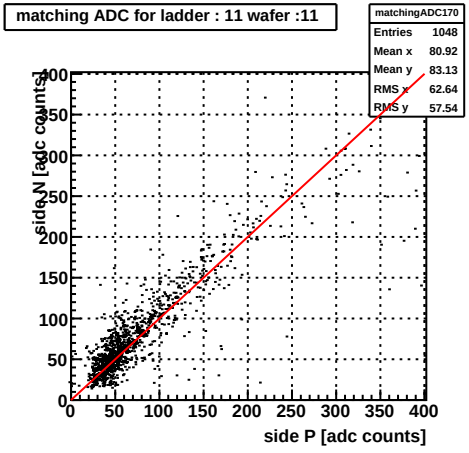

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1721
Mean x 71.57
Mean y 71.22
RMS x 59.11
RMS y 55.64
side N [adc counts]
side P [adc counts]

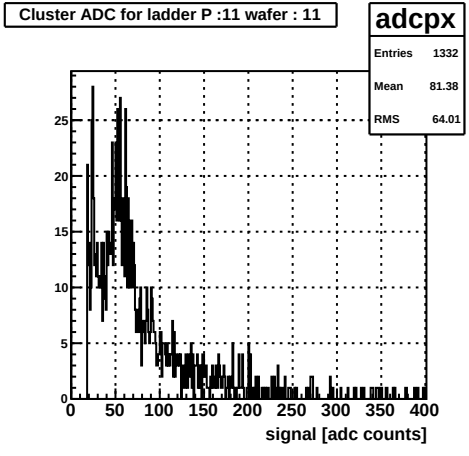

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2923
Mean 52.65
RMS 51.44
signal [adc counts]

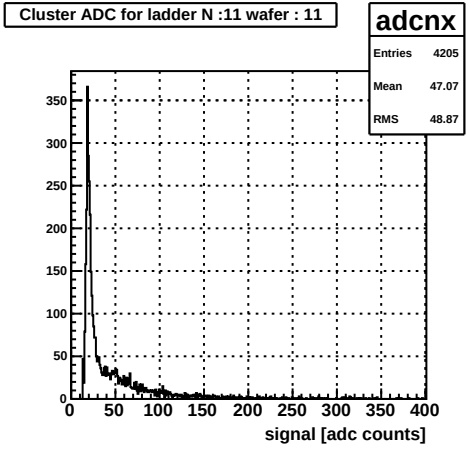

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2961
Mean 57.42
RMS 54.16
signal [adc counts]

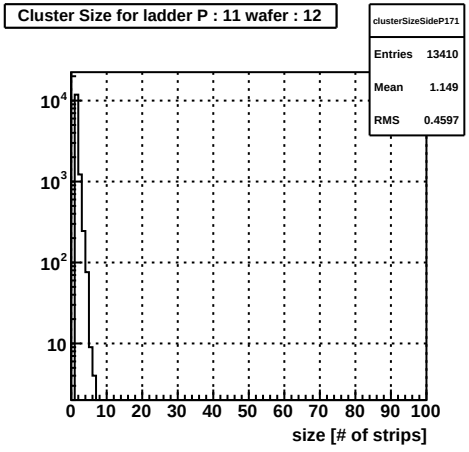

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1332
Mean 1.225
RMS 0.5274
size [# of strips]

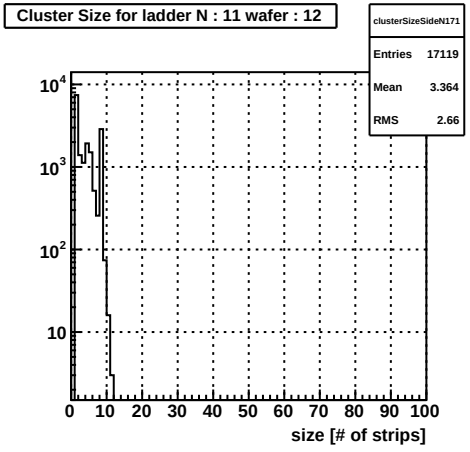

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4205
Mean 1.322
RMS 0.6614
size [# of strips]

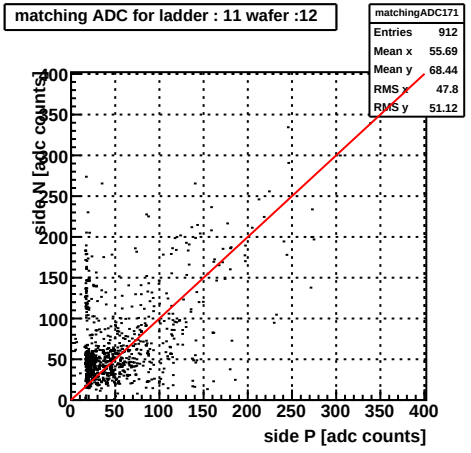

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1048
Mean x 80.92
Mean y 83.13
RMS x 62.64
RMS y 57.54
side N [adc counts]
side P [adc counts]

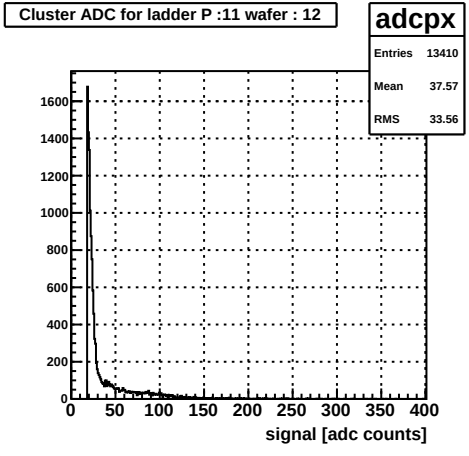

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1332
Mean 81.38
RMS 64.01
signal [adc counts]

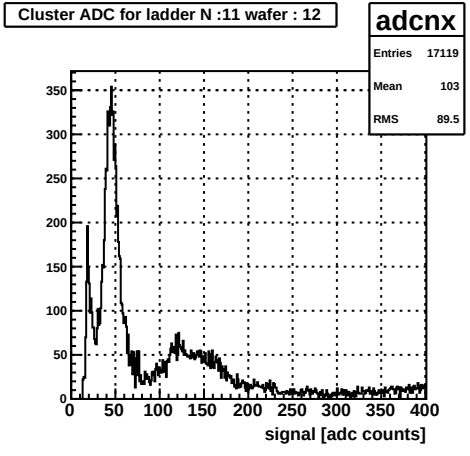

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4205
Mean 47.07
RMS 48.87
signal [adc counts]

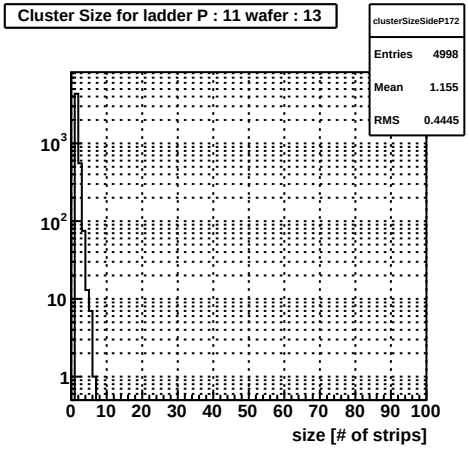

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 13410
Mean 1.149
RMS 0.4597
size [# of strips]

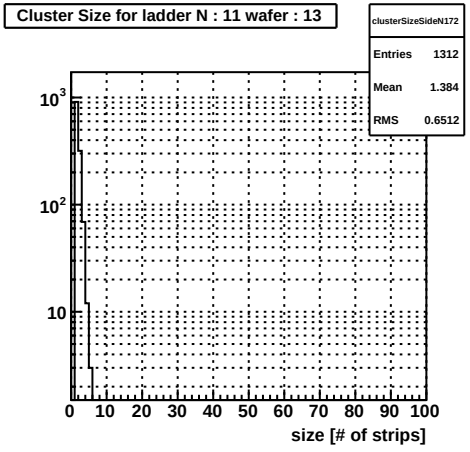

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 17119
Mean 3.364
RMS 2.66
size [# of strips]

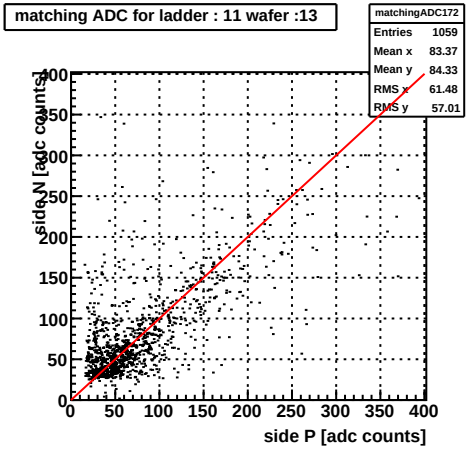

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 912
Mean x 55.69
Mean y 68.44
RMS x 47.8
RMS y 51.12
side N [adc counts]
side P [adc counts]

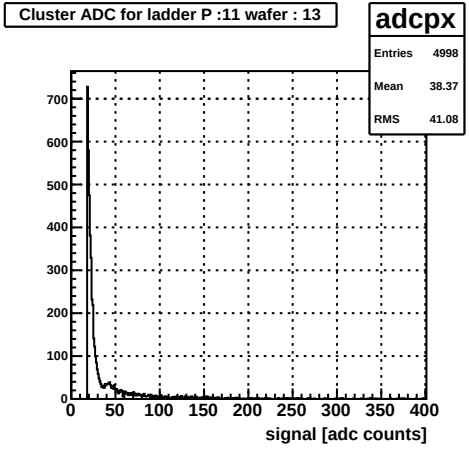

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 13410
Mean 37.57
RMS 33.56
signal [adc counts]

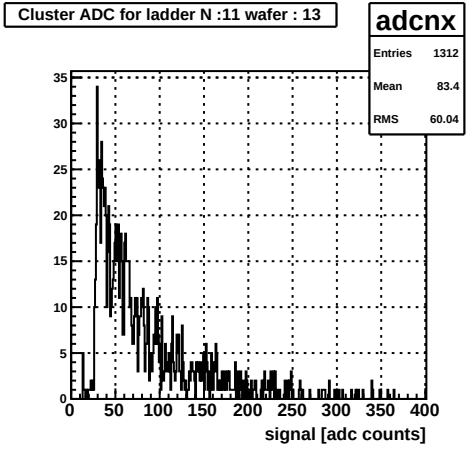

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 17119
Mean 103
RMS 89.5
signal [adc counts]

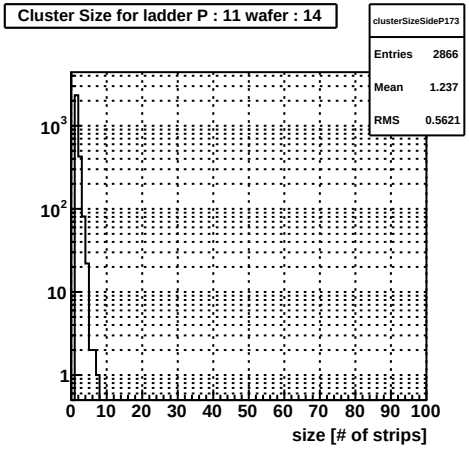

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4998
Mean 1.155
RMS 0.4445
size [# of strips]

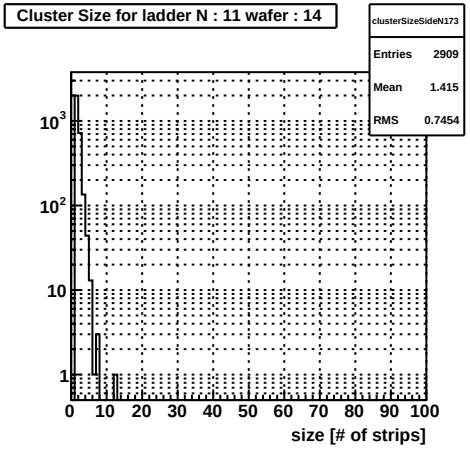

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1312
Mean 1.384
RMS 0.6512
size [# of strips]

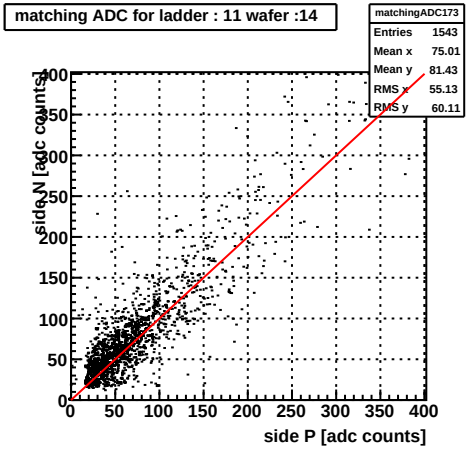

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1059
Mean x 83.37
Mean y 84.33
RMS x 61.48
RMS y 57.01
side N [adc counts]
side P [adc counts]

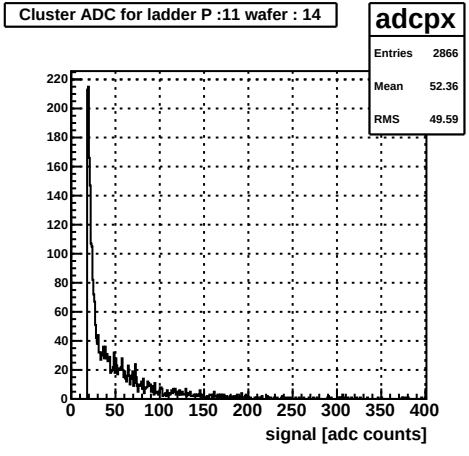

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4998
Mean 38.37
RMS 41.08
signal [adc counts]

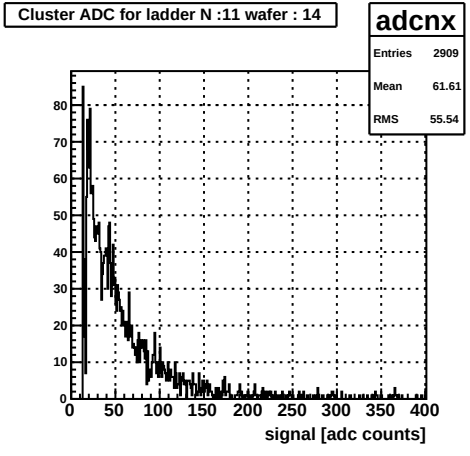

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1312
Mean 83.4
RMS 60.04
signal [adc counts]

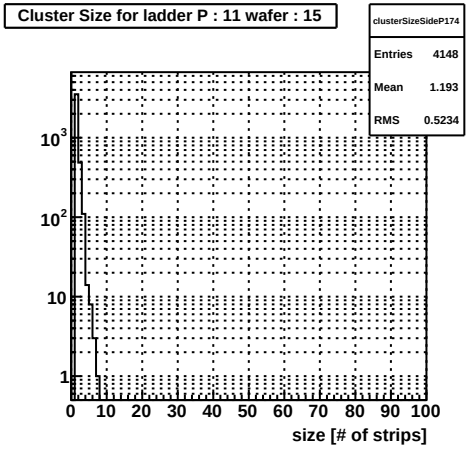

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2866
Mean 1.237
RMS 0.5621
size [# of strips]

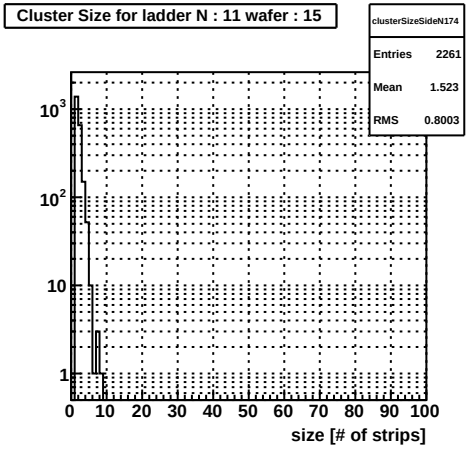

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2909
Mean 1.415
RMS 0.7454
size [# of strips]

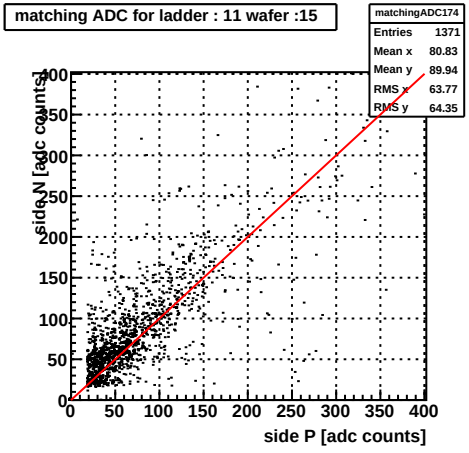

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1543
Mean x 75.01
Mean y 81.43
RMS x 55.13
RMS y 60.11
side N [adc counts]
side P [adc counts]

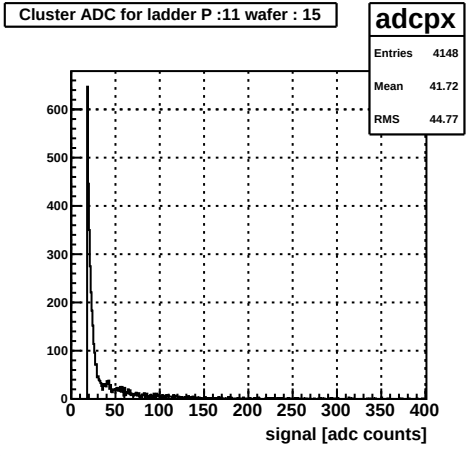

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2866
Mean 52.36
RMS 49.59
signal [adc counts]

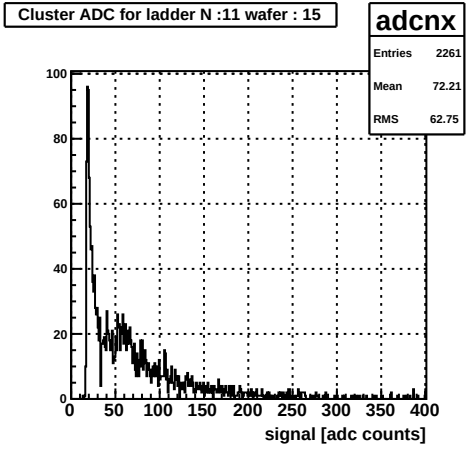

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2909
Mean 61.61
RMS 55.54
signal [adc counts]

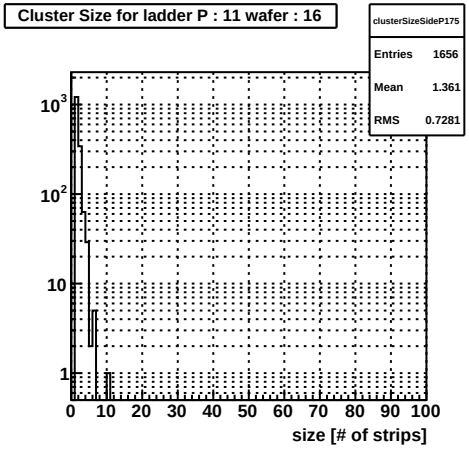

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4148
Mean 1.193
RMS 0.5234
size [# of strips]

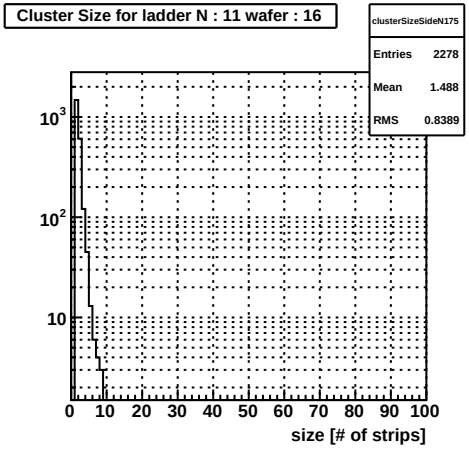

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2261
Mean 1.523
RMS 0.8003
size [# of strips]

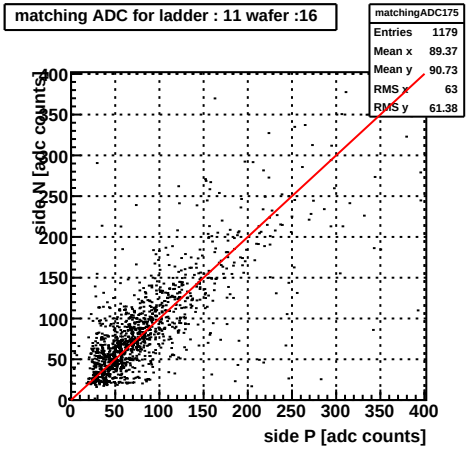

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1371
Mean x 80.83
Mean y 89.94
RMS x 63.77
RMS y 64.35
side N [adc counts]
side P [adc counts]

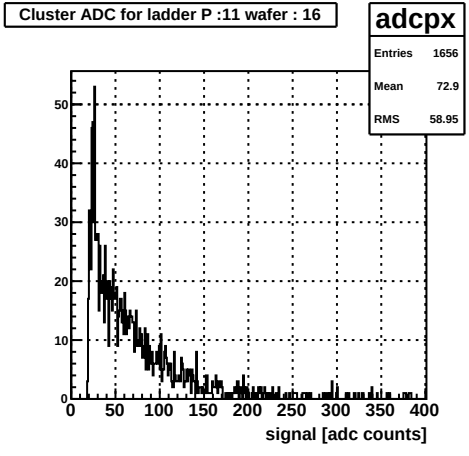

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4148
Mean 41.72
RMS 44.77
signal [adc counts]

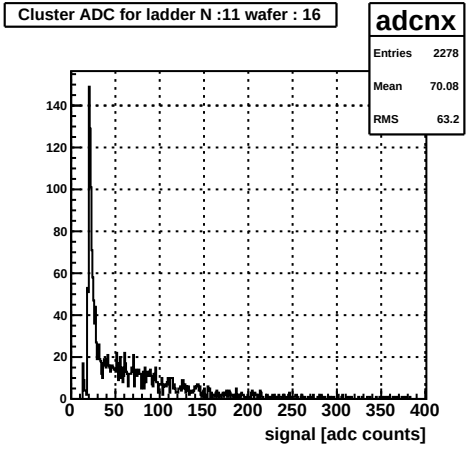

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2261
Mean 72.21
RMS 62.75
signal [adc counts]

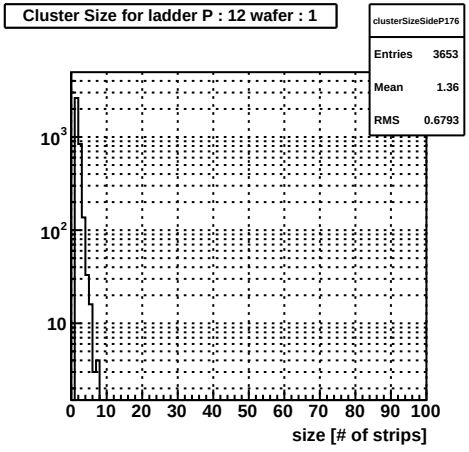

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1656
Mean 1.361
RMS 0.7281
size [# of strips]

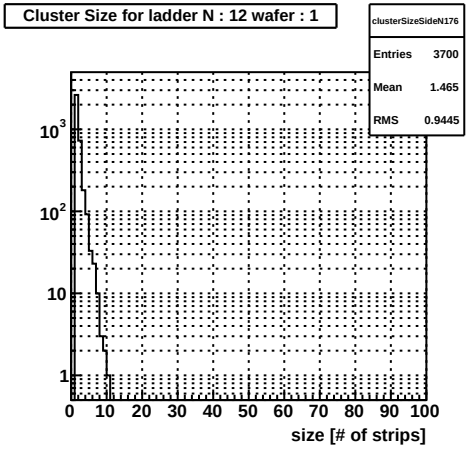

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2278
Mean 1.488
RMS 0.8389
size [# of strips]

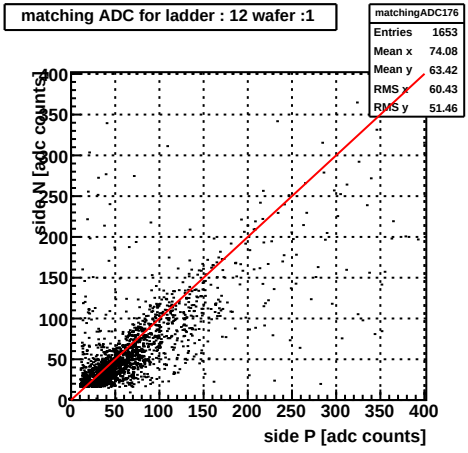

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1179
Mean x 89.37
Mean y 90.73
RMS x 63
RMS y 61.38
side N [adc counts]
side P [adc counts]

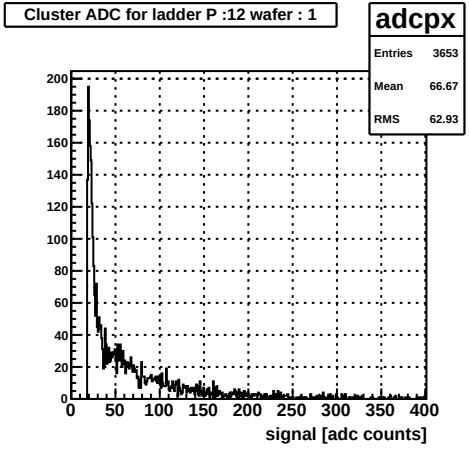

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1656
Mean 72.9
RMS 58.95
signal [adc counts]

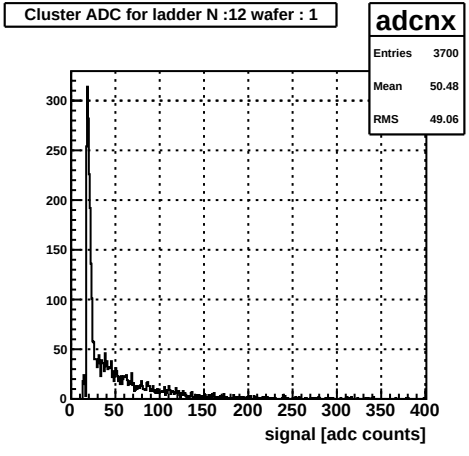

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2278
Mean 70.08
RMS 63.2
signal [adc counts]

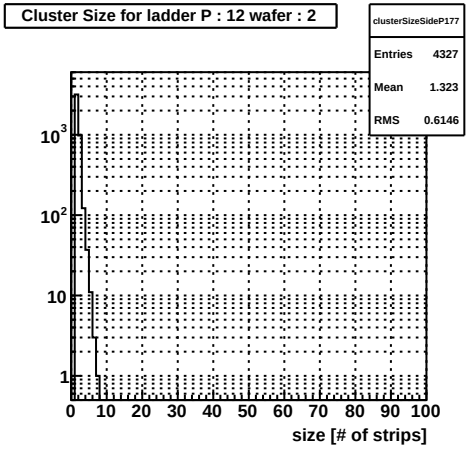

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3653
Mean 1.36
RMS 0.6793
size [# of strips]

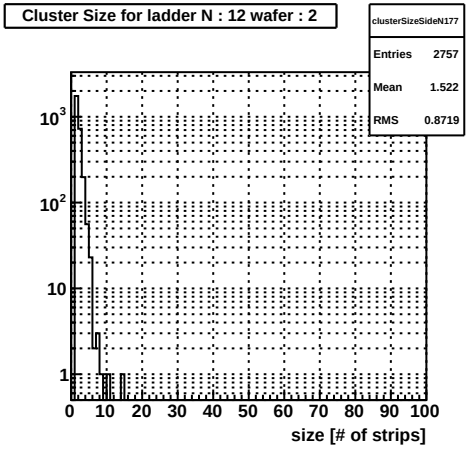

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 3700
Mean 1.465
RMS 0.9445
size [# of strips]

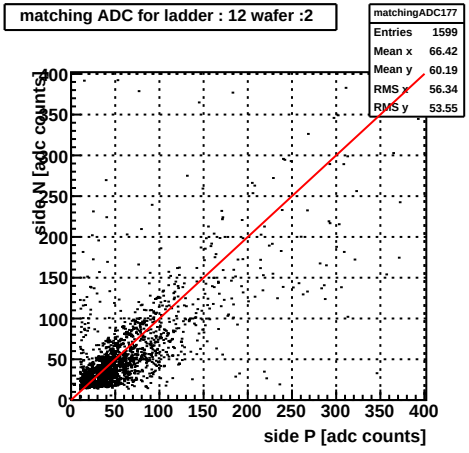

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1653
Mean x 74.08
Mean y 63.42
RMS x 60.43
RMS y 51.46
side N [adc counts]
side P [adc counts]

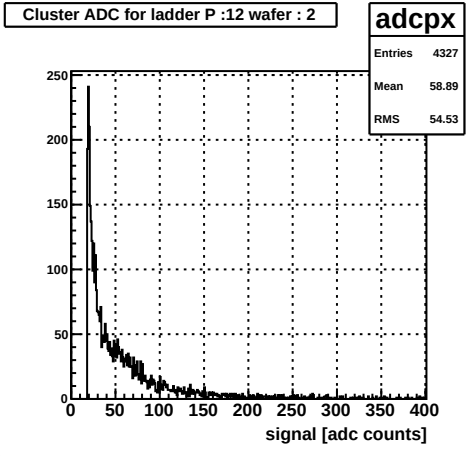

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3653
Mean 66.67
RMS 62.93
signal [adc counts]

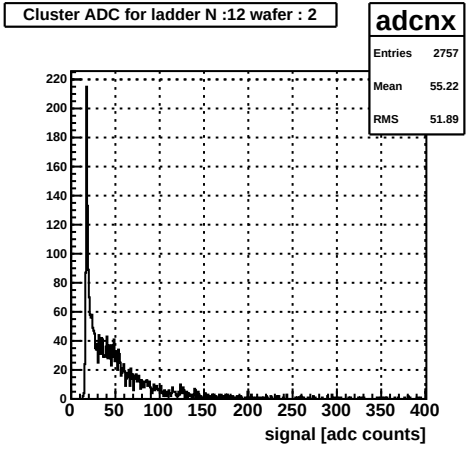

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 3700
Mean 50.48
RMS 49.06
signal [adc counts]

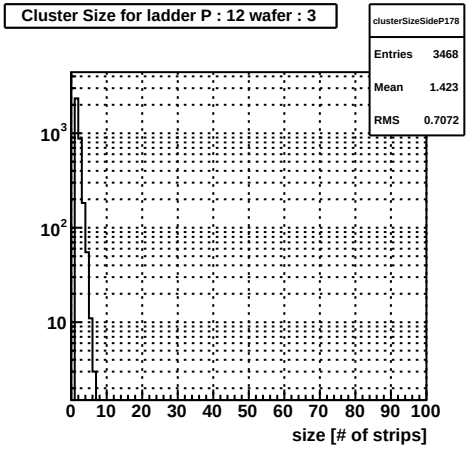

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4327
Mean 1.323
RMS 0.6146
size [# of strips]

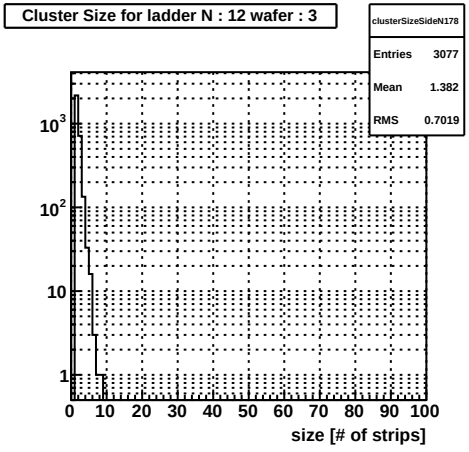

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 2757
Mean 1.522
RMS 0.8719
size [# of strips]

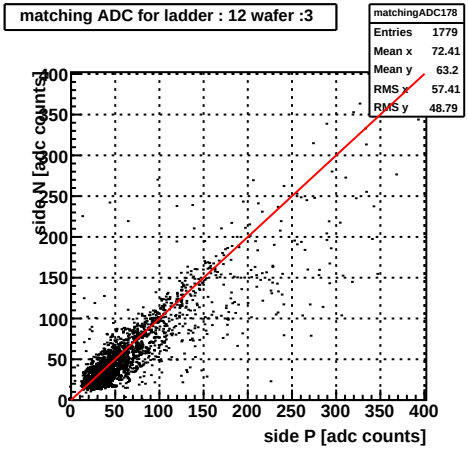

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1599
Mean x 66.42
Mean y 60.19
RMS x 56.34
RMS y 53.55
side N [adc counts]
side P [adc counts]

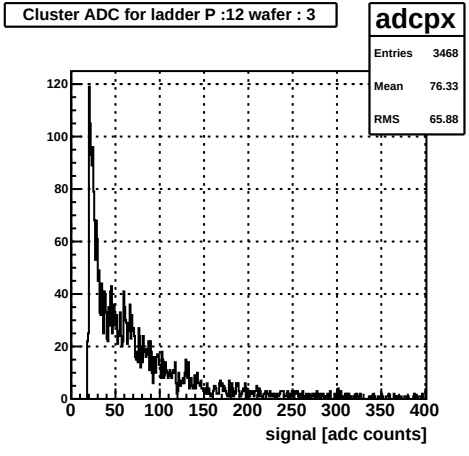

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4327
Mean 58.89
RMS 54.53
signal [adc counts]

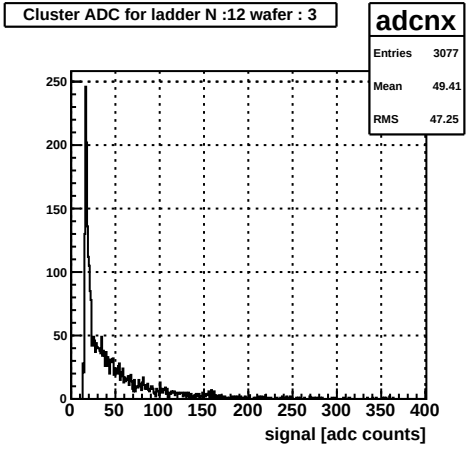

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 2757
Mean 55.22
RMS 51.89
signal [adc counts]

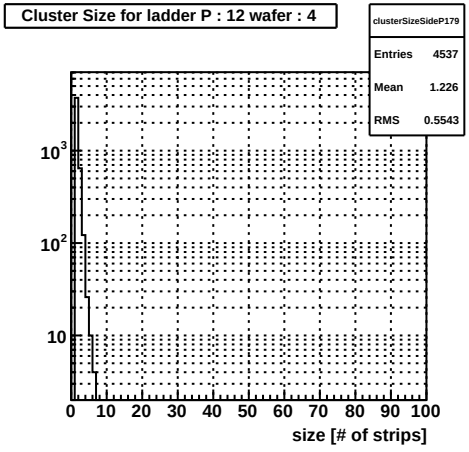

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3468
Mean 1.423
RMS 0.7072
size [# of strips]

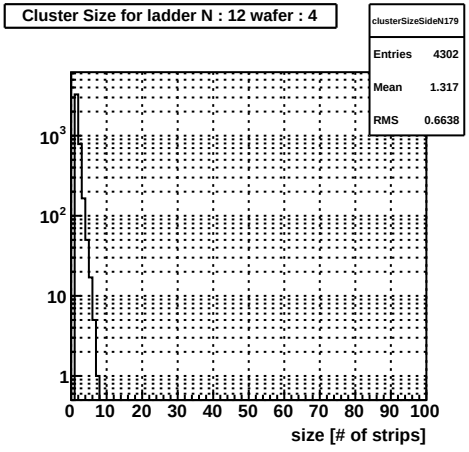

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3077
Mean 1.382
RMS 0.7019
size [# of strips]

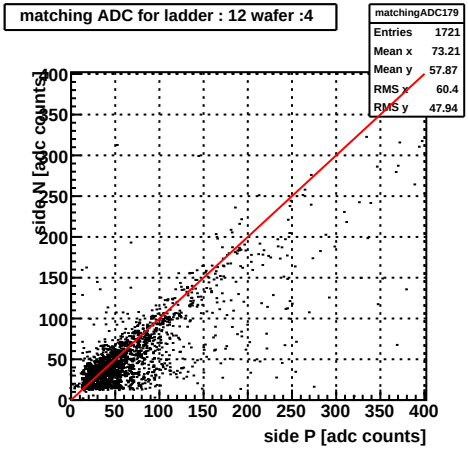

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1779
Mean x 72.41
Mean y 63.2
RMS x 57.41
RMS y 48.79
side N [adc counts]
side P [adc counts]

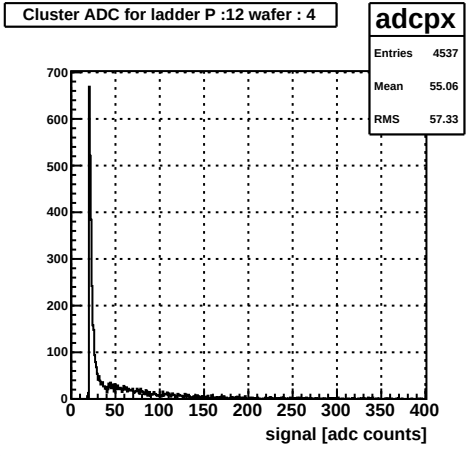

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3468
Mean 76.33
RMS 65.88
signal [adc counts]

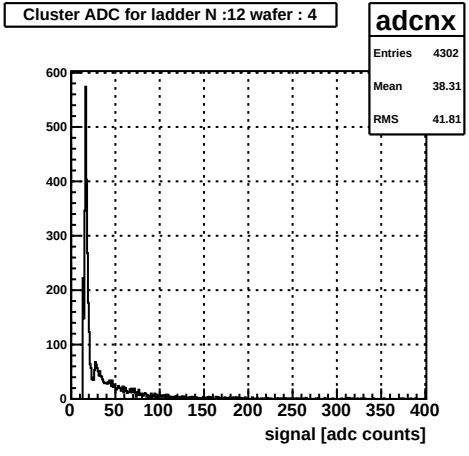

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3077
Mean 49.41
RMS 47.25
signal [adc counts]

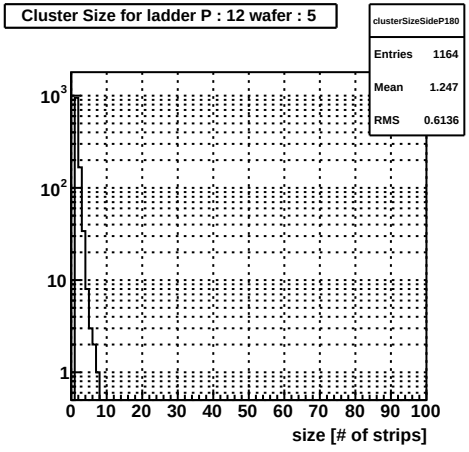

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4537
Mean 1.226
RMS 0.5543
size [# of strips]

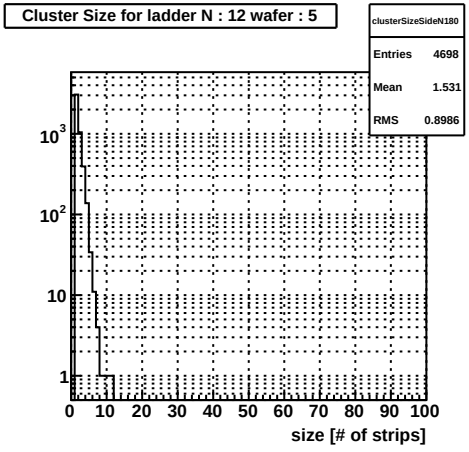

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 4302
Mean 1.317
RMS 0.6638
size [# of strips]

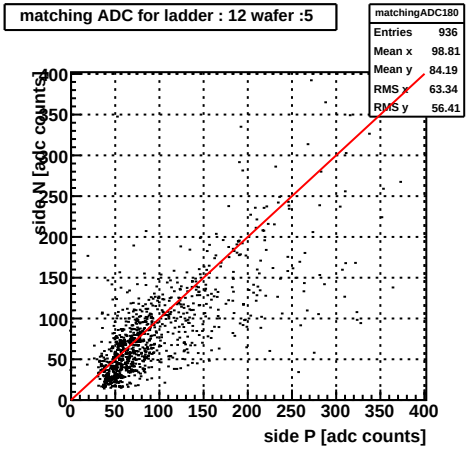

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1721
Mean x 73.21
Mean y 57.87
RMS x 60.4
RMS y 47.94
side N [adc counts]
side P [adc counts]

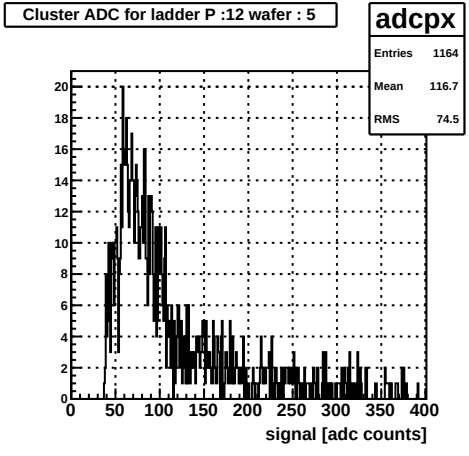

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4537
Mean 55.06
RMS 57.33
signal [adc counts]

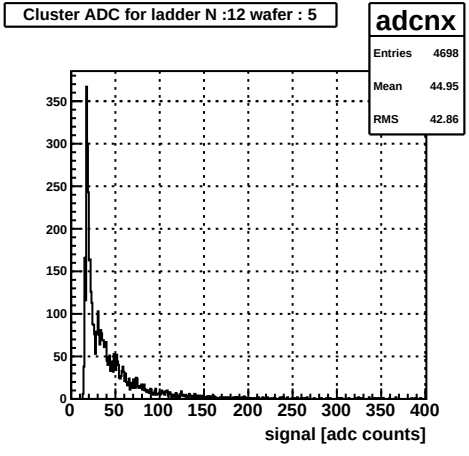

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 4302
Mean 38.31
RMS 41.81
signal [adc counts]

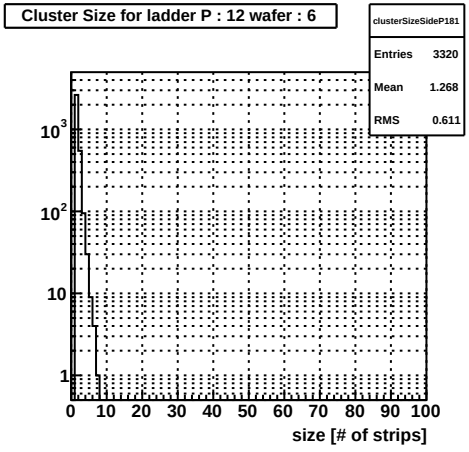

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1164
Mean 1.247
RMS 0.6136
size [# of strips]

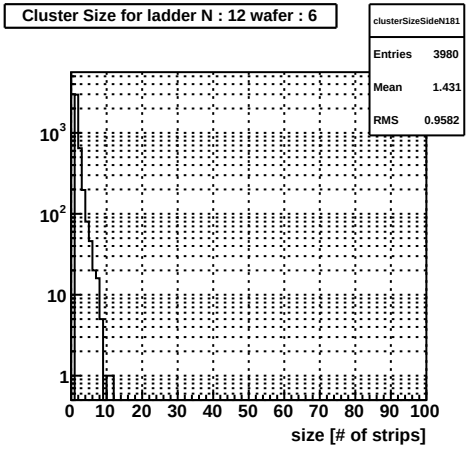

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 4698
Mean 1.531
RMS 0.8986
size [# of strips]

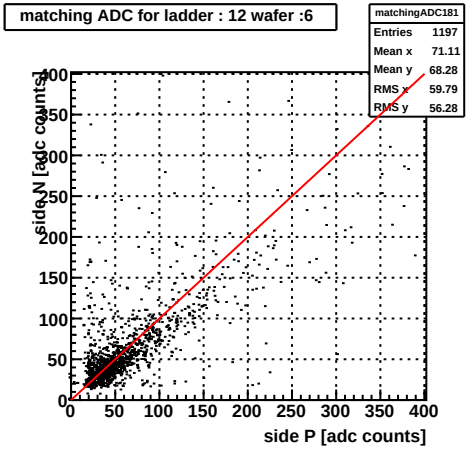

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 936
Mean x 98.81
Mean y 84.19
RMS x 63.34
RMS y 56.41
side N [adc counts]
side P [adc counts]

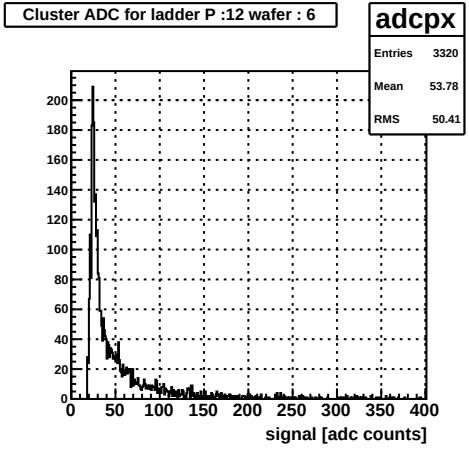

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1164
Mean 116.7
RMS 74.5
signal [adc counts]

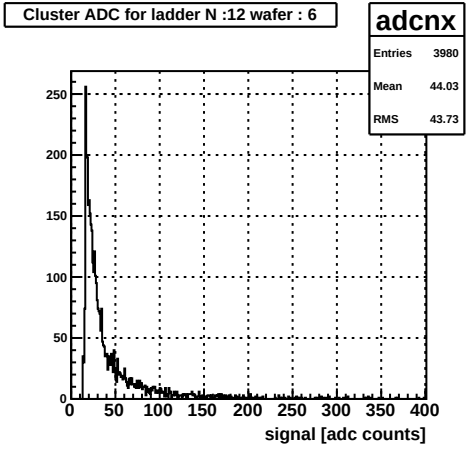

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 4698
Mean 44.95
RMS 42.86
signal [adc counts]

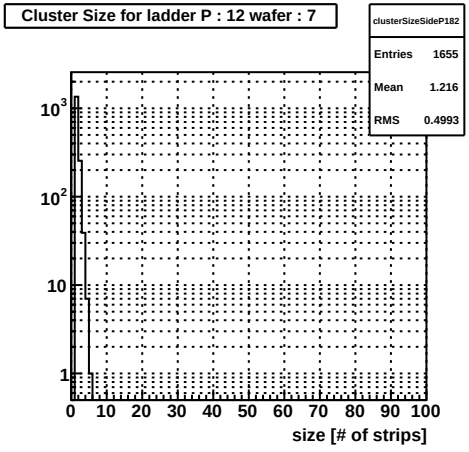

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 3320
Mean 1.268
RMS 0.611
size [# of strips]

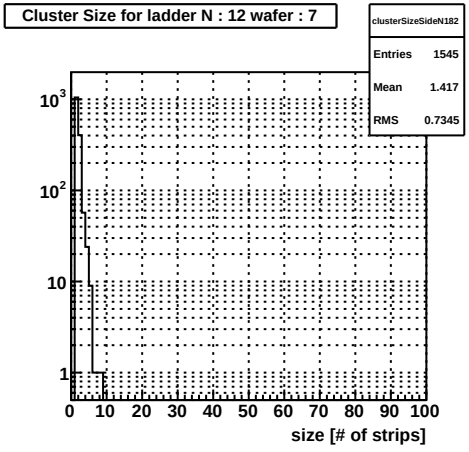

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 3980
Mean 1.431
RMS 0.9582
size [# of strips]

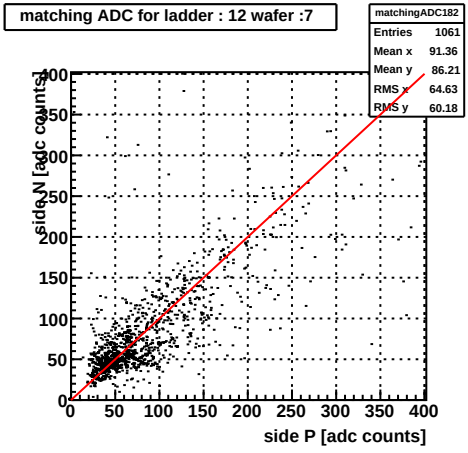

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1197
Mean x 71.11
Mean y 68.28
RMS x 59.79
RMS y 56.28
side N [adc counts]
side P [adc counts]

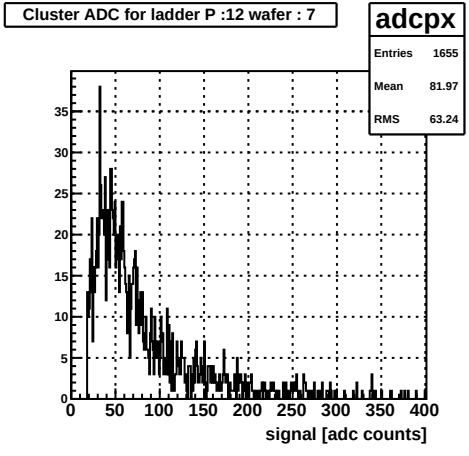

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 3320
Mean 53.78
RMS 50.41
signal [adc counts]

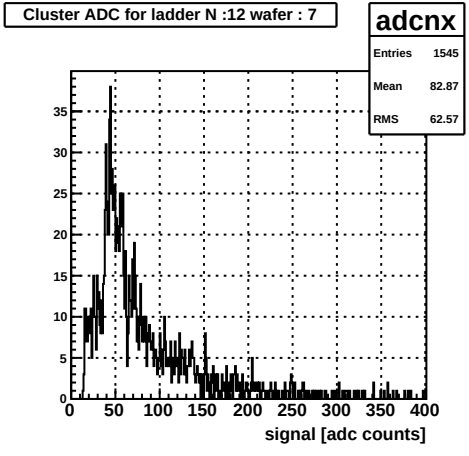

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 3980
Mean 44.03
RMS 43.73
signal [adc counts]

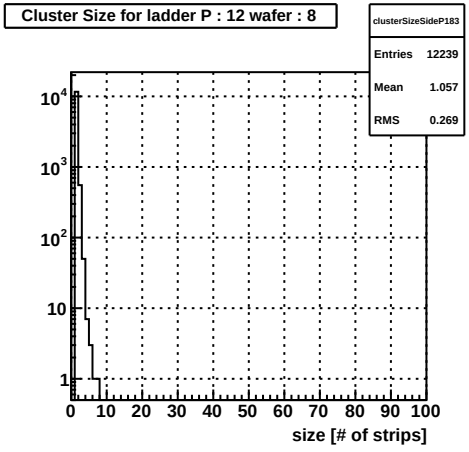

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1655
Mean 1.216
RMS 0.4993
size [# of strips]

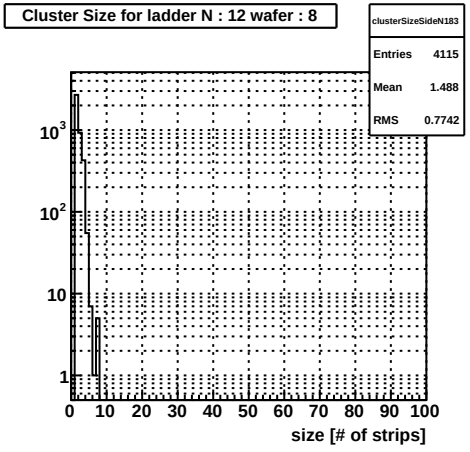

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1545
Mean 1.417
RMS 0.7345
size [# of strips]

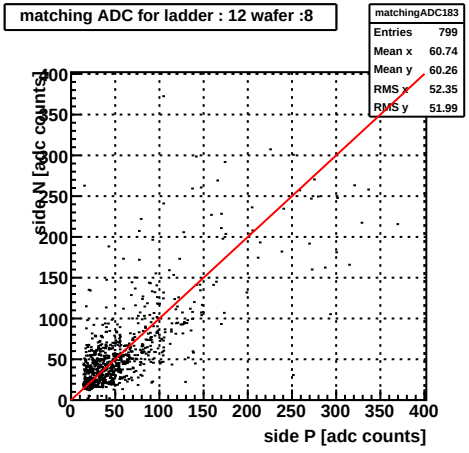

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1061
Mean x 91.36
Mean y 86.21
RMS x 64.63
RMS y 60.18
side N [adc counts]
side P [adc counts]

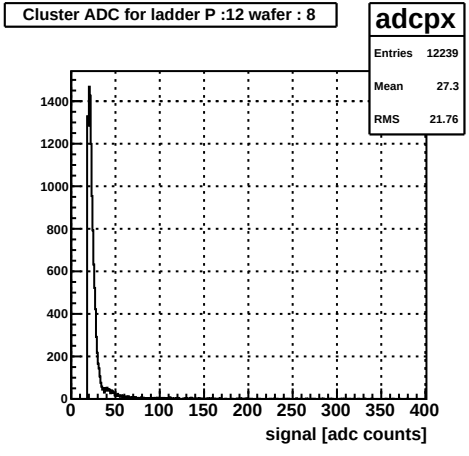

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1655
Mean 81.97
RMS 63.24
signal [adc counts]

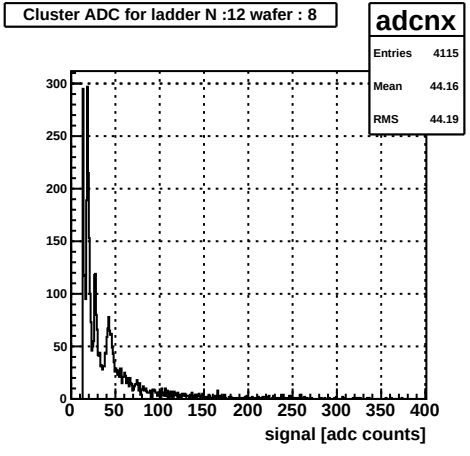

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1545
Mean 82.87
RMS 62.57
signal [adc counts]

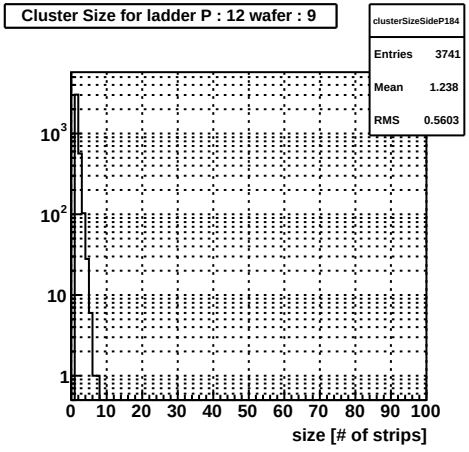

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 12239
Mean 1.057
RMS 0.269
size [# of strips]

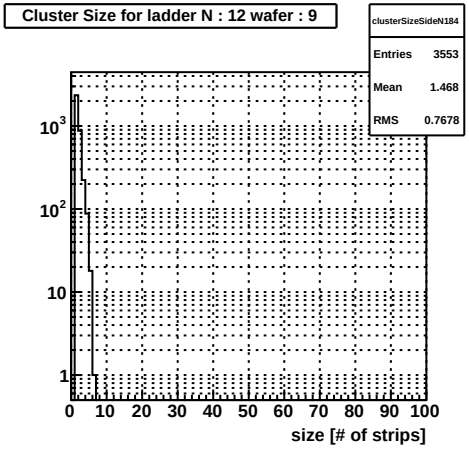

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 4115
Mean 1.488
RMS 0.7742
size [# of strips]

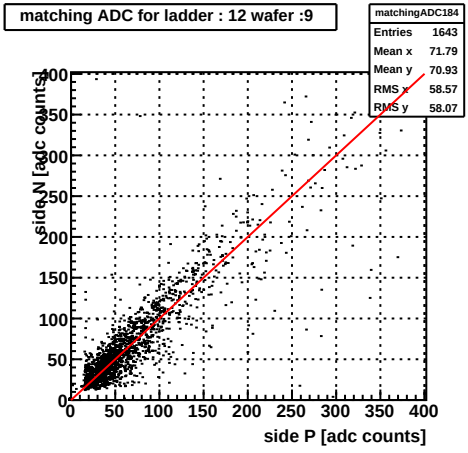

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 799
Mean x 60.74
Mean y 60.26
RMS x 52.35
RMS y 51.99
side N [adc counts]
side P [adc counts]

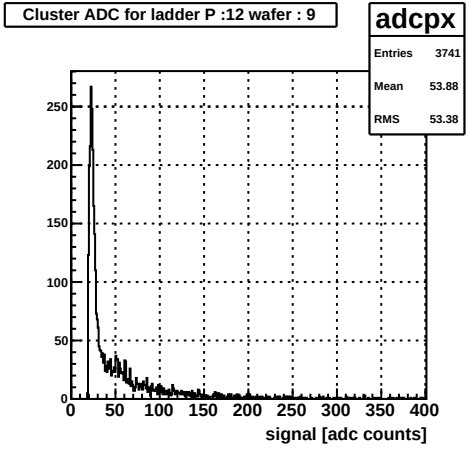

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 12239
Mean 27.3
RMS 21.76
signal [adc counts]

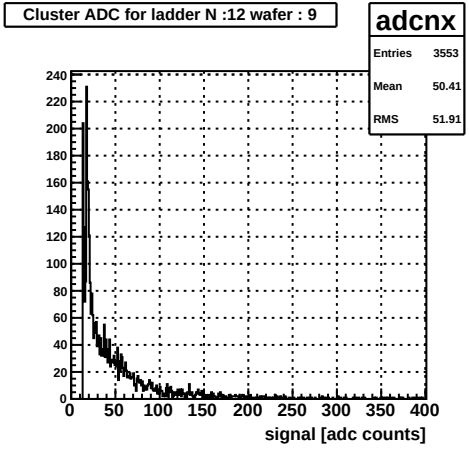

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 4115
Mean 44.16
RMS 44.19
signal [adc counts]

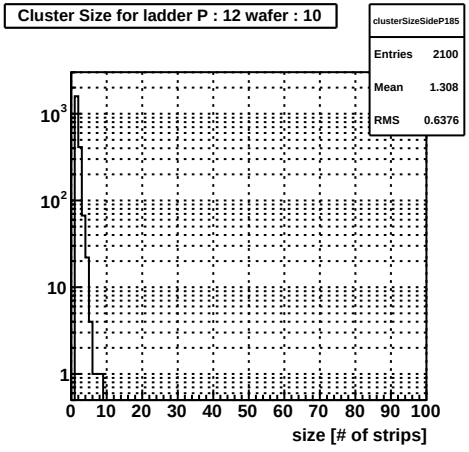

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3741
Mean 1.238
RMS 0.5603
size [# of strips]

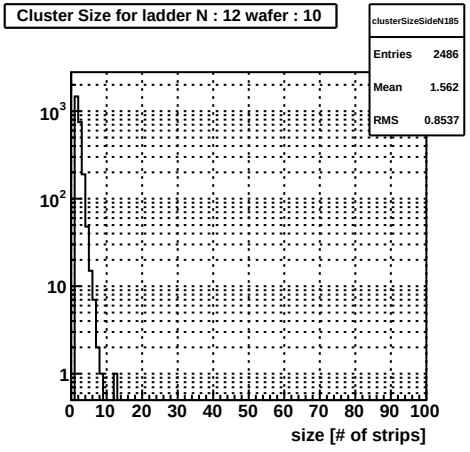

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3553
Mean 1.468
RMS 0.7678
size [# of strips]

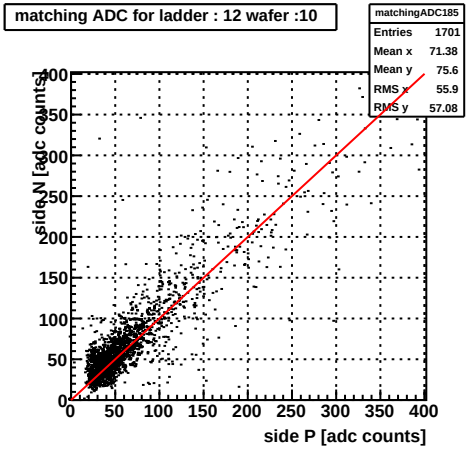

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1643
Mean x 71.79
Mean y 70.93
RMS x 58.57
RMS y 58.07
side N [adc counts]
side P [adc counts]

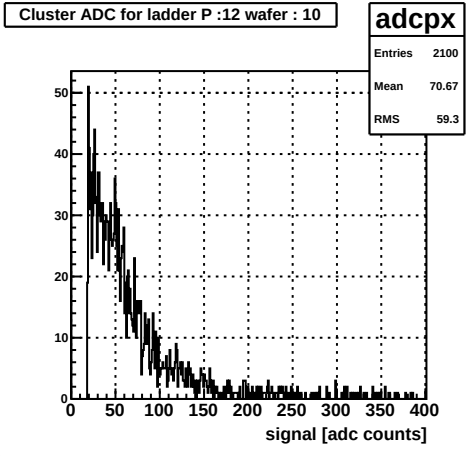

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3741
Mean 53.88
RMS 53.38
signal [adc counts]

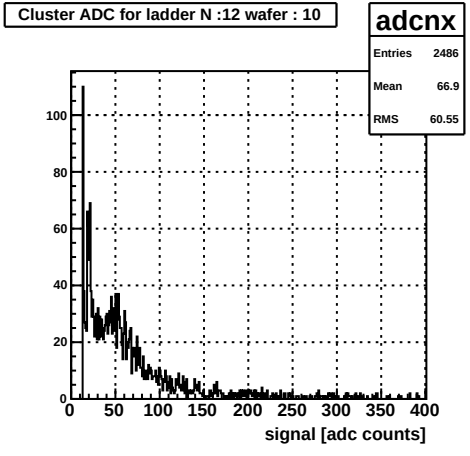

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3553
Mean 50.41
RMS 51.91
signal [adc counts]

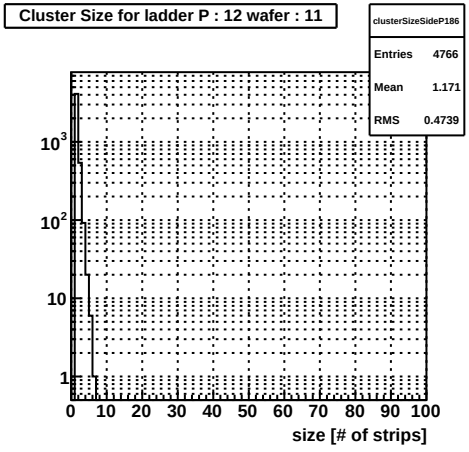

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2100
Mean 1.308
RMS 0.6376
size [# of strips]

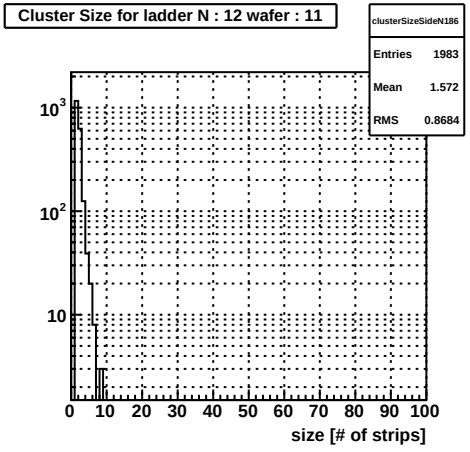

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2486
Mean 1.562
RMS 0.8537
size [# of strips]

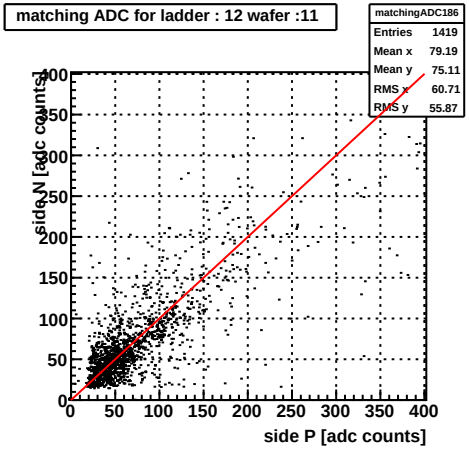

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1701
Mean x 71.38
Mean y 75.6
RMS x 55.9
RMS y 57.08
side N [adc counts]
side P [adc counts]

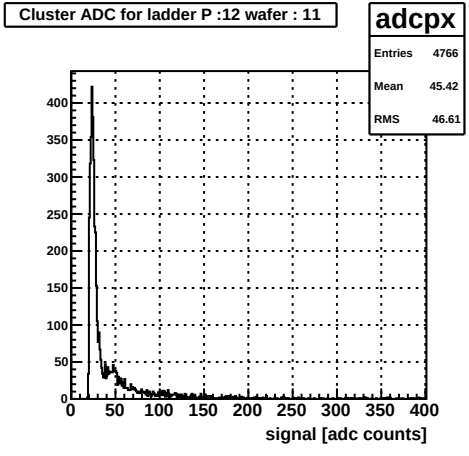

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2100
Mean 70.67
RMS 59.3
signal [adc counts]

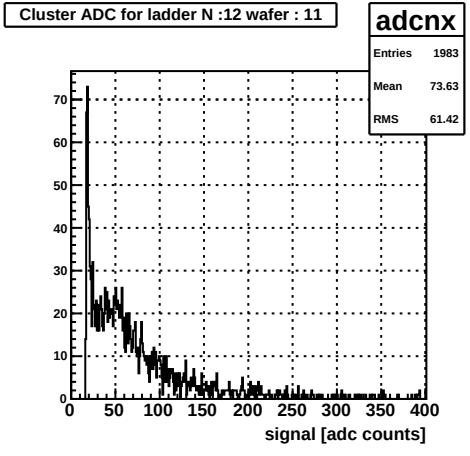

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2486
Mean 66.9
RMS 60.55
signal [adc counts]

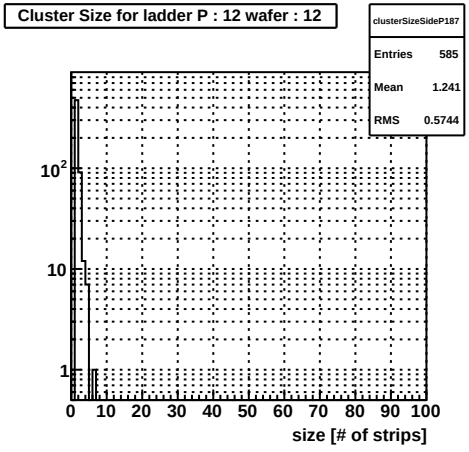

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4766
Mean 1.171
RMS 0.4739
size [# of strips]

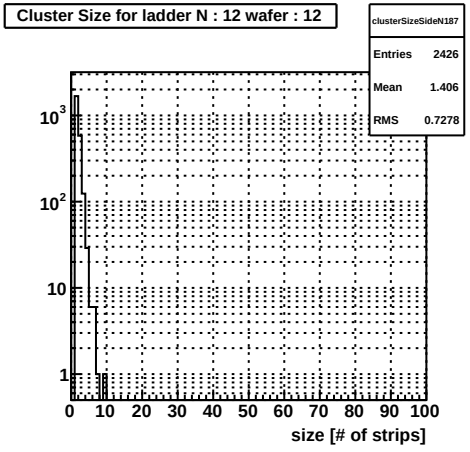

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1983
Mean 1.572
RMS 0.8684
size [# of strips]

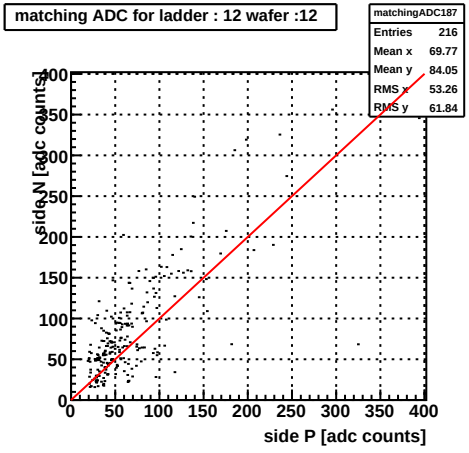

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1419
Mean x 79.19
Mean y 75.11
RMS x 60.71
RMS y 55.87
side N [adc counts]
side P [adc counts]

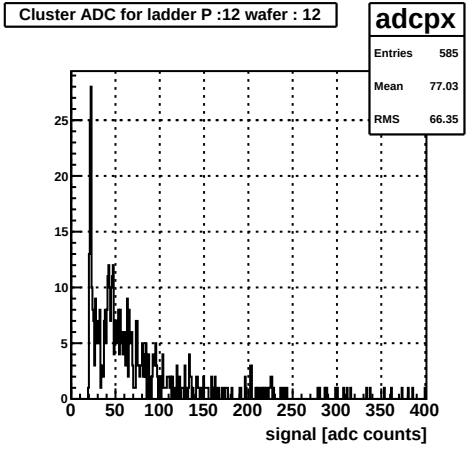

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4766
Mean 45.42
RMS 46.61
signal [adc counts]

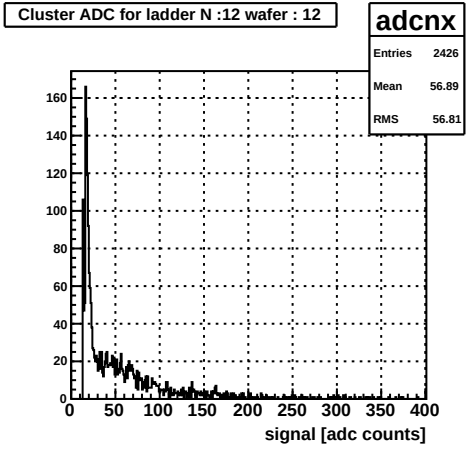

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1983
Mean 73.63
RMS 61.42
signal [adc counts]

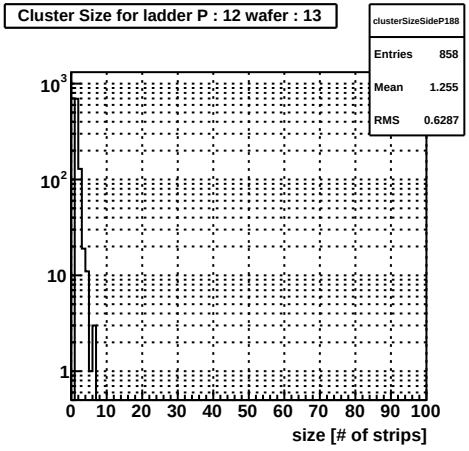

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 585
Mean 1.241
RMS 0.5744
size [# of strips]

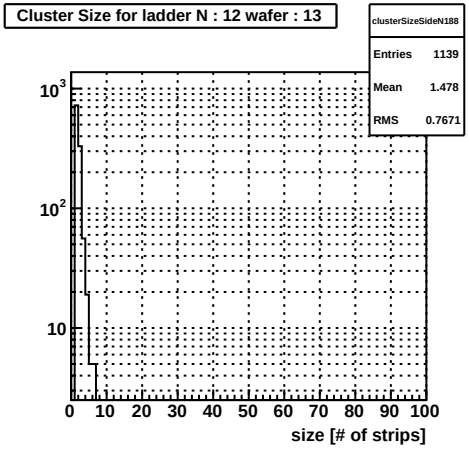

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2426
Mean 1.406
RMS 0.7278
size [# of strips]

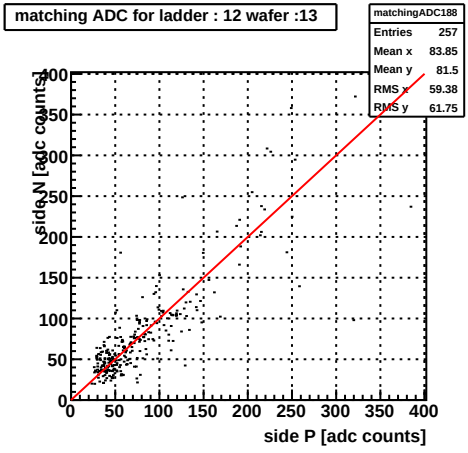

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 216
Mean x 69.77
Mean y 84.05
RMS x 53.26
RMS y 61.84
side N [adc counts]
side P [adc counts]

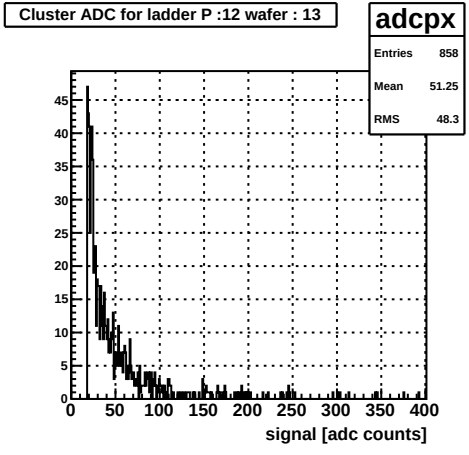

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 585
Mean 77.03
RMS 66.35
signal [adc counts]

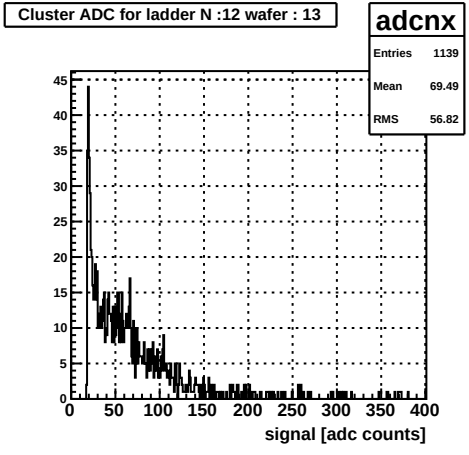

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2426
Mean 56.89
RMS 56.81
signal [adc counts]

