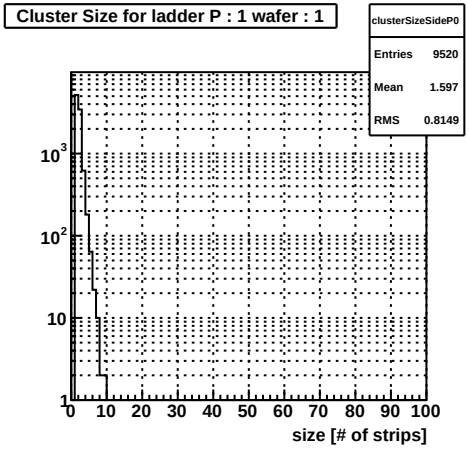
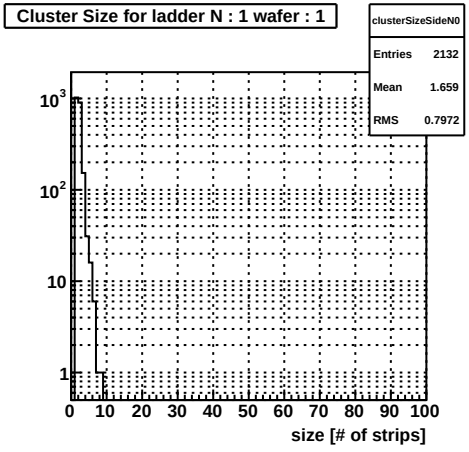
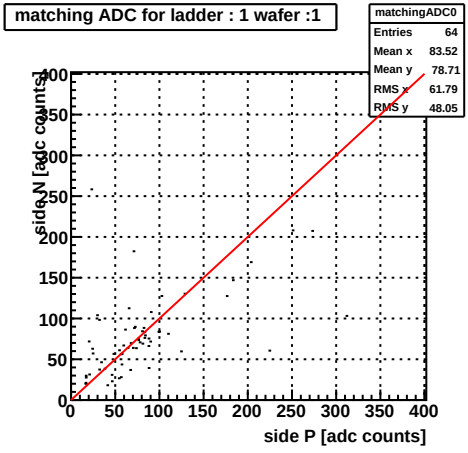
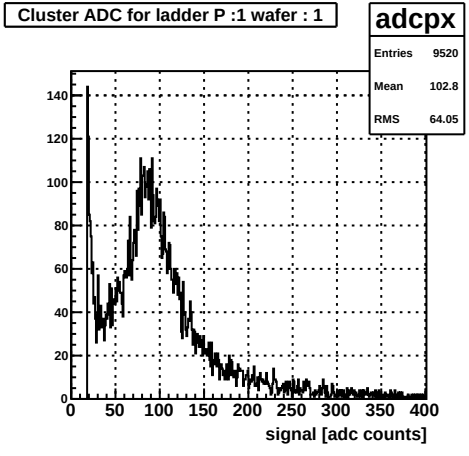
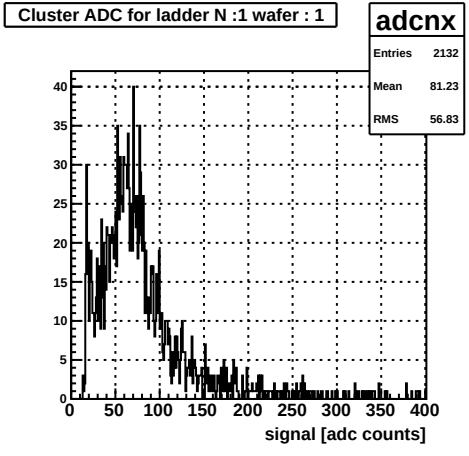
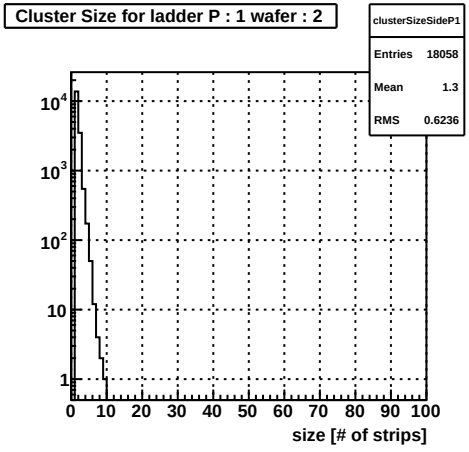

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 9520
Mean 1.597
RMS 0.8149
size [# of strips]

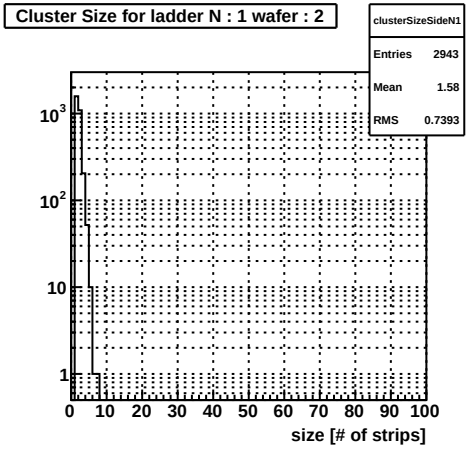

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2132
Mean 1.659
RMS 0.7972
size [# of strips]

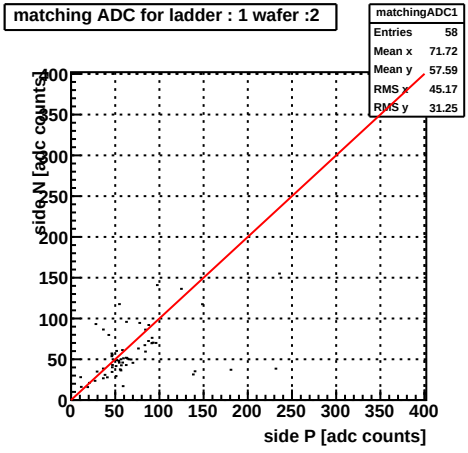

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 64
Mean x 83.52
Mean y 78.71
RMS x 61.79
RMS y 48.05
side N [adc counts]
side P [adc counts]

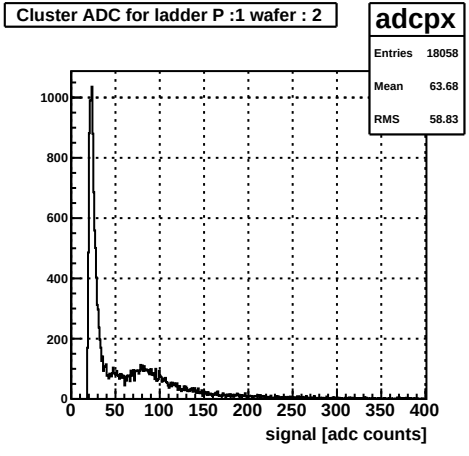

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 9520
Mean 102.8
RMS 64.05
signal [adc counts]

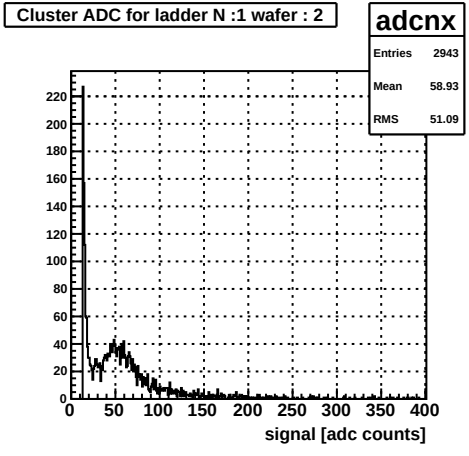

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2132
Mean 81.23
RMS 56.83
signal [adc counts]

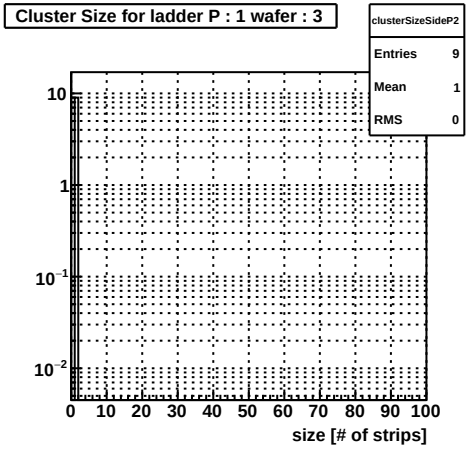

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 18058
Mean 1.3
RMS 0.6236
size [# of strips]

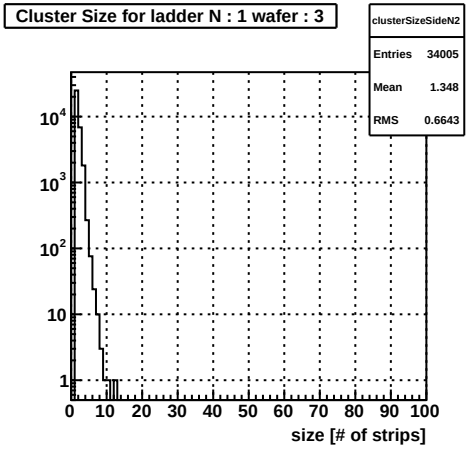

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 2943
Mean 1.58
RMS 0.7393
size [# of strips]

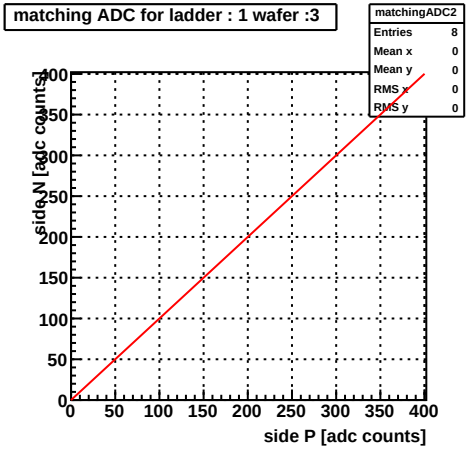

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 58
Mean x 71.72
Mean y 57.59
RMS x 45.17
RMS y 31.25
side N [adc counts]
side P [adc counts]

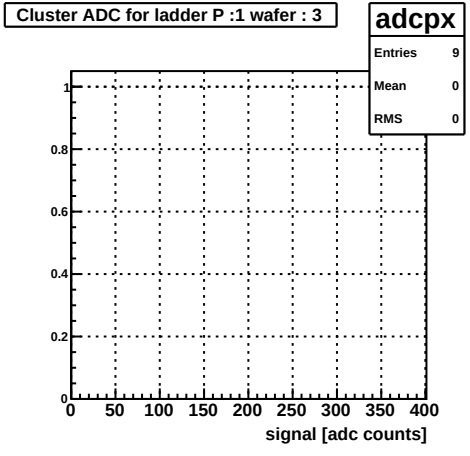

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 18058
Mean 63.68
RMS 58.83
signal [adc counts]

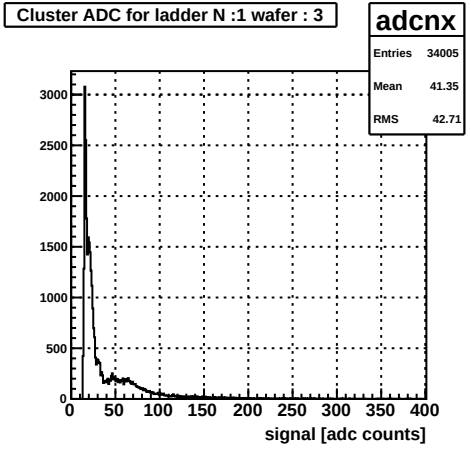

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 2943
Mean 58.93
RMS 51.09
signal [adc counts]

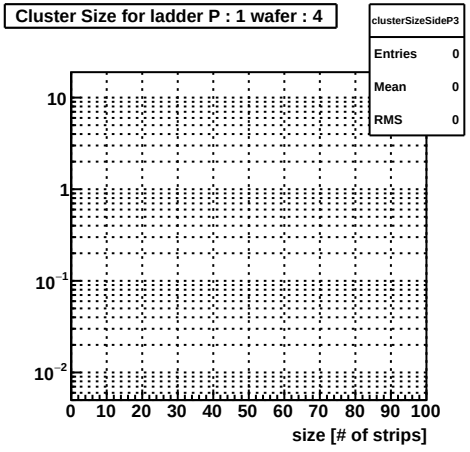

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 9
Mean 1
RMS 0
size [# of strips]

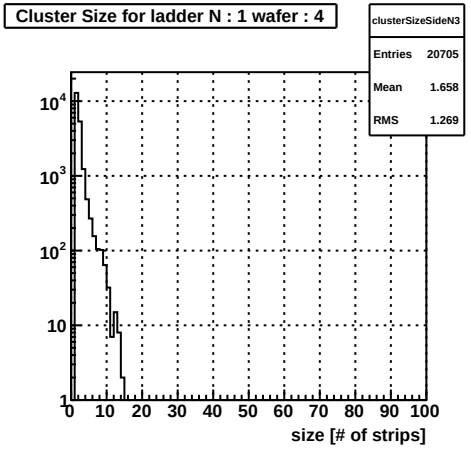

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 34005
Mean 1.348
RMS 0.6643
size [# of strips]

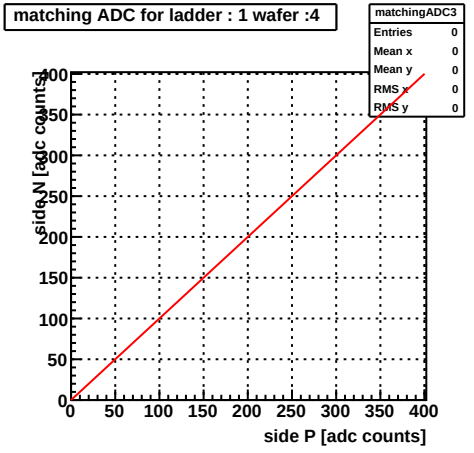

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

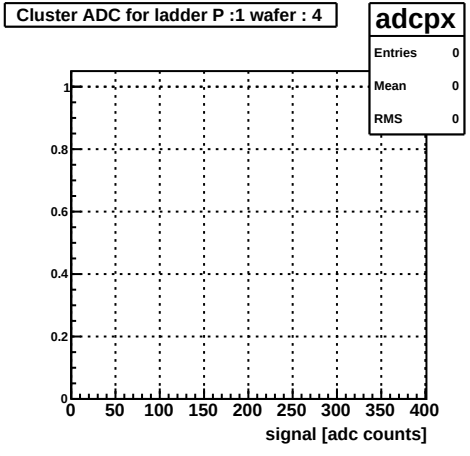

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

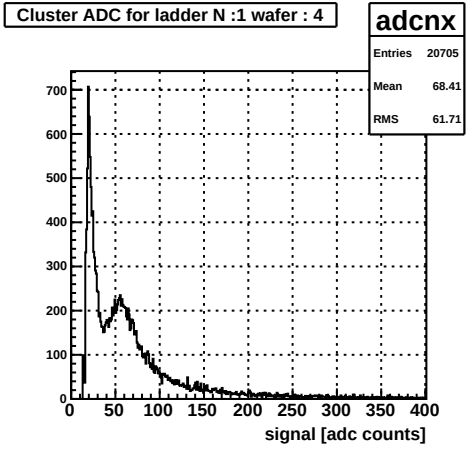

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 34005
Mean 41.35
RMS 42.71
signal [adc counts]

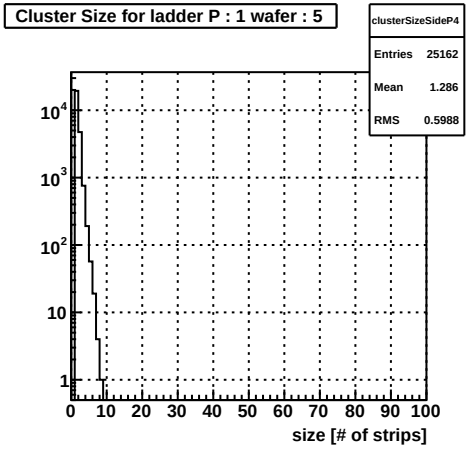

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

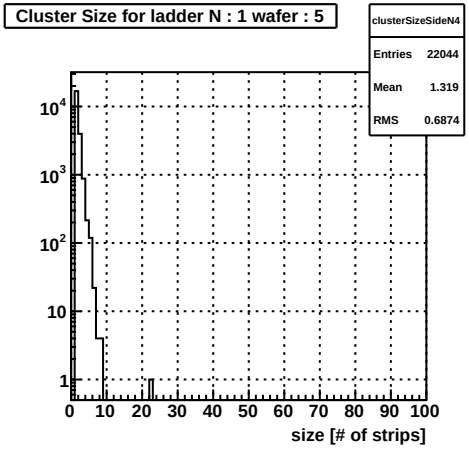

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 20705
Mean 1.658
RMS 1.269
size [# of strips]

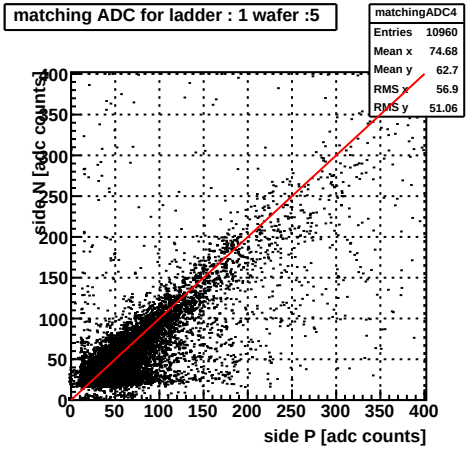

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

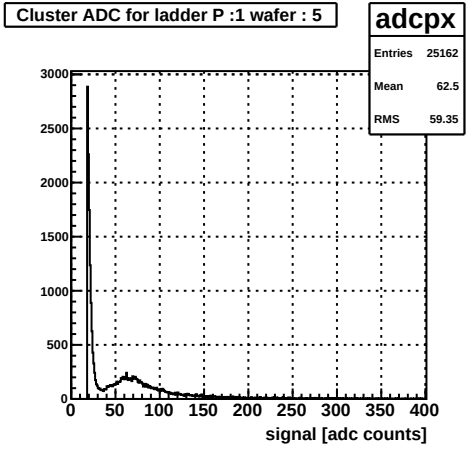

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

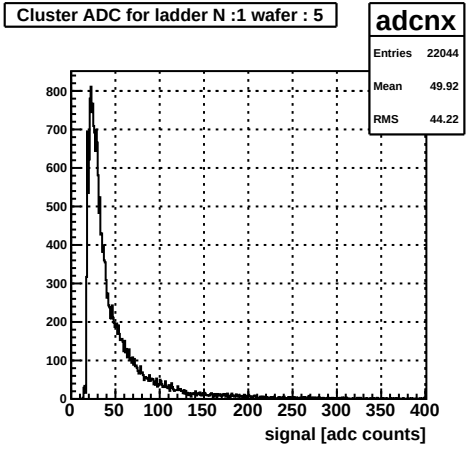

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 20705
Mean 68.41
RMS 61.71
signal [adc counts]

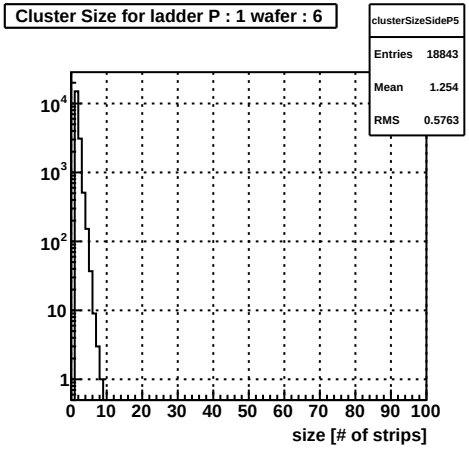

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 25162
Mean 1.286
RMS 0.5988
size [# of strips]

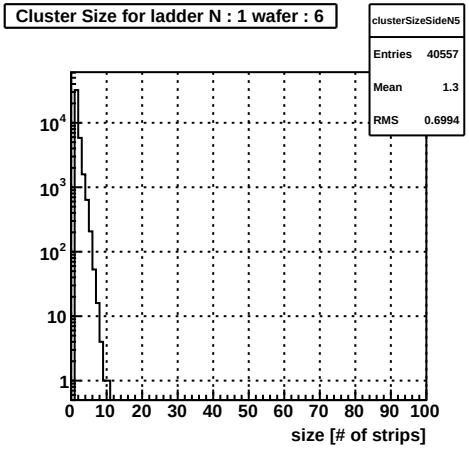

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 22044
Mean 1.319
RMS 0.6874
size [# of strips]

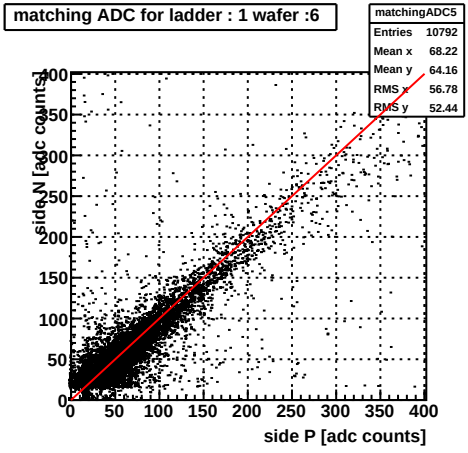

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 10960
Mean x 74.68
Mean y 62.7
RMS x 56.9
RMS y 51.06
side N [adc counts]
side P [adc counts]

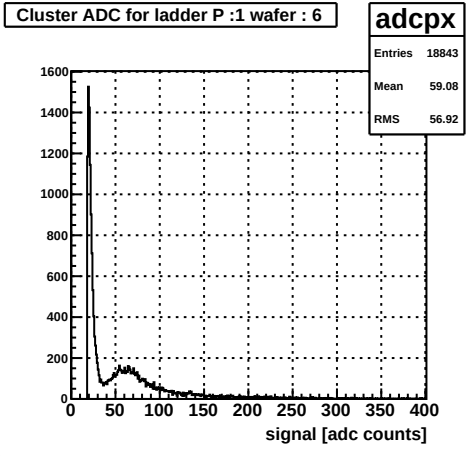

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 25162
Mean 62.5
RMS 59.35
signal [adc counts]

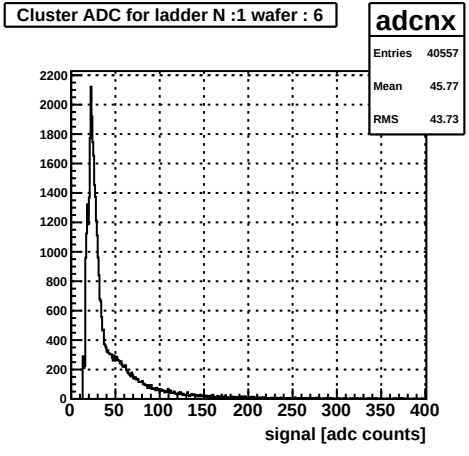

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 22044
Mean 49.92
RMS 44.22
signal [adc counts]

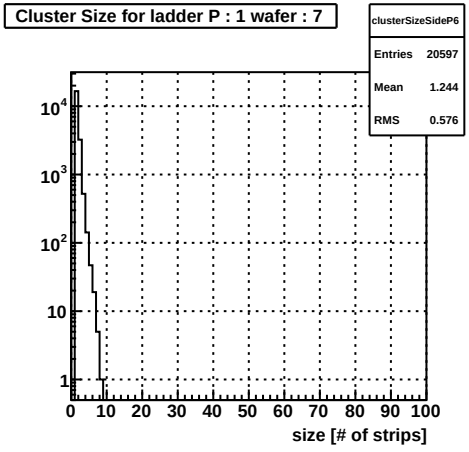

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 18843
Mean 1.254
RMS 0.5763
size [# of strips]

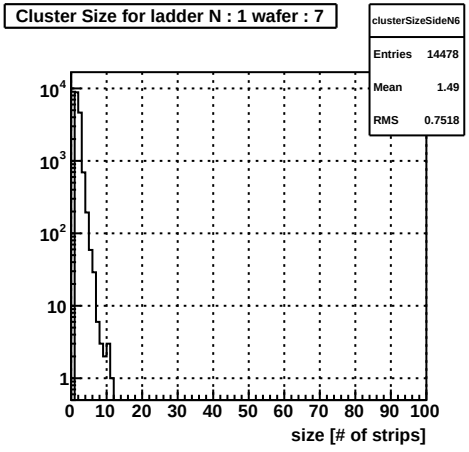

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 40557
Mean 1.3
RMS 0.6994
size [# of strips]

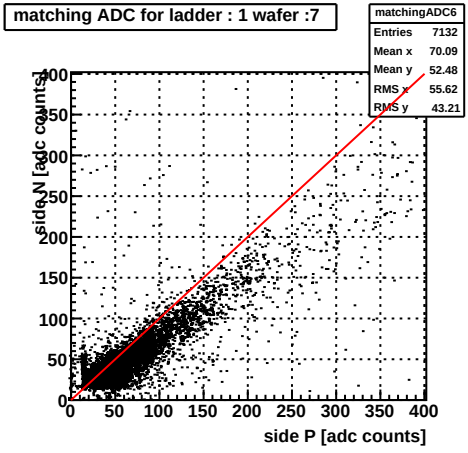

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 10792
Mean x 68.22
Mean y 64.16
RMS x 56.78
RMS y 52.44
side N [adc counts]
side P [adc counts]

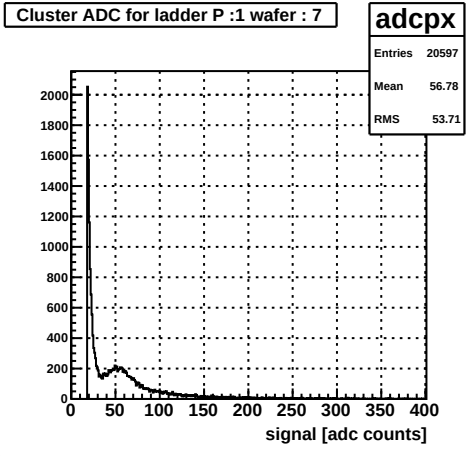

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 18843
Mean 59.08
RMS 56.92
signal [adc counts]

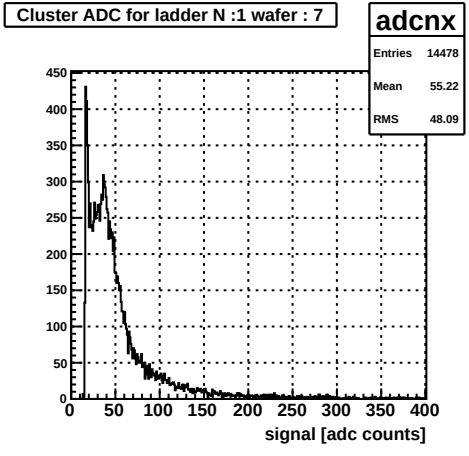

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 40557
Mean 45.77
RMS 43.73
signal [adc counts]

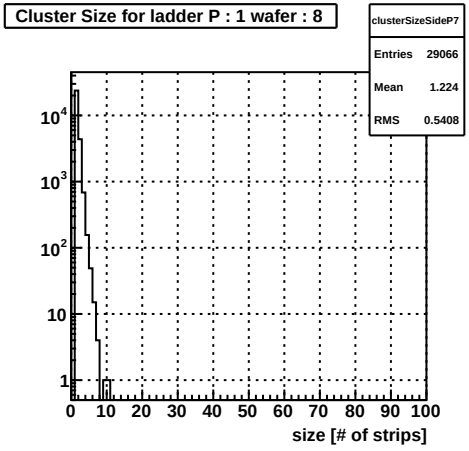

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 20597
Mean 1.244
RMS 0.576
size [# of strips]

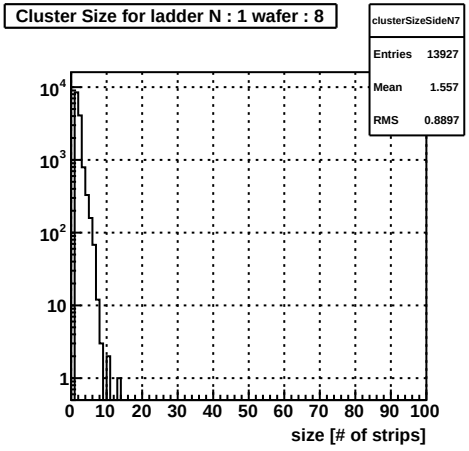

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 14478
Mean 1.49
RMS 0.7518
size [# of strips]

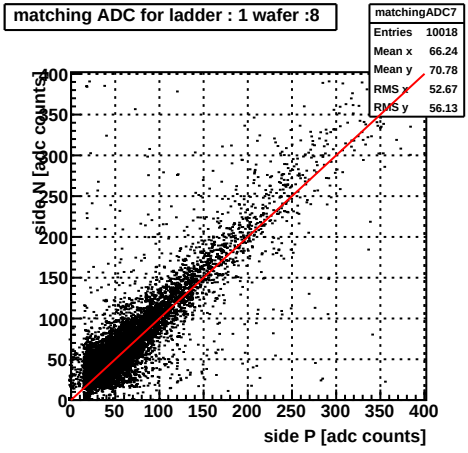

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 7132
Mean x 70.09
Mean y 52.48
RMS x 55.62
RMS y 43.21
side N [adc counts]
side P [adc counts]

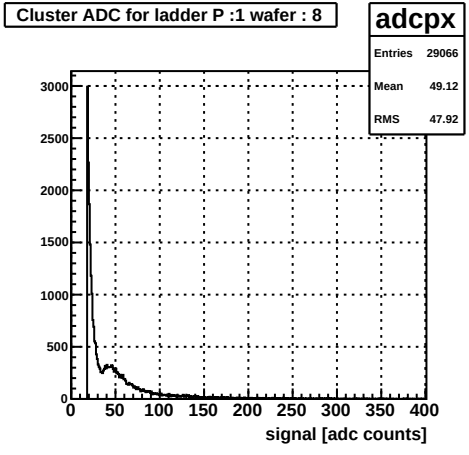

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 20597
Mean 56.78
RMS 53.71
signal [adc counts]

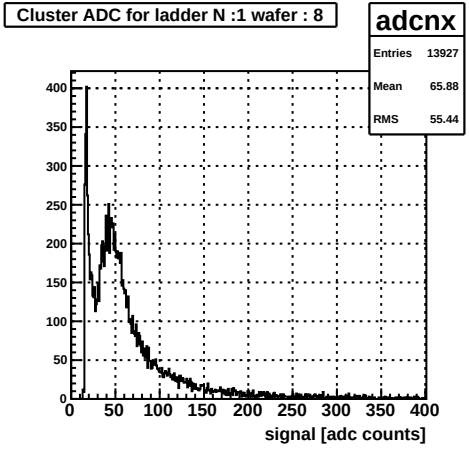

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 14478
Mean 55.22
RMS 48.09
signal [adc counts]

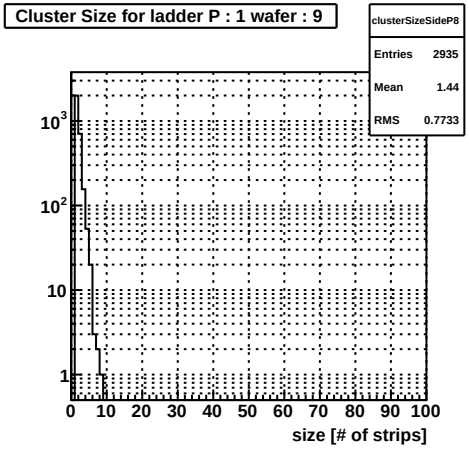

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 29066
Mean 1.224
RMS 0.5408
size [# of strips]

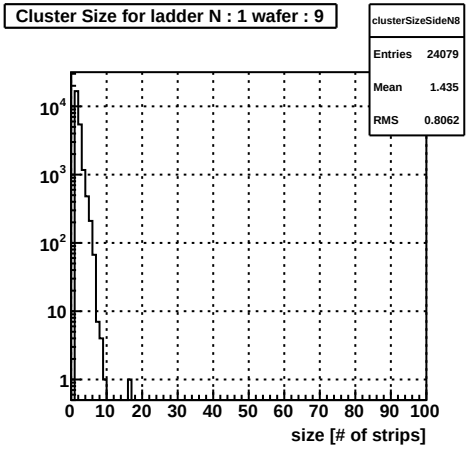

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 13927
Mean 1.557
RMS 0.8897
size [# of strips]

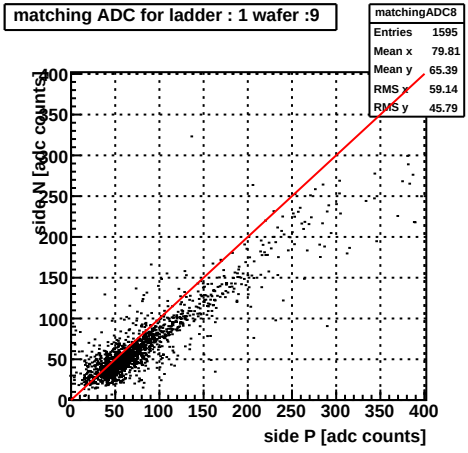

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 10018
Mean x 66.24
Mean y 70.78
RMS x 52.67
RMS y 56.13
side N [adc counts]
side P [adc counts]

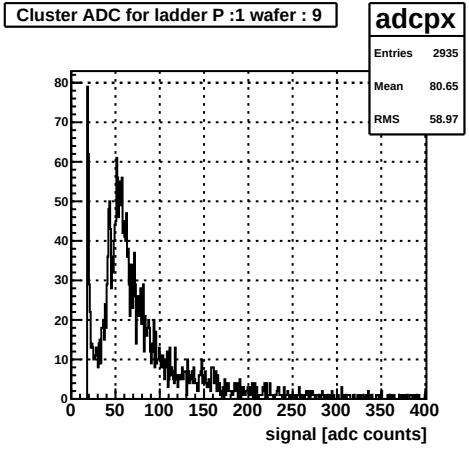

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 29066
Mean 49.12
RMS 47.92
signal [adc counts]

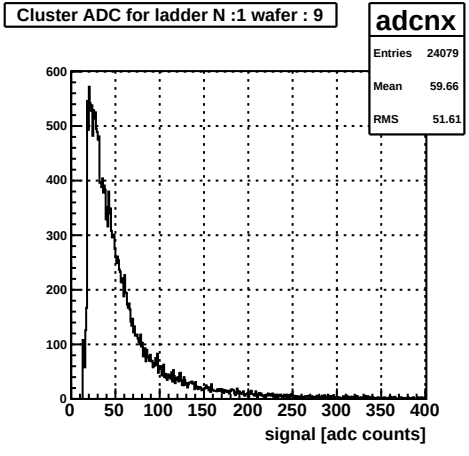

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 13927
Mean 65.88
RMS 55.44
signal [adc counts]

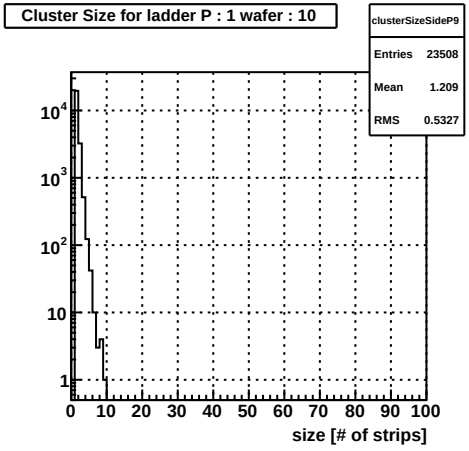

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 2935
Mean 1.44
RMS 0.7733
size [# of strips]

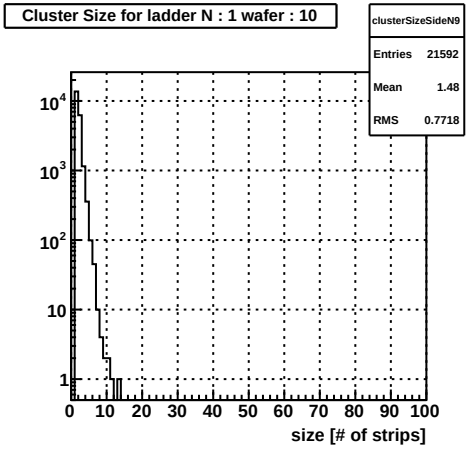

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 24079
Mean 1.435
RMS 0.8062
size [# of strips]

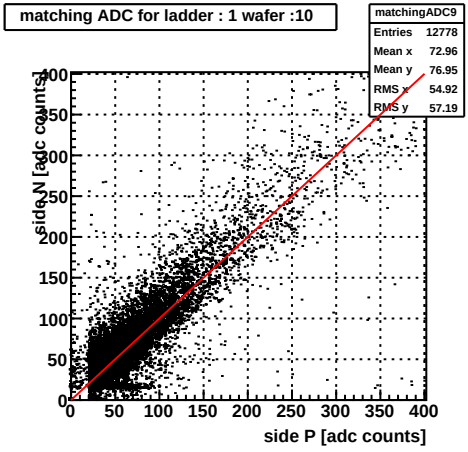

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1595
Mean x 79.81
Mean y 65.39
RMS x 59.14
RMS y 45.79
side N [adc counts]
side P [adc counts]

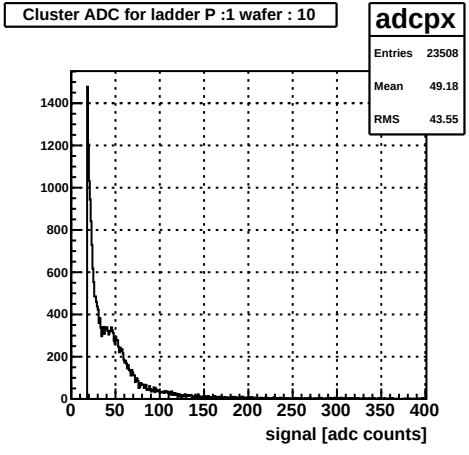

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 2935
Mean 80.65
RMS 58.97
signal [adc counts]

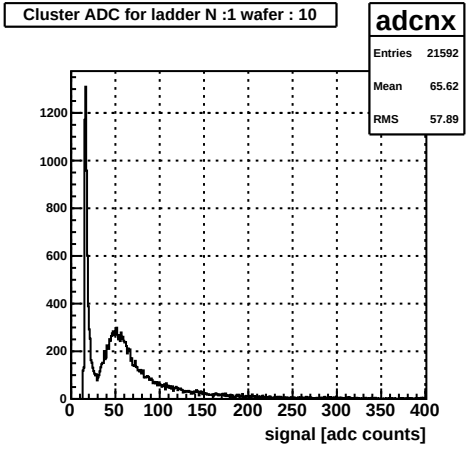

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 24079
Mean 59.66
RMS 51.61
signal [adc counts]

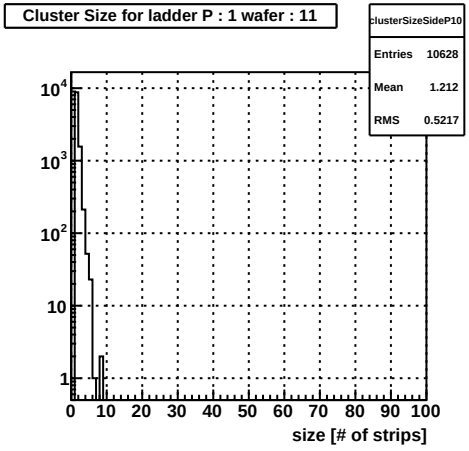

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 23508
Mean 1.209
RMS 0.5327
size [# of strips]

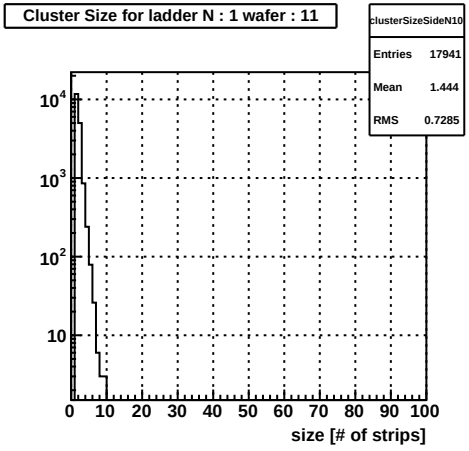

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 21592
Mean 1.48
RMS 0.7718
size [# of strips]

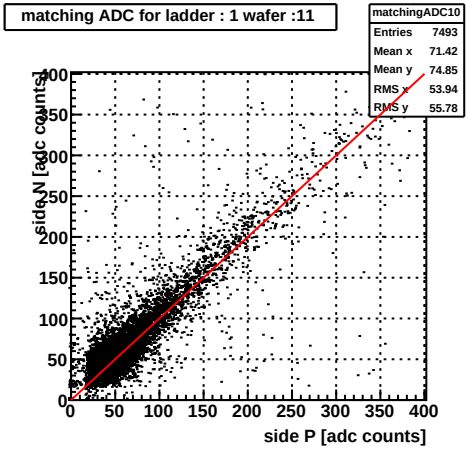

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 12778
Mean x 72.96
Mean y 76.95
RMS x 54.92
RMS y 57.19
side N [adc counts]
side P [adc counts]

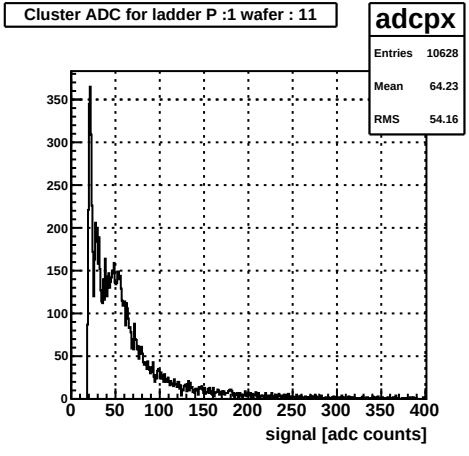

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 23508
Mean 49.18
RMS 43.55
signal [adc counts]

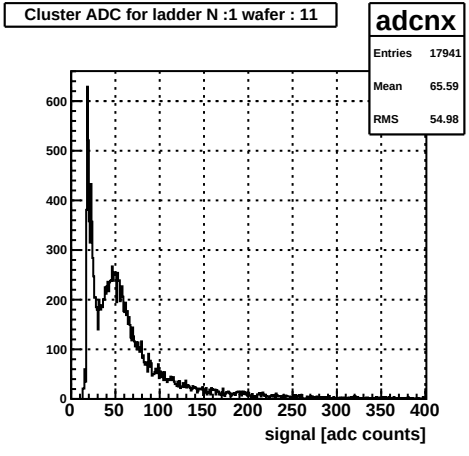

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 21592
Mean 65.62
RMS 57.89
signal [adc counts]

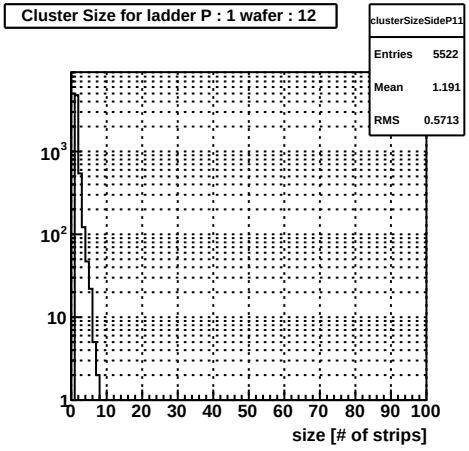

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 10628
Mean 1.212
RMS 0.5217
size [# of strips]

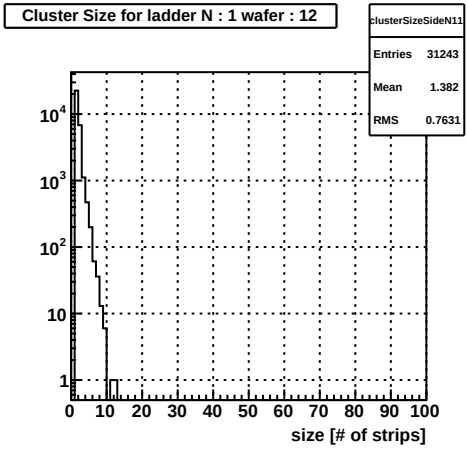

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 17941
Mean 1.444
RMS 0.7285
size [# of strips]

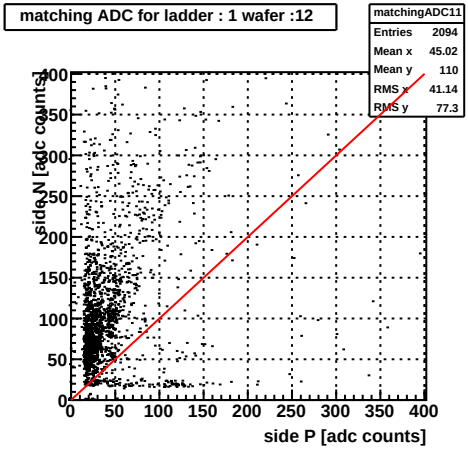

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 7493
Mean x 71.42
Mean y 74.85
RMS x 53.94
RMS y 55.78
side N [adc counts]
side P [adc counts]

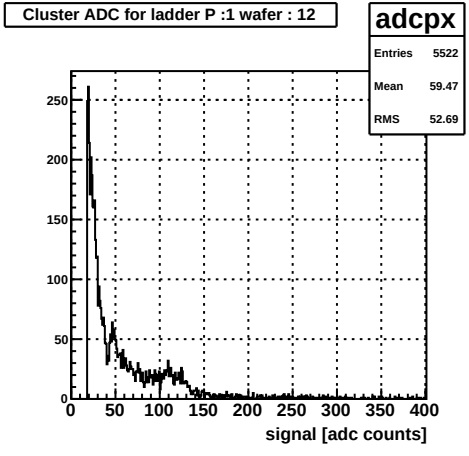

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 10628
Mean 64.23
RMS 54.16
signal [adc counts]

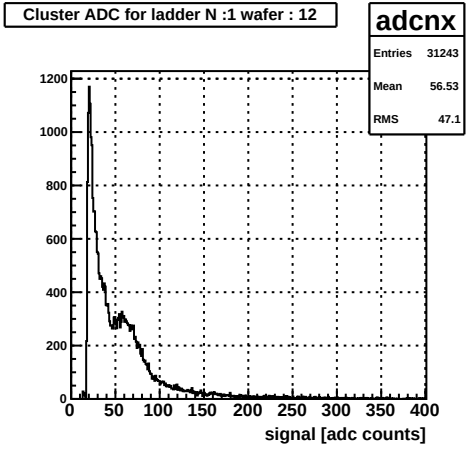

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 17941
Mean 65.59
RMS 54.98
signal [adc counts]

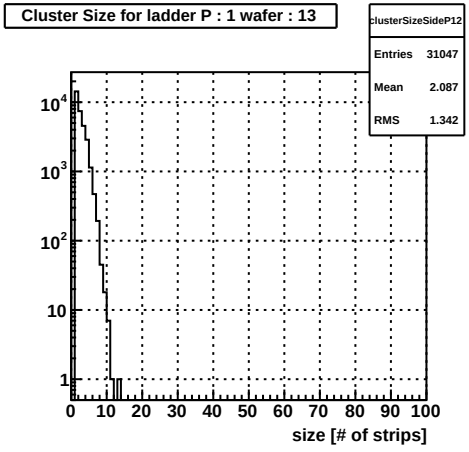

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 5522
Mean 1.191
RMS 0.5713
size [# of strips]

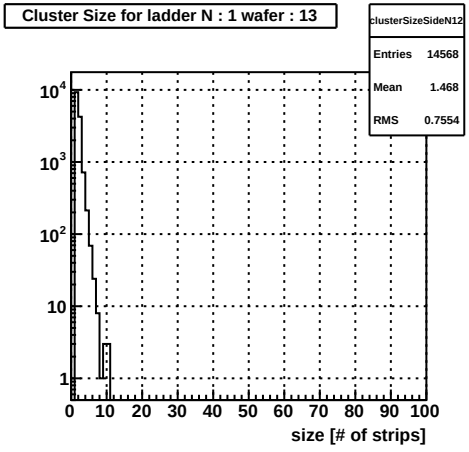

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 31243
Mean 1.382
RMS 0.7631
size [# of strips]

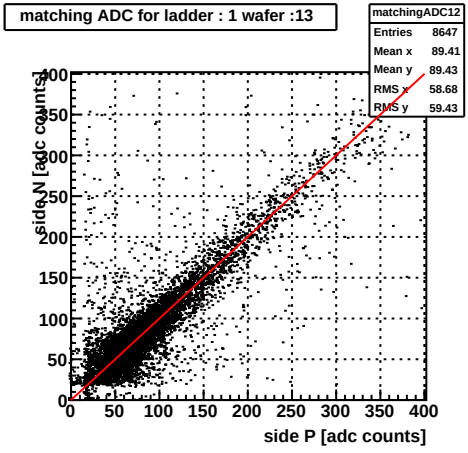

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2094
Mean x 45.02
Mean y 110
RMS x 41.14
RMS y 77.3
side N [adc counts]
side P [adc counts]

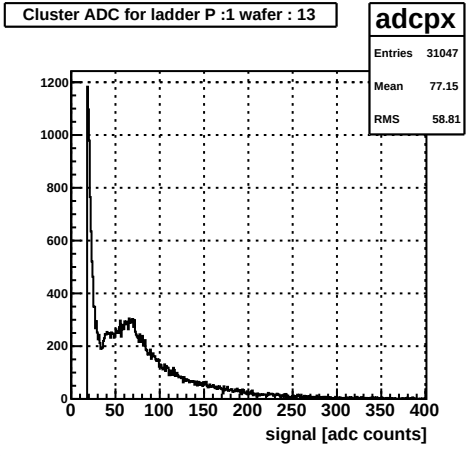

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 5522
Mean 59.47
RMS 52.69
signal [adc counts]

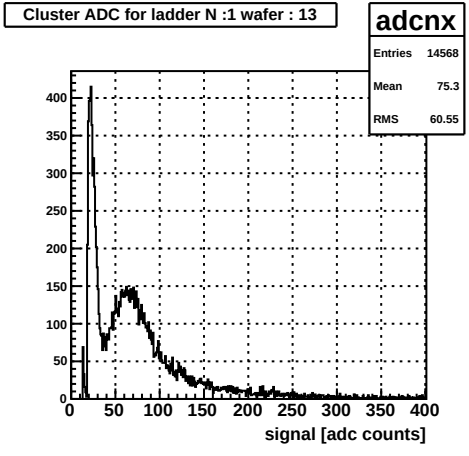

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 31243
Mean 56.53
RMS 47.1
signal [adc counts]

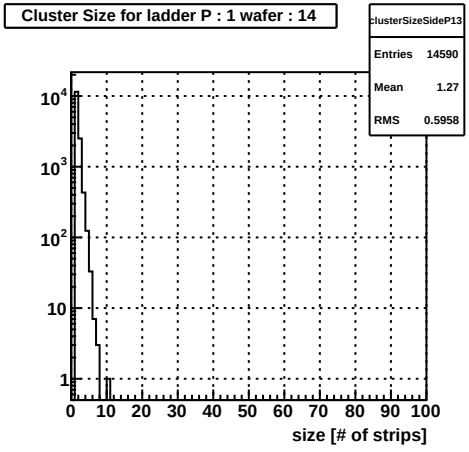

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 31047
Mean 2.087
RMS 1.342
size [# of strips]

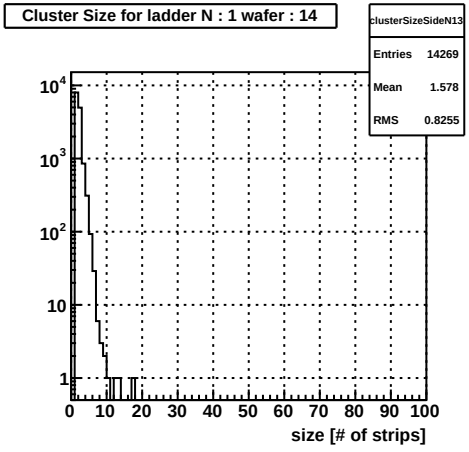

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 14568
Mean 1.468
RMS 0.7554
size [# of strips]

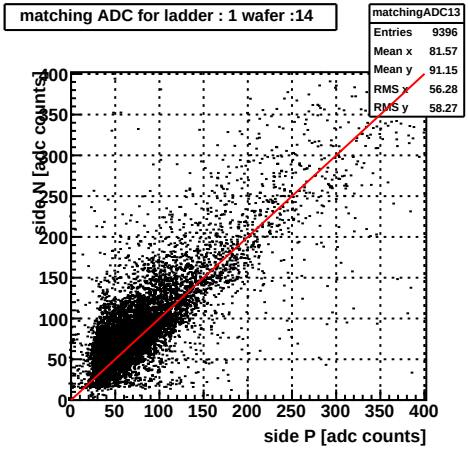

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 8647
Mean x 89.41
Mean y 89.43
RMS x 58.68
RMS y 59.43
side N [adc counts]
side P [adc counts]

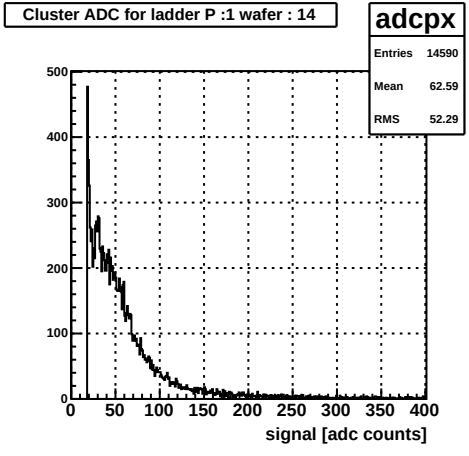

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 31047
Mean 77.15
RMS 58.81
signal [adc counts]

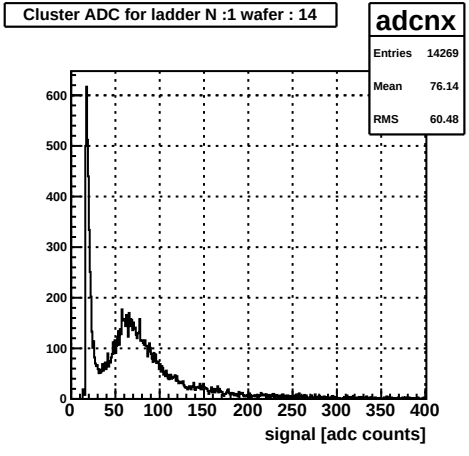

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 14568
Mean 75.3
RMS 60.55
signal [adc counts]

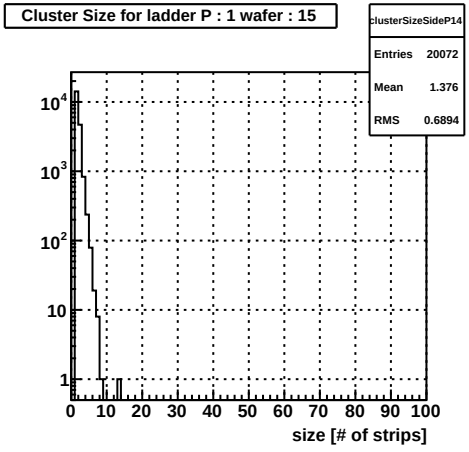

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 14590
Mean 1.27
RMS 0.5958
size [# of strips]

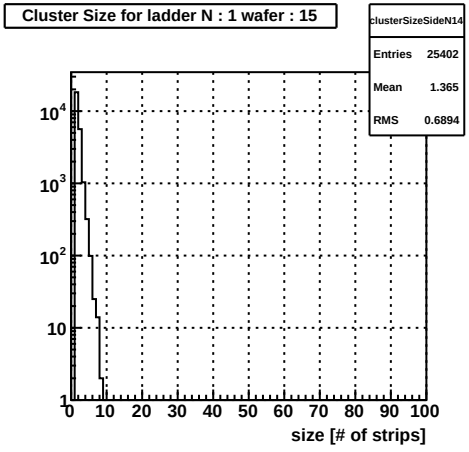

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 14269
Mean 1.578
RMS 0.8255
size [# of strips]

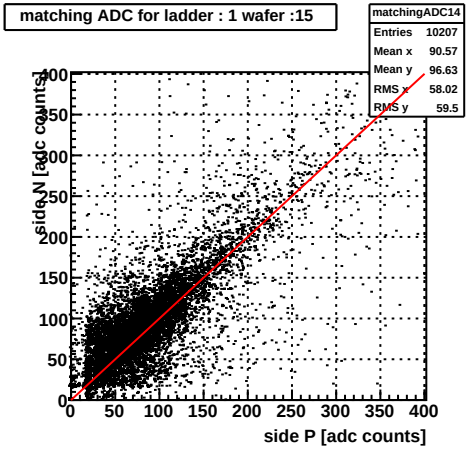

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 9396
Mean x 81.57
Mean y 91.15
RMS x 56.28
RMS y 58.27
side N [adc counts]
side P [adc counts]

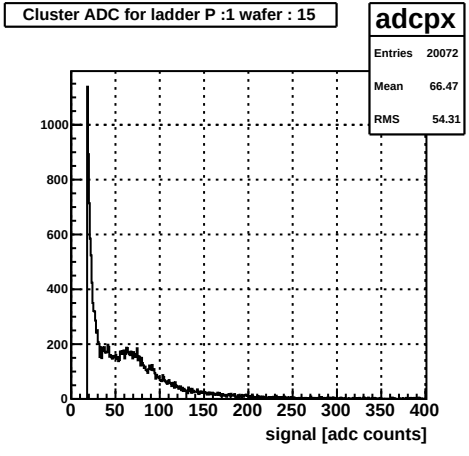

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 14590
Mean 62.59
RMS 52.29
signal [adc counts]

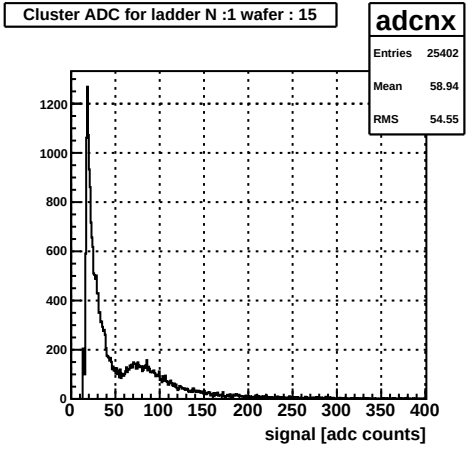

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 14269
Mean 76.14
RMS 60.48
signal [adc counts]

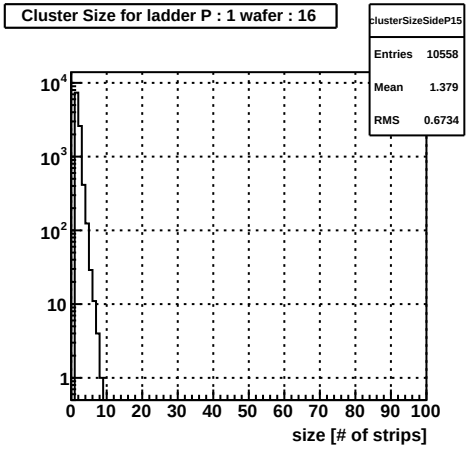

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 20072
Mean 1.376
RMS 0.6894
size [# of strips]

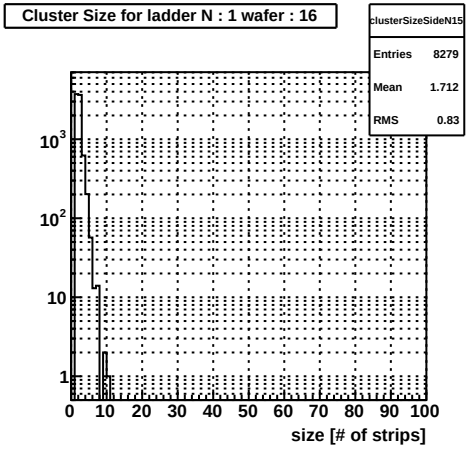

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 25402
Mean 1.365
RMS 0.6894
size [# of strips]

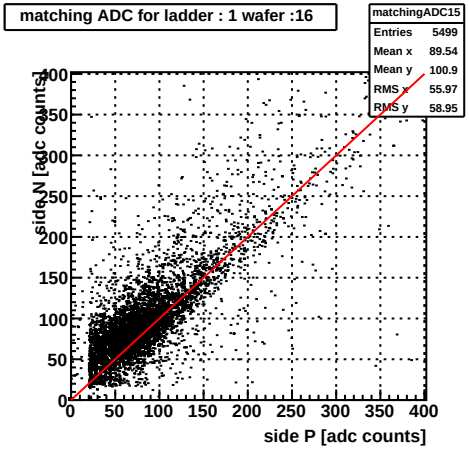

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 10207
Mean x 90.57
Mean y 96.63
RMS x 58.02
RMS y 59.5
side N [adc counts]
side P [adc counts]

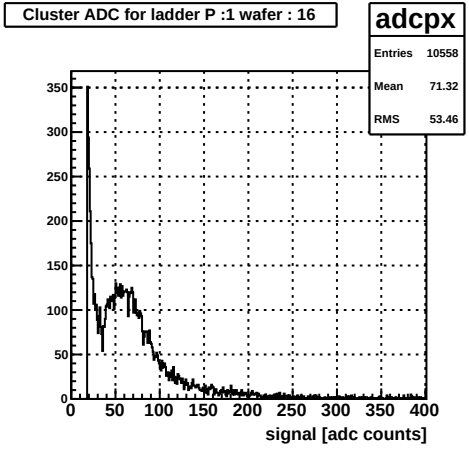

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 20072
Mean 66.47
RMS 54.31
signal [adc counts]

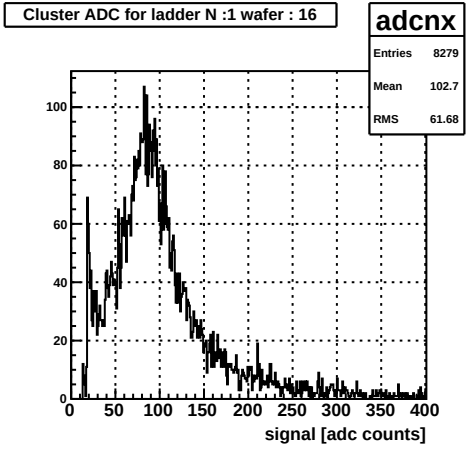

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 25402
Mean 58.94
RMS 54.55
signal [adc counts]

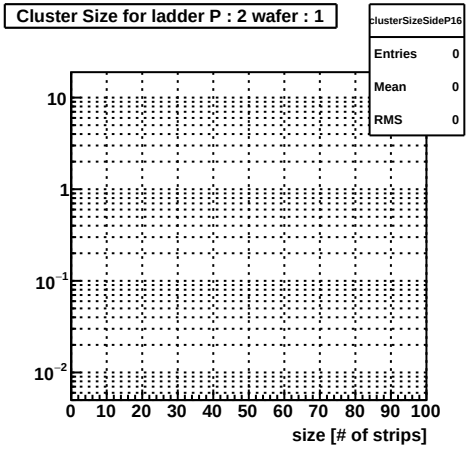

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 10558
Mean 1.379
RMS 0.6734
size [# of strips]

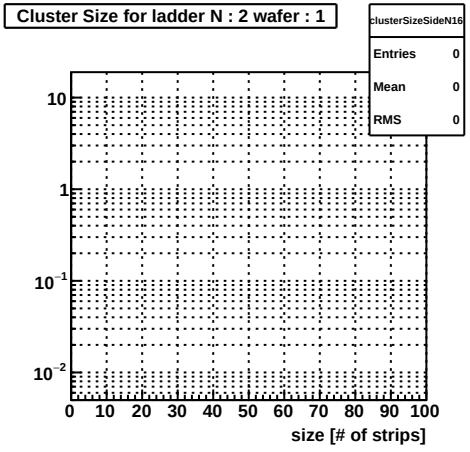

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 8279
Mean 1.712
RMS 0.83
size [# of strips]

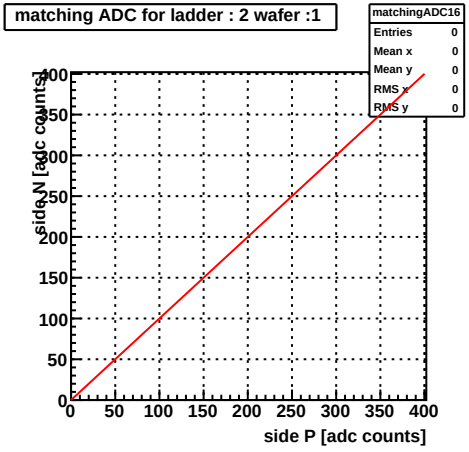

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 5499
Mean x 89.54
Mean y 100.9
RMS x 55.97
RMS y 58.95
side N [adc counts]
side P [adc counts]

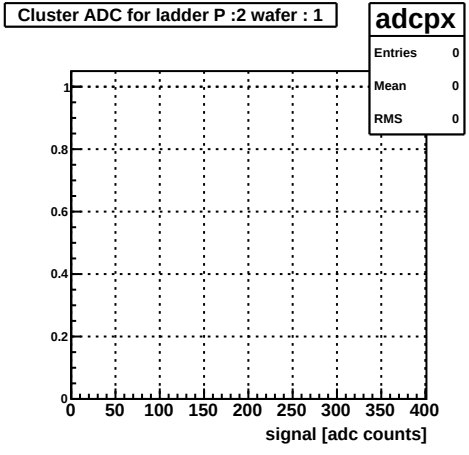

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 10558
Mean 71.32
RMS 53.46
signal [adc counts]

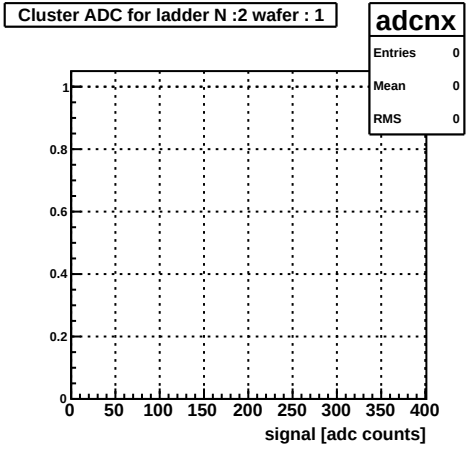

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 8279
Mean 102.7
RMS 61.68
signal [adc counts]

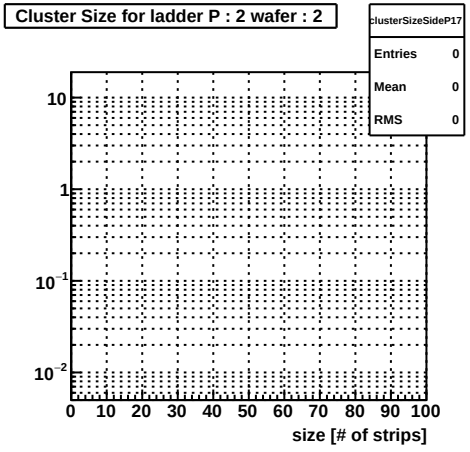

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

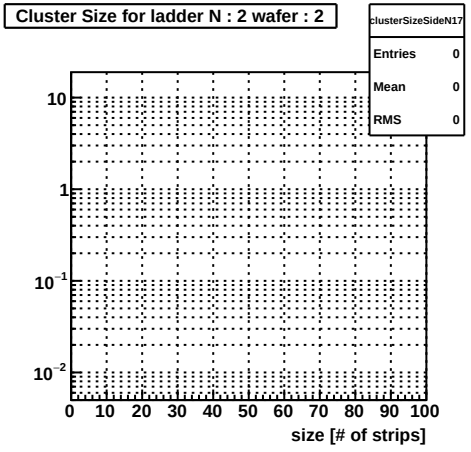

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

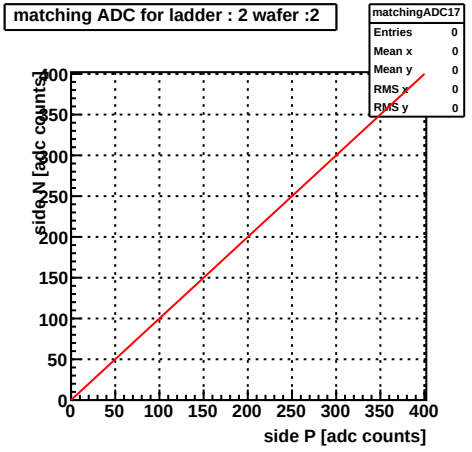

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

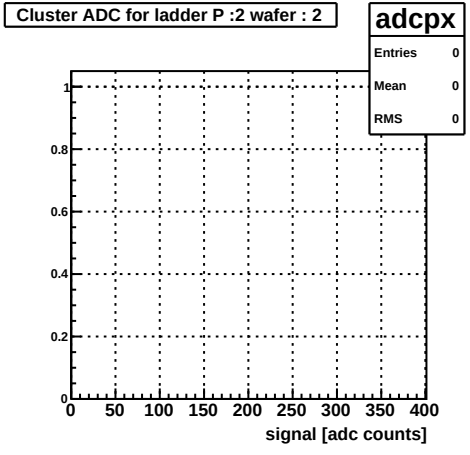

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

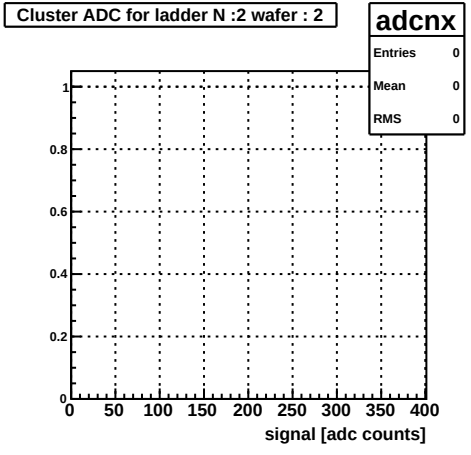

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

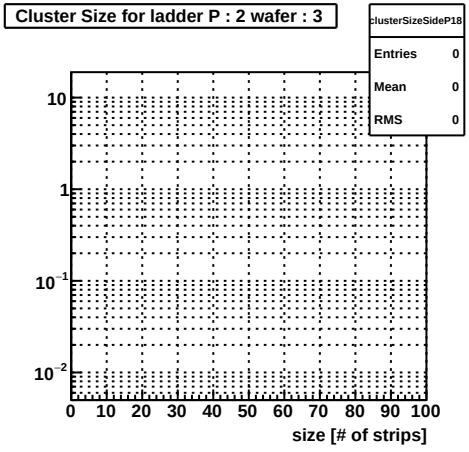

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

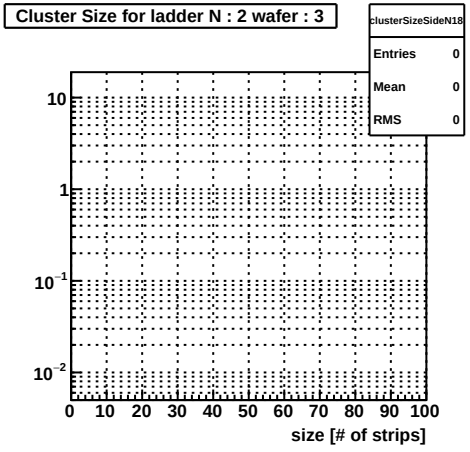

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

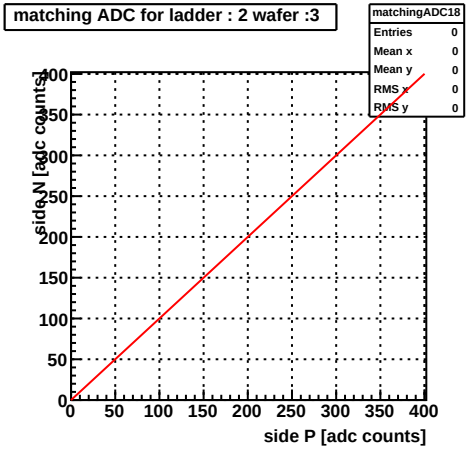

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

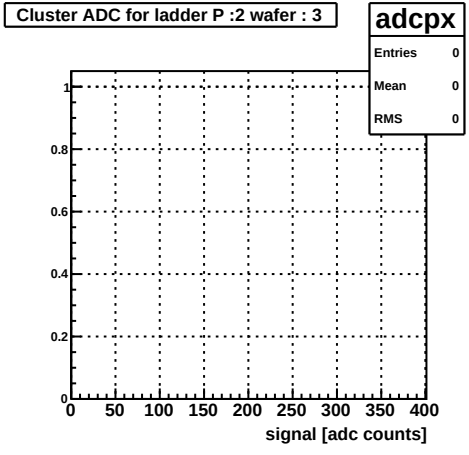

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

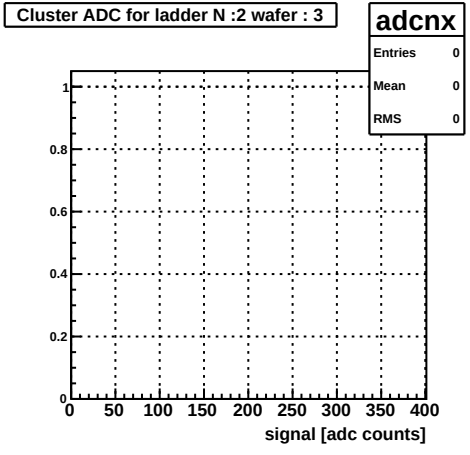

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

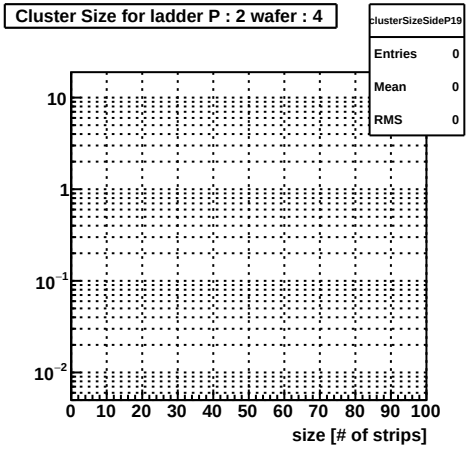

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

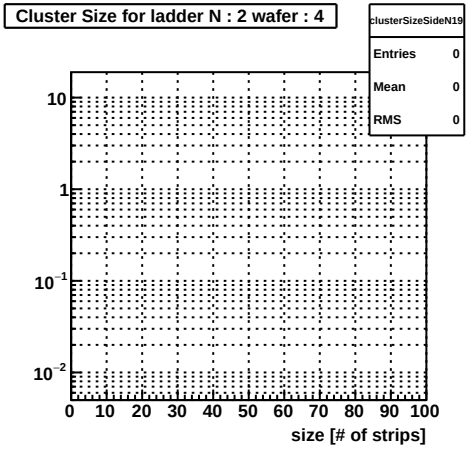

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

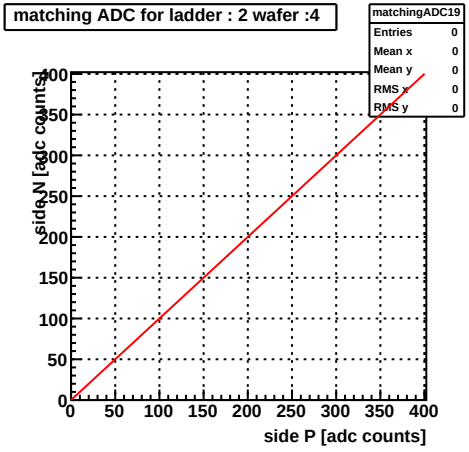

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

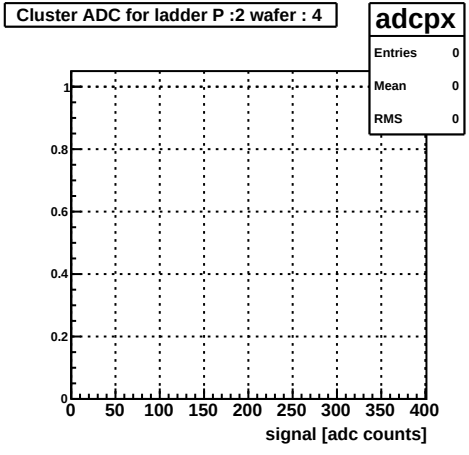

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

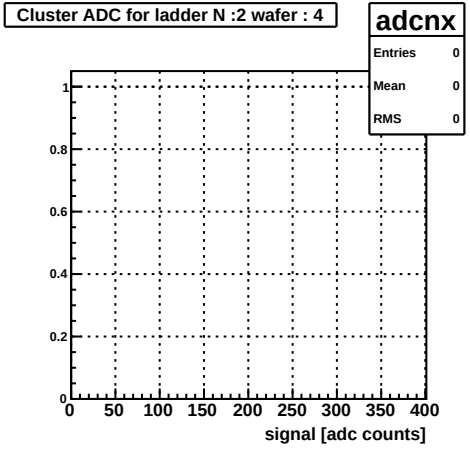

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

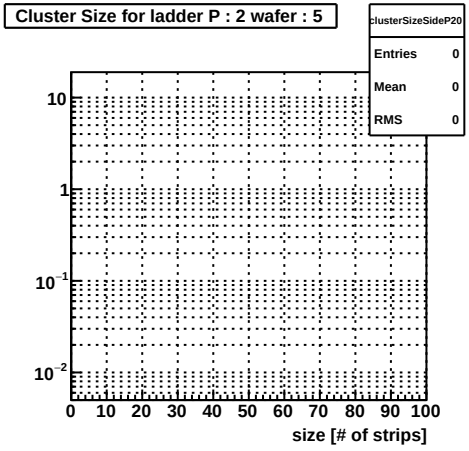

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

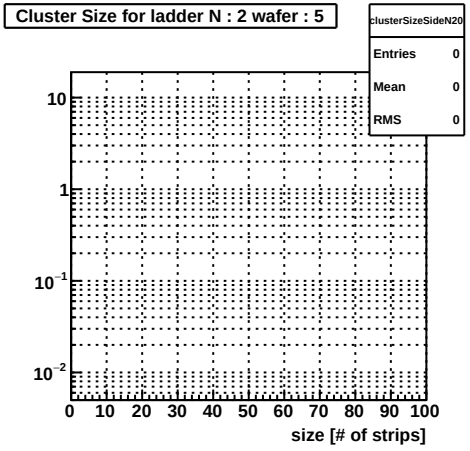

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

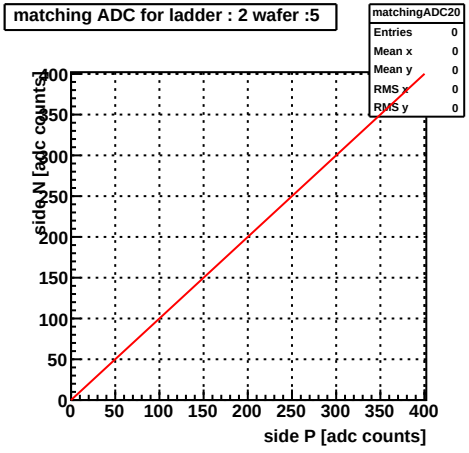

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

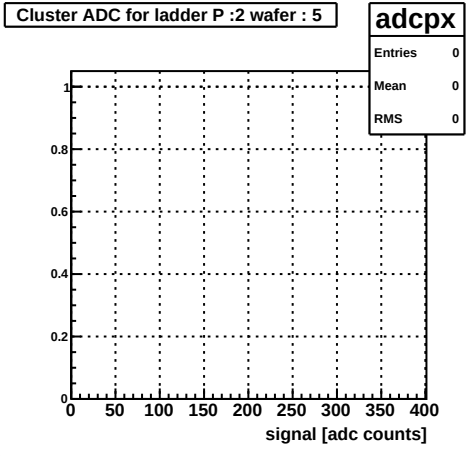

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

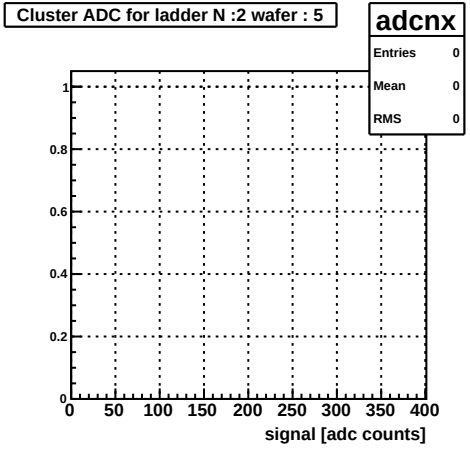

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

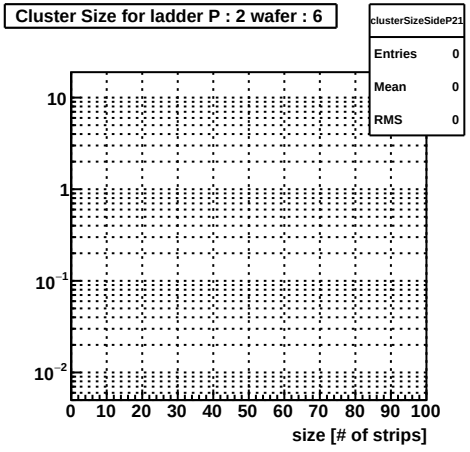

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

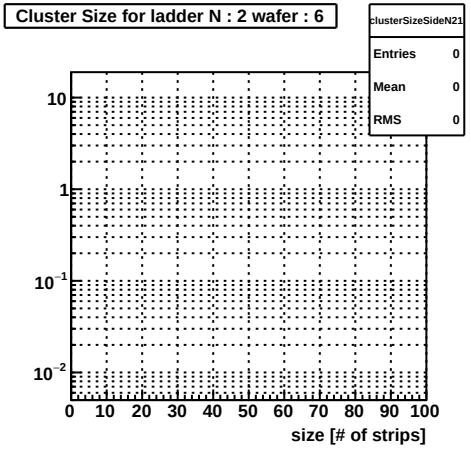

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

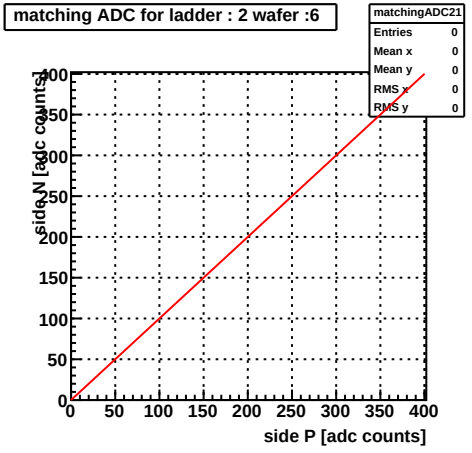

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

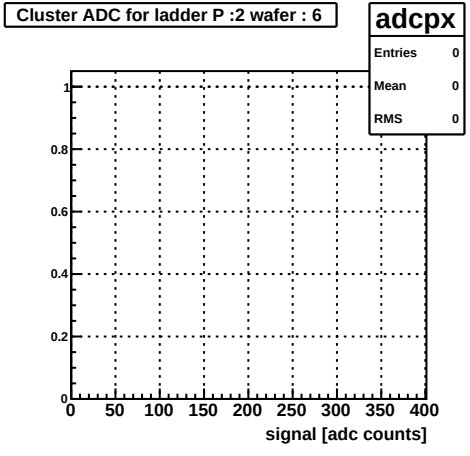

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

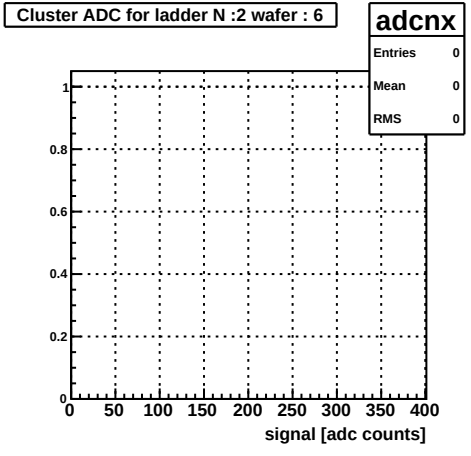

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

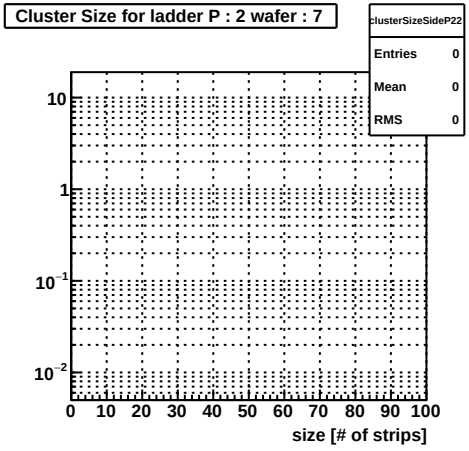

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

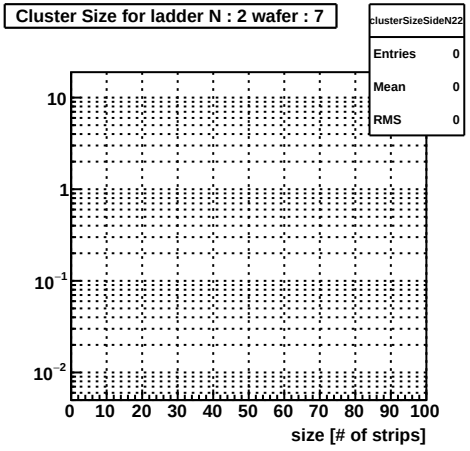

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

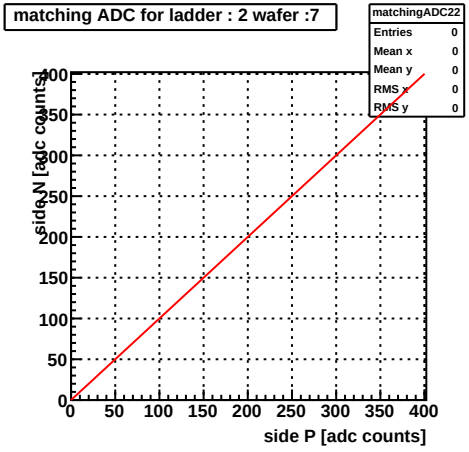

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

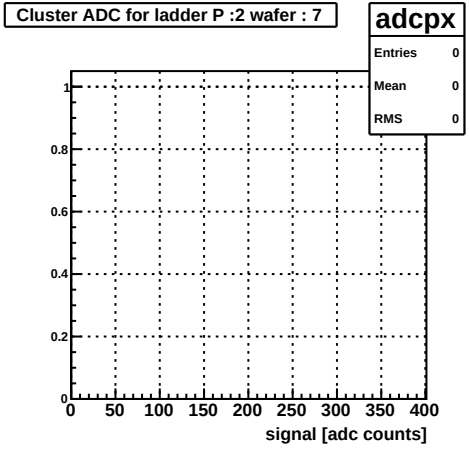

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

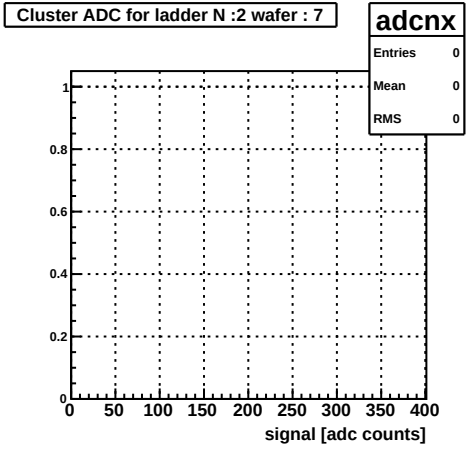

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

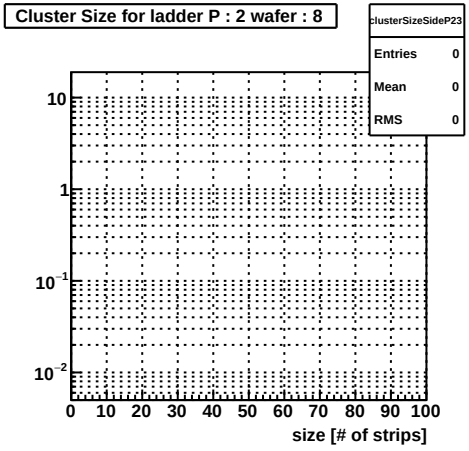

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

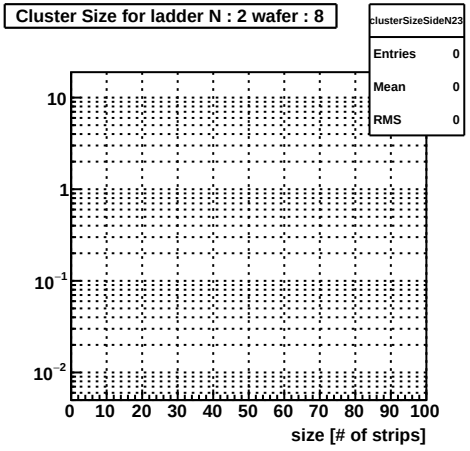

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

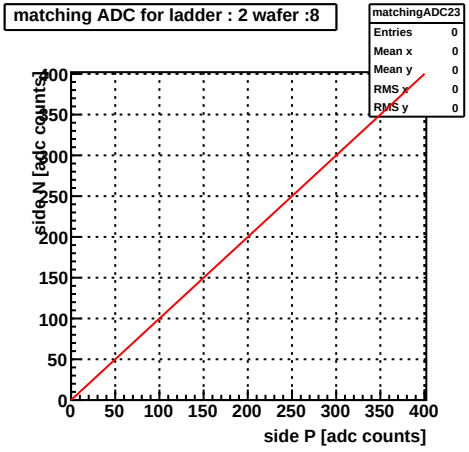

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

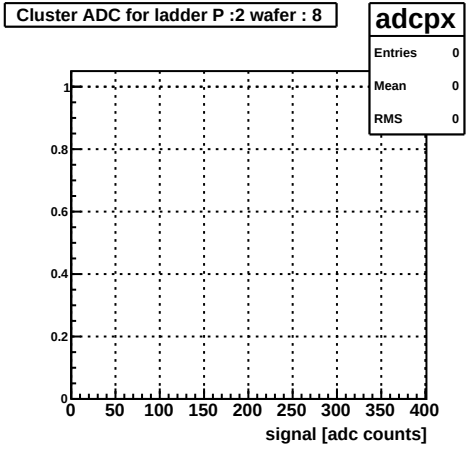

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

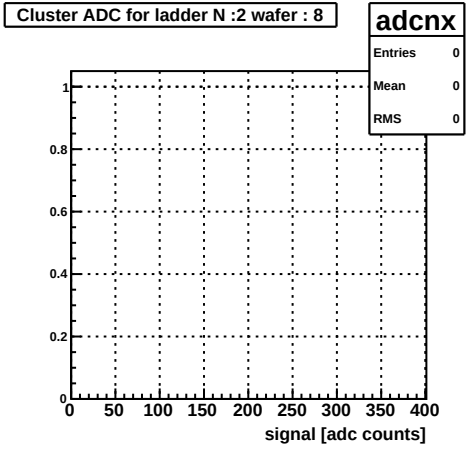

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

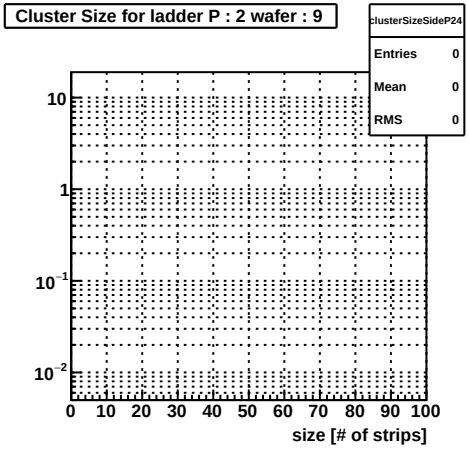

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

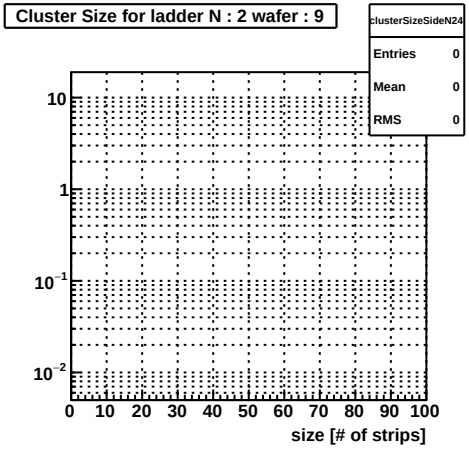

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

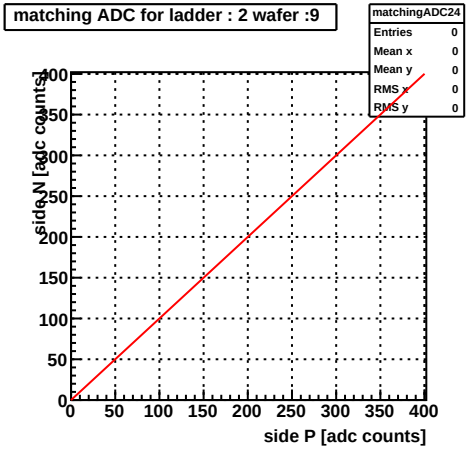

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

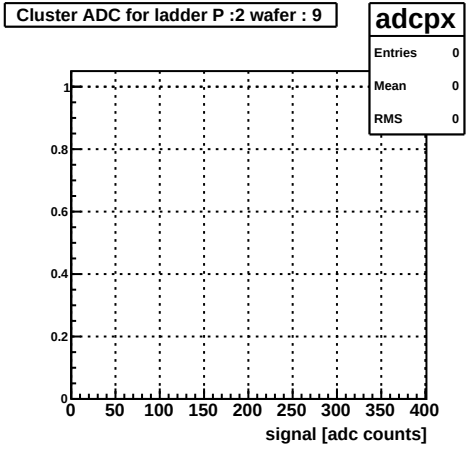

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

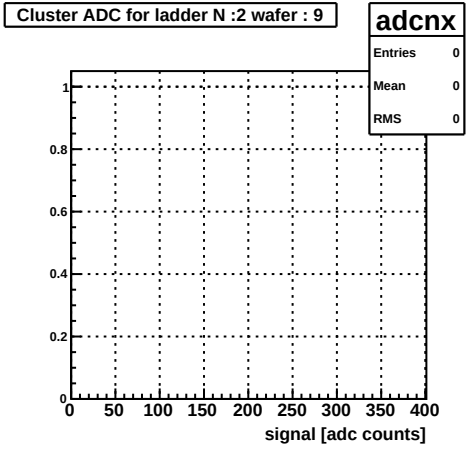

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

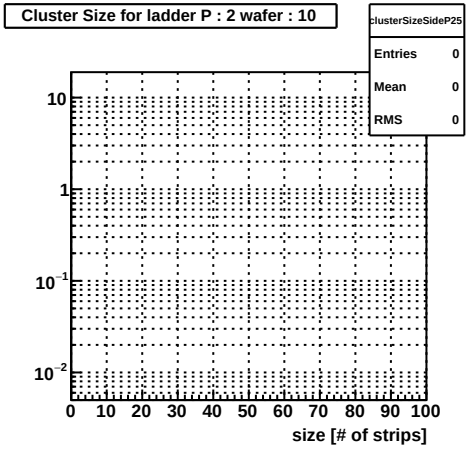

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

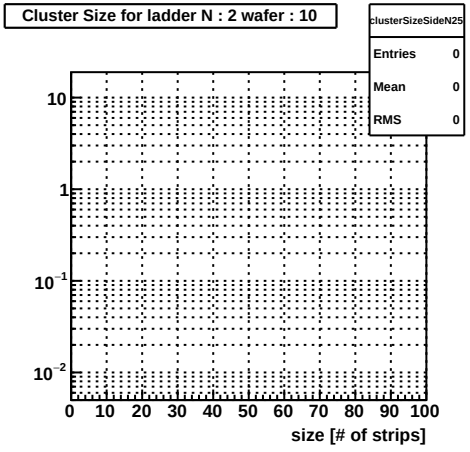

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

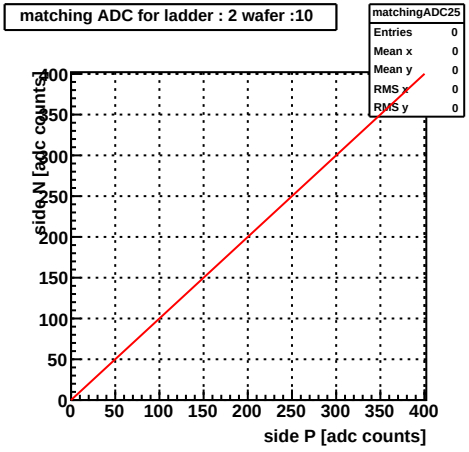

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

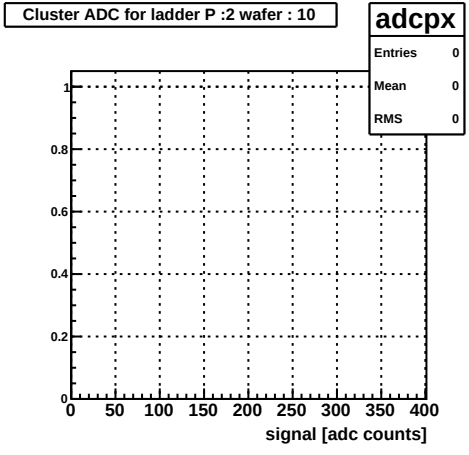

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

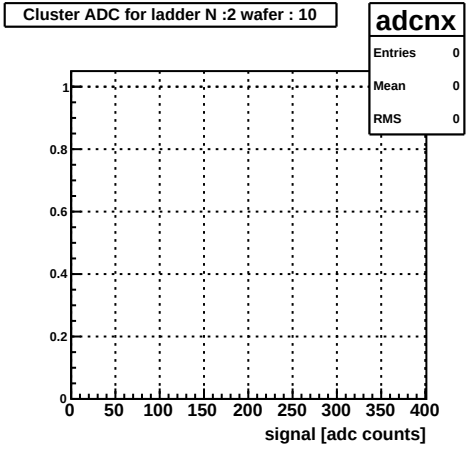

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

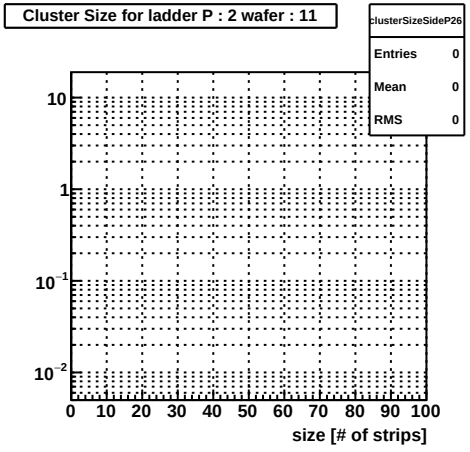

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

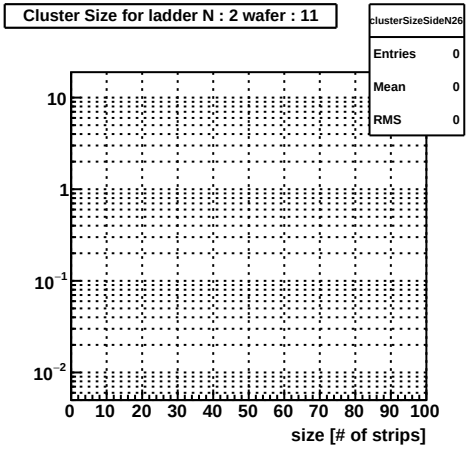

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

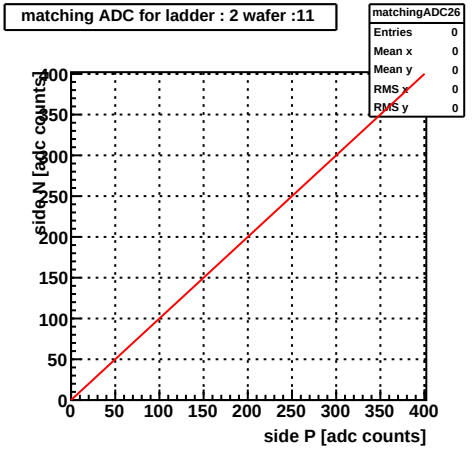

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

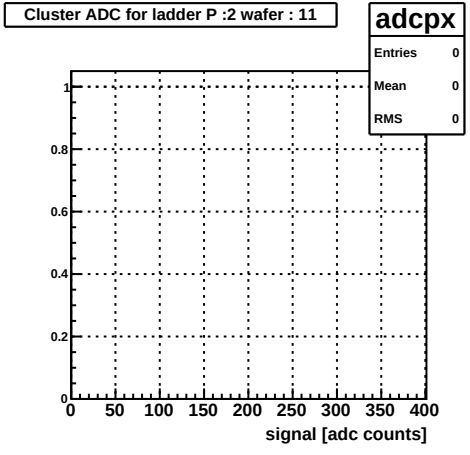

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

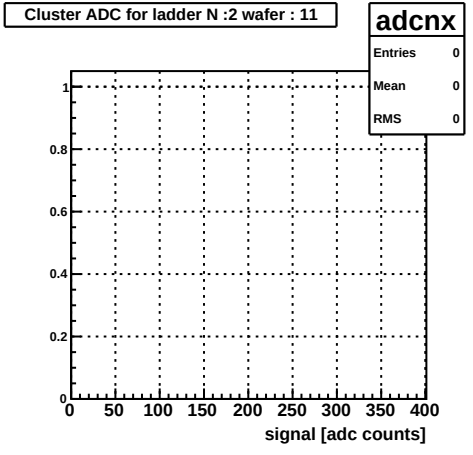

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

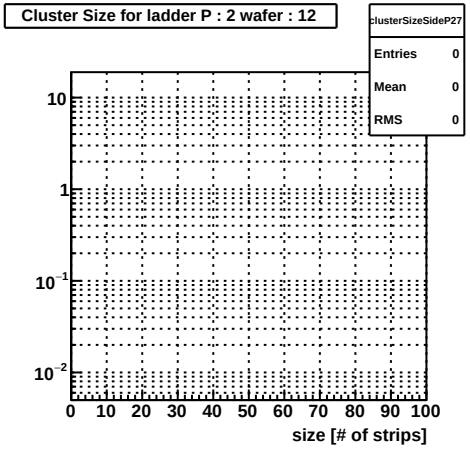

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

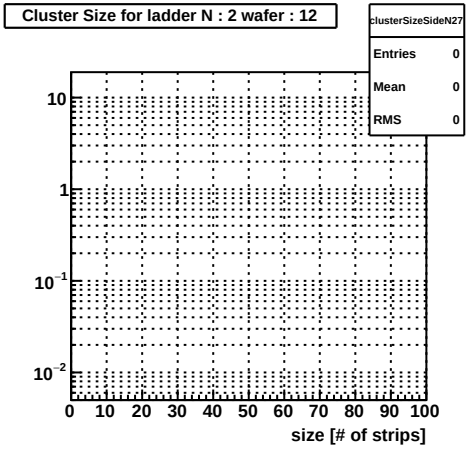

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

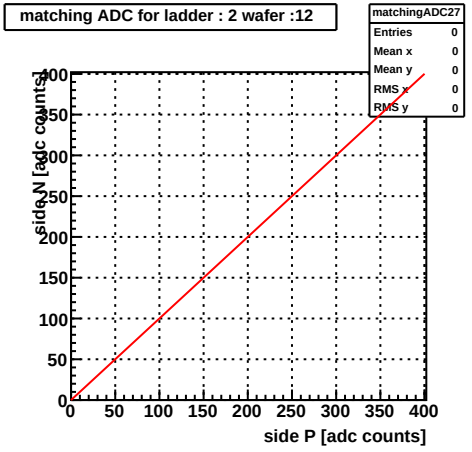

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

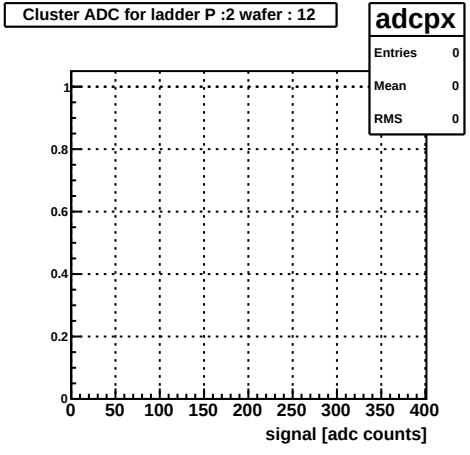

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

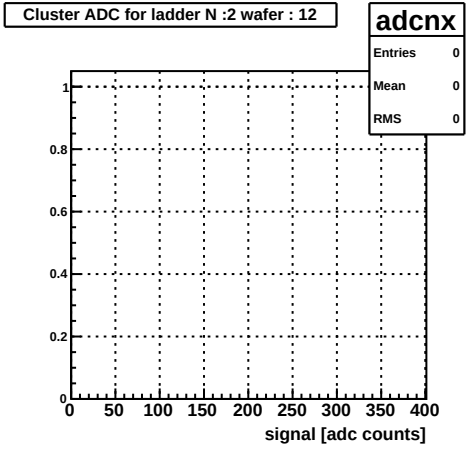

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

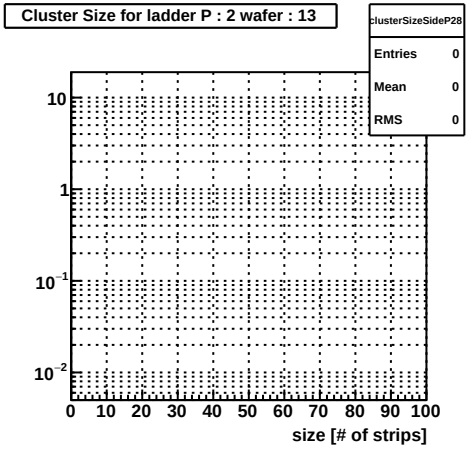

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

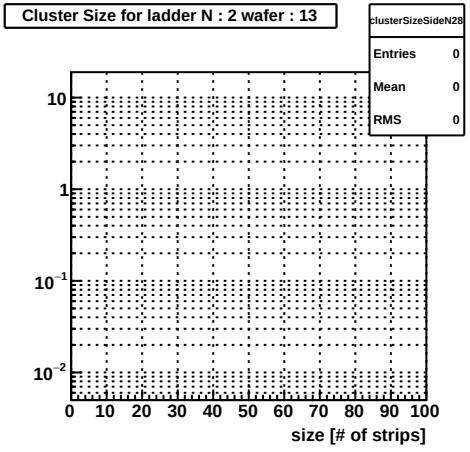

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

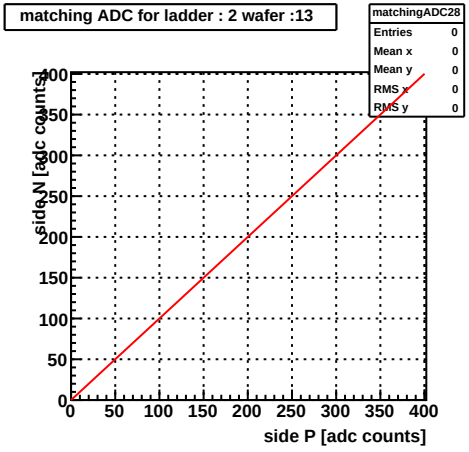

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

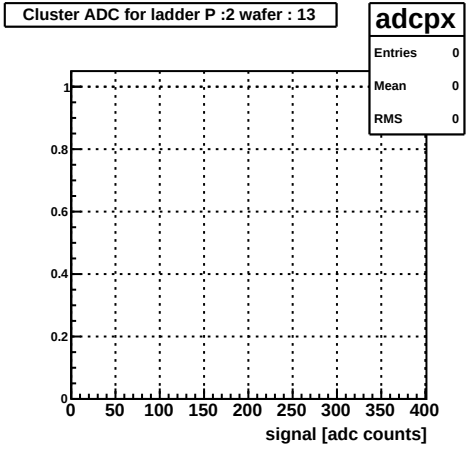

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

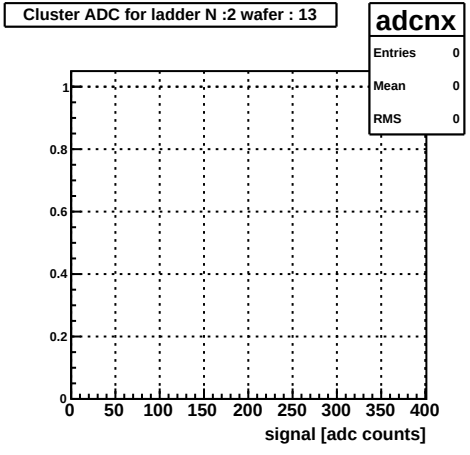

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

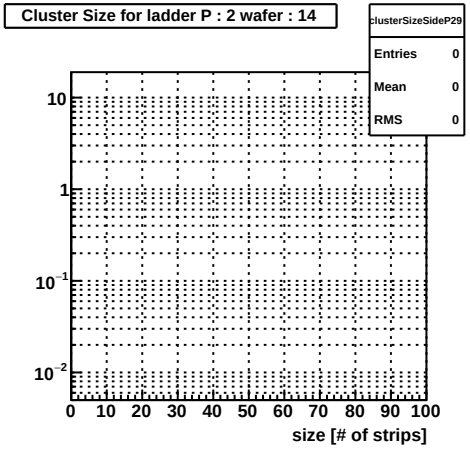

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

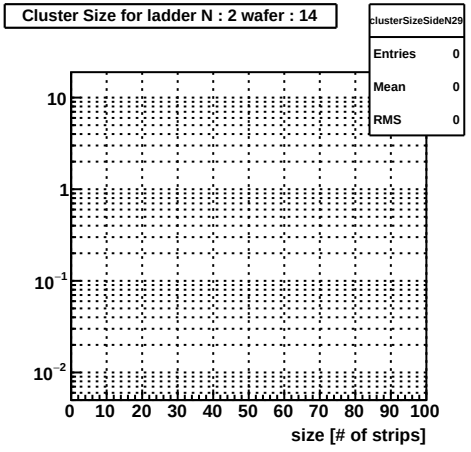

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

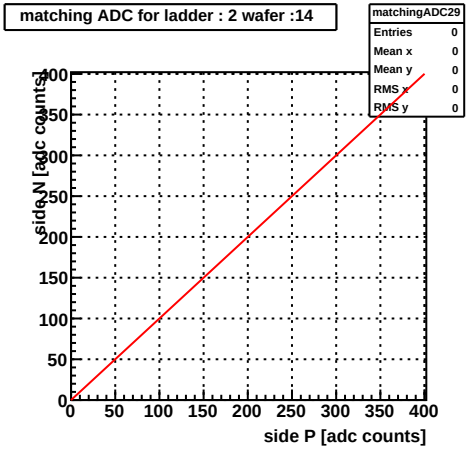

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

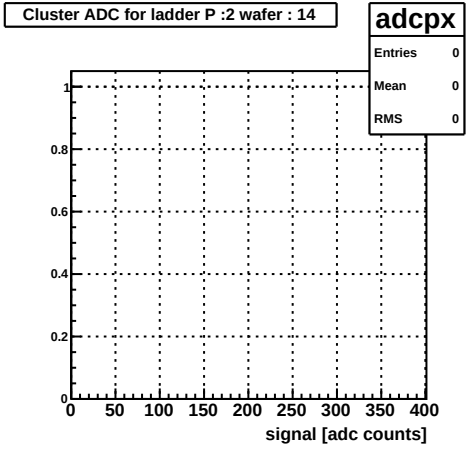

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

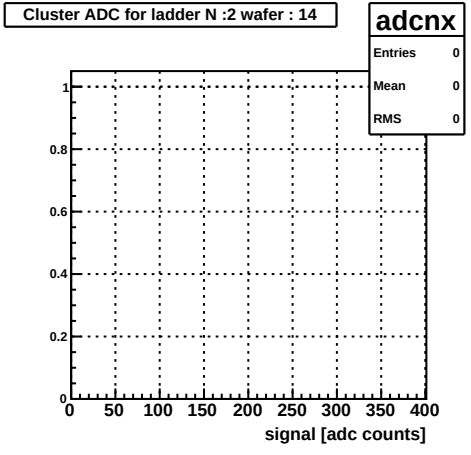

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

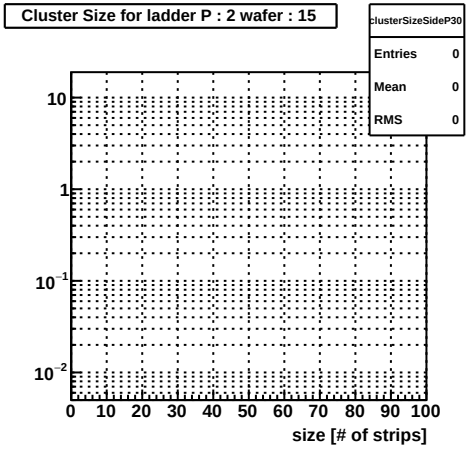

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

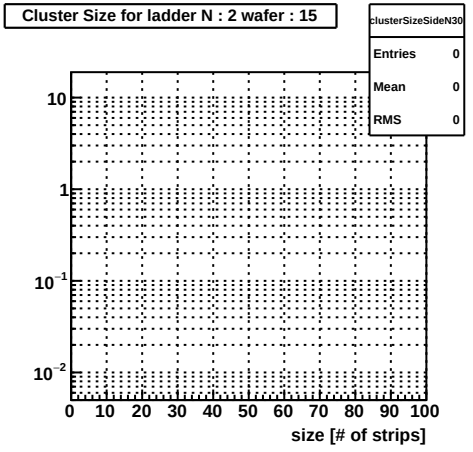

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

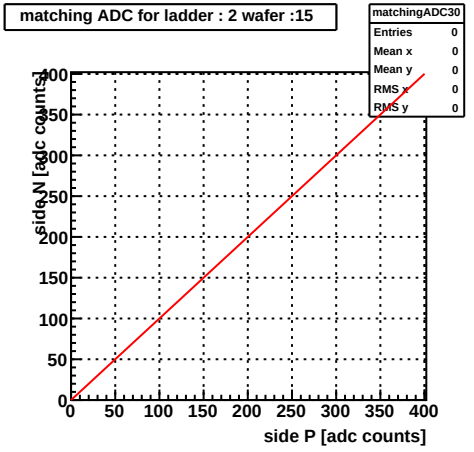

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

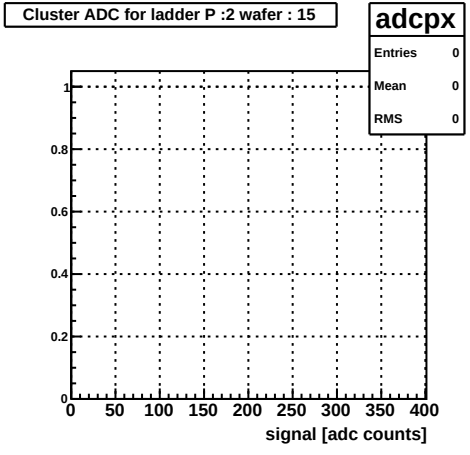

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

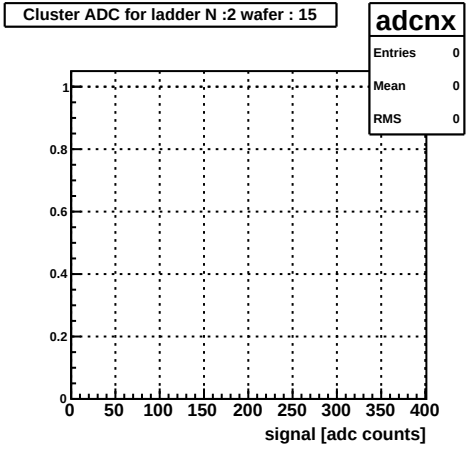

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

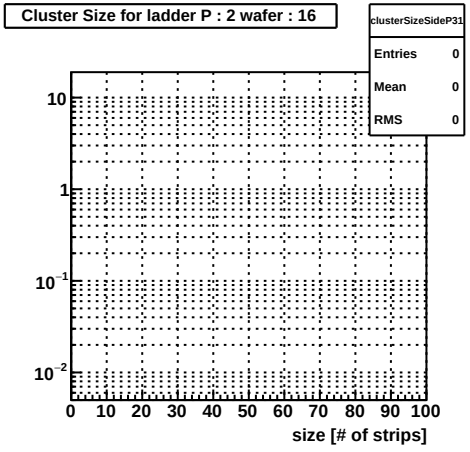

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

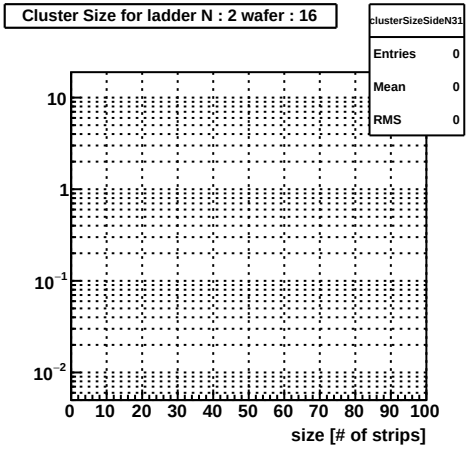

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

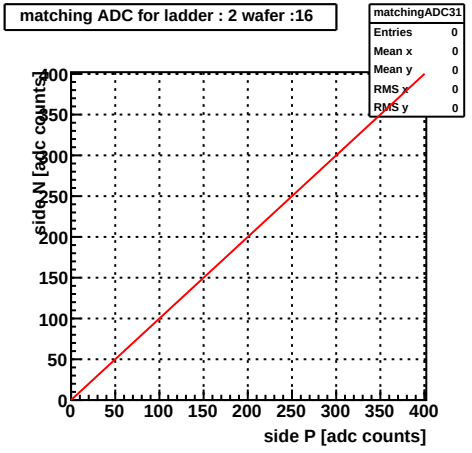

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

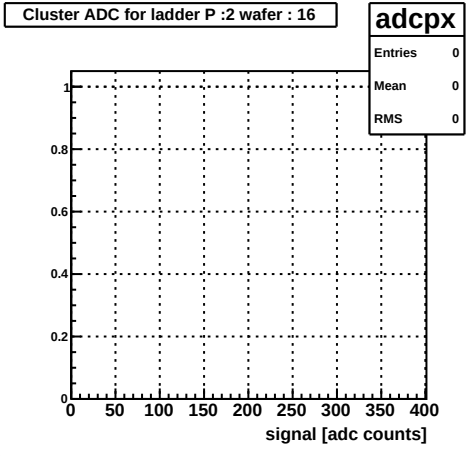

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

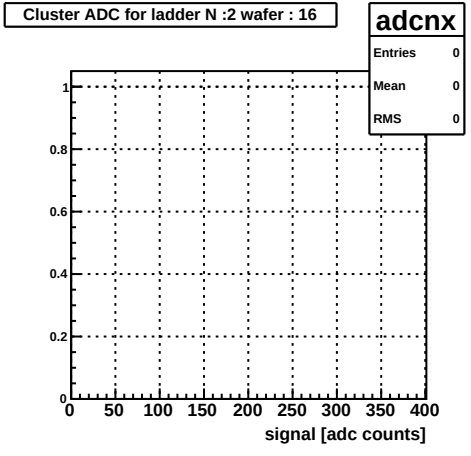

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

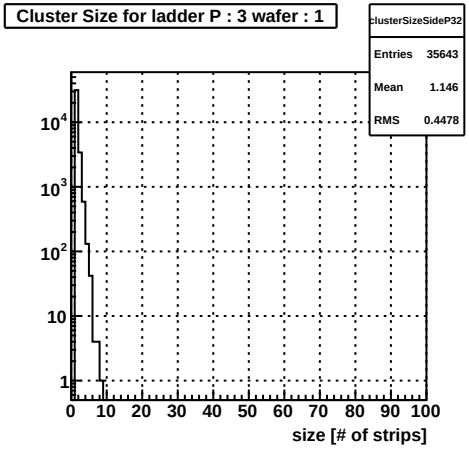

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

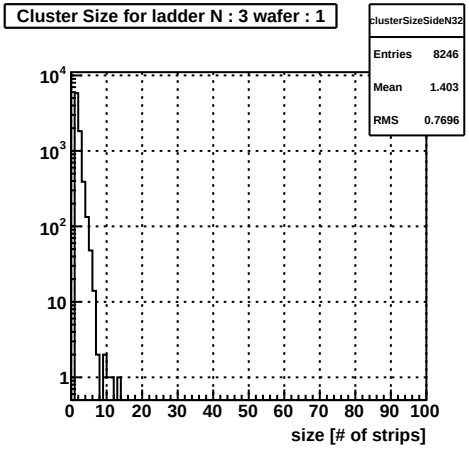

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

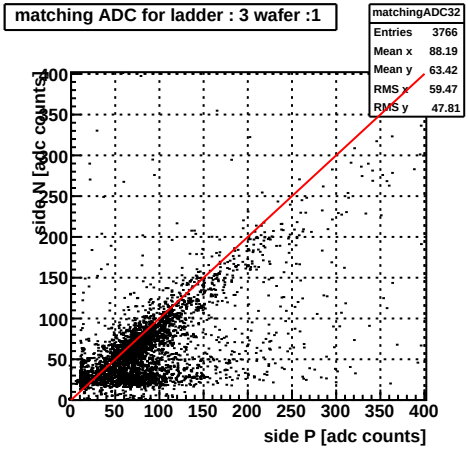

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

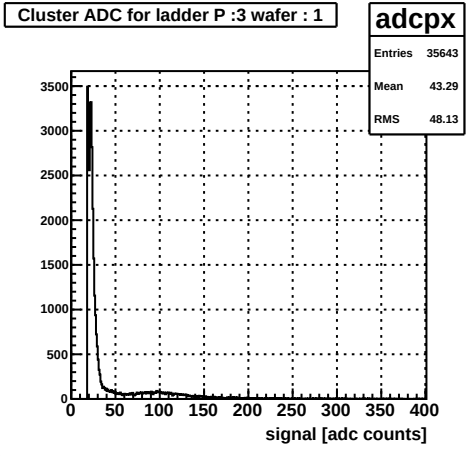

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

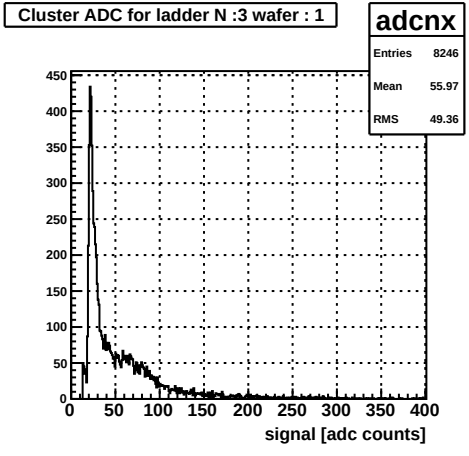

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

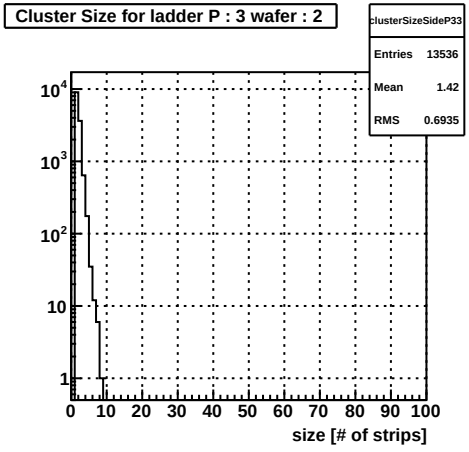

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 35643
Mean 1.146
RMS 0.4478
size [# of strips]

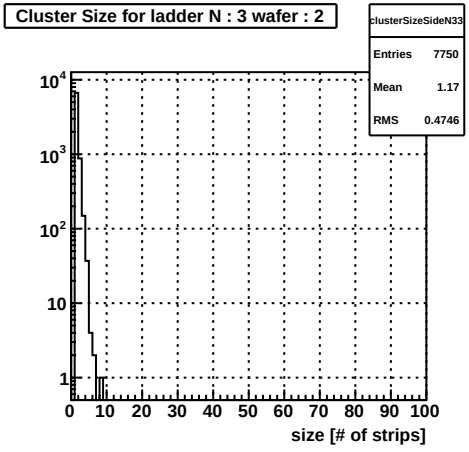

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 8246
Mean 1.403
RMS 0.7696
size [# of strips]

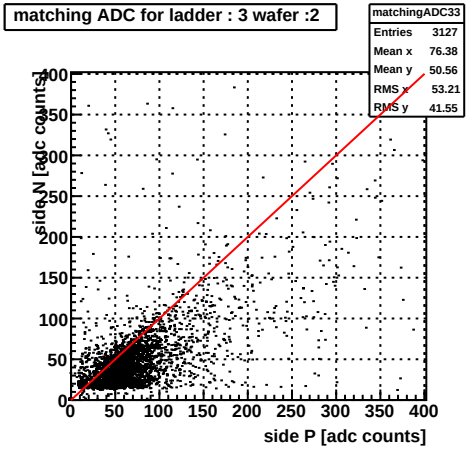

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3766
Mean x 88.19
Mean y 63.42
RMS x 59.47
RMS y 47.81
side N [adc counts]
side P [adc counts]

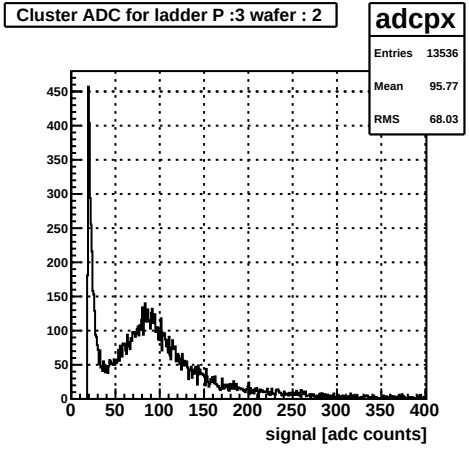

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 35643
Mean 43.29
RMS 48.13
signal [adc counts]

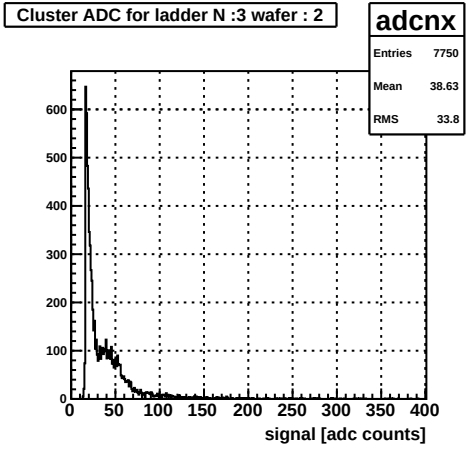

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 8246
Mean 55.97
RMS 49.36
signal [adc counts]

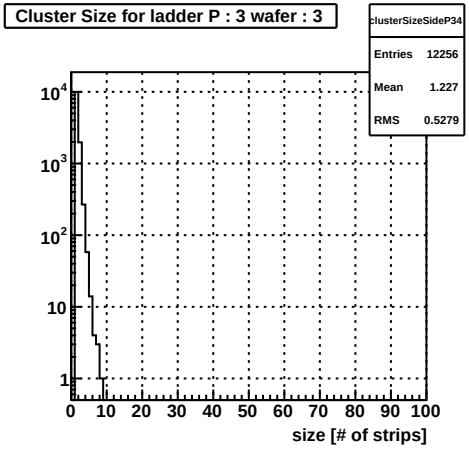

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 13536
Mean 1.42
RMS 0.6935
size [# of strips]

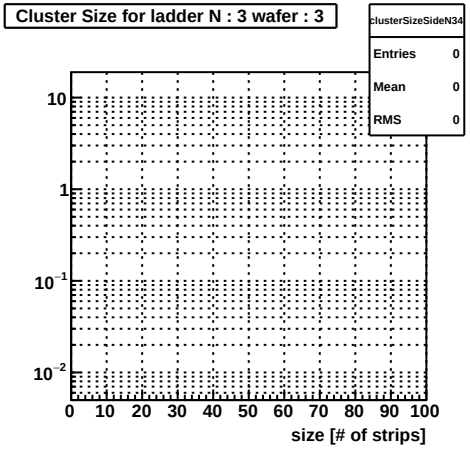

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 7750
Mean 1.17
RMS 0.4746
size [# of strips]

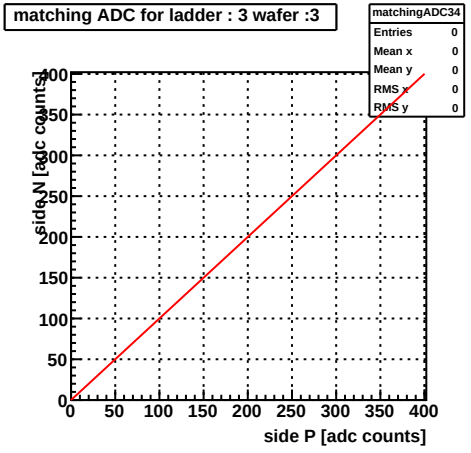

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 3127
Mean x 76.38
Mean y 50.56
RMS x 53.21
RMS y 41.55
side N [adc counts]
side P [adc counts]

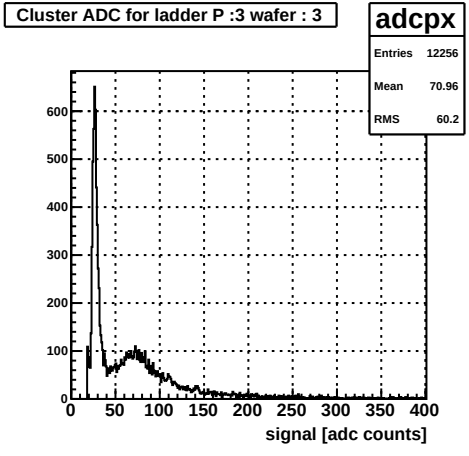

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 13536
Mean 95.77
RMS 68.03
signal [adc counts]

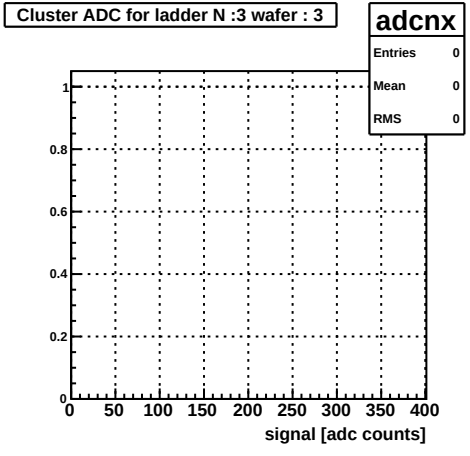

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 7750
Mean 38.63
RMS 33.8
signal [adc counts]

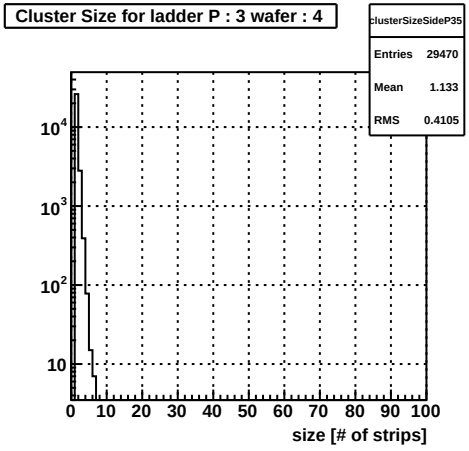

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 12256
Mean 1.227
RMS 0.5279
size [# of strips]

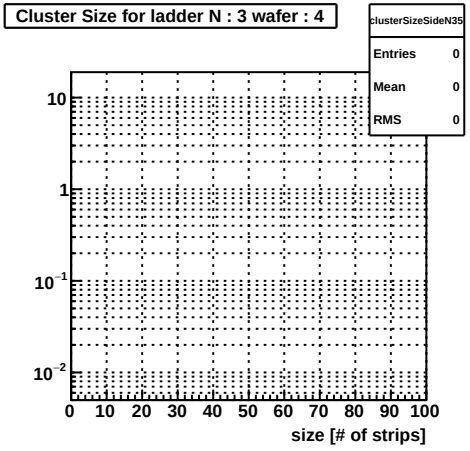

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

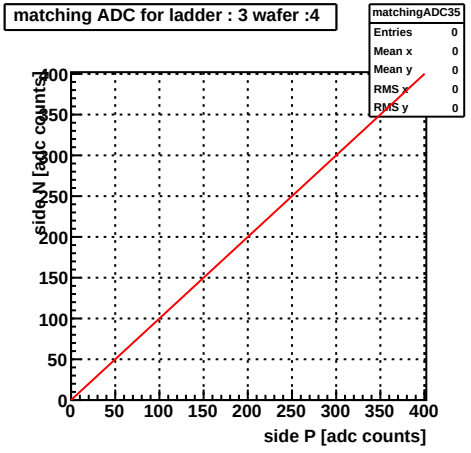

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

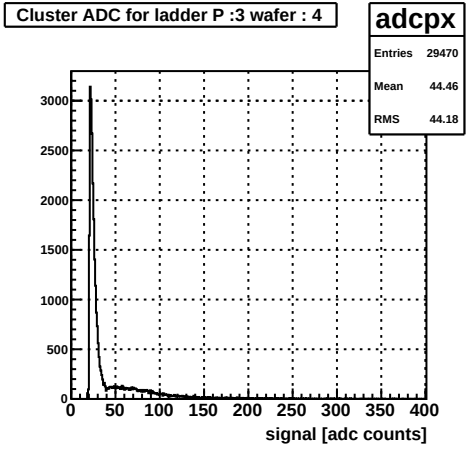

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 12256
Mean 70.96
RMS 60.2
signal [adc counts]

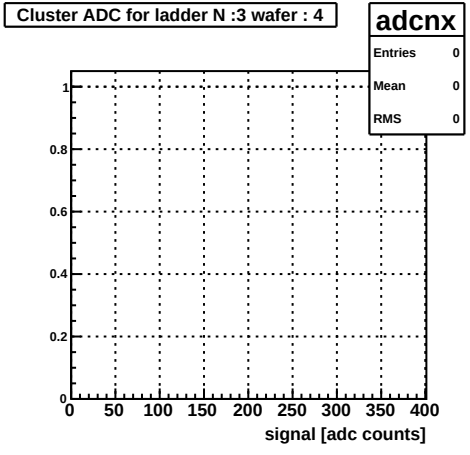

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

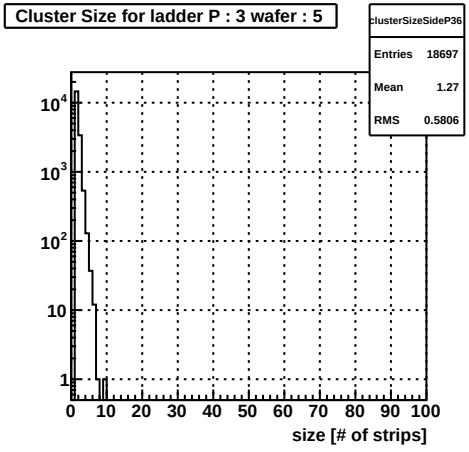

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 29470
Mean 1.133
RMS 0.4105
size [# of strips]

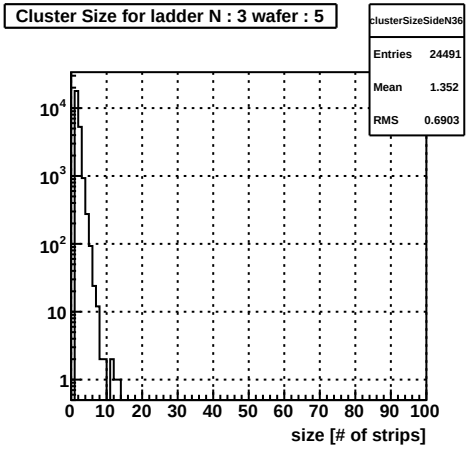

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

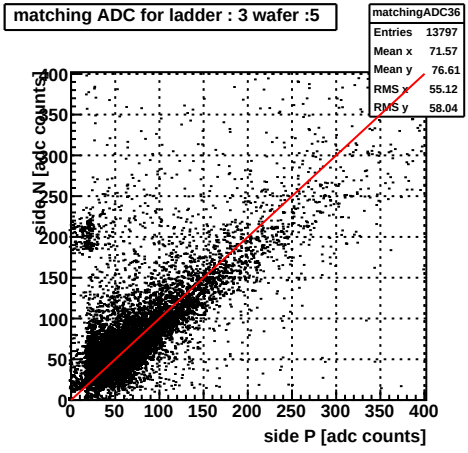

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

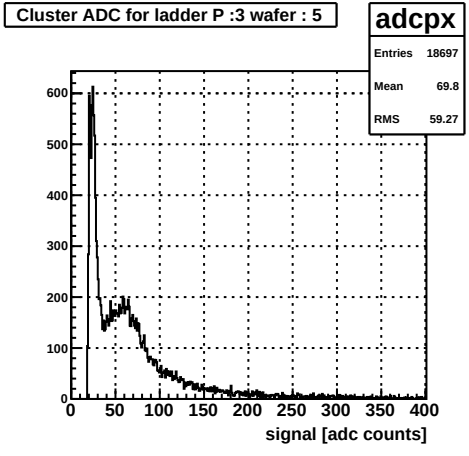

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 29470
Mean 44.46
RMS 44.18
signal [adc counts]

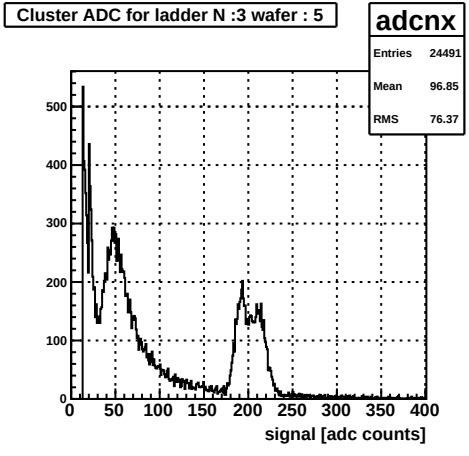

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

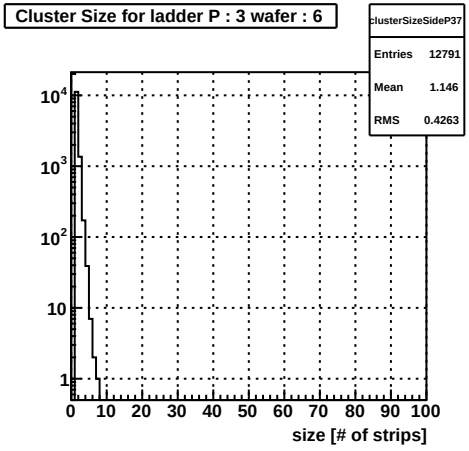

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 18697
Mean 1.27
RMS 0.5806
size [# of strips]

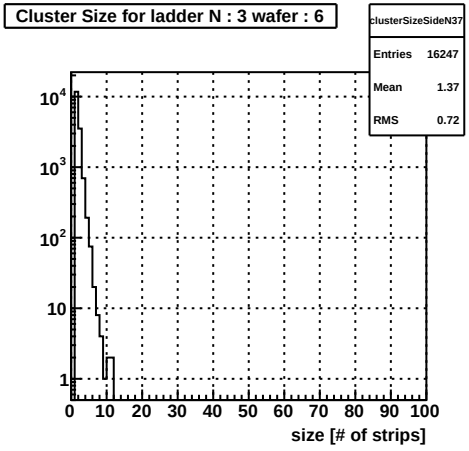

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 24491
Mean 1.352
RMS 0.6903
size [# of strips]

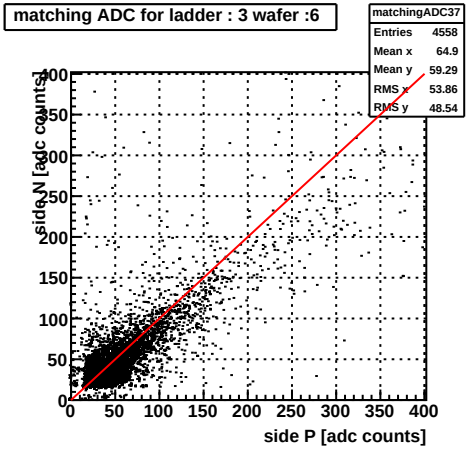

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 13797
Mean x 71.57
Mean y 76.61
RMS x 55.12
RMS y 58.04
side N [adc counts]
side P [adc counts]

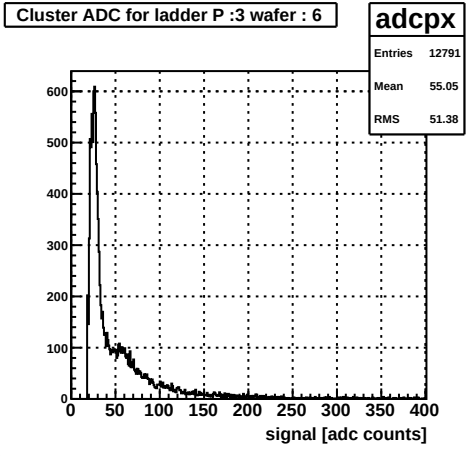

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 18697
Mean 69.8
RMS 59.27
signal [adc counts]

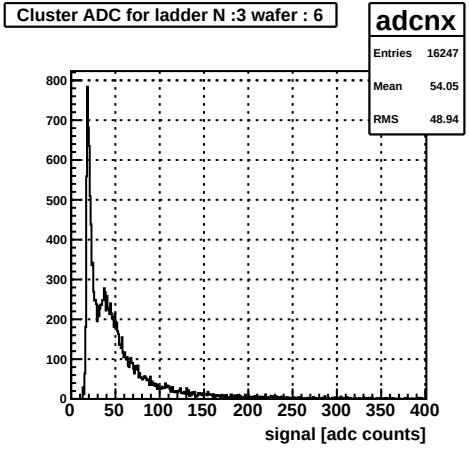

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 24491
Mean 96.85
RMS 76.37
signal [adc counts]

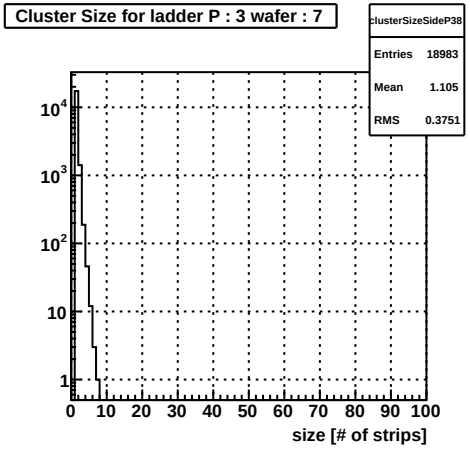

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 12791
Mean 1.146
RMS 0.4263
size [# of strips]

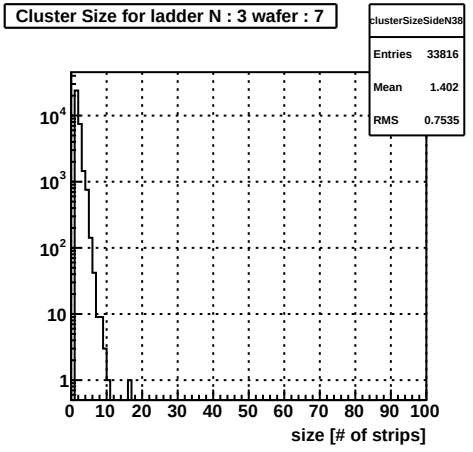

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 16247
Mean 1.37
RMS 0.72
size [# of strips]

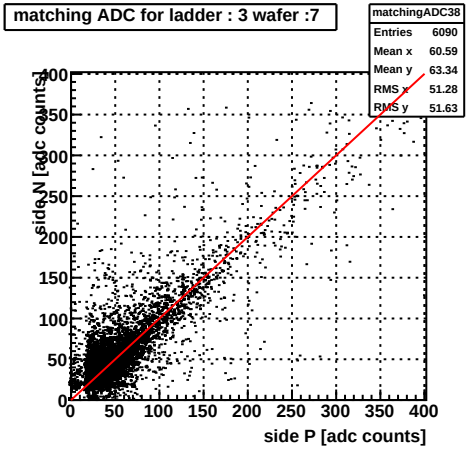

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4558
Mean x 64.9
Mean y 59.29
RMS x 53.86
RMS y 48.54
side N [adc counts]
side P [adc counts]

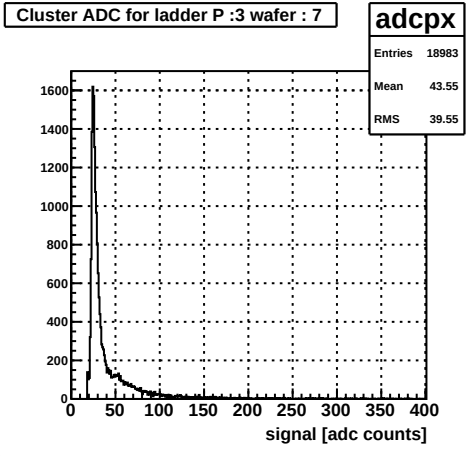

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 12791
Mean 55.05
RMS 51.38
signal [adc counts]

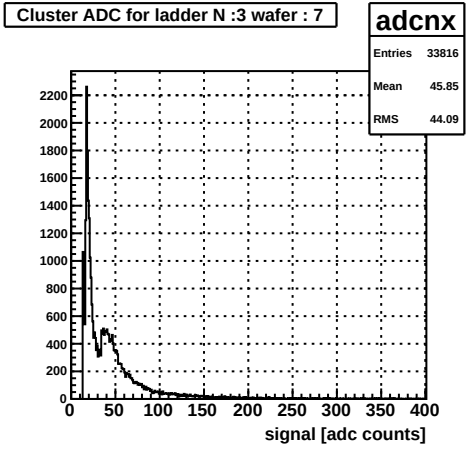

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 16247
Mean 54.05
RMS 48.94
signal [adc counts]

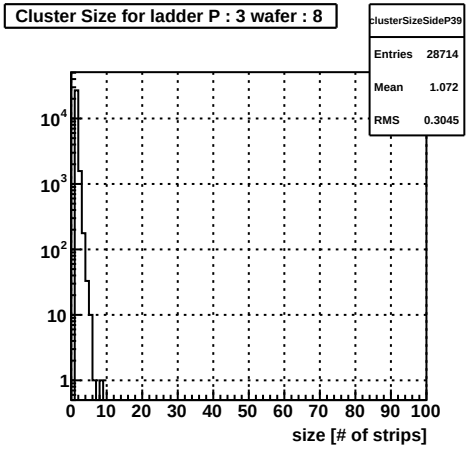

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 18983
Mean 1.105
RMS 0.3751
size [# of strips]