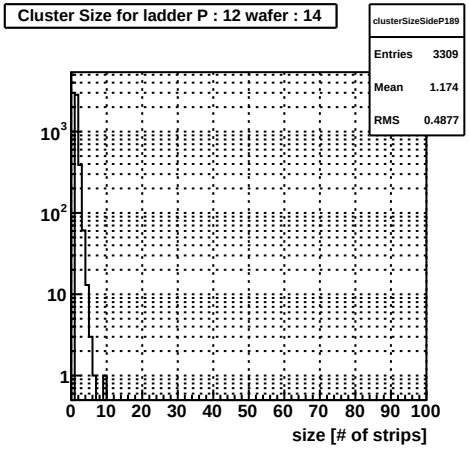

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 858
Mean 1.255
RMS 0.6287
size [# of strips]

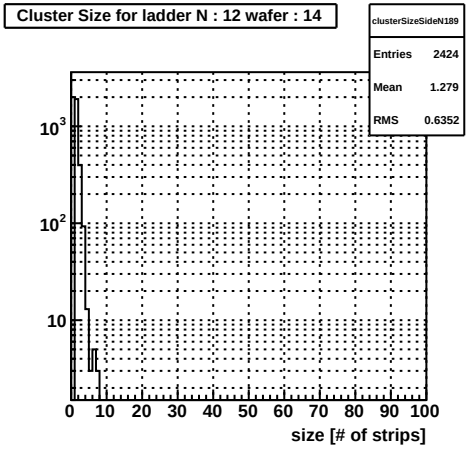

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1139
Mean 1.478
RMS 0.7671
size [# of strips]

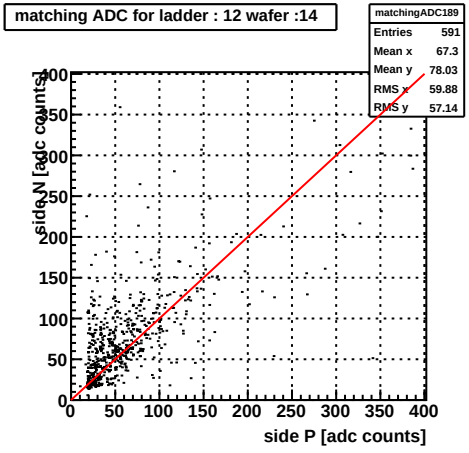

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 257
Mean x 83.85
Mean y 81.5
RMS x 59.38
RMS y 61.75
side N [adc counts]
side P [adc counts]

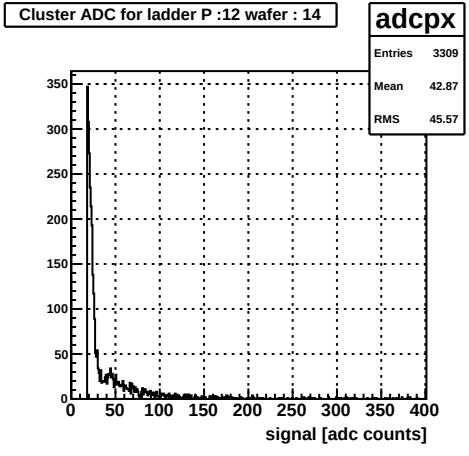

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 858
Mean 51.25
RMS 48.3
signal [adc counts]

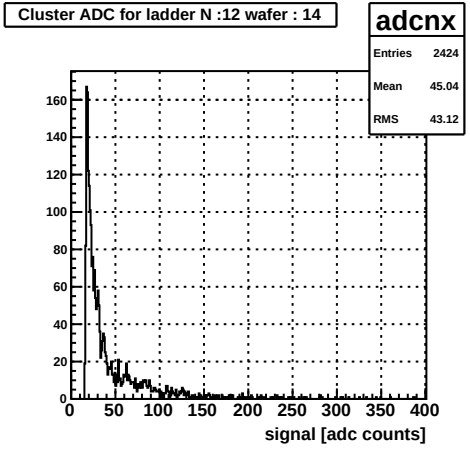

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1139
Mean 69.49
RMS 56.82
signal [adc counts]

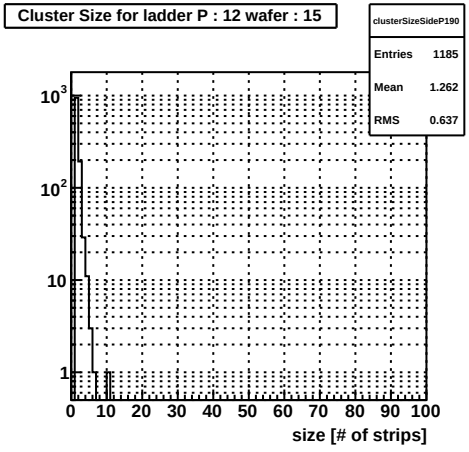

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3309
Mean 1.174
RMS 0.4877
size [# of strips]

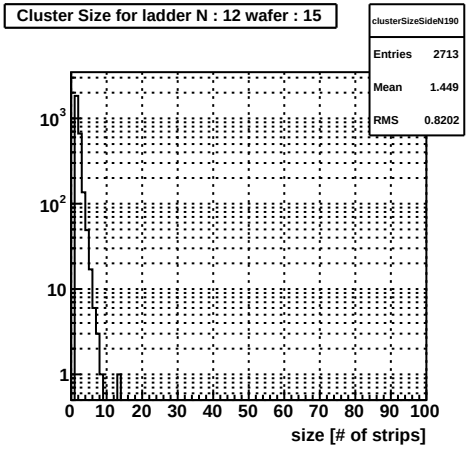

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2424
Mean 1.279
RMS 0.6352
size [# of strips]

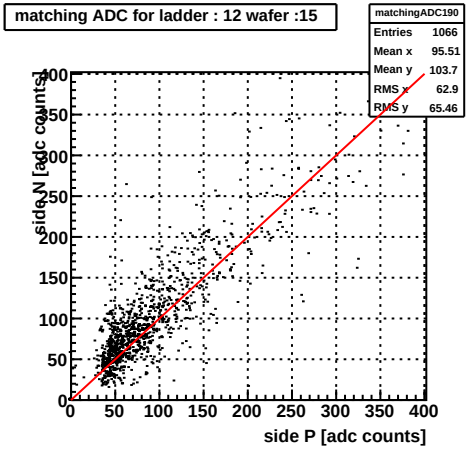

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 591
Mean x 67.3
Mean y 78.03
RMS x 59.88
RMS y 57.14
side N [adc counts]
side P [adc counts]

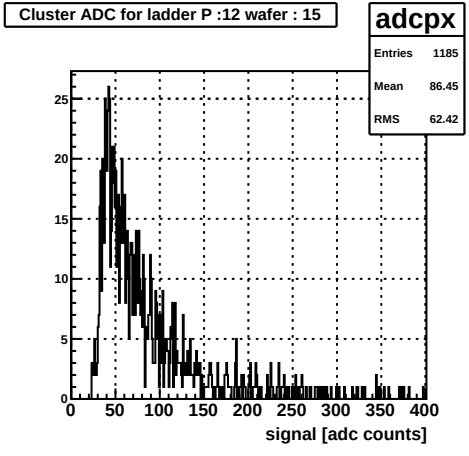

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3309
Mean 42.87
RMS 45.57
signal [adc counts]

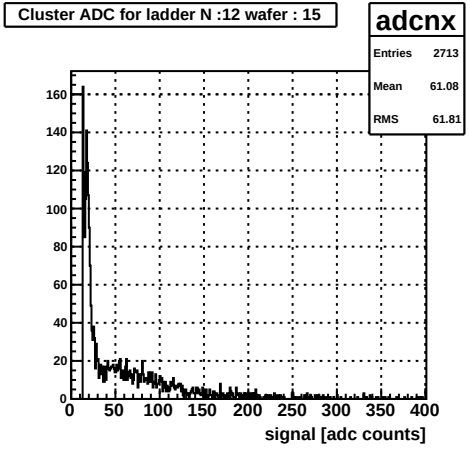

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2424
Mean 45.04
RMS 43.12
signal [adc counts]

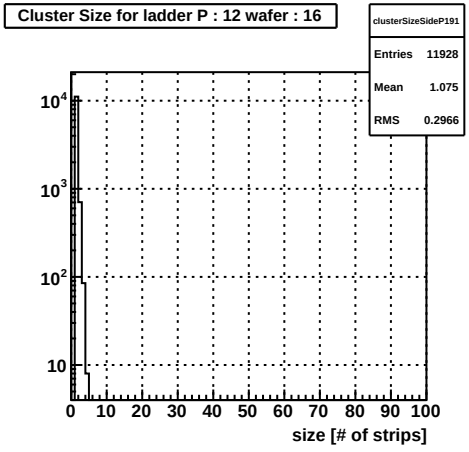

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1185
Mean 1.262
RMS 0.637
size [# of strips]

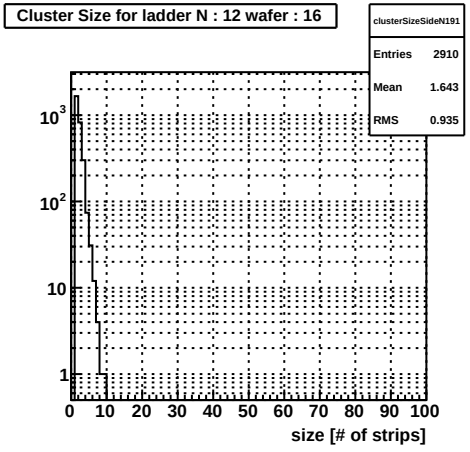

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2713
Mean 1.449
RMS 0.8202
size [# of strips]

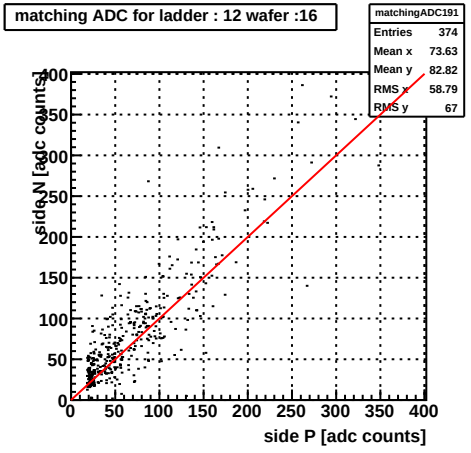

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1066
Mean x 95.51
Mean y 103.7
RMS x 62.9
RMS y 65.46
side N [adc counts]
side P [adc counts]

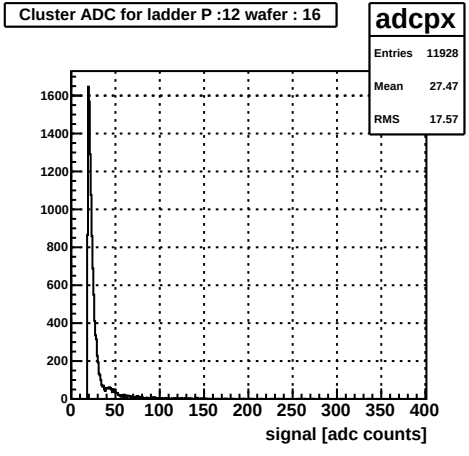

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1185
Mean 86.45
RMS 62.42
signal [adc counts]

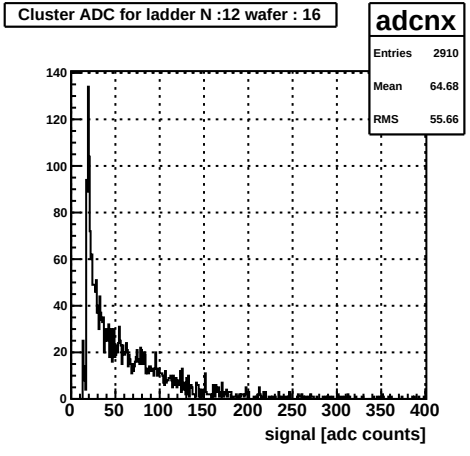

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2713
Mean 61.08
RMS 61.81
signal [adc counts]

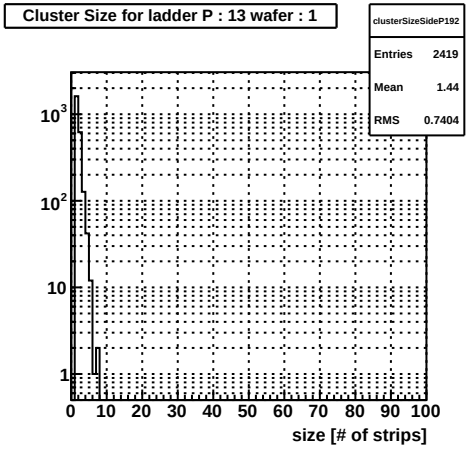

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 11928
Mean 1.075
RMS 0.2966
size [# of strips]

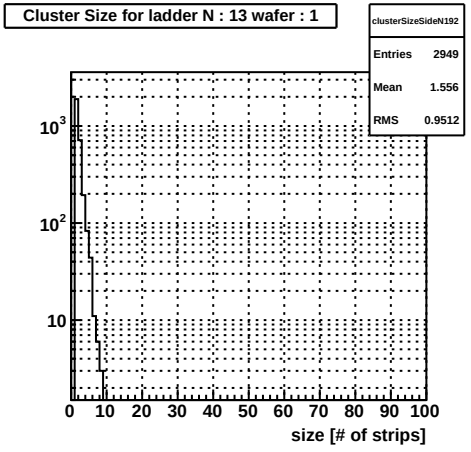

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2910
Mean 1.643
RMS 0.935
size [# of strips]

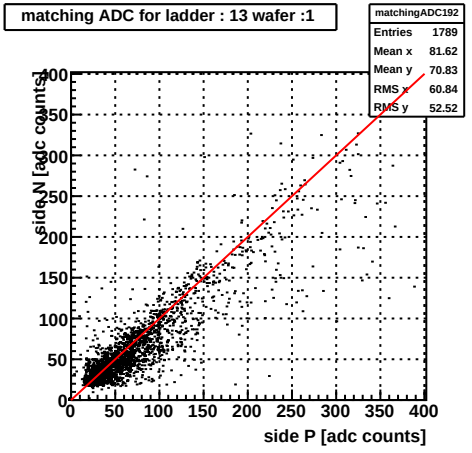

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 374
Mean x 73.63
Mean y 82.82
RMS x 58.79
RMS y 67
side N [adc counts]
side P [adc counts]

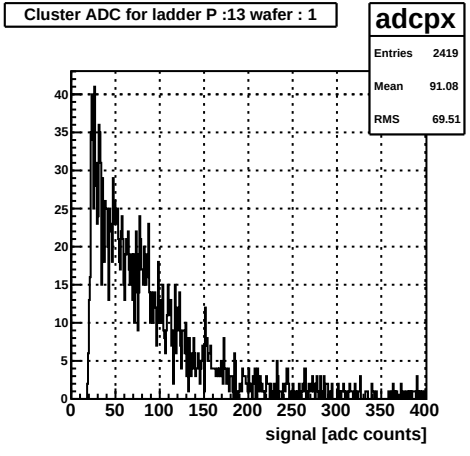

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 11928
Mean 27.47
RMS 17.57
signal [adc counts]

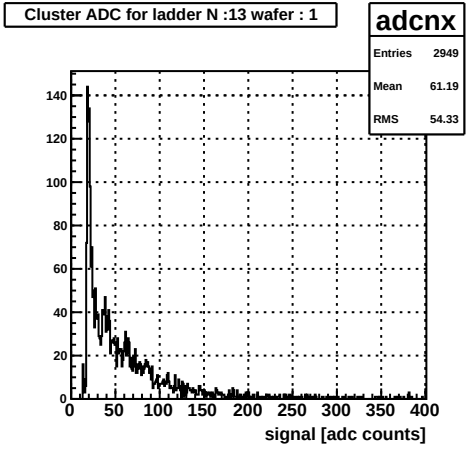

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2910
Mean 64.68
RMS 55.66
signal [adc counts]

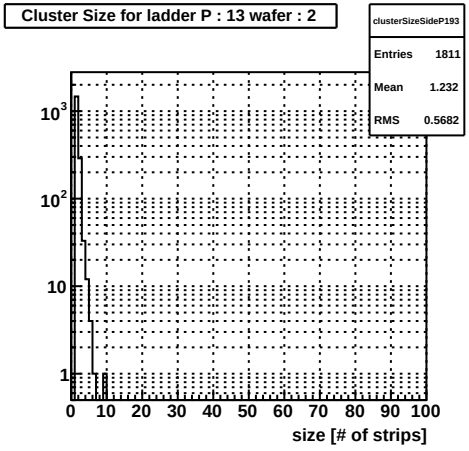

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2419
Mean 1.44
RMS 0.7404
size [# of strips]

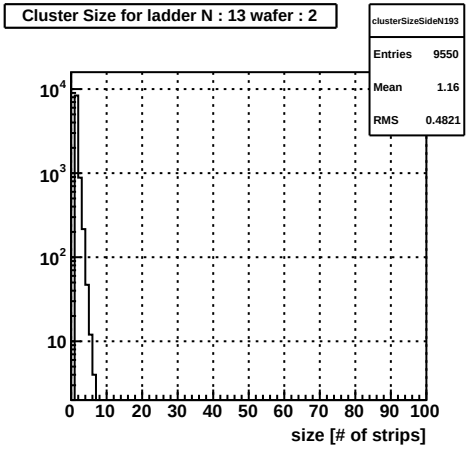

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2949
Mean 1.556
RMS 0.9512
size [# of strips]

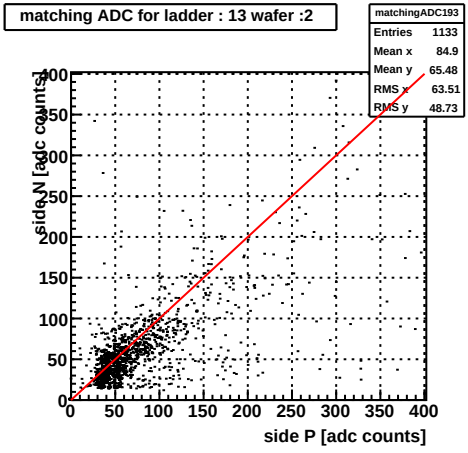

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1789
Mean x 81.62
Mean y 70.83
RMS x 60.84
RMS y 52.52
side N [adc counts]
side P [adc counts]

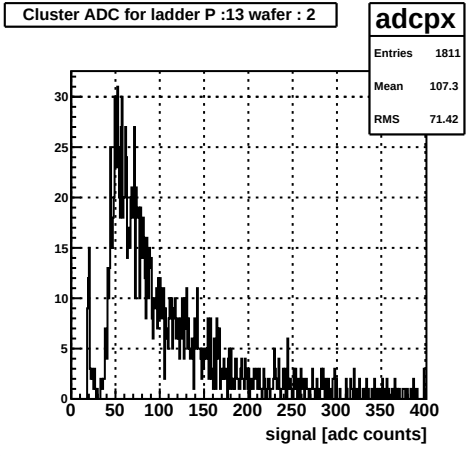

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2419
Mean 91.08
RMS 69.51
signal [adc counts]

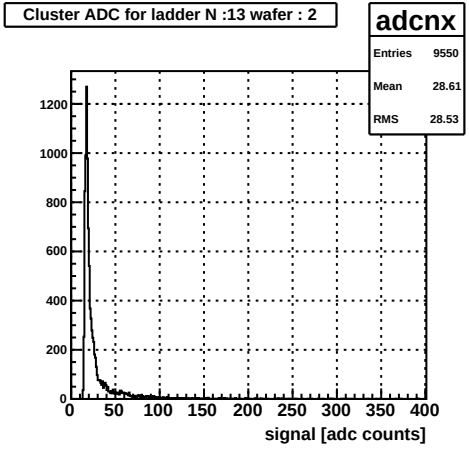

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2949
Mean 61.19
RMS 54.33
signal [adc counts]

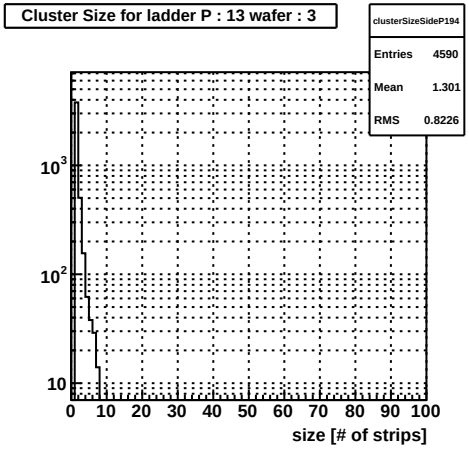

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1811
Mean 1.232
RMS 0.5682
size [# of strips]

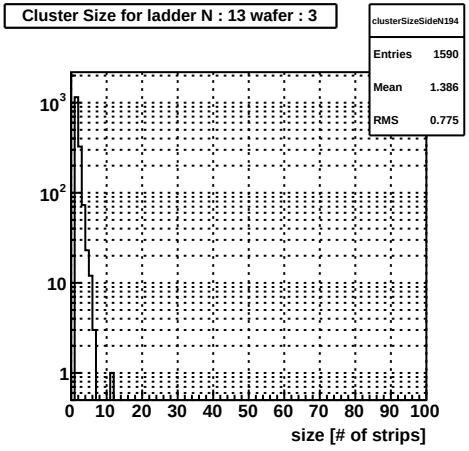

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9550
Mean 1.16
RMS 0.4821
size [# of strips]

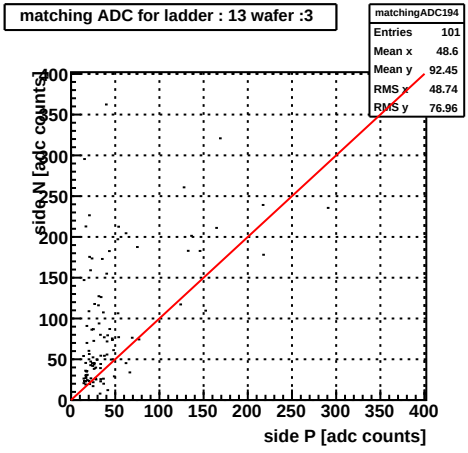

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1133
Mean x 84.9
Mean y 65.48
RMS x 63.51
RMS y 48.73
side N [adc counts]
side P [adc counts]

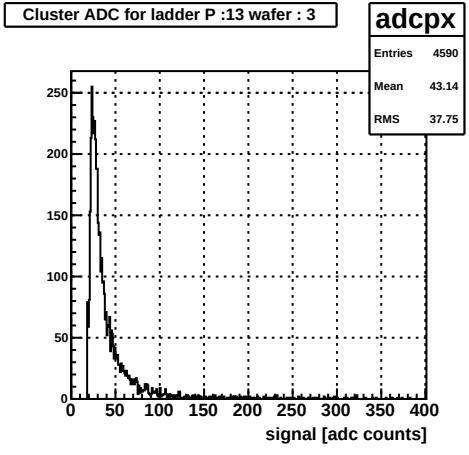

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1811
Mean 107.3
RMS 71.42
signal [adc counts]

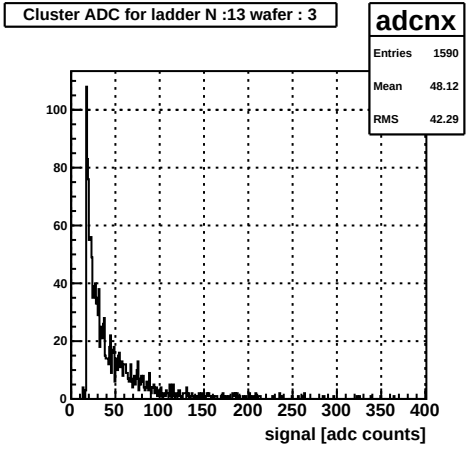

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9550
Mean 28.61
RMS 28.53
signal [adc counts]

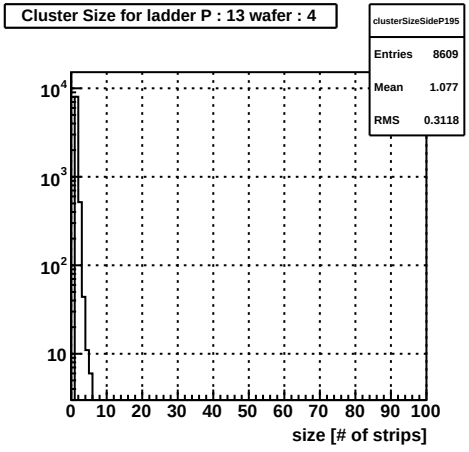

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4590
Mean 1.301
RMS 0.8226
size [# of strips]

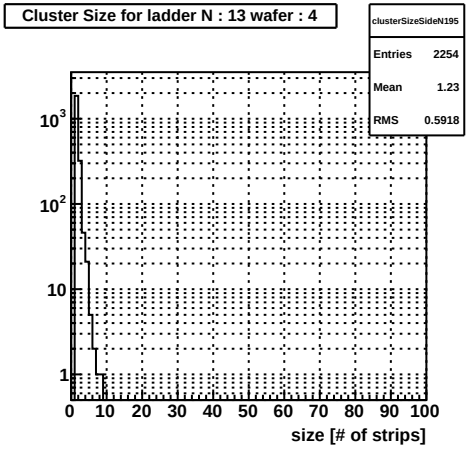

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1590
Mean 1.386
RMS 0.775
size [# of strips]

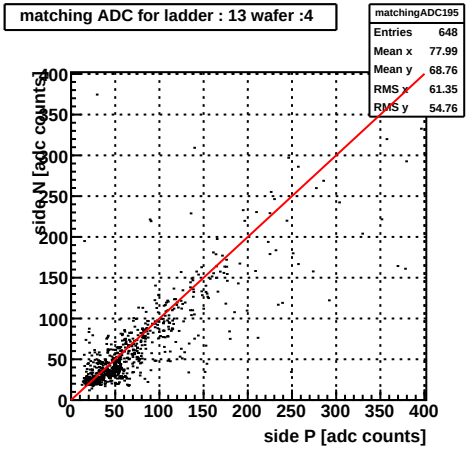

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 101
Mean x 48.6
Mean y 92.45
RMS x 48.74
RMS y 76.96
side N [adc counts]
side P [adc counts]

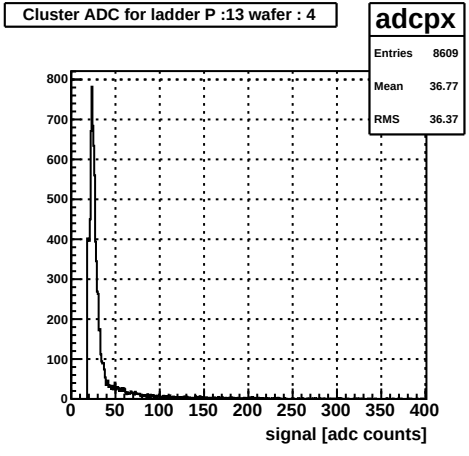

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4590
Mean 43.14
RMS 37.75
signal [adc counts]

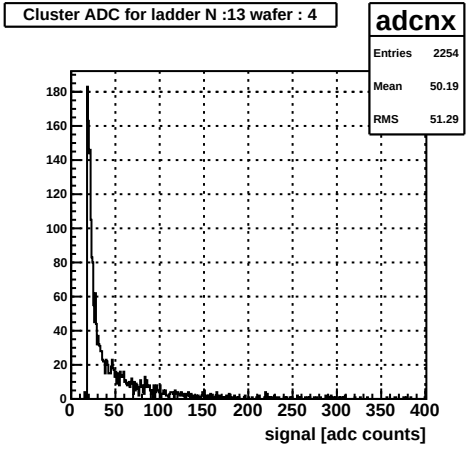

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1590
Mean 48.12
RMS 42.29
signal [adc counts]

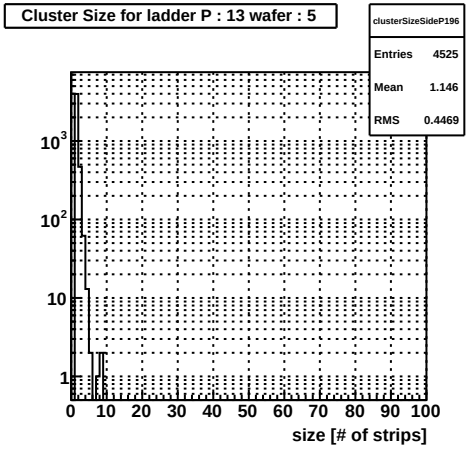

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 8609
Mean 1.077
RMS 0.3118
size [# of strips]

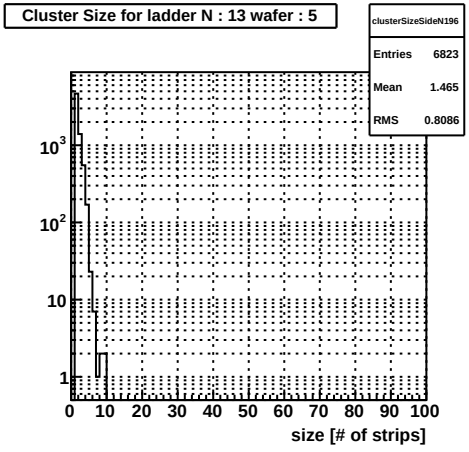

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2254
Mean 1.23
RMS 0.5918
size [# of strips]

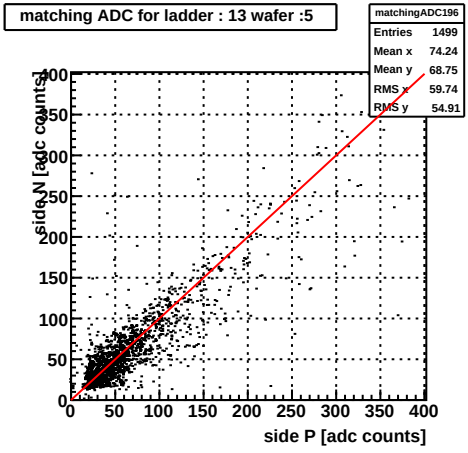

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 648
Mean x 77.99
Mean y 68.76
RMS x 61.35
RMS y 54.76
side N [adc counts]
side P [adc counts]

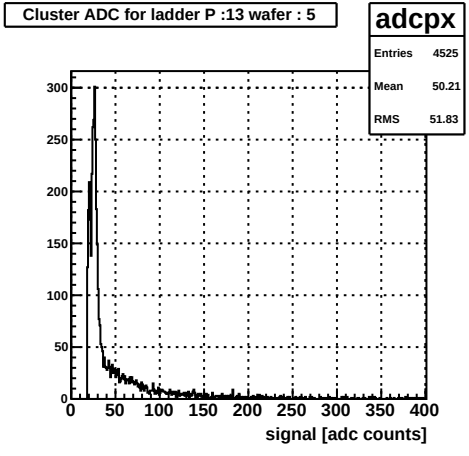

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 8609
Mean 36.77
RMS 36.37
signal [adc counts]

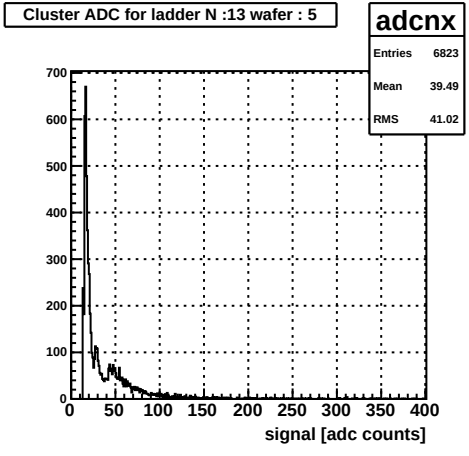

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2254
Mean 50.19
RMS 51.29
signal [adc counts]

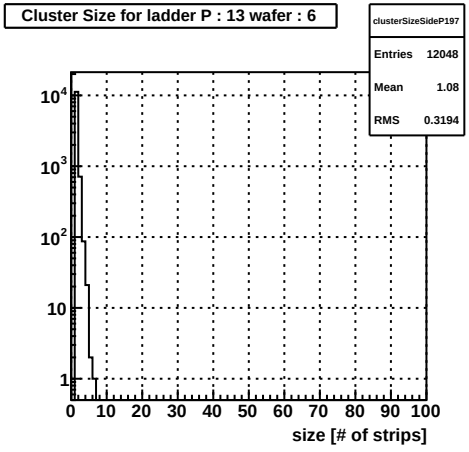

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4525
Mean 1.146
RMS 0.4469
size [# of strips]

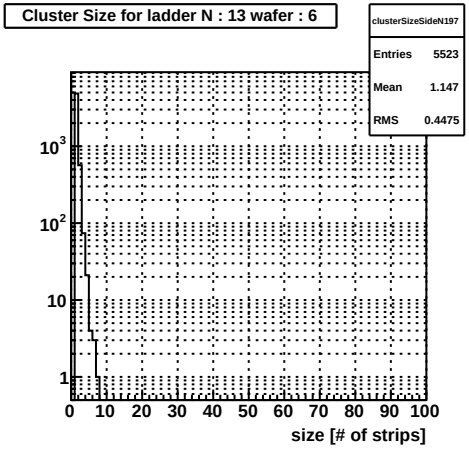

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6823
Mean 1.465
RMS 0.8086
size [# of strips]

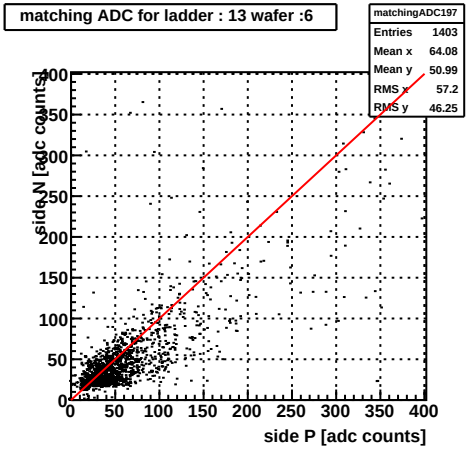

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1499
Mean x 74.24
Mean y 68.75
RMS x 59.74
RMS y 54.91
side N [adc counts]
side P [adc counts]

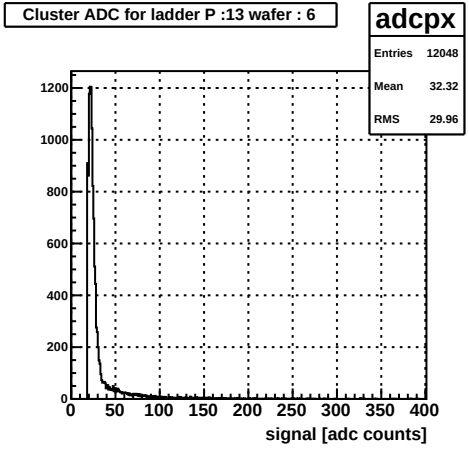

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4525
Mean 50.21
RMS 51.83
signal [adc counts]

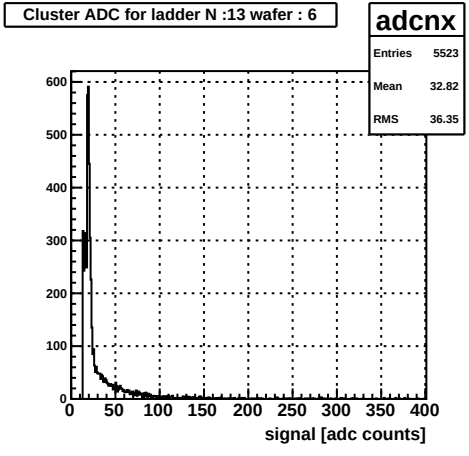

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6823
Mean 39.49
RMS 41.02
signal [adc counts]

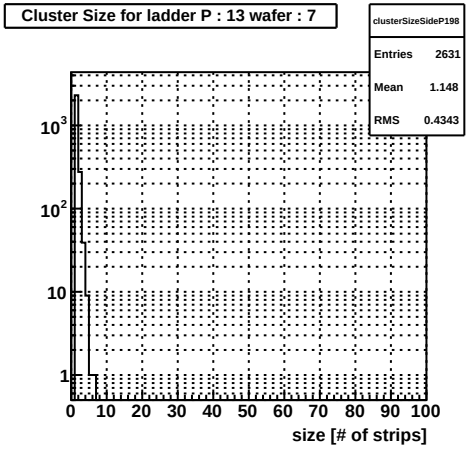

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12048
Mean 1.08
RMS 0.3194
size [# of strips]

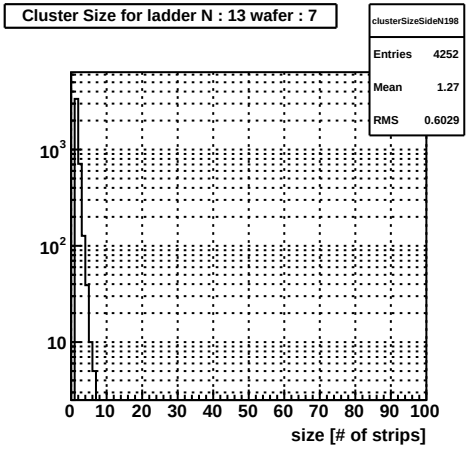

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5523
Mean 1.147
RMS 0.4475
size [# of strips]

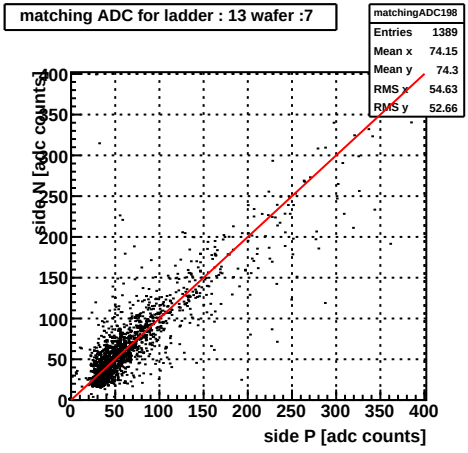

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1403
Mean x 64.08
Mean y 50.99
RMS x 57.2
RMS y 46.25
side N [adc counts]
side P [adc counts]

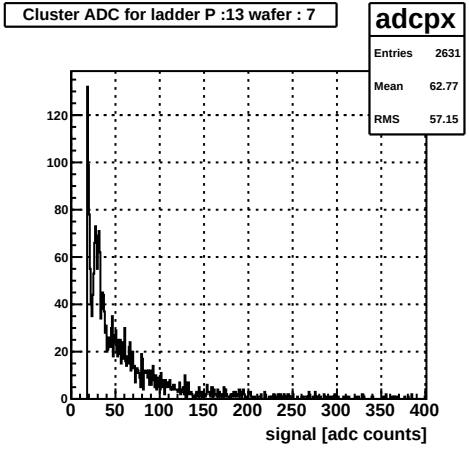

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12048
Mean 32.32
RMS 29.96
signal [adc counts]

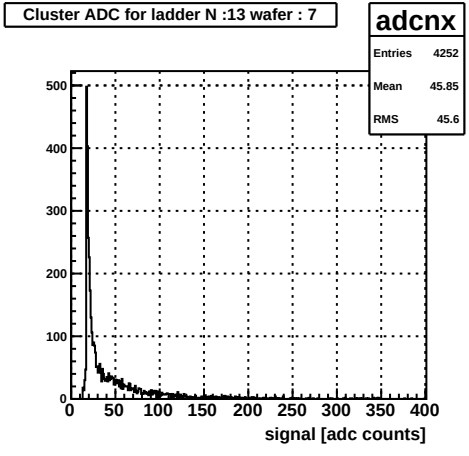

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5523
Mean 32.82
RMS 36.35
signal [adc counts]

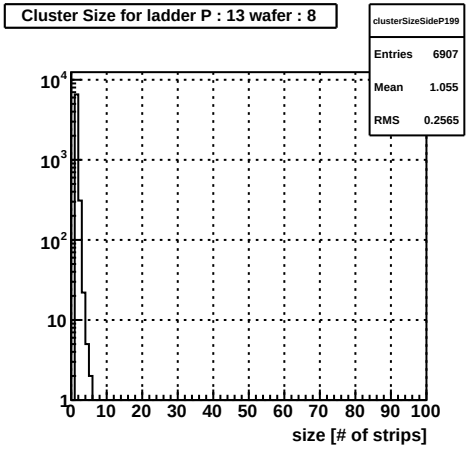

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2631
Mean 1.148
RMS 0.4343
size [# of strips]

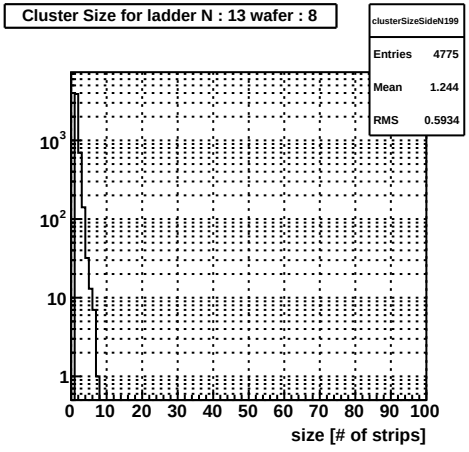

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4252
Mean 1.27
RMS 0.6029
size [# of strips]

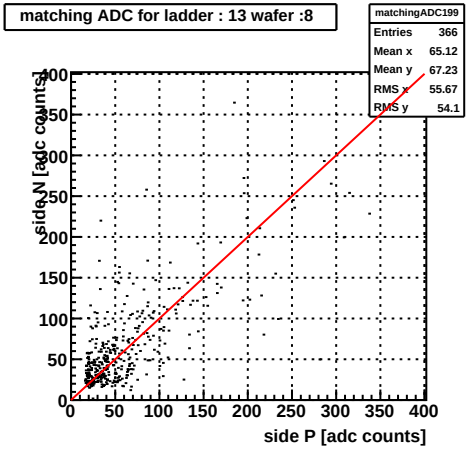

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1389
Mean x 74.15
Mean y 74.3
RMS x 54.63
RMS y 52.66
side N [adc counts]
side P [adc counts]

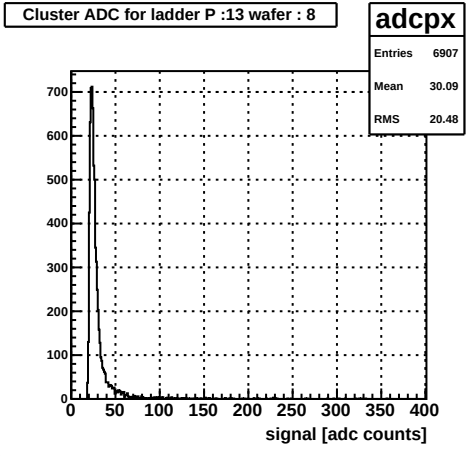

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2631
Mean 62.77
RMS 57.15
signal [adc counts]

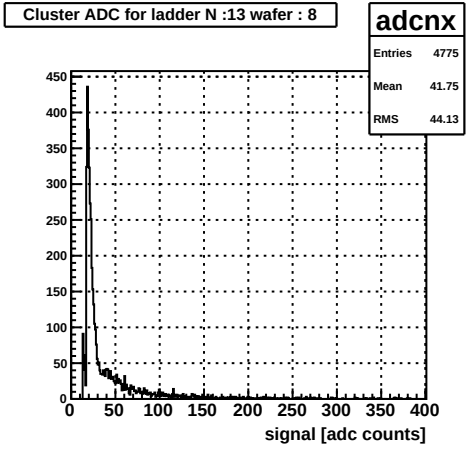

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4252
Mean 45.85
RMS 45.6
signal [adc counts]

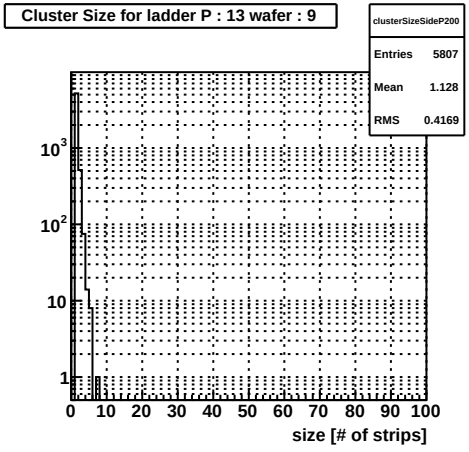

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6907
Mean 1.055
RMS 0.2565
size [# of strips]

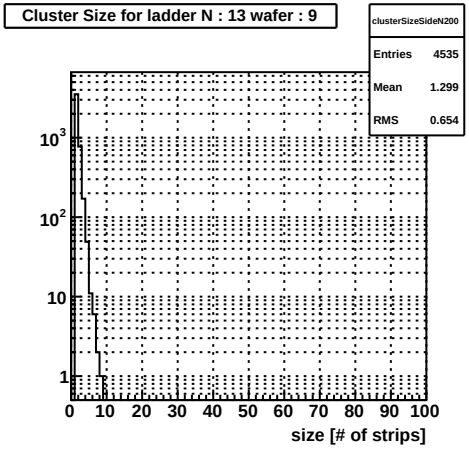

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 4775
Mean 1.244
RMS 0.5934
size [# of strips]

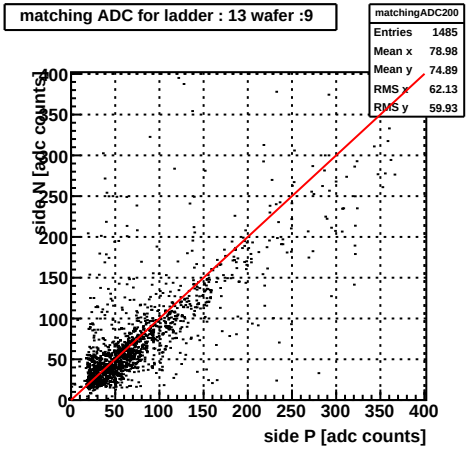

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 366
Mean x 65.12
Mean y 67.23
RMS x 55.67
RMS y 54.1
side N [adc counts]
side P [adc counts]

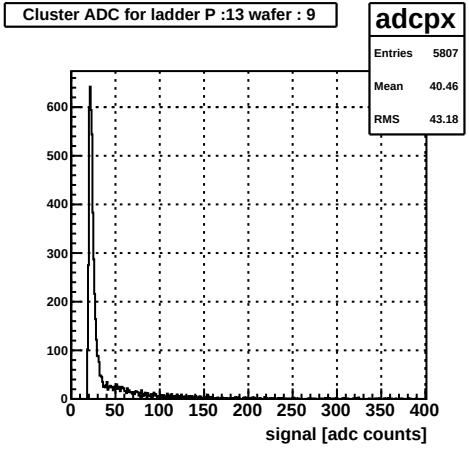

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6907
Mean 30.09
RMS 20.48
signal [adc counts]

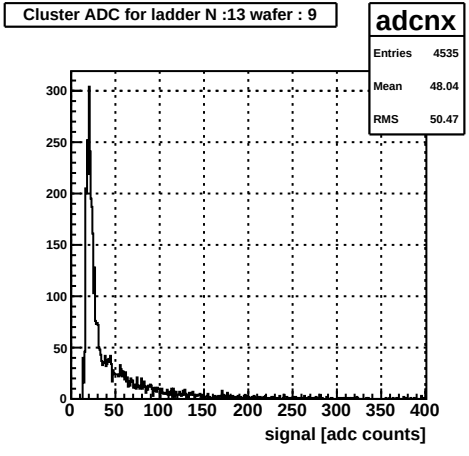

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 4775
Mean 41.75
RMS 44.13
signal [adc counts]

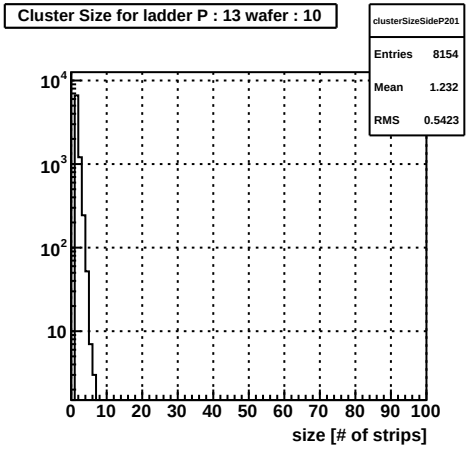

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5807
Mean 1.128
RMS 0.4169
size [# of strips]

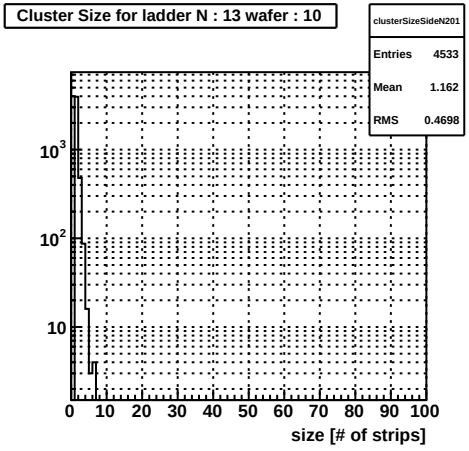

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4535
Mean 1.299
RMS 0.654
size [# of strips]

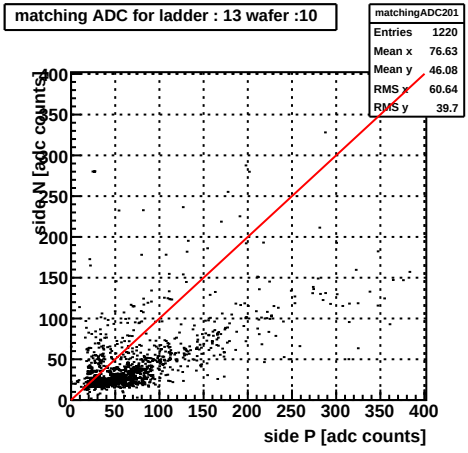

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1485
Mean x 78.98
Mean y 74.89
RMS x 62.13
RMS y 59.93
side N [adc counts]
side P [adc counts]

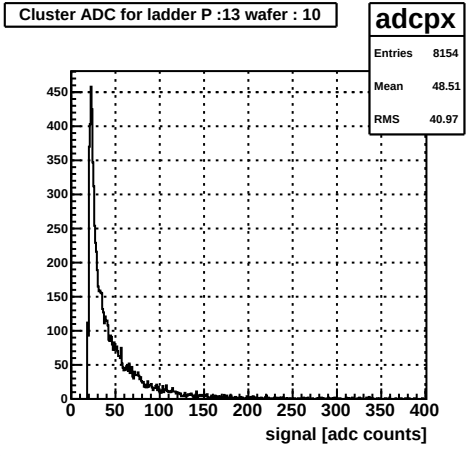

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5807
Mean 40.46
RMS 43.18
signal [adc counts]

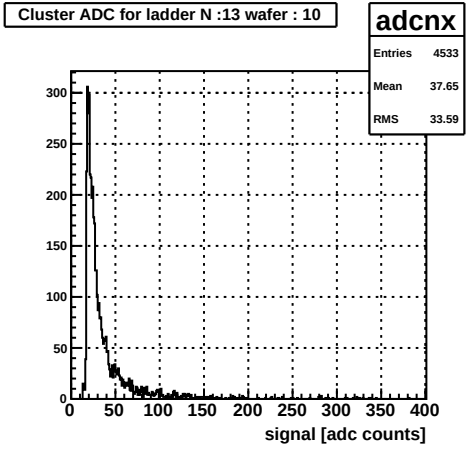

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4535
Mean 48.04
RMS 50.47
signal [adc counts]

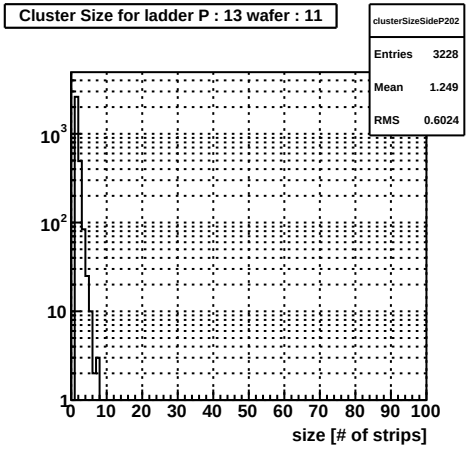

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 8154
Mean 1.232
RMS 0.5423
size [# of strips]

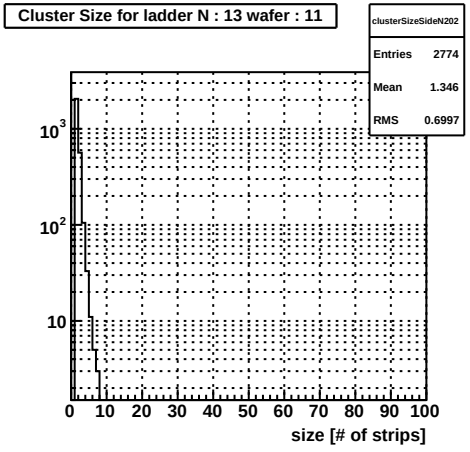

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4533
Mean 1.162
RMS 0.4698
size [# of strips]

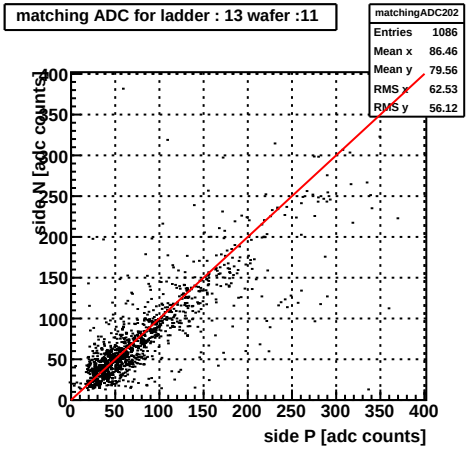

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1220
Mean x 76.63
Mean y 46.08
RMS x 60.64
RMS y 39.7
side N [adc counts]
side P [adc counts]

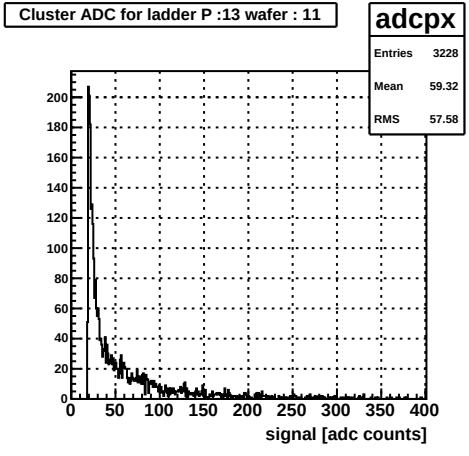

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 8154
Mean 48.51
RMS 40.97
signal [adc counts]

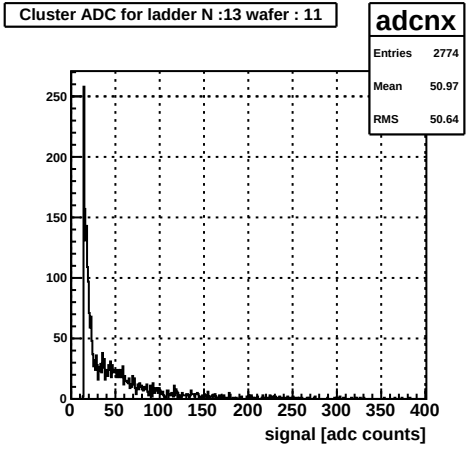

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4533
Mean 37.65
RMS 33.59
signal [adc counts]

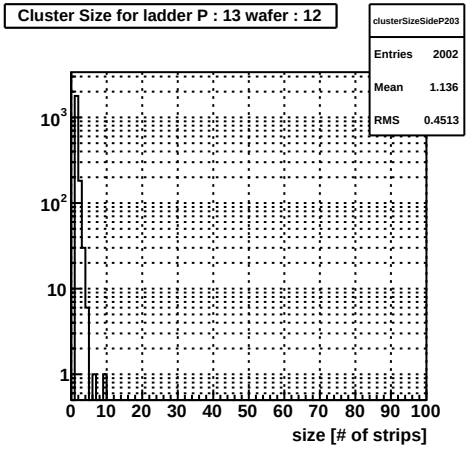

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3228
Mean 1.249
RMS 0.6024
size [# of strips]

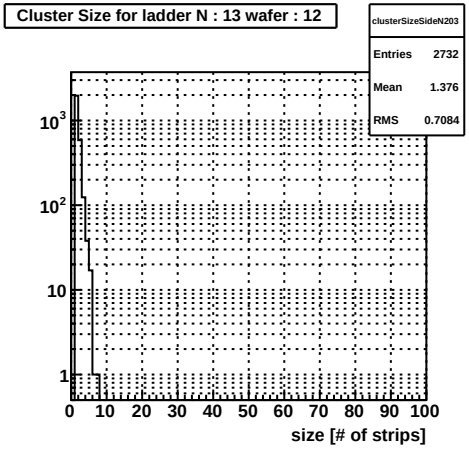

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2774
Mean 1.346
RMS 0.6997
size [# of strips]

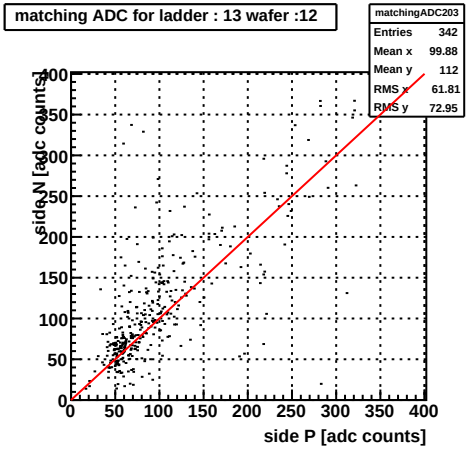

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1086
Mean x 86.46
Mean y 79.56
RMS x 62.53
RMS y 56.12
side N [adc counts]
side P [adc counts]

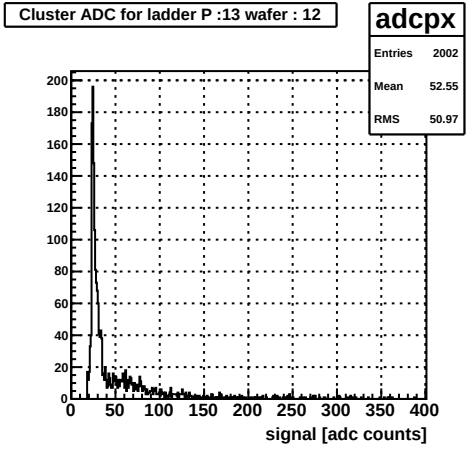

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3228
Mean 59.32
RMS 57.58
signal [adc counts]

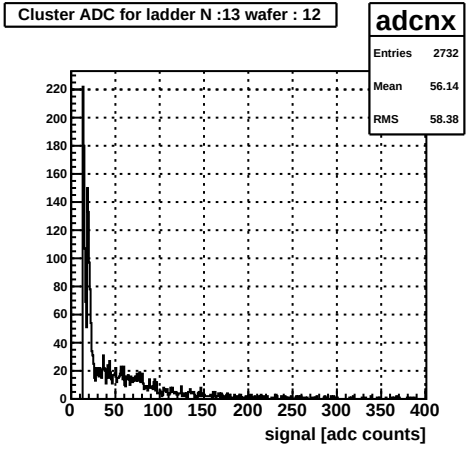

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2774
Mean 50.97
RMS 50.64
signal [adc counts]

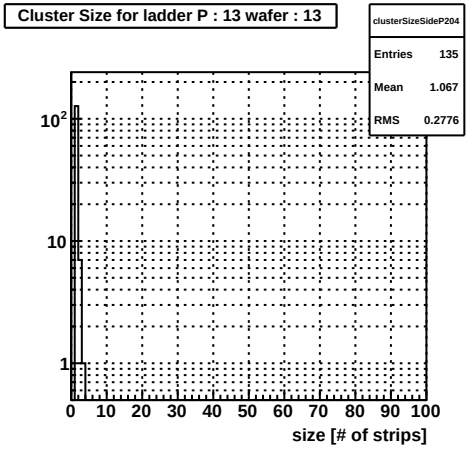

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2002
Mean 1.136
RMS 0.4513
size [# of strips]

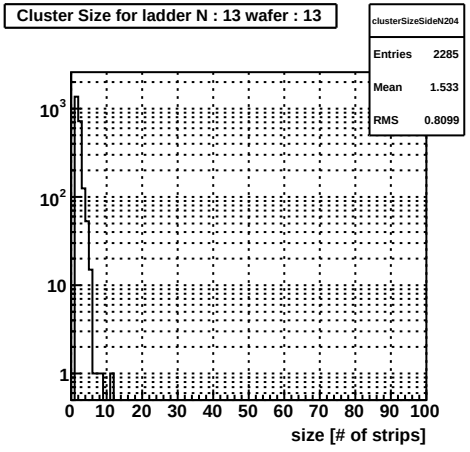

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2732
Mean 1.376
RMS 0.7084
size [# of strips]

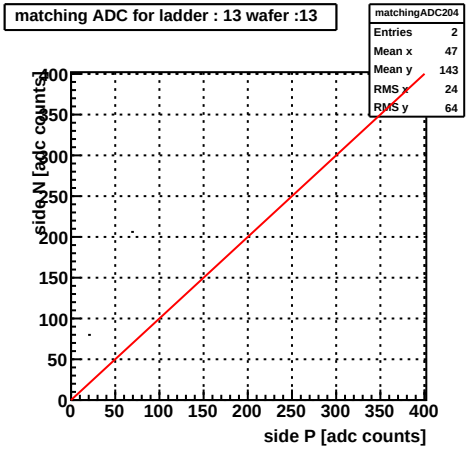

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 342
Mean x 99.88
Mean y 112
RMS x 61.81
RMS y 72.95
side N [adc counts]
side P [adc counts]

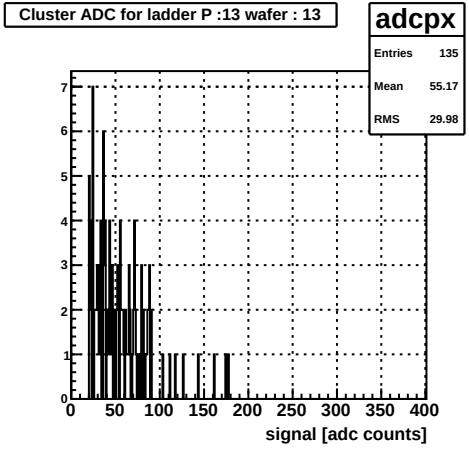

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2002
Mean 52.55
RMS 50.97
signal [adc counts]

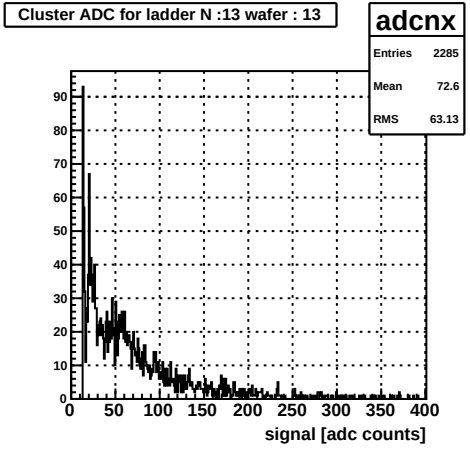

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2732
Mean 56.14
RMS 58.38
signal [adc counts]

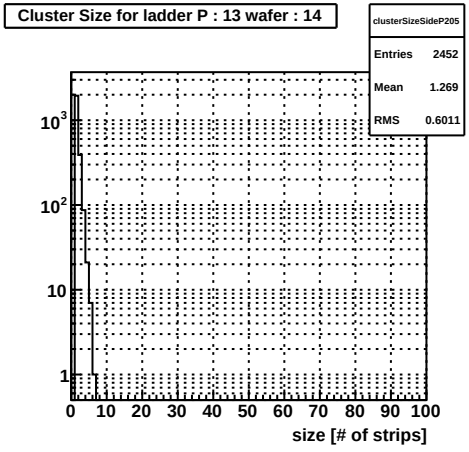

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 135
Mean 1.067
RMS 0.2776
size [# of strips]

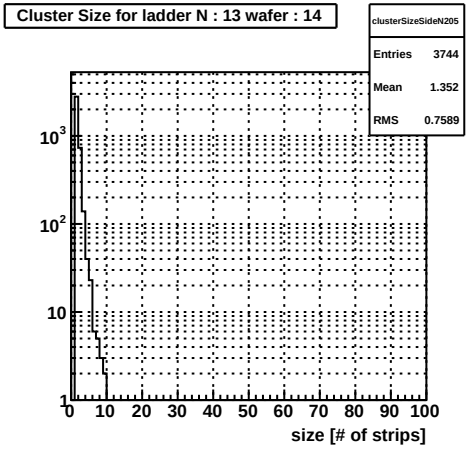

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2285
Mean 1.533
RMS 0.8099
size [# of strips]

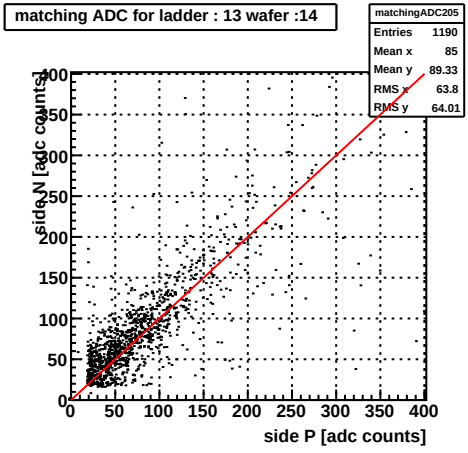

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 47
Mean y 143
RMS x 24
RMS y 64
side N [adc counts]
side P [adc counts]

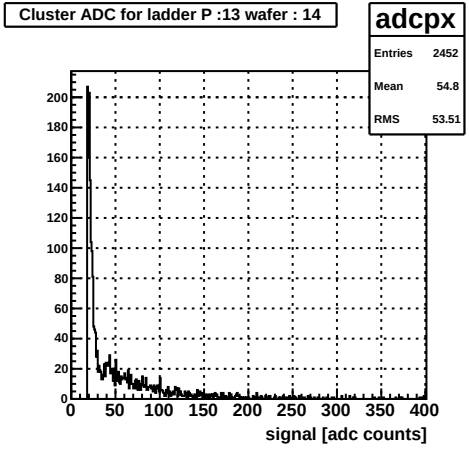

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 135
Mean 55.17
RMS 29.98
signal [adc counts]

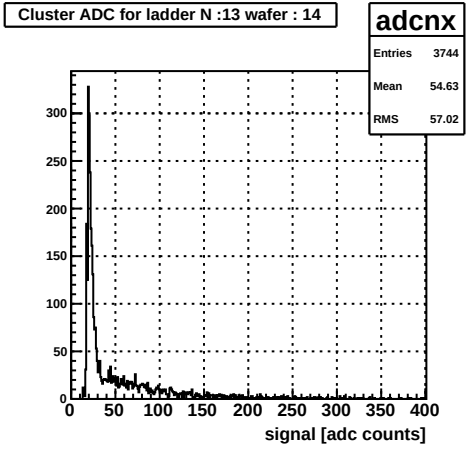

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2285
Mean 72.6
RMS 63.13
signal [adc counts]

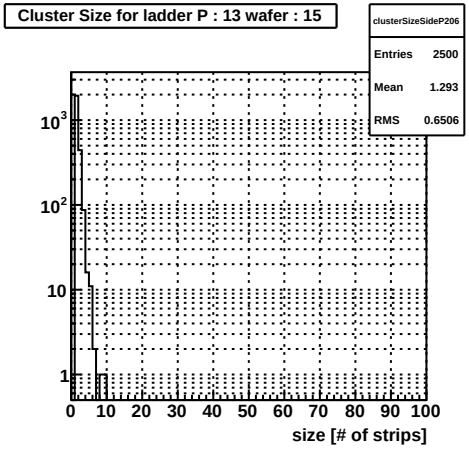

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2452
Mean 1.269
RMS 0.6011
size [# of strips]

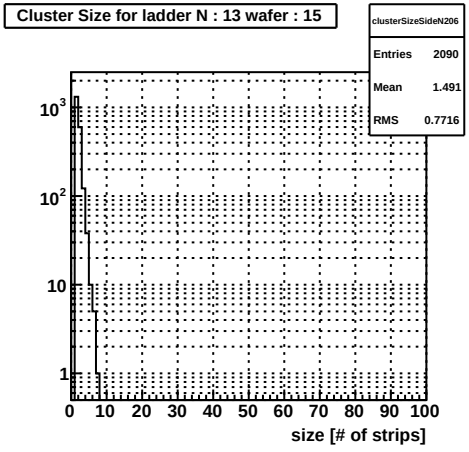

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3744
Mean 1.352
RMS 0.7589
size [# of strips]

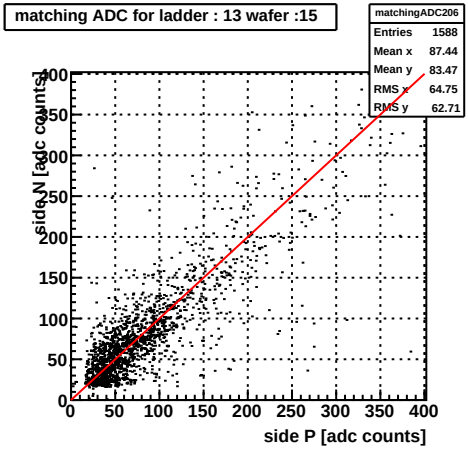

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1190
Mean x 85
Mean y 89.33
RMS x 63.8
RMS y 64.01
side N [adc counts]
side P [adc counts]

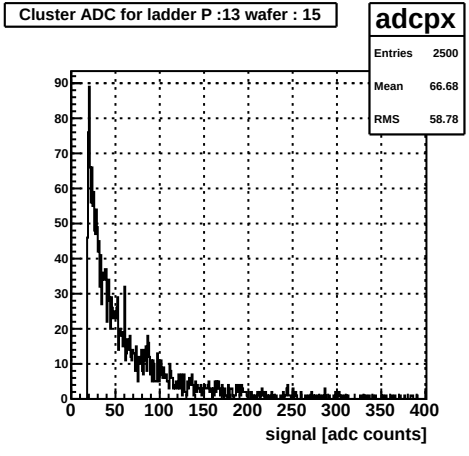

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2452
Mean 54.8
RMS 53.51
signal [adc counts]

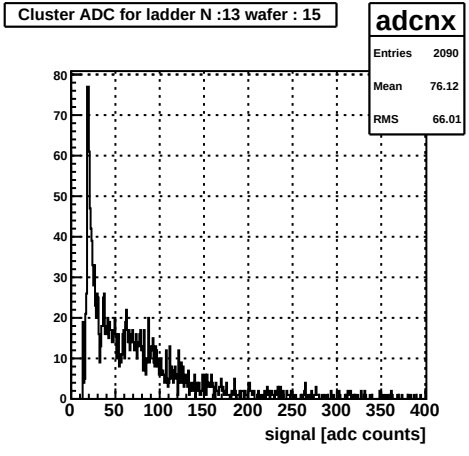

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3744
Mean 54.63
RMS 57.02
signal [adc counts]

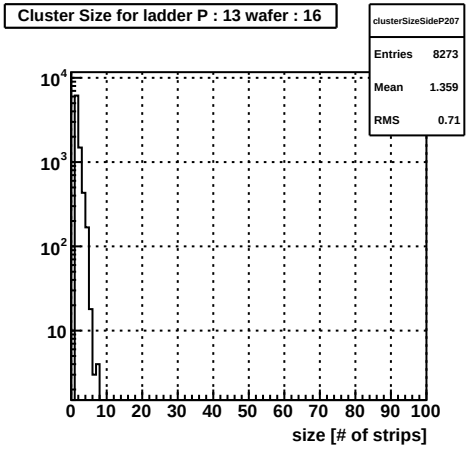

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2500
Mean 1.293
RMS 0.6506
size [# of strips]

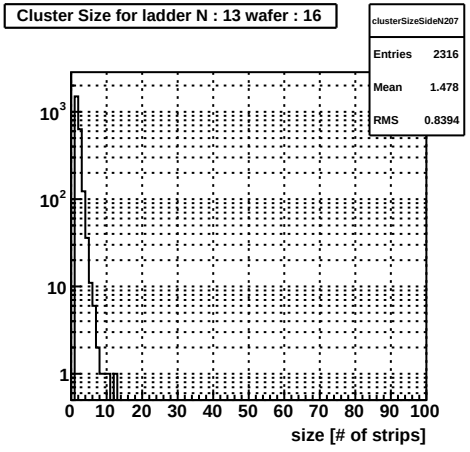

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2090
Mean 1.491
RMS 0.7716
size [# of strips]

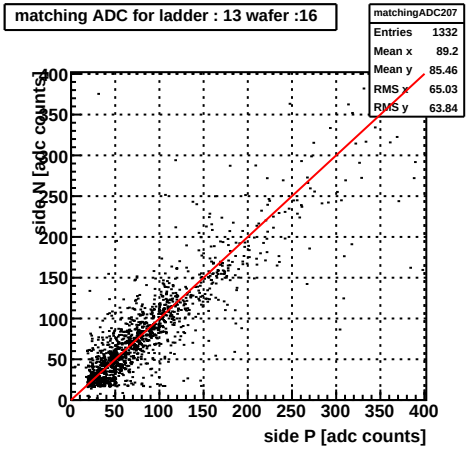

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1588
Mean x 87.44
Mean y 83.47
RMS x 64.75
RMS y 62.71
side N [adc counts]
side P [adc counts]

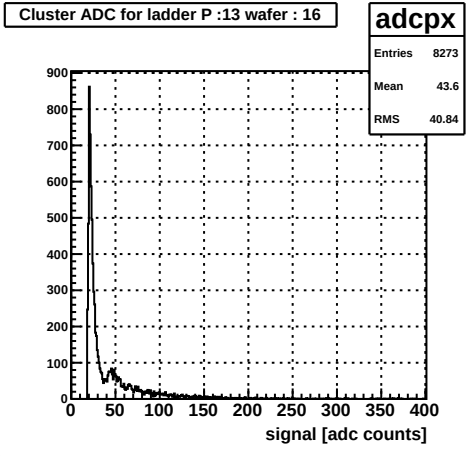

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2500
Mean 66.68
RMS 58.78
signal [adc counts]

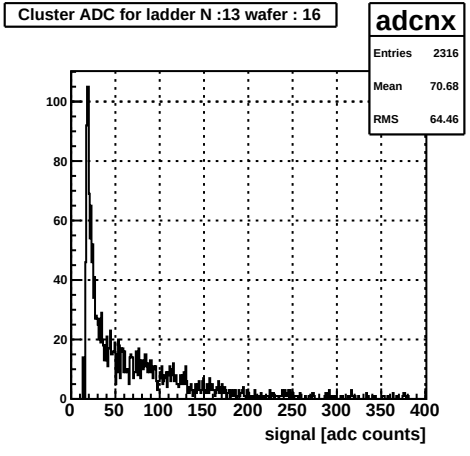

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2090
Mean 76.12
RMS 66.01
signal [adc counts]

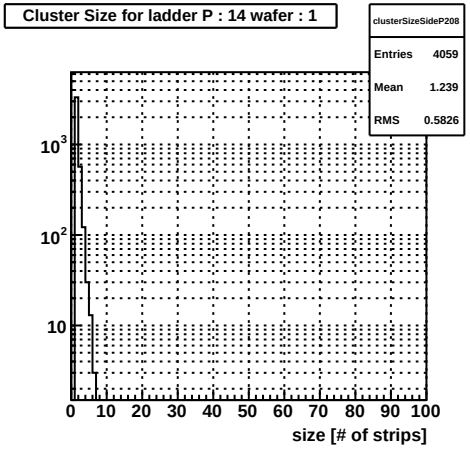

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8273
Mean 1.359
RMS 0.71
size [# of strips]

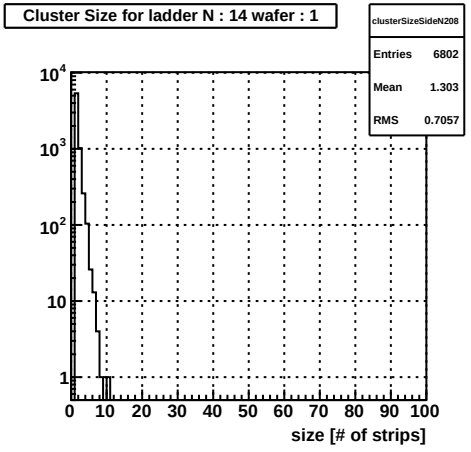

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2316
Mean 1.478
RMS 0.8394
size [# of strips]

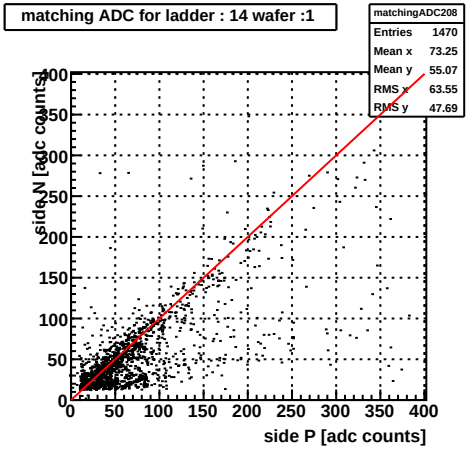

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1332
Mean x 89.2
Mean y 85.46
RMS x 65.03
RMS y 63.84
side N [adc counts]
side P [adc counts]

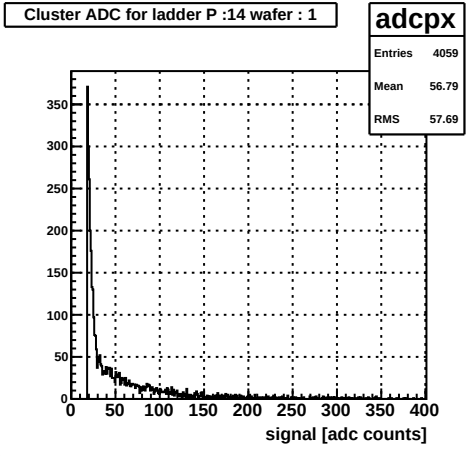

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8273
Mean 43.6
RMS 40.84
signal [adc counts]

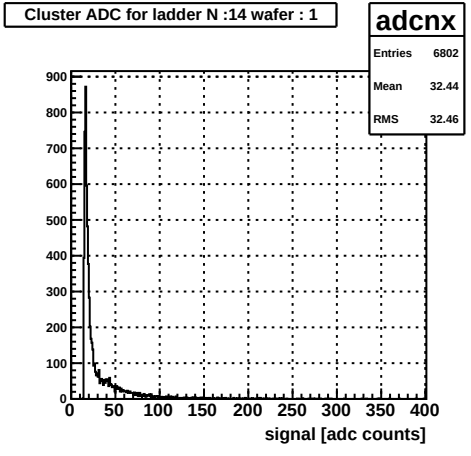

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2316
Mean 70.68
RMS 64.46
signal [adc counts]

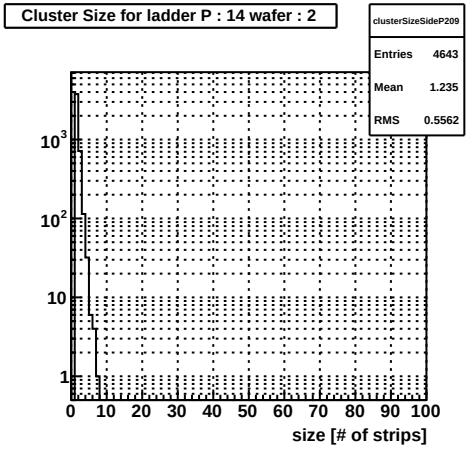

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4059
Mean 1.239
RMS 0.5826
size [# of strips]

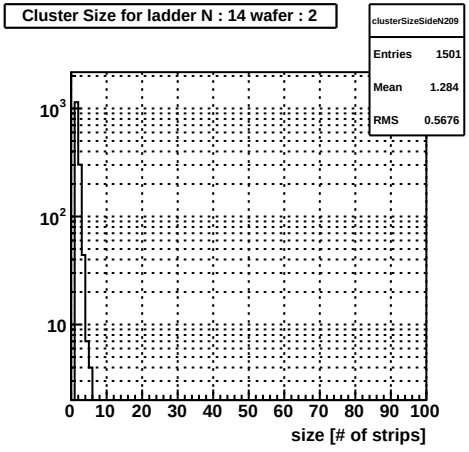

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6802
Mean 1.303
RMS 0.7057
size [# of strips]

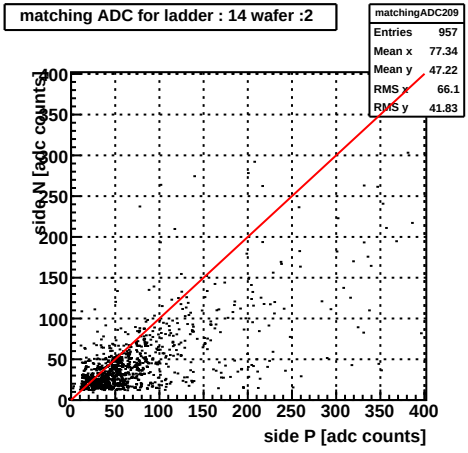

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1470
Mean x 73.25
Mean y 55.07
RMS x 63.55
RMS y 47.69
side N [adc counts]
side P [adc counts]

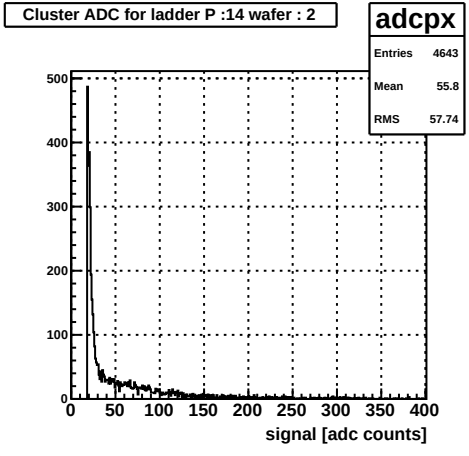

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4059
Mean 56.79
RMS 57.69
signal [adc counts]

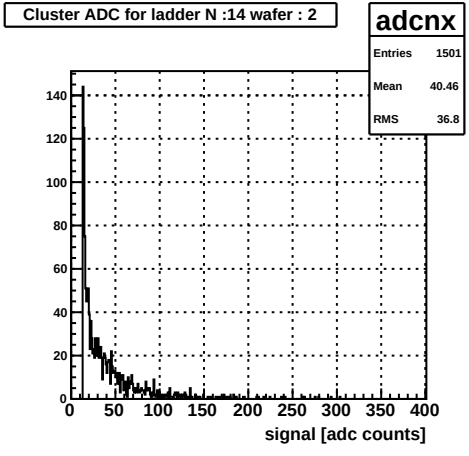

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6802
Mean 32.44
RMS 32.46
signal [adc counts]

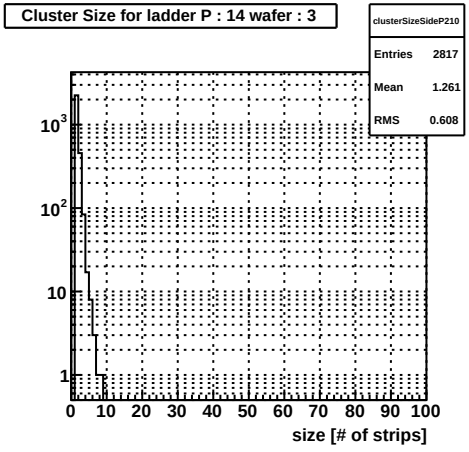

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4643
Mean 1.235
RMS 0.5562
size [# of strips]

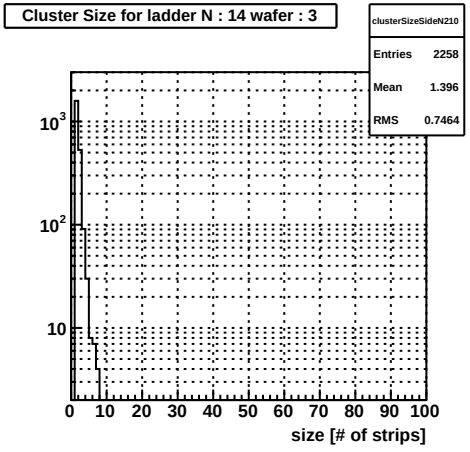

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1501
Mean 1.284
RMS 0.5676
size [# of strips]

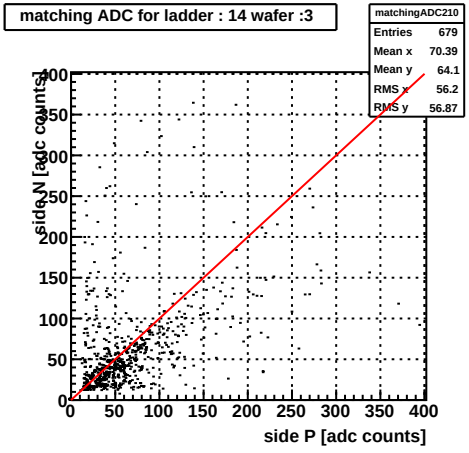

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 957
Mean x 77.34
Mean y 47.22
RMS x 66.1
RMS y 41.83
side N [adc counts]
side P [adc counts]

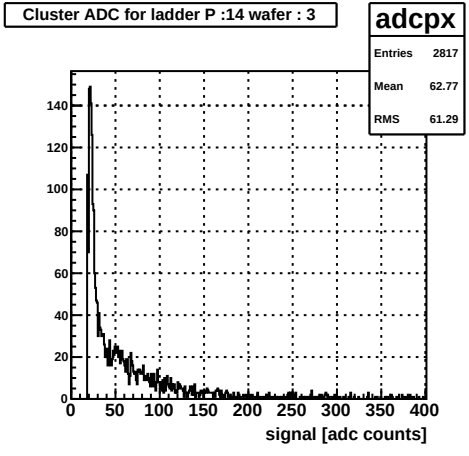

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4643
Mean 55.8
RMS 57.74
signal [adc counts]

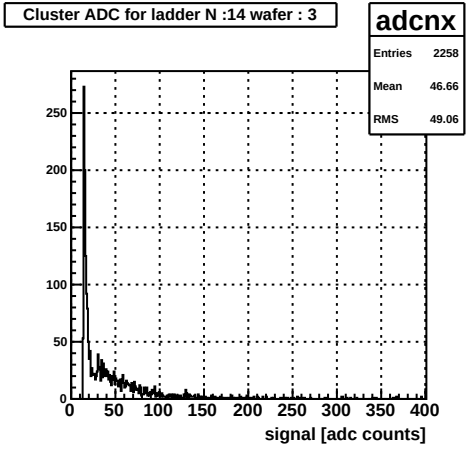

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1501
Mean 40.46
RMS 36.8
signal [adc counts]

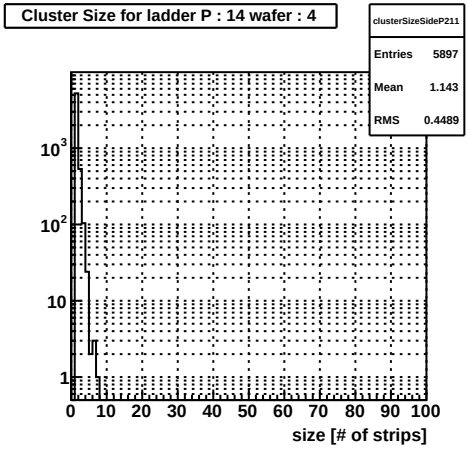

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2817
Mean 1.261
RMS 0.608
size [# of strips]

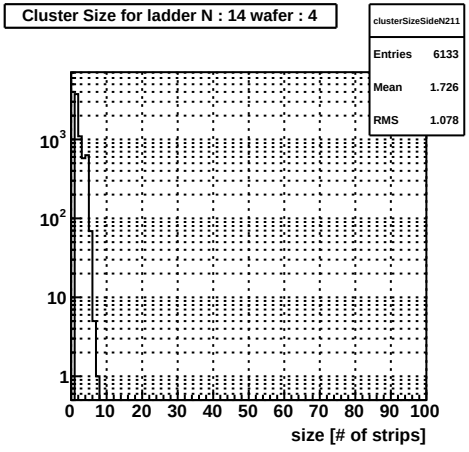

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2258
Mean 1.396
RMS 0.7464
size [# of strips]

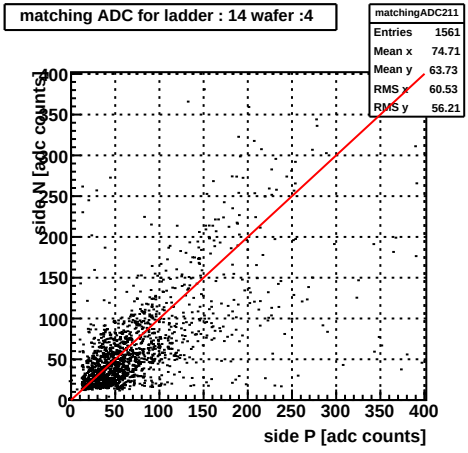

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 679
Mean x 70.39
Mean y 64.1
RMS x 56.2
RMS y 56.87
side N [adc counts]
side P [adc counts]

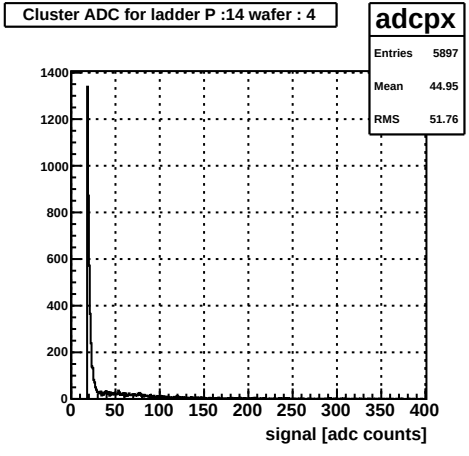

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2817
Mean 62.77
RMS 61.29
signal [adc counts]

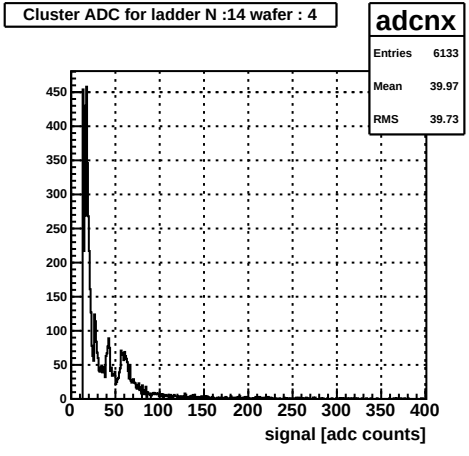

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2258
Mean 46.66
RMS 49.06
signal [adc counts]

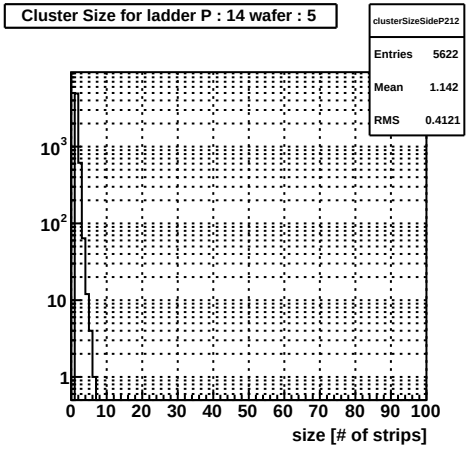

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5897
Mean 1.143
RMS 0.4489
size [# of strips]

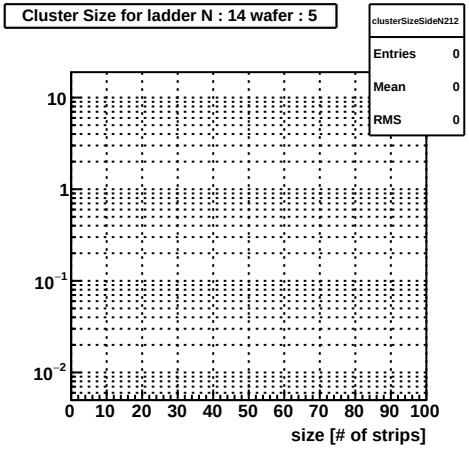

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6133
Mean 1.726
RMS 1.078
size [# of strips]

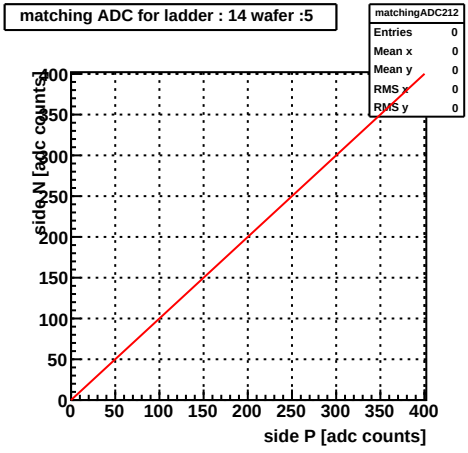

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1561
Mean x 74.71
Mean y 63.73
RMS x 60.53
RMS y 56.21
side N [adc counts]
side P [adc counts]

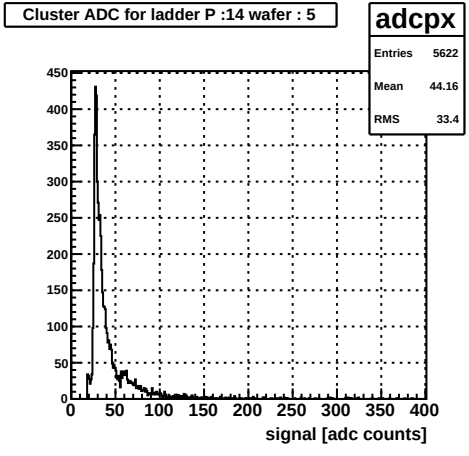

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5897
Mean 44.95
RMS 51.76
signal [adc counts]

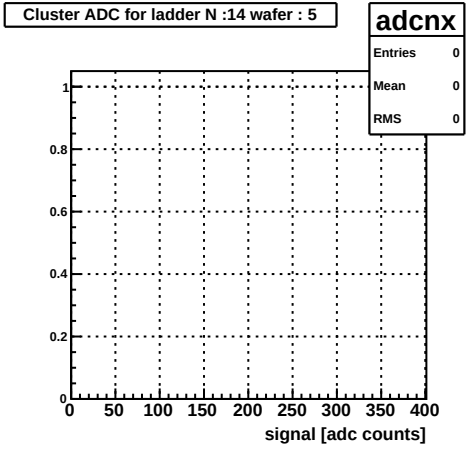

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6133
Mean 39.97
RMS 39.73
signal [adc counts]

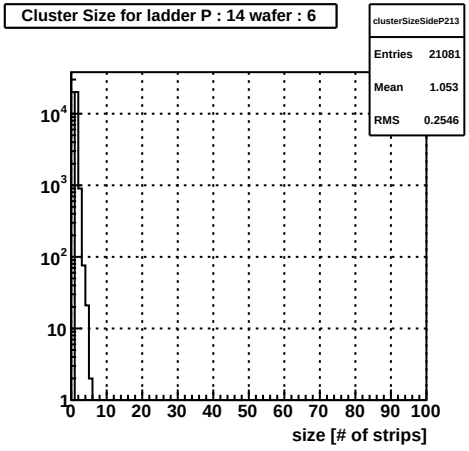

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 5622
Mean 1.142
RMS 0.4121
size [# of strips]

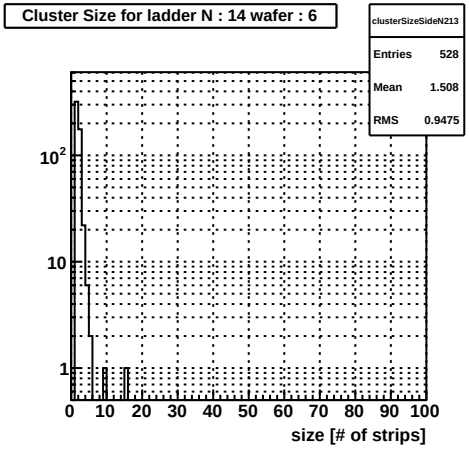

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

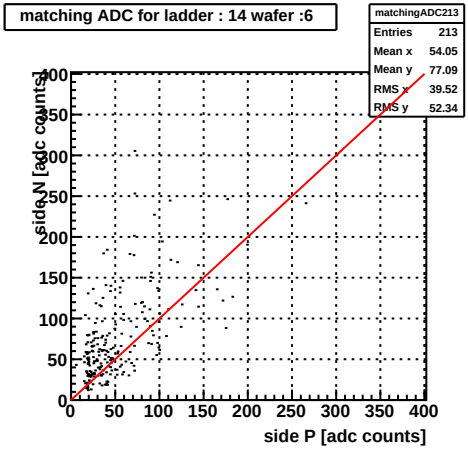

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

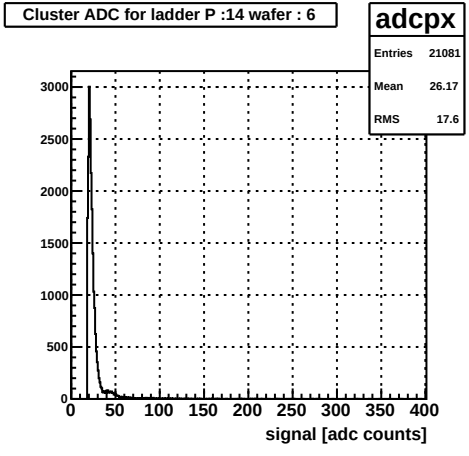

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 5622
Mean 44.16
RMS 33.4
signal [adc counts]

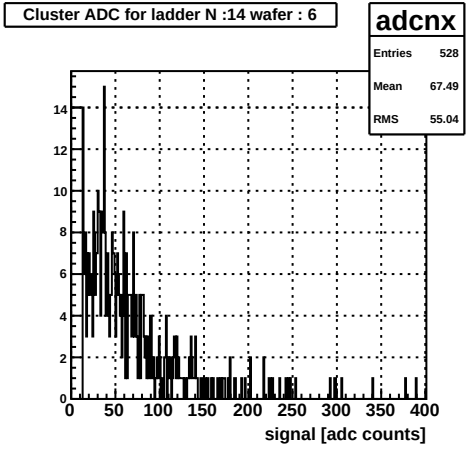

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

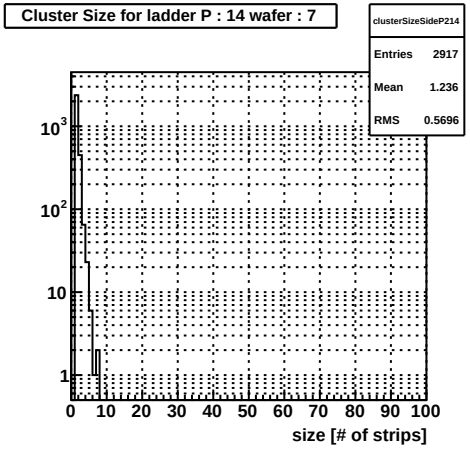

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 21081
Mean 1.053
RMS 0.2546
size [# of strips]

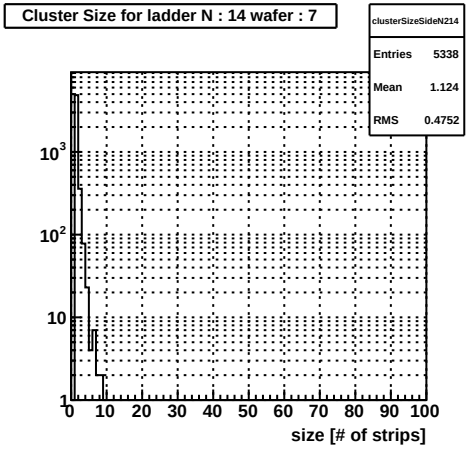

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 528
Mean 1.508
RMS 0.9475
size [# of strips]

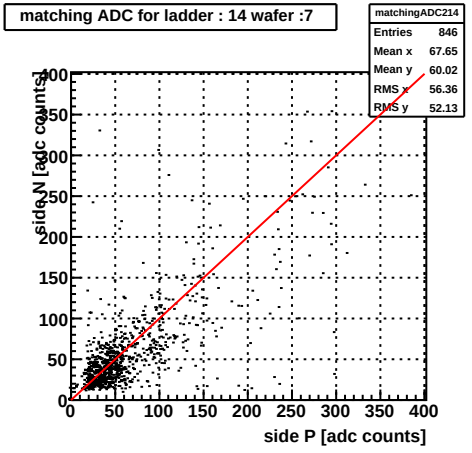

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 213
Mean x 54.05
Mean y 77.09
RMS x 39.52
RMS y 52.34
side N [adc counts]
side P [adc counts]

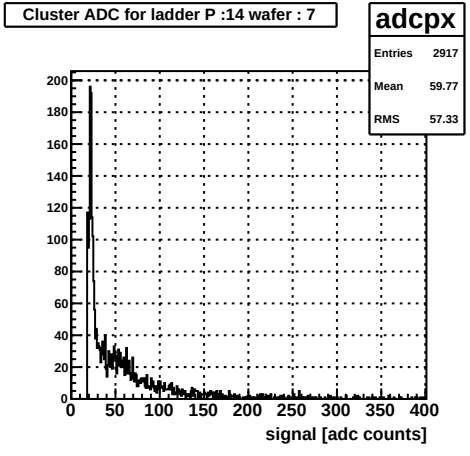

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 21081
Mean 26.17
RMS 17.6
signal [adc counts]

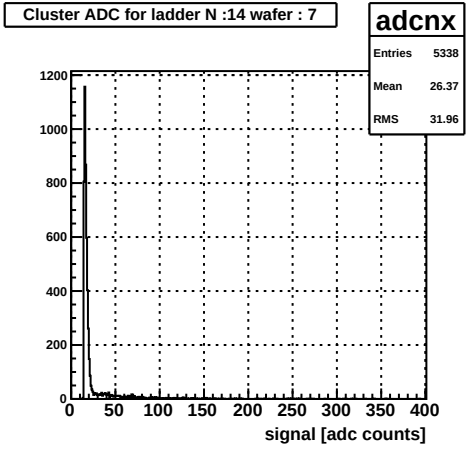

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 528
Mean 67.49
RMS 55.04
signal [adc counts]

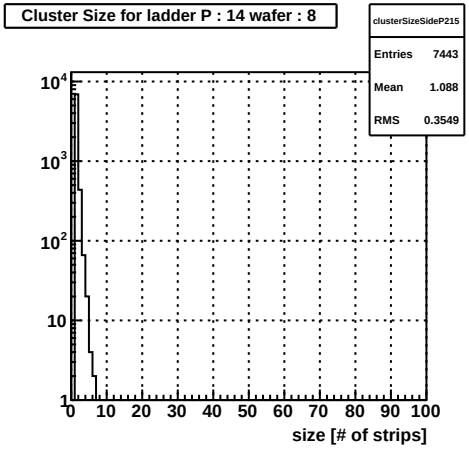

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2917
Mean 1.236
RMS 0.5696
size [# of strips]

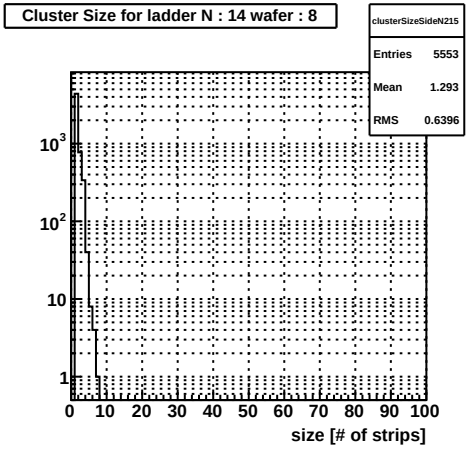

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5338
Mean 1.124
RMS 0.4752
size [# of strips]

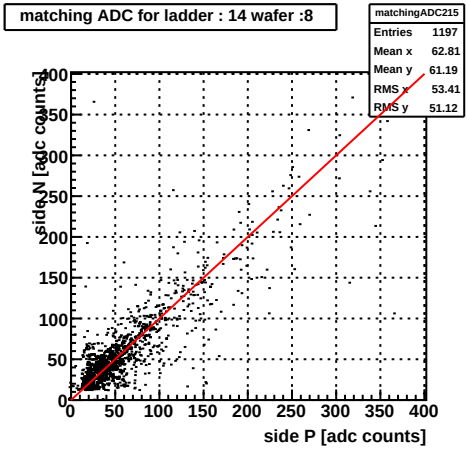

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 846
Mean x 67.65
Mean y 60.02
RMS x 56.36
RMS y 52.13
side N [adc counts]
side P [adc counts]

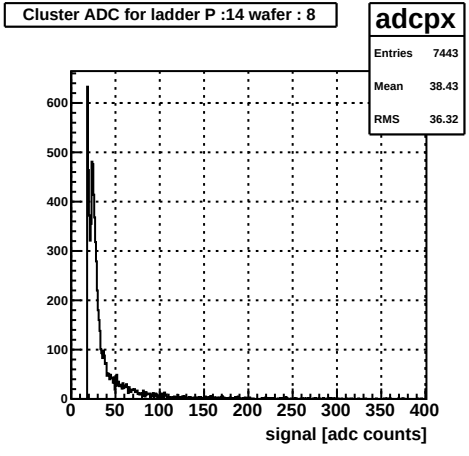

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2917
Mean 59.77
RMS 57.33
signal [adc counts]

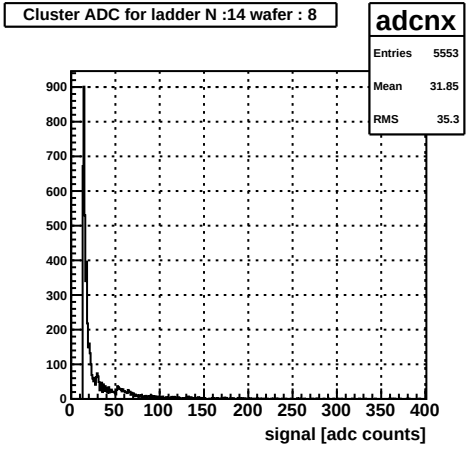

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5338
Mean 26.37
RMS 31.96
signal [adc counts]

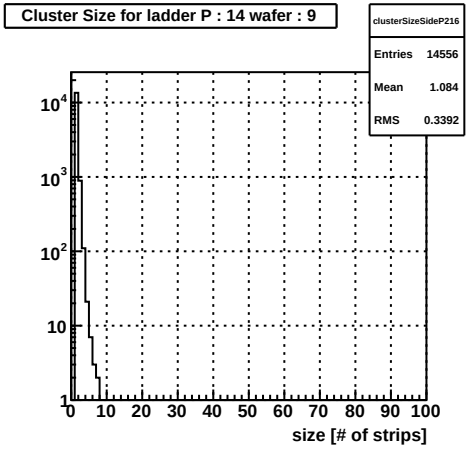

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7443
Mean 1.088
RMS 0.3549
size [# of strips]

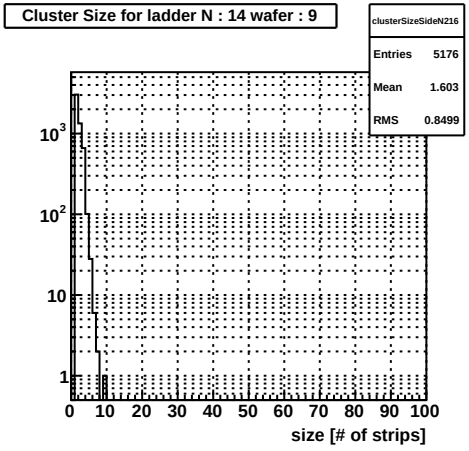

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5553
Mean 1.293
RMS 0.6396
size [# of strips]

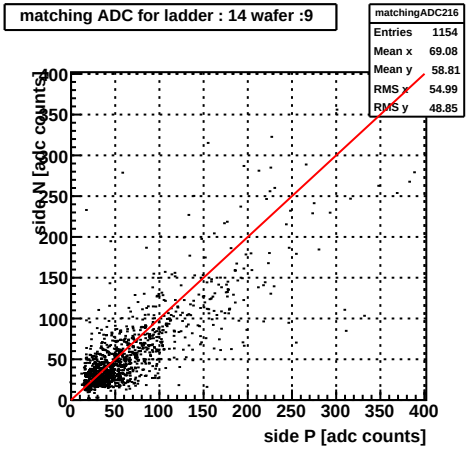

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1197
Mean x 62.81
Mean y 61.19
RMS x 53.41
RMS y 51.12
side N [adc counts]
side P [adc counts]

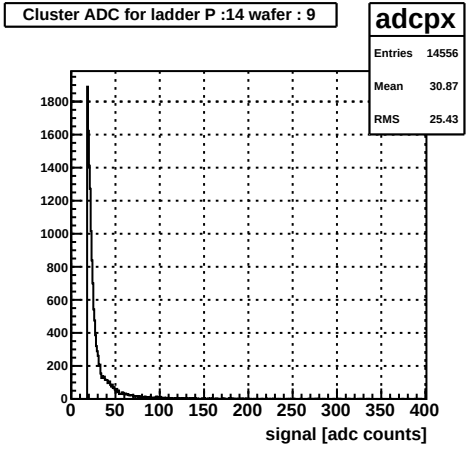

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7443
Mean 38.43
RMS 36.32
signal [adc counts]

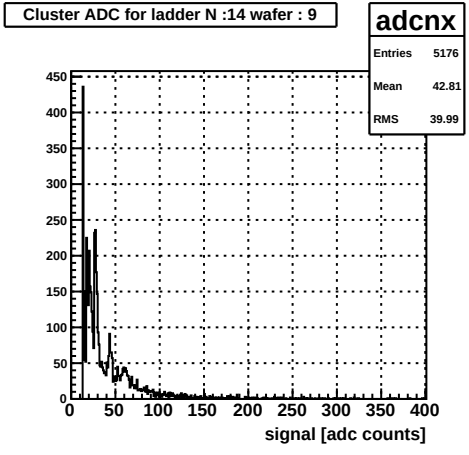

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5553
Mean 31.85
RMS 35.3
signal [adc counts]

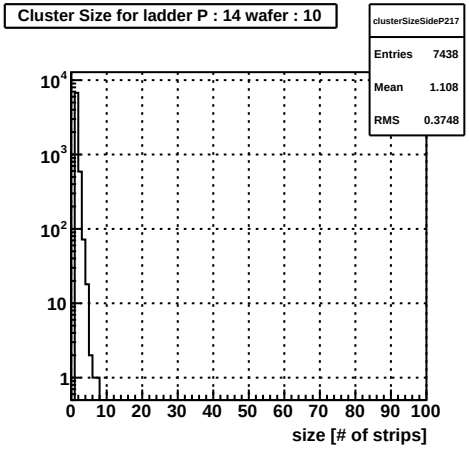

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14556
Mean 1.084
RMS 0.3392
size [# of strips]

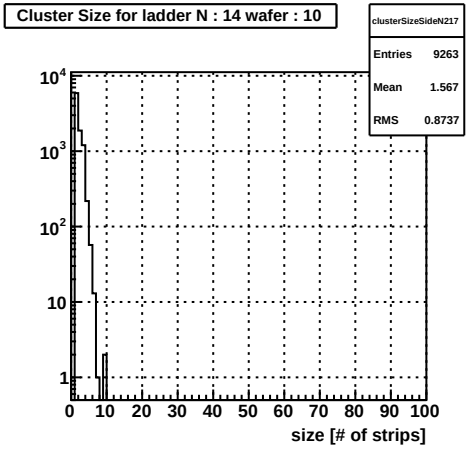

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5176
Mean 1.603
RMS 0.8499
size [# of strips]

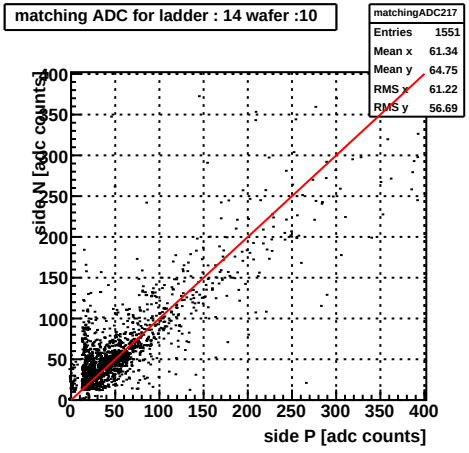

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1154
Mean x 69.08
Mean y 58.81
RMS x 54.99
RMS y 48.85
side N [adc counts]
side P [adc counts]

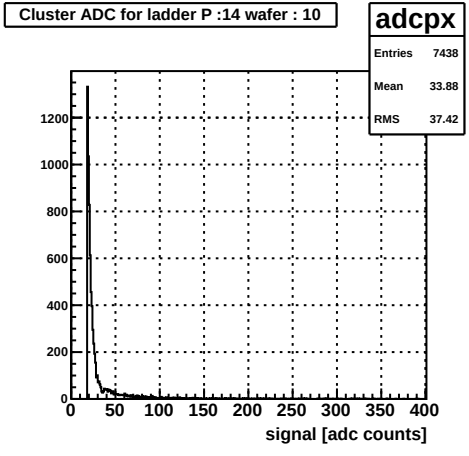

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14556
Mean 30.87
RMS 25.43
signal [adc counts]

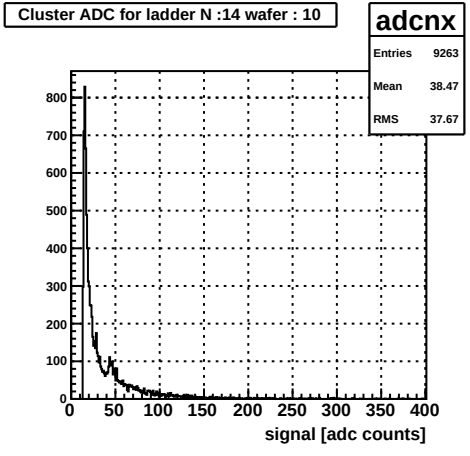

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5176
Mean 42.81
RMS 39.99
signal [adc counts]

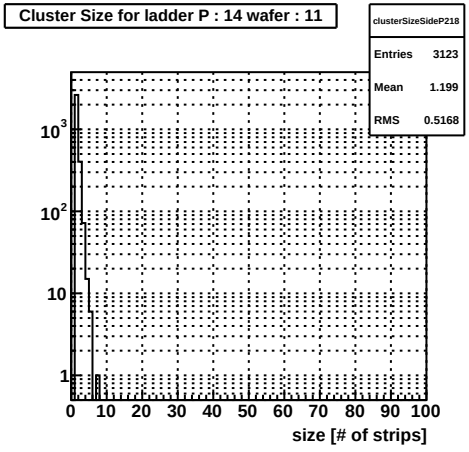

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7438
Mean 1.108
RMS 0.3748
size [# of strips]

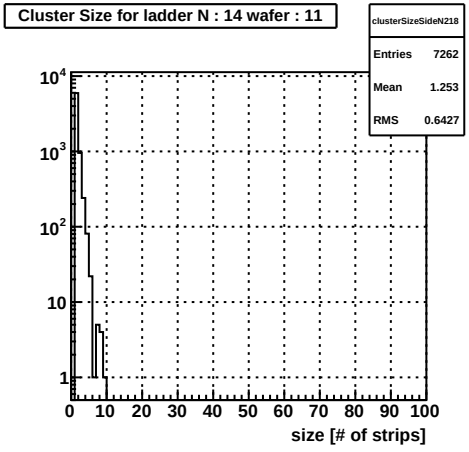

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9263
Mean 1.567
RMS 0.8737
size [# of strips]

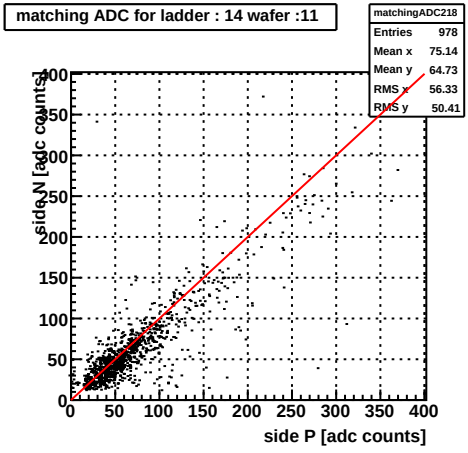

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1551
Mean x 61.34
Mean y 64.75
RMS x 61.22
RMS y 56.69
side N [adc counts]
side P [adc counts]

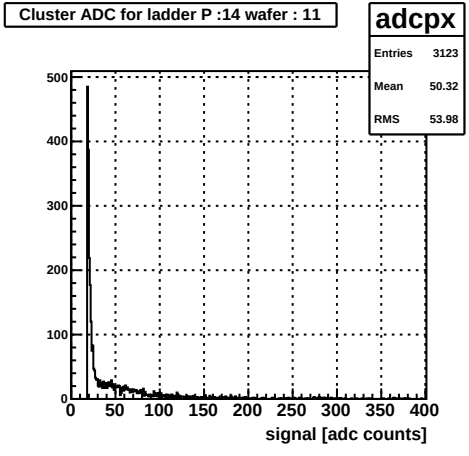

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7438
Mean 33.88
RMS 37.42
signal [adc counts]

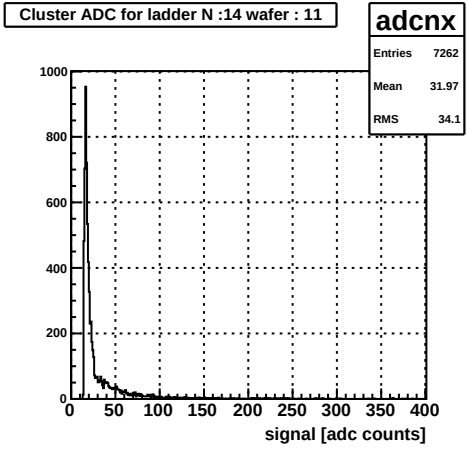

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9263
Mean 38.47
RMS 37.67
signal [adc counts]

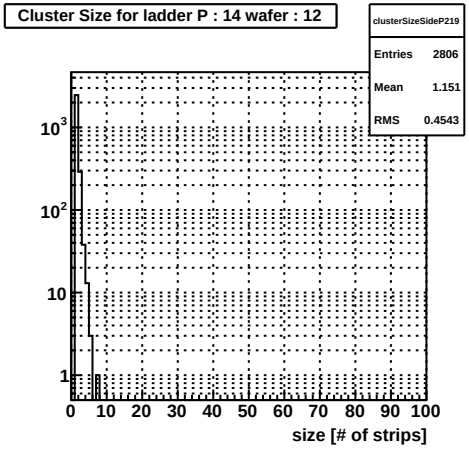

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3123
Mean 1.199
RMS 0.5168
size [# of strips]

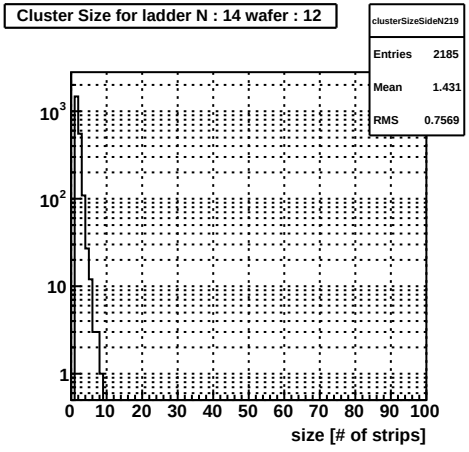

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7262
Mean 1.253
RMS 0.6427
size [# of strips]

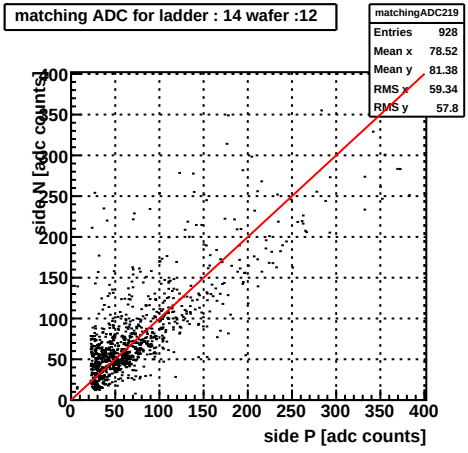

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 978
Mean x 75.14
Mean y 64.73
RMS x 56.33
RMS y 50.41
side N [adc counts]
side P [adc counts]

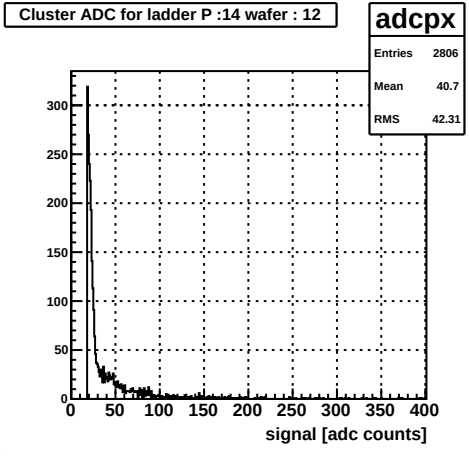

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3123
Mean 50.32
RMS 53.98
signal [adc counts]

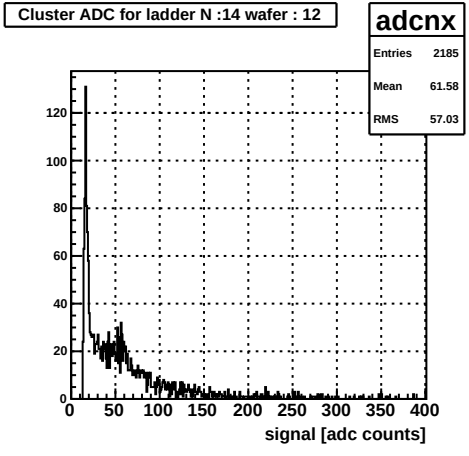

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7262
Mean 31.97
RMS 34.1
signal [adc counts]

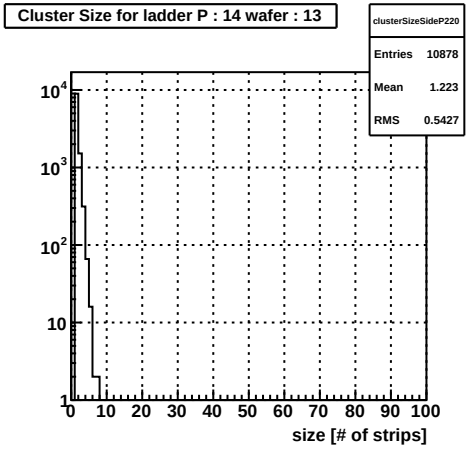

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2806
Mean 1.151
RMS 0.4543
size [# of strips]

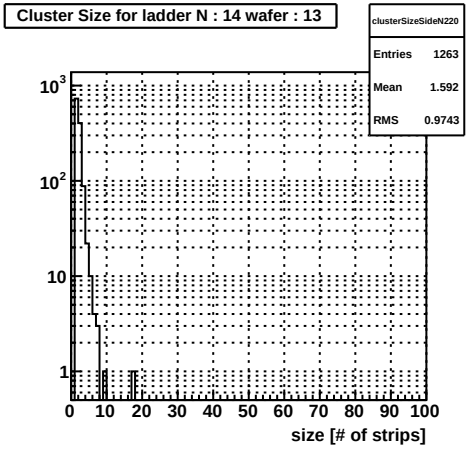

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2185
Mean 1.431
RMS 0.7569
size [# of strips]

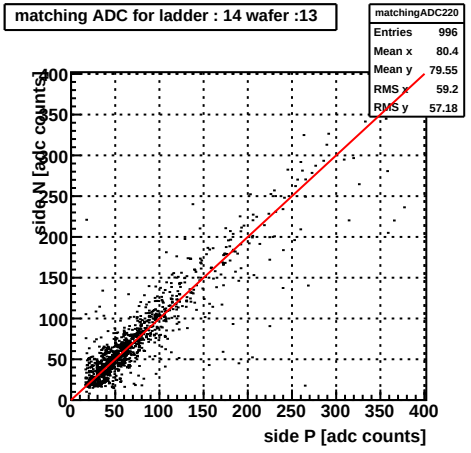

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 928
Mean x 78.52
Mean y 81.38
RMS x 59.34
RMS y 57.8
side N [adc counts]
side P [adc counts]

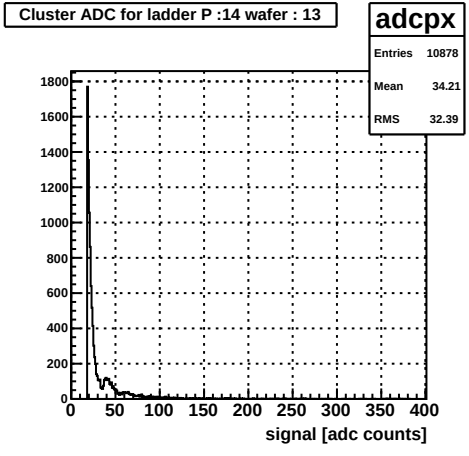

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2806
Mean 40.7
RMS 42.31
signal [adc counts]

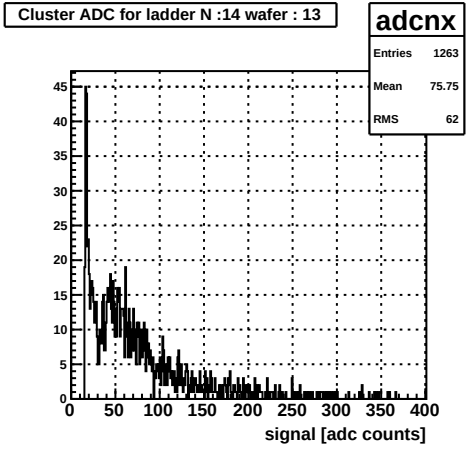

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2185
Mean 61.58
RMS 57.03
signal [adc counts]

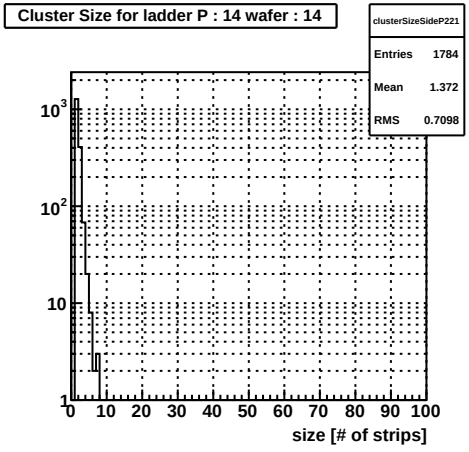

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10878
Mean 1.223
RMS 0.5427
size [# of strips]

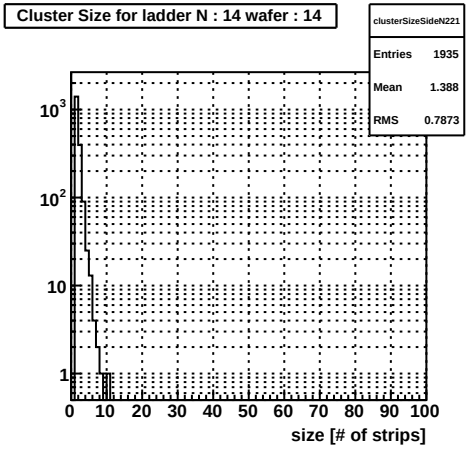

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1263
Mean 1.592
RMS 0.9743
size [# of strips]

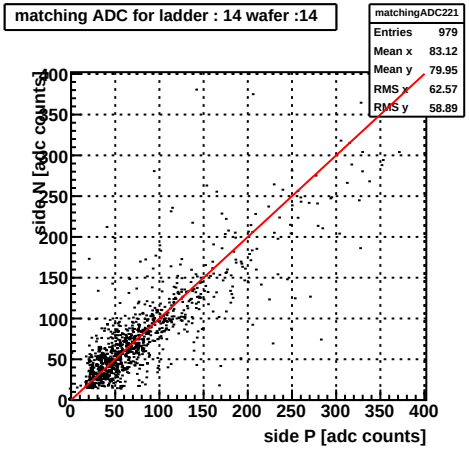

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 996
Mean x 80.4
Mean y 79.55
RMS x 59.2
RMS y 57.18
side N [adc counts]
side P [adc counts]

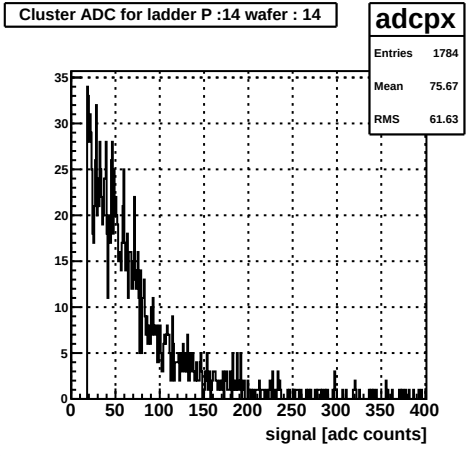

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10878
Mean 34.21
RMS 32.39
signal [adc counts]

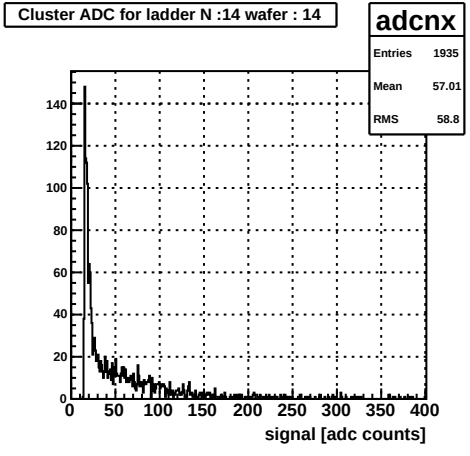

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1263
Mean 75.75
RMS 62
signal [adc counts]

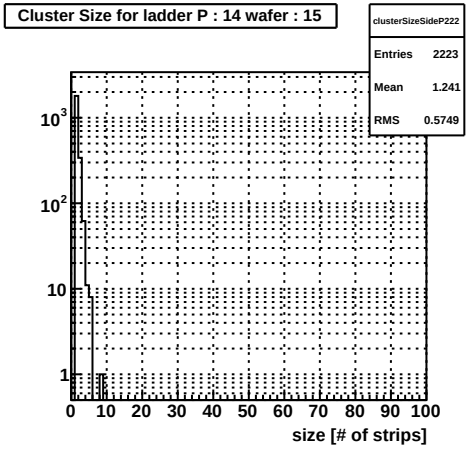

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1784
Mean 1.372
RMS 0.7098
size [# of strips]

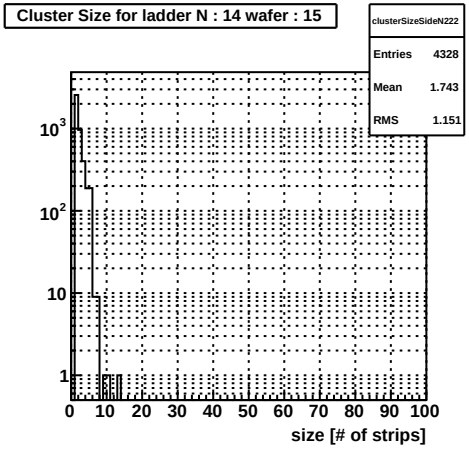

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1935
Mean 1.388
RMS 0.7873
size [# of strips]

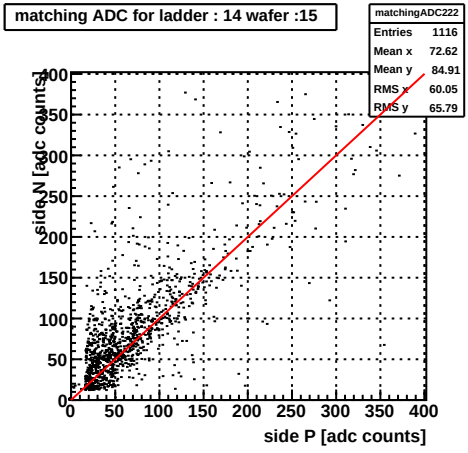

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 979
Mean x 83.12
Mean y 79.95
RMS x 62.57
RMS y 58.89
side N [adc counts]
side P [adc counts]

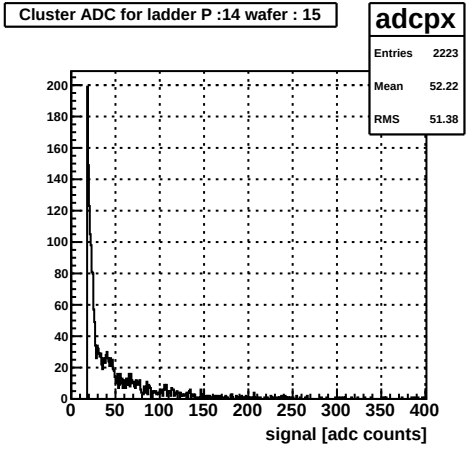

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1784
Mean 75.67
RMS 61.63
signal [adc counts]

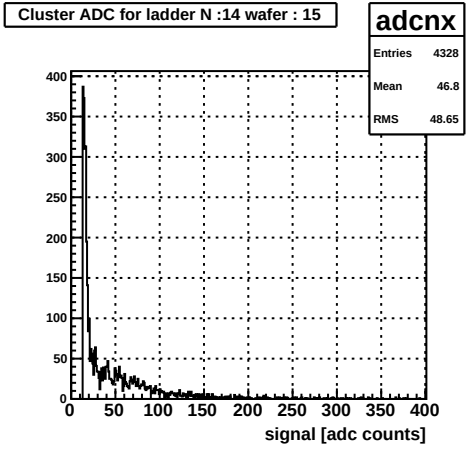

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1935
Mean 57.01
RMS 58.8
signal [adc counts]

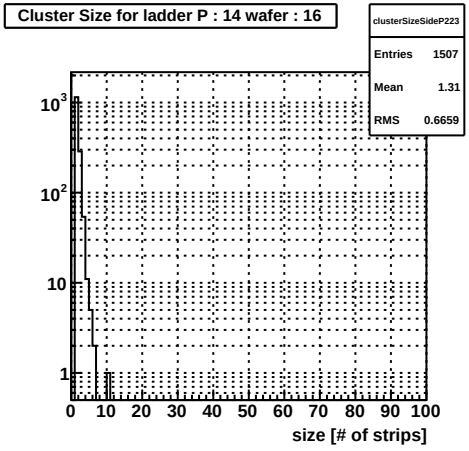

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2223
Mean 1.241
RMS 0.5749
size [# of strips]

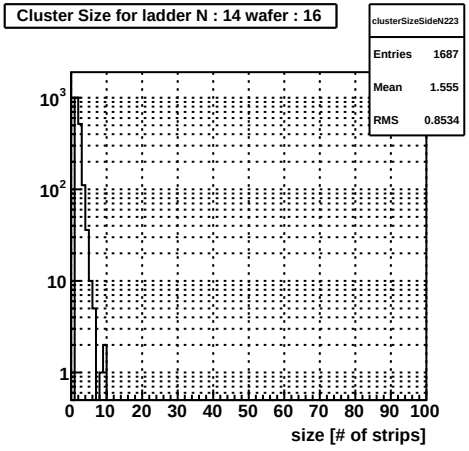

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4328
Mean 1.743
RMS 1.151
size [# of strips]

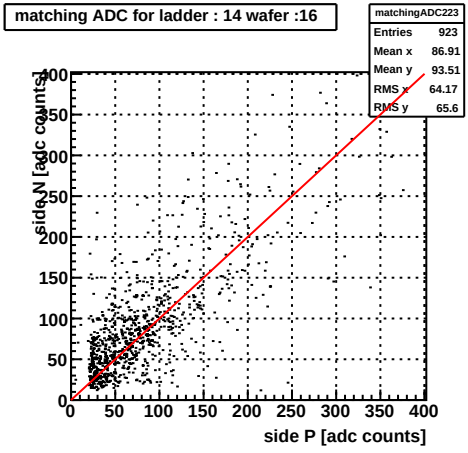

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1116
Mean x 72.62
Mean y 84.91
RMS x 60.05
RMS y 65.79
side N [adc counts]
side P [adc counts]

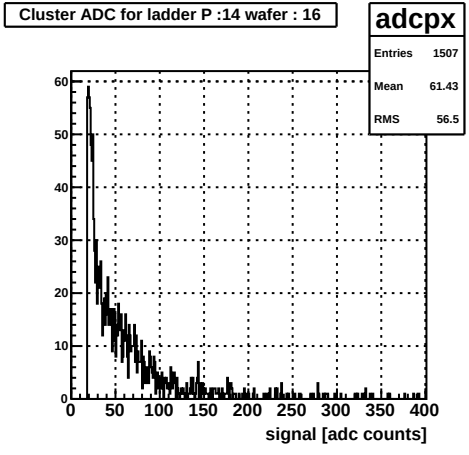

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2223
Mean 52.22
RMS 51.38
signal [adc counts]

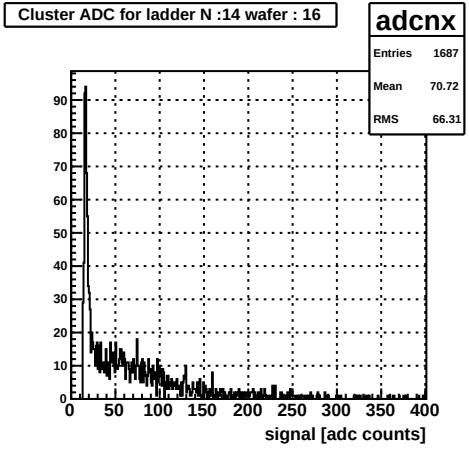

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4328
Mean 46.8
RMS 48.65
signal [adc counts]

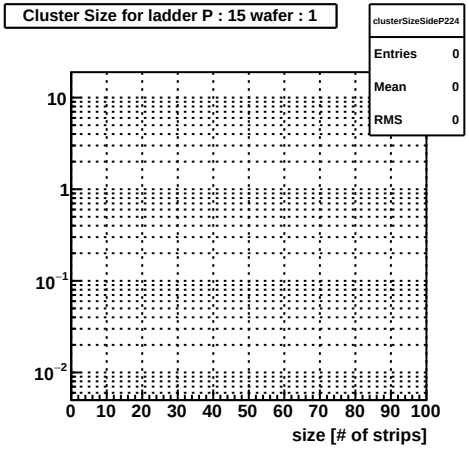

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1507
Mean 1.31
RMS 0.6659
size [# of strips]

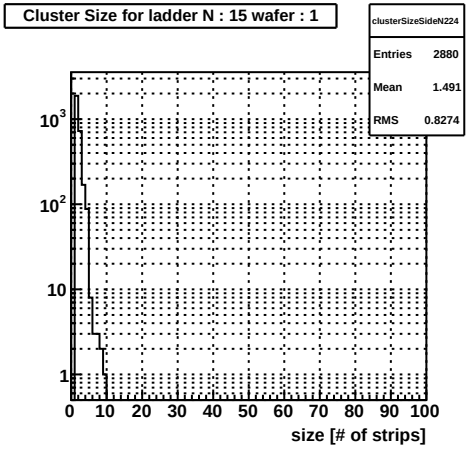

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1687
Mean 1.555
RMS 0.8534
size [# of strips]

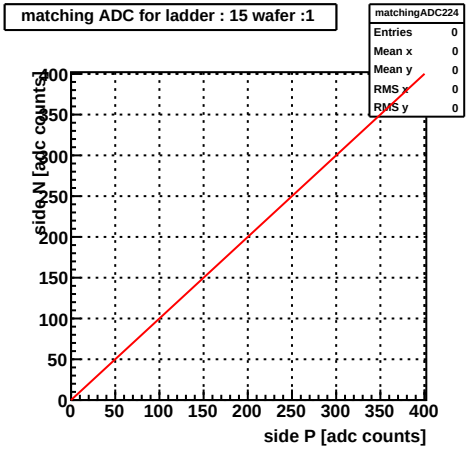

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 923
Mean x 86.91
Mean y 93.51
RMS x 64.17
RMS y 65.6
side N [adc counts]
side P [adc counts]

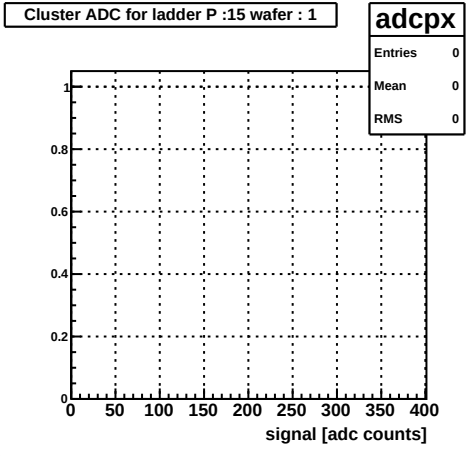

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1507
Mean 61.43
RMS 56.5
signal [adc counts]

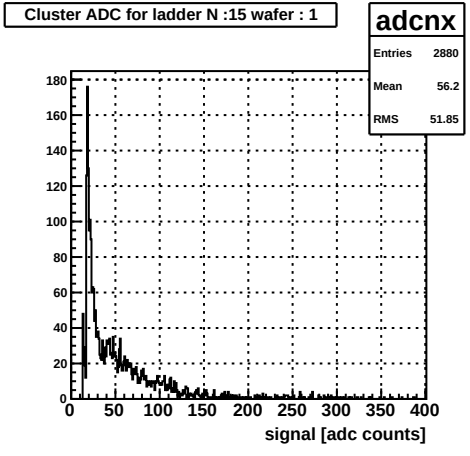

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1687
Mean 70.72
RMS 66.31
signal [adc counts]

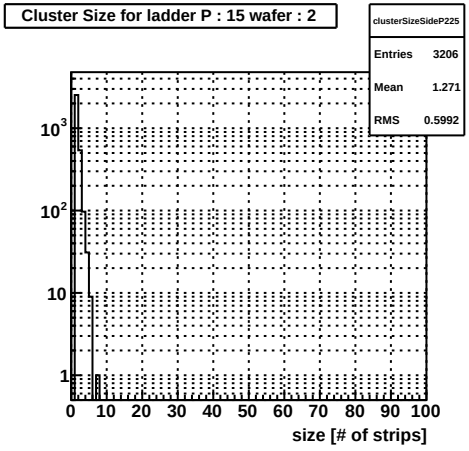

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

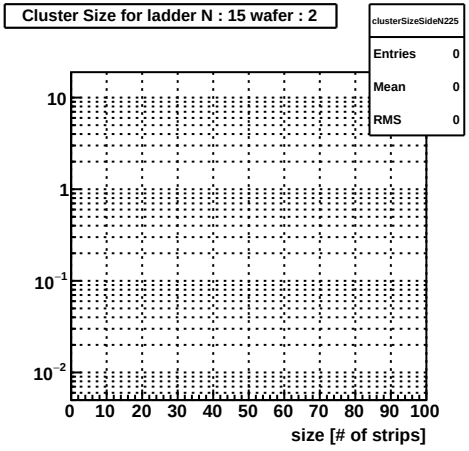

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2880
Mean 1.491
RMS 0.8274
size [# of strips]

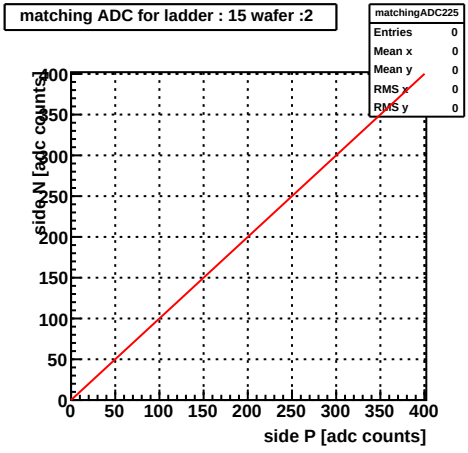

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

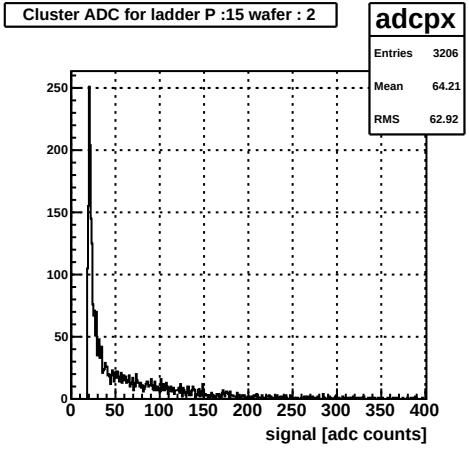

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

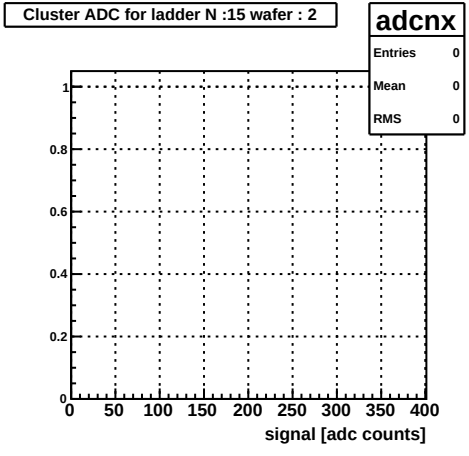

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2880
Mean 56.2
RMS 51.85
signal [adc counts]

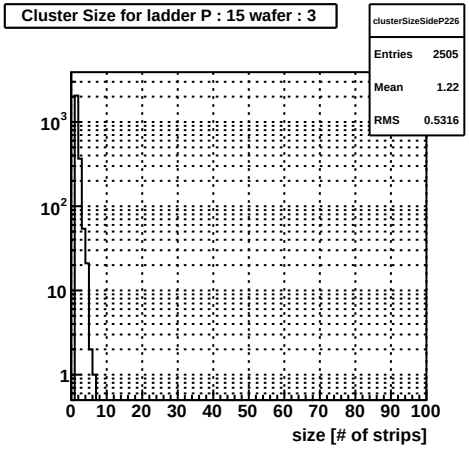

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3206
Mean 1.271
RMS 0.5992
size [# of strips]