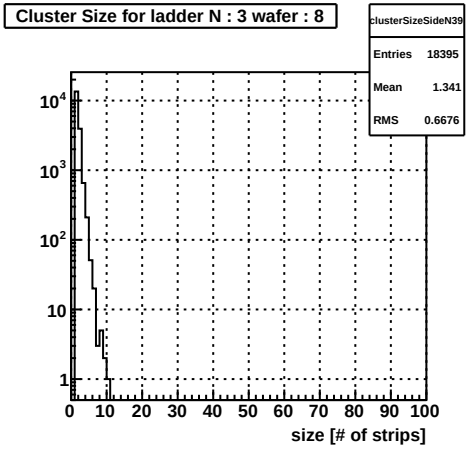

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 33816
Mean 1.402
RMS 0.7535
size [# of strips]

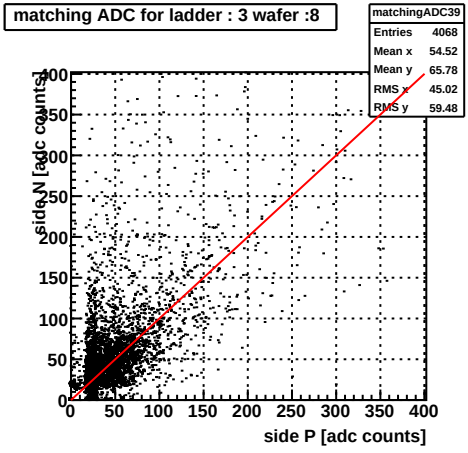

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 6090
Mean x 60.59
Mean y 63.34
RMS x 51.28
RMS y 51.63
side N [adc counts]
side P [adc counts]

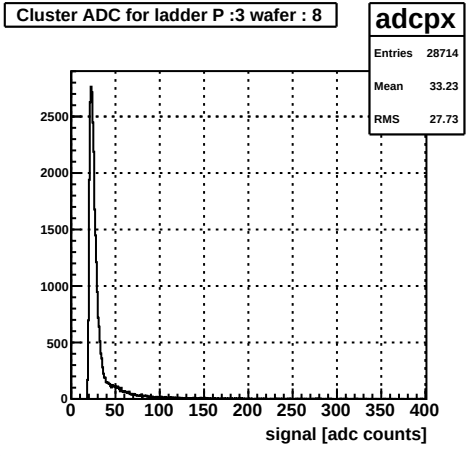

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 18983
Mean 43.55
RMS 39.55
signal [adc counts]

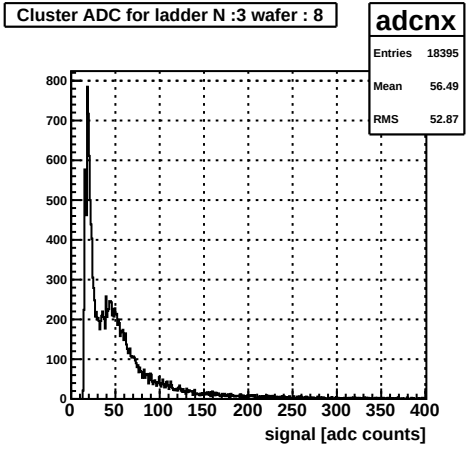

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 33816
Mean 45.85
RMS 44.09
signal [adc counts]

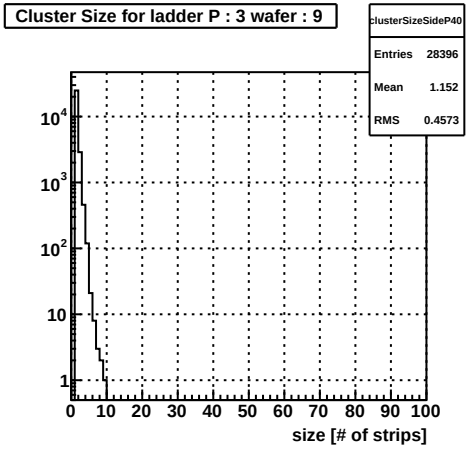

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 28714
Mean 1.072
RMS 0.3045
size [# of strips]

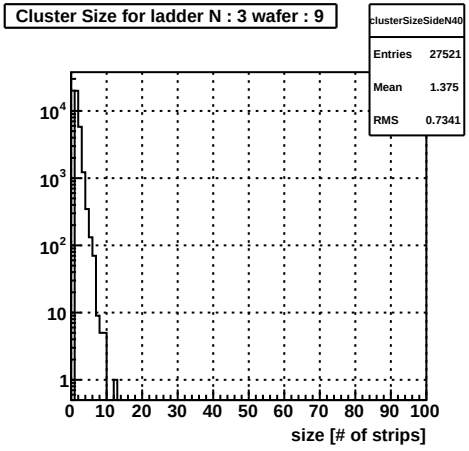

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 18395
Mean 1.341
RMS 0.6676
size [# of strips]

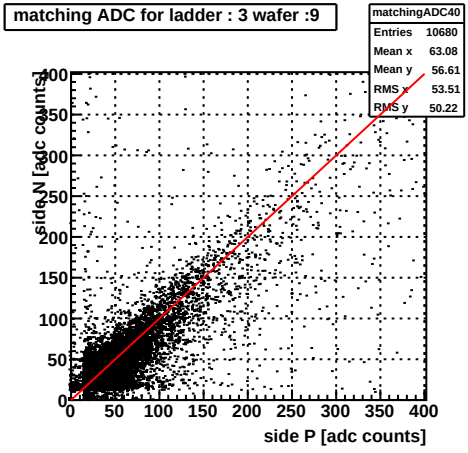

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 4068
Mean x 54.52
Mean y 65.78
RMS x 45.02
RMS y 59.48
side N [adc counts]
side P [adc counts]

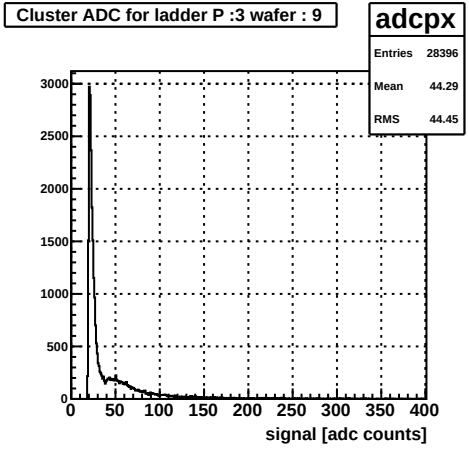

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 28714
Mean 33.23
RMS 27.73
signal [adc counts]

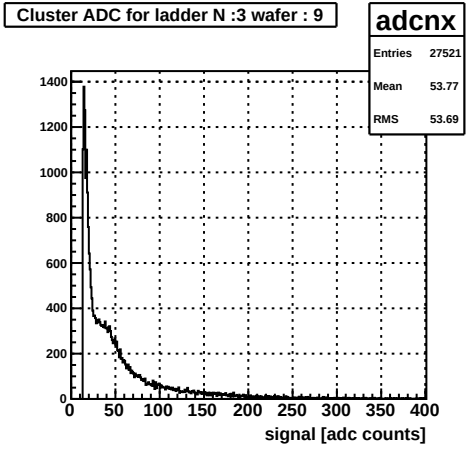

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 18395
Mean 56.49
RMS 52.87
signal [adc counts]

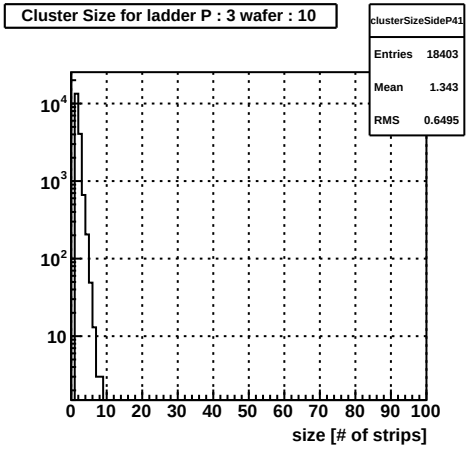

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 28396
Mean 1.152
RMS 0.4573
size [# of strips]

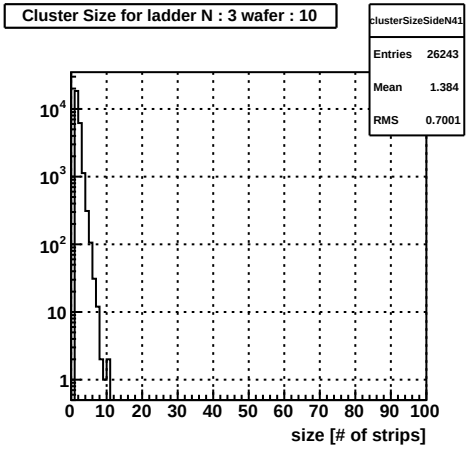

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 27521
Mean 1.375
RMS 0.7341
size [# of strips]

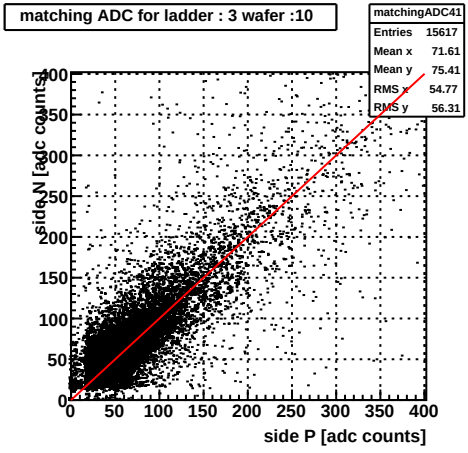

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 10680
Mean x 63.08
Mean y 56.61
RMS x 53.51
RMS y 50.22
side N [adc counts]
side P [adc counts]

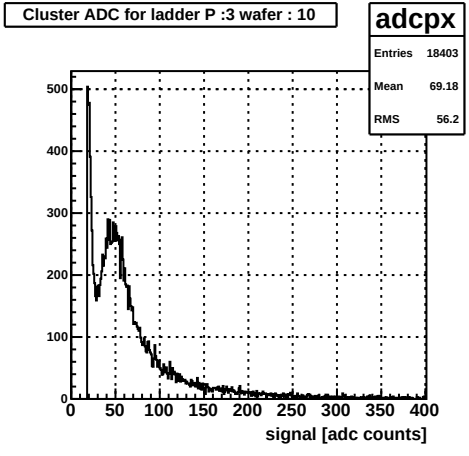

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 28396
Mean 44.29
RMS 44.45
signal [adc counts]

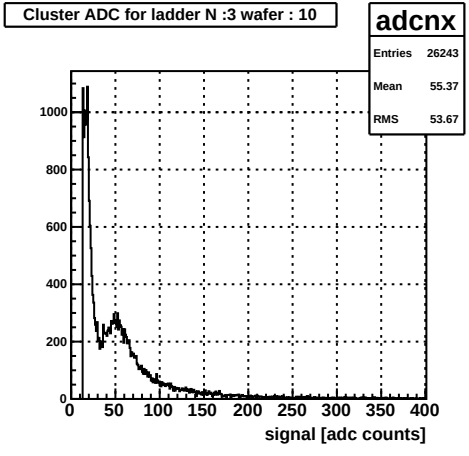

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 27521
Mean 53.77
RMS 53.69
signal [adc counts]

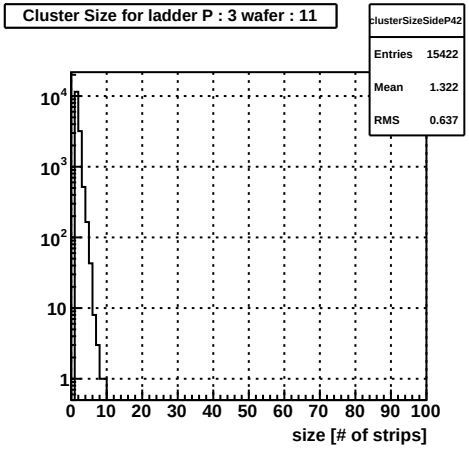

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 18403
Mean 1.343
RMS 0.6495
size [# of strips]

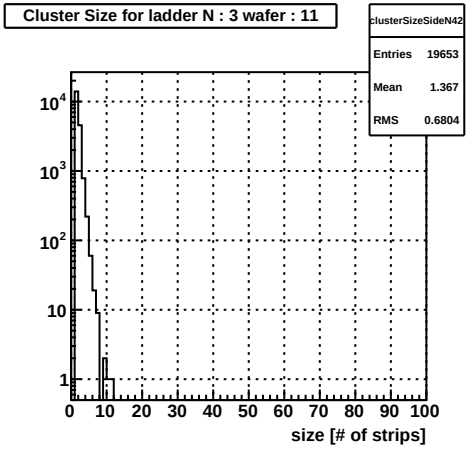

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 26243
Mean 1.384
RMS 0.7001
size [# of strips]

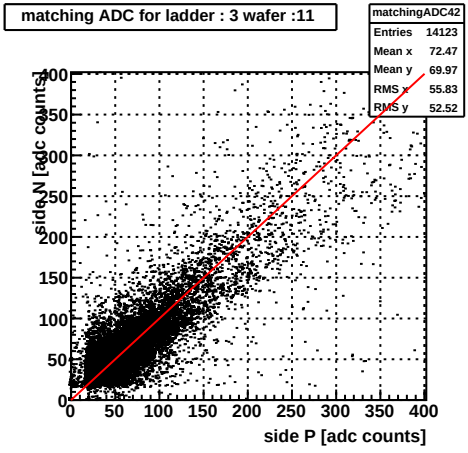

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 15617
Mean x 71.61
Mean y 75.41
RMS x 54.77
RMS y 56.31
side N [adc counts]
side P [adc counts]

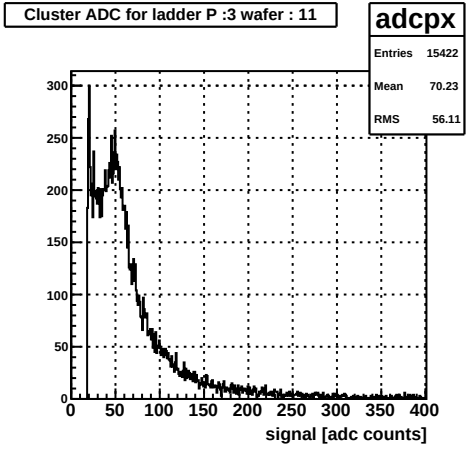

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 18403
Mean 69.18
RMS 56.2
signal [adc counts]

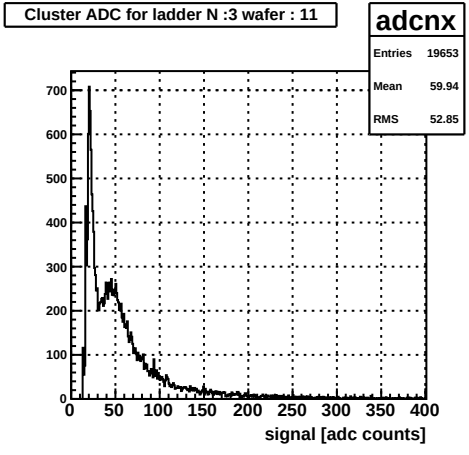

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 26243
Mean 55.37
RMS 53.67
signal [adc counts]

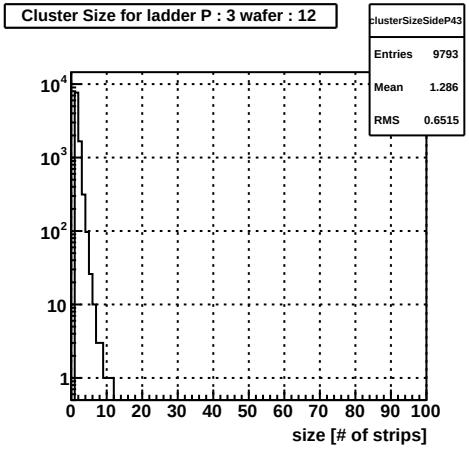

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 15422
Mean 1.322
RMS 0.637
size [# of strips]

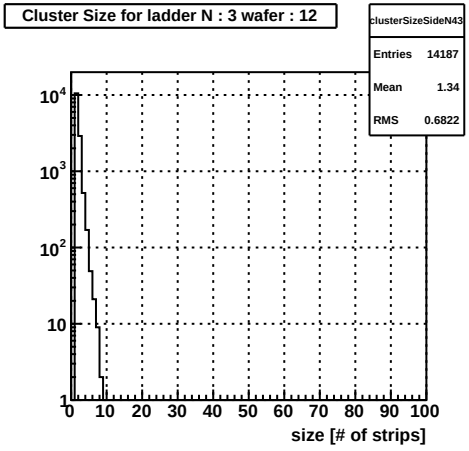

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 19653
Mean 1.367
RMS 0.6804
size [# of strips]

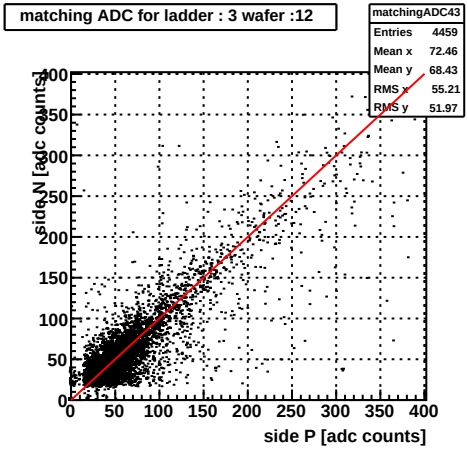

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 14123
Mean x 72.47
Mean y 69.97
RMS x 55.83
RMS y 52.52
side N [adc counts]
side P [adc counts]

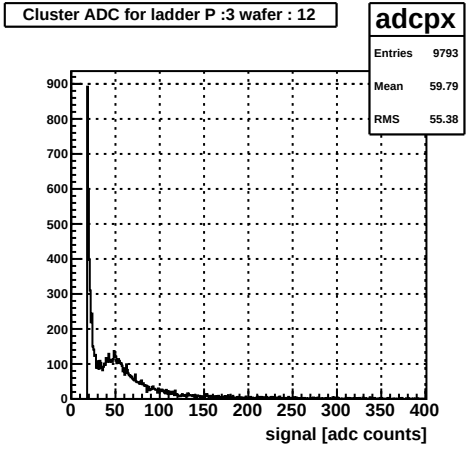

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 15422
Mean 70.23
RMS 56.11
signal [adc counts]

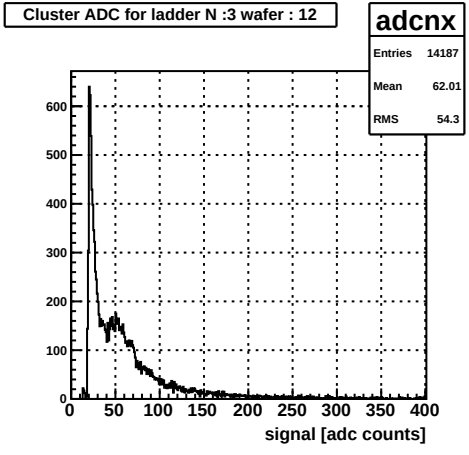

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 19653
Mean 59.94
RMS 52.85
signal [adc counts]

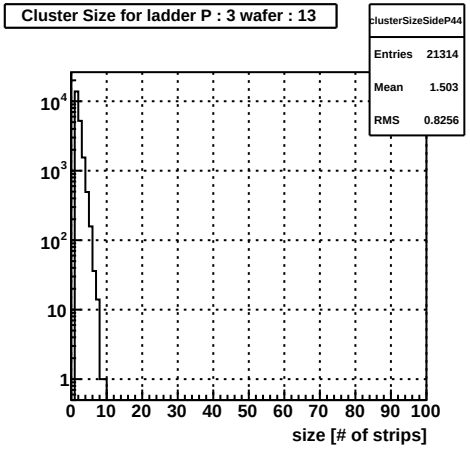

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 9793
Mean 1.286
RMS 0.6515
size [# of strips]

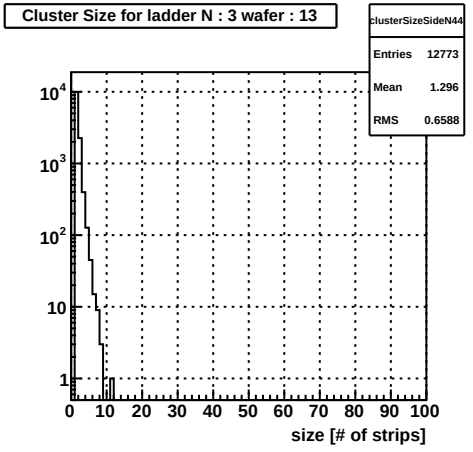

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 14187
Mean 1.34
RMS 0.6822
size [# of strips]

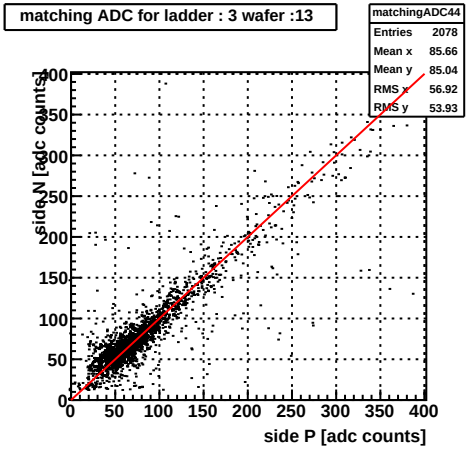

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4459
Mean x 72.46
Mean y 68.43
RMS x 55.21
RMS y 51.97
side N [adc counts]
side P [adc counts]

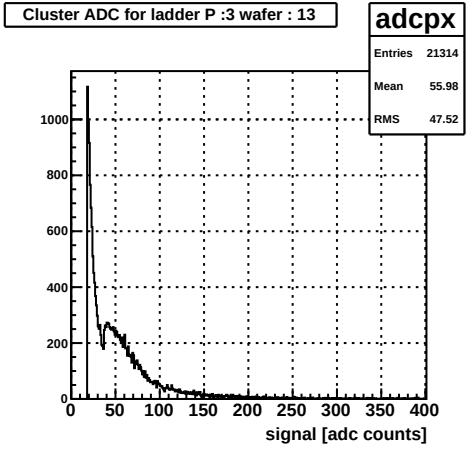

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 9793
Mean 59.79
RMS 55.38
signal [adc counts]

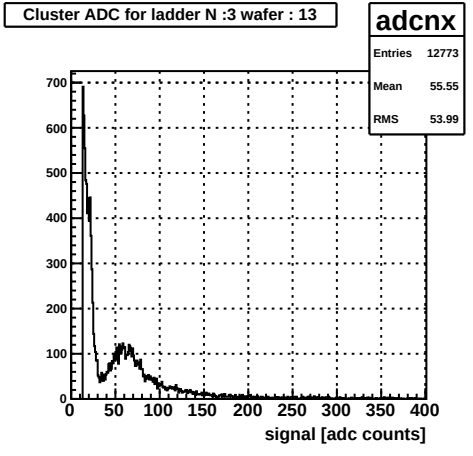

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 14187
Mean 62.01
RMS 54.3
signal [adc counts]

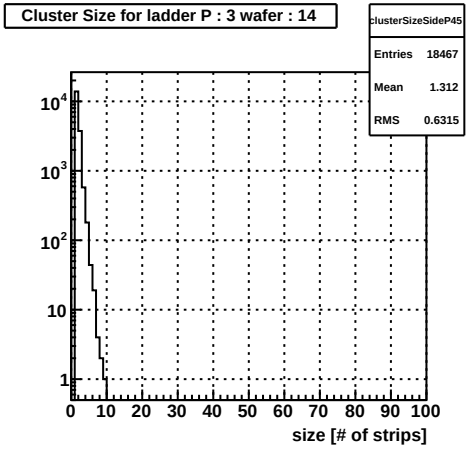

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 21314
Mean 1.503
RMS 0.8256
size [# of strips]

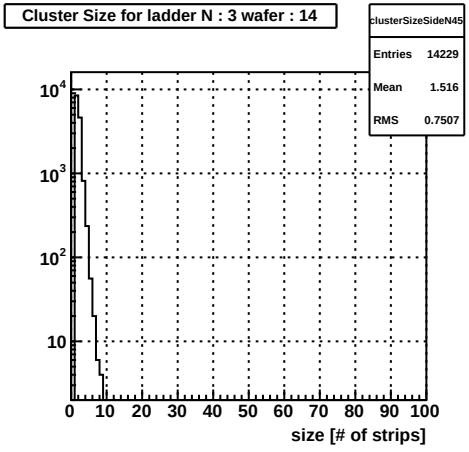

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 12773
Mean 1.296
RMS 0.6588
size [# of strips]

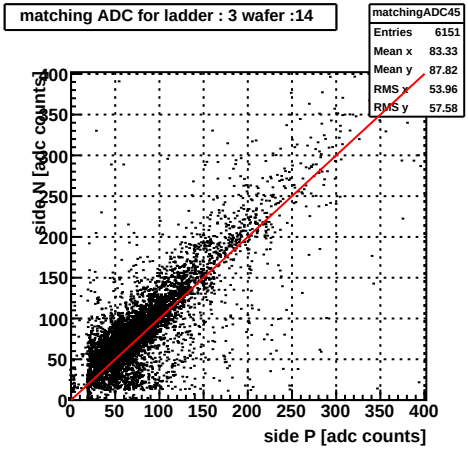

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2078
Mean x 85.66
Mean y 85.04
RMS x 56.92
RMS y 53.93
side N [adc counts]
side P [adc counts]

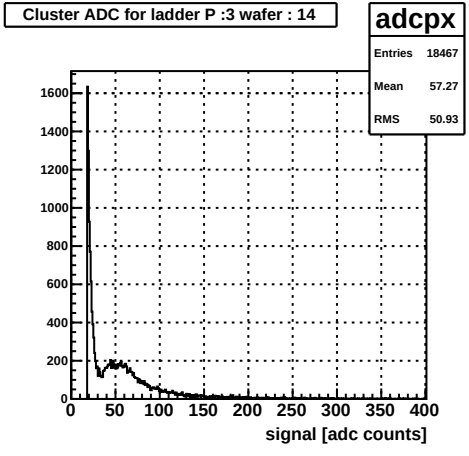

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 21314
Mean 55.98
RMS 47.52
signal [adc counts]

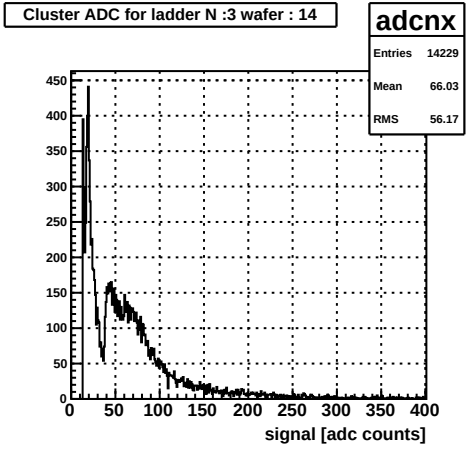

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 12773
Mean 55.55
RMS 53.99
signal [adc counts]

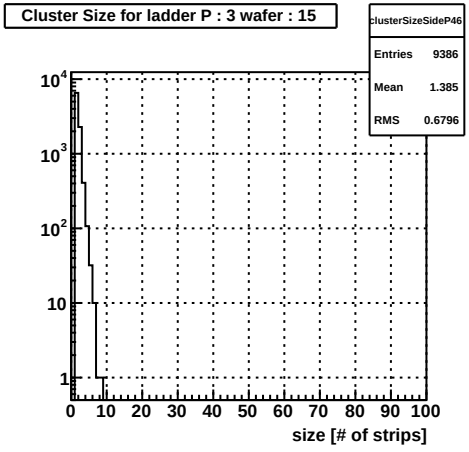

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 18467
Mean 1.312
RMS 0.6315
size [# of strips]

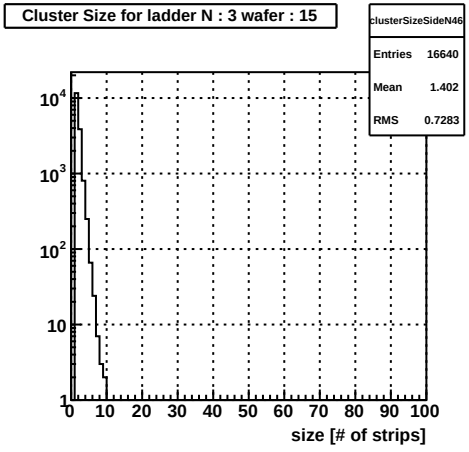

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 14229
Mean 1.516
RMS 0.7507
size [# of strips]

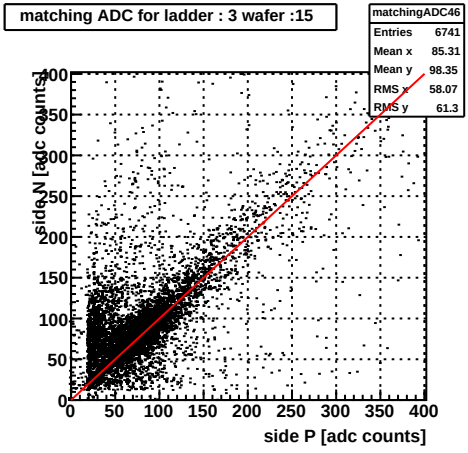

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 6151
Mean x 83.33
Mean y 87.82
RMS x 53.96
RMS y 57.58
side N [adc counts]
side P [adc counts]

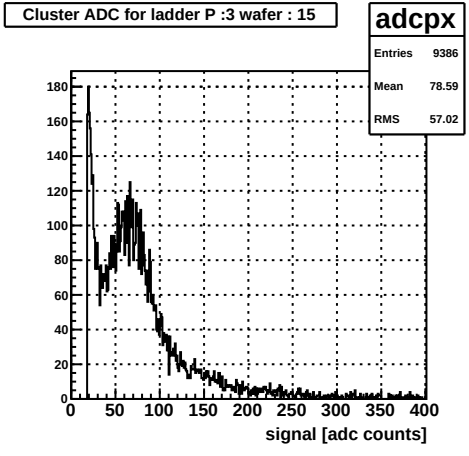

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 18467
Mean 57.27
RMS 50.93
signal [adc counts]

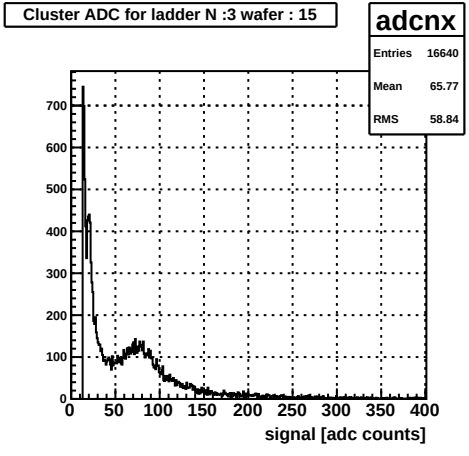

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 14229
Mean 66.03
RMS 56.17
signal [adc counts]

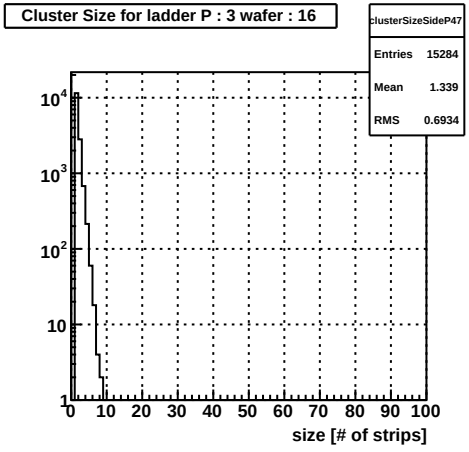

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 9386
Mean 1.385
RMS 0.6796
size [# of strips]

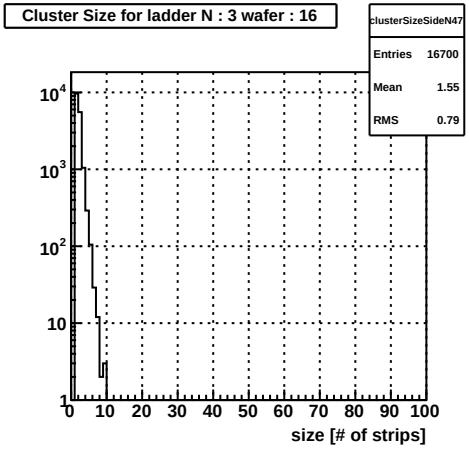

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 16640
Mean 1.402
RMS 0.7283
size [# of strips]

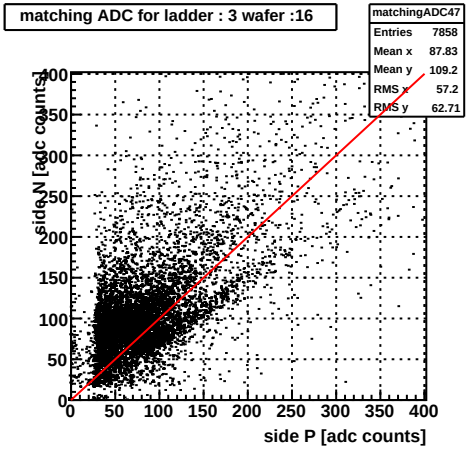

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 6741
Mean x 85.31
Mean y 98.35
RMS x 58.07
RMS y 61.3
side N [adc counts]
side P [adc counts]

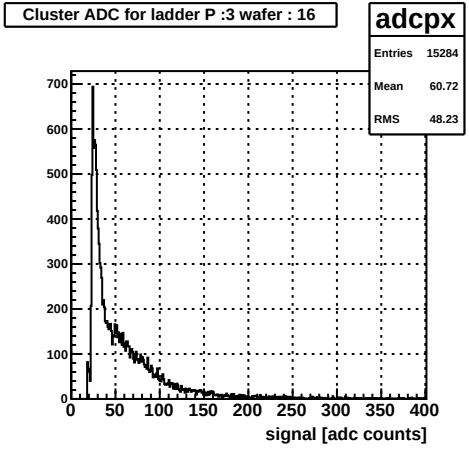

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 9386
Mean 78.59
RMS 57.02
signal [adc counts]

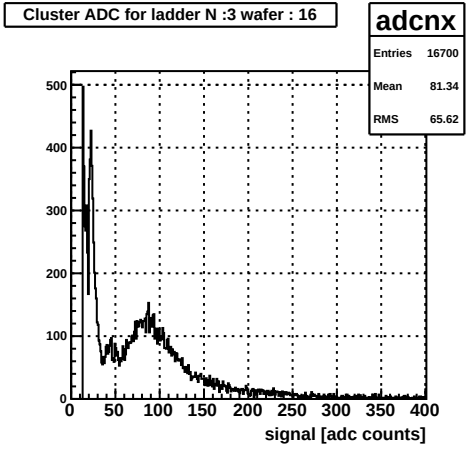

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 16640
Mean 65.77
RMS 58.84
signal [adc counts]

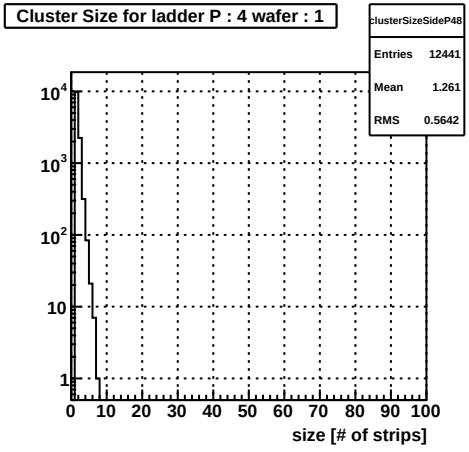

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 15284
Mean 1.339
RMS 0.6934
size [# of strips]

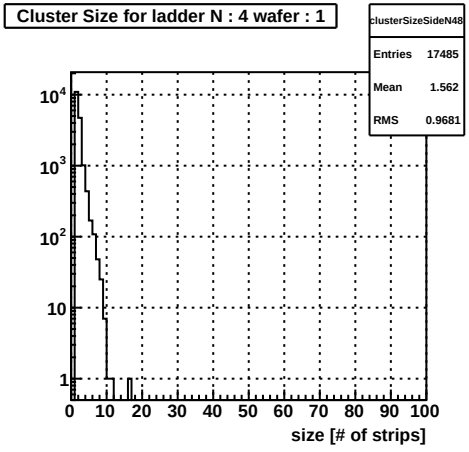

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 16700
Mean 1.55
RMS 0.79
size [# of strips]

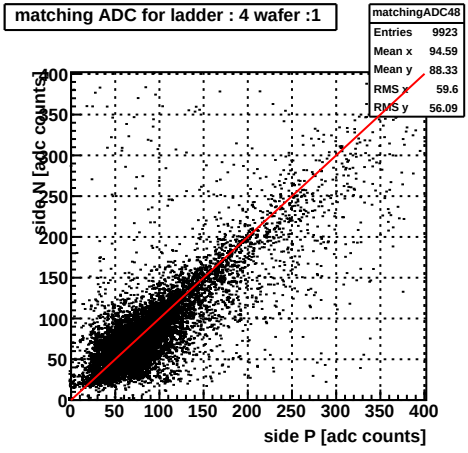

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 7858
Mean x 87.83
Mean y 109.2
RMS x 57.2
RMS y 62.71
side N [adc counts]
side P [adc counts]

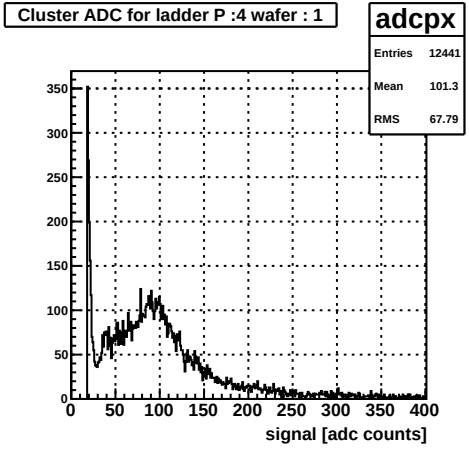

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 15284
Mean 60.72
RMS 48.23
signal [adc counts]

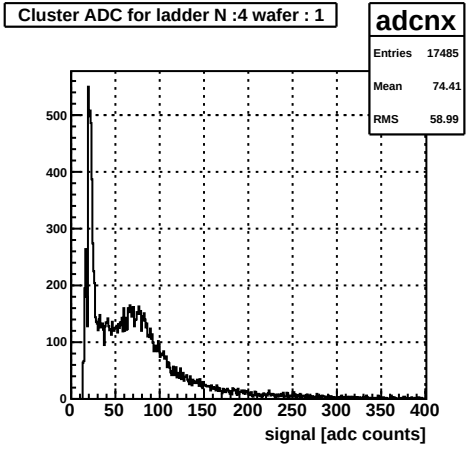

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 16700
Mean 81.34
RMS 65.62
signal [adc counts]

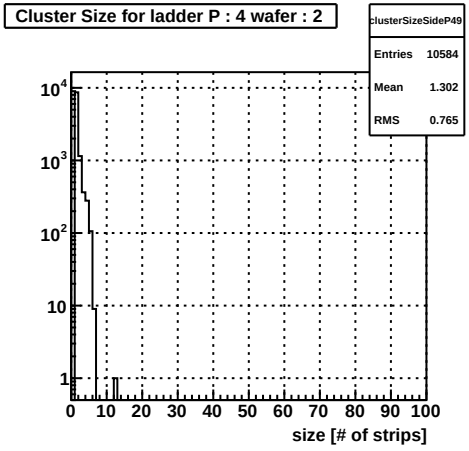

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 12441
Mean 1.261
RMS 0.5642
size [# of strips]

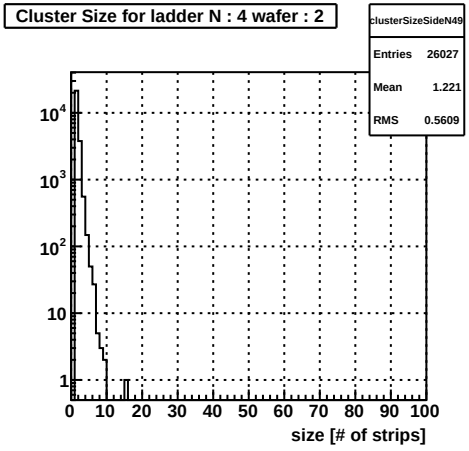

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 17485
Mean 1.562
RMS 0.9681
size [# of strips]

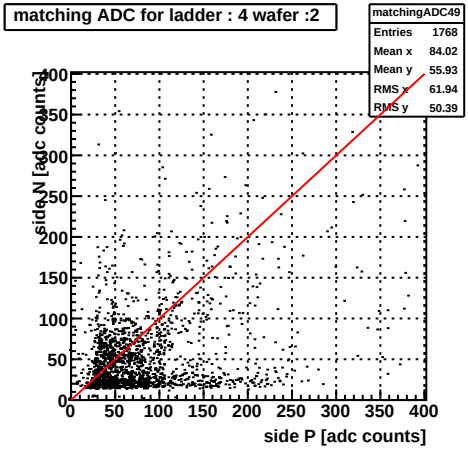

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 9923
Mean x 94.59
Mean y 88.33
RMS x 59.6
RMS y 56.09
side N [adc counts]
side P [adc counts]

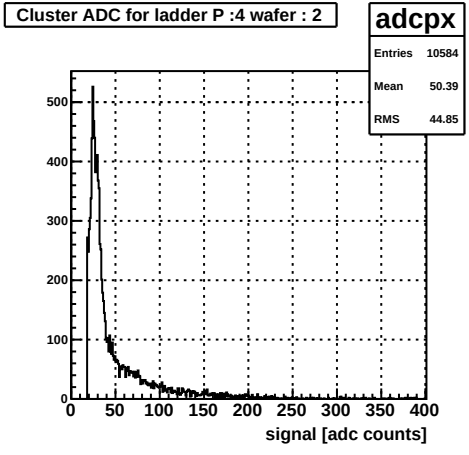

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 12441
Mean 101.3
RMS 67.79
signal [adc counts]

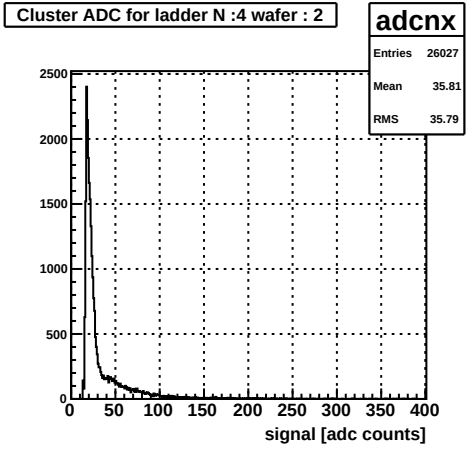

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 17485
Mean 74.41
RMS 58.99
signal [adc counts]

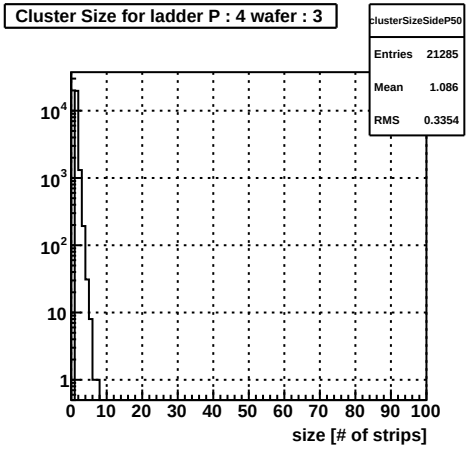

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 10584
Mean 1.302
RMS 0.765
size [# of strips]

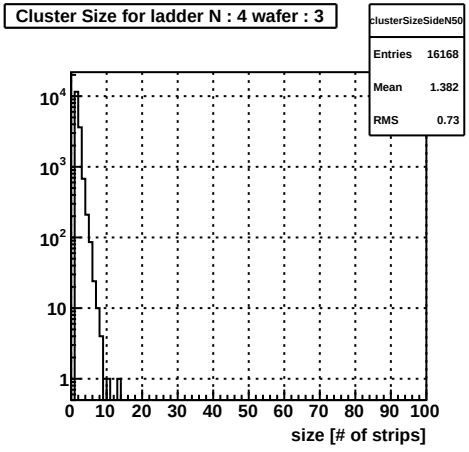

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 26027
Mean 1.221
RMS 0.5609
size [# of strips]

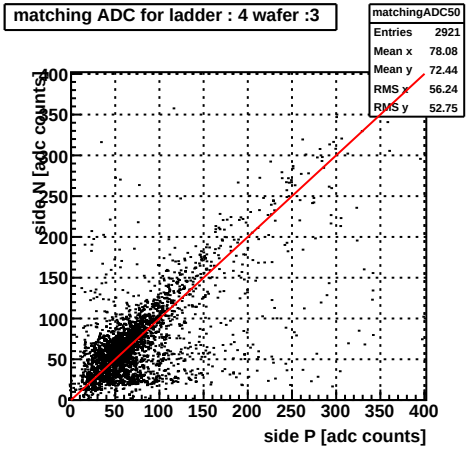

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1768
Mean x 84.02
Mean y 55.93
RMS x 61.94
RMS y 50.39
side N [adc counts]
side P [adc counts]

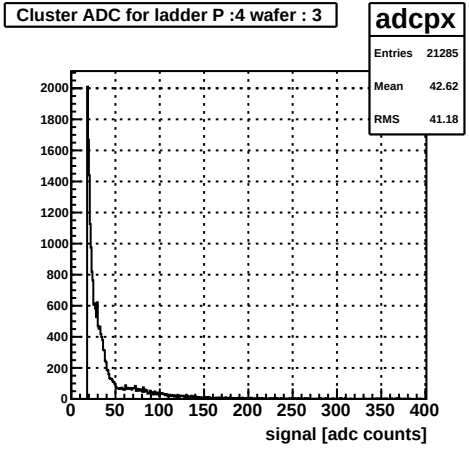

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 10584
Mean 50.39
RMS 44.85
signal [adc counts]

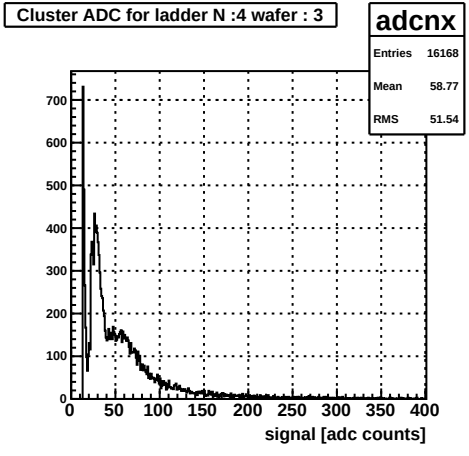

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 26027
Mean 35.81
RMS 35.79
signal [adc counts]

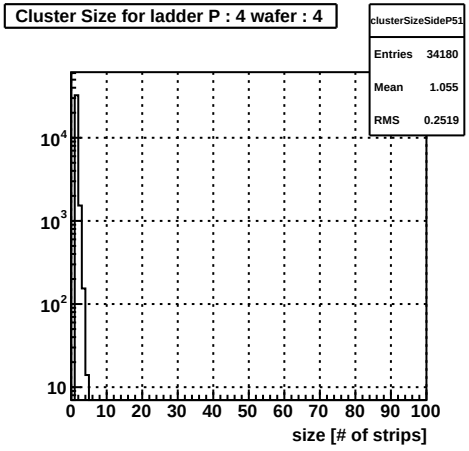

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 21285
Mean 1.086
RMS 0.3354
size [# of strips]

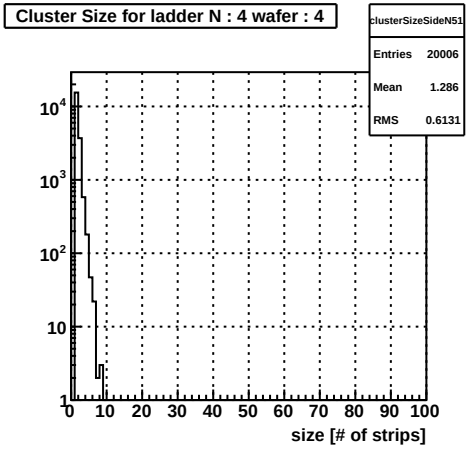

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 16168
Mean 1.382
RMS 0.73
size [# of strips]

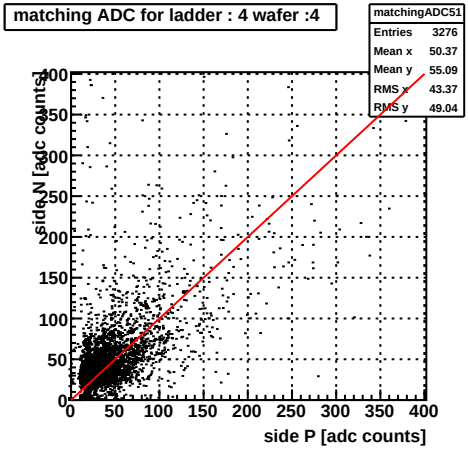

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2921
Mean x 78.08
Mean y 72.44
RMS x 56.24
RMS y 52.75
side N [adc counts]
side P [adc counts]

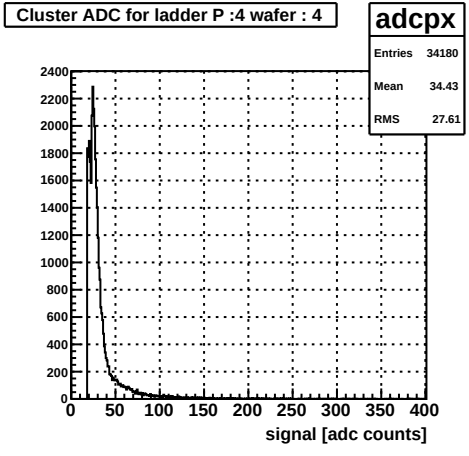

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 21285
Mean 42.62
RMS 41.18
signal [adc counts]

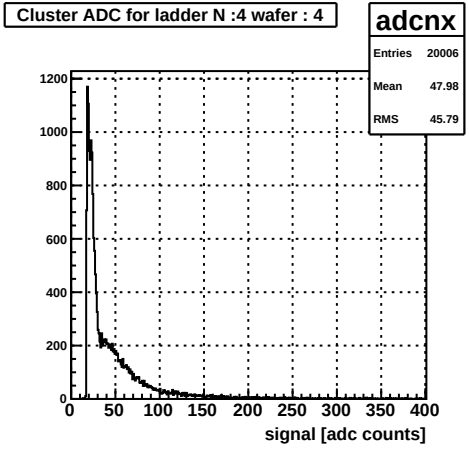

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 16168
Mean 58.77
RMS 51.54
signal [adc counts]

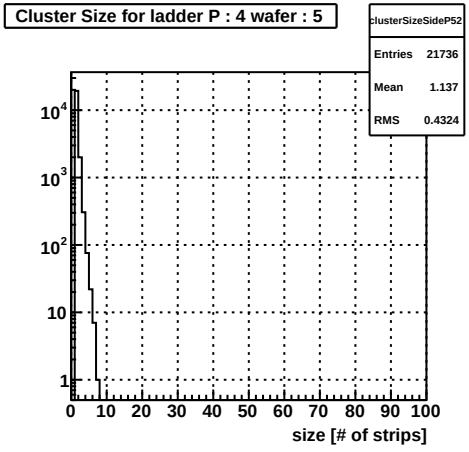

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 34180
Mean 1.055
RMS 0.2519
size [# of strips]

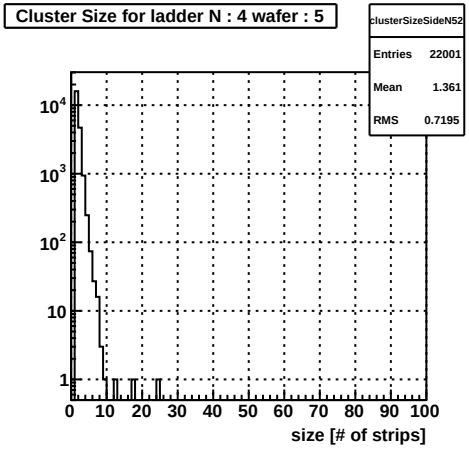

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 20006
Mean 1.286
RMS 0.6131
size [# of strips]

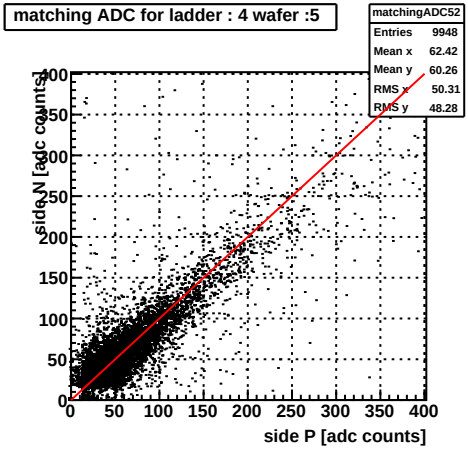

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 3276
Mean x 50.37
Mean y 55.09
RMS x 43.37
RMS y 49.04
side N [adc counts]
side P [adc counts]

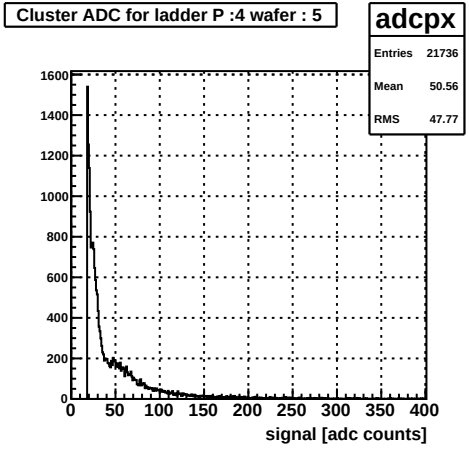

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 34180
Mean 34.43
RMS 27.61
signal [adc counts]

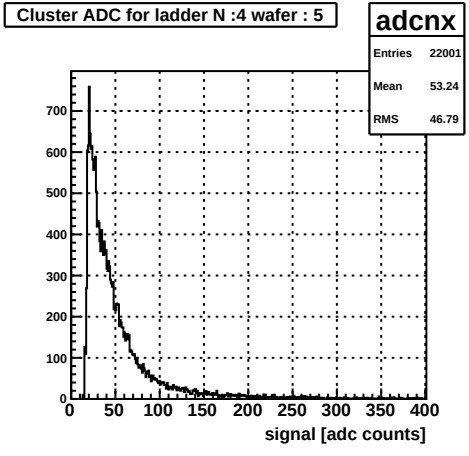

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 20006
Mean 47.98
RMS 45.79
signal [adc counts]

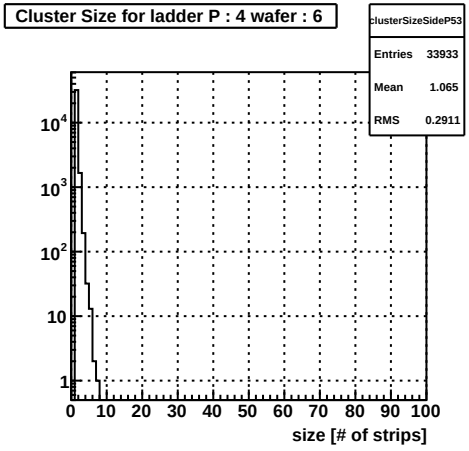

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 21736
Mean 1.137
RMS 0.4324
size [# of strips]

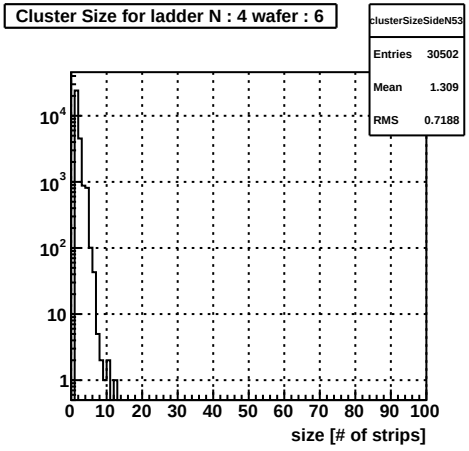

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 22001
Mean 1.361
RMS 0.7195
size [# of strips]

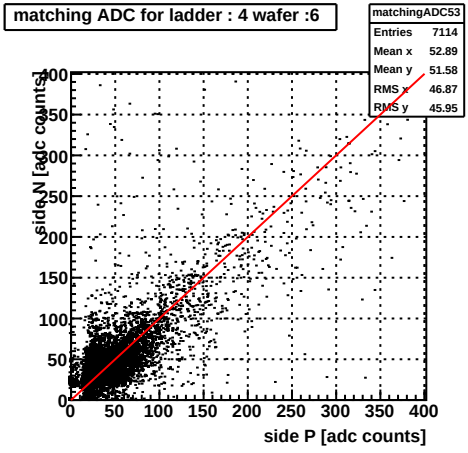

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 9948
Mean x 62.42
Mean y 60.26
RMS x 50.31
RMS y 48.28
side N [adc counts]
side P [adc counts]

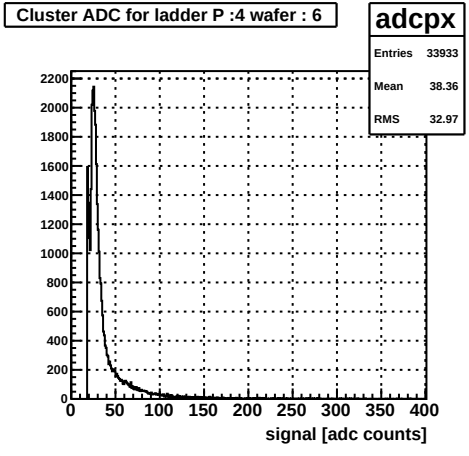

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 21736
Mean 50.56
RMS 47.77
signal [adc counts]

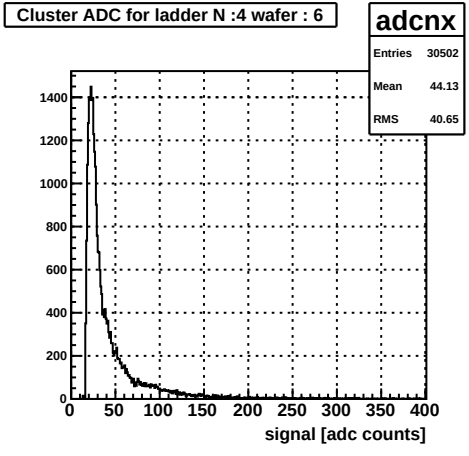

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 22001
Mean 53.24
RMS 46.79
signal [adc counts]

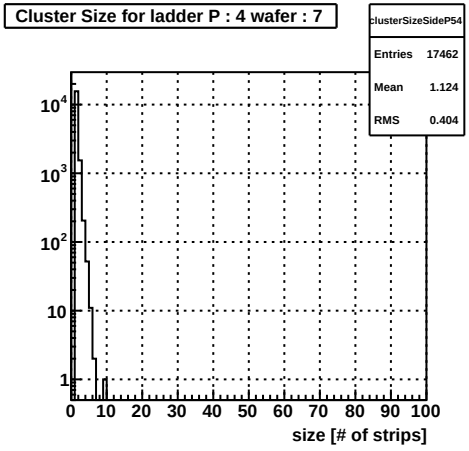

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 33933
Mean 1.065
RMS 0.2911
size [# of strips]

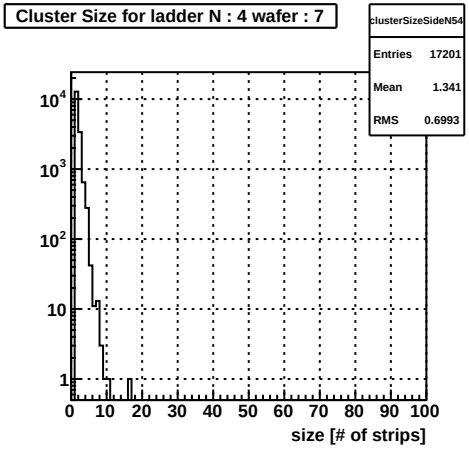

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 30502
Mean 1.309
RMS 0.7188
size [# of strips]

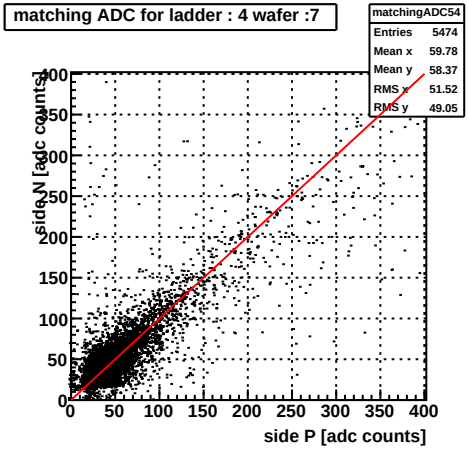

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 7114
Mean x 52.89
Mean y 51.58
RMS x 46.87
RMS y 45.95
side N [adc counts]
side P [adc counts]

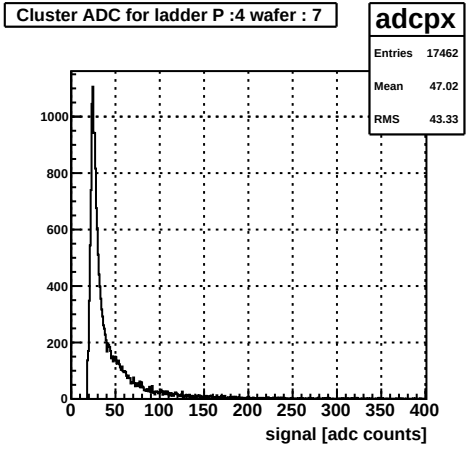

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 33933
Mean 38.36
RMS 32.97
signal [adc counts]

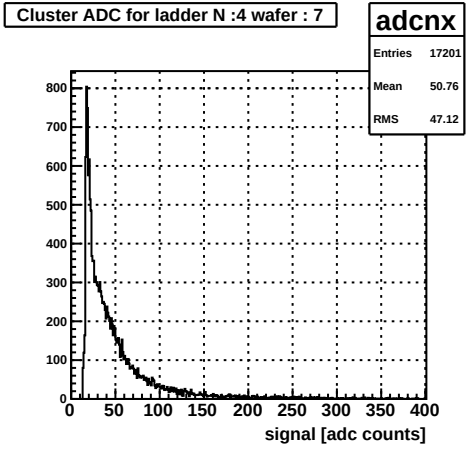

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 30502
Mean 44.13
RMS 40.65
signal [adc counts]

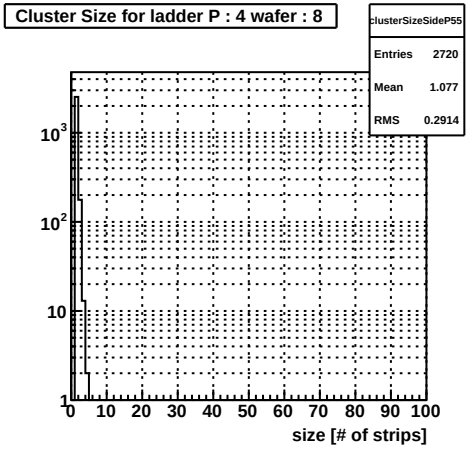

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 17462
Mean 1.124
RMS 0.404
size [# of strips]

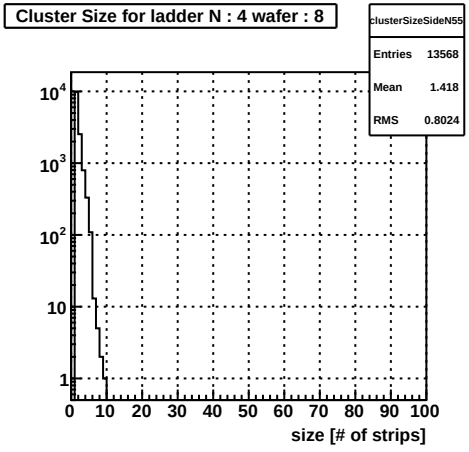

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 17201
Mean 1.341
RMS 0.6993
size [# of strips]

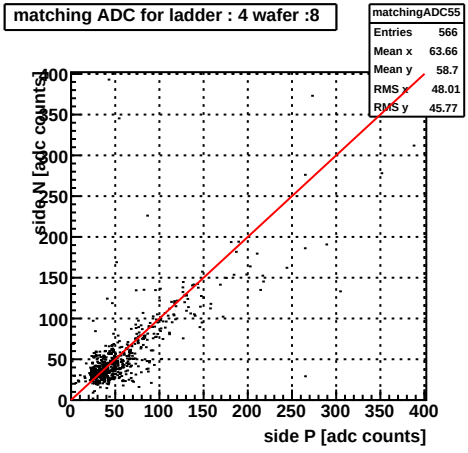

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 5474
Mean x 59.78
Mean y 58.37
RMS x 51.52
RMS y 49.05
side N [adc counts]
side P [adc counts]

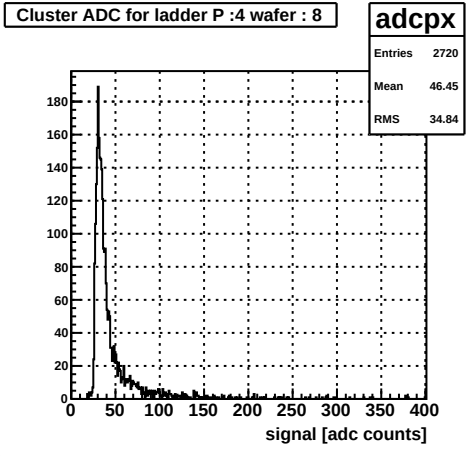

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 17462
Mean 47.02
RMS 43.33
signal [adc counts]

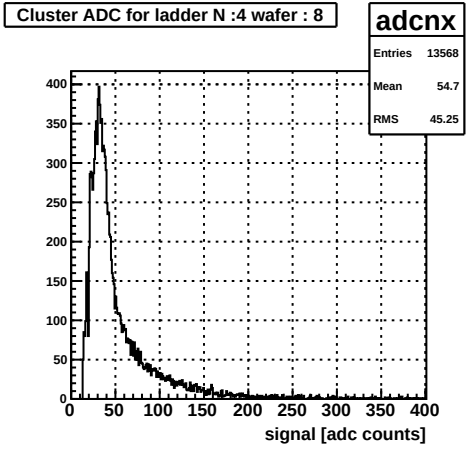

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 17201
Mean 50.76
RMS 47.12
signal [adc counts]

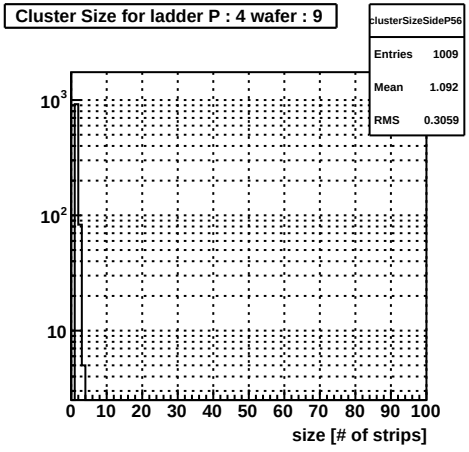

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2720
Mean 1.077
RMS 0.2914
size [# of strips]

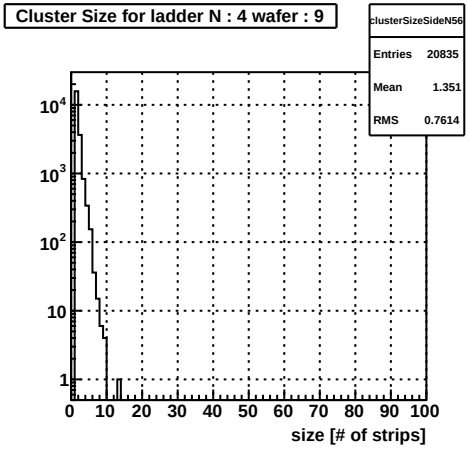

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 13568
Mean 1.418
RMS 0.8024
size [# of strips]

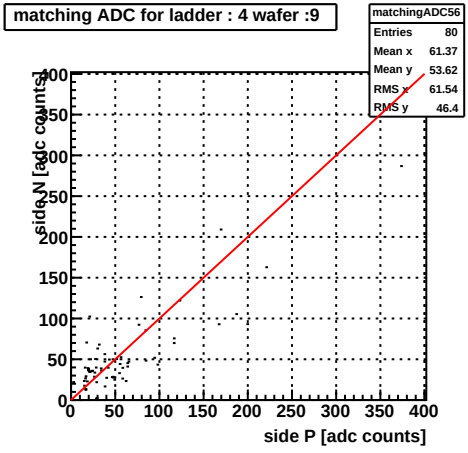

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 566
Mean x 63.66
Mean y 58.7
RMS x 48.01
RMS y 45.77
side N [adc counts]
side P [adc counts]

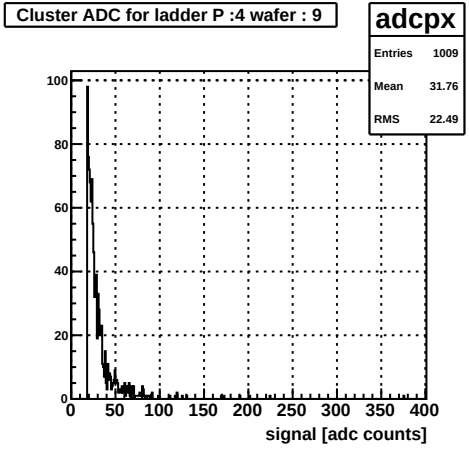

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2720
Mean 46.45
RMS 34.84
signal [adc counts]

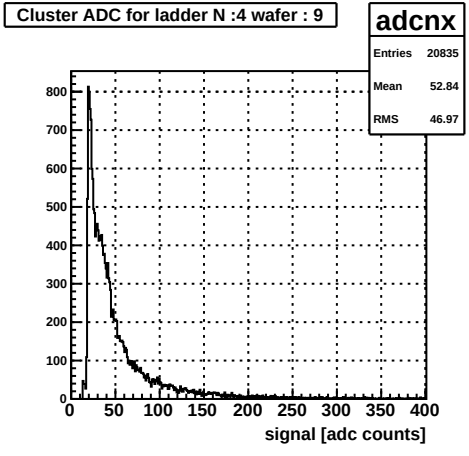

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 13568
Mean 54.7
RMS 45.25
signal [adc counts]

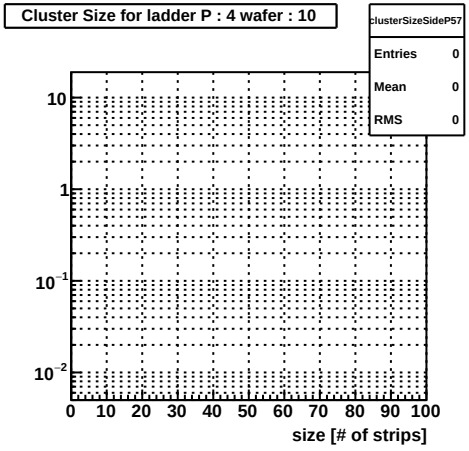

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1009
Mean 1.092
RMS 0.3059
size [# of strips]

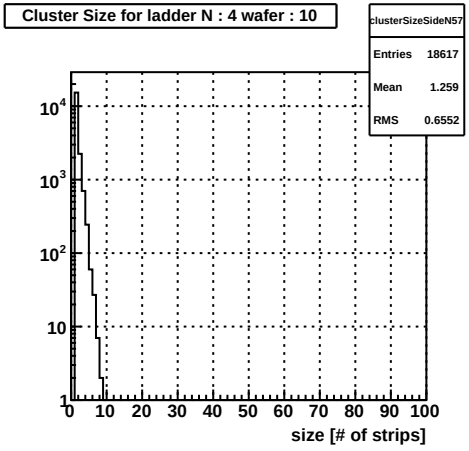

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 20835
Mean 1.351
RMS 0.7614
size [# of strips]

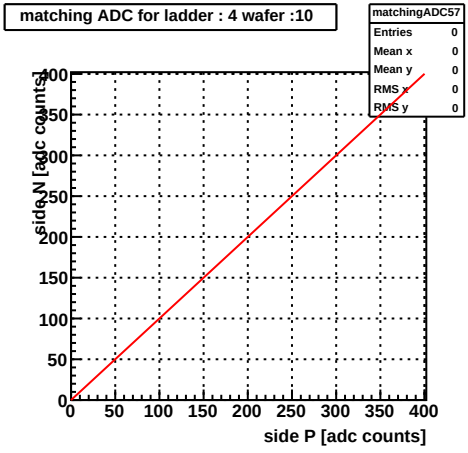

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 80
Mean x 61.37
Mean y 53.62
RMS x 61.54
RMS y 46.4
side N [adc counts]
side P [adc counts]

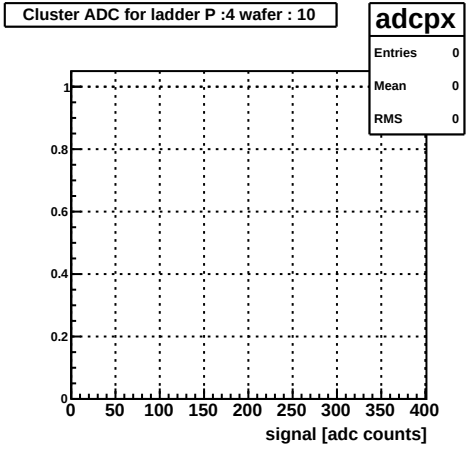

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1009
Mean 31.76
RMS 22.49
signal [adc counts]

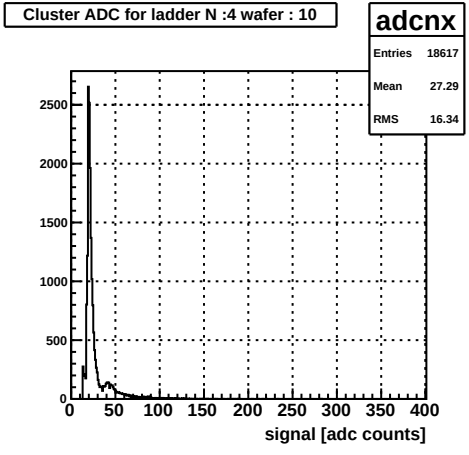

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 20835
Mean 52.84
RMS 46.97
signal [adc counts]

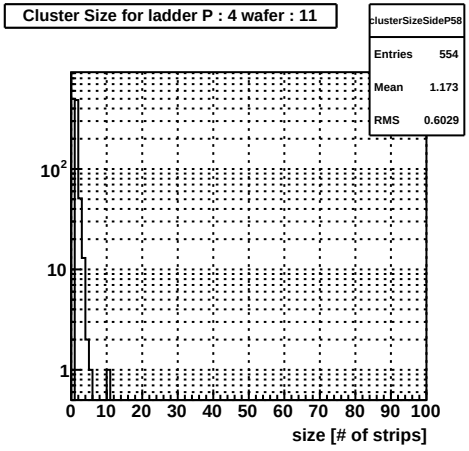

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

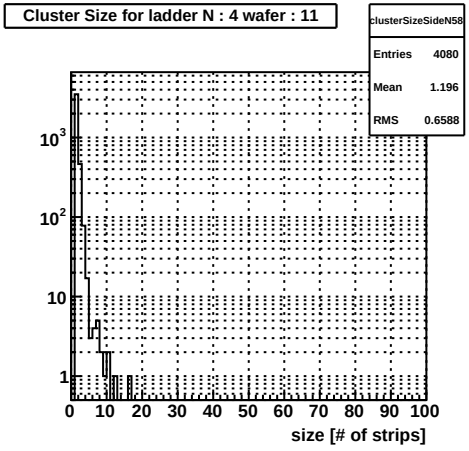

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 18617
Mean 1.259
RMS 0.6552
size [# of strips]

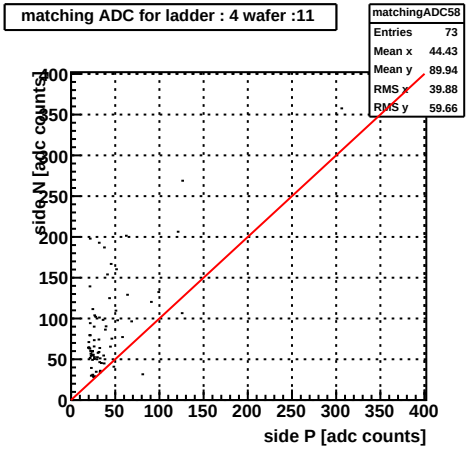

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

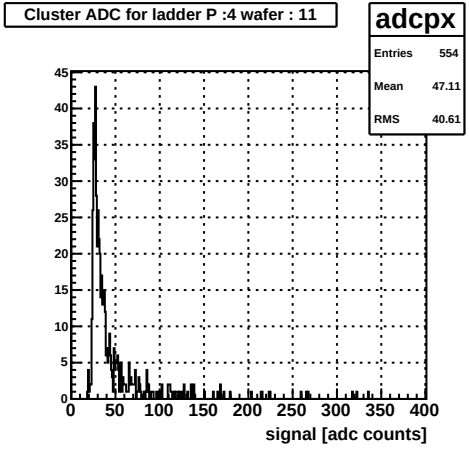

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

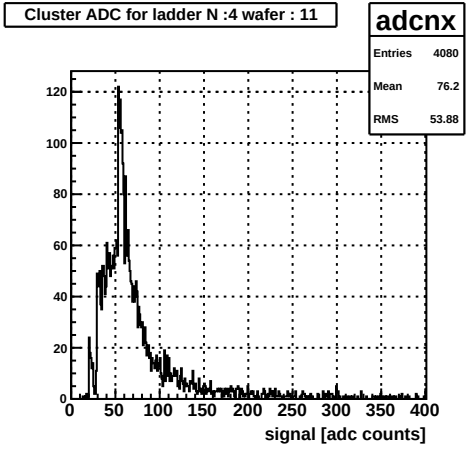

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 18617
Mean 27.29
RMS 16.34
signal [adc counts]

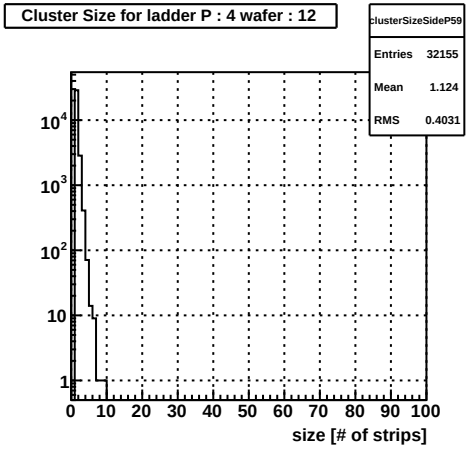

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 554
Mean 1.173
RMS 0.6029
size [# of strips]

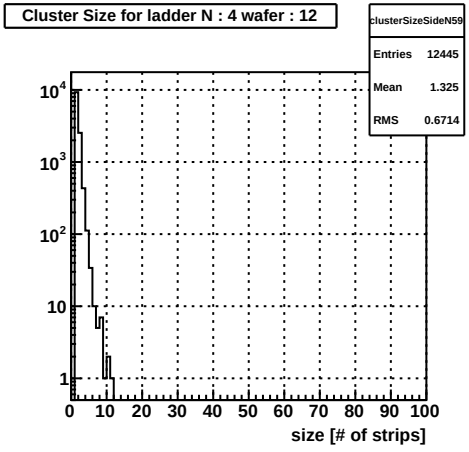

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 4080
Mean 1.196
RMS 0.6588
size [# of strips]

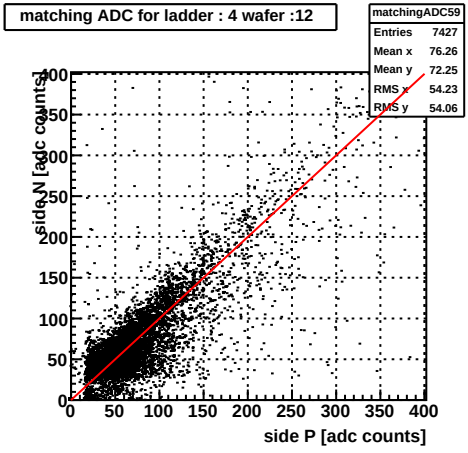

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 73
Mean x 44.43
Mean y 89.94
RMS x 39.88
RMS y 59.66
side N [adc counts]
side P [adc counts]

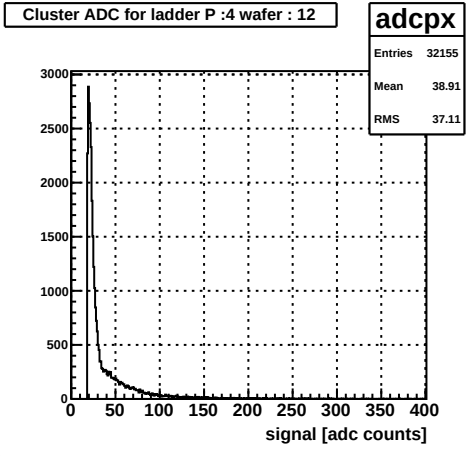

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 554
Mean 47.11
RMS 40.61
signal [adc counts]

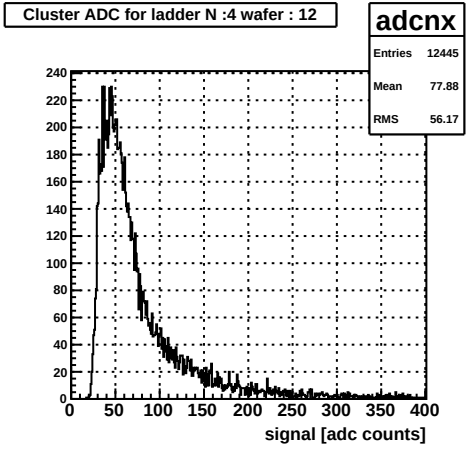

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 4080
Mean 76.2
RMS 53.88
signal [adc counts]

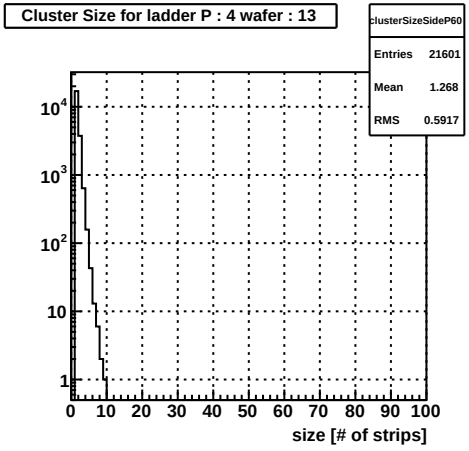

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 32155
Mean 1.124
RMS 0.4031
size [# of strips]

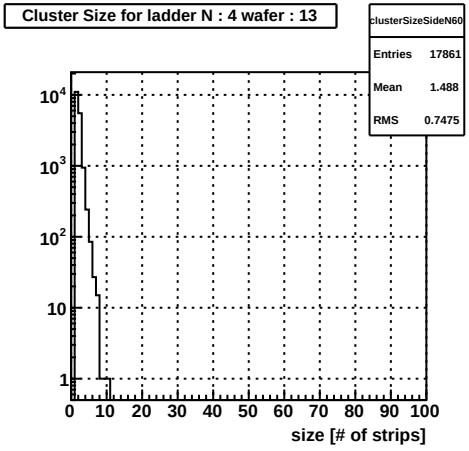

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 12445
Mean 1.325
RMS 0.6714
size [# of strips]

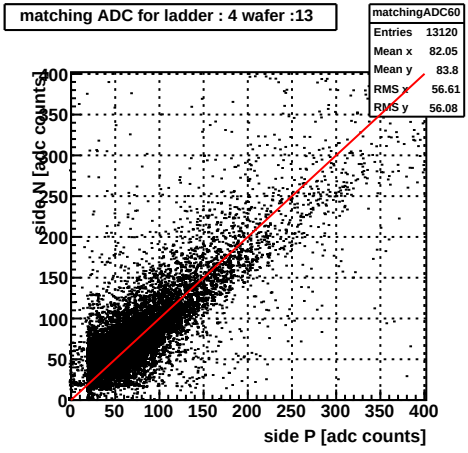

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 7427
Mean x 76.26
Mean y 72.25
RMS x 54.23
RMS y 54.06
side N [adc counts]
side P [adc counts]

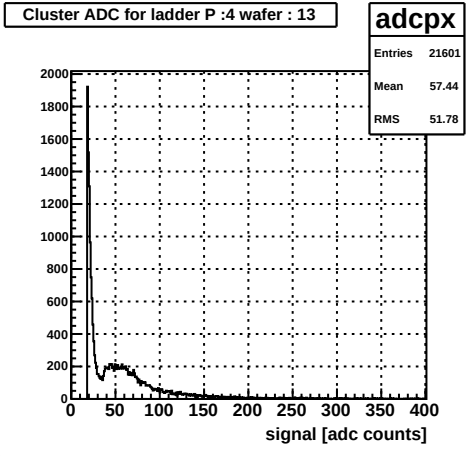

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 32155
Mean 38.91
RMS 37.11
signal [adc counts]

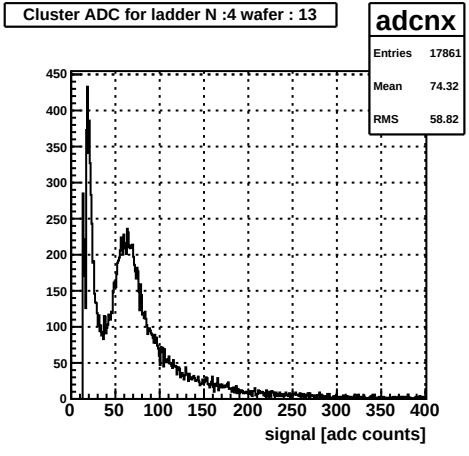

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 12445
Mean 77.88
RMS 56.17
signal [adc counts]

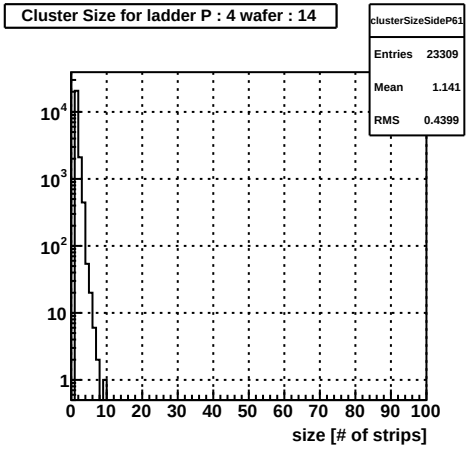

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 21601
Mean 1.268
RMS 0.5917
size [# of strips]

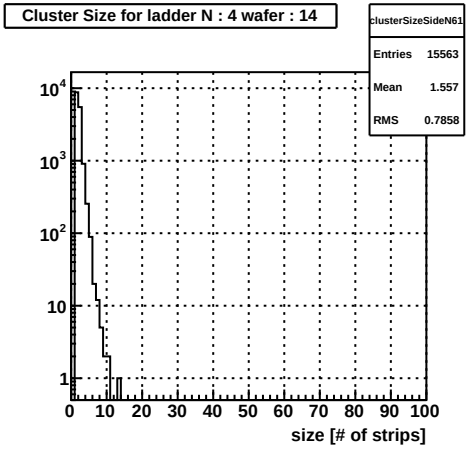

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 17861
Mean 1.488
RMS 0.7475
size [# of strips]

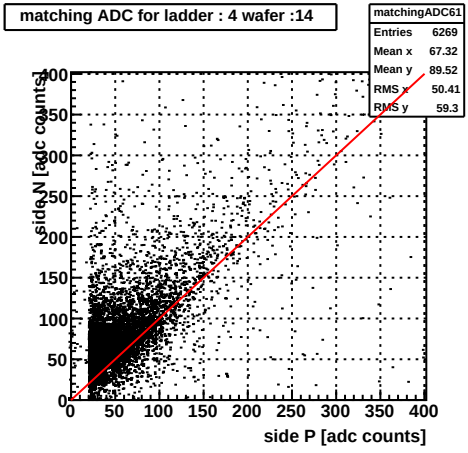

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 13120
Mean x 82.05
Mean y 83.8
RMS x 56.61
RMS y 56.08
side N [adc counts]
side P [adc counts]

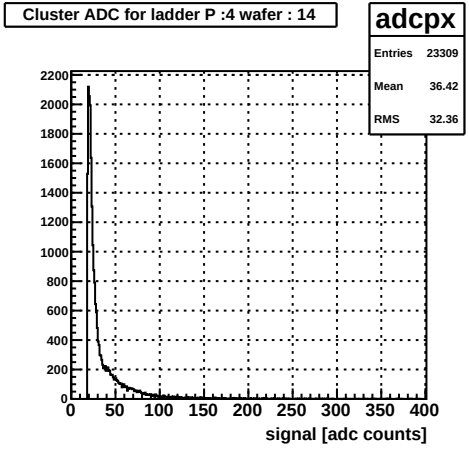

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 21601
Mean 57.44
RMS 51.78
signal [adc counts]

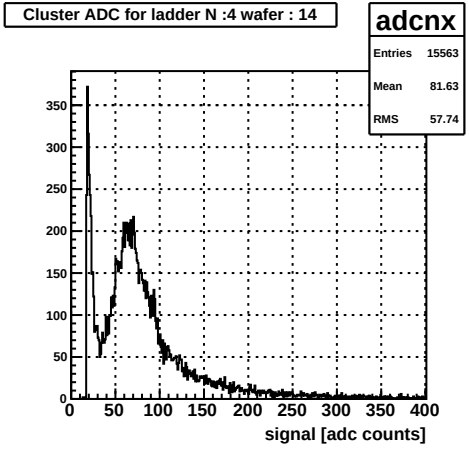

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 17861
Mean 74.32
RMS 58.82
signal [adc counts]

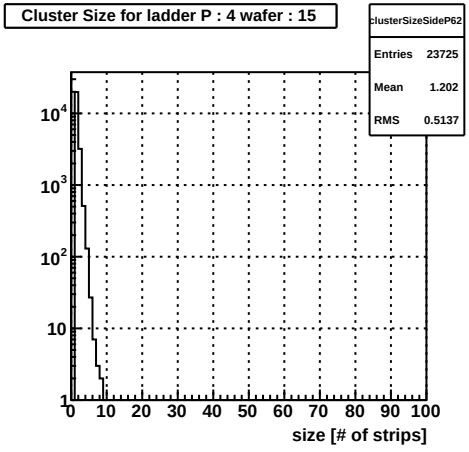

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 23309
Mean 1.141
RMS 0.4399
size [# of strips]

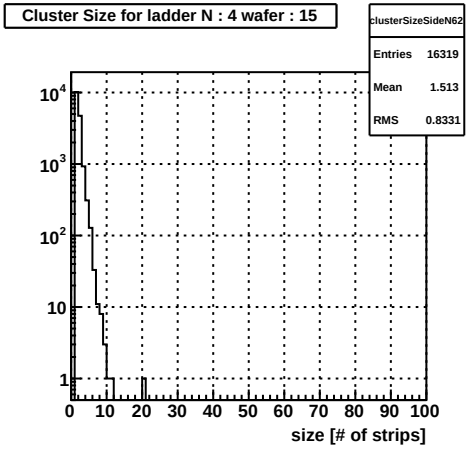

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 15563
Mean 1.557
RMS 0.7858
size [# of strips]

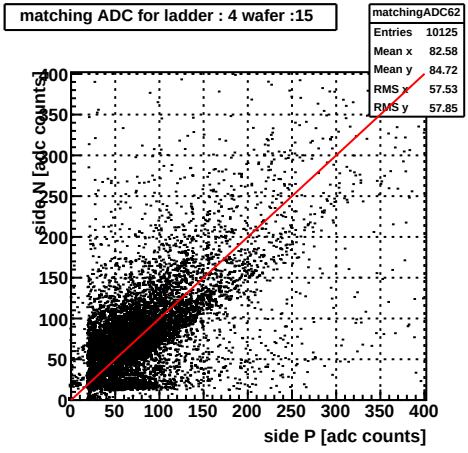

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 6269
Mean x 67.32
Mean y 89.52
RMS x 50.41
RMS y 59.3
side N [adc counts]
side P [adc counts]

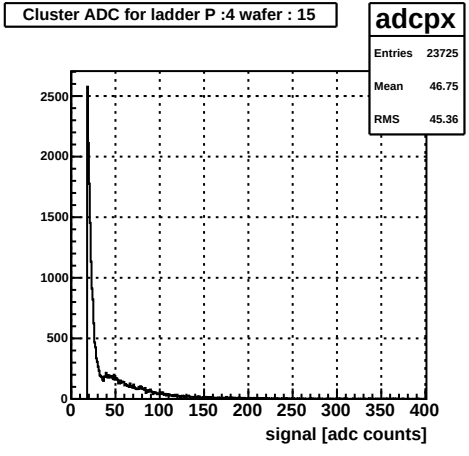

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 23309
Mean 36.42
RMS 32.36
signal [adc counts]

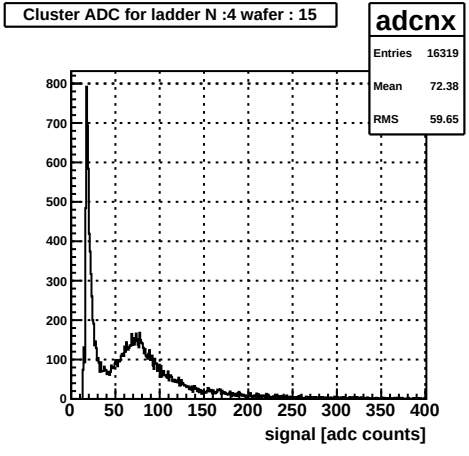

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 15563
Mean 81.63
RMS 57.74
signal [adc counts]

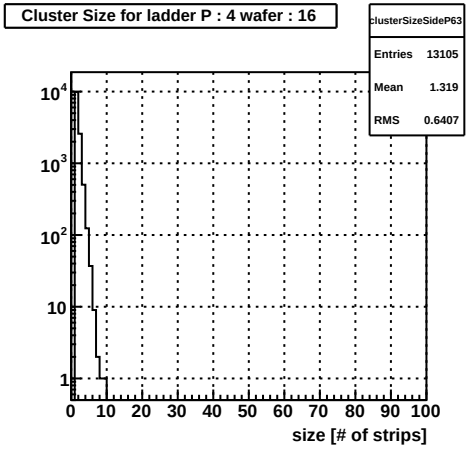

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 23725
Mean 1.202
RMS 0.5137
size [# of strips]

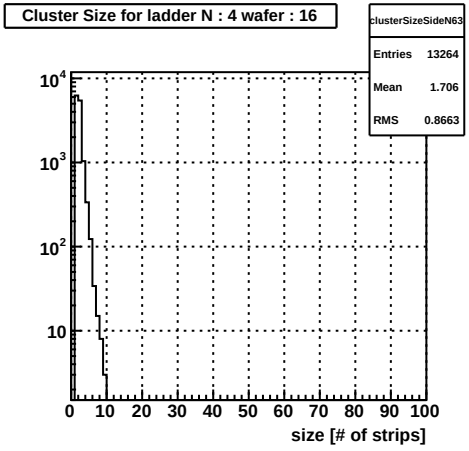

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 16319
Mean 1.513
RMS 0.8331
size [# of strips]

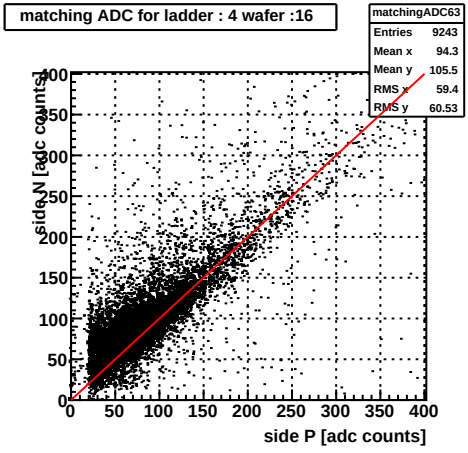

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 10125
Mean x 82.58
Mean y 84.72
RMS x 57.53
RMS y 57.85
side N [adc counts]
side P [adc counts]

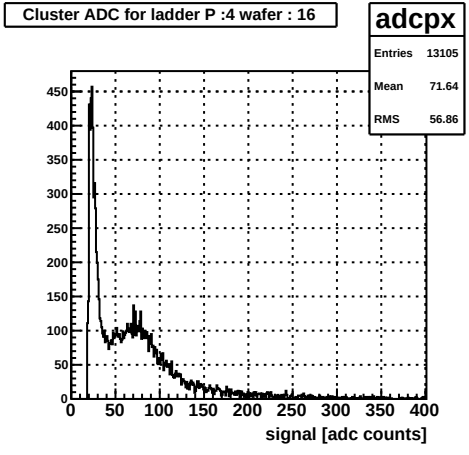

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 23725
Mean 46.75
RMS 45.36
signal [adc counts]

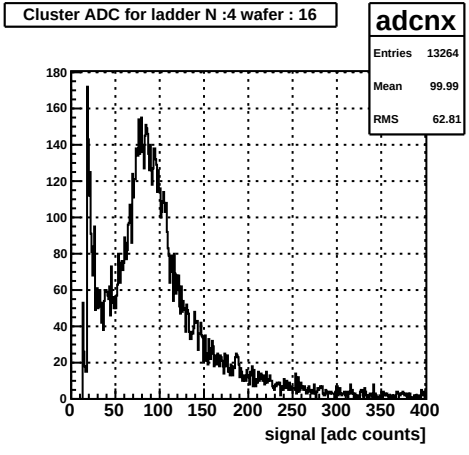

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 16319
Mean 72.38
RMS 59.65
signal [adc counts]

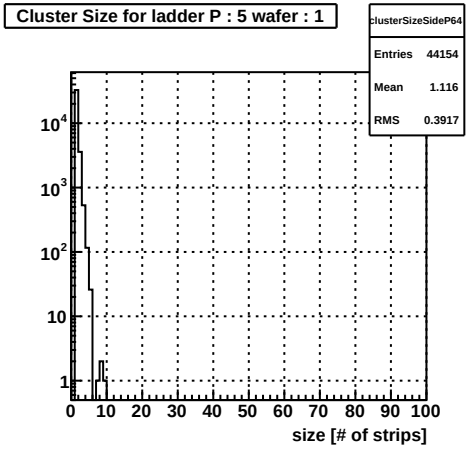

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 13105
Mean 1.319
RMS 0.6407
size [# of strips]

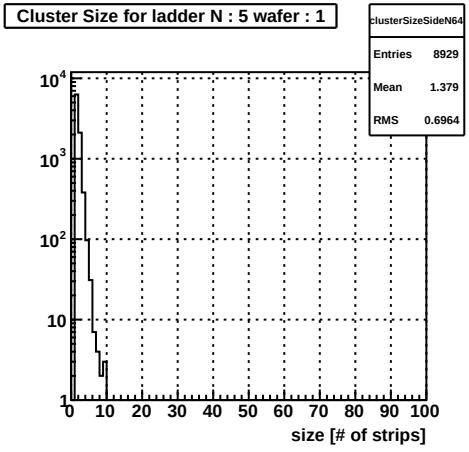

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 13264
Mean 1.706
RMS 0.8663
size [# of strips]

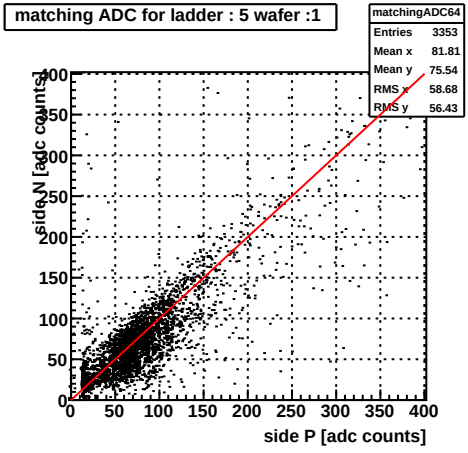

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 9243
Mean x 94.3
Mean y 105.5
RMS x 59.4
RMS y 60.53
side N [adc counts]
side P [adc counts]

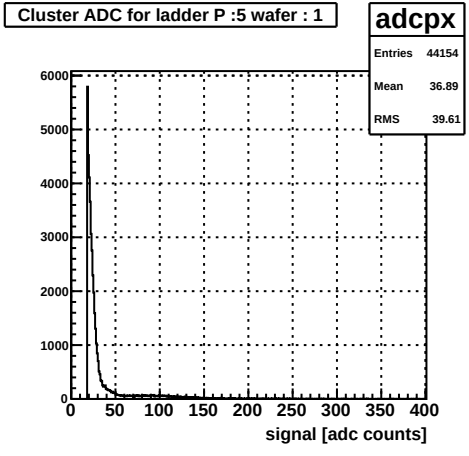

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 13105
Mean 71.64
RMS 56.86
signal [adc counts]

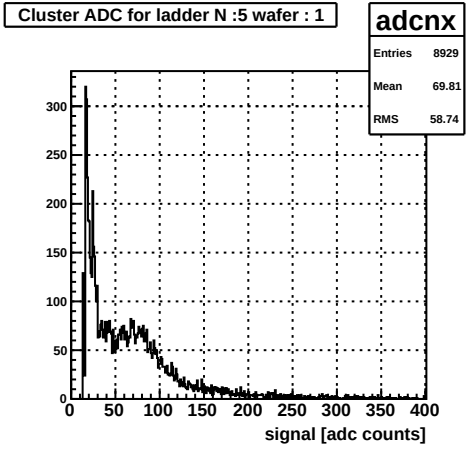

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 13264
Mean 99.99
RMS 62.81
signal [adc counts]

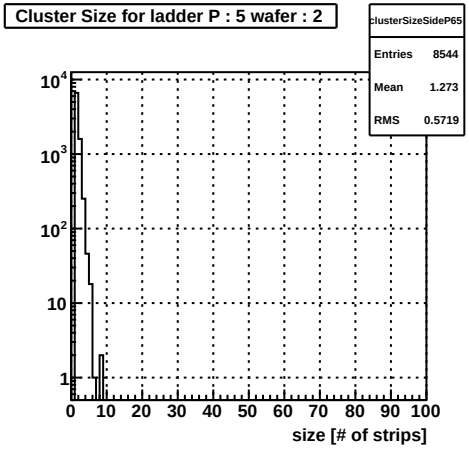

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 44154
Mean 1.116
RMS 0.3917
size [# of strips]

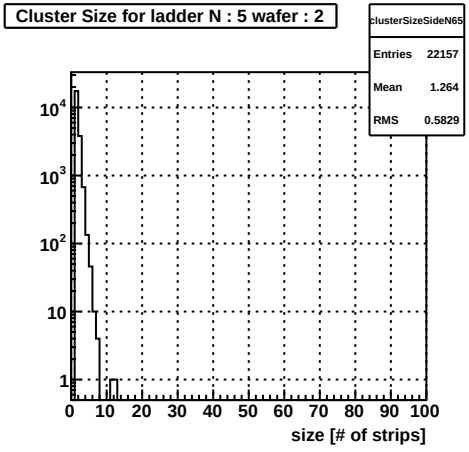

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 8929
Mean 1.379
RMS 0.6964
size [# of strips]

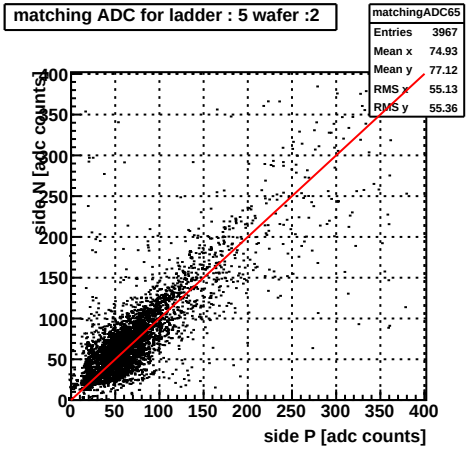

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3353
Mean x 81.81
Mean y 75.54
RMS x 58.68
RMS y 56.43
side N [adc counts]
side P [adc counts]

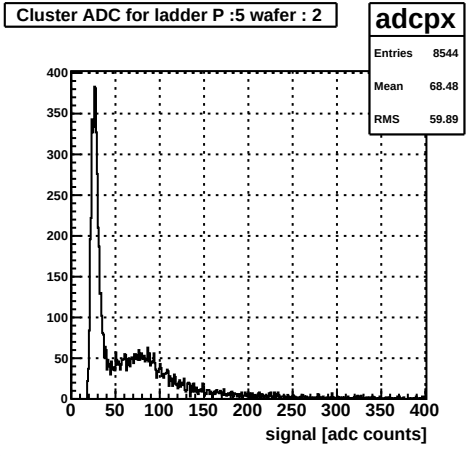

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 44154
Mean 36.89
RMS 39.61
signal [adc counts]

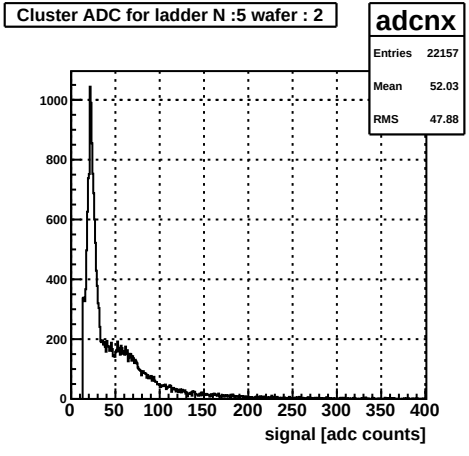

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 8929
Mean 69.81
RMS 58.74
signal [adc counts]

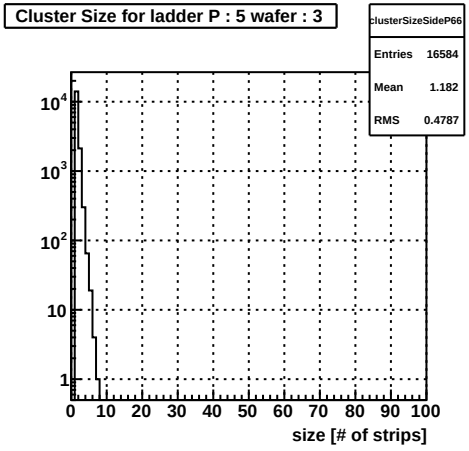

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 8544
Mean 1.273
RMS 0.5719
size [# of strips]

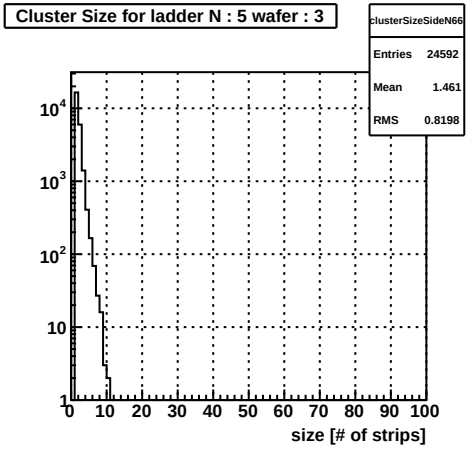

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 22157
Mean 1.264
RMS 0.5829
size [# of strips]

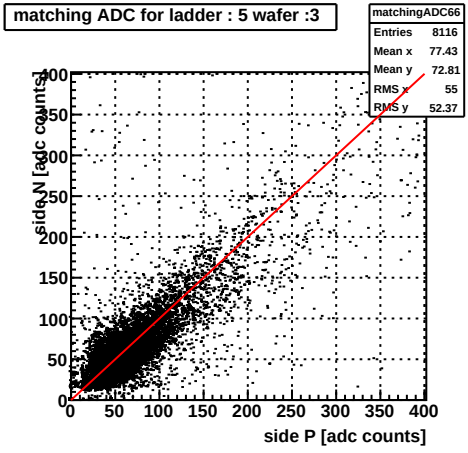

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3967
Mean x 74.93
Mean y 77.12
RMS x 55.13
RMS y 55.36
side N [adc counts]
side P [adc counts]

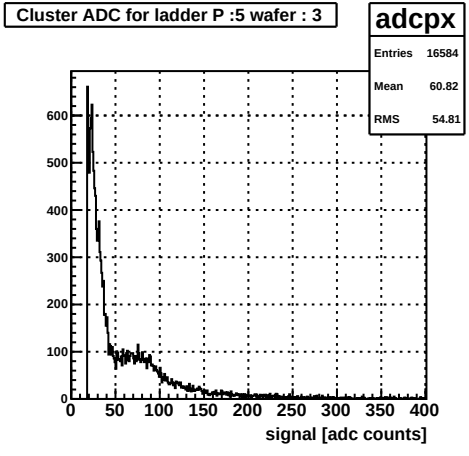

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 8544
Mean 68.48
RMS 59.89
signal [adc counts]

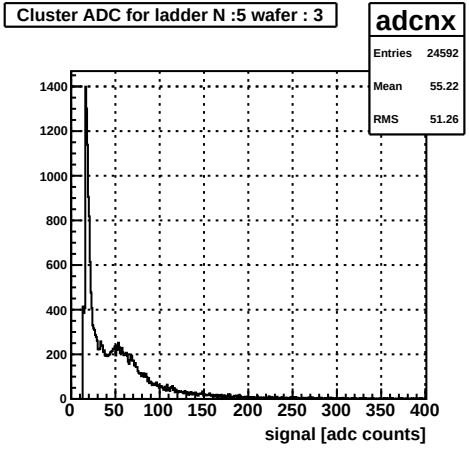

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 22157
Mean 52.03
RMS 47.88
signal [adc counts]

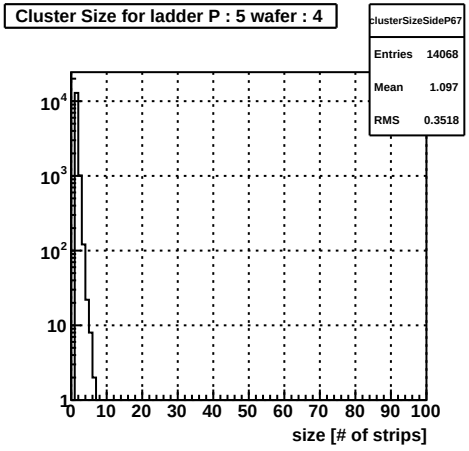

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 16584
Mean 1.182
RMS 0.4787
size [# of strips]

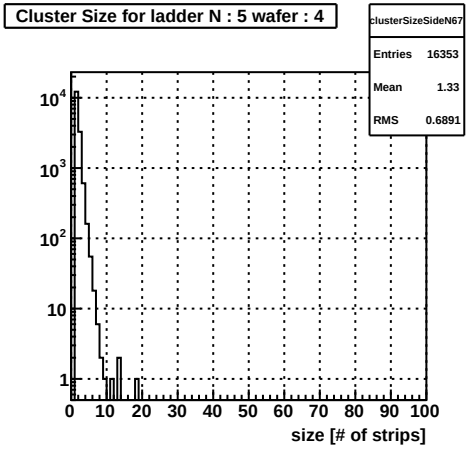

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 24592
Mean 1.461
RMS 0.8198
size [# of strips]

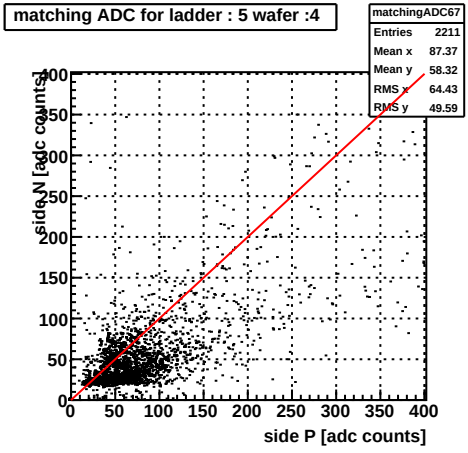

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 8116
Mean x 77.43
Mean y 72.81
RMS x 55
RMS y 52.37
side N [adc counts]
side P [adc counts]

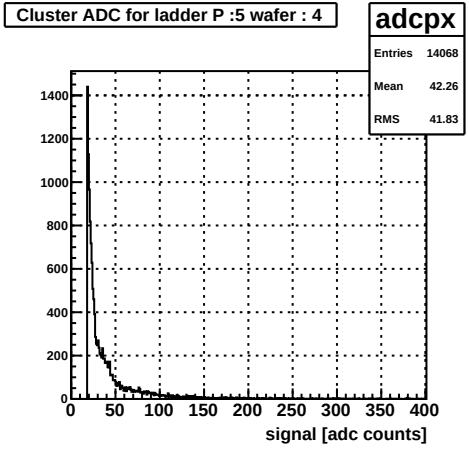

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 16584
Mean 60.82
RMS 54.81
signal [adc counts]

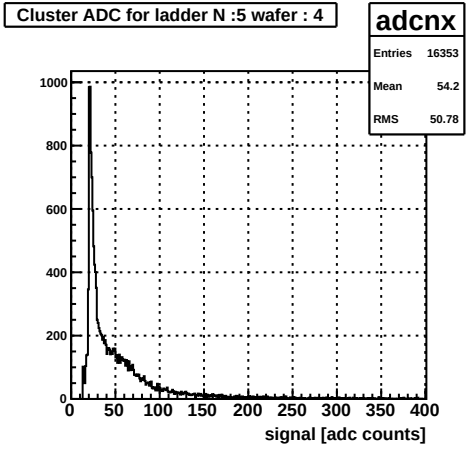

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 24592
Mean 55.22
RMS 51.26
signal [adc counts]

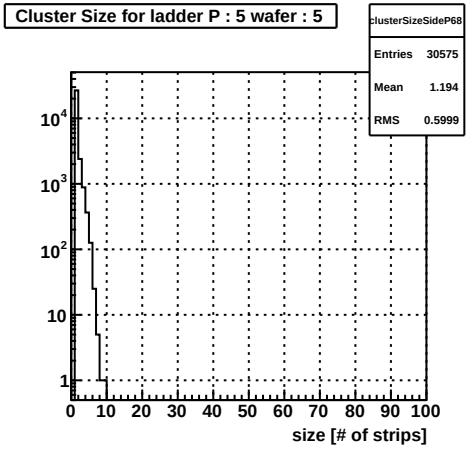

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 14068
Mean 1.097
RMS 0.3518
size [# of strips]

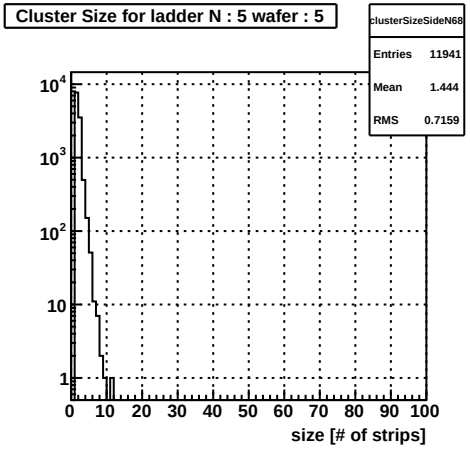

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 16353
Mean 1.33
RMS 0.6891
size [# of strips]

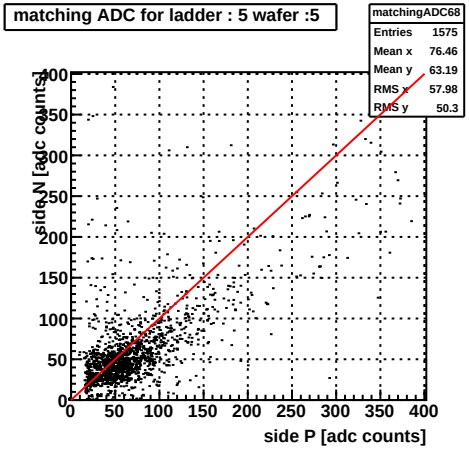

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2211
Mean x 87.37
Mean y 58.32
RMS x 64.43
RMS y 49.59
side N [adc counts]
side P [adc counts]

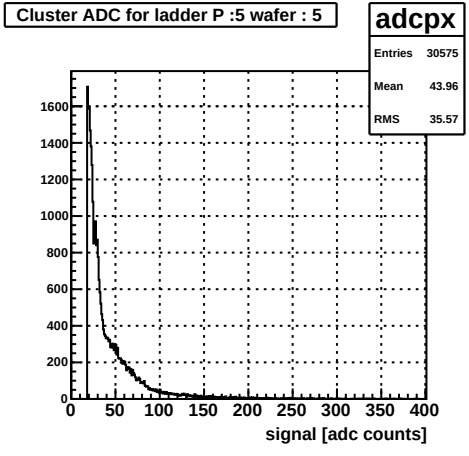

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 14068
Mean 42.26
RMS 41.83
signal [adc counts]

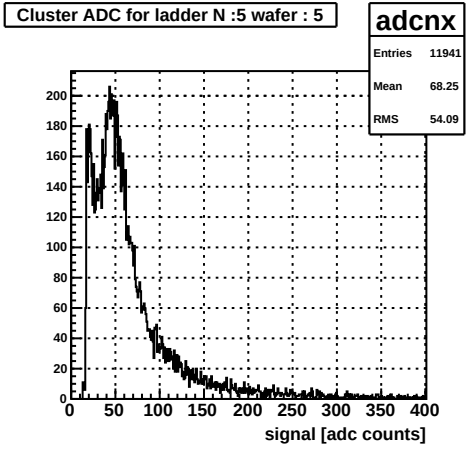

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 16353
Mean 54.2
RMS 50.78
signal [adc counts]

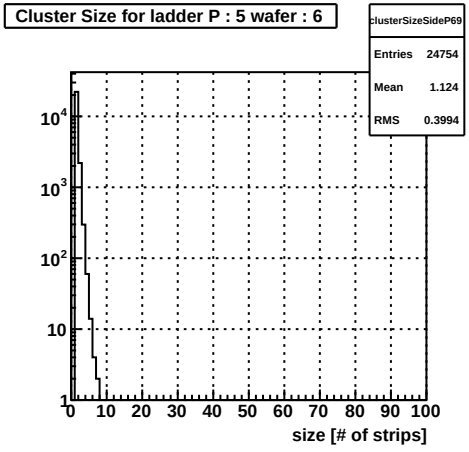

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 30575
Mean 1.194
RMS 0.5999
size [# of strips]

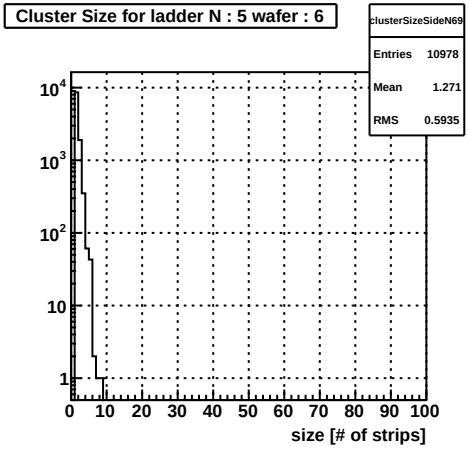

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 11941
Mean 1.444
RMS 0.7159
size [# of strips]

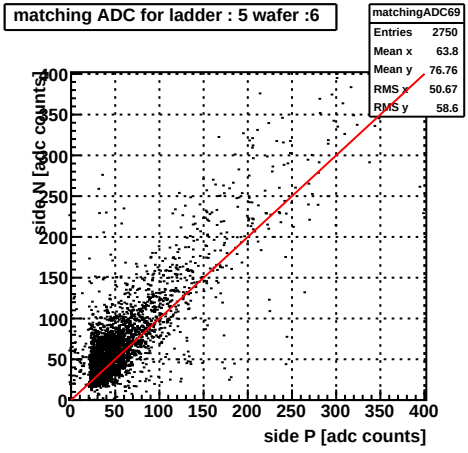

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1575
Mean x 76.46
Mean y 63.19
RMS x 57.98
RMS y 50.3
side N [adc counts]
side P [adc counts]

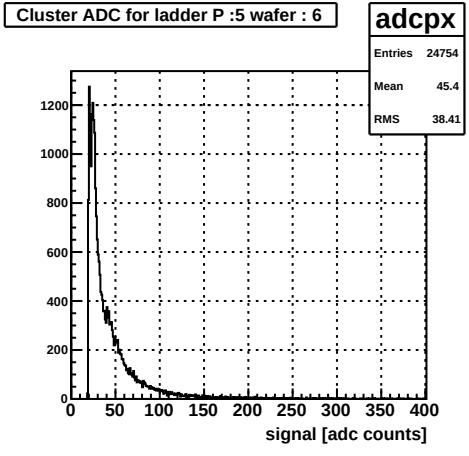

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 30575
Mean 43.96
RMS 35.57
signal [adc counts]

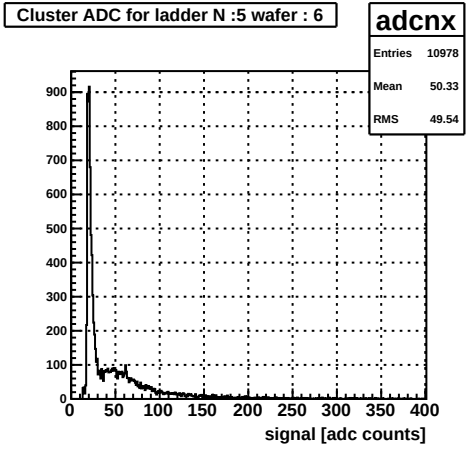

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 11941
Mean 68.25
RMS 54.09
signal [adc counts]

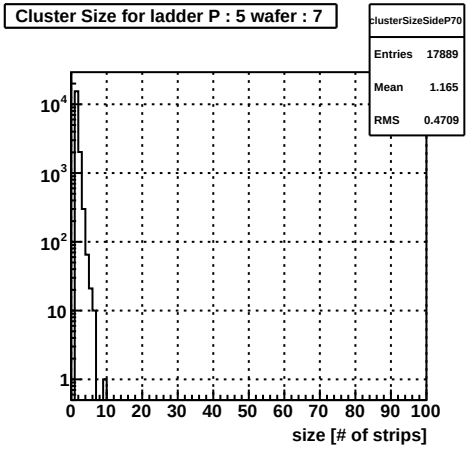

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 24754
Mean 1.124
RMS 0.3994
size [# of strips]

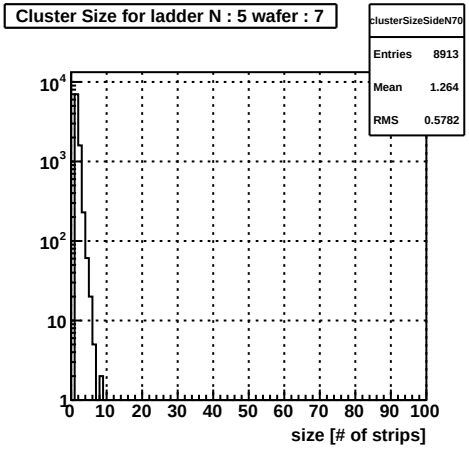

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10978
Mean 1.271
RMS 0.5935
size [# of strips]

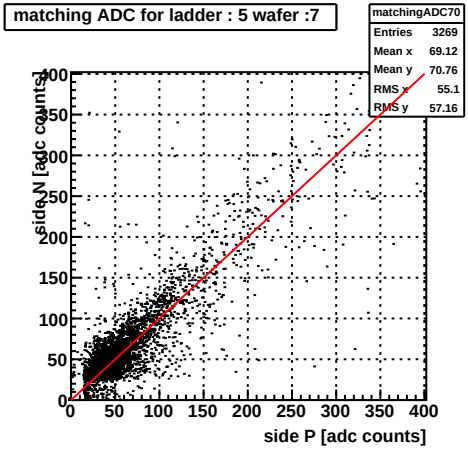

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2750
Mean x 63.8
Mean y 76.76
RMS x 50.67
RMS y 58.6
side N [adc counts]
side P [adc counts]

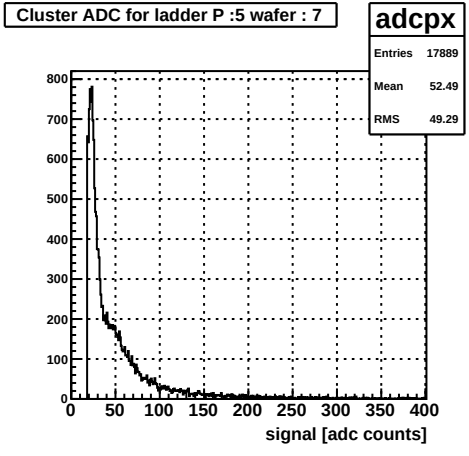

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 24754
Mean 45.4
RMS 38.41
signal [adc counts]

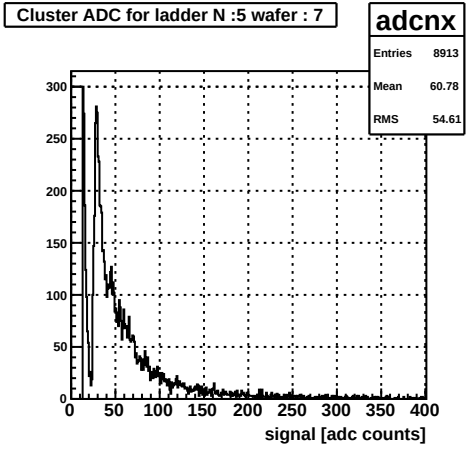

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10978
Mean 50.33
RMS 49.54
signal [adc counts]

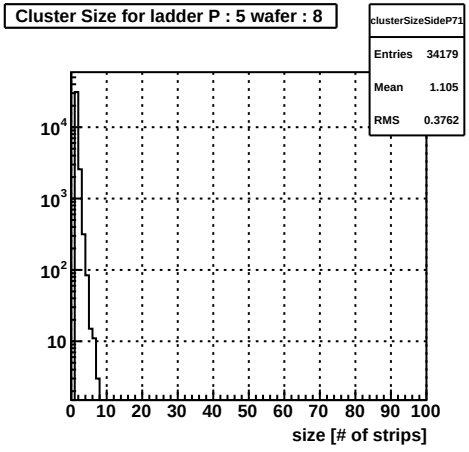

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 17889
Mean 1.165
RMS 0.4709
size [# of strips]

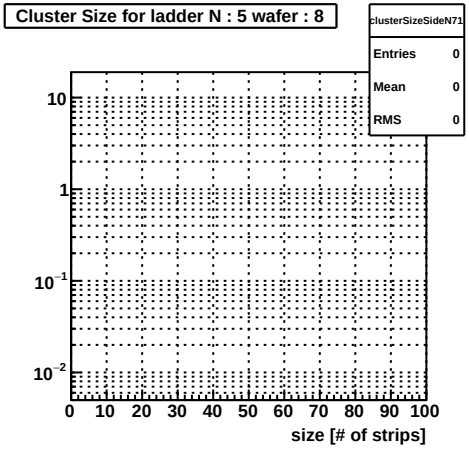

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 8913
Mean 1.264
RMS 0.5782
size [# of strips]

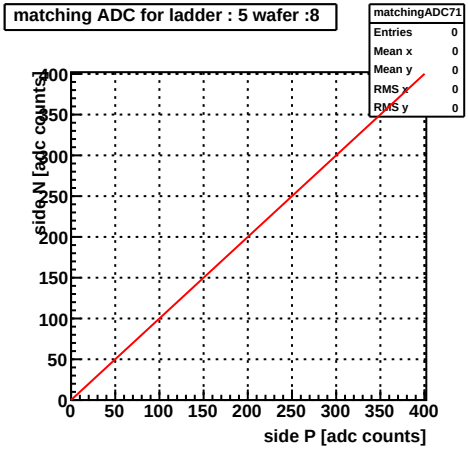

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3269
Mean x 69.12
Mean y 70.76
RMS x 55.1
RMS y 57.16
side N [adc counts]
side P [adc counts]

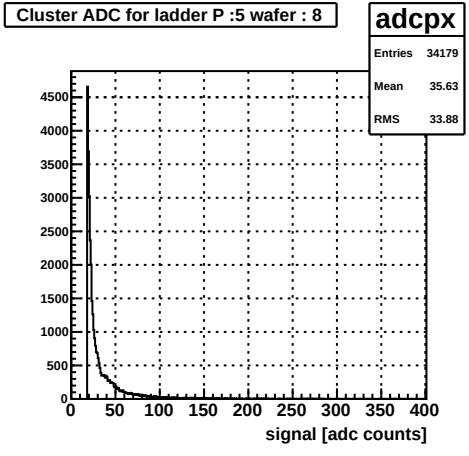

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 17889
Mean 52.49
RMS 49.29
signal [adc counts]

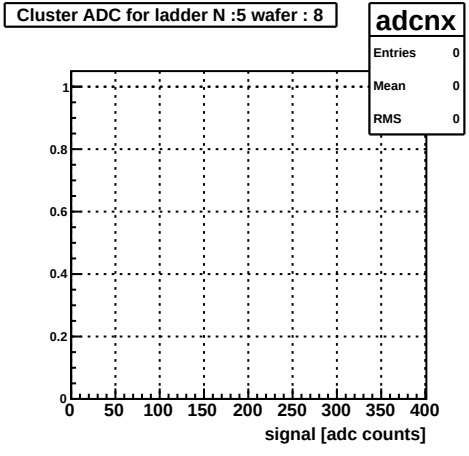

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 8913
Mean 60.78
RMS 54.61
signal [adc counts]

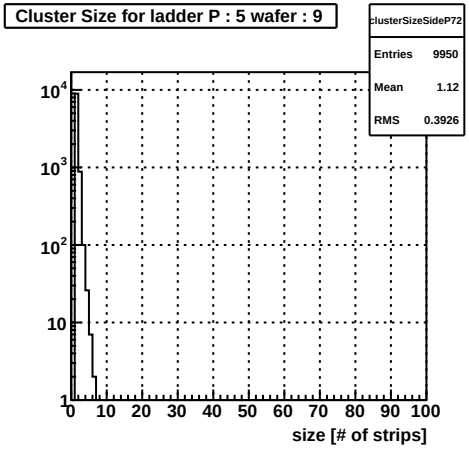

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 34179
Mean 1.105
RMS 0.3762
size [# of strips]

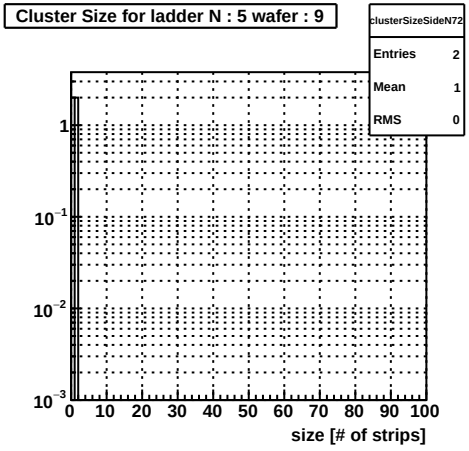

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

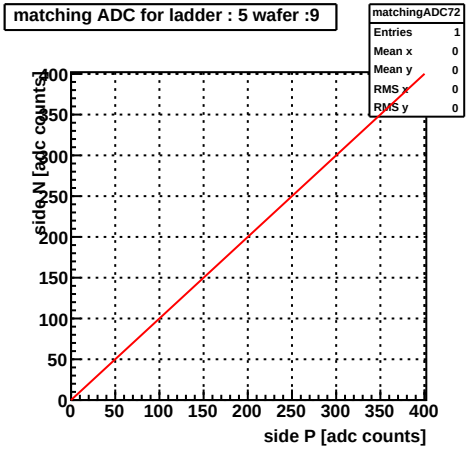

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

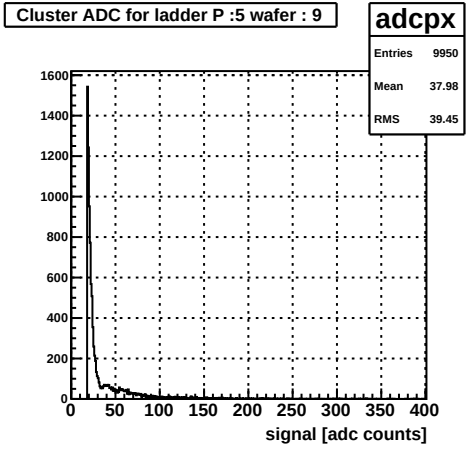

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 34179
Mean 35.63
RMS 33.88
signal [adc counts]

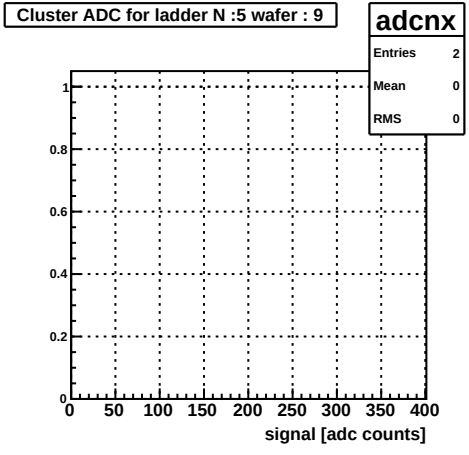

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

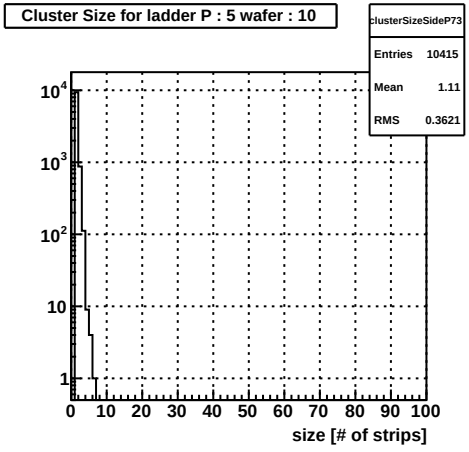

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 9950
Mean 1.12
RMS 0.3926
size [# of strips]

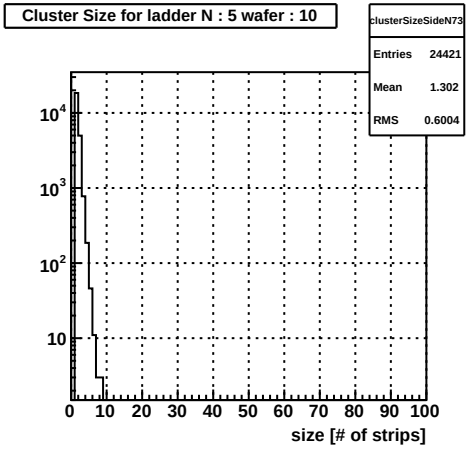

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 2
Mean 1
RMS 0
size [# of strips]

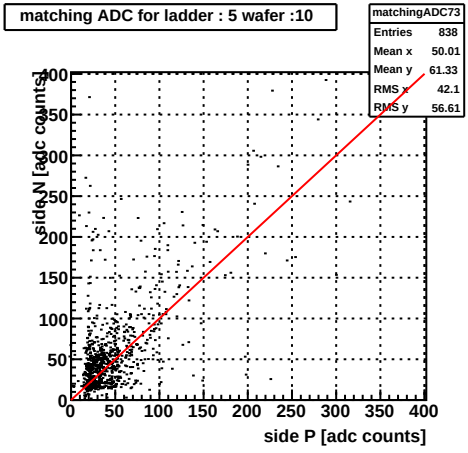

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

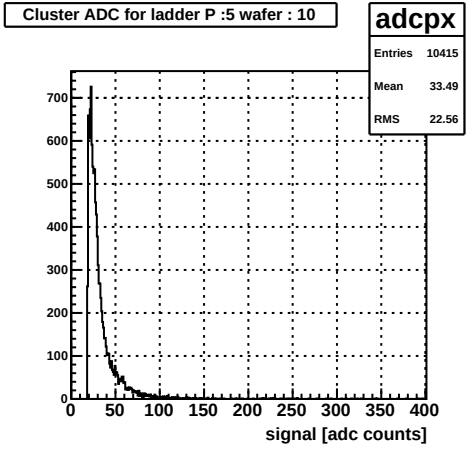

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 9950
Mean 37.98
RMS 39.45
signal [adc counts]

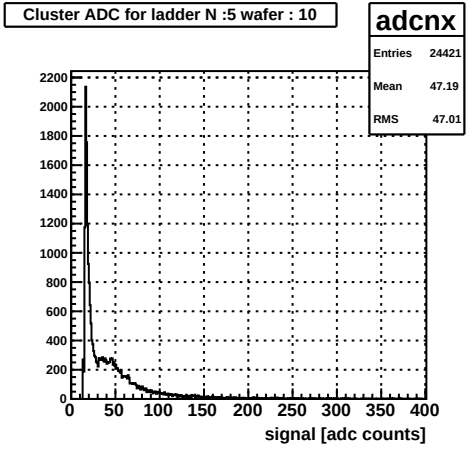

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

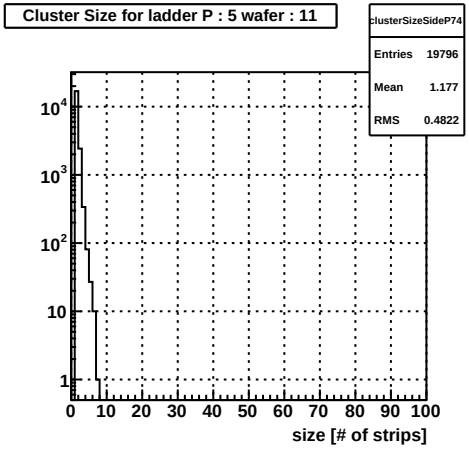

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 10415
Mean 1.11
RMS 0.3621
size [# of strips]

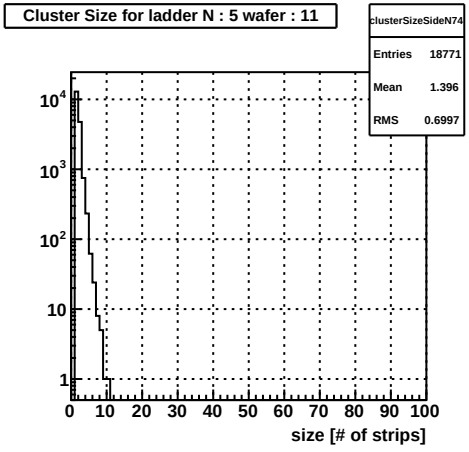

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 24421
Mean 1.302
RMS 0.6004
size [# of strips]

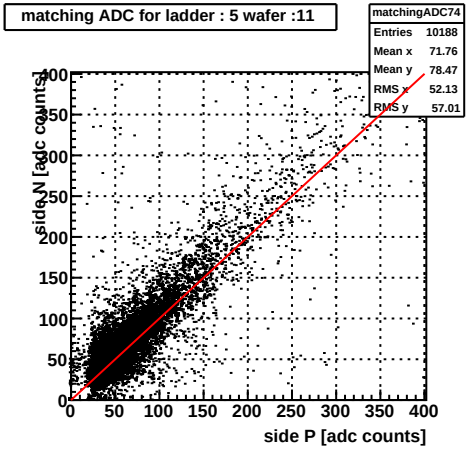

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 838
Mean x 50.01
Mean y 61.33
RMS x 42.1
RMS y 56.61
side N [adc counts]
side P [adc counts]

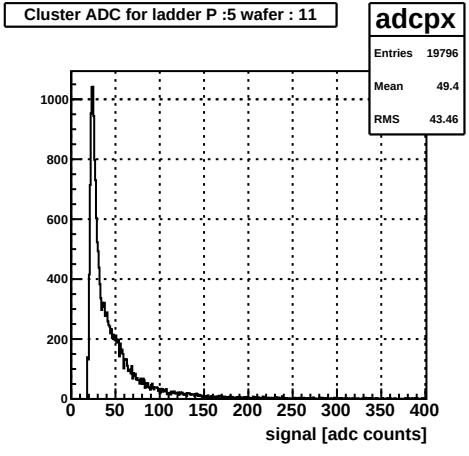

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 10415
Mean 33.49
RMS 22.56
signal [adc counts]

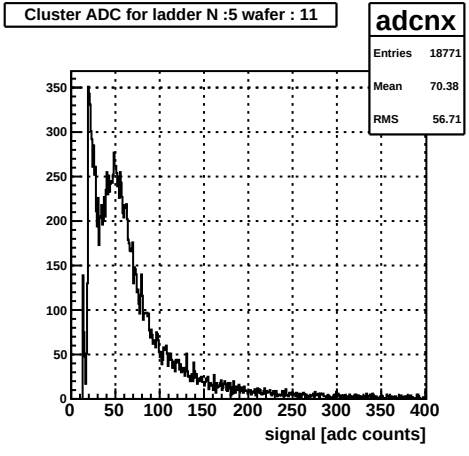

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 24421
Mean 47.19
RMS 47.01
signal [adc counts]

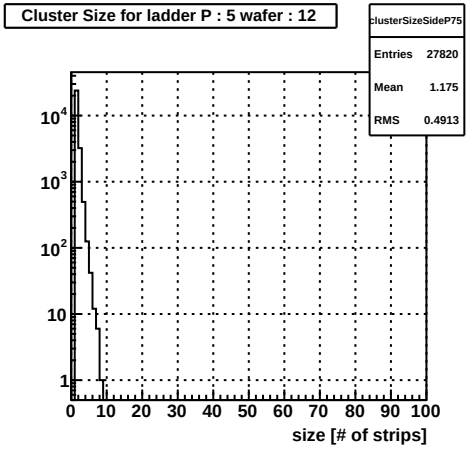

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 19796
Mean 1.177
RMS 0.4822
size [# of strips]

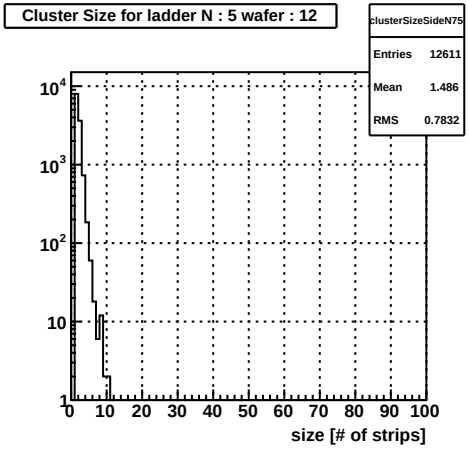

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 18771
Mean 1.396
RMS 0.6997
size [# of strips]

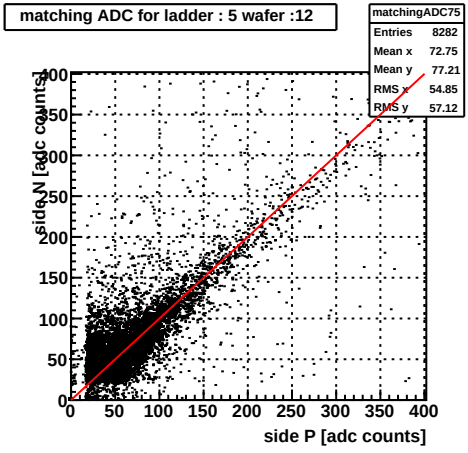

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 10188
Mean x 71.76
Mean y 78.47
RMS x 52.13
RMS y 57.01
side N [adc counts]
side P [adc counts]

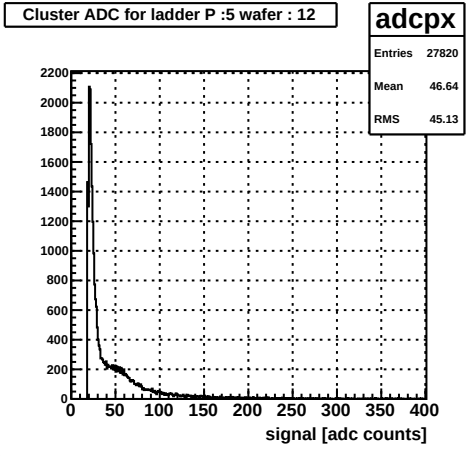

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 19796
Mean 49.4
RMS 43.46
signal [adc counts]

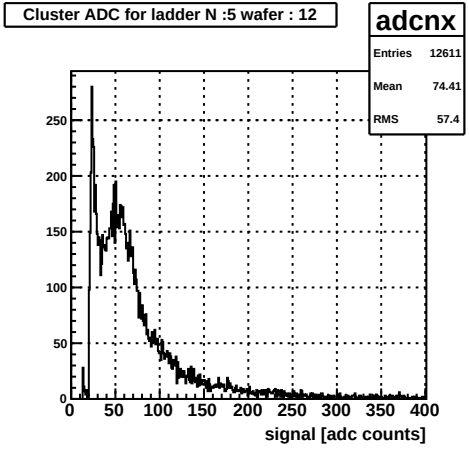

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 18771
Mean 70.38
RMS 56.71
signal [adc counts]

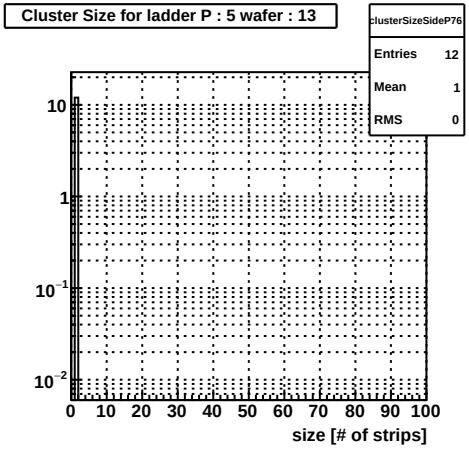

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 27820
Mean 1.175
RMS 0.4913
size [# of strips]

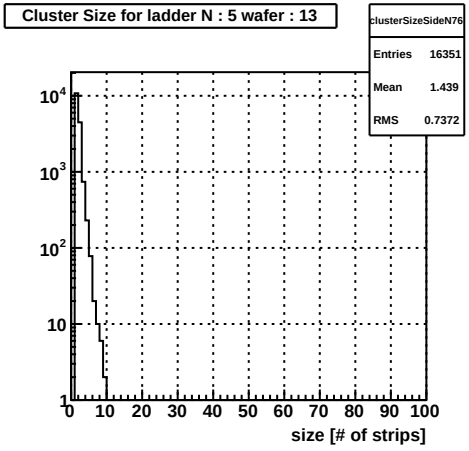

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 12611
Mean 1.486
RMS 0.7832
size [# of strips]

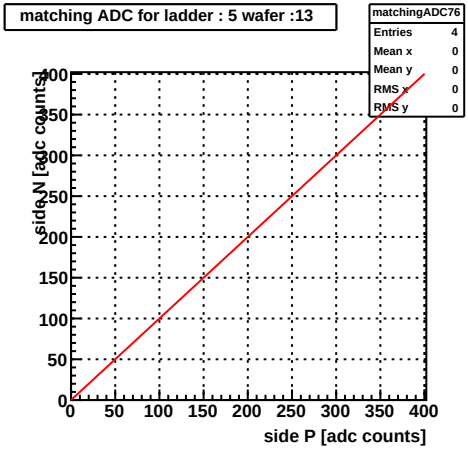

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 8282
Mean x 72.75
Mean y 77.21
RMS x 54.85
RMS y 57.12
side N [adc counts]
side P [adc counts]