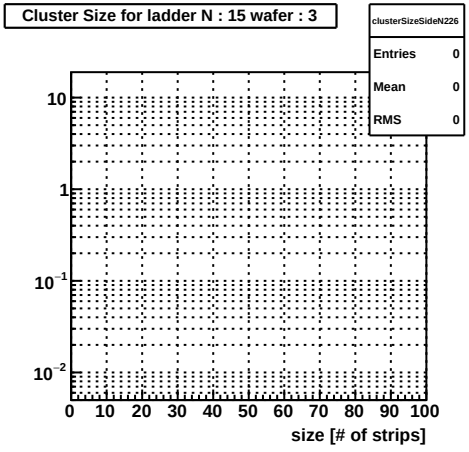

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

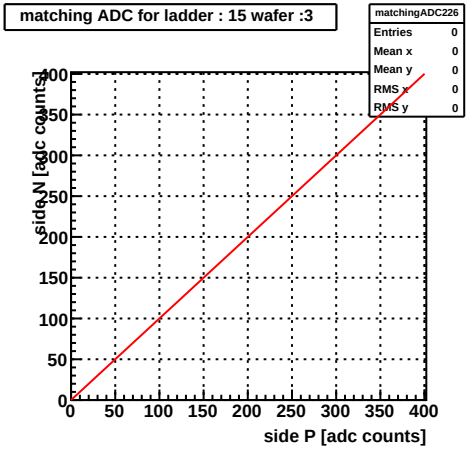

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

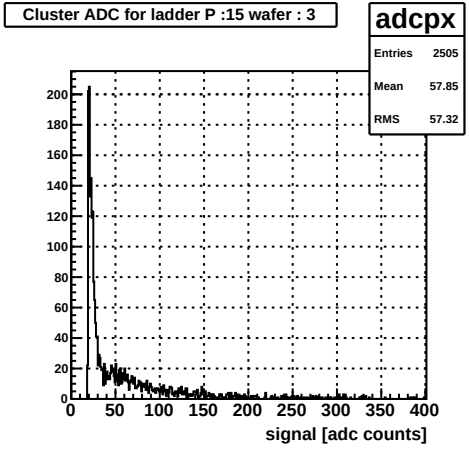

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3206
Mean 64.21
RMS 62.92
signal [adc counts]

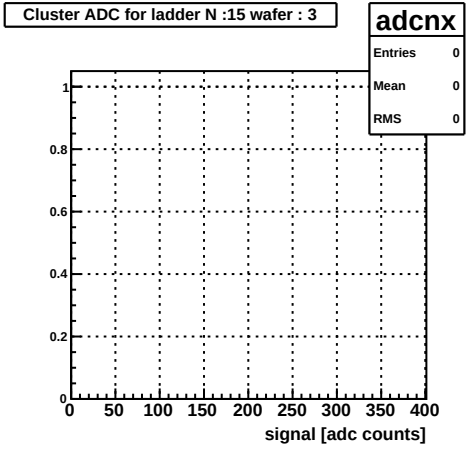

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

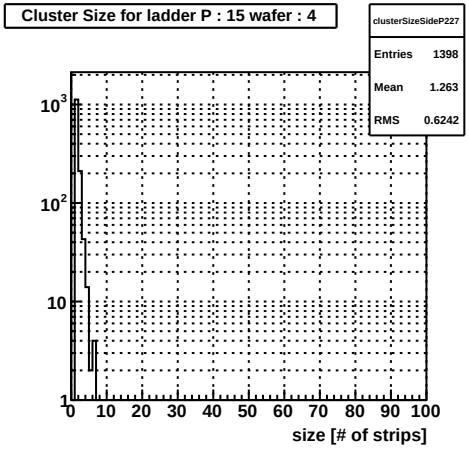

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2505
Mean 1.22
RMS 0.5316
size [# of strips]

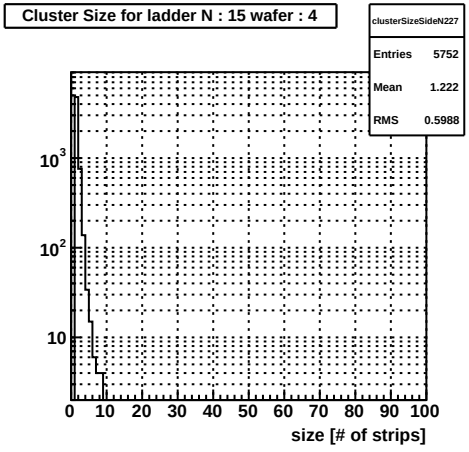

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

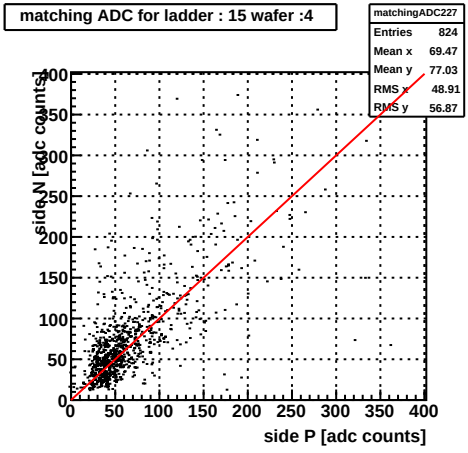

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

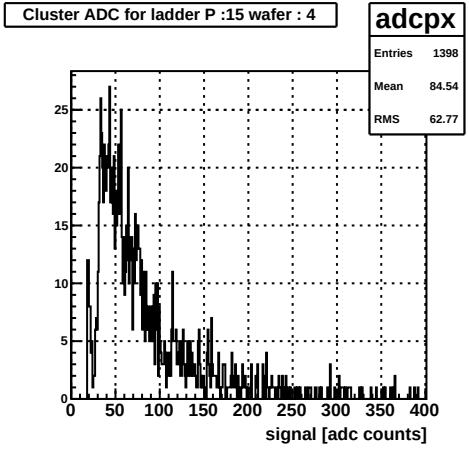

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2505
Mean 57.85
RMS 57.32
signal [adc counts]

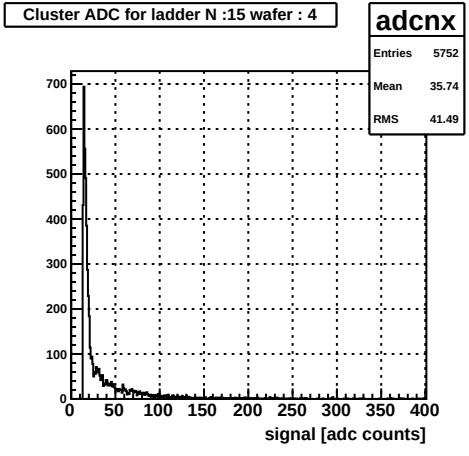

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

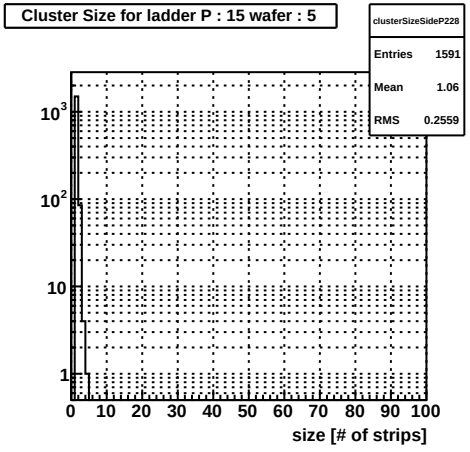

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1398
Mean 1.263
RMS 0.6242
size [# of strips]

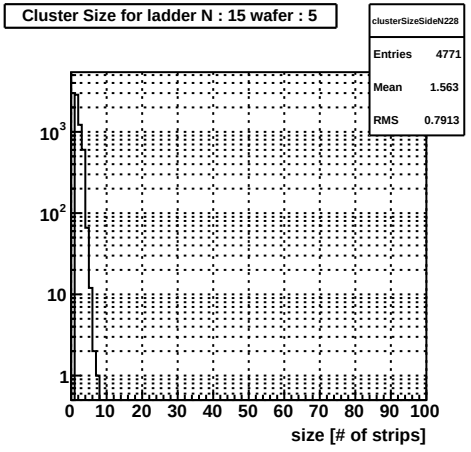

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 5752
Mean 1.222
RMS 0.5988
size [# of strips]

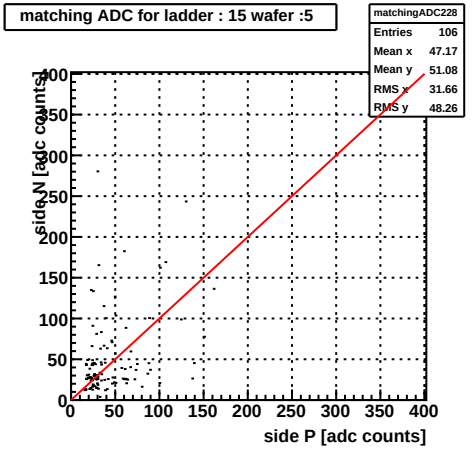

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 824
Mean x 69.47
Mean y 77.03
RMS x 48.91
RMS y 56.87
side N [adc counts]
side P [adc counts]

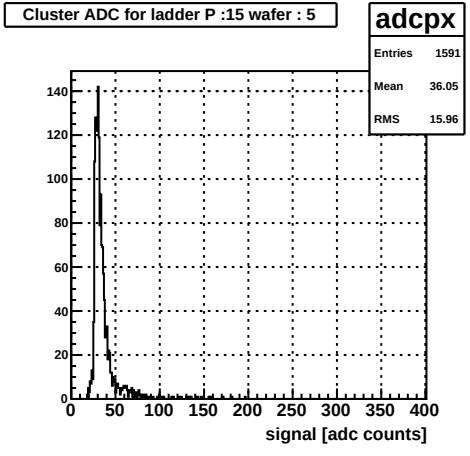

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1398
Mean 84.54
RMS 62.77
signal [adc counts]

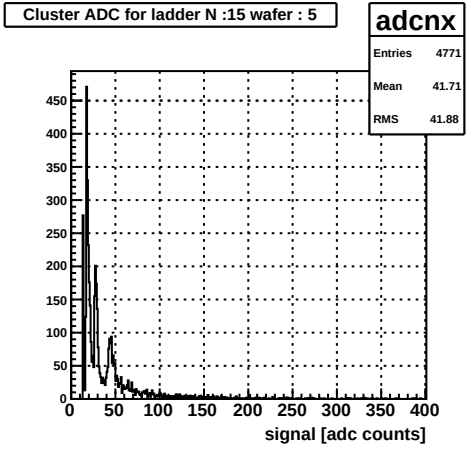

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 5752
Mean 35.74
RMS 41.49
signal [adc counts]

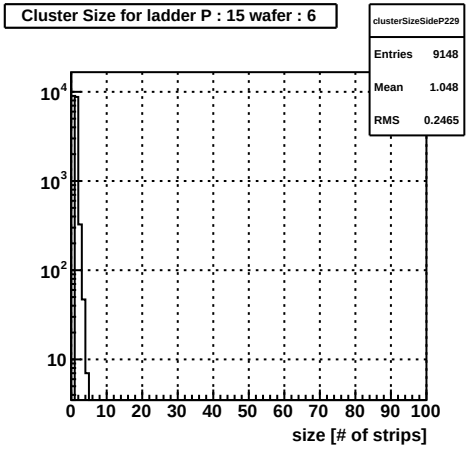

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1591
Mean 1.06
RMS 0.2559
size [# of strips]

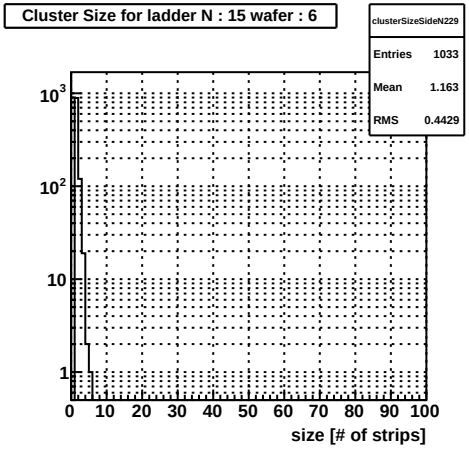

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4771
Mean 1.563
RMS 0.7913
size [# of strips]

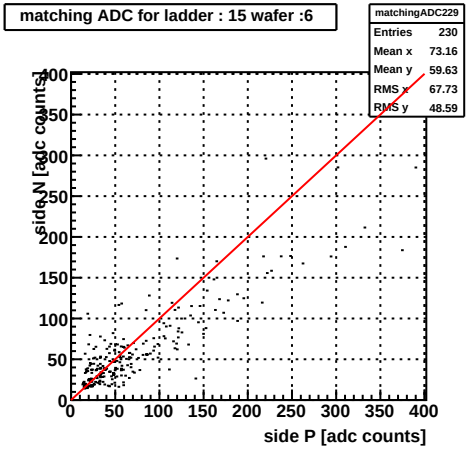

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 106
Mean x 47.17
Mean y 51.08
RMS x 31.66
RMS y 48.26
side N [adc counts]
side P [adc counts]

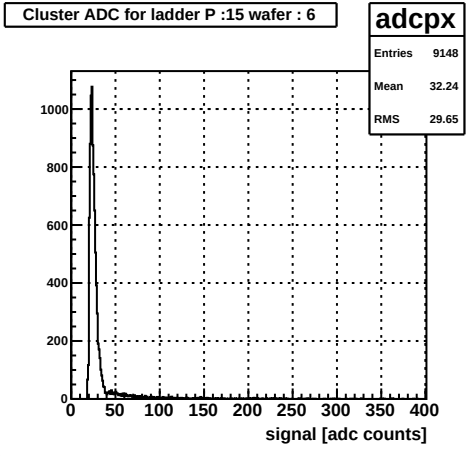

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1591
Mean 36.05
RMS 15.96
signal [adc counts]

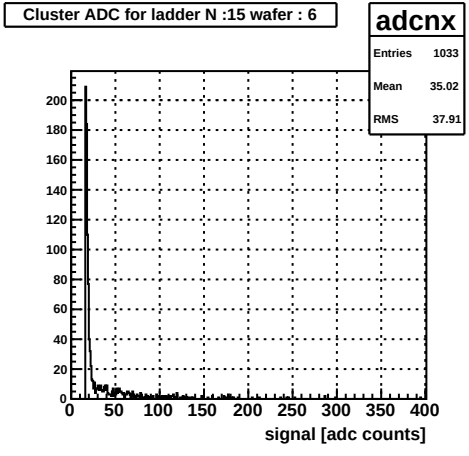

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4771
Mean 41.71
RMS 41.88
signal [adc counts]

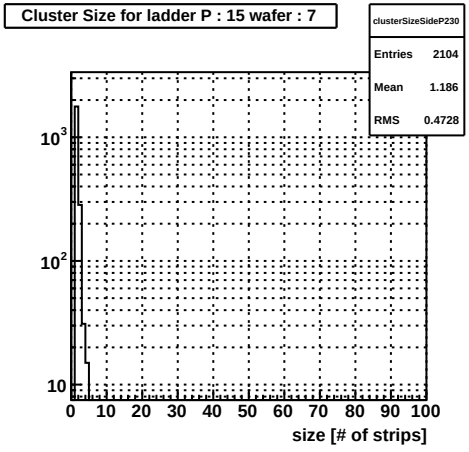

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9148
Mean 1.048
RMS 0.2465
size [# of strips]

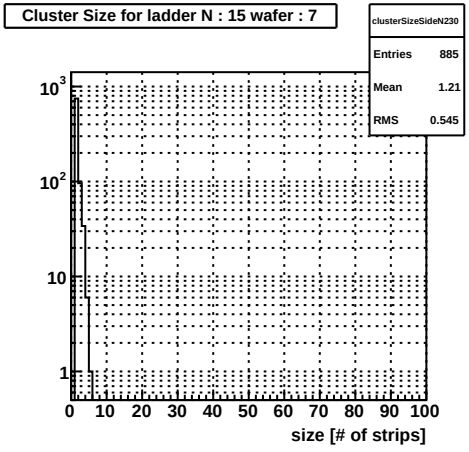

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1033
Mean 1.163
RMS 0.4429
size [# of strips]

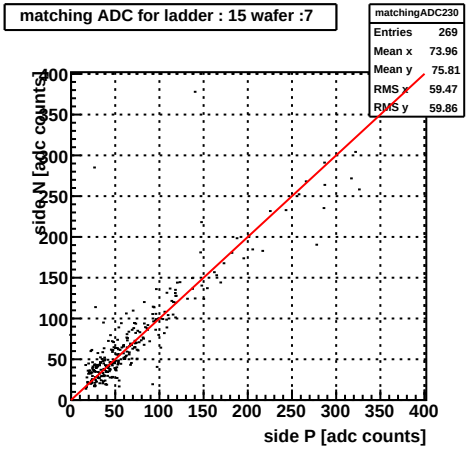

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 230
Mean x 73.16
Mean y 59.63
RMS x 67.73
RMS y 48.59
side N [adc counts]
side P [adc counts]

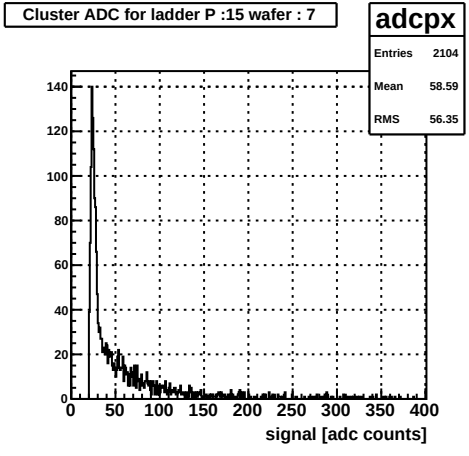

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9148
Mean 32.24
RMS 29.65
signal [adc counts]

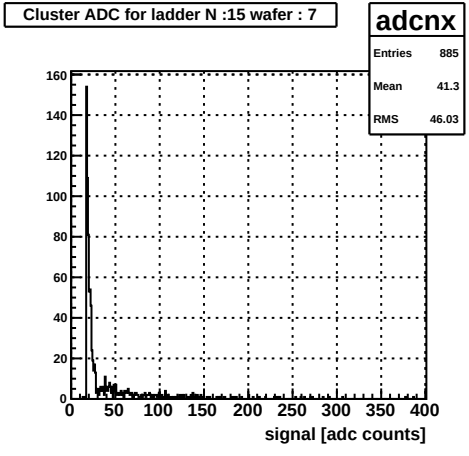

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1033
Mean 35.02
RMS 37.91
signal [adc counts]

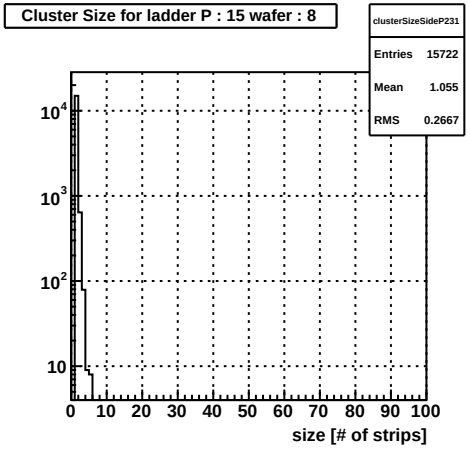

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2104
Mean 1.186
RMS 0.4728
size [# of strips]

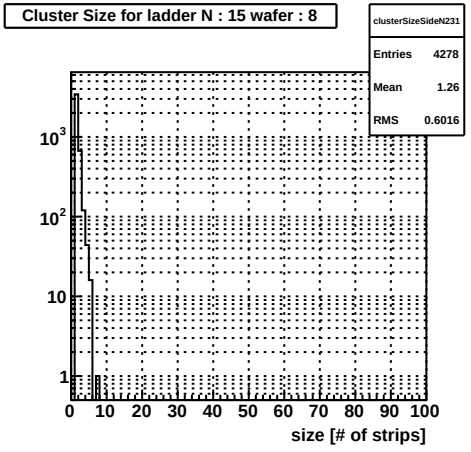

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 885
Mean 1.21
RMS 0.545
size [# of strips]

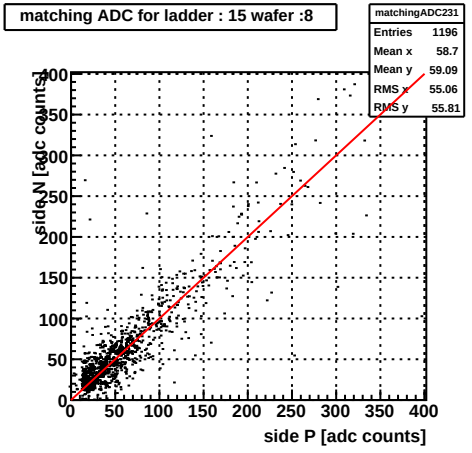

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 269
Mean x 73.96
Mean y 75.81
RMS x 59.47
RMS y 59.86
side N [adc counts]
side P [adc counts]

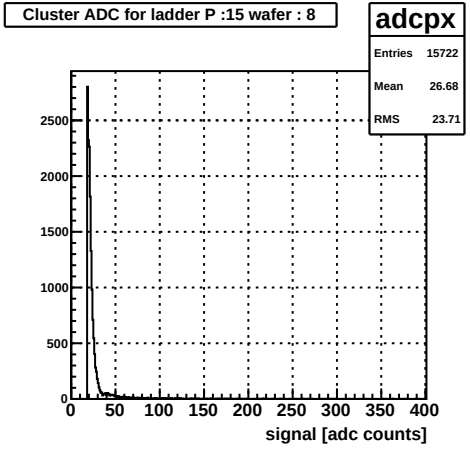

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2104
Mean 58.59
RMS 56.35
signal [adc counts]

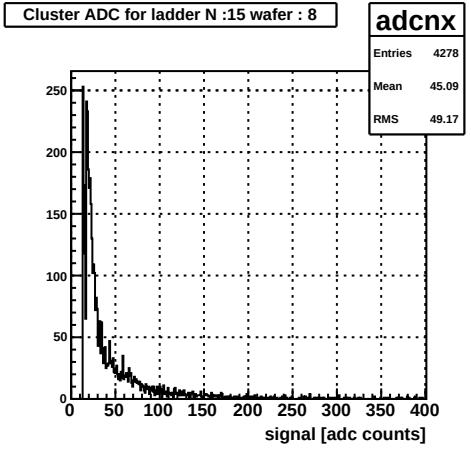

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 885
Mean 41.3
RMS 46.03
signal [adc counts]

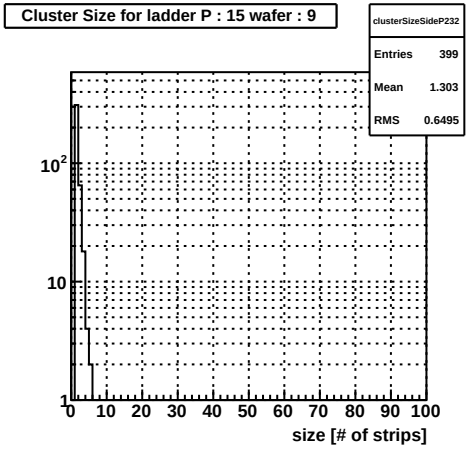

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 15722
Mean 1.055
RMS 0.2667
size [# of strips]

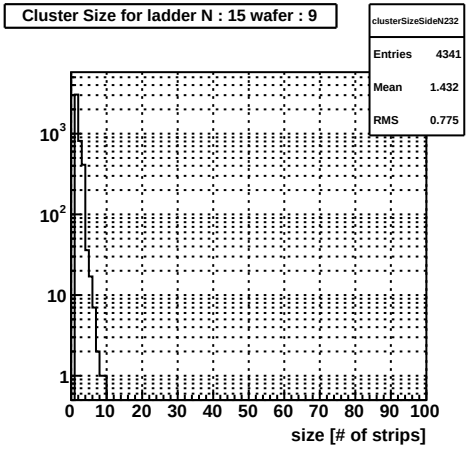

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4278
Mean 1.26
RMS 0.6016
size [# of strips]

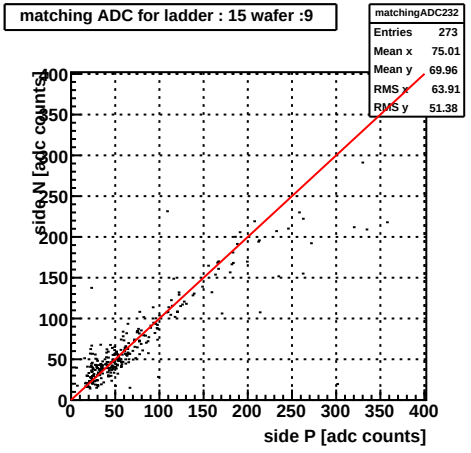

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1196
Mean x 58.7
Mean y 59.09
RMS x 55.06
RMS y 55.81
side N [adc counts]
side P [adc counts]

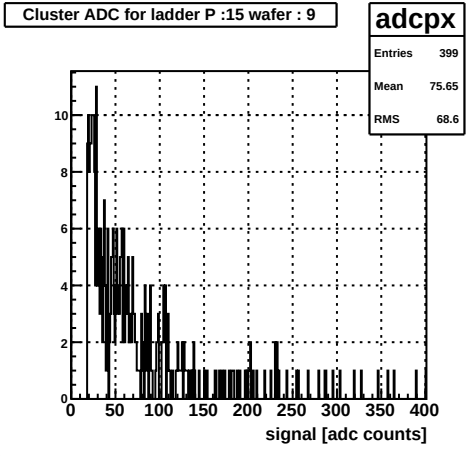

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 15722
Mean 26.68
RMS 23.71
signal [adc counts]

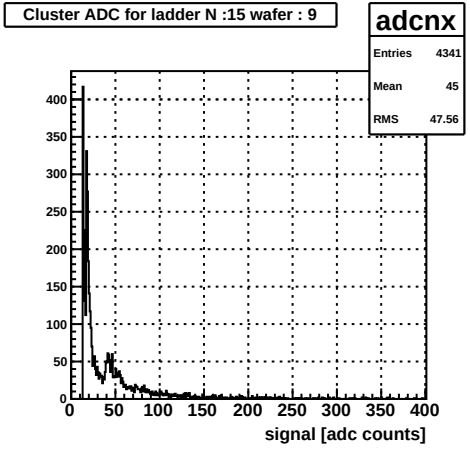

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4278
Mean 45.09
RMS 49.17
signal [adc counts]

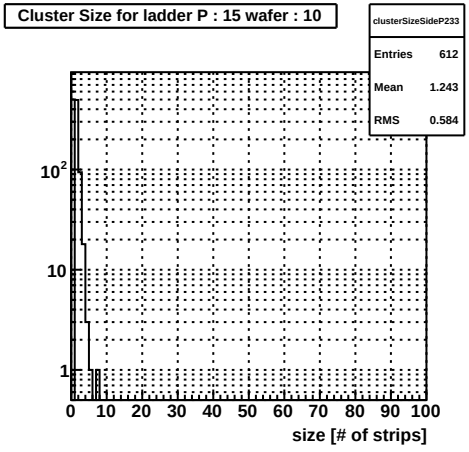

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 399
Mean 1.303
RMS 0.6495
size [# of strips]

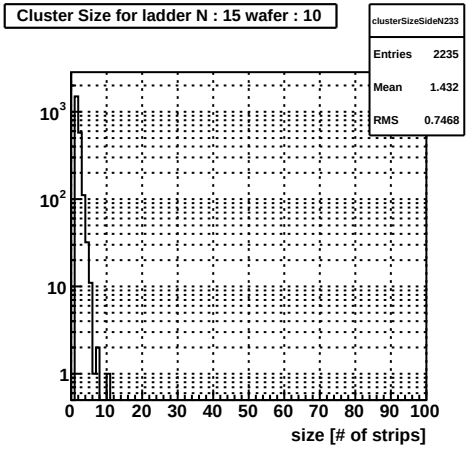

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4341
Mean 1.432
RMS 0.775
size [# of strips]

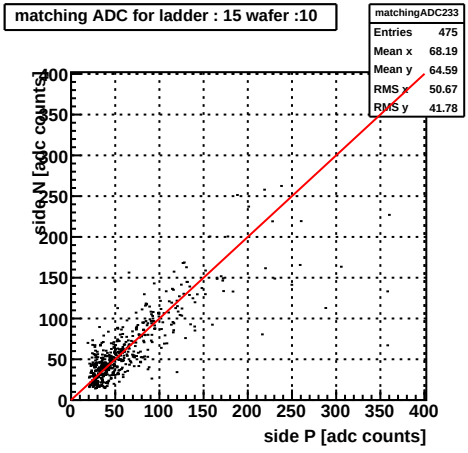

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 273
Mean x 75.01
Mean y 69.96
RMS x 63.91
RMS y 51.38
side N [adc counts]
side P [adc counts]

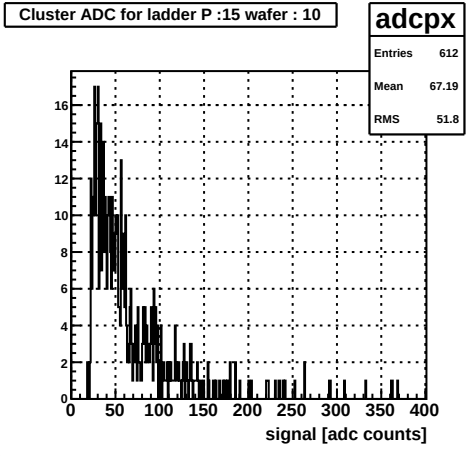

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 399
Mean 75.65
RMS 68.6
signal [adc counts]

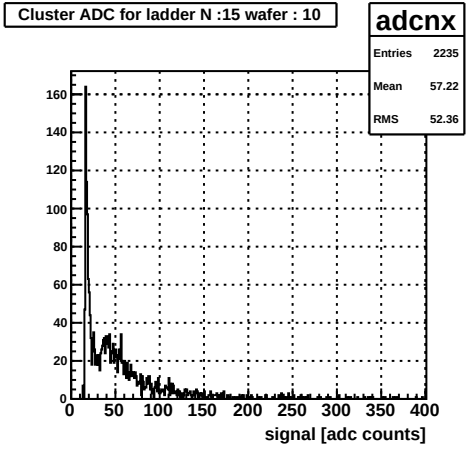

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4341
Mean 45
RMS 47.56
signal [adc counts]

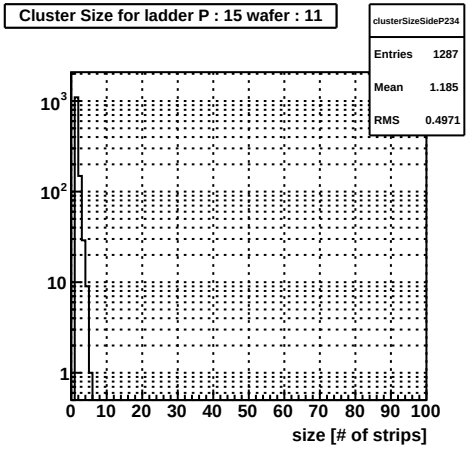

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 612
Mean 1.243
RMS 0.584
size [# of strips]

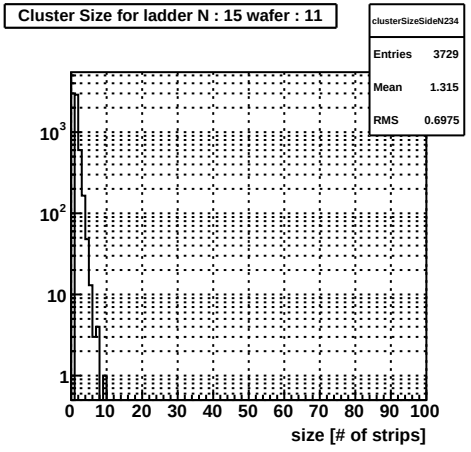

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2235
Mean 1.432
RMS 0.7468
size [# of strips]

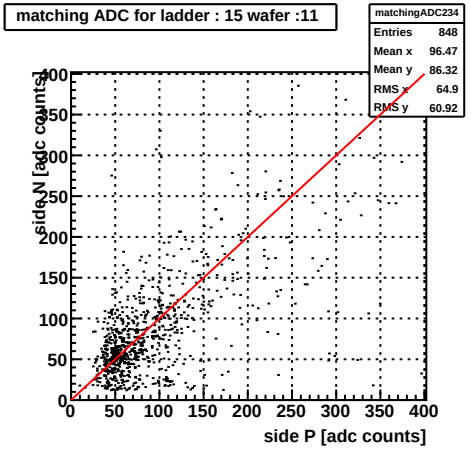

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 475
Mean x 68.19
Mean y 64.59
RMS x 50.67
RMS y 41.78
side N [adc counts]
side P [adc counts]

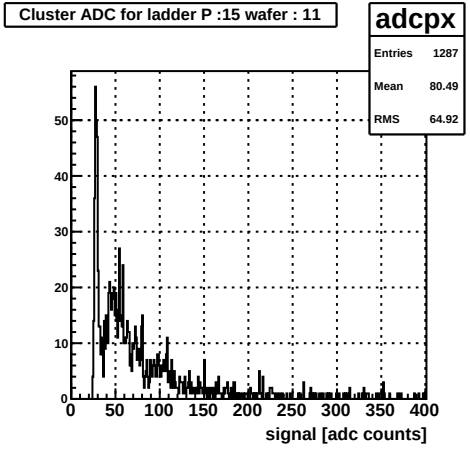

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 612
Mean 67.19
RMS 51.8
signal [adc counts]

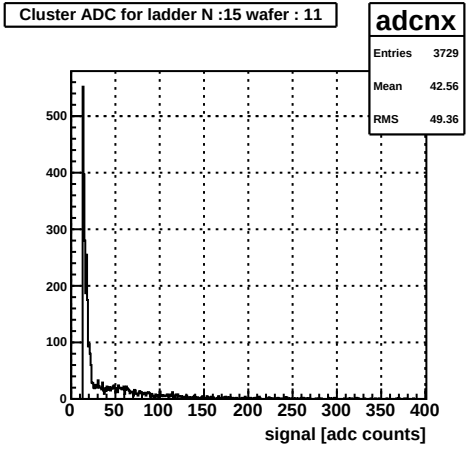

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2235
Mean 57.22
RMS 52.36
signal [adc counts]

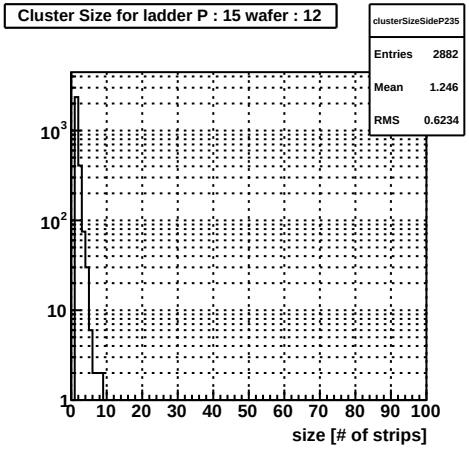

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 1287
Mean 1.185
RMS 0.4971
size [# of strips]

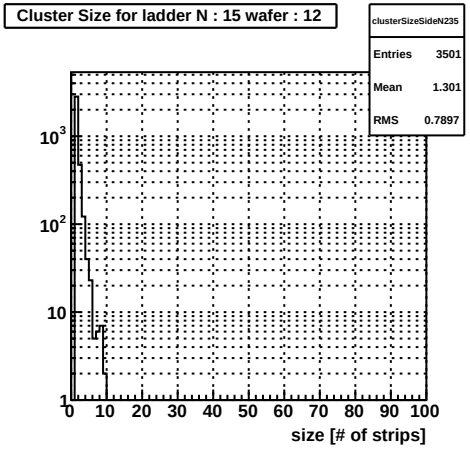

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3729
Mean 1.315
RMS 0.6975
size [# of strips]

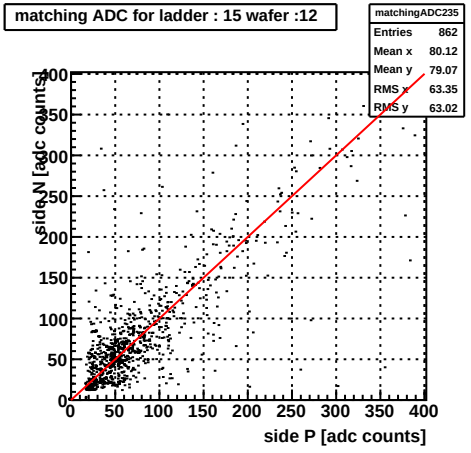

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 848
Mean x 96.47
Mean y 86.32
RMS x 64.9
RMS y 60.92
side N [adc counts]
side P [adc counts]

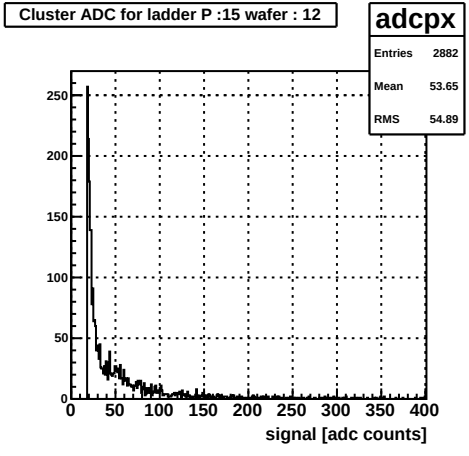

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 1287
Mean 80.49
RMS 64.92
signal [adc counts]

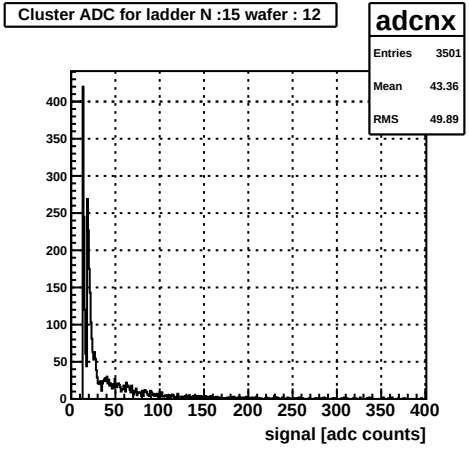

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3729
Mean 42.56
RMS 49.36
signal [adc counts]

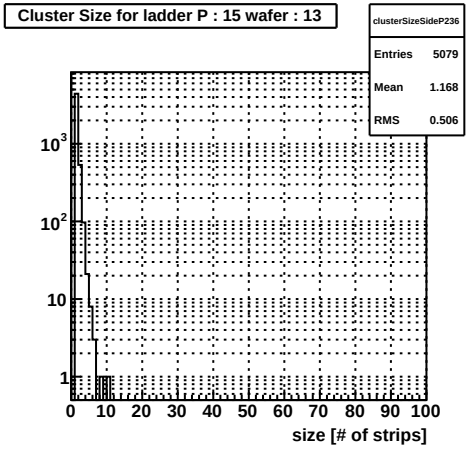

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2882
Mean 1.246
RMS 0.6234
size [# of strips]

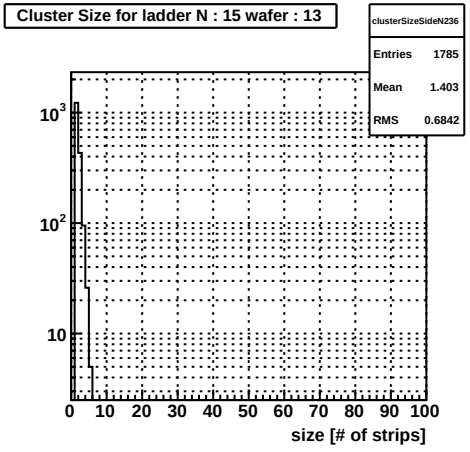

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3501
Mean 1.301
RMS 0.7897
size [# of strips]

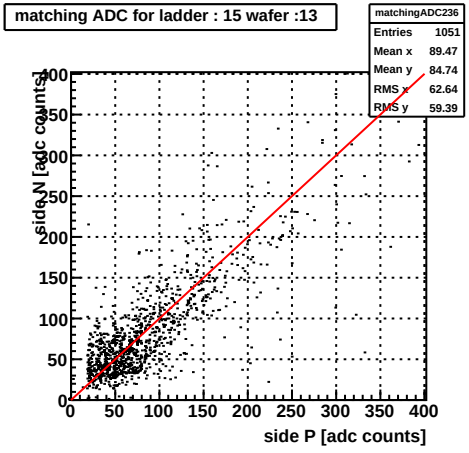

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 862
Mean x 80.12
Mean y 79.07
RMS x 63.35
RMS y 63.02
side N [adc counts]
side P [adc counts]

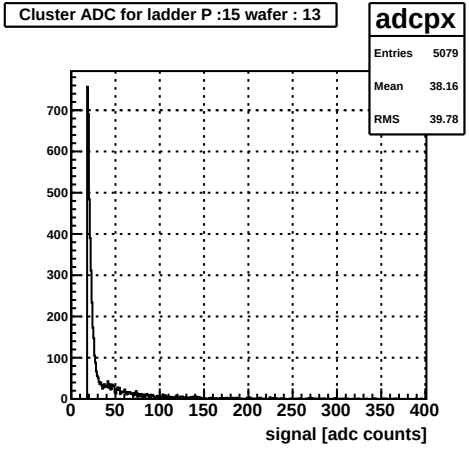

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2882
Mean 53.65
RMS 54.89
signal [adc counts]

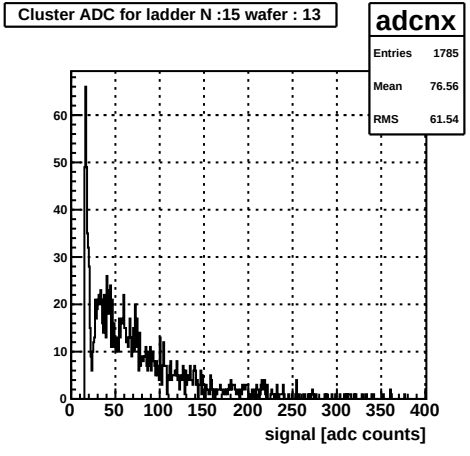

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3501
Mean 43.36
RMS 49.89
signal [adc counts]

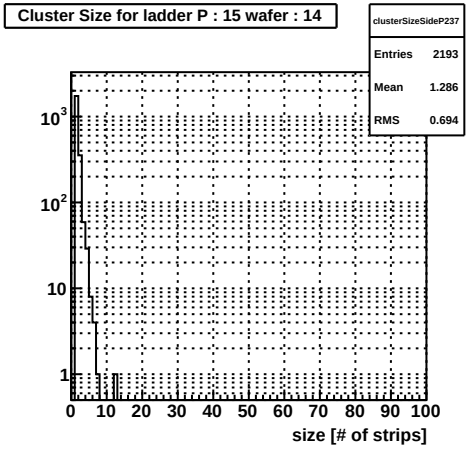

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5079
Mean 1.168
RMS 0.506
size [# of strips]

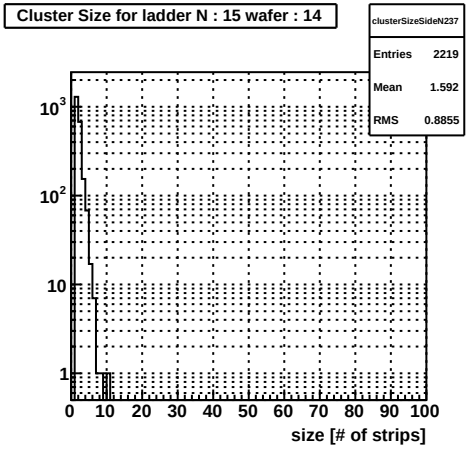

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1785
Mean 1.403
RMS 0.6842
size [# of strips]

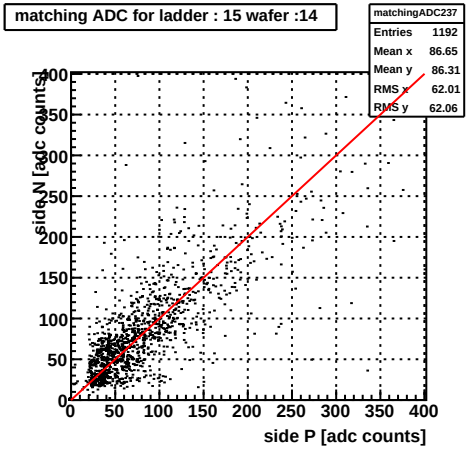

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1051
Mean x 89.47
Mean y 84.74
RMS x 62.64
RMS y 59.39
side N [adc counts]
side P [adc counts]

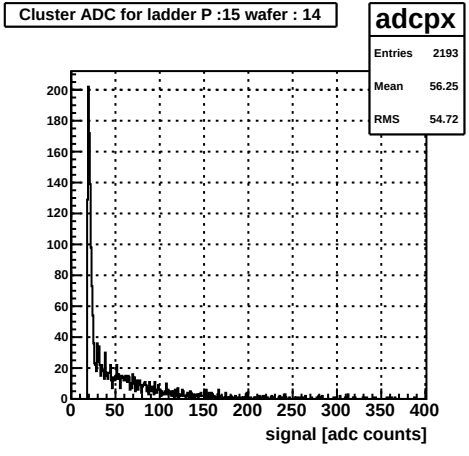

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5079
Mean 38.16
RMS 39.78
signal [adc counts]

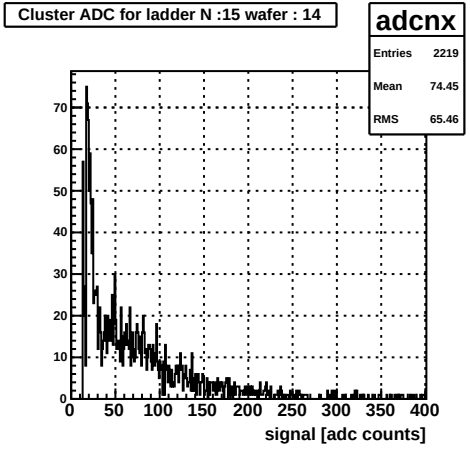

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1785
Mean 76.56
RMS 61.54
signal [adc counts]

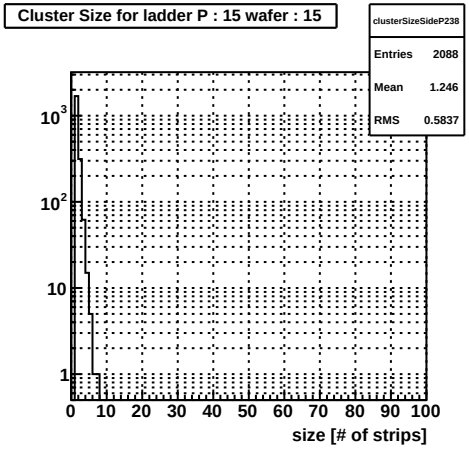

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2193
Mean 1.286
RMS 0.694
size [# of strips]

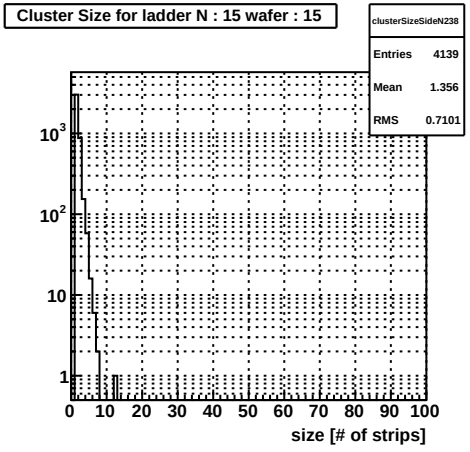

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2219
Mean 1.592
RMS 0.8855
size [# of strips]

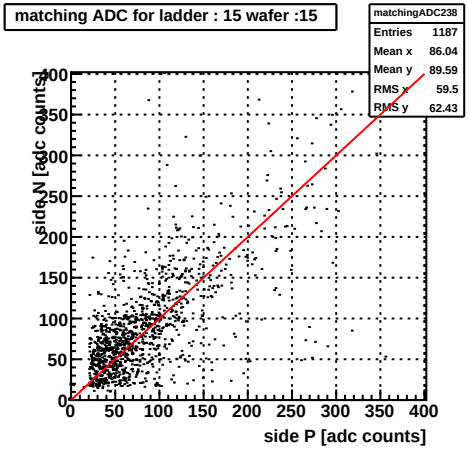

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1192
Mean x 86.65
Mean y 86.31
RMS x 62.01
RMS y 62.06
side N [adc counts]
side P [adc counts]

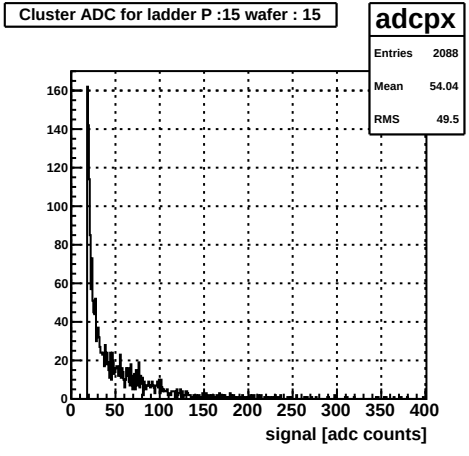

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2193
Mean 56.25
RMS 54.72
signal [adc counts]

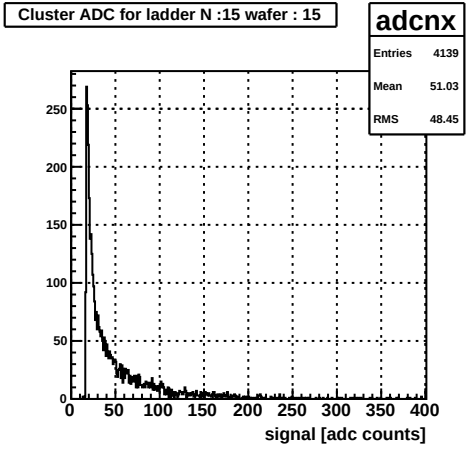

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2219
Mean 74.45
RMS 65.46
signal [adc counts]

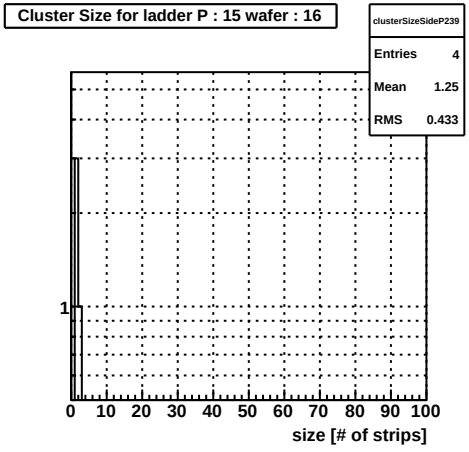

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2088
Mean 1.246
RMS 0.5837
size [# of strips]

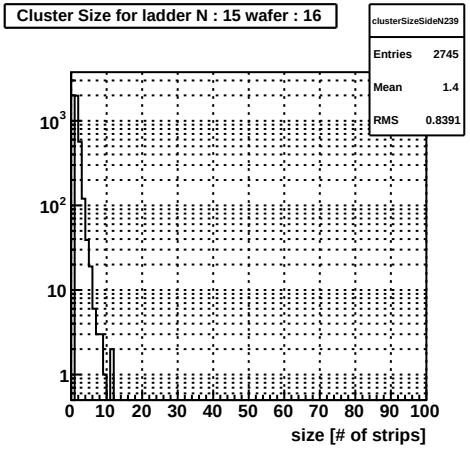

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4139
Mean 1.356
RMS 0.7101
size [# of strips]

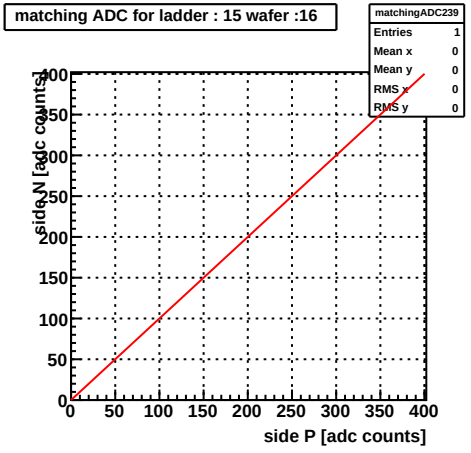

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1187
Mean x 86.04
Mean y 89.59
RMS x 59.5
RMS y 62.43
side N [adc counts]
side P [adc counts]

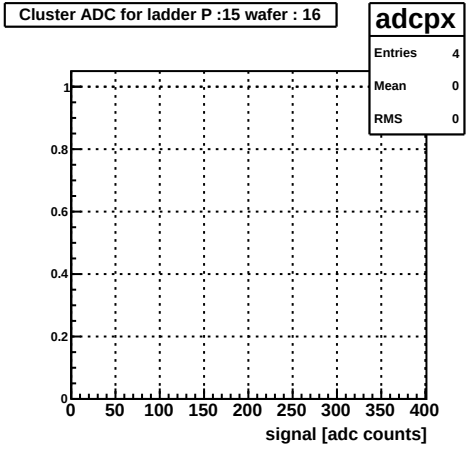

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2088
Mean 54.04
RMS 49.5
signal [adc counts]

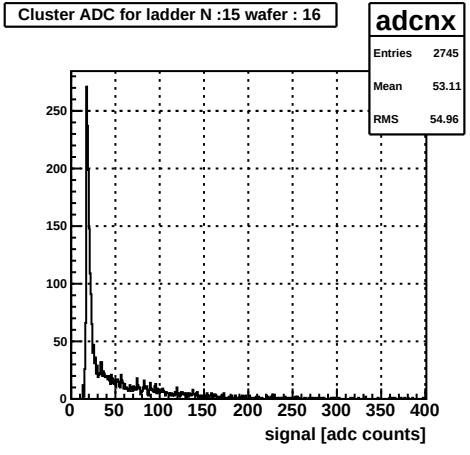

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4139
Mean 51.03
RMS 48.45
signal [adc counts]

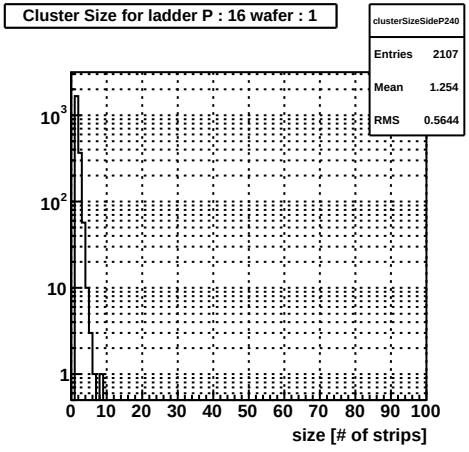

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

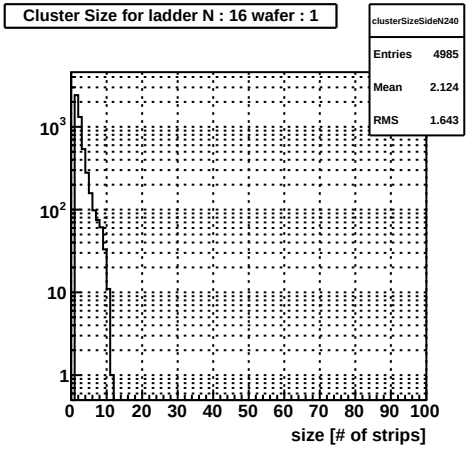

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2745
Mean 1.4
RMS 0.8391
size [# of strips]

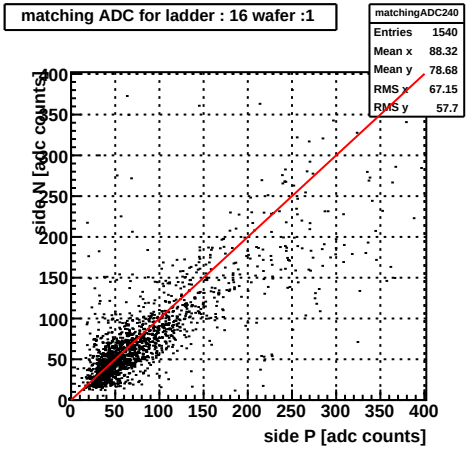

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

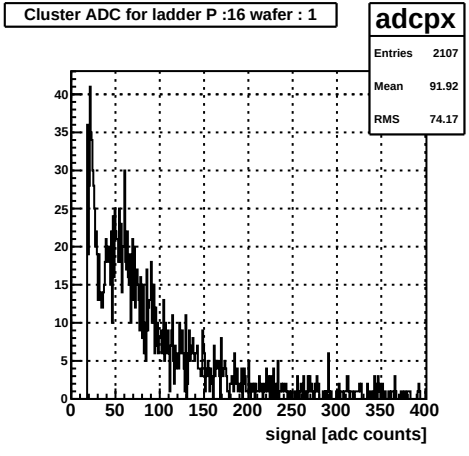

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

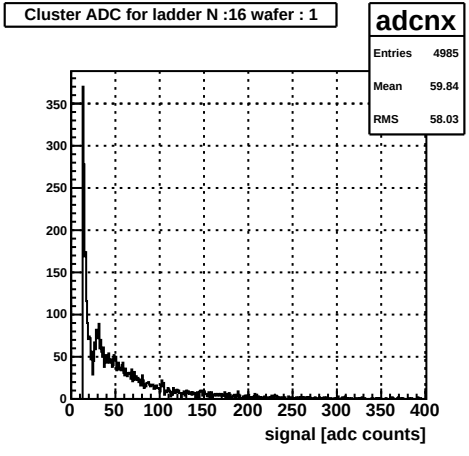

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2745
Mean 53.11
RMS 54.96
signal [adc counts]

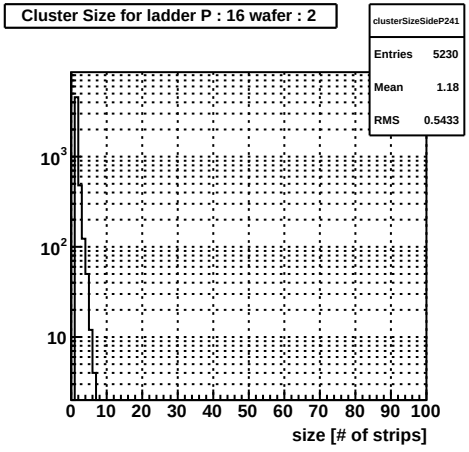

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2107
Mean 1.254
RMS 0.5644
size [# of strips]

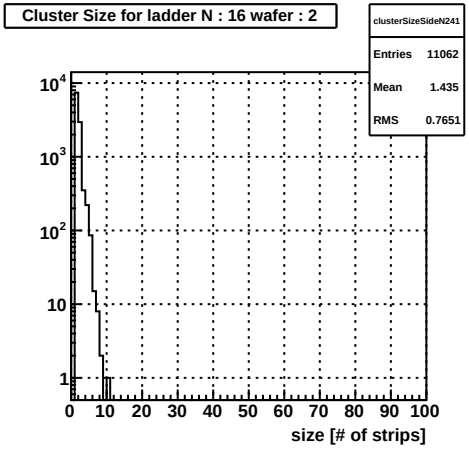

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4985
Mean 2.124
RMS 1.643
size [# of strips]

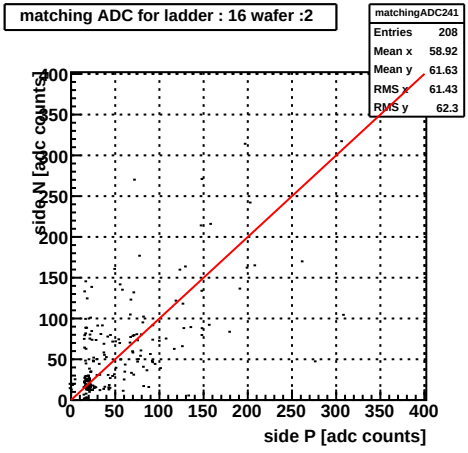

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1540
Mean x 88.32
Mean y 78.68
RMS x 67.15
RMS y 57.7
side N [adc counts]
side P [adc counts]

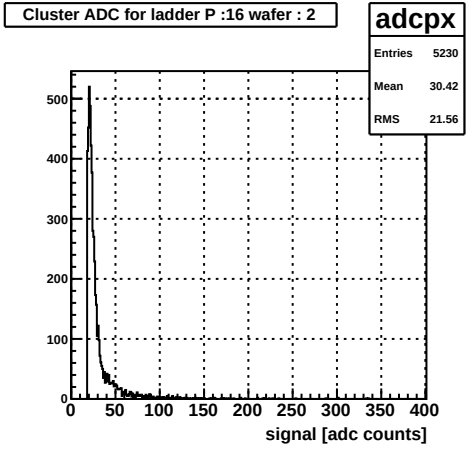

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2107
Mean 91.92
RMS 74.17
signal [adc counts]

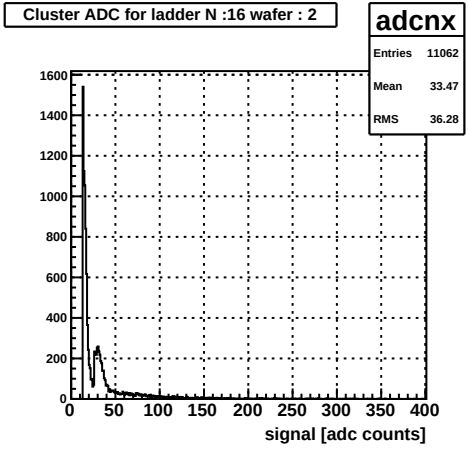

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4985
Mean 59.84
RMS 58.03
signal [adc counts]

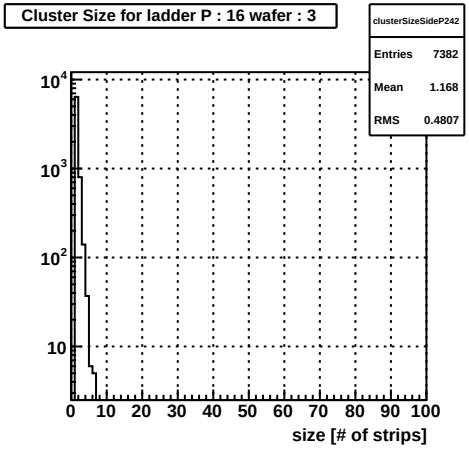

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 5230
Mean 1.18
RMS 0.5433
size [# of strips]

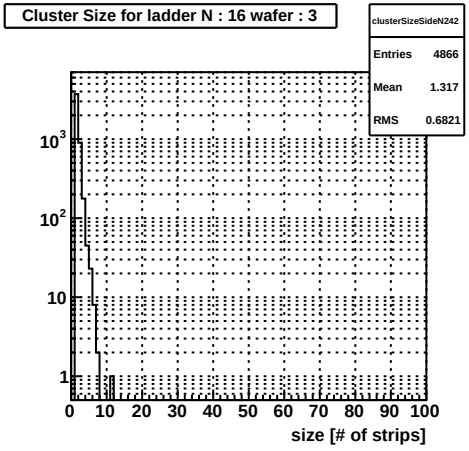

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 11062
Mean 1.435
RMS 0.7651
size [# of strips]

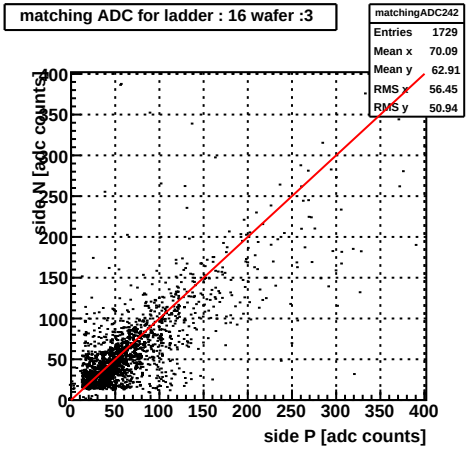

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 208
Mean x 58.92
Mean y 61.63
RMS x 61.43
RMS y 62.3
side N [adc counts]
side P [adc counts]

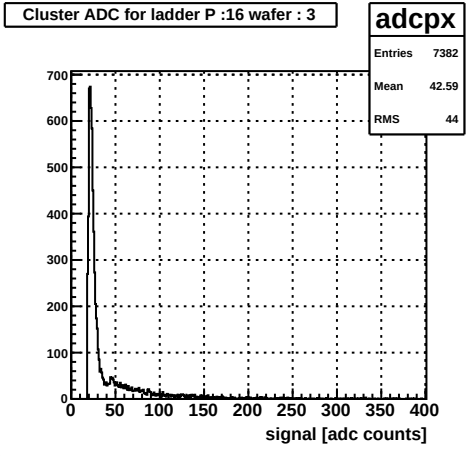

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 5230
Mean 30.42
RMS 21.56
signal [adc counts]

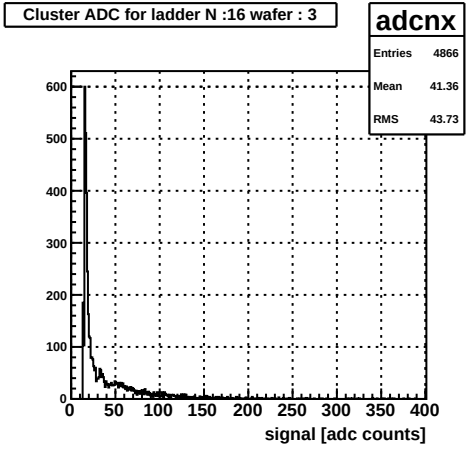

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 11062
Mean 33.47
RMS 36.28
signal [adc counts]

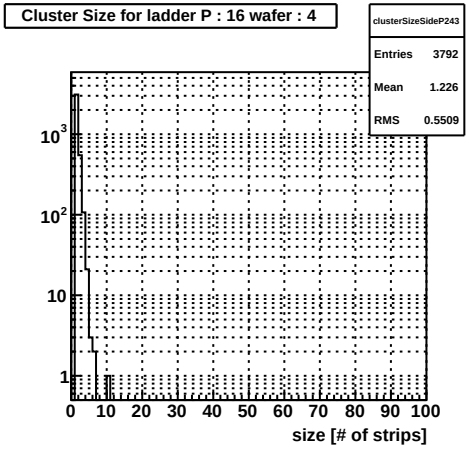

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7382
Mean 1.168
RMS 0.4807
size [# of strips]

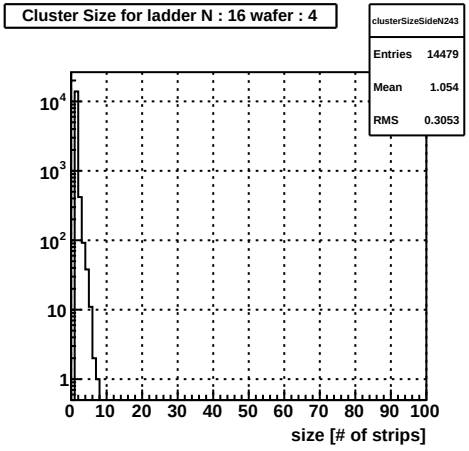

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 4866
Mean 1.317
RMS 0.6821
size [# of strips]

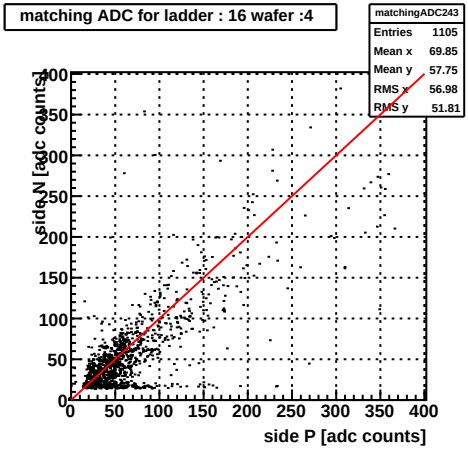

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1729
Mean x 70.09
Mean y 62.91
RMS x 56.45
RMS y 50.94
side N [adc counts]
side P [adc counts]

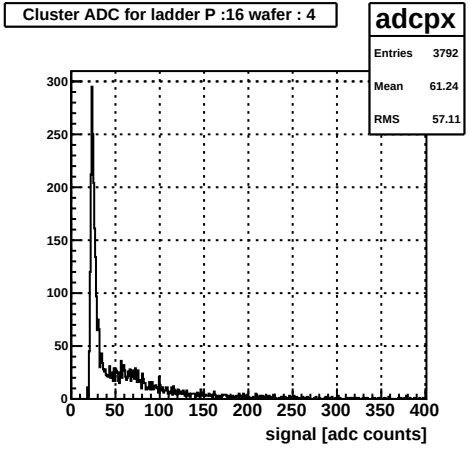

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7382
Mean 42.59
RMS 44
signal [adc counts]

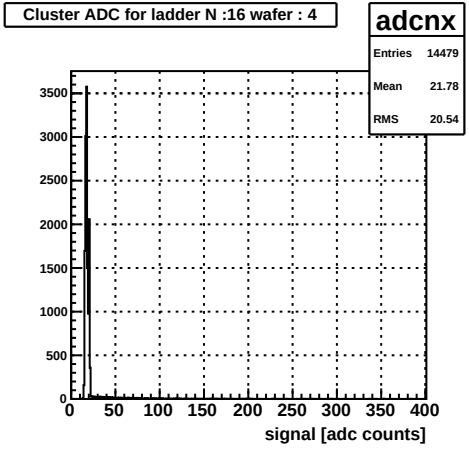

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 4866
Mean 41.36
RMS 43.73
signal [adc counts]

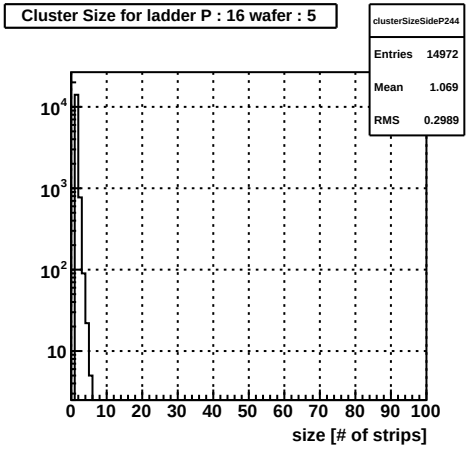

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3792
Mean 1.226
RMS 0.5509
size [# of strips]

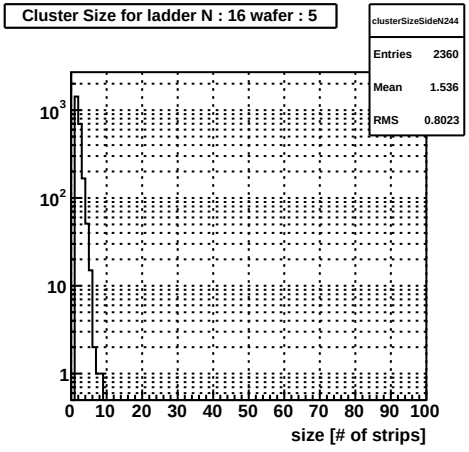

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 14479
Mean 1.054
RMS 0.3053
size [# of strips]

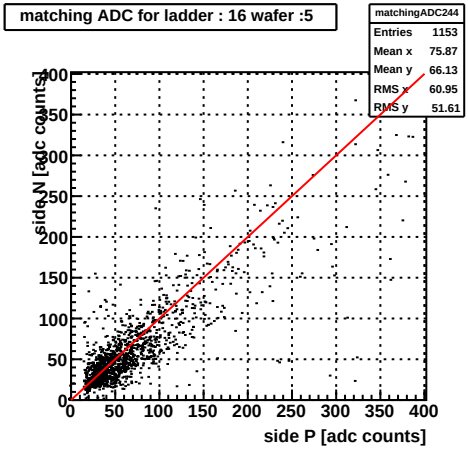

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1105
Mean x 69.85
Mean y 57.75
RMS x 56.98
RMS y 51.81
side N [adc counts]
side P [adc counts]

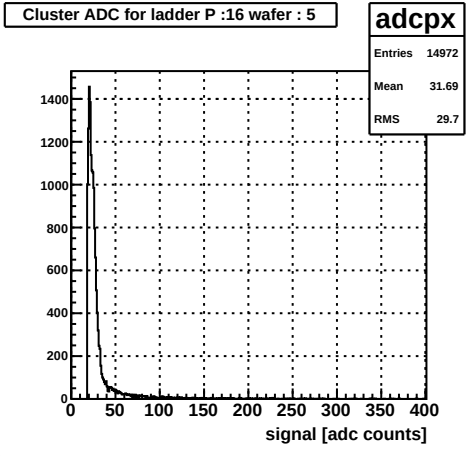

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3792
Mean 61.24
RMS 57.11
signal [adc counts]

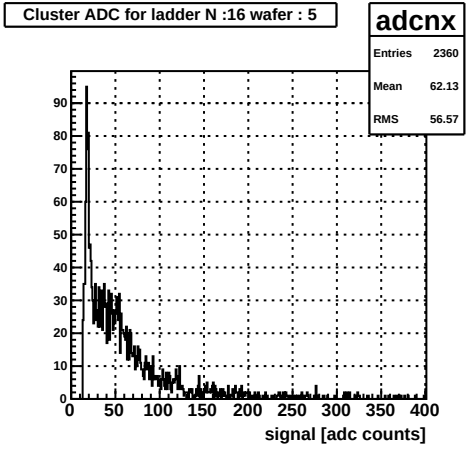

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 14479
Mean 21.78
RMS 20.54
signal [adc counts]

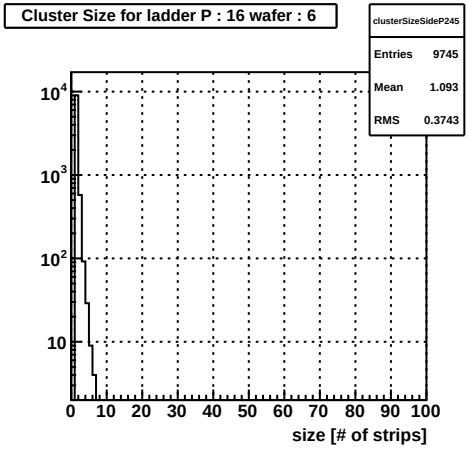

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14972
Mean 1.069
RMS 0.2989
size [# of strips]

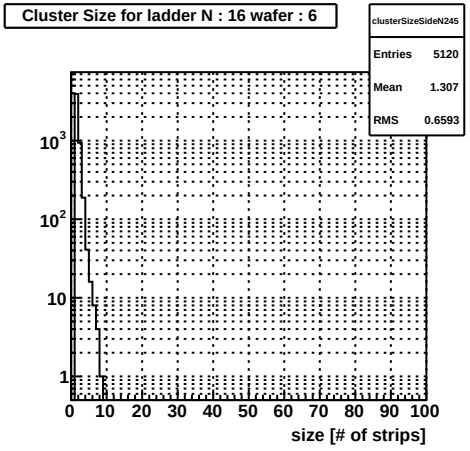

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2360
Mean 1.536
RMS 0.8023
size [# of strips]