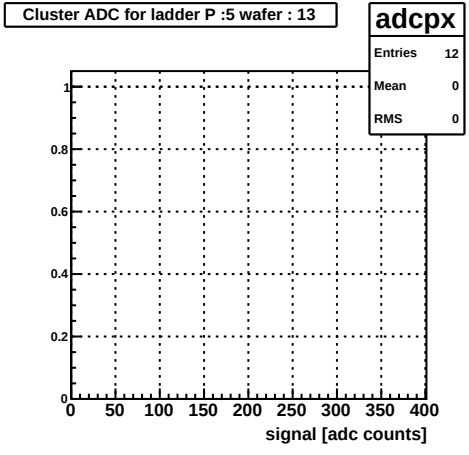

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 27820
Mean 46.64
RMS 45.13
signal [adc counts]

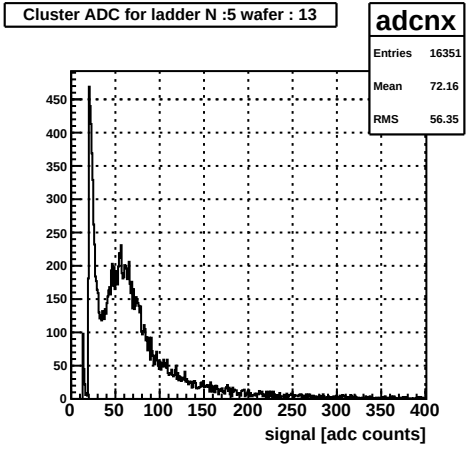

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 12611
Mean 74.41
RMS 57.4
signal [adc counts]

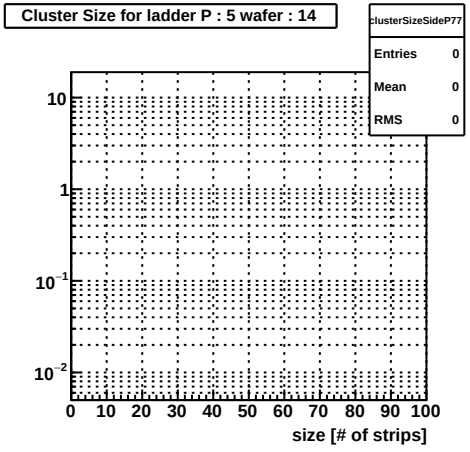

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 12
Mean 1
RMS 0
size [# of strips]

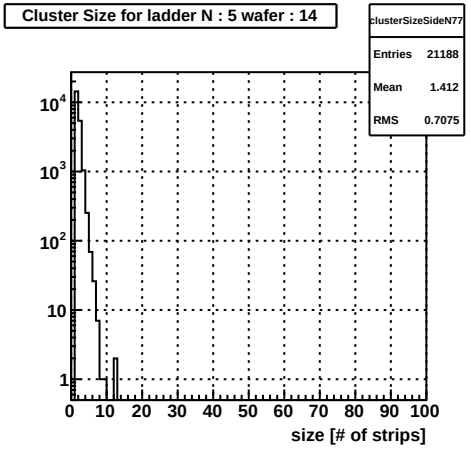

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 16351
Mean 1.439
RMS 0.7372
size [# of strips]

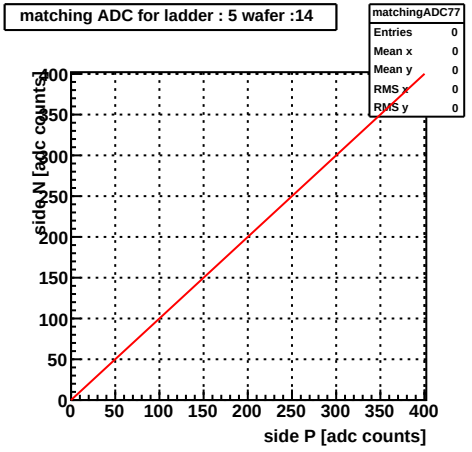

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

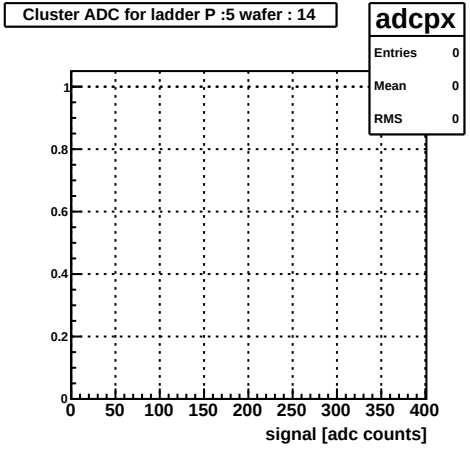

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 12
Mean 0
RMS 0
signal [adc counts]

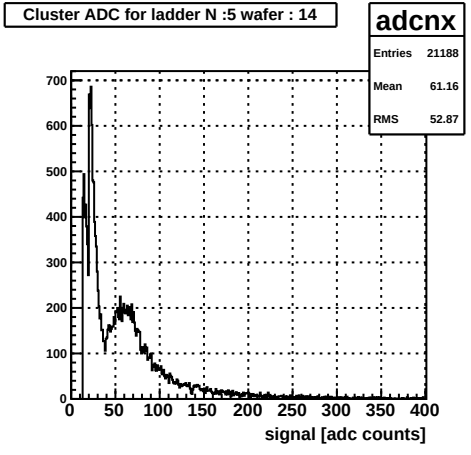

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 16351
Mean 72.16
RMS 56.35
signal [adc counts]

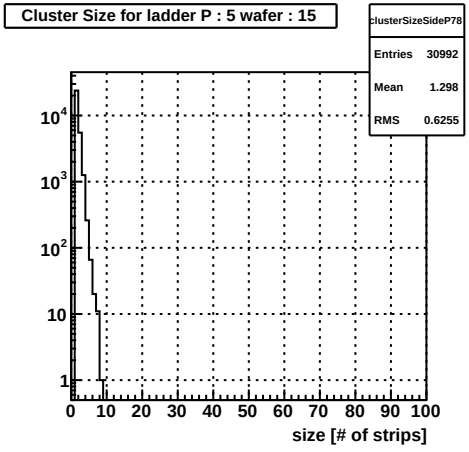

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

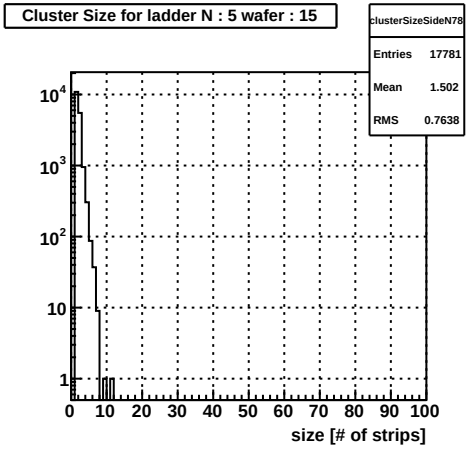

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 21188
Mean 1.412
RMS 0.7075
size [# of strips]

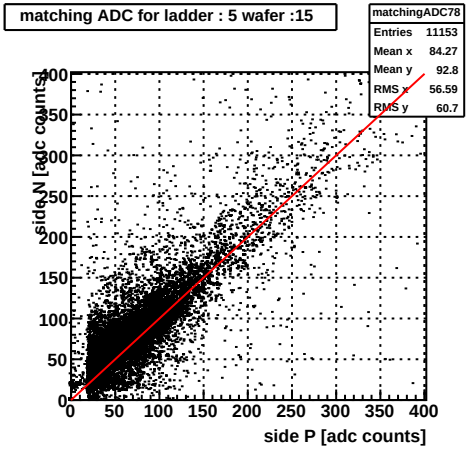

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

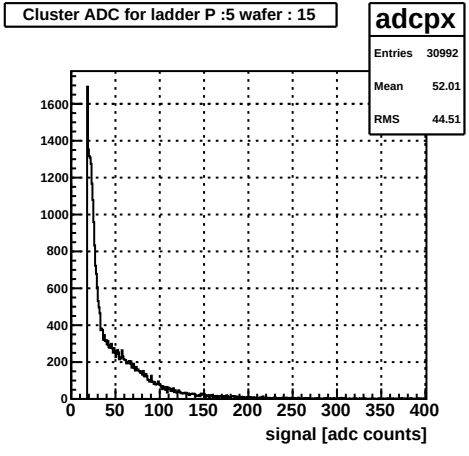

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

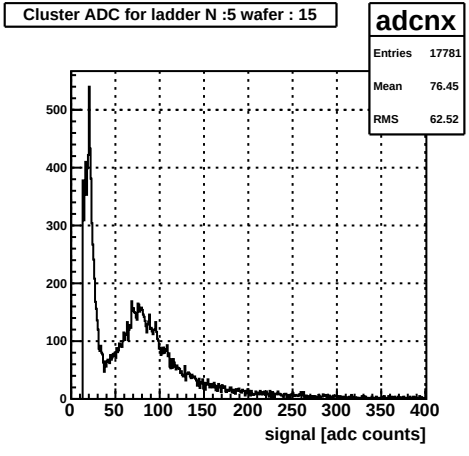

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 21188
Mean 61.16
RMS 52.87
signal [adc counts]

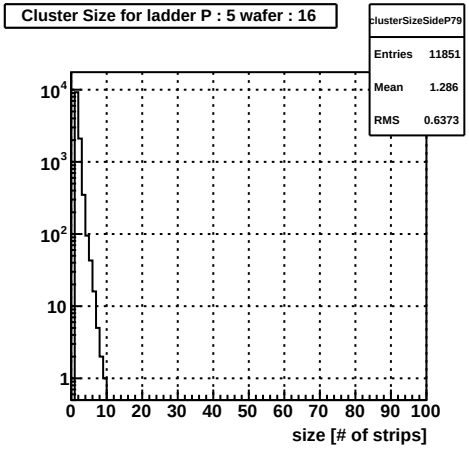

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 30992
Mean 1.298
RMS 0.6255
size [# of strips]

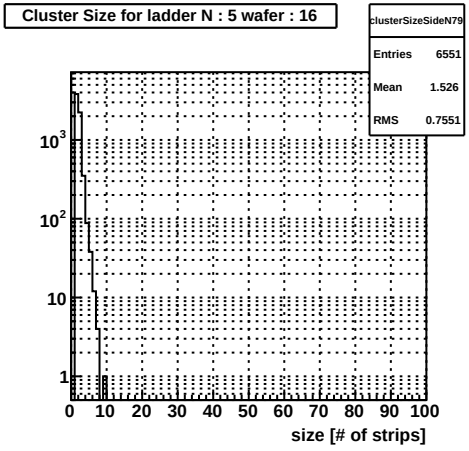

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 17781
Mean 1.502
RMS 0.7638
size [# of strips]

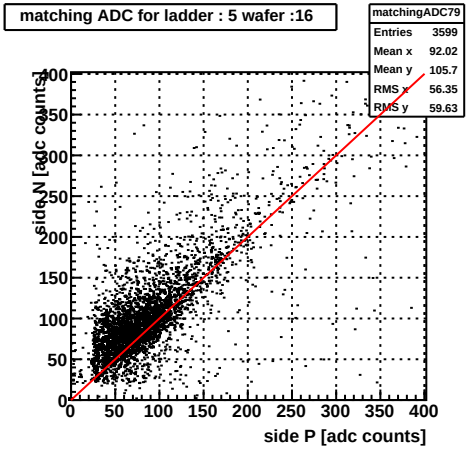

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 11153
Mean x 84.27
Mean y 92.8
RMS x 56.59
RMS y 60.7
side N [adc counts]
side P [adc counts]

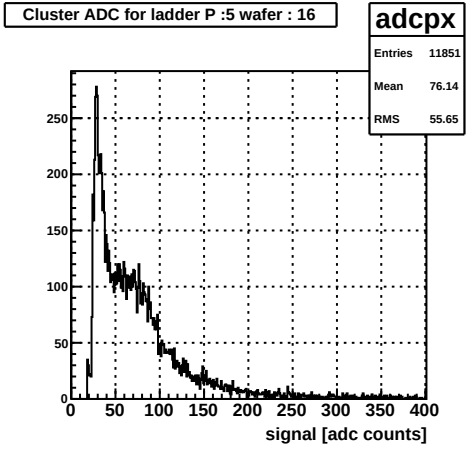

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 30992
Mean 52.01
RMS 44.51
signal [adc counts]

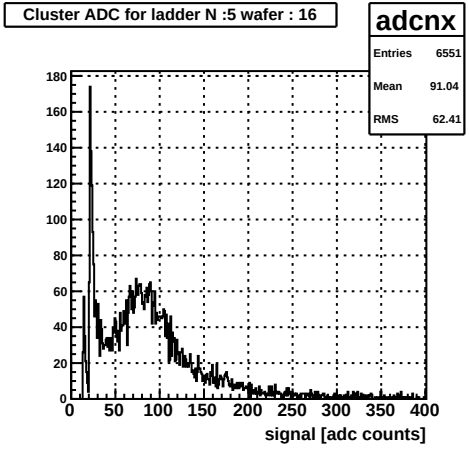

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 17781
Mean 76.45
RMS 62.52
signal [adc counts]

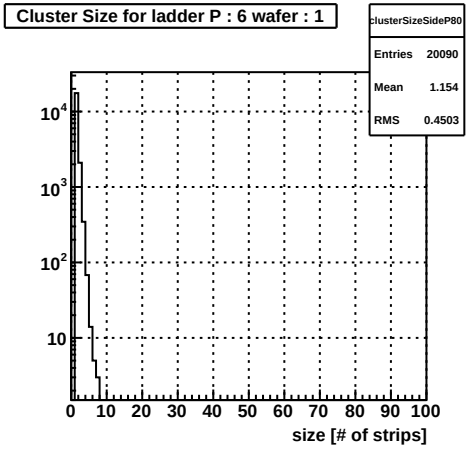

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 11851
Mean 1.286
RMS 0.6373
size [# of strips]

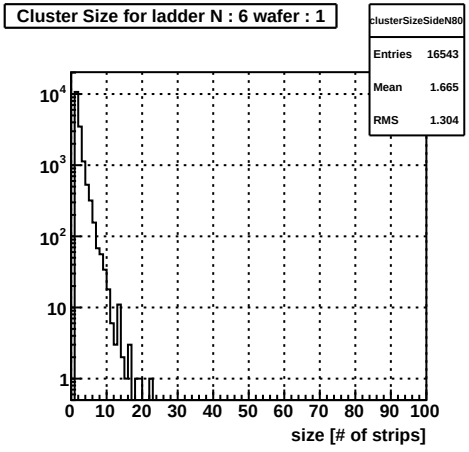

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 6551
Mean 1.526
RMS 0.7551
size [# of strips]

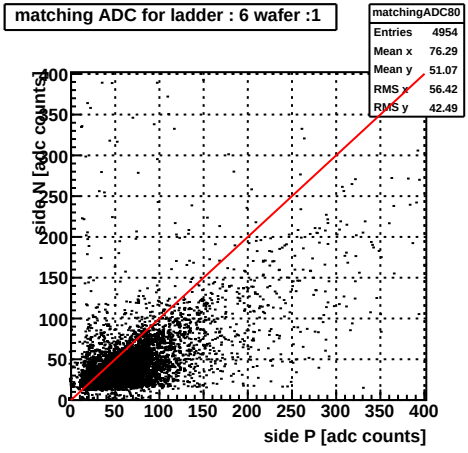

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3599
Mean x 92.02
Mean y 105.7
RMS x 56.35
RMS y 59.63
side N [adc counts]
side P [adc counts]

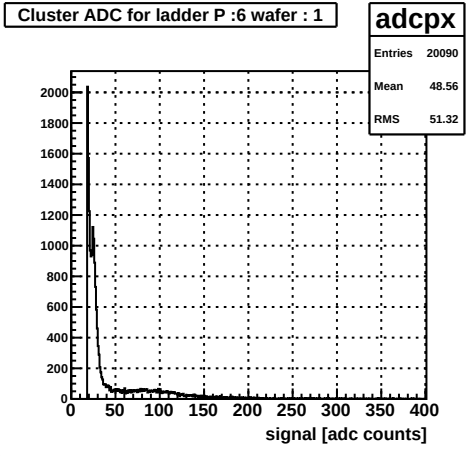

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 11851
Mean 76.14
RMS 55.65
signal [adc counts]

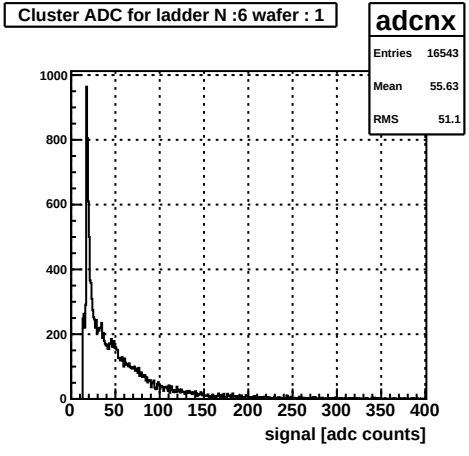

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 6551
Mean 91.04
RMS 62.41
signal [adc counts]

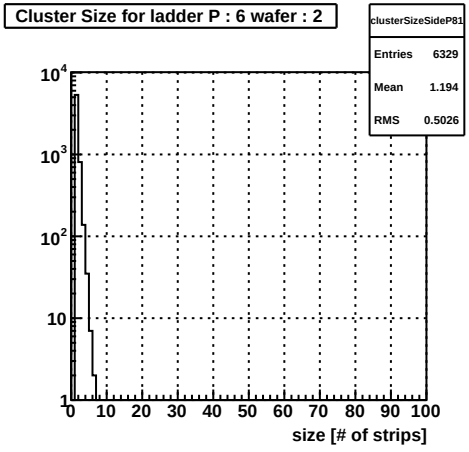

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 20090
Mean 1.154
RMS 0.4503
size [# of strips]

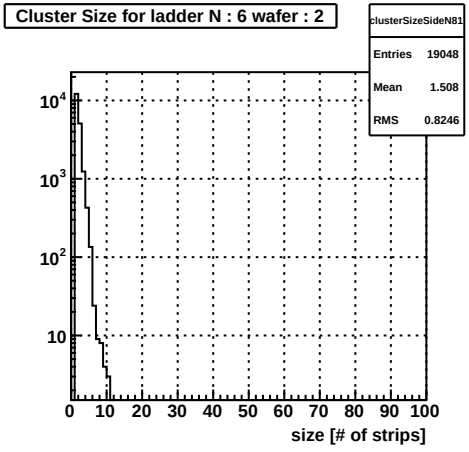

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 16543
Mean 1.665
RMS 1.304
size [# of strips]

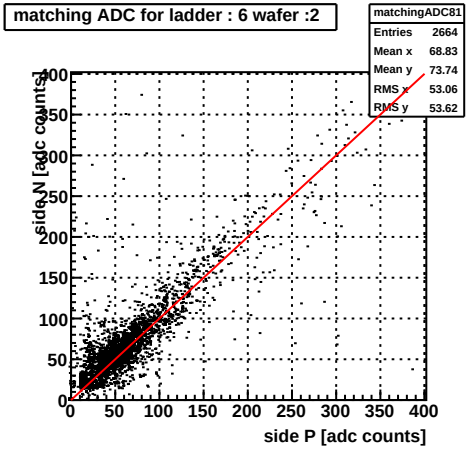

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 4954
Mean x 76.29
Mean y 51.07
RMS x 56.42
RMS y 42.49
side N [adc counts]
side P [adc counts]

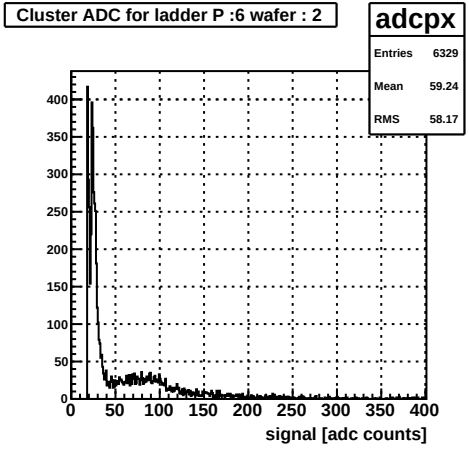

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 20090
Mean 48.56
RMS 51.32
signal [adc counts]

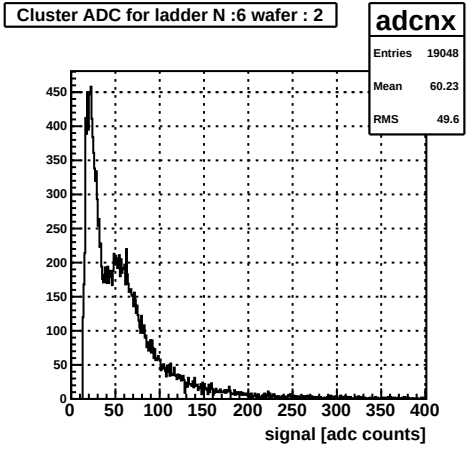

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 16543
Mean 55.63
RMS 51.1
signal [adc counts]

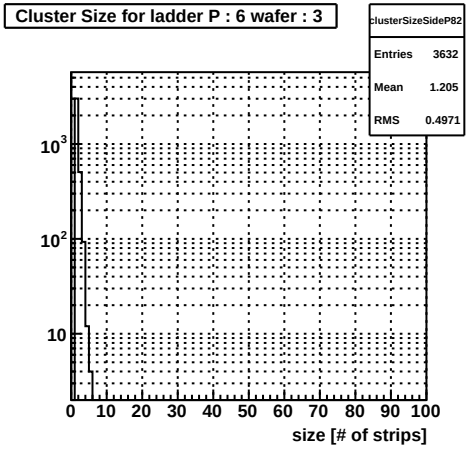

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 6329
Mean 1.194
RMS 0.5026
size [# of strips]

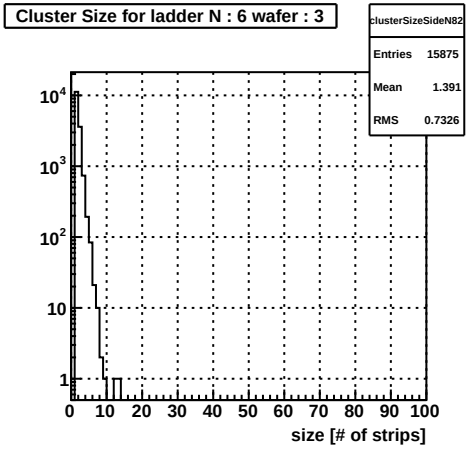

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 19048
Mean 1.508
RMS 0.8246
size [# of strips]

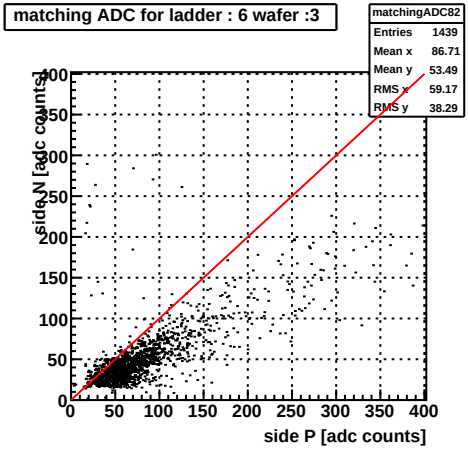

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2664
Mean x 68.83
Mean y 73.74
RMS x 53.06
RMS y 53.62
side N [adc counts]
side P [adc counts]

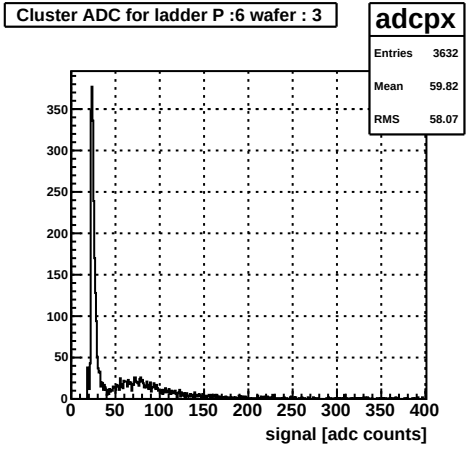

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 6329
Mean 59.24
RMS 58.17
signal [adc counts]

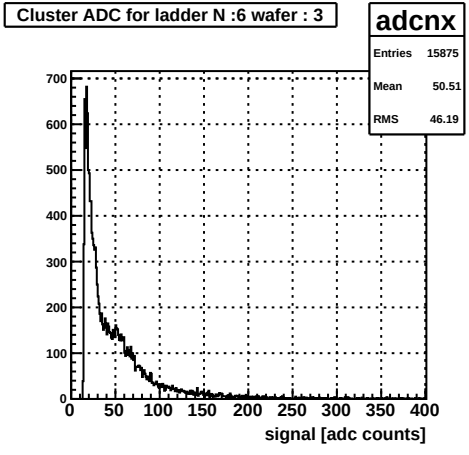

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 19048
Mean 60.23
RMS 49.6
signal [adc counts]

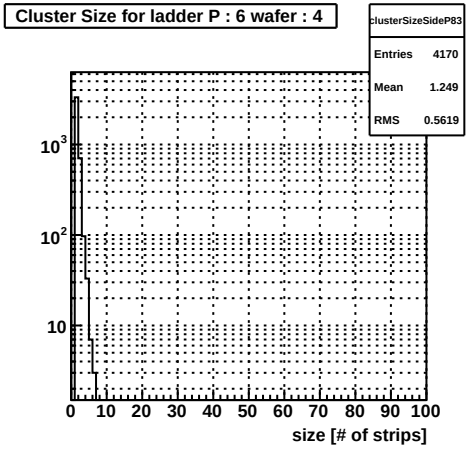

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 3632
Mean 1.205
RMS 0.4971
size [# of strips]

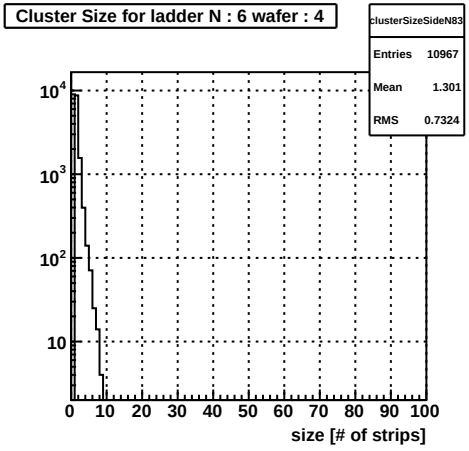

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 15875
Mean 1.391
RMS 0.7326
size [# of strips]

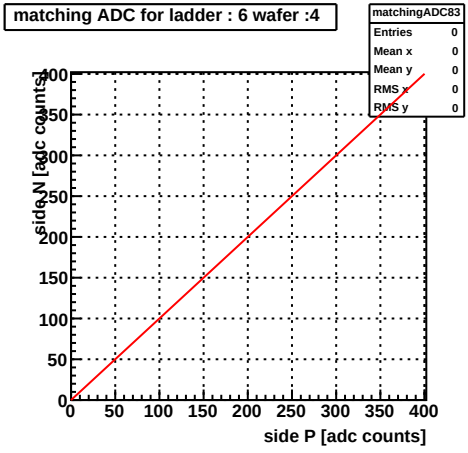

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1439
Mean x 86.71
Mean y 53.49
RMS x 59.17
RMS y 38.29
side N [adc counts]
side P [adc counts]

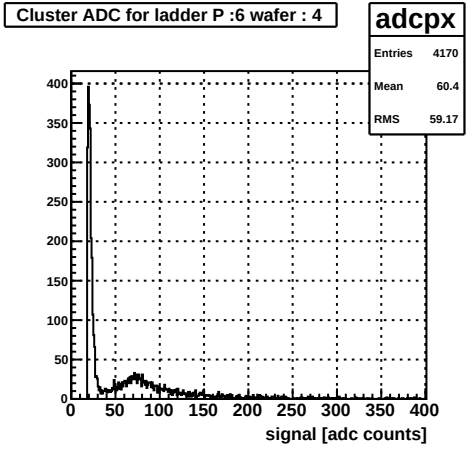

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 3632
Mean 59.82
RMS 58.07
signal [adc counts]

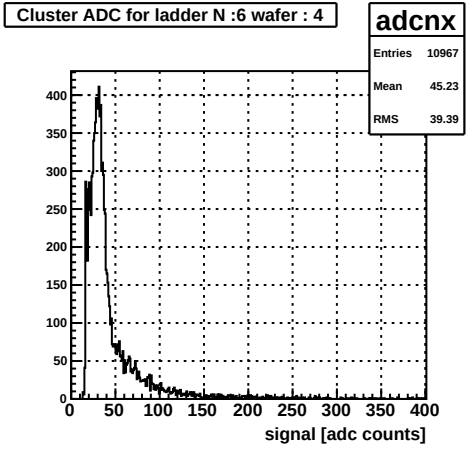

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 15875
Mean 50.51
RMS 46.19
signal [adc counts]

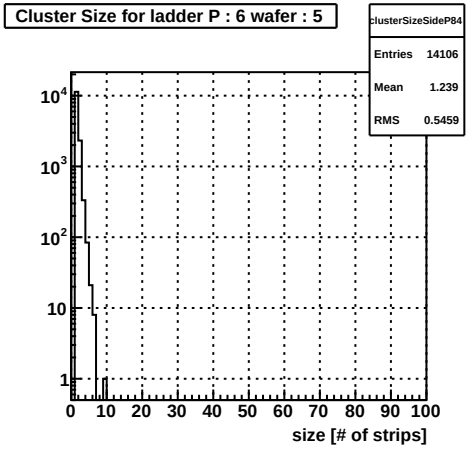

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 4170
Mean 1.249
RMS 0.5619
size [# of strips]

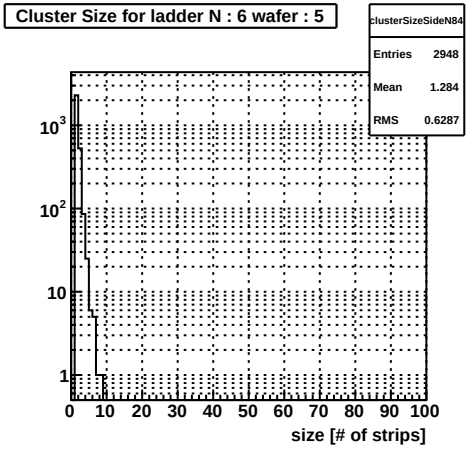

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 10967
Mean 1.301
RMS 0.7324
size [# of strips]

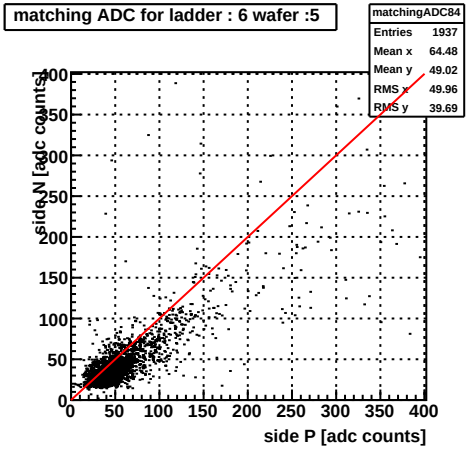

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

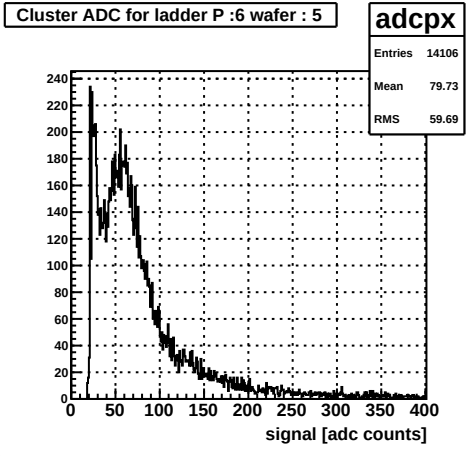

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 4170
Mean 60.4
RMS 59.17
signal [adc counts]

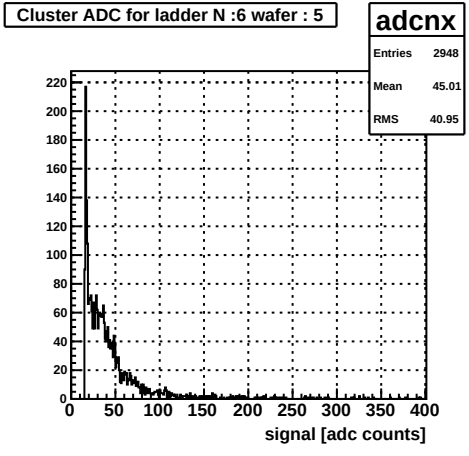

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 10967
Mean 45.23
RMS 39.39
signal [adc counts]

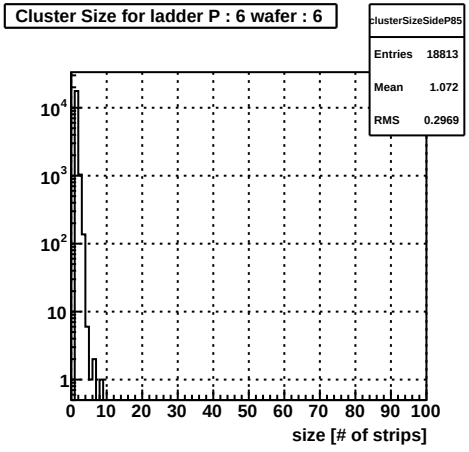

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 14106
Mean 1.239
RMS 0.5459
size [# of strips]

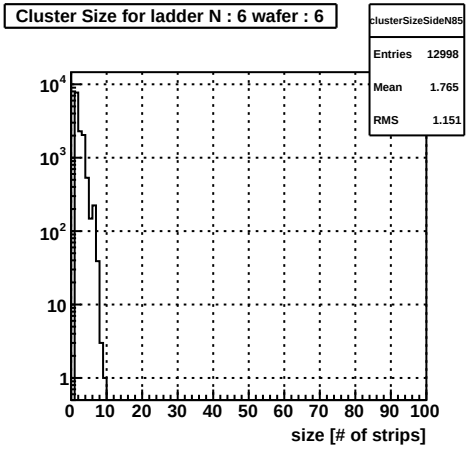

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2948
Mean 1.284
RMS 0.6287
size [# of strips]

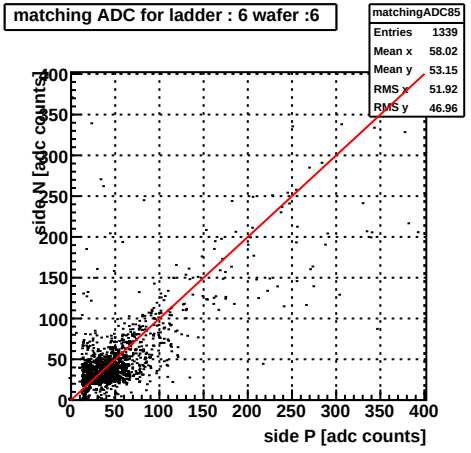

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1937
Mean x 64.48
Mean y 49.02
RMS x 49.96
RMS y 39.69
side N [adc counts]
side P [adc counts]

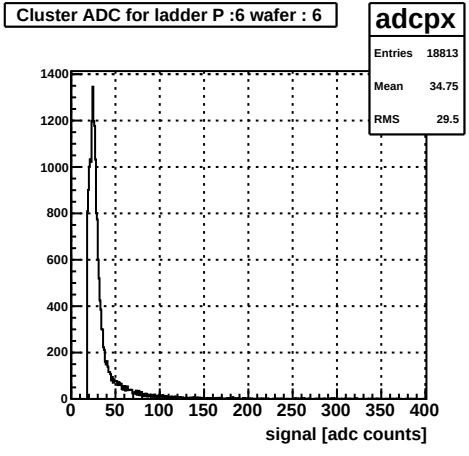

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 14106
Mean 79.73
RMS 59.69
signal [adc counts]

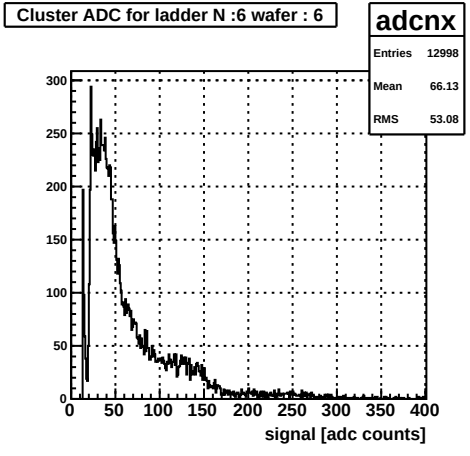

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2948
Mean 45.01
RMS 40.95
signal [adc counts]

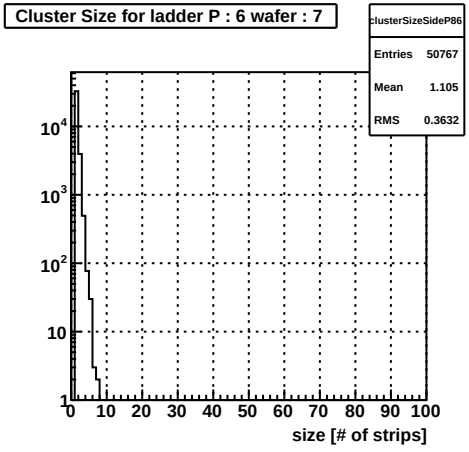

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 18813
Mean 1.072
RMS 0.2969
size [# of strips]

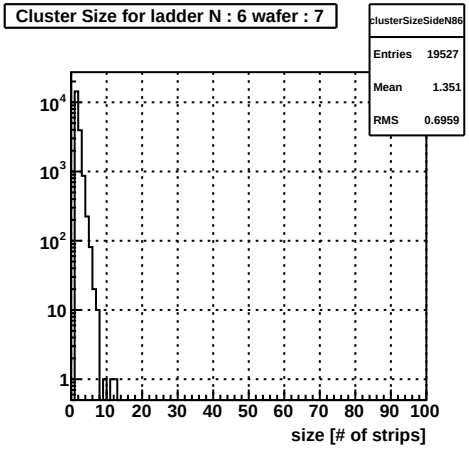

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 12998
Mean 1.765
RMS 1.151
size [# of strips]

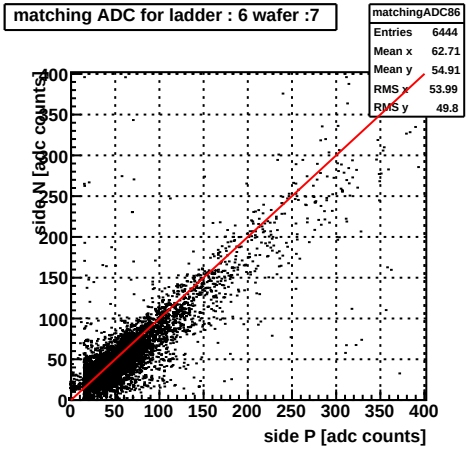

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1339
Mean x 58.02
Mean y 53.15
RMS x 51.92
RMS y 46.96
side N [adc counts]
side P [adc counts]

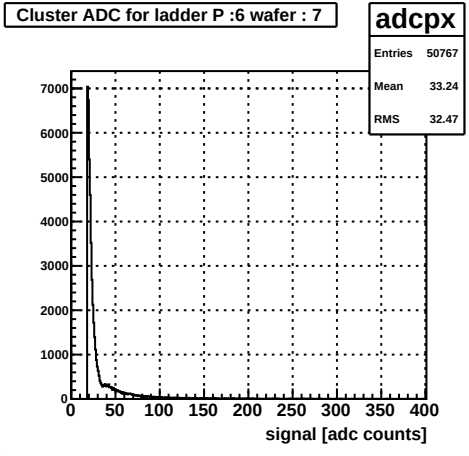

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 18813
Mean 34.75
RMS 29.5
signal [adc counts]

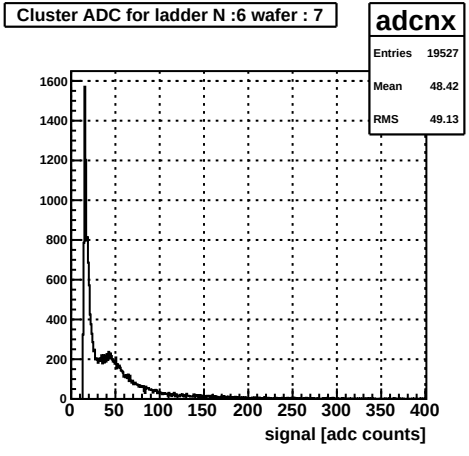

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 12998
Mean 66.13
RMS 53.08
signal [adc counts]

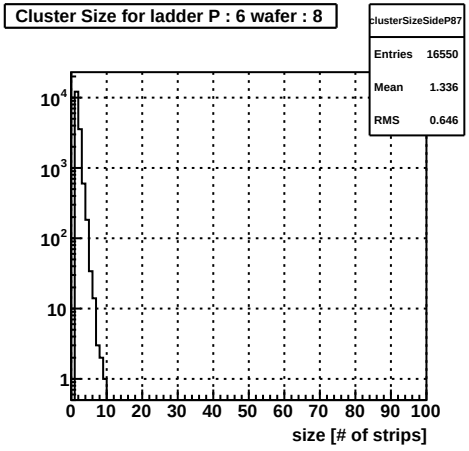

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 50767
Mean 1.105
RMS 0.3632
size [# of strips]

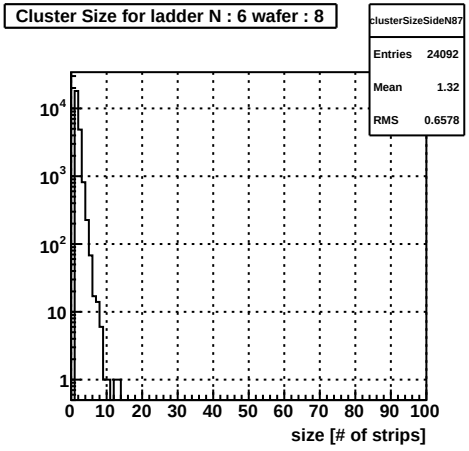

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 19527
Mean 1.351
RMS 0.6959
size [# of strips]

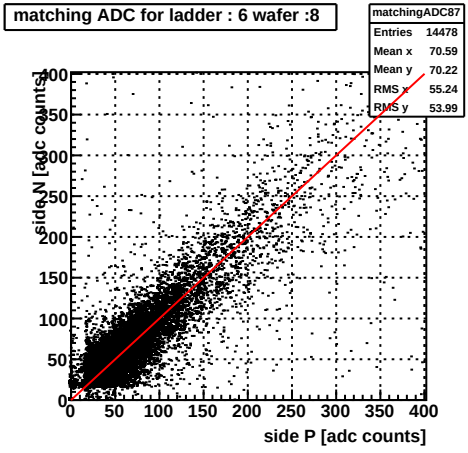

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 6444
Mean x 62.71
Mean y 54.91
RMS x 53.99
RMS y 49.8
side N [adc counts]
side P [adc counts]

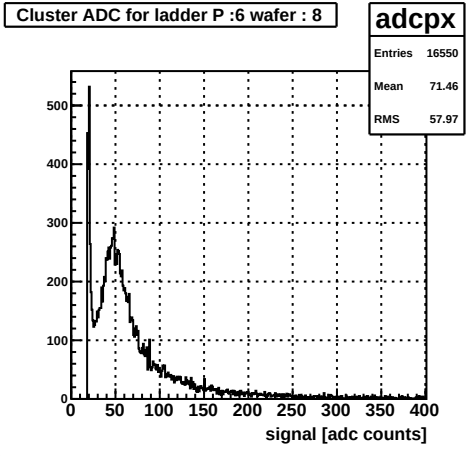

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 50767
Mean 33.24
RMS 32.47
signal [adc counts]

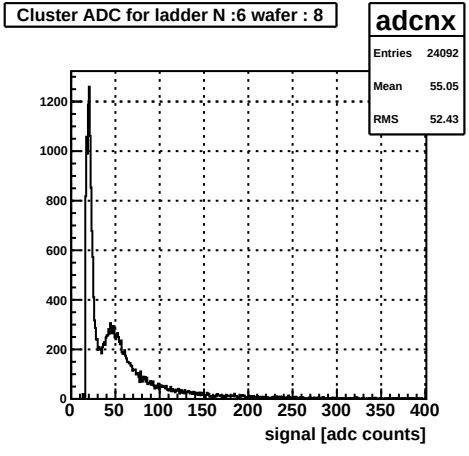

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 19527
Mean 48.42
RMS 49.13
signal [adc counts]

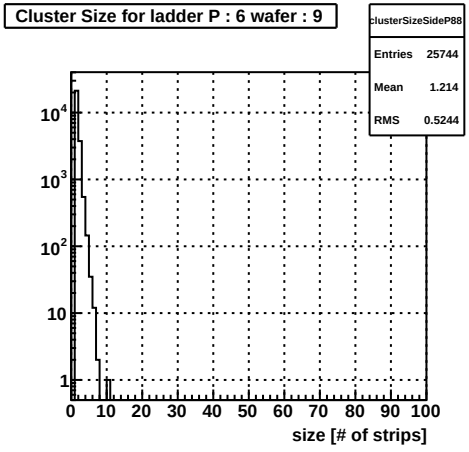

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 16550
Mean 1.336
RMS 0.646
size [# of strips]

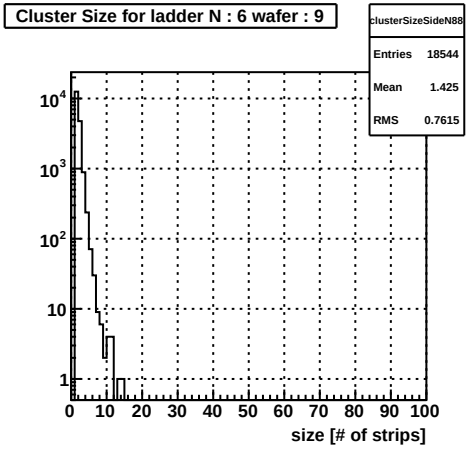

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 24092
Mean 1.32
RMS 0.6578
size [# of strips]

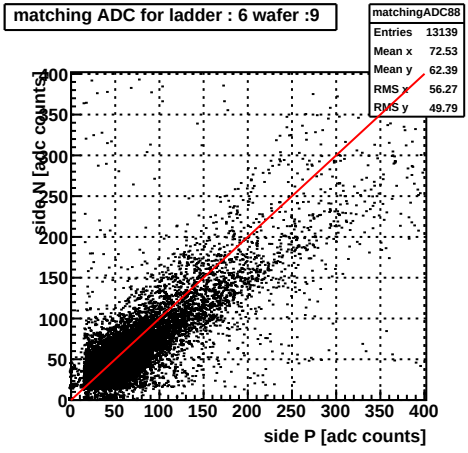

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 14478
Mean x 70.59
Mean y 70.22
RMS x 55.24
RMS y 53.99
side N [adc counts]
side P [adc counts]

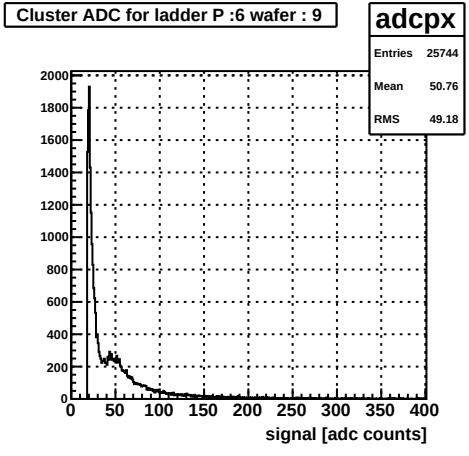

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 16550
Mean 71.46
RMS 57.97
signal [adc counts]

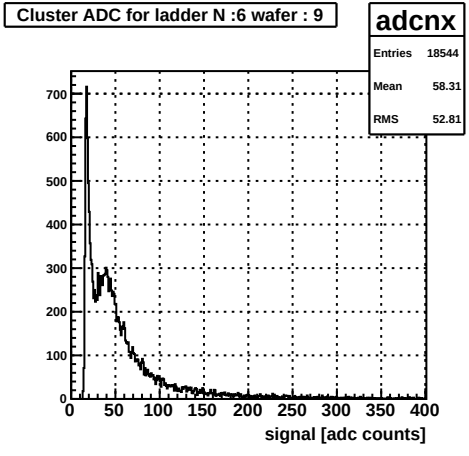

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 24092
Mean 55.05
RMS 52.43
signal [adc counts]

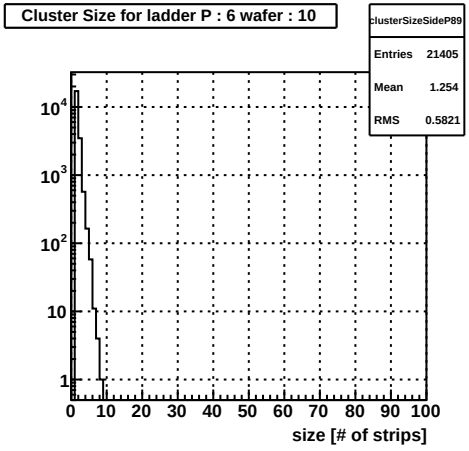

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 25744
Mean 1.214
RMS 0.5244
size [# of strips]

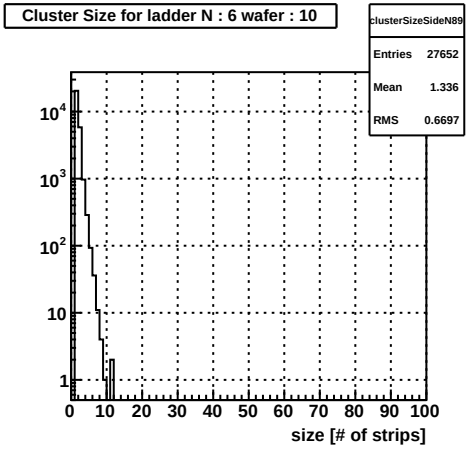

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 18544
Mean 1.425
RMS 0.7615
size [# of strips]

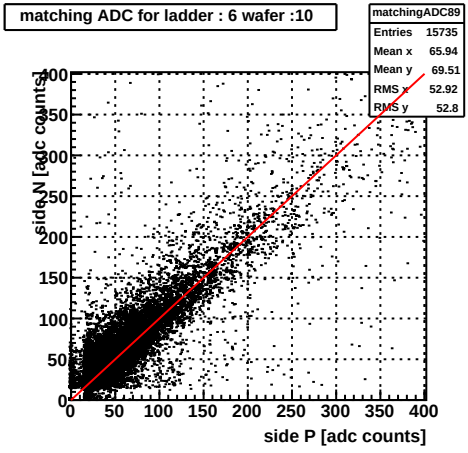

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 13139
Mean x 72.53
Mean y 62.39
RMS x 56.27
RMS y 49.79
side N [adc counts]
side P [adc counts]

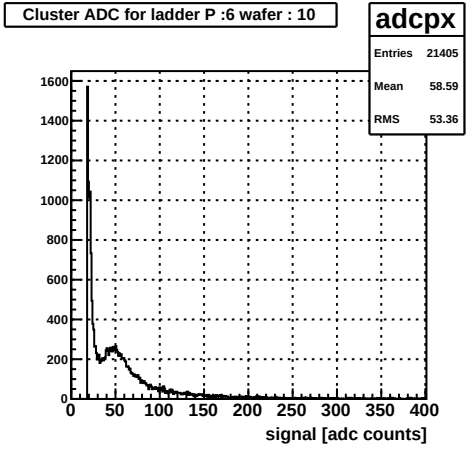

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 25744
Mean 50.76
RMS 49.18
signal [adc counts]

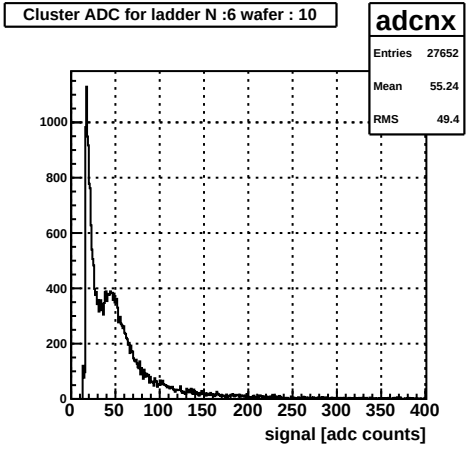

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 18544
Mean 58.31
RMS 52.81
signal [adc counts]

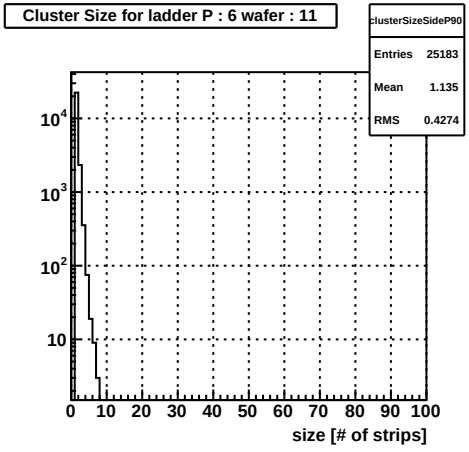

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 21405
Mean 1.254
RMS 0.5821
size [# of strips]

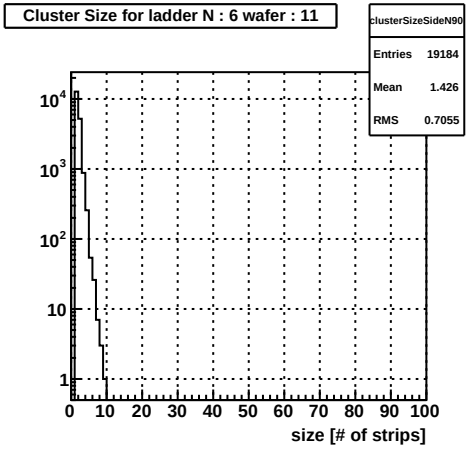

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 27652
Mean 1.336
RMS 0.6697
size [# of strips]

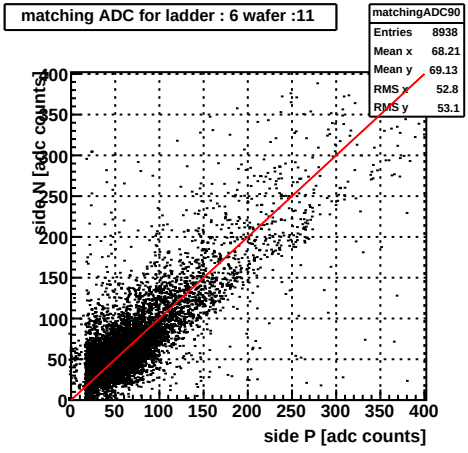

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 15735
Mean x 65.94
Mean y 69.51
RMS x 52.92
RMS y 52.8
side N [adc counts]
side P [adc counts]

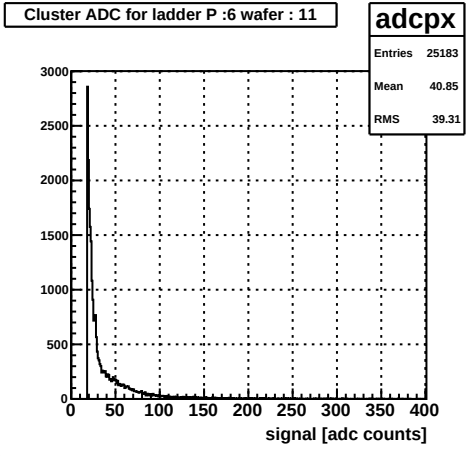

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 21405
Mean 58.59
RMS 53.36
signal [adc counts]

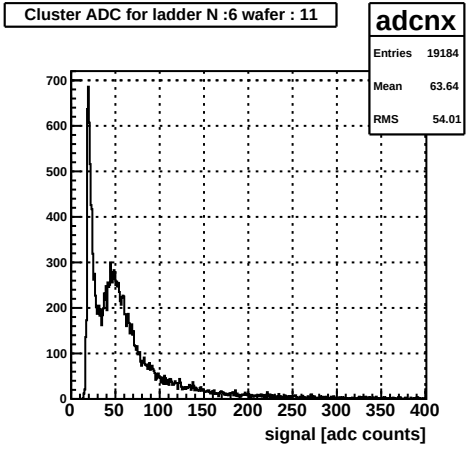

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 27652
Mean 55.24
RMS 49.4
signal [adc counts]

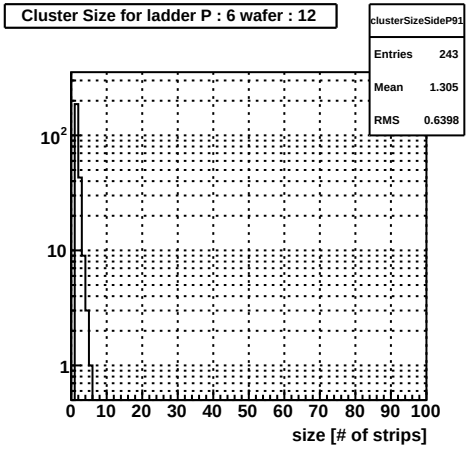

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 25183
Mean 1.135
RMS 0.4274
size [# of strips]

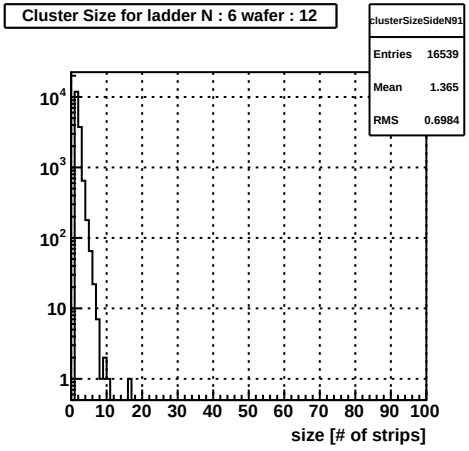

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 19184
Mean 1.426
RMS 0.7055
size [# of strips]

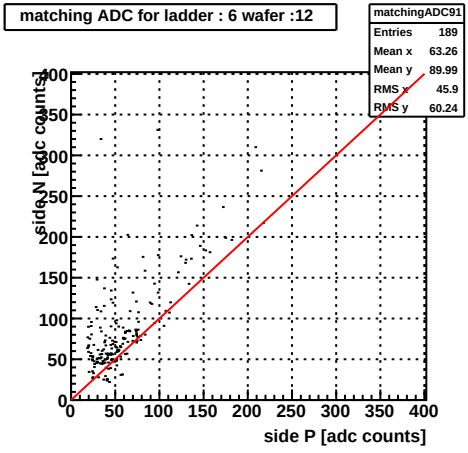

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 8938
Mean x 68.21
Mean y 69.13
RMS x 52.8
RMS y 53.1
side N [adc counts]
side P [adc counts]

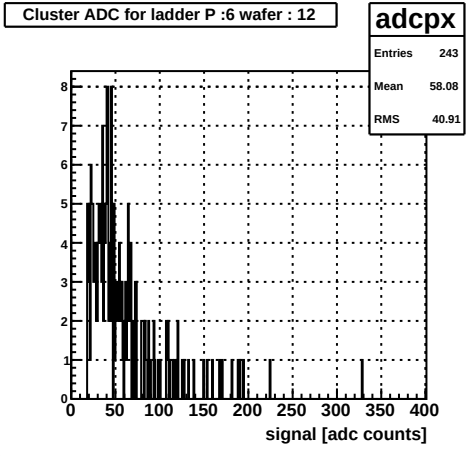

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 25183
Mean 40.85
RMS 39.31
signal [adc counts]

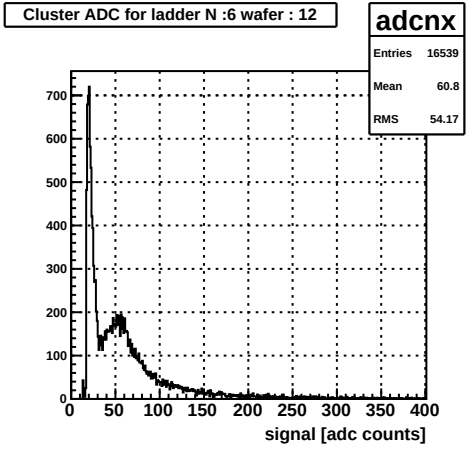

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 19184
Mean 63.64
RMS 54.01
signal [adc counts]

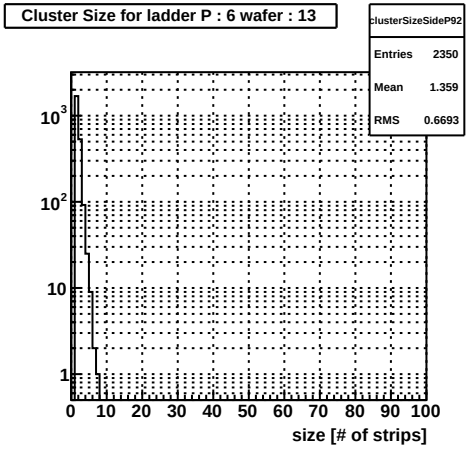

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 243
Mean 1.305
RMS 0.6398
size [# of strips]

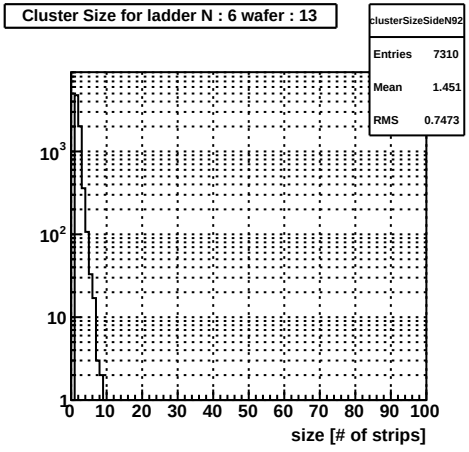

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 16539
Mean 1.365
RMS 0.6984
size [# of strips]

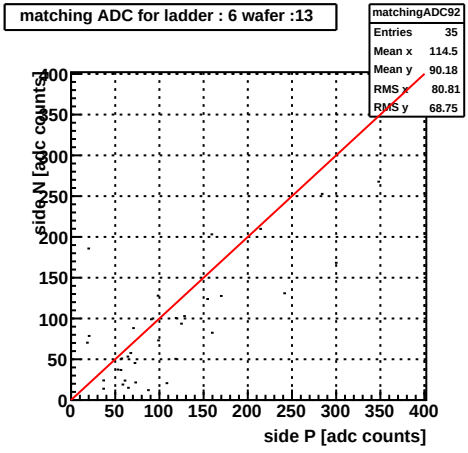

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 189
Mean x 63.26
Mean y 89.99
RMS x 45.9
RMS y 60.24
side N [adc counts]
side P [adc counts]

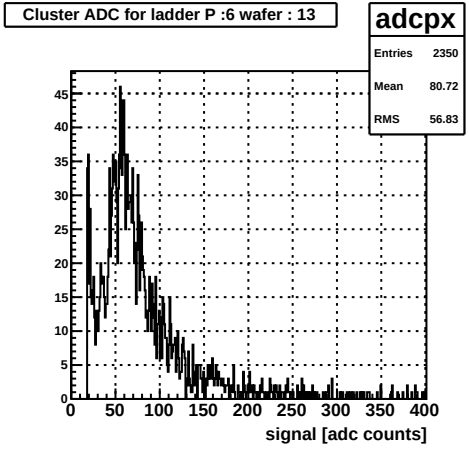

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 243
Mean 58.08
RMS 40.91
signal [adc counts]

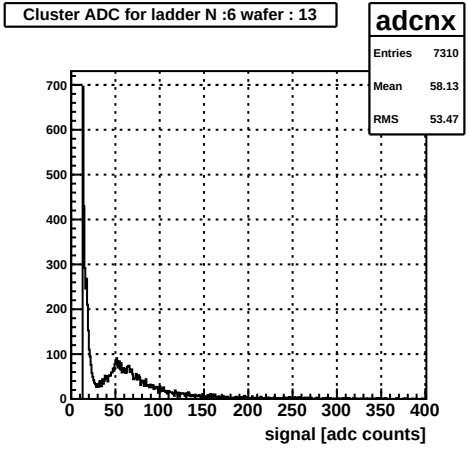

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 16539
Mean 60.8
RMS 54.17
signal [adc counts]

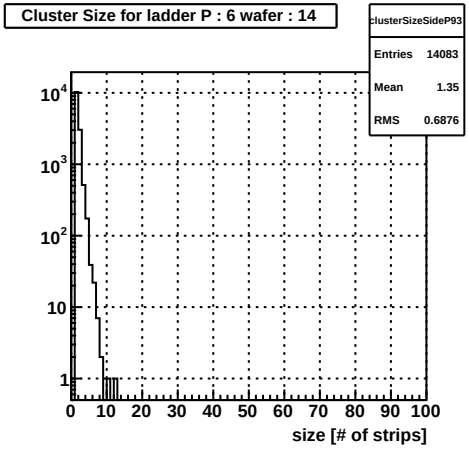

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2350
Mean 1.359
RMS 0.6693
size [# of strips]

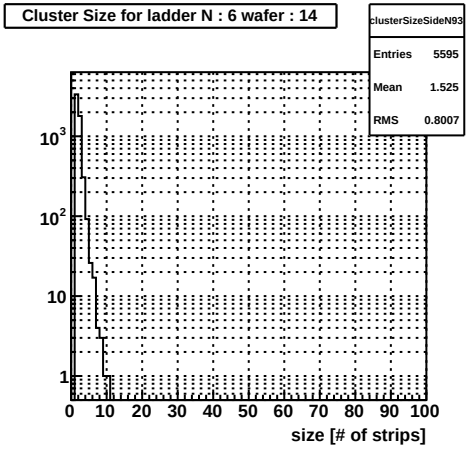

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 7310
Mean 1.451
RMS 0.7473
size [# of strips]

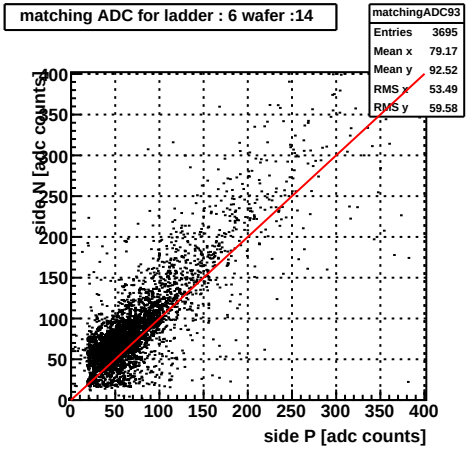

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 35
Mean x 114.5
Mean y 90.18
RMS x 80.81
RMS y 68.75
side N [adc counts]
side P [adc counts]

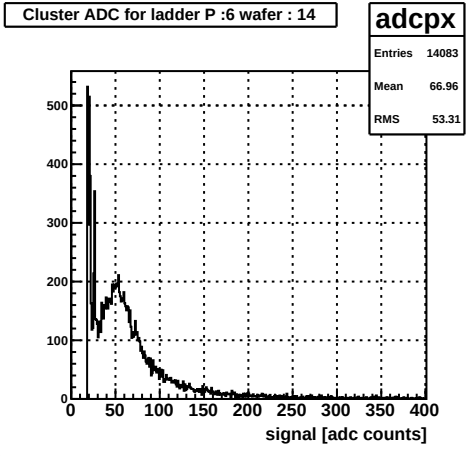

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2350
Mean 80.72
RMS 56.83
signal [adc counts]

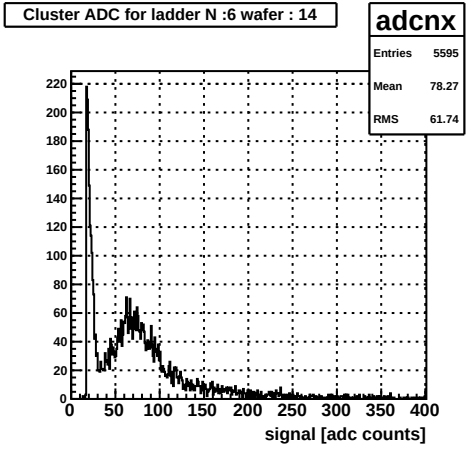

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 7310
Mean 58.13
RMS 53.47
signal [adc counts]

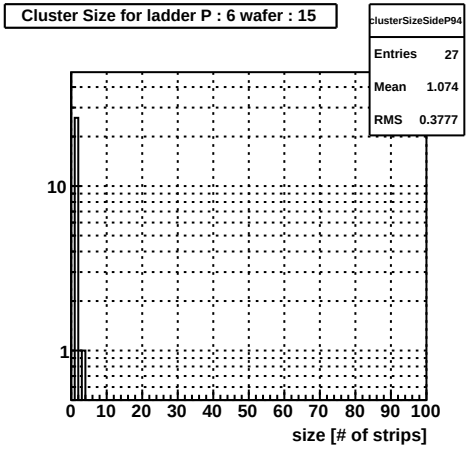

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 14083
Mean 1.35
RMS 0.6876
size [# of strips]

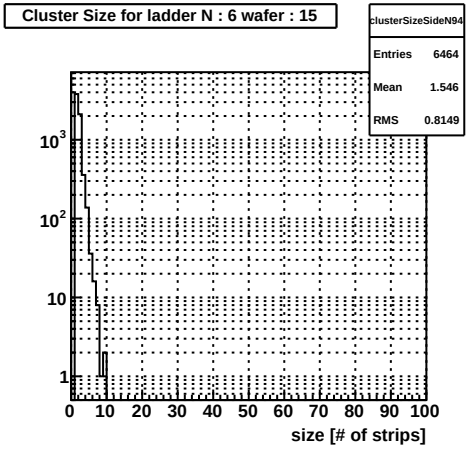

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 5595
Mean 1.525
RMS 0.8007
size [# of strips]

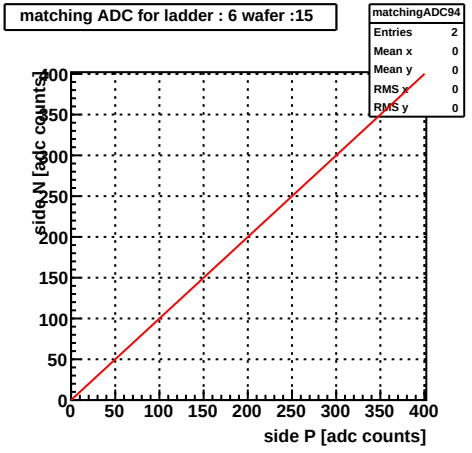

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 3695
Mean x 79.17
Mean y 92.52
RMS x 53.49
RMS y 59.58
side N [adc counts]
side P [adc counts]

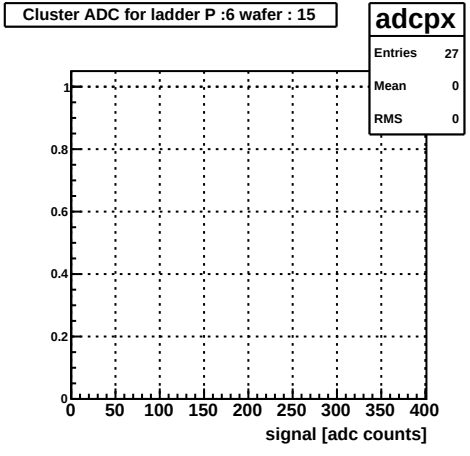

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 14083
Mean 66.96
RMS 53.31
signal [adc counts]

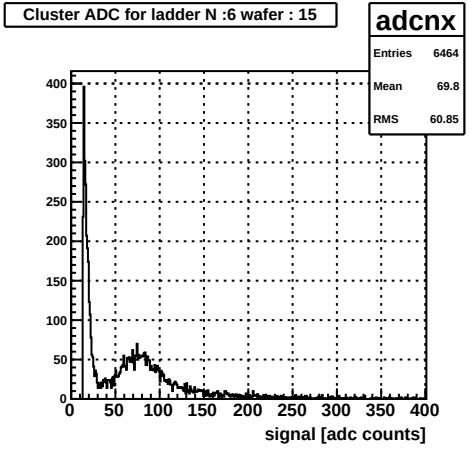

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 5595
Mean 78.27
RMS 61.74
signal [adc counts]

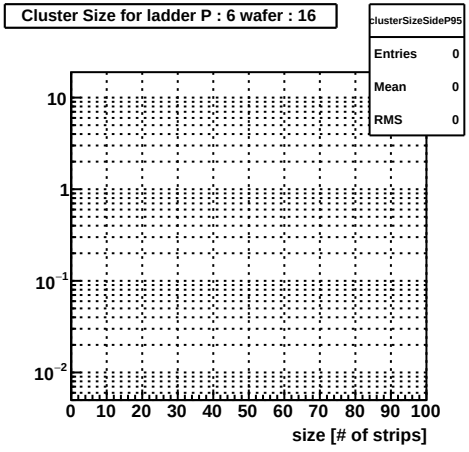

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 27
Mean 1.074
RMS 0.3777
size [# of strips]

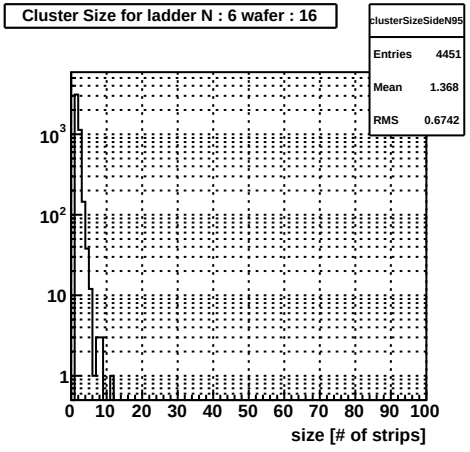

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 6464
Mean 1.546
RMS 0.8149
size [# of strips]

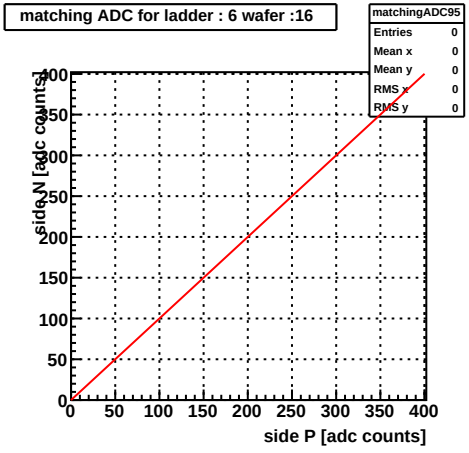

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

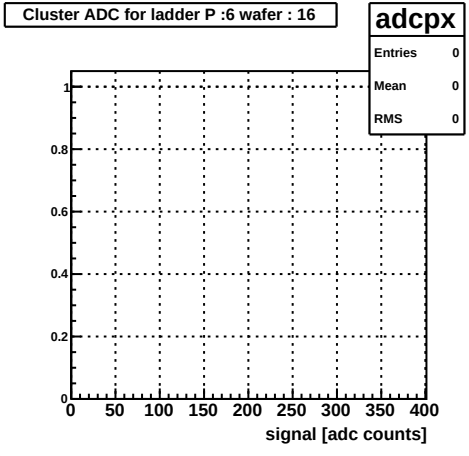

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 27
Mean 0
RMS 0
signal [adc counts]

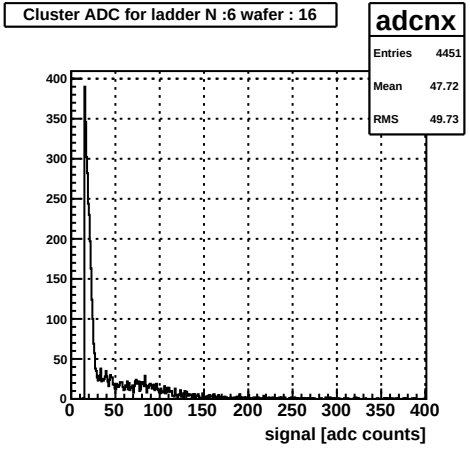

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 6464
Mean 69.8
RMS 60.85
signal [adc counts]

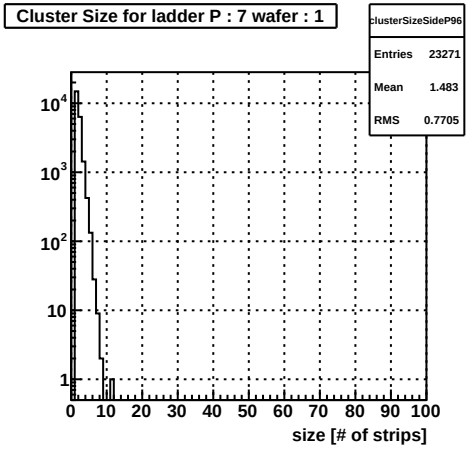

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

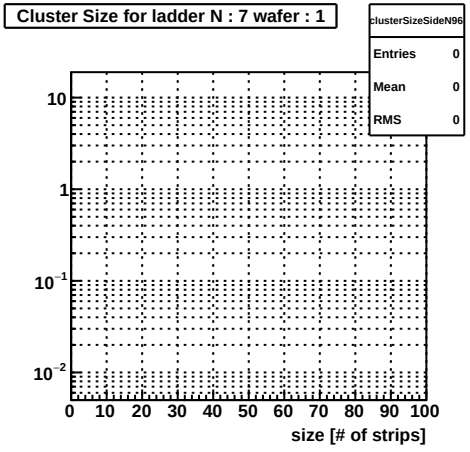

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 4451
Mean 1.368
RMS 0.6742
size [# of strips]

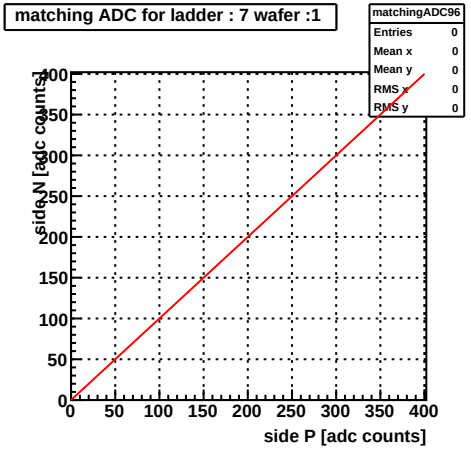

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

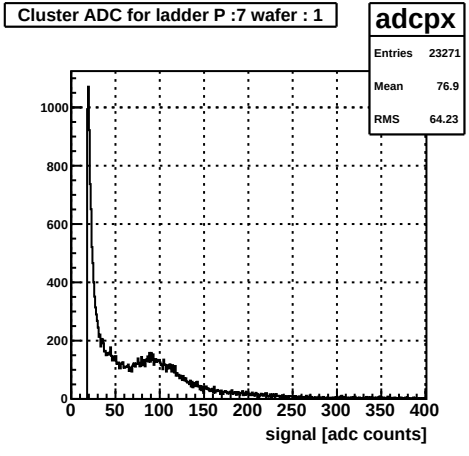

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

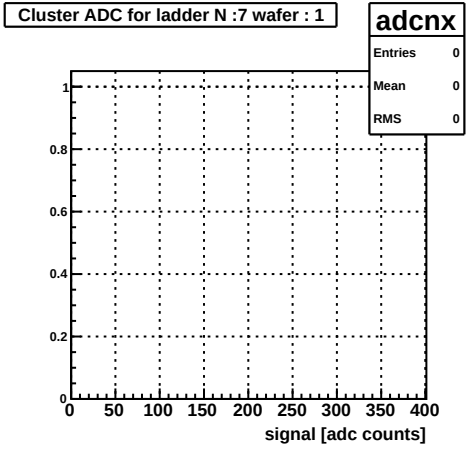

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 4451
Mean 47.72
RMS 49.73
signal [adc counts]

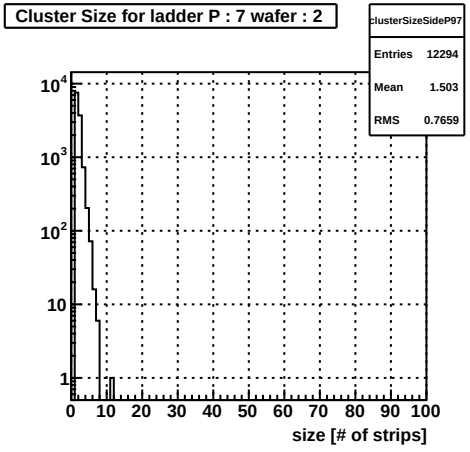

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 23271
Mean 1.483
RMS 0.7705
size [# of strips]

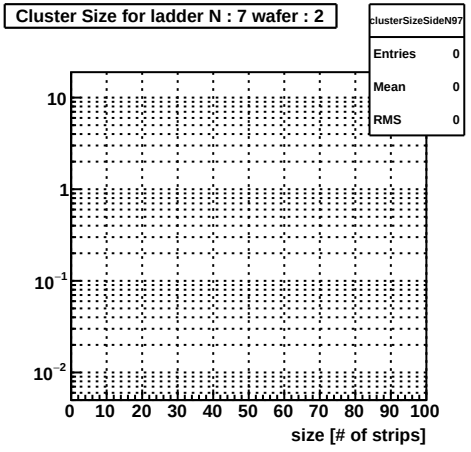

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

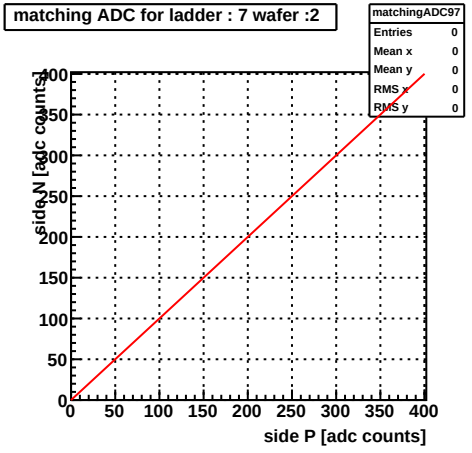

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

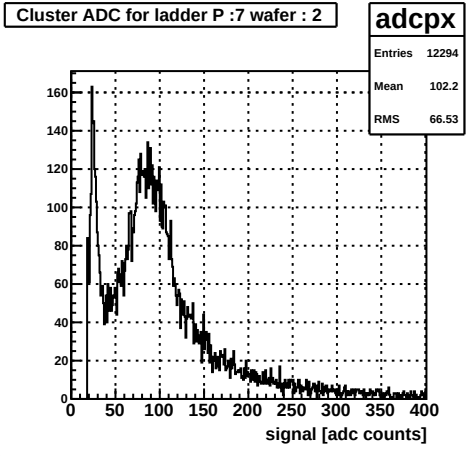

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 23271
Mean 76.9
RMS 64.23
signal [adc counts]

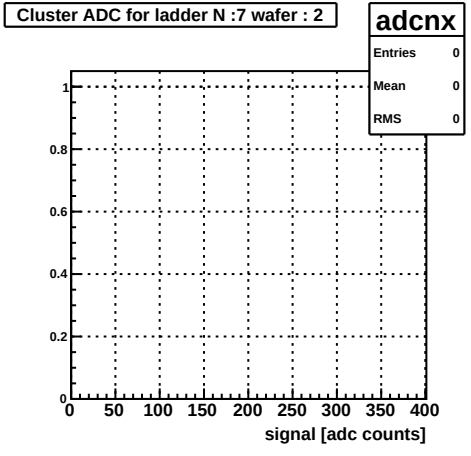

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

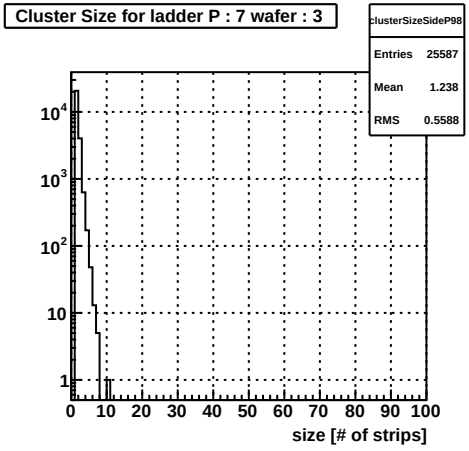

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 12294
Mean 1.503
RMS 0.7659
size [# of strips]

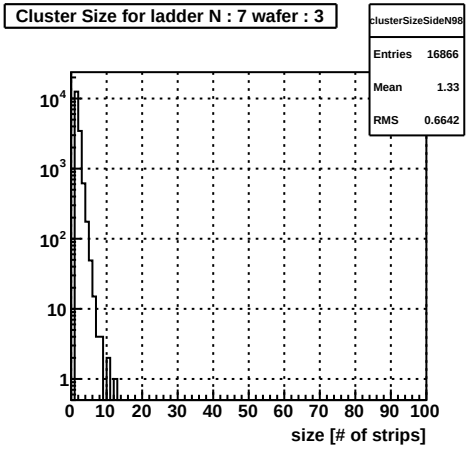

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

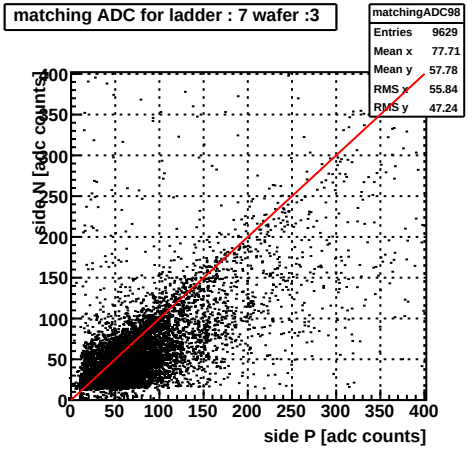

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

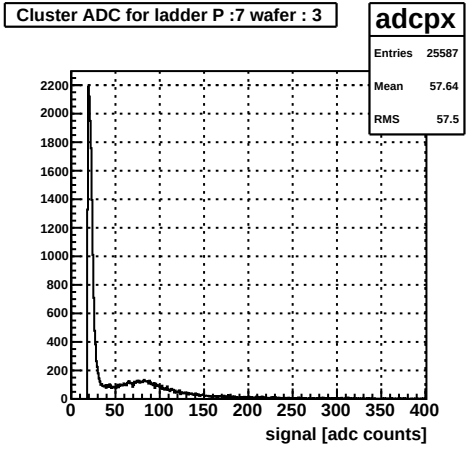

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 12294
Mean 102.2
RMS 66.53
signal [adc counts]

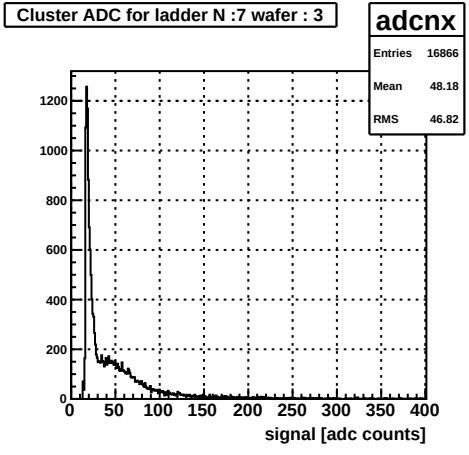

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

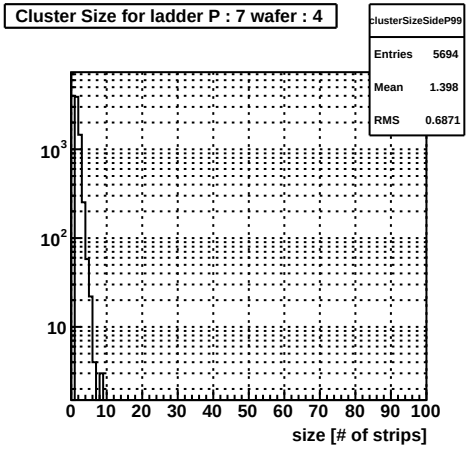

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 25587
Mean 1.238
RMS 0.5588
size [# of strips]

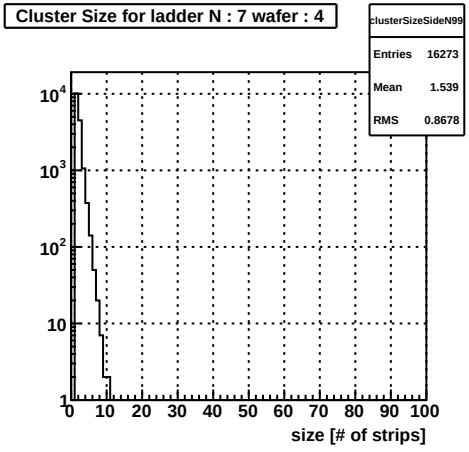

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 16866
Mean 1.33
RMS 0.6642
size [# of strips]

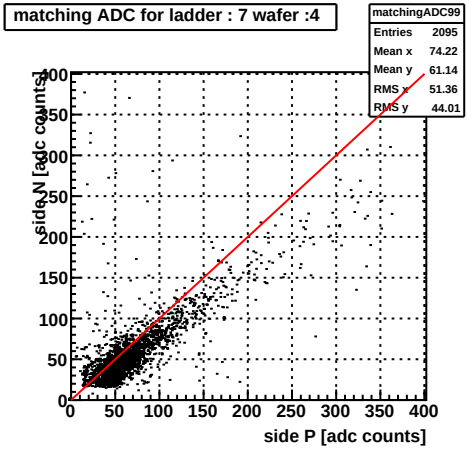

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 9629
Mean x 77.71
Mean y 57.78
RMS x 55.84
RMS y 47.24
side N [adc counts]
side P [adc counts]

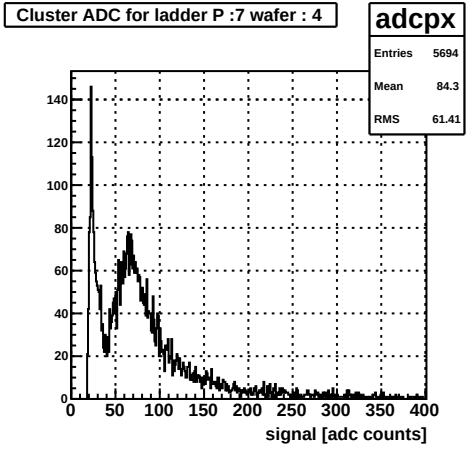

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 25587
Mean 57.64
RMS 57.5
signal [adc counts]

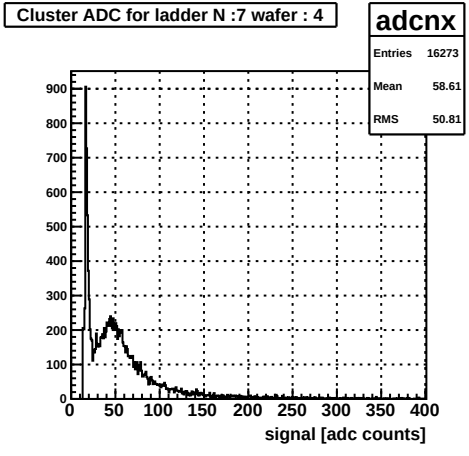

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 16866
Mean 48.18
RMS 46.82
signal [adc counts]

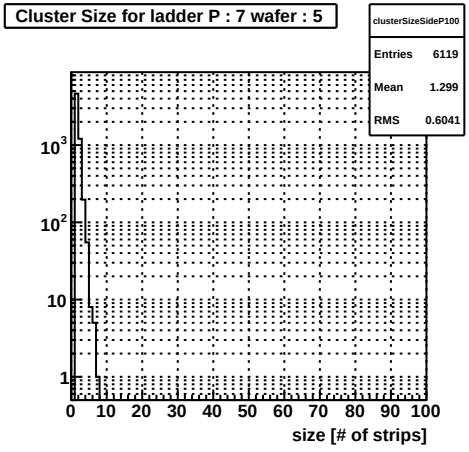

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 5694
Mean 1.398
RMS 0.6871
size [# of strips]

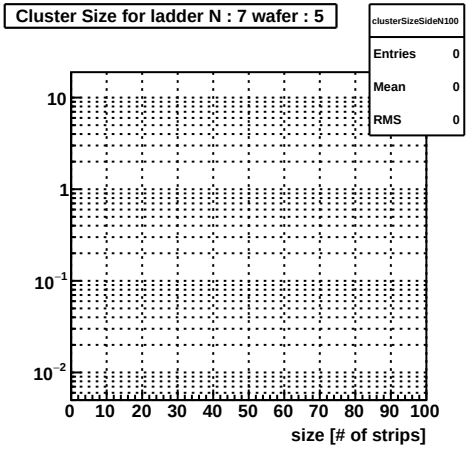

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 16273
Mean 1.539
RMS 0.8678
size [# of strips]

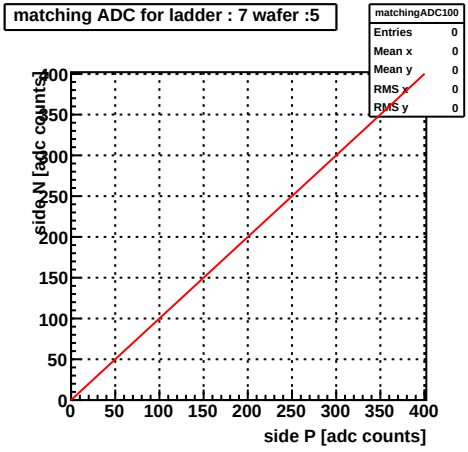

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2095
Mean x 74.22
Mean y 61.14
RMS x 51.36
RMS y 44.01
side N [adc counts]
side P [adc counts]

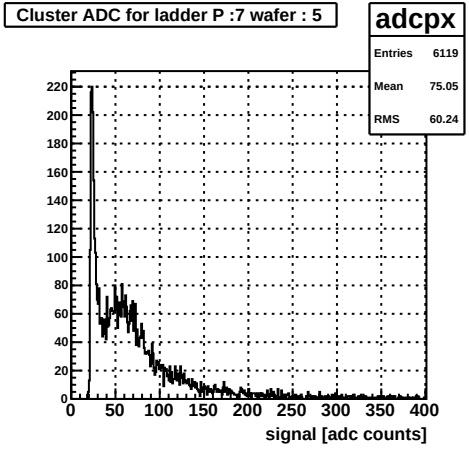

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 5694
Mean 84.3
RMS 61.41
signal [adc counts]

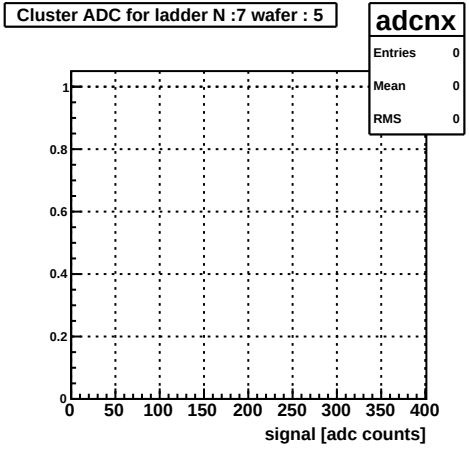

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 16273
Mean 58.61
RMS 50.81
signal [adc counts]

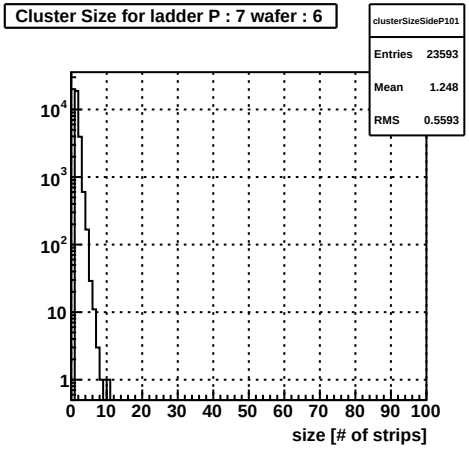

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 6119
Mean 1.299
RMS 0.6041
size [# of strips]

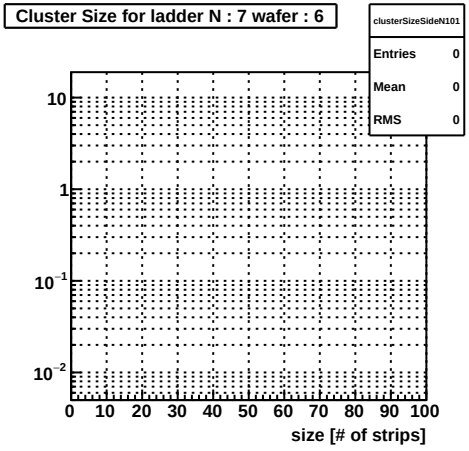

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

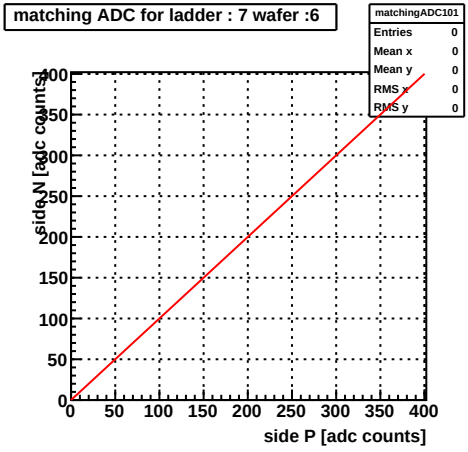

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

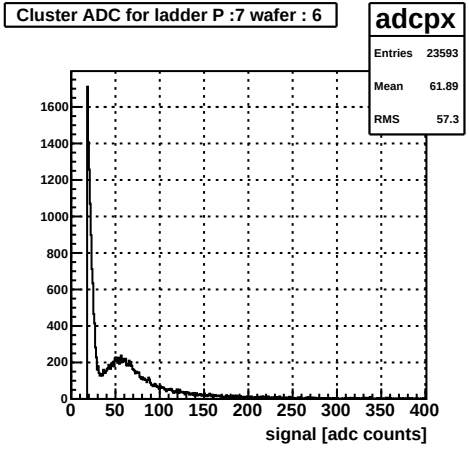

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 6119
Mean 75.05
RMS 60.24
signal [adc counts]

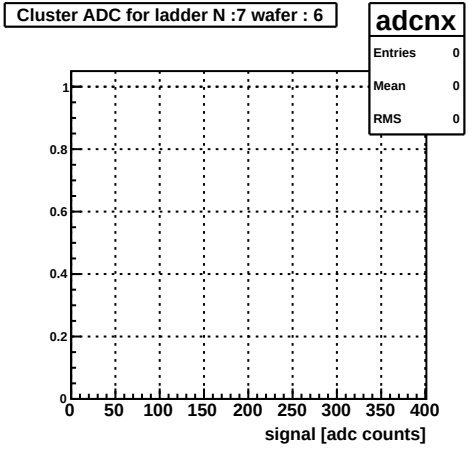

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

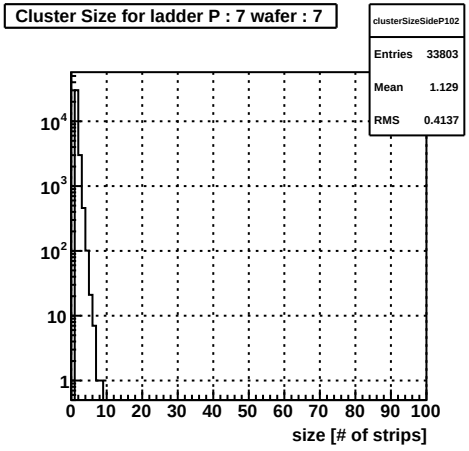

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 23593
Mean 1.248
RMS 0.5593
size [# of strips]

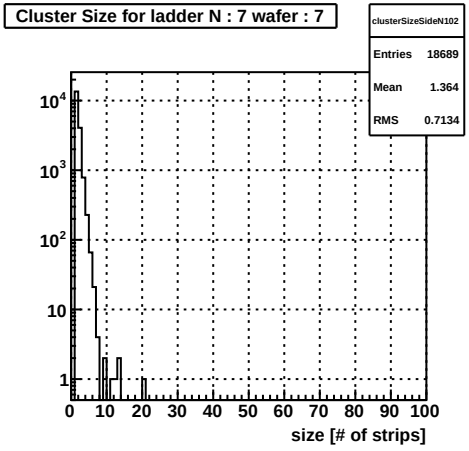

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

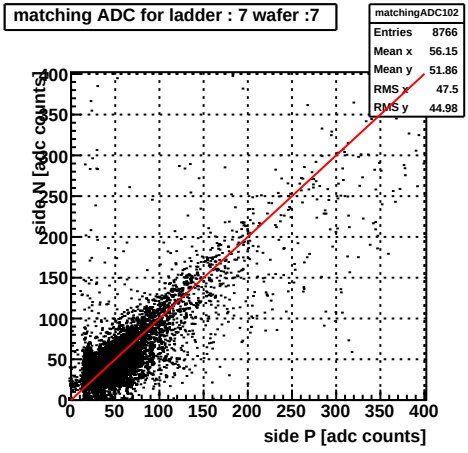

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

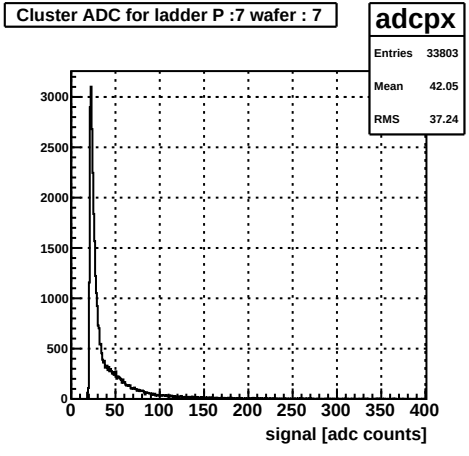

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 23593
Mean 61.89
RMS 57.3
signal [adc counts]

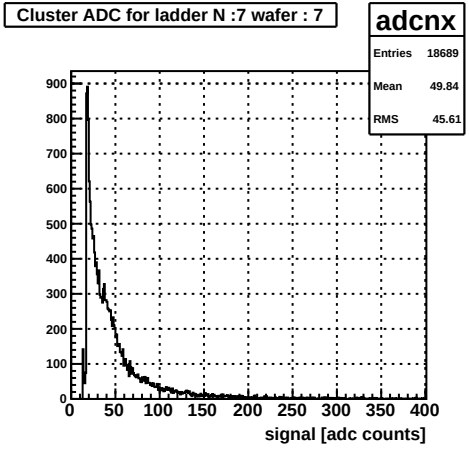

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

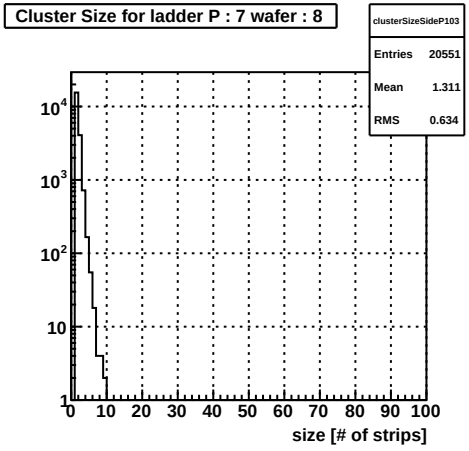

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 33803
Mean 1.129
RMS 0.4137
size [# of strips]

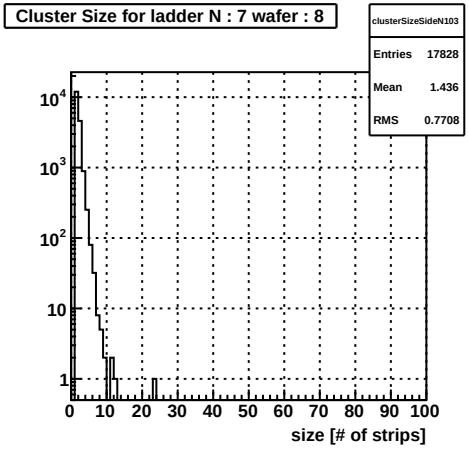

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 18689
Mean 1.364
RMS 0.7134
size [# of strips]

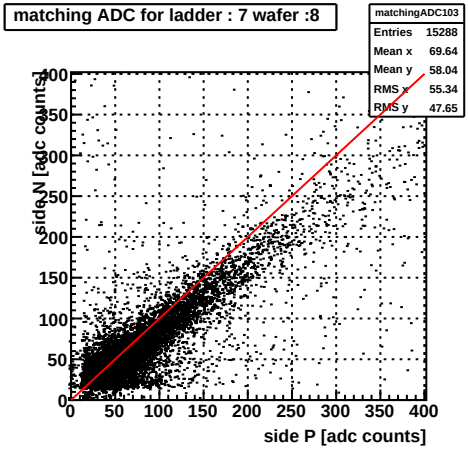

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 8766
Mean x 56.15
Mean y 51.86
RMS x 47.5
RMS y 44.98
side N [adc counts]
side P [adc counts]

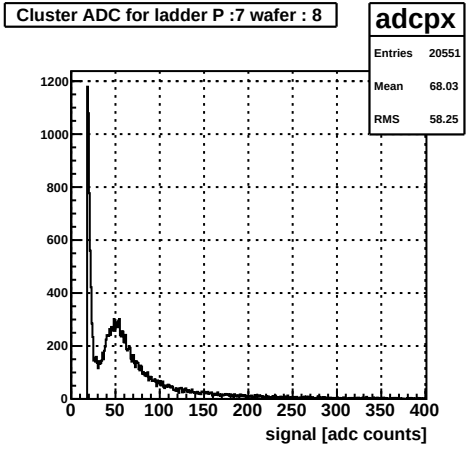

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 33803
Mean 42.05
RMS 37.24
signal [adc counts]

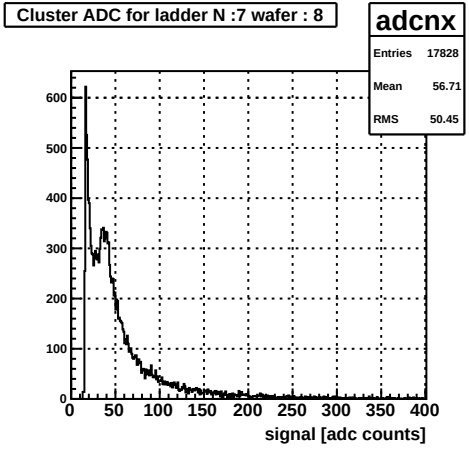

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 18689
Mean 49.84
RMS 45.61
signal [adc counts]

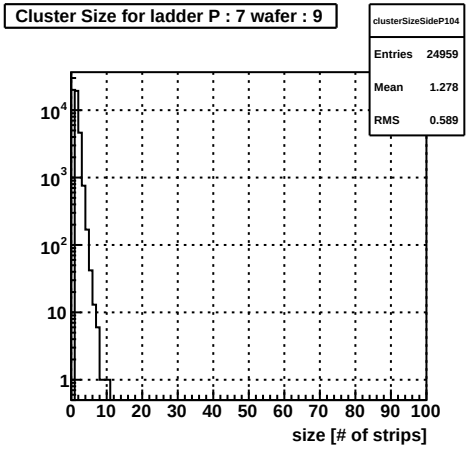

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 20551
Mean 1.311
RMS 0.634
size [# of strips]

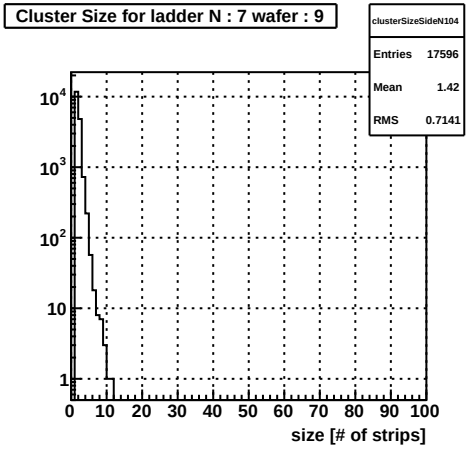

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 17828
Mean 1.436
RMS 0.7708
size [# of strips]

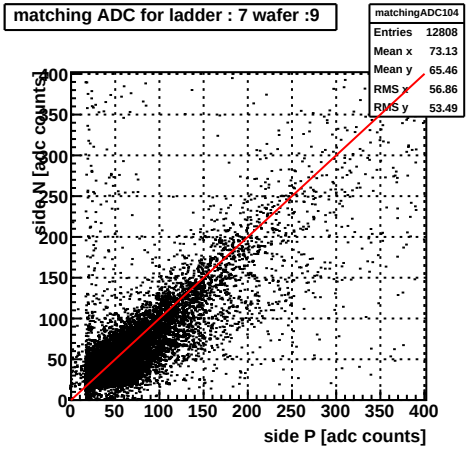

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 15288
Mean x 69.64
Mean y 58.04
RMS x 55.34
RMS y 47.65
side N [adc counts]
side P [adc counts]

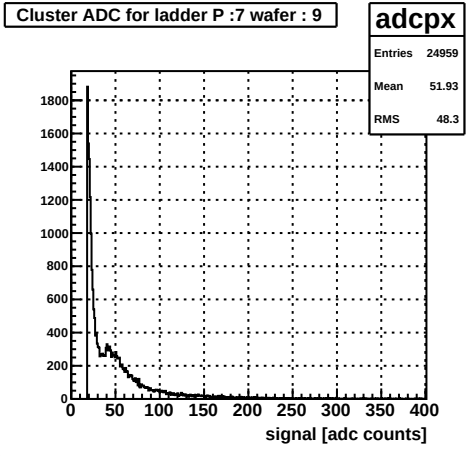

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 20551
Mean 68.03
RMS 58.25
signal [adc counts]

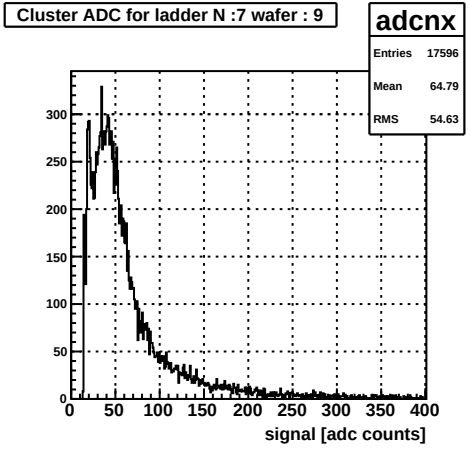

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 17828
Mean 56.71
RMS 50.45
signal [adc counts]

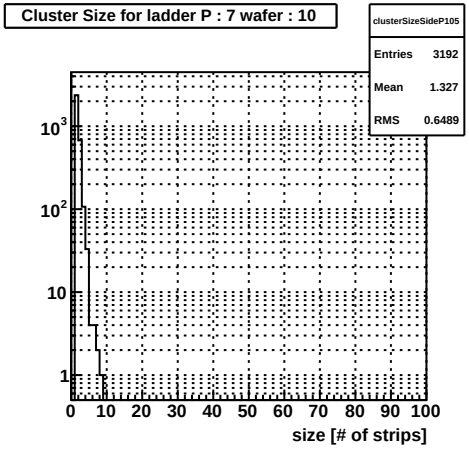

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 24959
Mean 1.278
RMS 0.589
size [# of strips]

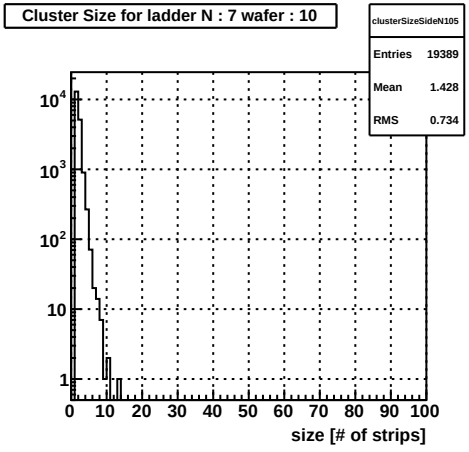

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 17596
Mean 1.42
RMS 0.7141
size [# of strips]

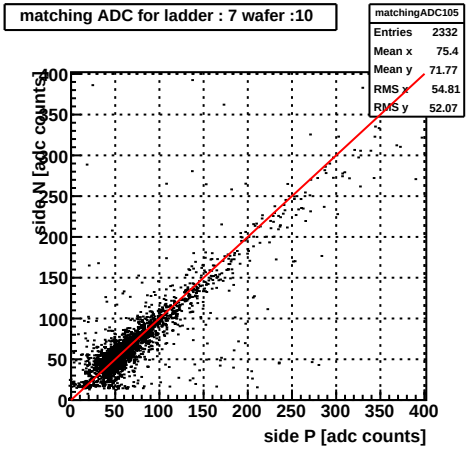

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 12808
Mean x 73.13
Mean y 65.46
RMS x 56.86
RMS y 53.49
side N [adc counts]
side P [adc counts]

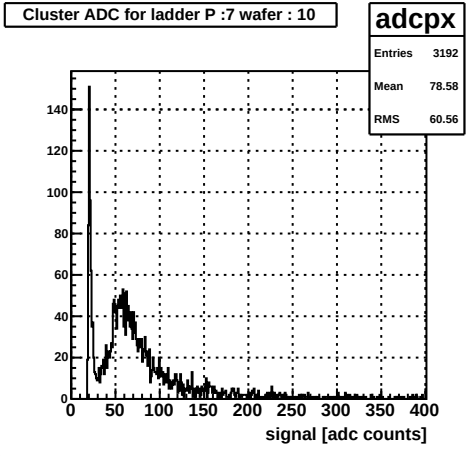

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 24959
Mean 51.93
RMS 48.3
signal [adc counts]

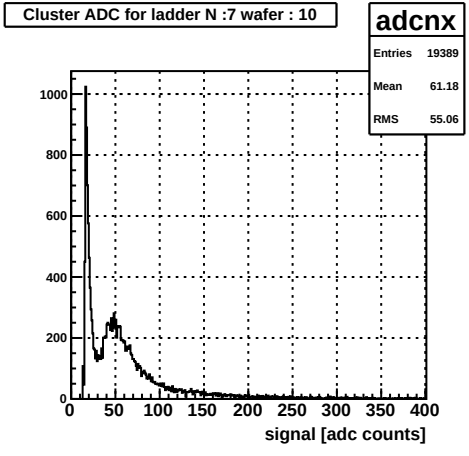

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 17596
Mean 64.79
RMS 54.63
signal [adc counts]

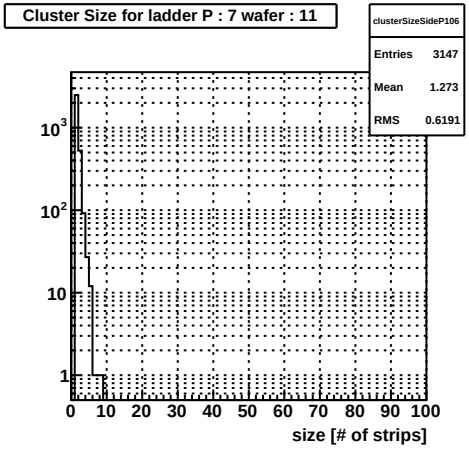

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 3192
Mean 1.327
RMS 0.6489
size [# of strips]

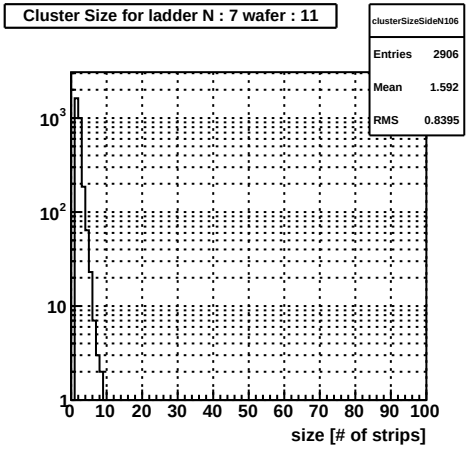

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 19389
Mean 1.428
RMS 0.734
size [# of strips]

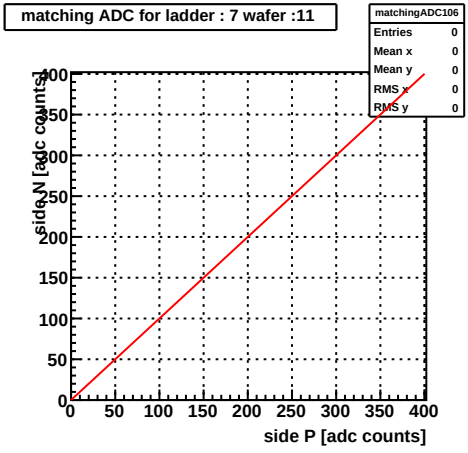

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2332
Mean x 75.4
Mean y 71.77
RMS x 54.81
RMS y 52.07
side N [adc counts]
side P [adc counts]

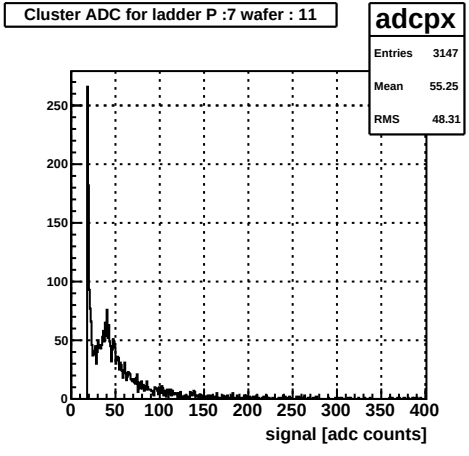

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 3192
Mean 78.58
RMS 60.56
signal [adc counts]

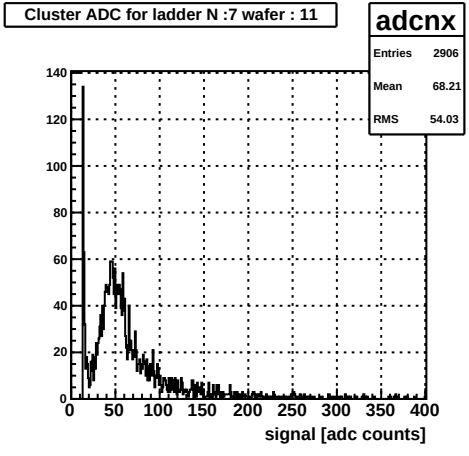

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 19389
Mean 61.18
RMS 55.06
signal [adc counts]

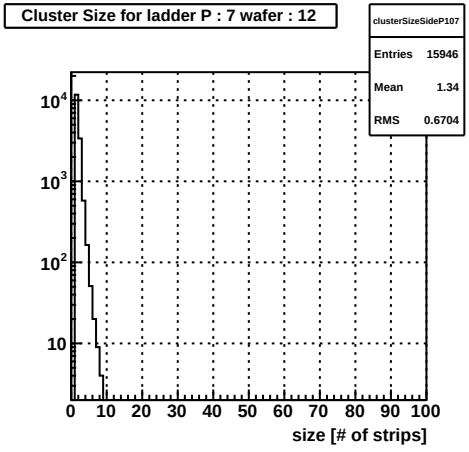

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3147
Mean 1.273
RMS 0.6191
size [# of strips]

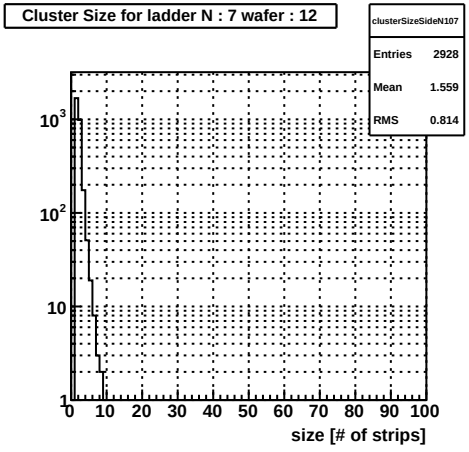

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2906
Mean 1.592
RMS 0.8395
size [# of strips]

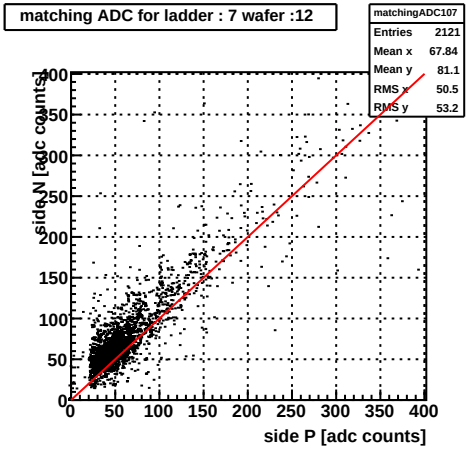

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

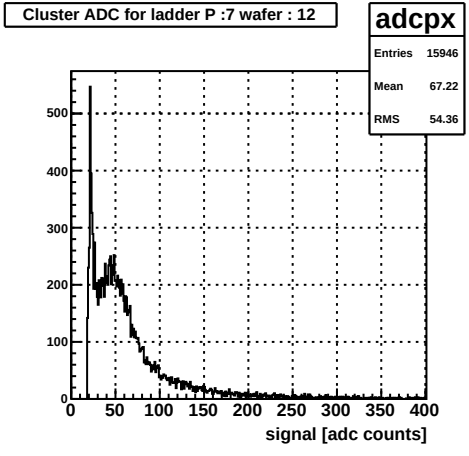

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3147
Mean 55.25
RMS 48.31
signal [adc counts]

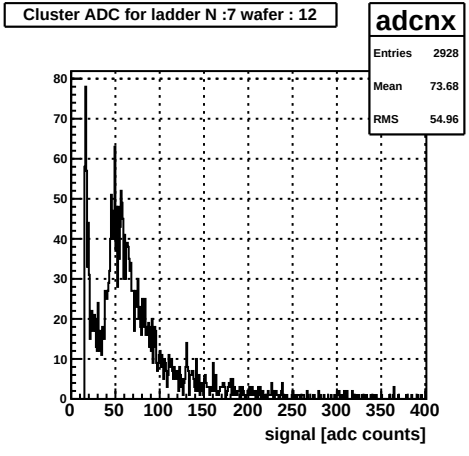

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2906
Mean 68.21
RMS 54.03
signal [adc counts]

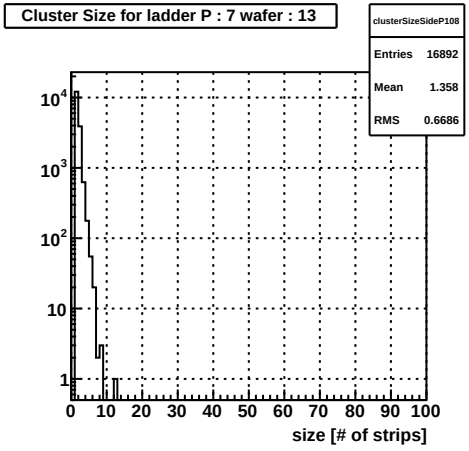

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 15946
Mean 1.34
RMS 0.6704
size [# of strips]

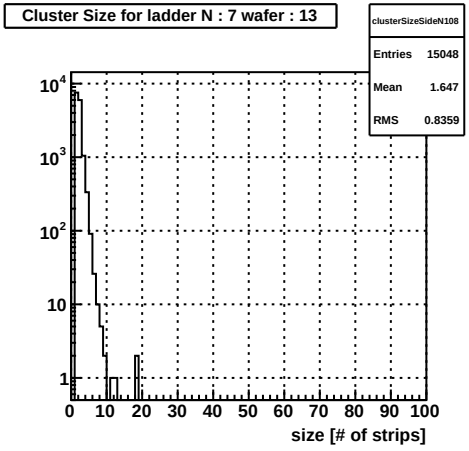

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2928
Mean 1.559
RMS 0.814
size [# of strips]

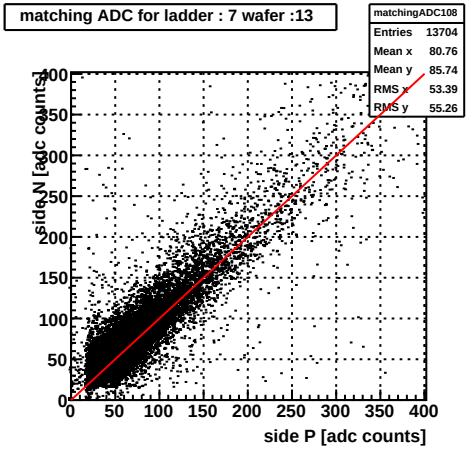

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 2121
Mean x 67.84
Mean y 81.1
RMS x 50.5
RMS y 53.2
side N [adc counts]
side P [adc counts]

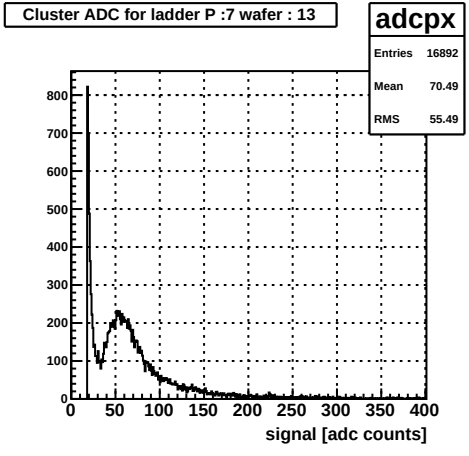

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 15946
Mean 67.22
RMS 54.36
signal [adc counts]

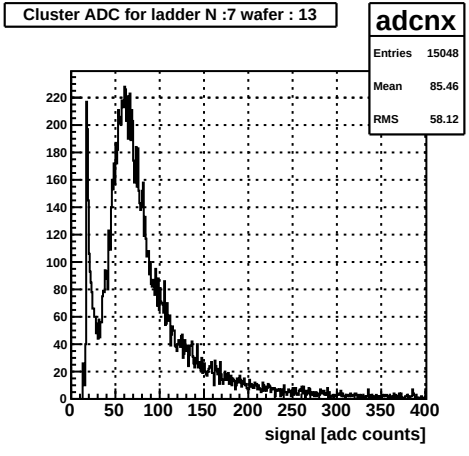

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2928
Mean 73.68
RMS 54.96
signal [adc counts]

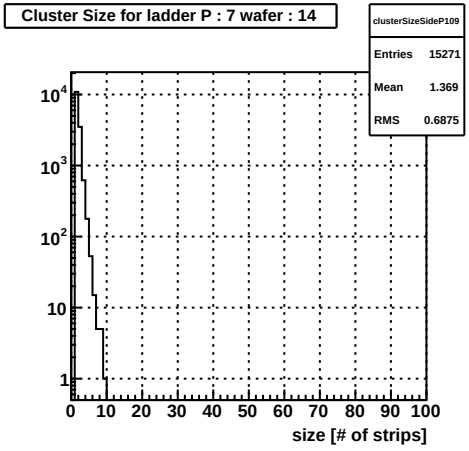

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 16892
Mean 1.358
RMS 0.6686
size [# of strips]

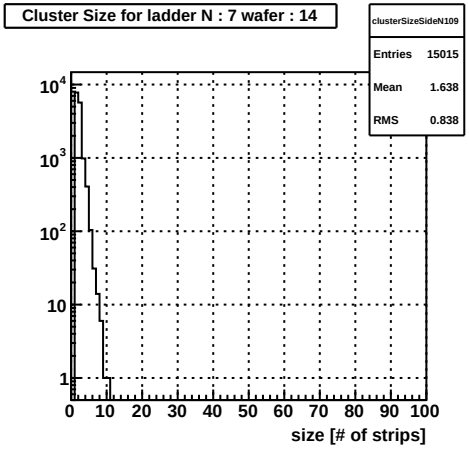

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 15048
Mean 1.647
RMS 0.8359
size [# of strips]

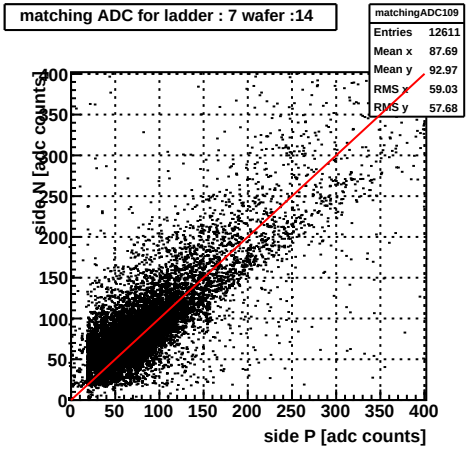

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 13704
Mean x 80.76
Mean y 85.74
RMS x 53.39
RMS y 55.26
side N [adc counts]
side P [adc counts]

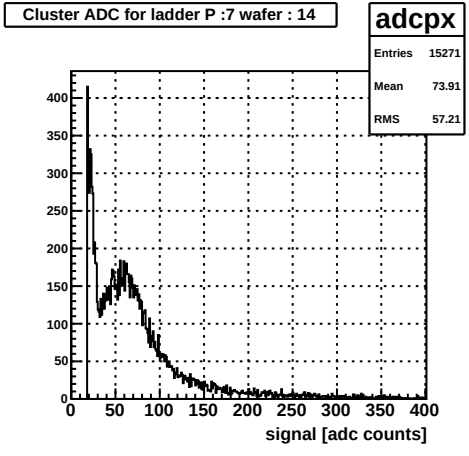

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 16892
Mean 70.49
RMS 55.49
signal [adc counts]

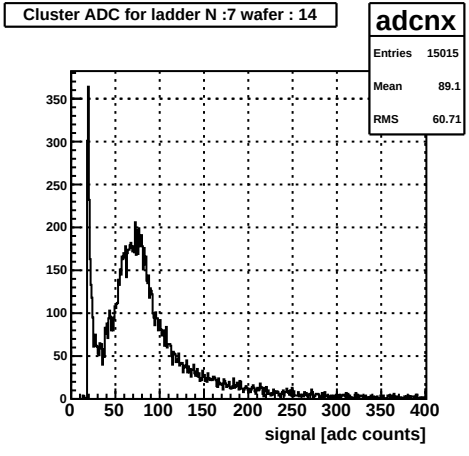

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 15048
Mean 85.46
RMS 58.12
signal [adc counts]

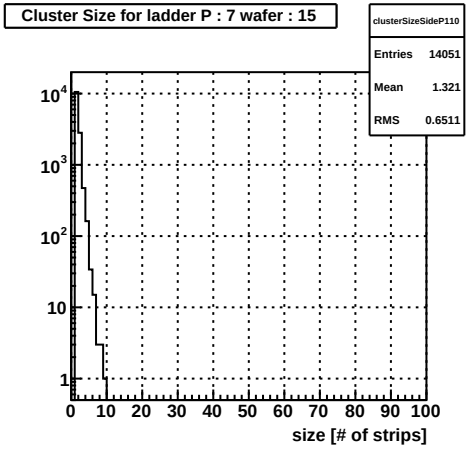

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 15271
Mean 1.369
RMS 0.6875
size [# of strips]

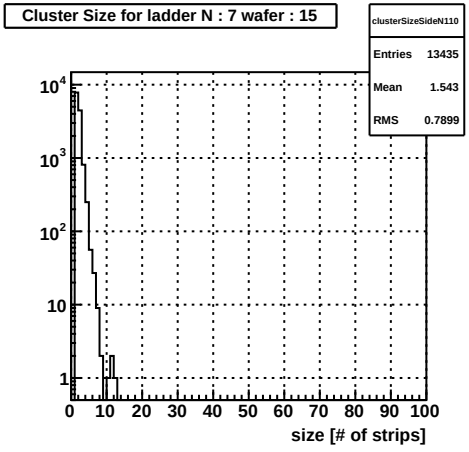

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 15015
Mean 1.638
RMS 0.838
size [# of strips]

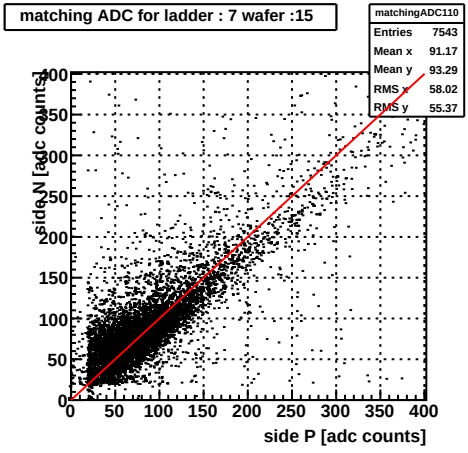

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 12611
Mean x 87.69
Mean y 92.97
RMS x 59.03
RMS y 57.68
side N [adc counts]
side P [adc counts]

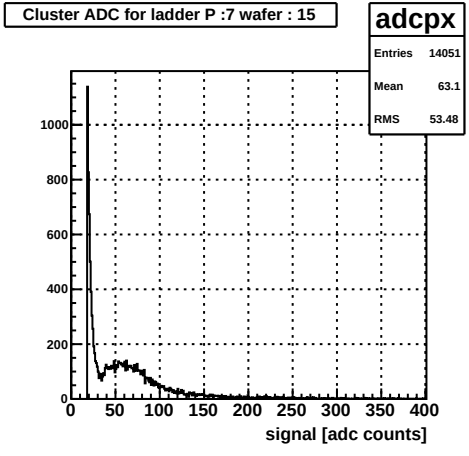

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 15271
Mean 73.91
RMS 57.21
signal [adc counts]

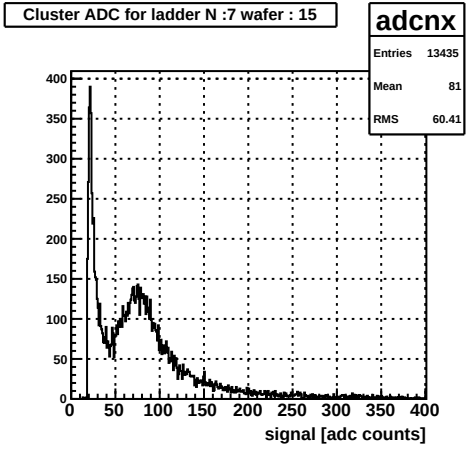

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 15015
Mean 89.1
RMS 60.71
signal [adc counts]

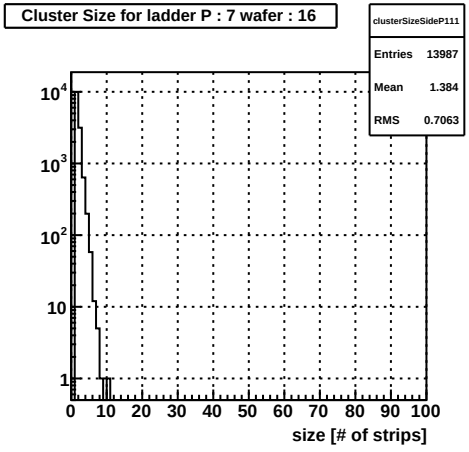

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 14051
Mean 1.321
RMS 0.6511
size [# of strips]

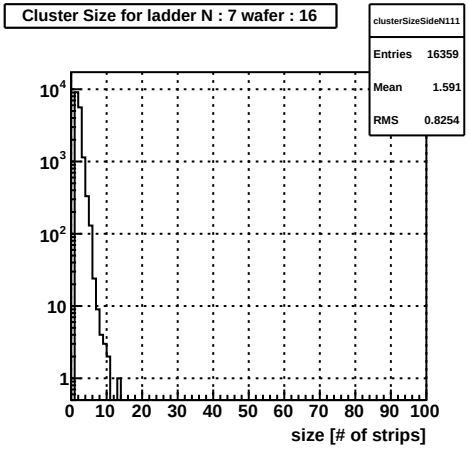

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 13435
Mean 1.543
RMS 0.7899
size [# of strips]

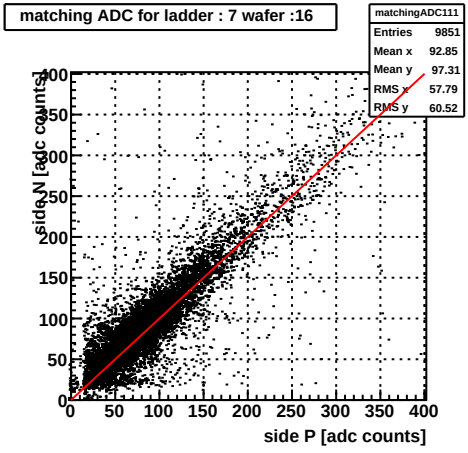

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 7543
Mean x 91.17
Mean y 93.29
RMS x 58.02
RMS y 55.37
side N [adc counts]
side P [adc counts]

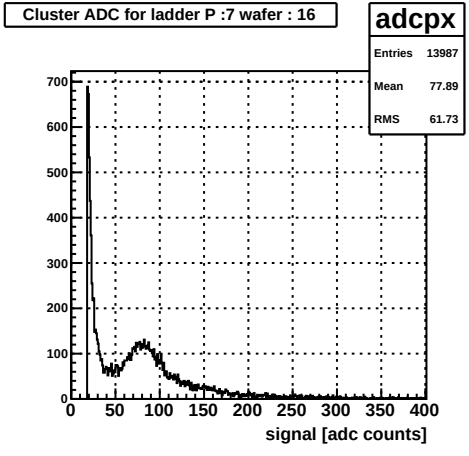

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 14051
Mean 63.1
RMS 53.48
signal [adc counts]

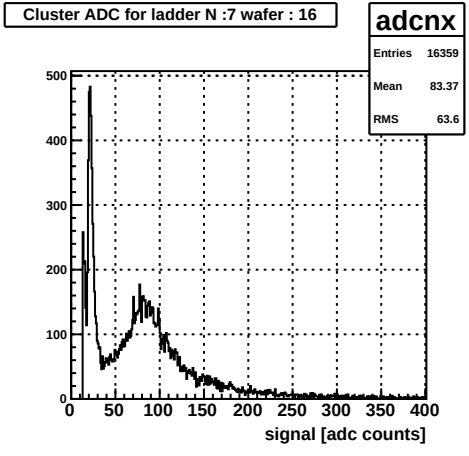

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 13435
Mean 81
RMS 60.41
signal [adc counts]

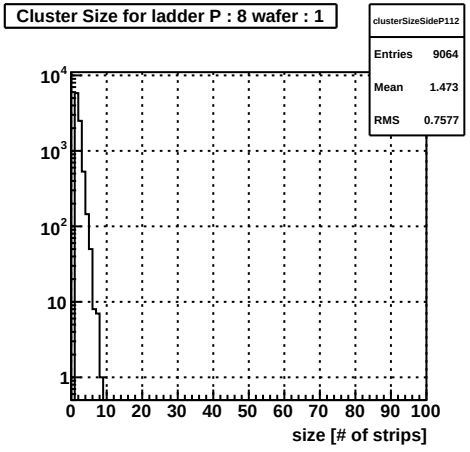

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 13987
Mean 1.384
RMS 0.7063
size [# of strips]

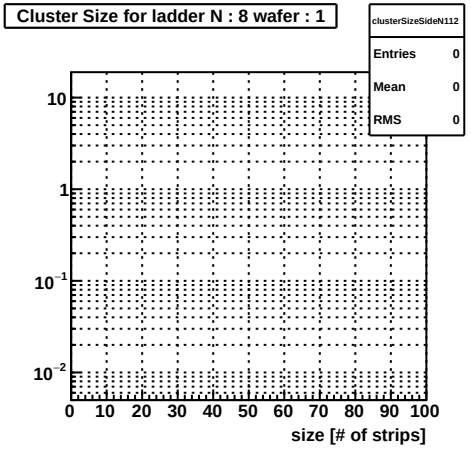

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 16359
Mean 1.591
RMS 0.8254
size [# of strips]

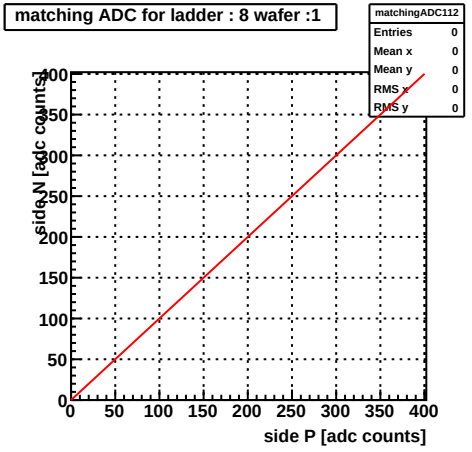

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 9851
Mean x 92.85
Mean y 97.31
RMS x 57.79
RMS y 60.52
side N [adc counts]
side P [adc counts]

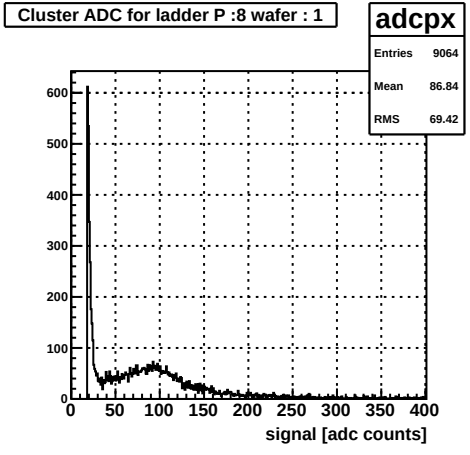

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 13987
Mean 77.89
RMS 61.73
signal [adc counts]

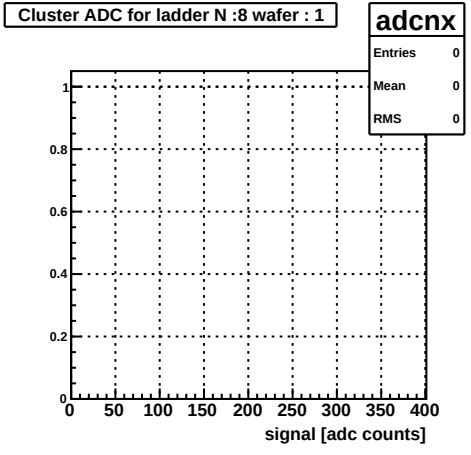

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 16359
Mean 83.37
RMS 63.6
signal [adc counts]

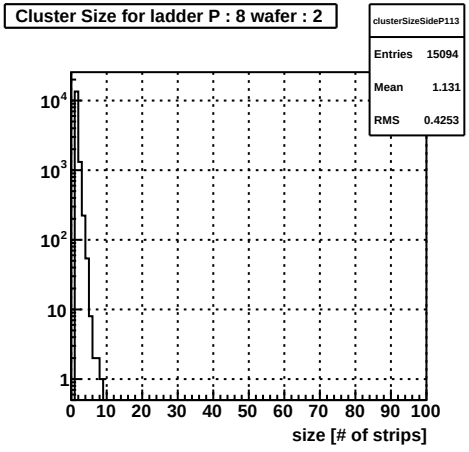

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 9064
Mean 1.473
RMS 0.7577
size [# of strips]

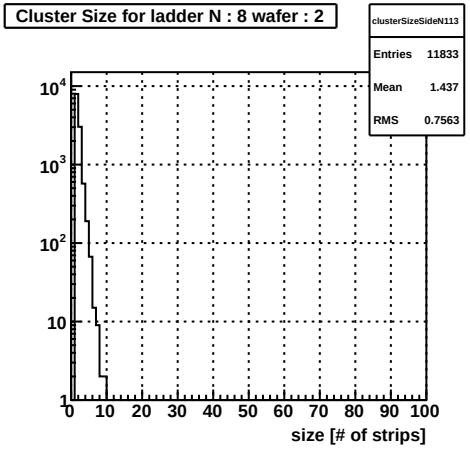

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

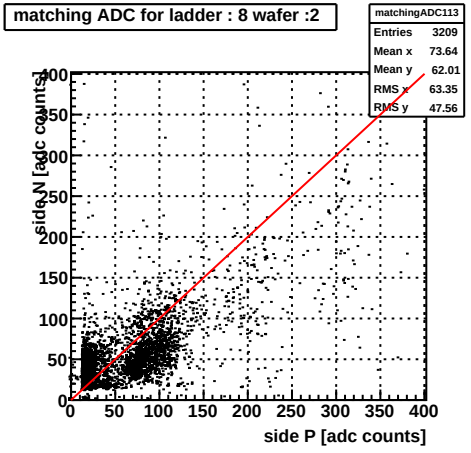

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

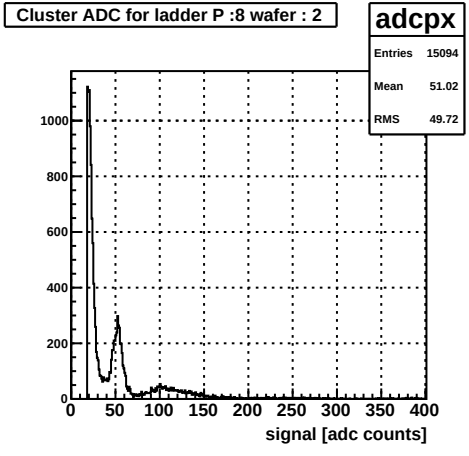

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 9064
Mean 86.84
RMS 69.42
signal [adc counts]

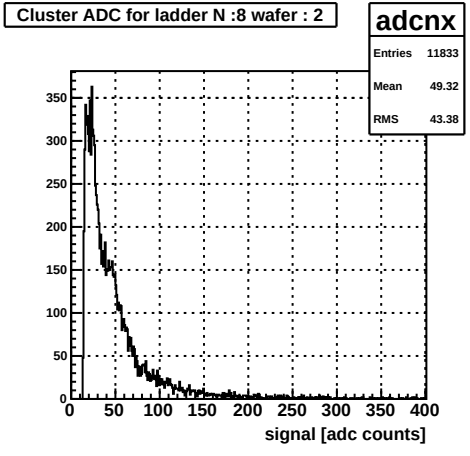

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

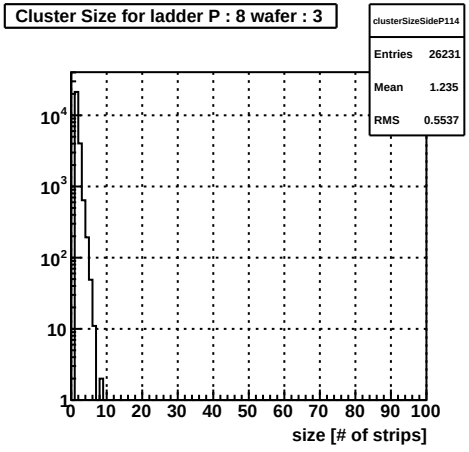

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 15094
Mean 1.131
RMS 0.4253
size [# of strips]

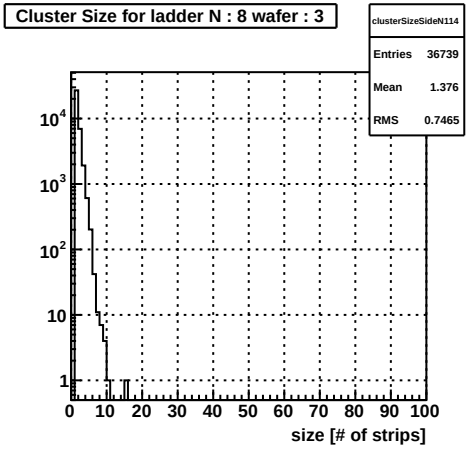

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 11833
Mean 1.437
RMS 0.7563
size [# of strips]

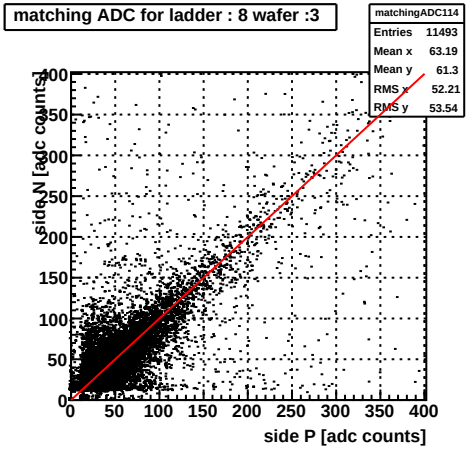

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3209
Mean x 73.64
Mean y 62.01
RMS x 63.35
RMS y 47.56
side N [adc counts]
side P [adc counts]

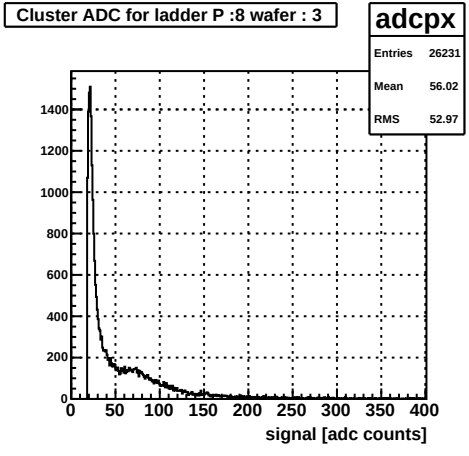

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 15094
Mean 51.02
RMS 49.72
signal [adc counts]

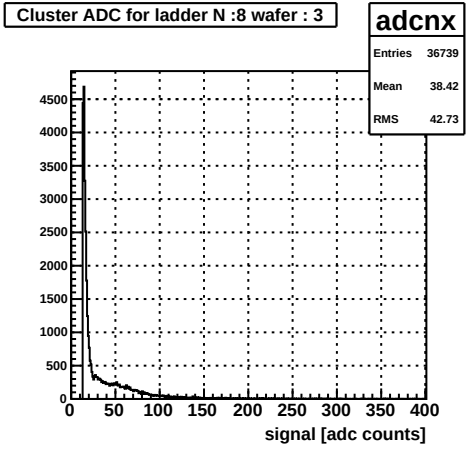

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 11833
Mean 49.32
RMS 43.38
signal [adc counts]

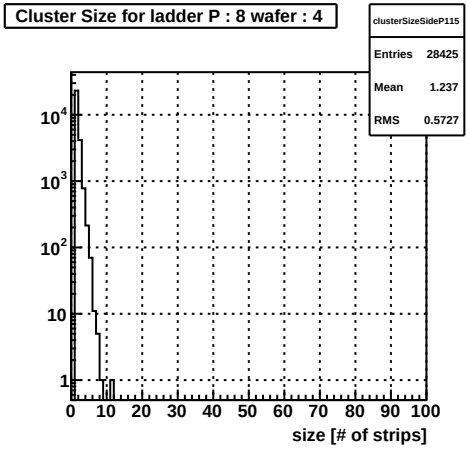

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 26231
Mean 1.235
RMS 0.5537
size [# of strips]

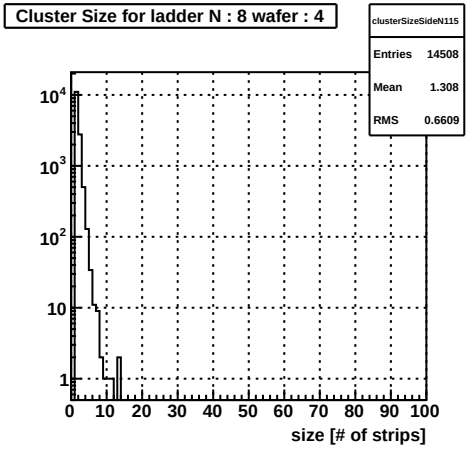

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 36739
Mean 1.376
RMS 0.7465
size [# of strips]

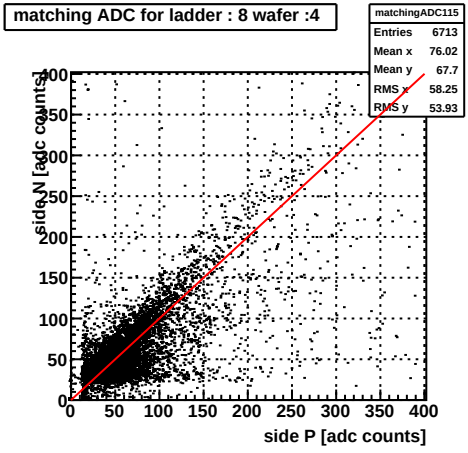

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 11493
Mean x 63.19
Mean y 61.3
RMS x 52.21
RMS y 53.54
side N [adc counts]
side P [adc counts]

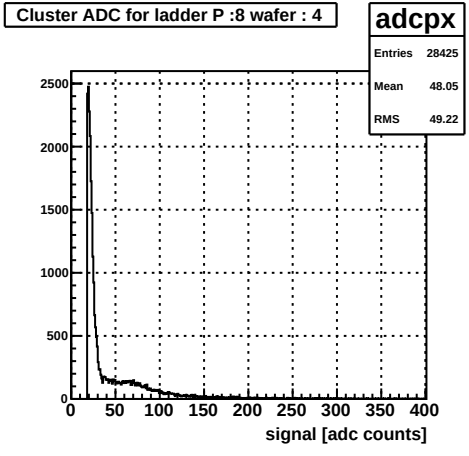

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 26231
Mean 56.02
RMS 52.97
signal [adc counts]

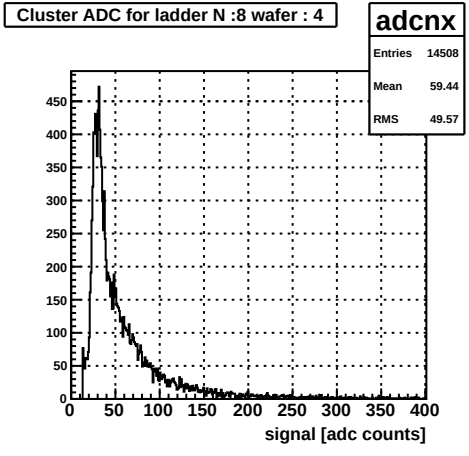

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 36739
Mean 38.42
RMS 42.73
signal [adc counts]

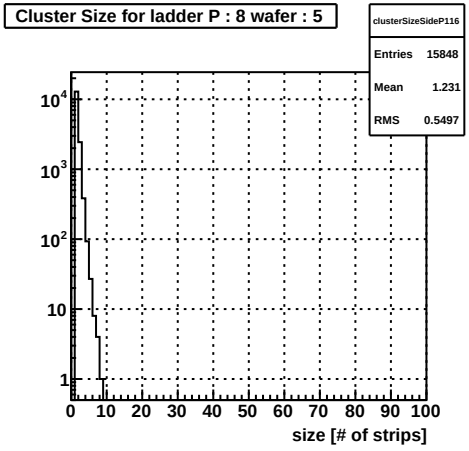

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 28425
Mean 1.237
RMS 0.5727
size [# of strips]

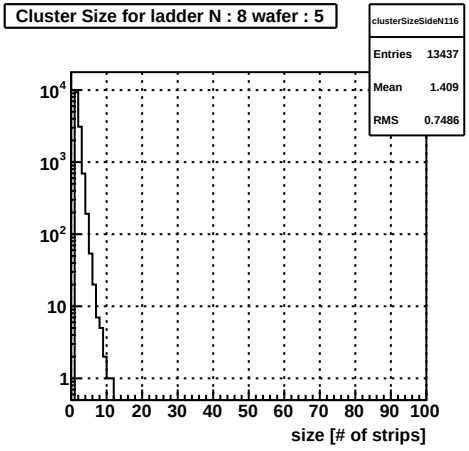

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 14508
Mean 1.308
RMS 0.6609
size [# of strips]

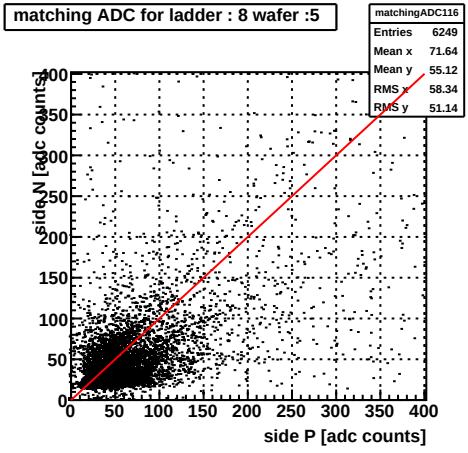

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 6713
Mean x 76.02
Mean y 67.7
RMS x 58.25
RMS y 53.93
side N [adc counts]
side P [adc counts]

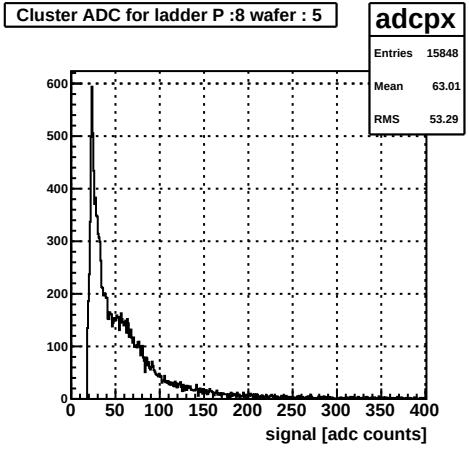

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 28425
Mean 48.05
RMS 49.22
signal [adc counts]

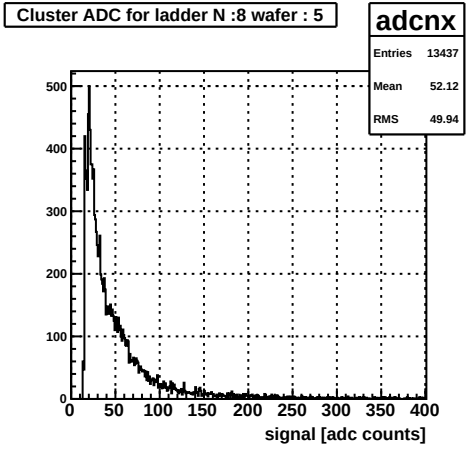

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 14508
Mean 59.44
RMS 49.57
signal [adc counts]

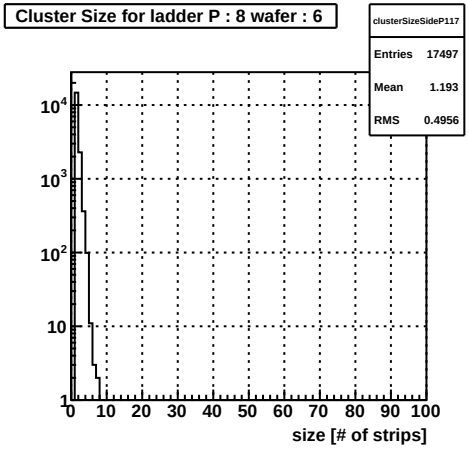

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 15848
Mean 1.231
RMS 0.5497
size [# of strips]

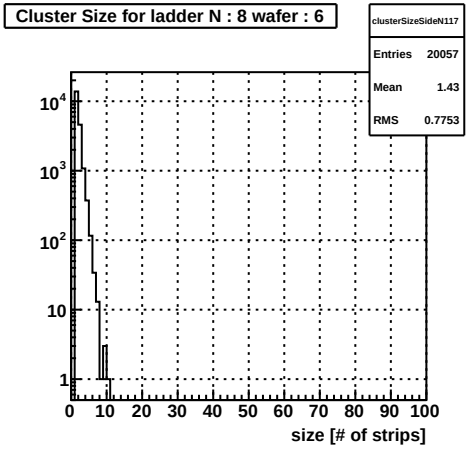

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 13437
Mean 1.409
RMS 0.7486
size [# of strips]

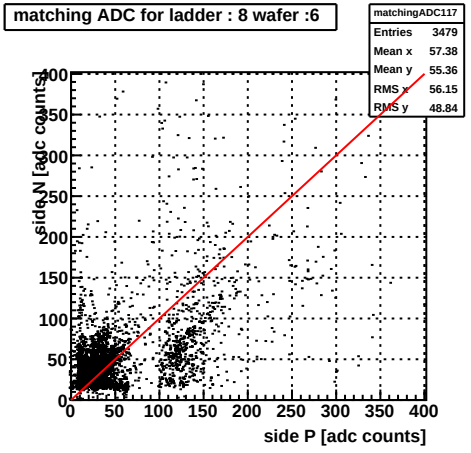

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 6249
Mean x 71.64
Mean y 55.12
RMS x 58.34
RMS y 51.14
side N [adc counts]
side P [adc counts]

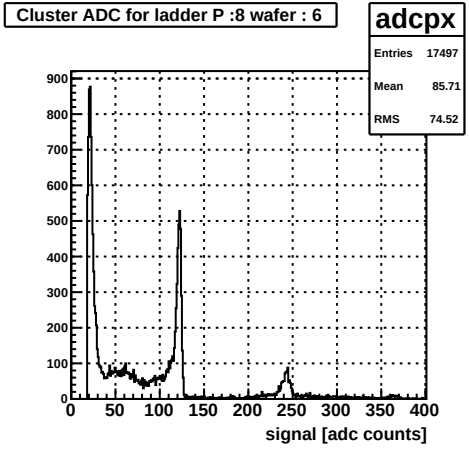

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 15848
Mean 63.01
RMS 53.29
signal [adc counts]

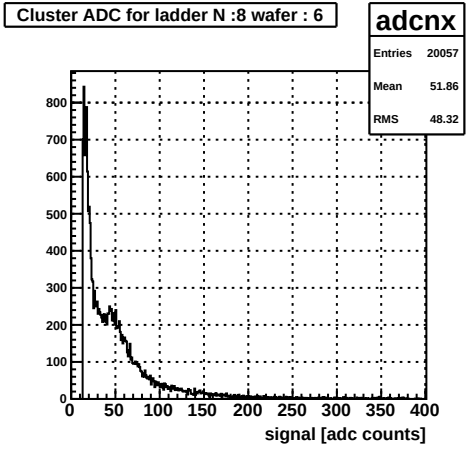

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 13437
Mean 52.12
RMS 49.94
signal [adc counts]

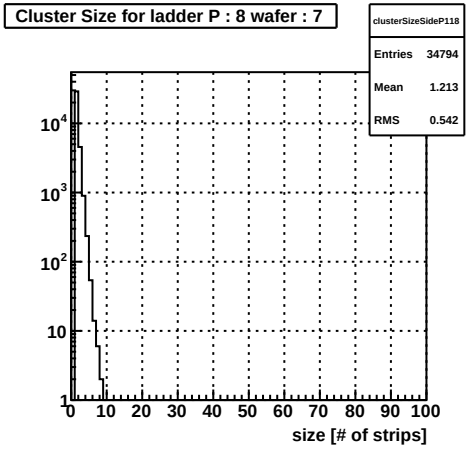

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 17497
Mean 1.193
RMS 0.4956
size [# of strips]

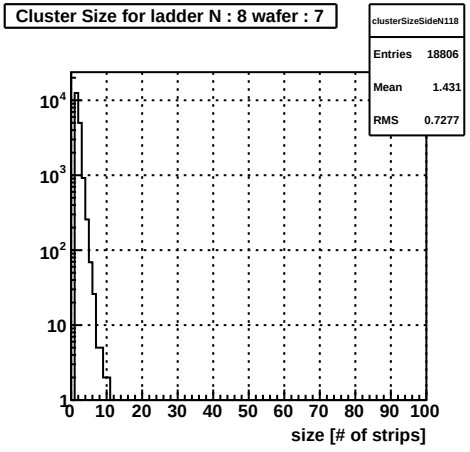

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 20057
Mean 1.43
RMS 0.7753
size [# of strips]

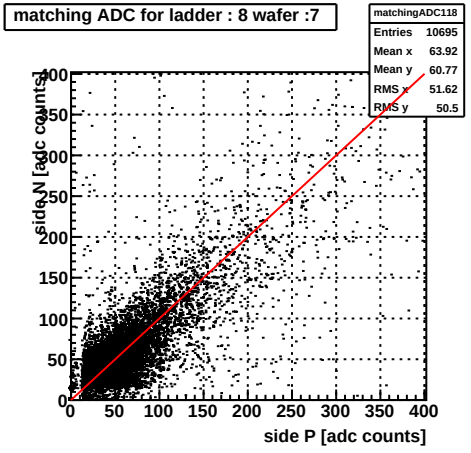

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3479
Mean x 57.38
Mean y 55.36
RMS x 56.15
RMS y 48.84
side N [adc counts]
side P [adc counts]

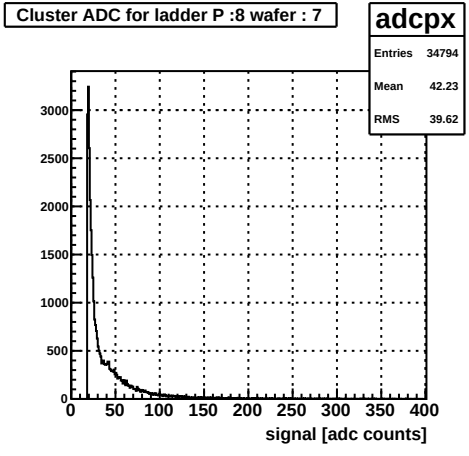

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 17497
Mean 85.71
RMS 74.52
signal [adc counts]

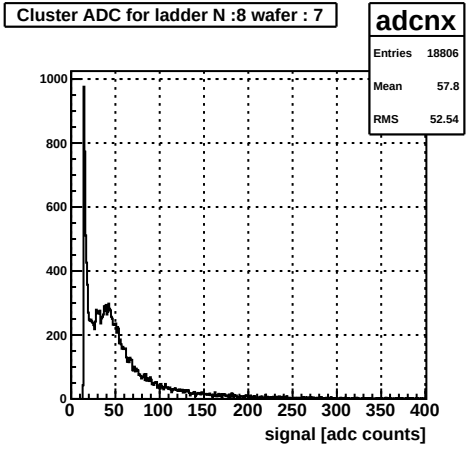

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 20057
Mean 51.86
RMS 48.32
signal [adc counts]

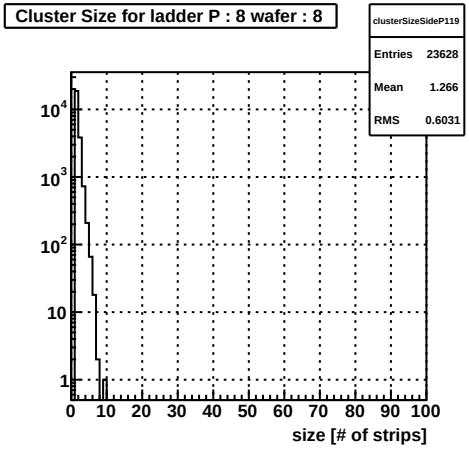

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 34794
Mean 1.213
RMS 0.542
size [# of strips]

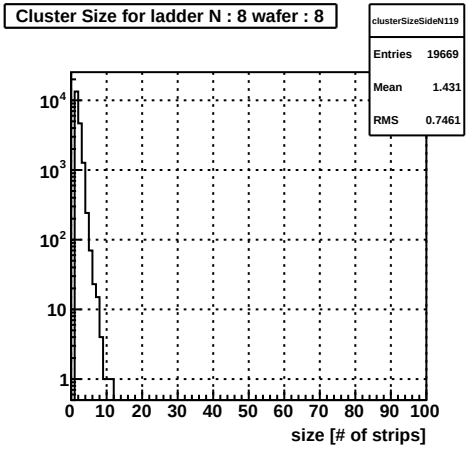

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 18806
Mean 1.431
RMS 0.7277
size [# of strips]

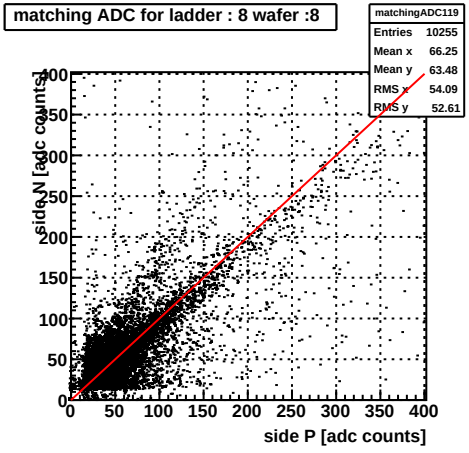

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 10695
Mean x 63.92
Mean y 60.77
RMS x 51.62
RMS y 50.5
side N [adc counts]
side P [adc counts]

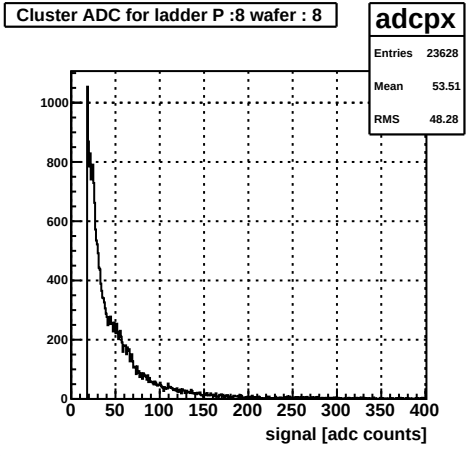

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 34794
Mean 42.23
RMS 39.62
signal [adc counts]

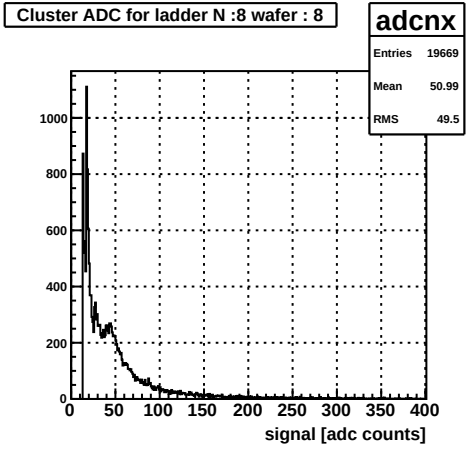

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 18806
Mean 57.8
RMS 52.54
signal [adc counts]

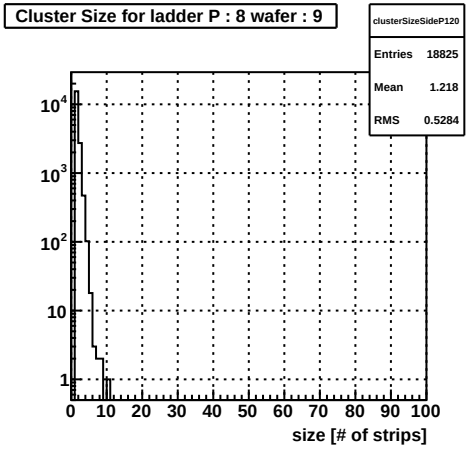

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 23628
Mean 1.266
RMS 0.6031
size [# of strips]

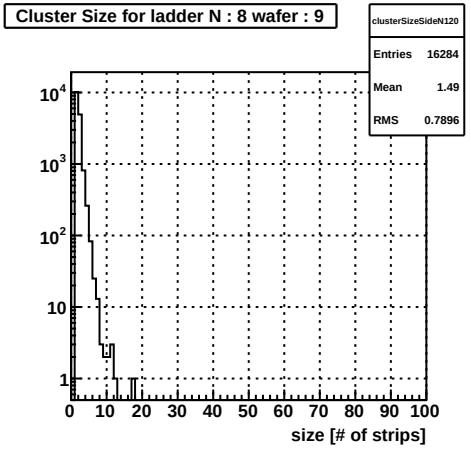

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 19669
Mean 1.431
RMS 0.7461
size [# of strips]

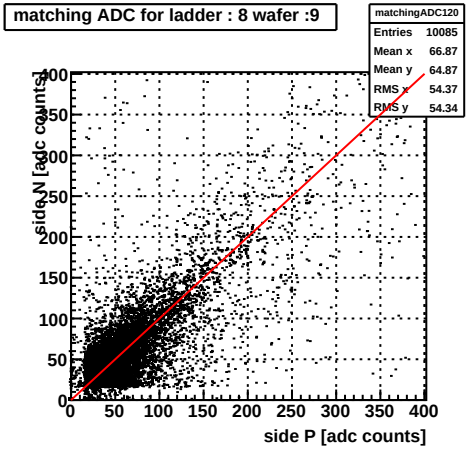

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 10255
Mean x 66.25
Mean y 63.48
RMS x 54.09
RMS y 52.61
side N [adc counts]
side P [adc counts]

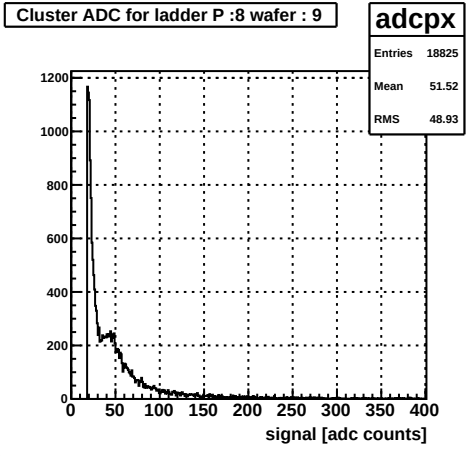

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 23628
Mean 53.51
RMS 48.28
signal [adc counts]

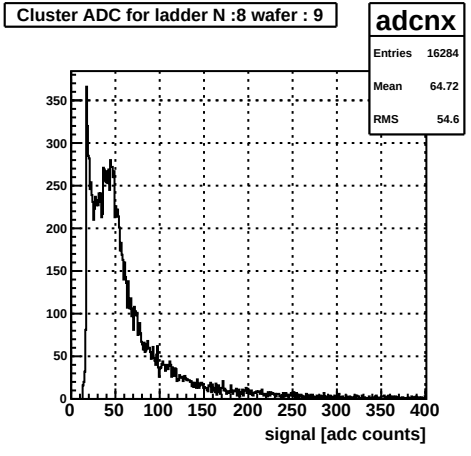

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 19669
Mean 50.99
RMS 49.5
signal [adc counts]

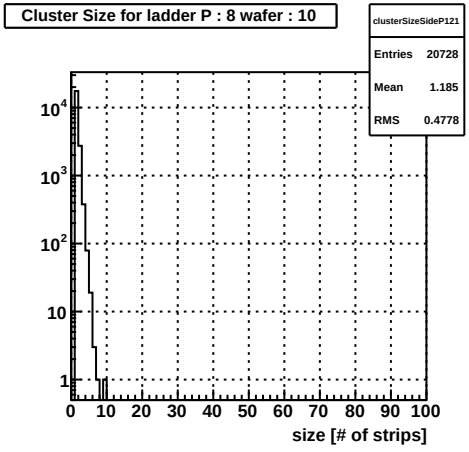

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 18825
Mean 1.218
RMS 0.5284
size [# of strips]

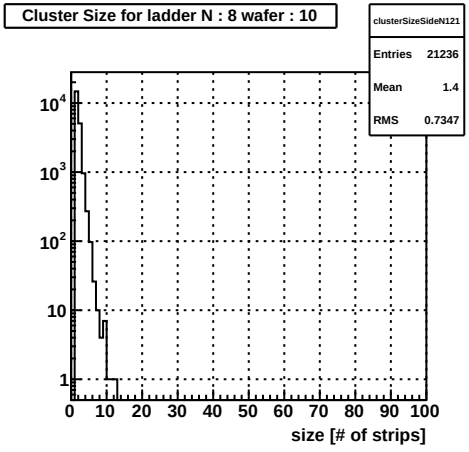

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 16284
Mean 1.49
RMS 0.7896
size [# of strips]

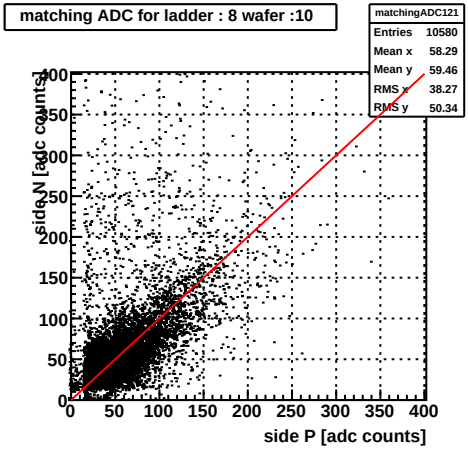

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 10085
Mean x 66.87
Mean y 64.87
RMS x 54.37
RMS y 54.34
side N [adc counts]
side P [adc counts]

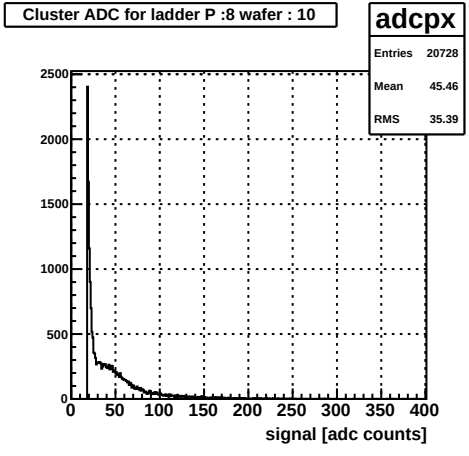

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 18825
Mean 51.52
RMS 48.93
signal [adc counts]

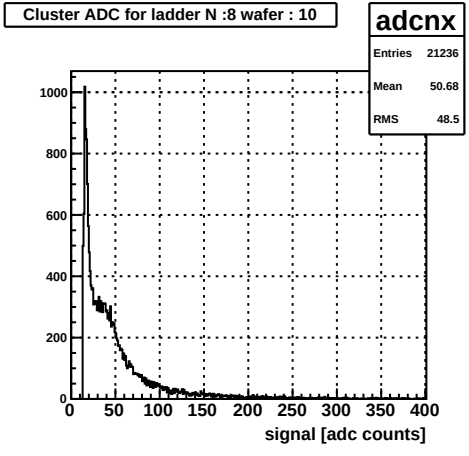

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 16284
Mean 64.72
RMS 54.6
signal [adc counts]

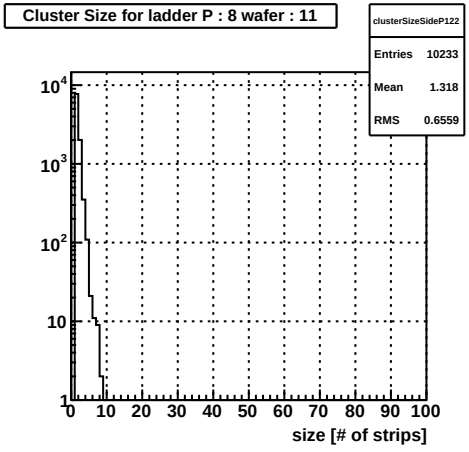

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 20728
Mean 1.185
RMS 0.4778
size [# of strips]

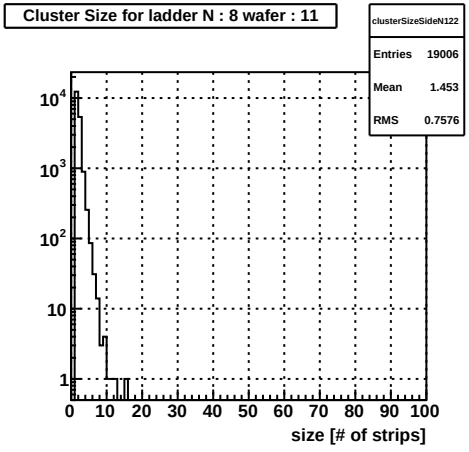

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 21236
Mean 1.4
RMS 0.7347
size [# of strips]

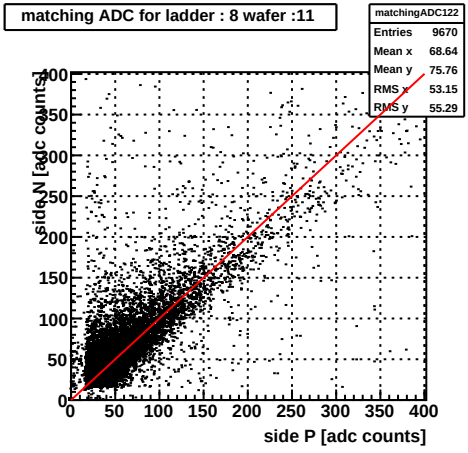

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 10580
Mean x 58.29
Mean y 59.46
RMS x 38.27
RMS y 50.34
side N [adc counts]
side P [adc counts]

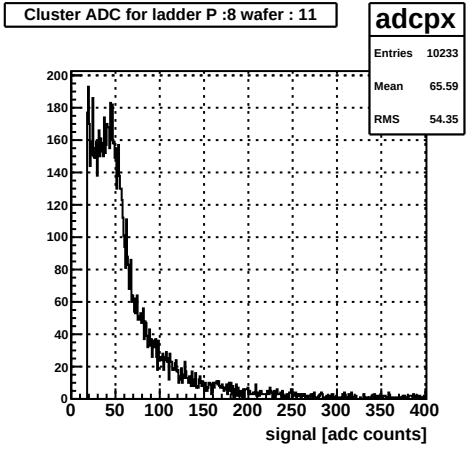

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 20728
Mean 45.46
RMS 35.39
signal [adc counts]

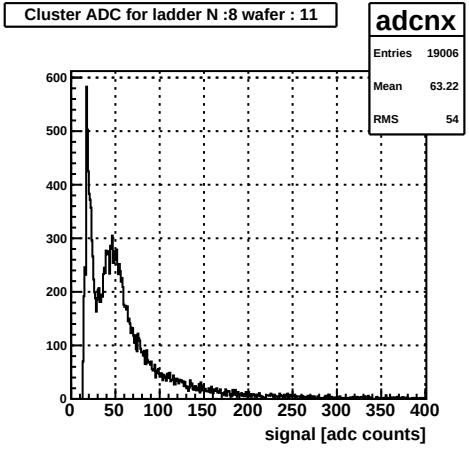

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 21236
Mean 50.68
RMS 48.5
signal [adc counts]

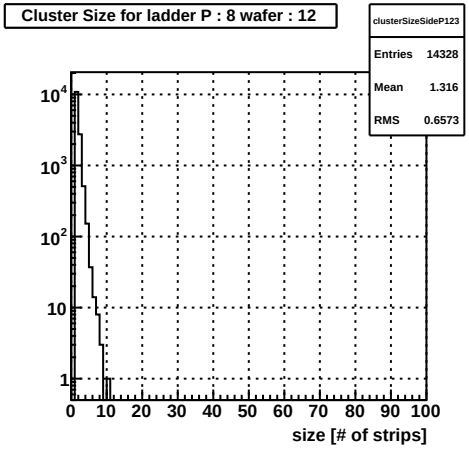

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 10233
Mean 1.318
RMS 0.6559
size [# of strips]

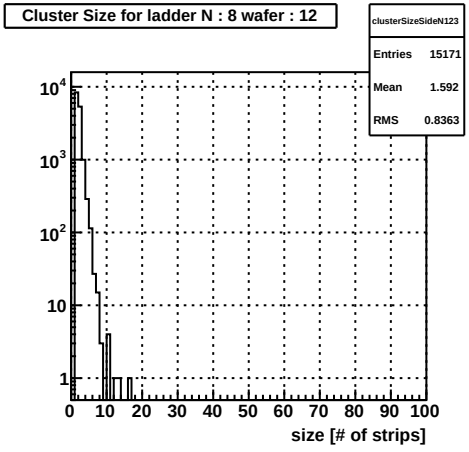

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 19006
Mean 1.453
RMS 0.7576
size [# of strips]

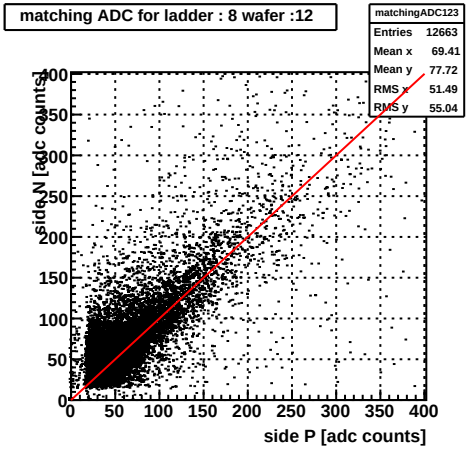

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 9670
Mean x 68.64
Mean y 75.76
RMS x 53.15
RMS y 55.29
side N [adc counts]
side P [adc counts]

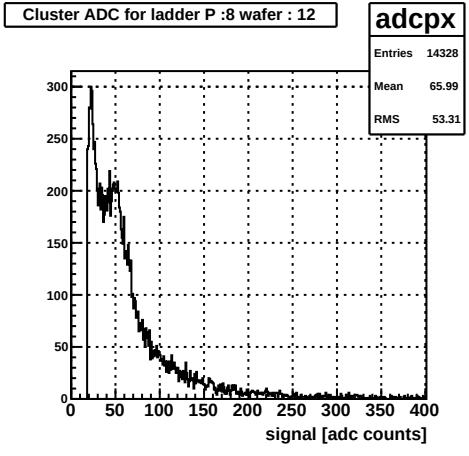

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 10233
Mean 65.59
RMS 54.35
signal [adc counts]

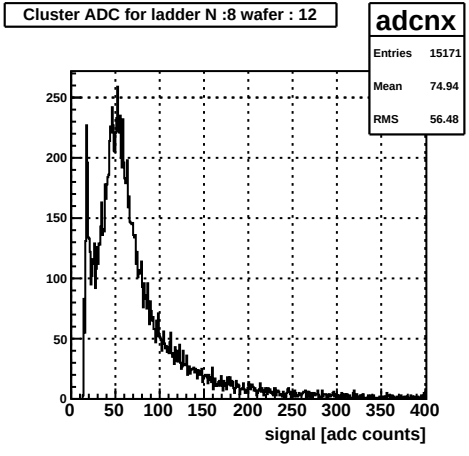

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 19006
Mean 63.22
RMS 54
signal [adc counts]

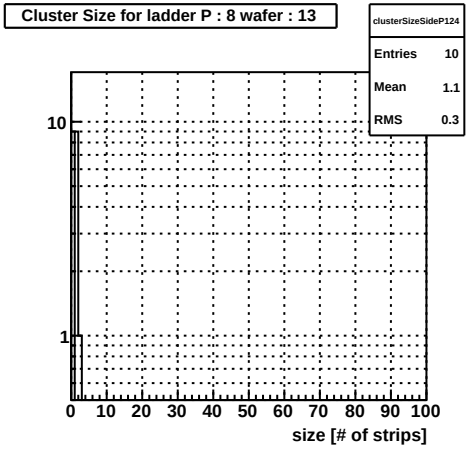

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 14328
Mean 1.316
RMS 0.6573
size [# of strips]

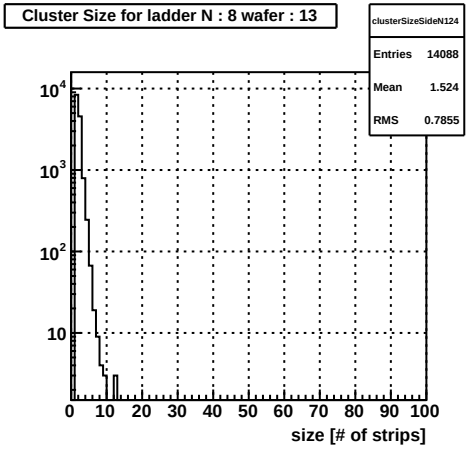

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 15171
Mean 1.592
RMS 0.8363
size [# of strips]

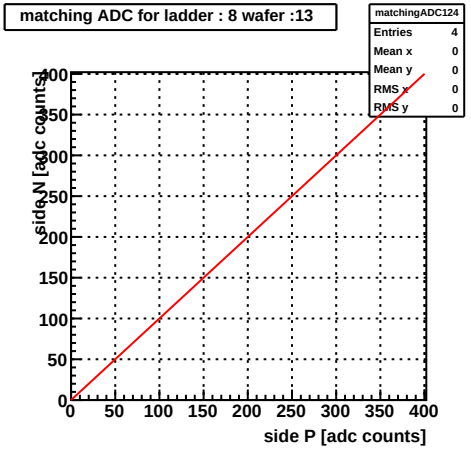

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 12663
Mean x 69.41
Mean y 77.72
RMS x 51.49
RMS y 55.04
side N [adc counts]
side P [adc counts]

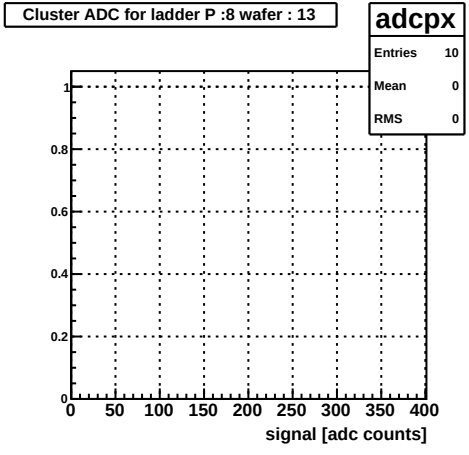

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 14328
Mean 65.99
RMS 53.31
signal [adc counts]

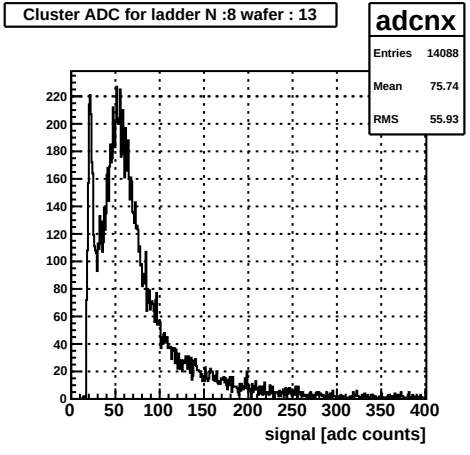

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 15171
Mean 74.94
RMS 56.48
signal [adc counts]

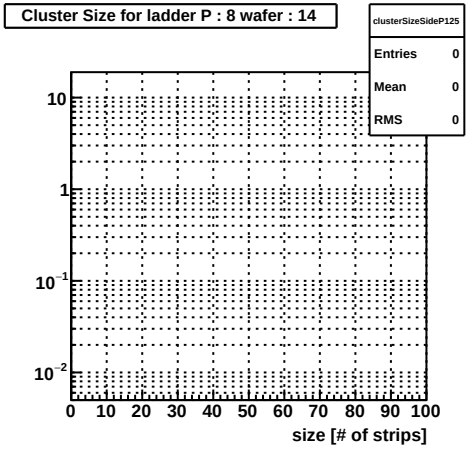

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

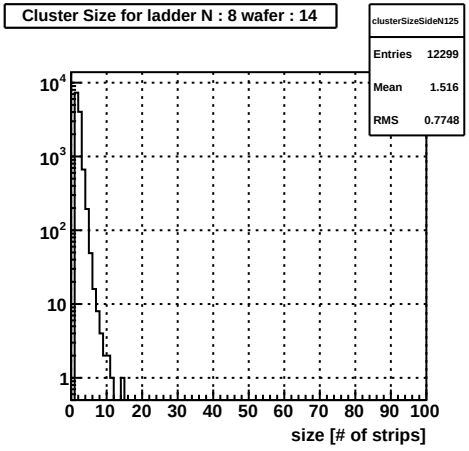

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 14088
Mean 1.524
RMS 0.7855
size [# of strips]

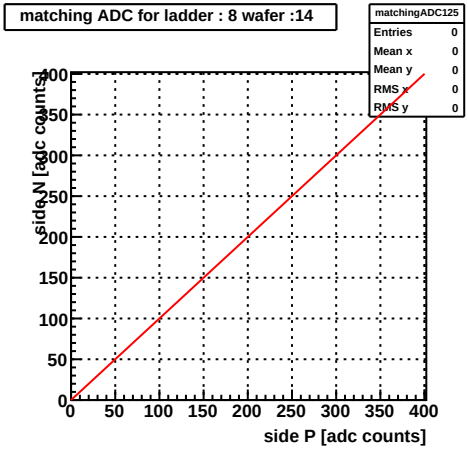

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

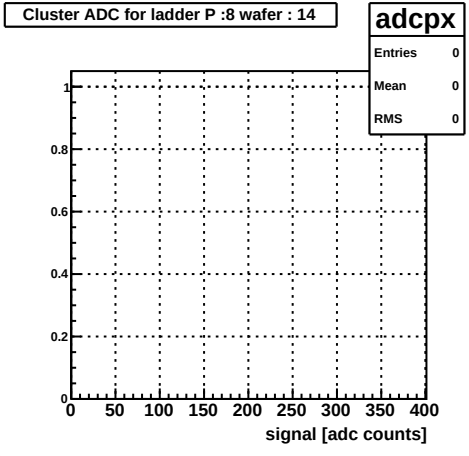

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

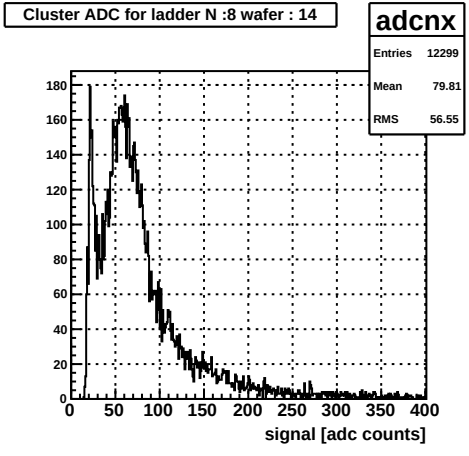

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 14088
Mean 75.74
RMS 55.93
signal [adc counts]

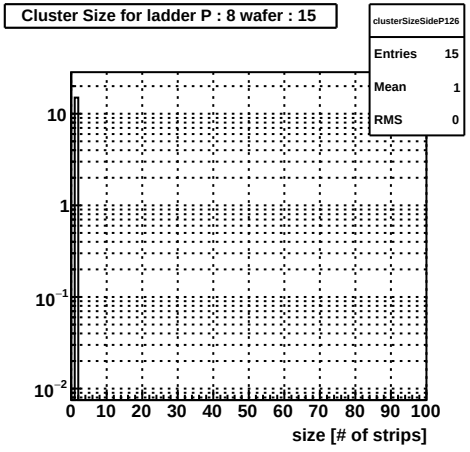

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

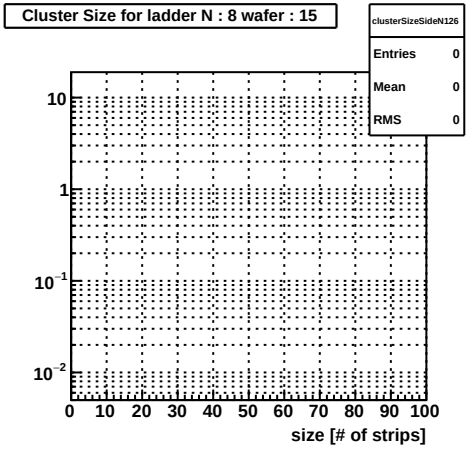

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 12299
Mean 1.516
RMS 0.7748
size [# of strips]

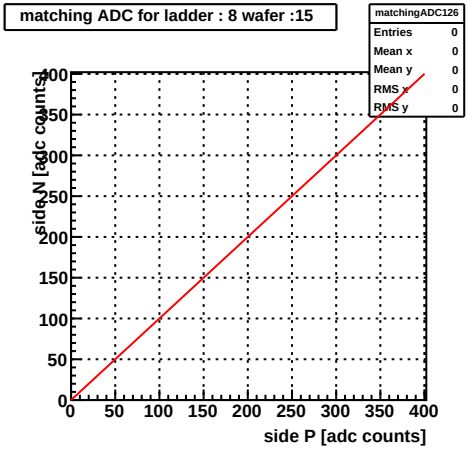

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

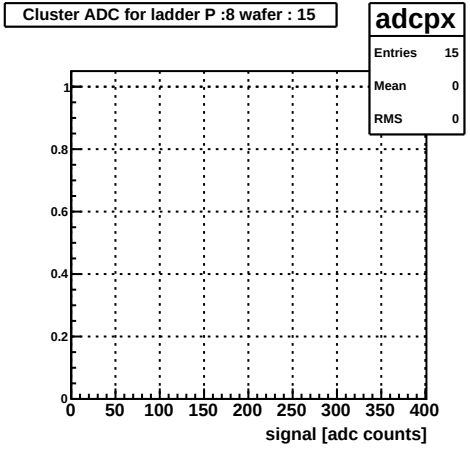

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

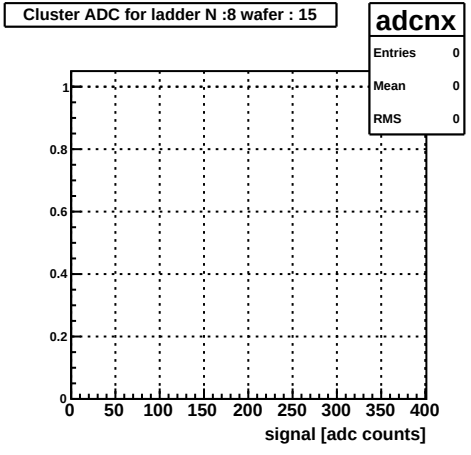

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 12299
Mean 79.81
RMS 56.55
signal [adc counts]

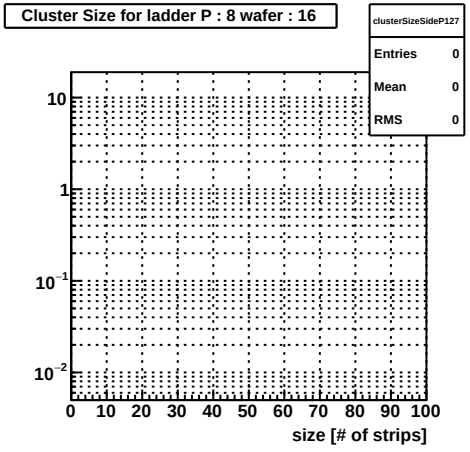

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 15
Mean 1
RMS 0
size [# of strips]

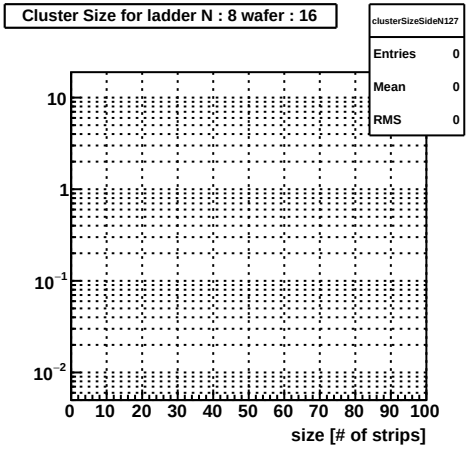

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

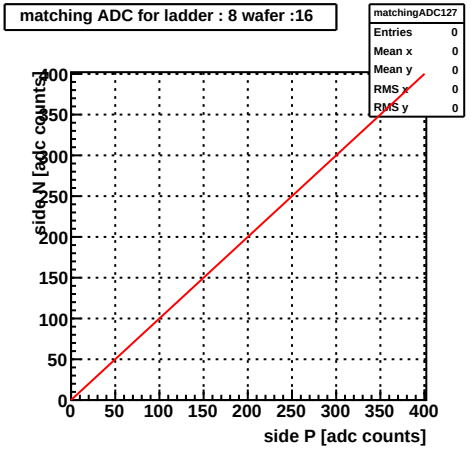

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

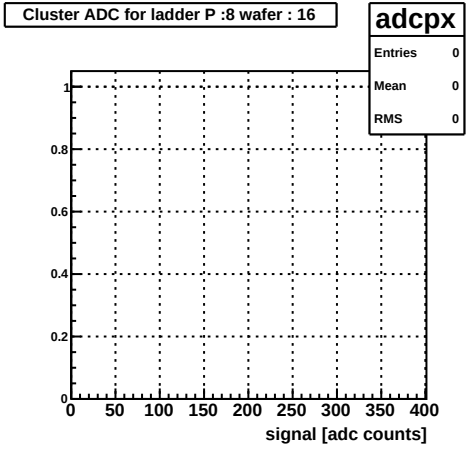

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

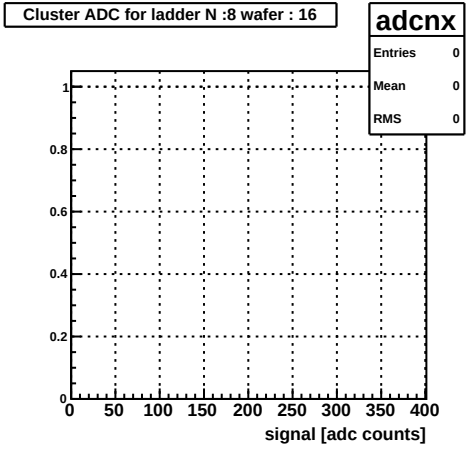

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

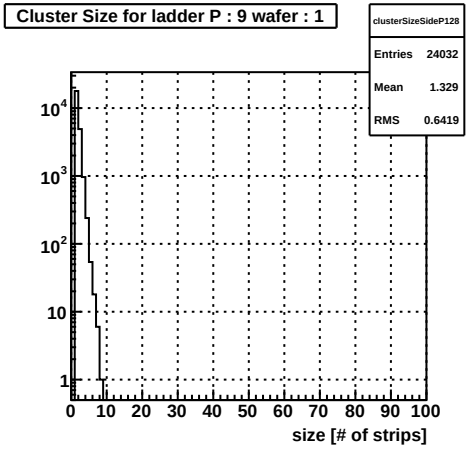

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

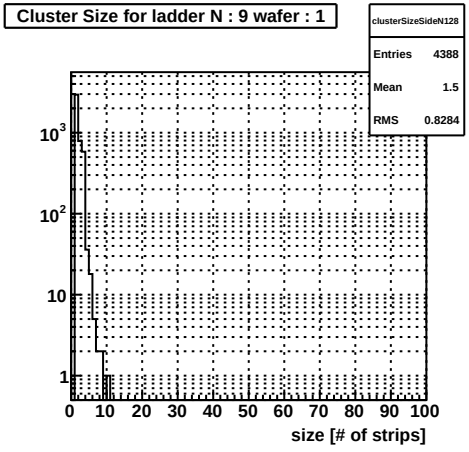

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

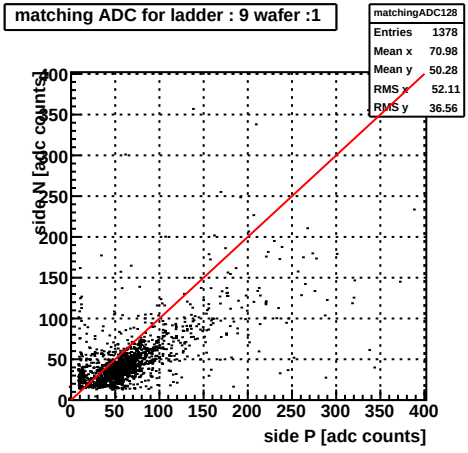

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

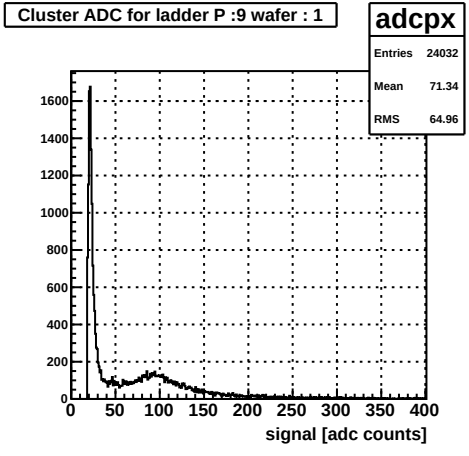

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

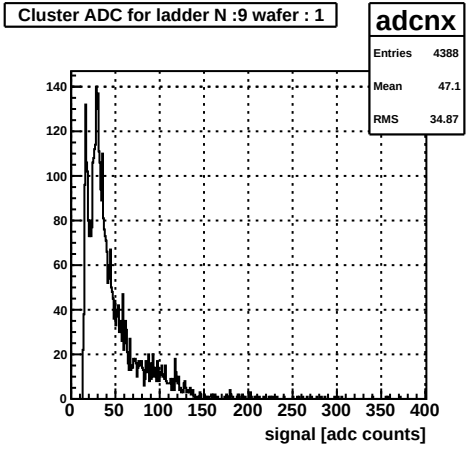

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

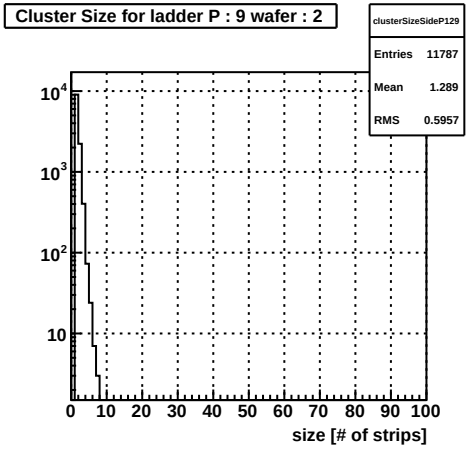

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 24032
Mean 1.329
RMS 0.6419
size [# of strips]

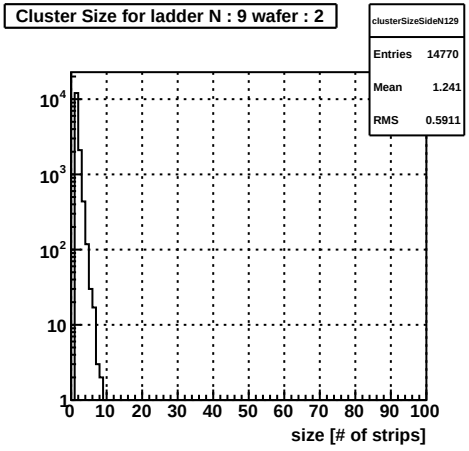

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 4388
Mean 1.5
RMS 0.8284
size [# of strips]

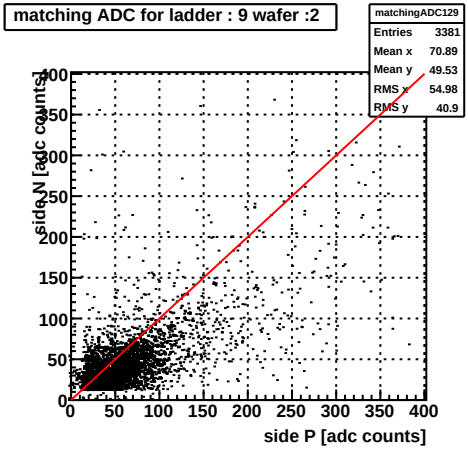

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1378
Mean x 70.98
Mean y 50.28
RMS x 52.11
RMS y 36.56
side N [adc counts]
side P [adc counts]

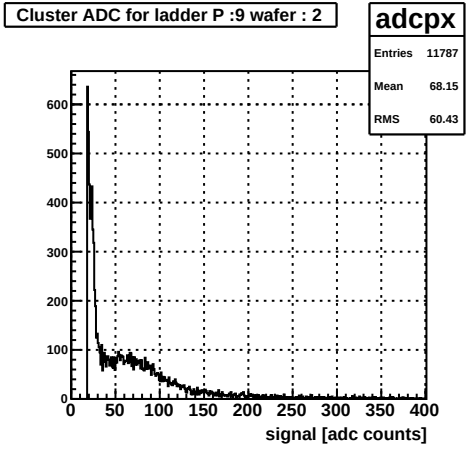

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 24032
Mean 71.34
RMS 64.96
signal [adc counts]

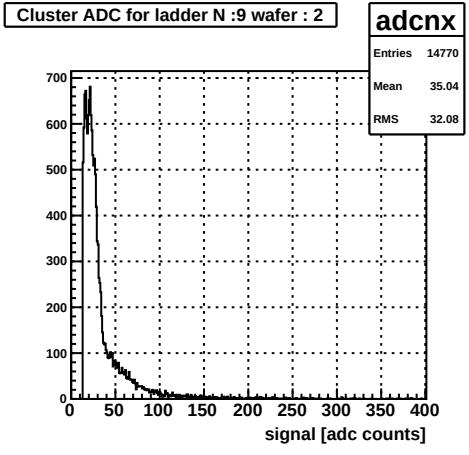

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 4388
Mean 47.1
RMS 34.87
signal [adc counts]

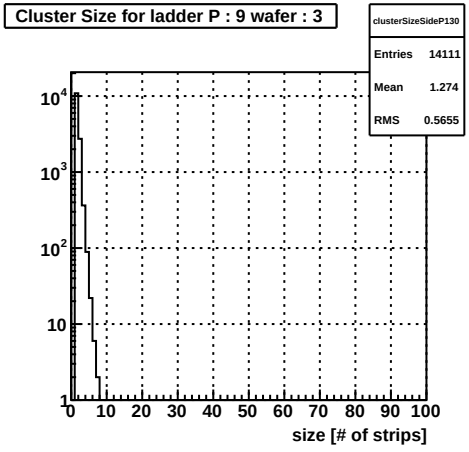

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 11787
Mean 1.289
RMS 0.5957
size [# of strips]

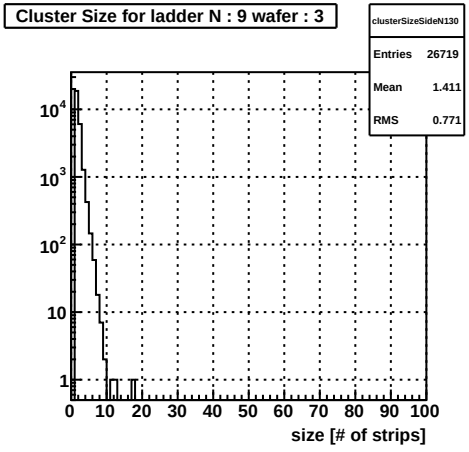

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 14770
Mean 1.241
RMS 0.5911
size [# of strips]

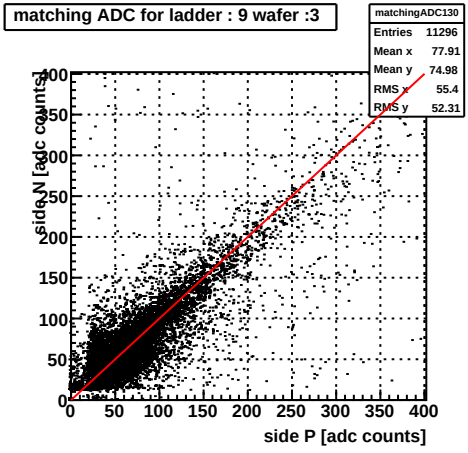

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3381
Mean x 70.89
Mean y 49.53
RMS x 54.98
RMS y 40.9
side N [adc counts]
side P [adc counts]

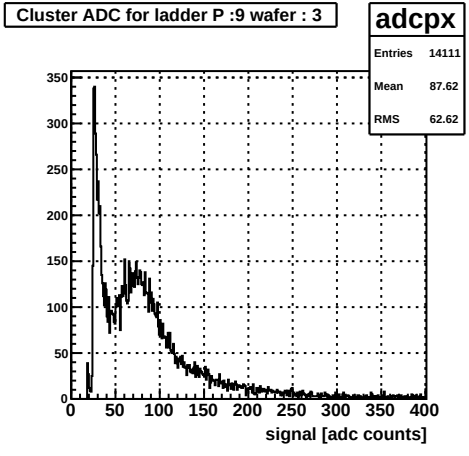

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 11787
Mean 68.15
RMS 60.43
signal [adc counts]

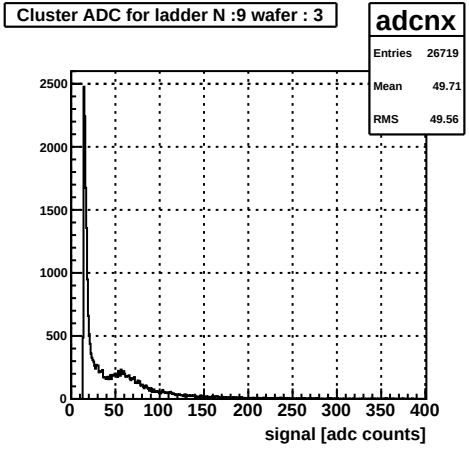

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 14770
Mean 35.04
RMS 32.08
signal [adc counts]

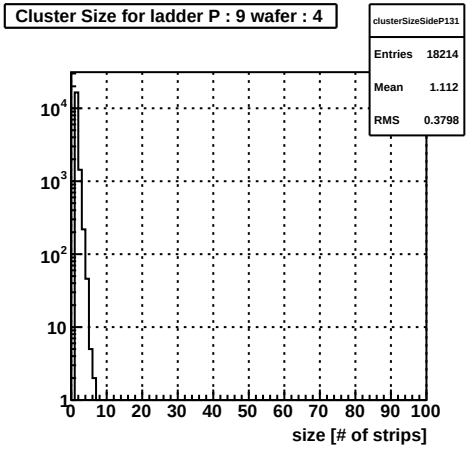

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 14111
Mean 1.274
RMS 0.5655
size [# of strips]

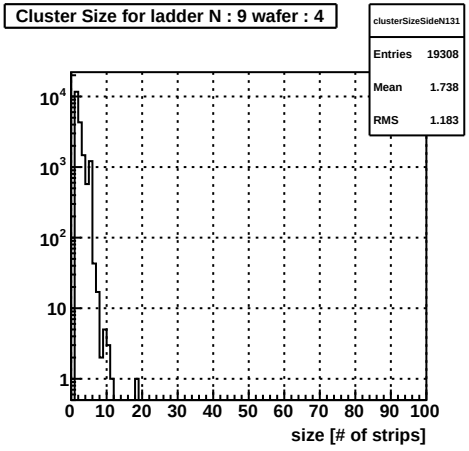

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 26719
Mean 1.411
RMS 0.771
size [# of strips]

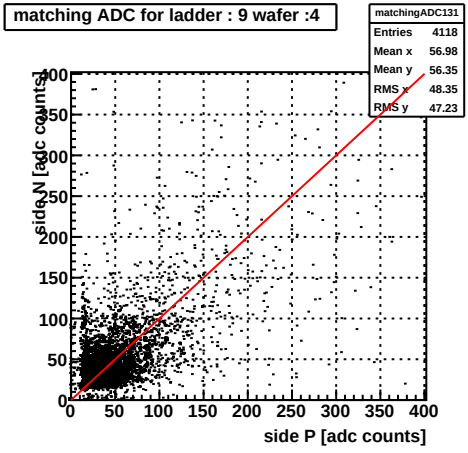

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 11296
Mean x 77.91
Mean y 74.98
RMS x 55.4
RMS y 52.31
side N [adc counts]
side P [adc counts]

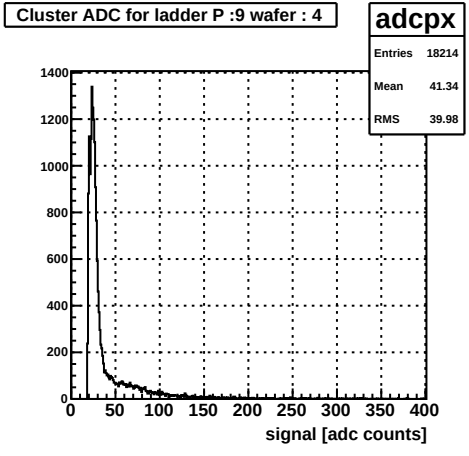

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 14111
Mean 87.62
RMS 62.62
signal [adc counts]

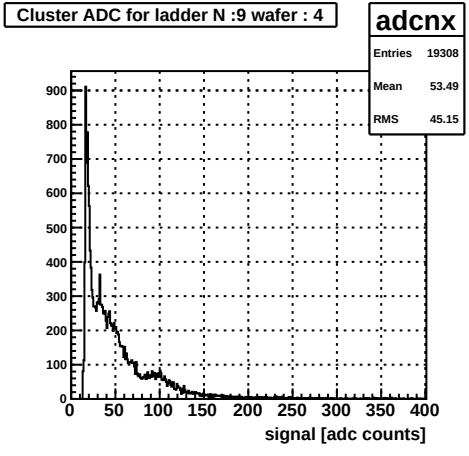

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 26719
Mean 49.71
RMS 49.56
signal [adc counts]

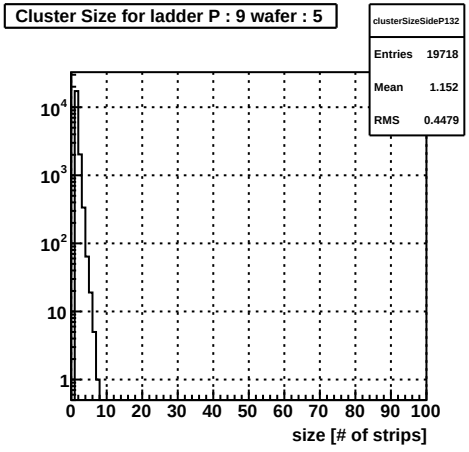

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 18214
Mean 1.112
RMS 0.3798
size [# of strips]

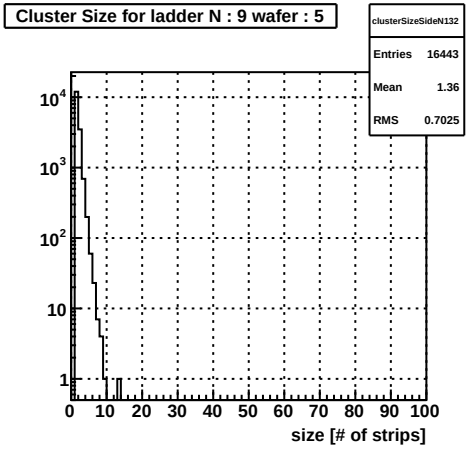

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 19308
Mean 1.738
RMS 1.183
size [# of strips]

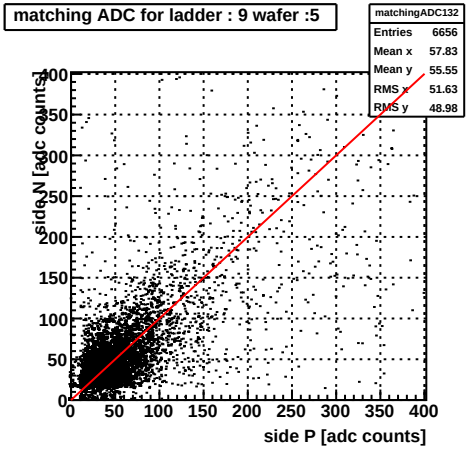

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 4118
Mean x 56.98
Mean y 56.35
RMS x 48.35
RMS y 47.23
side N [adc counts]
side P [adc counts]

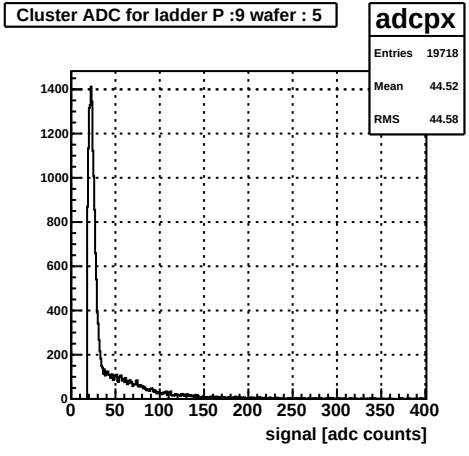

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 18214
Mean 41.34
RMS 39.98
signal [adc counts]

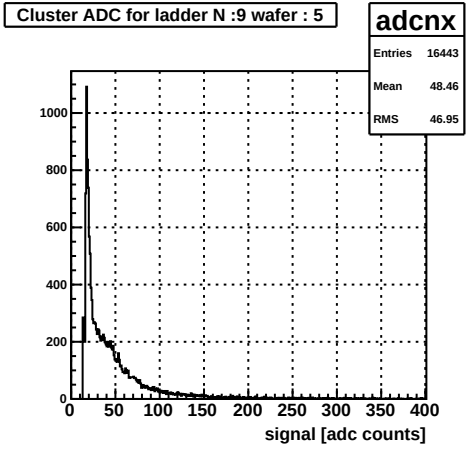

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 19308
Mean 53.49
RMS 45.15
signal [adc counts]

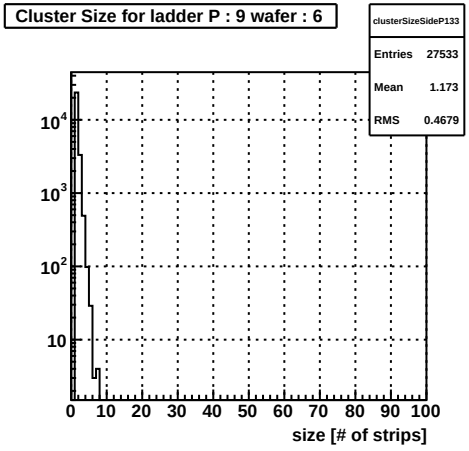

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 19718
Mean 1.152
RMS 0.4479
size [# of strips]

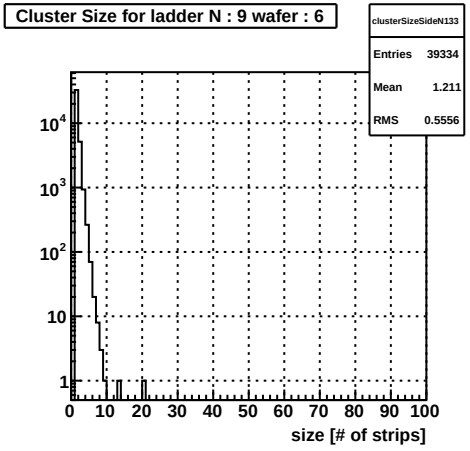

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 16443
Mean 1.36
RMS 0.7025
size [# of strips]

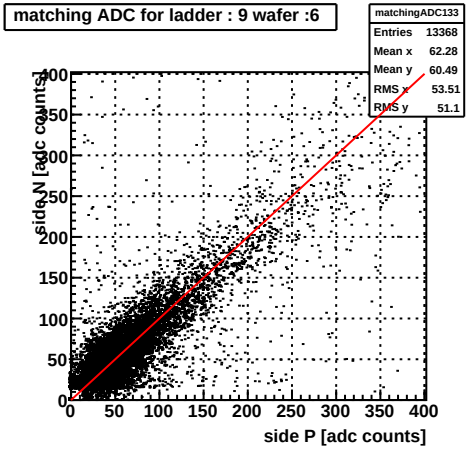

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6656
Mean x 57.83
Mean y 55.55
RMS x 51.63
RMS y 48.98
side N [adc counts]
side P [adc counts]

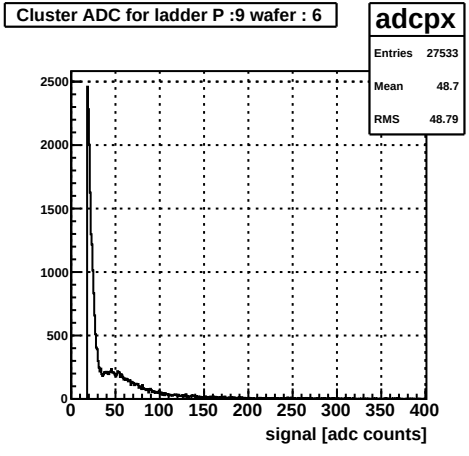

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 19718
Mean 44.52
RMS 44.58
signal [adc counts]

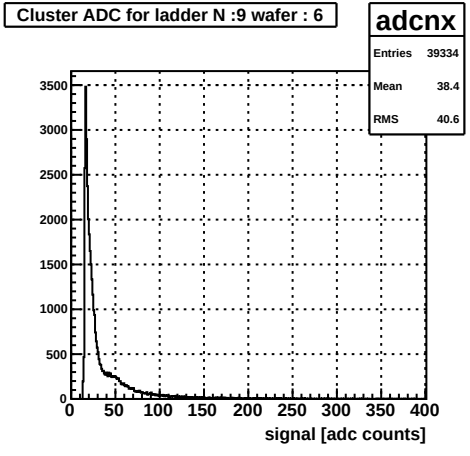

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 16443
Mean 48.46
RMS 46.95
signal [adc counts]

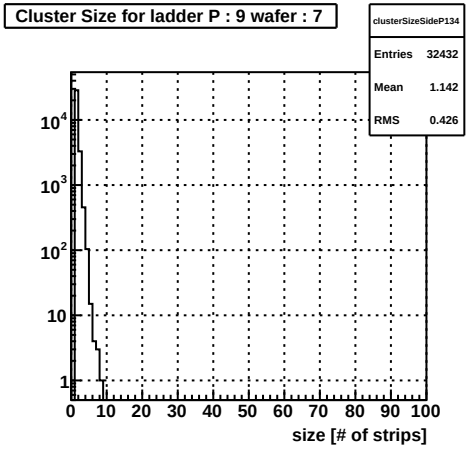

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 27533
Mean 1.173
RMS 0.4679
size [# of strips]

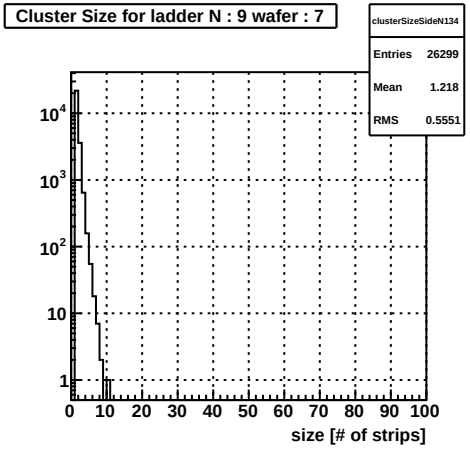

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 39334
Mean 1.211
RMS 0.5556
size [# of strips]

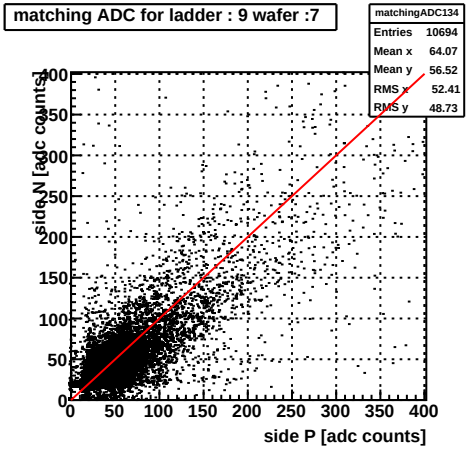

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 13368
Mean x 62.28
Mean y 60.49
RMS x 53.51
RMS y 51.1
side N [adc counts]
side P [adc counts]

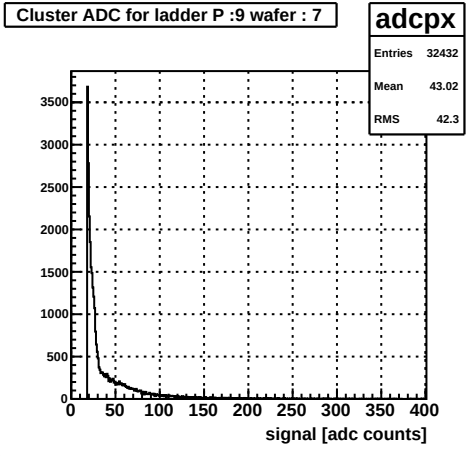

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 27533
Mean 48.7
RMS 48.79
signal [adc counts]

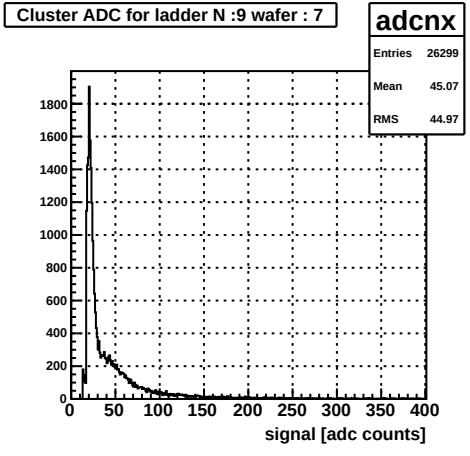

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 39334
Mean 38.4
RMS 40.6
signal [adc counts]

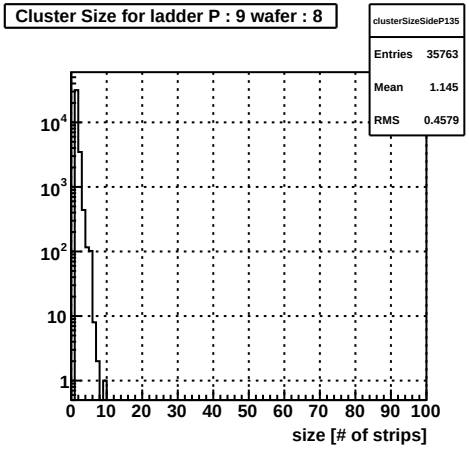

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 32432
Mean 1.142
RMS 0.426
size [# of strips]

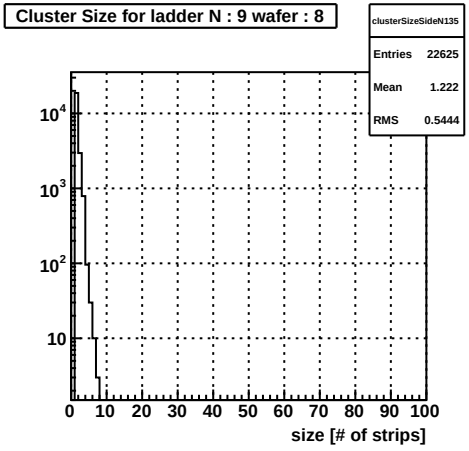

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 26299
Mean 1.218
RMS 0.5551
size [# of strips]

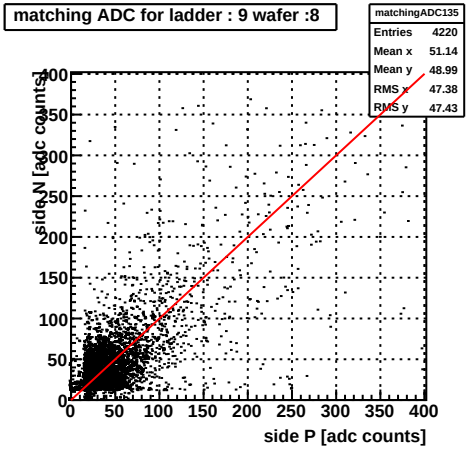

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 10694
Mean x 64.07
Mean y 56.52
RMS x 52.41
RMS y 48.73
side N [adc counts]
side P [adc counts]

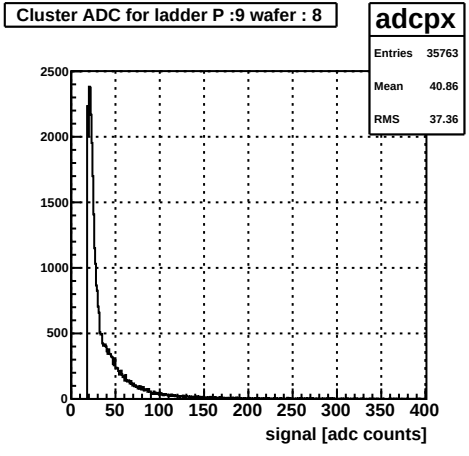

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 32432
Mean 43.02
RMS 42.3
signal [adc counts]

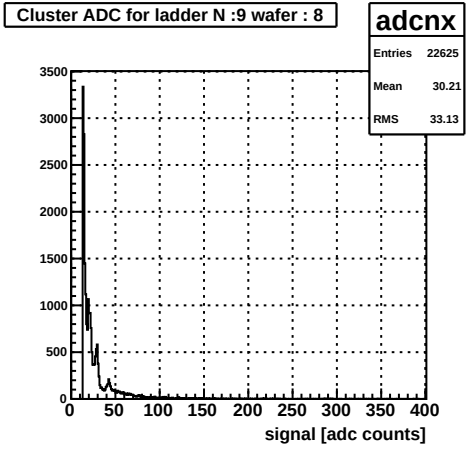

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 26299
Mean 45.07
RMS 44.97
signal [adc counts]

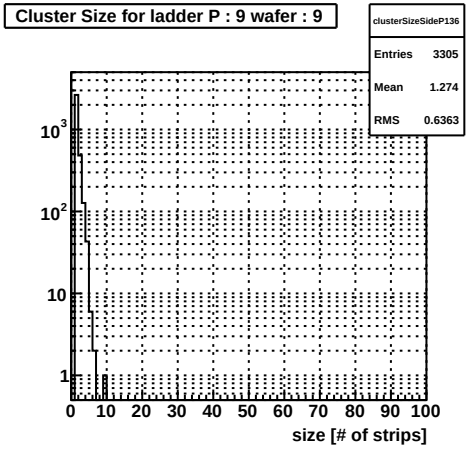

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 35763
Mean 1.145
RMS 0.4579
size [# of strips]

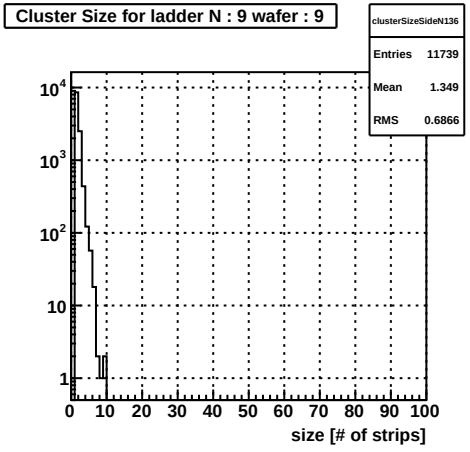

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 22625
Mean 1.222
RMS 0.5444
size [# of strips]

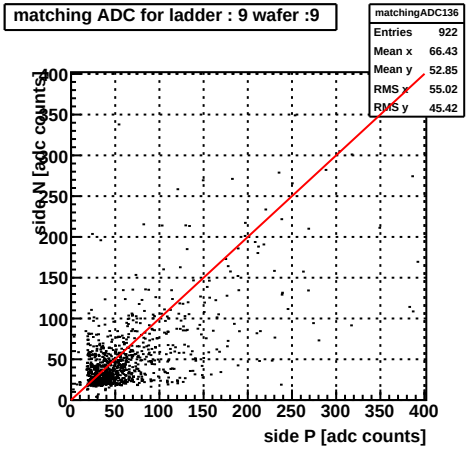

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 4220
Mean x 51.14
Mean y 48.99
RMS x 47.38
RMS y 47.43
side N [adc counts]
side P [adc counts]

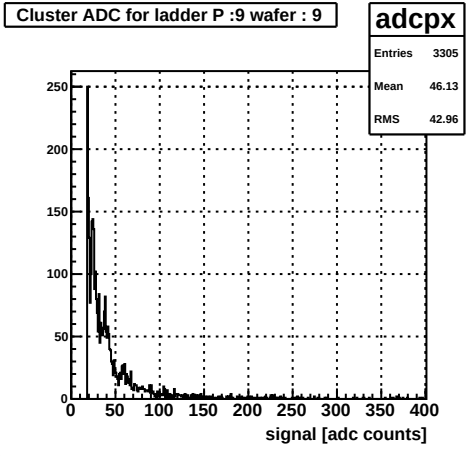

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 35763
Mean 40.86
RMS 37.36
signal [adc counts]

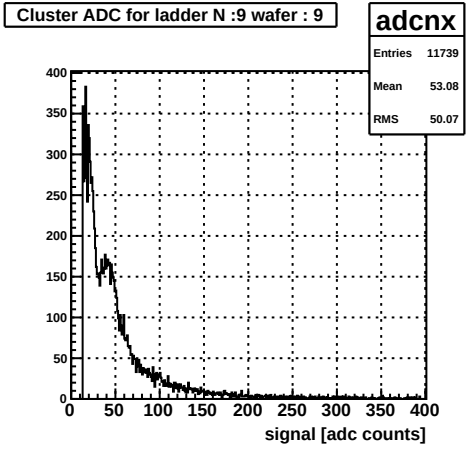

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 22625
Mean 30.21
RMS 33.13
signal [adc counts]

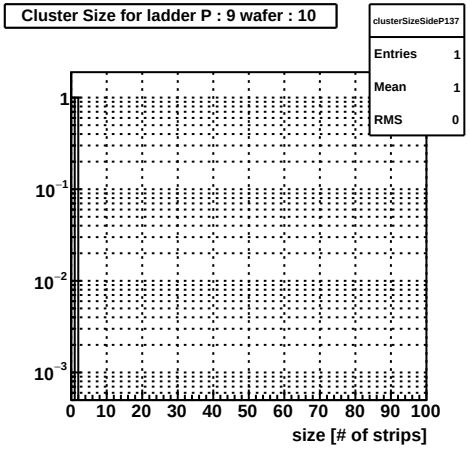

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 3305
Mean 1.274
RMS 0.6363
size [# of strips]

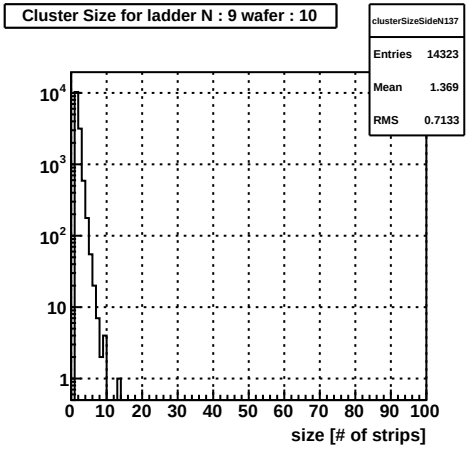

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 11739
Mean 1.349
RMS 0.6866
size [# of strips]

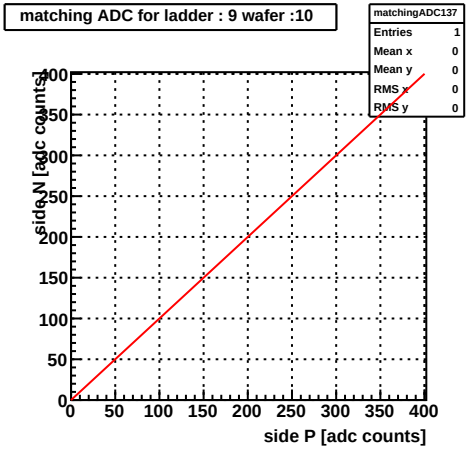

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 922
Mean x 66.43
Mean y 52.85
RMS x 55.02
RMS y 45.42
side N [adc counts]
side P [adc counts]

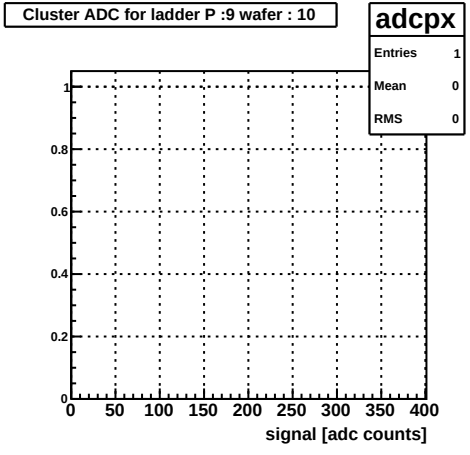

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 3305
Mean 46.13
RMS 42.96
signal [adc counts]

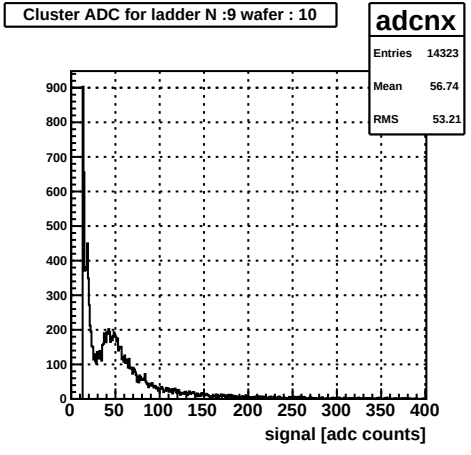

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 11739
Mean 53.08
RMS 50.07
signal [adc counts]

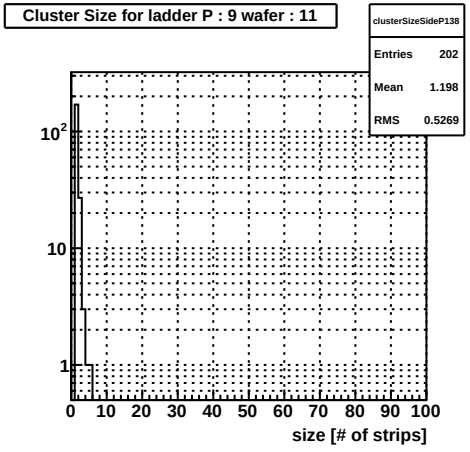

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

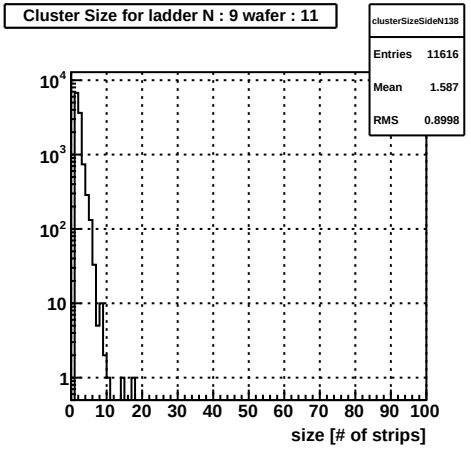

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 14323
Mean 1.369
RMS 0.7133
size [# of strips]

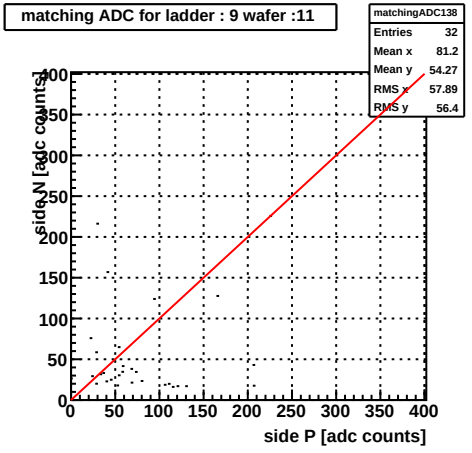

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

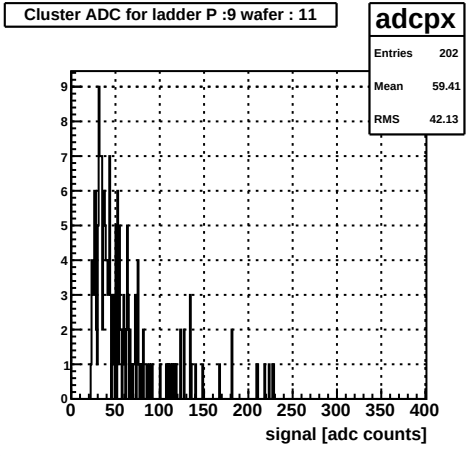

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

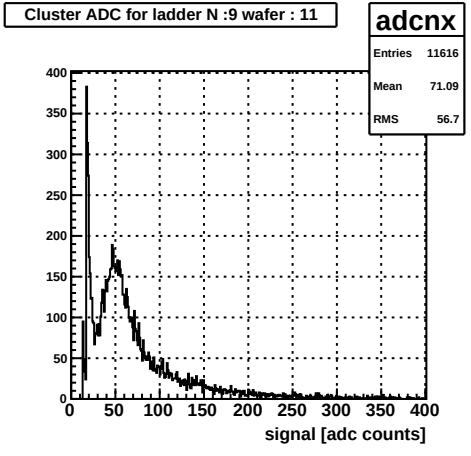

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 14323
Mean 56.74
RMS 53.21
signal [adc counts]

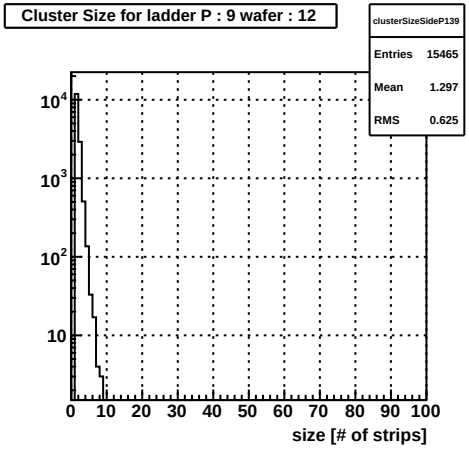

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 202
Mean 1.198
RMS 0.5269
size [# of strips]

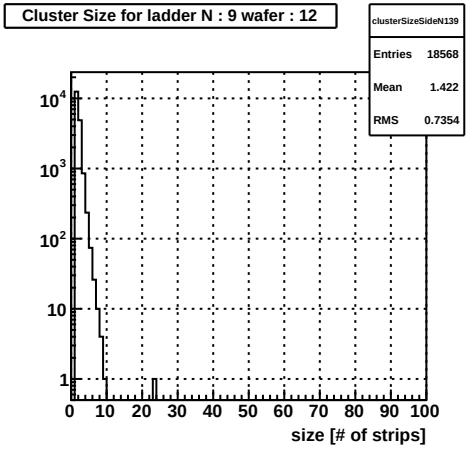

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11616
Mean 1.587
RMS 0.8998
size [# of strips]

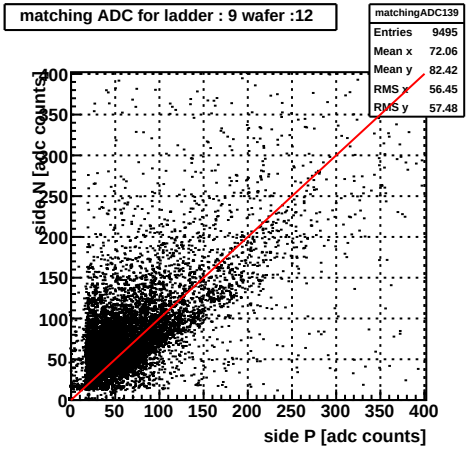

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 32
Mean x 81.2
Mean y 54.27
RMS x 57.89
RMS y 56.4
side N [adc counts]
side P [adc counts]

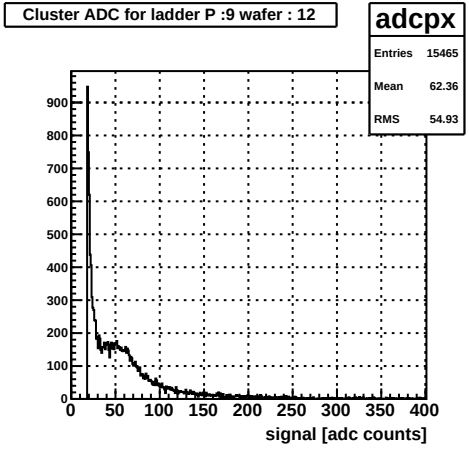

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 202
Mean 59.41
RMS 42.13
signal [adc counts]

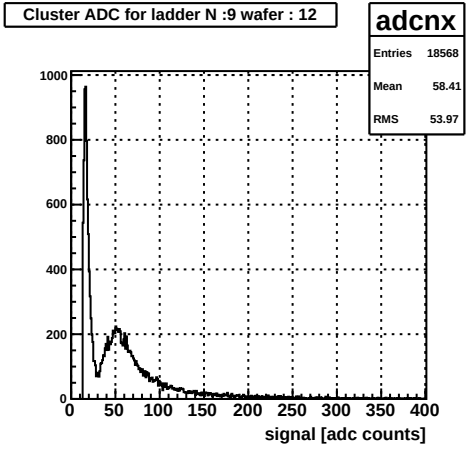

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11616
Mean 71.09
RMS 56.7
signal [adc counts]

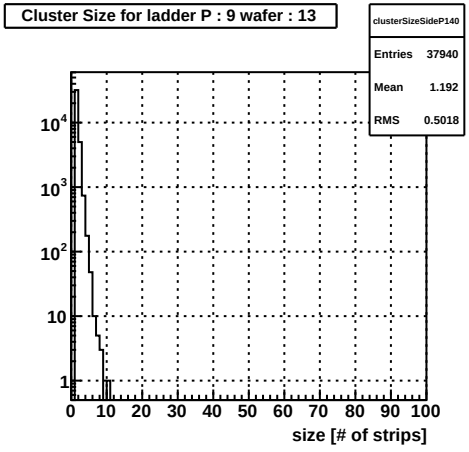

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 15465
Mean 1.297
RMS 0.625
size [# of strips]

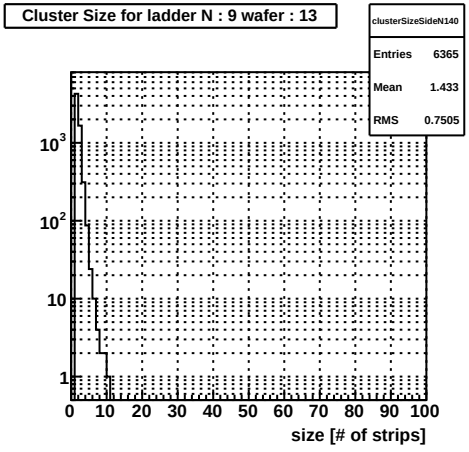

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 18568
Mean 1.422
RMS 0.7354
size [# of strips]

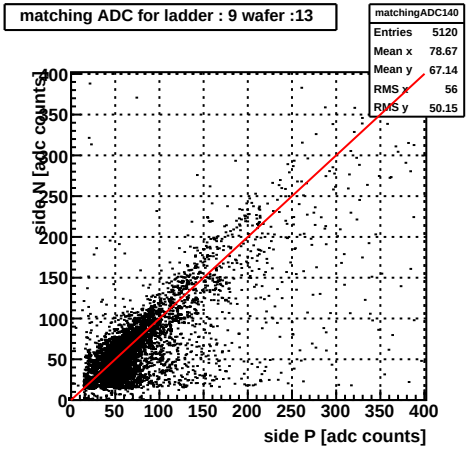

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 9495
Mean x 72.06
Mean y 82.42
RMS x 56.45
RMS y 57.48
side N [adc counts]
side P [adc counts]

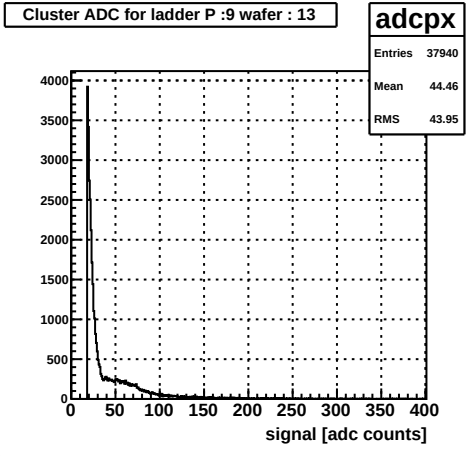

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 15465
Mean 62.36
RMS 54.93
signal [adc counts]

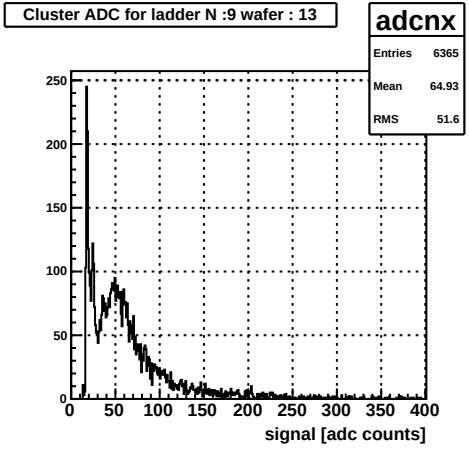

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 18568
Mean 58.41
RMS 53.97
signal [adc counts]

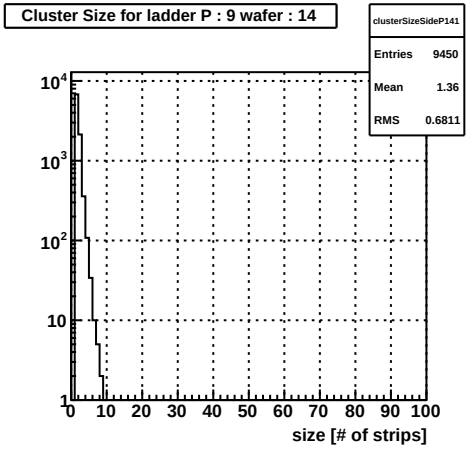

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 37940
Mean 1.192
RMS 0.5018
size [# of strips]

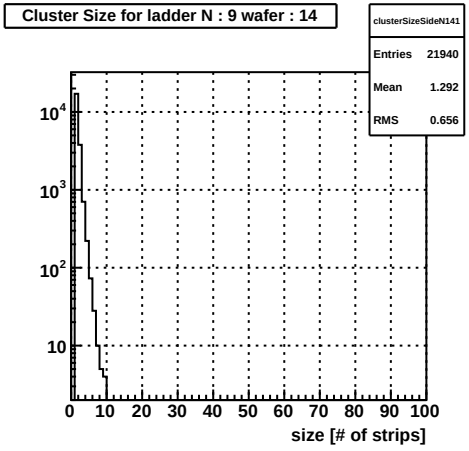

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6365
Mean 1.433
RMS 0.7505
size [# of strips]

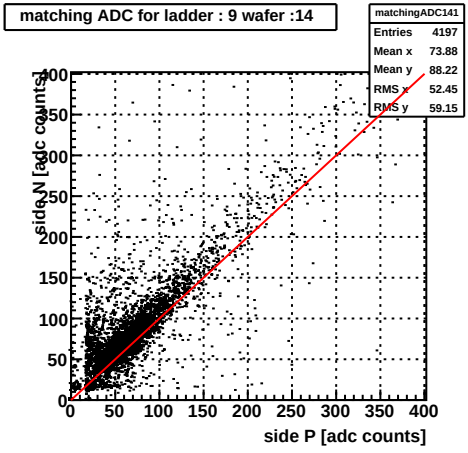

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 5120
Mean x 78.67
Mean y 67.14
RMS x 56
RMS y 50.15
side N [adc counts]
side P [adc counts]

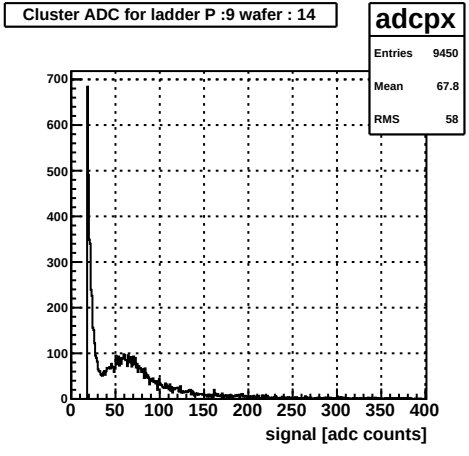

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 37940
Mean 44.46
RMS 43.95
signal [adc counts]

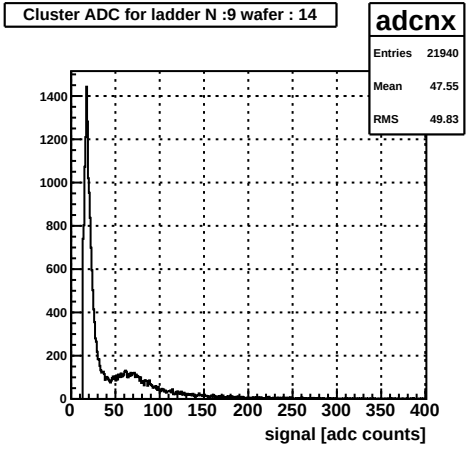

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6365
Mean 64.93
RMS 51.6
signal [adc counts]

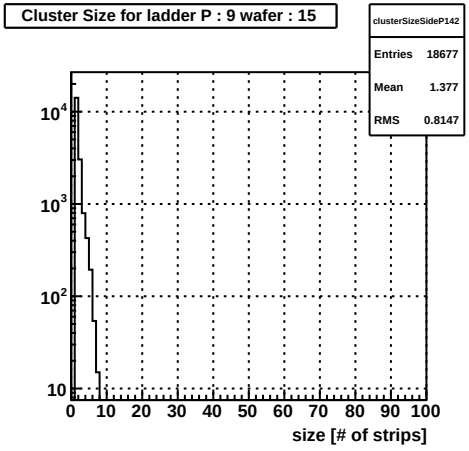

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 9450
Mean 1.36
RMS 0.6811
size [# of strips]

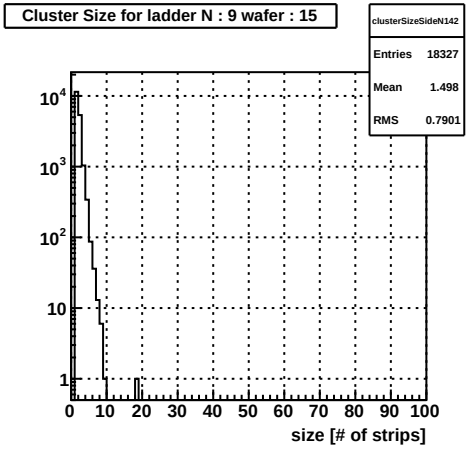

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 21940
Mean 1.292
RMS 0.656
size [# of strips]

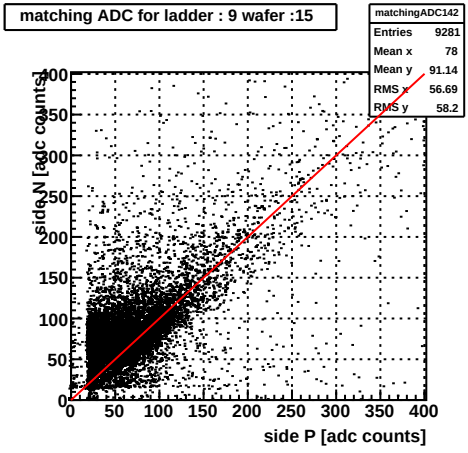

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 4197
Mean x 73.88
Mean y 88.22
RMS x 52.45
RMS y 59.15
side N [adc counts]
side P [adc counts]

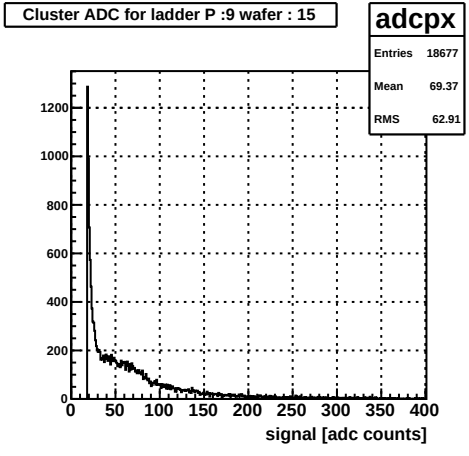

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 9450
Mean 67.8
RMS 58
signal [adc counts]

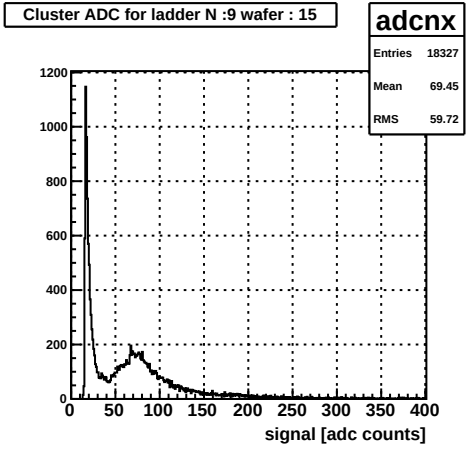

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 21940
Mean 47.55
RMS 49.83
signal [adc counts]

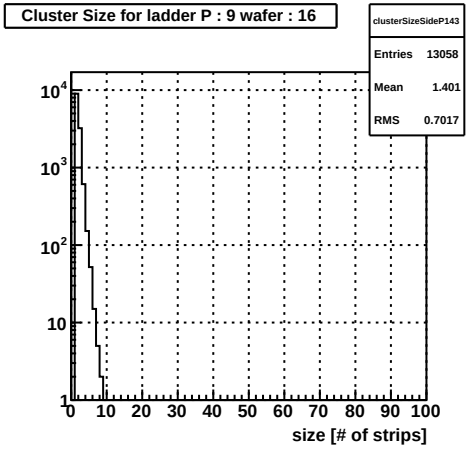

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 18677
Mean 1.377
RMS 0.8147
size [# of strips]

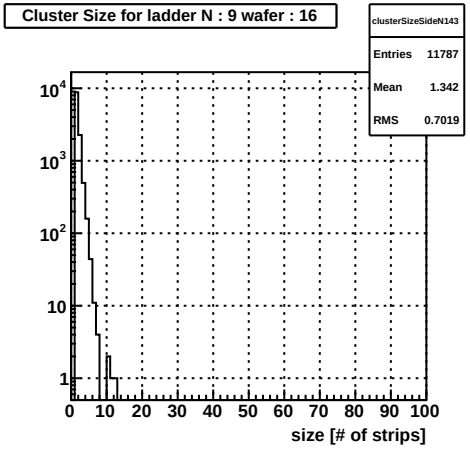

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 18327
Mean 1.498
RMS 0.7901
size [# of strips]

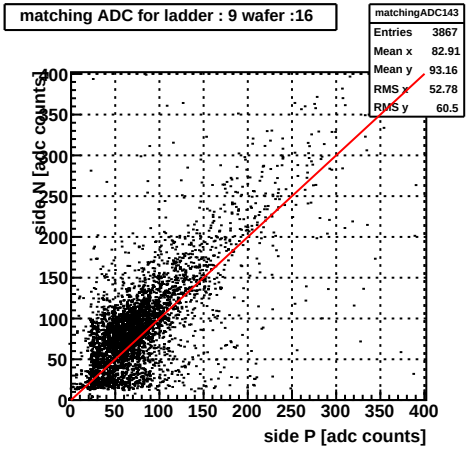

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 9281
Mean x 78
Mean y 91.14
RMS x 56.69
RMS y 58.2
side N [adc counts]
side P [adc counts]

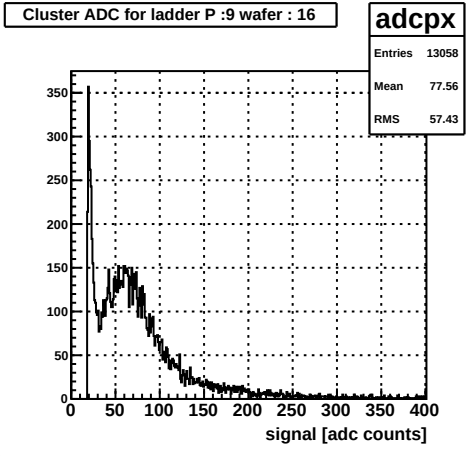

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 18677
Mean 69.37
RMS 62.91
signal [adc counts]

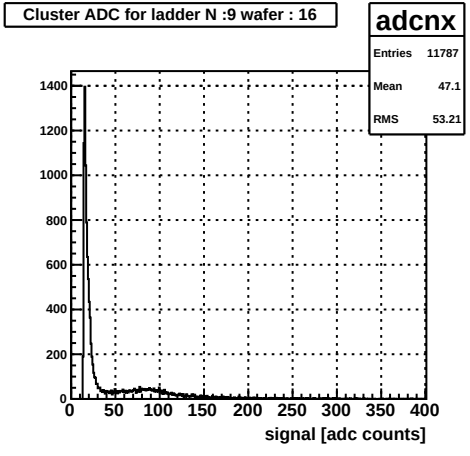

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 18327
Mean 69.45
RMS 59.72
signal [adc counts]

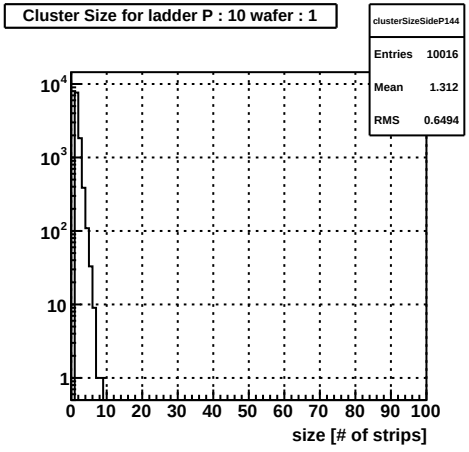

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 13058
Mean 1.401
RMS 0.7017
size [# of strips]

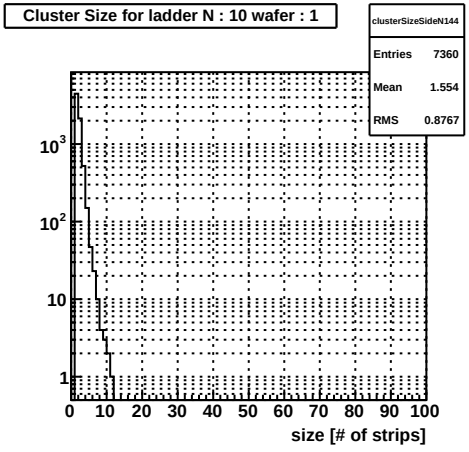

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 11787
Mean 1.342
RMS 0.7019
size [# of strips]

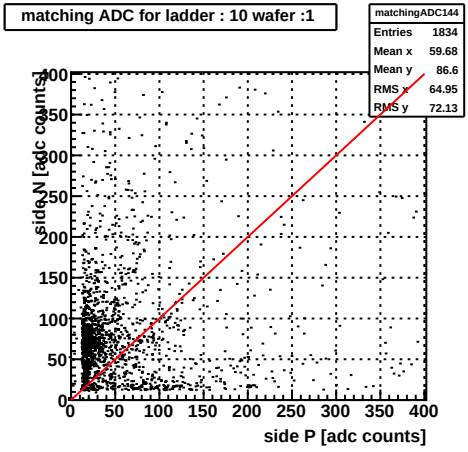

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3867
Mean x 82.91
Mean y 93.16
RMS x 52.78
RMS y 60.5
side N [adc counts]
side P [adc counts]

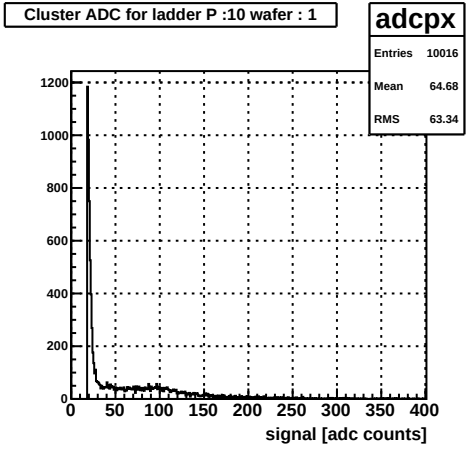

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 13058
Mean 77.56
RMS 57.43
signal [adc counts]

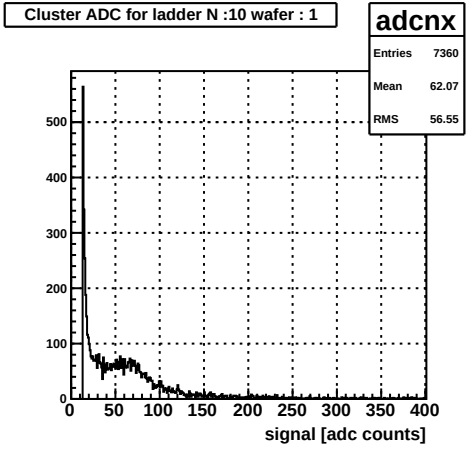

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 11787
Mean 47.1
RMS 53.21
signal [adc counts]

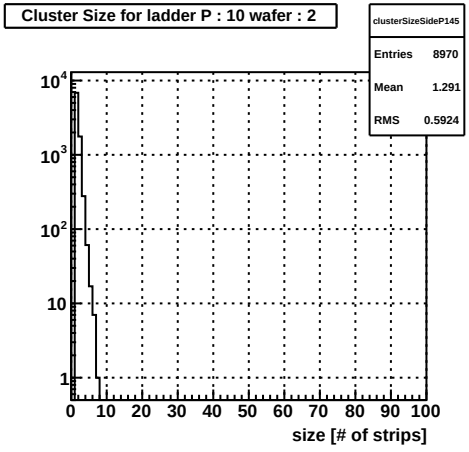

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 10016
Mean 1.312
RMS 0.6494
size [# of strips]

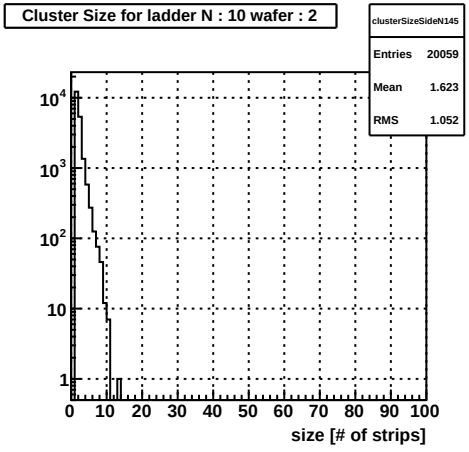

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 7360
Mean 1.554
RMS 0.8767
size [# of strips]

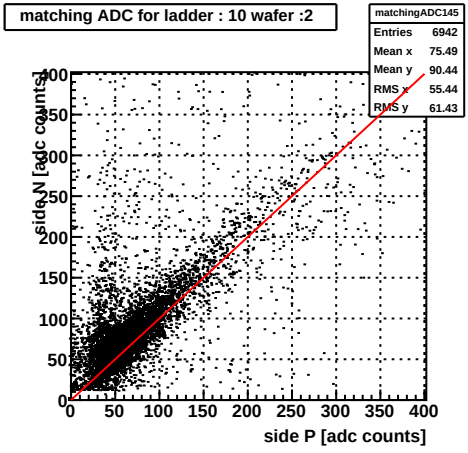

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 1834
Mean x 59.68
Mean y 86.6
RMS x 64.95
RMS y 72.13
side N [adc counts]
side P [adc counts]

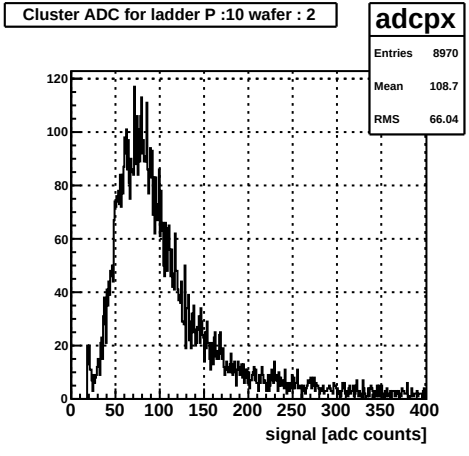

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 10016
Mean 64.68
RMS 63.34
signal [adc counts]

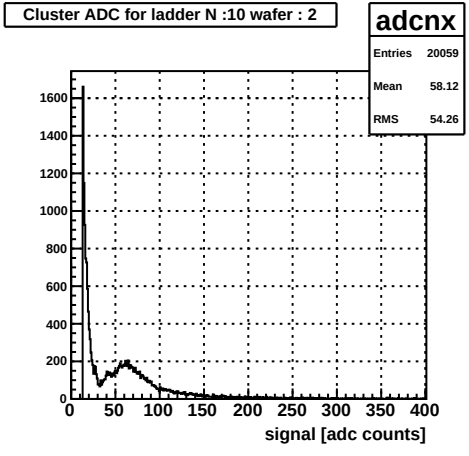

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 7360
Mean 62.07
RMS 56.55
signal [adc counts]

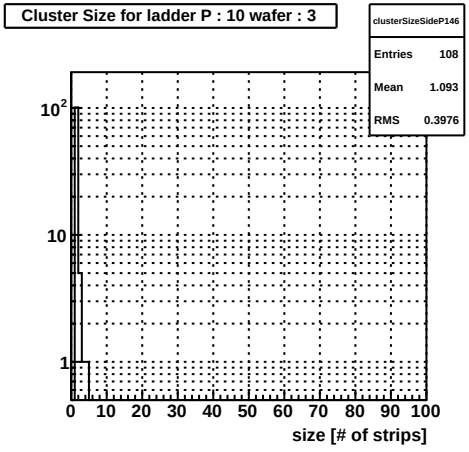

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 8970
Mean 1.291
RMS 0.5924
size [# of strips]

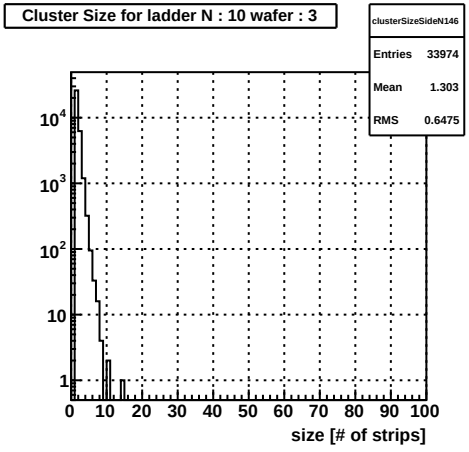

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 20059
Mean 1.623
RMS 1.052
size [# of strips]

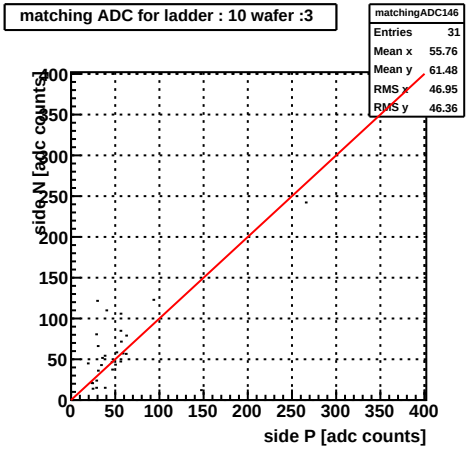

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 6942
Mean x 75.49
Mean y 90.44
RMS x 55.44
RMS y 61.43
side N [adc counts]
side P [adc counts]

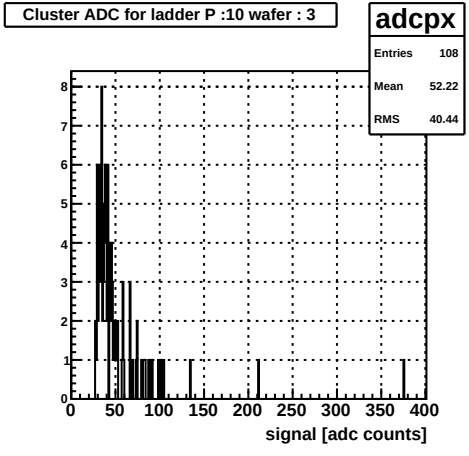

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 8970
Mean 108.7
RMS 66.04
signal [adc counts]

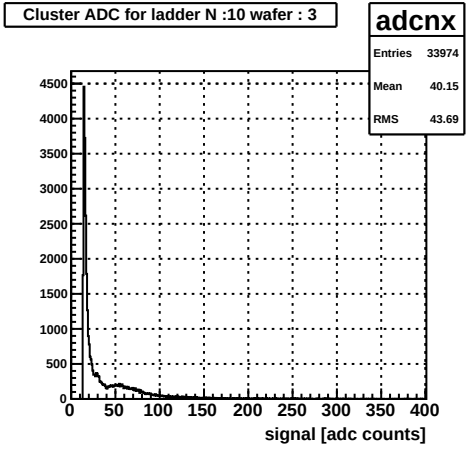

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 20059
Mean 58.12
RMS 54.26
signal [adc counts]

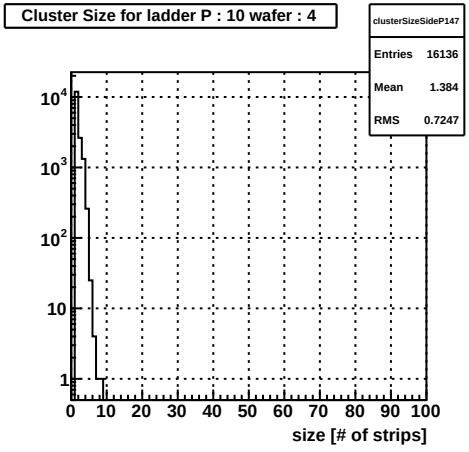

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 108
Mean 1.093
RMS 0.3976
size [# of strips]

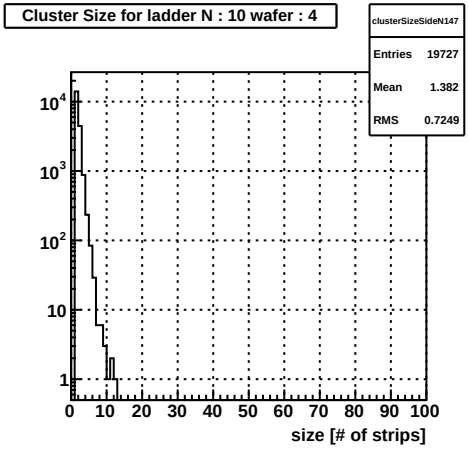

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 33974
Mean 1.303
RMS 0.6475
size [# of strips]

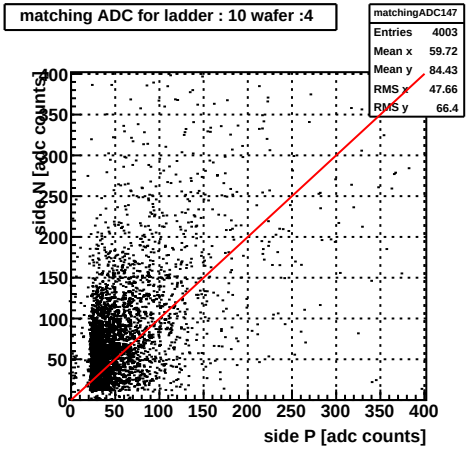

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 31
Mean x 55.76
Mean y 61.48
RMS x 46.95
RMS y 46.36
side N [adc counts]
side P [adc counts]

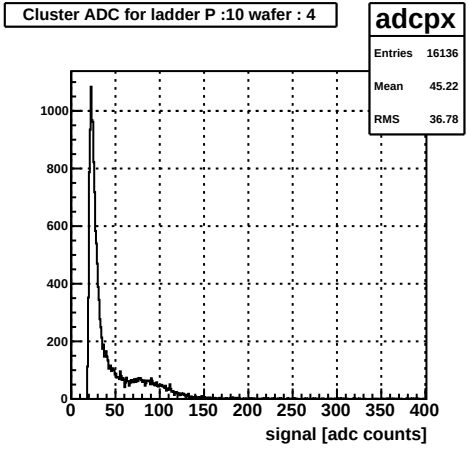

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 108
Mean 52.22
RMS 40.44
signal [adc counts]

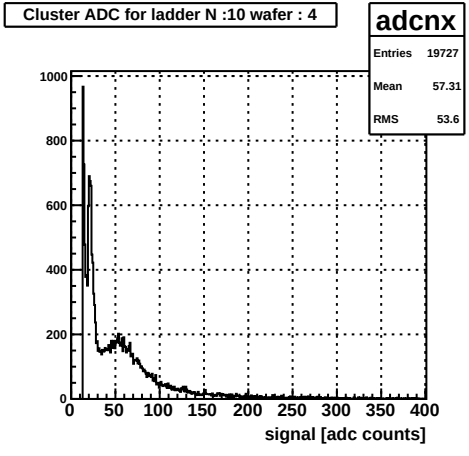

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 33974
Mean 40.15
RMS 43.69
signal [adc counts]

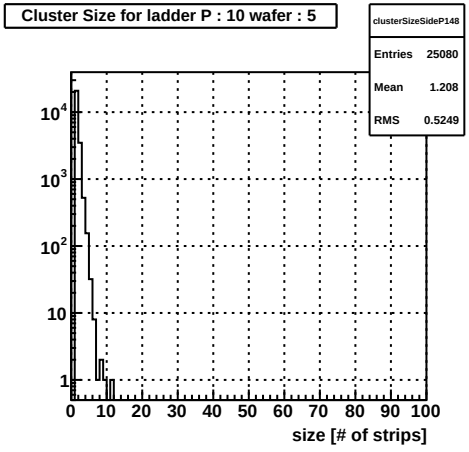

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 16136
Mean 1.384
RMS 0.7247
size [# of strips]

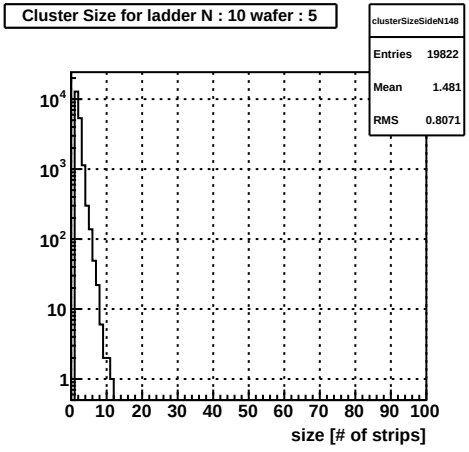

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 19727
Mean 1.382
RMS 0.7249
size [# of strips]

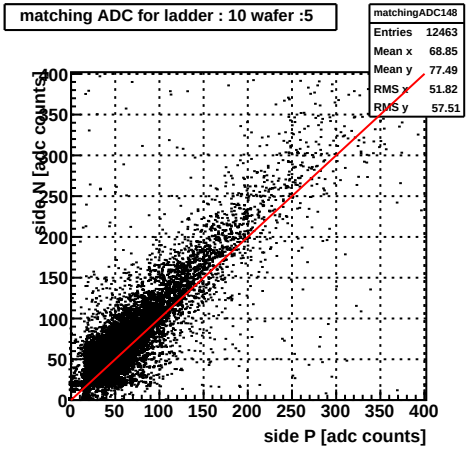

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4003
Mean x 59.72
Mean y 84.43
RMS x 47.66
RMS y 66.4
side N [adc counts]
side P [adc counts]

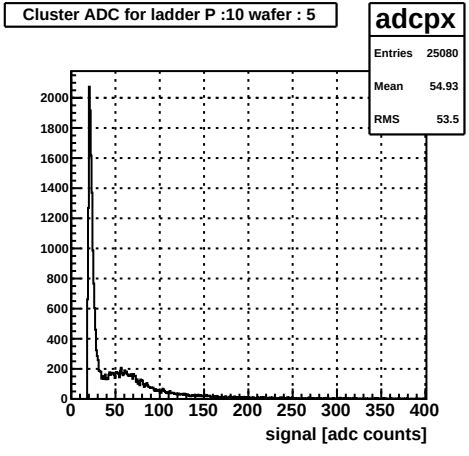

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 16136
Mean 45.22
RMS 36.78
signal [adc counts]

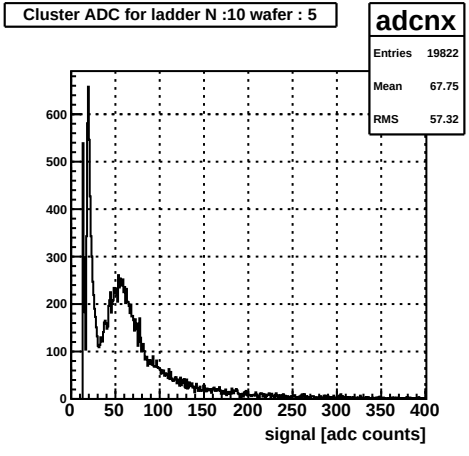

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 19727
Mean 57.31
RMS 53.6
signal [adc counts]

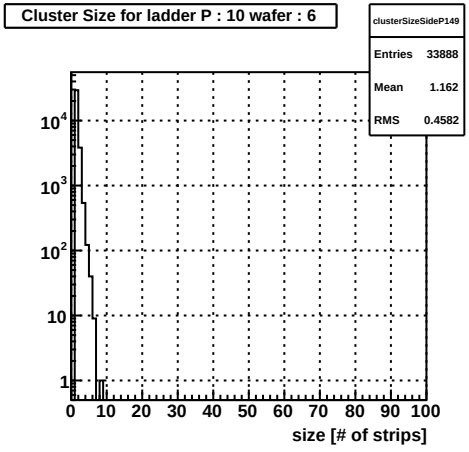

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 25080
Mean 1.208
RMS 0.5249
size [# of strips]

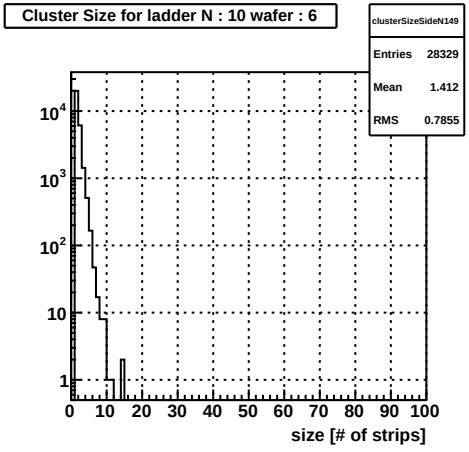

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 19822
Mean 1.481
RMS 0.8071
size [# of strips]

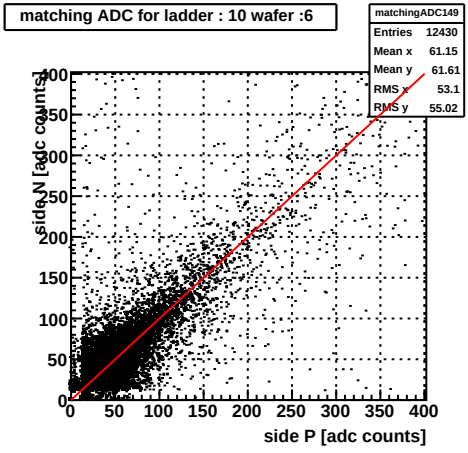

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 12463
Mean x 68.85
Mean y 77.49
RMS x 51.82
RMS y 57.51
side N [adc counts]
side P [adc counts]

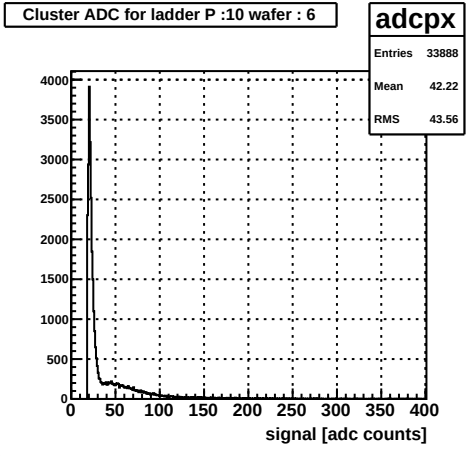

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 25080
Mean 54.93
RMS 53.5
signal [adc counts]

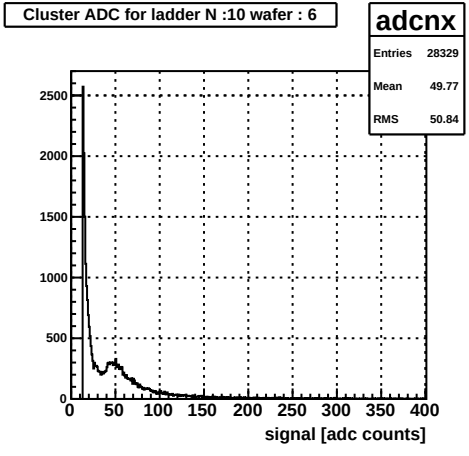

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 19822
Mean 67.75
RMS 57.32
signal [adc counts]

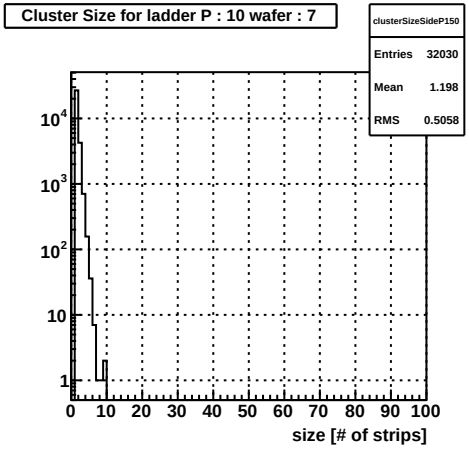

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 33888
Mean 1.162
RMS 0.4582
size [# of strips]

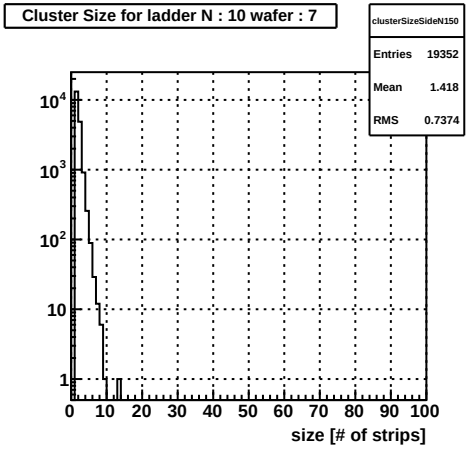

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 28329
Mean 1.412
RMS 0.7855
size [# of strips]

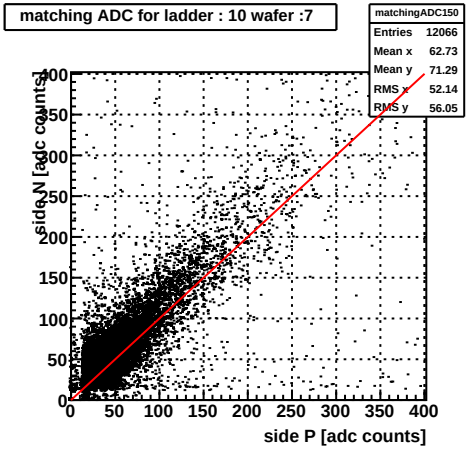

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 12430
Mean x 61.15
Mean y 61.61
RMS x 53.1
RMS y 55.02
side N [adc counts]
side P [adc counts]

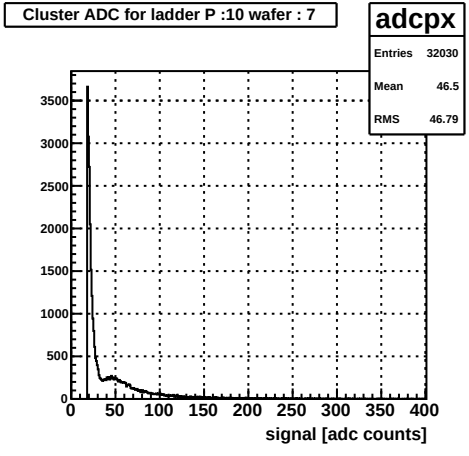

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 33888
Mean 42.22
RMS 43.56
signal [adc counts]

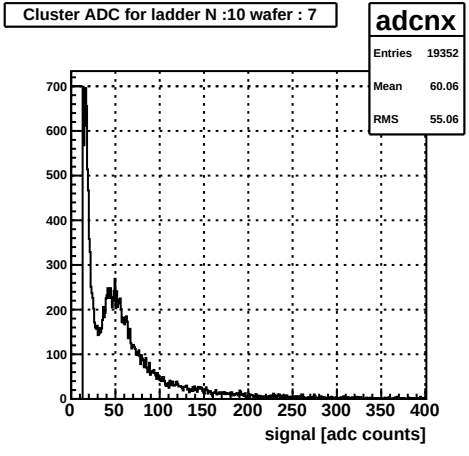

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 28329
Mean 49.77
RMS 50.84
signal [adc counts]

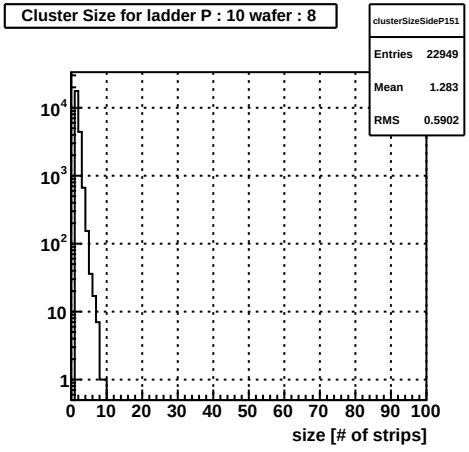

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 32030
Mean 1.198
RMS 0.5058
size [# of strips]

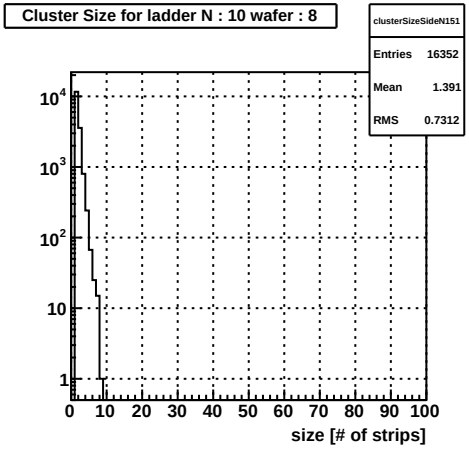

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 19352
Mean 1.418
RMS 0.7374
size [# of strips]

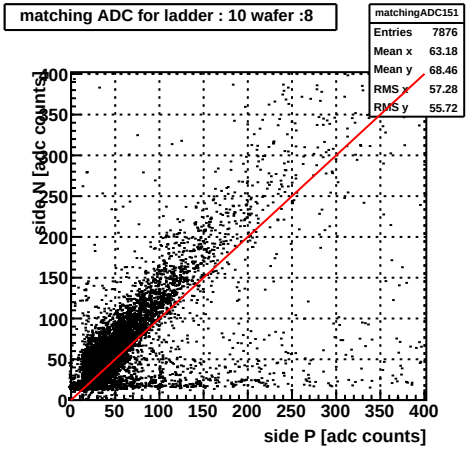

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 12066
Mean x 62.73
Mean y 71.29
RMS x 52.14
RMS y 56.05
side N [adc counts]
side P [adc counts]

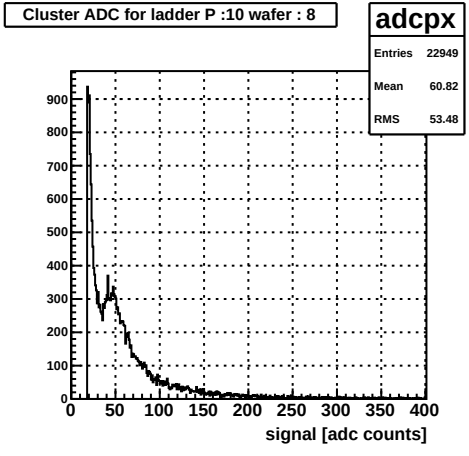

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 32030
Mean 46.5
RMS 46.79
signal [adc counts]

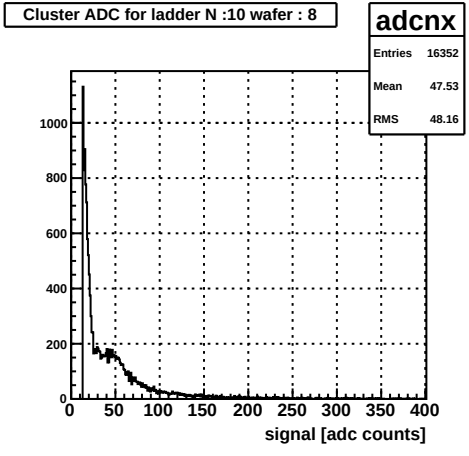

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 19352
Mean 60.06
RMS 55.06
signal [adc counts]