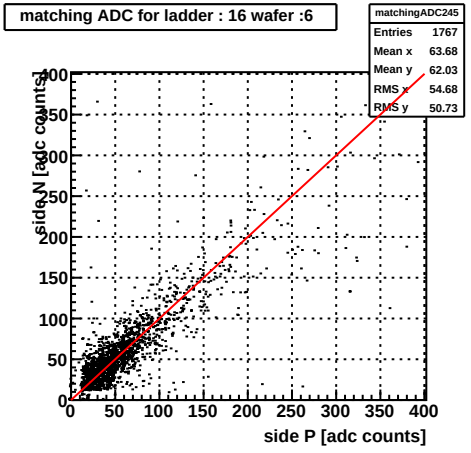

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1153
Mean x 75.87
Mean y 66.13
RMS x 60.95
RMS y 51.61
side N [adc counts]
side P [adc counts]

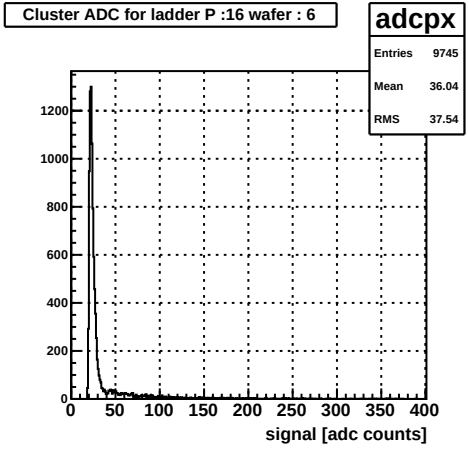

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14972
Mean 31.69
RMS 29.7
signal [adc counts]

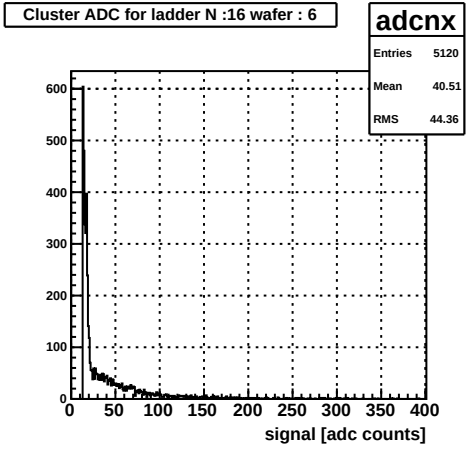

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2360
Mean 62.13
RMS 56.57
signal [adc counts]

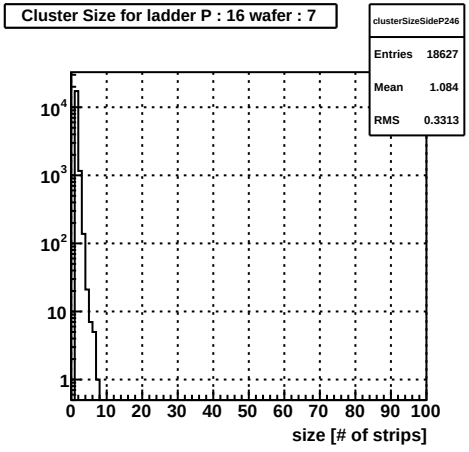

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9745
Mean 1.093
RMS 0.3743
size [# of strips]

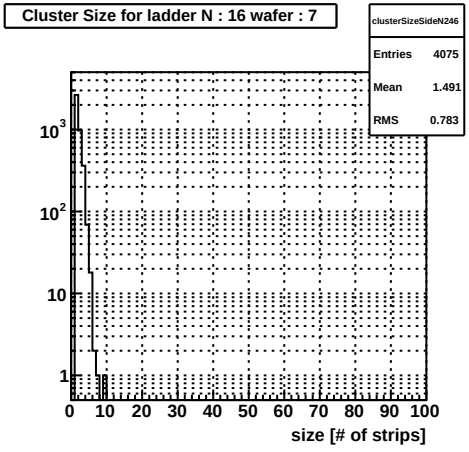

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 5120
Mean 1.307
RMS 0.6593
size [# of strips]

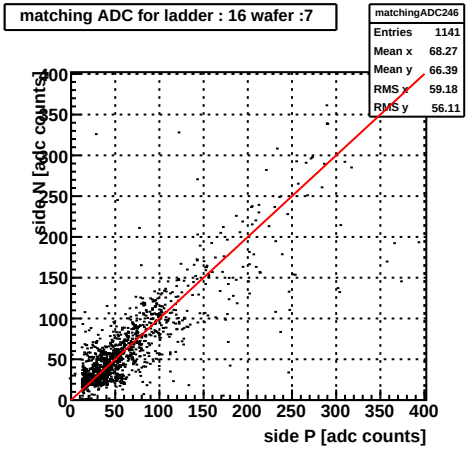

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1767
Mean x 63.68
Mean y 62.03
RMS x 54.68
RMS y 50.73
side N [adc counts]
side P [adc counts]

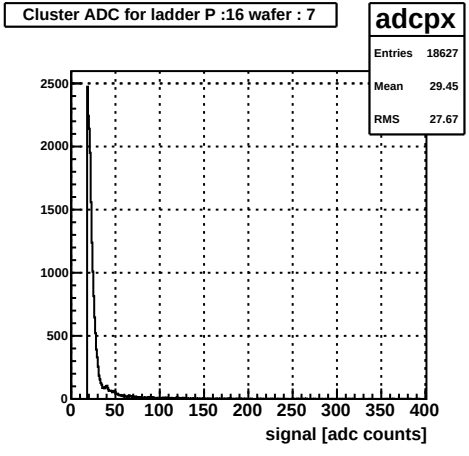

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9745
Mean 36.04
RMS 37.54
signal [adc counts]

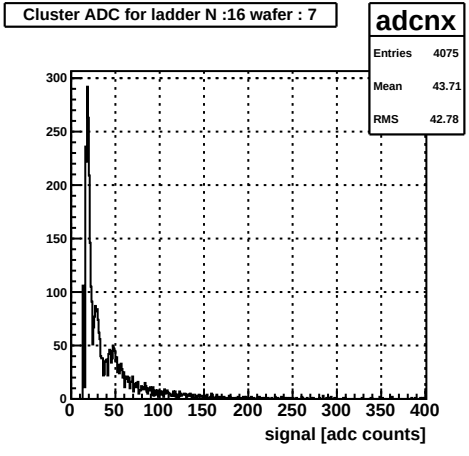

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 5120
Mean 40.51
RMS 44.36
signal [adc counts]

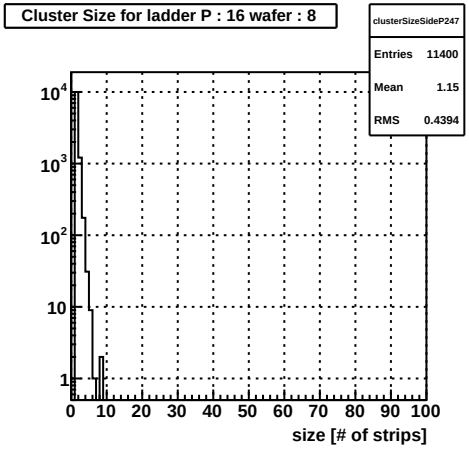

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 18627
Mean 1.084
RMS 0.3313
size [# of strips]

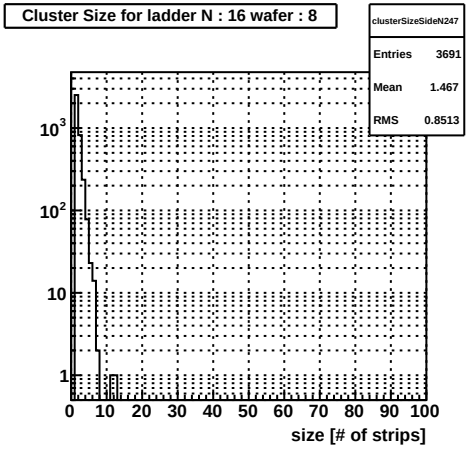

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4075
Mean 1.491
RMS 0.783
size [# of strips]

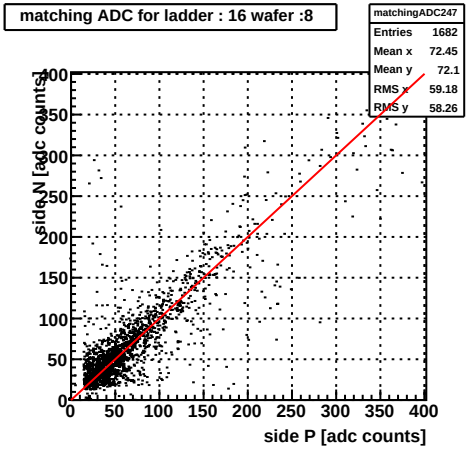

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1141
Mean x 68.27
Mean y 66.39
RMS x 59.18
RMS y 56.11
side N [adc counts]
side P [adc counts]

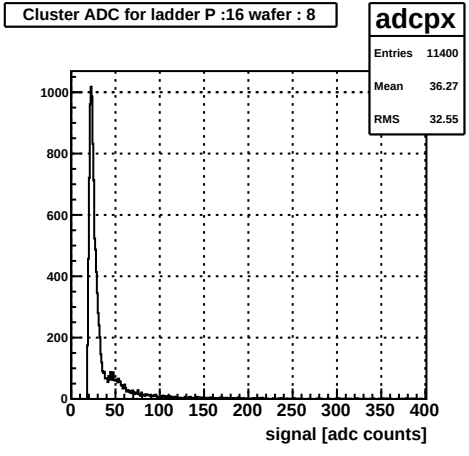

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 18627
Mean 29.45
RMS 27.67
signal [adc counts]

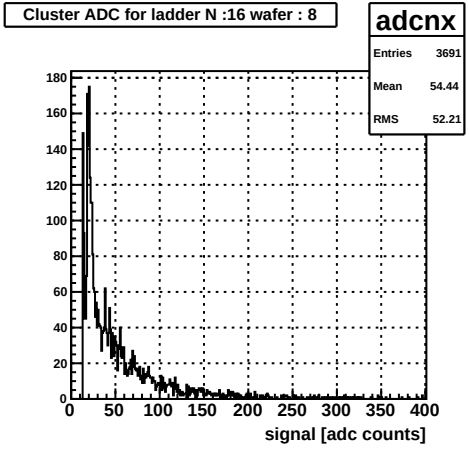

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4075
Mean 43.71
RMS 42.78
signal [adc counts]

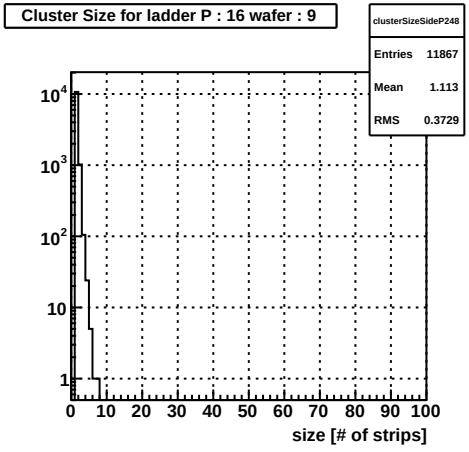

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 11400
Mean 1.15
RMS 0.4394
size [# of strips]

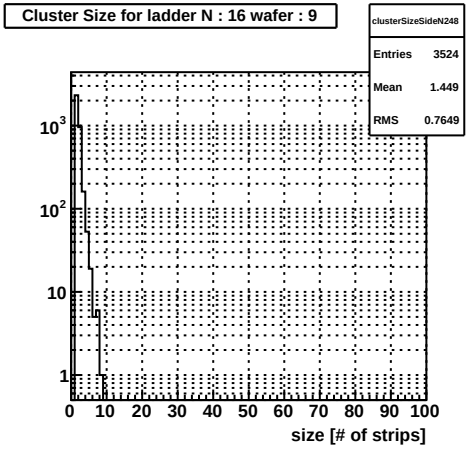

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3691
Mean 1.467
RMS 0.8513
size [# of strips]

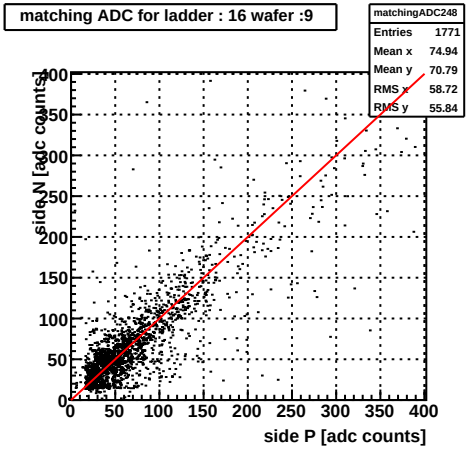

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1682
Mean x 72.45
Mean y 72.1
RMS x 59.18
RMS y 58.26
side N [adc counts]
side P [adc counts]

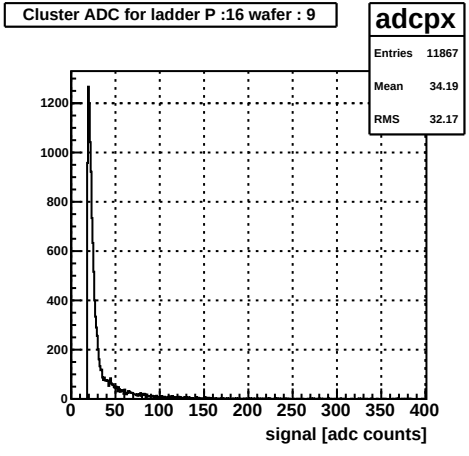

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 11400
Mean 36.27
RMS 32.55
signal [adc counts]

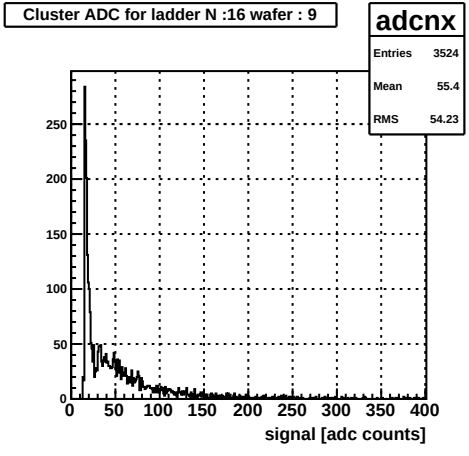

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3691
Mean 54.44
RMS 52.21
signal [adc counts]

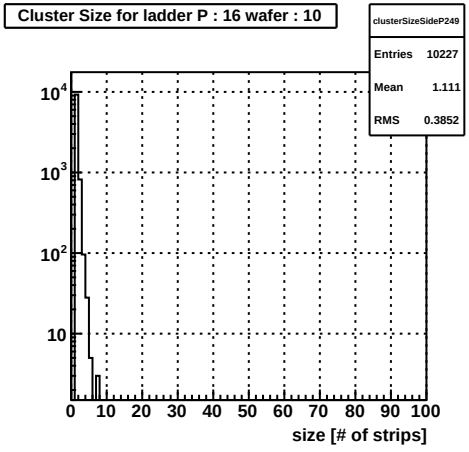

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11867
Mean 1.113
RMS 0.3729
size [# of strips]

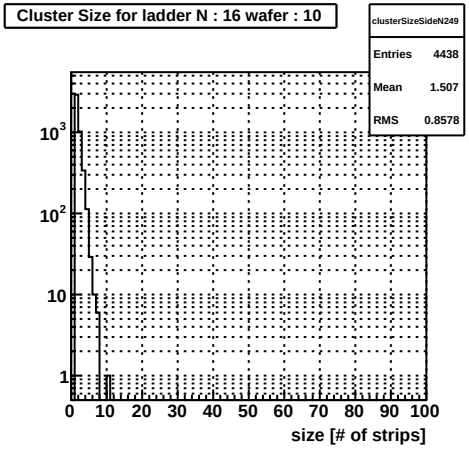

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 3524
Mean 1.449
RMS 0.7649
size [# of strips]

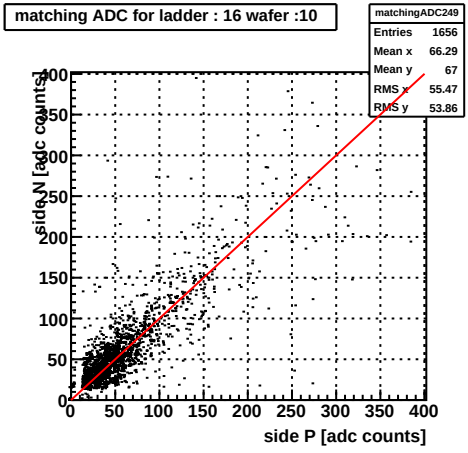

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1771
Mean x 74.94
Mean y 70.79
RMS x 58.72
RMS y 55.84
side N [adc counts]
side P [adc counts]

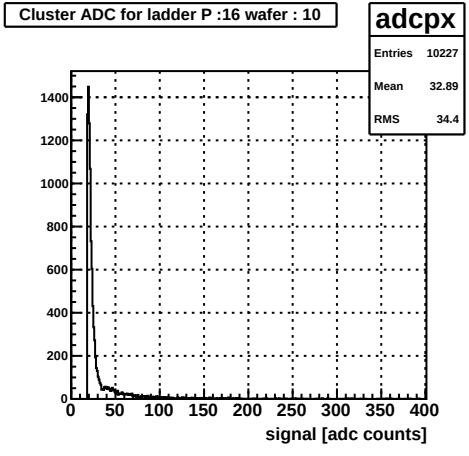

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11867
Mean 34.19
RMS 32.17
signal [adc counts]

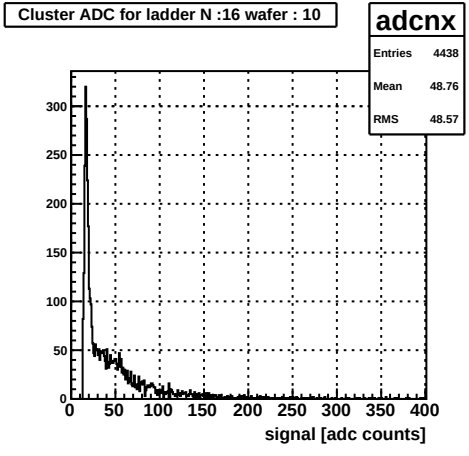

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 3524
Mean 55.4
RMS 54.23
signal [adc counts]

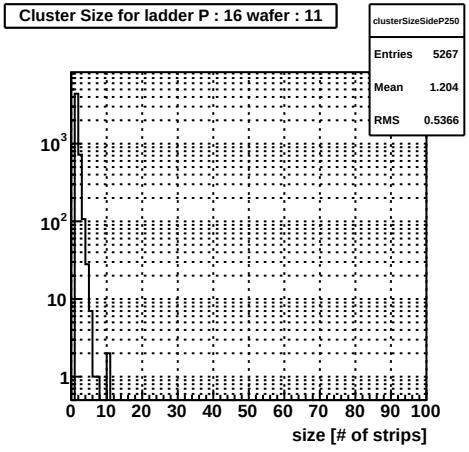

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10227
Mean 1.111
RMS 0.3852
size [# of strips]

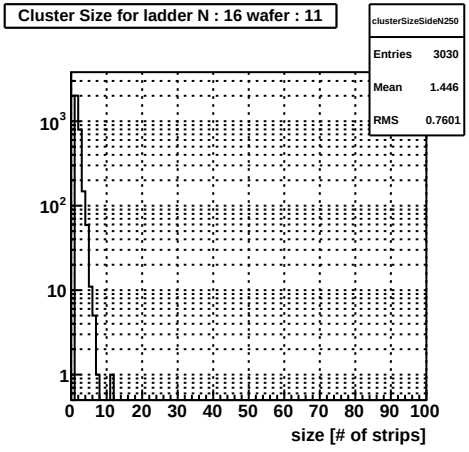

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4438
Mean 1.507
RMS 0.8578
size [# of strips]

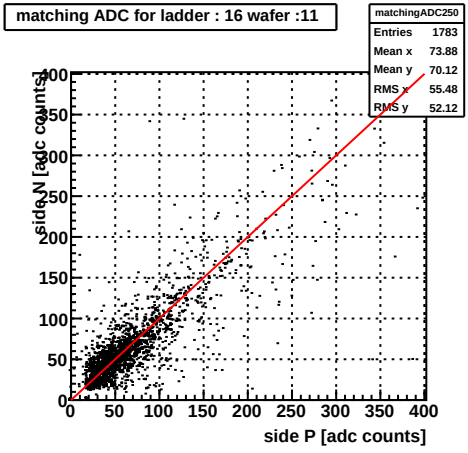

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1656
Mean x 66.29
Mean y 67
RMS x 55.47
RMS y 53.86
side N [adc counts]
side P [adc counts]

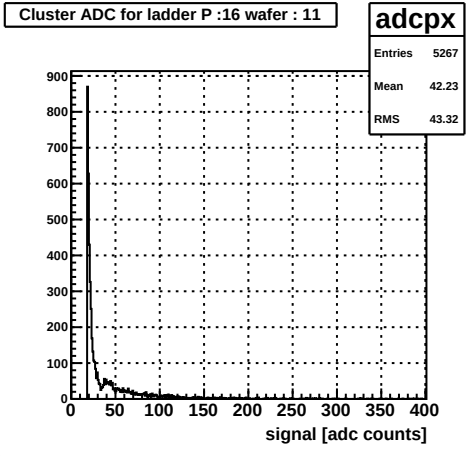

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10227
Mean 32.89
RMS 34.4
signal [adc counts]

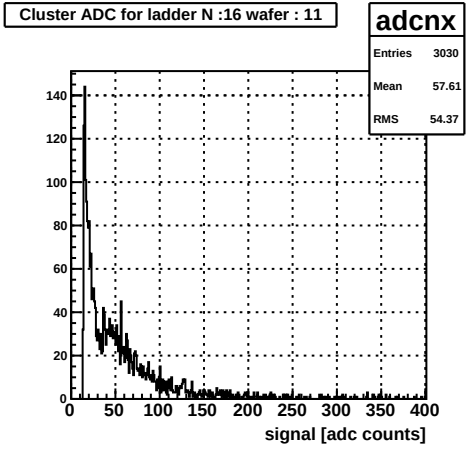

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4438
Mean 48.76
RMS 48.57
signal [adc counts]

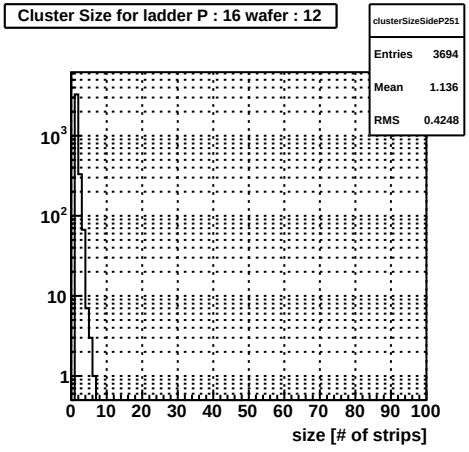

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5267
Mean 1.204
RMS 0.5366
size [# of strips]

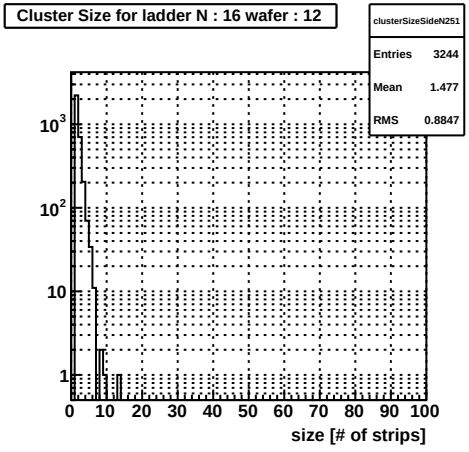

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3030
Mean 1.446
RMS 0.7601
size [# of strips]

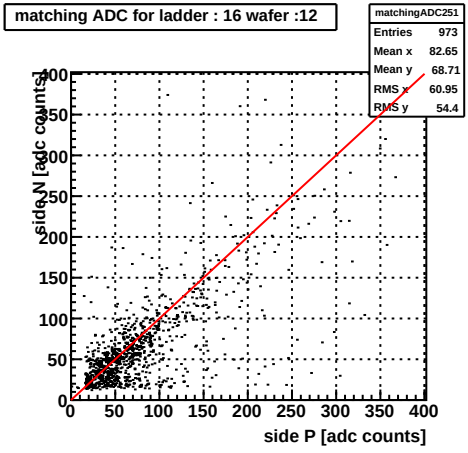

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1783
Mean x 73.88
Mean y 70.12
RMS x 55.48
RMS y 52.12
side N [adc counts]
side P [adc counts]

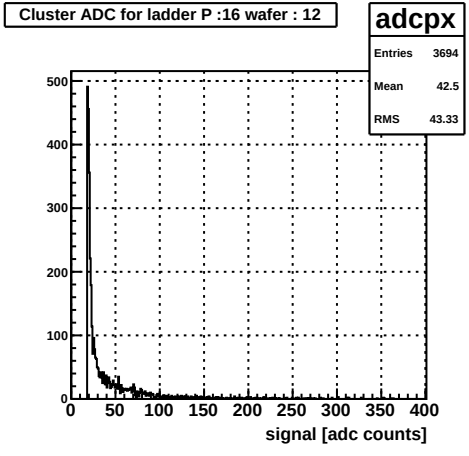

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5267
Mean 42.23
RMS 43.32
signal [adc counts]

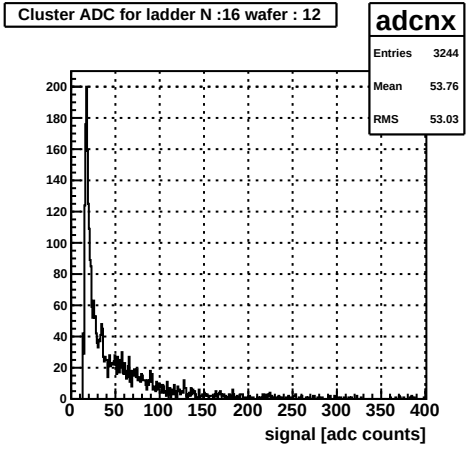

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3030
Mean 57.61
RMS 54.37
signal [adc counts]

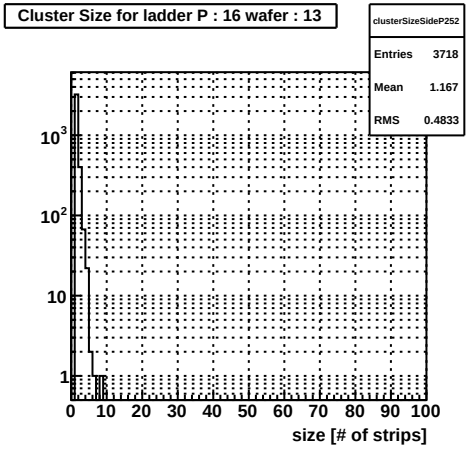

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3694
Mean 1.136
RMS 0.4248
size [# of strips]

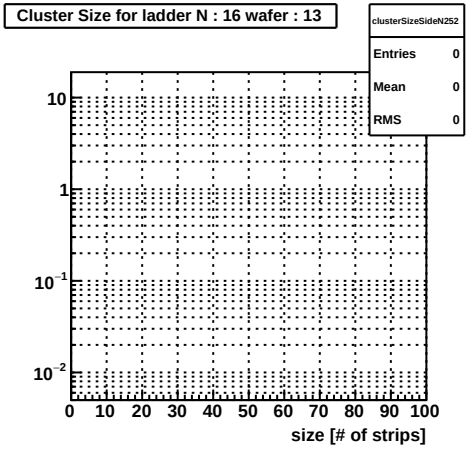

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3244
Mean 1.477
RMS 0.8847
size [# of strips]

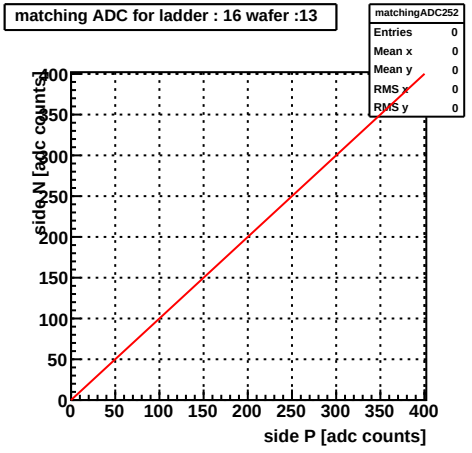

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 973
Mean x 82.65
Mean y 68.71
RMS x 60.95
RMS y 54.4
side N [adc counts]
side P [adc counts]

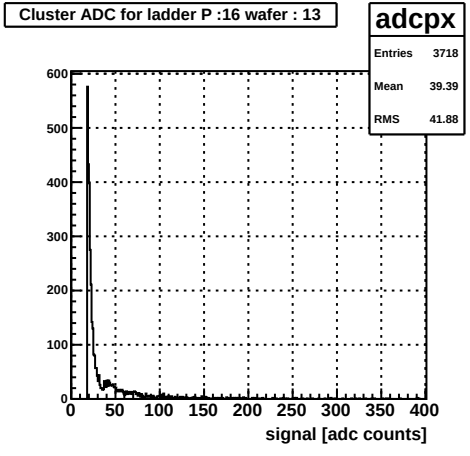

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3694
Mean 42.5
RMS 43.33
signal [adc counts]

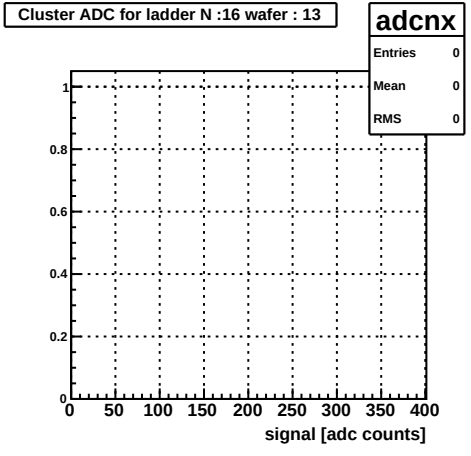

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3244
Mean 53.76
RMS 53.03
signal [adc counts]

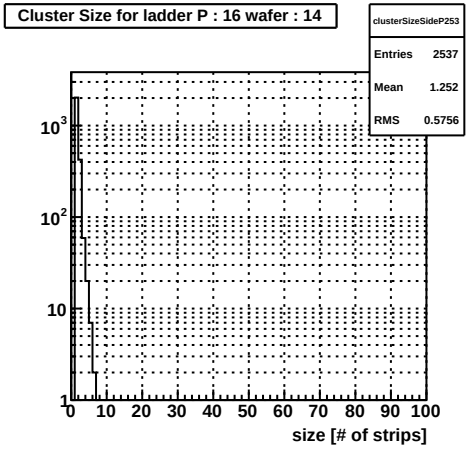

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3718
Mean 1.167
RMS 0.4833
size [# of strips]

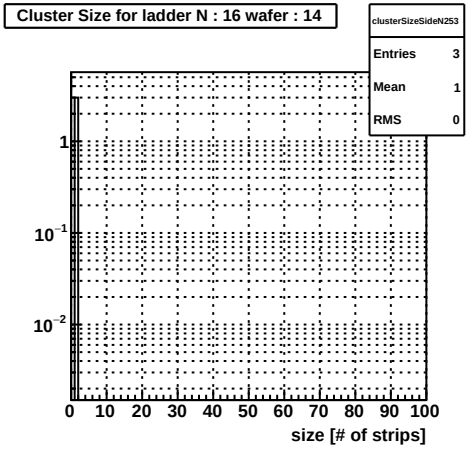

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

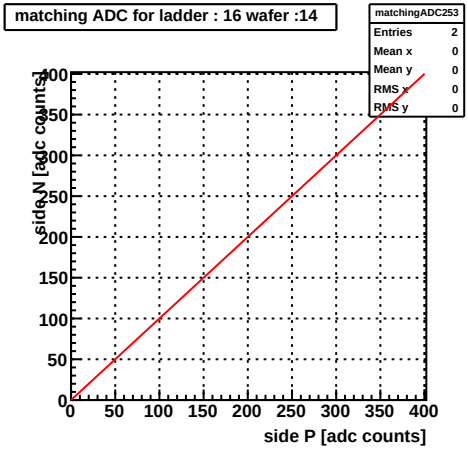

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

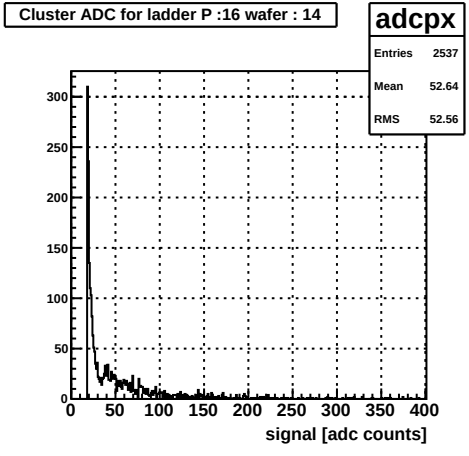

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3718
Mean 39.39
RMS 41.88
signal [adc counts]

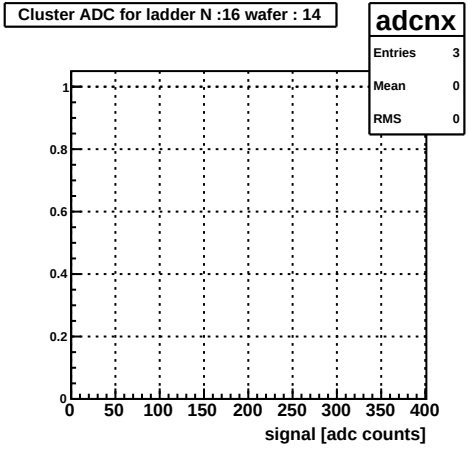

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

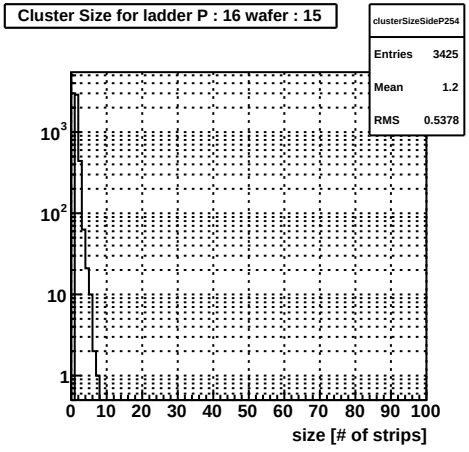

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2537
Mean 1.252
RMS 0.5756
size [# of strips]

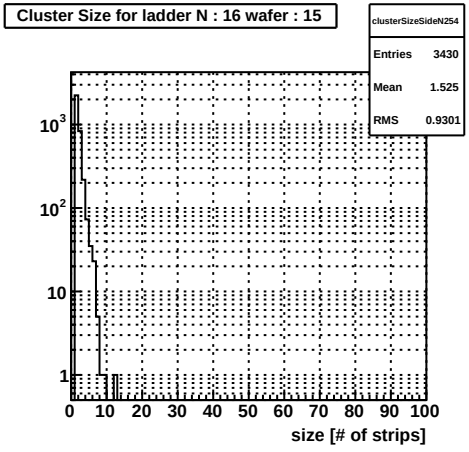

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 3
Mean 1
RMS 0
size [# of strips]

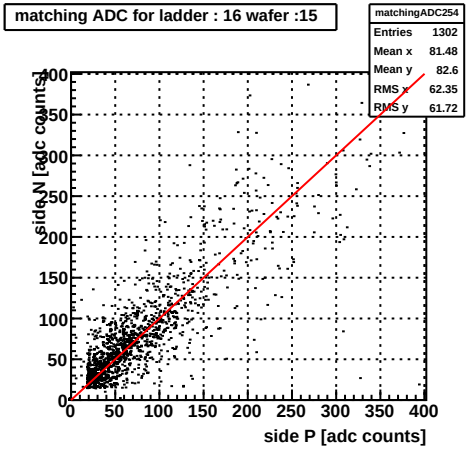

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

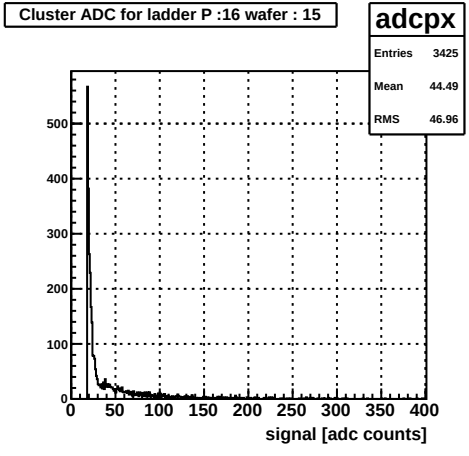

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2537
Mean 52.64
RMS 52.56
signal [adc counts]

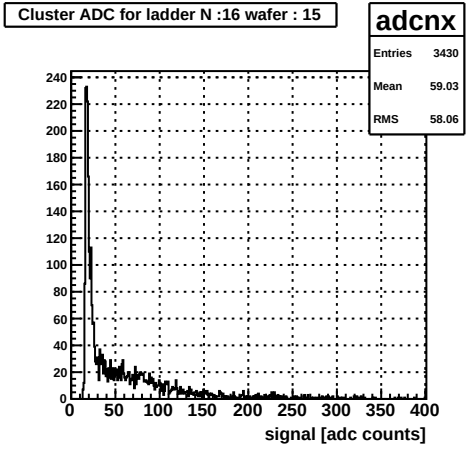

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

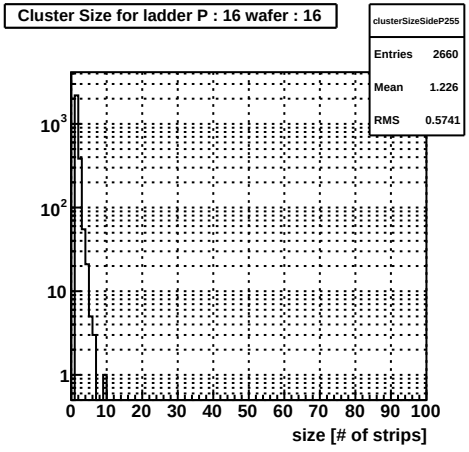

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3425
Mean 1.2
RMS 0.5378
size [# of strips]

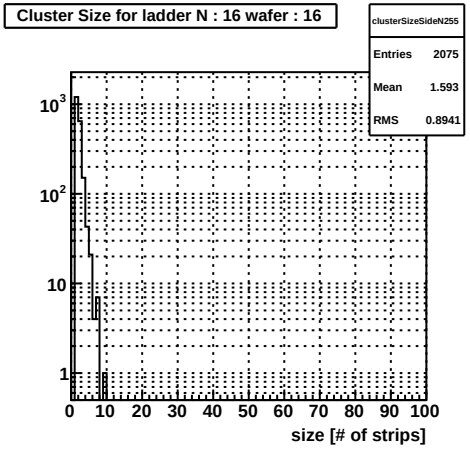

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3430
Mean 1.525
RMS 0.9301
size [# of strips]

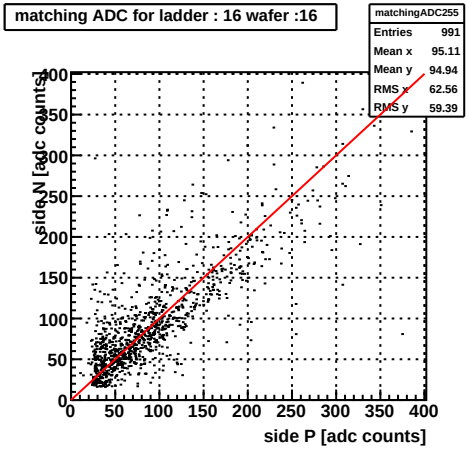

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1302
Mean x 81.48
Mean y 82.6
RMS x 62.35
RMS y 61.72
side N [adc counts]
side P [adc counts]

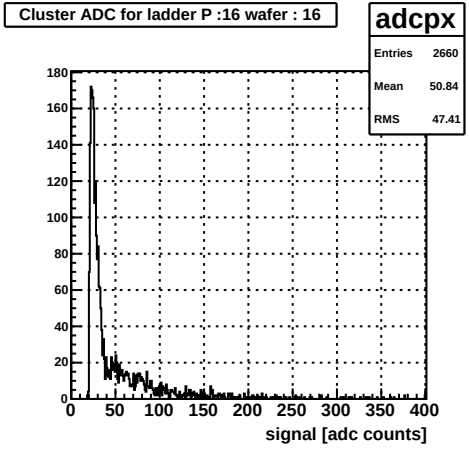

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3425
Mean 44.49
RMS 46.96
signal [adc counts]

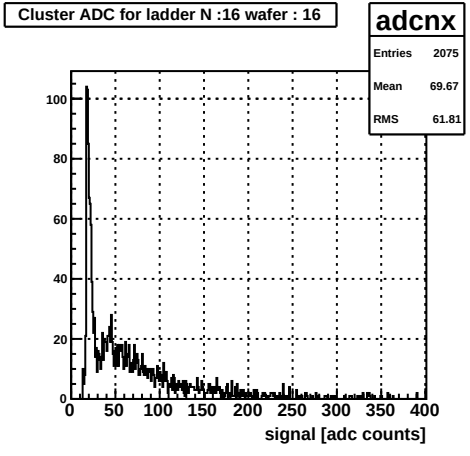

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3430
Mean 59.03
RMS 58.06
signal [adc counts]

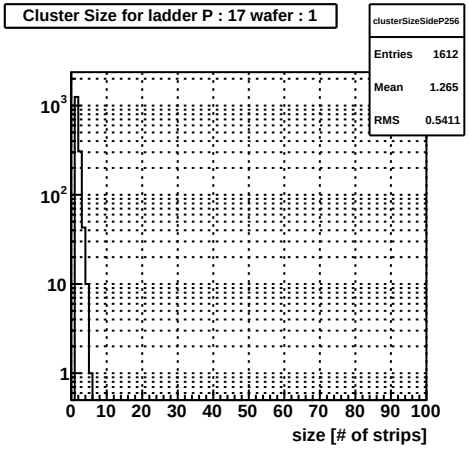

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2660
Mean 1.226
RMS 0.5741
size [# of strips]

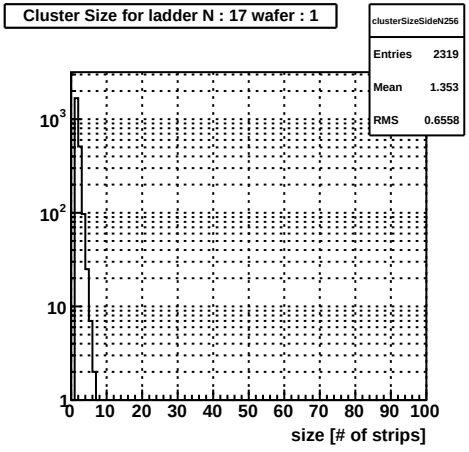

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2075
Mean 1.593
RMS 0.8941
size [# of strips]

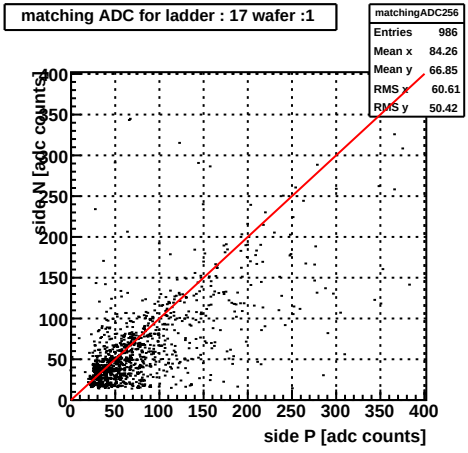

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 991
Mean x 95.11
Mean y 94.94
RMS x 62.56
RMS y 59.39
side N [adc counts]
side P [adc counts]

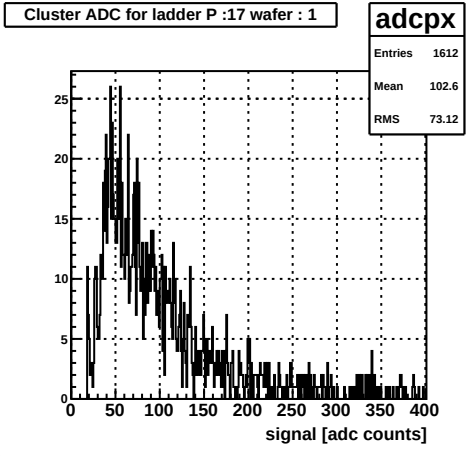

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2660
Mean 50.84
RMS 47.41
signal [adc counts]

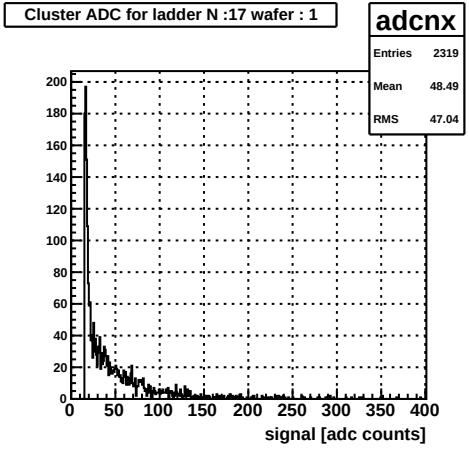

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2075
Mean 69.67
RMS 61.81
signal [adc counts]

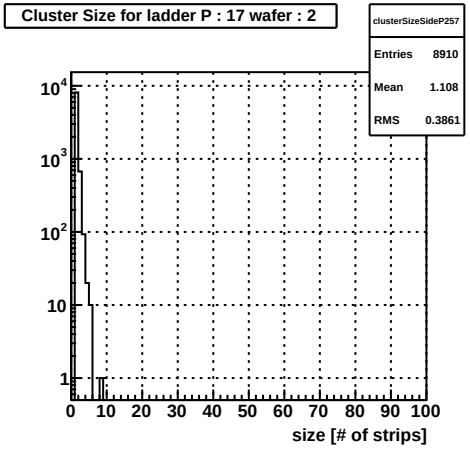

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1612
Mean 1.265
RMS 0.5411
size [# of strips]

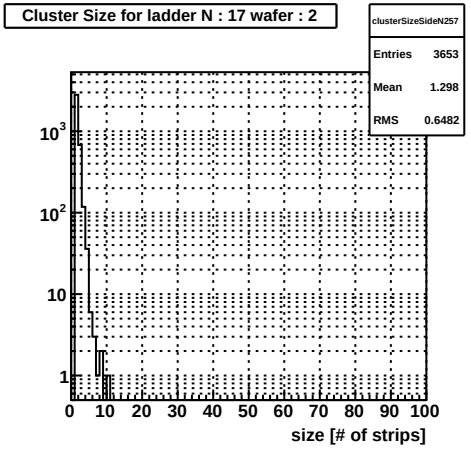

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2319
Mean 1.353
RMS 0.6558
size [# of strips]

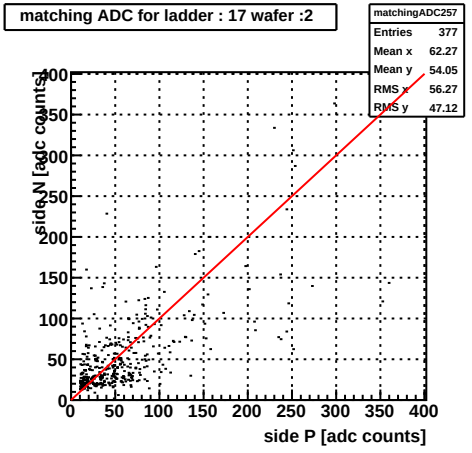

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 986
Mean x 84.26
Mean y 66.85
RMS x 60.61
RMS y 50.42
side N [adc counts]
side P [adc counts]

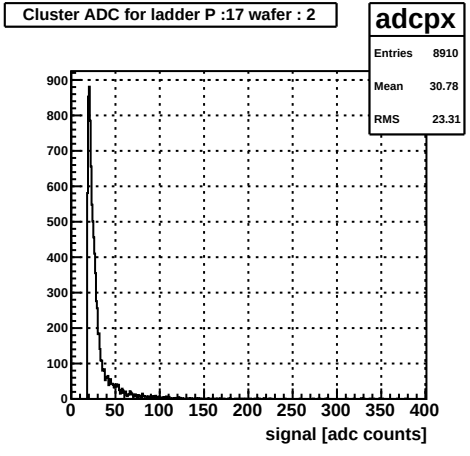

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1612
Mean 102.6
RMS 73.12
signal [adc counts]

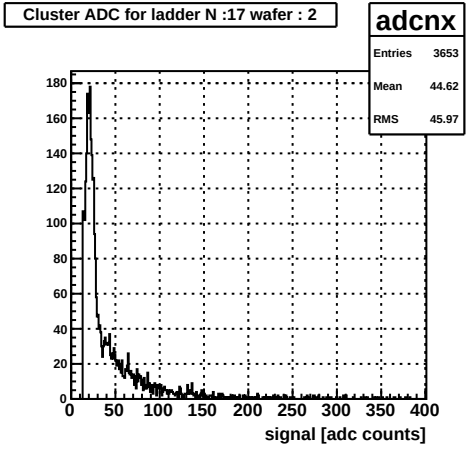

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2319
Mean 48.49
RMS 47.04
signal [adc counts]

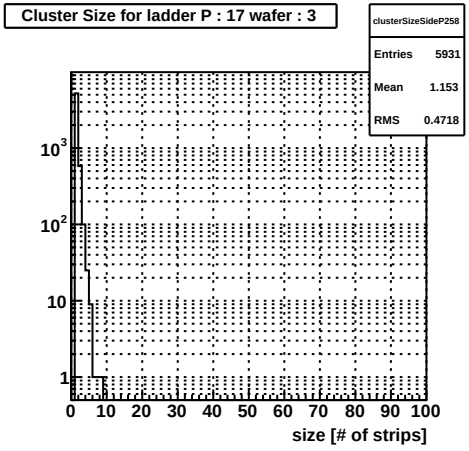

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8910
Mean 1.108
RMS 0.3861
size [# of strips]

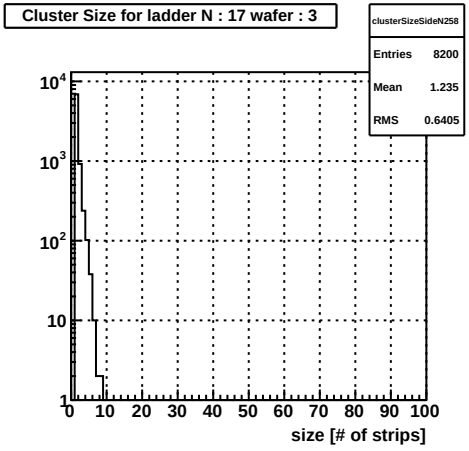

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3653
Mean 1.298
RMS 0.6482
size [# of strips]

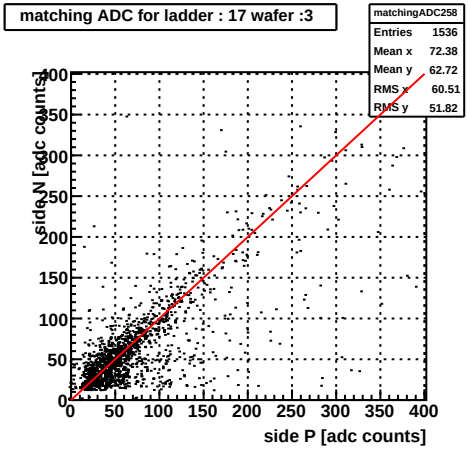

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 377
Mean x 62.27
Mean y 54.05
RMS x 56.27
RMS y 47.12
side N [adc counts]
side P [adc counts]

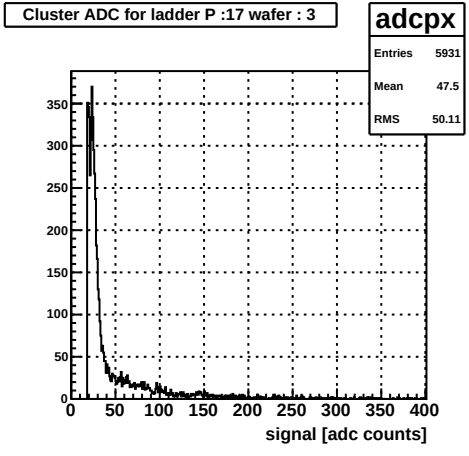

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8910
Mean 30.78
RMS 23.31
signal [adc counts]

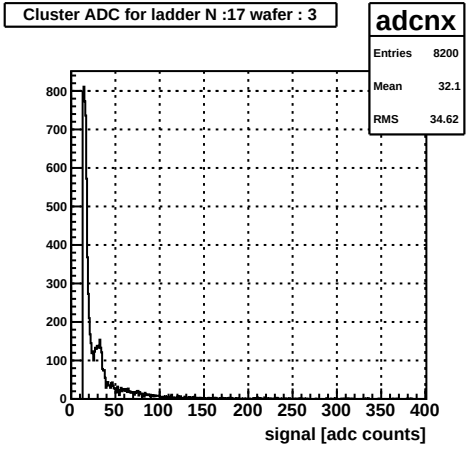

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3653
Mean 44.62
RMS 45.97
signal [adc counts]

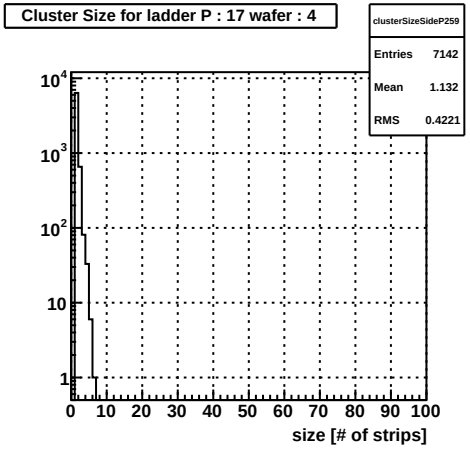

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5931
Mean 1.153
RMS 0.4718
size [# of strips]

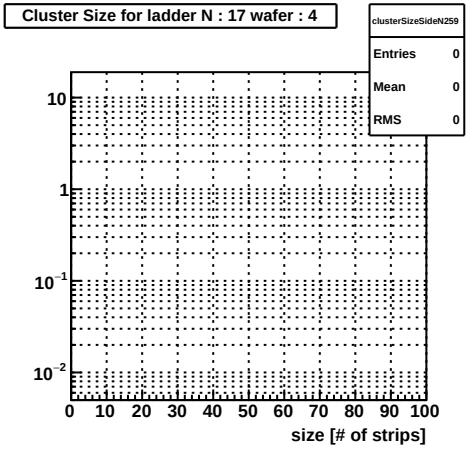

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8200
Mean 1.235
RMS 0.6405
size [# of strips]

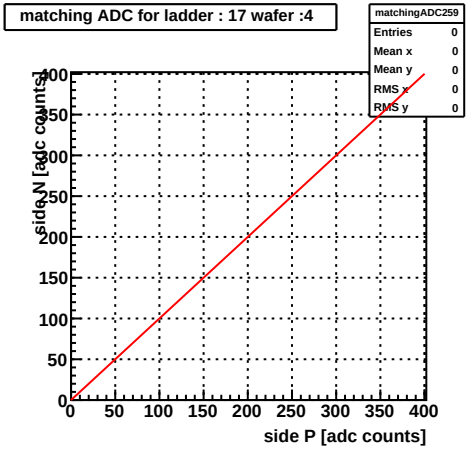

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1536
Mean x 72.38
Mean y 62.72
RMS x 60.51
RMS y 51.82
side N [adc counts]
side P [adc counts]

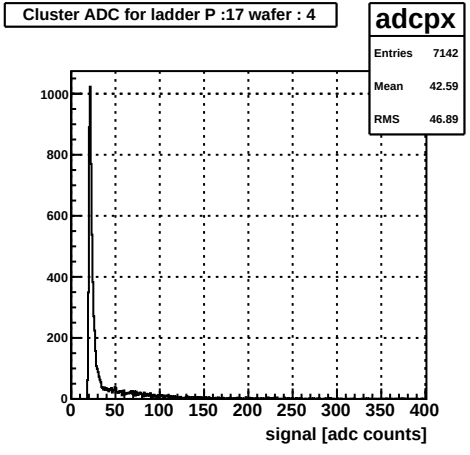

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5931
Mean 47.5
RMS 50.11
signal [adc counts]

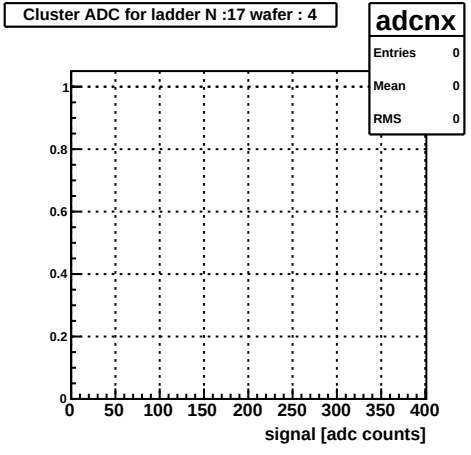

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8200
Mean 32.1
RMS 34.62
signal [adc counts]

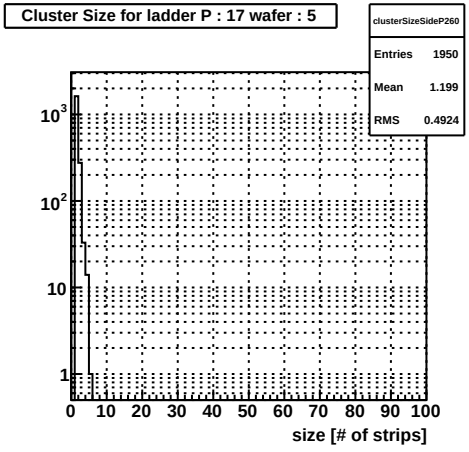

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 7142
Mean 1.132
RMS 0.4221
size [# of strips]

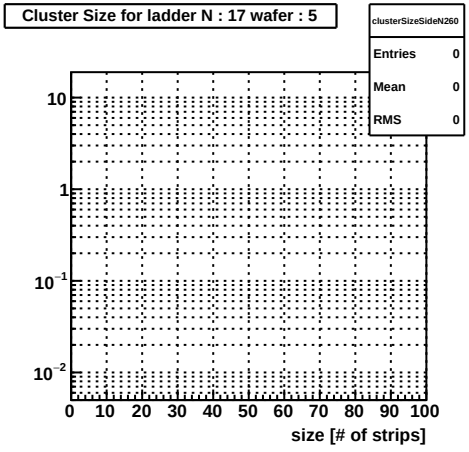

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

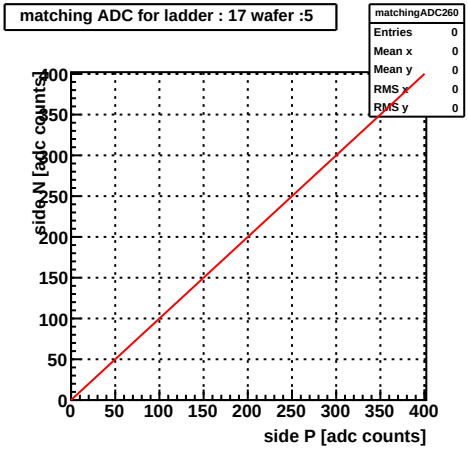

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

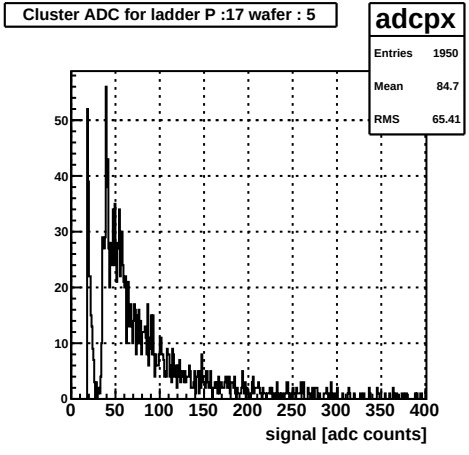

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 7142
Mean 42.59
RMS 46.89
signal [adc counts]

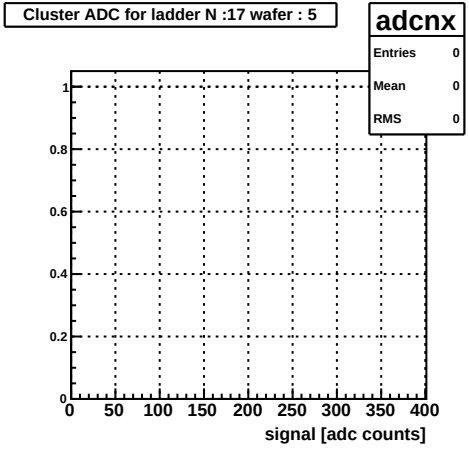

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

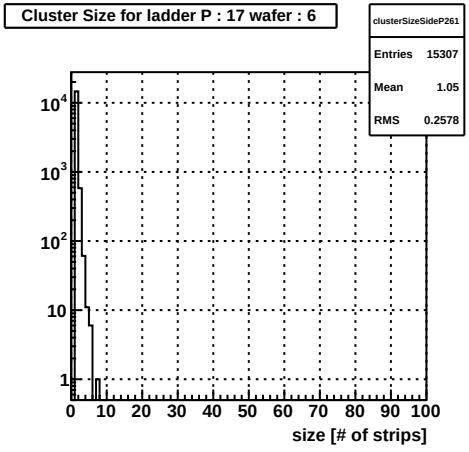

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1950
Mean 1.199
RMS 0.4924
size [# of strips]

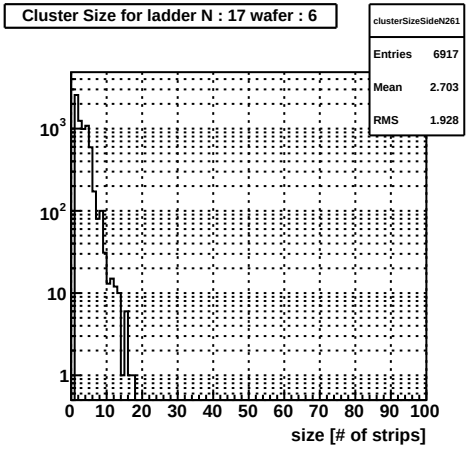

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

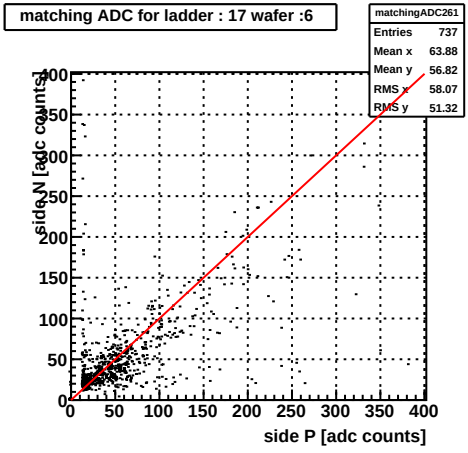

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

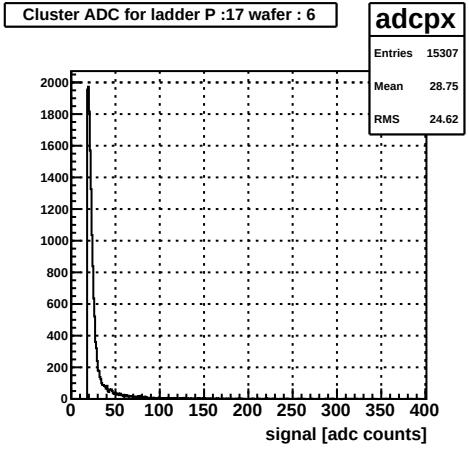

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1950
Mean 84.7
RMS 65.41
signal [adc counts]

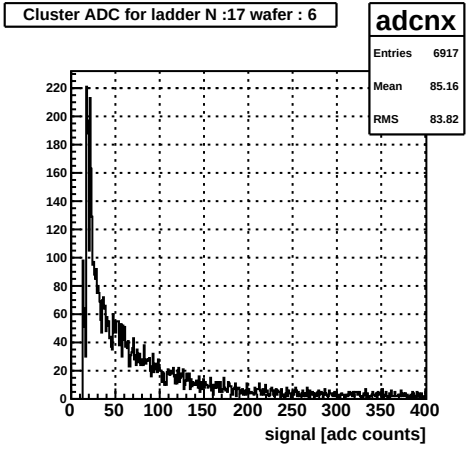

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

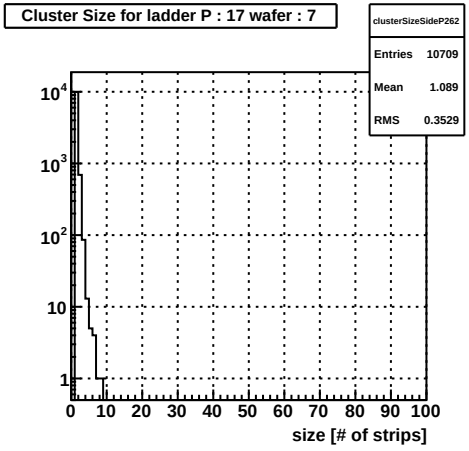

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 15307
Mean 1.05
RMS 0.2578
size [# of strips]

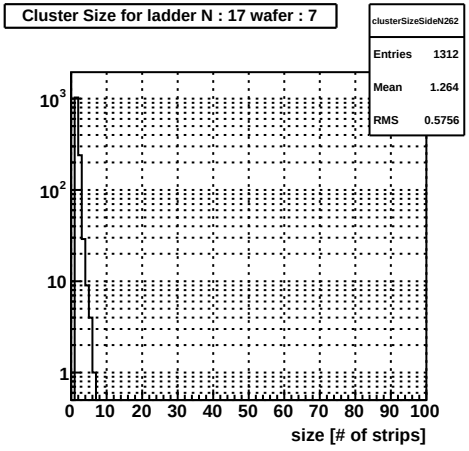

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6917
Mean 2.703
RMS 1.928
size [# of strips]

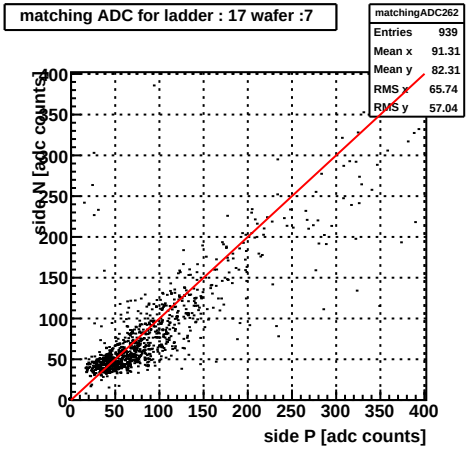

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 737
Mean x 63.88
Mean y 56.82
RMS x 58.07
RMS y 51.32
side N [adc counts]
side P [adc counts]

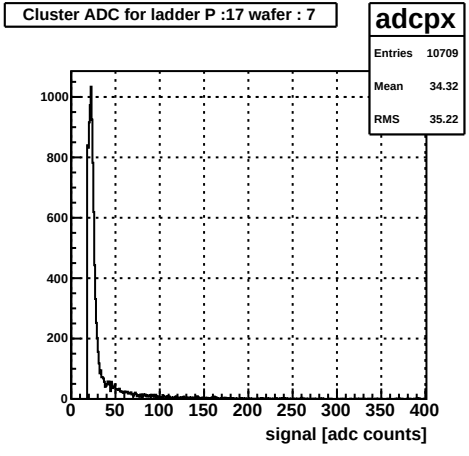

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 15307
Mean 28.75
RMS 24.62
signal [adc counts]

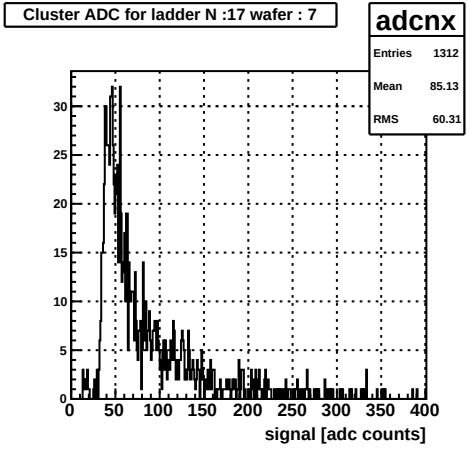

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6917
Mean 85.16
RMS 83.82
signal [adc counts]

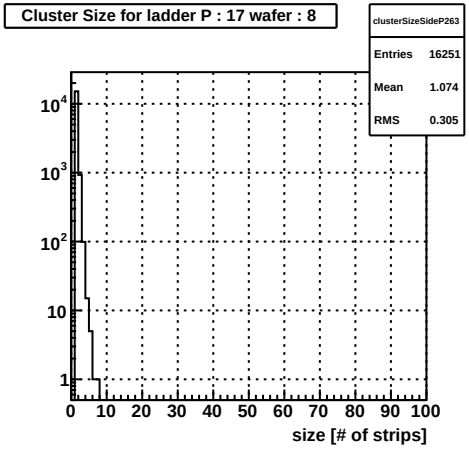

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10709
Mean 1.089
RMS 0.3529
size [# of strips]

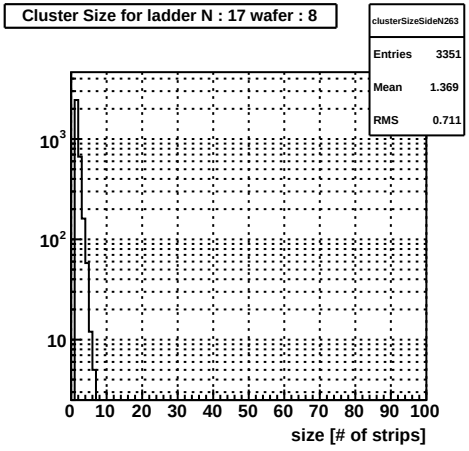

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1312
Mean 1.264
RMS 0.5756
size [# of strips]

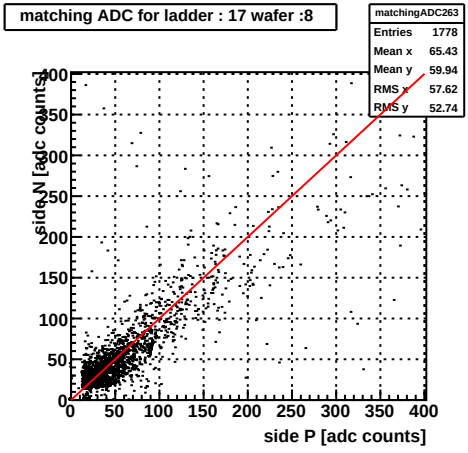

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 939
Mean x 91.31
Mean y 82.31
RMS x 65.74
RMS y 57.04
side N [adc counts]
side P [adc counts]

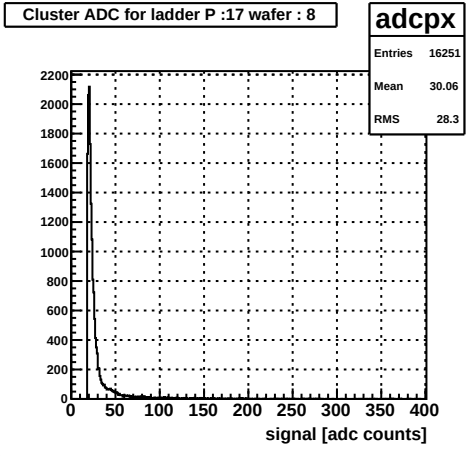

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10709
Mean 34.32
RMS 35.22
signal [adc counts]

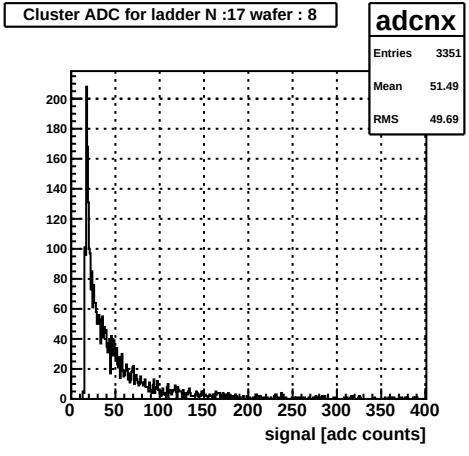

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1312
Mean 85.13
RMS 60.31
signal [adc counts]

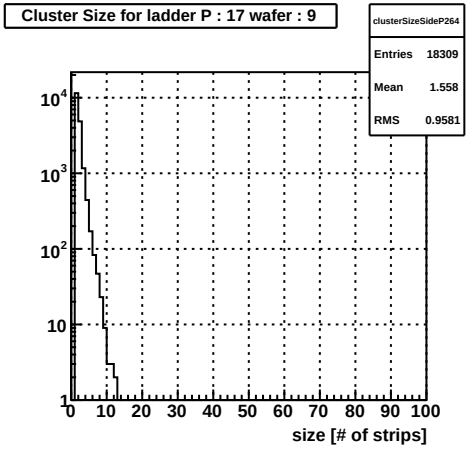

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 16251
Mean 1.074
RMS 0.305
size [# of strips]