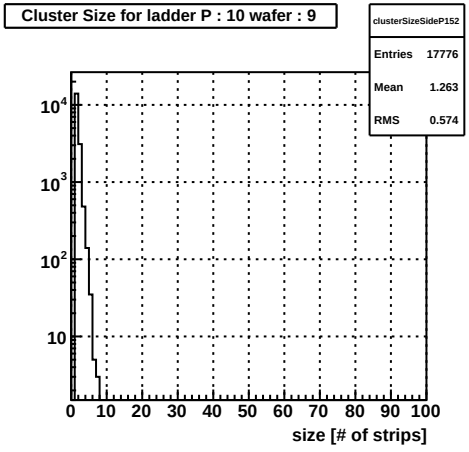

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 22949
Mean 1.283
RMS 0.5902
size [# of strips]

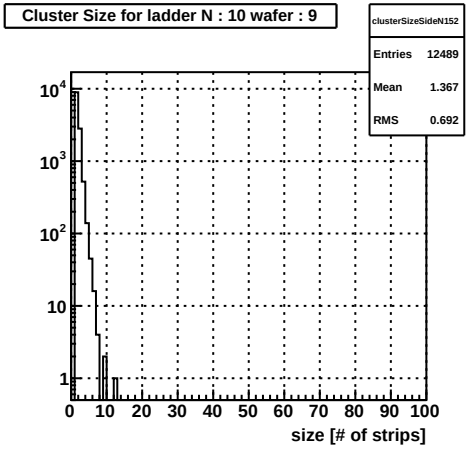

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 16352
Mean 1.391
RMS 0.7312
size [# of strips]

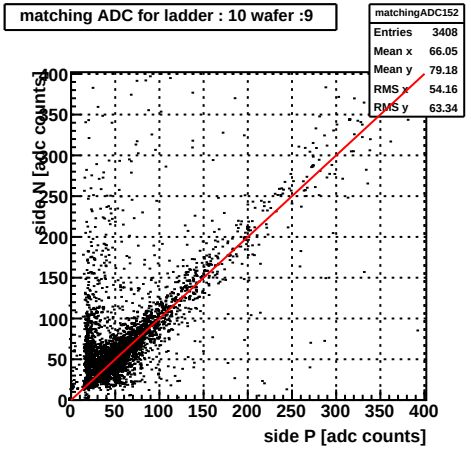

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 7876
Mean x 63.18
Mean y 68.46
RMS x 57.28
RMS y 55.72
side N [adc counts]
side P [adc counts]

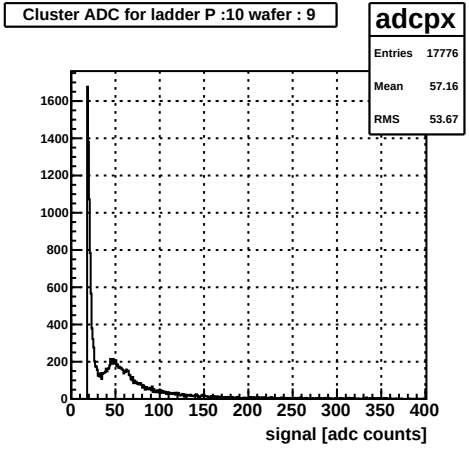

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 22949
Mean 60.82
RMS 53.48
signal [adc counts]

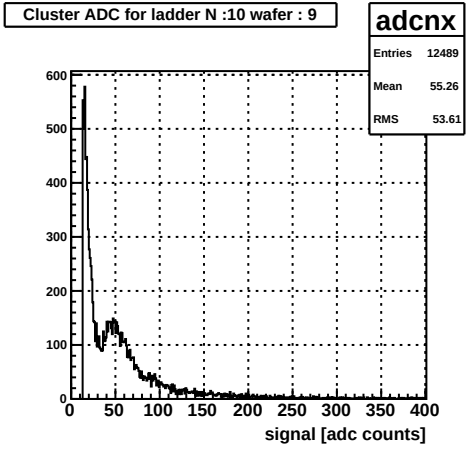

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 16352
Mean 47.53
RMS 48.16
signal [adc counts]

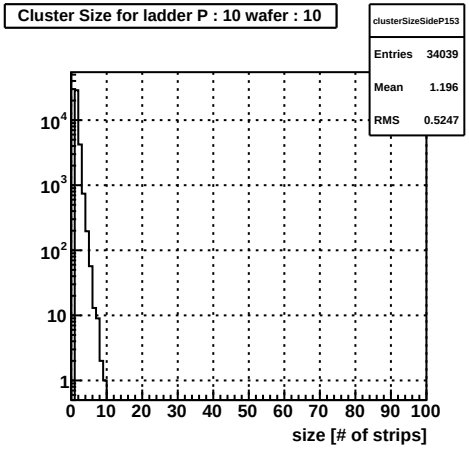

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 17776
Mean 1.263
RMS 0.574
size [# of strips]

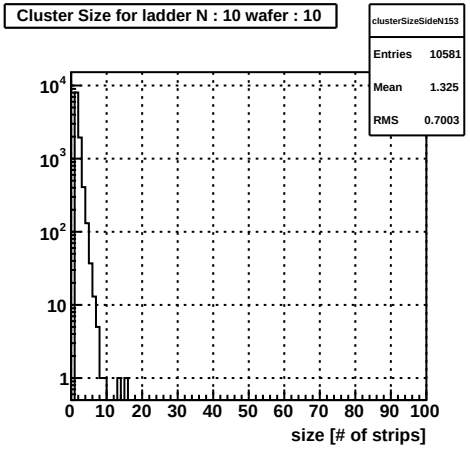

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 12489
Mean 1.367
RMS 0.692
size [# of strips]

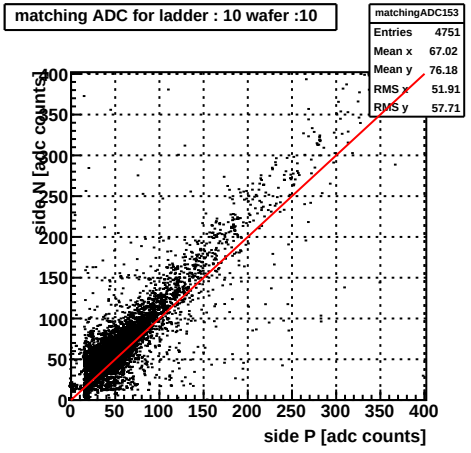

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3408
Mean x 66.05
Mean y 79.18
RMS x 54.16
RMS y 63.34
side N [adc counts]
side P [adc counts]

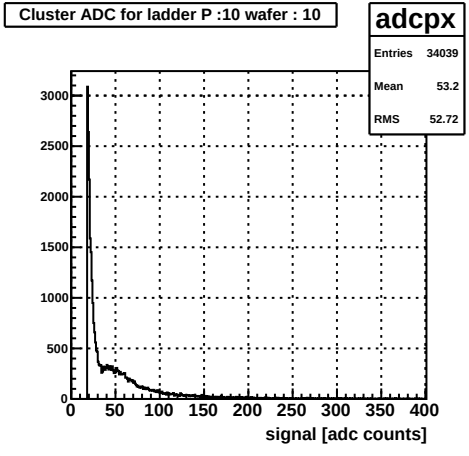

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 17776
Mean 57.16
RMS 53.67
signal [adc counts]

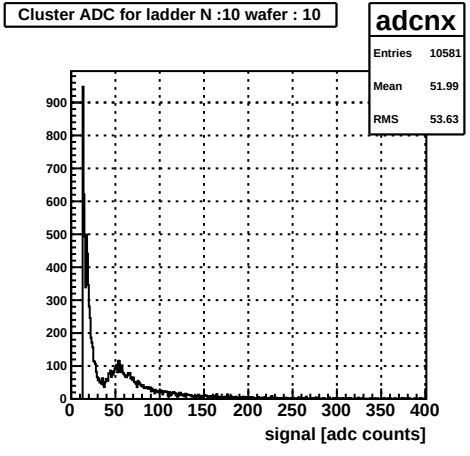

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 12489
Mean 55.26
RMS 53.61
signal [adc counts]

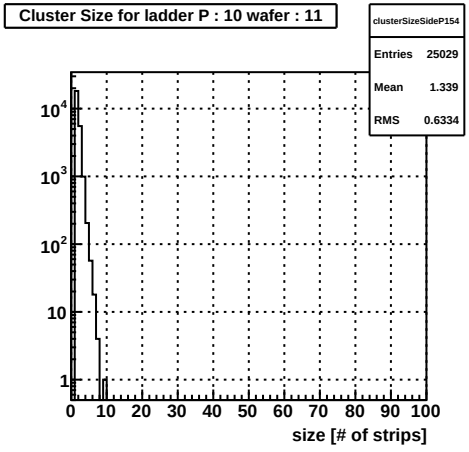

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 34039
Mean 1.196
RMS 0.5247
size [# of strips]

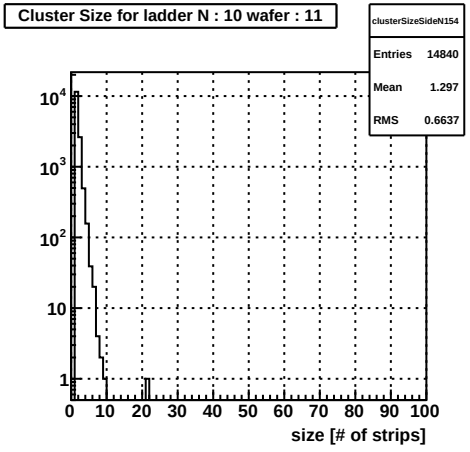

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 10581
Mean 1.325
RMS 0.7003
size [# of strips]

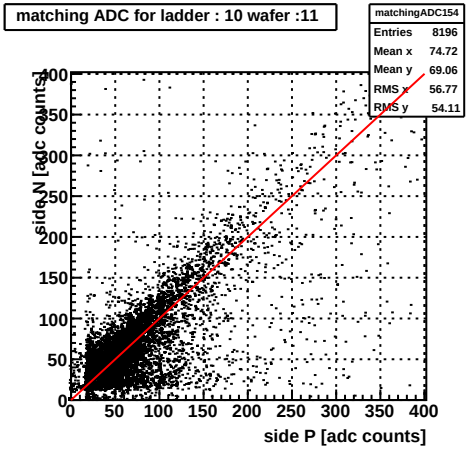

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4751
Mean x 67.02
Mean y 76.18
RMS x 51.91
RMS y 57.71
side N [adc counts]
side P [adc counts]

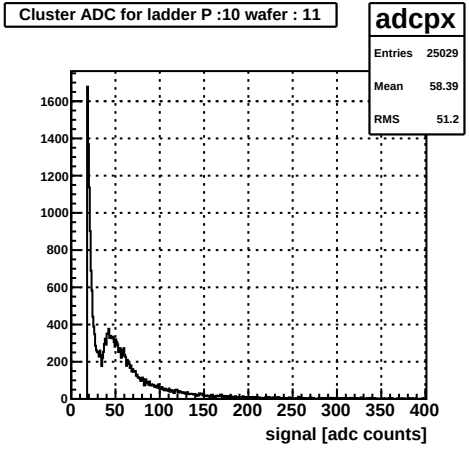

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 34039
Mean 53.2
RMS 52.72
signal [adc counts]

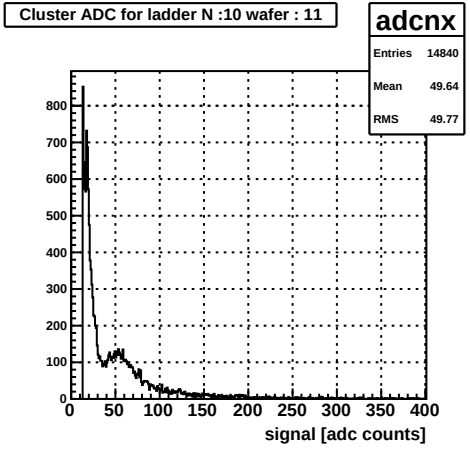

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 10581
Mean 51.99
RMS 53.63
signal [adc counts]

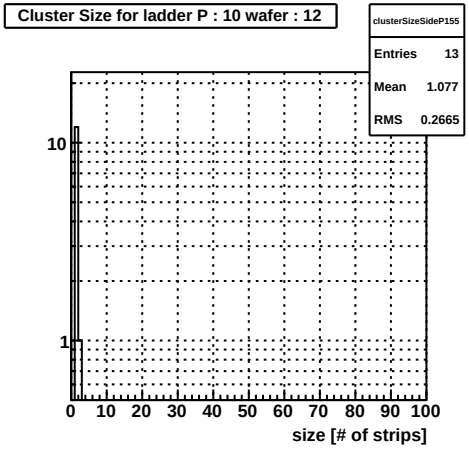

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 25029
Mean 1.339
RMS 0.6334
size [# of strips]

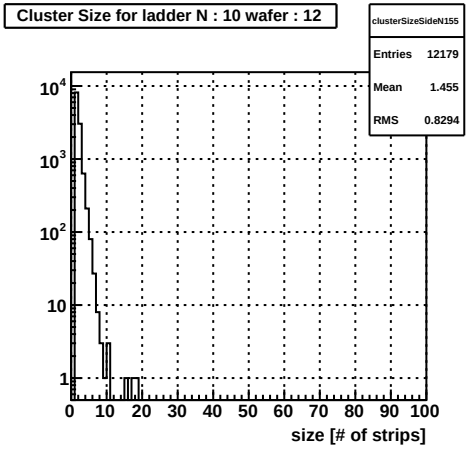

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 14840
Mean 1.297
RMS 0.6637
size [# of strips]

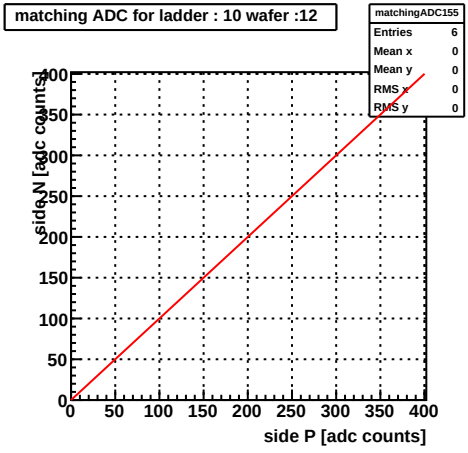

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 8196
Mean x 74.72
Mean y 69.06
RMS x 56.77
RMS y 54.11
side N [adc counts]
side P [adc counts]

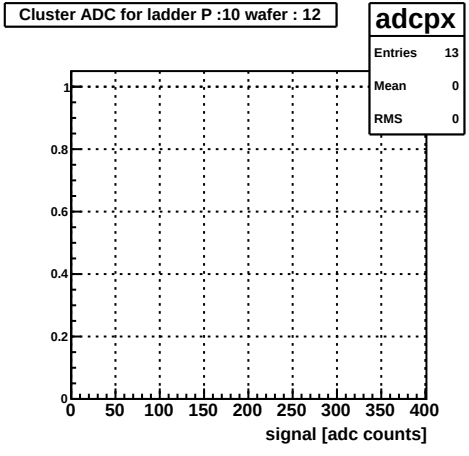

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 25029
Mean 58.39
RMS 51.2
signal [adc counts]

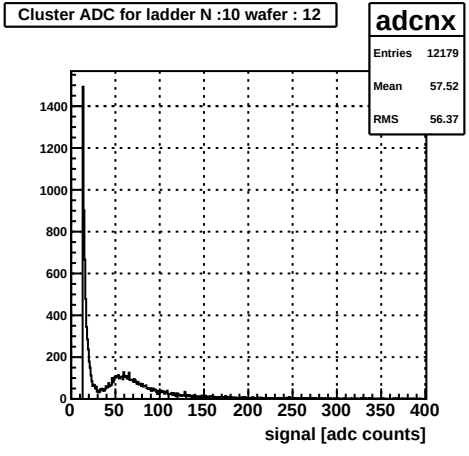

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 14840
Mean 49.64
RMS 49.77
signal [adc counts]

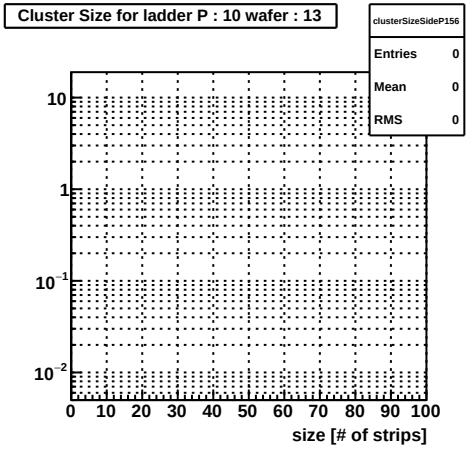

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

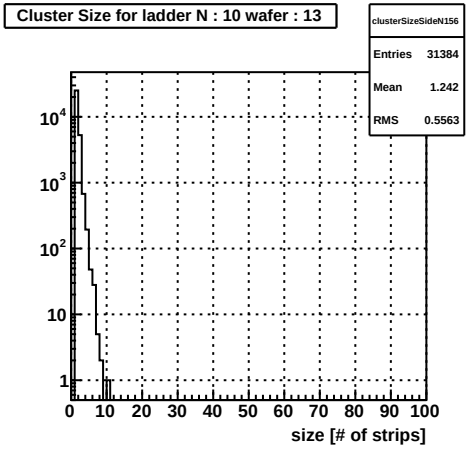

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 12179
Mean 1.455
RMS 0.8294
size [# of strips]

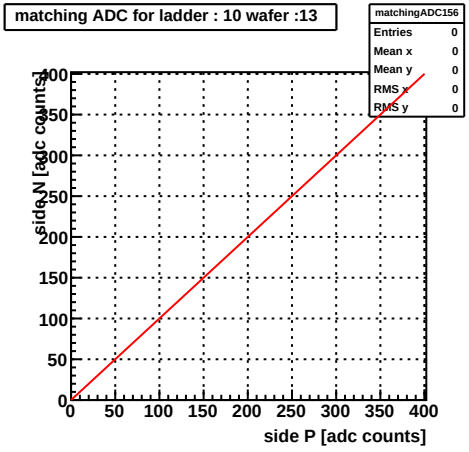

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

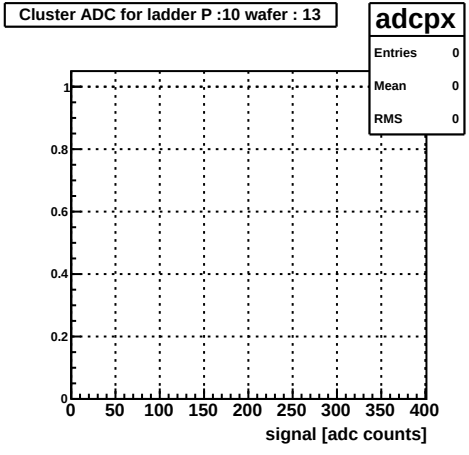

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

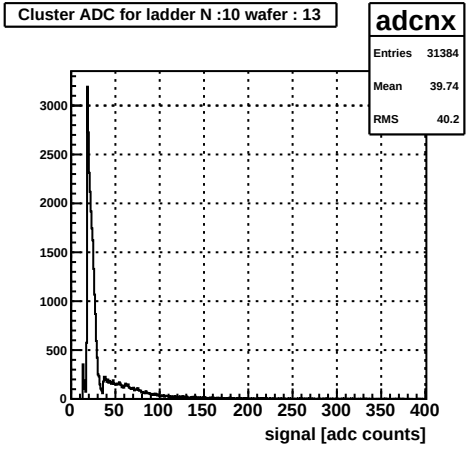

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 12179
Mean 57.52
RMS 56.37
signal [adc counts]

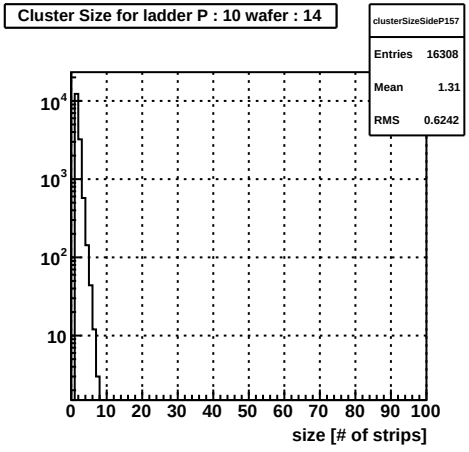

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

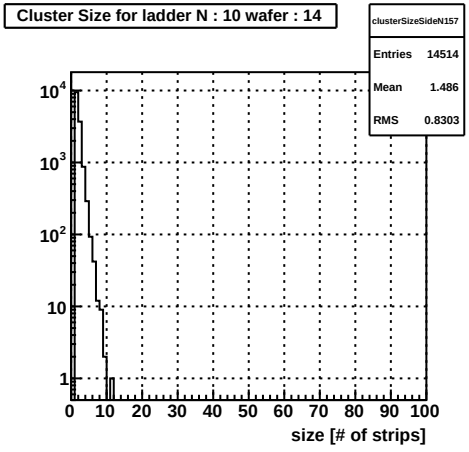

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 31384
Mean 1.242
RMS 0.5563
size [# of strips]

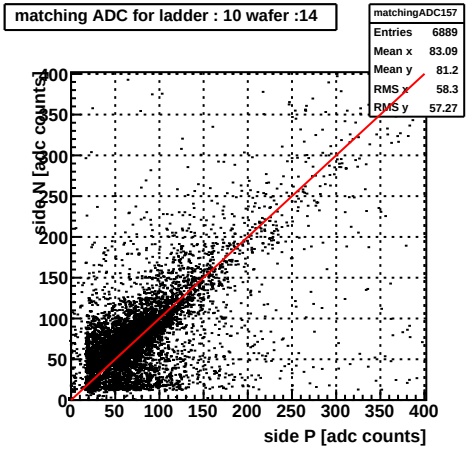

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

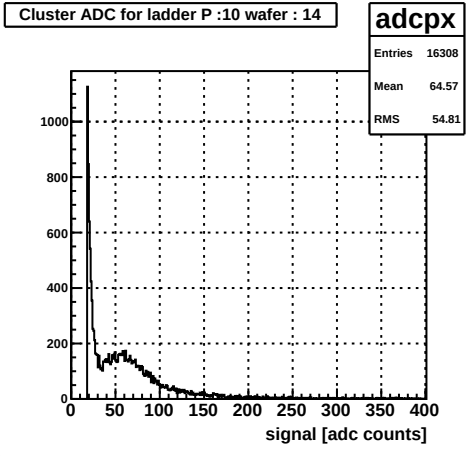

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

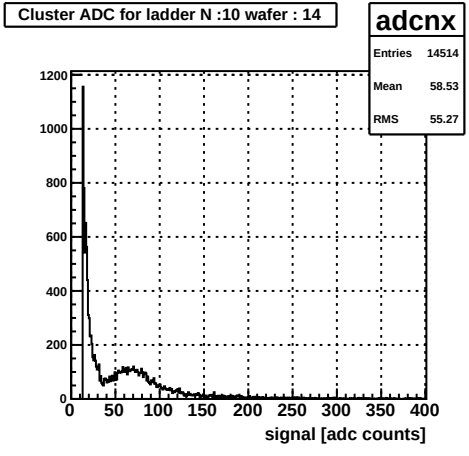

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 31384
Mean 39.74
RMS 40.2
signal [adc counts]

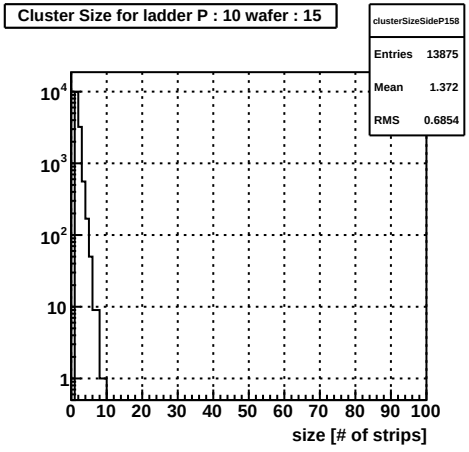

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 16308
Mean 1.31
RMS 0.6242
size [# of strips]

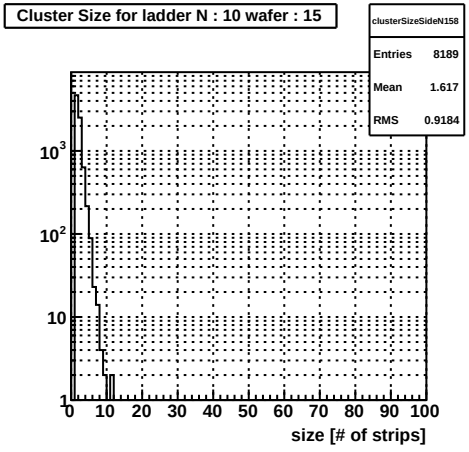

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 14514
Mean 1.486
RMS 0.8303
size [# of strips]

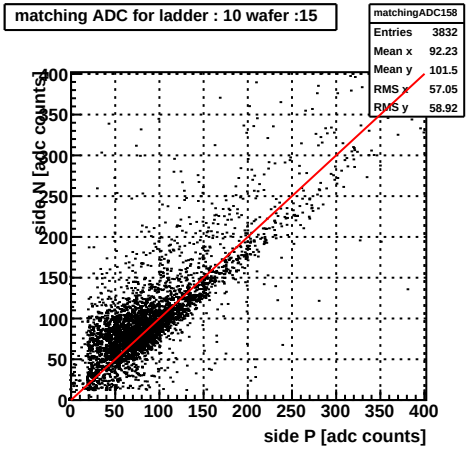

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 6889
Mean x 83.09
Mean y 81.2
RMS x 58.3
RMS y 57.27
side N [adc counts]
side P [adc counts]

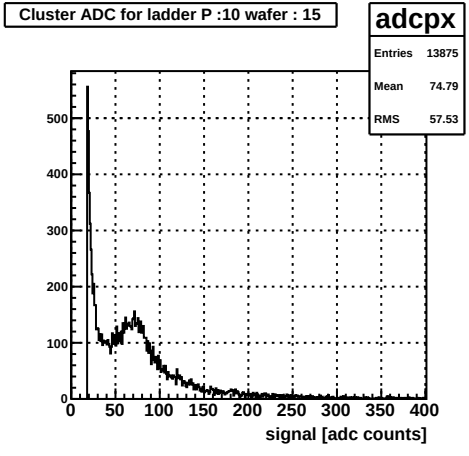

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 16308
Mean 64.57
RMS 54.81
signal [adc counts]

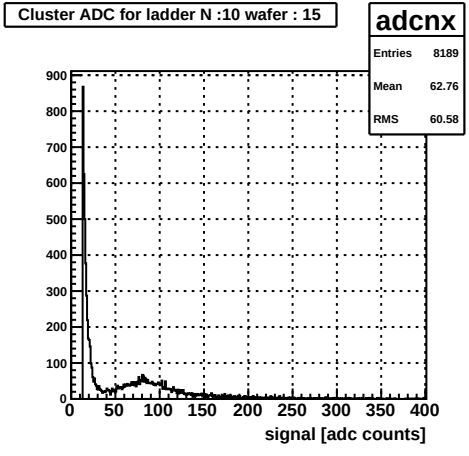

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 14514
Mean 58.53
RMS 55.27
signal [adc counts]

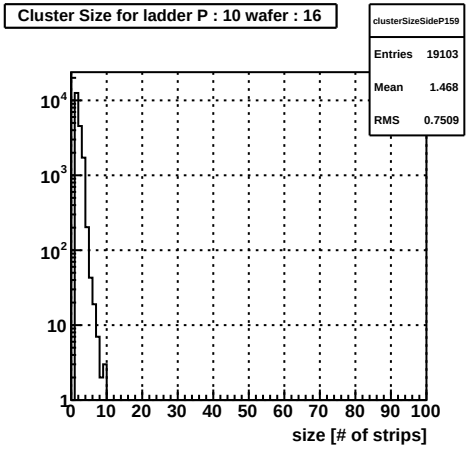

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 13875
Mean 1.372
RMS 0.6854
size [# of strips]

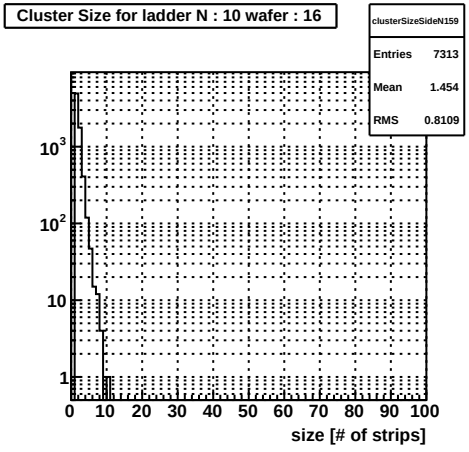

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 8189
Mean 1.617
RMS 0.9184
size [# of strips]

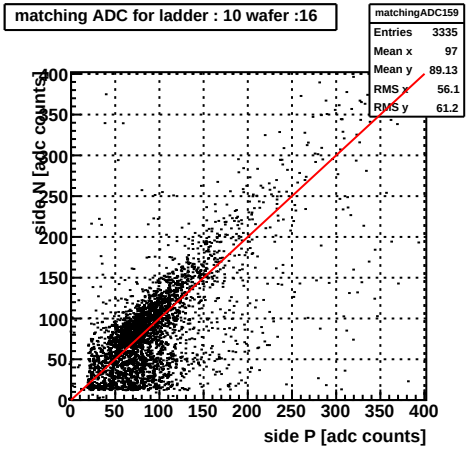

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3832
Mean x 92.23
Mean y 101.5
RMS x 57.05
RMS y 58.92
side N [adc counts]
side P [adc counts]

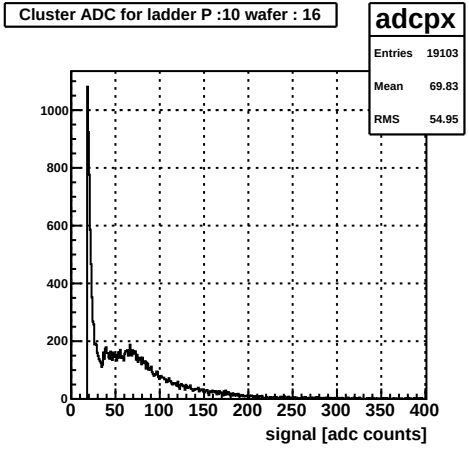

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 13875
Mean 74.79
RMS 57.53
signal [adc counts]

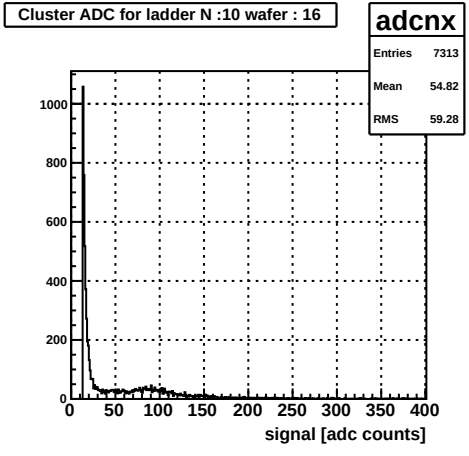

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 8189
Mean 62.76
RMS 60.58
signal [adc counts]

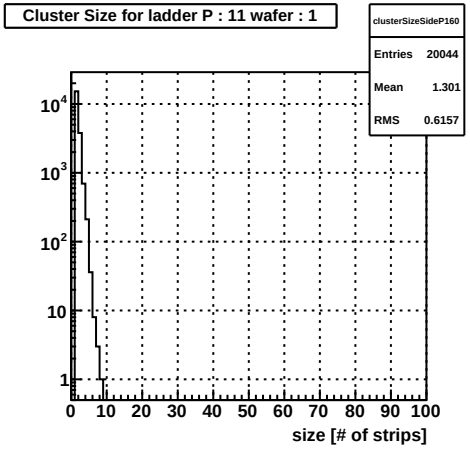

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 19103
Mean 1.468
RMS 0.7509
size [# of strips]

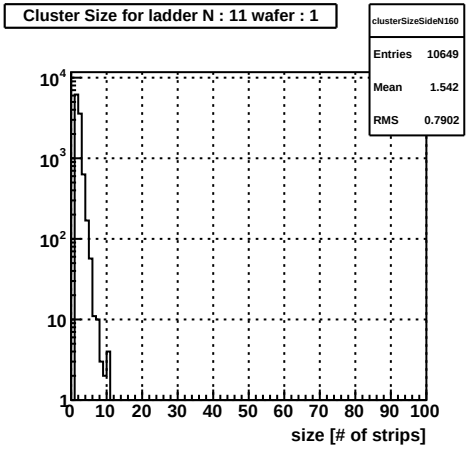

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 7313
Mean 1.454
RMS 0.8109
size [# of strips]

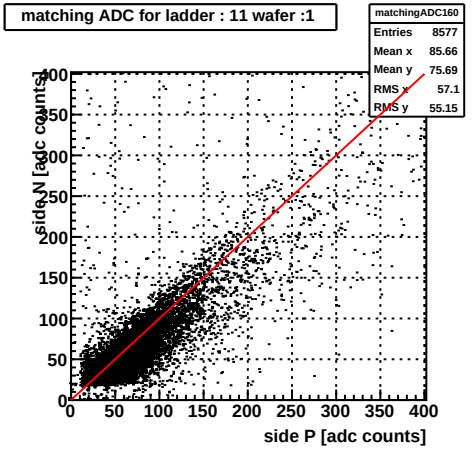

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 3335
Mean x 97
Mean y 89.13
RMS x 56.1
RMS y 61.2
side N [adc counts]
side P [adc counts]

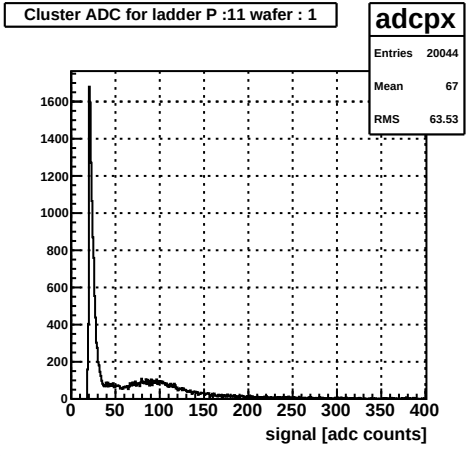

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 19103
Mean 69.83
RMS 54.95
signal [adc counts]

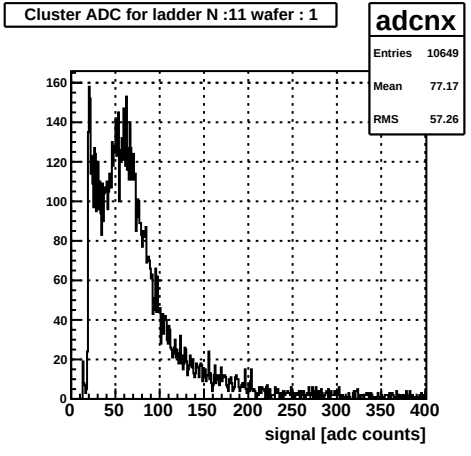

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 7313
Mean 54.82
RMS 59.28
signal [adc counts]

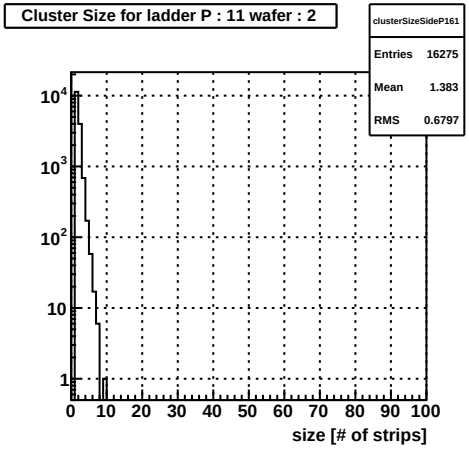

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 20044
Mean 1.301
RMS 0.6157
size [# of strips]

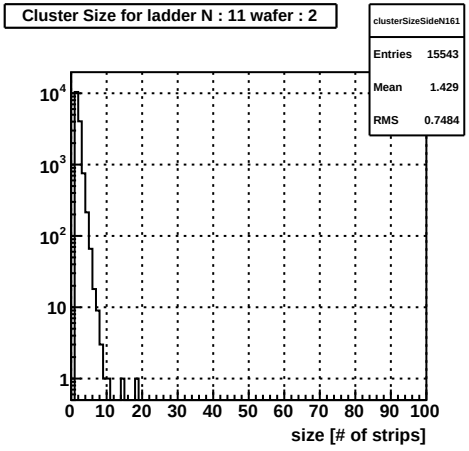

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 10649
Mean 1.542
RMS 0.7902
size [# of strips]

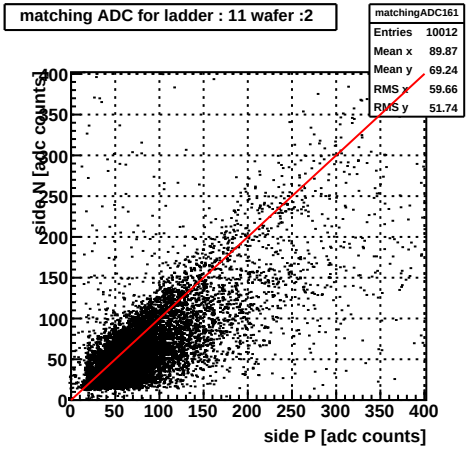

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8577
Mean x 85.66
Mean y 75.69
RMS x 57.1
RMS y 55.15
side N [adc counts]
side P [adc counts]

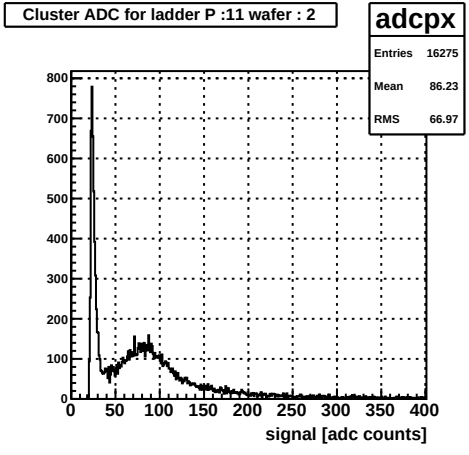

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 20044
Mean 67
RMS 63.53
signal [adc counts]

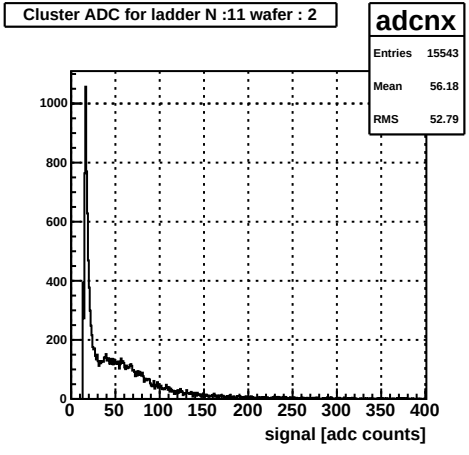

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 10649
Mean 77.17
RMS 57.26
signal [adc counts]

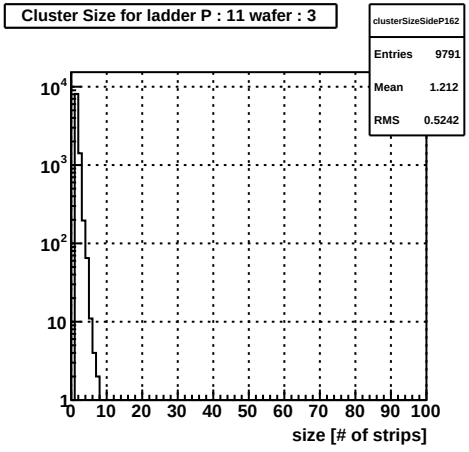

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 16275
Mean 1.383
RMS 0.6797
size [# of strips]

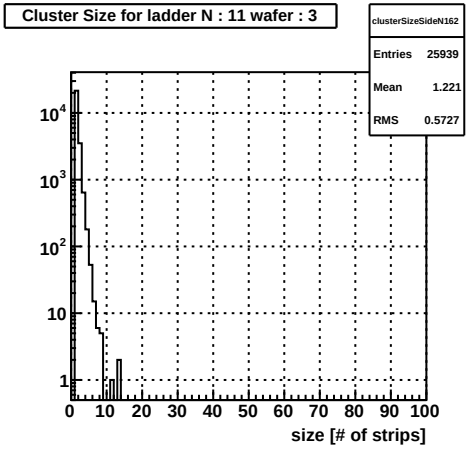

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 15543
Mean 1.429
RMS 0.7484
size [# of strips]

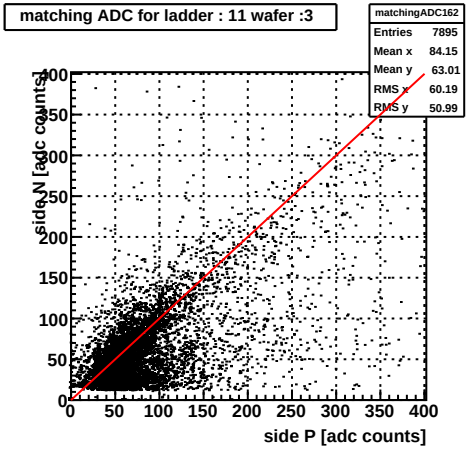

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 10012
Mean x 89.87
Mean y 69.24
RMS x 59.66
RMS y 51.74
side N [adc counts]
side P [adc counts]

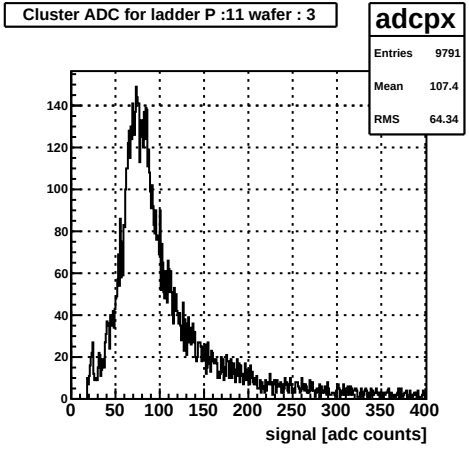

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 16275
Mean 86.23
RMS 66.97
signal [adc counts]

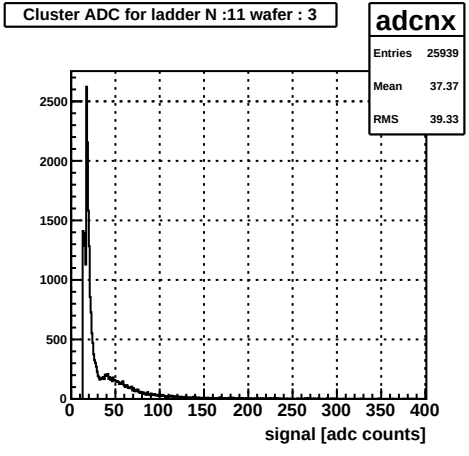

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 15543
Mean 56.18
RMS 52.79
signal [adc counts]

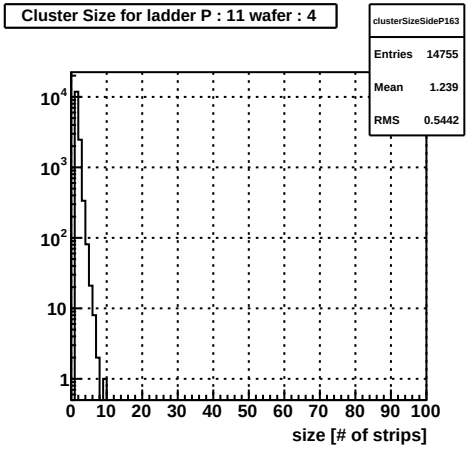

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 9791
Mean 1.212
RMS 0.5242
size [# of strips]

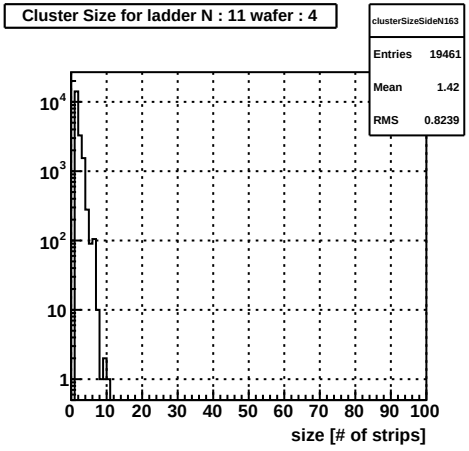

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 25939
Mean 1.221
RMS 0.5727
size [# of strips]

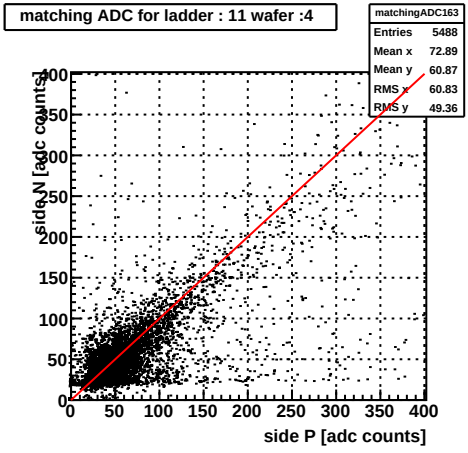

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 7895
Mean x 84.15
Mean y 63.01
RMS x 60.19
RMS y 50.99
side N [adc counts]
side P [adc counts]

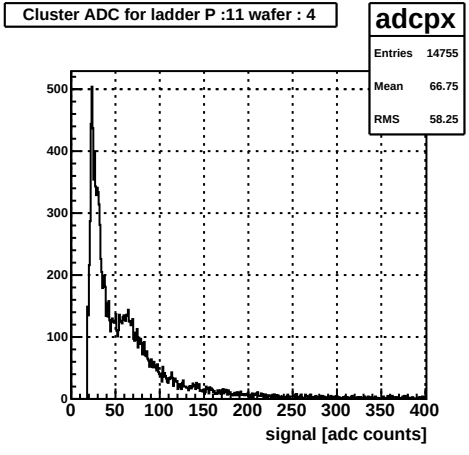

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 9791
Mean 107.4
RMS 64.34
signal [adc counts]

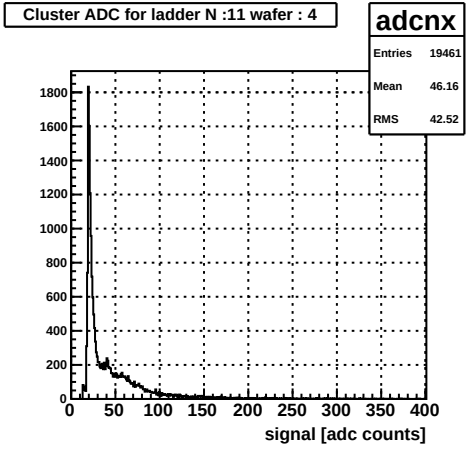

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 25939
Mean 37.37
RMS 39.33
signal [adc counts]

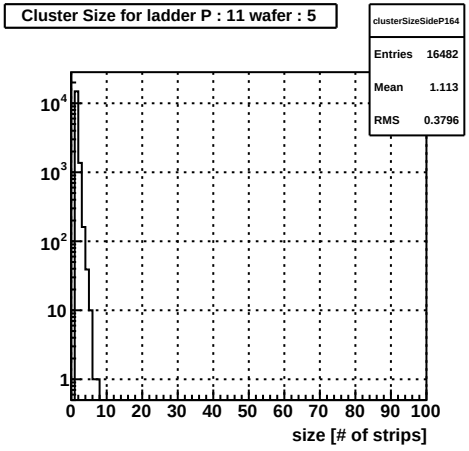

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 14755
Mean 1.239
RMS 0.5442
size [# of strips]

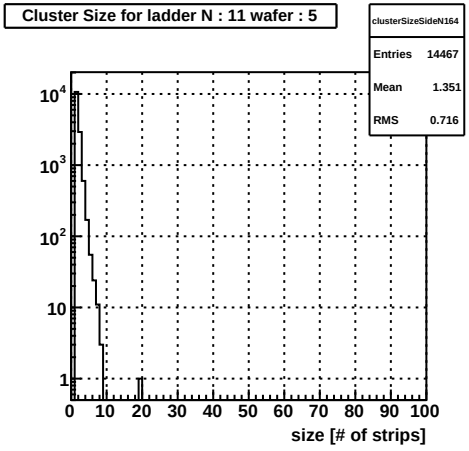

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 19461
Mean 1.42
RMS 0.8239
size [# of strips]

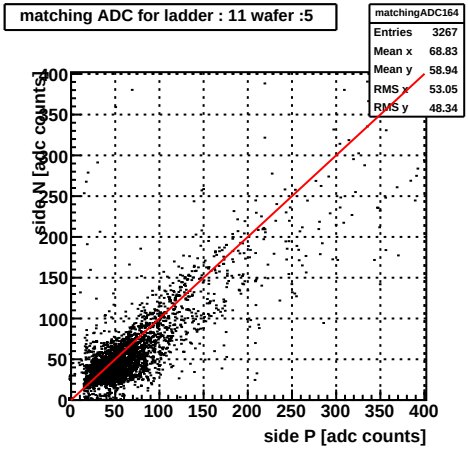

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 5488
Mean x 72.89
Mean y 60.87
RMS x 60.83
RMS y 49.36
side N [adc counts]
side P [adc counts]

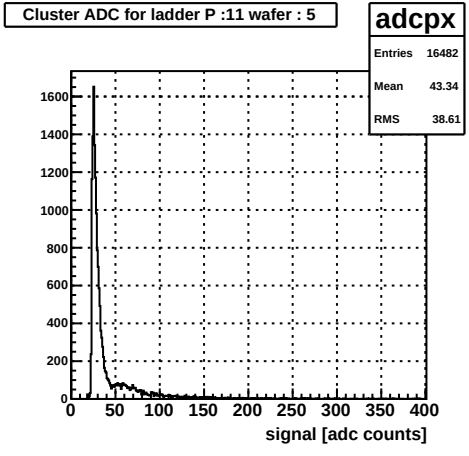

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 14755
Mean 66.75
RMS 58.25
signal [adc counts]

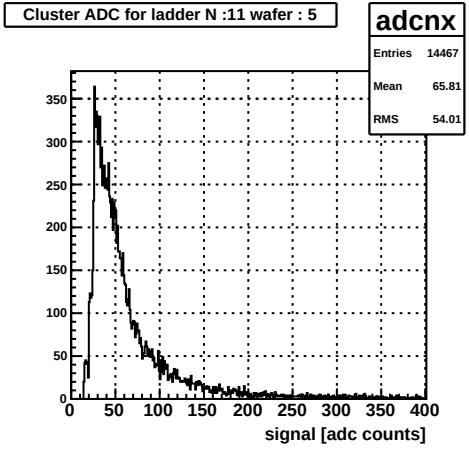

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 19461
Mean 46.16
RMS 42.52
signal [adc counts]

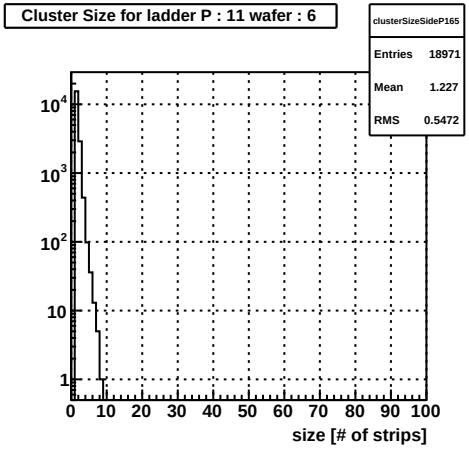

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 16482
Mean 1.113
RMS 0.3796
size [# of strips]

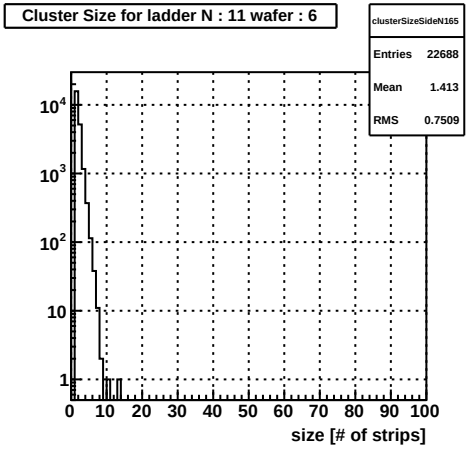

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 14467
Mean 1.351
RMS 0.716
size [# of strips]

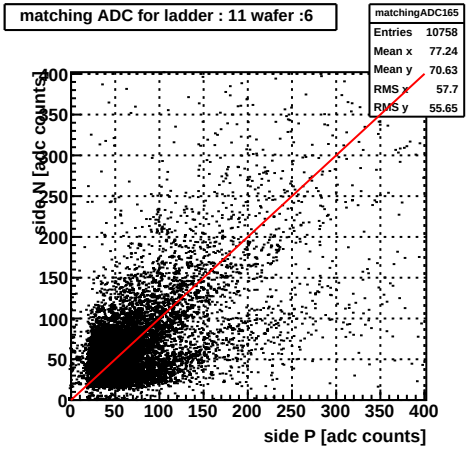

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3267
Mean x 68.83
Mean y 58.94
RMS x 53.05
RMS y 48.34
side N [adc counts]
side P [adc counts]

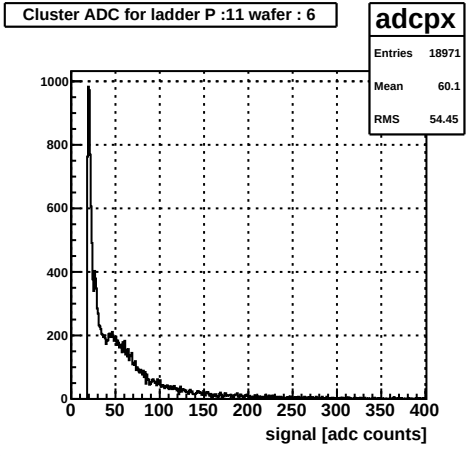

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 16482
Mean 43.34
RMS 38.61
signal [adc counts]

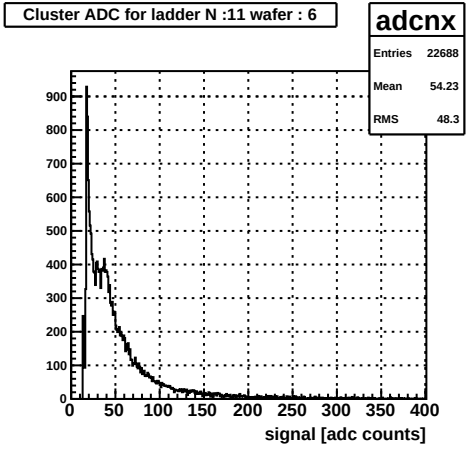

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 14467
Mean 65.81
RMS 54.01
signal [adc counts]

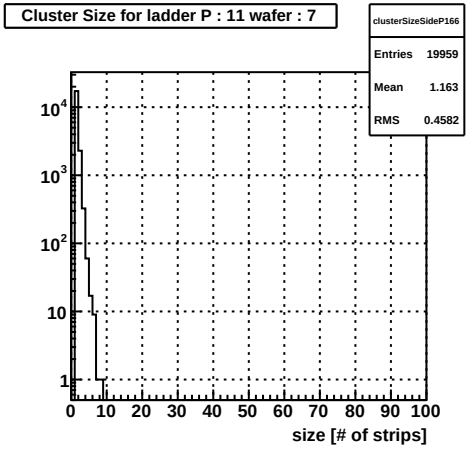

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 18971
Mean 1.227
RMS 0.5472
size [# of strips]

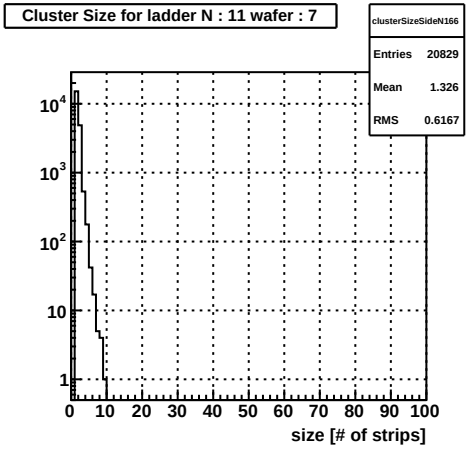

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 22688
Mean 1.413
RMS 0.7509
size [# of strips]

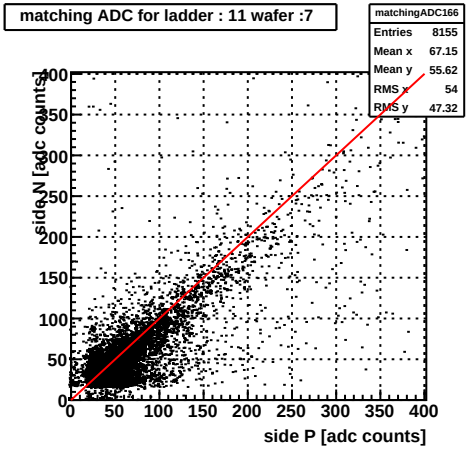

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 10758
Mean x 77.24
Mean y 70.63
RMS x 57.7
RMS y 55.65
side N [adc counts]
side P [adc counts]

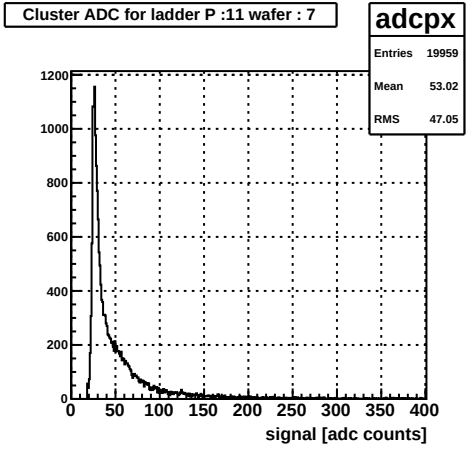

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 18971
Mean 60.1
RMS 54.45
signal [adc counts]

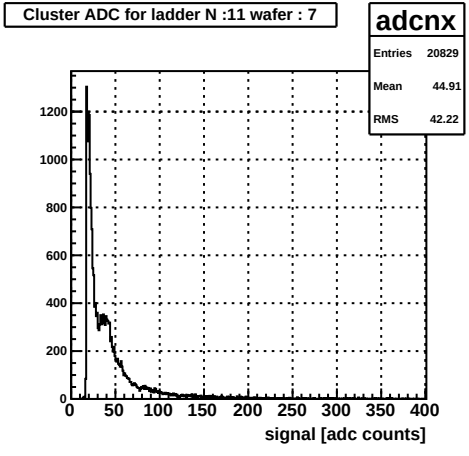

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 22688
Mean 54.23
RMS 48.3
signal [adc counts]

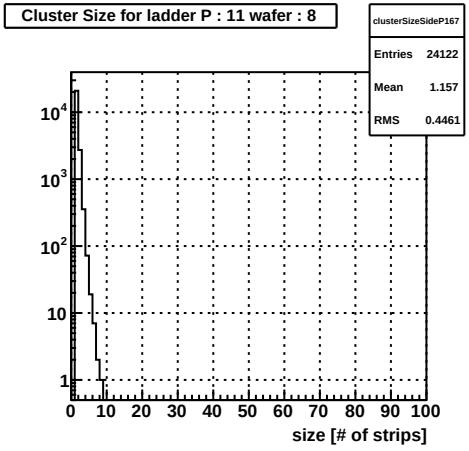

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 19959
Mean 1.163
RMS 0.4582
size [# of strips]

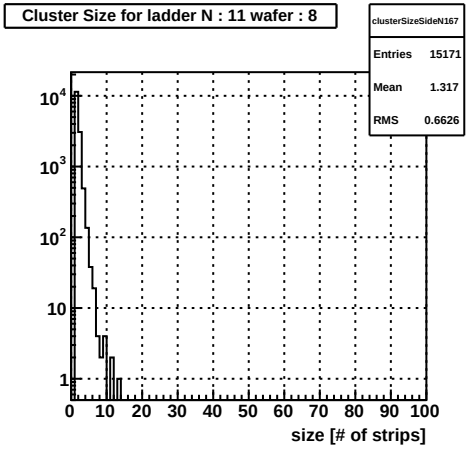

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 20829
Mean 1.326
RMS 0.6167
size [# of strips]

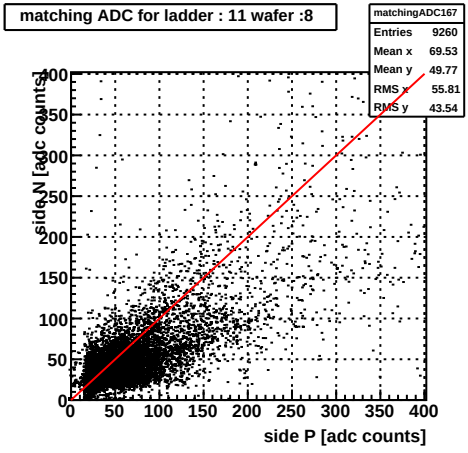

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 8155
Mean x 67.15
Mean y 55.62
RMS x 54
RMS y 47.32
side N [adc counts]
side P [adc counts]

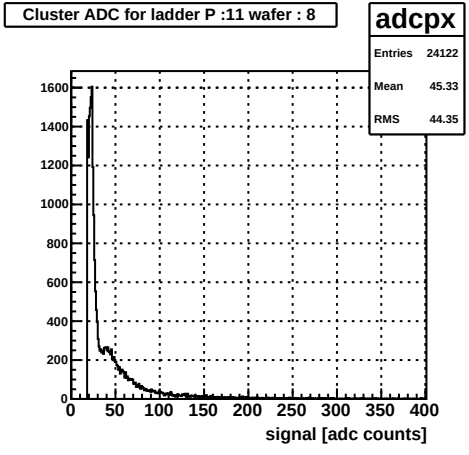

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 19959
Mean 53.02
RMS 47.05
signal [adc counts]

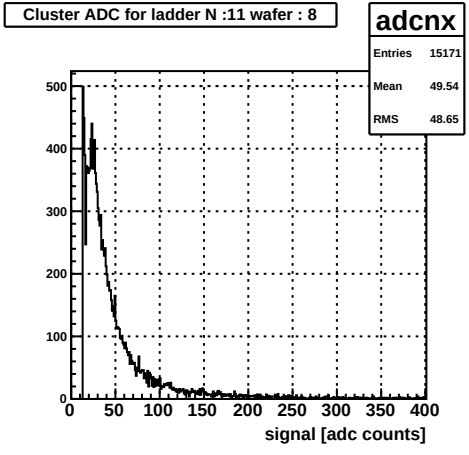

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 20829
Mean 44.91
RMS 42.22
signal [adc counts]

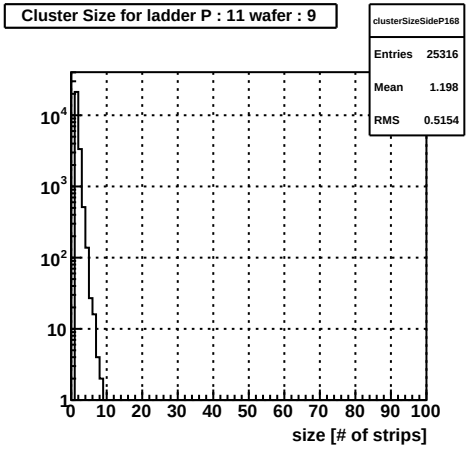

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 24122
Mean 1.157
RMS 0.4461
size [# of strips]

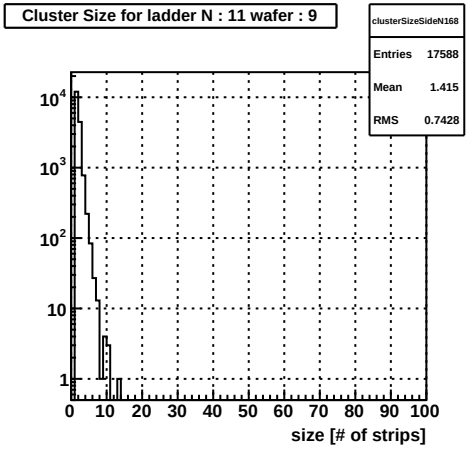

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 15171
Mean 1.317
RMS 0.6626
size [# of strips]

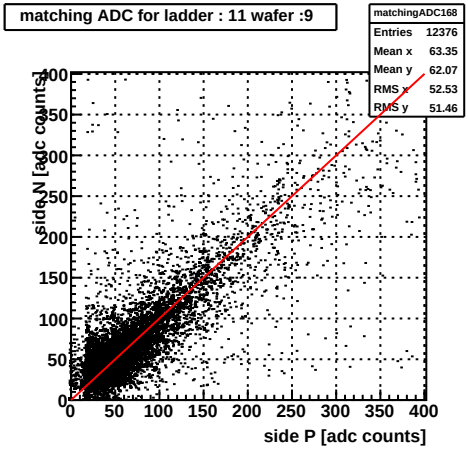

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 9260
Mean x 69.53
Mean y 49.77
RMS x 55.81
RMS y 43.54
side N [adc counts]
side P [adc counts]

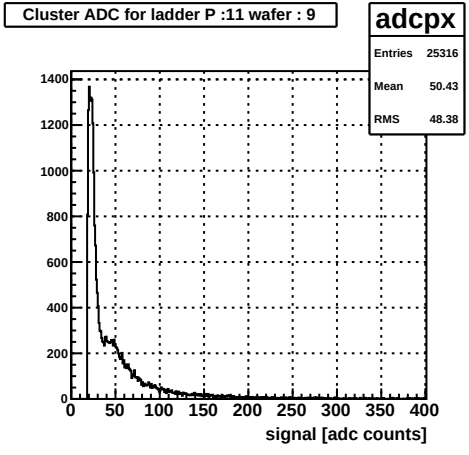

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 24122
Mean 45.33
RMS 44.35
signal [adc counts]

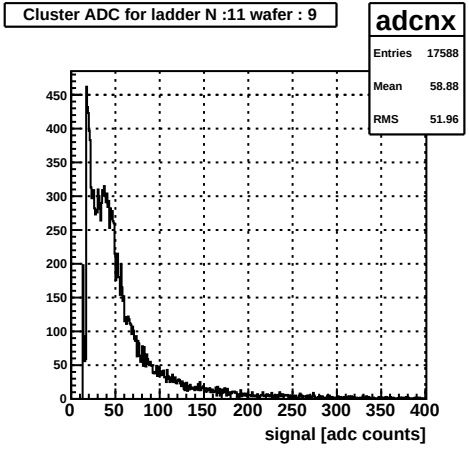

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 15171
Mean 49.54
RMS 48.65
signal [adc counts]

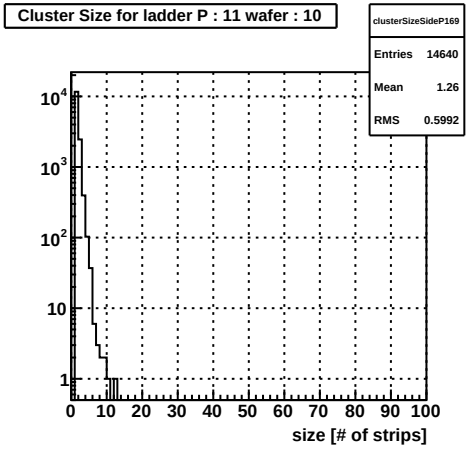

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 25316
Mean 1.198
RMS 0.5154
size [# of strips]

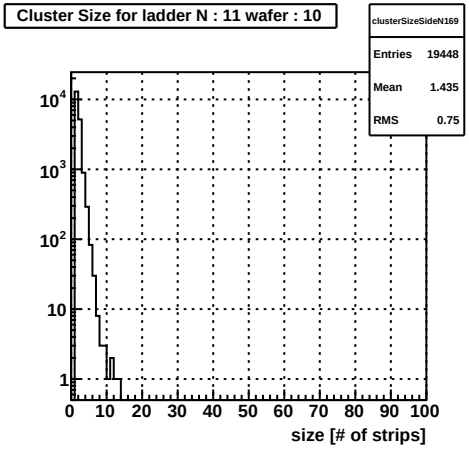

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 17588
Mean 1.415
RMS 0.7428
size [# of strips]

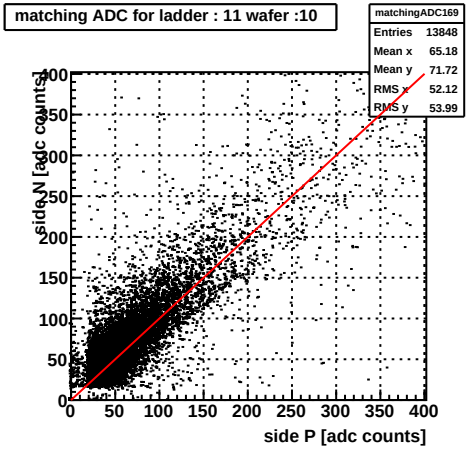

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 12376
Mean x 63.35
Mean y 62.07
RMS x 52.53
RMS y 51.46
side N [adc counts]
side P [adc counts]

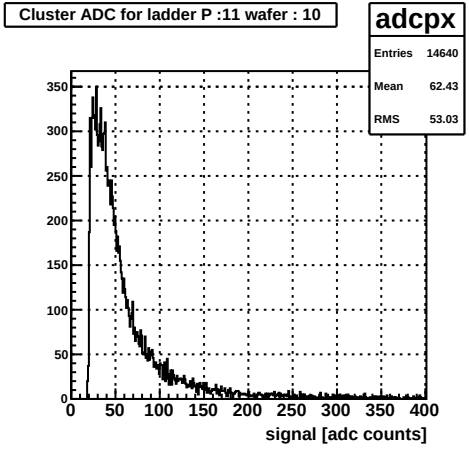

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 25316
Mean 50.43
RMS 48.38
signal [adc counts]

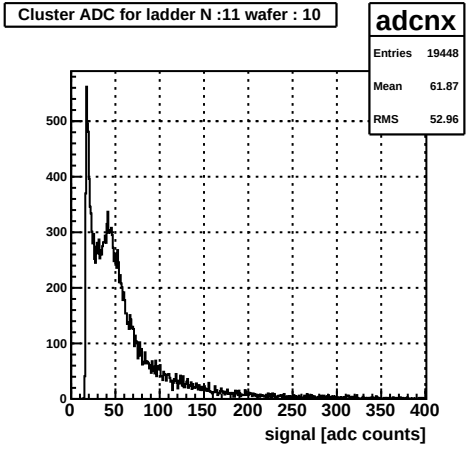

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 17588
Mean 58.88
RMS 51.96
signal [adc counts]

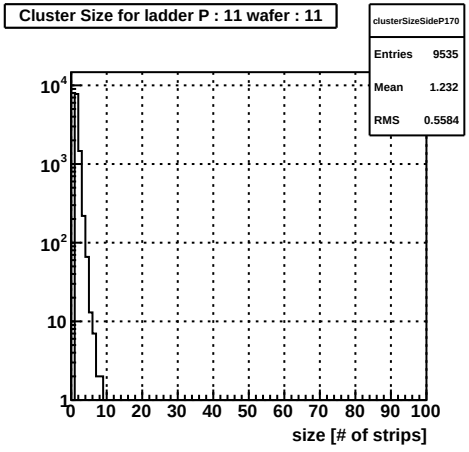

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 14640
Mean 1.26
RMS 0.5992
size [# of strips]

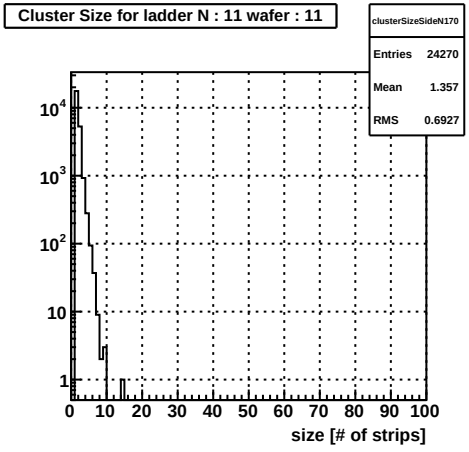

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 19448
Mean 1.435
RMS 0.75
size [# of strips]

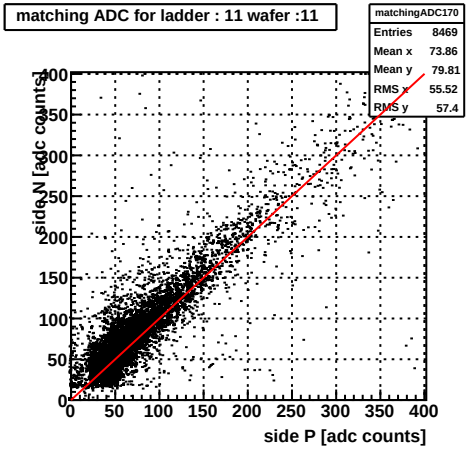

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 13848
Mean x 65.18
Mean y 71.72
RMS x 52.12
RMS y 53.99
side N [adc counts]
side P [adc counts]

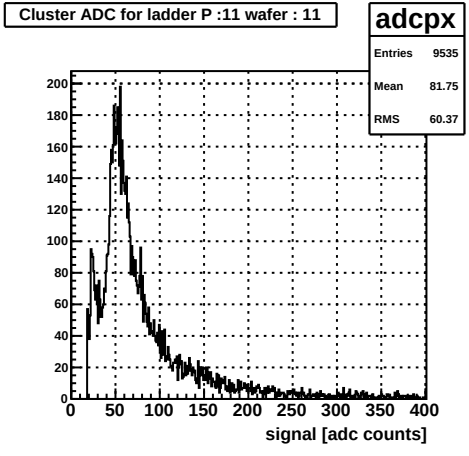

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 14640
Mean 62.43
RMS 53.03
signal [adc counts]

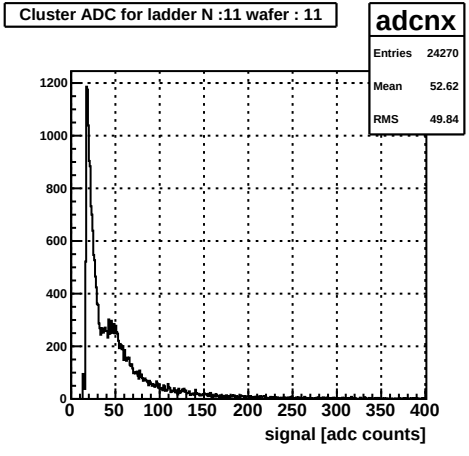

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 19448
Mean 61.87
RMS 52.96
signal [adc counts]

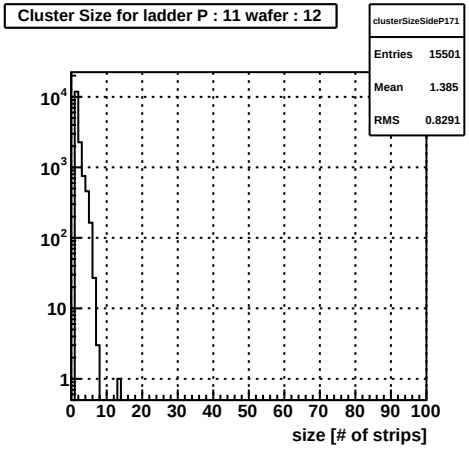

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 9535
Mean 1.232
RMS 0.5584
size [# of strips]

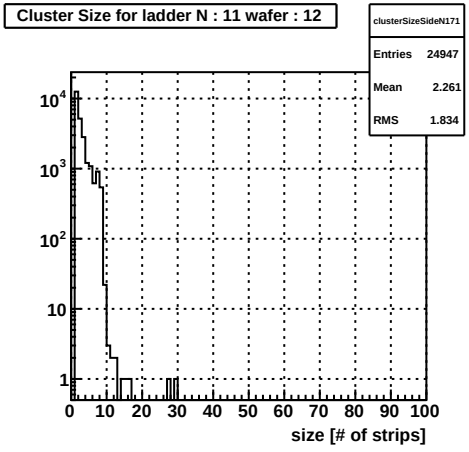

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 24270
Mean 1.357
RMS 0.6927
size [# of strips]

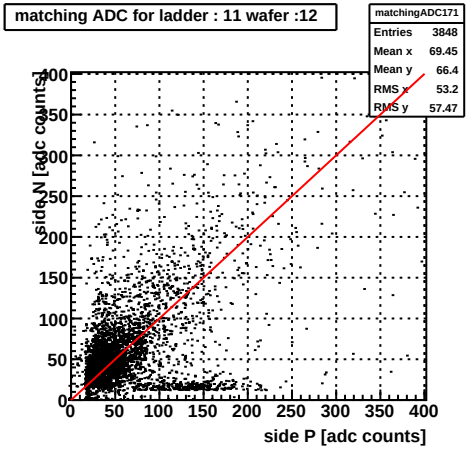

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 8469
Mean x 73.86
Mean y 79.81
RMS x 55.52
RMS y 57.4
side N [adc counts]
side P [adc counts]

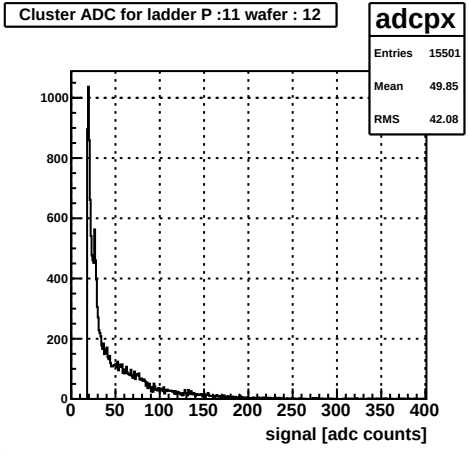

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 9535
Mean 81.75
RMS 60.37
signal [adc counts]

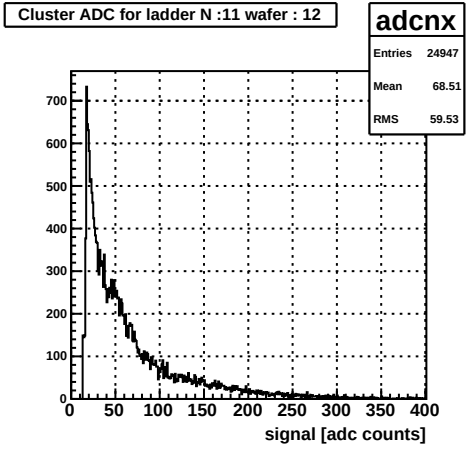

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 24270
Mean 52.62
RMS 49.84
signal [adc counts]

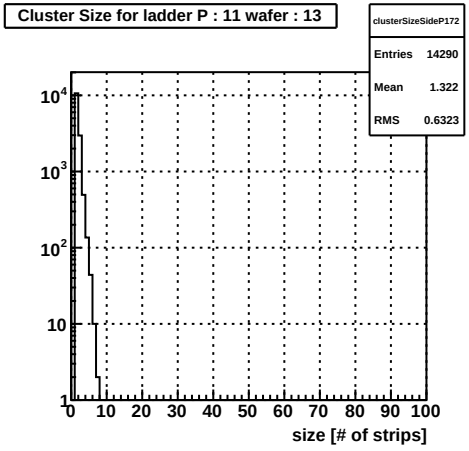

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 15501
Mean 1.385
RMS 0.8291
size [# of strips]

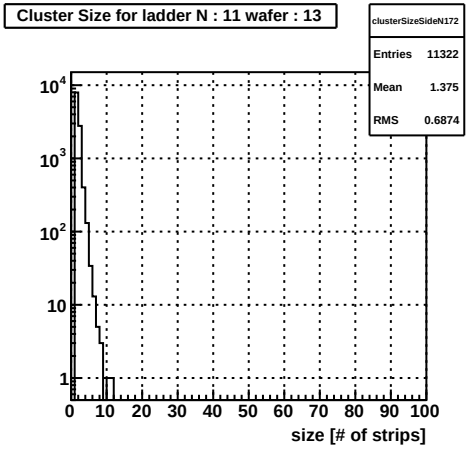

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 24947
Mean 2.261
RMS 1.834
size [# of strips]

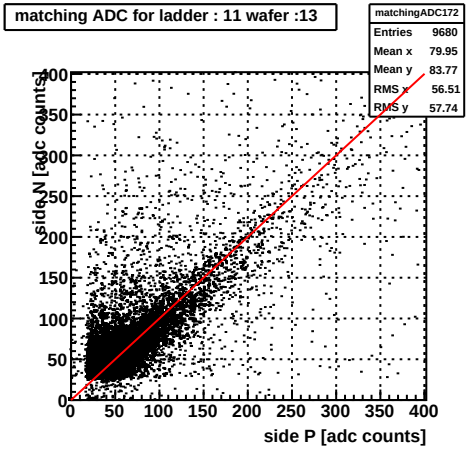

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3848
Mean x 69.45
Mean y 66.4
RMS x 53.2
RMS y 57.47
side N [adc counts]
side P [adc counts]

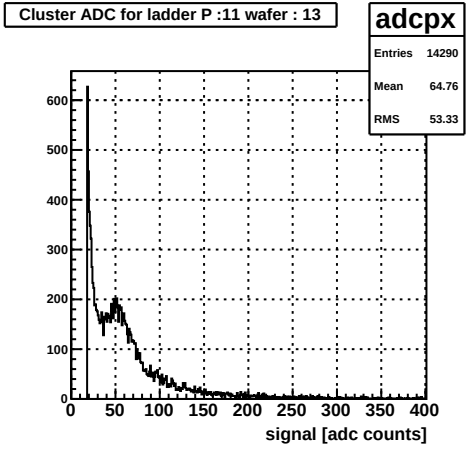

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 15501
Mean 49.85
RMS 42.08
signal [adc counts]

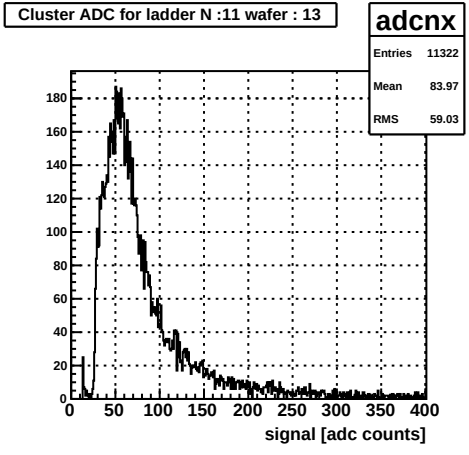

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 24947
Mean 68.51
RMS 59.53
signal [adc counts]

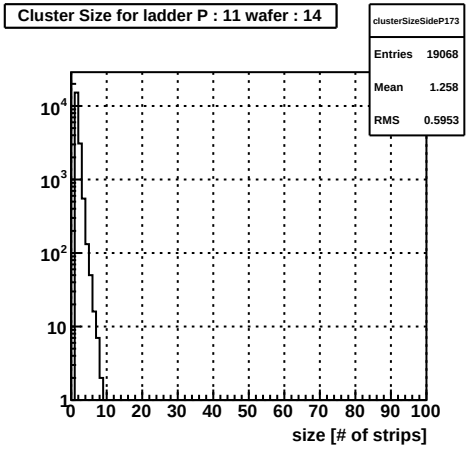

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 14290
Mean 1.322
RMS 0.6323
size [# of strips]

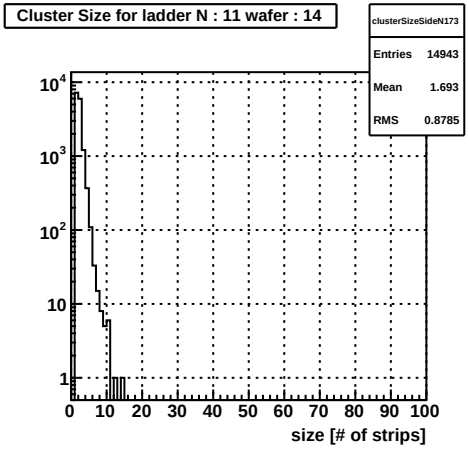

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 11322
Mean 1.375
RMS 0.6874
size [# of strips]

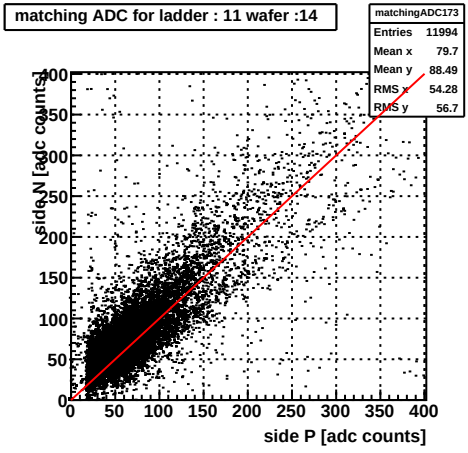

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 9680
Mean x 79.95
Mean y 83.77
RMS x 56.51
RMS y 57.74
side N [adc counts]
side P [adc counts]

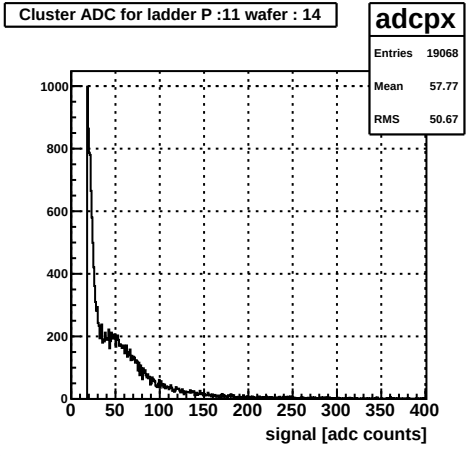

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 14290
Mean 64.76
RMS 53.33
signal [adc counts]

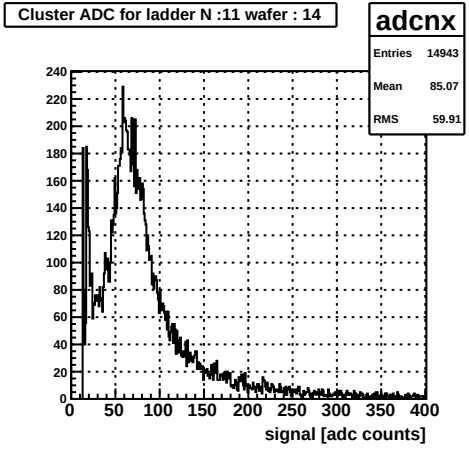

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 11322
Mean 83.97
RMS 59.03
signal [adc counts]

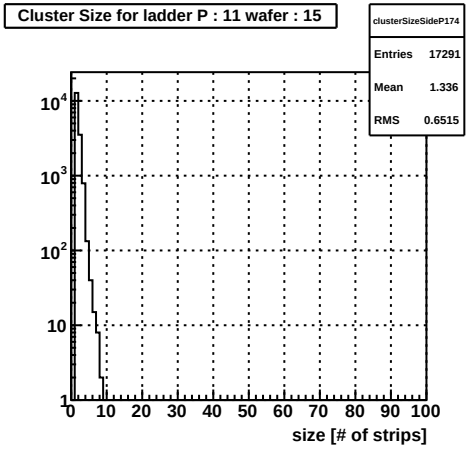

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 19068
Mean 1.258
RMS 0.5953
size [# of strips]

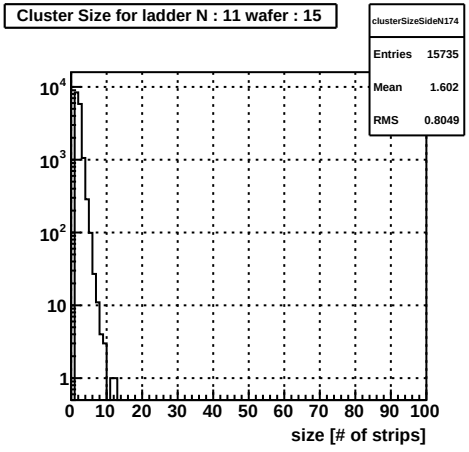

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 14943
Mean 1.693
RMS 0.8785
size [# of strips]

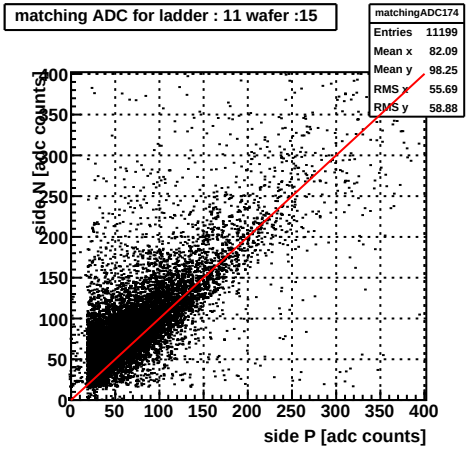

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 11994
Mean x 79.7
Mean y 88.49
RMS x 54.28
RMS y 56.7
side N [adc counts]
side P [adc counts]

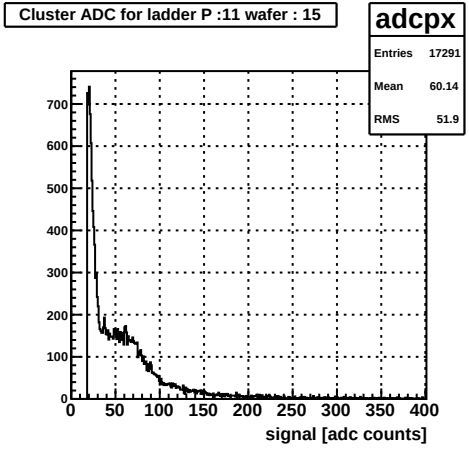

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 19068
Mean 57.77
RMS 50.67
signal [adc counts]

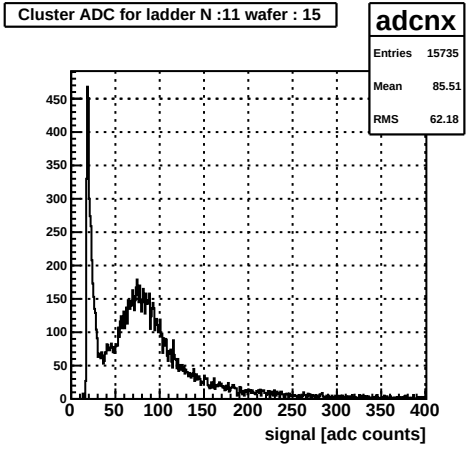

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 14943
Mean 85.07
RMS 59.91
signal [adc counts]

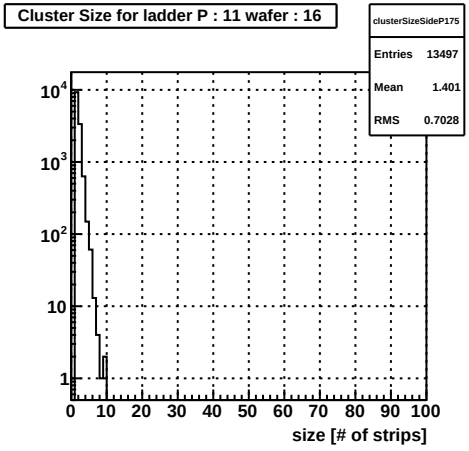

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 17291
Mean 1.336
RMS 0.6515
size [# of strips]

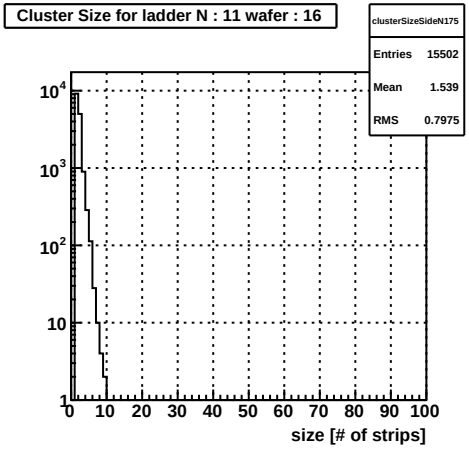

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 15735
Mean 1.602
RMS 0.8049
size [# of strips]

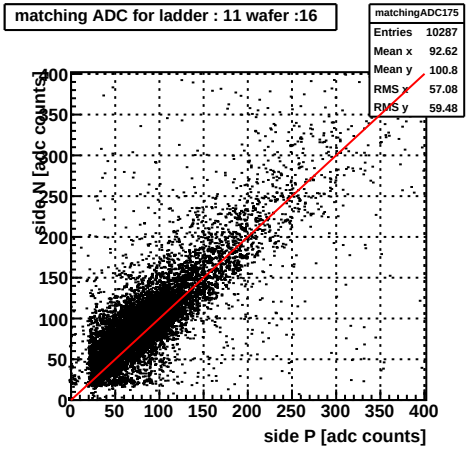

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 11199
Mean x 82.09
Mean y 98.25
RMS x 55.69
RMS y 58.88
side N [adc counts]
side P [adc counts]

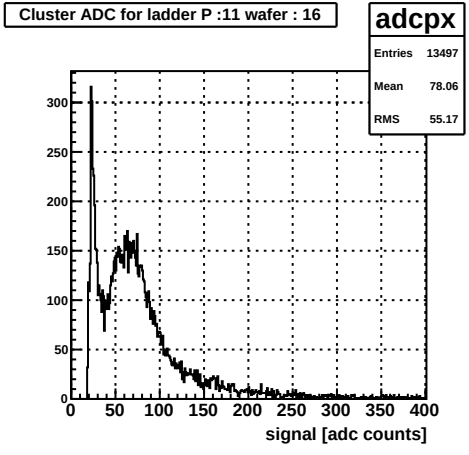

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 17291
Mean 60.14
RMS 51.9
signal [adc counts]

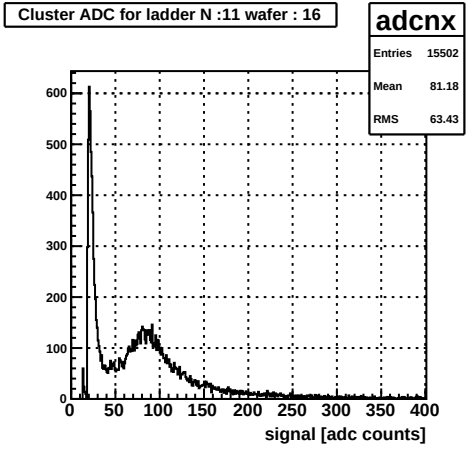

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 15735
Mean 85.51
RMS 62.18
signal [adc counts]

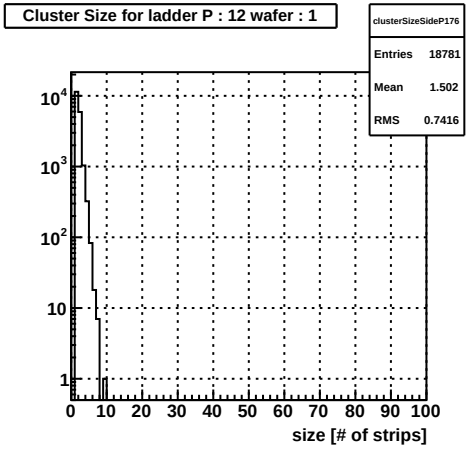

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 13497
Mean 1.401
RMS 0.7028
size [# of strips]

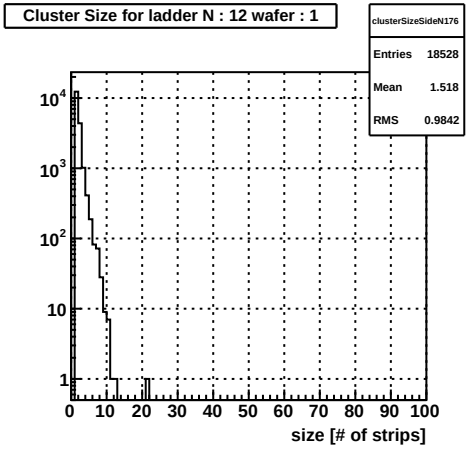

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 15502
Mean 1.539
RMS 0.7975
size [# of strips]

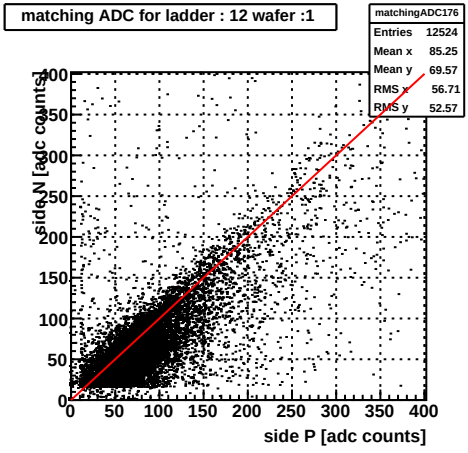

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 10287
Mean x 92.62
Mean y 100.8
RMS x 57.08
RMS y 59.48
side N [adc counts]
side P [adc counts]

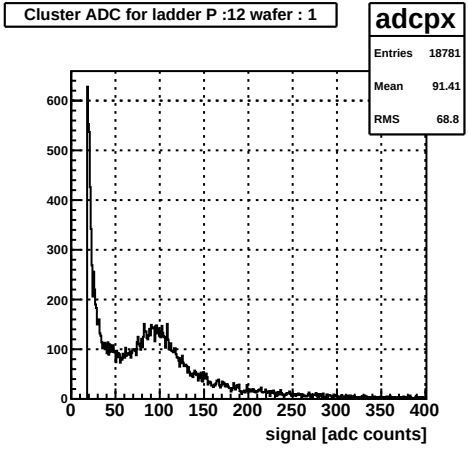

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 13497
Mean 78.06
RMS 55.17
signal [adc counts]

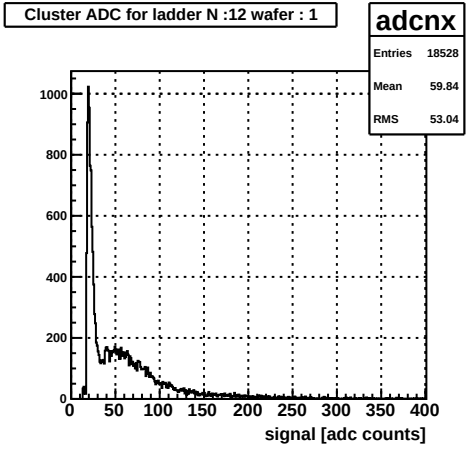

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 15502
Mean 81.18
RMS 63.43
signal [adc counts]

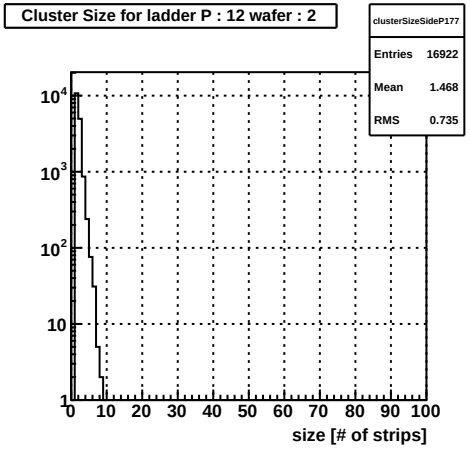

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 18781
Mean 1.502
RMS 0.7416
size [# of strips]

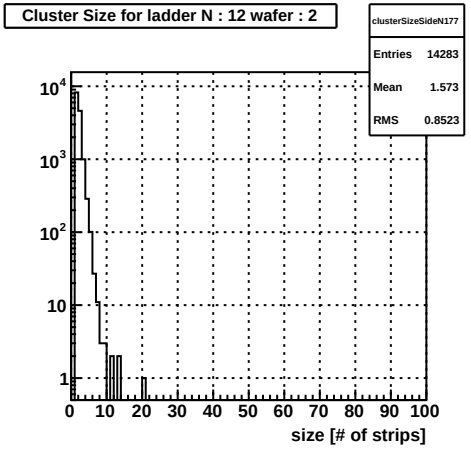

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 18528
Mean 1.518
RMS 0.9842
size [# of strips]

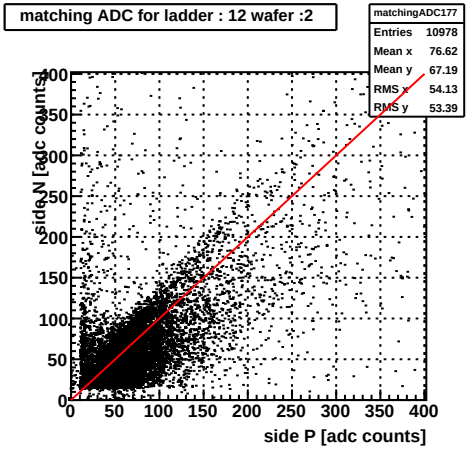

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 12524
Mean x 85.25
Mean y 69.57
RMS x 56.71
RMS y 52.57
side N [adc counts]
side P [adc counts]

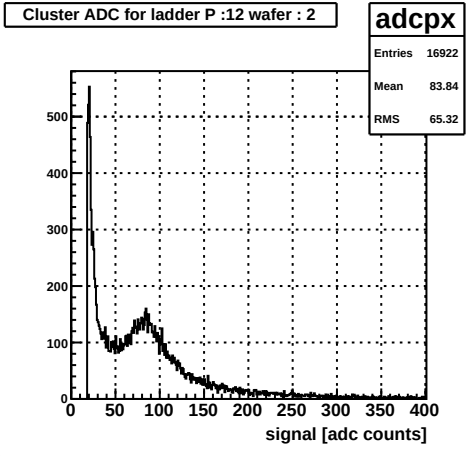

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 18781
Mean 91.41
RMS 68.8
signal [adc counts]

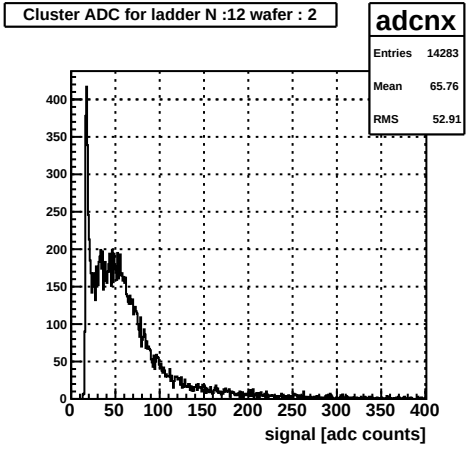

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 18528
Mean 59.84
RMS 53.04
signal [adc counts]

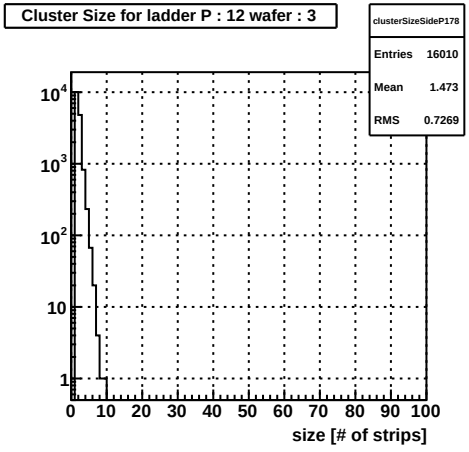

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 16922
Mean 1.468
RMS 0.735
size [# of strips]

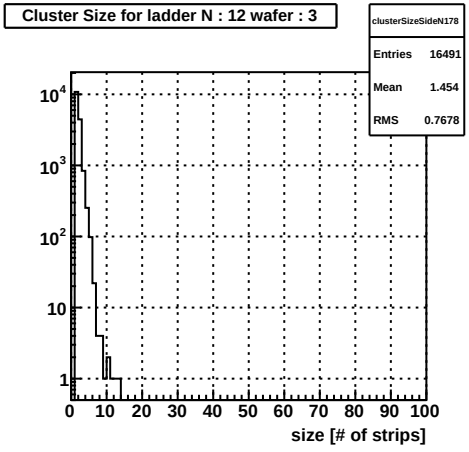

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 14283
Mean 1.573
RMS 0.8523
size [# of strips]

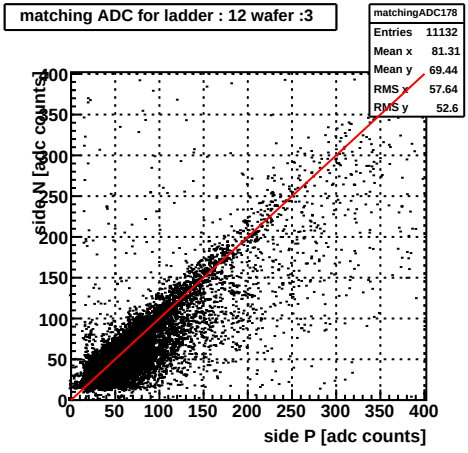

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 10978
Mean x 76.62
Mean y 67.19
RMS x 54.13
RMS y 53.39
side N [adc counts]
side P [adc counts]

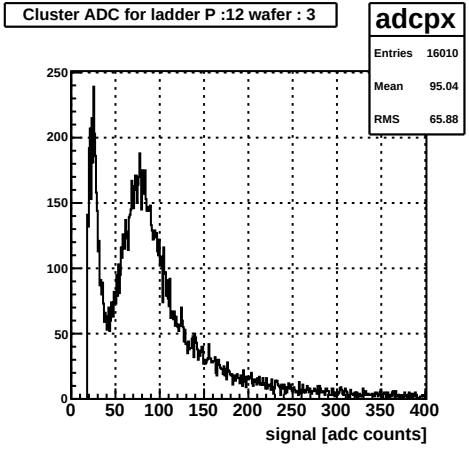

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 16922
Mean 83.84
RMS 65.32
signal [adc counts]

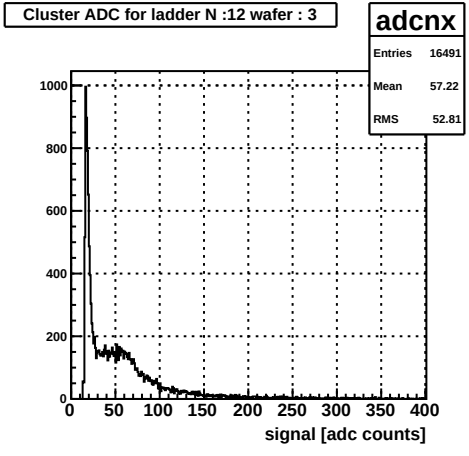

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 14283
Mean 65.76
RMS 52.91
signal [adc counts]

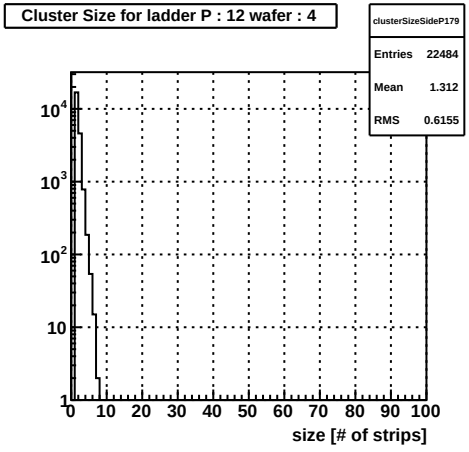

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 16010
Mean 1.473
RMS 0.7269
size [# of strips]

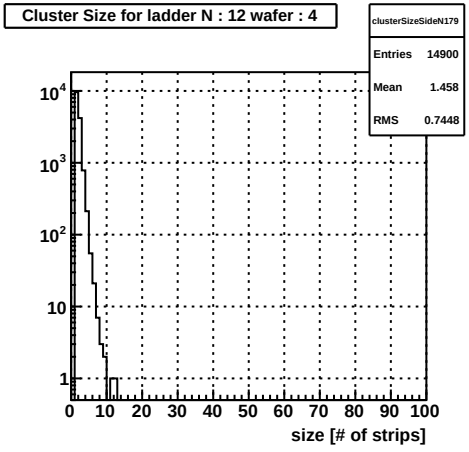

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 16491
Mean 1.454
RMS 0.7678
size [# of strips]

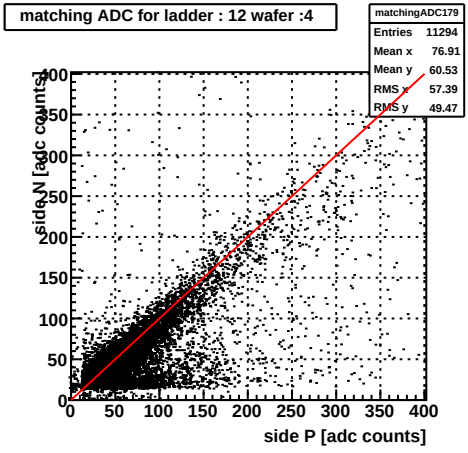

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 11132
Mean x 81.31
Mean y 69.44
RMS x 57.64
RMS y 52.6
side N [adc counts]
side P [adc counts]

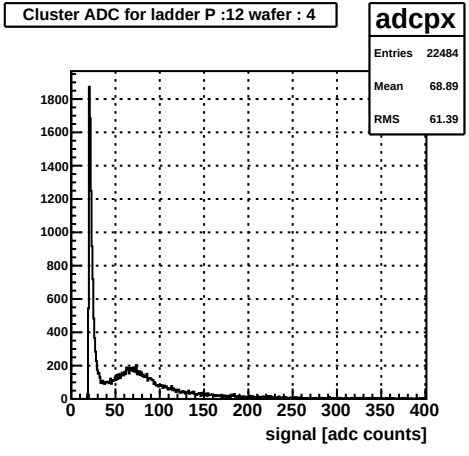

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 16010
Mean 95.04
RMS 65.88
signal [adc counts]

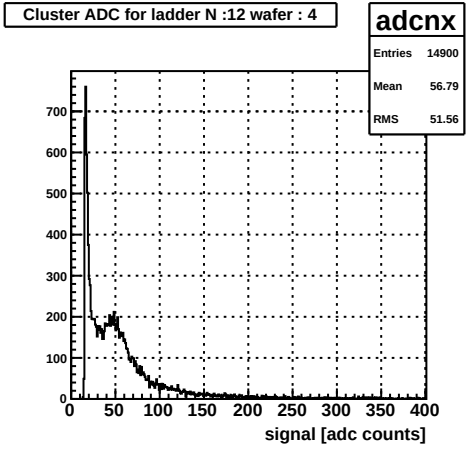

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 16491
Mean 57.22
RMS 52.81
signal [adc counts]

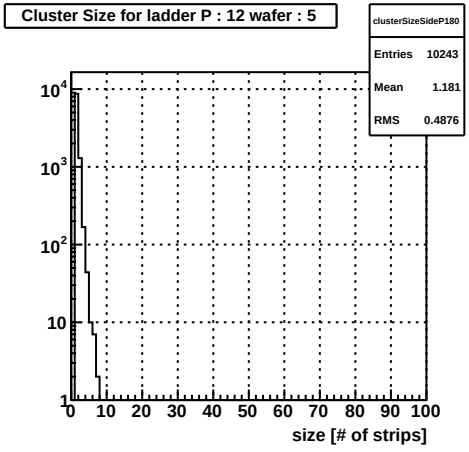

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 22484
Mean 1.312
RMS 0.6155
size [# of strips]

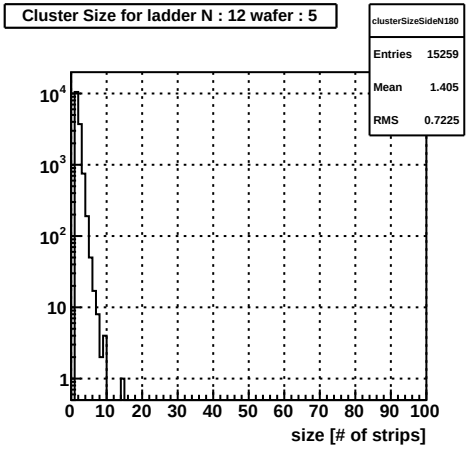

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 14900
Mean 1.458
RMS 0.7448
size [# of strips]

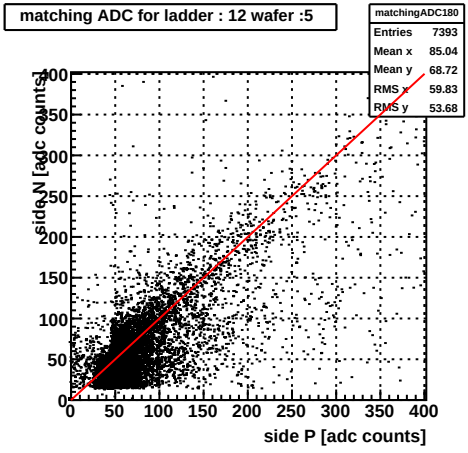

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 11294
Mean x 76.91
Mean y 60.53
RMS x 57.39
RMS y 49.47
side N [adc counts]
side P [adc counts]

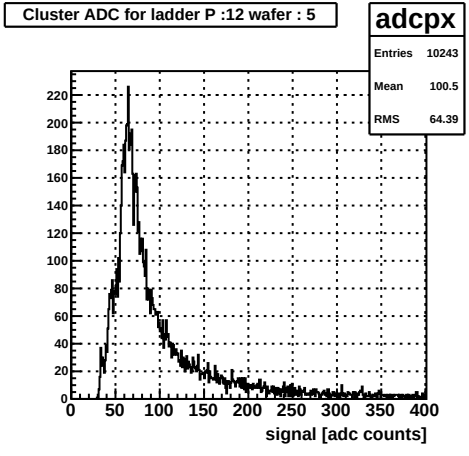

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 22484
Mean 68.89
RMS 61.39
signal [adc counts]

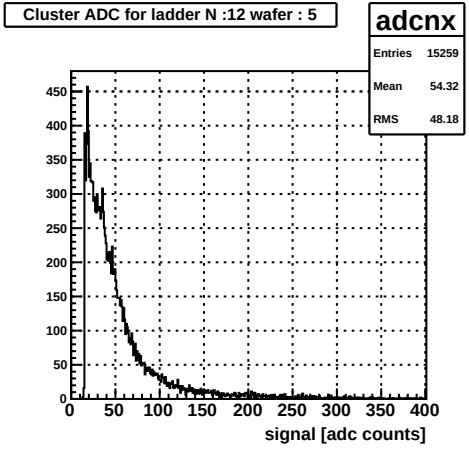

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 14900
Mean 56.79
RMS 51.56
signal [adc counts]

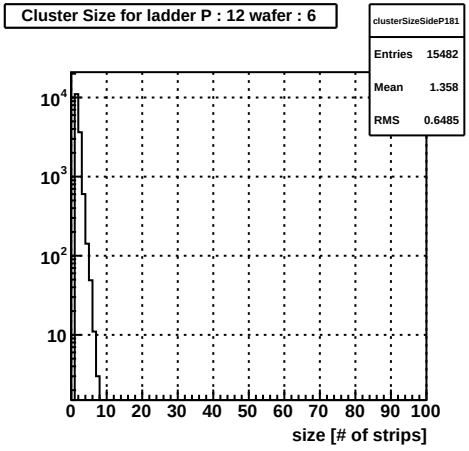

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 10243
Mean 1.181
RMS 0.4876
size [# of strips]

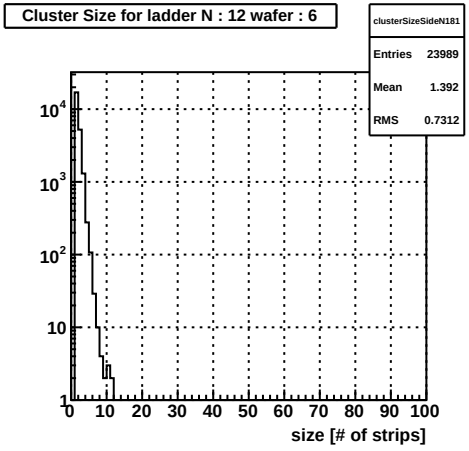

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 15259
Mean 1.405
RMS 0.7225
size [# of strips]

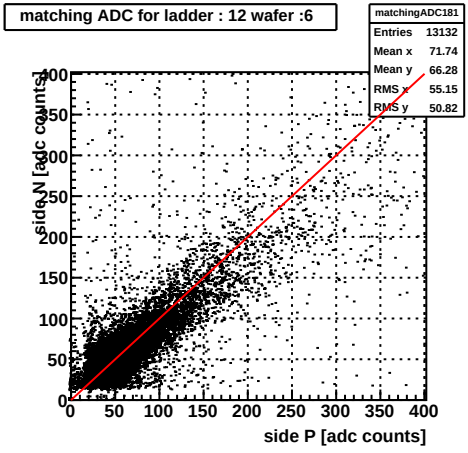

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 7393
Mean x 85.04
Mean y 68.72
RMS x 59.83
RMS y 53.68
side N [adc counts]
side P [adc counts]

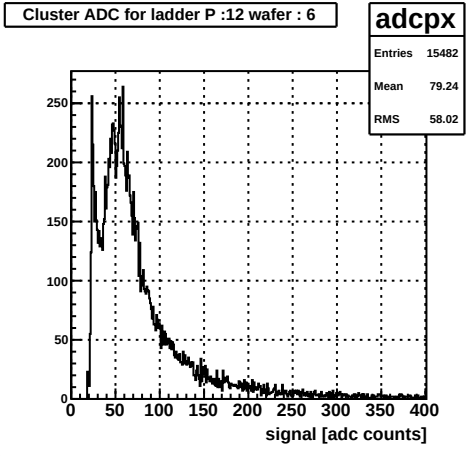

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 10243
Mean 100.5
RMS 64.39
signal [adc counts]

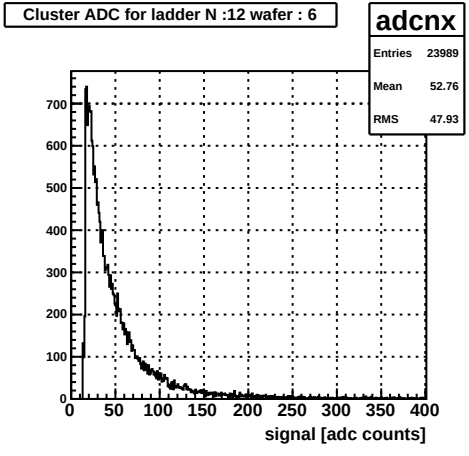

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 15259
Mean 54.32
RMS 48.18
signal [adc counts]

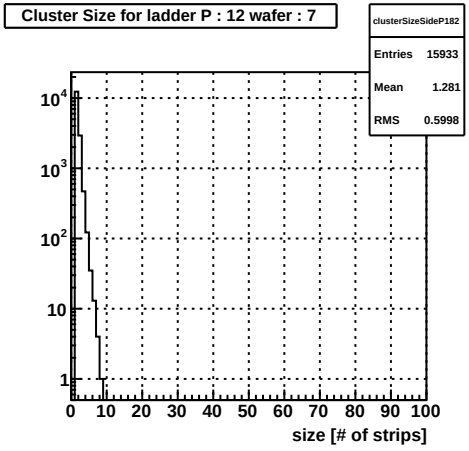

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 15482
Mean 1.358
RMS 0.6485
size [# of strips]

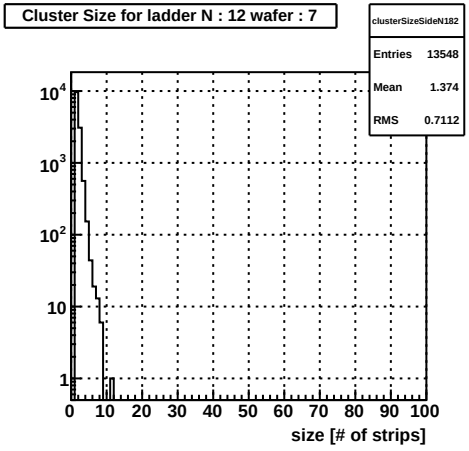

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 23989
Mean 1.392
RMS 0.7312
size [# of strips]

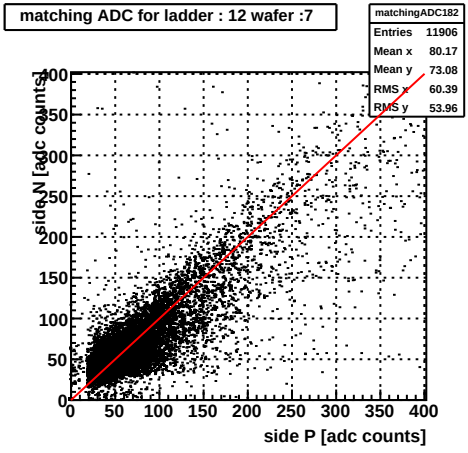

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 13132
Mean x 71.74
Mean y 66.28
RMS x 55.15
RMS y 50.82
side N [adc counts]
side P [adc counts]

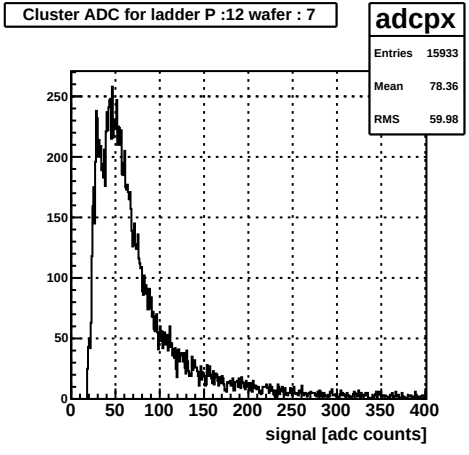

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 15482
Mean 79.24
RMS 58.02
signal [adc counts]

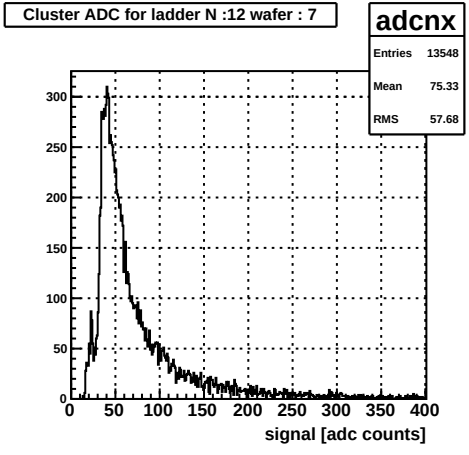

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 23989
Mean 52.76
RMS 47.93
signal [adc counts]

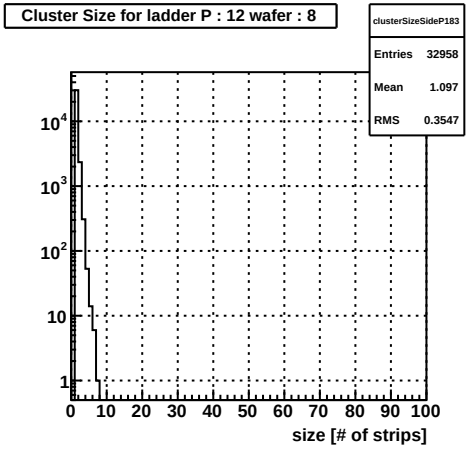

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 15933
Mean 1.281
RMS 0.5998
size [# of strips]

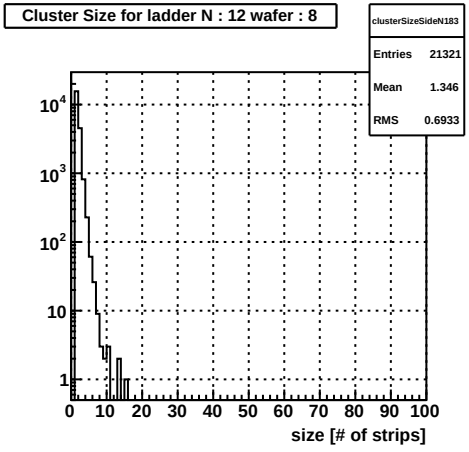

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 13548
Mean 1.374
RMS 0.7112
size [# of strips]

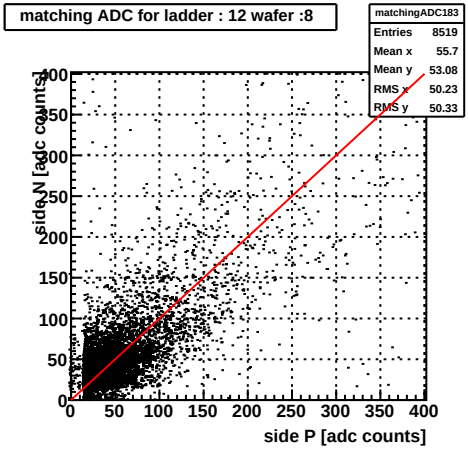

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 11906
Mean x 80.17
Mean y 73.08
RMS x 60.39
RMS y 53.96
side N [adc counts]
side P [adc counts]

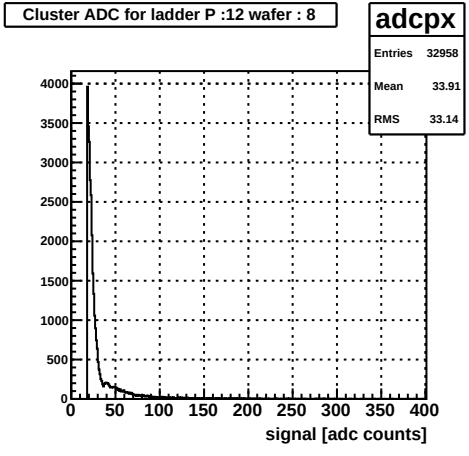

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 15933
Mean 78.36
RMS 59.98
signal [adc counts]

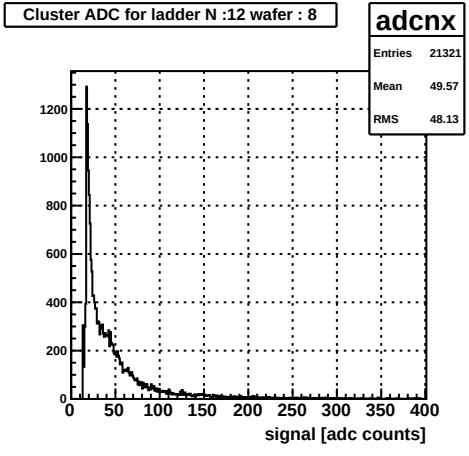

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 13548
Mean 75.33
RMS 57.68
signal [adc counts]

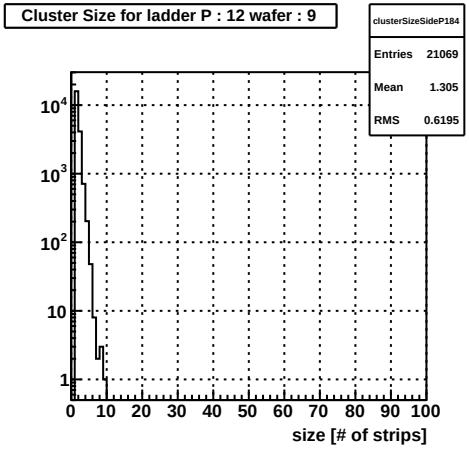

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 32958
Mean 1.097
RMS 0.3547
size [# of strips]

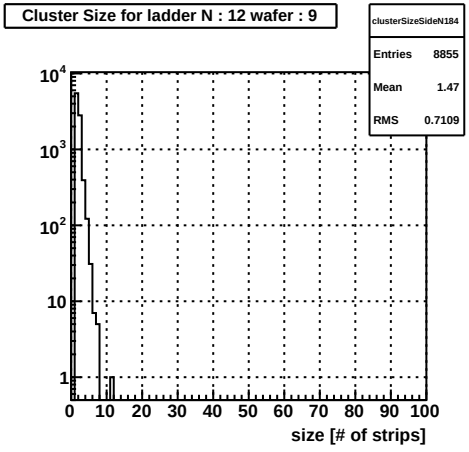

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 21321
Mean 1.346
RMS 0.6933
size [# of strips]

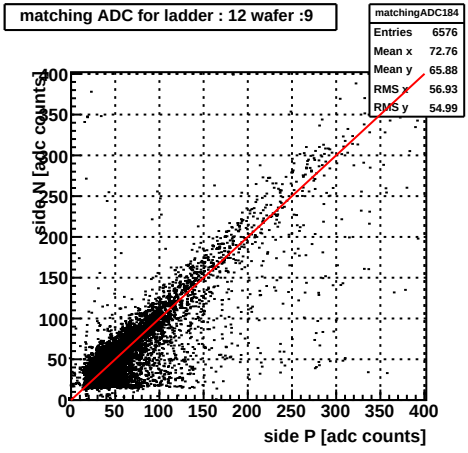

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 8519
Mean x 55.7
Mean y 53.08
RMS x 50.23
RMS y 50.33
side N [adc counts]
side P [adc counts]

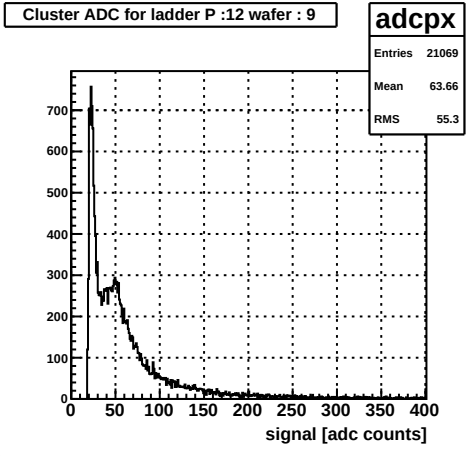

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 32958
Mean 33.91
RMS 33.14
signal [adc counts]

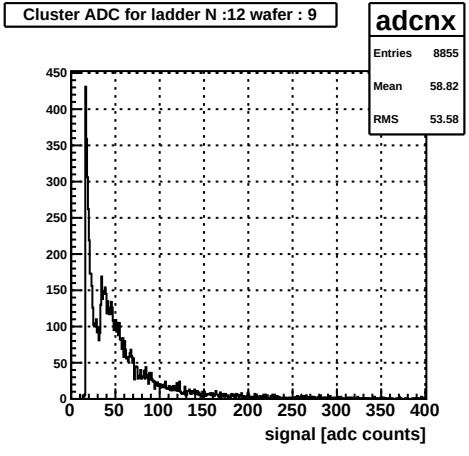

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 21321
Mean 49.57
RMS 48.13
signal [adc counts]

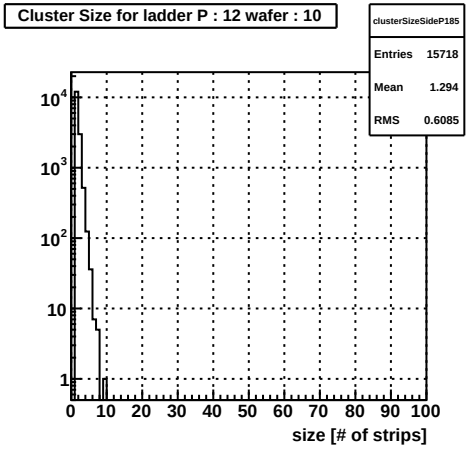

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 21069
Mean 1.305
RMS 0.6195
size [# of strips]

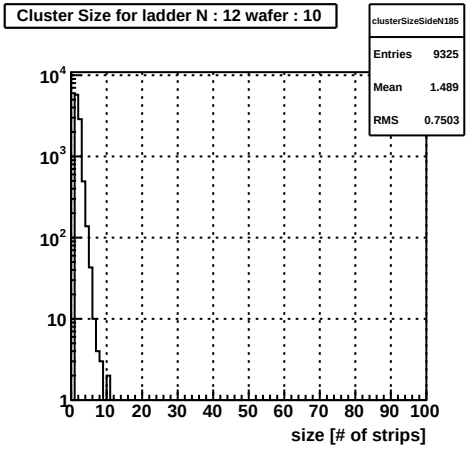

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8855
Mean 1.47
RMS 0.7109
size [# of strips]

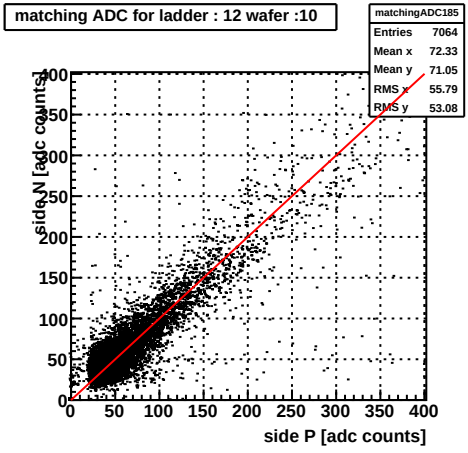

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6576
Mean x 72.76
Mean y 65.88
RMS x 56.93
RMS y 54.99
side N [adc counts]
side P [adc counts]

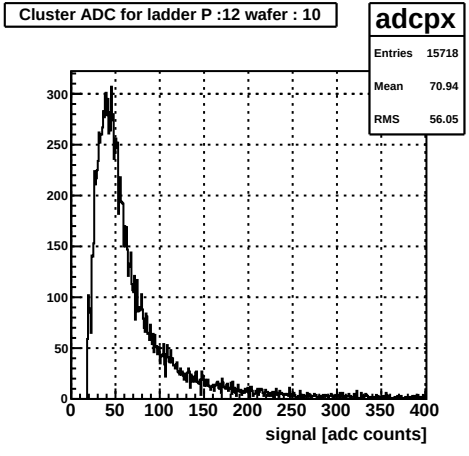

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 21069
Mean 63.66
RMS 55.3
signal [adc counts]

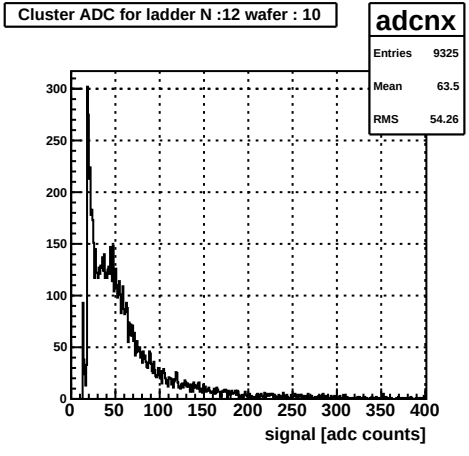

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8855
Mean 58.82
RMS 53.58
signal [adc counts]

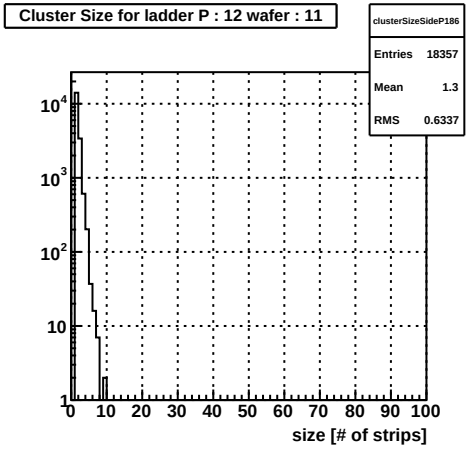

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 15718
Mean 1.294
RMS 0.6085
size [# of strips]

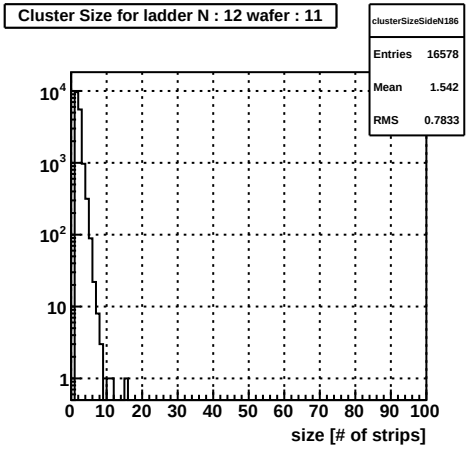

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 9325
Mean 1.489
RMS 0.7503
size [# of strips]

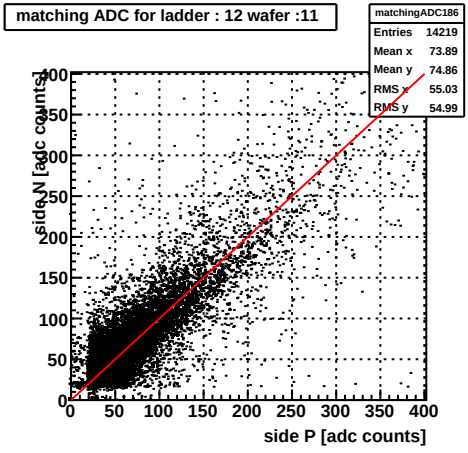

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 7064
Mean x 72.33
Mean y 71.05
RMS x 55.79
RMS y 53.08
side N [adc counts]
side P [adc counts]

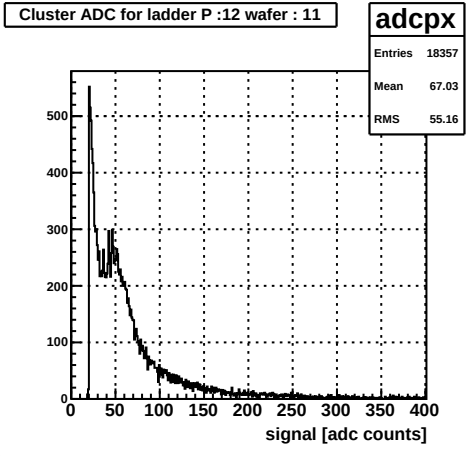

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 15718
Mean 70.94
RMS 56.05
signal [adc counts]

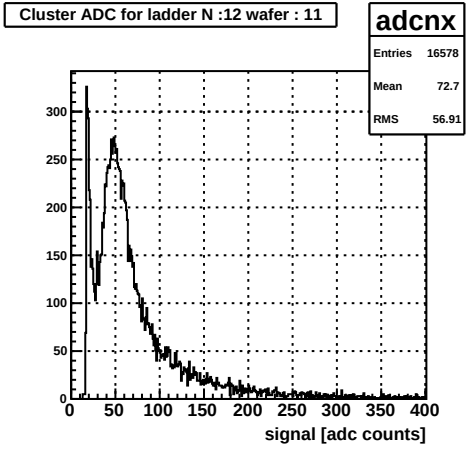

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 9325
Mean 63.5
RMS 54.26
signal [adc counts]

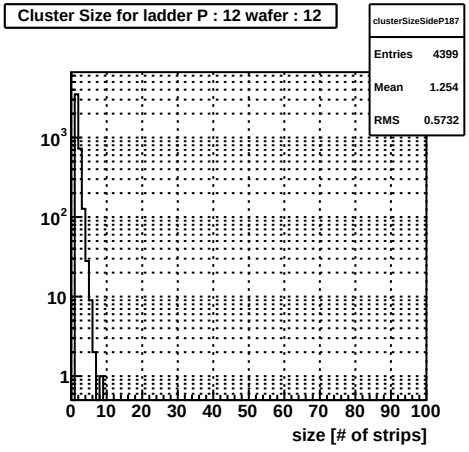

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 18357
Mean 1.3
RMS 0.6337
size [# of strips]

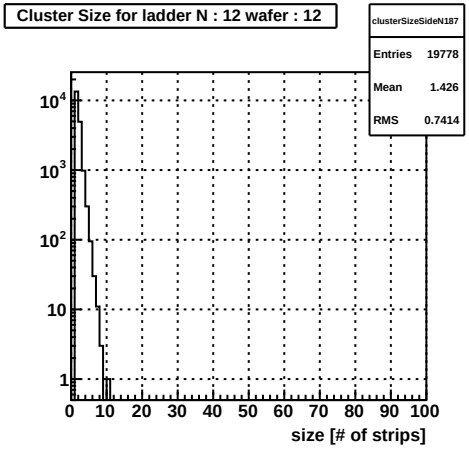

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 16578
Mean 1.542
RMS 0.7833
size [# of strips]

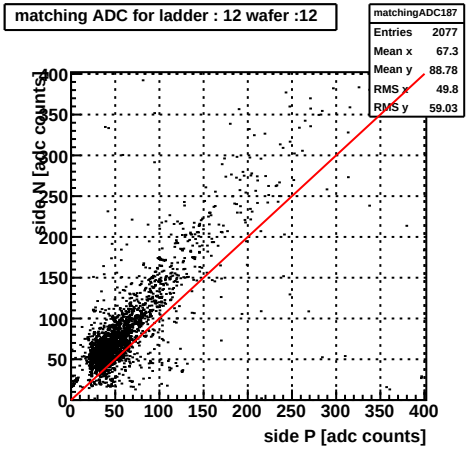

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 14219
Mean x 73.89
Mean y 74.86
RMS x 55.03
RMS y 54.99
side N [adc counts]
side P [adc counts]

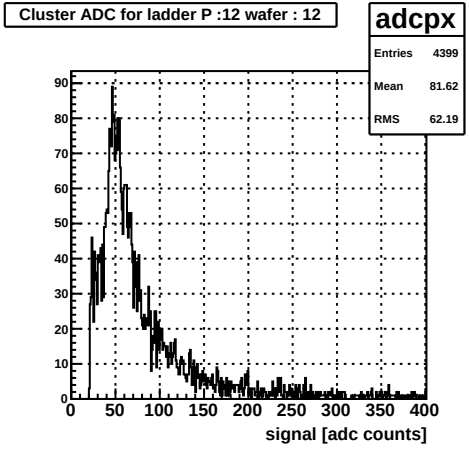

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 18357
Mean 67.03
RMS 55.16
signal [adc counts]

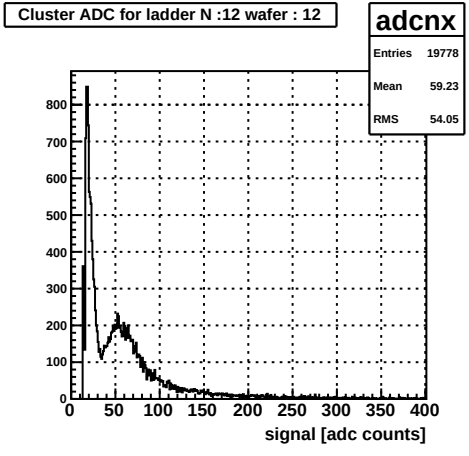

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 16578
Mean 72.7
RMS 56.91
signal [adc counts]

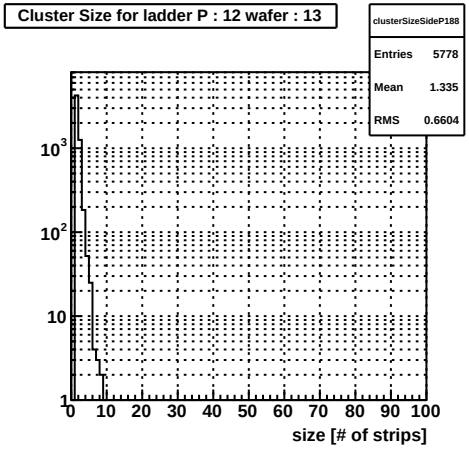

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4399
Mean 1.254
RMS 0.5732
size [# of strips]

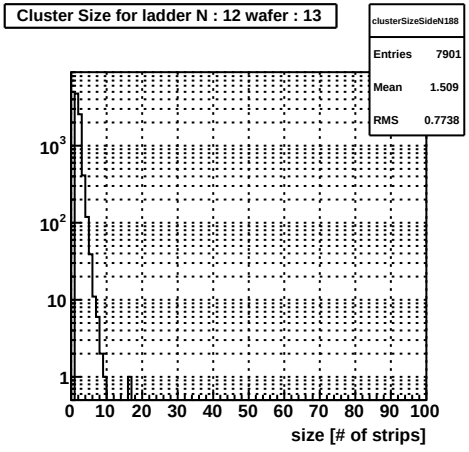

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 19778
Mean 1.426
RMS 0.7414
size [# of strips]

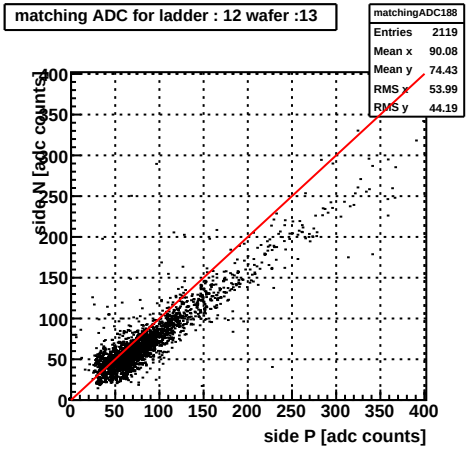

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2077
Mean x 67.3
Mean y 88.78
RMS x 49.8
RMS y 59.03
side N [adc counts]
side P [adc counts]

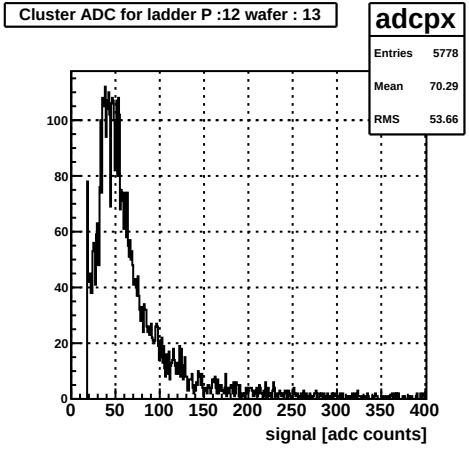

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4399
Mean 81.62
RMS 62.19
signal [adc counts]

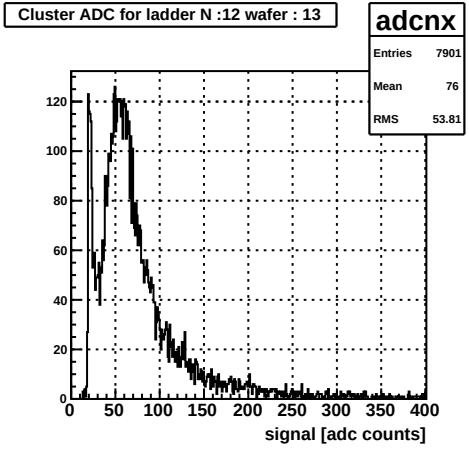

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 19778
Mean 59.23
RMS 54.05
signal [adc counts]

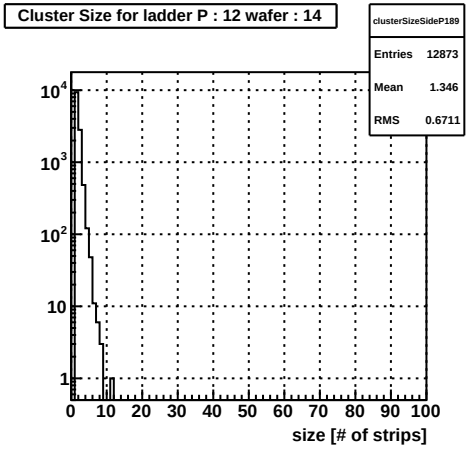

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 5778
Mean 1.335
RMS 0.6604
size [# of strips]

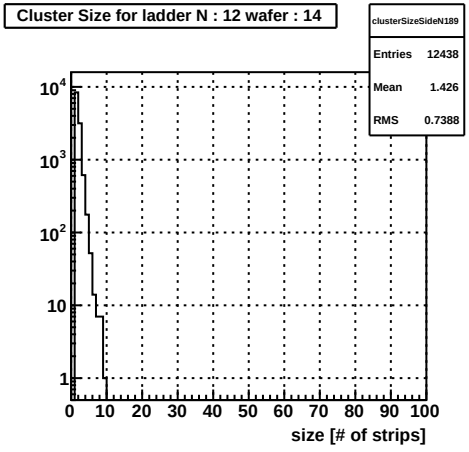

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 7901
Mean 1.509
RMS 0.7738
size [# of strips]

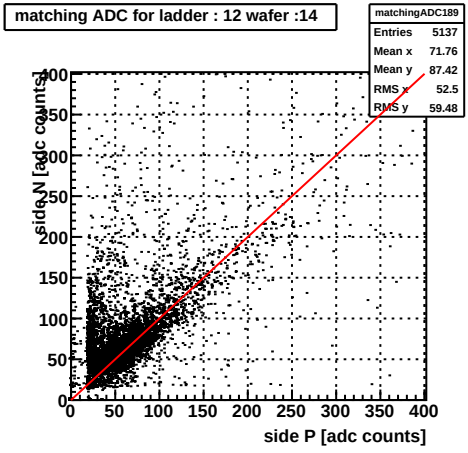

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 2119
Mean x 90.08
Mean y 74.43
RMS x 53.99
RMS y 44.19
side N [adc counts]
side P [adc counts]

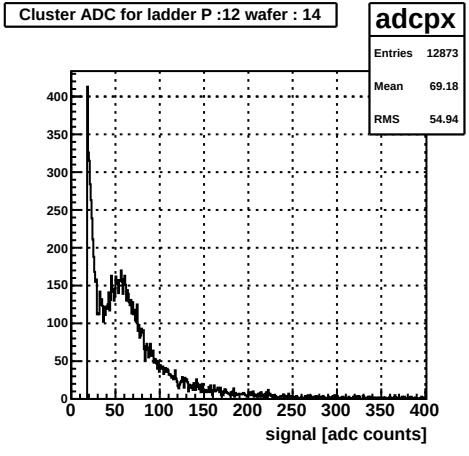

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 5778
Mean 70.29
RMS 53.66
signal [adc counts]

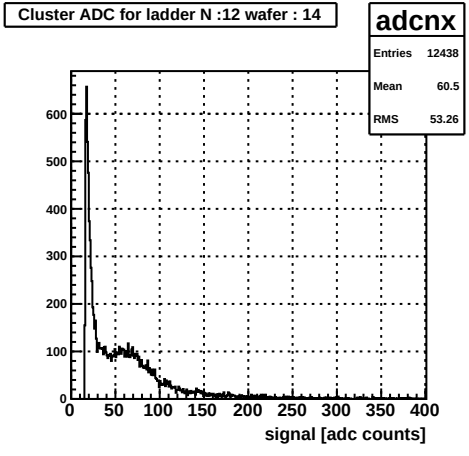

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 7901
Mean 76
RMS 53.81
signal [adc counts]

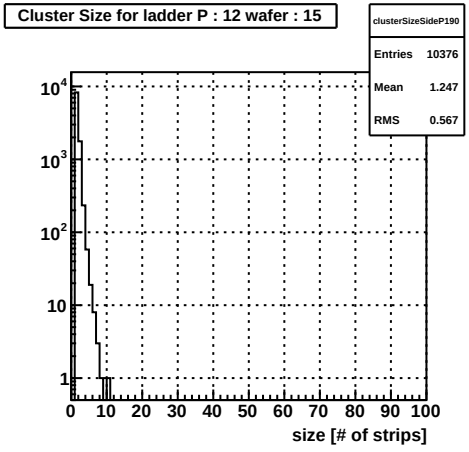

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 12873
Mean 1.346
RMS 0.6711
size [# of strips]

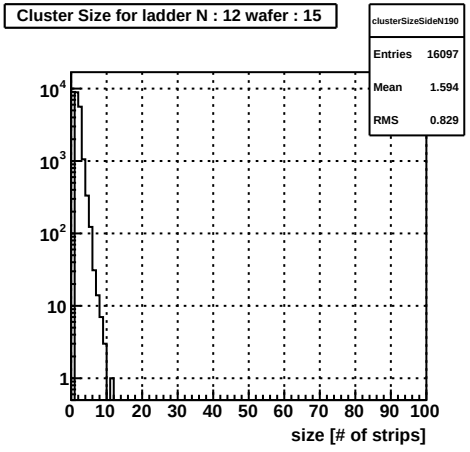

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 12438
Mean 1.426
RMS 0.7388
size [# of strips]

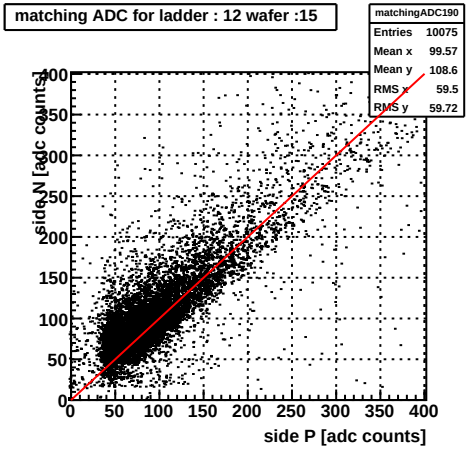

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 5137
Mean x 71.76
Mean y 87.42
RMS x 52.5
RMS y 59.48
side N [adc counts]
side P [adc counts]

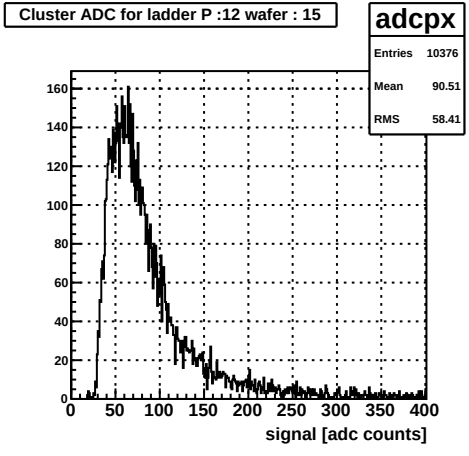

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 12873
Mean 69.18
RMS 54.94
signal [adc counts]

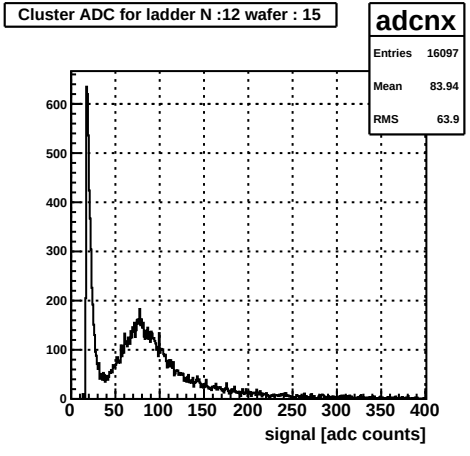

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 12438
Mean 60.5
RMS 53.26
signal [adc counts]

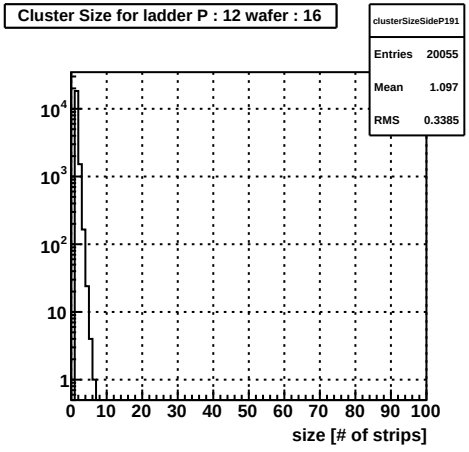

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 10376
Mean 1.247
RMS 0.567
size [# of strips]

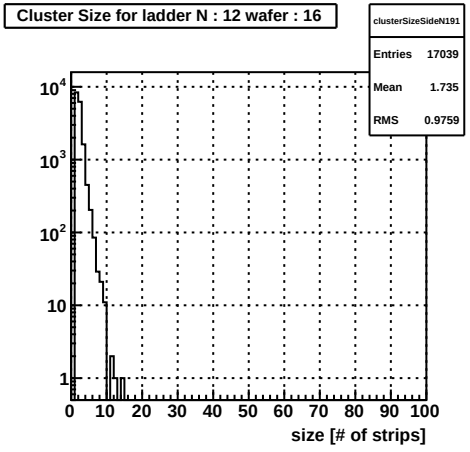

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 16097
Mean 1.594
RMS 0.829
size [# of strips]

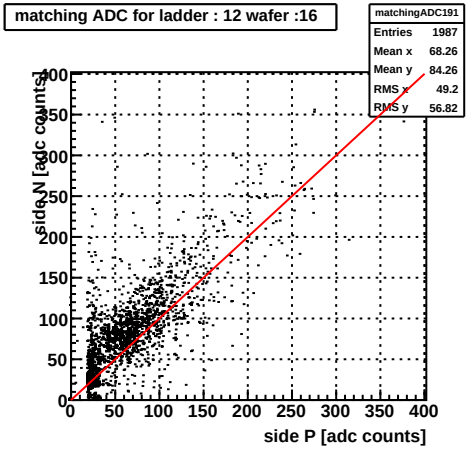

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 10075
Mean x 99.57
Mean y 108.6
RMS x 59.5
RMS y 59.72
side N [adc counts]
side P [adc counts]

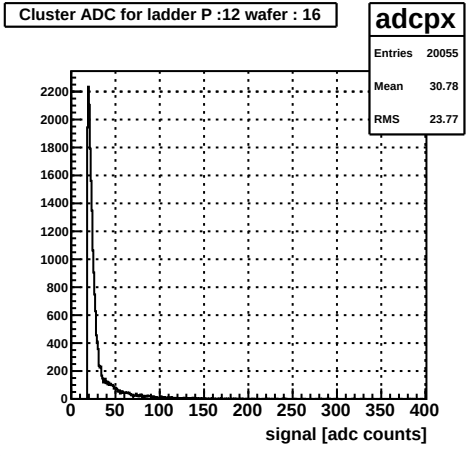

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 10376
Mean 90.51
RMS 58.41
signal [adc counts]

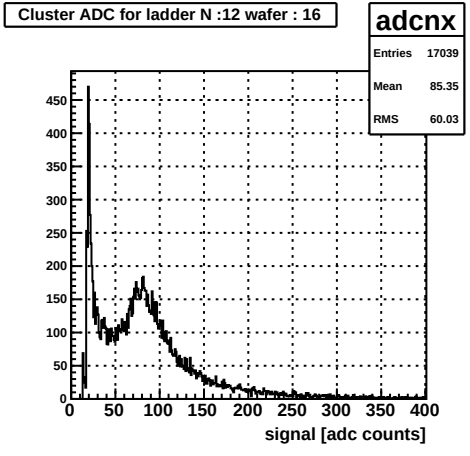

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 16097
Mean 83.94
RMS 63.9
signal [adc counts]

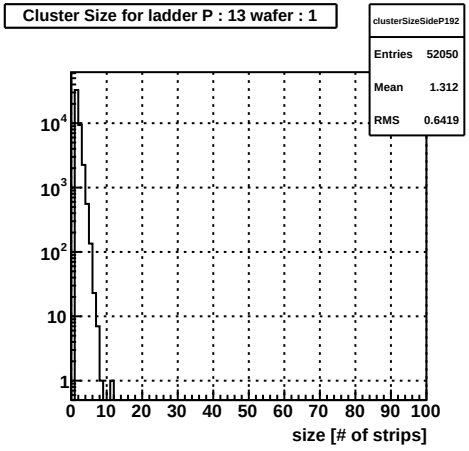

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 20055
Mean 1.097
RMS 0.3385
size [# of strips]

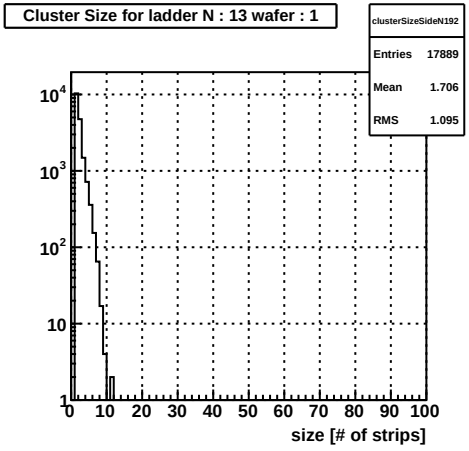

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 17039
Mean 1.735
RMS 0.9759
size [# of strips]

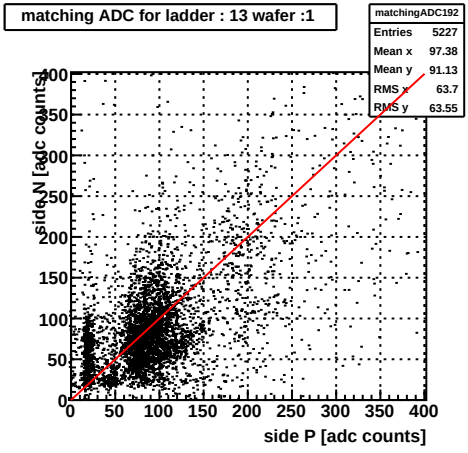

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1987
Mean x 68.26
Mean y 84.26
RMS x 49.2
RMS y 56.82
side N [adc counts]
side P [adc counts]

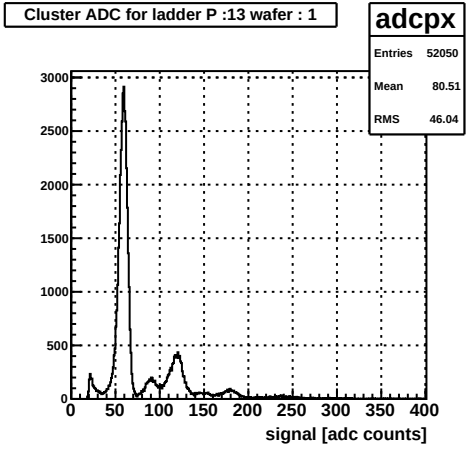

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 20055
Mean 30.78
RMS 23.77
signal [adc counts]

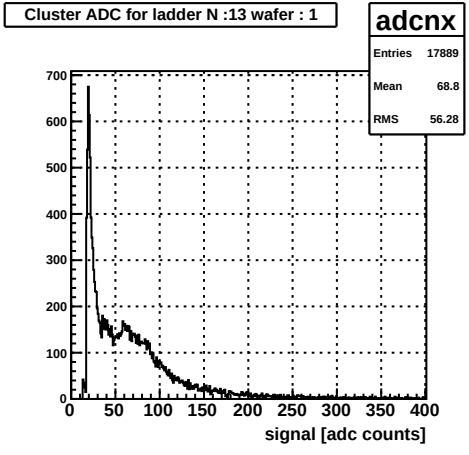

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 17039
Mean 85.35
RMS 60.03
signal [adc counts]

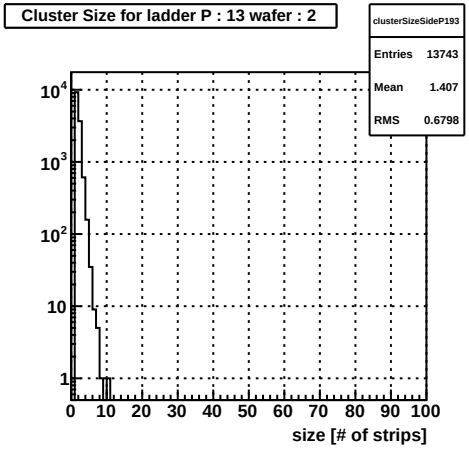

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 52050
Mean 1.312
RMS 0.6419
size [# of strips]

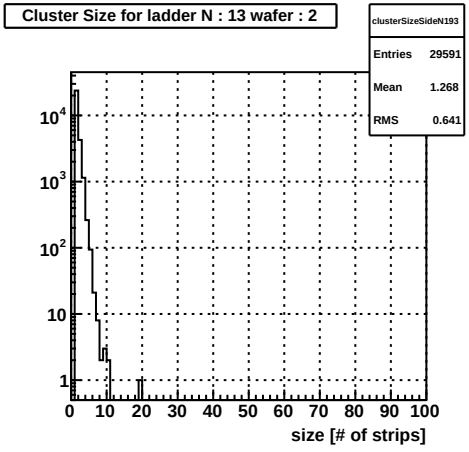

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 17889
Mean 1.706
RMS 1.095
size [# of strips]

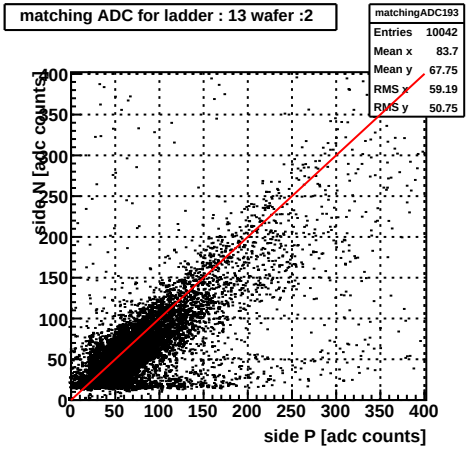

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 5227
Mean x 97.38
Mean y 91.13
RMS x 63.7
RMS y 63.55
side N [adc counts]
side P [adc counts]

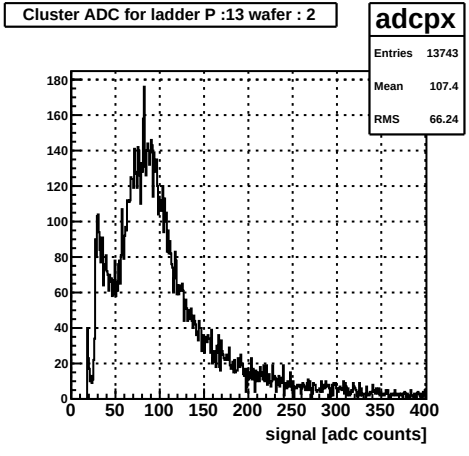

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 52050
Mean 80.51
RMS 46.04
signal [adc counts]

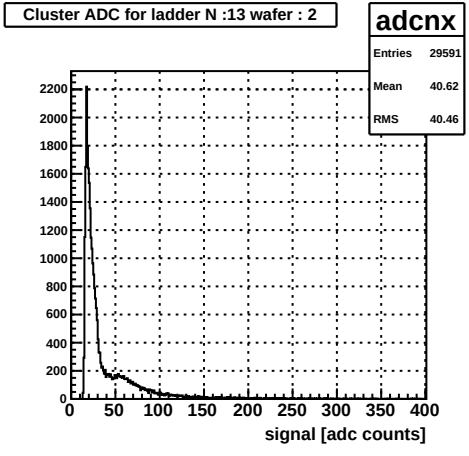

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 17889
Mean 68.8
RMS 56.28
signal [adc counts]

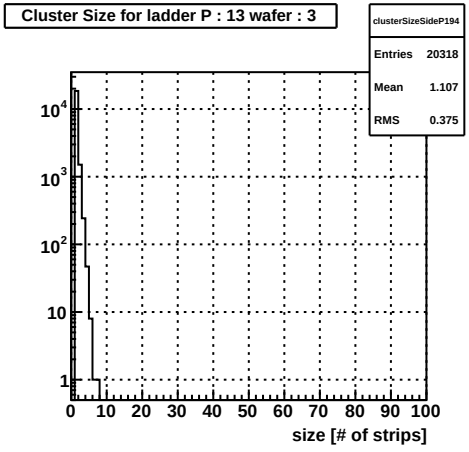

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 13743
Mean 1.407
RMS 0.6798
size [# of strips]

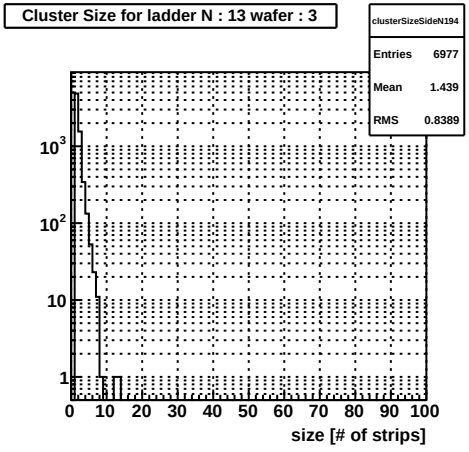

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 29591
Mean 1.268
RMS 0.641
size [# of strips]

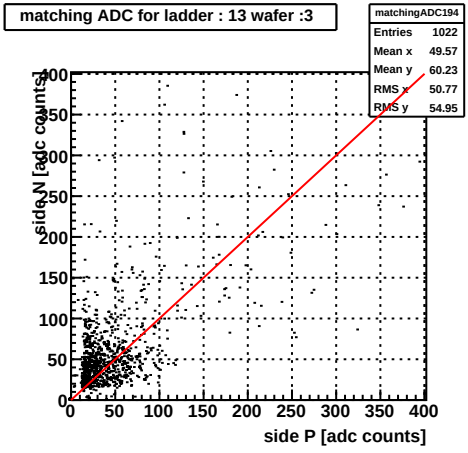

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 10042
Mean x 83.7
Mean y 67.75
RMS x 59.19
RMS y 50.75
side N [adc counts]
side P [adc counts]

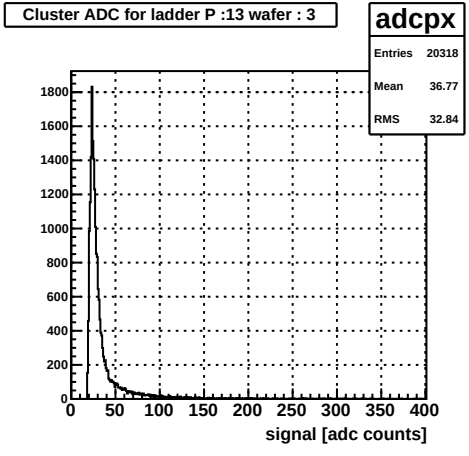

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 13743
Mean 107.4
RMS 66.24
signal [adc counts]

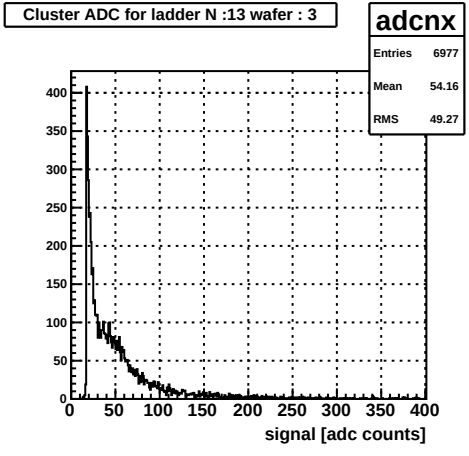

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 29591
Mean 40.62
RMS 40.46
signal [adc counts]

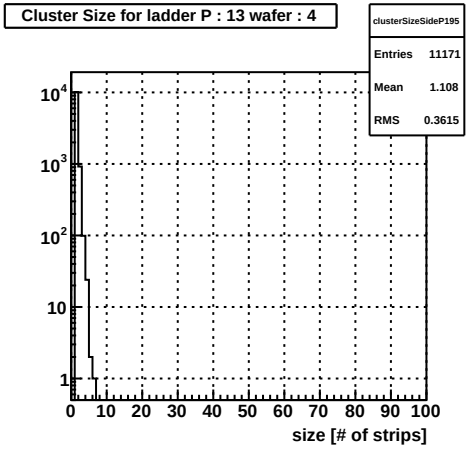

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 20318
Mean 1.107
RMS 0.375
size [# of strips]

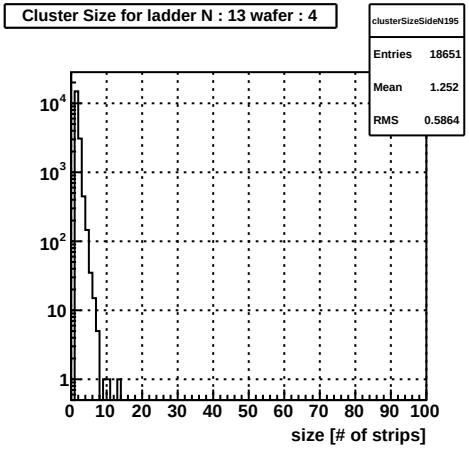

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 6977
Mean 1.439
RMS 0.8389
size [# of strips]

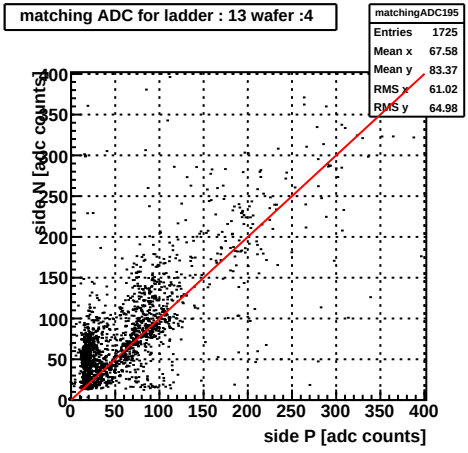

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 1022
Mean x 49.57
Mean y 60.23
RMS x 50.77
RMS y 54.95
side N [adc counts]
side P [adc counts]

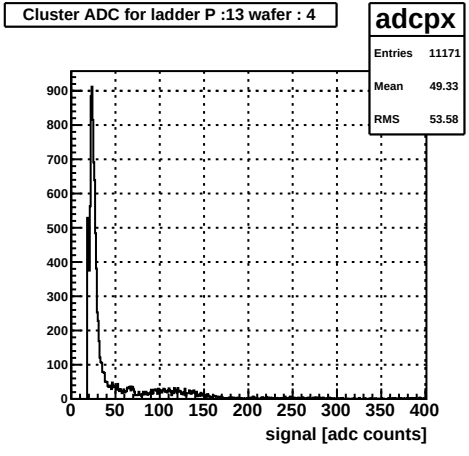

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 20318
Mean 36.77
RMS 32.84
signal [adc counts]

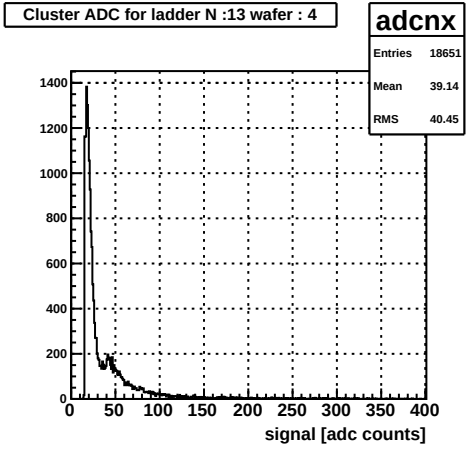

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 6977
Mean 54.16
RMS 49.27
signal [adc counts]

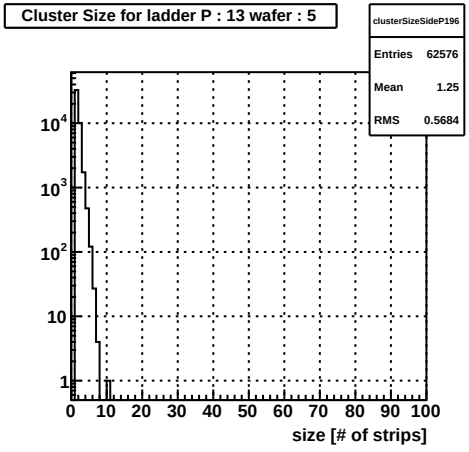

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 11171
Mean 1.108
RMS 0.3615
size [# of strips]

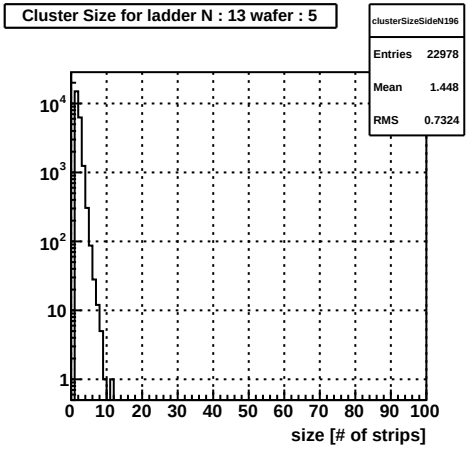

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 18651
Mean 1.252
RMS 0.5864
size [# of strips]

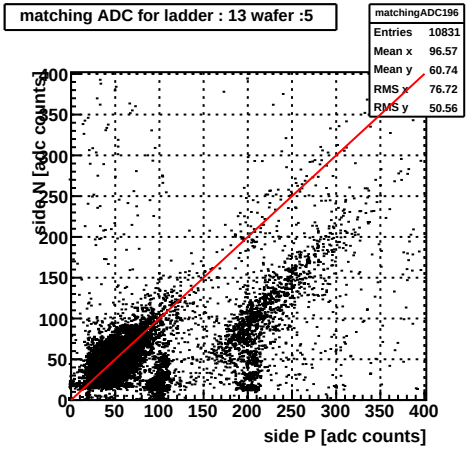

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 1725
Mean x 67.58
Mean y 83.37
RMS x 61.02
RMS y 64.98
side N [adc counts]
side P [adc counts]

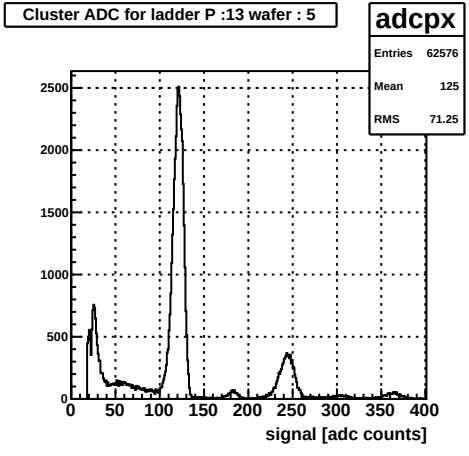

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 11171
Mean 49.33
RMS 53.58
signal [adc counts]

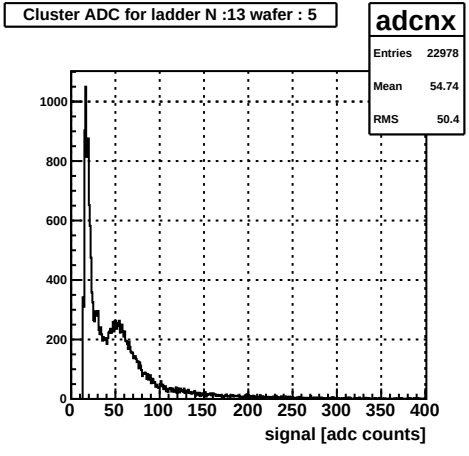

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 18651
Mean 39.14
RMS 40.45
signal [adc counts]

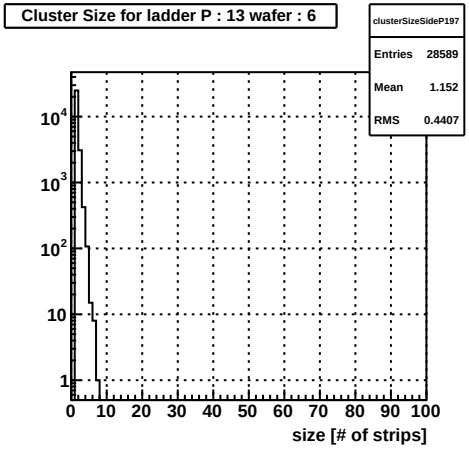

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 62576
Mean 1.25
RMS 0.5684
size [# of strips]

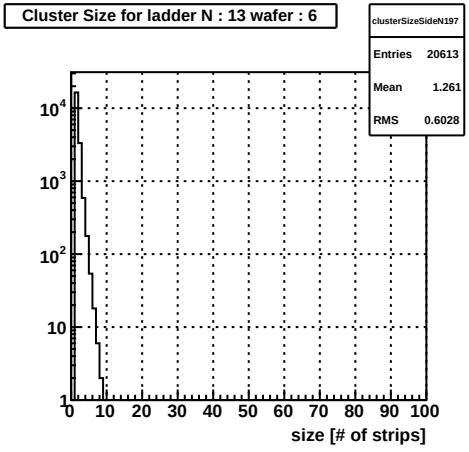

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 22978
Mean 1.448
RMS 0.7324
size [# of strips]

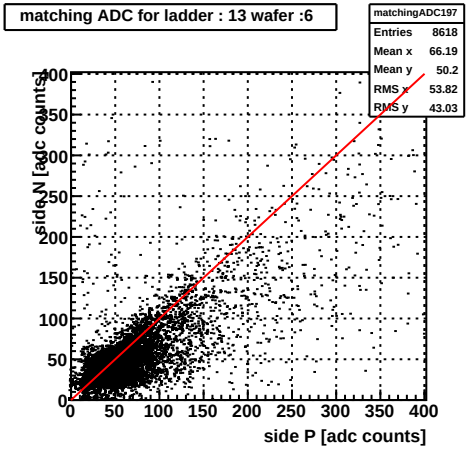

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 10831
Mean x 96.57
Mean y 60.74
RMS x 76.72
RMS y 50.56
side N [adc counts]
side P [adc counts]

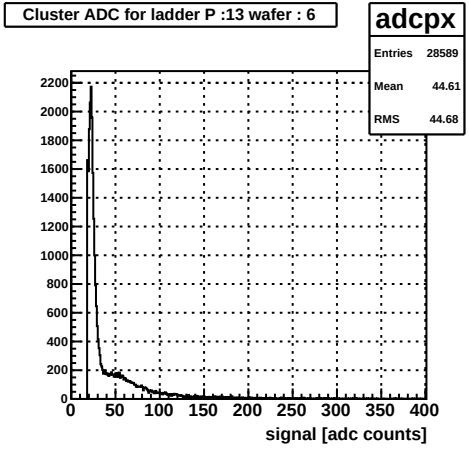

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 62576
Mean 125
RMS 71.25
signal [adc counts]

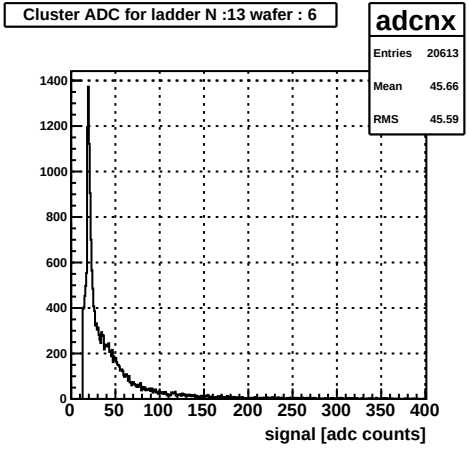

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 22978
Mean 54.74
RMS 50.4
signal [adc counts]

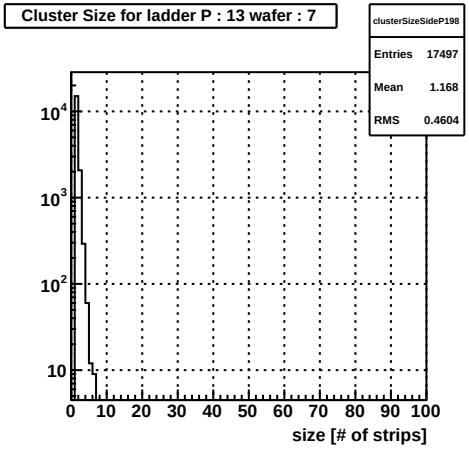

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 28589
Mean 1.152
RMS 0.4407
size [# of strips]

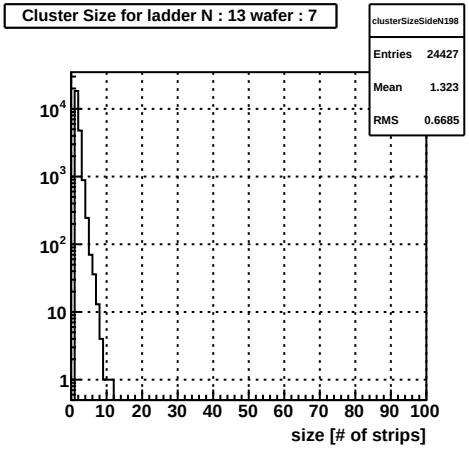

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 20613
Mean 1.261
RMS 0.6028
size [# of strips]

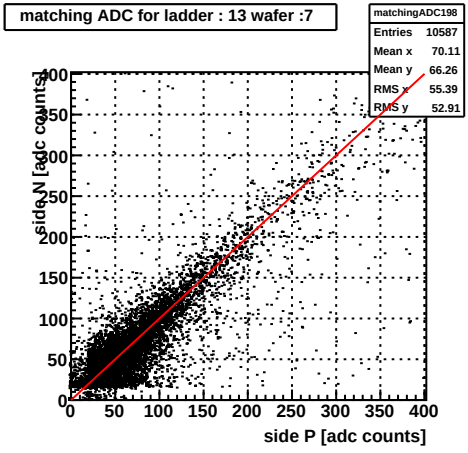

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 8618
Mean x 66.19
Mean y 50.2
RMS x 53.82
RMS y 43.03
side N [adc counts]
side P [adc counts]

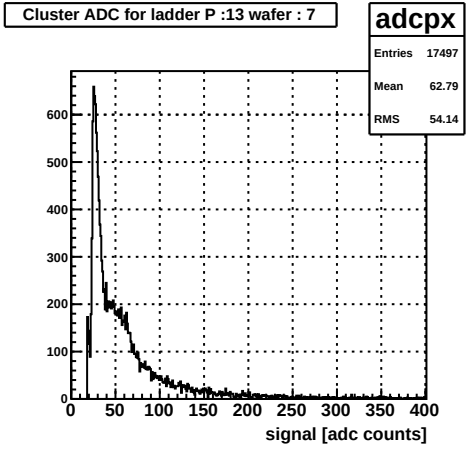

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 28589
Mean 44.61
RMS 44.68
signal [adc counts]

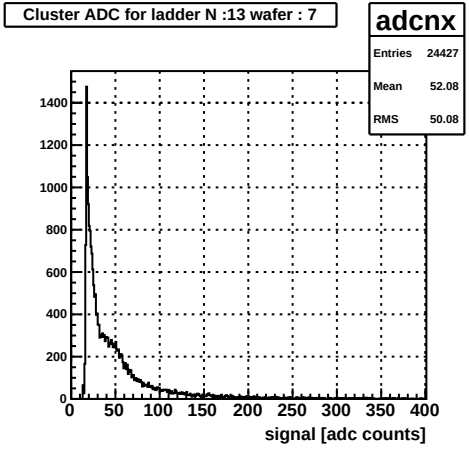

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 20613
Mean 45.66
RMS 45.59
signal [adc counts]

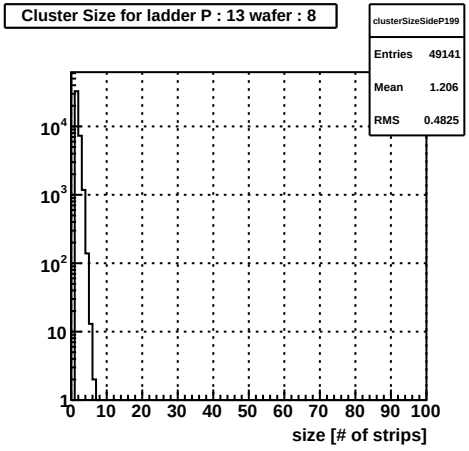

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 17497
Mean 1.168
RMS 0.4604
size [# of strips]

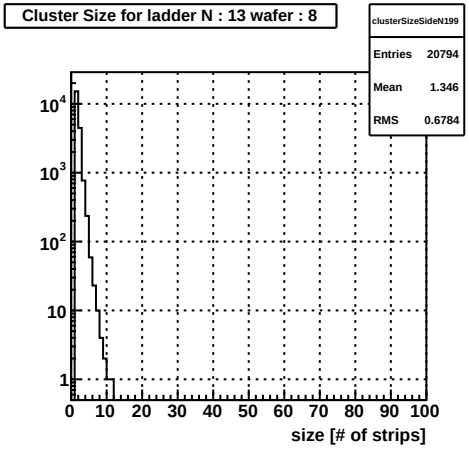

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 24427
Mean 1.323
RMS 0.6685
size [# of strips]

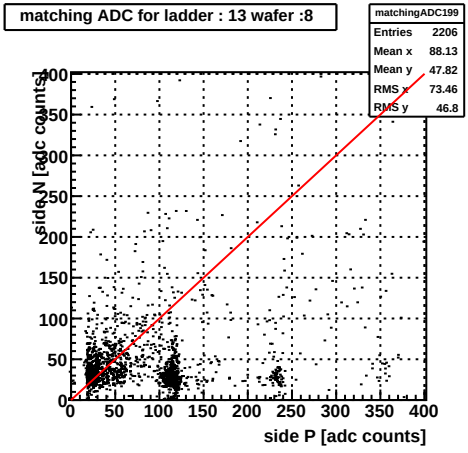

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 10587
Mean x 70.11
Mean y 66.26
RMS x 55.39
RMS y 52.91
side N [adc counts]
side P [adc counts]

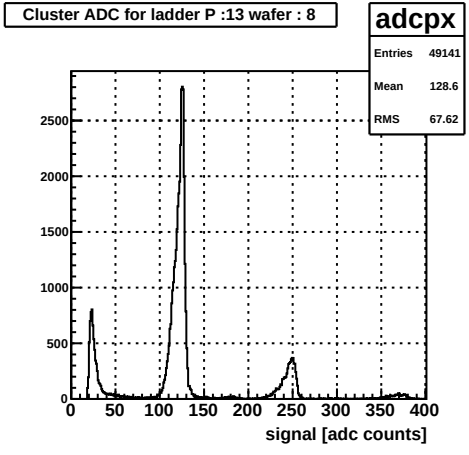

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 17497
Mean 62.79
RMS 54.14
signal [adc counts]

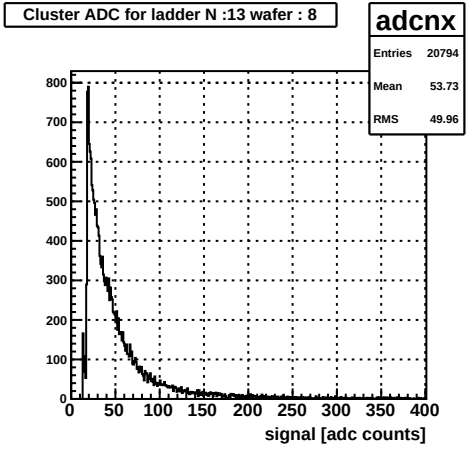

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 24427
Mean 52.08
RMS 50.08
signal [adc counts]

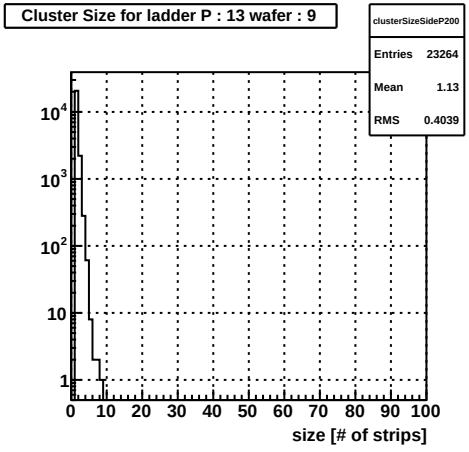

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 49141
Mean 1.206
RMS 0.4825
size [# of strips]

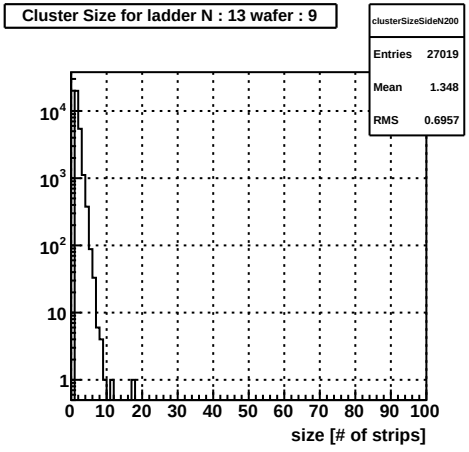

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 20794
Mean 1.346
RMS 0.6784
size [# of strips]

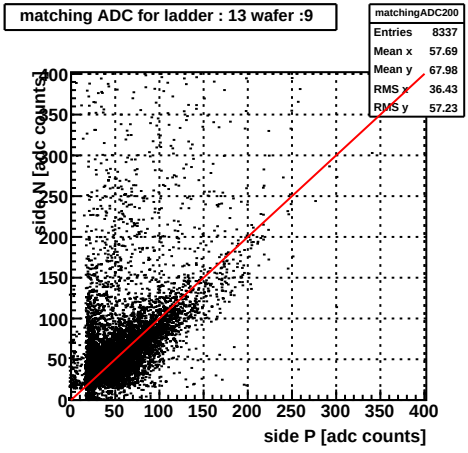

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 2206
Mean x 88.13
Mean y 47.82
RMS x 73.46
RMS y 46.8
side N [adc counts]
side P [adc counts]

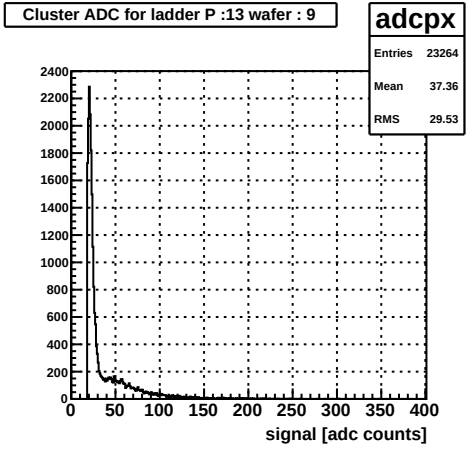

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 49141
Mean 128.6
RMS 67.62
signal [adc counts]

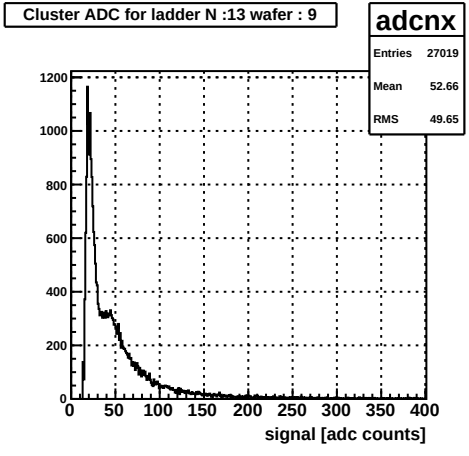

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 20794
Mean 53.73
RMS 49.96
signal [adc counts]

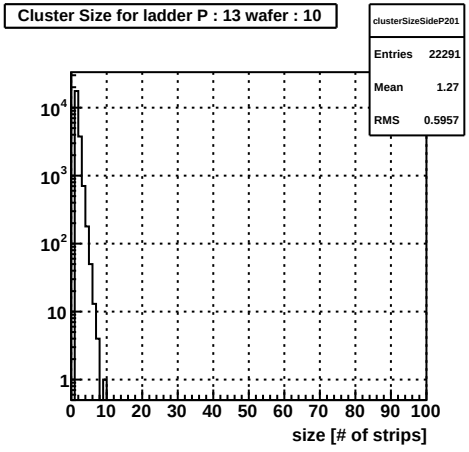

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 23264
Mean 1.13
RMS 0.4039
size [# of strips]

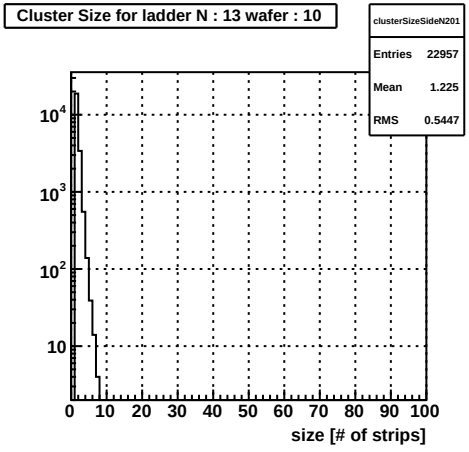

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 27019
Mean 1.348
RMS 0.6957
size [# of strips]

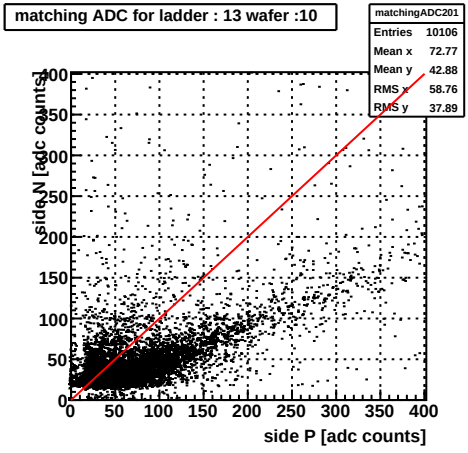

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 8337
Mean x 57.69
Mean y 67.98
RMS x 36.43
RMS y 57.23
side N [adc counts]
side P [adc counts]

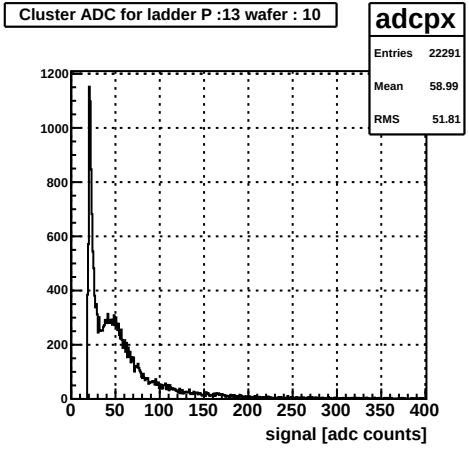

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 23264
Mean 37.36
RMS 29.53
signal [adc counts]

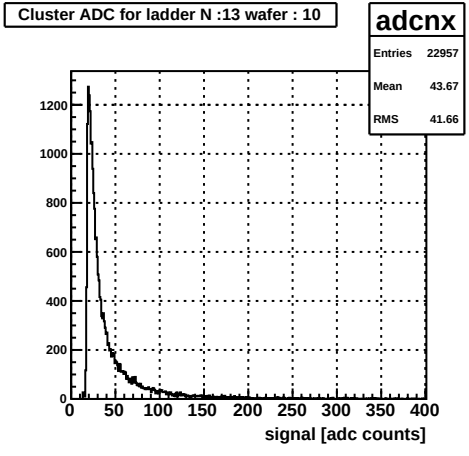

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 27019
Mean 52.66
RMS 49.65
signal [adc counts]

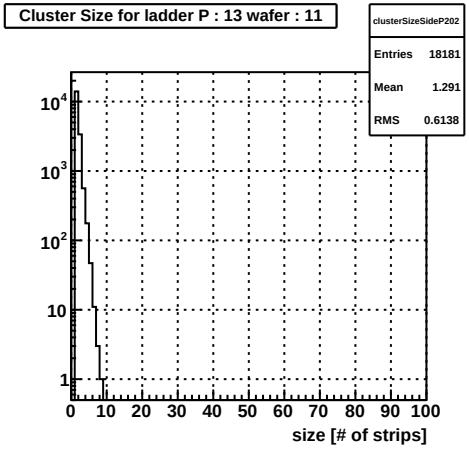

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 22291
Mean 1.27
RMS 0.5957
size [# of strips]

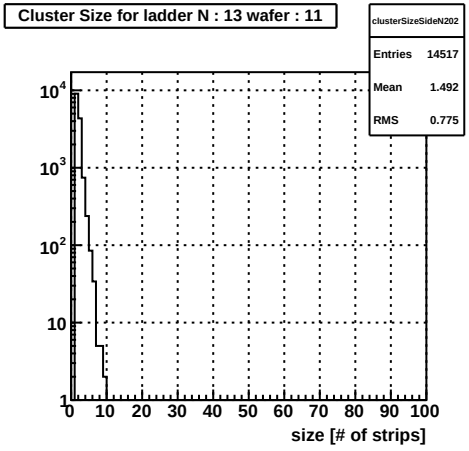

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 22957
Mean 1.225
RMS 0.5447
size [# of strips]

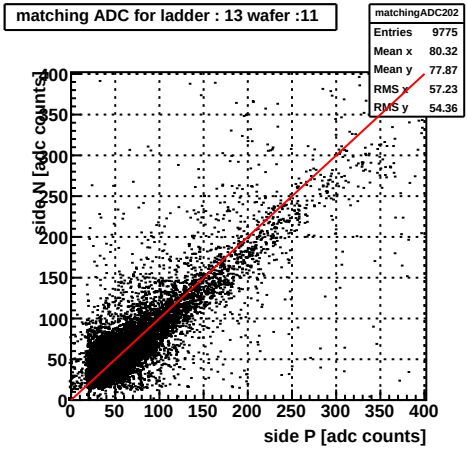

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 10106
Mean x 72.77
Mean y 42.88
RMS x 58.76
RMS y 37.89
side N [adc counts]
side P [adc counts]

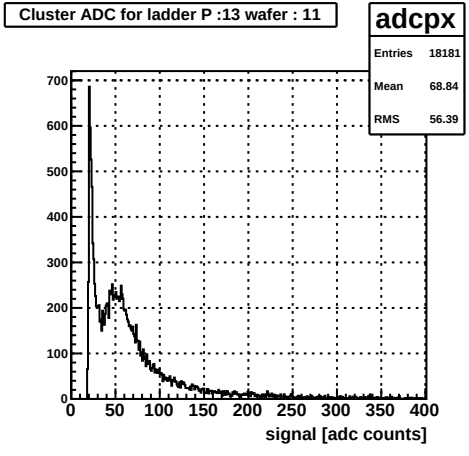

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 22291
Mean 58.99
RMS 51.81
signal [adc counts]

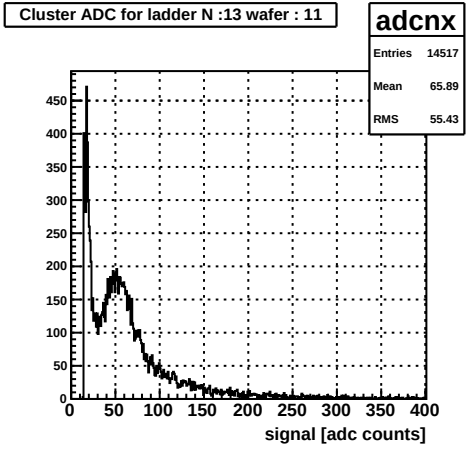

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 22957
Mean 43.67
RMS 41.66
signal [adc counts]

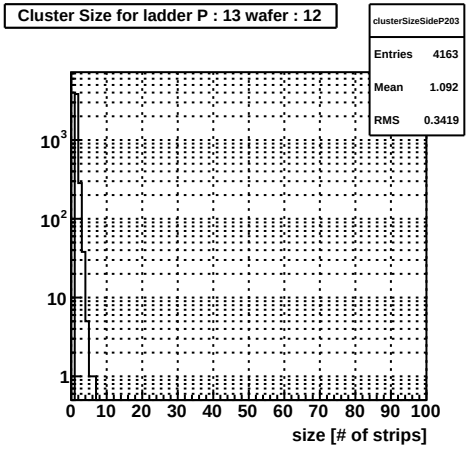

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 18181
Mean 1.291
RMS 0.6138
size [# of strips]

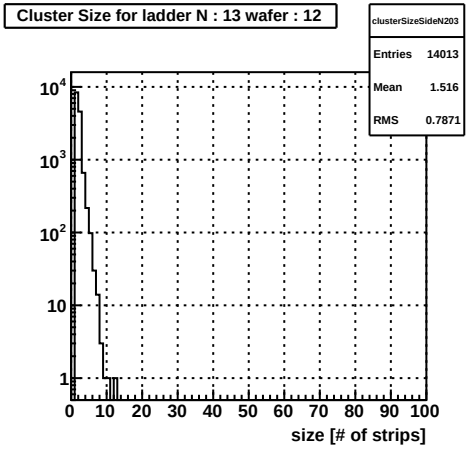

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 14517
Mean 1.492
RMS 0.775
size [# of strips]

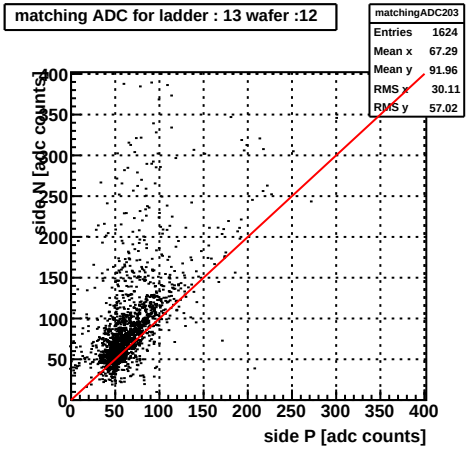

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 9775
Mean x 80.32
Mean y 77.87
RMS x 57.23
RMS y 54.36
side N [adc counts]
side P [adc counts]

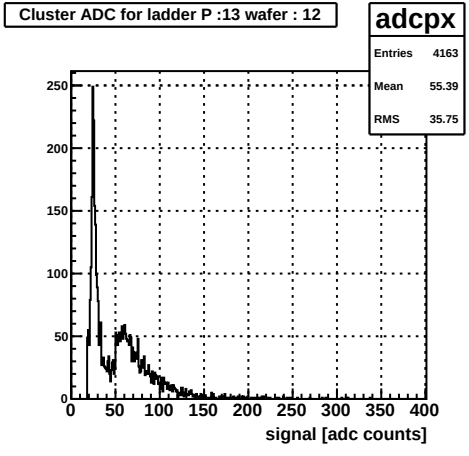

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 18181
Mean 68.84
RMS 56.39
signal [adc counts]

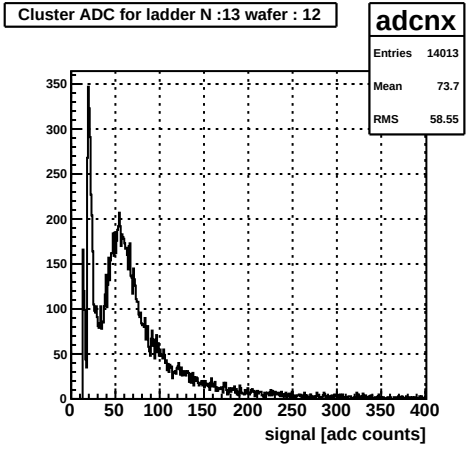

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 14517
Mean 65.89
RMS 55.43
signal [adc counts]

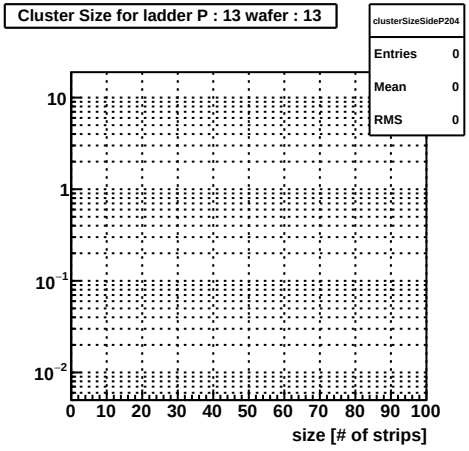

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4163
Mean 1.092
RMS 0.3419
size [# of strips]

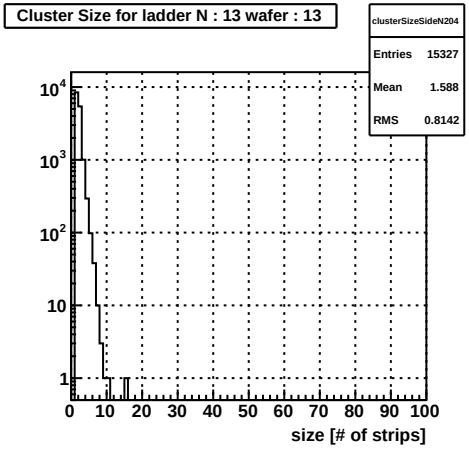

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 14013
Mean 1.516
RMS 0.7871
size [# of strips]

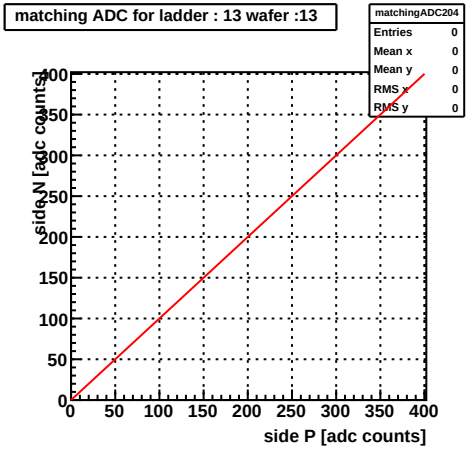

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1624
Mean x 67.29
Mean y 91.96
RMS x 30.11
RMS y 57.02
side N [adc counts]
side P [adc counts]

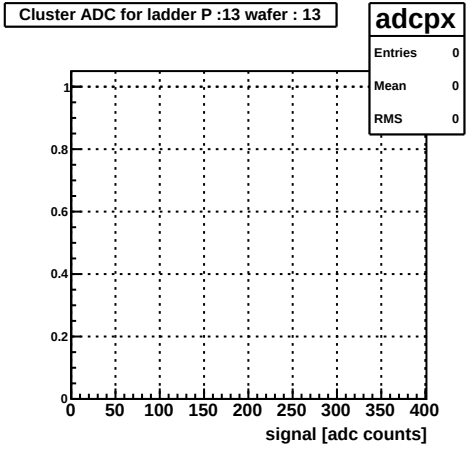

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4163
Mean 55.39
RMS 35.75
signal [adc counts]

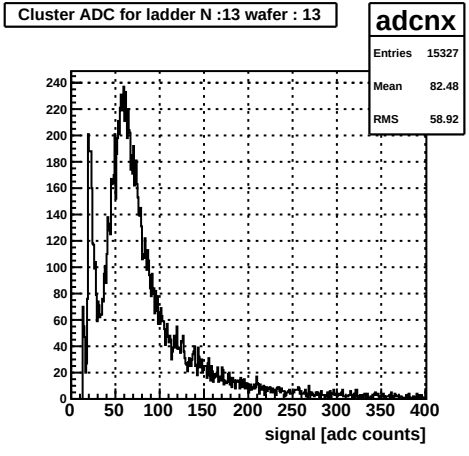

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 14013
Mean 73.7
RMS 58.55
signal [adc counts]

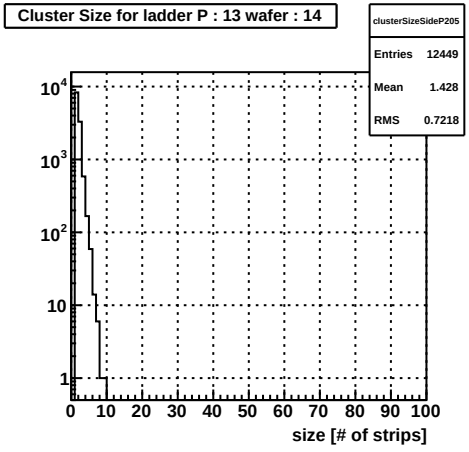

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 0
Mean 0
RMS 0
size [# of strips]

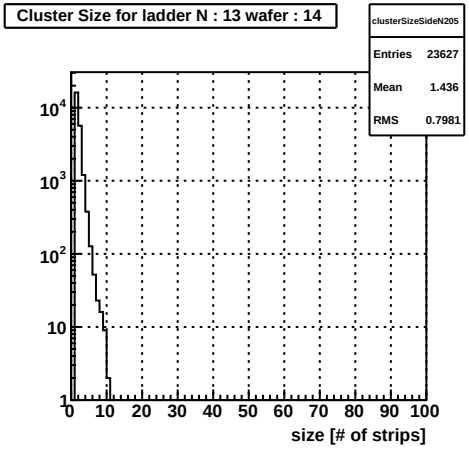

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 15327
Mean 1.588
RMS 0.8142
size [# of strips]

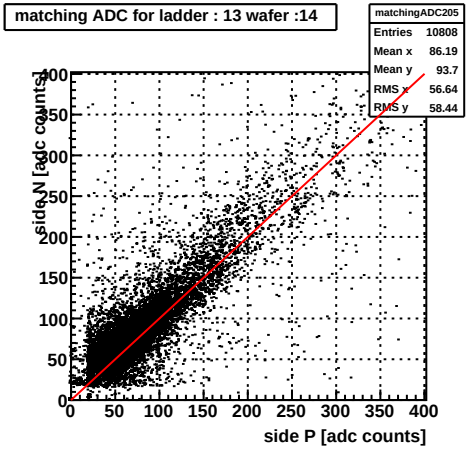

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

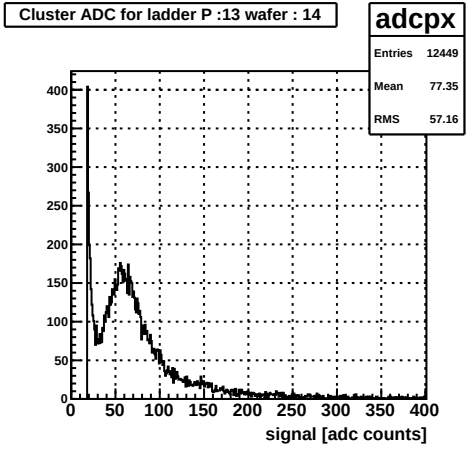

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

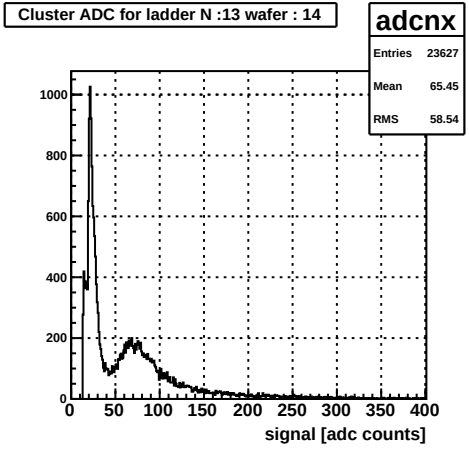

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 15327
Mean 82.48
RMS 58.92
signal [adc counts]

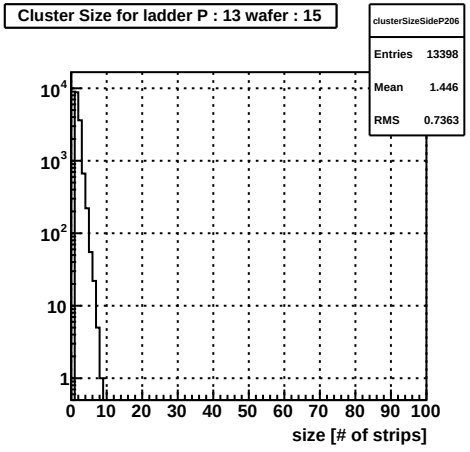

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 12449
Mean 1.428
RMS 0.7218
size [# of strips]

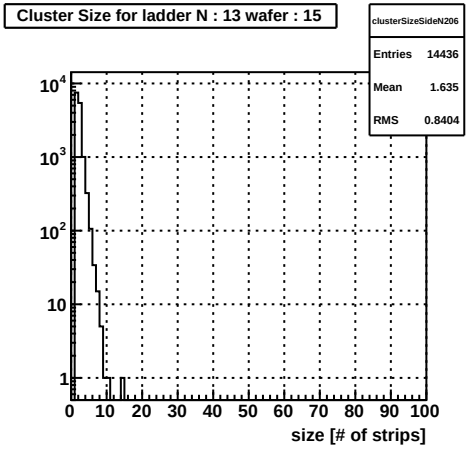

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 23627
Mean 1.436
RMS 0.7981
size [# of strips]

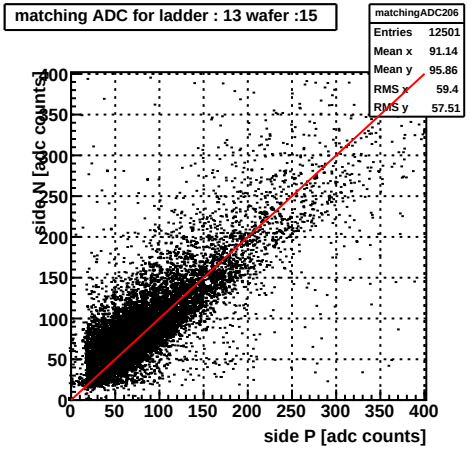

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 10808
Mean x 86.19
Mean y 93.7
RMS x 56.64
RMS y 58.44
side N [adc counts]
side P [adc counts]

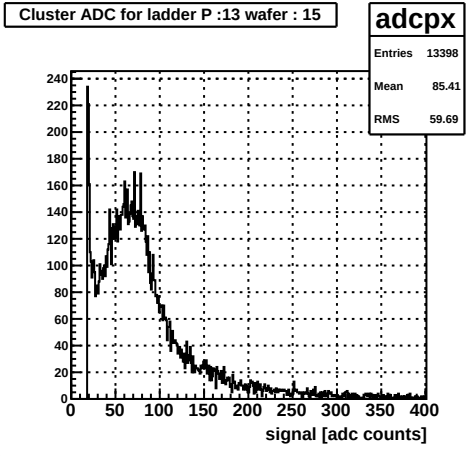

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 12449
Mean 77.35
RMS 57.16
signal [adc counts]

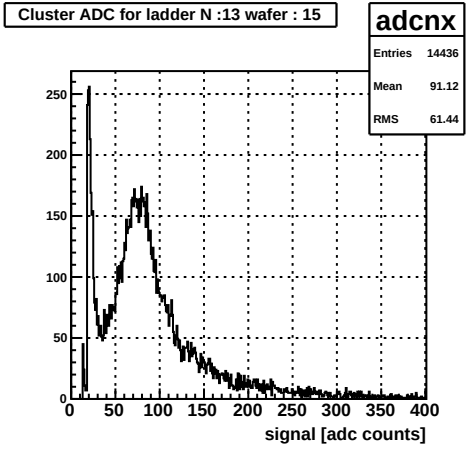

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 23627
Mean 65.45
RMS 58.54
signal [adc counts]

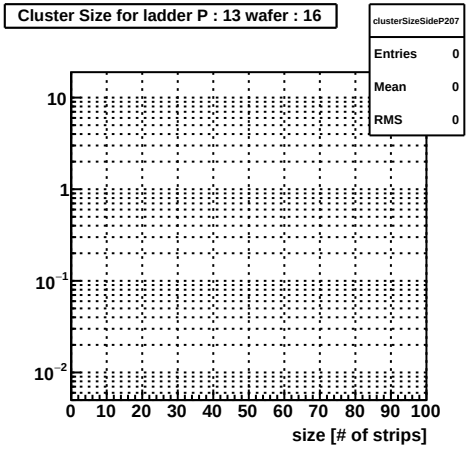

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 13398
Mean 1.446
RMS 0.7363
size [# of strips]

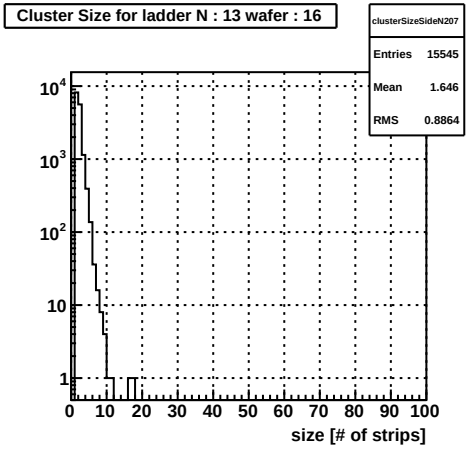

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 14436
Mean 1.635
RMS 0.8404
size [# of strips]

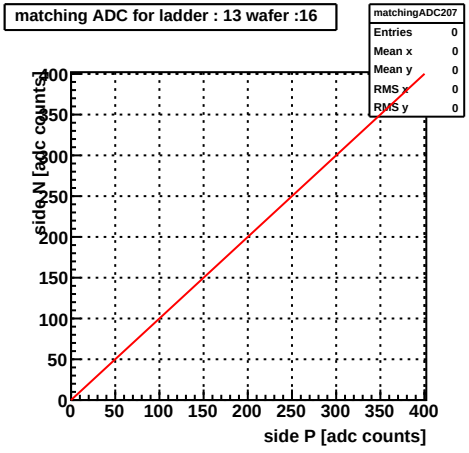

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 12501
Mean x 91.14
Mean y 95.86
RMS x 59.4
RMS y 57.51
side N [adc counts]
side P [adc counts]

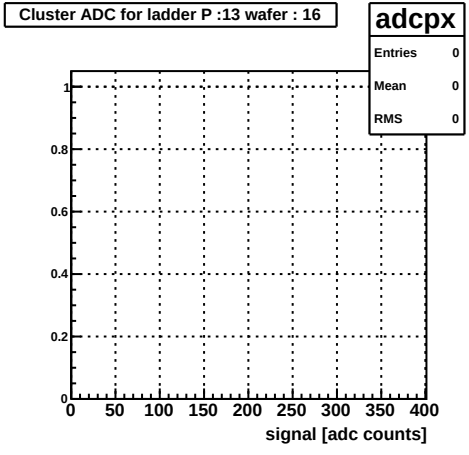

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 13398
Mean 85.41
RMS 59.69
signal [adc counts]

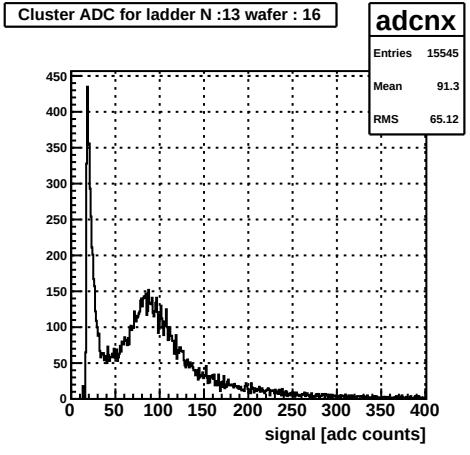

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 14436
Mean 91.12
RMS 61.44
signal [adc counts]

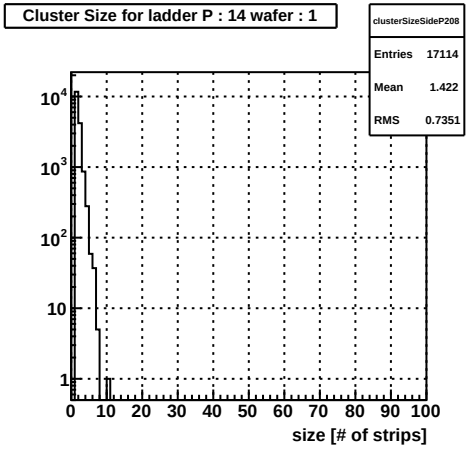

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 0
Mean 0
RMS 0
size [# of strips]

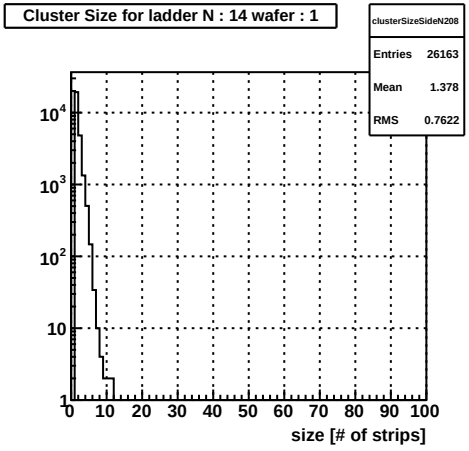

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 15545
Mean 1.646
RMS 0.8864
size [# of strips]

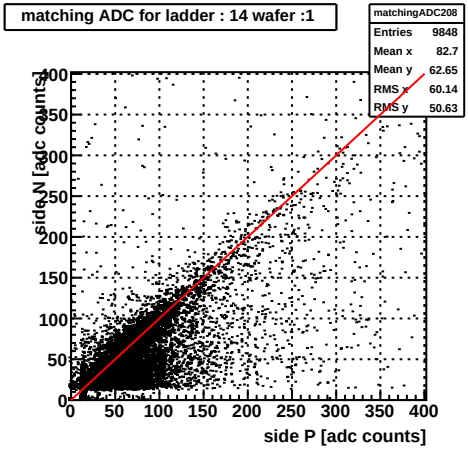

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

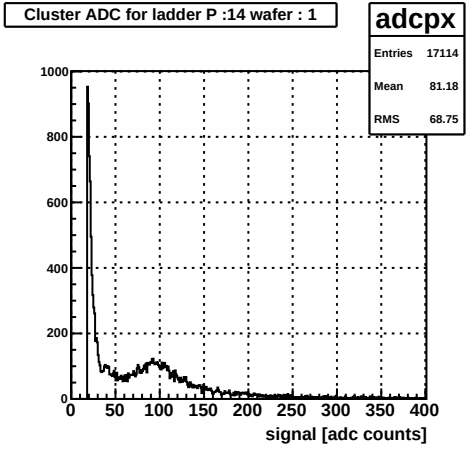

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

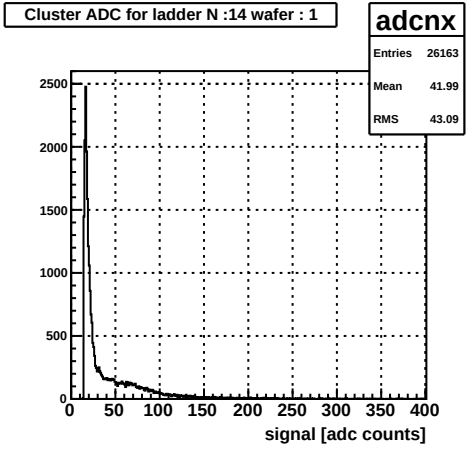

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 15545
Mean 91.3
RMS 65.12
signal [adc counts]

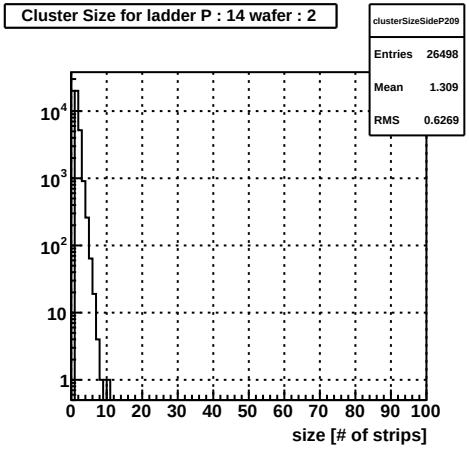

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 17114
Mean 1.422
RMS 0.7351
size [# of strips]

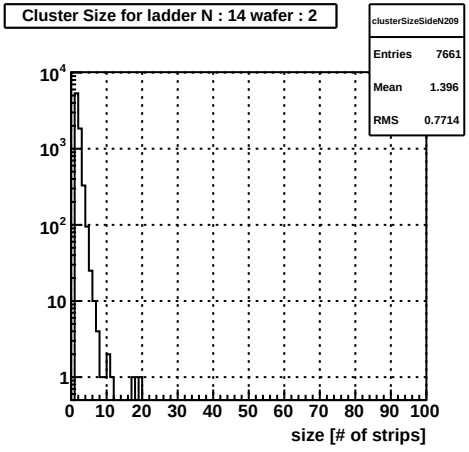

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 26163
Mean 1.378
RMS 0.7622
size [# of strips]

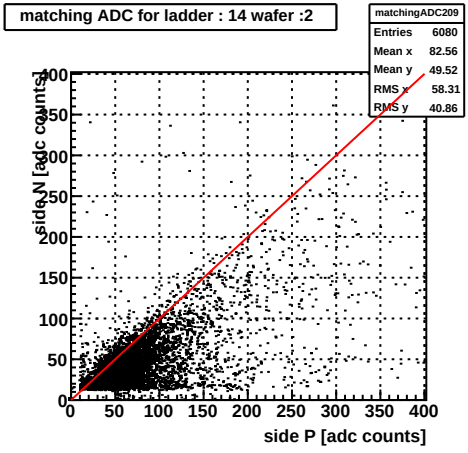

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 9848
Mean x 82.7
Mean y 62.65
RMS x 60.14
RMS y 50.63
side N [adc counts]
side P [adc counts]

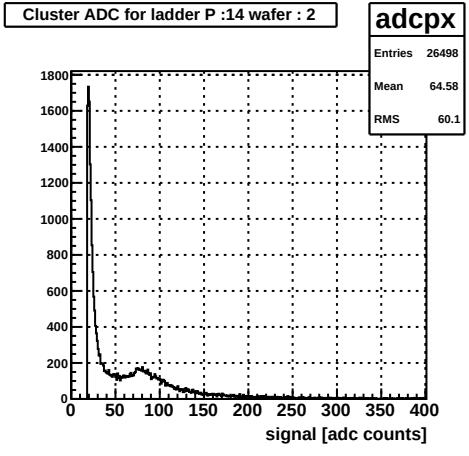

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 17114
Mean 81.18
RMS 68.75
signal [adc counts]

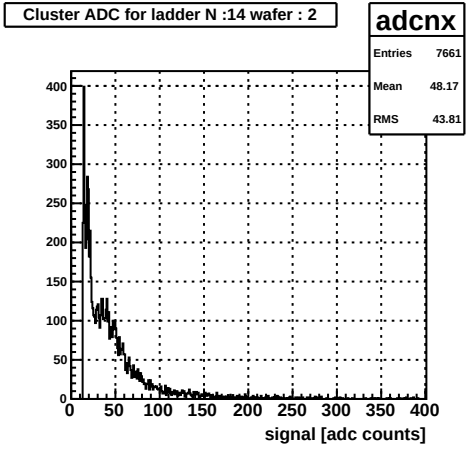

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 26163
Mean 41.99
RMS 43.09
signal [adc counts]

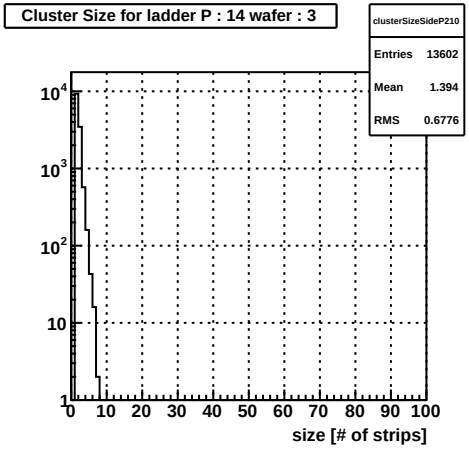

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 26498
Mean 1.309
RMS 0.6269
size [# of strips]

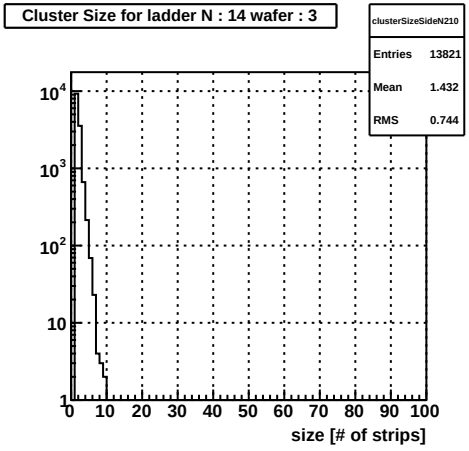

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 7661
Mean 1.396
RMS 0.7714
size [# of strips]

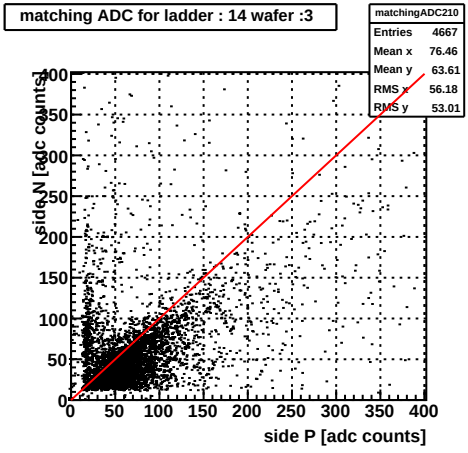

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 6080
Mean x 82.56
Mean y 49.52
RMS x 58.31
RMS y 40.86
side N [adc counts]
side P [adc counts]

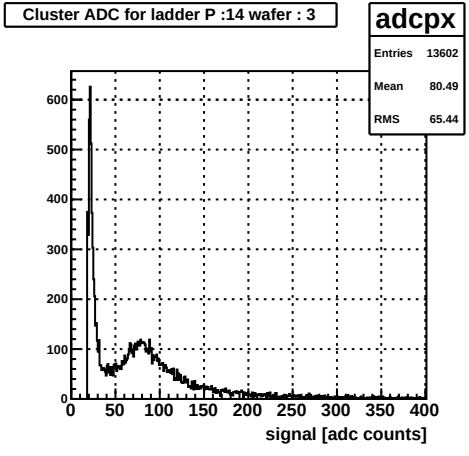

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 26498
Mean 64.58
RMS 60.1
signal [adc counts]

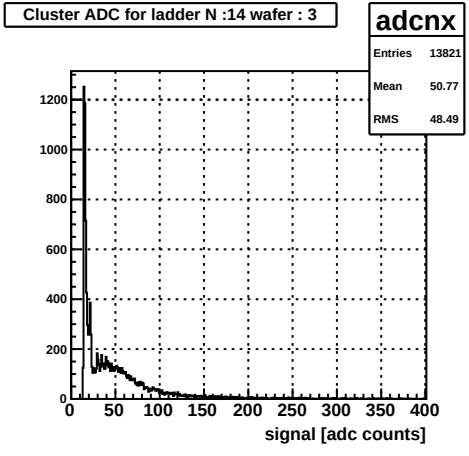

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 7661
Mean 48.17
RMS 43.81
signal [adc counts]

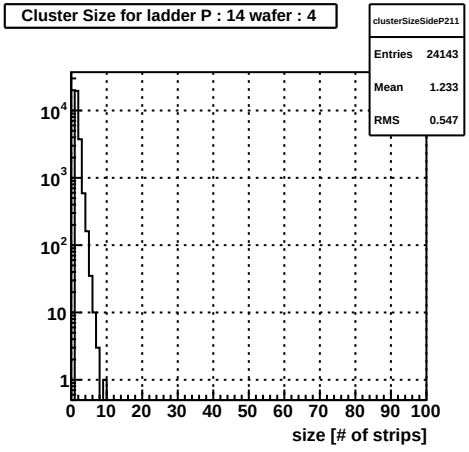

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 13602
Mean 1.394
RMS 0.6776
size [# of strips]

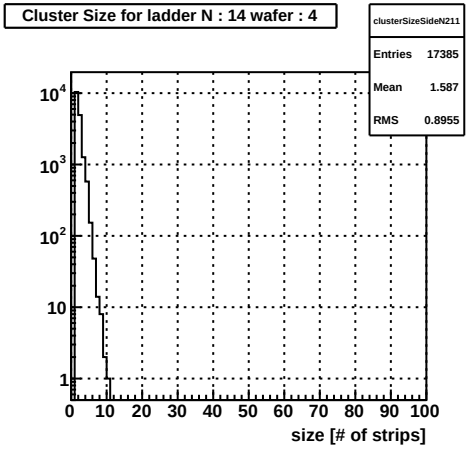

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 13821
Mean 1.432
RMS 0.744
size [# of strips]

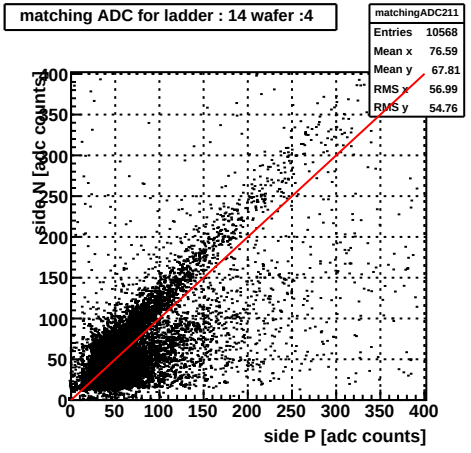

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4667
Mean x 76.46
Mean y 63.61
RMS x 56.18
RMS y 53.01
side N [adc counts]
side P [adc counts]

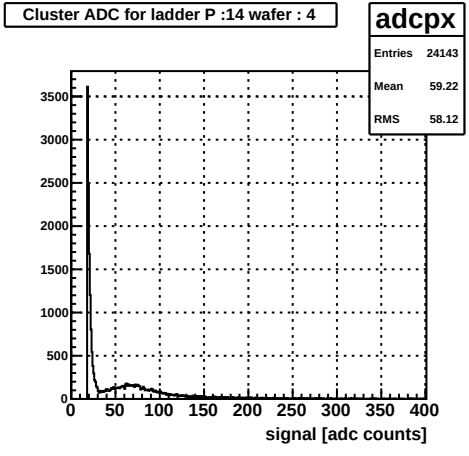

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 13602
Mean 80.49
RMS 65.44
signal [adc counts]

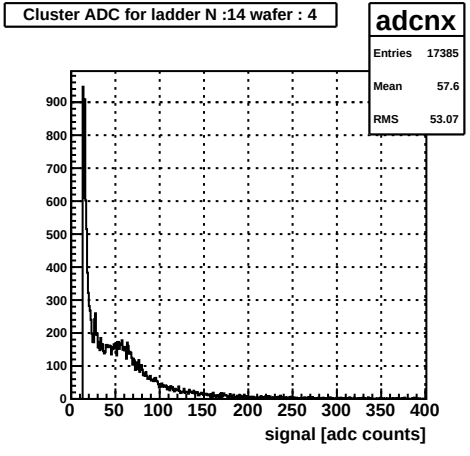

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 13821
Mean 50.77
RMS 48.49
signal [adc counts]

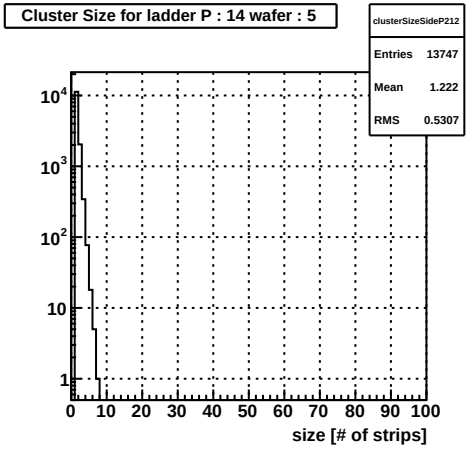

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 24143
Mean 1.233
RMS 0.547
size [# of strips]

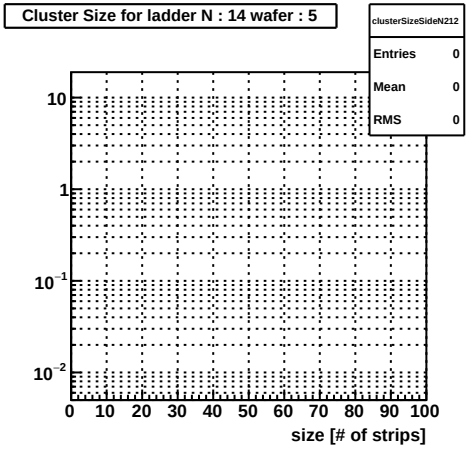

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 17385
Mean 1.587
RMS 0.8955
size [# of strips]

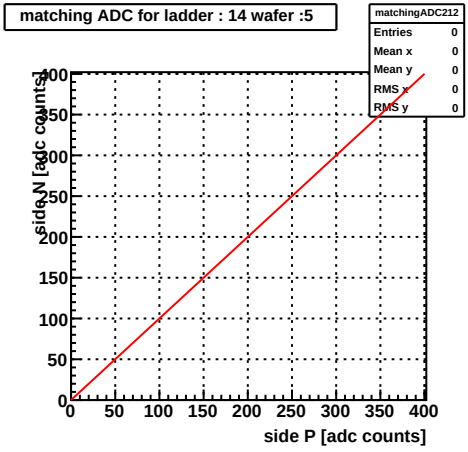

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 10568
Mean x 76.59
Mean y 67.81
RMS x 56.99
RMS y 54.76
side N [adc counts]
side P [adc counts]

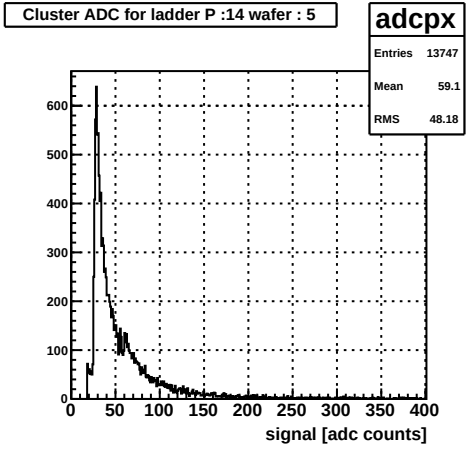

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 24143
Mean 59.22
RMS 58.12
signal [adc counts]

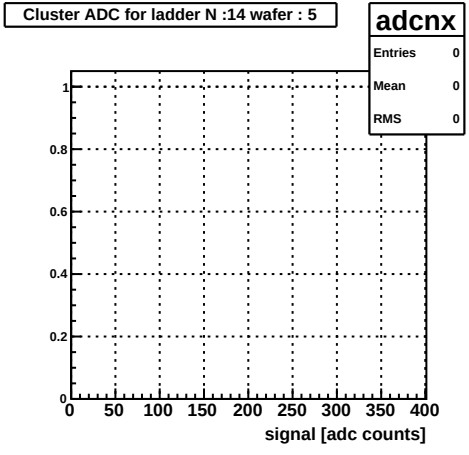

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 17385
Mean 57.6
RMS 53.07
signal [adc counts]

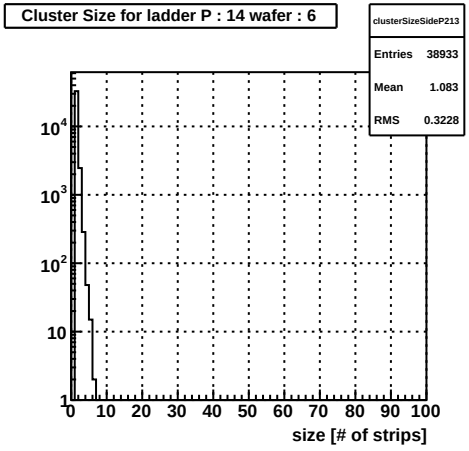

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 13747
Mean 1.222
RMS 0.5307
size [# of strips]

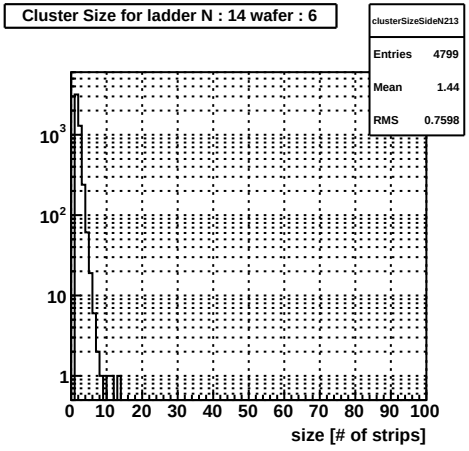

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

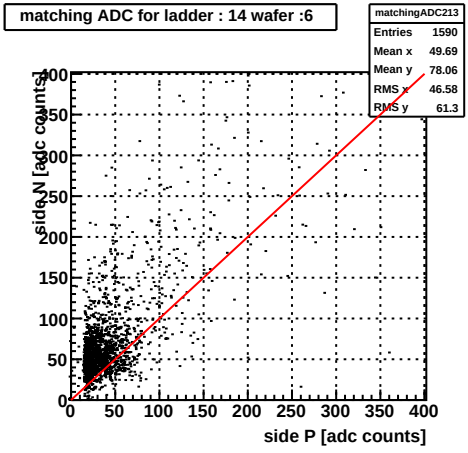

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

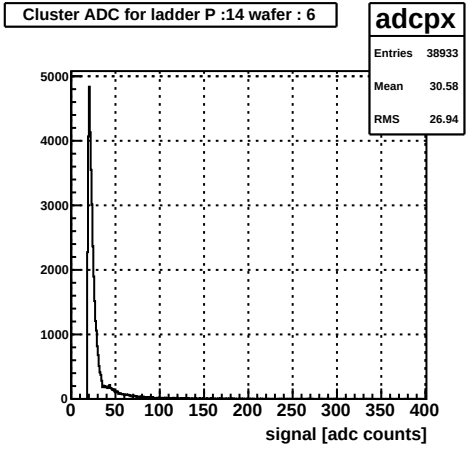

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 13747
Mean 59.1
RMS 48.18
signal [adc counts]

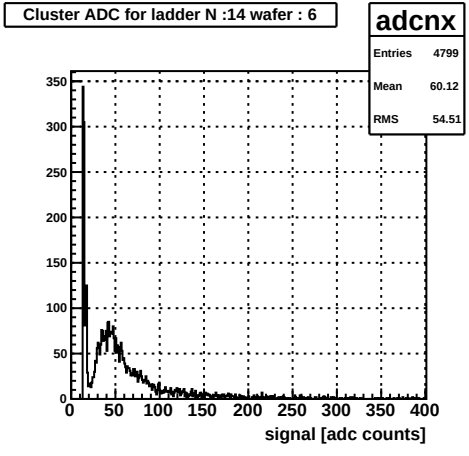

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

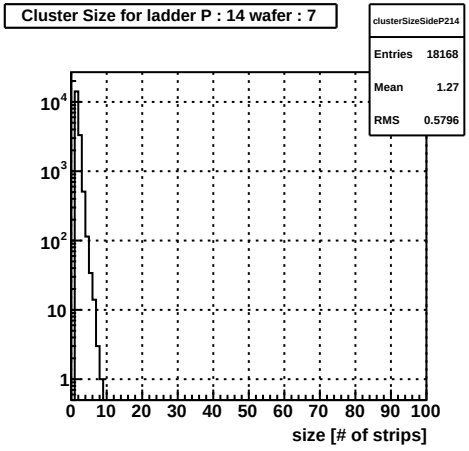

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 38933
Mean 1.083
RMS 0.3228
size [# of strips]

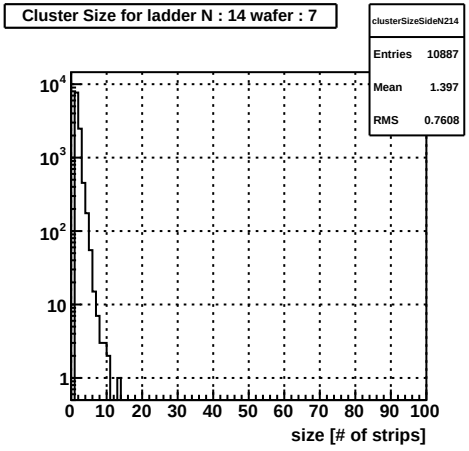

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 4799
Mean 1.44
RMS 0.7598
size [# of strips]

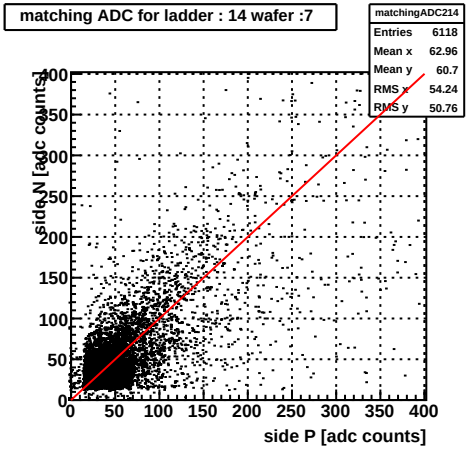

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1590
Mean x 49.69
Mean y 78.06
RMS x 46.58
RMS y 61.3
side N [adc counts]
side P [adc counts]

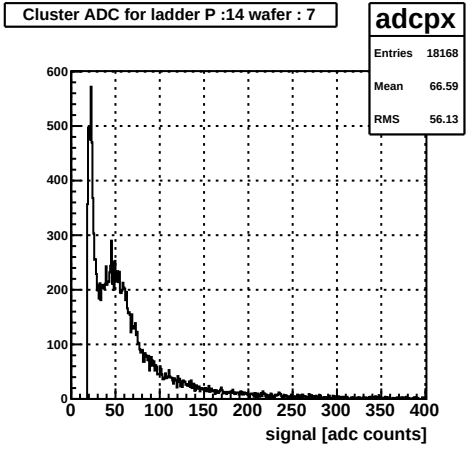

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 38933
Mean 30.58
RMS 26.94
signal [adc counts]

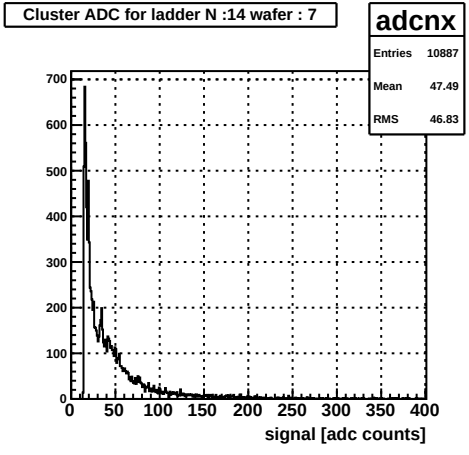

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 4799
Mean 60.12
RMS 54.51
signal [adc counts]

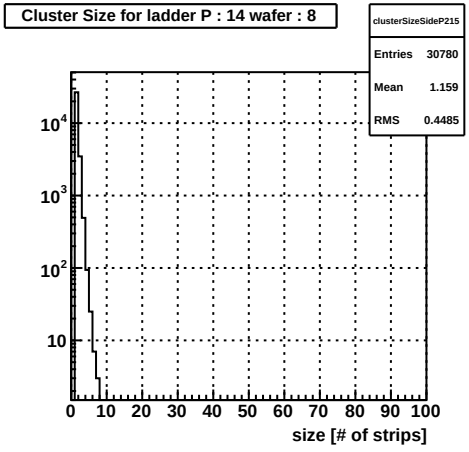

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 18168
Mean 1.27
RMS 0.5796
size [# of strips]

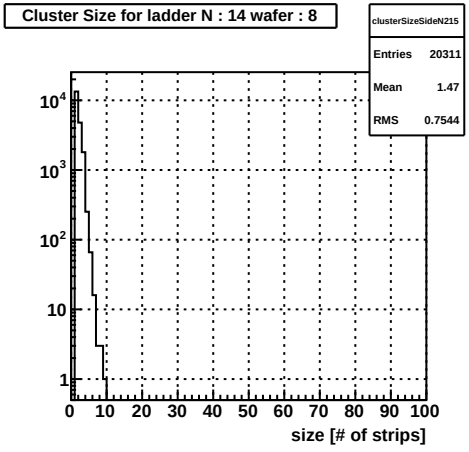

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 10887
Mean 1.397
RMS 0.7608
size [# of strips]

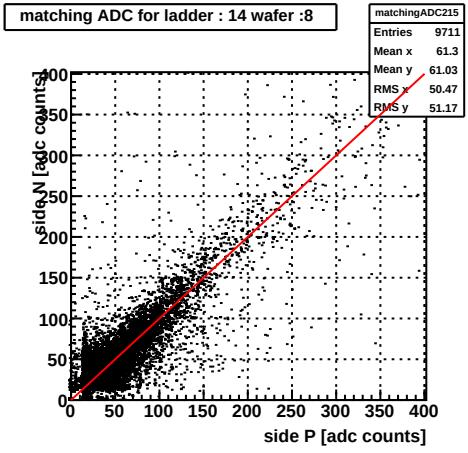

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 6118
Mean x 62.96
Mean y 60.7
RMS x 54.24
RMS y 50.76
side N [adc counts]
side P [adc counts]

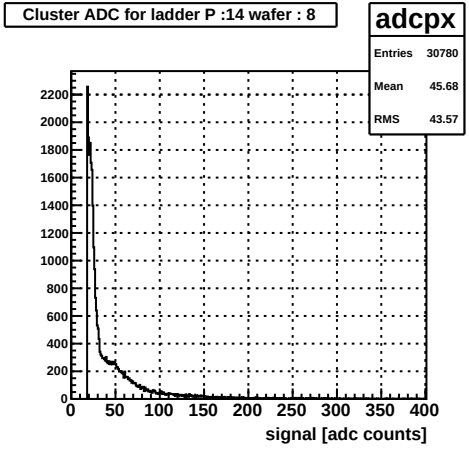

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 18168
Mean 66.59
RMS 56.13
signal [adc counts]

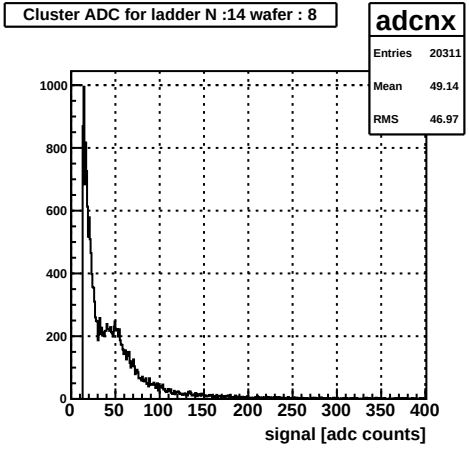

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 10887
Mean 47.49
RMS 46.83
signal [adc counts]

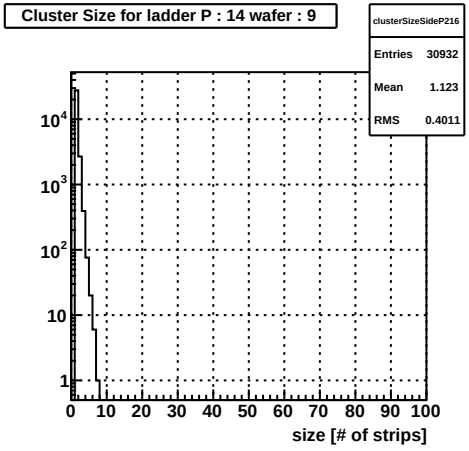

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 30780
Mean 1.159
RMS 0.4485
size [# of strips]

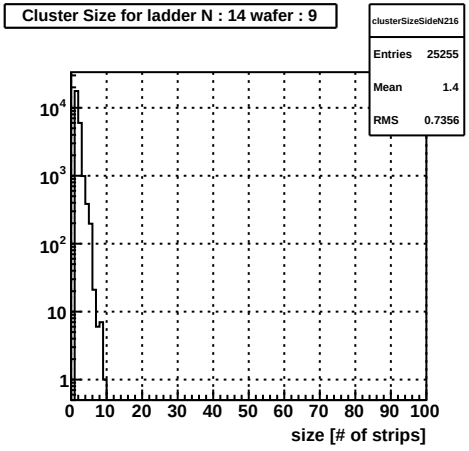

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 20311
Mean 1.47
RMS 0.7544
size [# of strips]

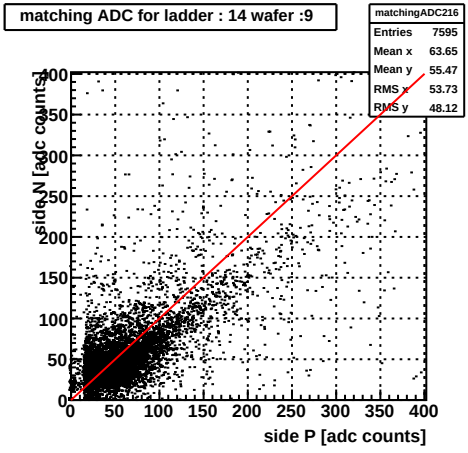

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 9711
Mean x 61.3
Mean y 61.03
RMS x 50.47
RMS y 51.17
side N [adc counts]
side P [adc counts]

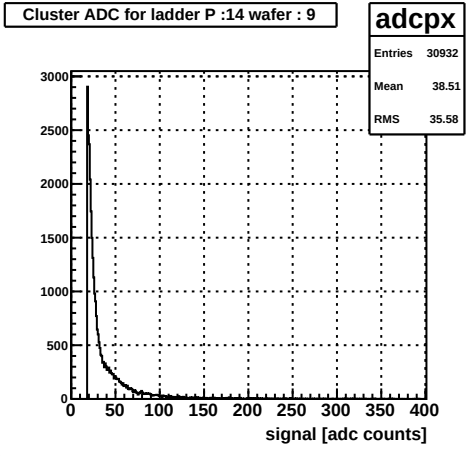

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 30780
Mean 45.68
RMS 43.57
signal [adc counts]

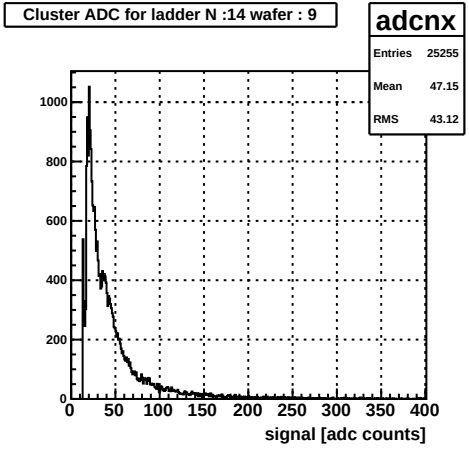

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 20311
Mean 49.14
RMS 46.97
signal [adc counts]

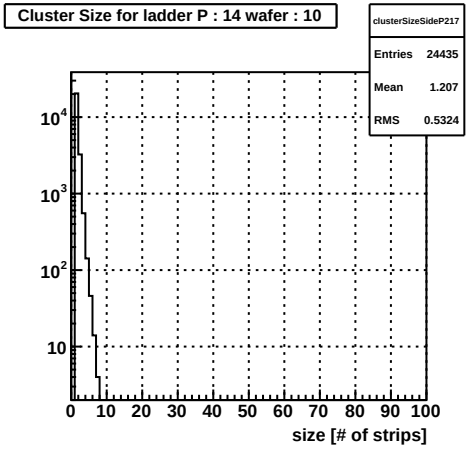

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 30932
Mean 1.123
RMS 0.4011
size [# of strips]

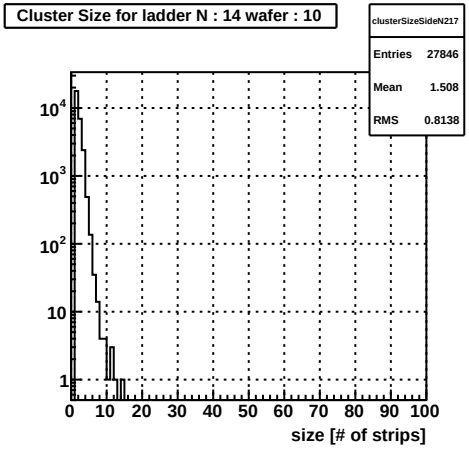

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 25255
Mean 1.4
RMS 0.7356
size [# of strips]

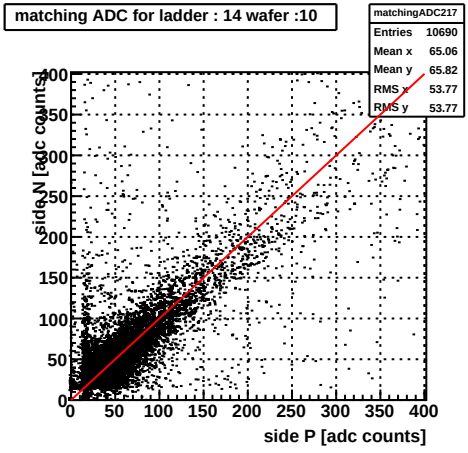

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 7595
Mean x 63.65
Mean y 55.47
RMS x 53.73
RMS y 48.12
side N [adc counts]
side P [adc counts]

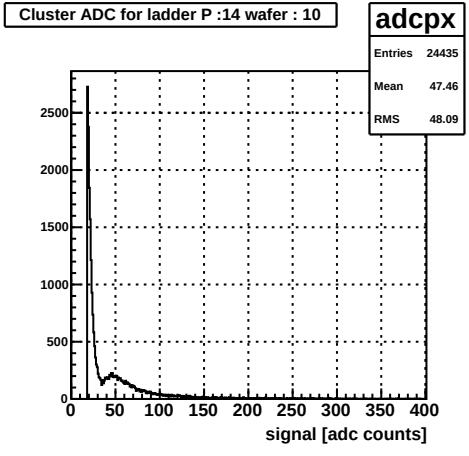

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 30932
Mean 38.51
RMS 35.58
signal [adc counts]

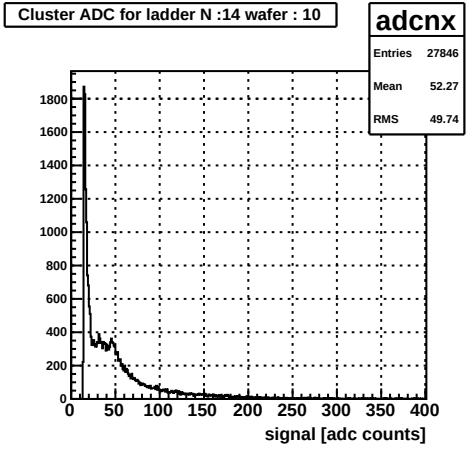

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 25255
Mean 47.15
RMS 43.12
signal [adc counts]

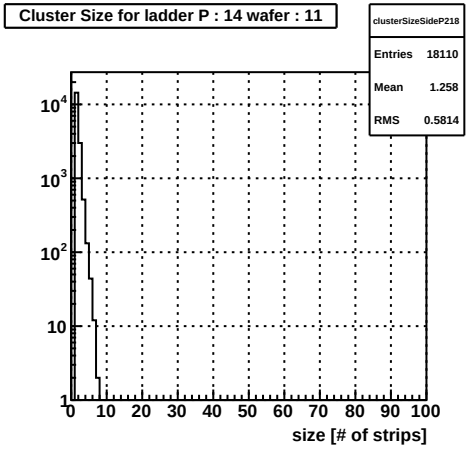

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 24435
Mean 1.207
RMS 0.5324
size [# of strips]

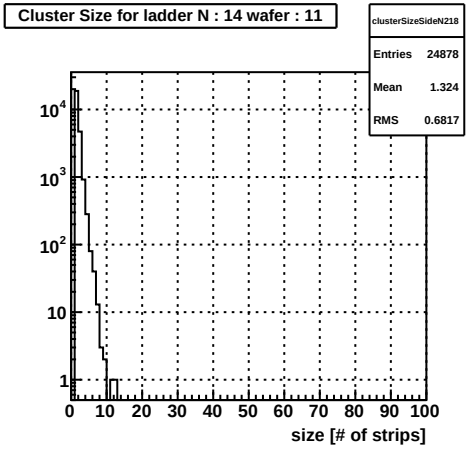

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 27846
Mean 1.508
RMS 0.8138
size [# of strips]

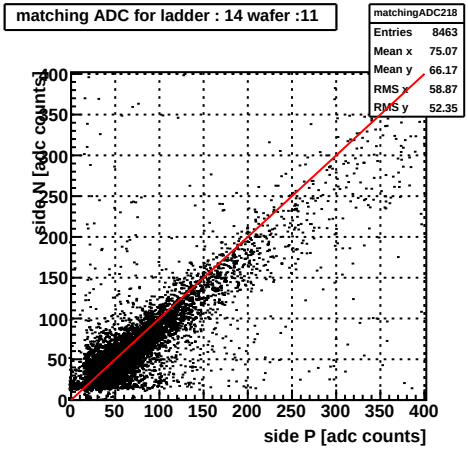

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 10690
Mean x 65.06
Mean y 65.82
RMS x 53.77
RMS y 53.77
side N [adc counts]
side P [adc counts]

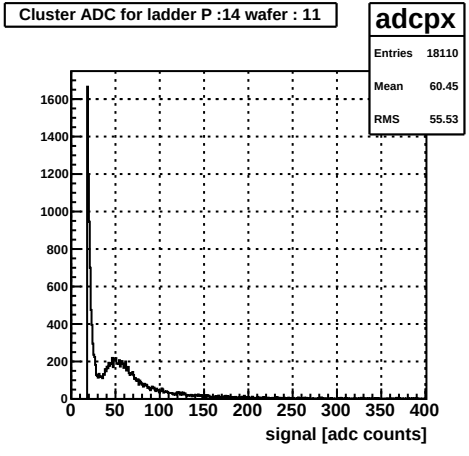

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 24435
Mean 47.46
RMS 48.09
signal [adc counts]

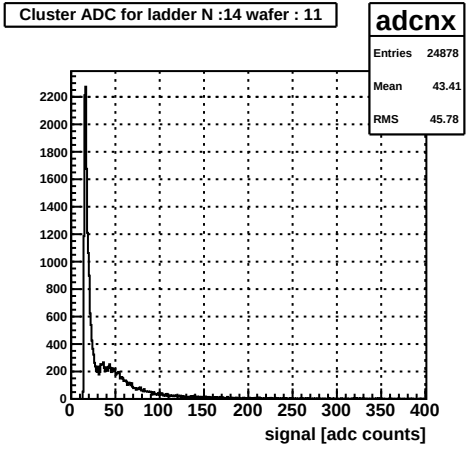

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 27846
Mean 52.27
RMS 49.74
signal [adc counts]

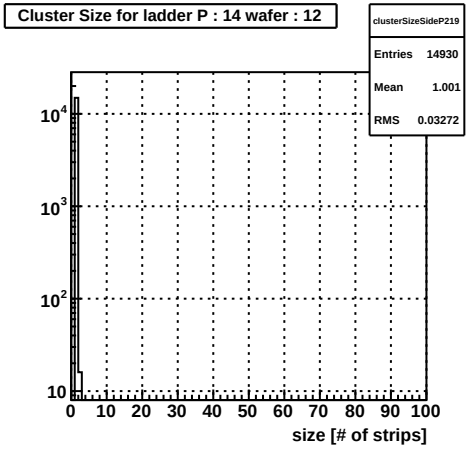

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 18110
Mean 1.258
RMS 0.5814
size [# of strips]

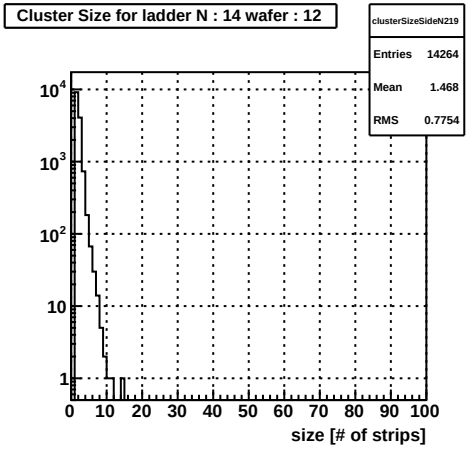

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 24878
Mean 1.324
RMS 0.6817
size [# of strips]

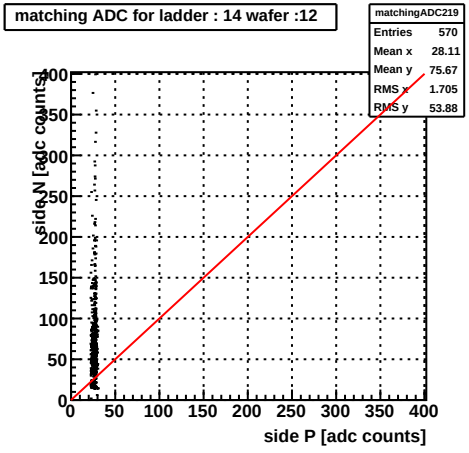

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 8463
Mean x 75.07
Mean y 66.17
RMS x 58.87
RMS y 52.35
side N [adc counts]
side P [adc counts]

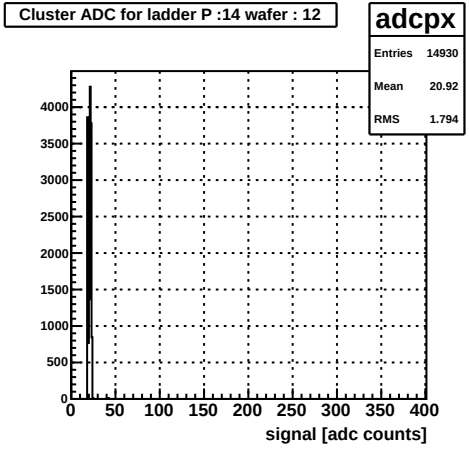

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 18110
Mean 60.45
RMS 55.53
signal [adc counts]

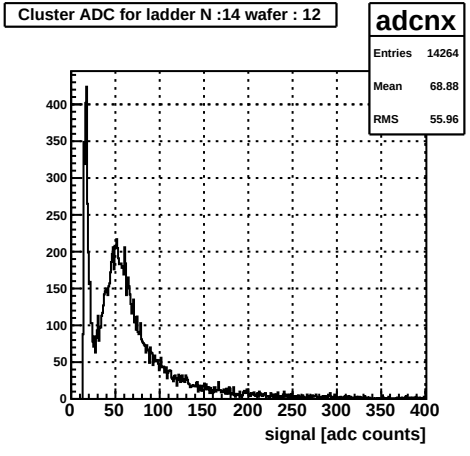

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 24878
Mean 43.41
RMS 45.78
signal [adc counts]

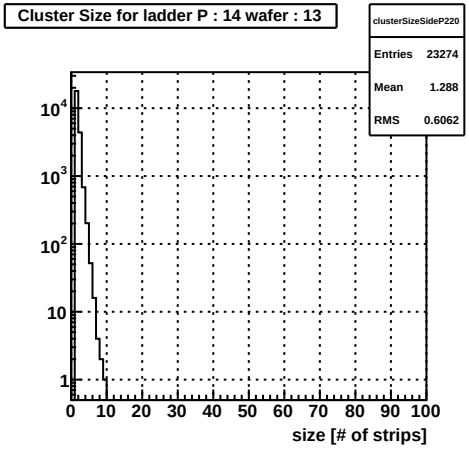

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 14930
Mean 1.001
RMS 0.03272
size [# of strips]

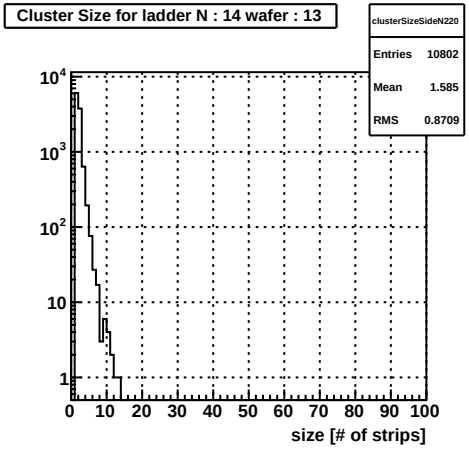

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 14264
Mean 1.468
RMS 0.7754
size [# of strips]

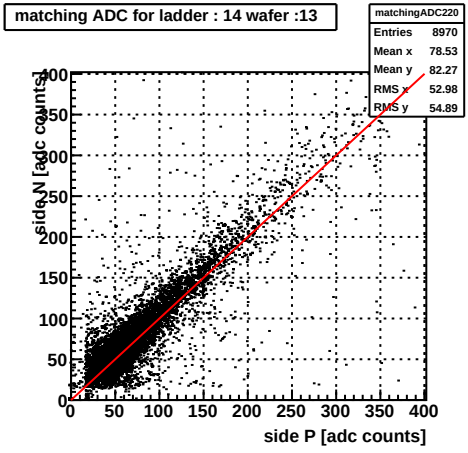

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 570
Mean x 28.11
Mean y 75.67
RMS x 1.705
RMS y 53.88
side N [adc counts]
side P [adc counts]

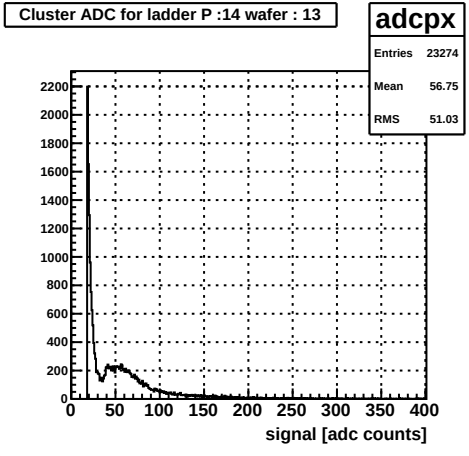

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 14930
Mean 20.92
RMS 1.794
signal [adc counts]

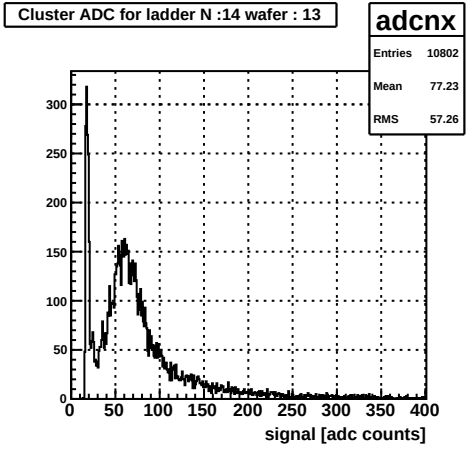

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 14264
Mean 68.88
RMS 55.96
signal [adc counts]

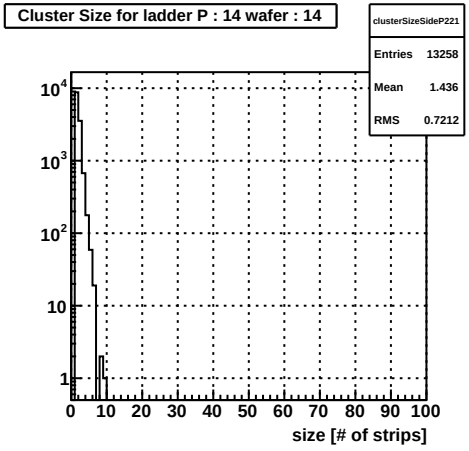

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 23274
Mean 1.288
RMS 0.6062
size [# of strips]

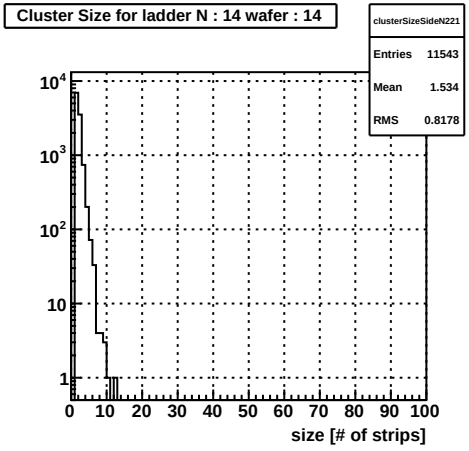

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 10802
Mean 1.585
RMS 0.8709
size [# of strips]

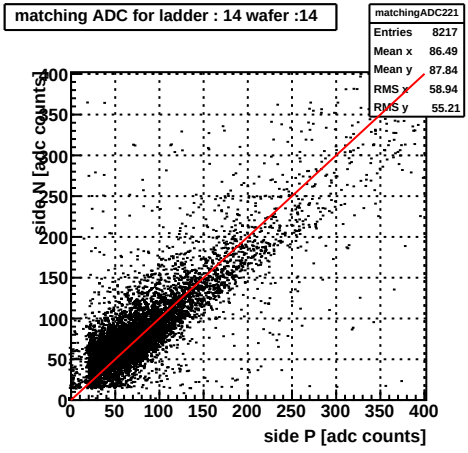

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 8970
Mean x 78.53
Mean y 82.27
RMS x 52.98
RMS y 54.89
side N [adc counts]
side P [adc counts]

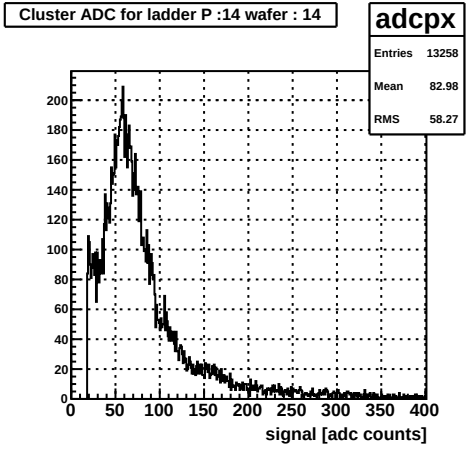

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 23274
Mean 56.75
RMS 51.03
signal [adc counts]

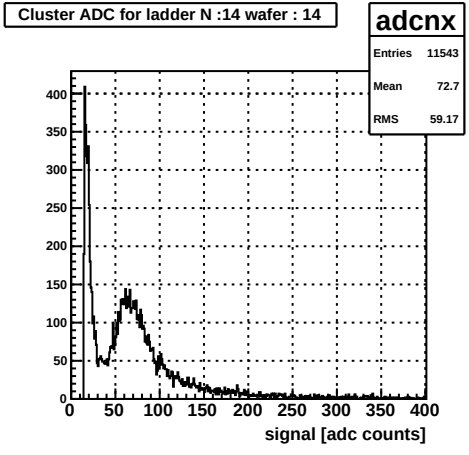

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 10802
Mean 77.23
RMS 57.26
signal [adc counts]

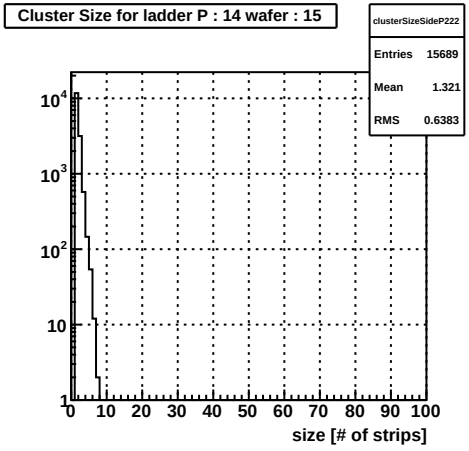

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 13258
Mean 1.436
RMS 0.7212
size [# of strips]

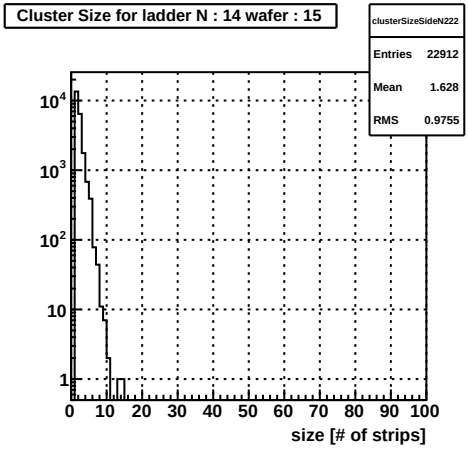

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 11543
Mean 1.534
RMS 0.8178
size [# of strips]

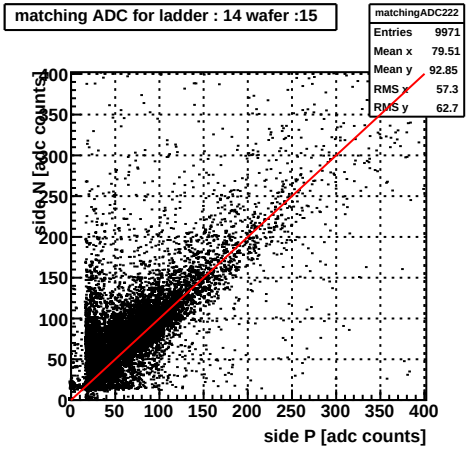

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 8217
Mean x 86.49
Mean y 87.84
RMS x 58.94
RMS y 55.21
side N [adc counts]
side P [adc counts]

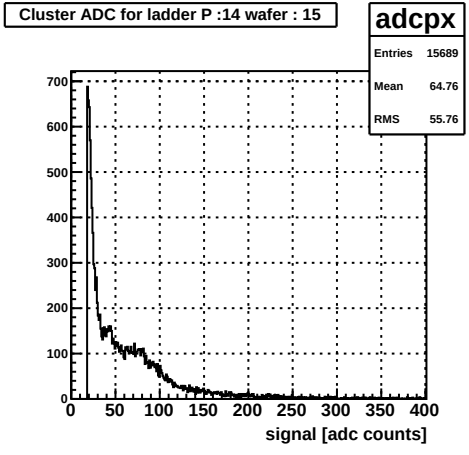

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 13258
Mean 82.98
RMS 58.27
signal [adc counts]

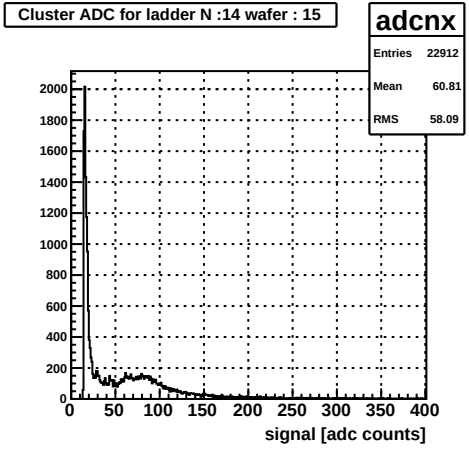

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 11543
Mean 72.7
RMS 59.17
signal [adc counts]

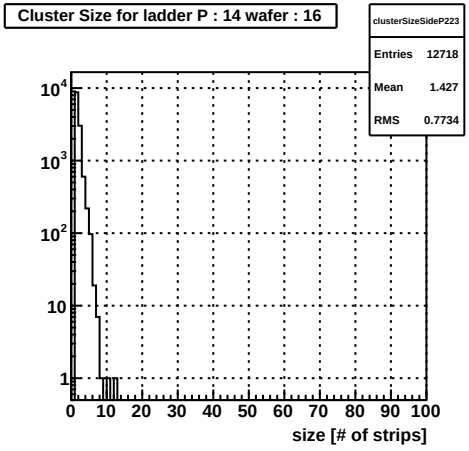

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 15689
Mean 1.321
RMS 0.6383
size [# of strips]

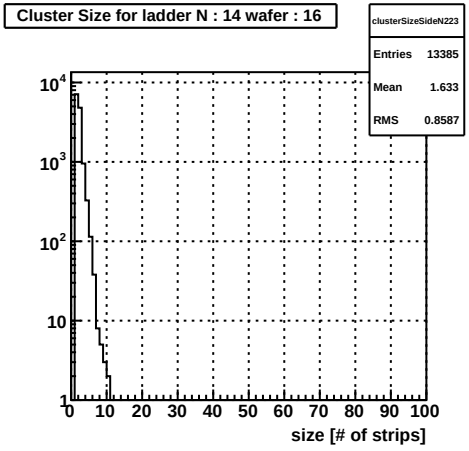

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 22912
Mean 1.628
RMS 0.9755
size [# of strips]

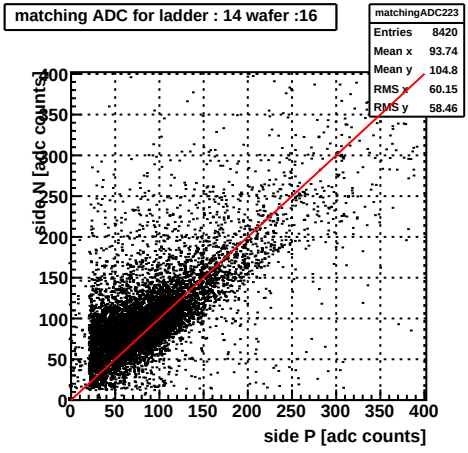

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 9971
Mean x 79.51
Mean y 92.85
RMS x 57.3
RMS y 62.7
side N [adc counts]
side P [adc counts]

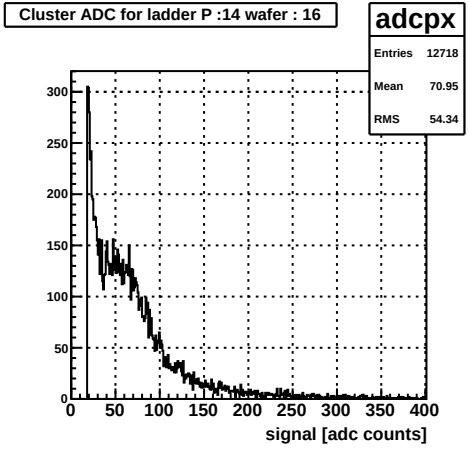

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 15689
Mean 64.76
RMS 55.76
signal [adc counts]

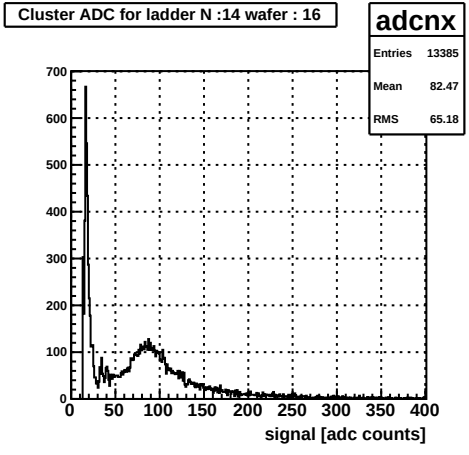

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 22912
Mean 60.81
RMS 58.09
signal [adc counts]

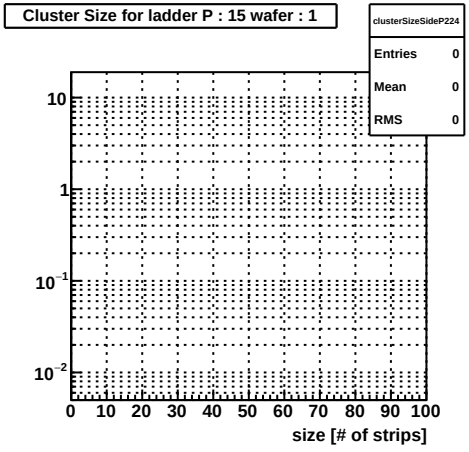

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 12718
Mean 1.427
RMS 0.7734
size [# of strips]

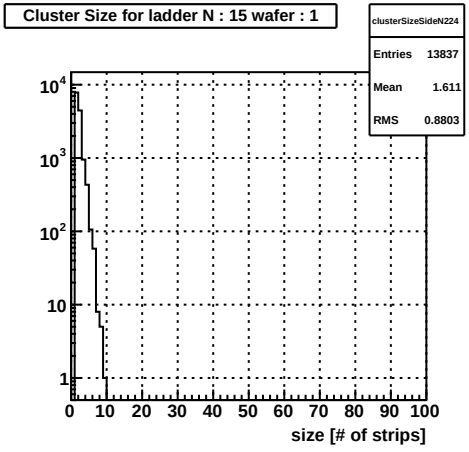

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 13385
Mean 1.633
RMS 0.8587
size [# of strips]

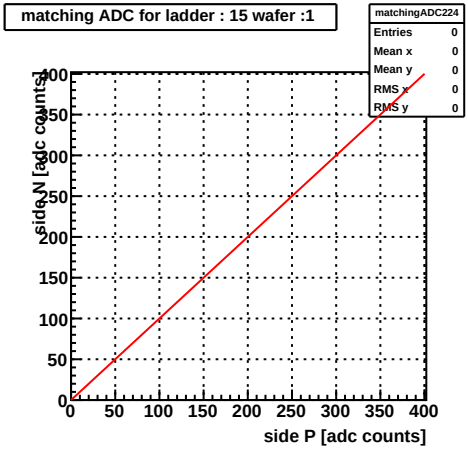

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 8420
Mean x 93.74
Mean y 104.8
RMS x 60.15
RMS y 58.46
side N [adc counts]
side P [adc counts]

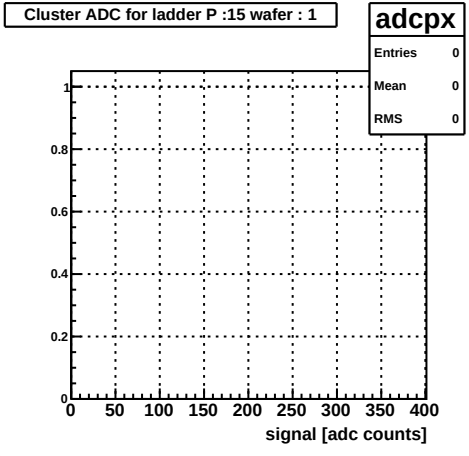

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 12718
Mean 70.95
RMS 54.34
signal [adc counts]

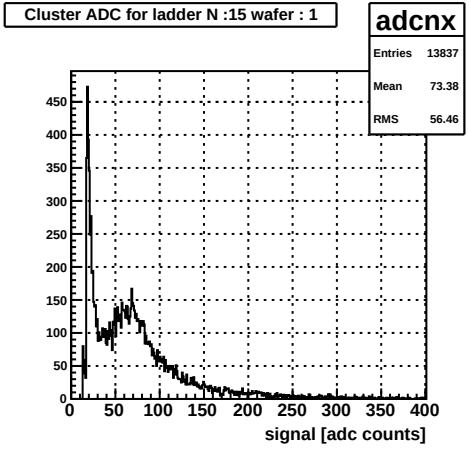

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 13385
Mean 82.47
RMS 65.18
signal [adc counts]

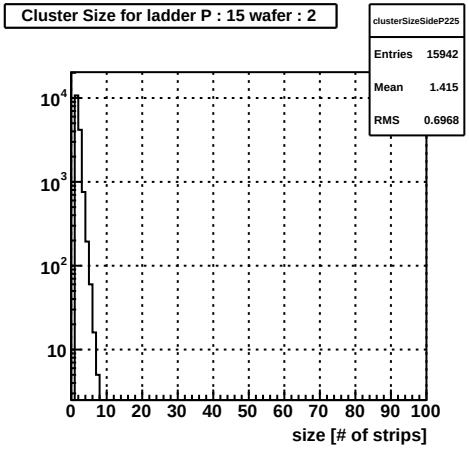

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

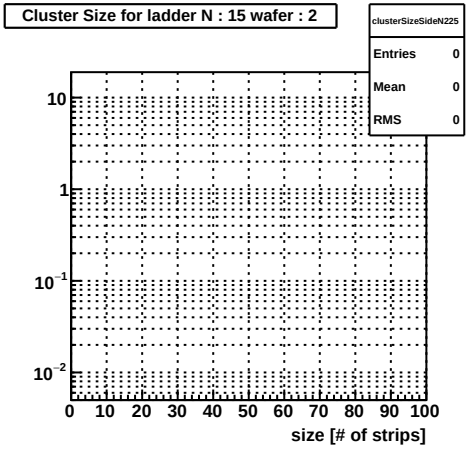

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 13837
Mean 1.611
RMS 0.8803
size [# of strips]

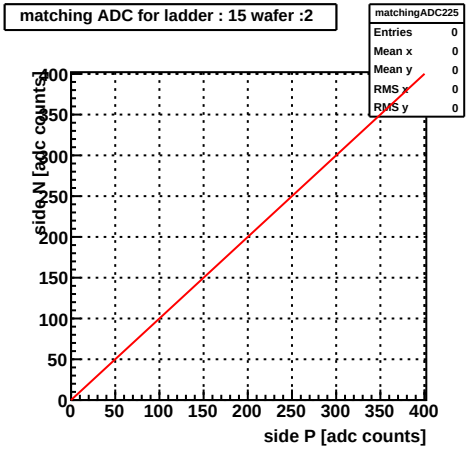

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

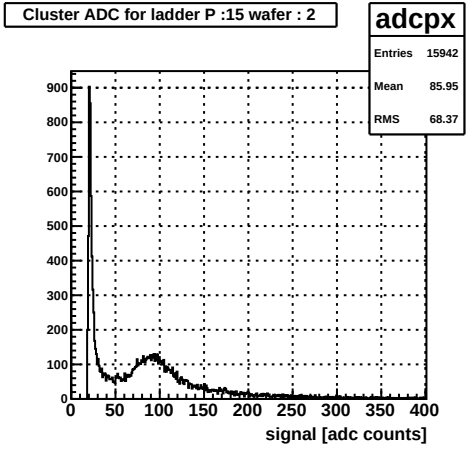

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

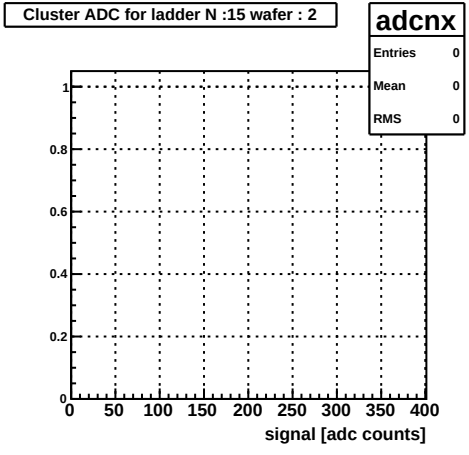

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 13837
Mean 73.38
RMS 56.46
signal [adc counts]

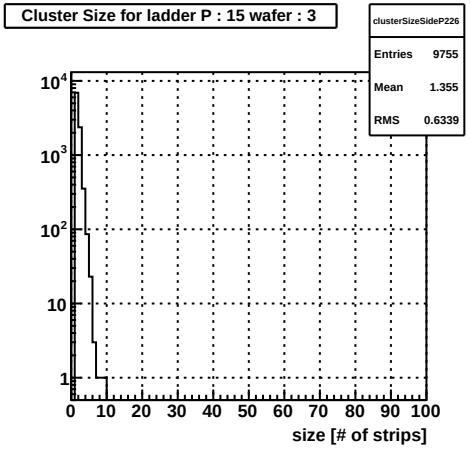

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 15942
Mean 1.415
RMS 0.6968
size [# of strips]

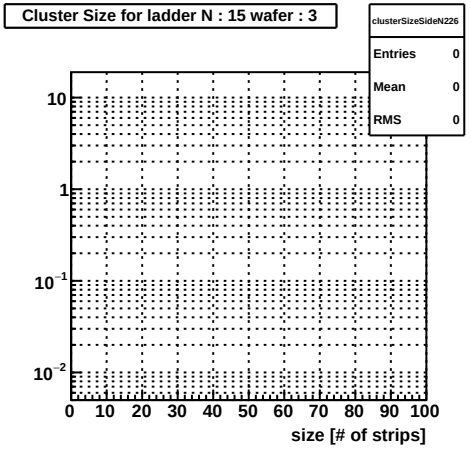

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

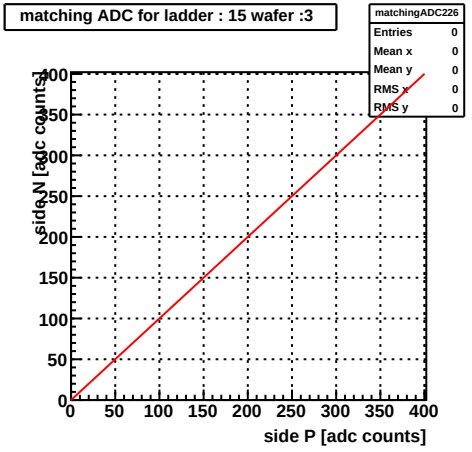

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

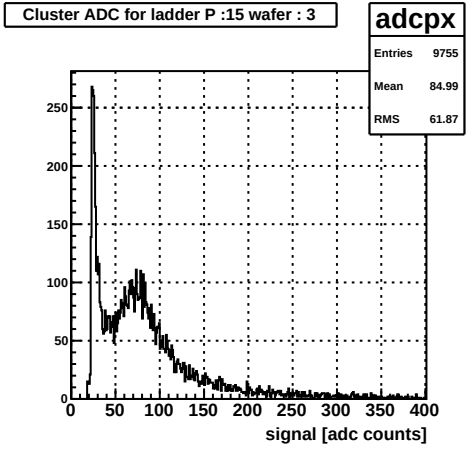

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 15942
Mean 85.95
RMS 68.37
signal [adc counts]