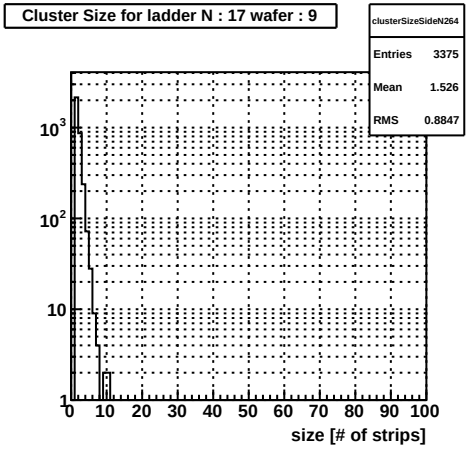

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3351
Mean 1.369
RMS 0.711
size [# of strips]

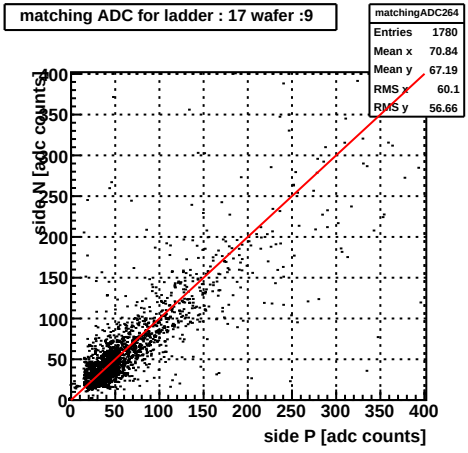

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1778
Mean x 65.43
Mean y 59.94
RMS x 57.62
RMS y 52.74
side N [adc counts]
side P [adc counts]

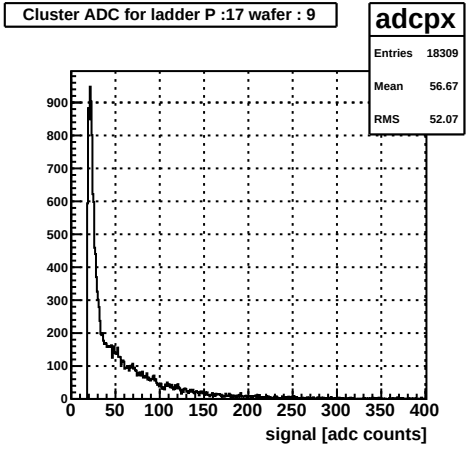

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 16251
Mean 30.06
RMS 28.3
signal [adc counts]

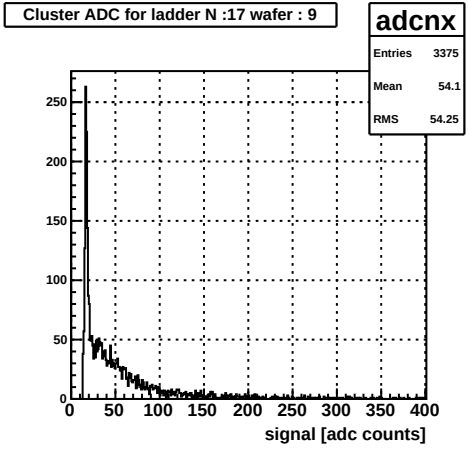

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3351
Mean 51.49
RMS 49.69
signal [adc counts]

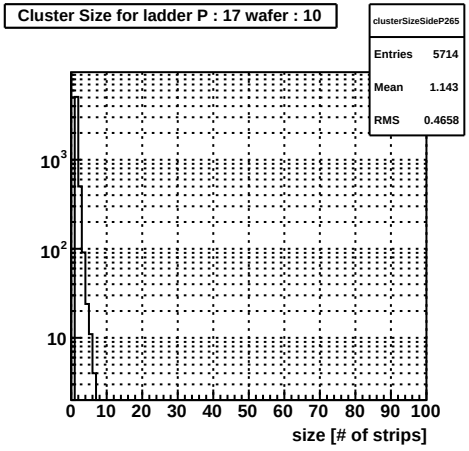

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18309
Mean 1.558
RMS 0.9581
size [# of strips]

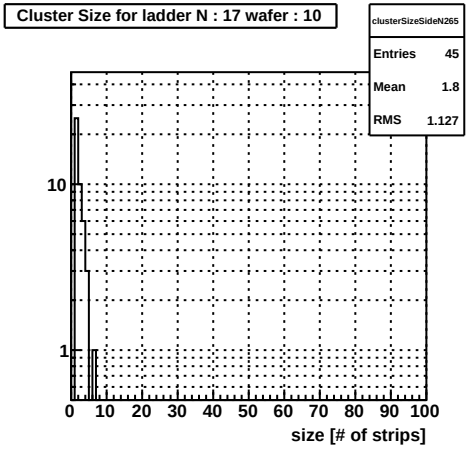

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3375
Mean 1.526
RMS 0.8847
size [# of strips]

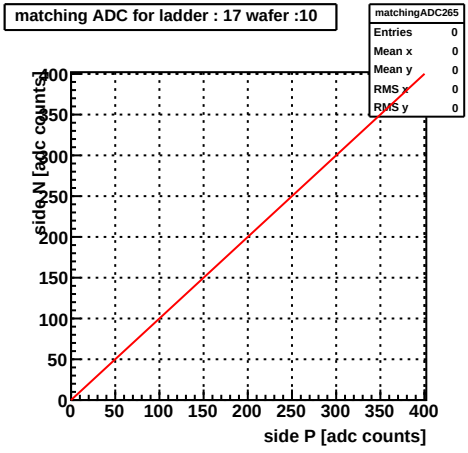

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1780
Mean x 70.84
Mean y 67.19
RMS x 60.1
RMS y 56.66
side N [adc counts]
side P [adc counts]

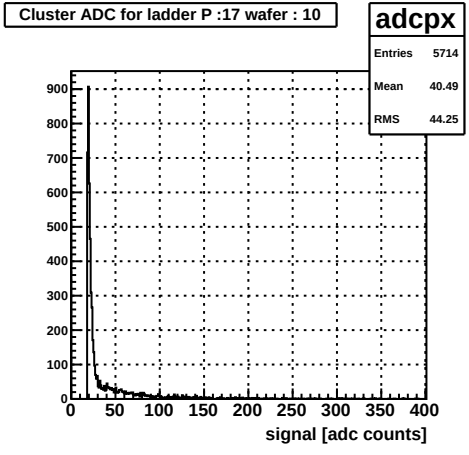

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18309
Mean 56.67
RMS 52.07
signal [adc counts]

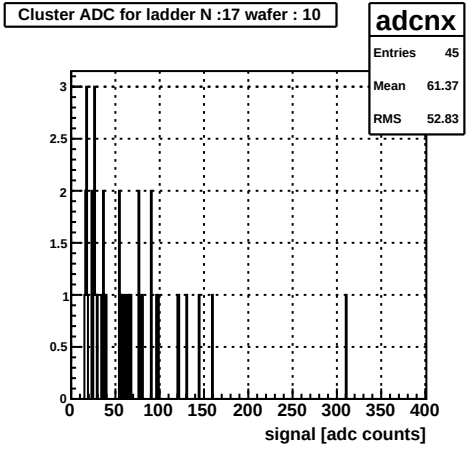

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3375
Mean 54.1
RMS 54.25
signal [adc counts]

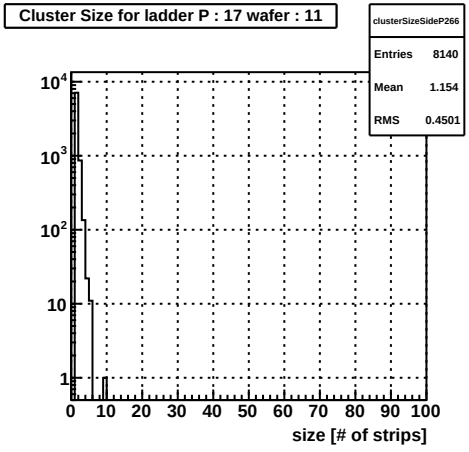

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5714
Mean 1.143
RMS 0.4658
size [# of strips]

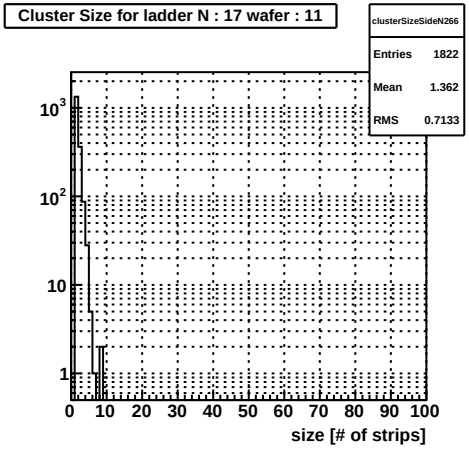

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 45
Mean 1.8
RMS 1.127
size [# of strips]

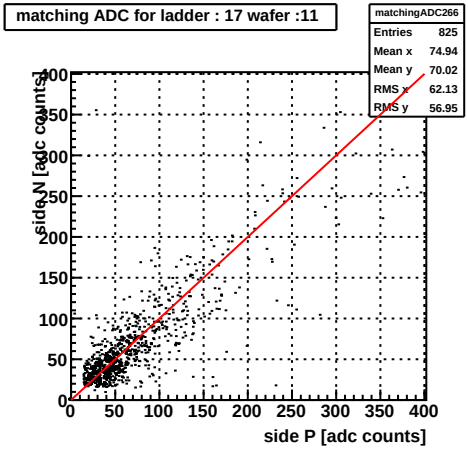

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

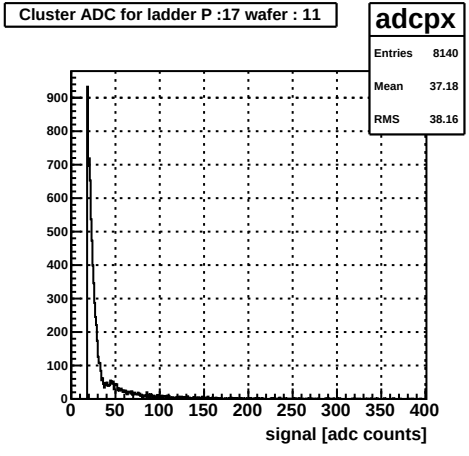

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5714
Mean 40.49
RMS 44.25
signal [adc counts]

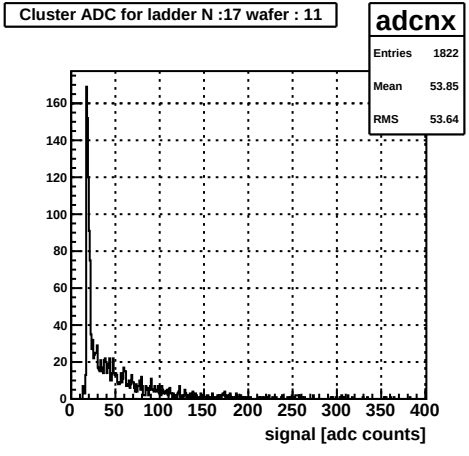

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 45
Mean 61.37
RMS 52.83
signal [adc counts]

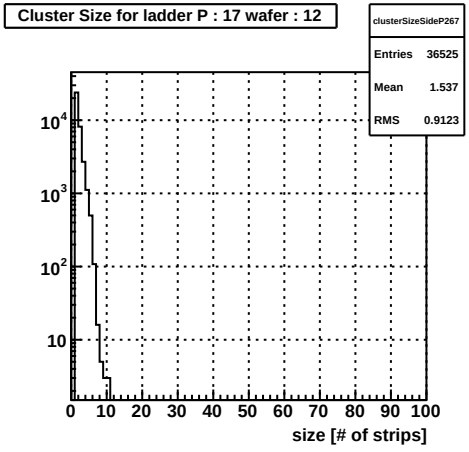

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8140
Mean 1.154
RMS 0.4501
size [# of strips]

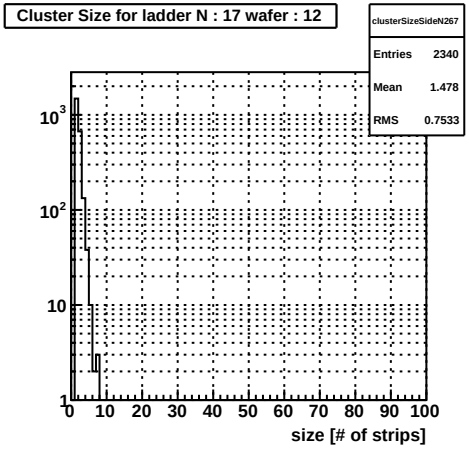

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1822
Mean 1.362
RMS 0.7133
size [# of strips]

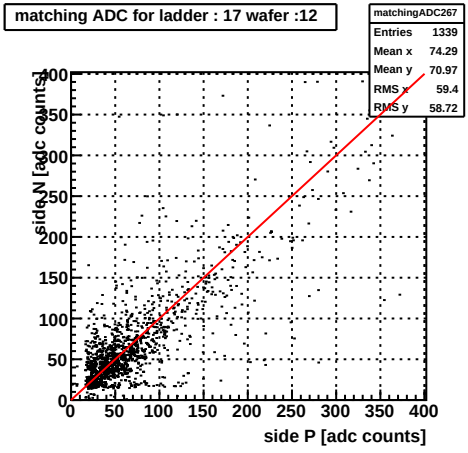

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 825
Mean x 74.94
Mean y 70.02
RMS x 62.13
RMS y 56.95
side N [adc counts]
side P [adc counts]

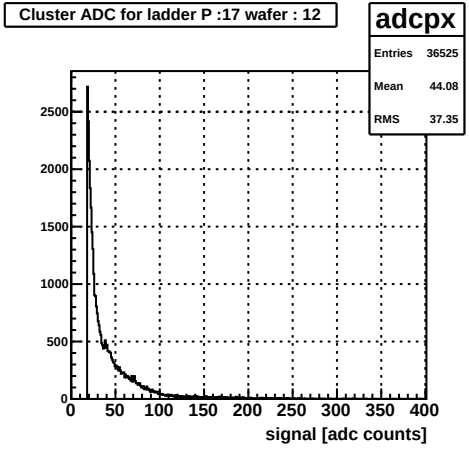

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8140
Mean 37.18
RMS 38.16
signal [adc counts]

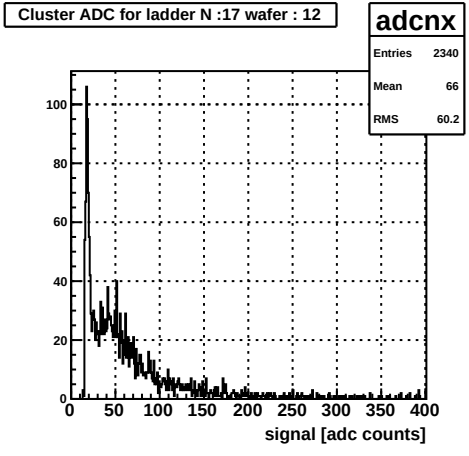

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1822
Mean 53.85
RMS 53.64
signal [adc counts]

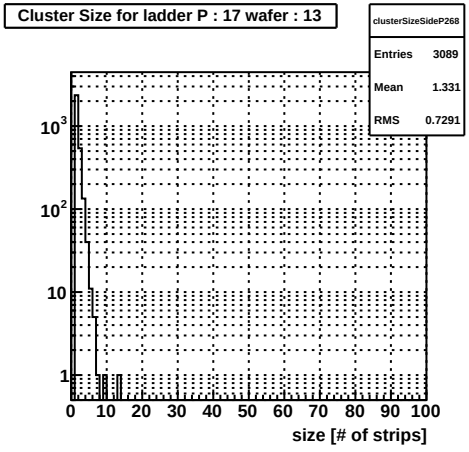

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 36525
Mean 1.537
RMS 0.9123
size [# of strips]

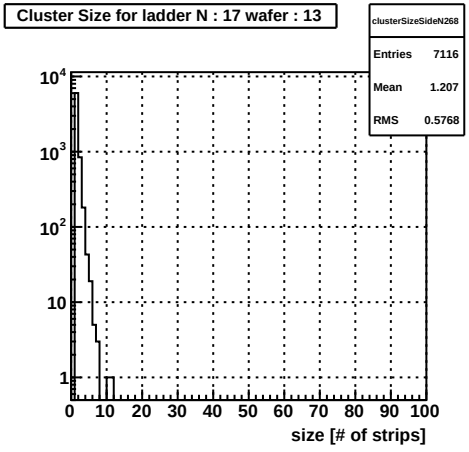

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2340
Mean 1.478
RMS 0.7533
size [# of strips]

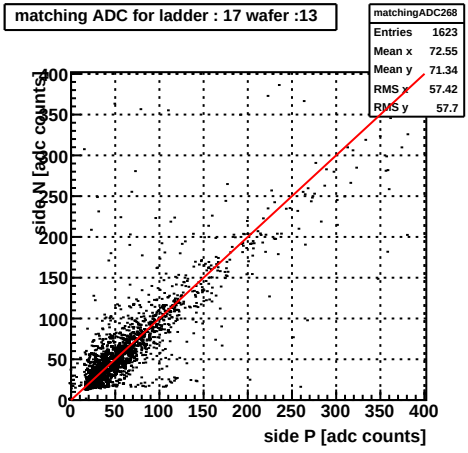

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1339
Mean x 74.29
Mean y 70.97
RMS x 59.4
RMS y 58.72
side N [adc counts]
side P [adc counts]

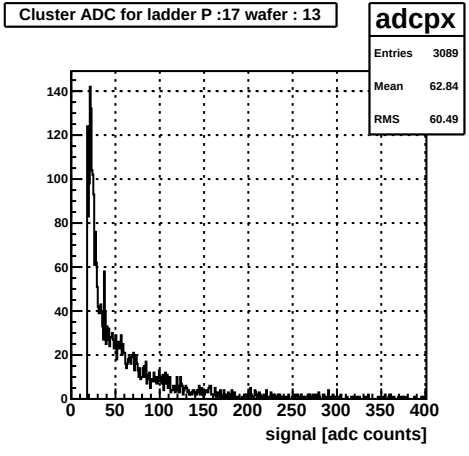

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 36525
Mean 44.08
RMS 37.35
signal [adc counts]

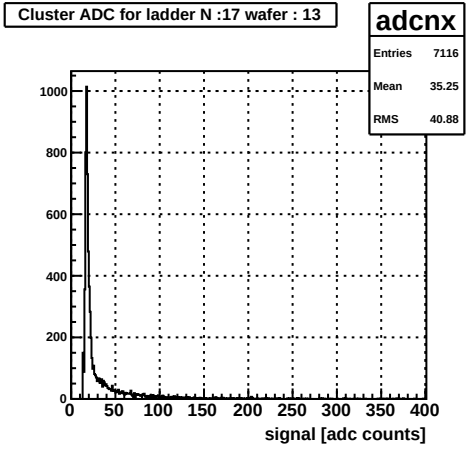

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2340
Mean 66
RMS 60.2
signal [adc counts]

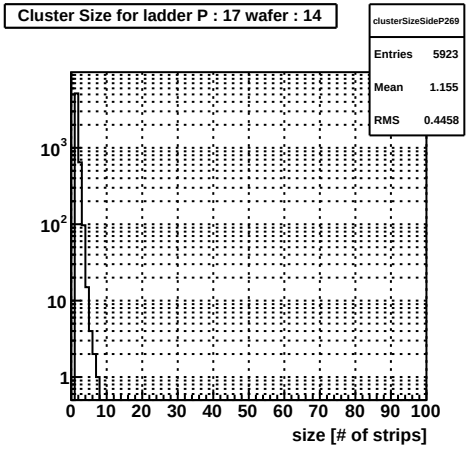

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3089
Mean 1.331
RMS 0.7291
size [# of strips]

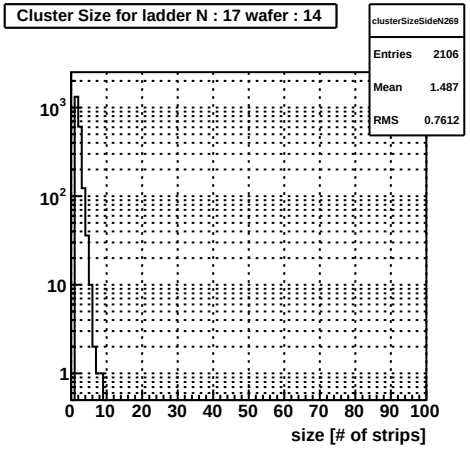

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 7116
Mean 1.207
RMS 0.5768
size [# of strips]

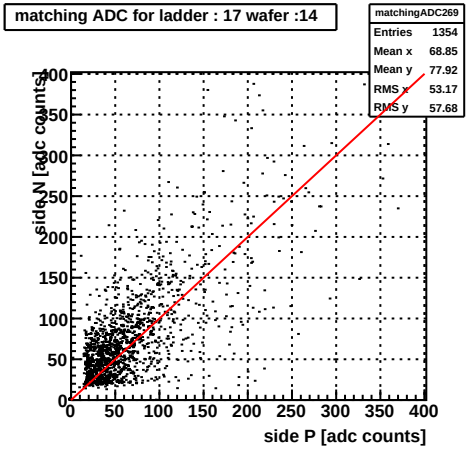

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1623
Mean x 72.55
Mean y 71.34
RMS x 57.42
RMS y 57.7
side N [adc counts]
side P [adc counts]

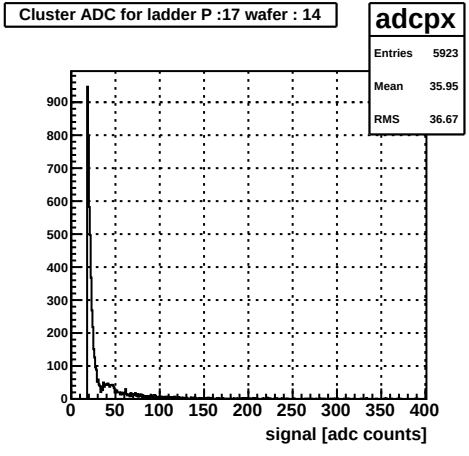

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3089
Mean 62.84
RMS 60.49
signal [adc counts]

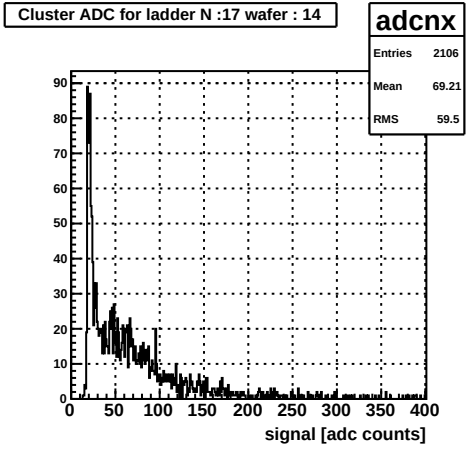

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 7116
Mean 35.25
RMS 40.88
signal [adc counts]

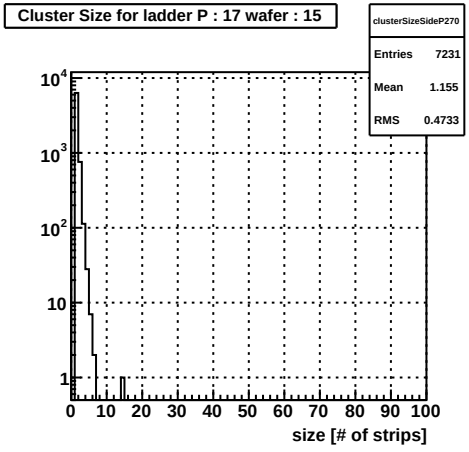

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 5923
Mean 1.155
RMS 0.4458
size [# of strips]

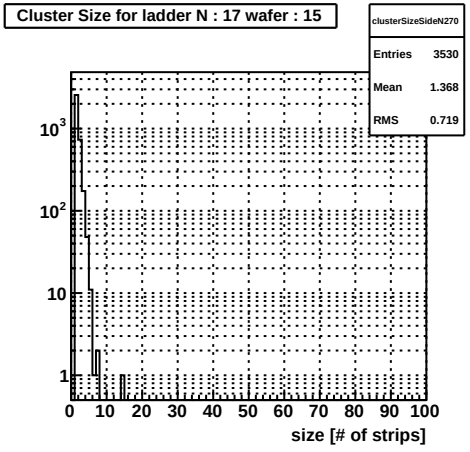

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2106
Mean 1.487
RMS 0.7612
size [# of strips]

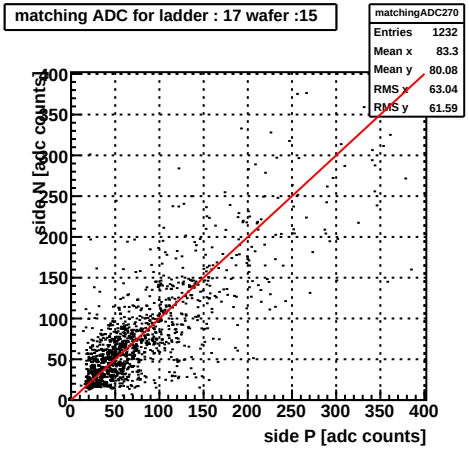

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1354
Mean x 68.85
Mean y 77.92
RMS x 53.17
RMS y 57.68
side N [adc counts]
side P [adc counts]

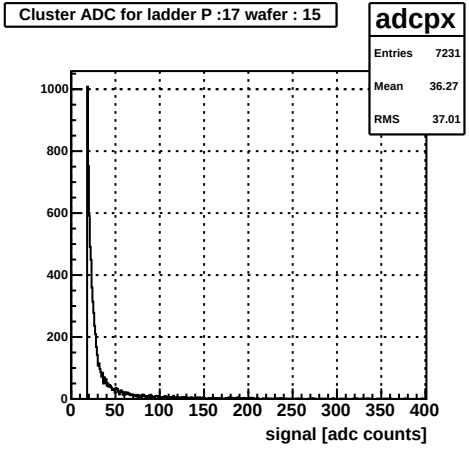

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 5923
Mean 35.95
RMS 36.67
signal [adc counts]

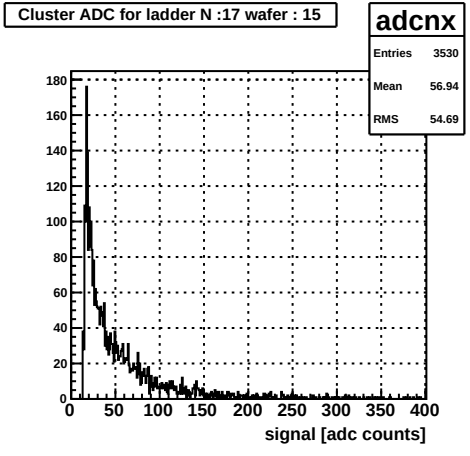

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2106
Mean 69.21
RMS 59.5
signal [adc counts]

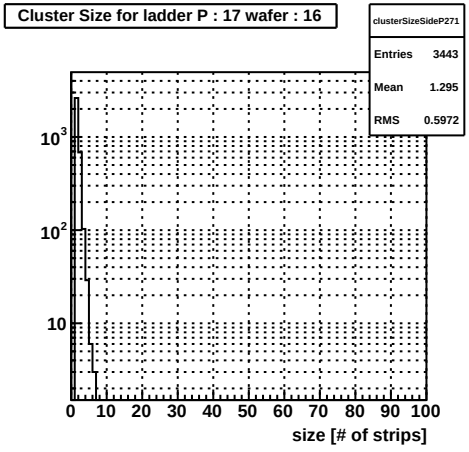

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7231
Mean 1.155
RMS 0.4733
size [# of strips]

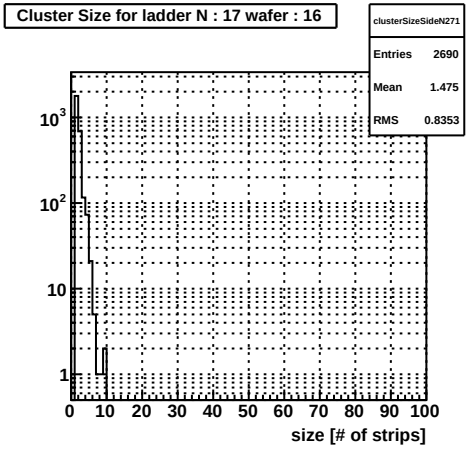

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3530
Mean 1.368
RMS 0.719
size [# of strips]

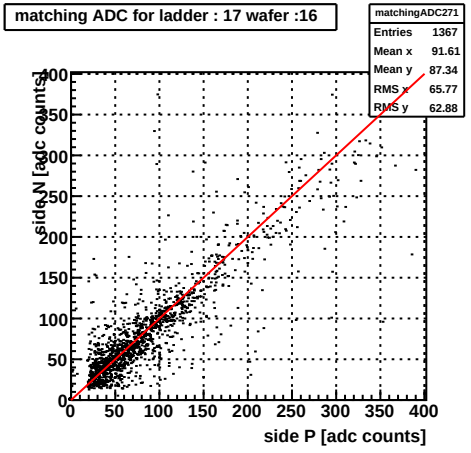

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1232
Mean x 83.3
Mean y 80.08
RMS x 63.04
RMS y 61.59
side N [adc counts]
side P [adc counts]

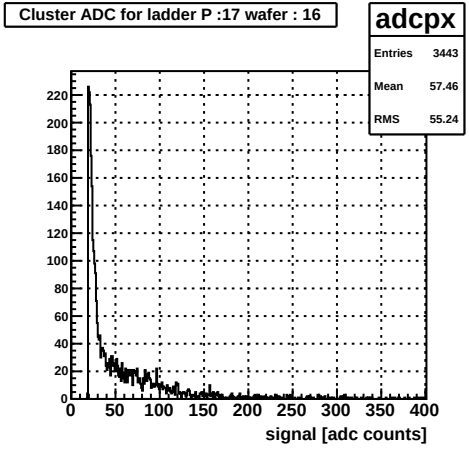

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7231
Mean 36.27
RMS 37.01
signal [adc counts]

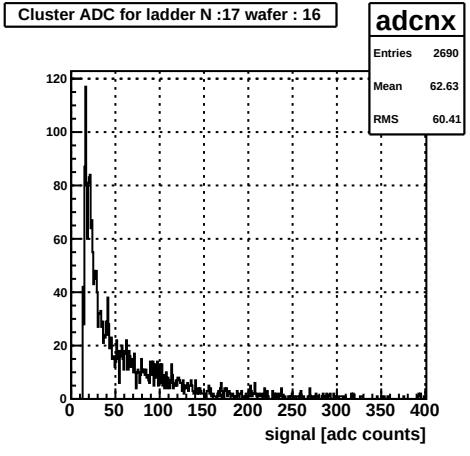

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3530
Mean 56.94
RMS 54.69
signal [adc counts]

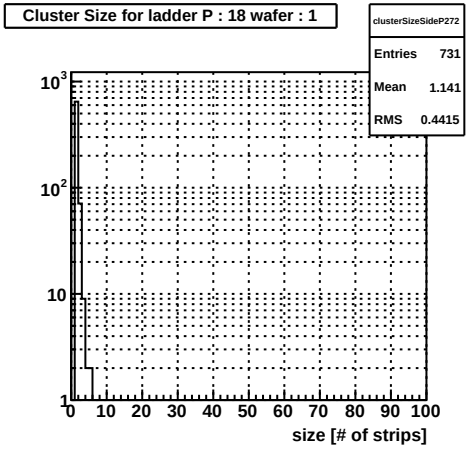

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3443
Mean 1.295
RMS 0.5972
size [# of strips]

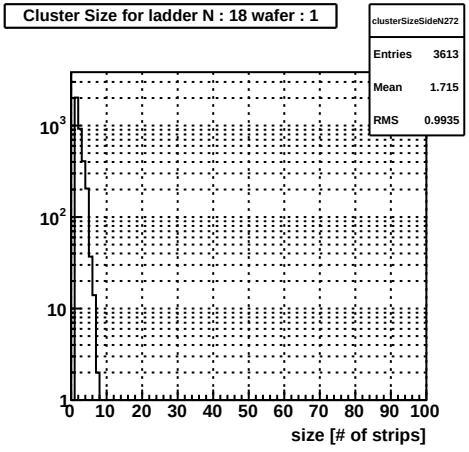

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2690
Mean 1.475
RMS 0.8353
size [# of strips]

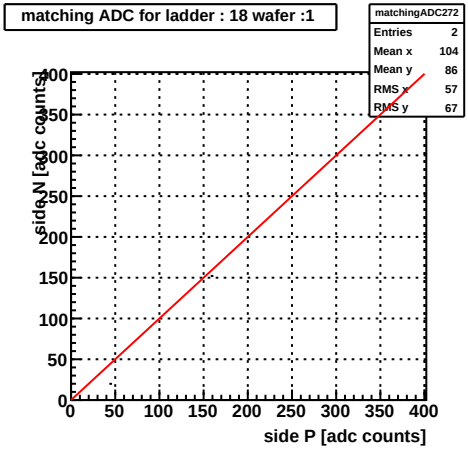

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1367
Mean x 91.61
Mean y 87.34
RMS x 65.77
RMS y 62.88
side N [adc counts]
side P [adc counts]

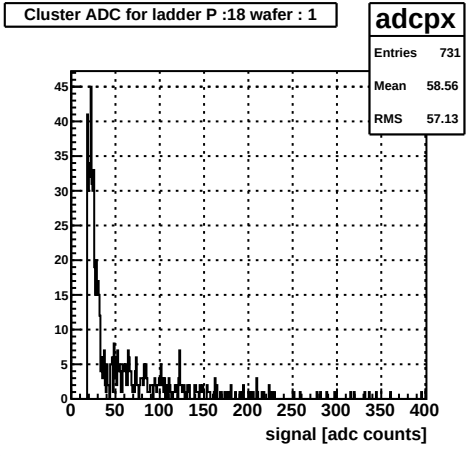

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3443
Mean 57.46
RMS 55.24
signal [adc counts]

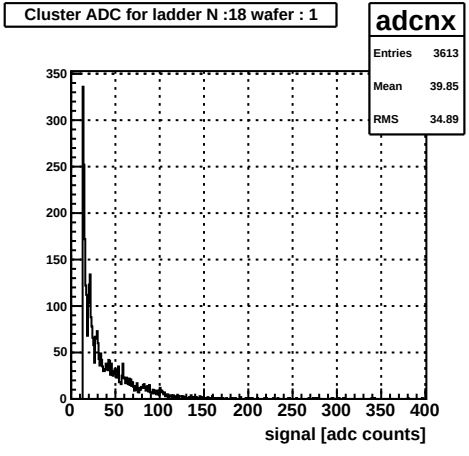

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2690
Mean 62.63
RMS 60.41
signal [adc counts]

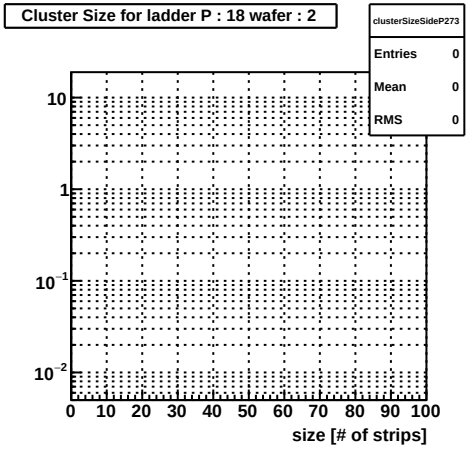

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 731
Mean 1.141
RMS 0.4415
size [# of strips]

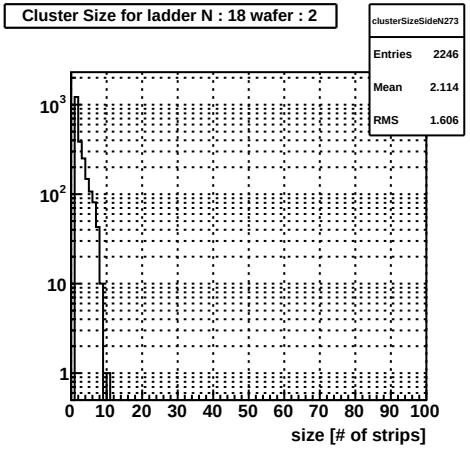

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3613
Mean 1.715
RMS 0.9935
size [# of strips]

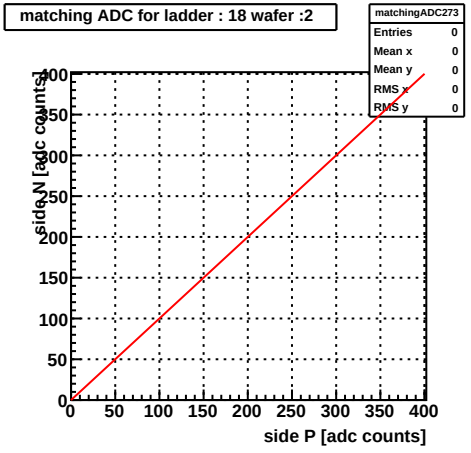

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 2
Mean x 104
Mean y 86
RMS x 57
RMS y 67
side N [adc counts]
side P [adc counts]

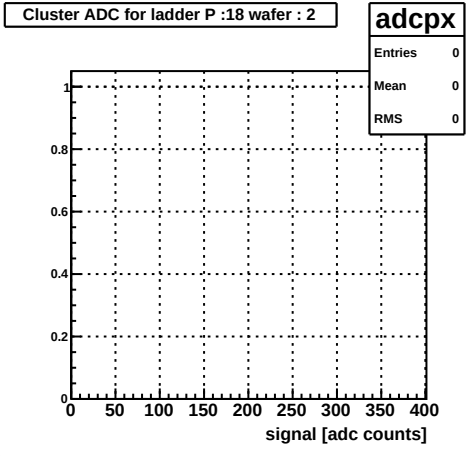

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 731
Mean 58.56
RMS 57.13
signal [adc counts]

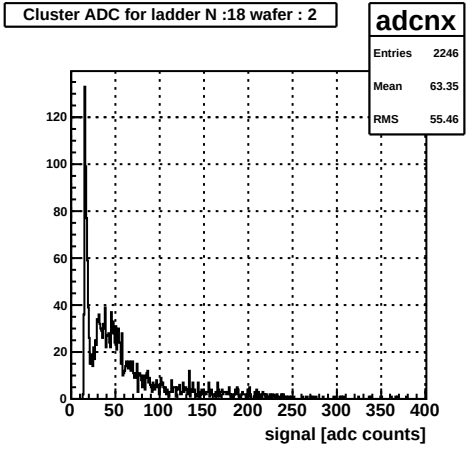

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3613
Mean 39.85
RMS 34.89
signal [adc counts]

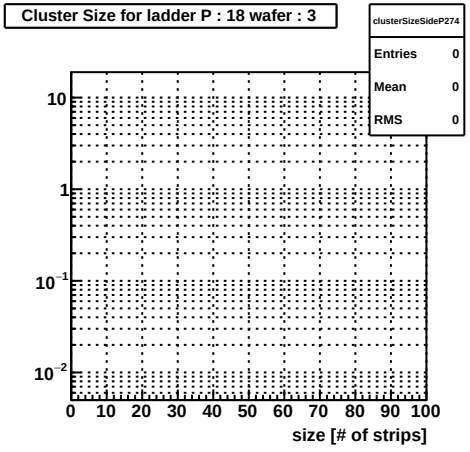

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

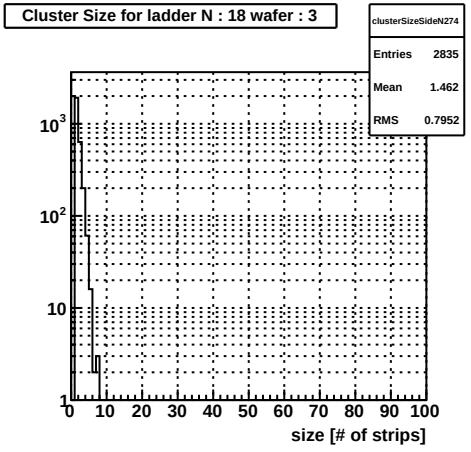

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2246
Mean 2.114
RMS 1.606
size [# of strips]

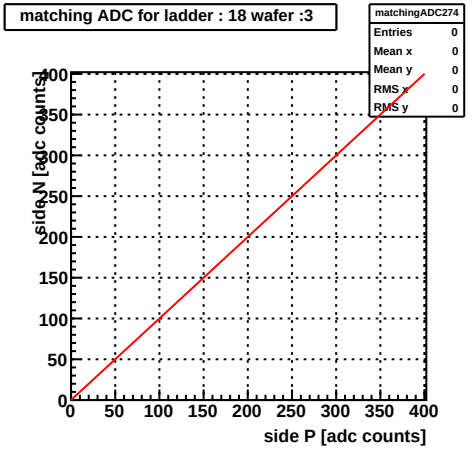

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

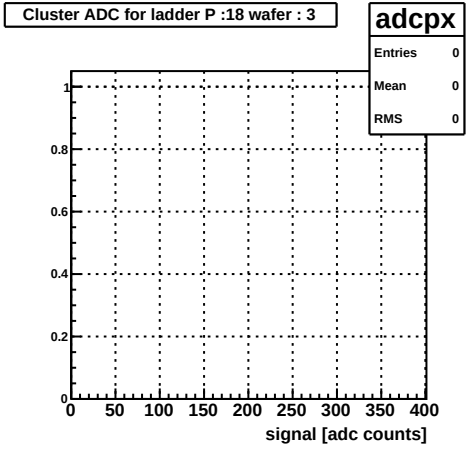

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

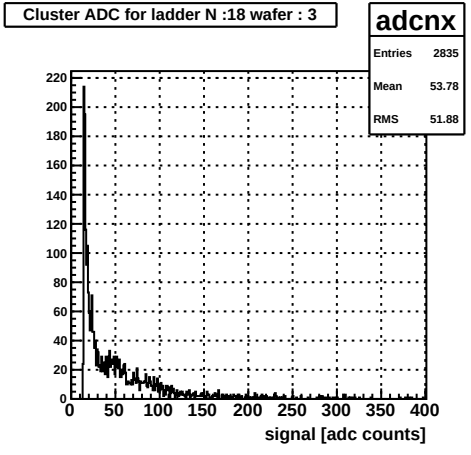

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2246
Mean 63.35
RMS 55.46
signal [adc counts]

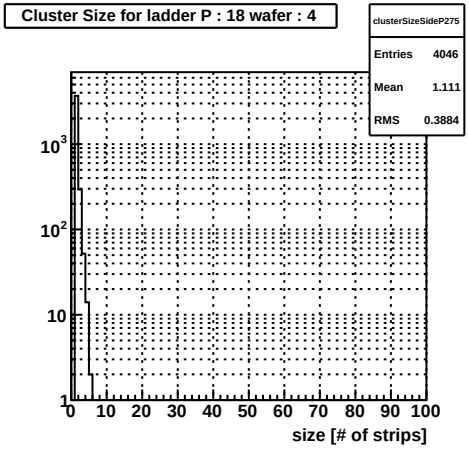

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

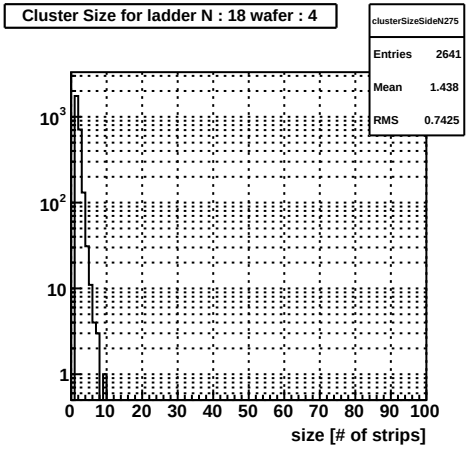

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2835
Mean 1.462
RMS 0.7952
size [# of strips]

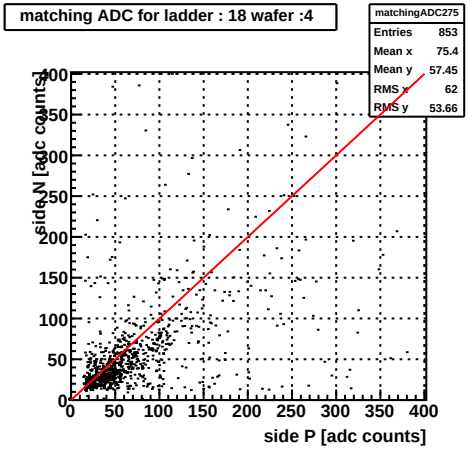

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

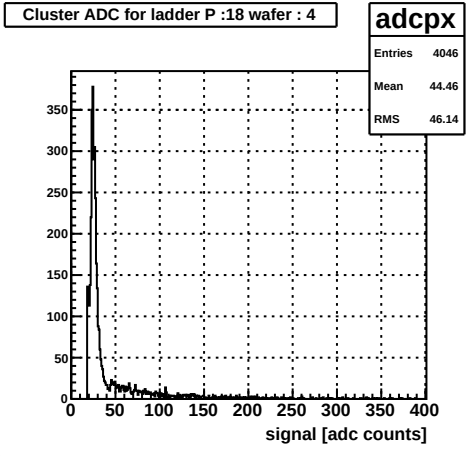

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

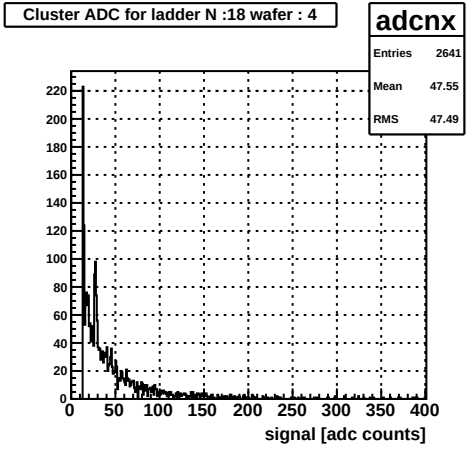

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2835
Mean 53.78
RMS 51.88
signal [adc counts]

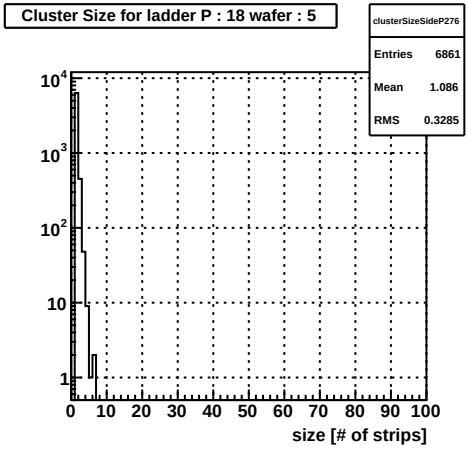

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4046
Mean 1.111
RMS 0.3884
size [# of strips]

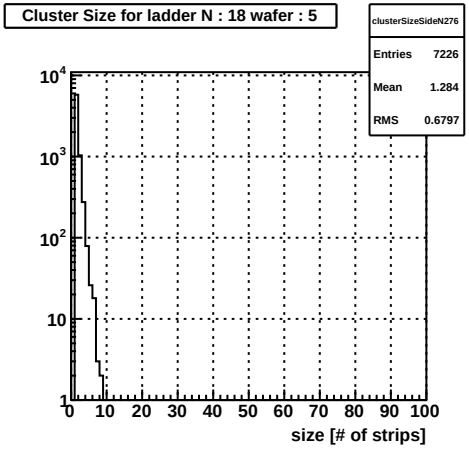

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2641
Mean 1.438
RMS 0.7425
size [# of strips]

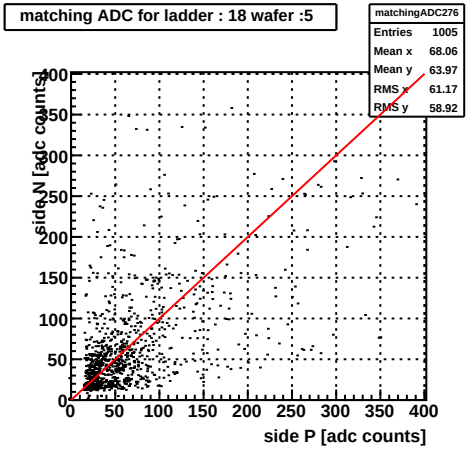

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 853
Mean x 75.4
Mean y 57.45
RMS x 62
RMS y 53.66
side N [adc counts]
side P [adc counts]

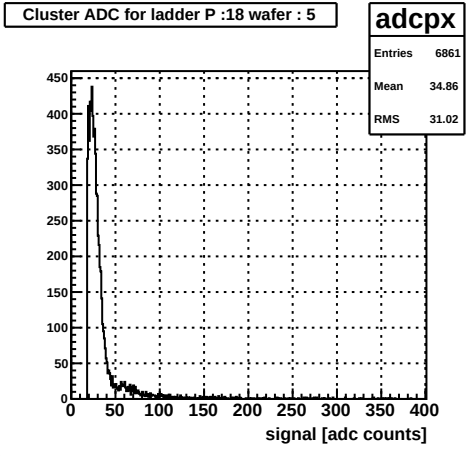

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4046
Mean 44.46
RMS 46.14
signal [adc counts]

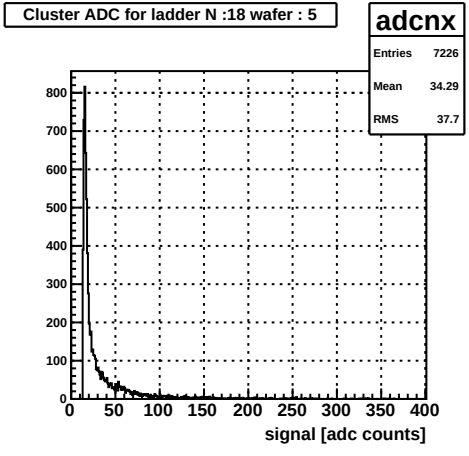

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2641
Mean 47.55
RMS 47.49
signal [adc counts]

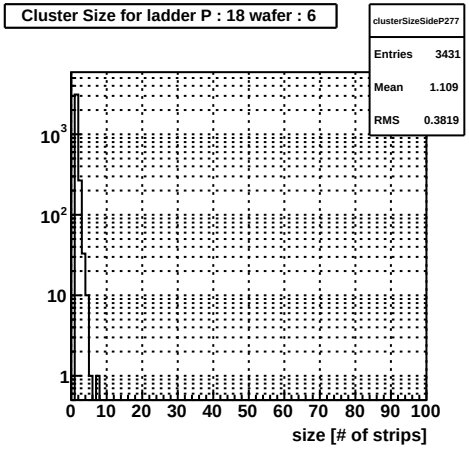

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6861
Mean 1.086
RMS 0.3285
size [# of strips]

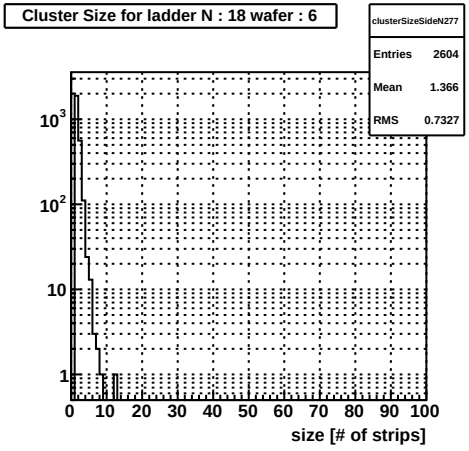

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7226
Mean 1.284
RMS 0.6797
size [# of strips]

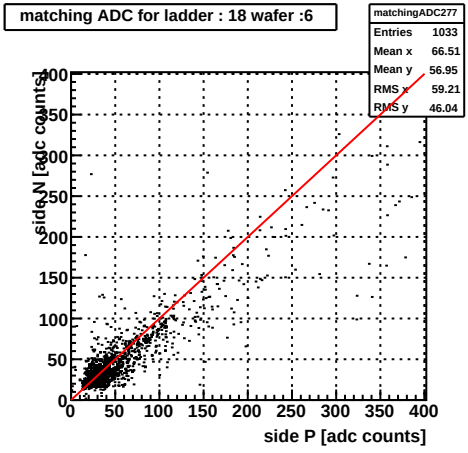

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1005
Mean x 68.06
Mean y 63.97
RMS x 61.17
RMS y 58.92
side N [adc counts]
side P [adc counts]

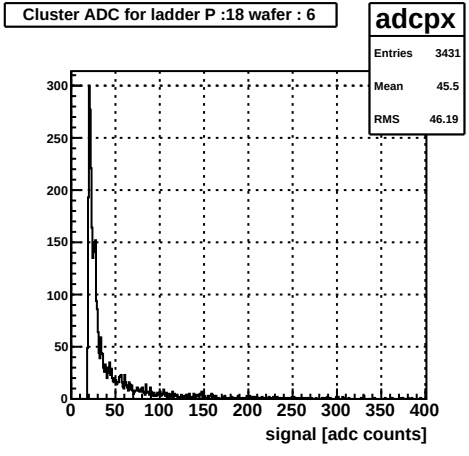

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6861
Mean 34.86
RMS 31.02
signal [adc counts]

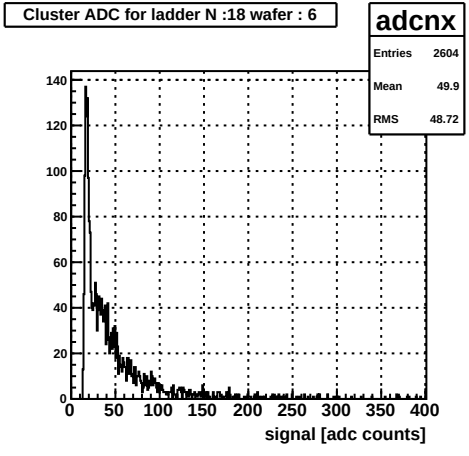

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7226
Mean 34.29
RMS 37.7
signal [adc counts]

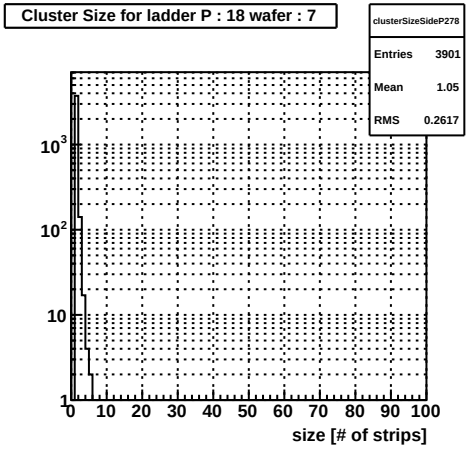

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3431
Mean 1.109
RMS 0.3819
size [# of strips]

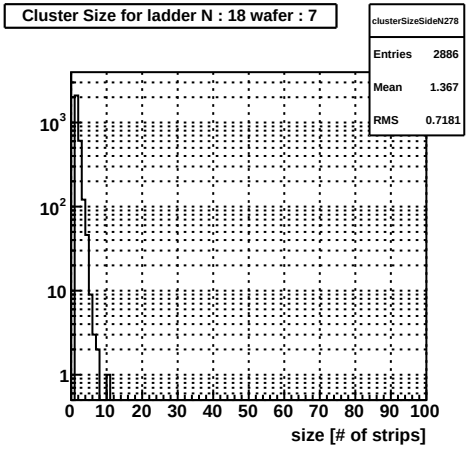

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2604
Mean 1.366
RMS 0.7327
size [# of strips]

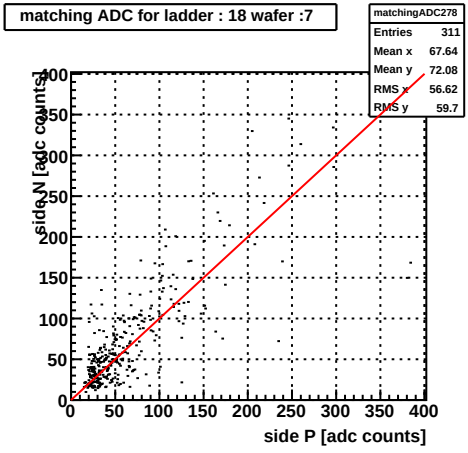

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1033
Mean x 66.51
Mean y 56.95
RMS x 59.21
RMS y 46.04
side N [adc counts]
side P [adc counts]

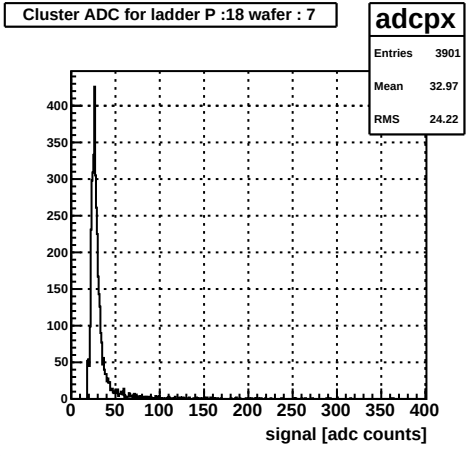

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3431
Mean 45.5
RMS 46.19
signal [adc counts]

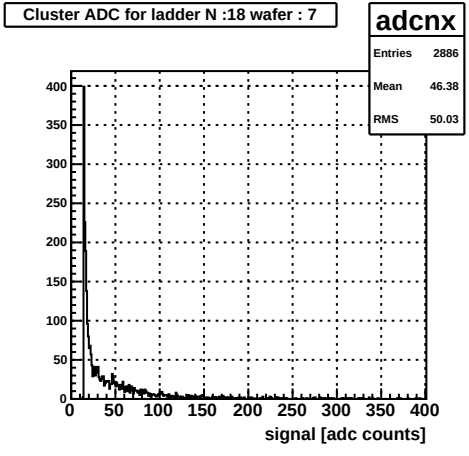

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2604
Mean 49.9
RMS 48.72
signal [adc counts]

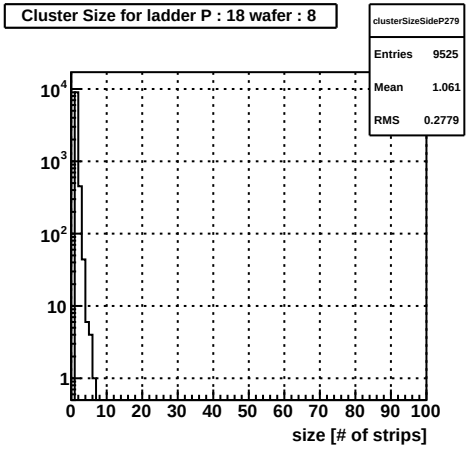

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3901
Mean 1.05
RMS 0.2617
size [# of strips]

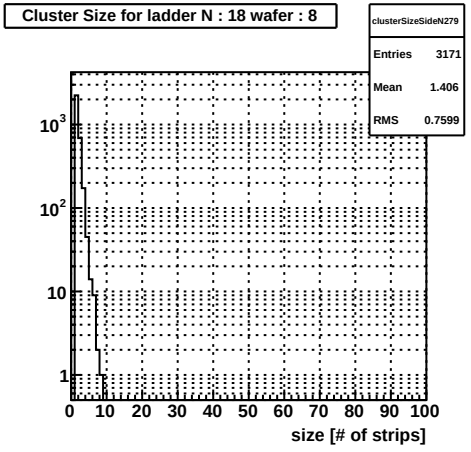

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2886
Mean 1.367
RMS 0.7181
size [# of strips]

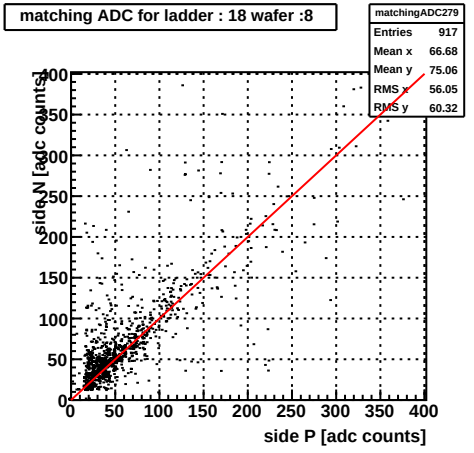

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 311
Mean x 67.64
Mean y 72.08
RMS x 56.62
RMS y 59.7
side N [adc counts]
side P [adc counts]

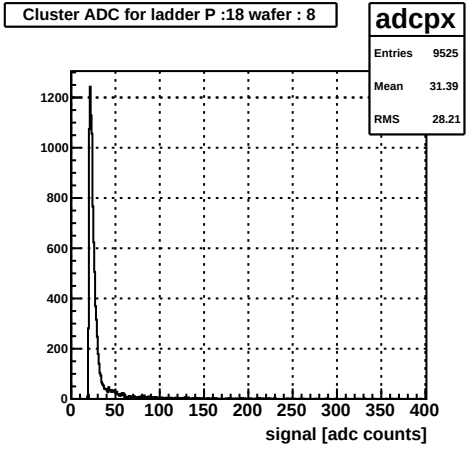

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3901
Mean 32.97
RMS 24.22
signal [adc counts]

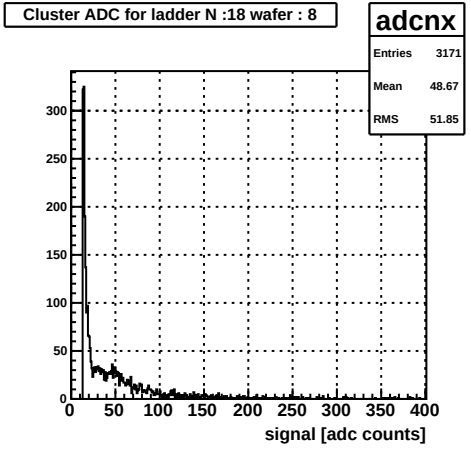

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2886
Mean 46.38
RMS 50.03
signal [adc counts]

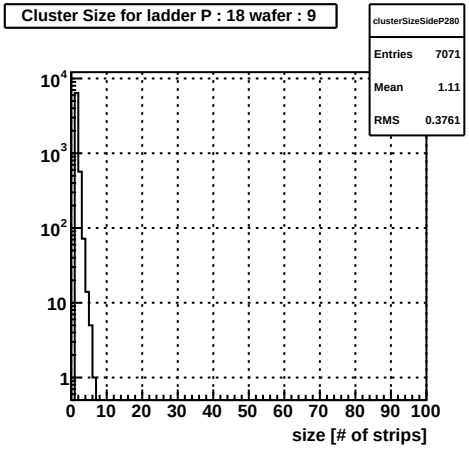

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 9525
Mean 1.061
RMS 0.2779
size [# of strips]

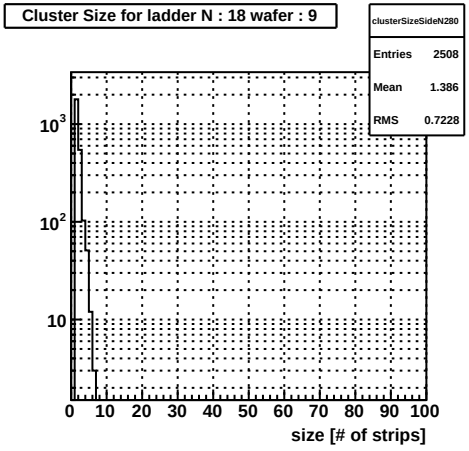

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3171
Mean 1.406
RMS 0.7599
size [# of strips]

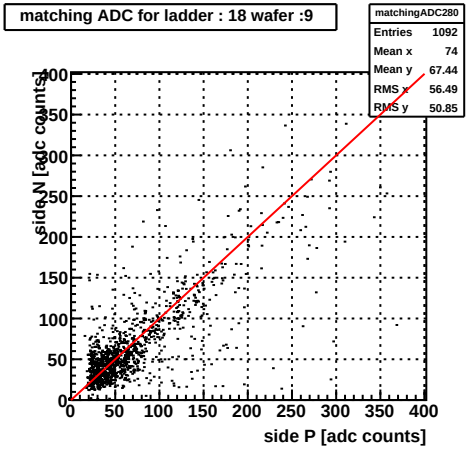

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 917
Mean x 66.68
Mean y 75.06
RMS x 56.05
RMS y 60.32
side N [adc counts]
side P [adc counts]

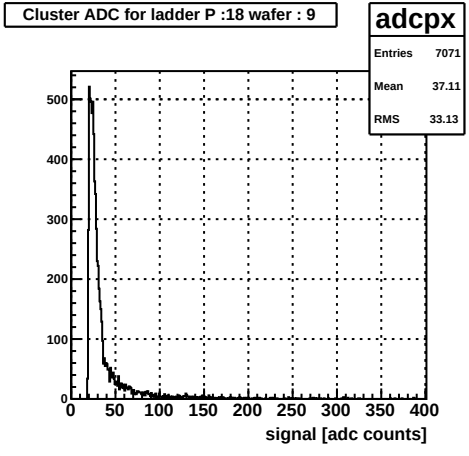

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 9525
Mean 31.39
RMS 28.21
signal [adc counts]

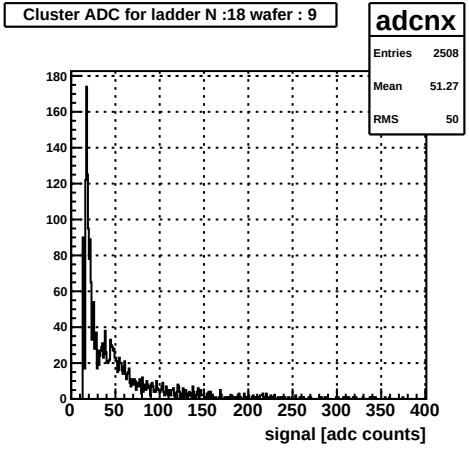

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3171
Mean 48.67
RMS 51.85
signal [adc counts]

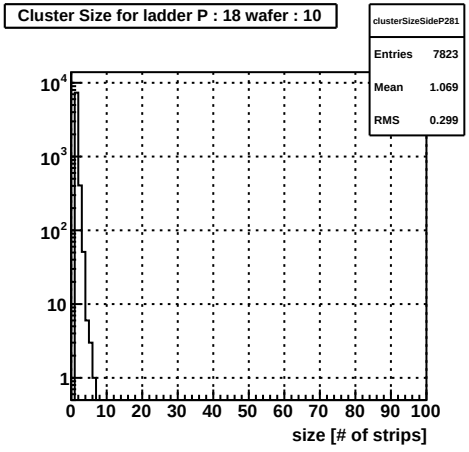

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7071
Mean 1.11
RMS 0.3761
size [# of strips]

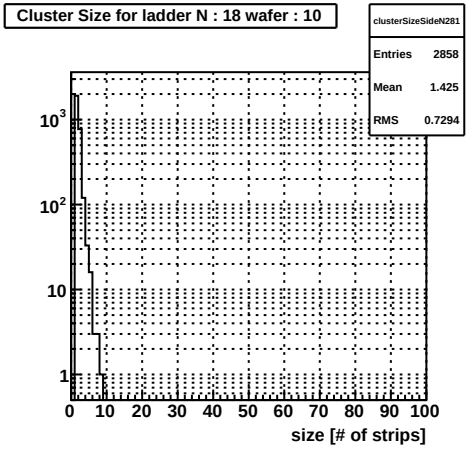

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2508
Mean 1.386
RMS 0.7228
size [# of strips]

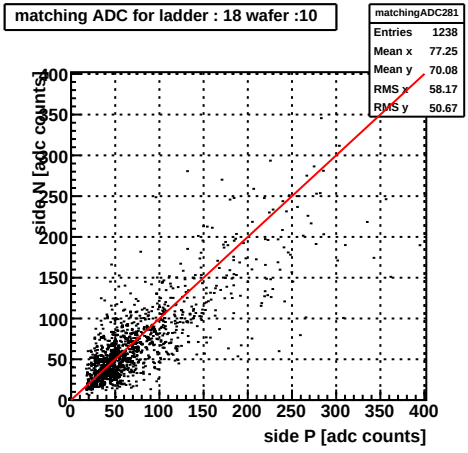

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1092
Mean x 74
Mean y 67.44
RMS x 56.49
RMS y 50.85
side N [adc counts]
side P [adc counts]

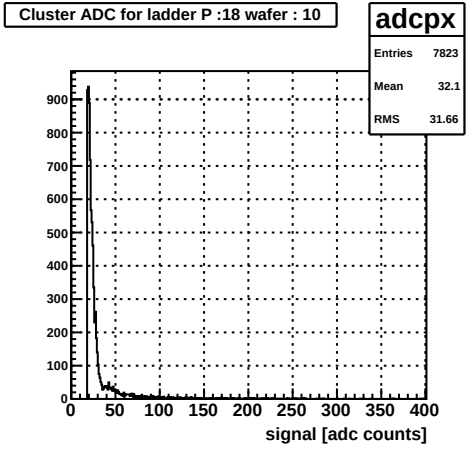

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7071
Mean 37.11
RMS 33.13
signal [adc counts]

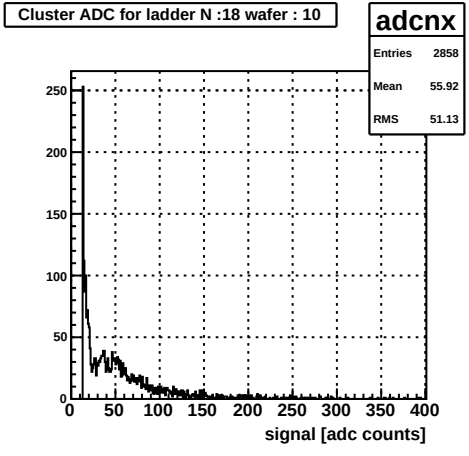

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2508
Mean 51.27
RMS 50
signal [adc counts]

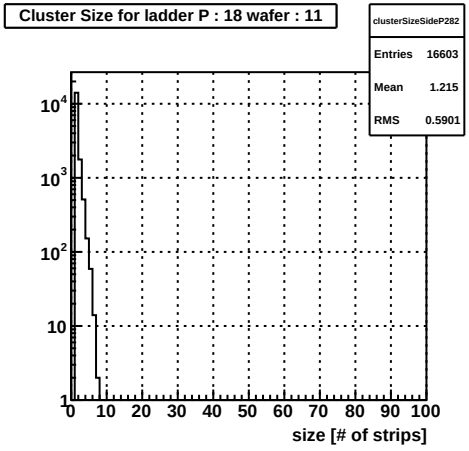

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7823
Mean 1.069
RMS 0.299
size [# of strips]

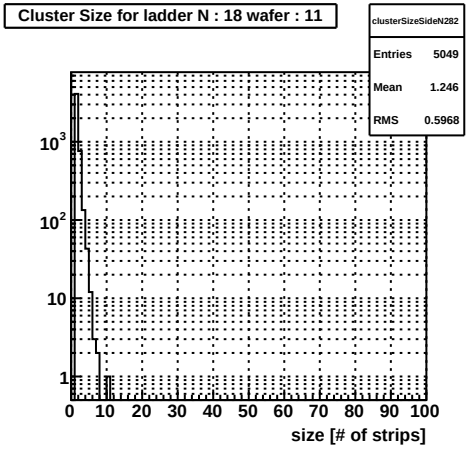

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2858
Mean 1.425
RMS 0.7294
size [# of strips]

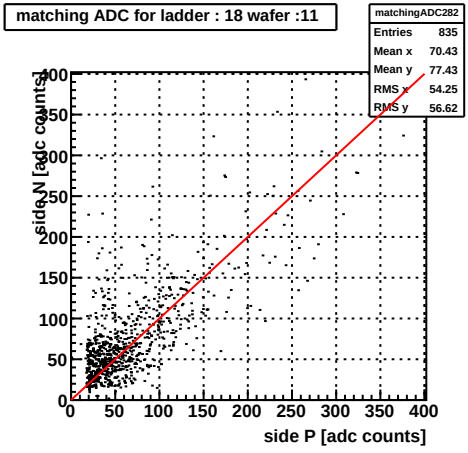

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1238
Mean x 77.25
Mean y 70.08
RMS x 58.17
RMS y 50.67
side N [adc counts]
side P [adc counts]

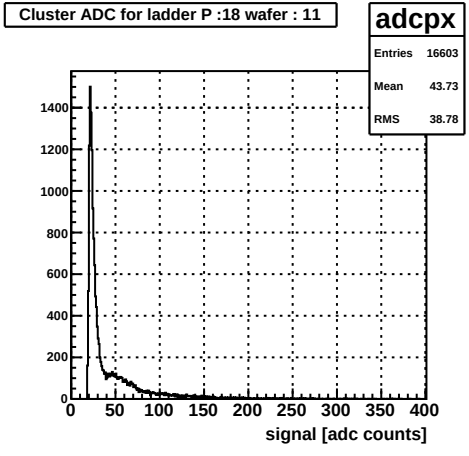

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7823
Mean 32.1
RMS 31.66
signal [adc counts]

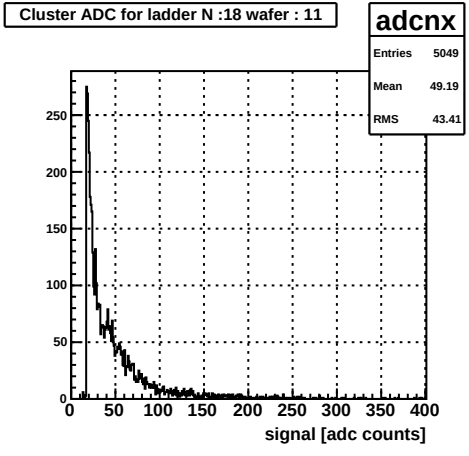

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2858
Mean 55.92
RMS 51.13
signal [adc counts]