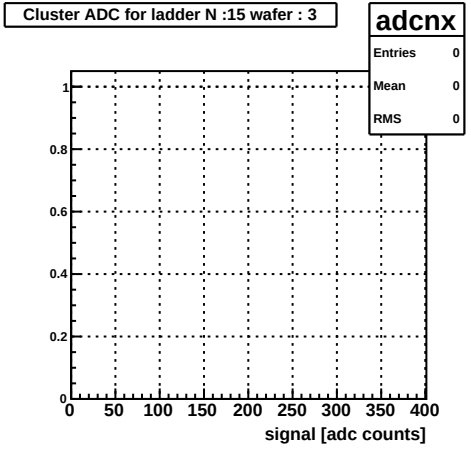

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

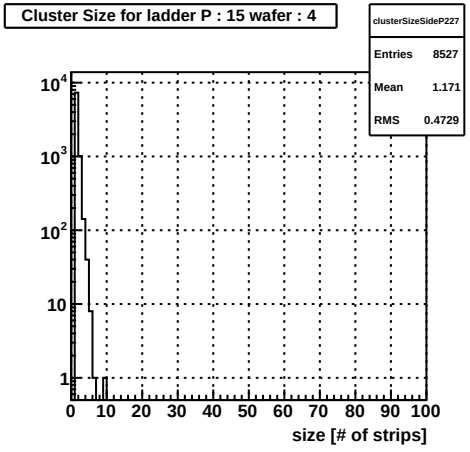

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 9755
Mean 1.355
RMS 0.6339
size [# of strips]

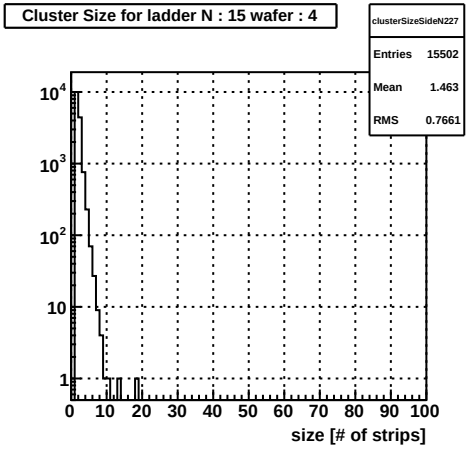

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

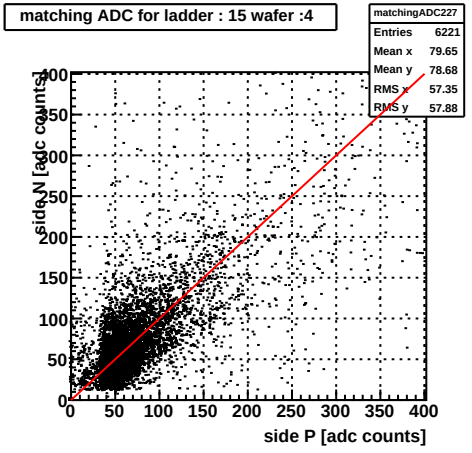

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

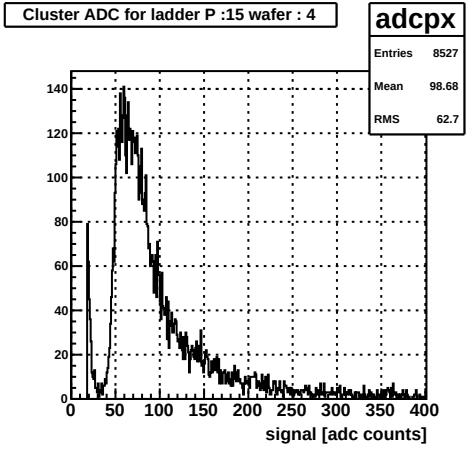

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 9755
Mean 84.99
RMS 61.87
signal [adc counts]

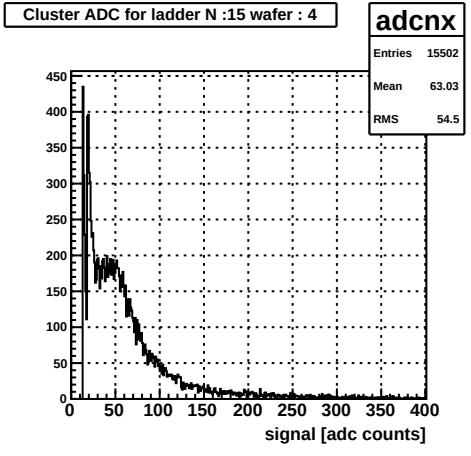

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

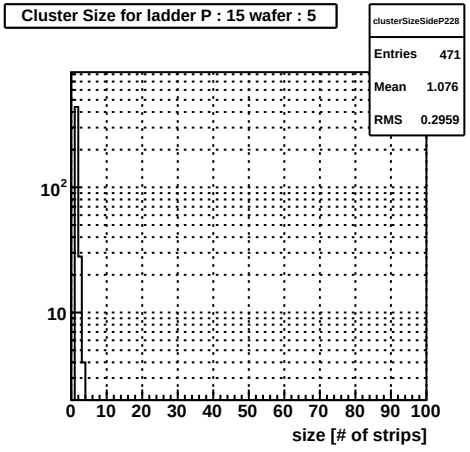

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 8527
Mean 1.171
RMS 0.4729
size [# of strips]

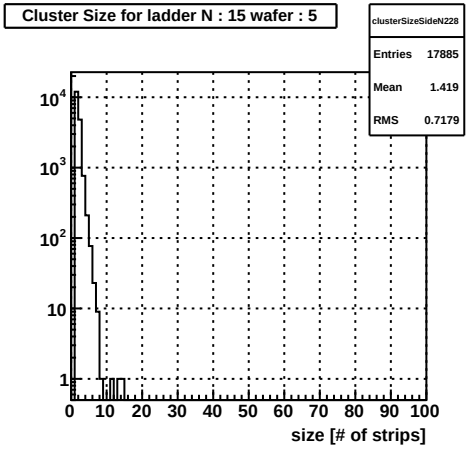

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 15502
Mean 1.463
RMS 0.7661
size [# of strips]

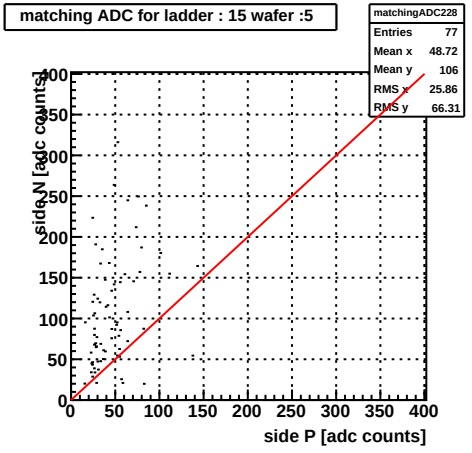

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6221
Mean x 79.65
Mean y 78.68
RMS x 57.35
RMS y 57.88
side N [adc counts]
side P [adc counts]

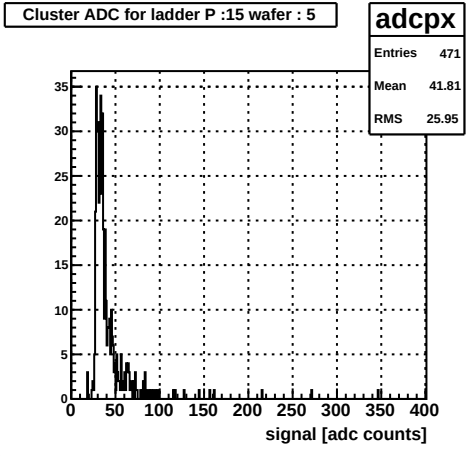

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 8527
Mean 98.68
RMS 62.7
signal [adc counts]

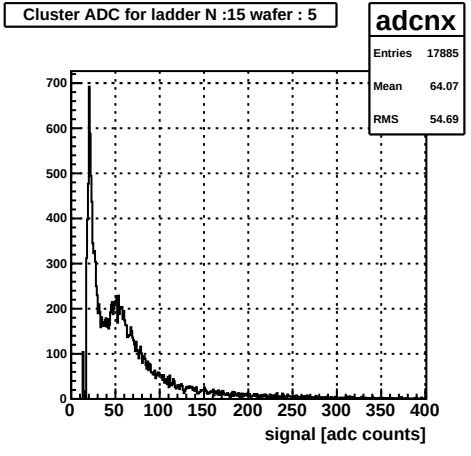

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 15502
Mean 63.03
RMS 54.5
signal [adc counts]

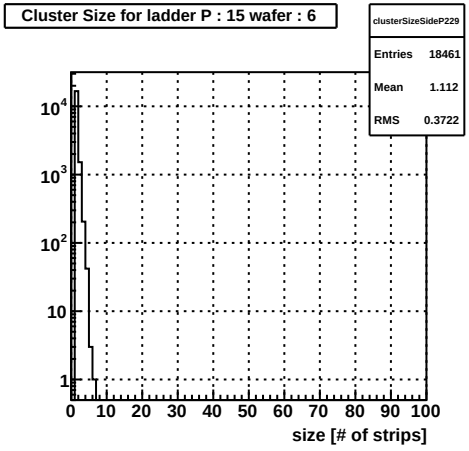

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 471
Mean 1.076
RMS 0.2959
size [# of strips]

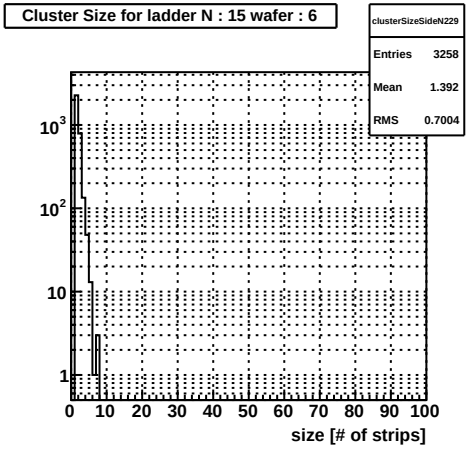

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 17885
Mean 1.419
RMS 0.7179
size [# of strips]

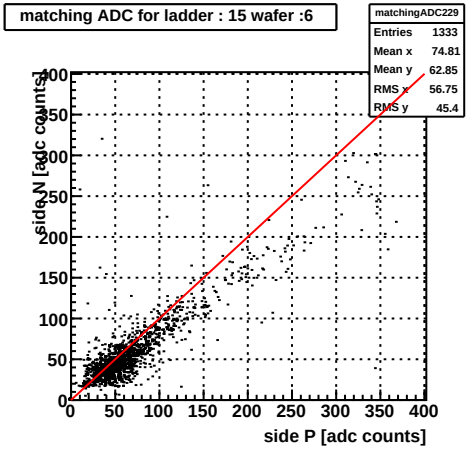

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 77
Mean x 48.72
Mean y 106
RMS x 25.86
RMS y 66.31
side N [adc counts]
side P [adc counts]

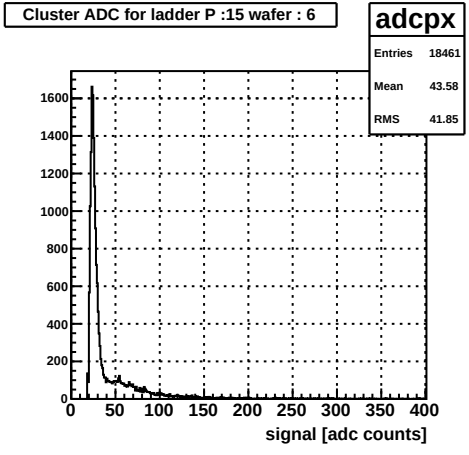

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 471
Mean 41.81
RMS 25.95
signal [adc counts]

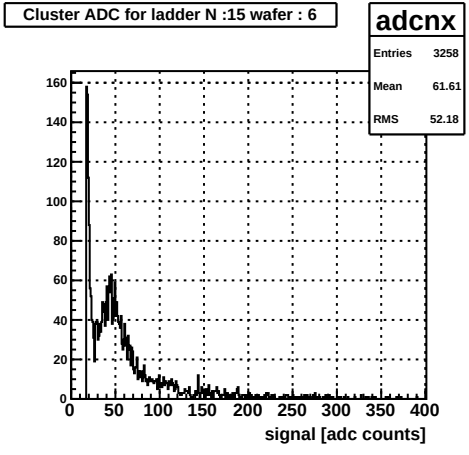

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 17885
Mean 64.07
RMS 54.69
signal [adc counts]

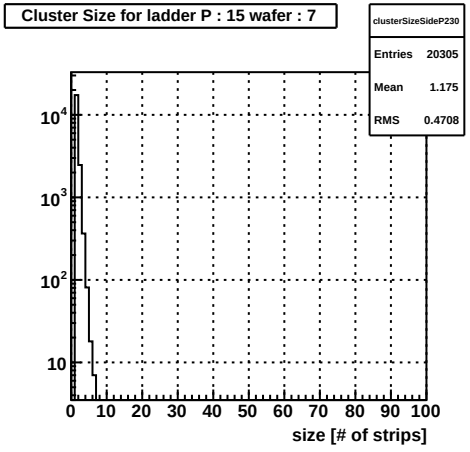

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 18461
Mean 1.112
RMS 0.3722
size [# of strips]

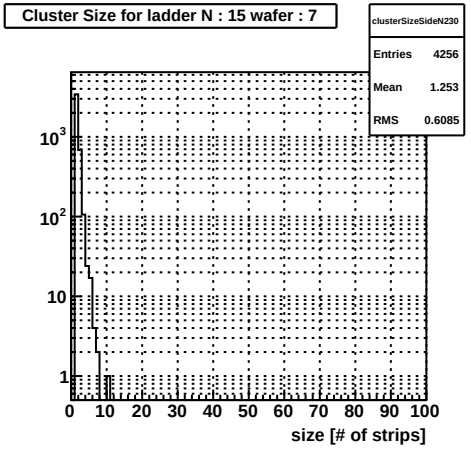

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 3258
Mean 1.392
RMS 0.7004
size [# of strips]

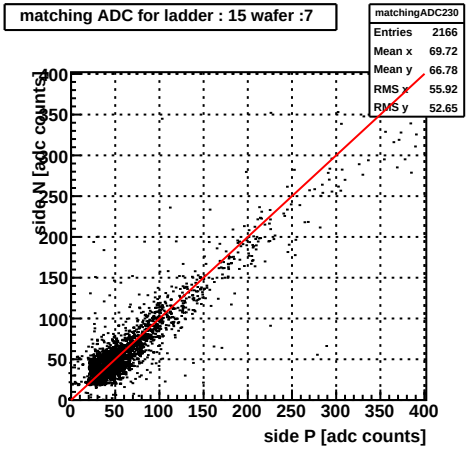

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1333
Mean x 74.81
Mean y 62.85
RMS x 56.75
RMS y 45.4
side N [adc counts]
side P [adc counts]

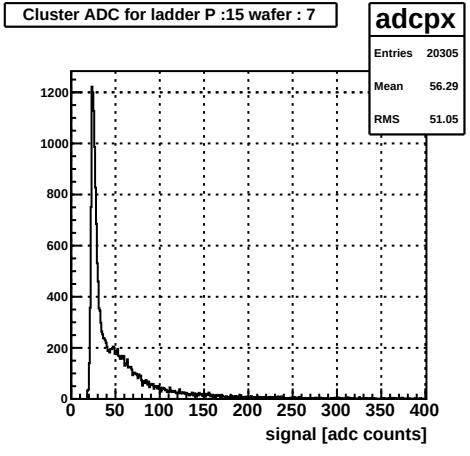

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 18461
Mean 43.58
RMS 41.85
signal [adc counts]

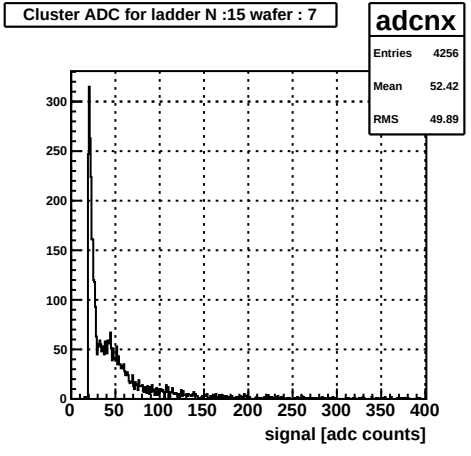

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 3258
Mean 61.61
RMS 52.18
signal [adc counts]

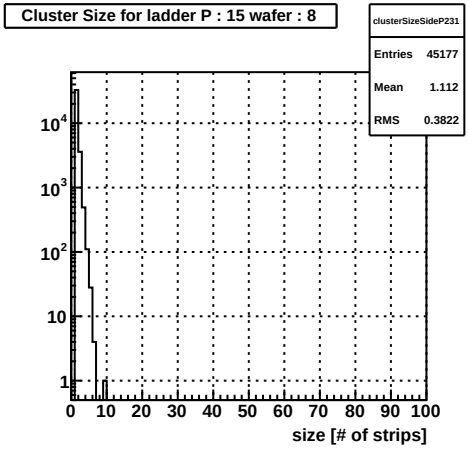

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 20305
Mean 1.175
RMS 0.4708
size [# of strips]

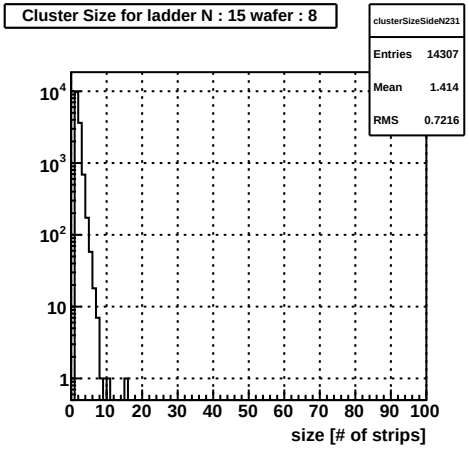

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 4256
Mean 1.253
RMS 0.6085
size [# of strips]

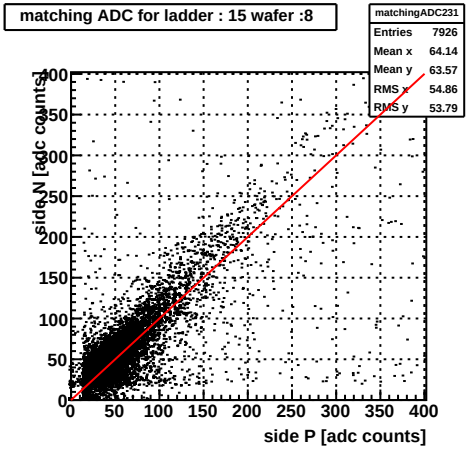

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 2166
Mean x 69.72
Mean y 66.78
RMS x 55.92
RMS y 52.65
side N [adc counts]
side P [adc counts]

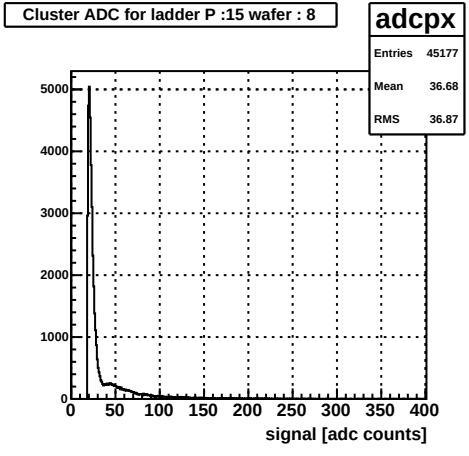

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 20305
Mean 56.29
RMS 51.05
signal [adc counts]

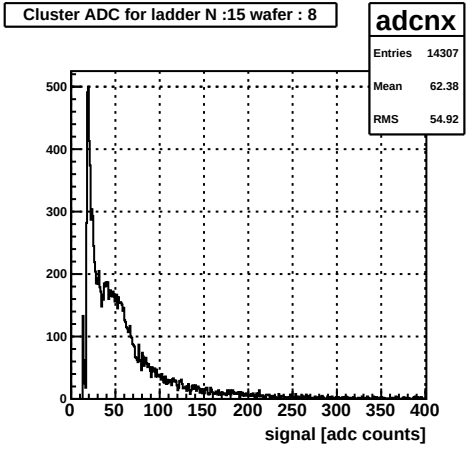

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 4256
Mean 52.42
RMS 49.89
signal [adc counts]

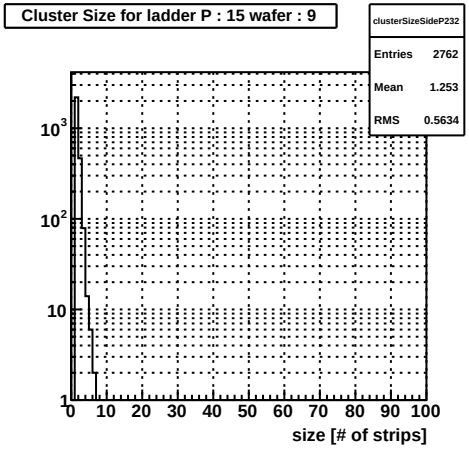

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 45177
Mean 1.112
RMS 0.3822
size [# of strips]

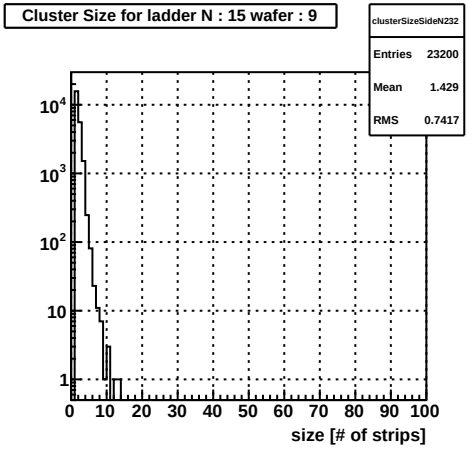

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 14307
Mean 1.414
RMS 0.7216
size [# of strips]

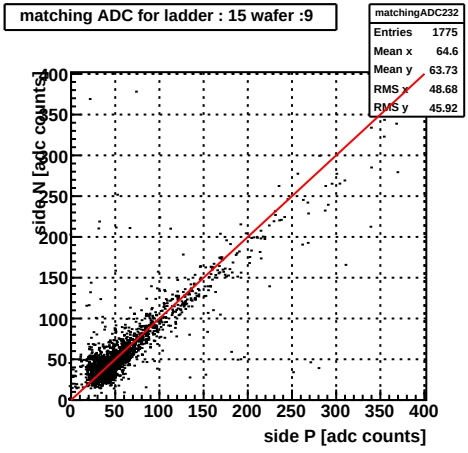

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 7926
Mean x 64.14
Mean y 63.57
RMS x 54.86
RMS y 53.79
side N [adc counts]
side P [adc counts]

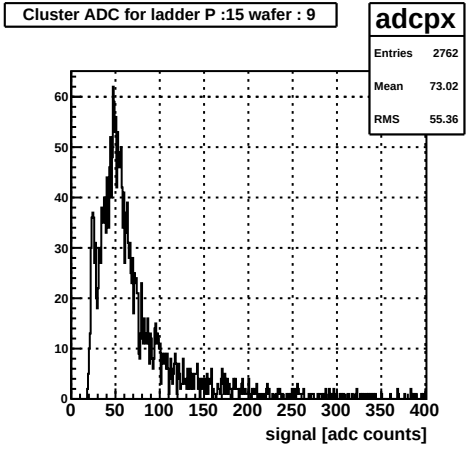

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 45177
Mean 36.68
RMS 36.87
signal [adc counts]

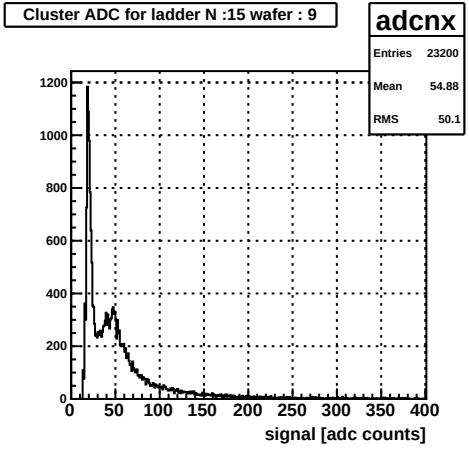

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 14307
Mean 62.38
RMS 54.92
signal [adc counts]

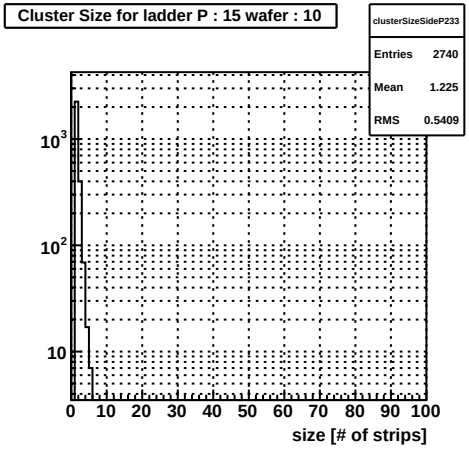

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2762
Mean 1.253
RMS 0.5634
size [# of strips]

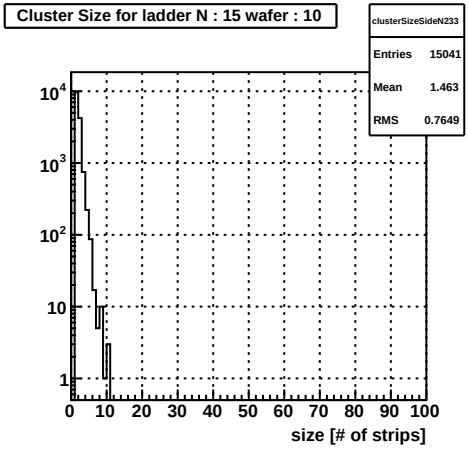

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 23200
Mean 1.429
RMS 0.7417
size [# of strips]

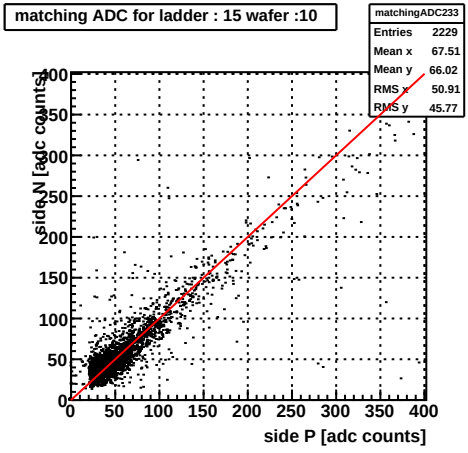

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1775
Mean x 64.6
Mean y 63.73
RMS x 48.68
RMS y 45.92
side N [adc counts]
side P [adc counts]

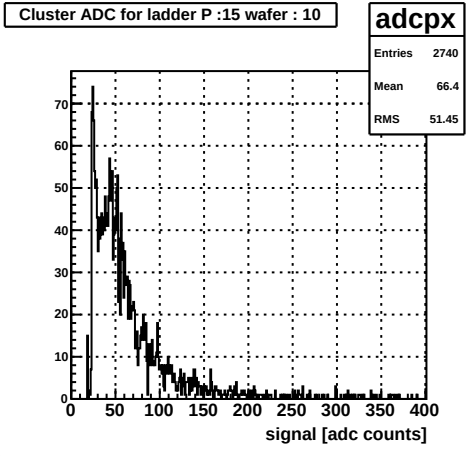

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2762
Mean 73.02
RMS 55.36
signal [adc counts]

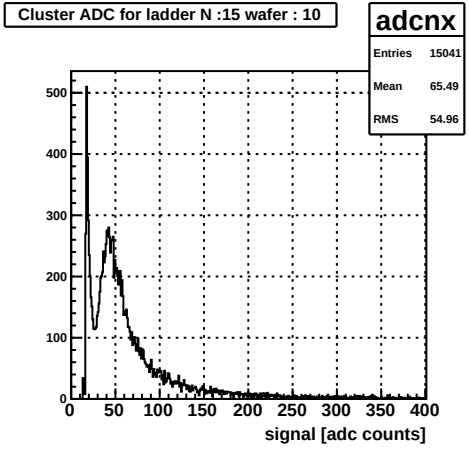

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 23200
Mean 54.88
RMS 50.1
signal [adc counts]

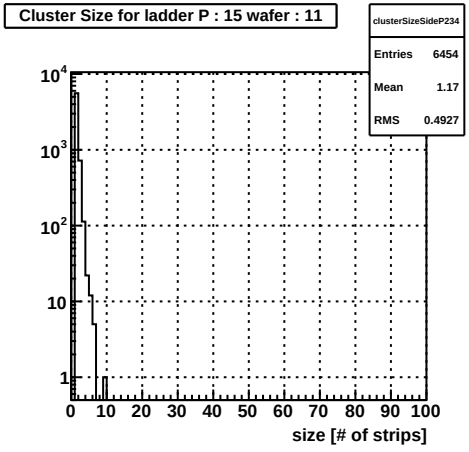

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 2740
Mean 1.225
RMS 0.5409
size [# of strips]

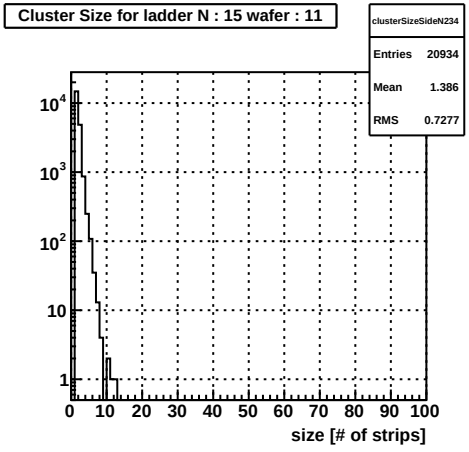

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 15041
Mean 1.463
RMS 0.7649
size [# of strips]

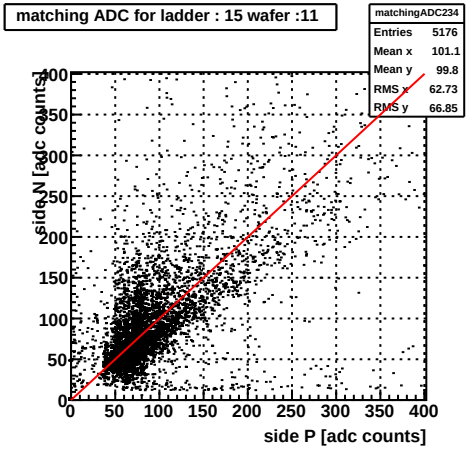

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2229
Mean x 67.51
Mean y 66.02
RMS x 50.91
RMS y 45.77
side N [adc counts]
side P [adc counts]

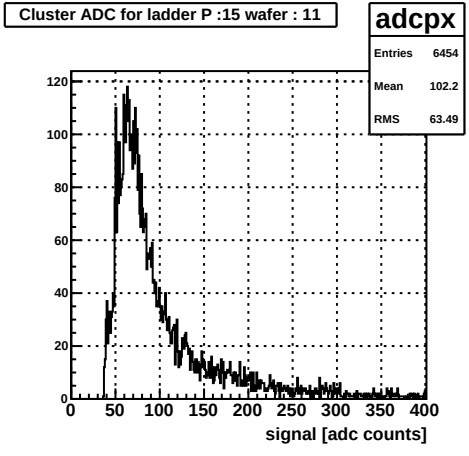

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 2740
Mean 66.4
RMS 51.45
signal [adc counts]

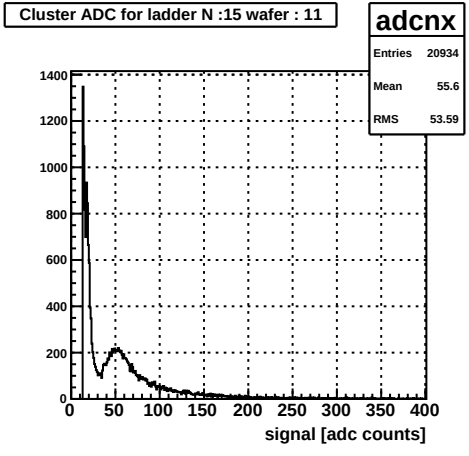

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 15041
Mean 65.49
RMS 54.96
signal [adc counts]

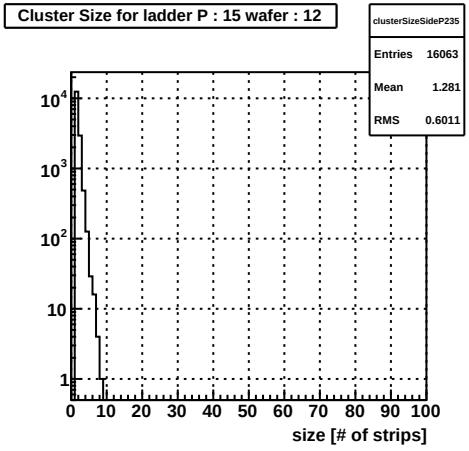

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6454
Mean 1.17
RMS 0.4927
size [# of strips]

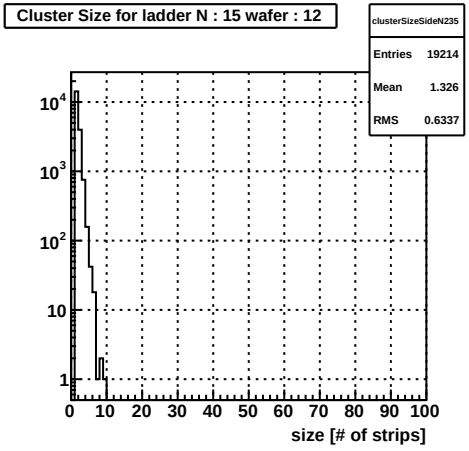

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 20934
Mean 1.386
RMS 0.7277
size [# of strips]

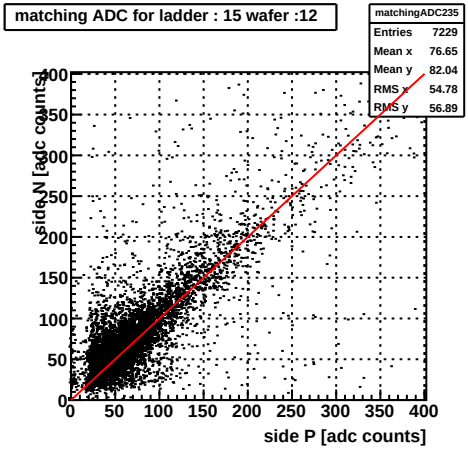

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 5176
Mean x 101.1
Mean y 99.8
RMS x 62.73
RMS y 66.85
side N [adc counts]
side P [adc counts]

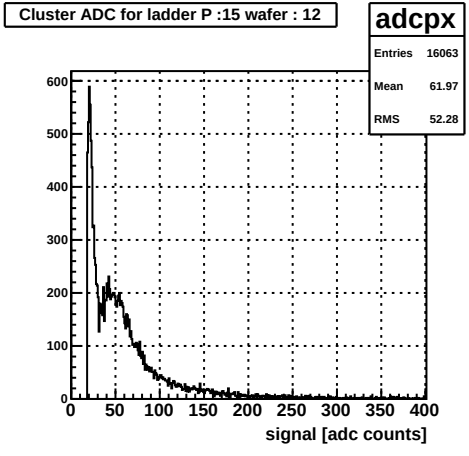

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6454
Mean 102.2
RMS 63.49
signal [adc counts]

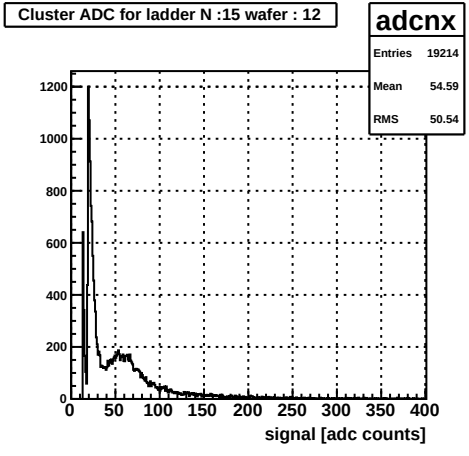

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 20934
Mean 55.6
RMS 53.59
signal [adc counts]

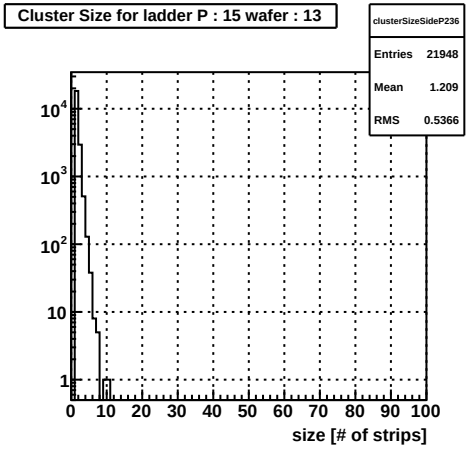

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 16063
Mean 1.281
RMS 0.6011
size [# of strips]

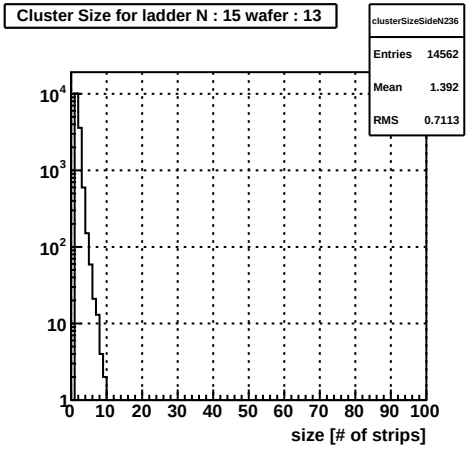

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 19214
Mean 1.326
RMS 0.6337
size [# of strips]

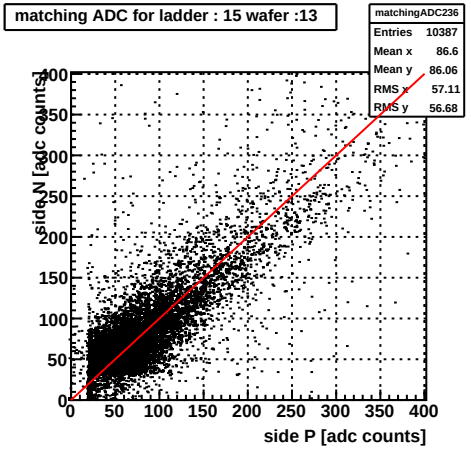

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 7229
Mean x 76.65
Mean y 82.04
RMS x 54.78
RMS y 56.89
side N [adc counts]
side P [adc counts]

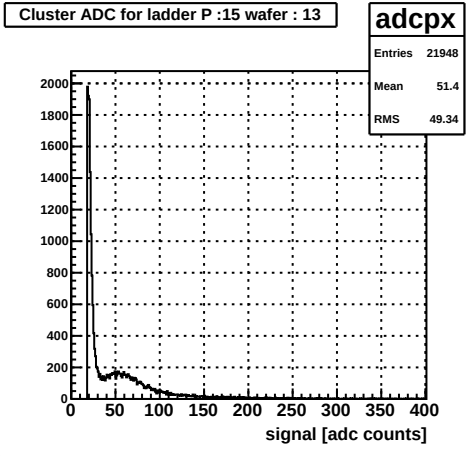

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 16063
Mean 61.97
RMS 52.28
signal [adc counts]

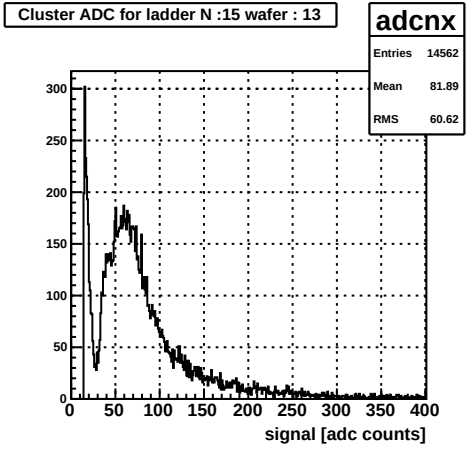

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 19214
Mean 54.59
RMS 50.54
signal [adc counts]

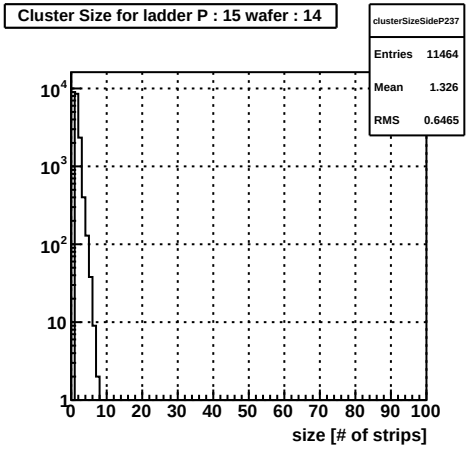

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 21948
Mean 1.209
RMS 0.5366
size [# of strips]

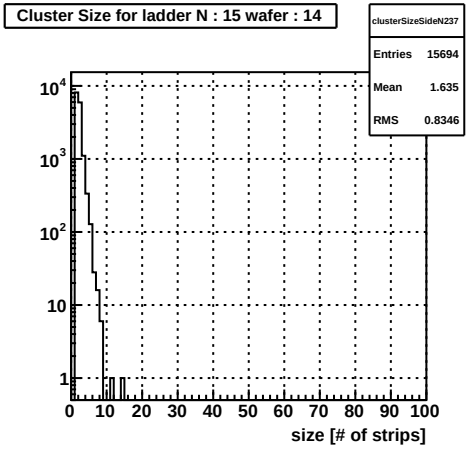

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 14562
Mean 1.392
RMS 0.7113
size [# of strips]

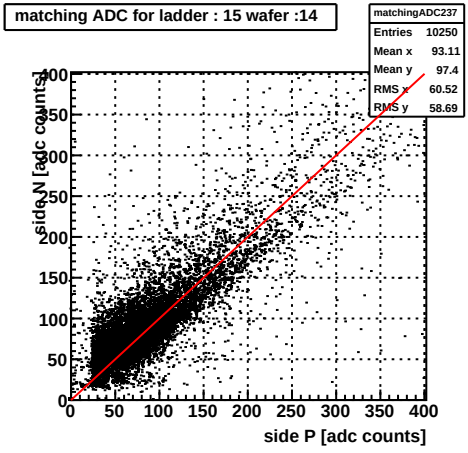

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 10387
Mean x 86.6
Mean y 86.06
RMS x 57.11
RMS y 56.68
side N [adc counts]
side P [adc counts]

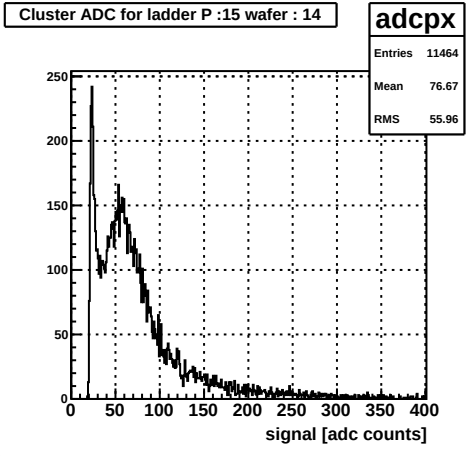

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 21948
Mean 51.4
RMS 49.34
signal [adc counts]

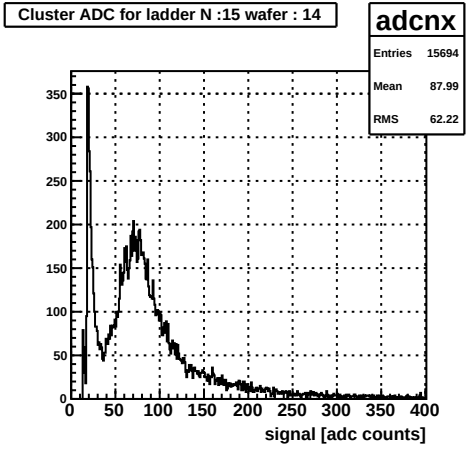

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 14562
Mean 81.89
RMS 60.62
signal [adc counts]

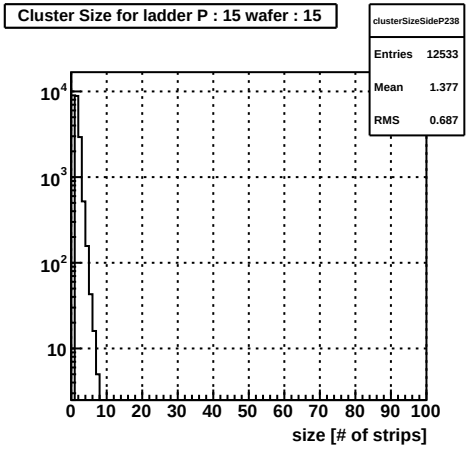

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 11464
Mean 1.326
RMS 0.6465
size [# of strips]

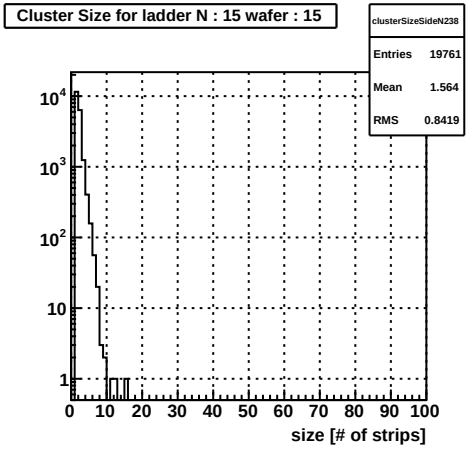

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 15694
Mean 1.635
RMS 0.8346
size [# of strips]

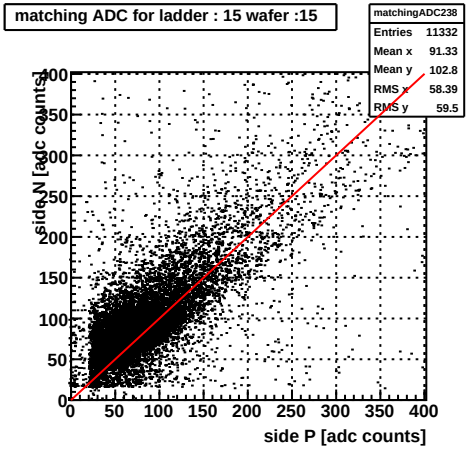

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 10250
Mean x 93.11
Mean y 97.4
RMS x 60.52
RMS y 58.69
side N [adc counts]
side P [adc counts]

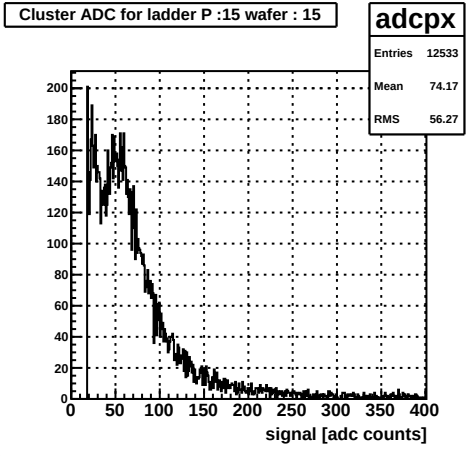

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 11464
Mean 76.67
RMS 55.96
signal [adc counts]

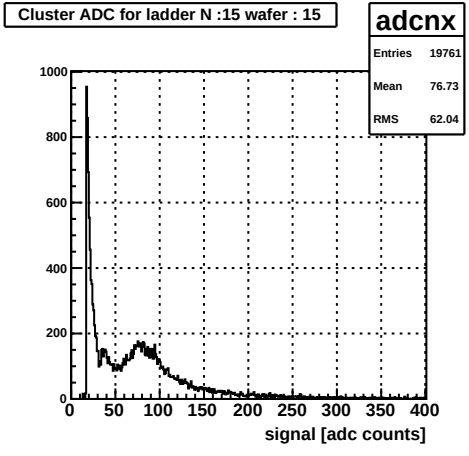

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 15694
Mean 87.99
RMS 62.22
signal [adc counts]

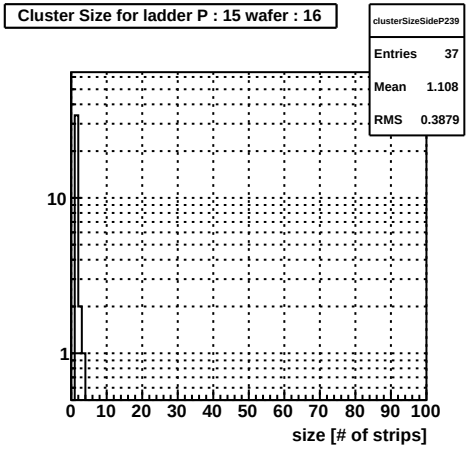

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 12533
Mean 1.377
RMS 0.687
size [# of strips]

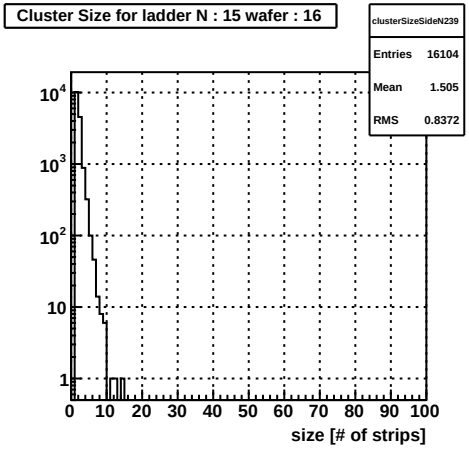

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 19761
Mean 1.564
RMS 0.8419
size [# of strips]

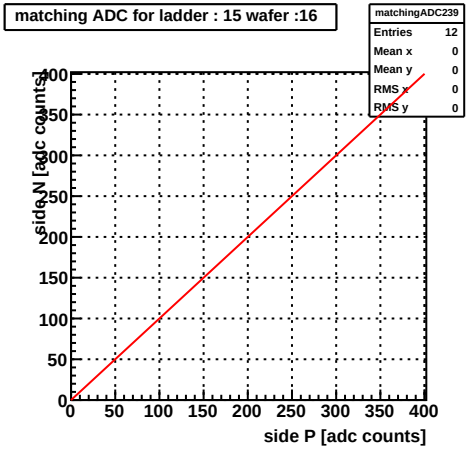

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 11332
Mean x 91.33
Mean y 102.8
RMS x 58.39
RMS y 59.5
side N [adc counts]
side P [adc counts]

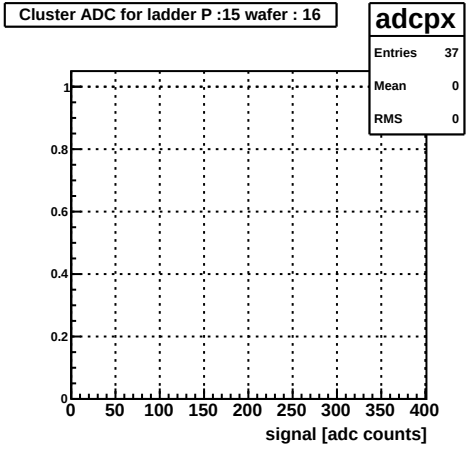

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 12533
Mean 74.17
RMS 56.27
signal [adc counts]

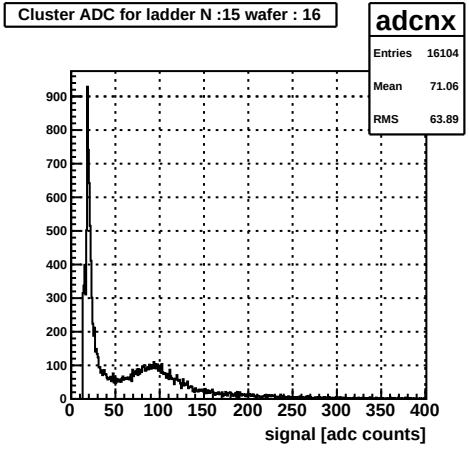

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 19761
Mean 76.73
RMS 62.04
signal [adc counts]

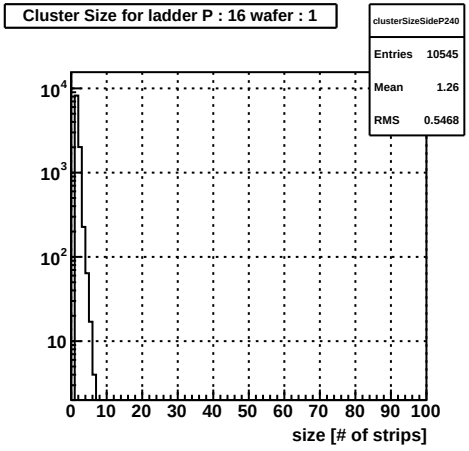

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 37
Mean 1.108
RMS 0.3879
size [# of strips]

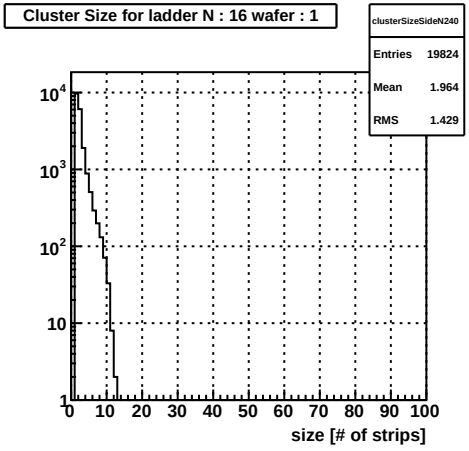

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 16104
Mean 1.505
RMS 0.8372
size [# of strips]

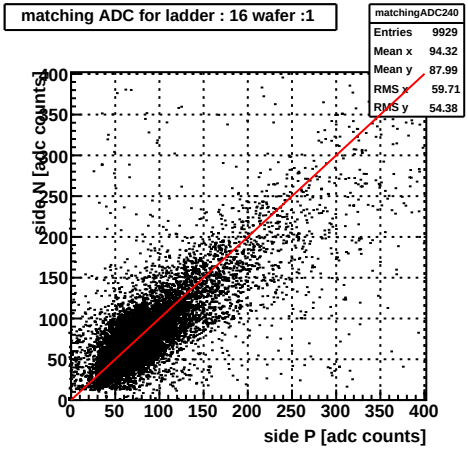

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 12
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

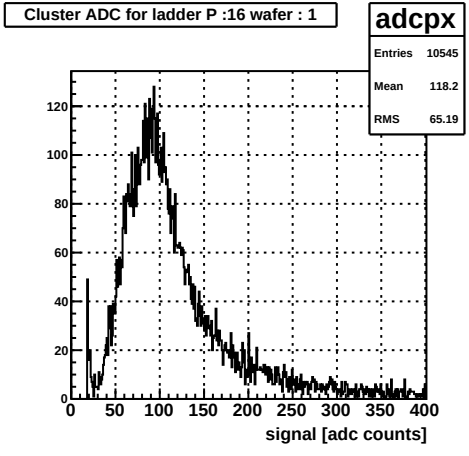

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 37
Mean 0
RMS 0
signal [adc counts]

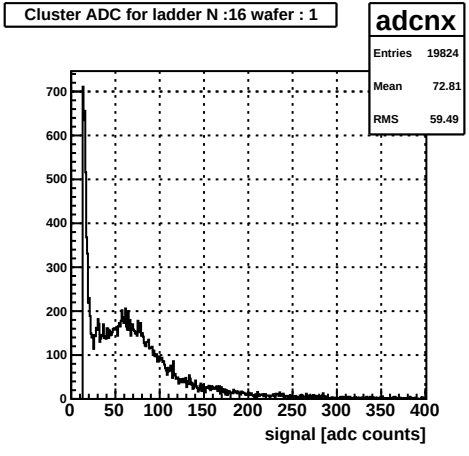

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 16104
Mean 71.06
RMS 63.89
signal [adc counts]

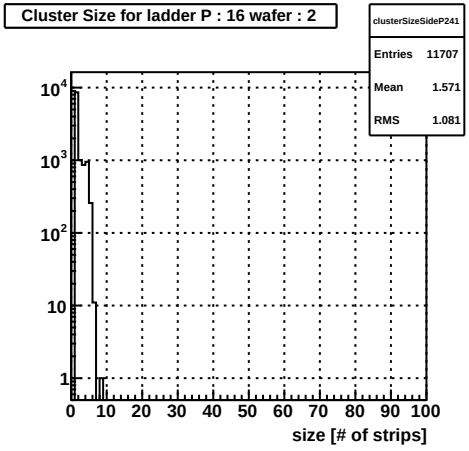

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 10545
Mean 1.26
RMS 0.5468
size [# of strips]

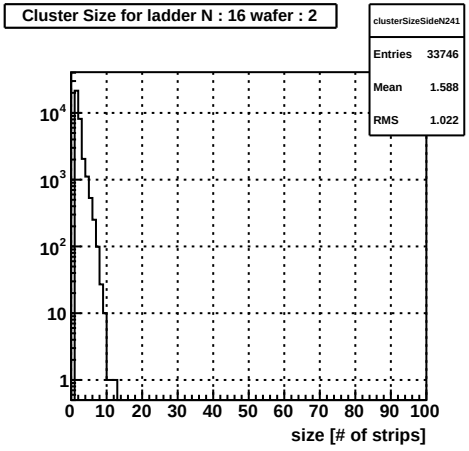

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 19824
Mean 1.964
RMS 1.429
size [# of strips]

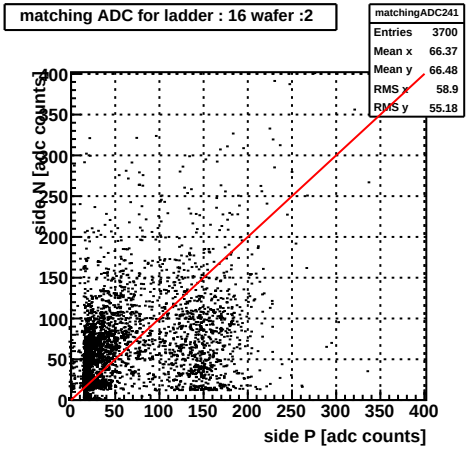

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 9929
Mean x 94.32
Mean y 87.99
RMS x 59.71
RMS y 54.38
side N [adc counts]
side P [adc counts]

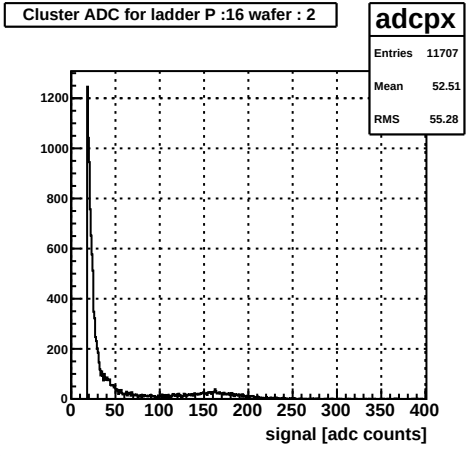

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 10545
Mean 118.2
RMS 65.19
signal [adc counts]

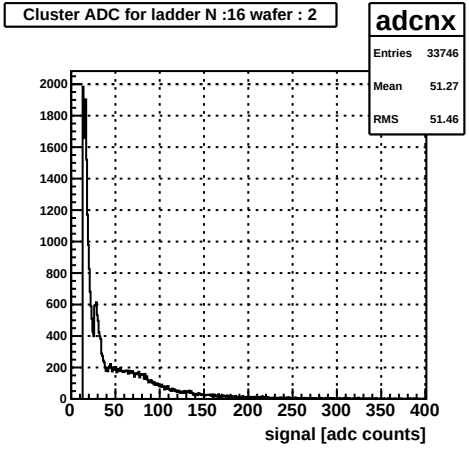

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 19824
Mean 72.81
RMS 59.49
signal [adc counts]

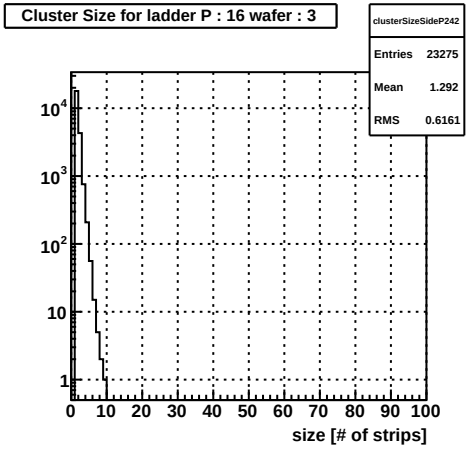

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 11707
Mean 1.571
RMS 1.081
size [# of strips]

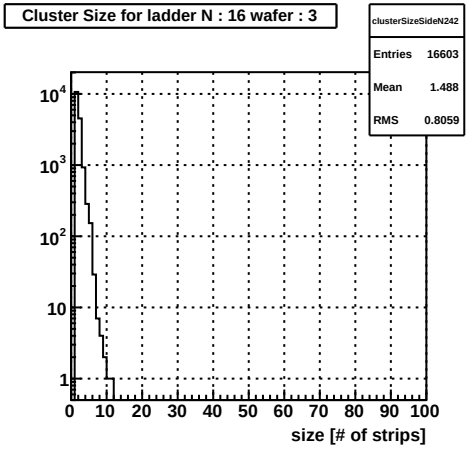

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 33746
Mean 1.588
RMS 1.022
size [# of strips]

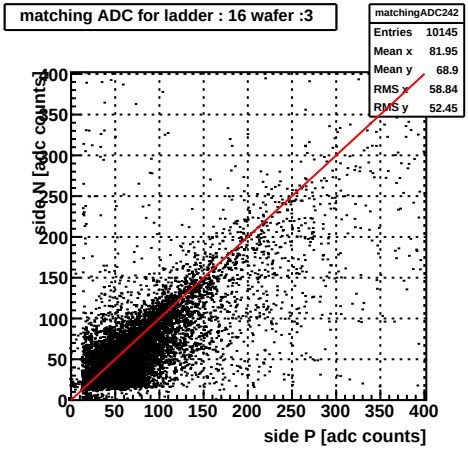

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 3700
Mean x 66.37
Mean y 66.48
RMS x 58.9
RMS y 55.18
side N [adc counts]
side P [adc counts]

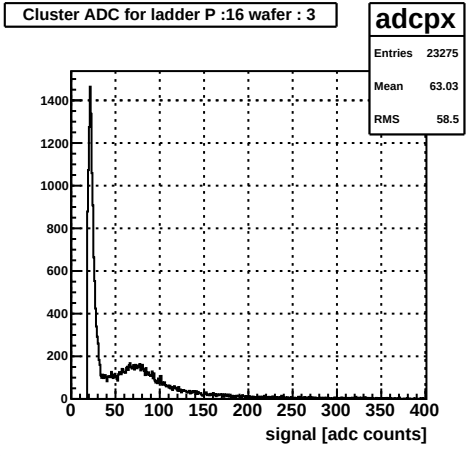

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 11707
Mean 52.51
RMS 55.28
signal [adc counts]

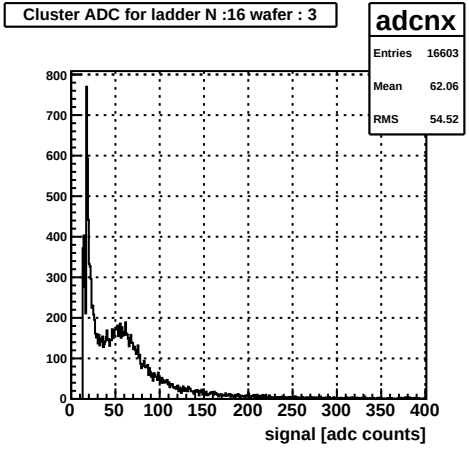

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 33746
Mean 51.27
RMS 51.46
signal [adc counts]

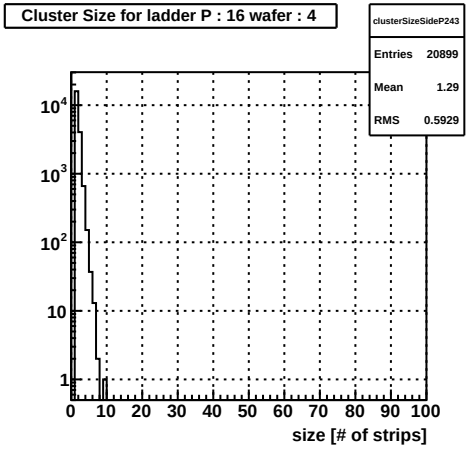

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 23275
Mean 1.292
RMS 0.6161
size [# of strips]

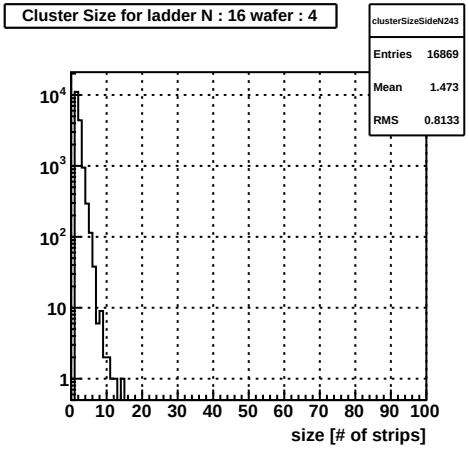

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 16603
Mean 1.488
RMS 0.8059
size [# of strips]

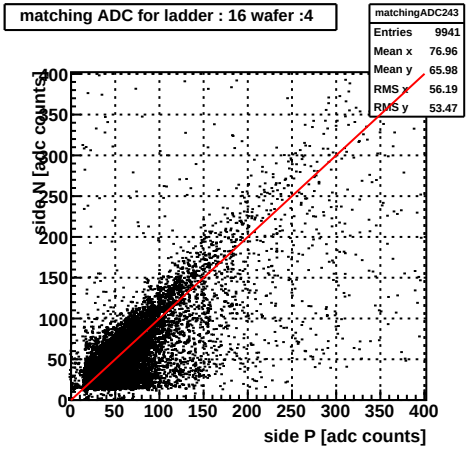

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 10145
Mean x 81.95
Mean y 68.9
RMS x 58.84
RMS y 52.45
side N [adc counts]
side P [adc counts]

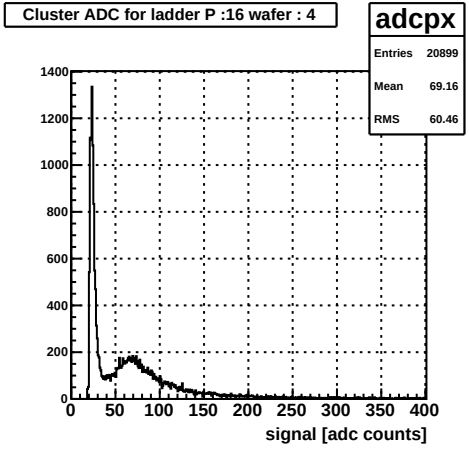

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 23275
Mean 63.03
RMS 58.5
signal [adc counts]

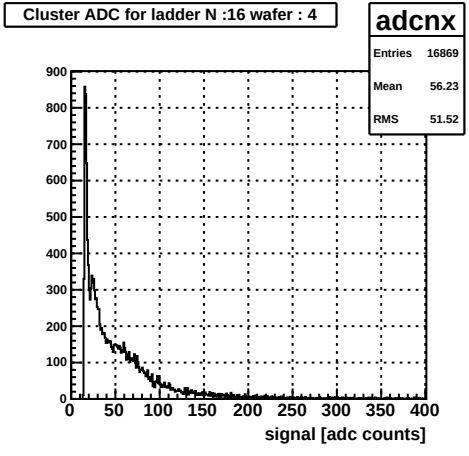

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 16603
Mean 62.06
RMS 54.52
signal [adc counts]

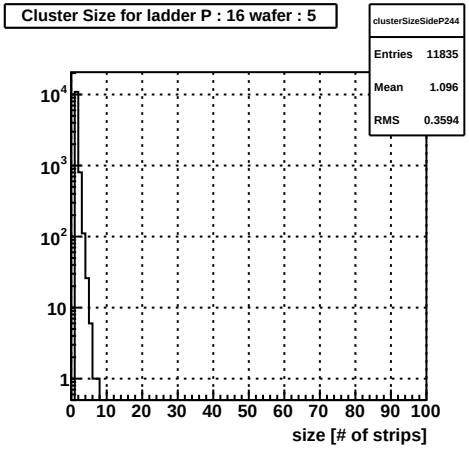

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 20899
Mean 1.29
RMS 0.5929
size [# of strips]

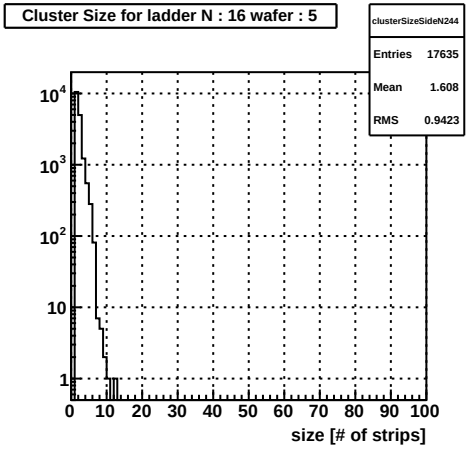

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 16869
Mean 1.473
RMS 0.8133
size [# of strips]

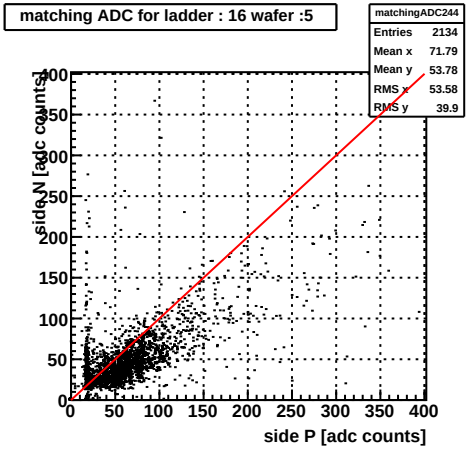

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 9941
Mean x 76.96
Mean y 65.98
RMS x 56.19
RMS y 53.47
side N [adc counts]
side P [adc counts]

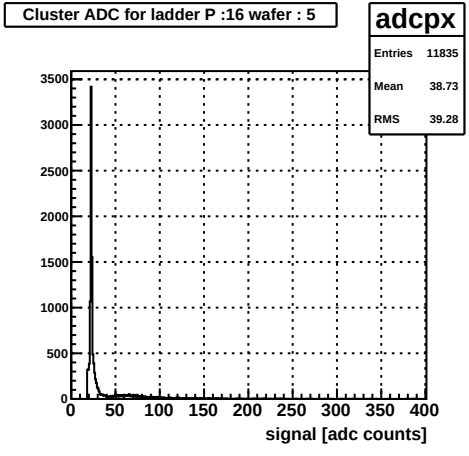

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 20899
Mean 69.16
RMS 60.46
signal [adc counts]

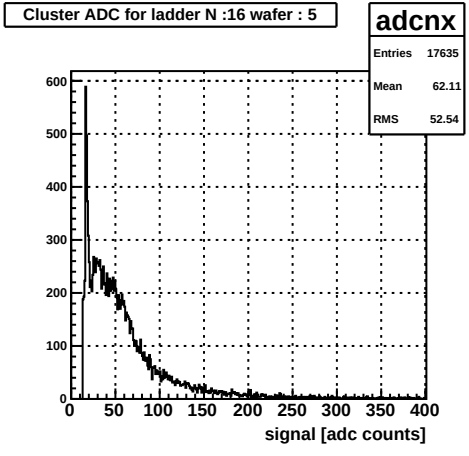

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 16869
Mean 56.23
RMS 51.52
signal [adc counts]

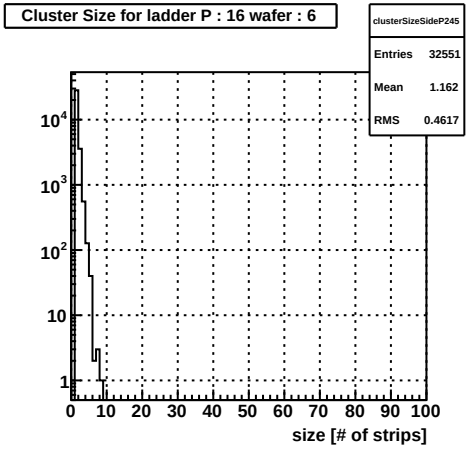

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 11835
Mean 1.096
RMS 0.3594
size [# of strips]

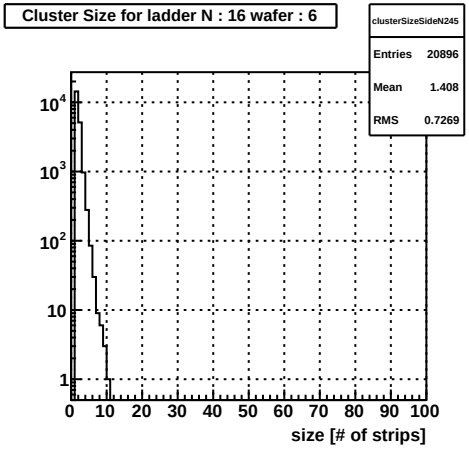

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 17635
Mean 1.608
RMS 0.9423
size [# of strips]

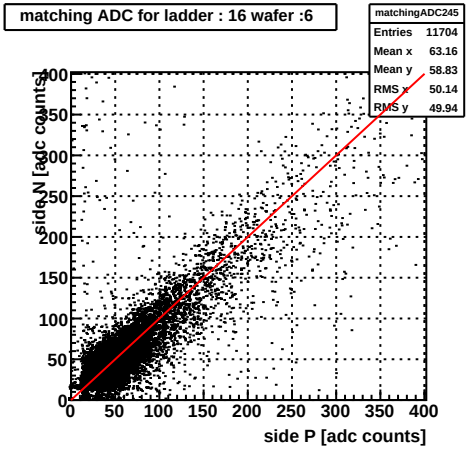

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 2134
Mean x 71.79
Mean y 53.78
RMS x 53.58
RMS y 39.9
side N [adc counts]
side P [adc counts]

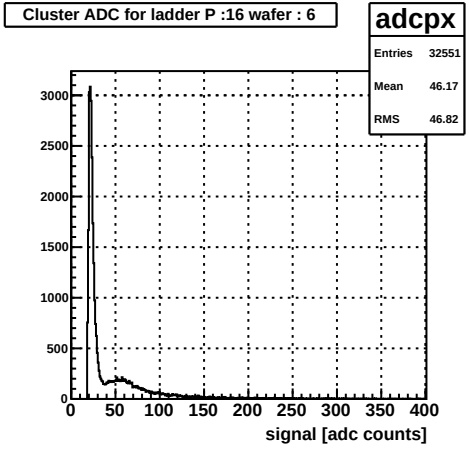

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 11835
Mean 38.73
RMS 39.28
signal [adc counts]

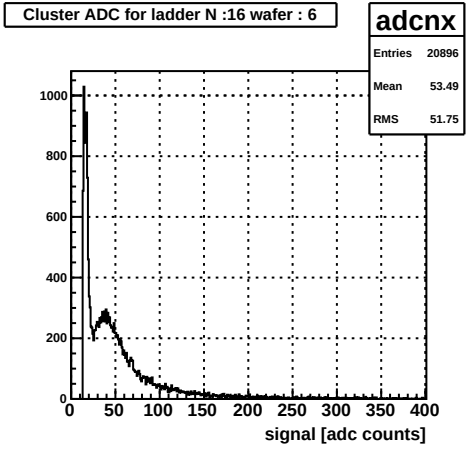

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 17635
Mean 62.11
RMS 52.54
signal [adc counts]

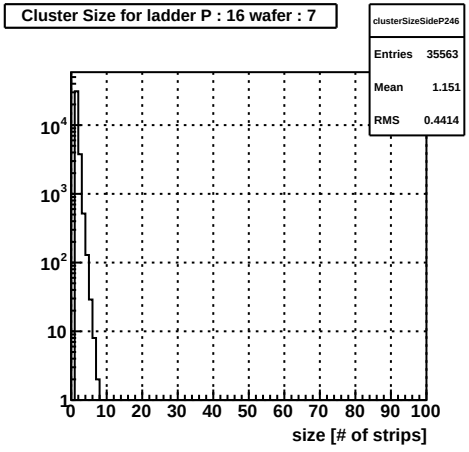

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 32551
Mean 1.162
RMS 0.4617
size [# of strips]

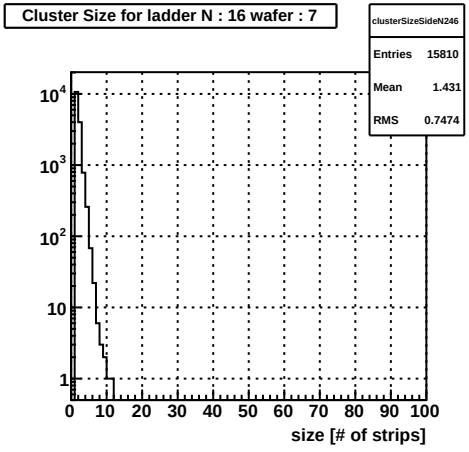

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 20896
Mean 1.408
RMS 0.7269
size [# of strips]

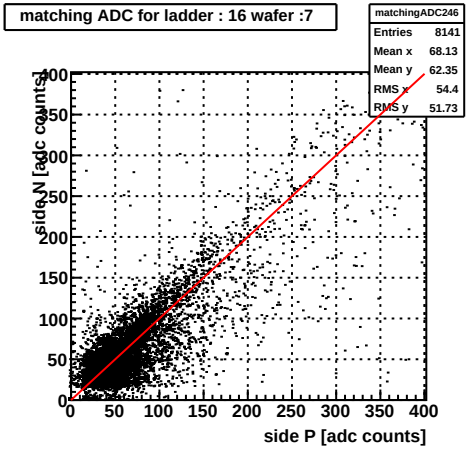

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 11704
Mean x 63.16
Mean y 58.83
RMS x 50.14
RMS y 49.94
side N [adc counts]
side P [adc counts]

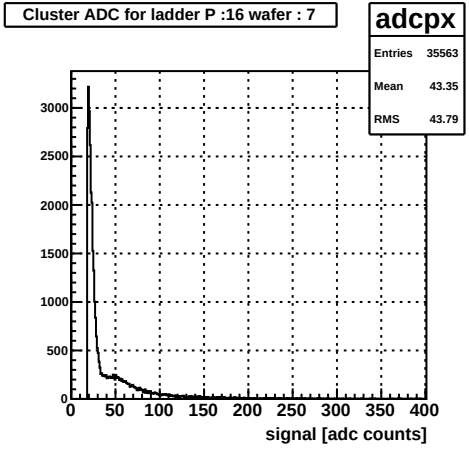

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 32551
Mean 46.17
RMS 46.82
signal [adc counts]

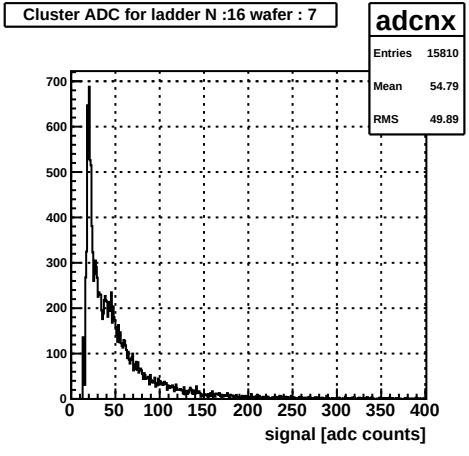

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 20896
Mean 53.49
RMS 51.75
signal [adc counts]

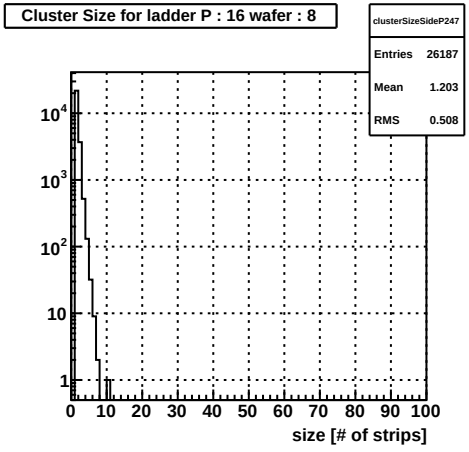

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 35563
Mean 1.151
RMS 0.4414
size [# of strips]

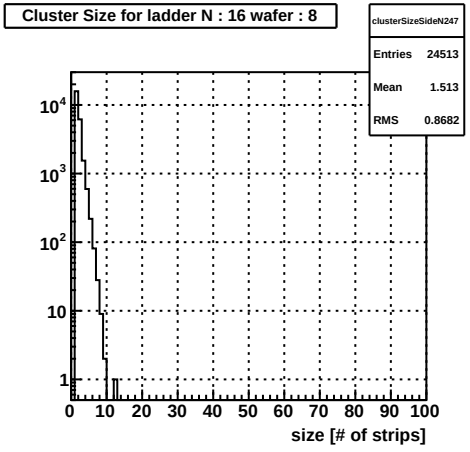

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 15810
Mean 1.431
RMS 0.7474
size [# of strips]

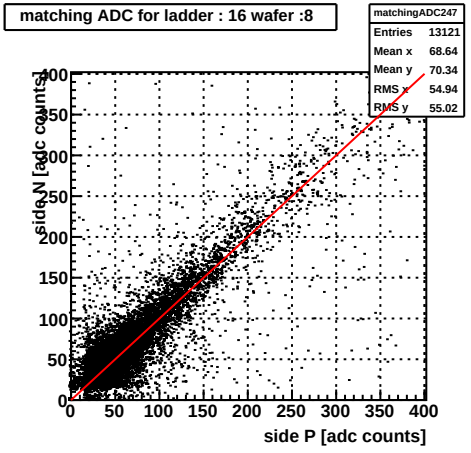

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 8141
Mean x 68.13
Mean y 62.35
RMS x 54.4
RMS y 51.73
side N [adc counts]
side P [adc counts]

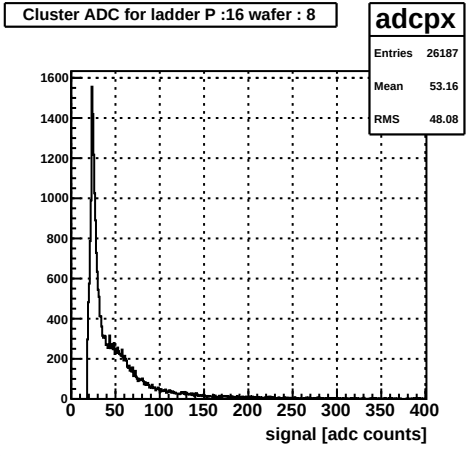

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 35563
Mean 43.35
RMS 43.79
signal [adc counts]

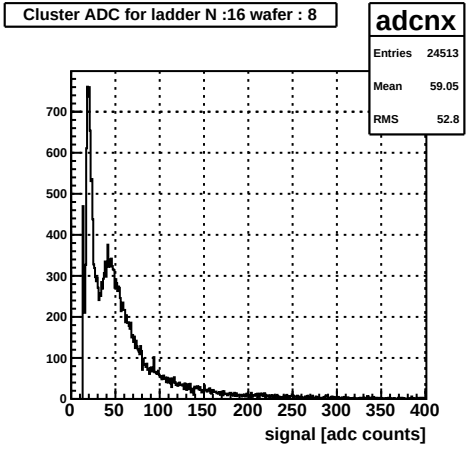

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 15810
Mean 54.79
RMS 49.89
signal [adc counts]

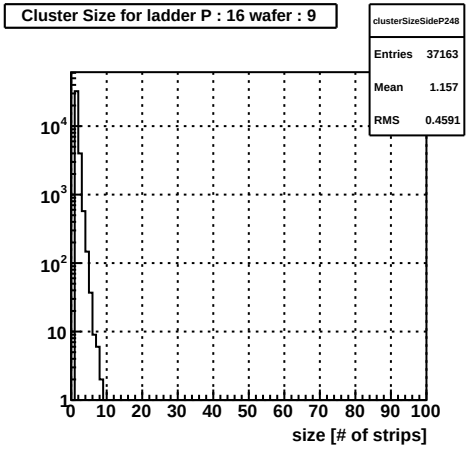

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 26187
Mean 1.203
RMS 0.508
size [# of strips]

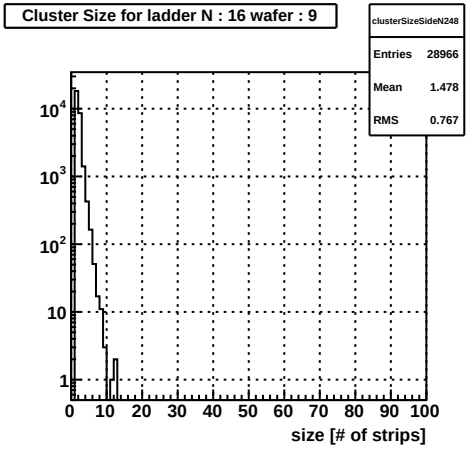

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 24513
Mean 1.513
RMS 0.8682
size [# of strips]

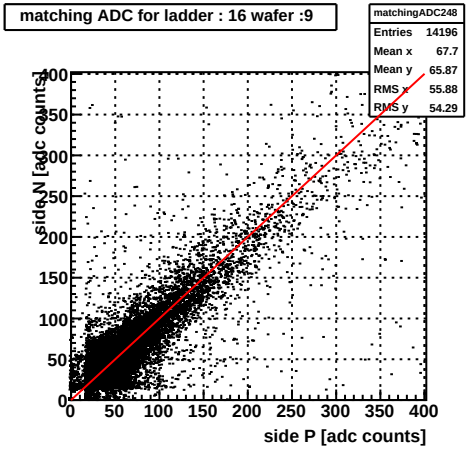

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 13121
Mean x 68.64
Mean y 70.34
RMS x 54.94
RMS y 55.02
side N [adc counts]
side P [adc counts]

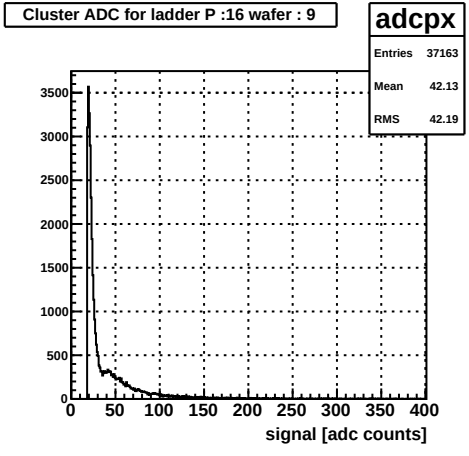

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 26187
Mean 53.16
RMS 48.08
signal [adc counts]

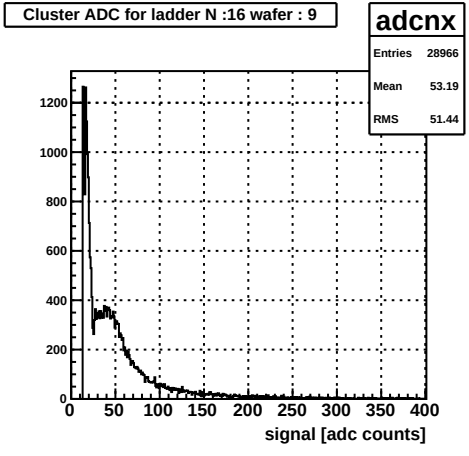

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 24513
Mean 59.05
RMS 52.8
signal [adc counts]

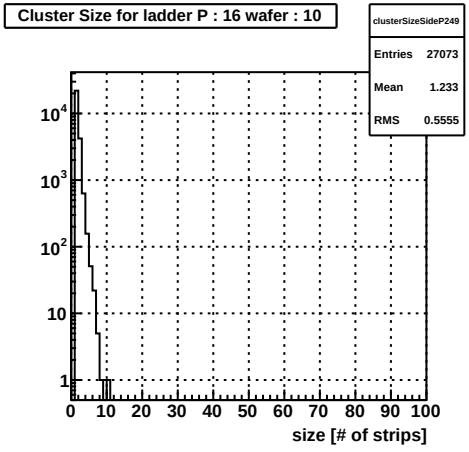

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 37163
Mean 1.157
RMS 0.4591
size [# of strips]

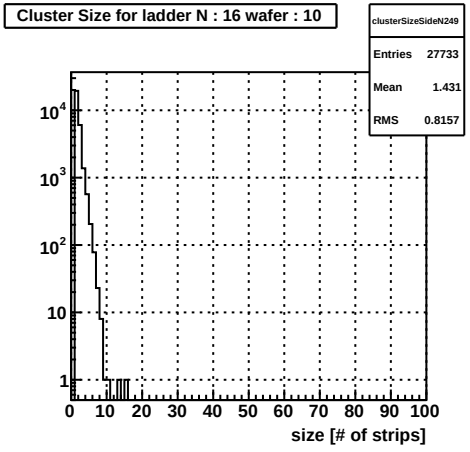

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 28966
Mean 1.478
RMS 0.767
size [# of strips]

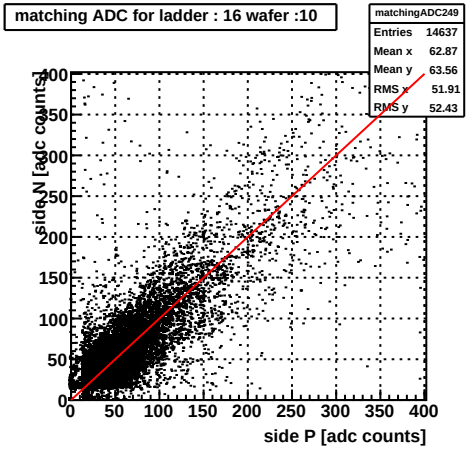

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 14196
Mean x 67.7
Mean y 65.87
RMS x 55.88
RMS y 54.29
side N [adc counts]
side P [adc counts]

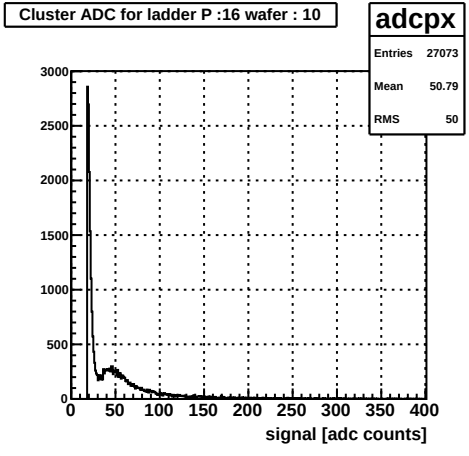

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 37163
Mean 42.13
RMS 42.19
signal [adc counts]

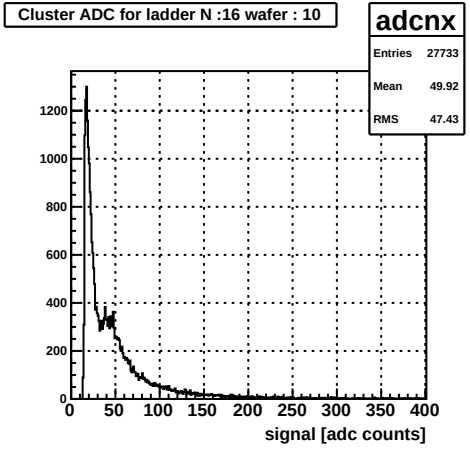

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 28966
Mean 53.19
RMS 51.44
signal [adc counts]

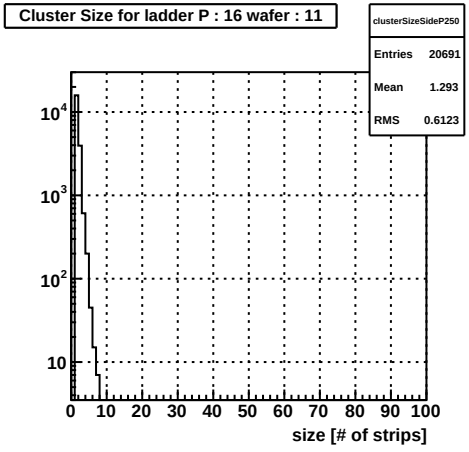

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 27073
Mean 1.233
RMS 0.5555
size [# of strips]

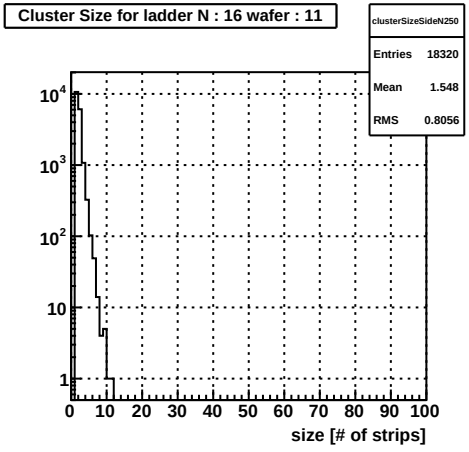

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 27733
Mean 1.431
RMS 0.8157
size [# of strips]

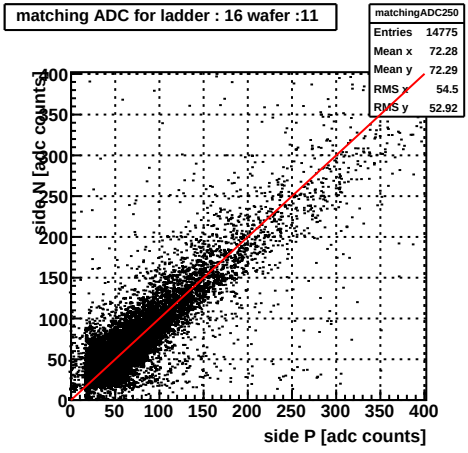

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 14637
Mean x 62.87
Mean y 63.56
RMS x 51.91
RMS y 52.43
side N [adc counts]
side P [adc counts]

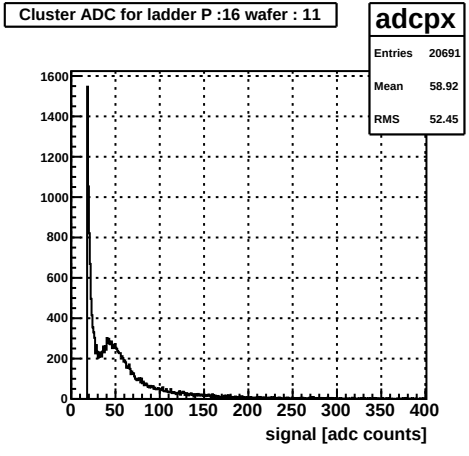

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 27073
Mean 50.79
RMS 50
signal [adc counts]

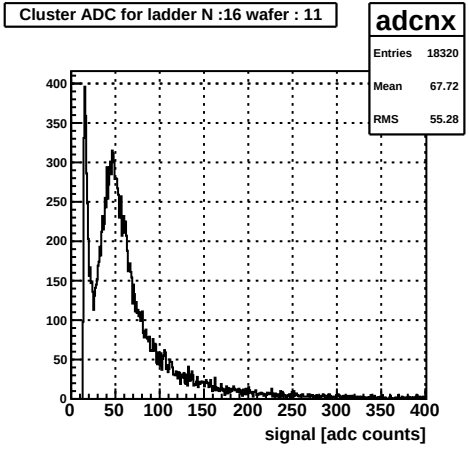

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 27733
Mean 49.92
RMS 47.43
signal [adc counts]

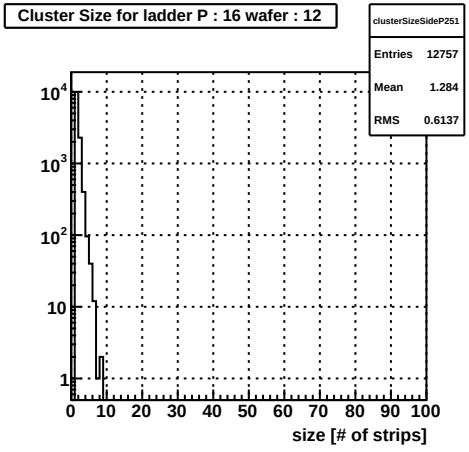

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 20691
Mean 1.293
RMS 0.6123
size [# of strips]

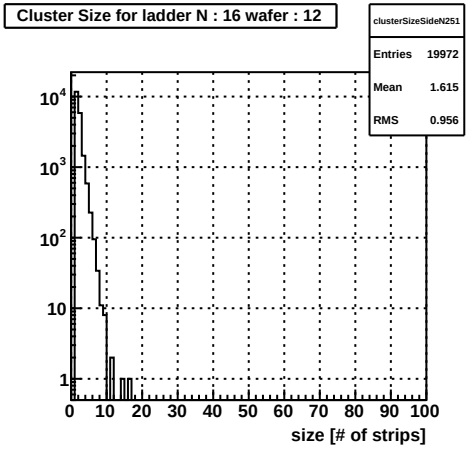

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 18320
Mean 1.548
RMS 0.8056
size [# of strips]

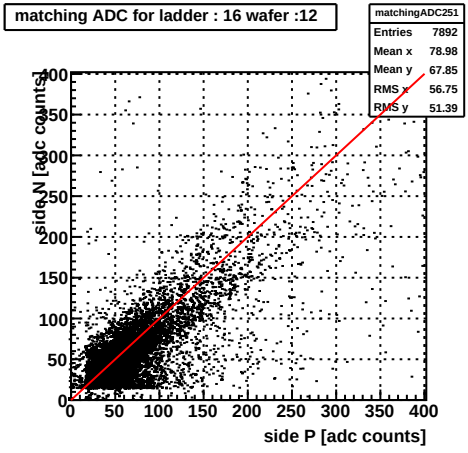

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 14775
Mean x 72.28
Mean y 72.29
RMS x 54.5
RMS y 52.92
side N [adc counts]
side P [adc counts]

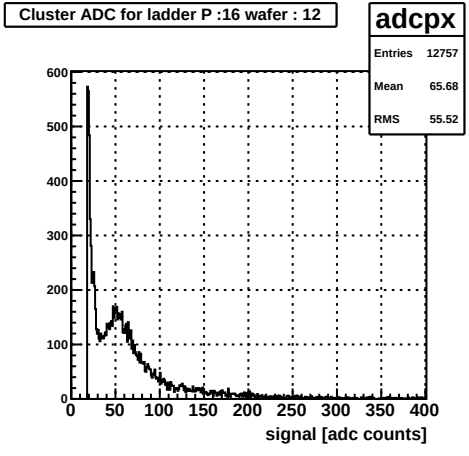

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 20691
Mean 58.92
RMS 52.45
signal [adc counts]

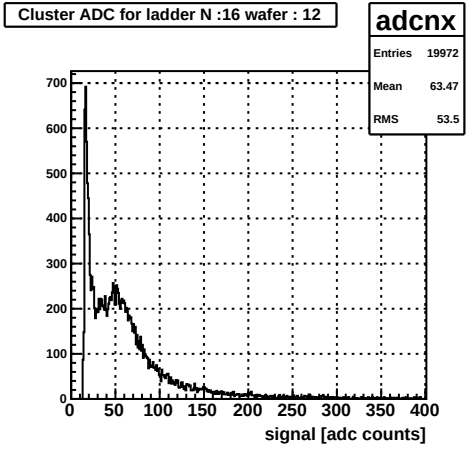

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 18320
Mean 67.72
RMS 55.28
signal [adc counts]

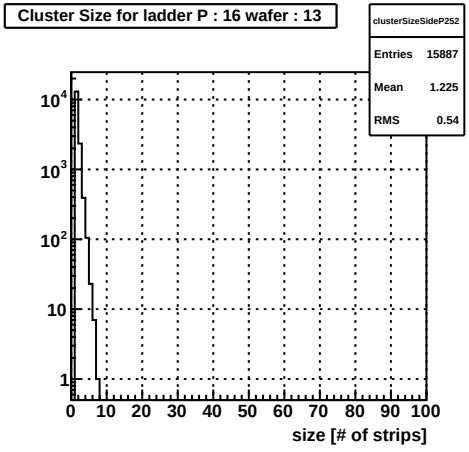

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 12757
Mean 1.284
RMS 0.6137
size [# of strips]

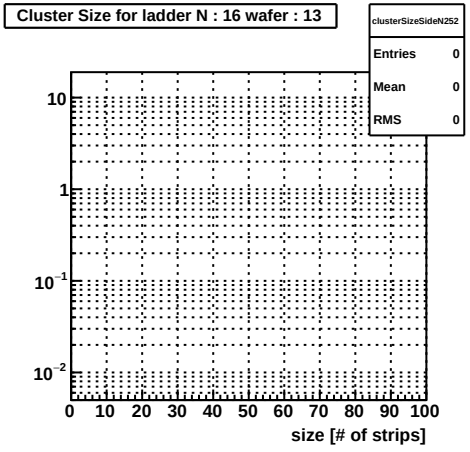

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 19972
Mean 1.615
RMS 0.956
size [# of strips]

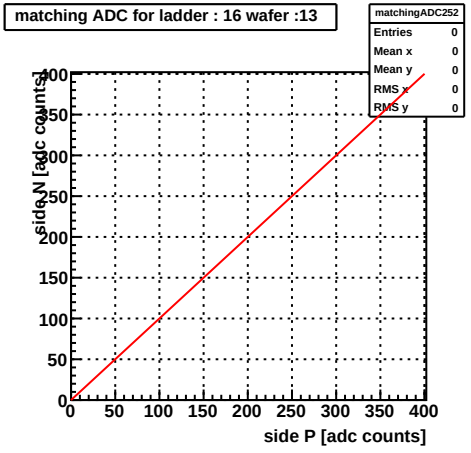

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 7892
Mean x 78.98
Mean y 67.85
RMS x 56.75
RMS y 51.39
side N [adc counts]
side P [adc counts]

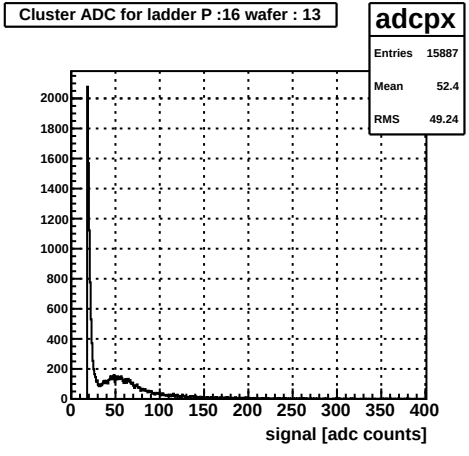

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 12757
Mean 65.68
RMS 55.52
signal [adc counts]

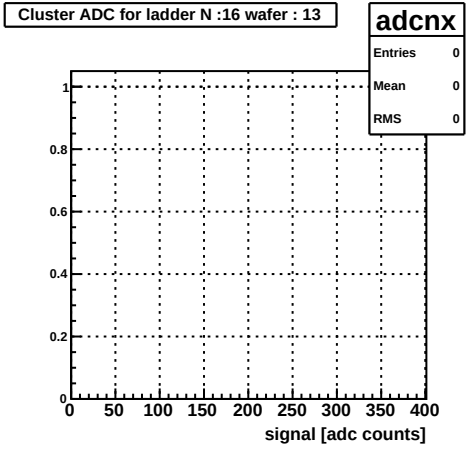

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 19972
Mean 63.47
RMS 53.5
signal [adc counts]

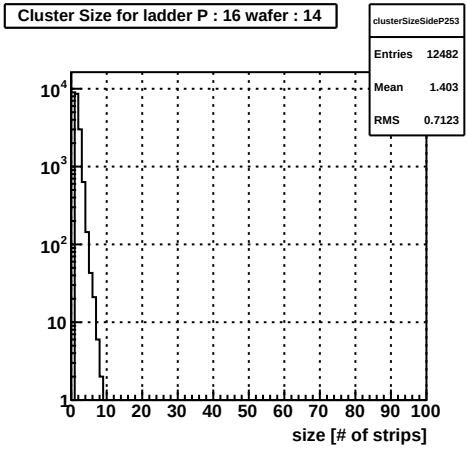

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 15887
Mean 1.225
RMS 0.54
size [# of strips]

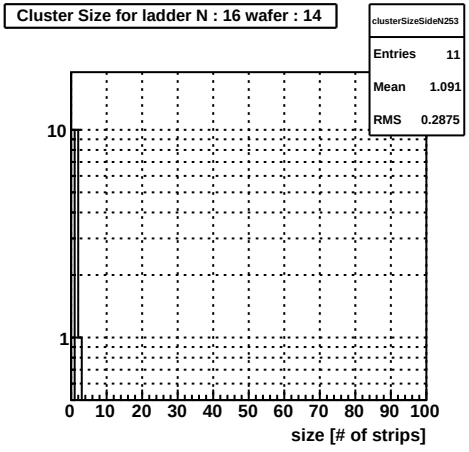

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

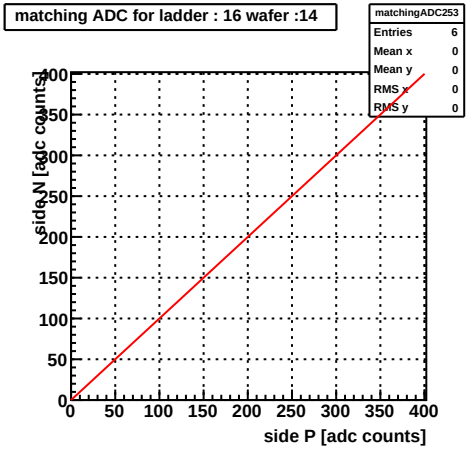

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

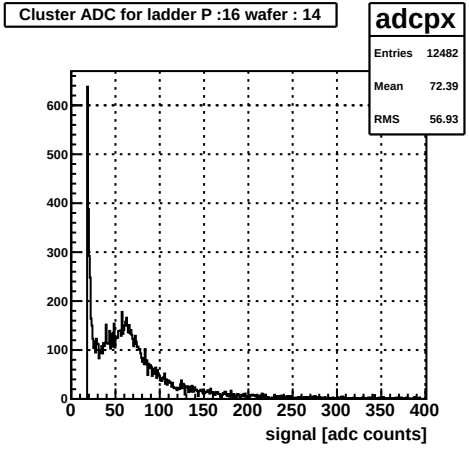

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 15887
Mean 52.4
RMS 49.24
signal [adc counts]

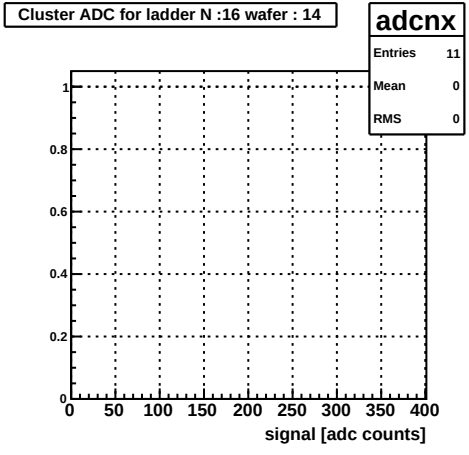

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

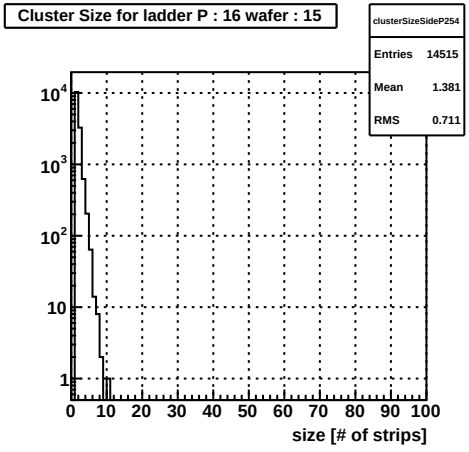

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 12482
Mean 1.403
RMS 0.7123
size [# of strips]

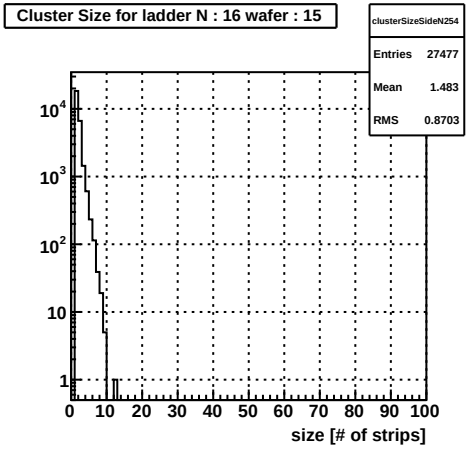

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 11
Mean 1.091
RMS 0.2875
size [# of strips]

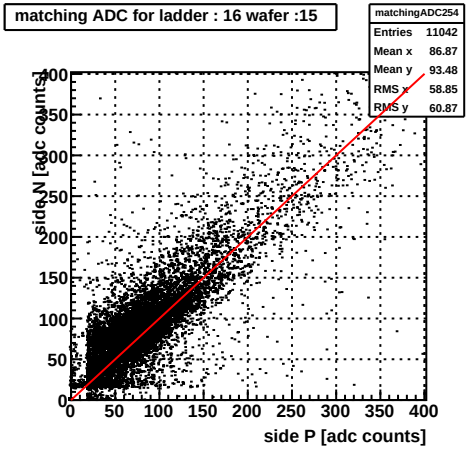

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

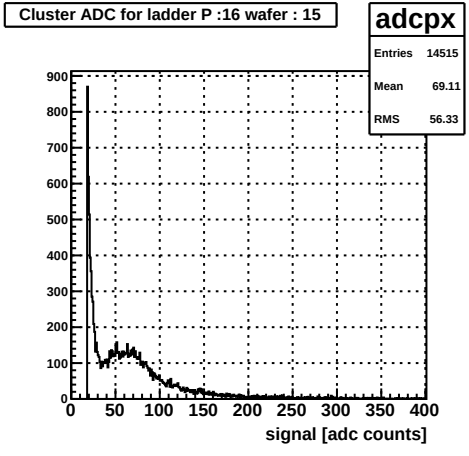

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 12482
Mean 72.39
RMS 56.93
signal [adc counts]

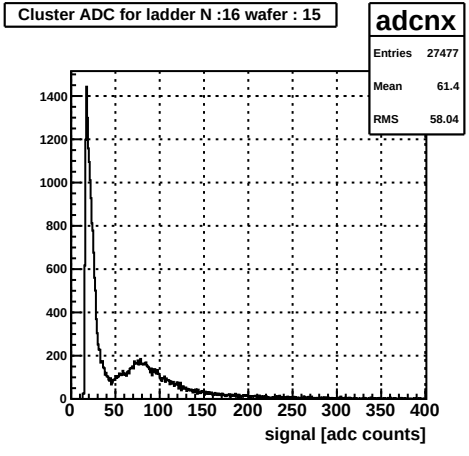

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 11
Mean 0
RMS 0
signal [adc counts]

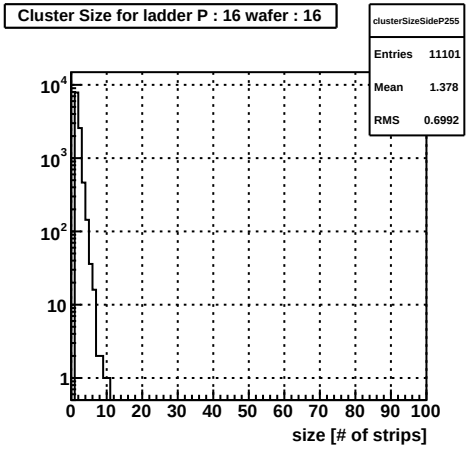

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 14515
Mean 1.381
RMS 0.711
size [# of strips]

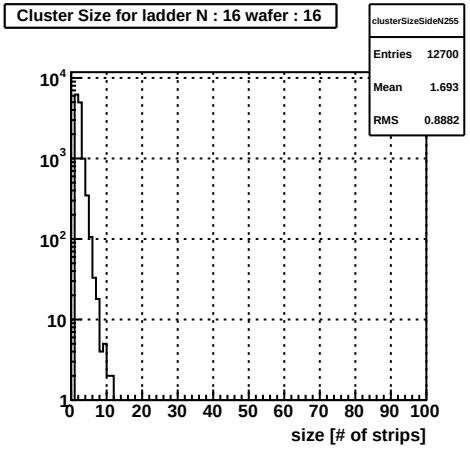

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 27477
Mean 1.483
RMS 0.8703
size [# of strips]

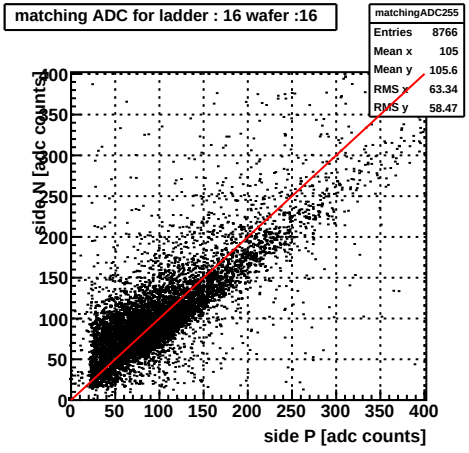

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 11042
Mean x 86.87
Mean y 93.48
RMS x 58.85
RMS y 60.87
side N [adc counts]
side P [adc counts]

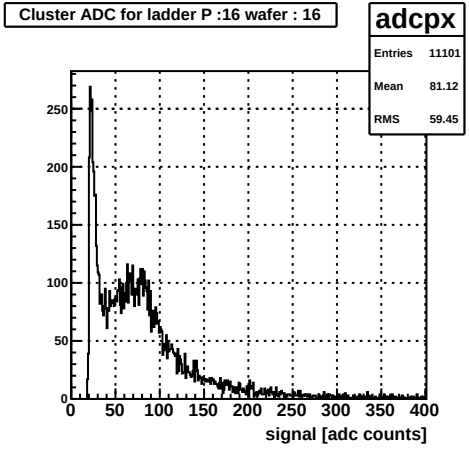

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 14515
Mean 69.11
RMS 56.33
signal [adc counts]

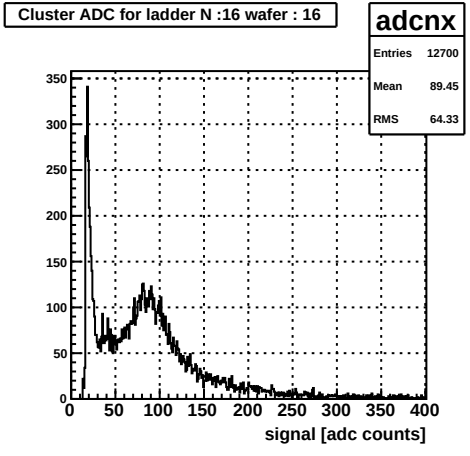

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 27477
Mean 61.4
RMS 58.04
signal [adc counts]

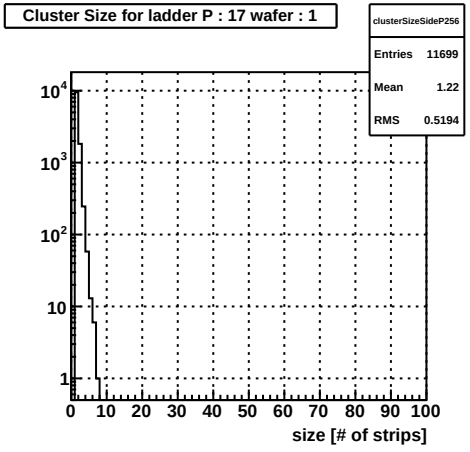

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 11101
Mean 1.378
RMS 0.6992
size [# of strips]

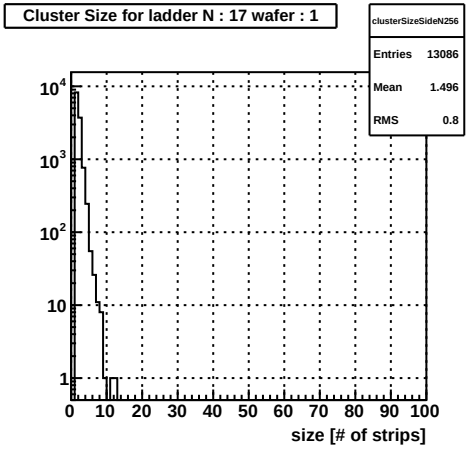

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 12700
Mean 1.693
RMS 0.8882
size [# of strips]

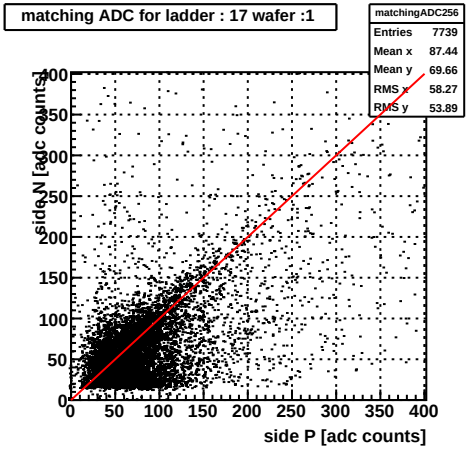

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 8766
Mean x 105
Mean y 105.6
RMS x 63.34
RMS y 58.47
side N [adc counts]
side P [adc counts]

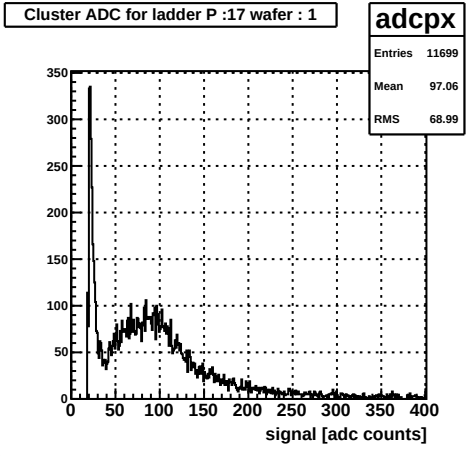

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 11101
Mean 81.12
RMS 59.45
signal [adc counts]

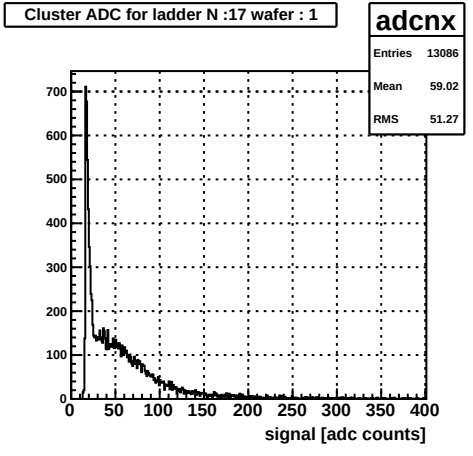

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 12700
Mean 89.45
RMS 64.33
signal [adc counts]

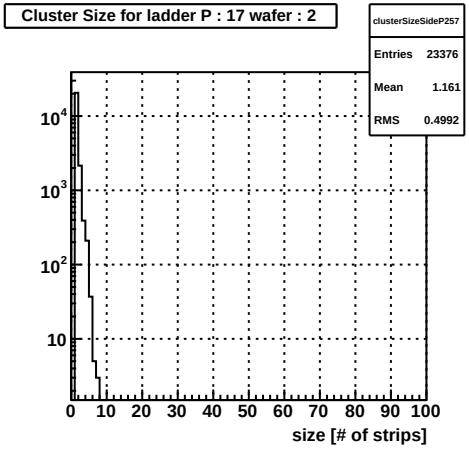

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 11699
Mean 1.22
RMS 0.5194
size [# of strips]

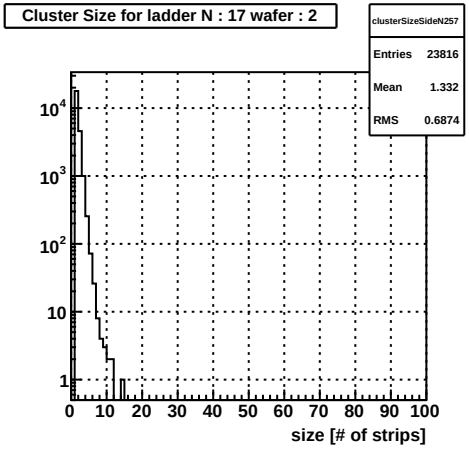

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 13086
Mean 1.496
RMS 0.8
size [# of strips]

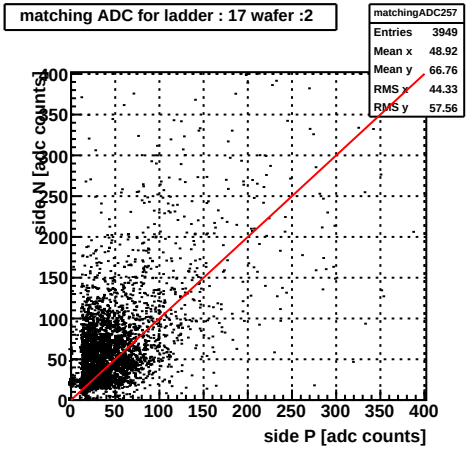

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 7739
Mean x 87.44
Mean y 69.66
RMS x 58.27
RMS y 53.89
side N [adc counts]
side P [adc counts]

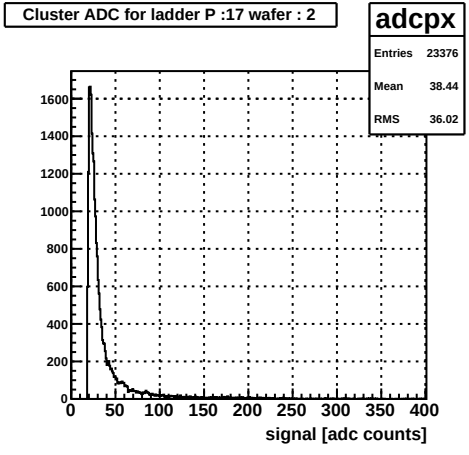

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 11699
Mean 97.06
RMS 68.99
signal [adc counts]

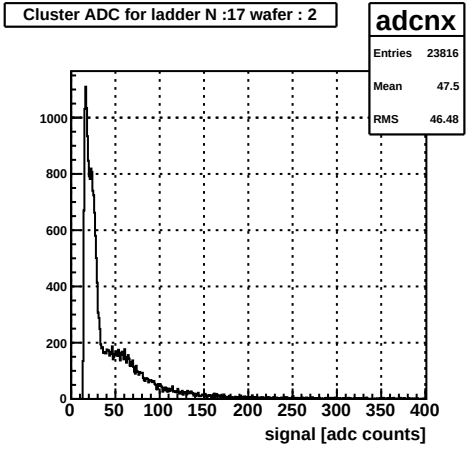

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 13086
Mean 59.02
RMS 51.27
signal [adc counts]

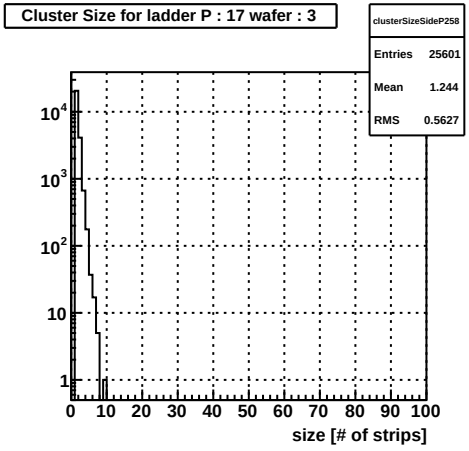

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 23376
Mean 1.161
RMS 0.4992
size [# of strips]

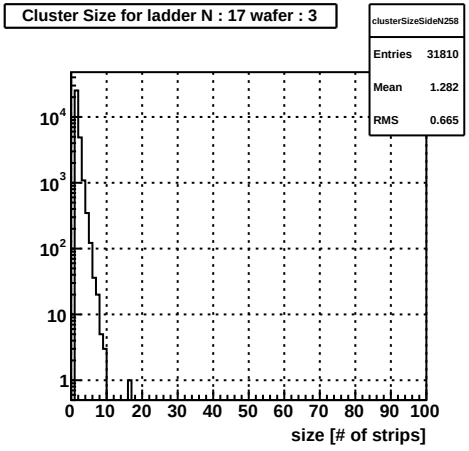

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 23816
Mean 1.332
RMS 0.6874
size [# of strips]

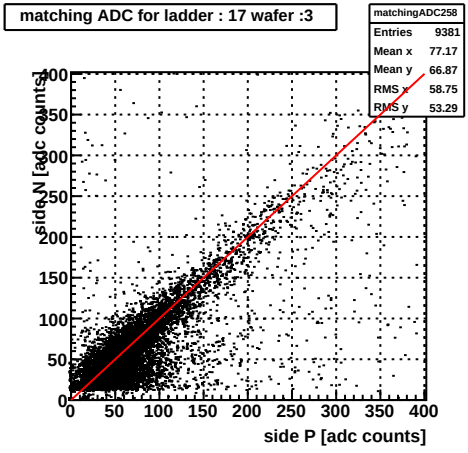

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 3949
Mean x 48.92
Mean y 66.76
RMS x 44.33
RMS y 57.56
side N [adc counts]
side P [adc counts]

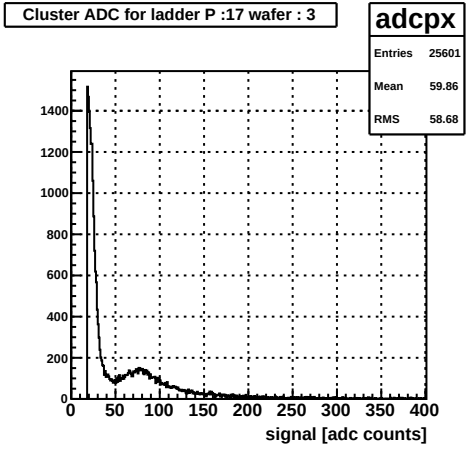

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 23376
Mean 38.44
RMS 36.02
signal [adc counts]

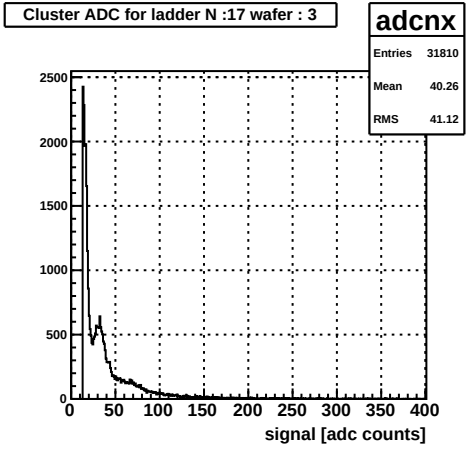

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 23816
Mean 47.5
RMS 46.48
signal [adc counts]

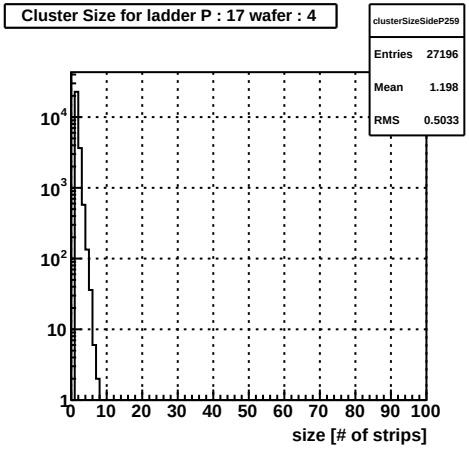

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 25601
Mean 1.244
RMS 0.5627
size [# of strips]

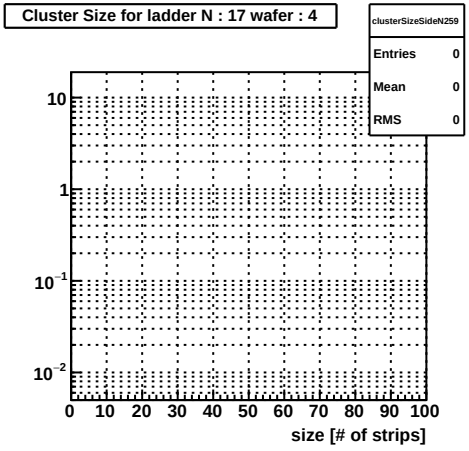

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 31810
Mean 1.282
RMS 0.665
size [# of strips]

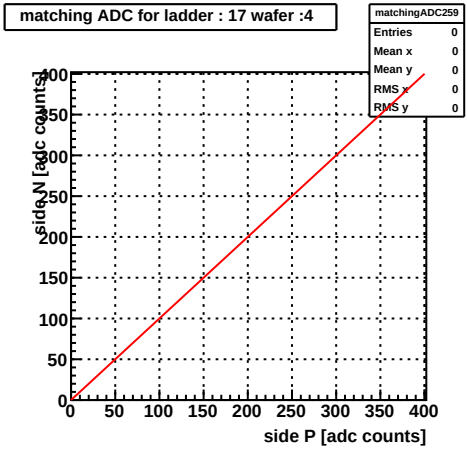

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 9381
Mean x 77.17
Mean y 66.87
RMS x 58.75
RMS y 53.29
side N [adc counts]
side P [adc counts]

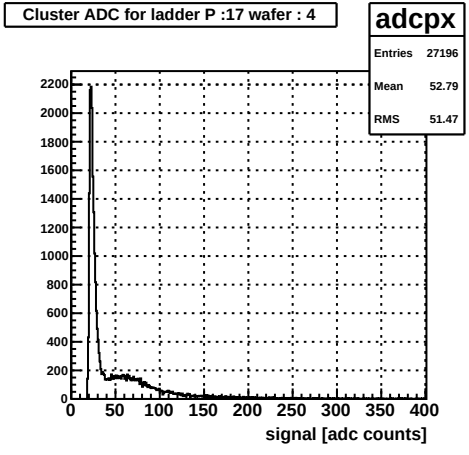

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 25601
Mean 59.86
RMS 58.68
signal [adc counts]

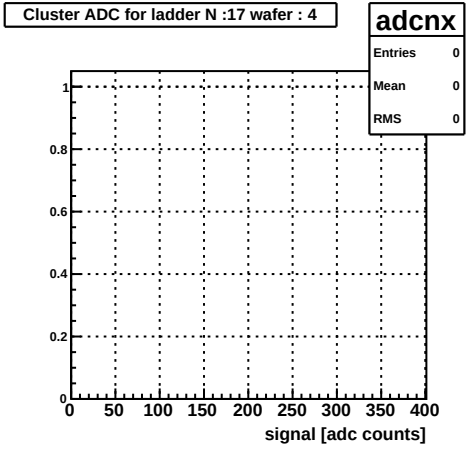

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 31810
Mean 40.26
RMS 41.12
signal [adc counts]

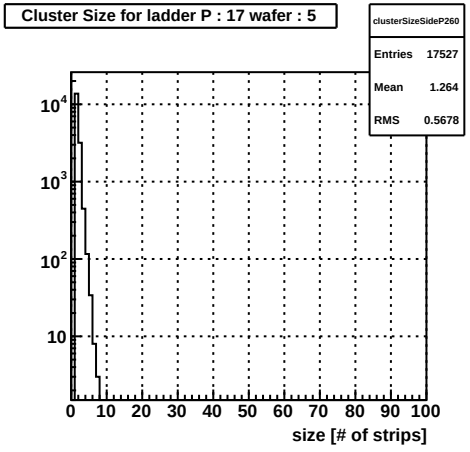

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 27196
Mean 1.198
RMS 0.5033
size [# of strips]

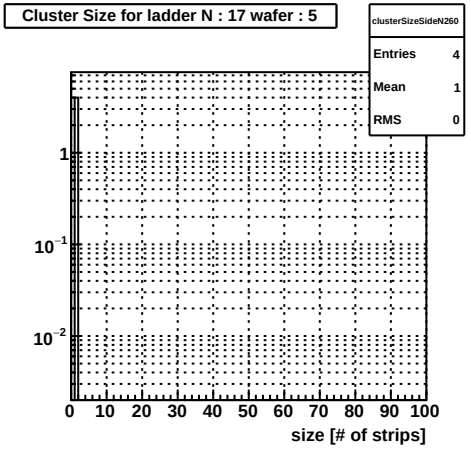

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

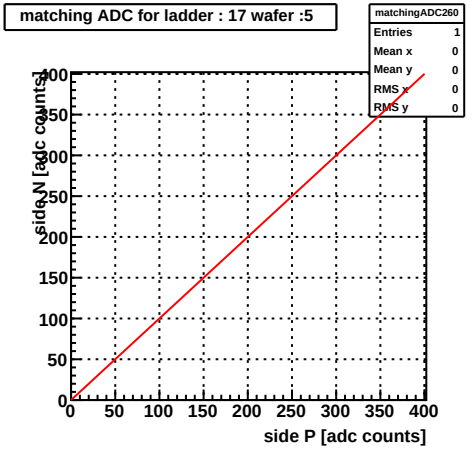

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

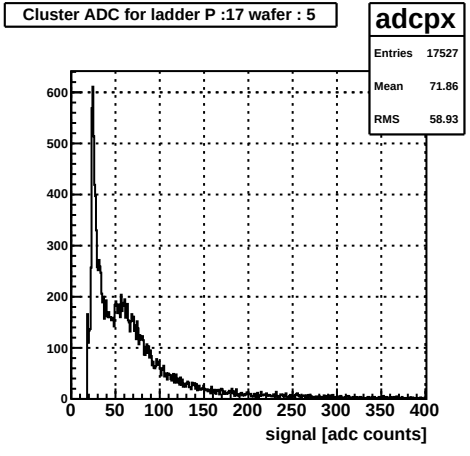

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 27196
Mean 52.79
RMS 51.47
signal [adc counts]

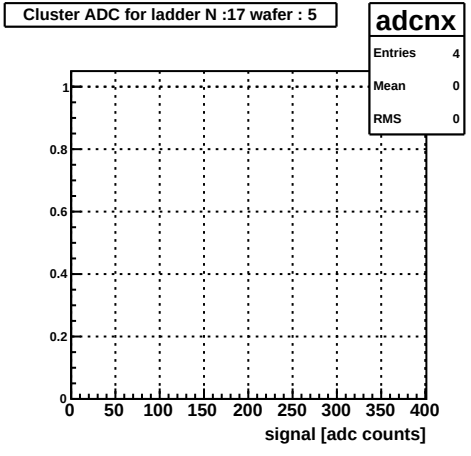

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

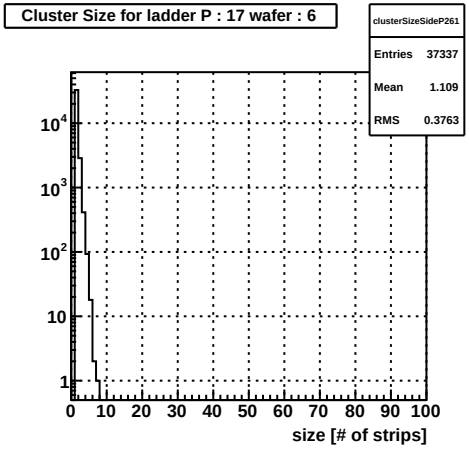

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 17527
Mean 1.264
RMS 0.5678
size [# of strips]

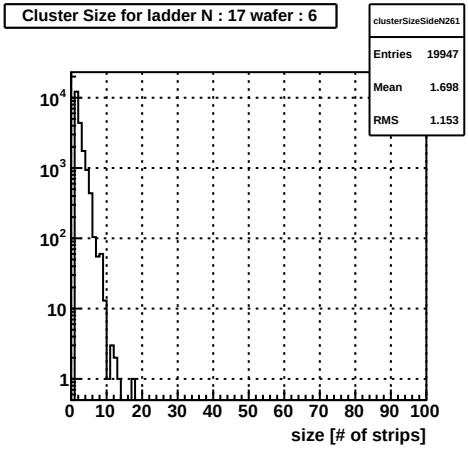

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 4
Mean 1
RMS 0
size [# of strips]

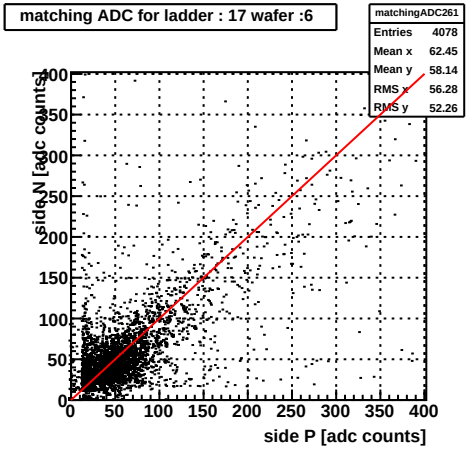

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

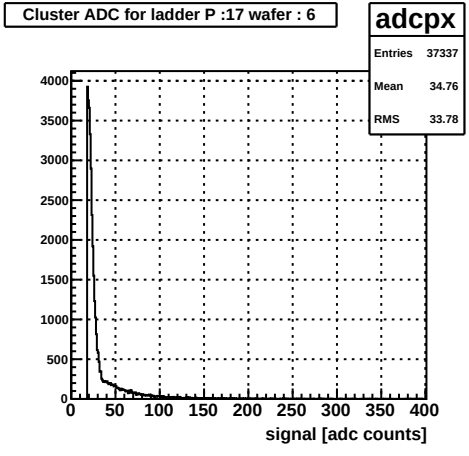

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 17527
Mean 71.86
RMS 58.93
signal [adc counts]

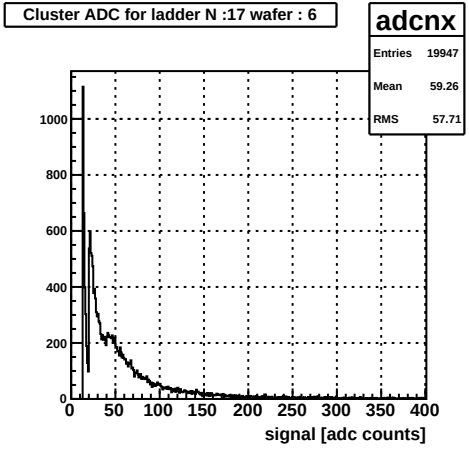

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

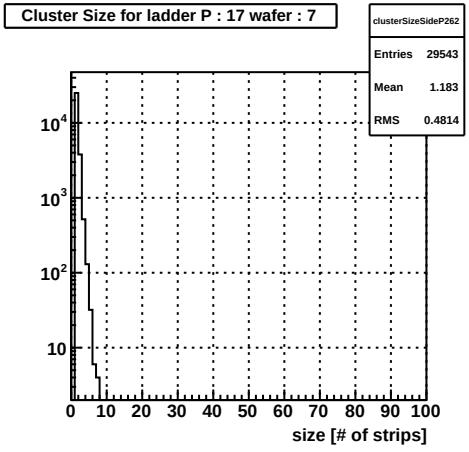

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 37337
Mean 1.109
RMS 0.3763
size [# of strips]

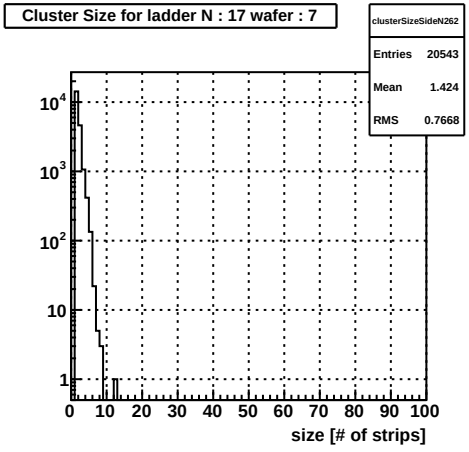

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 19947
Mean 1.698
RMS 1.153
size [# of strips]

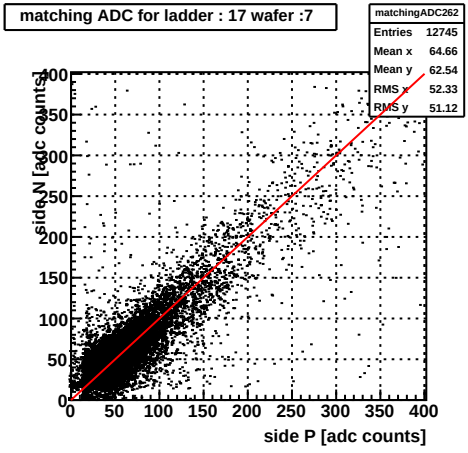

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4078
Mean x 62.45
Mean y 58.14
RMS x 56.28
RMS y 52.26
side N [adc counts]
side P [adc counts]

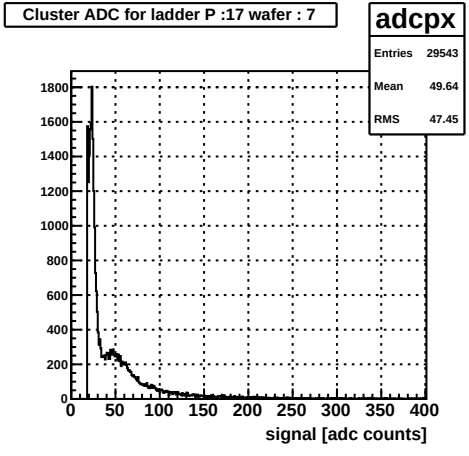

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 37337
Mean 34.76
RMS 33.78
signal [adc counts]

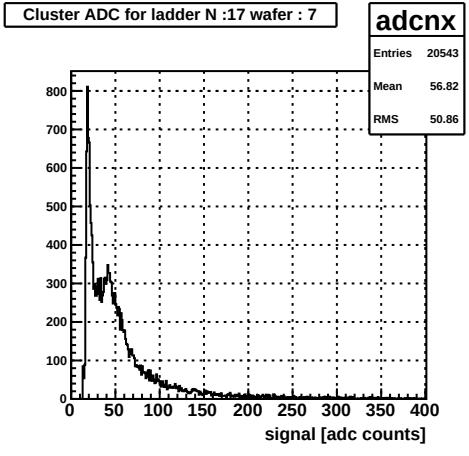

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 19947
Mean 59.26
RMS 57.71
signal [adc counts]

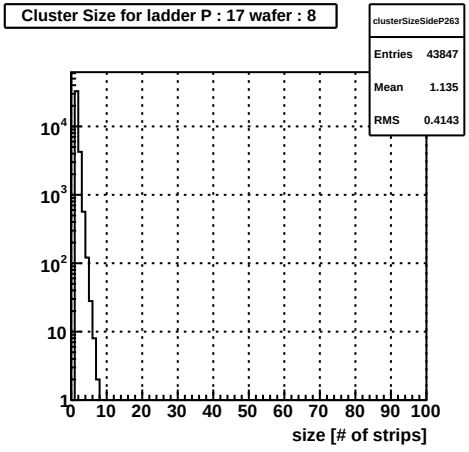

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 29543
Mean 1.183
RMS 0.4814
size [# of strips]

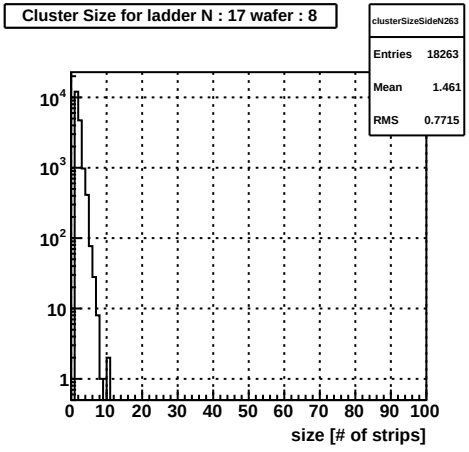

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 20543
Mean 1.424
RMS 0.7668
size [# of strips]

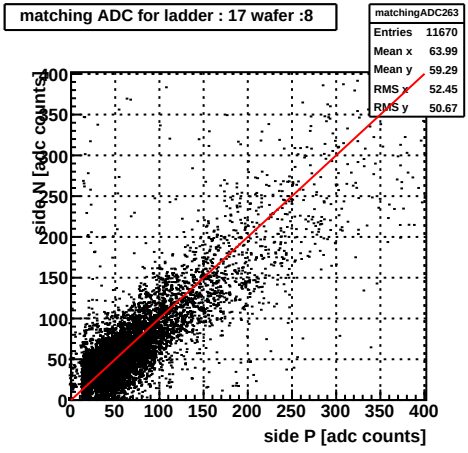

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 12745
Mean x 64.66
Mean y 62.54
RMS x 52.33
RMS y 51.12
side N [adc counts]
side P [adc counts]

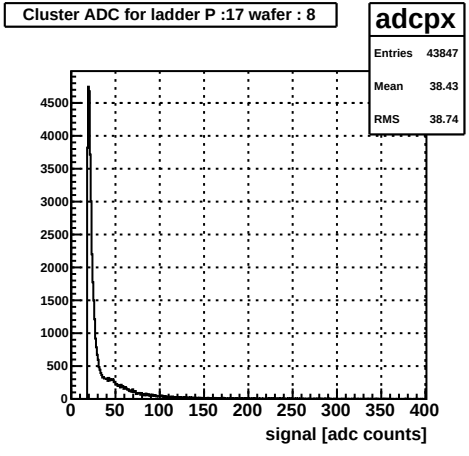

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 29543
Mean 49.64
RMS 47.45
signal [adc counts]

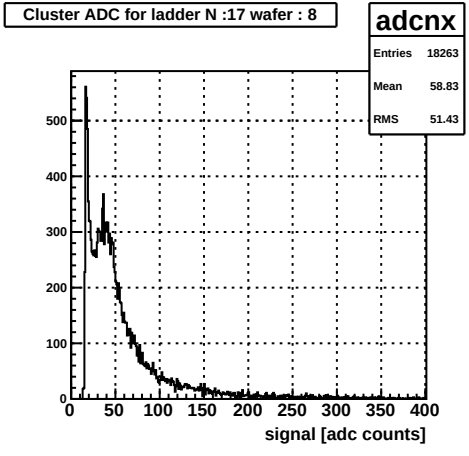

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 20543
Mean 56.82
RMS 50.86
signal [adc counts]

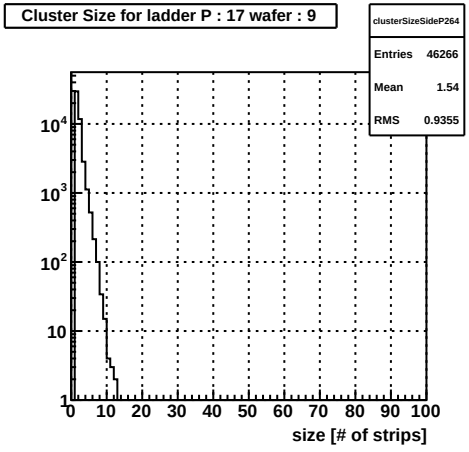

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 43847
Mean 1.135
RMS 0.4143
size [# of strips]

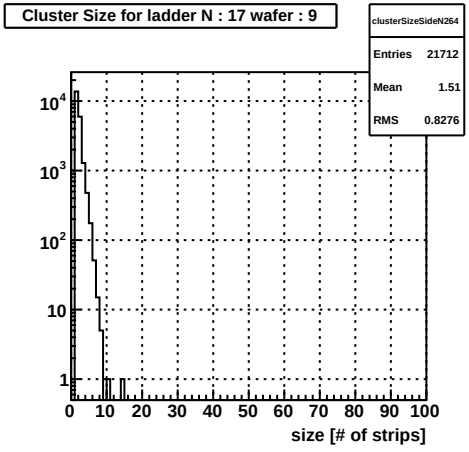

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 18263
Mean 1.461
RMS 0.7715
size [# of strips]