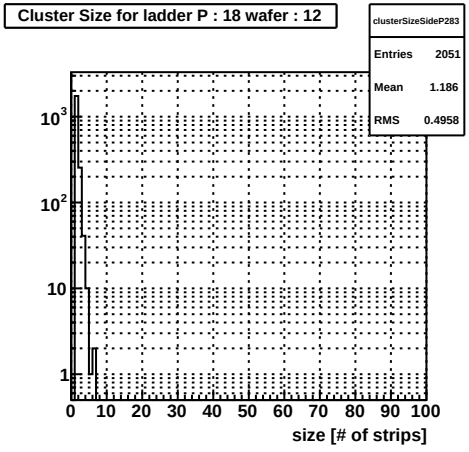

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 16603
Mean 1.215
RMS 0.5901
size [# of strips]

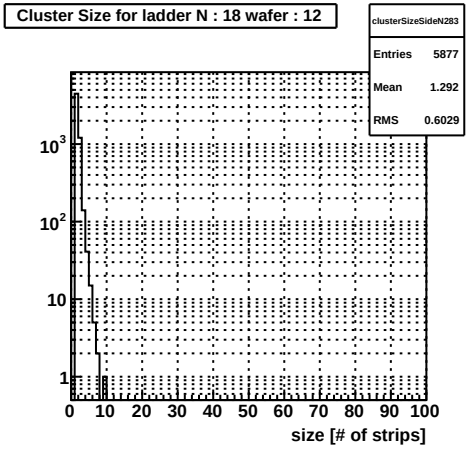

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 5049
Mean 1.246
RMS 0.5968
size [# of strips]

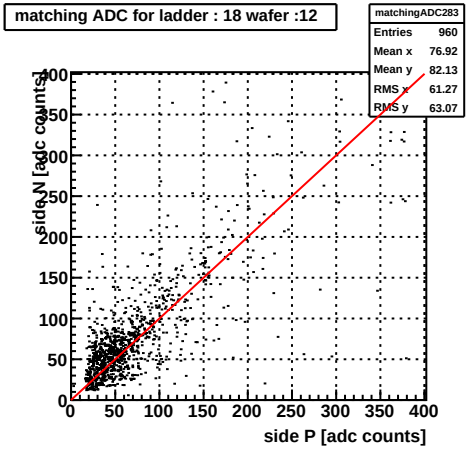

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 835
Mean x 70.43
Mean y 77.43
RMS x 54.25
RMS y 56.62
side N [adc counts]
side P [adc counts]

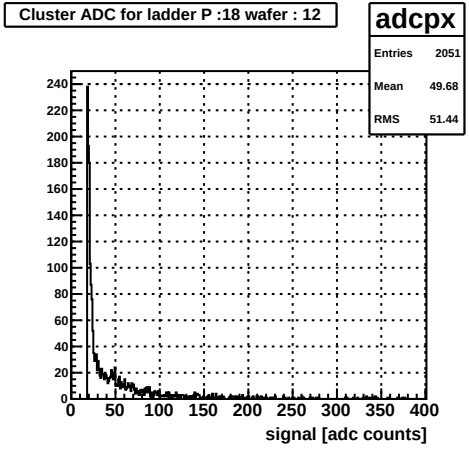

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 16603
Mean 43.73
RMS 38.78
signal [adc counts]

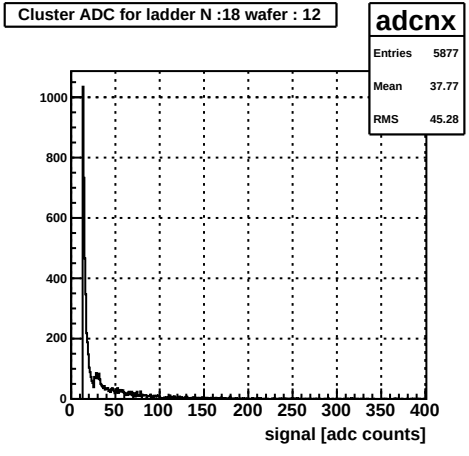

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 5049
Mean 49.19
RMS 43.41
signal [adc counts]

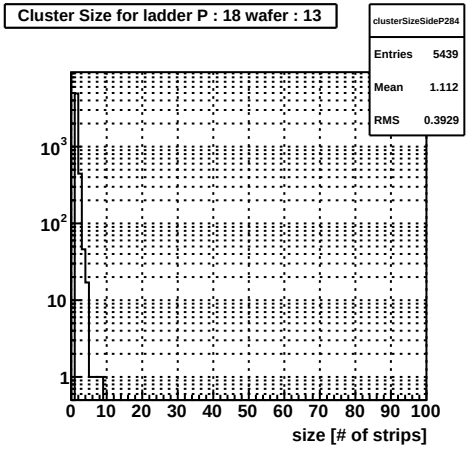

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2051
Mean 1.186
RMS 0.4958
size [# of strips]

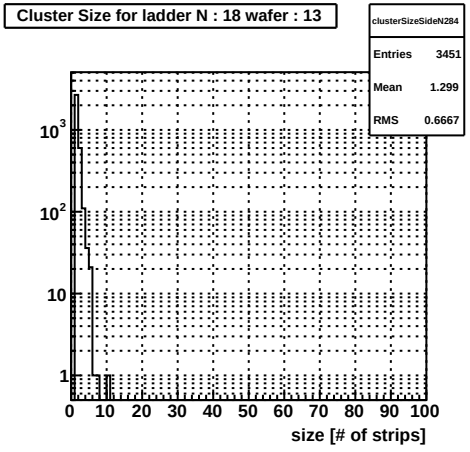

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 5877
Mean 1.292
RMS 0.6029
size [# of strips]

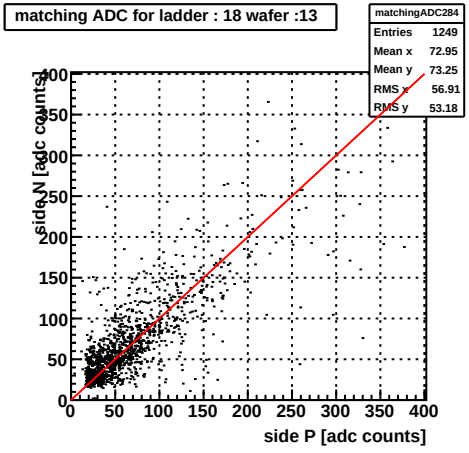

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 960
Mean x 76.92
Mean y 82.13
RMS x 61.27
RMS y 63.07
side N [adc counts]
side P [adc counts]

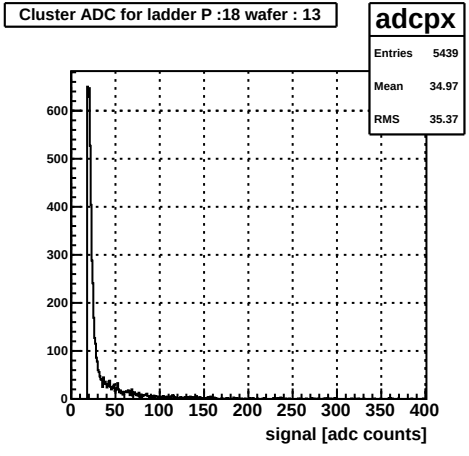

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2051
Mean 49.68
RMS 51.44
signal [adc counts]

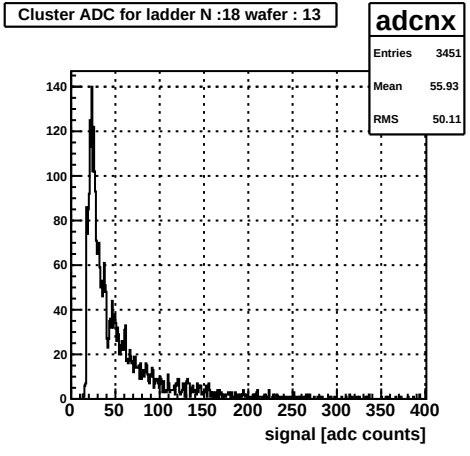

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 5877
Mean 37.77
RMS 45.28
signal [adc counts]

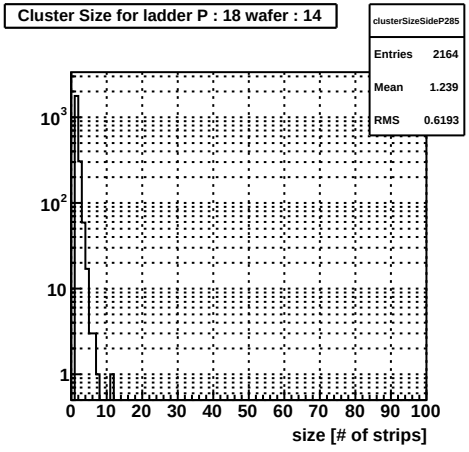

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5439
Mean 1.112
RMS 0.3929
size [# of strips]

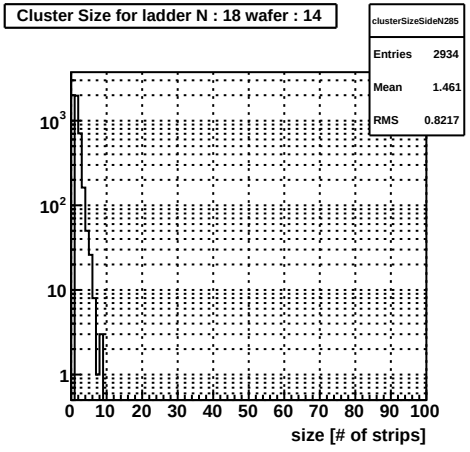

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3451
Mean 1.299
RMS 0.6667
size [# of strips]

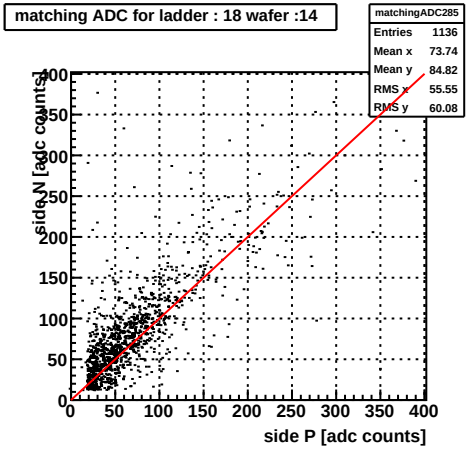

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1249
Mean x 72.95
Mean y 73.25
RMS x 56.91
RMS y 53.18
side N [adc counts]
side P [adc counts]

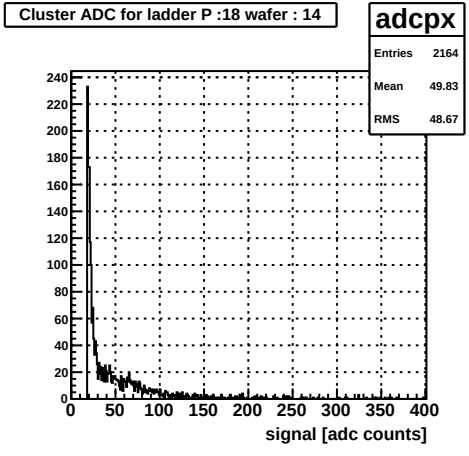

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5439
Mean 34.97
RMS 35.37
signal [adc counts]

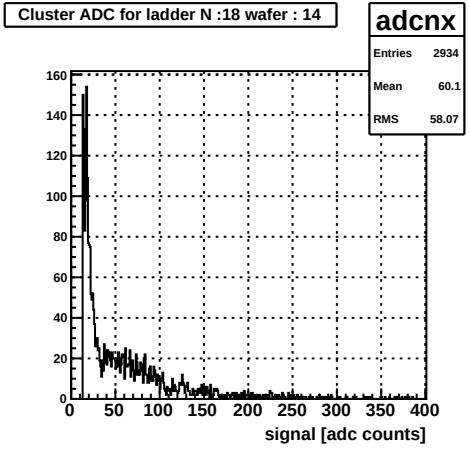

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3451
Mean 55.93
RMS 50.11
signal [adc counts]

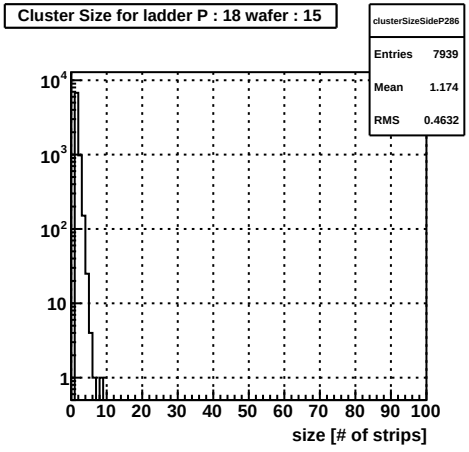

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2164
Mean 1.239
RMS 0.6193
size [# of strips]

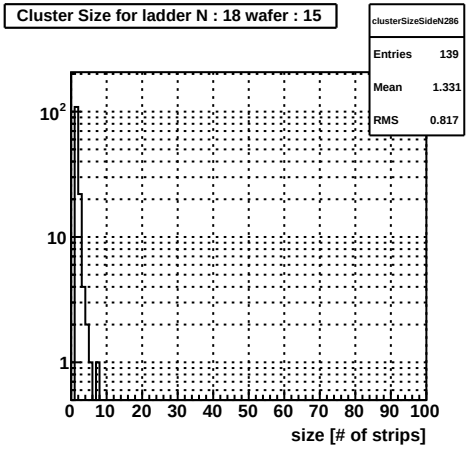

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2934
Mean 1.461
RMS 0.8217
size [# of strips]

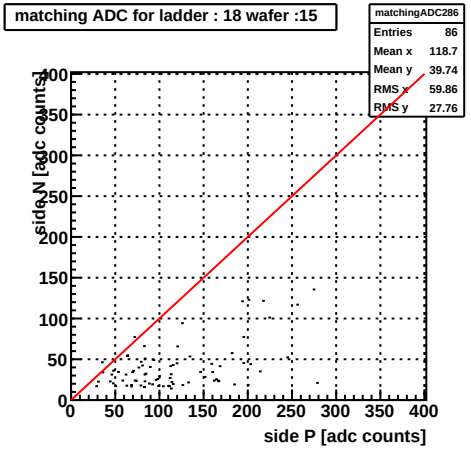

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1136
Mean x 73.74
Mean y 84.82
RMS x 55.55
RMS y 60.08
side N [adc counts]
side P [adc counts]

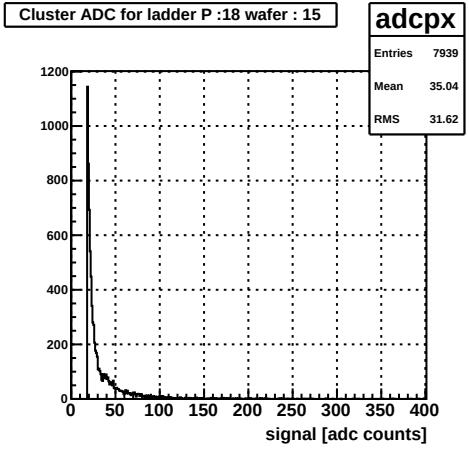

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2164
Mean 49.83
RMS 48.67
signal [adc counts]

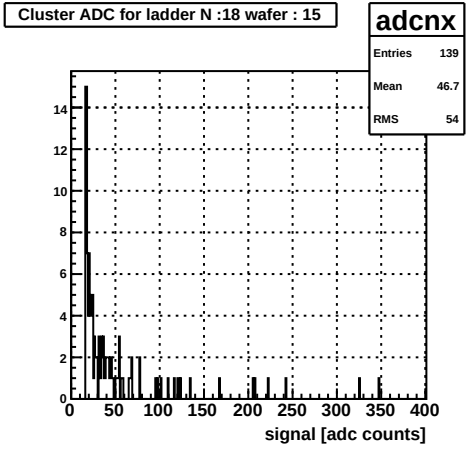

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2934
Mean 60.1
RMS 58.07
signal [adc counts]

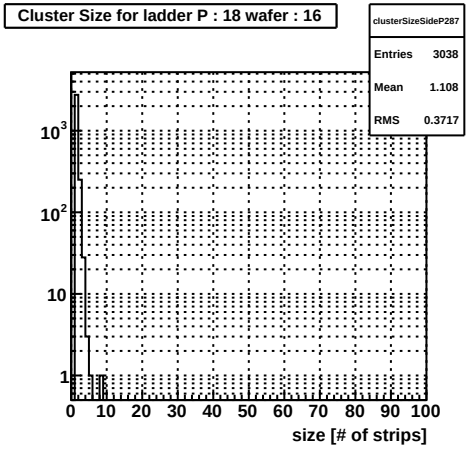

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7939
Mean 1.174
RMS 0.4632
size [# of strips]

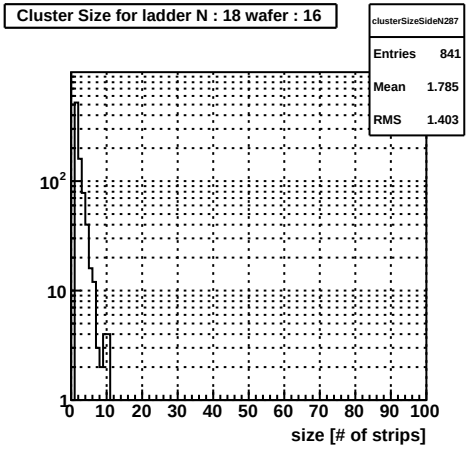

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 139
Mean 1.331
RMS 0.817
size [# of strips]

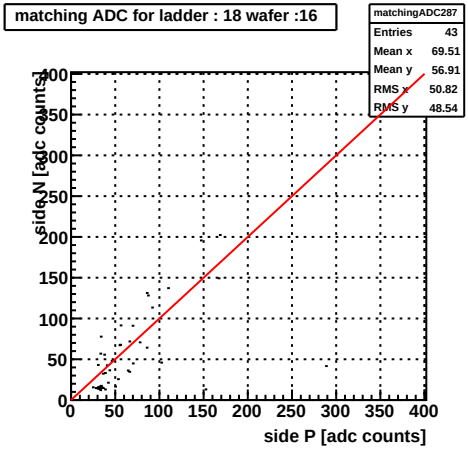

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 86
Mean x 118.7
Mean y 39.74
RMS x 59.86
RMS y 27.76
side N [adc counts]
side P [adc counts]

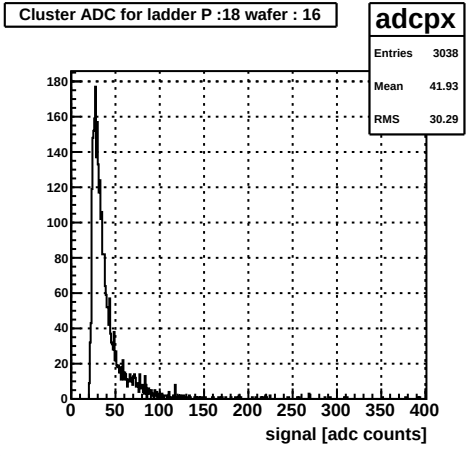

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7939
Mean 35.04
RMS 31.62
signal [adc counts]

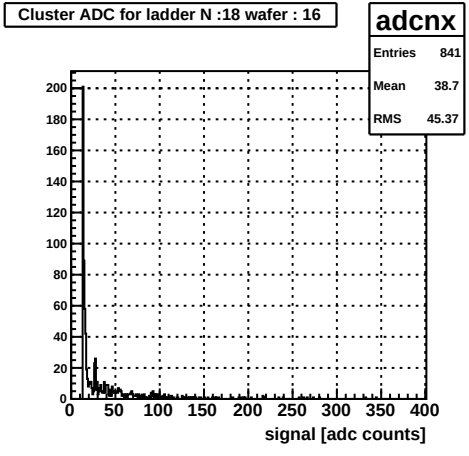

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 139
Mean 46.7
RMS 54
signal [adc counts]

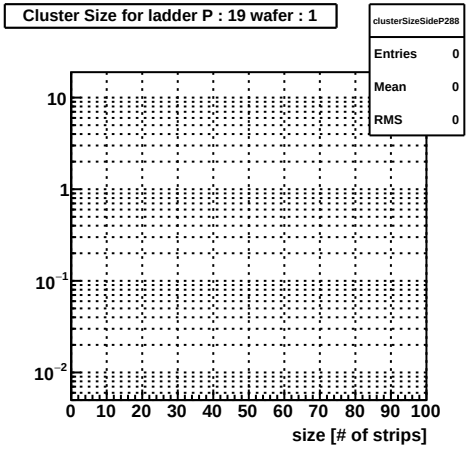

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3038
Mean 1.108
RMS 0.3717
size [# of strips]

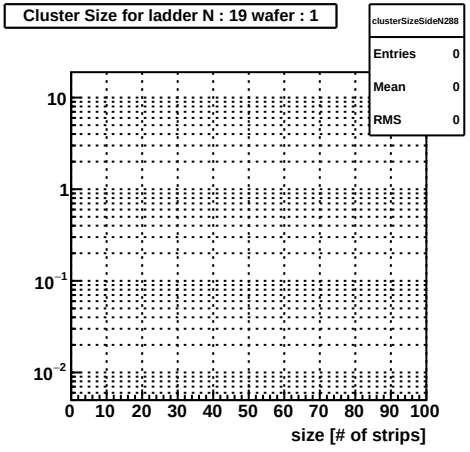

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 841
Mean 1.785
RMS 1.403
size [# of strips]

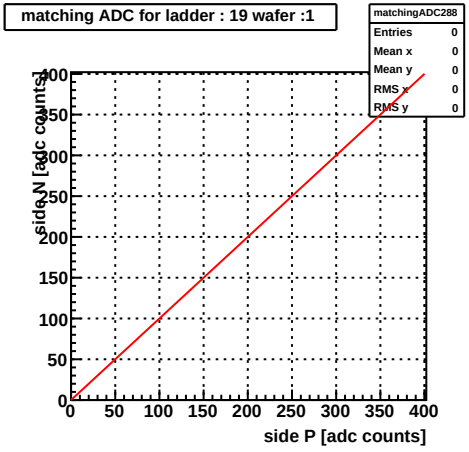

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 43
Mean x 69.51
Mean y 56.91
RMS x 50.82
RMS y 48.54
side N [adc counts]
side P [adc counts]

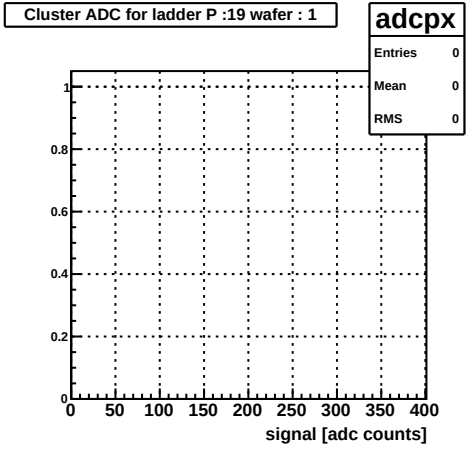

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3038
Mean 41.93
RMS 30.29
signal [adc counts]

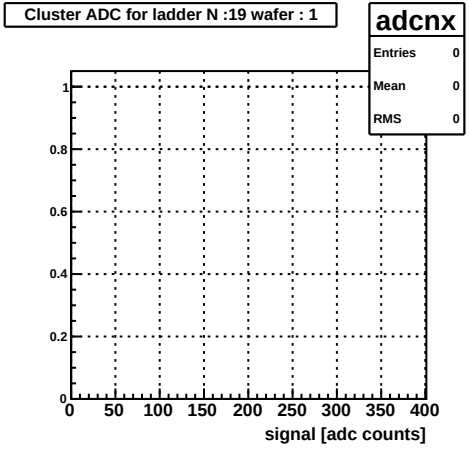

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 841
Mean 38.7
RMS 45.37
signal [adc counts]

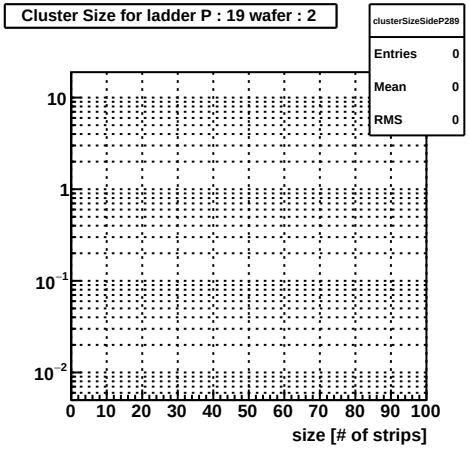

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

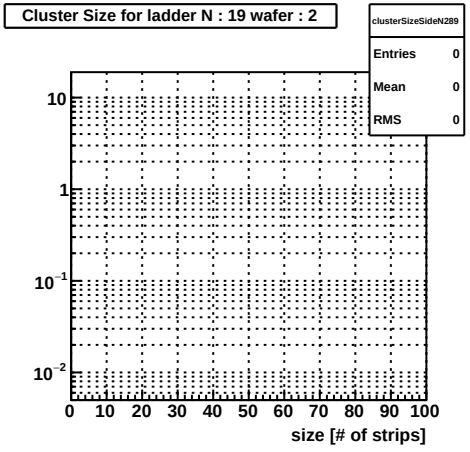

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

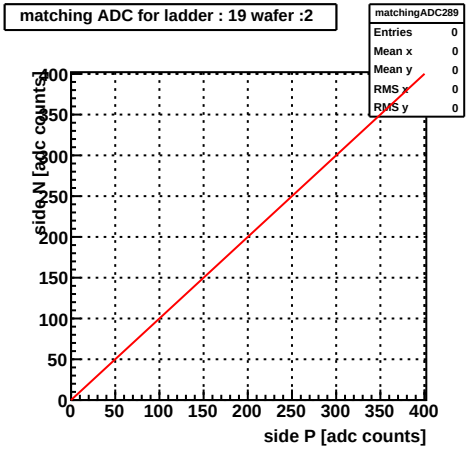

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

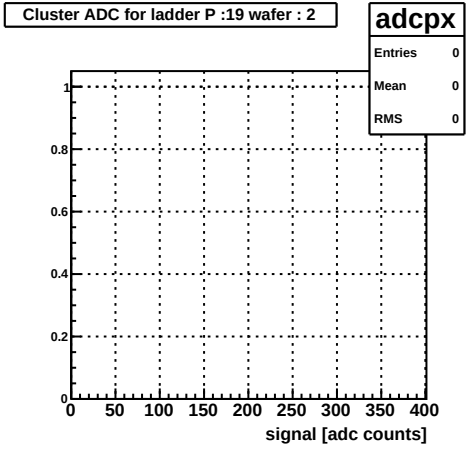

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

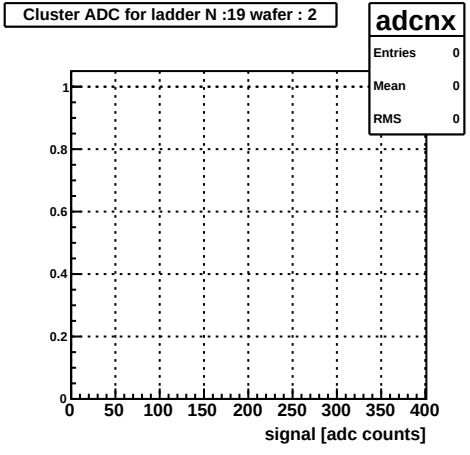

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

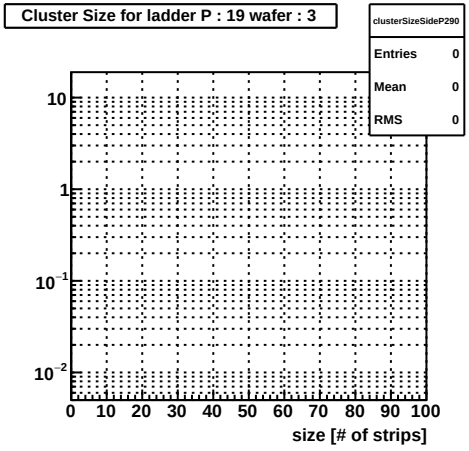

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

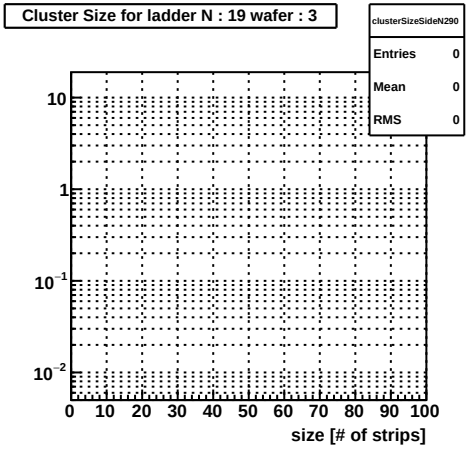

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

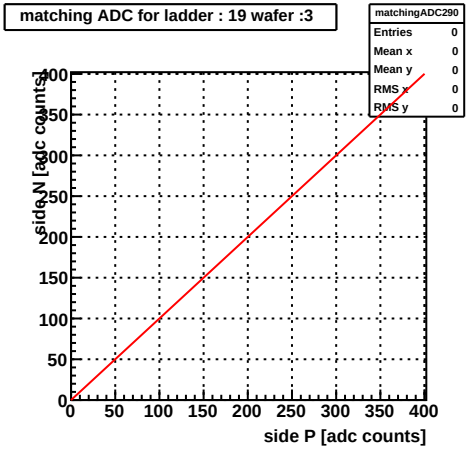

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

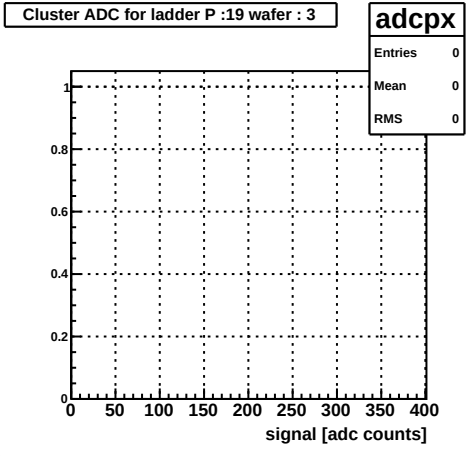

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

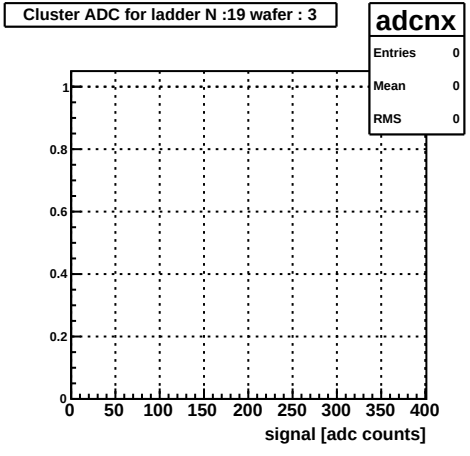

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

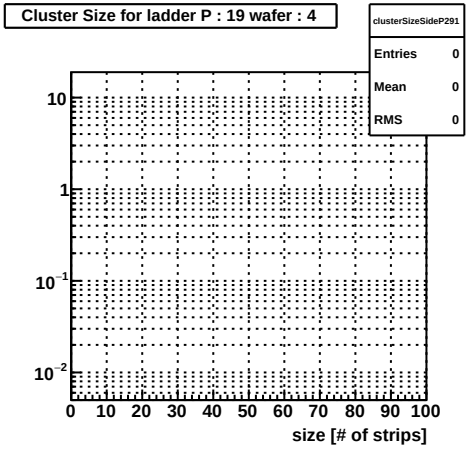

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

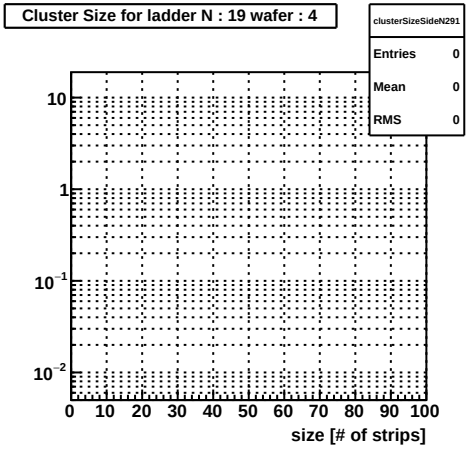

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

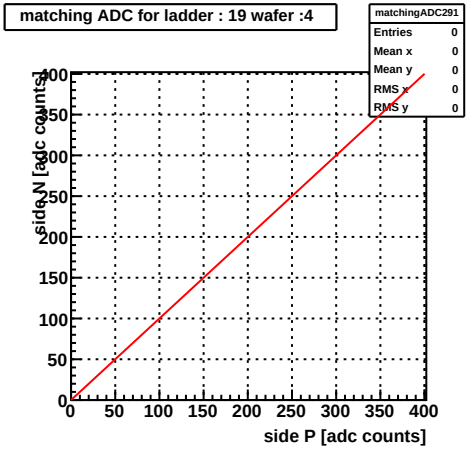

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

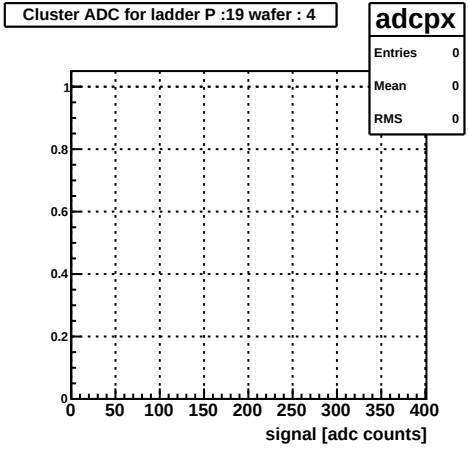

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

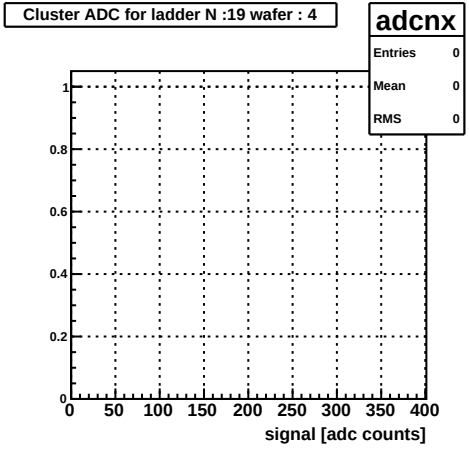

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

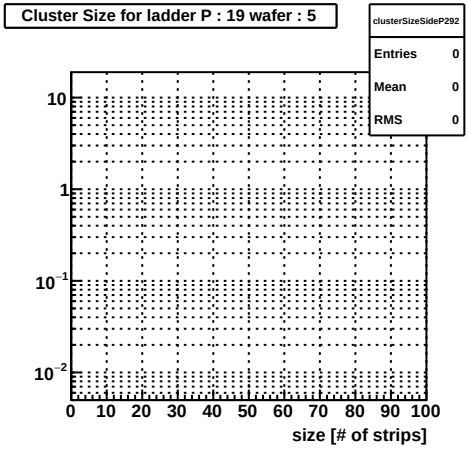

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

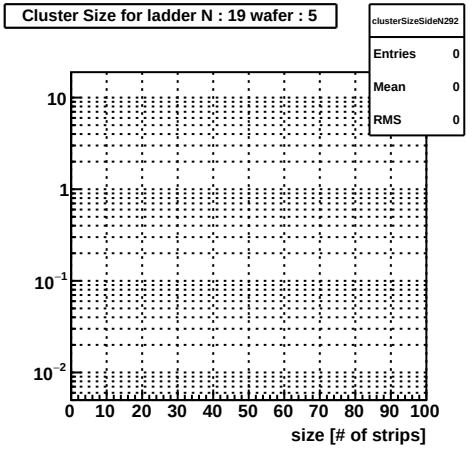

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

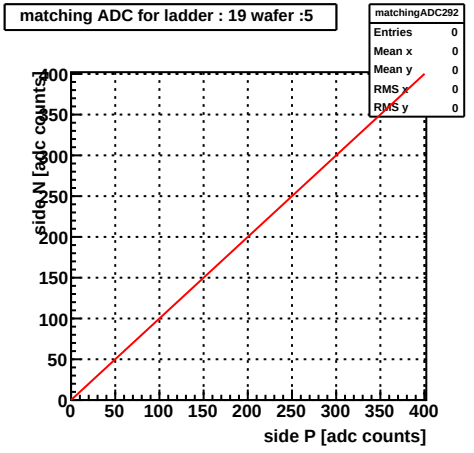

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

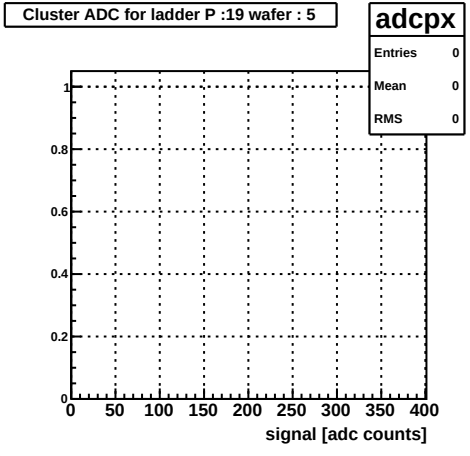

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

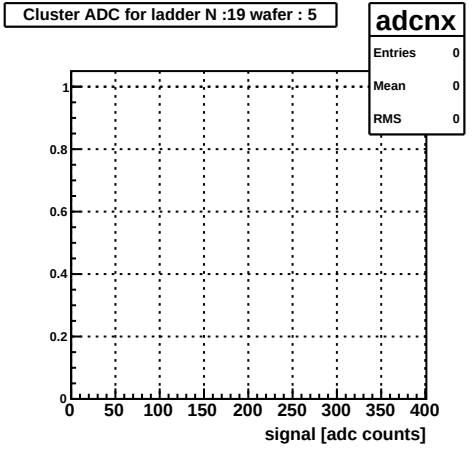

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

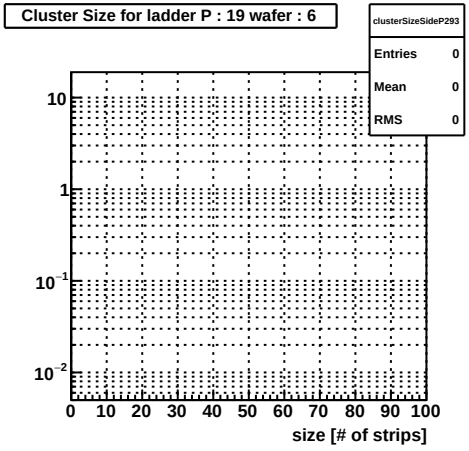

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

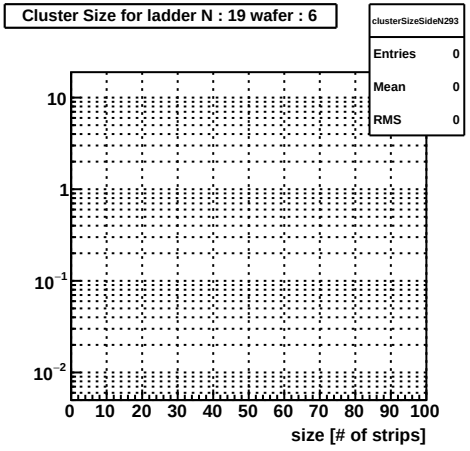

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

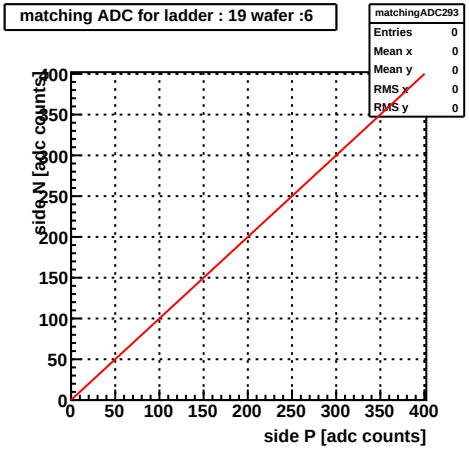

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

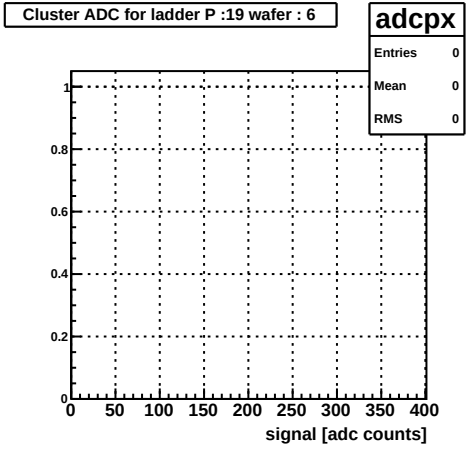

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

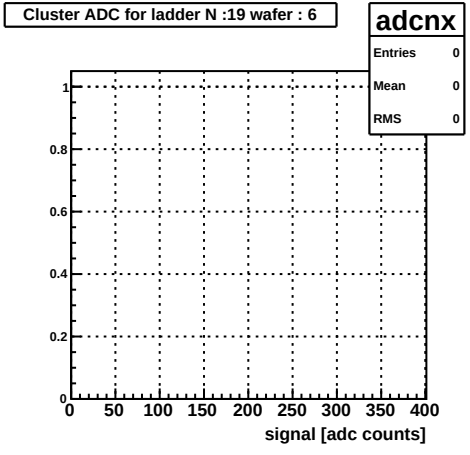

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

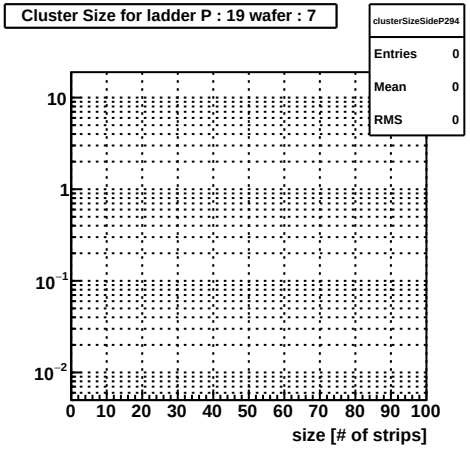

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

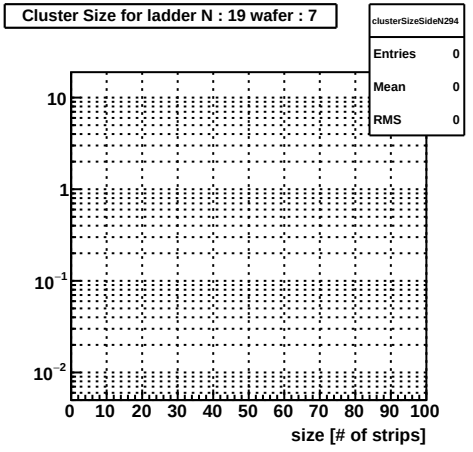

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

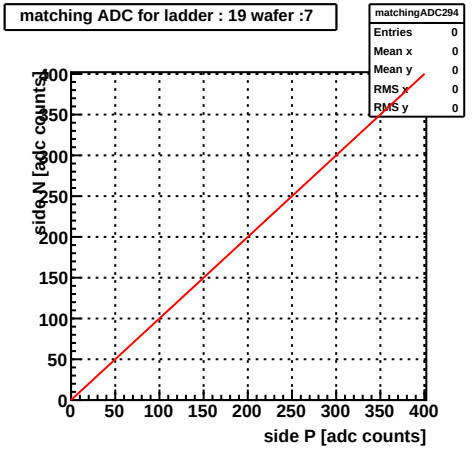

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

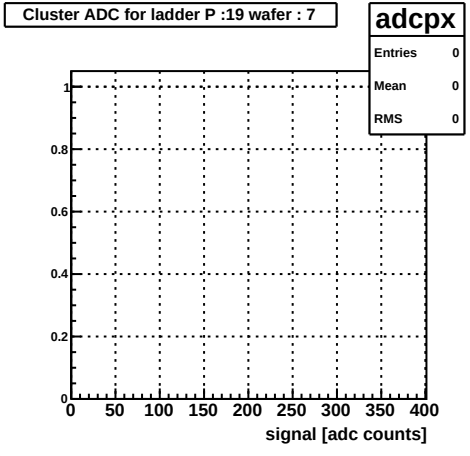

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

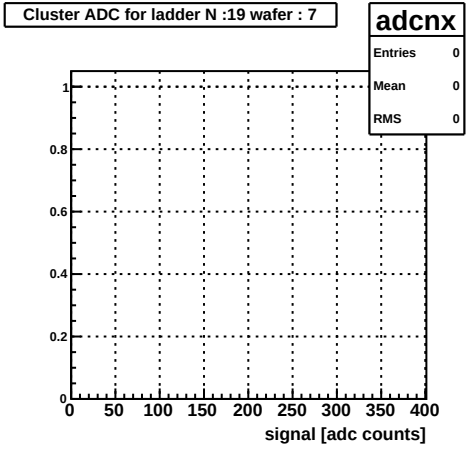

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

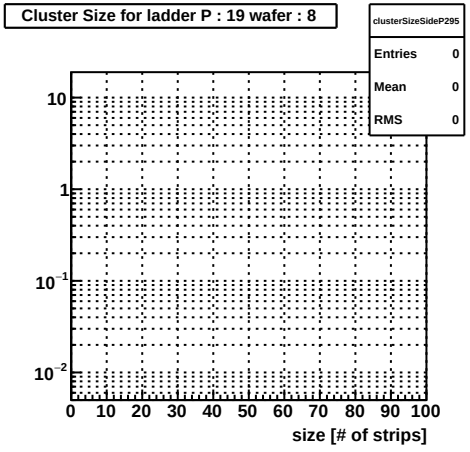

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

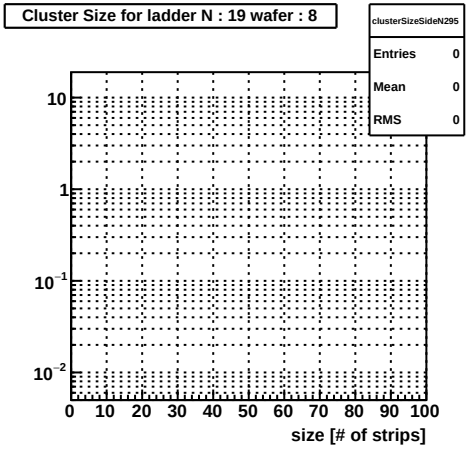

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

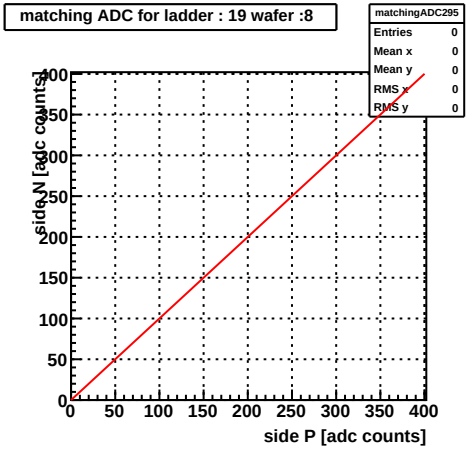

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

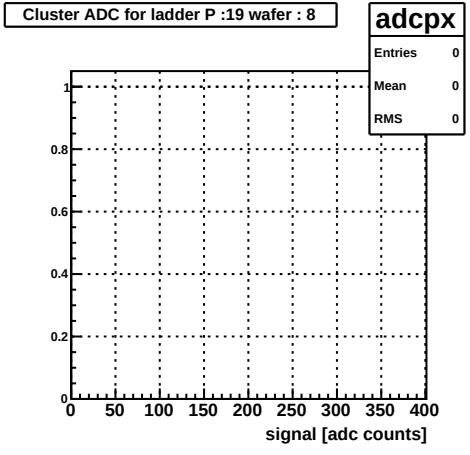

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

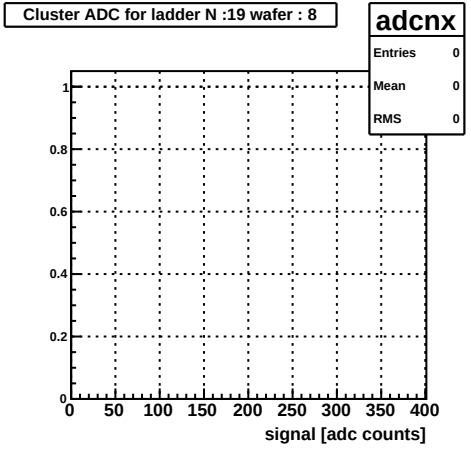

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

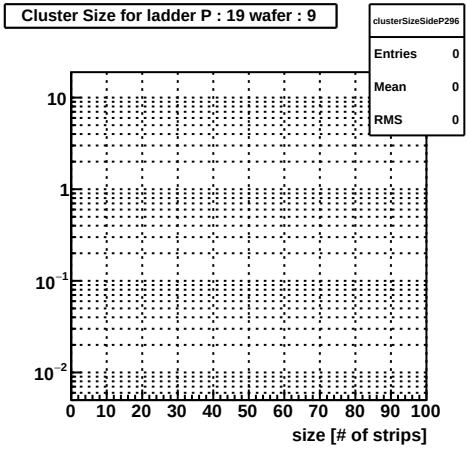

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

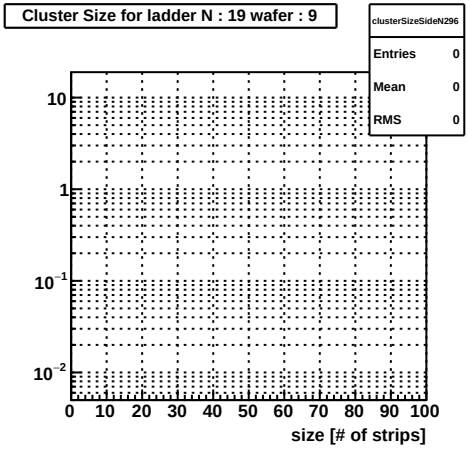

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

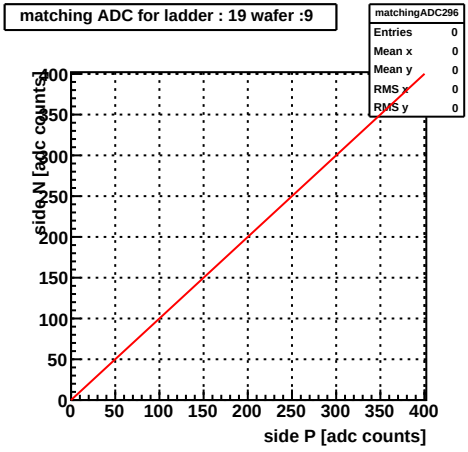

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

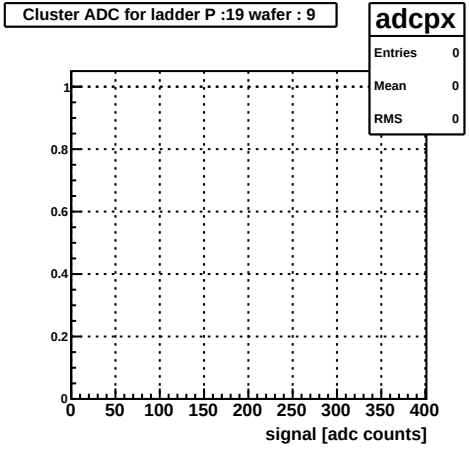

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

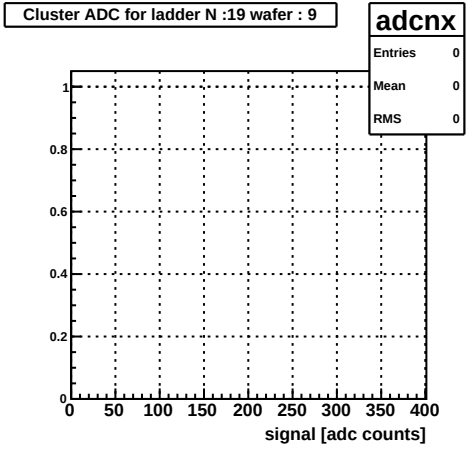

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

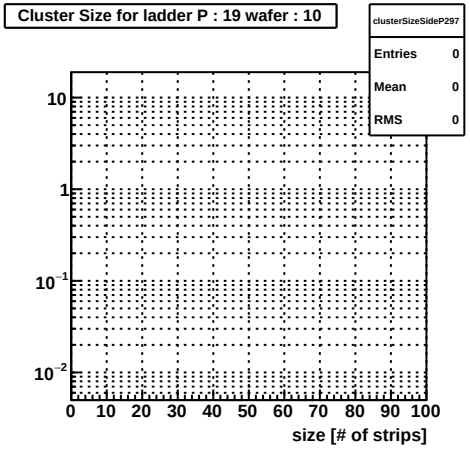

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

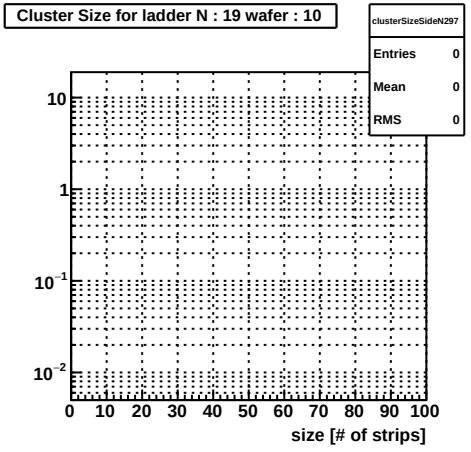

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

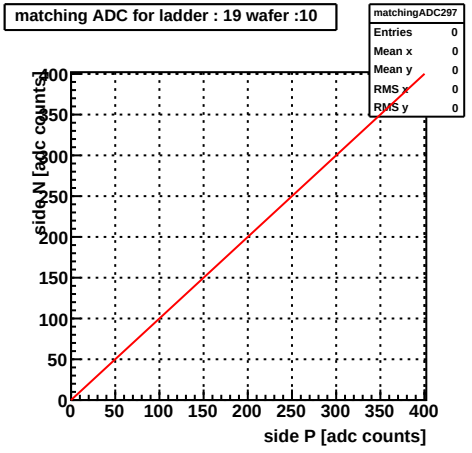

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

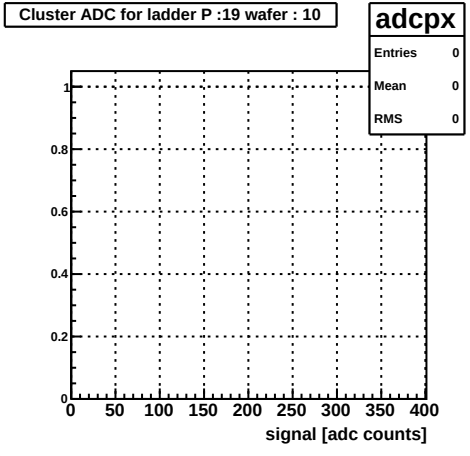

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

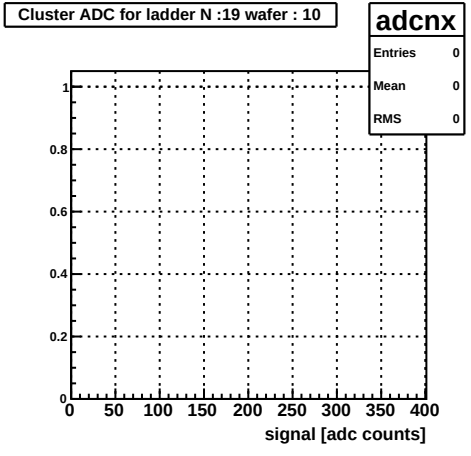

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

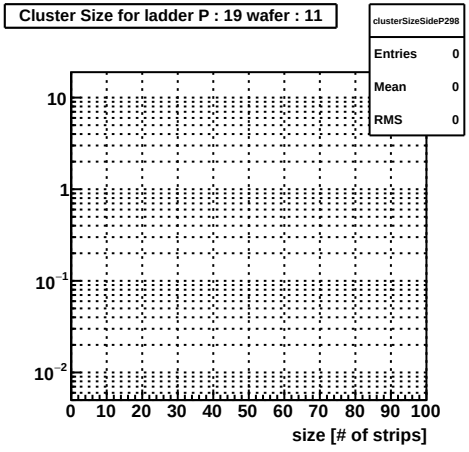

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

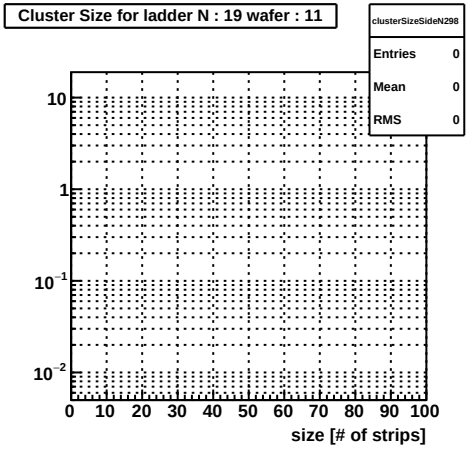

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

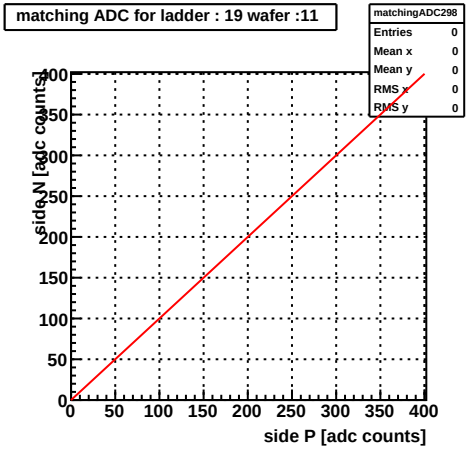

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

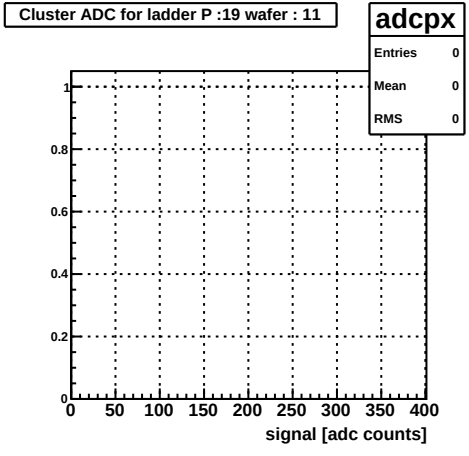

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

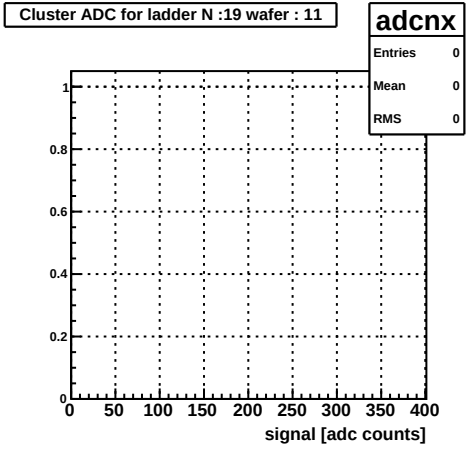

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

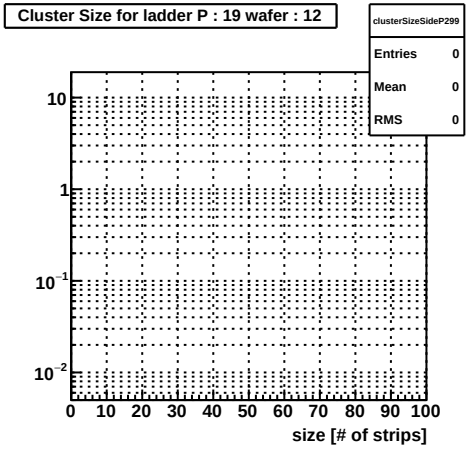

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

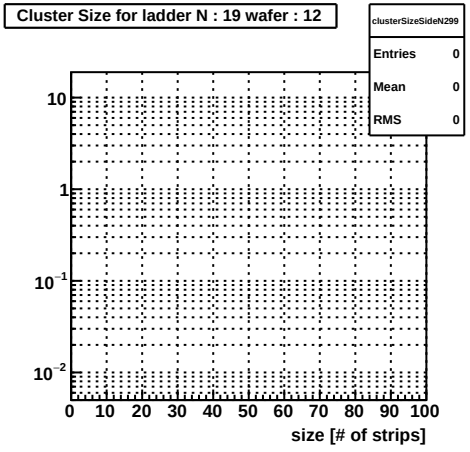

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

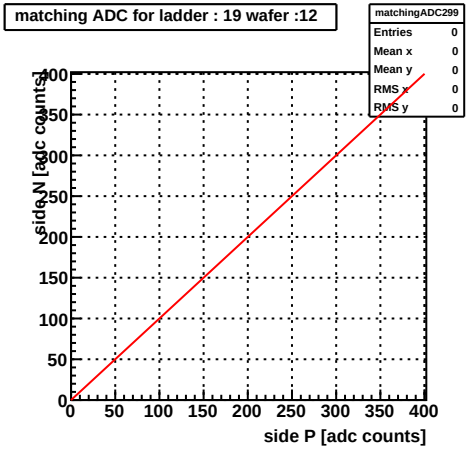

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

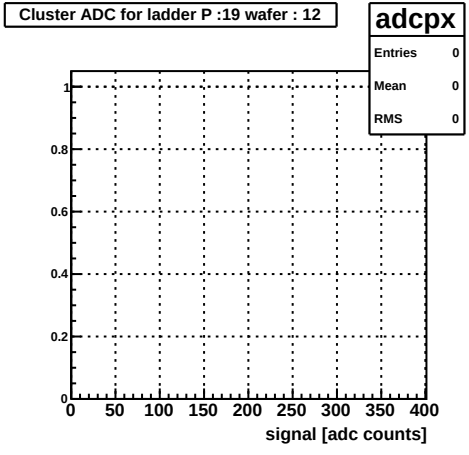

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

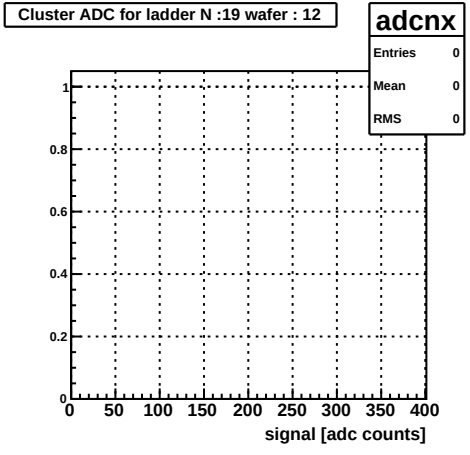

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

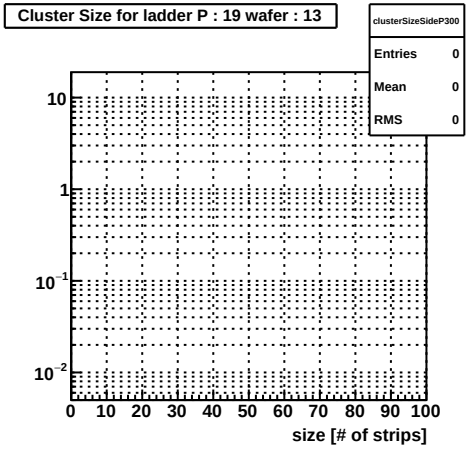

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

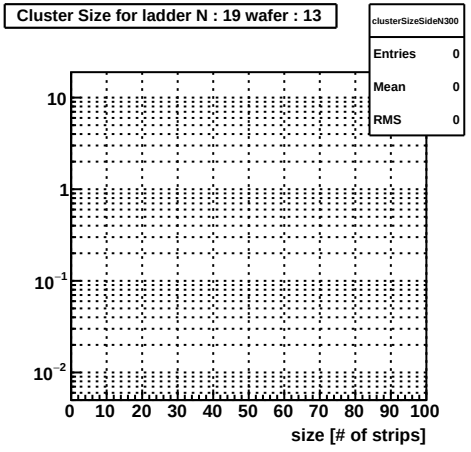

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

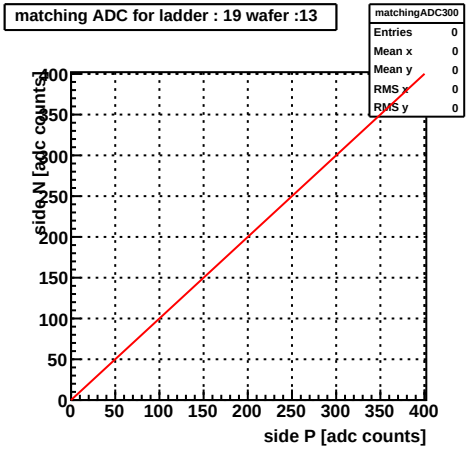

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

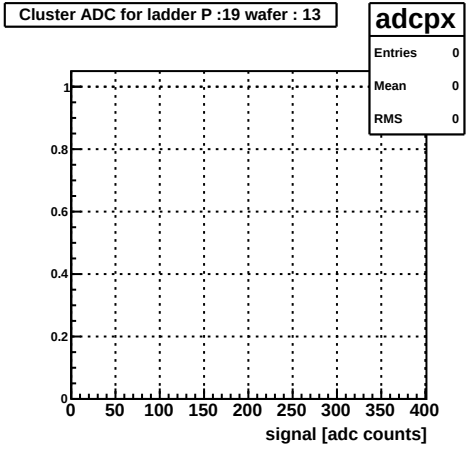

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

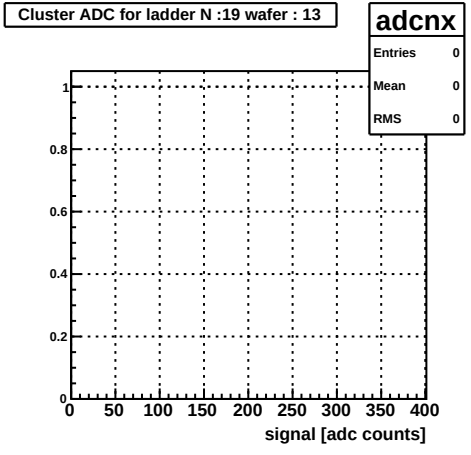

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

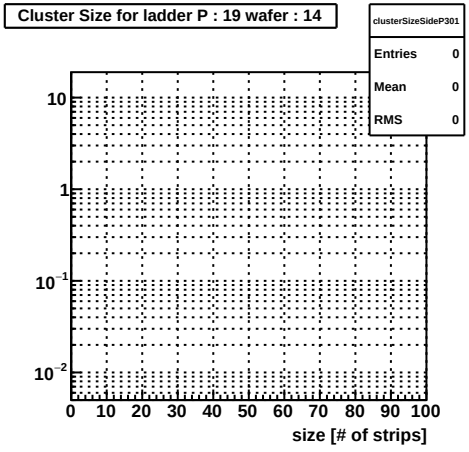

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

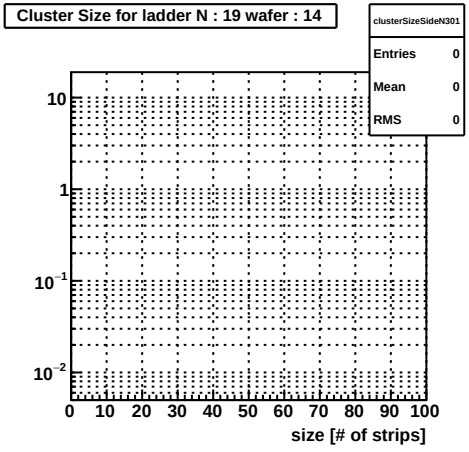

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

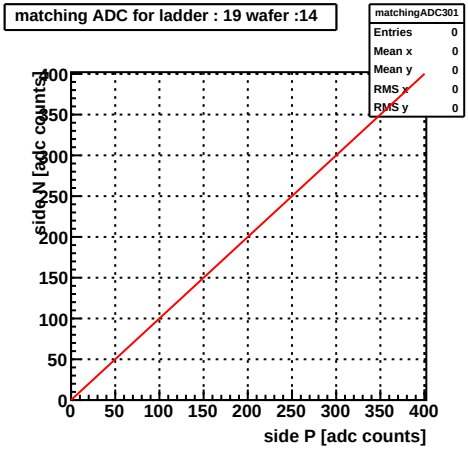

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

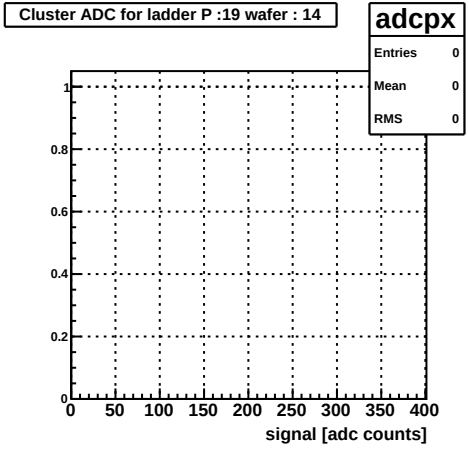

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

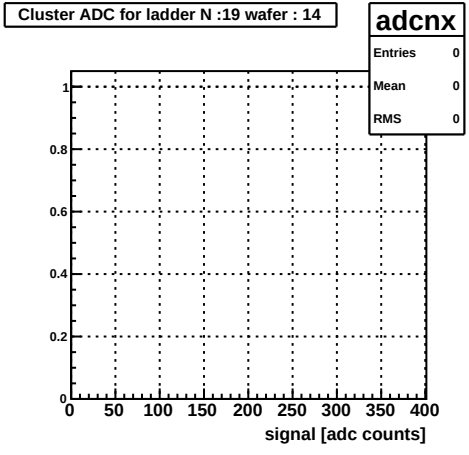

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

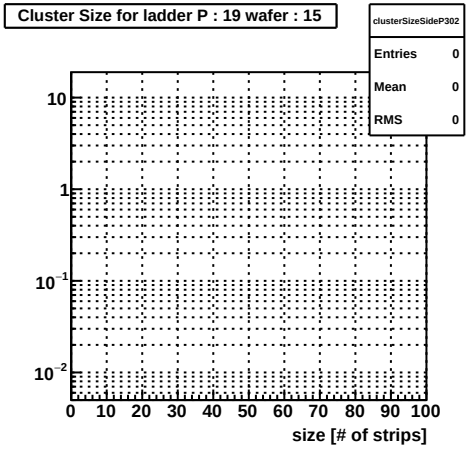

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

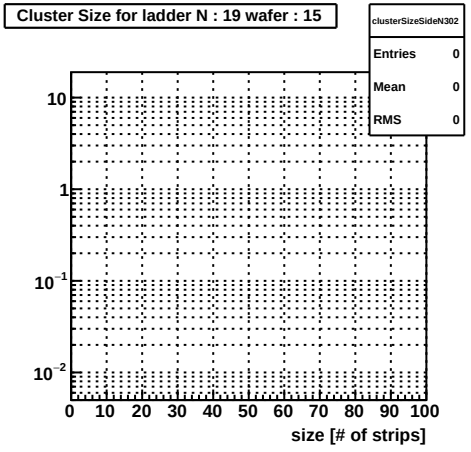

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

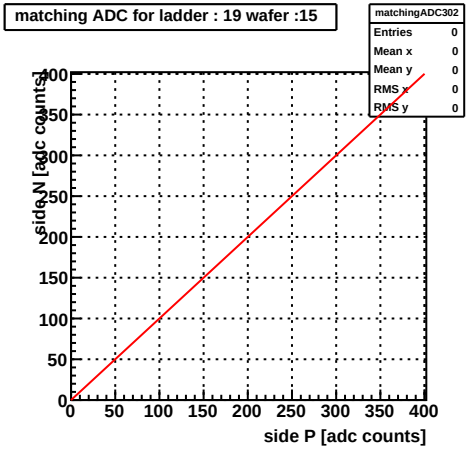

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

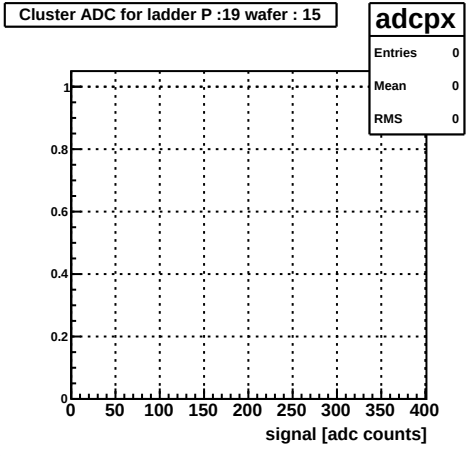

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

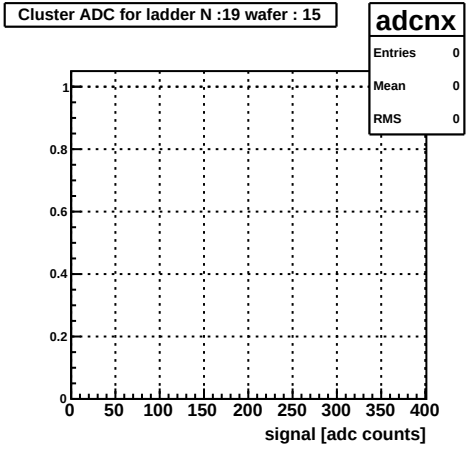

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

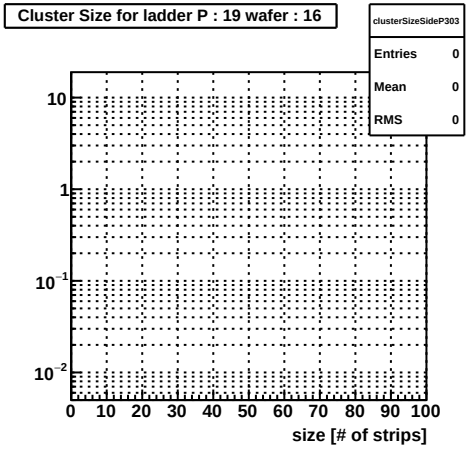

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

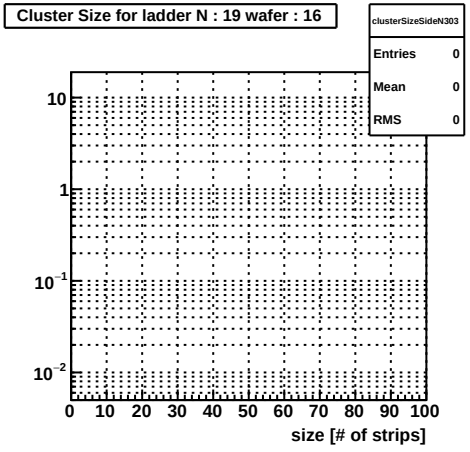

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

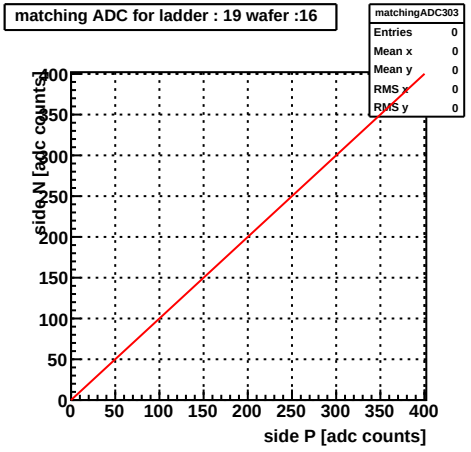

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

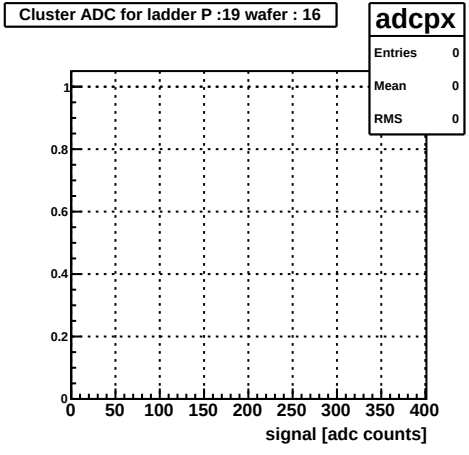

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

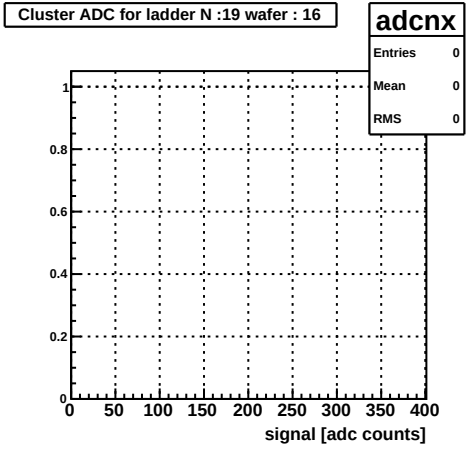

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

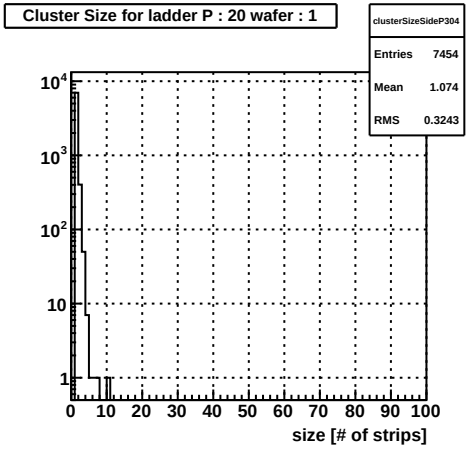

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

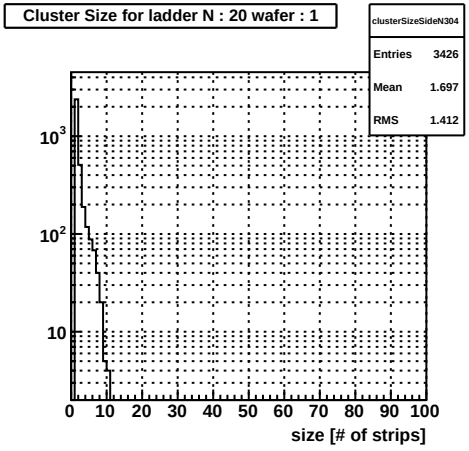

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

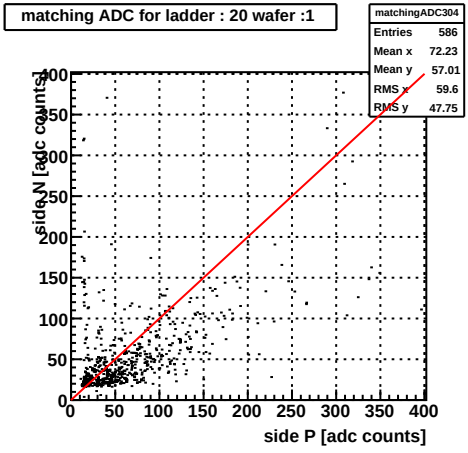

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

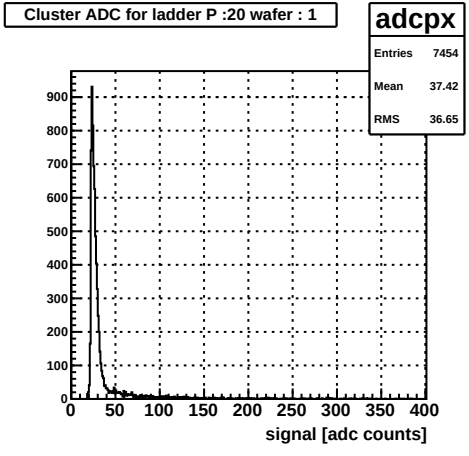

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

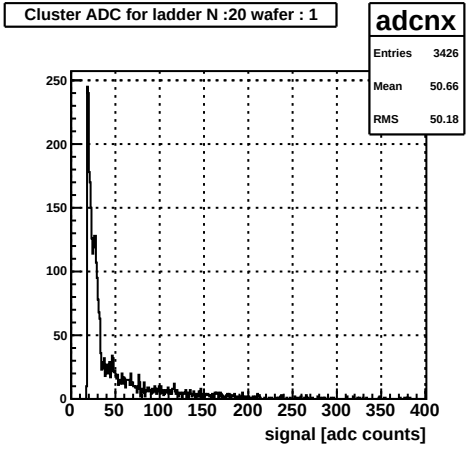

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

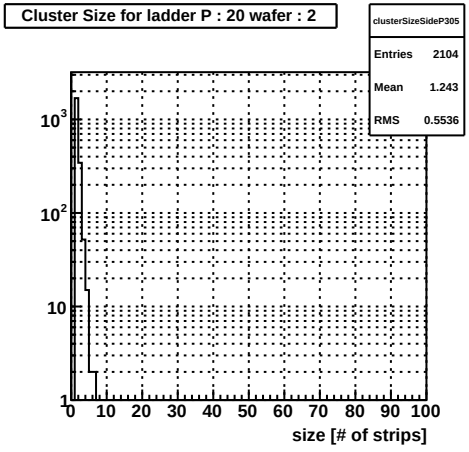

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 7454
Mean 1.074
RMS 0.3243
size [# of strips]

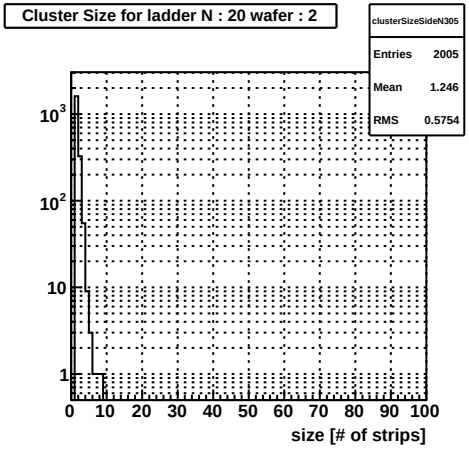

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3426
Mean 1.697
RMS 1.412
size [# of strips]

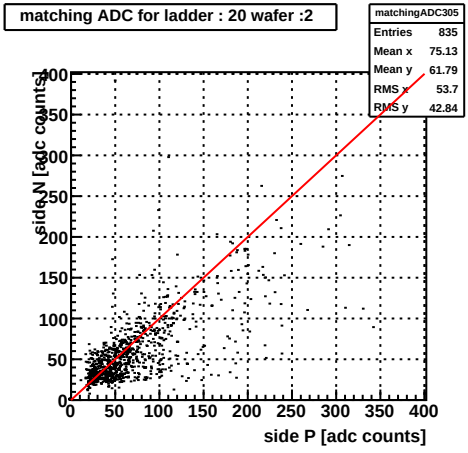

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 586
Mean x 72.23
Mean y 57.01
RMS x 59.6
RMS y 47.75
side N [adc counts]
side P [adc counts]

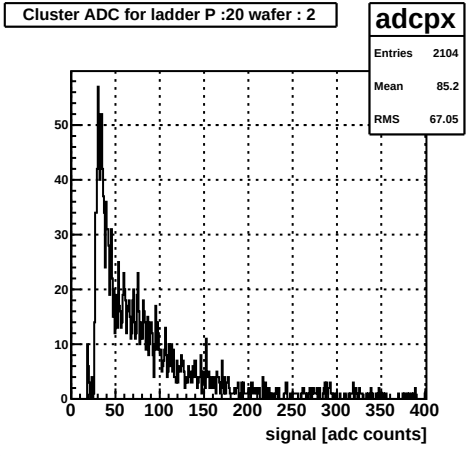

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 7454
Mean 37.42
RMS 36.65
signal [adc counts]

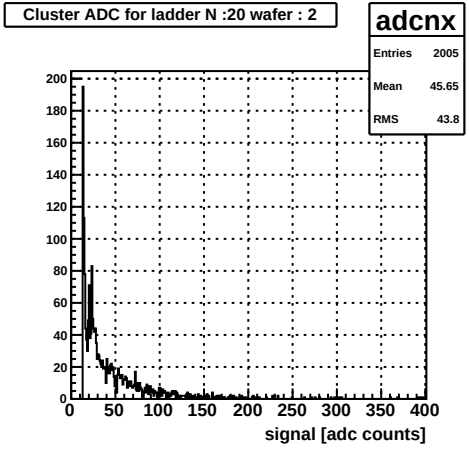

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3426
Mean 50.66
RMS 50.18
signal [adc counts]

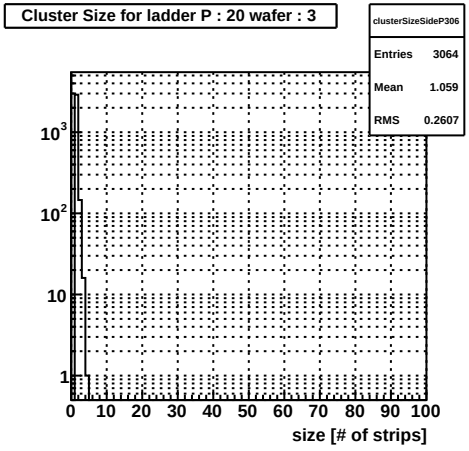

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2104
Mean 1.243
RMS 0.5536
size [# of strips]

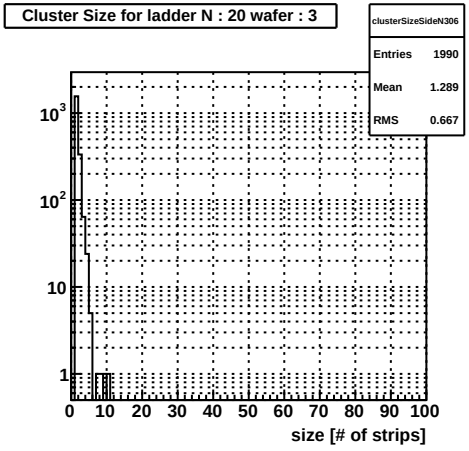

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2005
Mean 1.246
RMS 0.5754
size [# of strips]

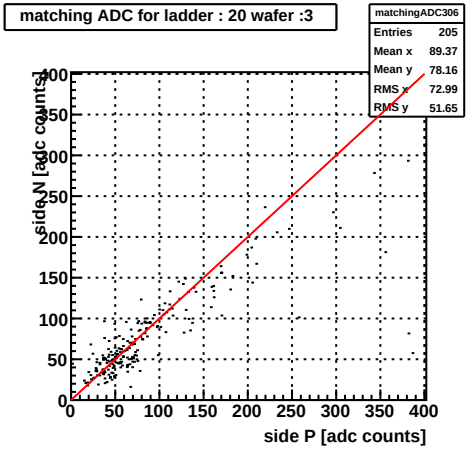

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 835
Mean x 75.13
Mean y 61.79
RMS x 53.7
RMS y 42.84
side N [adc counts]
side P [adc counts]

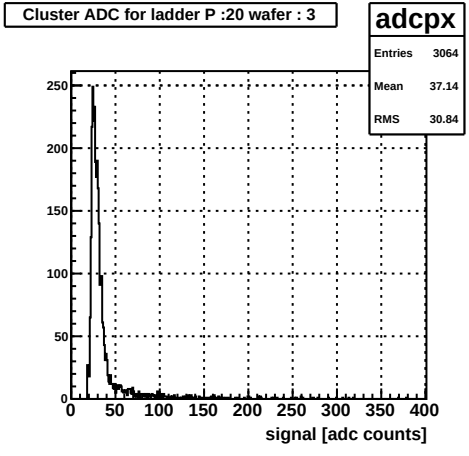

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2104
Mean 85.2
RMS 67.05
signal [adc counts]

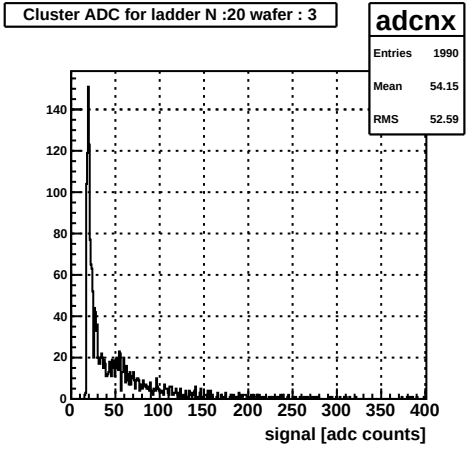

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2005
Mean 45.65
RMS 43.8
signal [adc counts]

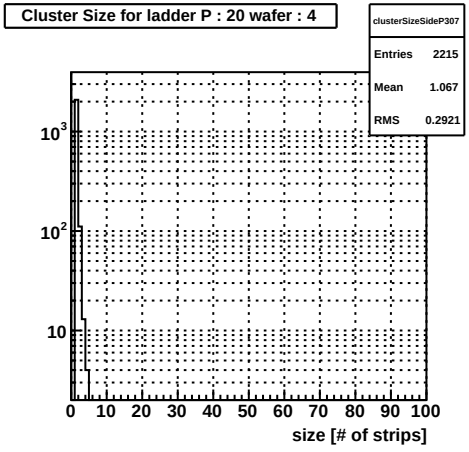

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3064
Mean 1.059
RMS 0.2607
size [# of strips]

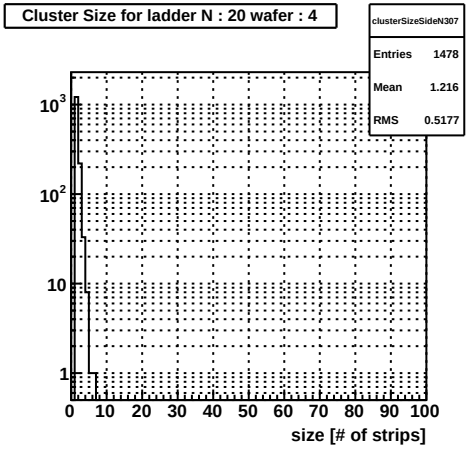

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1990
Mean 1.289
RMS 0.667
size [# of strips]

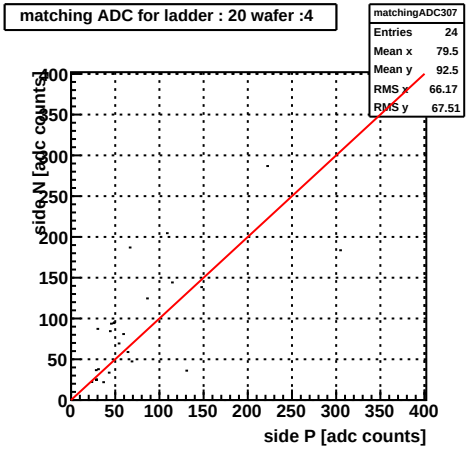

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 205
Mean x 89.37
Mean y 78.16
RMS x 72.99
RMS y 51.65
side N [adc counts]
side P [adc counts]

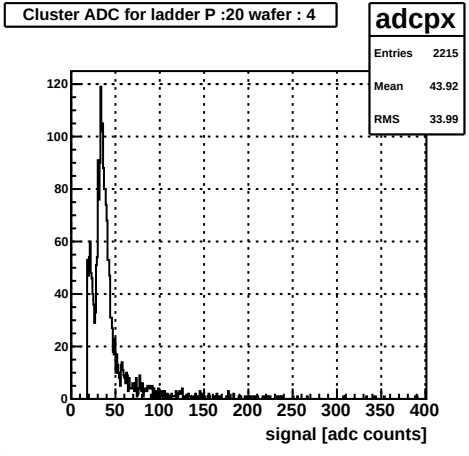

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3064
Mean 37.14
RMS 30.84
signal [adc counts]

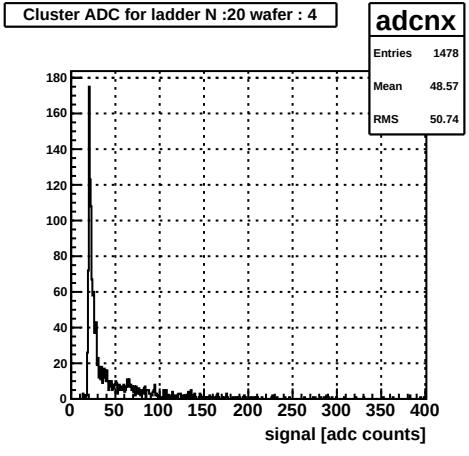

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1990
Mean 54.15
RMS 52.59
signal [adc counts]

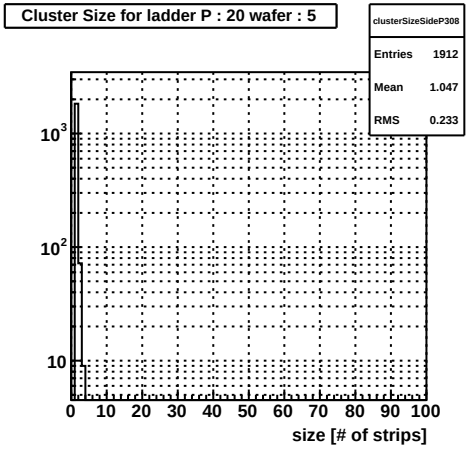

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2215
Mean 1.067
RMS 0.2921
size [# of strips]

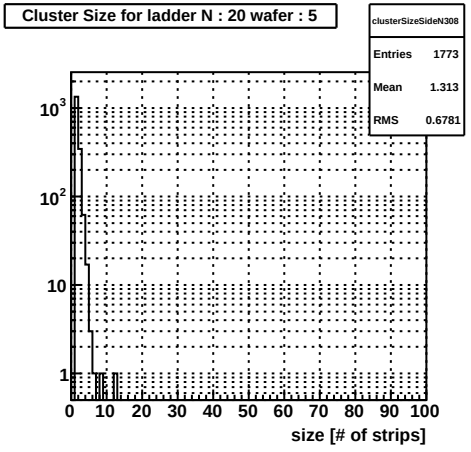

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1478
Mean 1.216
RMS 0.5177
size [# of strips]

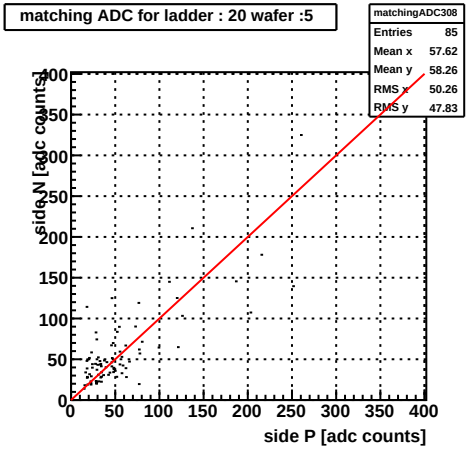

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 24
Mean x 79.5
Mean y 92.5
RMS x 66.17
RMS y 67.51
side N [adc counts]
side P [adc counts]

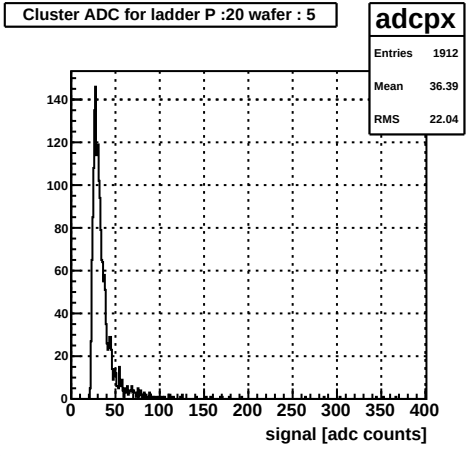

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2215
Mean 43.92
RMS 33.99
signal [adc counts]

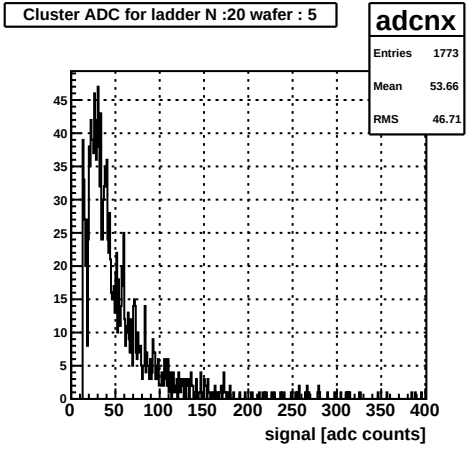

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1478
Mean 48.57
RMS 50.74
signal [adc counts]

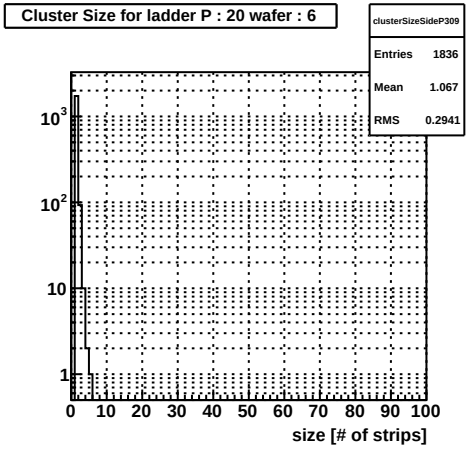

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1912
Mean 1.047
RMS 0.233
size [# of strips]

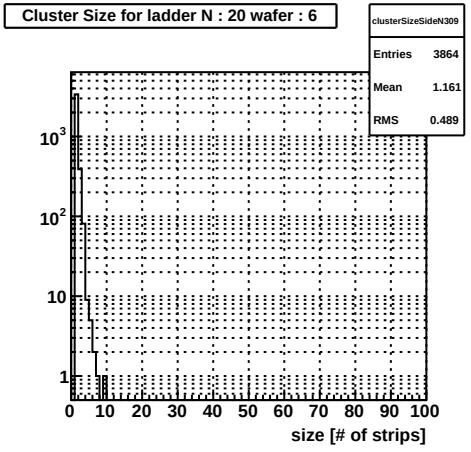

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1773
Mean 1.313
RMS 0.6781
size [# of strips]

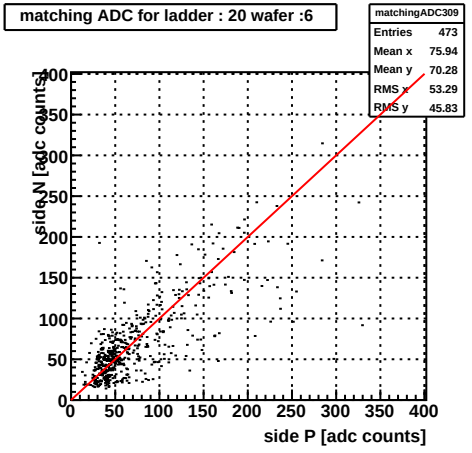

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 85
Mean x 57.62
Mean y 58.26
RMS x 50.26
RMS y 47.83
side N [adc counts]
side P [adc counts]

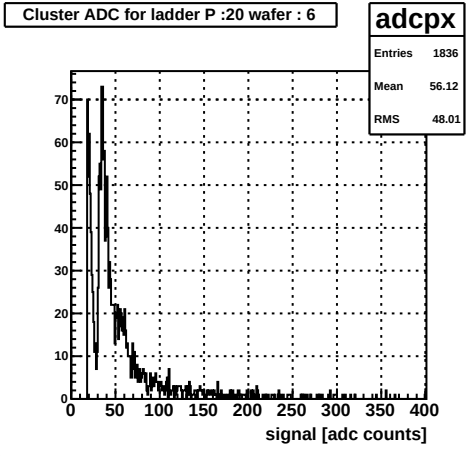

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1912
Mean 36.39
RMS 22.04
signal [adc counts]

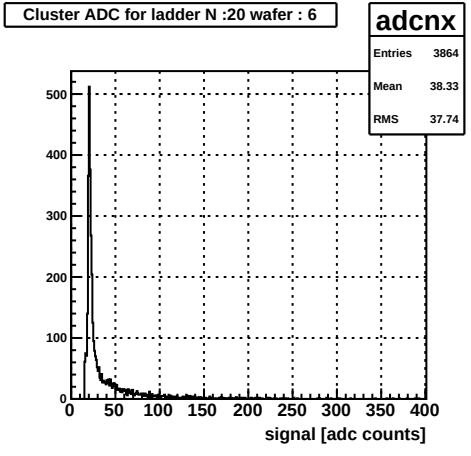

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1773
Mean 53.66
RMS 46.71
signal [adc counts]

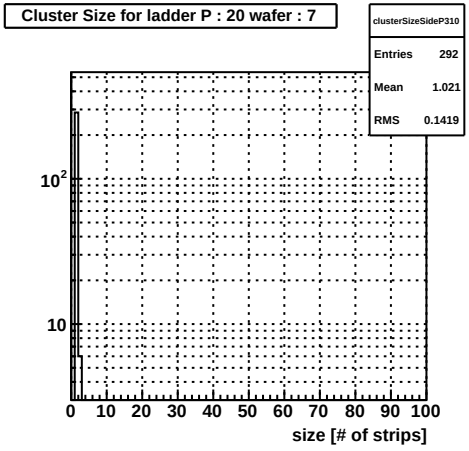

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1836
Mean 1.067
RMS 0.2941
size [# of strips]

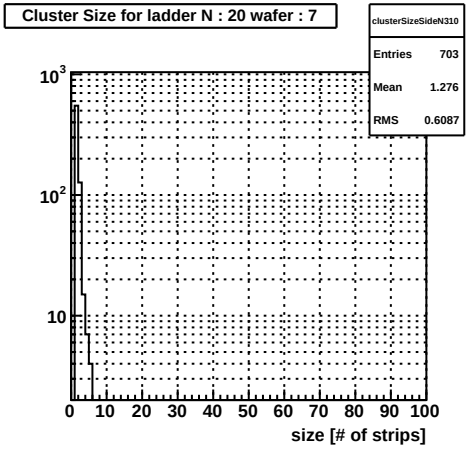

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 3864
Mean 1.161
RMS 0.489
size [# of strips]

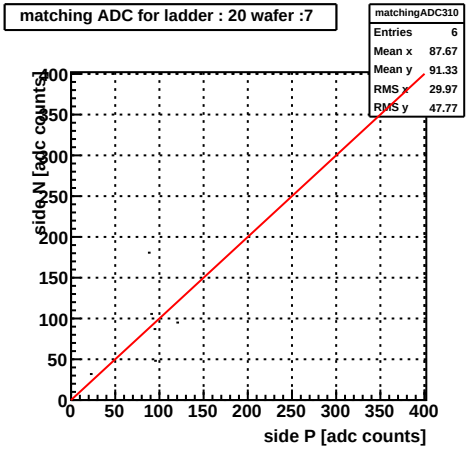

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 473
Mean x 75.94
Mean y 70.28
RMS x 53.29
RMS y 45.83
side N [adc counts]
side P [adc counts]

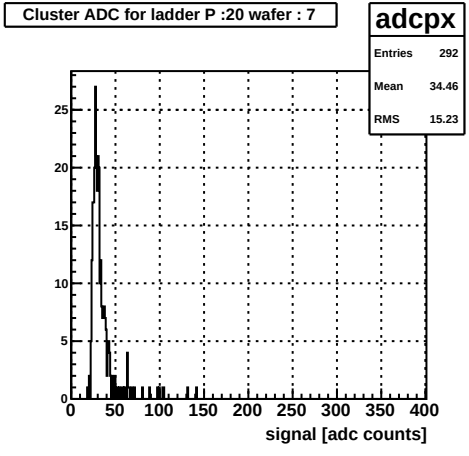

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1836
Mean 56.12
RMS 48.01
signal [adc counts]

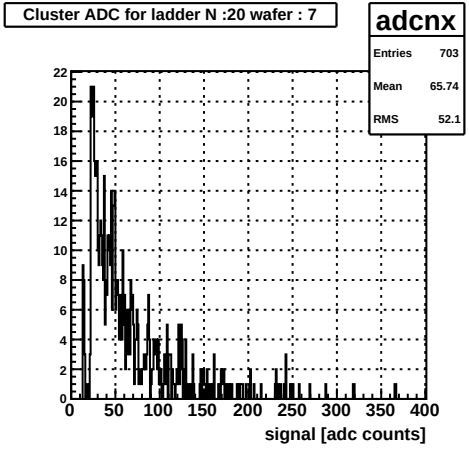

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 3864
Mean 38.33
RMS 37.74
signal [adc counts]

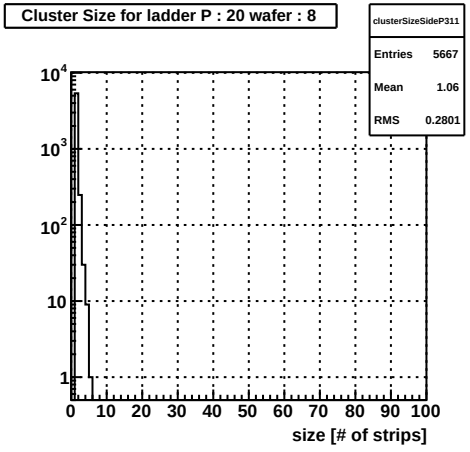

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 292
Mean 1.021
RMS 0.1419
size [# of strips]

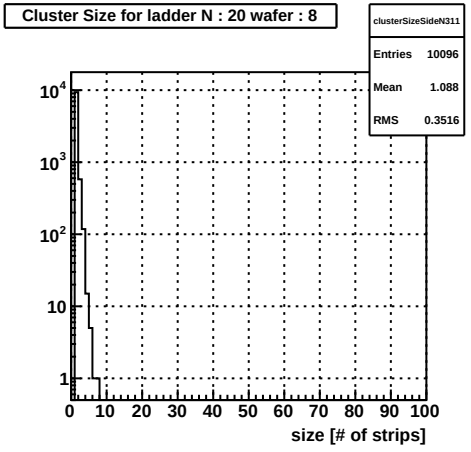

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 703
Mean 1.276
RMS 0.6087
size [# of strips]

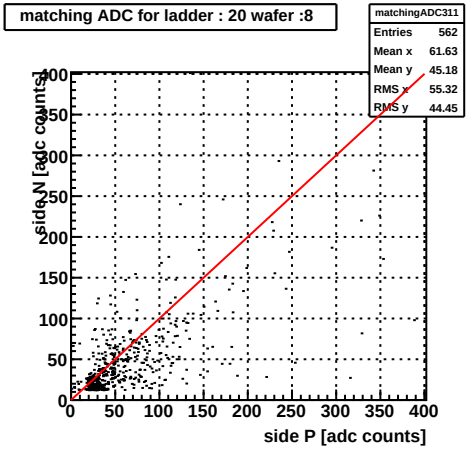

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 6
Mean x 87.67
Mean y 91.33
RMS x 29.97
RMS y 47.77
side N [adc counts]
side P [adc counts]

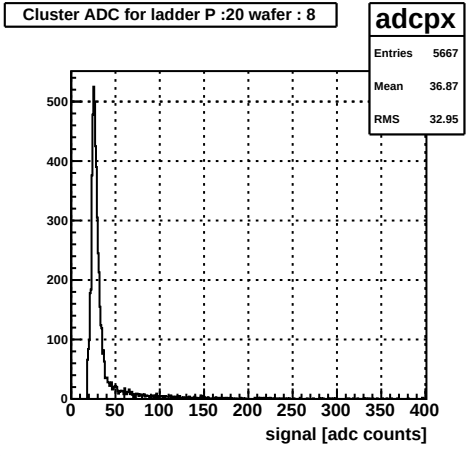

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 292
Mean 34.46
RMS 15.23
signal [adc counts]

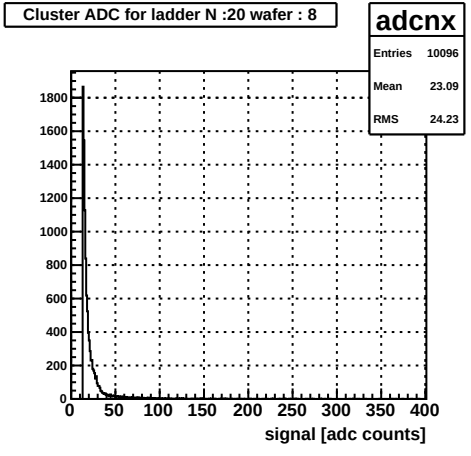

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 703
Mean 65.74
RMS 52.1
signal [adc counts]

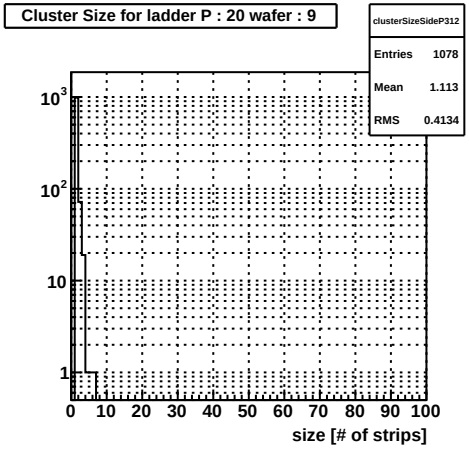

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5667
Mean 1.06
RMS 0.2801
size [# of strips]

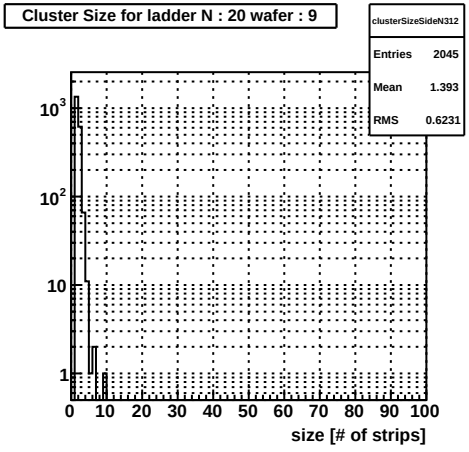

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10096
Mean 1.088
RMS 0.3516
size [# of strips]

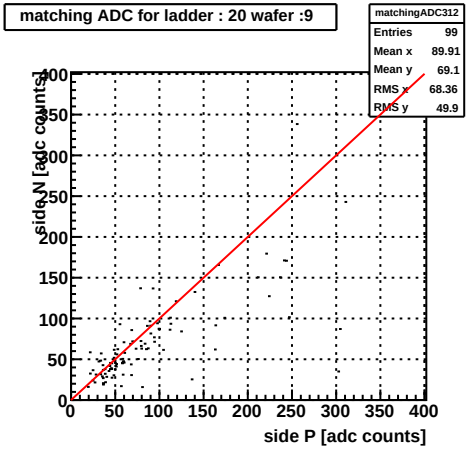

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 562
Mean x 61.63
Mean y 45.18
RMS x 55.32
RMS y 44.45
side N [adc counts]
side P [adc counts]

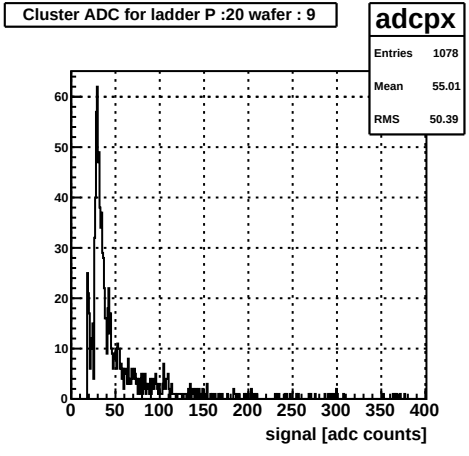

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5667
Mean 36.87
RMS 32.95
signal [adc counts]

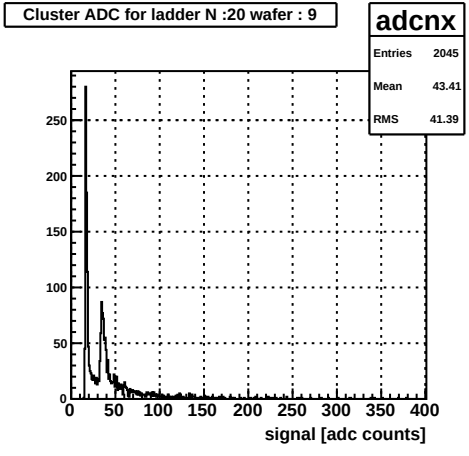

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10096
Mean 23.09
RMS 24.23
signal [adc counts]

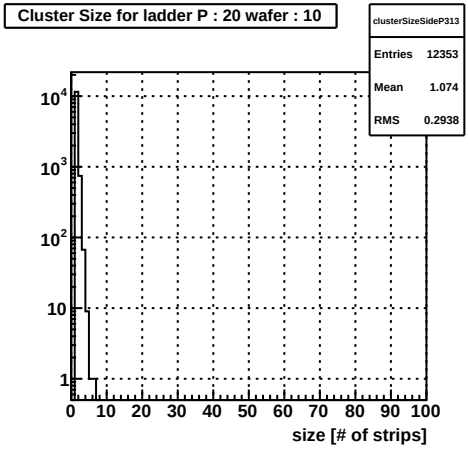

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1078
Mean 1.113
RMS 0.4134
size [# of strips]

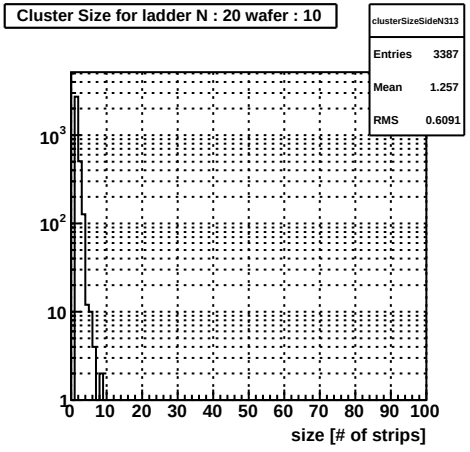

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 2045
Mean 1.393
RMS 0.6231
size [# of strips]

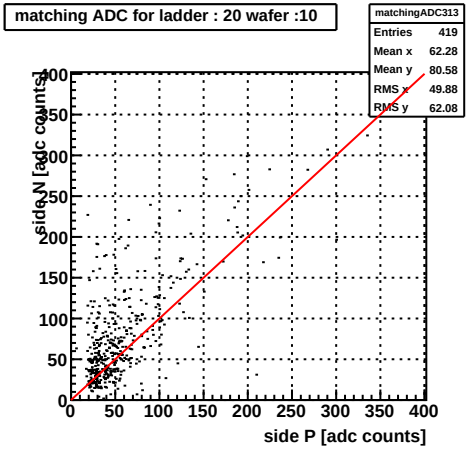

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 99
Mean x 89.91
Mean y 69.1
RMS x 68.36
RMS y 49.9
side N [adc counts]
side P [adc counts]

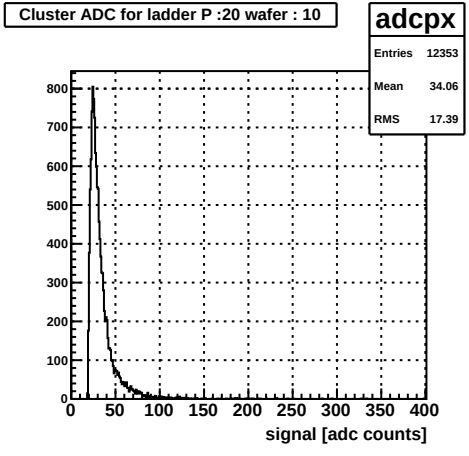

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1078
Mean 55.01
RMS 50.39
signal [adc counts]

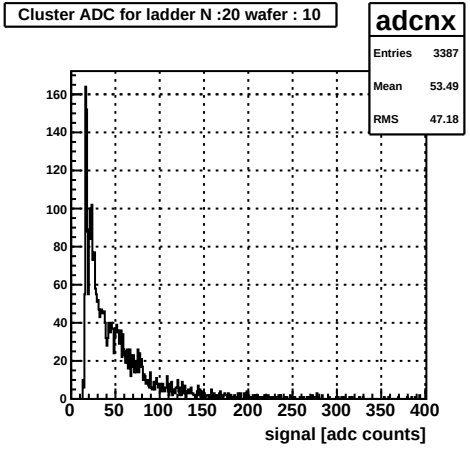

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 2045
Mean 43.41
RMS 41.39
signal [adc counts]

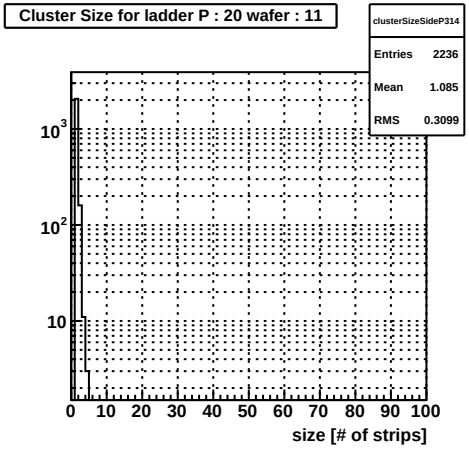

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12353
Mean 1.074
RMS 0.2938
size [# of strips]

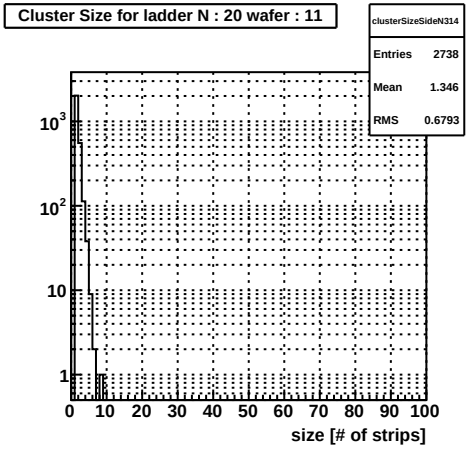

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3387
Mean 1.257
RMS 0.6091
size [# of strips]

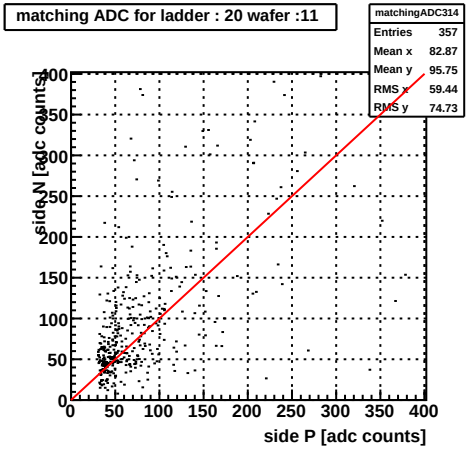

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 419
Mean x 62.28
Mean y 80.58
RMS x 49.88
RMS y 62.08
side N [adc counts]
side P [adc counts]

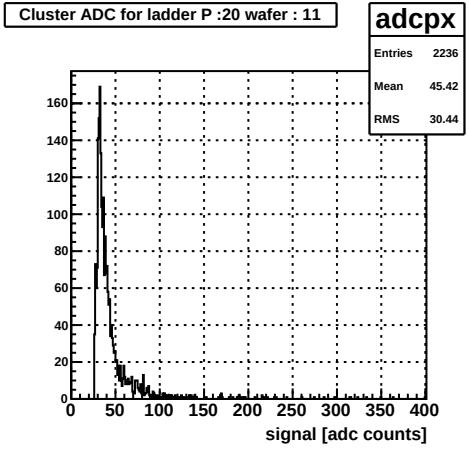

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12353
Mean 34.06
RMS 17.39
signal [adc counts]

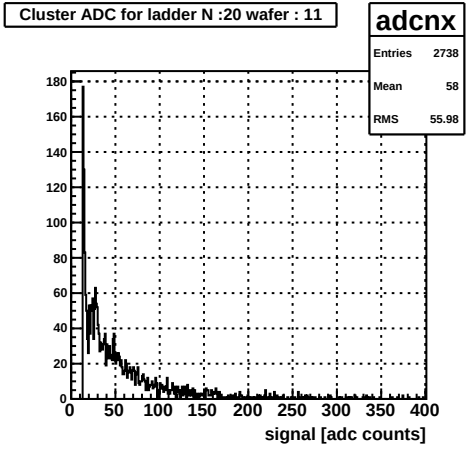

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3387
Mean 53.49
RMS 47.18
signal [adc counts]

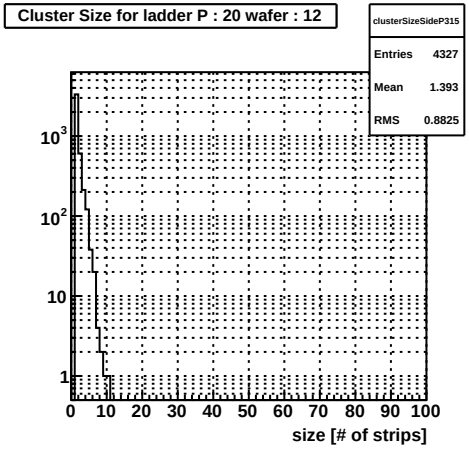

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2236
Mean 1.085
RMS 0.3099
size [# of strips]

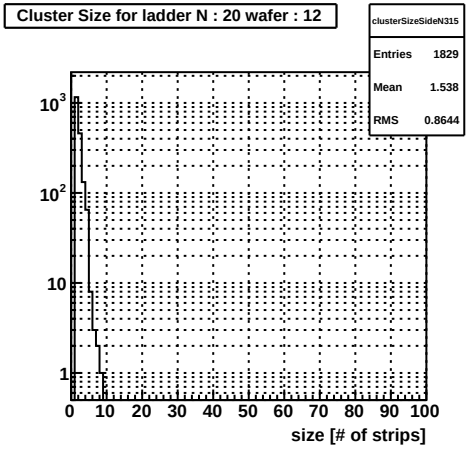

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2738
Mean 1.346
RMS 0.6793
size [# of strips]

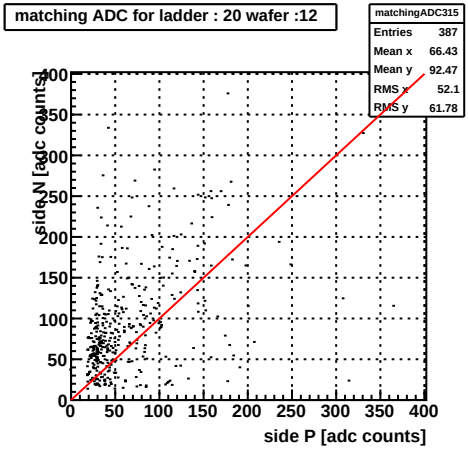

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 357
Mean x 82.87
Mean y 95.75
RMS x 59.44
RMS y 74.73
side N [adc counts]
side P [adc counts]

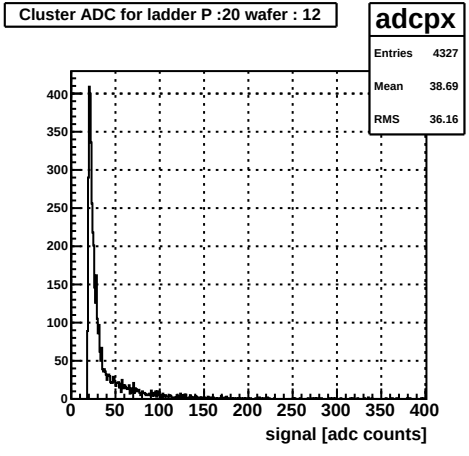

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2236
Mean 45.42
RMS 30.44
signal [adc counts]

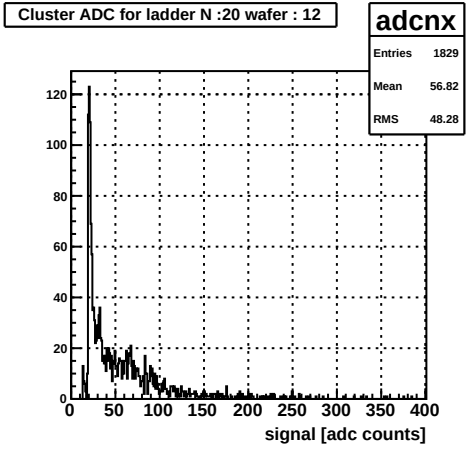

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2738
Mean 58
RMS 55.98
signal [adc counts]

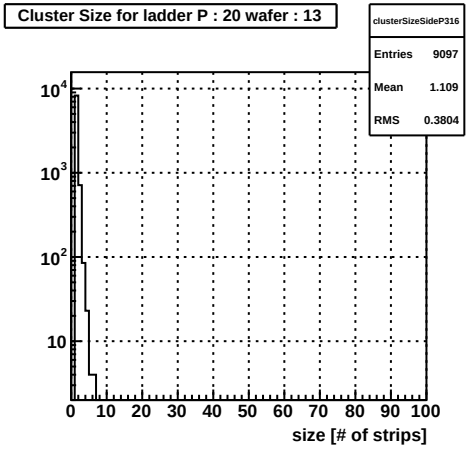

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4327
Mean 1.393
RMS 0.8825
size [# of strips]

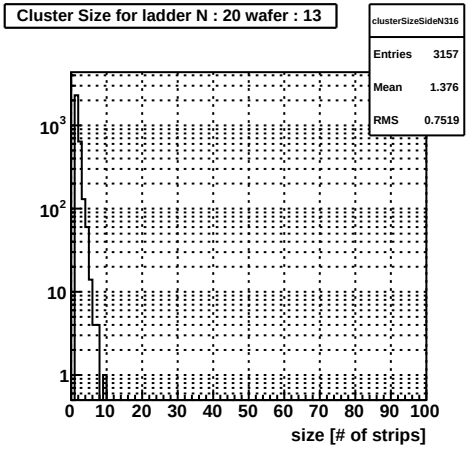

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1829
Mean 1.538
RMS 0.8644
size [# of strips]

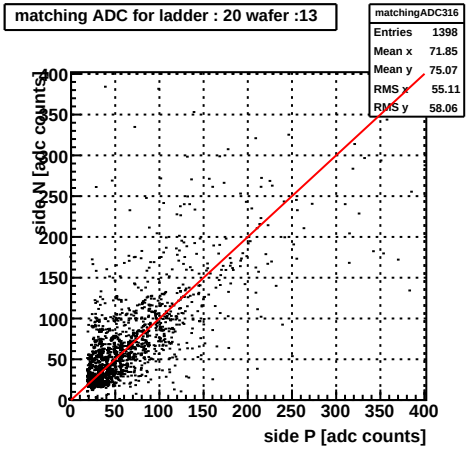

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 387
Mean x 66.43
Mean y 92.47
RMS x 52.1
RMS y 61.78
side N [adc counts]
side P [adc counts]

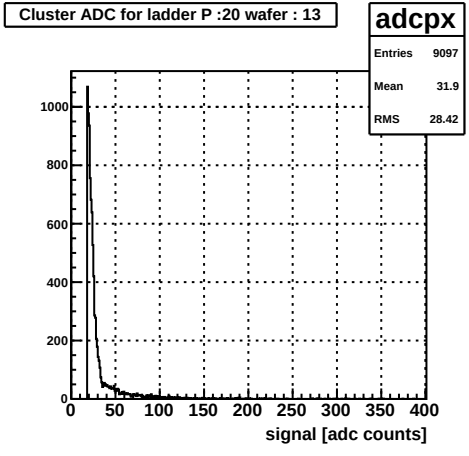

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4327
Mean 38.69
RMS 36.16
signal [adc counts]

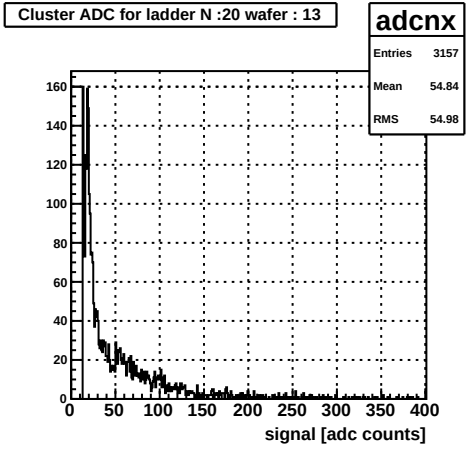

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1829
Mean 56.82
RMS 48.28
signal [adc counts]

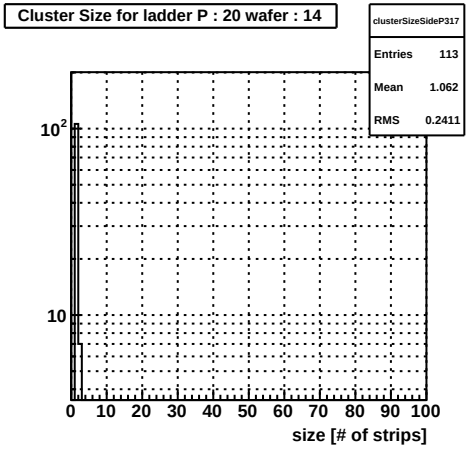

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9097
Mean 1.109
RMS 0.3804
size [# of strips]

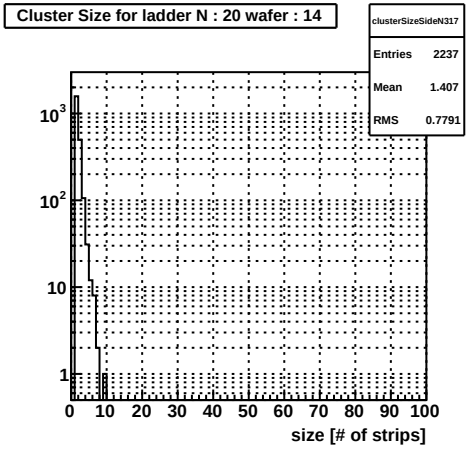

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3157
Mean 1.376
RMS 0.7519
size [# of strips]

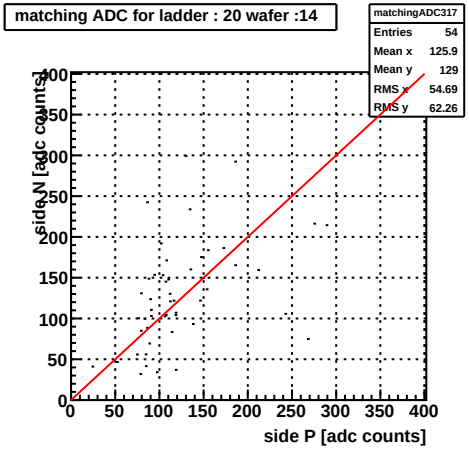

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1398
Mean x 71.85
Mean y 75.07
RMS x 55.11
RMS y 58.06
side N [adc counts]
side P [adc counts]

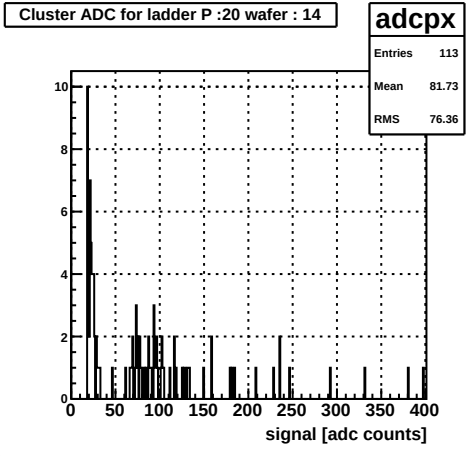

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9097
Mean 31.9
RMS 28.42
signal [adc counts]

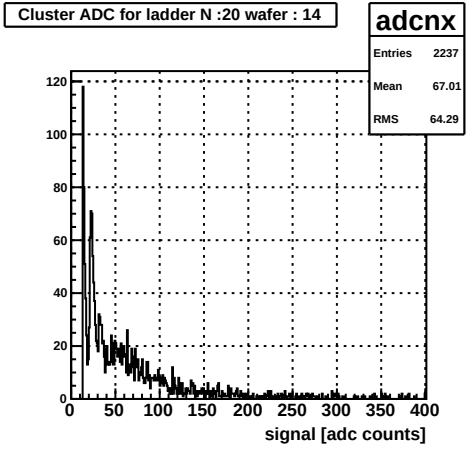

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3157
Mean 54.84
RMS 54.98
signal [adc counts]

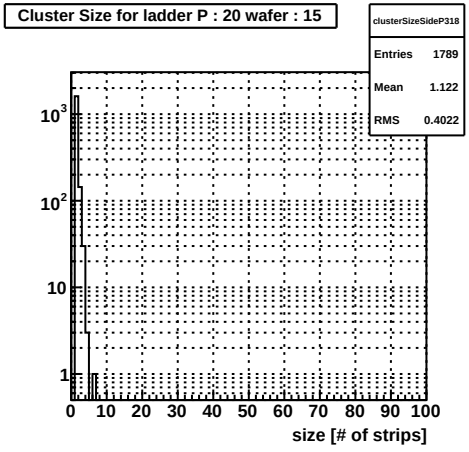

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 113
Mean 1.062
RMS 0.2411
size [# of strips]

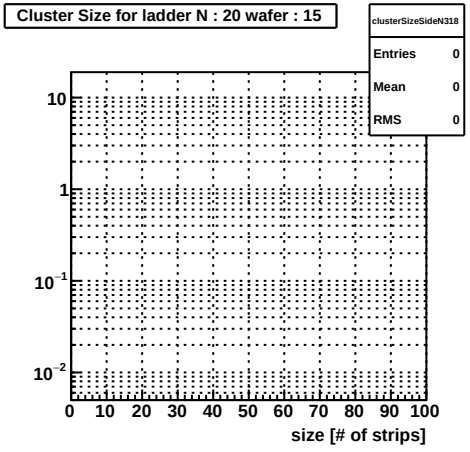

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2237
Mean 1.407
RMS 0.7791
size [# of strips]

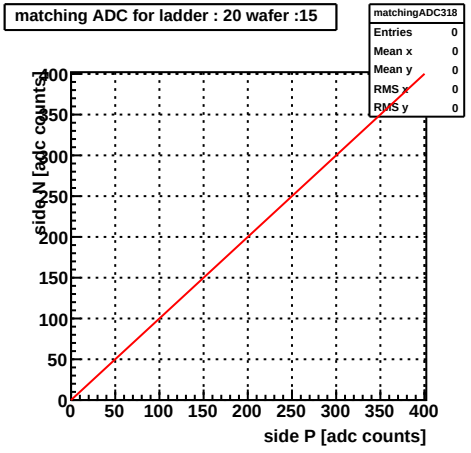

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 54
Mean x 125.9
Mean y 129
RMS x 54.69
RMS y 62.26
side N [adc counts]
side P [adc counts]

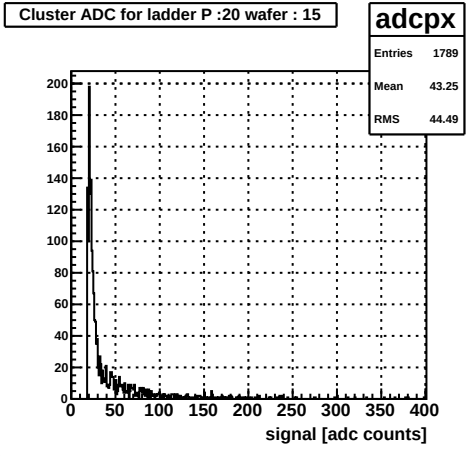

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 113
Mean 81.73
RMS 76.36
signal [adc counts]

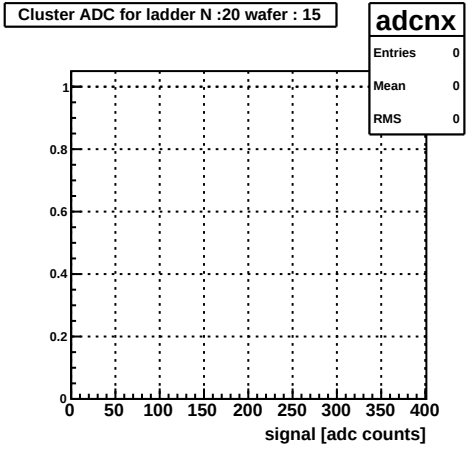

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2237
Mean 67.01
RMS 64.29
signal [adc counts]

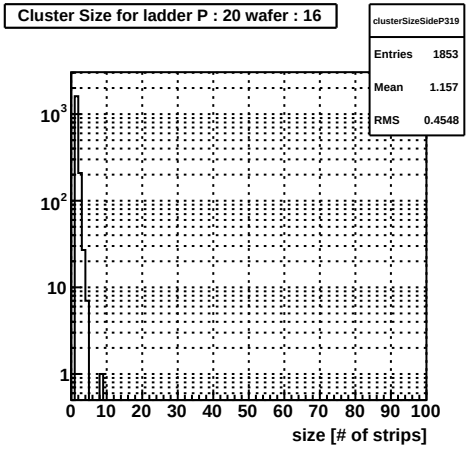

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 1789
Mean 1.122
RMS 0.4022
size [# of strips]

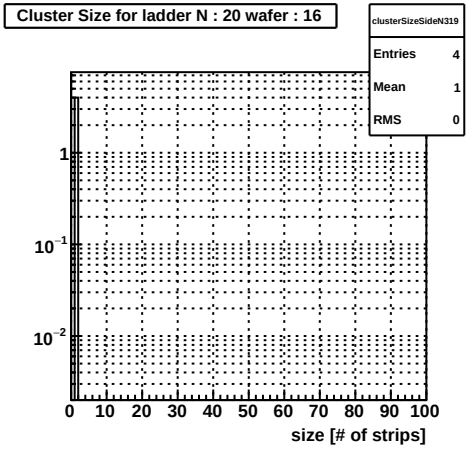

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 0
Mean 0
RMS 0
size [# of strips]

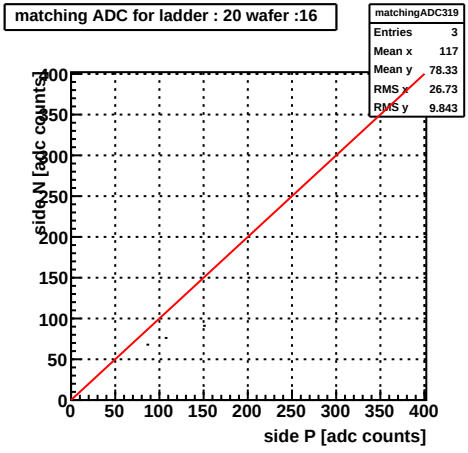

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

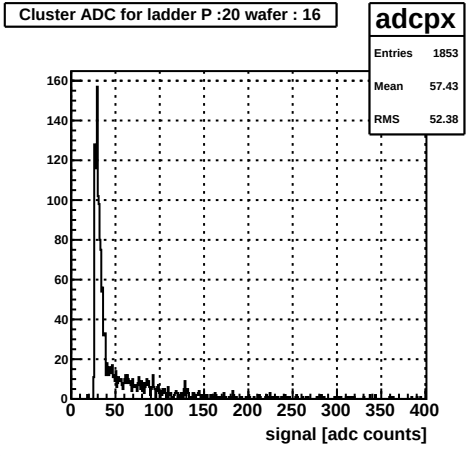

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 1789
Mean 43.25
RMS 44.49
signal [adc counts]

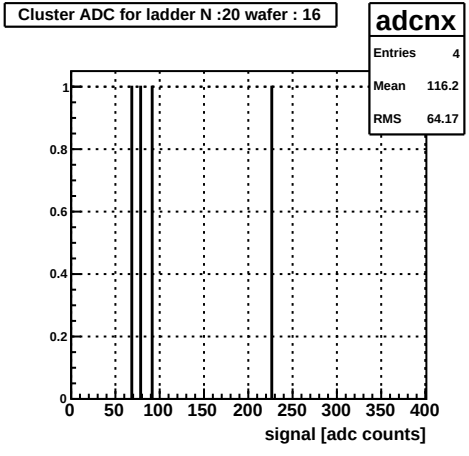

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

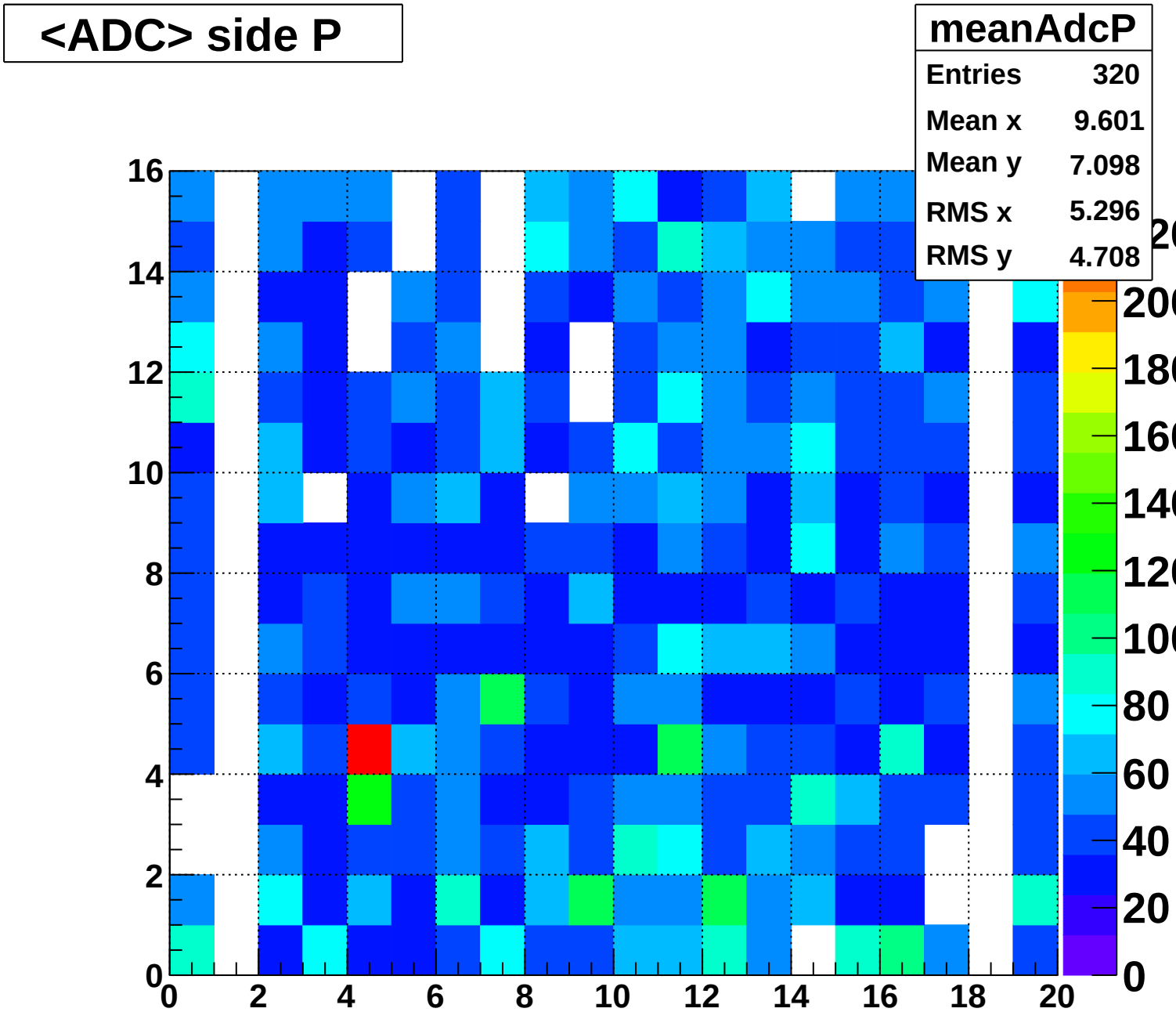

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1853
Mean 1.157
RMS 0.4548
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 4
Mean 1
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 3
Mean x 117
Mean y 78.33
RMS x 26.73
RMS y 9.843
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1853
Mean 57.43
RMS 52.38
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 4
Mean 116.2
RMS 64.17
signal [adc counts]



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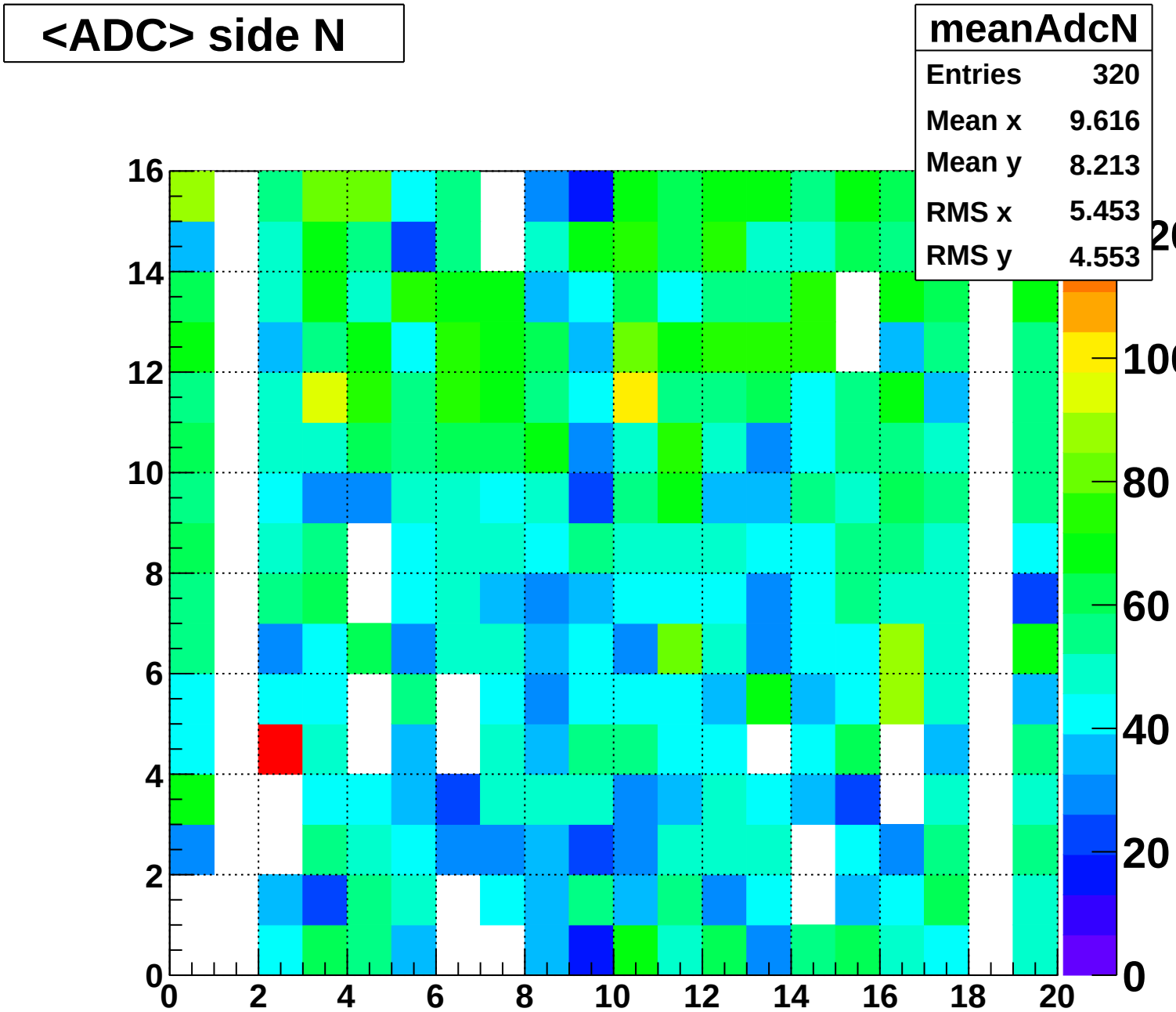

2016-05-17 05:36:11