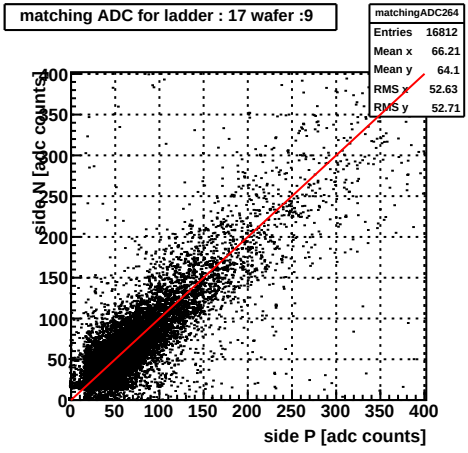

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 11670
Mean x 63.99
Mean y 59.29
RMS x 52.45
RMS y 50.67
side N [adc counts]
side P [adc counts]

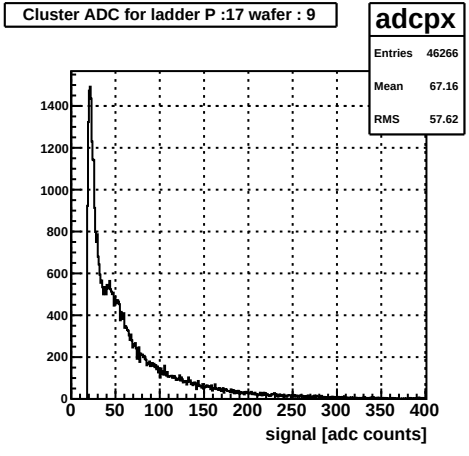

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 43847
Mean 38.43
RMS 38.74
signal [adc counts]

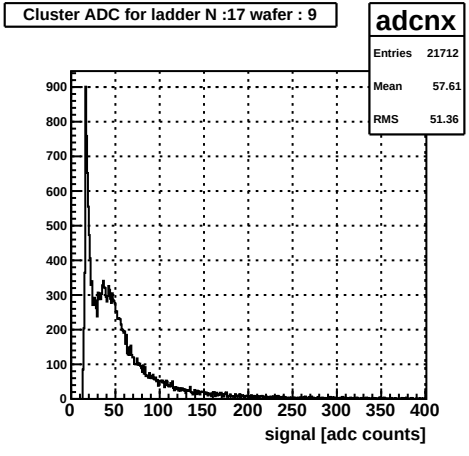

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 18263
Mean 58.83
RMS 51.43
signal [adc counts]

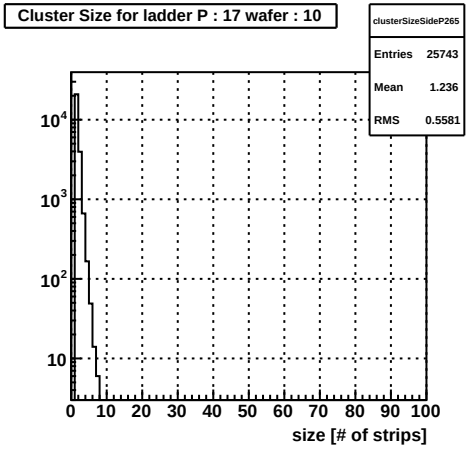

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 46266
Mean 1.54
RMS 0.9355
size [# of strips]

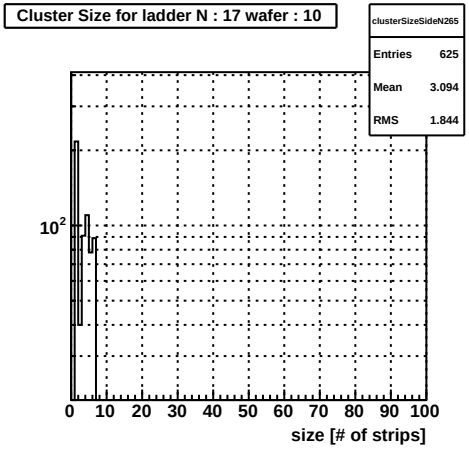

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 21712
Mean 1.51
RMS 0.8276
size [# of strips]

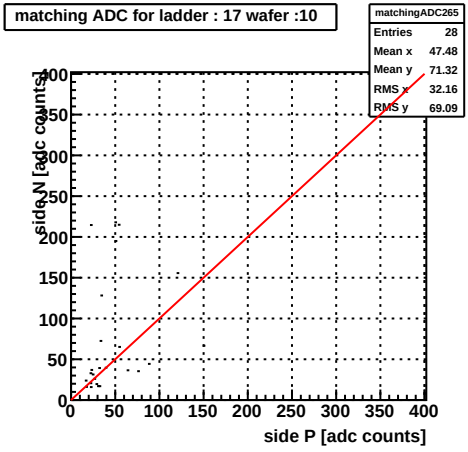

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 16812
Mean x 66.21
Mean y 64.1
RMS x 52.63
RMS y 52.71
side N [adc counts]
side P [adc counts]

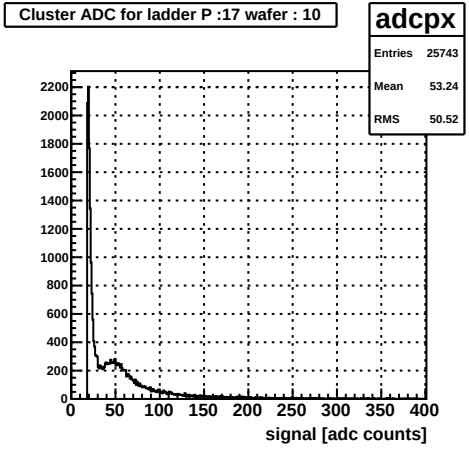

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 46266
Mean 67.16
RMS 57.62
signal [adc counts]

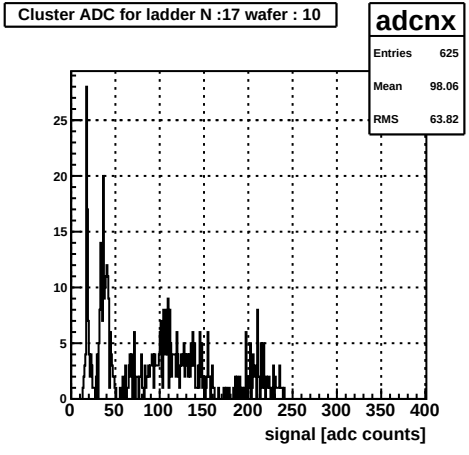

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 21712
Mean 57.61
RMS 51.36
signal [adc counts]

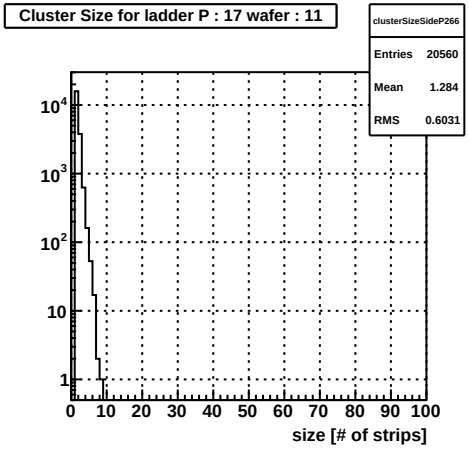

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 25743
Mean 1.236
RMS 0.5581
size [# of strips]

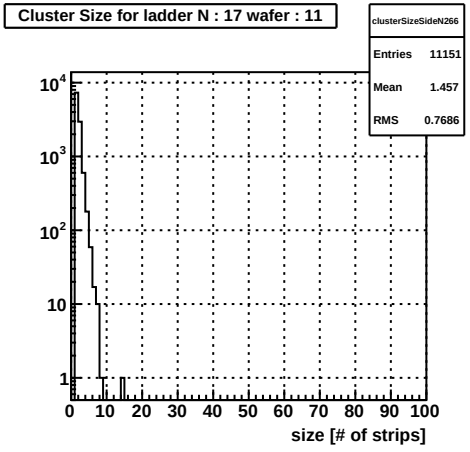

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 625
Mean 3.094
RMS 1.844
size [# of strips]

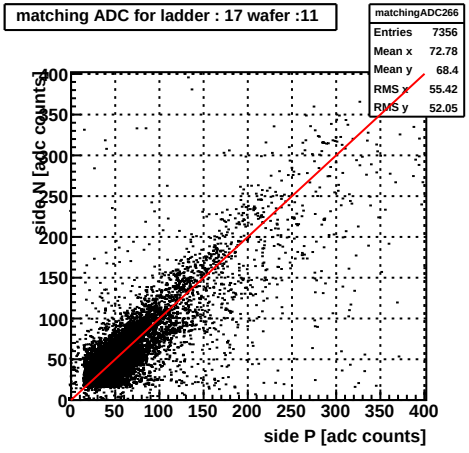

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 28
Mean x 47.48
Mean y 71.32
RMS x 32.16
RMS y 69.09
side N [adc counts]
side P [adc counts]

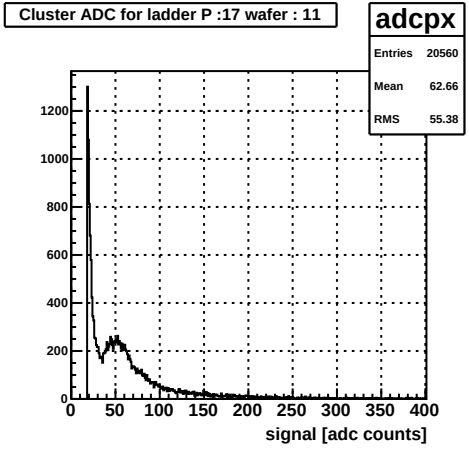

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 25743
Mean 53.24
RMS 50.52
signal [adc counts]

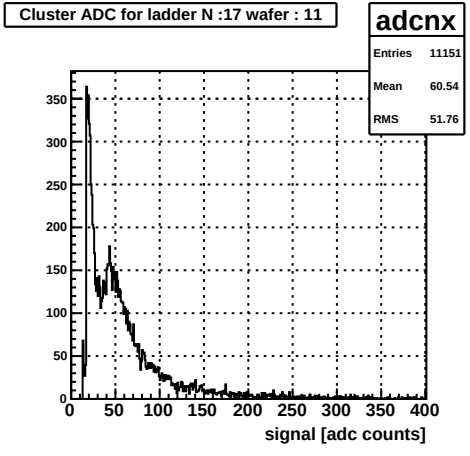

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 625
Mean 98.06
RMS 63.82
signal [adc counts]

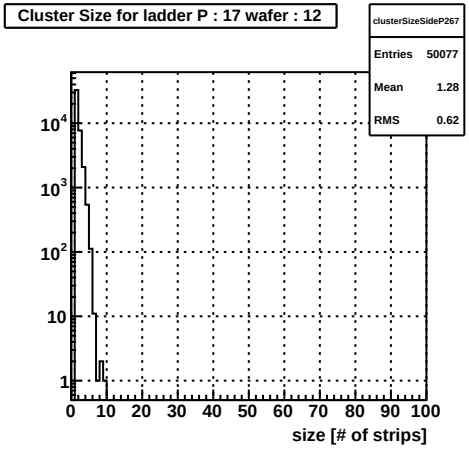

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 20560
Mean 1.284
RMS 0.6031
size [# of strips]

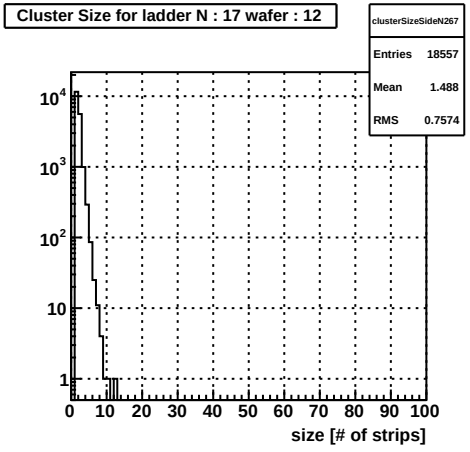

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 11151
Mean 1.457
RMS 0.7686
size [# of strips]

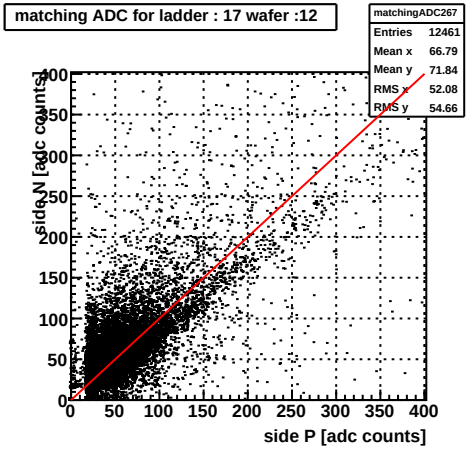

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 7356
Mean x 72.78
Mean y 68.4
RMS x 55.42
RMS y 52.05
side N [adc counts]
side P [adc counts]

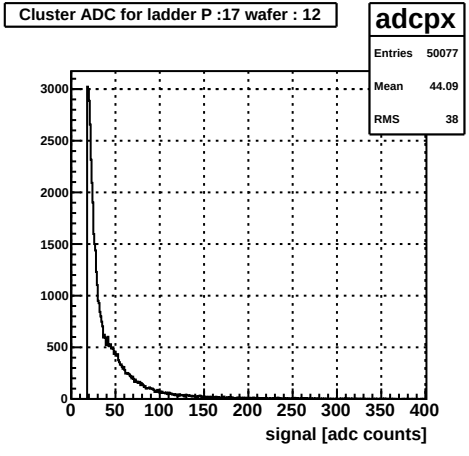

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 20560
Mean 62.66
RMS 55.38
signal [adc counts]

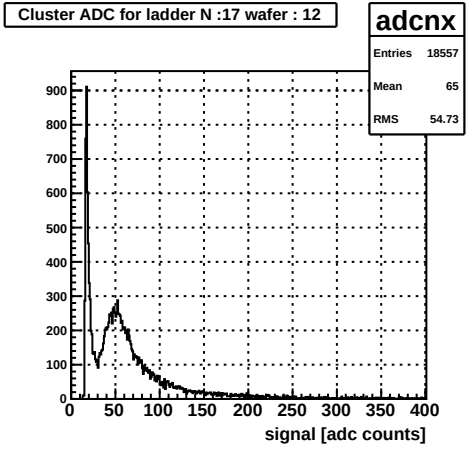

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 11151
Mean 60.54
RMS 51.76
signal [adc counts]

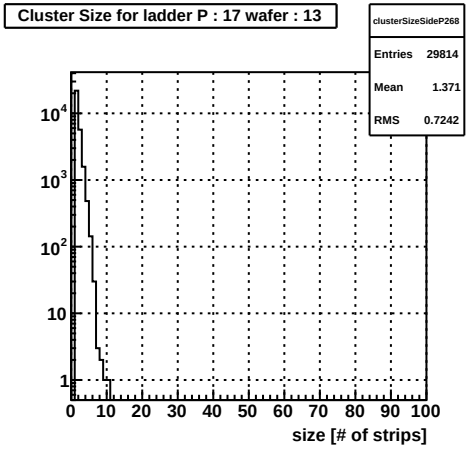

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 50077
Mean 1.28
RMS 0.62
size [# of strips]

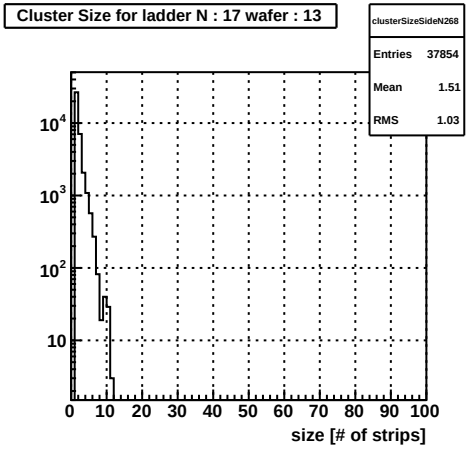

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 18557
Mean 1.488
RMS 0.7574
size [# of strips]

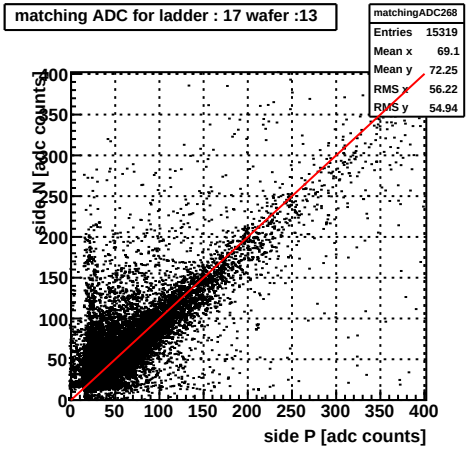

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 12461
Mean x 66.79
Mean y 71.84
RMS x 52.08
RMS y 54.66
side N [adc counts]
side P [adc counts]

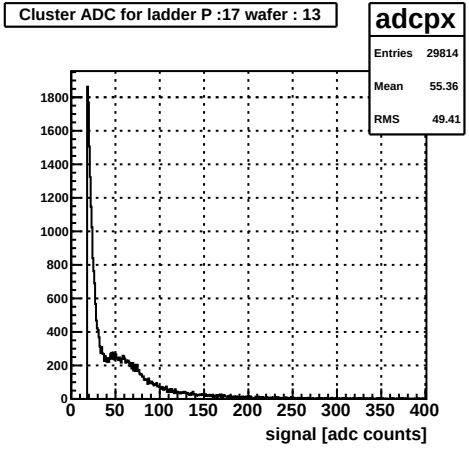

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 50077
Mean 44.09
RMS 38
signal [adc counts]

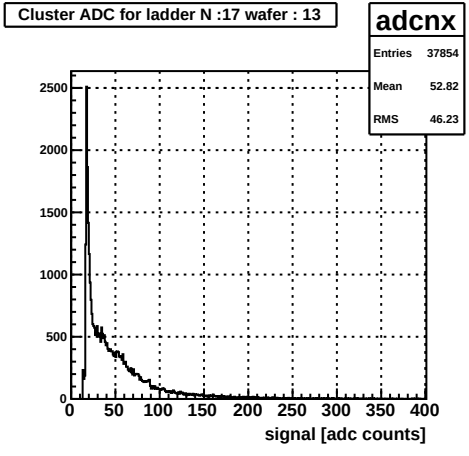

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 18557
Mean 65
RMS 54.73
signal [adc counts]

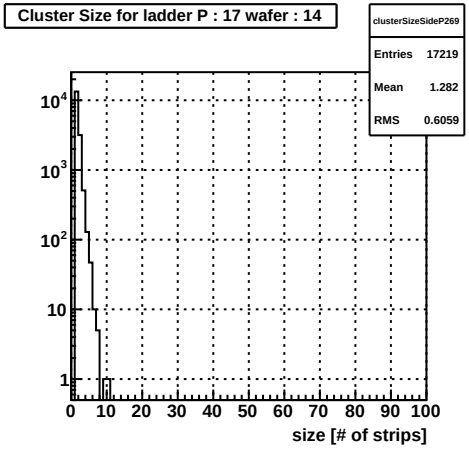

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 29814
Mean 1.371
RMS 0.7242
size [# of strips]

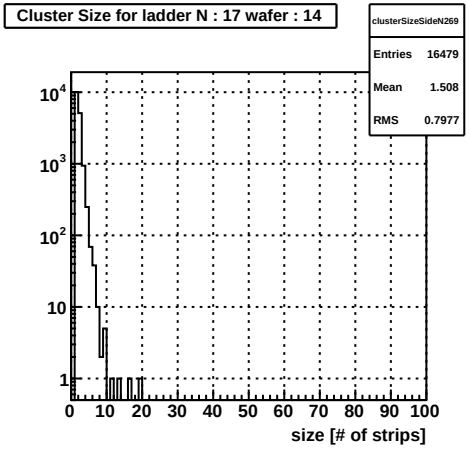

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 37854
Mean 1.51
RMS 1.03
size [# of strips]

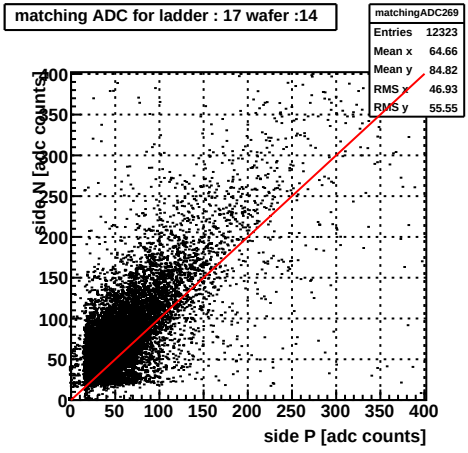

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 15319
Mean x 69.1
Mean y 72.25
RMS x 56.22
RMS y 54.94
side N [adc counts]
side P [adc counts]

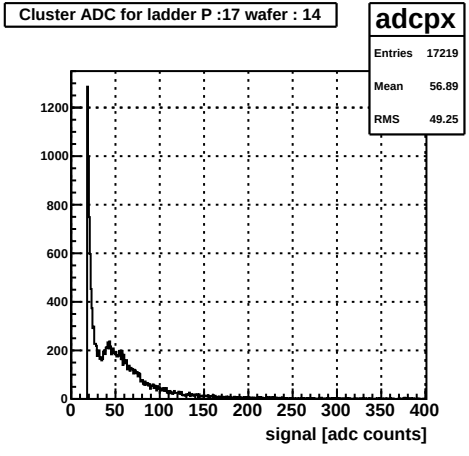

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 29814
Mean 55.36
RMS 49.41
signal [adc counts]

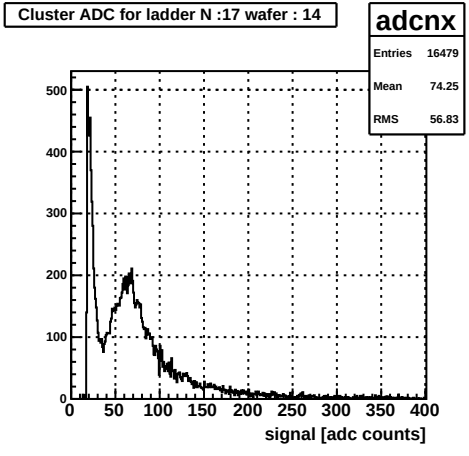

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 37854
Mean 52.82
RMS 46.23
signal [adc counts]

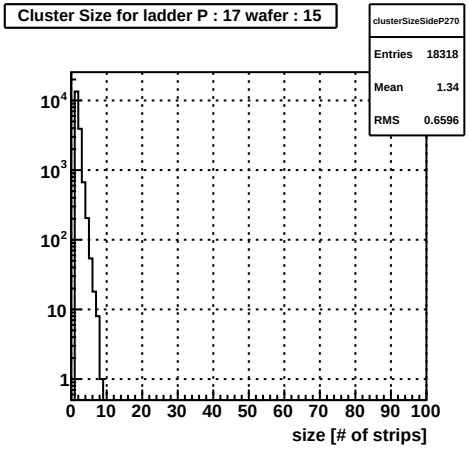

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 17219
Mean 1.282
RMS 0.6059
size [# of strips]

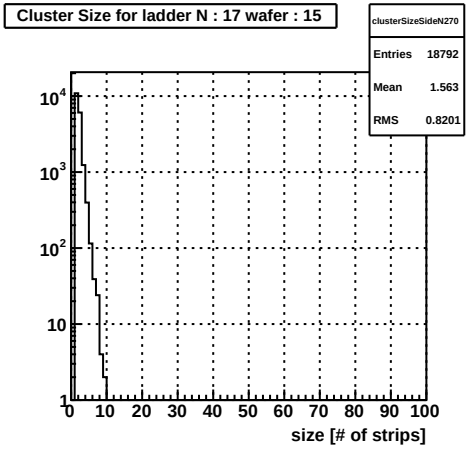

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 16479
Mean 1.508
RMS 0.7977
size [# of strips]

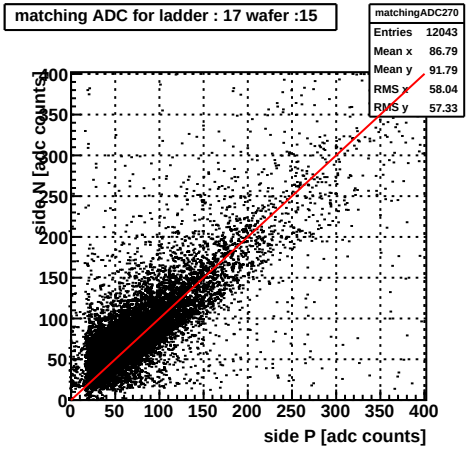

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 12323
Mean x 64.66
Mean y 84.82
RMS x 46.93
RMS y 55.55
side N [adc counts]
side P [adc counts]

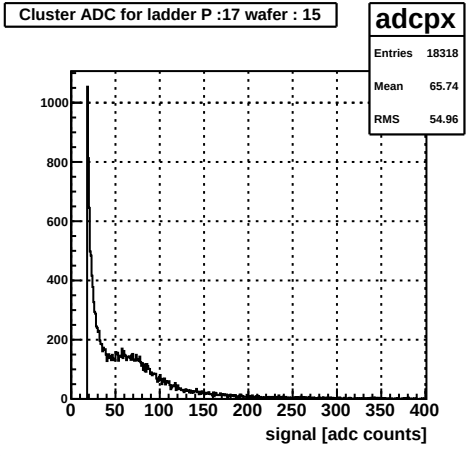

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 17219
Mean 56.89
RMS 49.25
signal [adc counts]

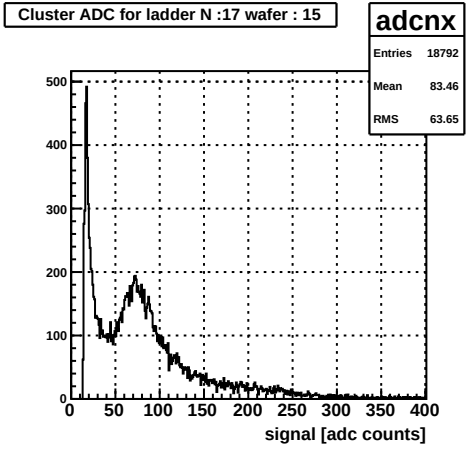

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 16479
Mean 74.25
RMS 56.83
signal [adc counts]

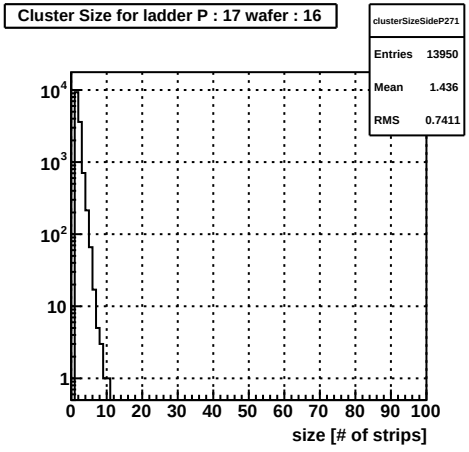

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 18318
Mean 1.34
RMS 0.6596
size [# of strips]

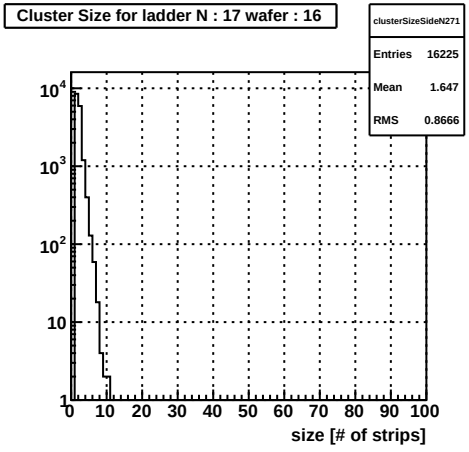

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 18792
Mean 1.563
RMS 0.8201
size [# of strips]

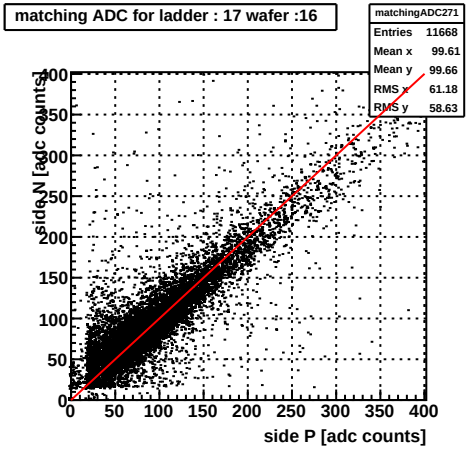

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 12043
Mean x 86.79
Mean y 91.79
RMS x 58.04
RMS y 57.33
side N [adc counts]
side P [adc counts]

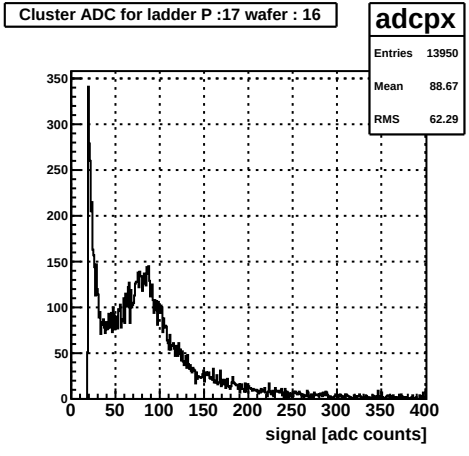

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 18318
Mean 65.74
RMS 54.96
signal [adc counts]

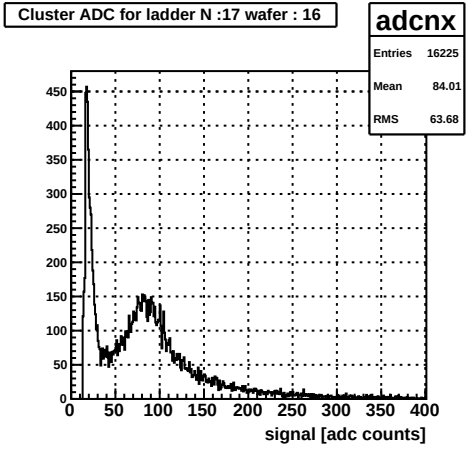

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 18792
Mean 83.46
RMS 63.65
signal [adc counts]

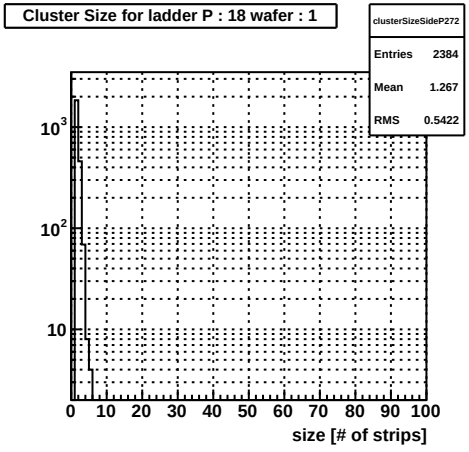

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 13950
Mean 1.436
RMS 0.7411
size [# of strips]

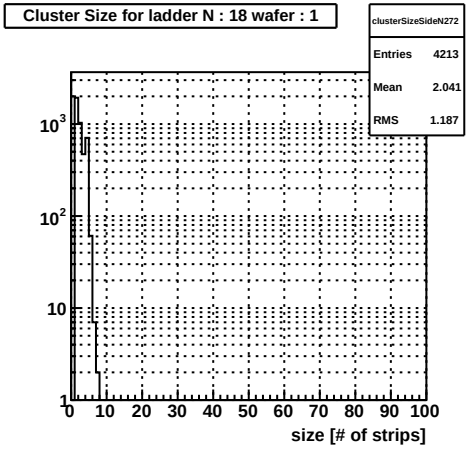

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 16225
Mean 1.647
RMS 0.8666
size [# of strips]

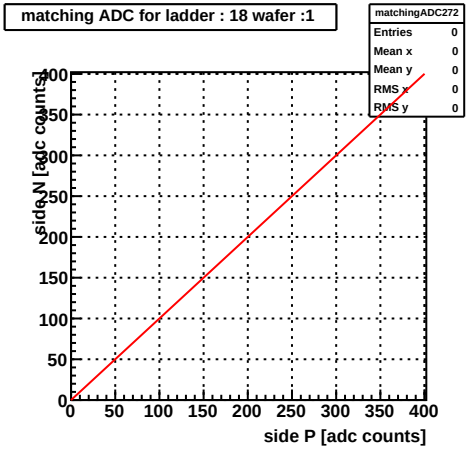

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 11668
Mean x 99.61
Mean y 99.66
RMS x 61.18
RMS y 58.63
side N [adc counts]
side P [adc counts]

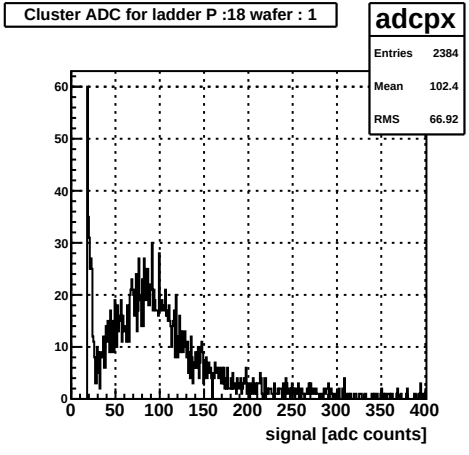

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 13950
Mean 88.67
RMS 62.29
signal [adc counts]

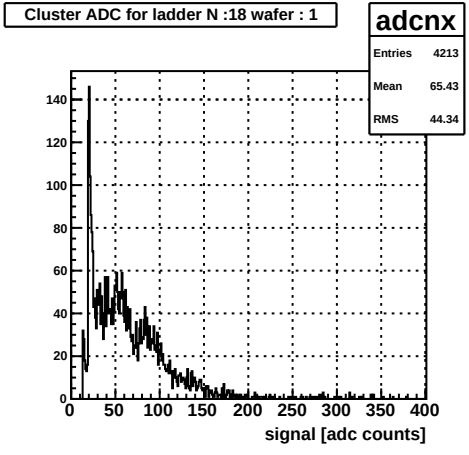

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 16225
Mean 84.01
RMS 63.68
signal [adc counts]

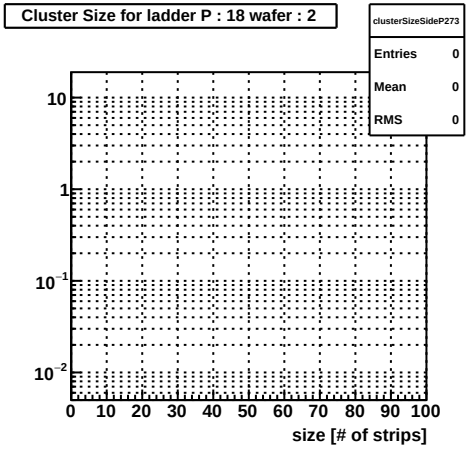

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2384
Mean 1.267
RMS 0.5422
size [# of strips]

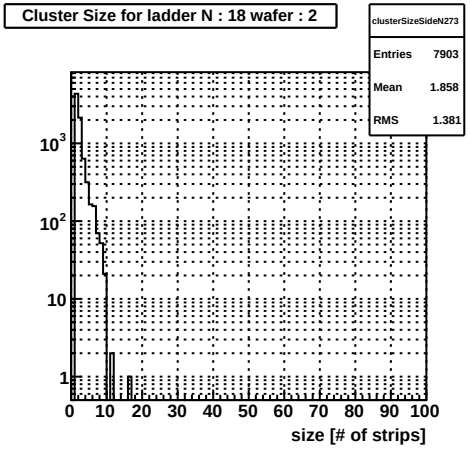

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 4213
Mean 2.041
RMS 1.187
size [# of strips]

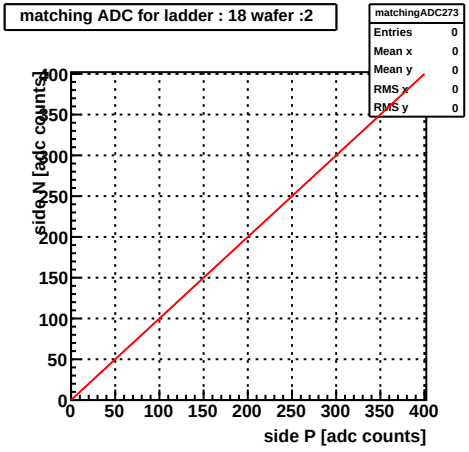

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

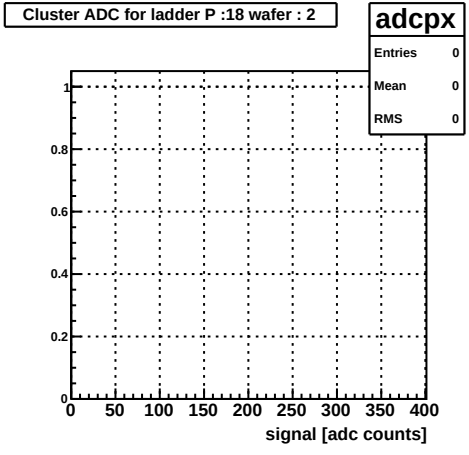

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2384
Mean 102.4
RMS 66.92
signal [adc counts]

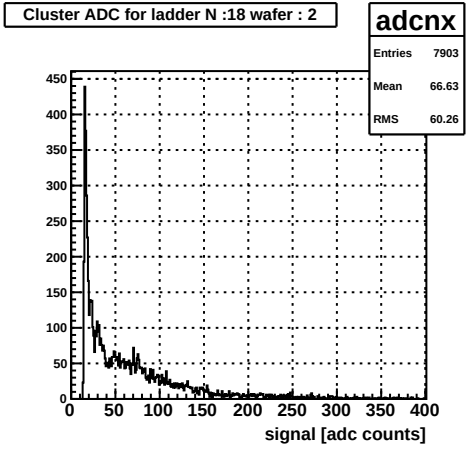

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 4213
Mean 65.43
RMS 44.34
signal [adc counts]

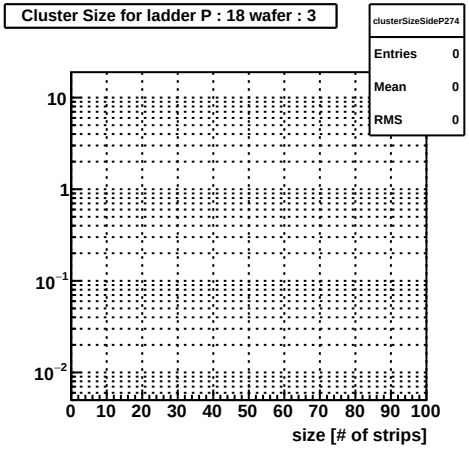

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

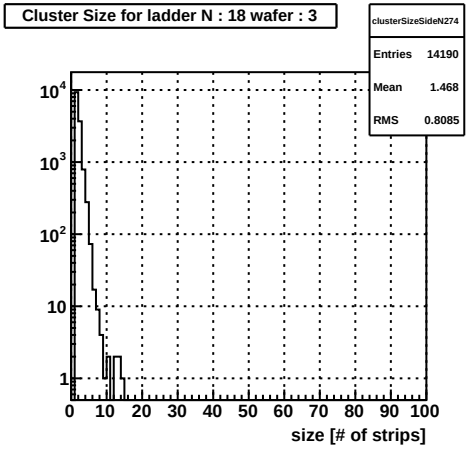

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 7903
Mean 1.858
RMS 1.381
size [# of strips]

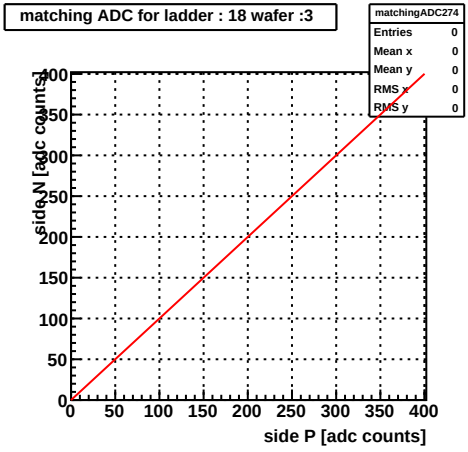

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

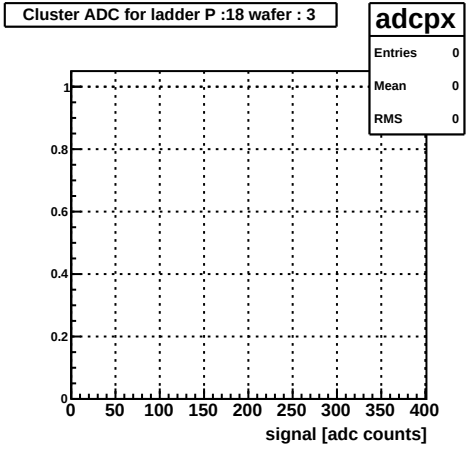

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

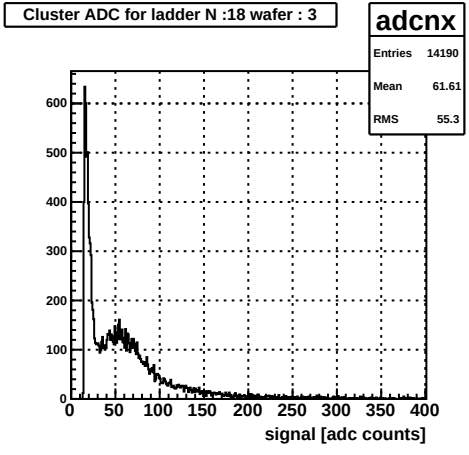

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 7903
Mean 66.63
RMS 60.26
signal [adc counts]

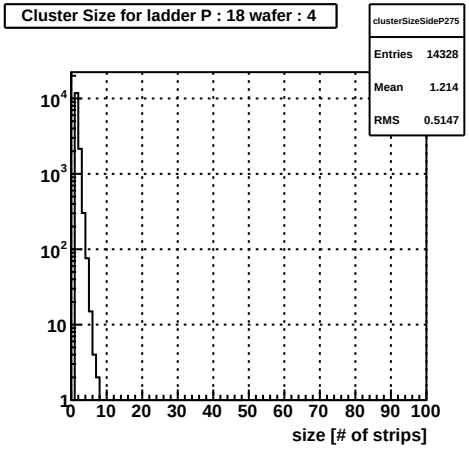

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

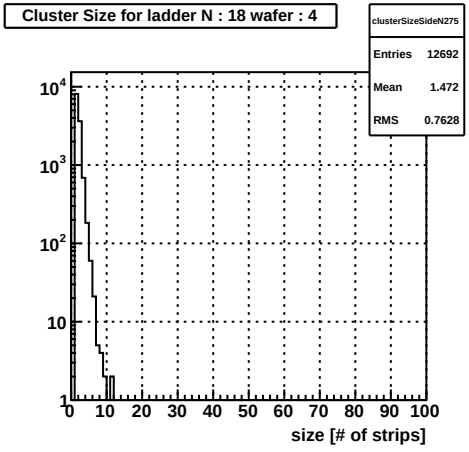

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 14190
Mean 1.468
RMS 0.8085
size [# of strips]

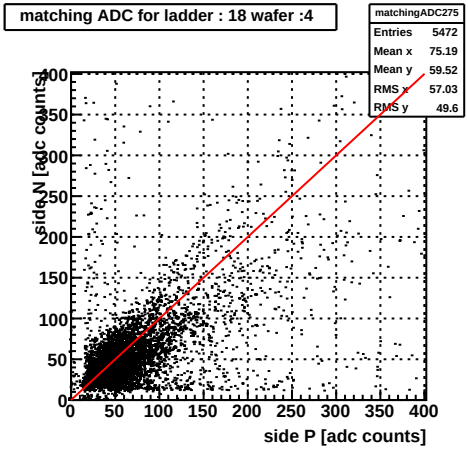

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

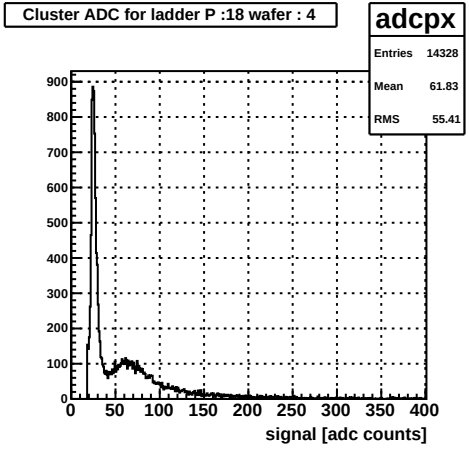

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

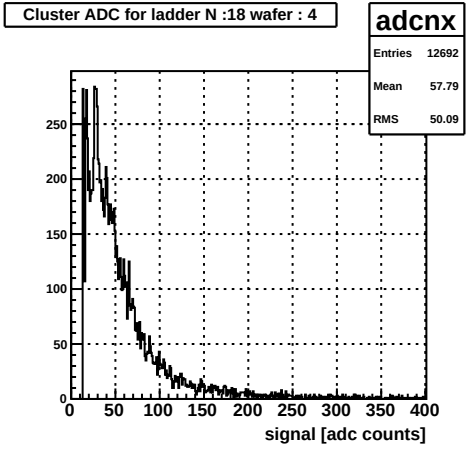

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 14190
Mean 61.61
RMS 55.3
signal [adc counts]

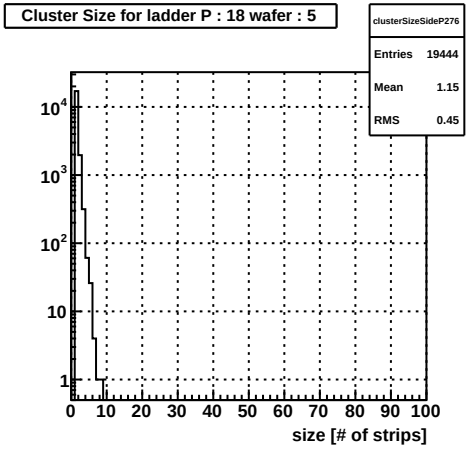

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 14328
Mean 1.214
RMS 0.5147
size [# of strips]

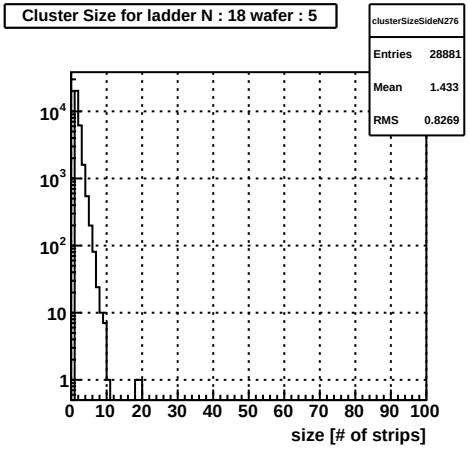

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 12692
Mean 1.472
RMS 0.7628
size [# of strips]

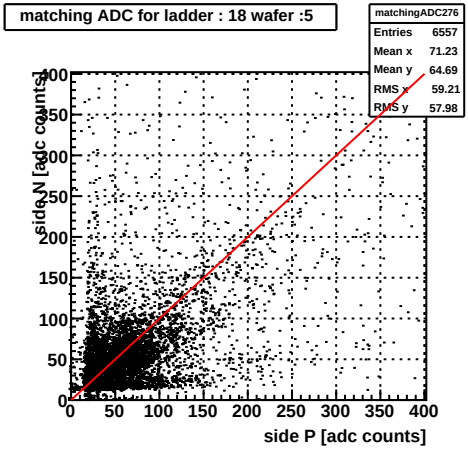

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 5472
Mean x 75.19
Mean y 59.52
RMS x 57.03
RMS y 49.6
side N [adc counts]
side P [adc counts]

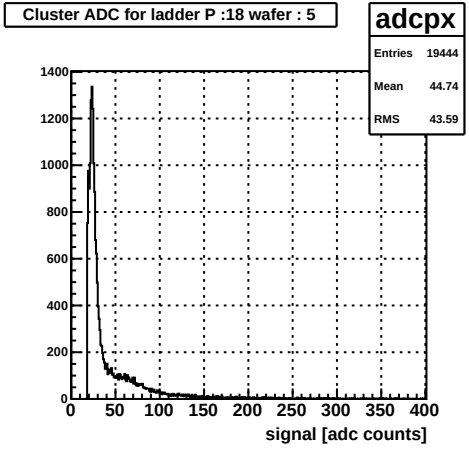

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 14328
Mean 61.83
RMS 55.41
signal [adc counts]

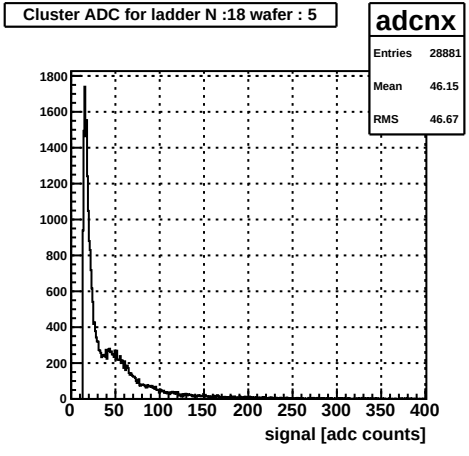

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 12692
Mean 57.79
RMS 50.09
signal [adc counts]

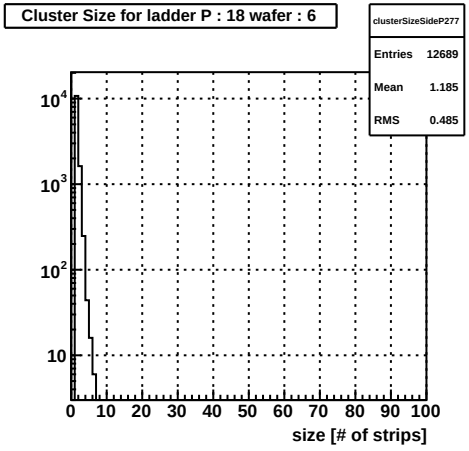

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 19444
Mean 1.15
RMS 0.45
size [# of strips]

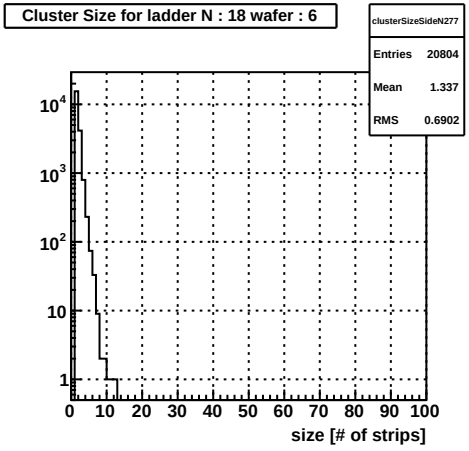

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 28881
Mean 1.433
RMS 0.8269
size [# of strips]

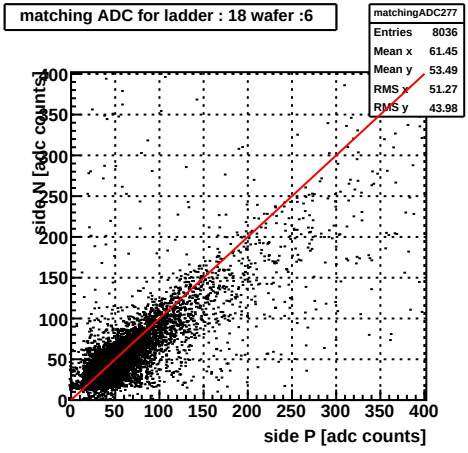

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6557
Mean x 71.23
Mean y 64.69
RMS x 59.21
RMS y 57.98
side N [adc counts]
side P [adc counts]

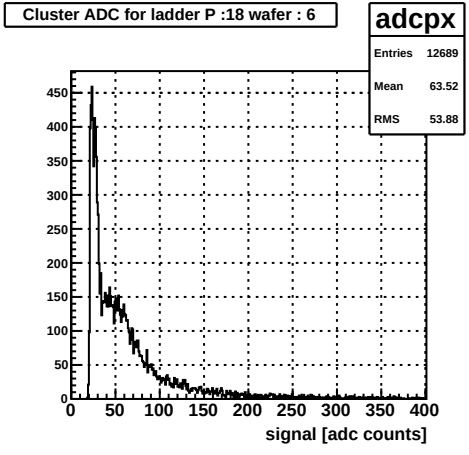

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 19444
Mean 44.74
RMS 43.59
signal [adc counts]

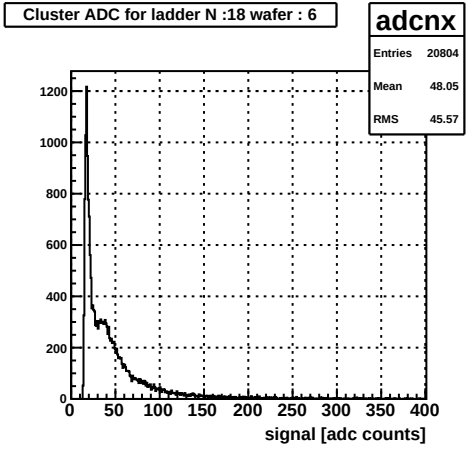

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 28881
Mean 46.15
RMS 46.67
signal [adc counts]

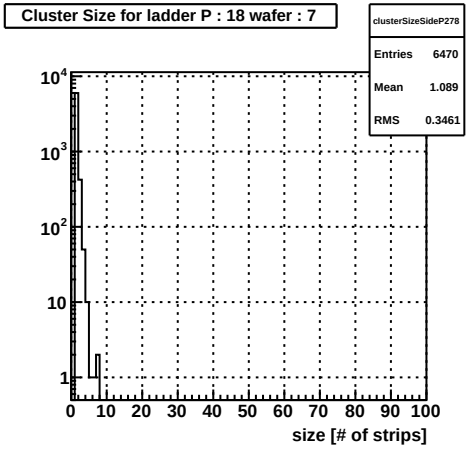

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 12689
Mean 1.185
RMS 0.485
size [# of strips]

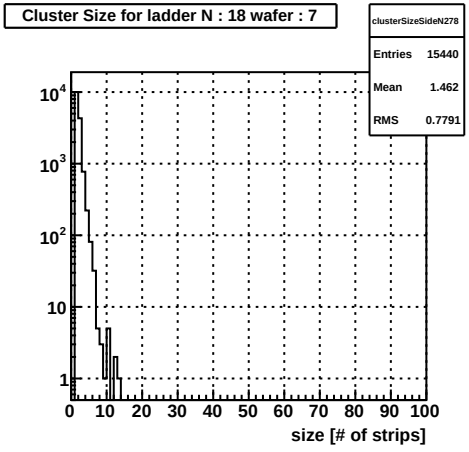

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 20804
Mean 1.337
RMS 0.6902
size [# of strips]

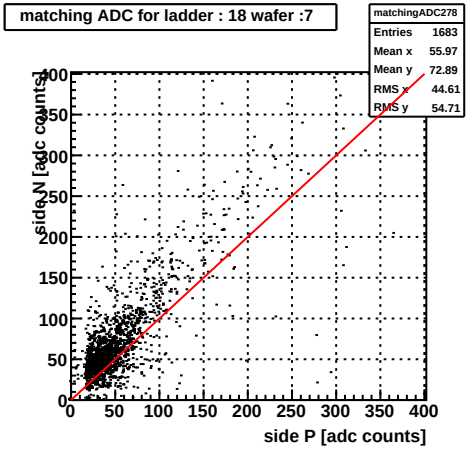

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 8036
Mean x 61.45
Mean y 53.49
RMS x 51.27
RMS y 43.98
side N [adc counts]
side P [adc counts]

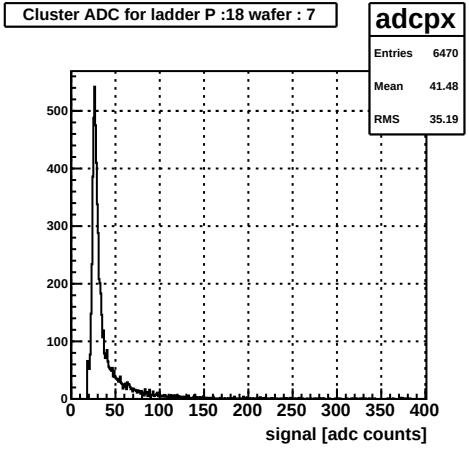

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 12689
Mean 63.52
RMS 53.88
signal [adc counts]

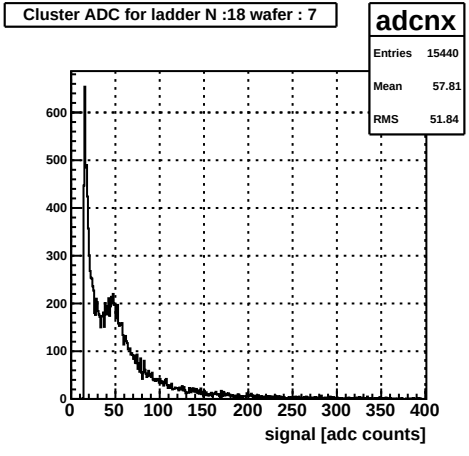

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 20804
Mean 48.05
RMS 45.57
signal [adc counts]

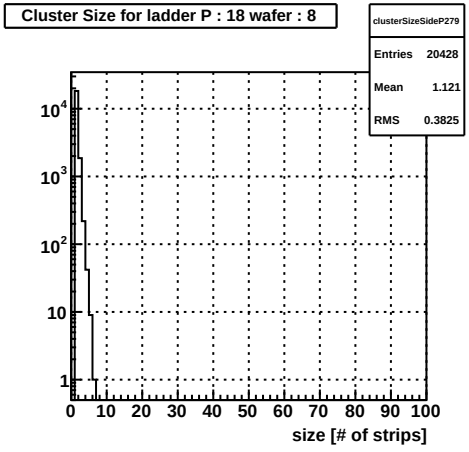

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6470
Mean 1.089
RMS 0.3461
size [# of strips]

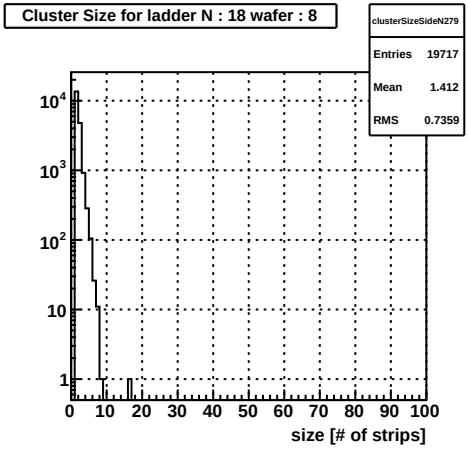

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 15440
Mean 1.462
RMS 0.7791
size [# of strips]

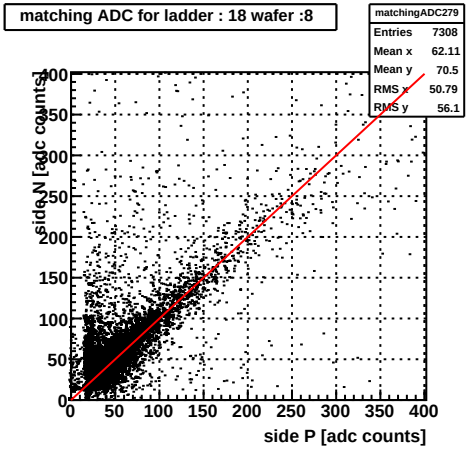

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1683
Mean x 55.97
Mean y 72.89
RMS x 44.61
RMS y 54.71
side N [adc counts]
side P [adc counts]

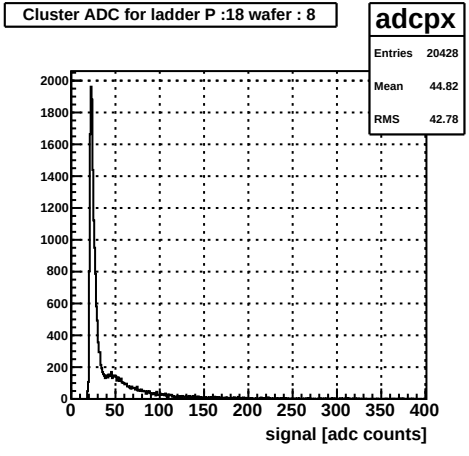

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6470
Mean 41.48
RMS 35.19
signal [adc counts]

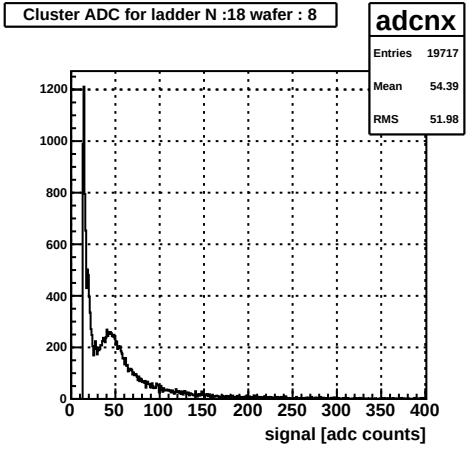

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 15440
Mean 57.81
RMS 51.84
signal [adc counts]

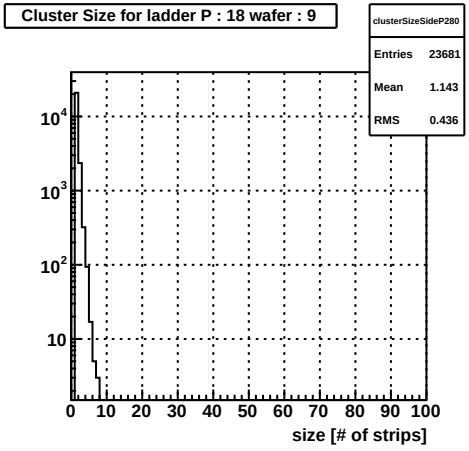

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 20428
Mean 1.121
RMS 0.3825
size [# of strips]

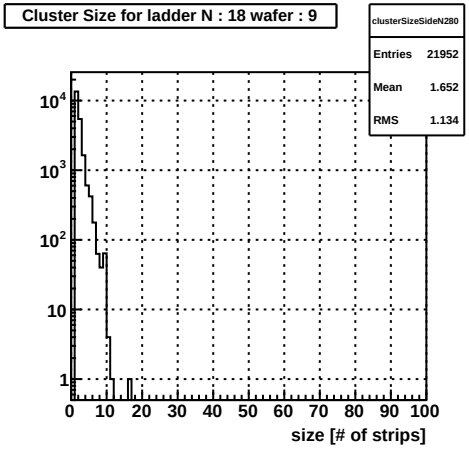

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 19717
Mean 1.412
RMS 0.7359
size [# of strips]

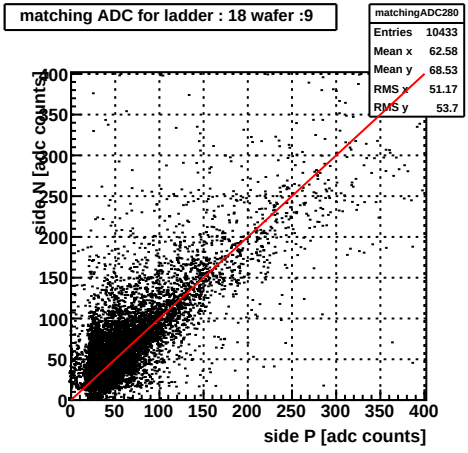

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 7308
Mean x 62.11
Mean y 70.5
RMS x 50.79
RMS y 56.1
side N [adc counts]
side P [adc counts]

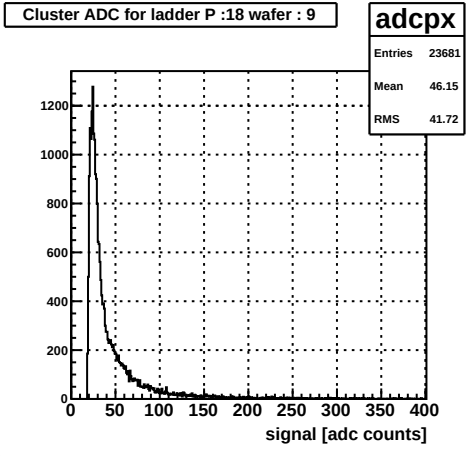

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 20428
Mean 44.82
RMS 42.78
signal [adc counts]

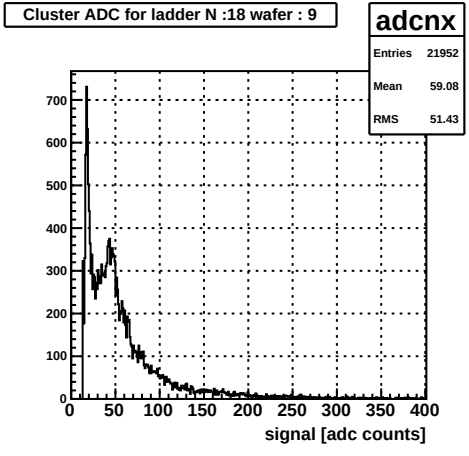

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 19717
Mean 54.39
RMS 51.98
signal [adc counts]

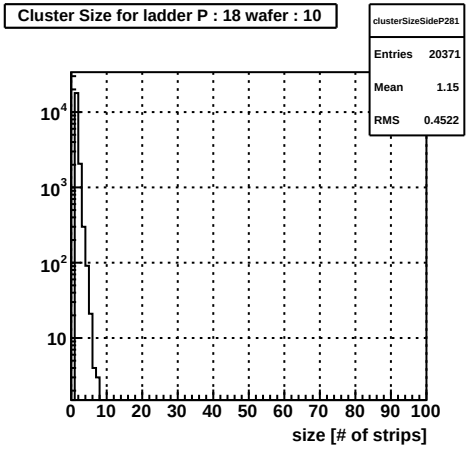

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 23681
Mean 1.143
RMS 0.436
size [# of strips]

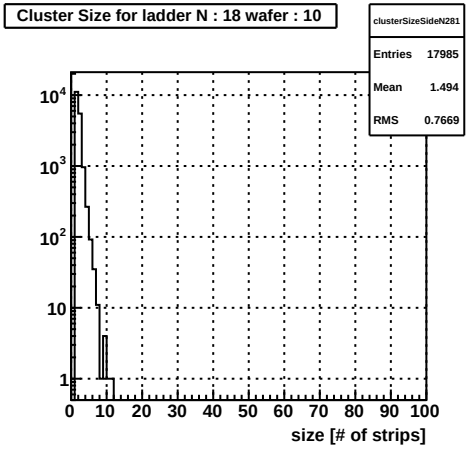

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 21952
Mean 1.652
RMS 1.134
size [# of strips]

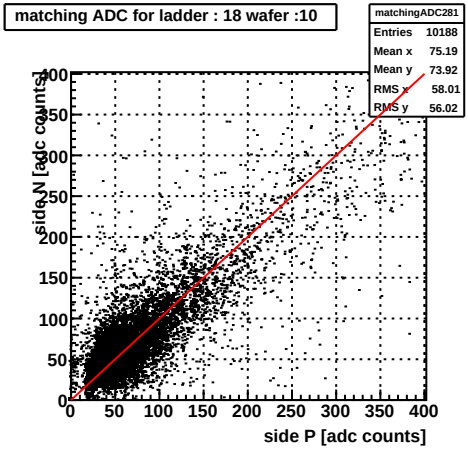

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 10433
Mean x 62.58
Mean y 68.53
RMS x 51.17
RMS y 53.7
side N [adc counts]
side P [adc counts]

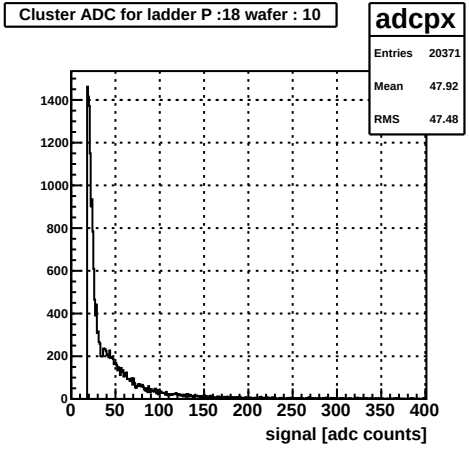

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 23681
Mean 46.15
RMS 41.72
signal [adc counts]

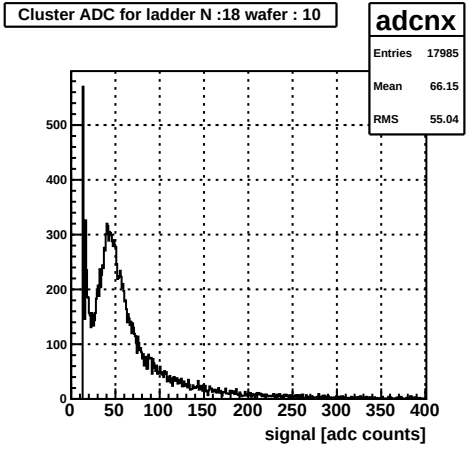

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 21952
Mean 59.08
RMS 51.43
signal [adc counts]

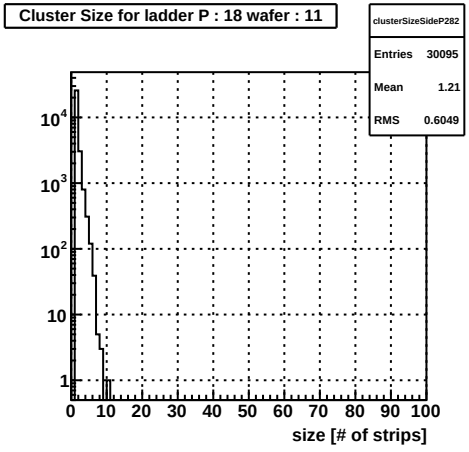

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 20371
Mean 1.15
RMS 0.4522
size [# of strips]

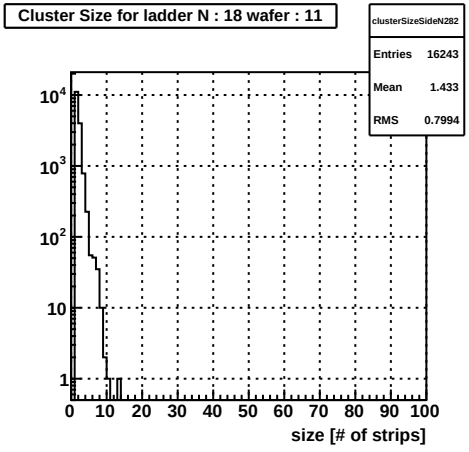

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 17985
Mean 1.494
RMS 0.7669
size [# of strips]

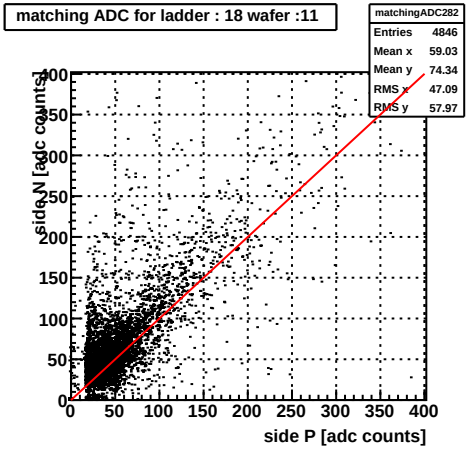

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 10188
Mean x 75.19
Mean y 73.92
RMS x 58.01
RMS y 56.02
side N [adc counts]
side P [adc counts]

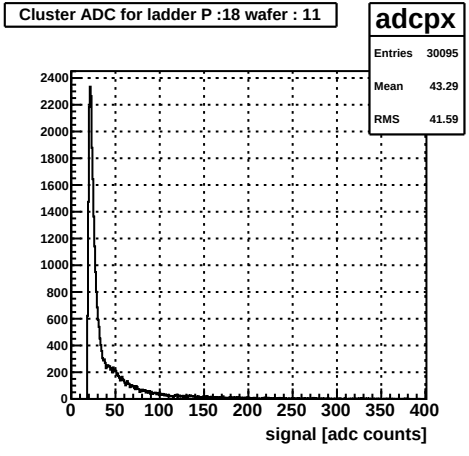

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 20371
Mean 47.92
RMS 47.48
signal [adc counts]

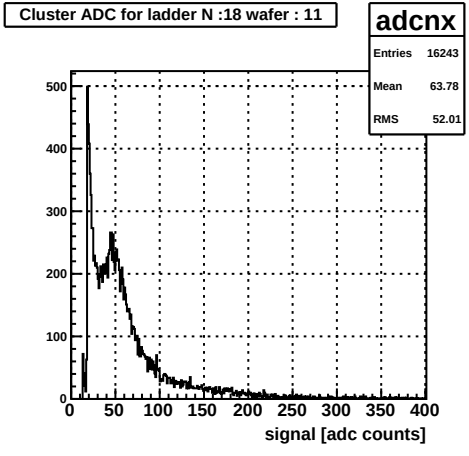

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 17985
Mean 66.15
RMS 55.04
signal [adc counts]

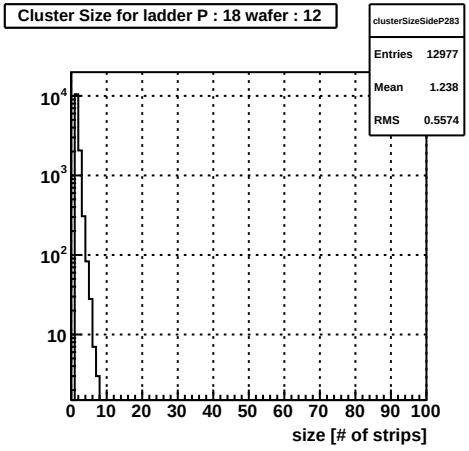

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 30095
Mean 1.21
RMS 0.6049
size [# of strips]

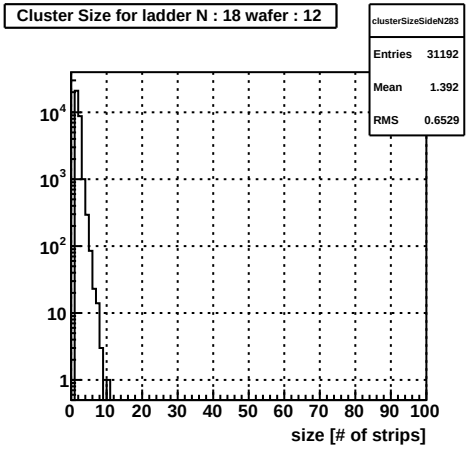

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 16243
Mean 1.433
RMS 0.7994
size [# of strips]

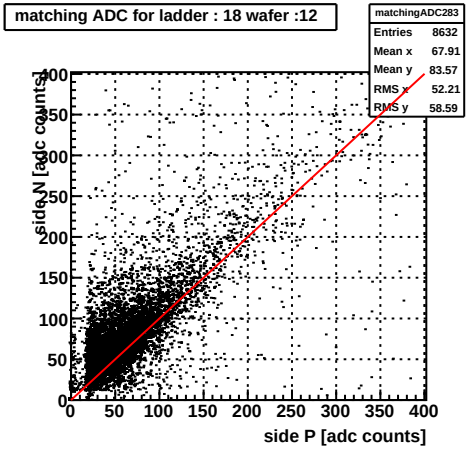

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 4846
Mean x 59.03
Mean y 74.34
RMS x 47.09
RMS y 57.97
side N [adc counts]
side P [adc counts]

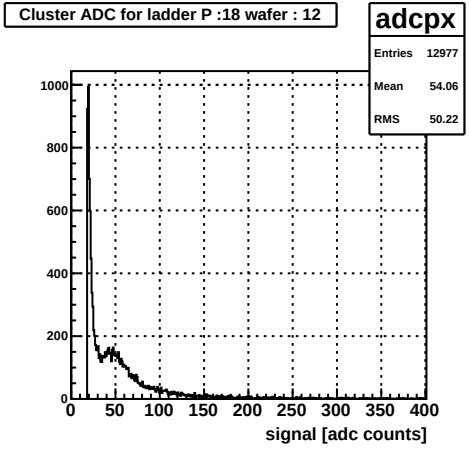

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 30095
Mean 43.29
RMS 41.59
signal [adc counts]

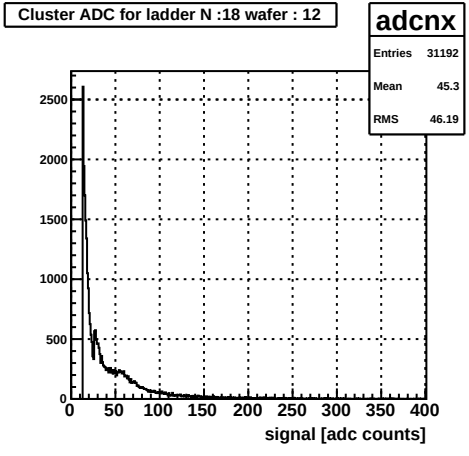

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 16243
Mean 63.78
RMS 52.01
signal [adc counts]

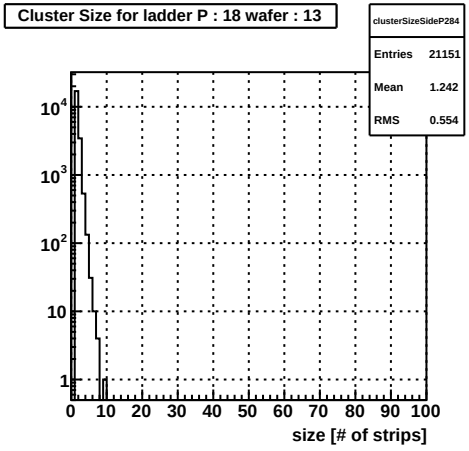

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 12977
Mean 1.238
RMS 0.5574
size [# of strips]

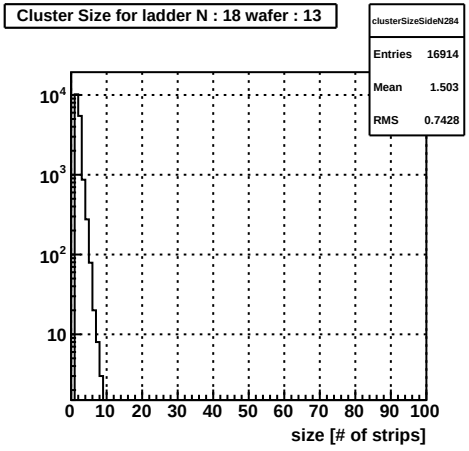

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 31192
Mean 1.392
RMS 0.6529
size [# of strips]

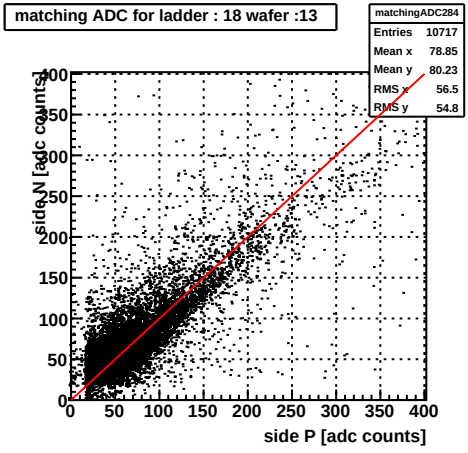

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 8632
Mean x 67.91
Mean y 83.57
RMS x 52.21
RMS y 58.59
side N [adc counts]
side P [adc counts]

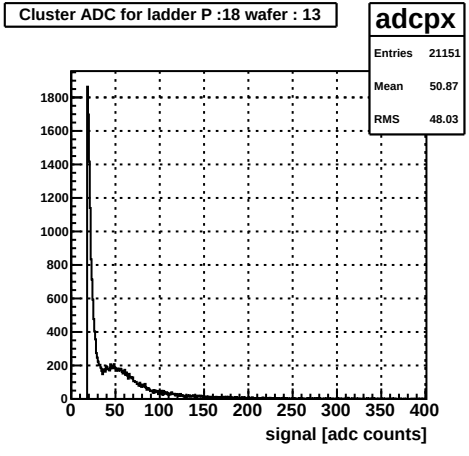

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 12977
Mean 54.06
RMS 50.22
signal [adc counts]

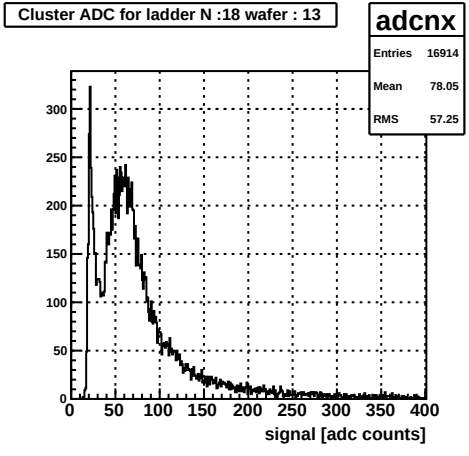

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 31192
Mean 45.3
RMS 46.19
signal [adc counts]

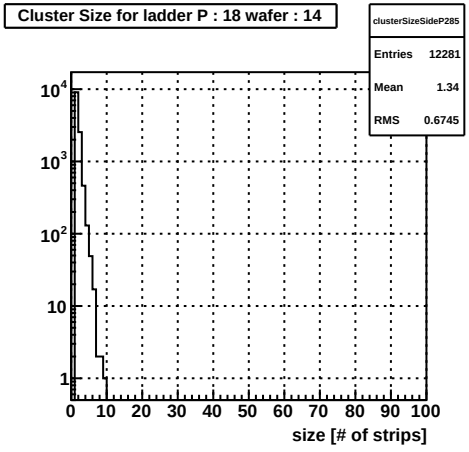

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 21151
Mean 1.242
RMS 0.554
size [# of strips]

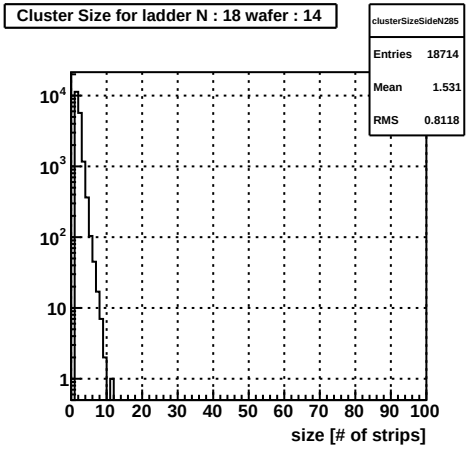

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 16914
Mean 1.503
RMS 0.7428
size [# of strips]

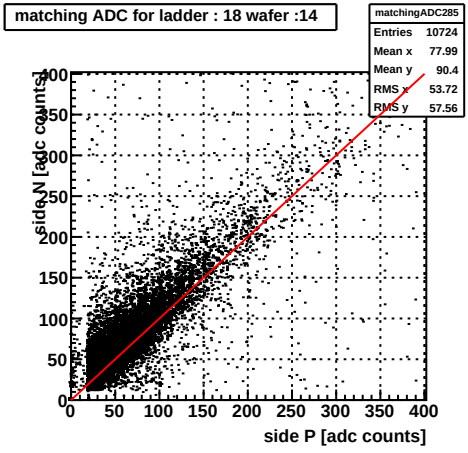

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 10717
Mean x 78.85
Mean y 80.23
RMS x 56.5
RMS y 54.8
side N [adc counts]
side P [adc counts]

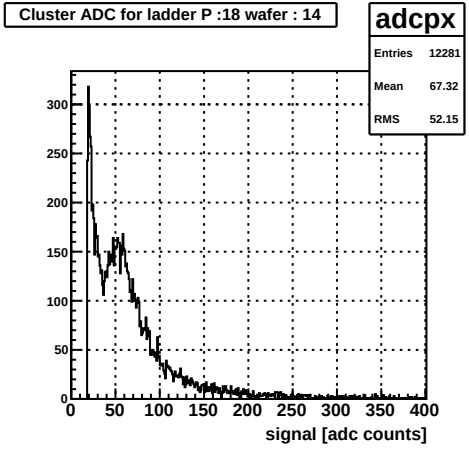

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 21151
Mean 50.87
RMS 48.03
signal [adc counts]

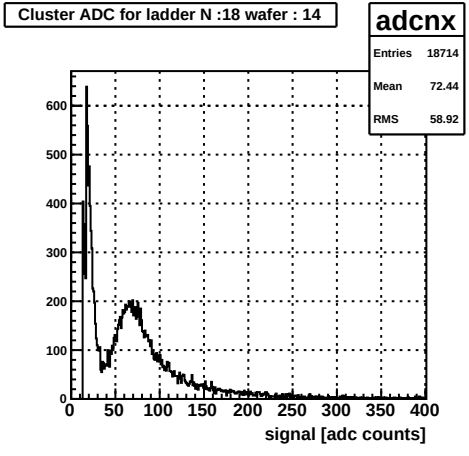

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 16914
Mean 78.05
RMS 57.25
signal [adc counts]

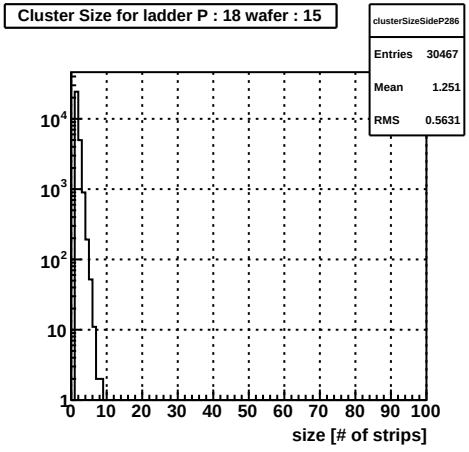

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 12281
Mean 1.34
RMS 0.6745
size [# of strips]

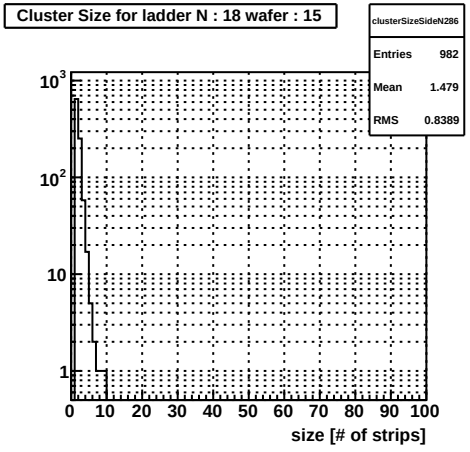

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 18714
Mean 1.531
RMS 0.8118
size [# of strips]

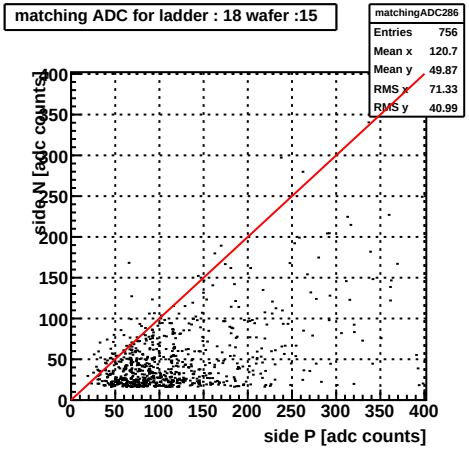

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 10724
Mean x 77.99
Mean y 90.4
RMS x 53.72
RMS y 57.56
side N [adc counts]
side P [adc counts]

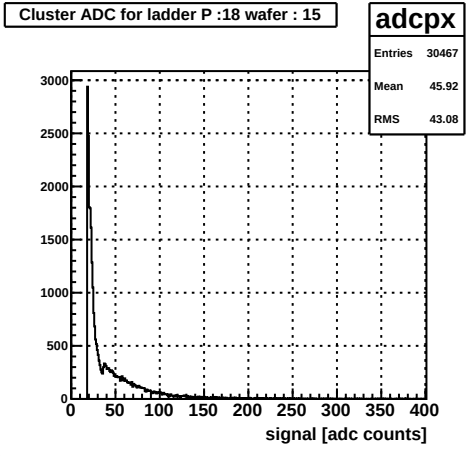

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 12281
Mean 67.32
RMS 52.15
signal [adc counts]

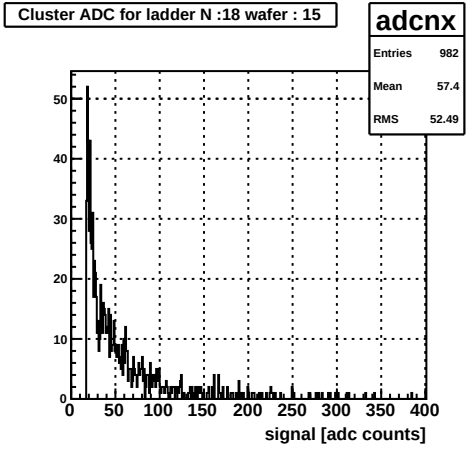

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 18714
Mean 72.44
RMS 58.92
signal [adc counts]

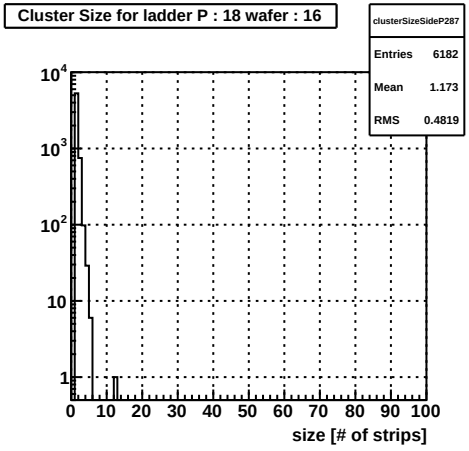

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 30467
Mean 1.251
RMS 0.5631
size [# of strips]

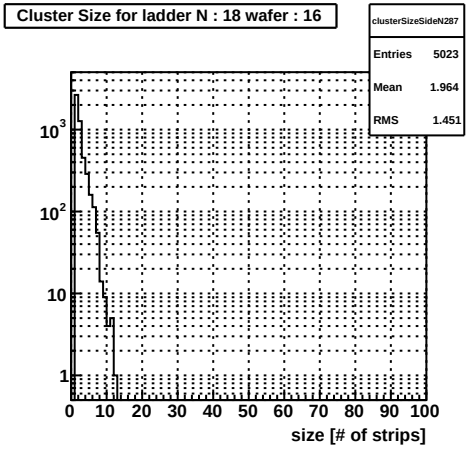

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 982
Mean 1.479
RMS 0.8389
size [# of strips]

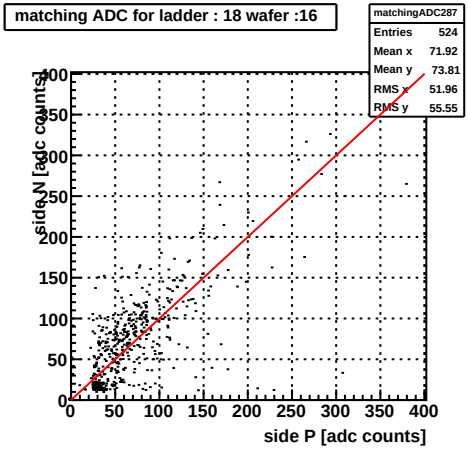

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 756
Mean x 120.7
Mean y 49.87
RMS x 71.33
RMS y 40.99
side N [adc counts]
side P [adc counts]

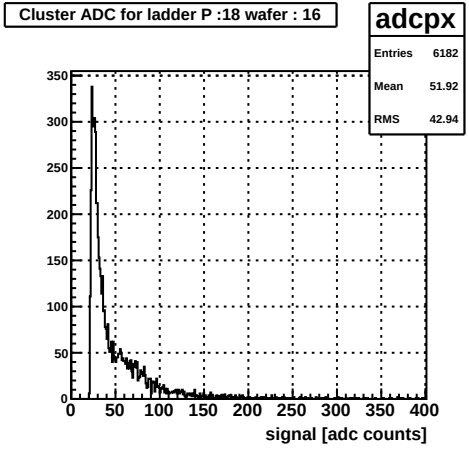

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 30467
Mean 45.92
RMS 43.08
signal [adc counts]

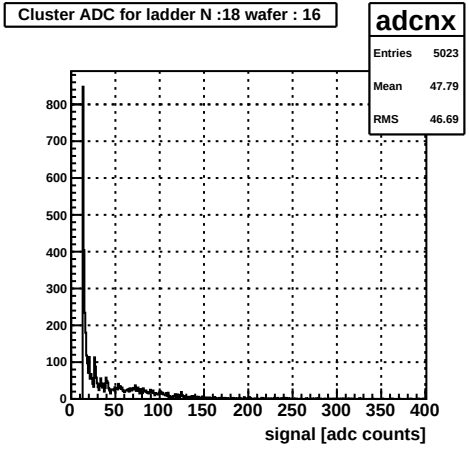

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 982
Mean 57.4
RMS 52.49
signal [adc counts]

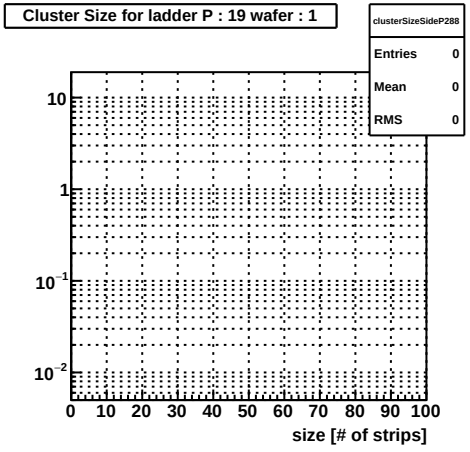

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6182
Mean 1.173
RMS 0.4819
size [# of strips]

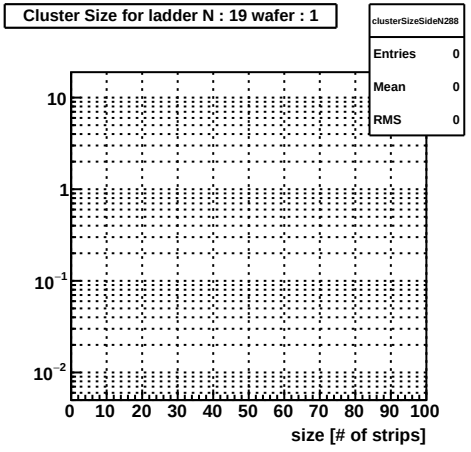

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 5023
Mean 1.964
RMS 1.451
size [# of strips]

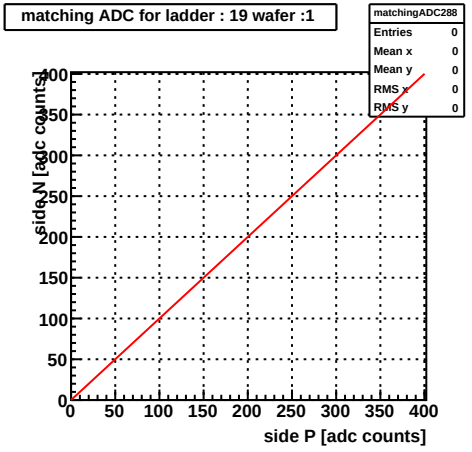

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 524
Mean x 71.92
Mean y 73.81
RMS x 51.96
RMS y 55.55
side N [adc counts]
side P [adc counts]

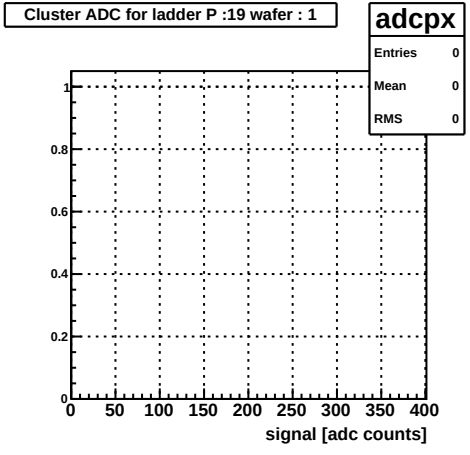

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6182
Mean 51.92
RMS 42.94
signal [adc counts]

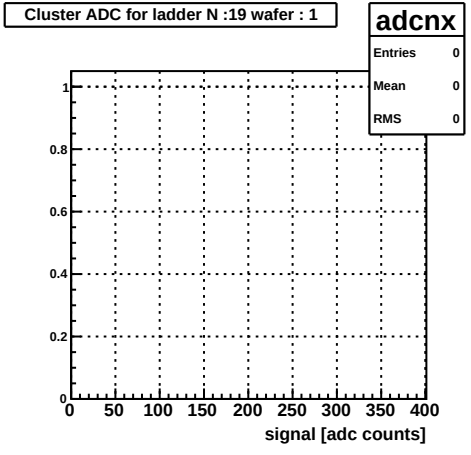

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 5023
Mean 47.79
RMS 46.69
signal [adc counts]

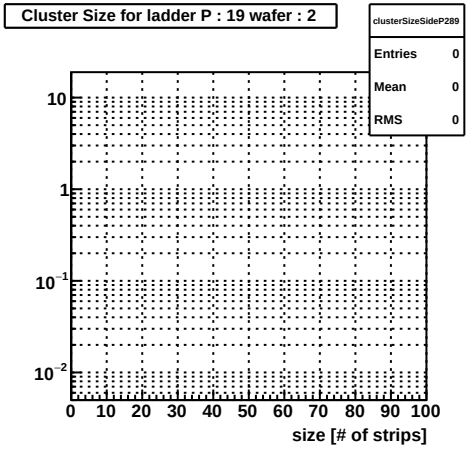

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

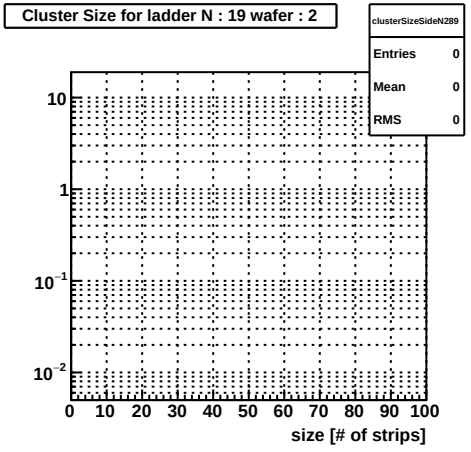

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

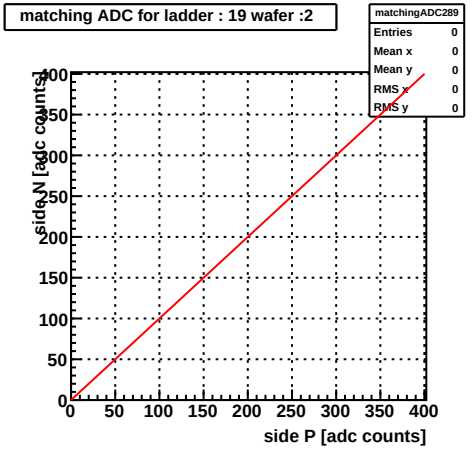

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

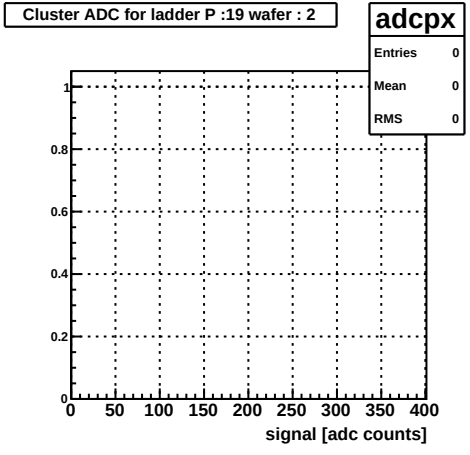

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

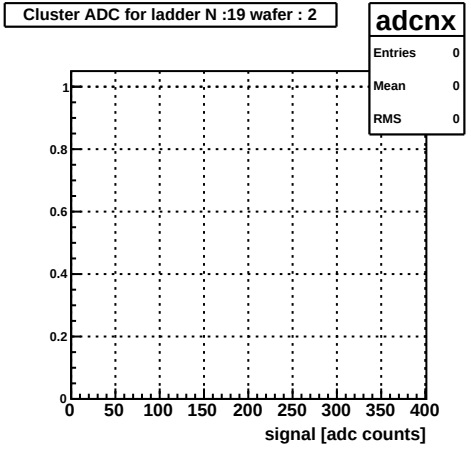

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

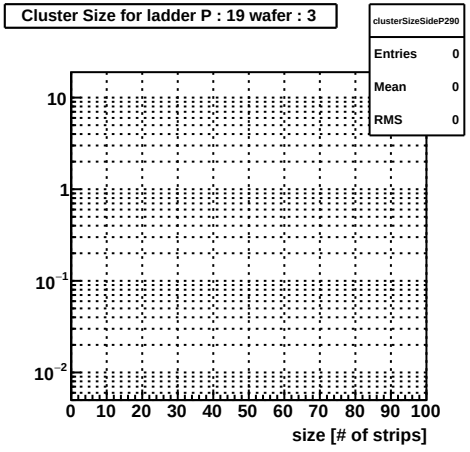

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

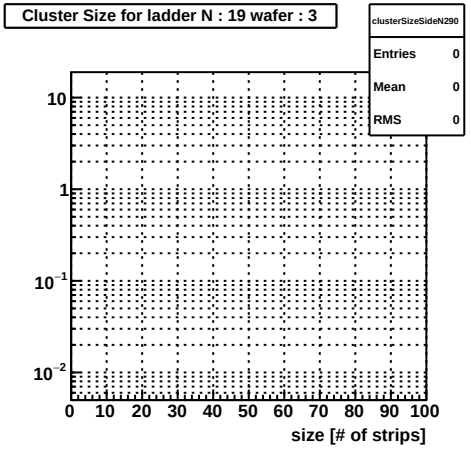

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

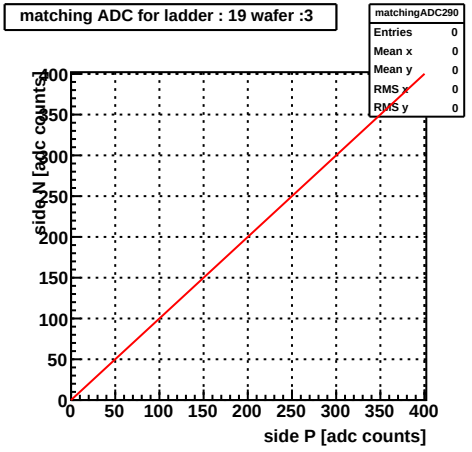

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

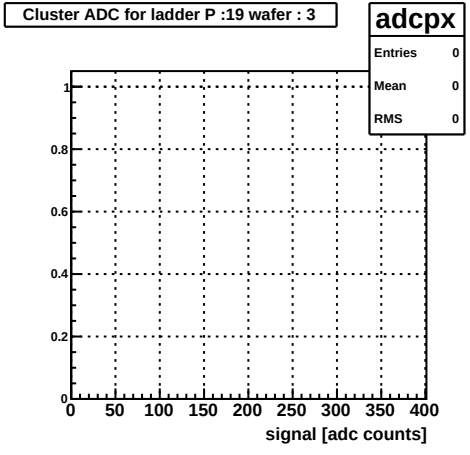

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

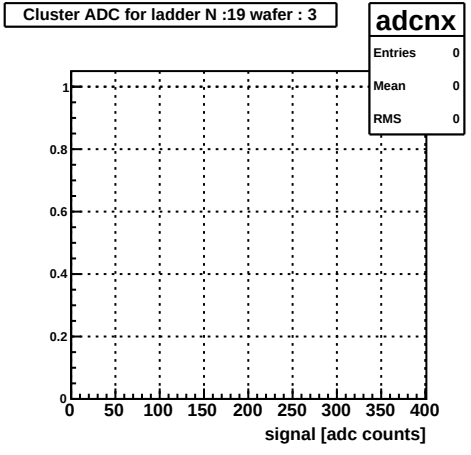

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

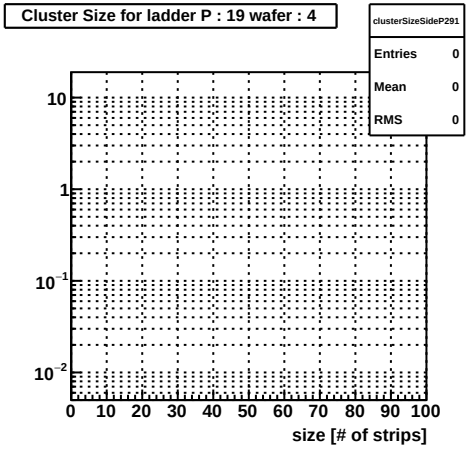

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

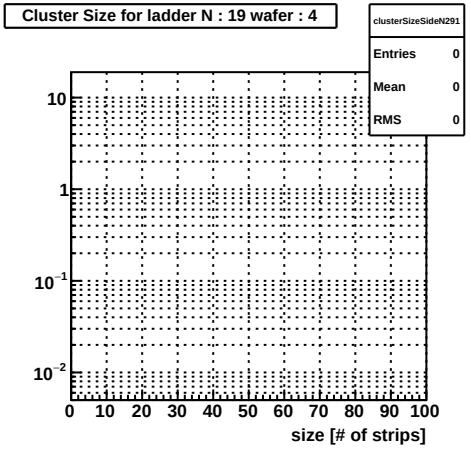

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

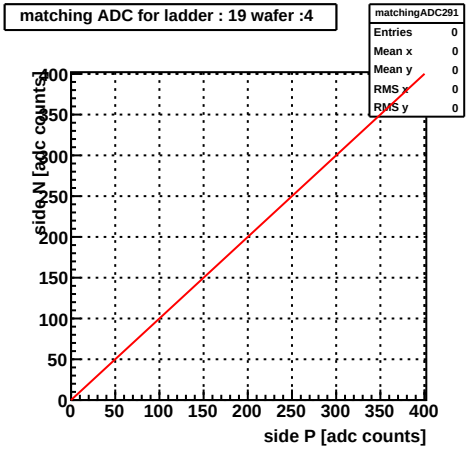

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

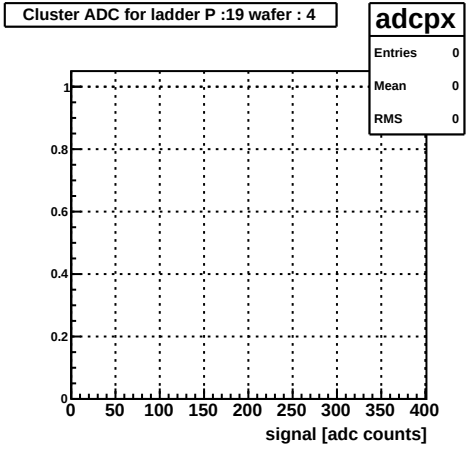

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

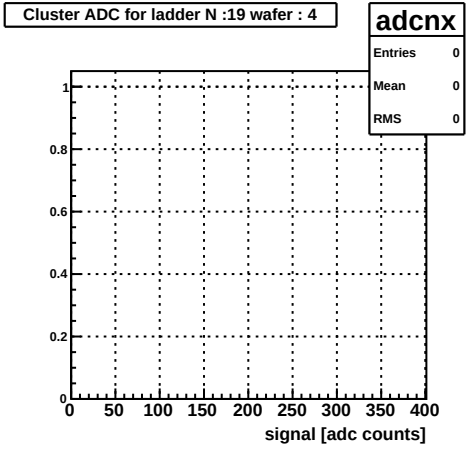

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

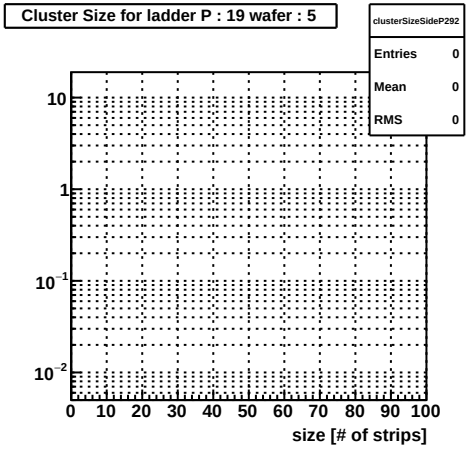

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

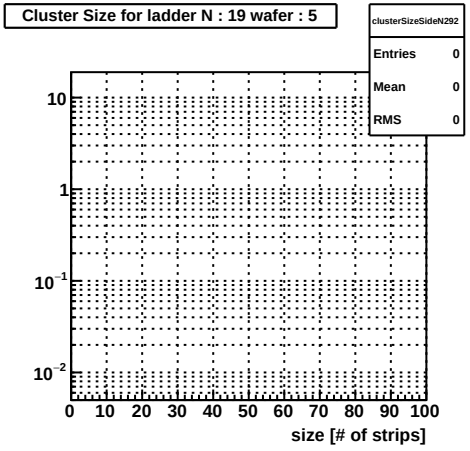

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

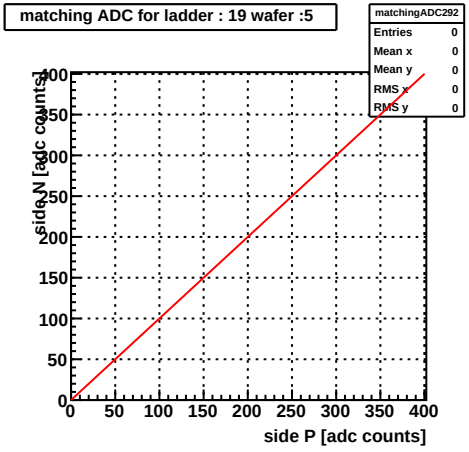

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

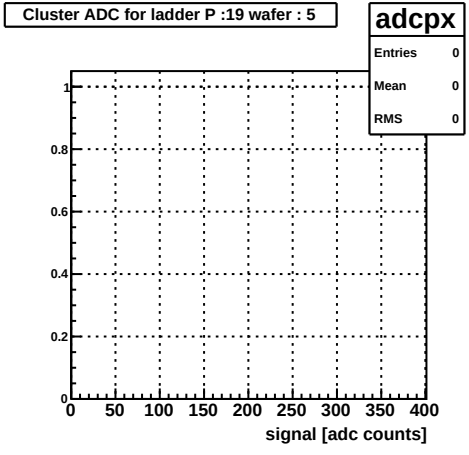

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

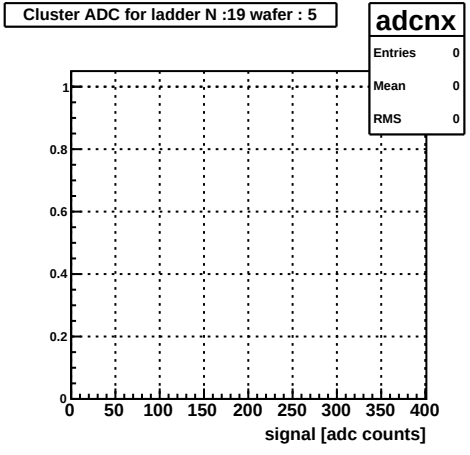

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

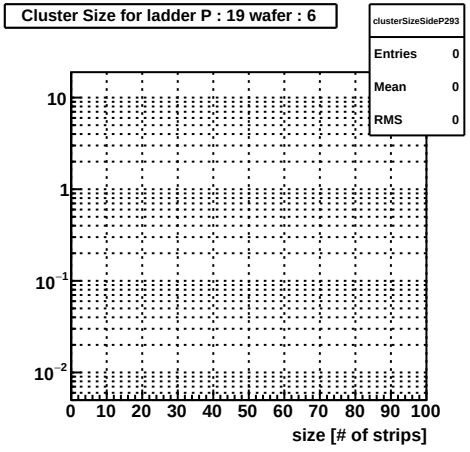

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

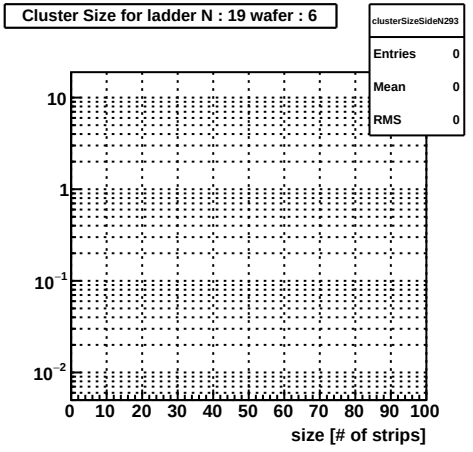

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

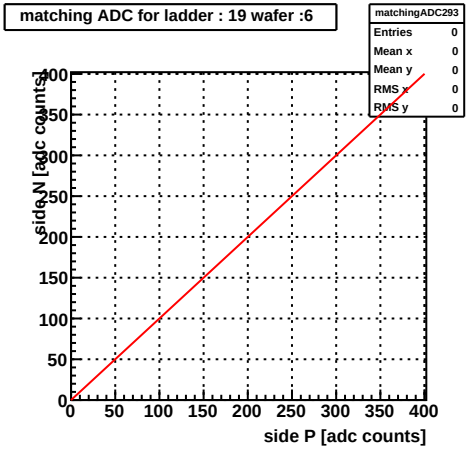

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

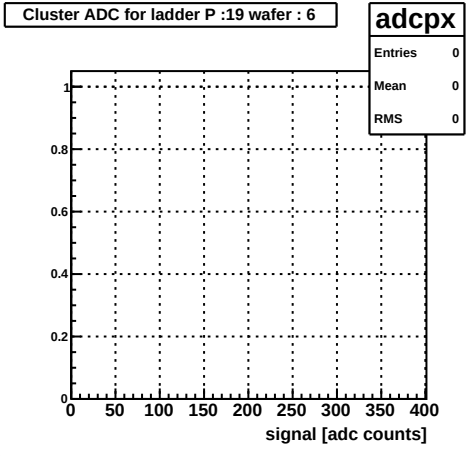

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

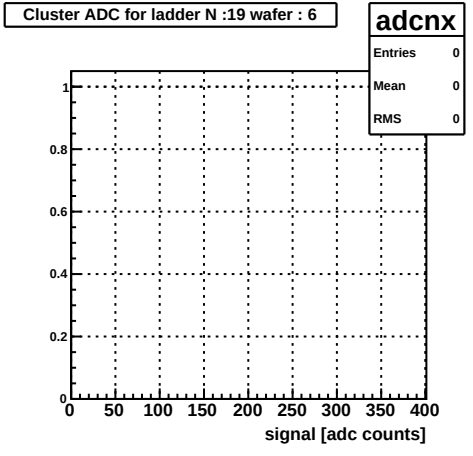

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

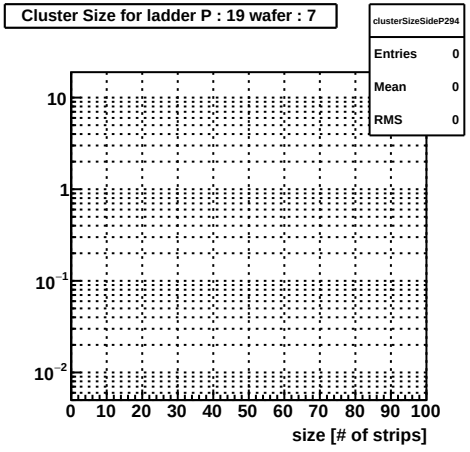

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

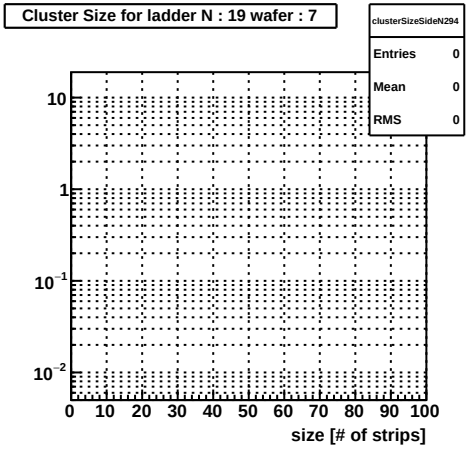

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

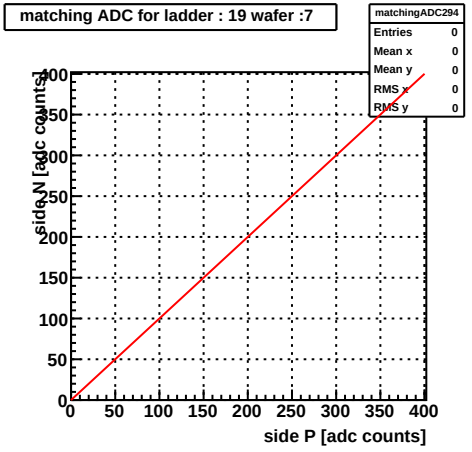

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

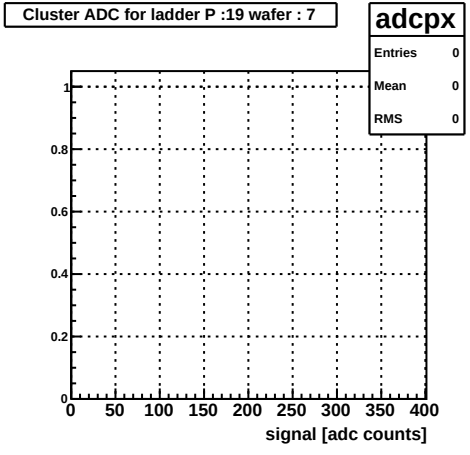

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

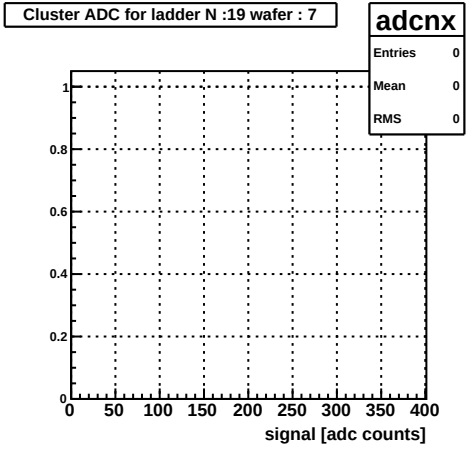

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

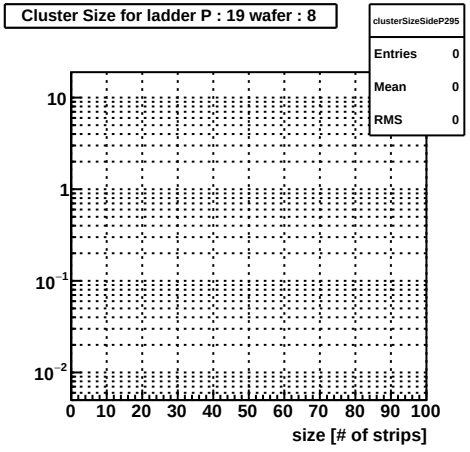

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

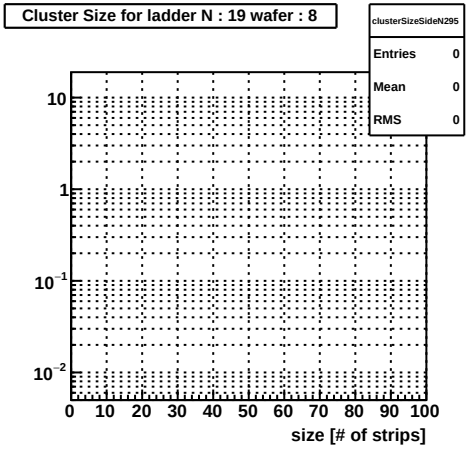

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

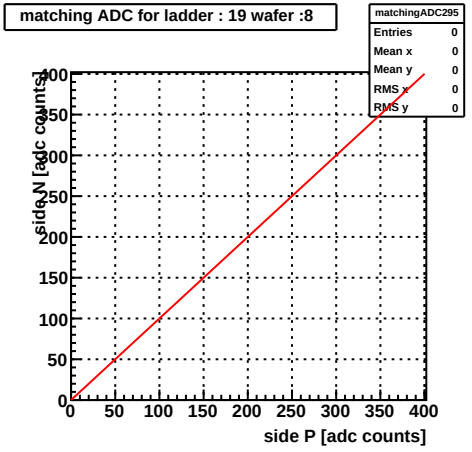

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

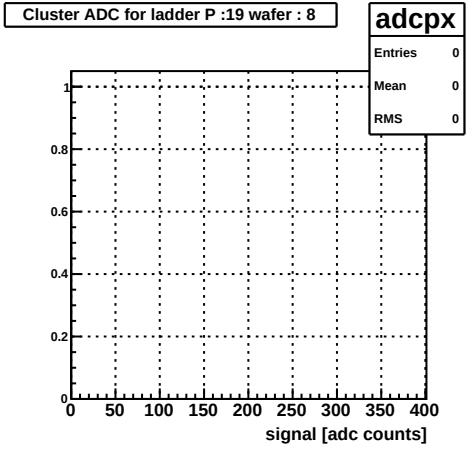

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

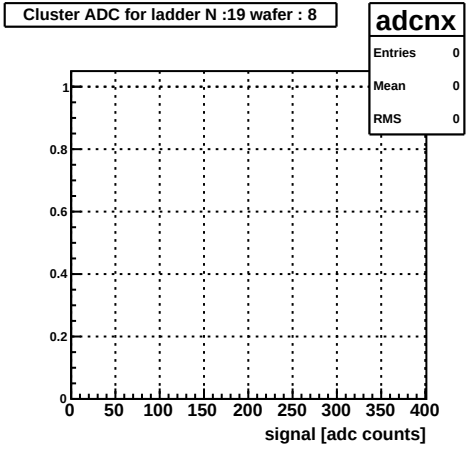

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

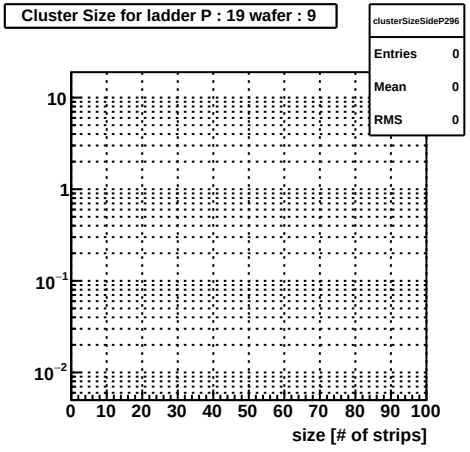

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

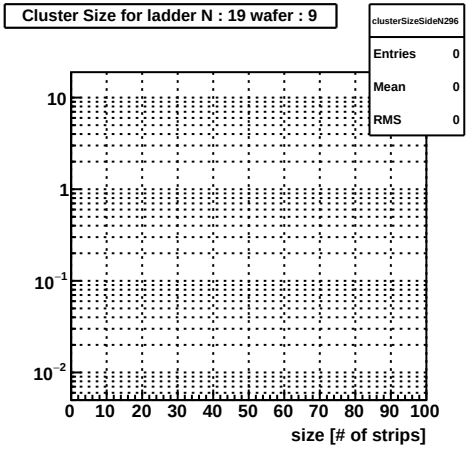

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

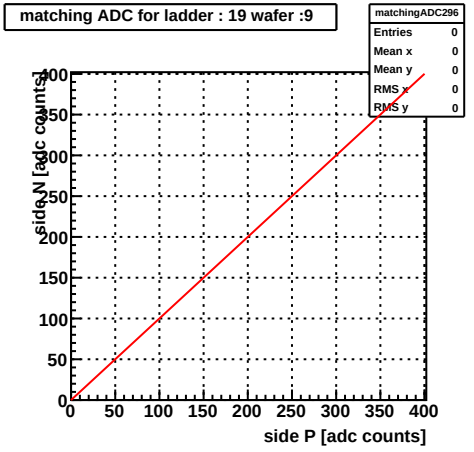

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

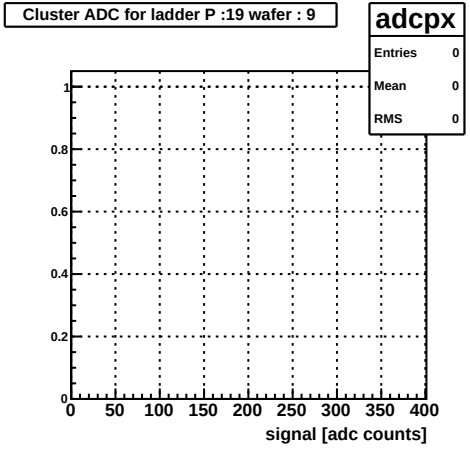

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

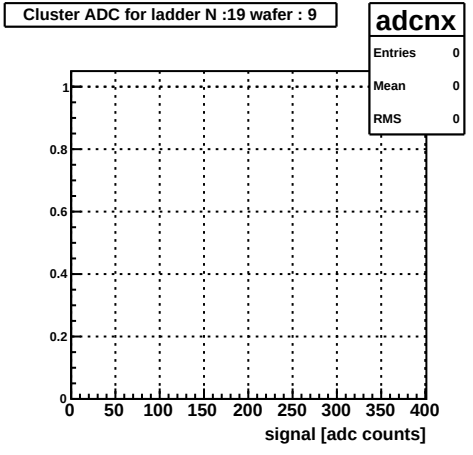

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

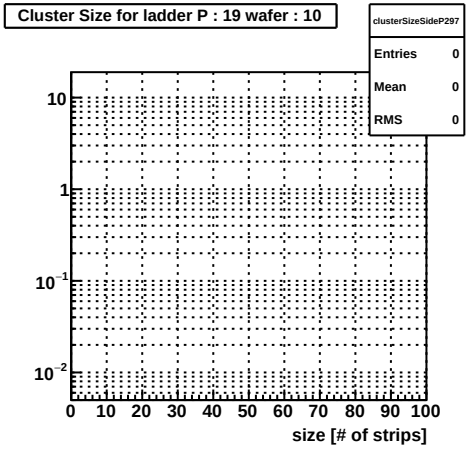

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

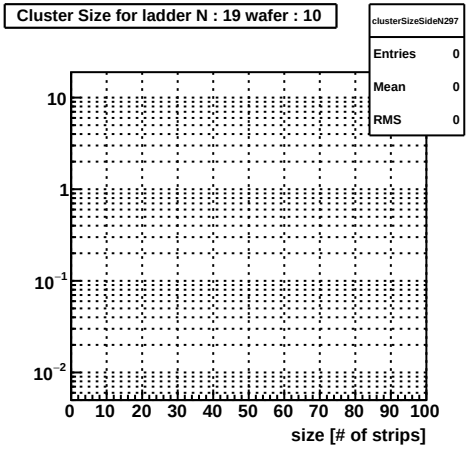

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

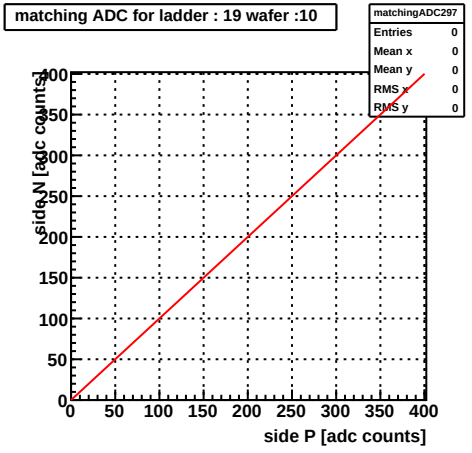

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

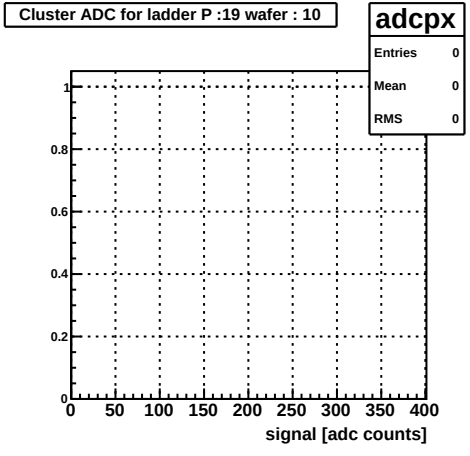

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

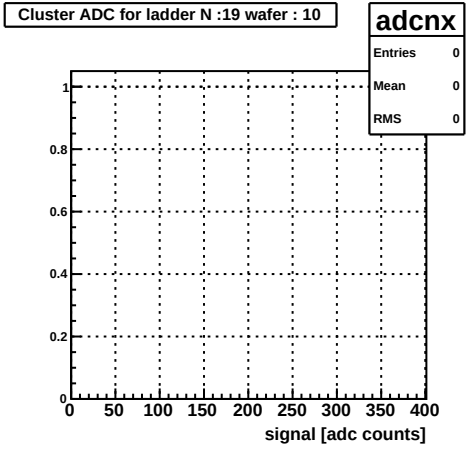

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

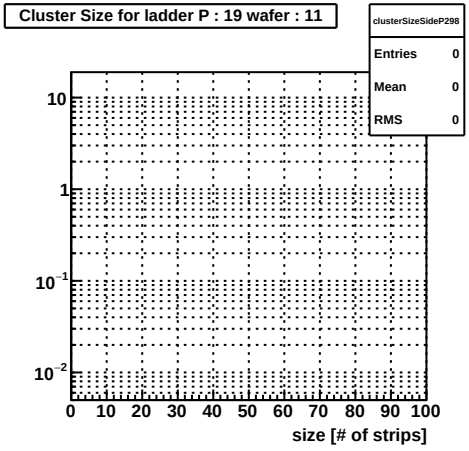

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

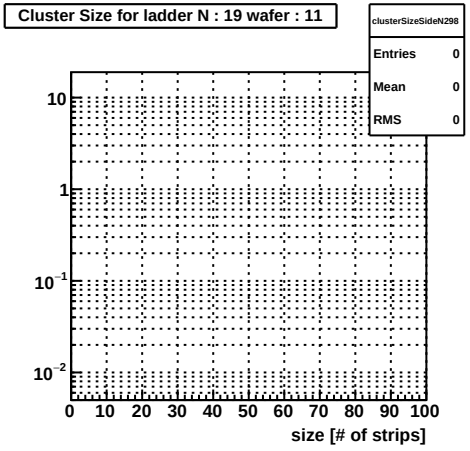

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

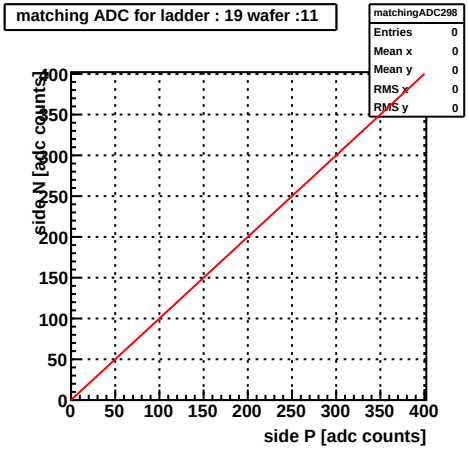

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

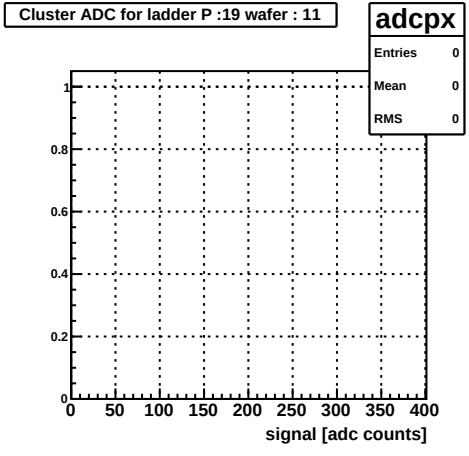

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

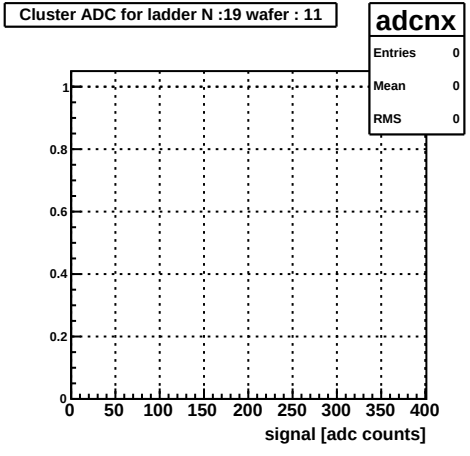

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

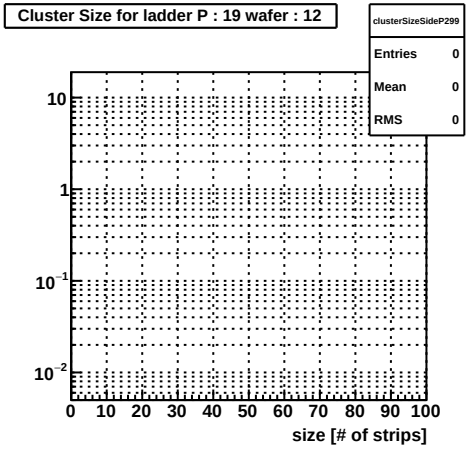

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

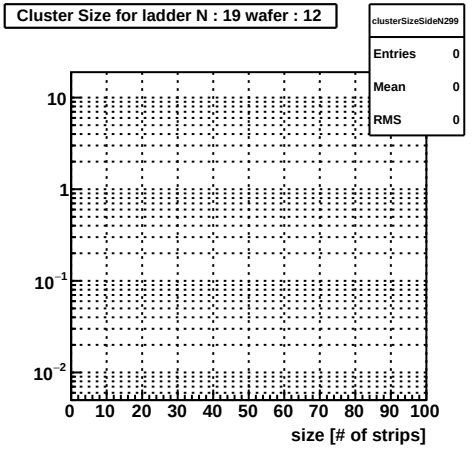

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

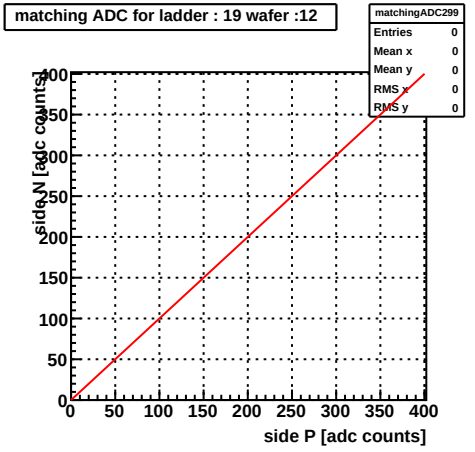

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

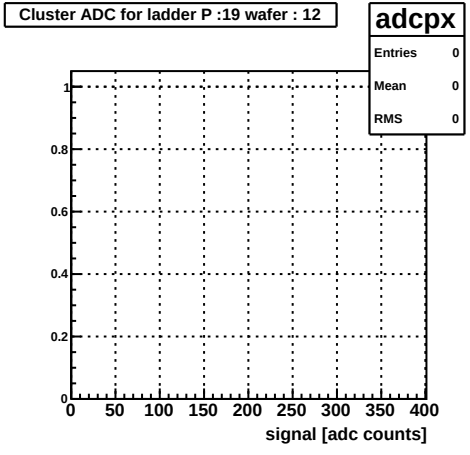

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

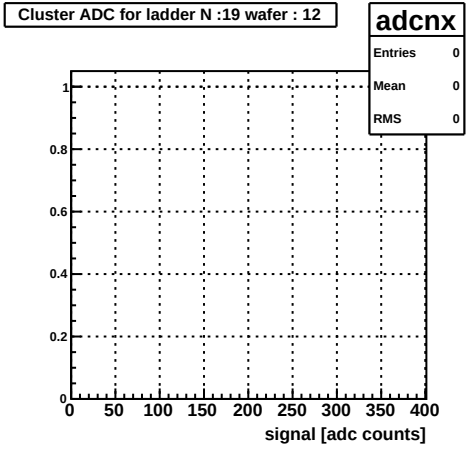

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

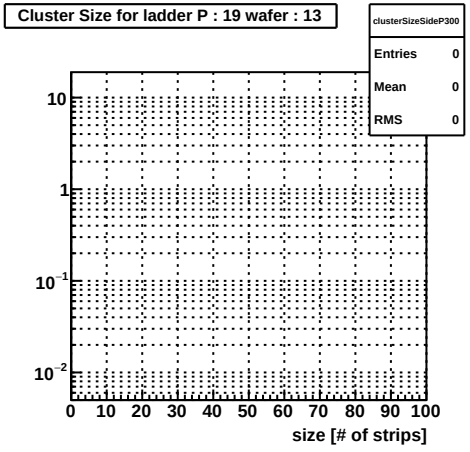

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

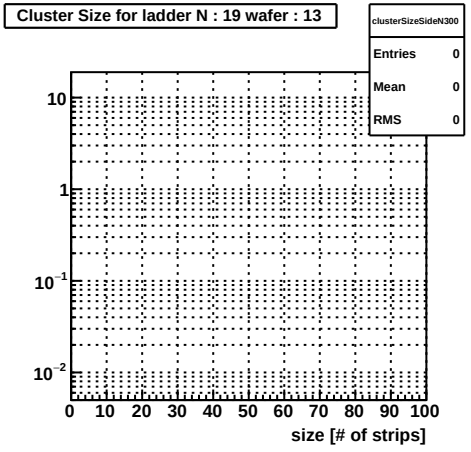

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

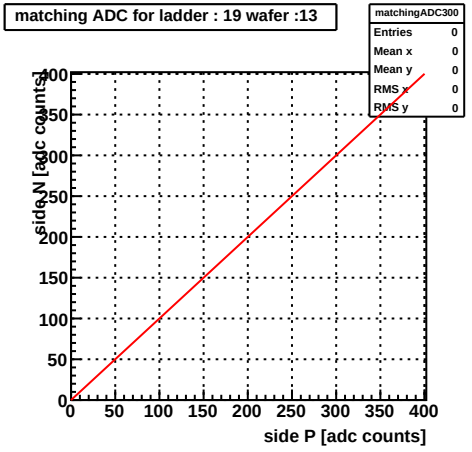

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

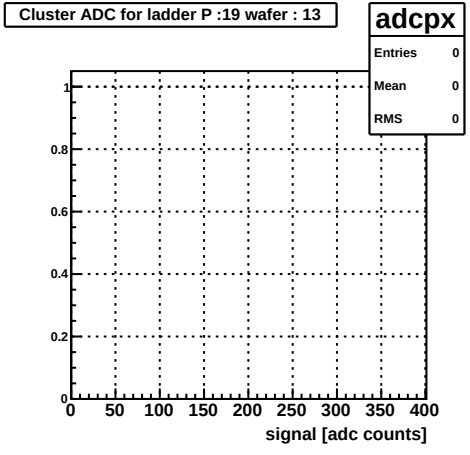

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

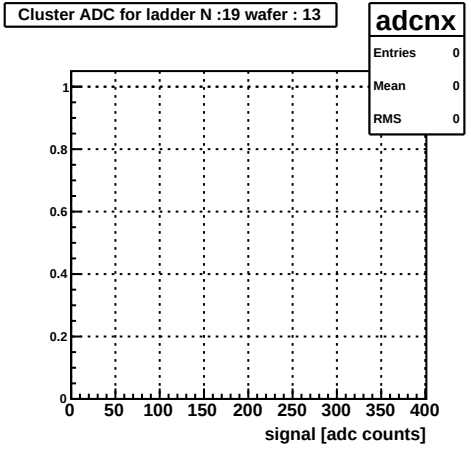

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

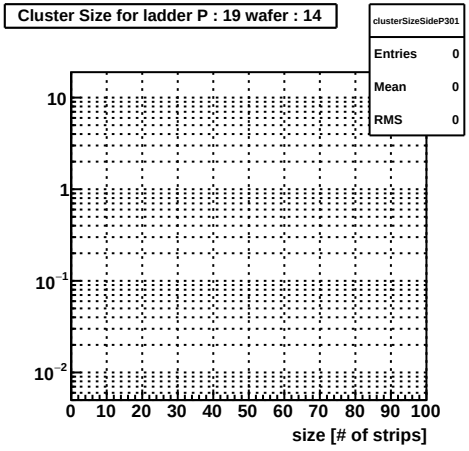

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

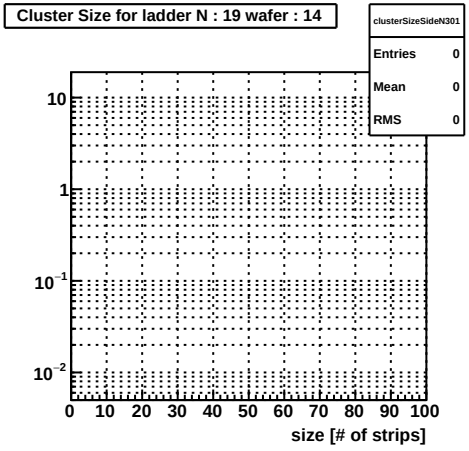

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

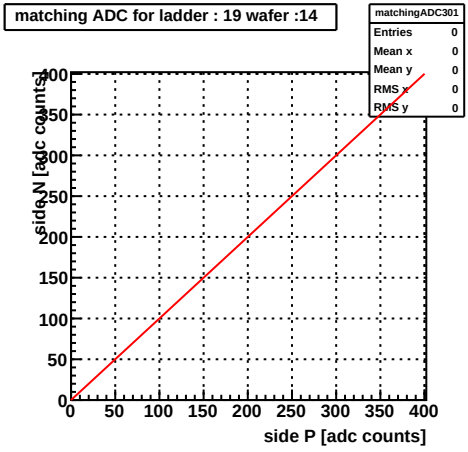

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

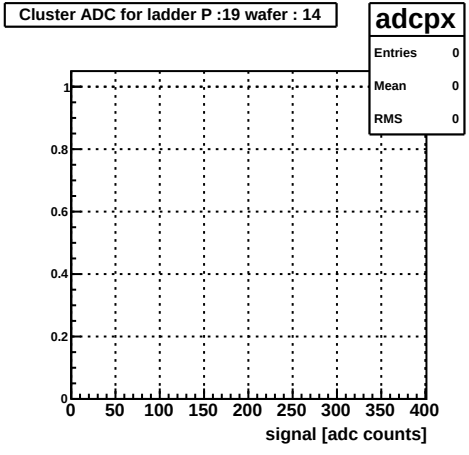

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

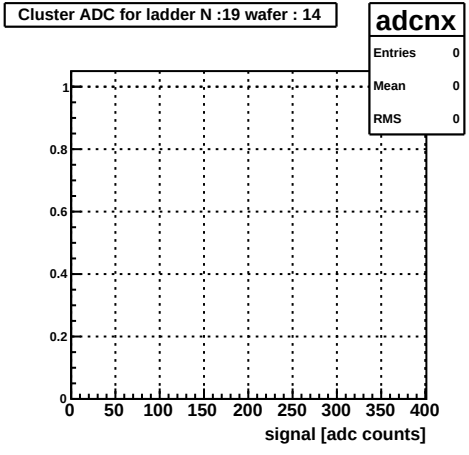

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

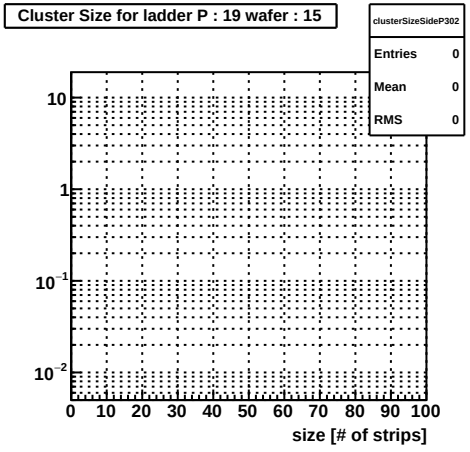

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

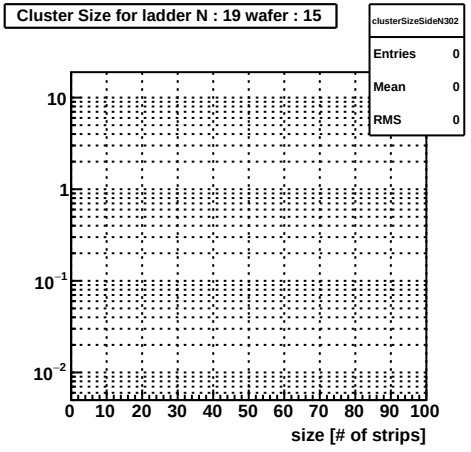

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

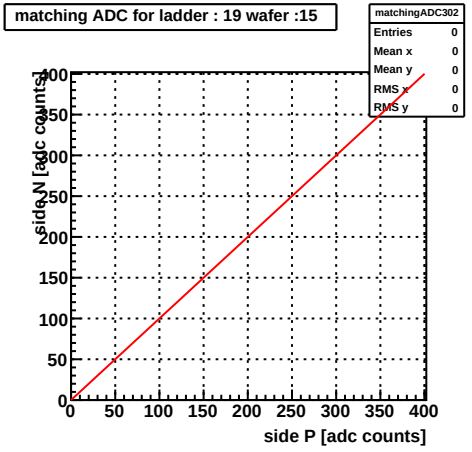

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

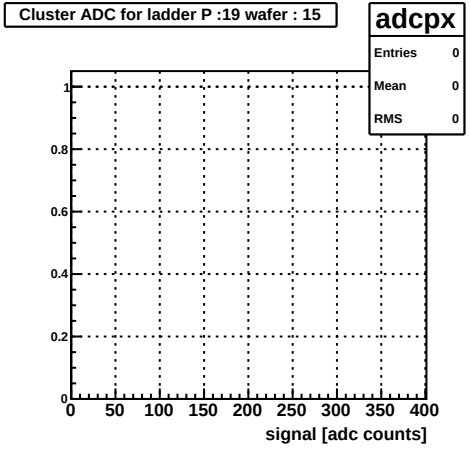

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

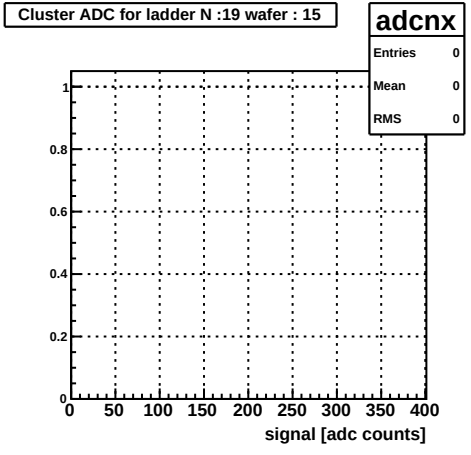

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

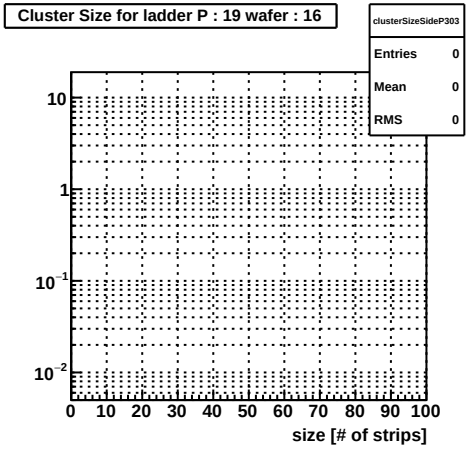

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

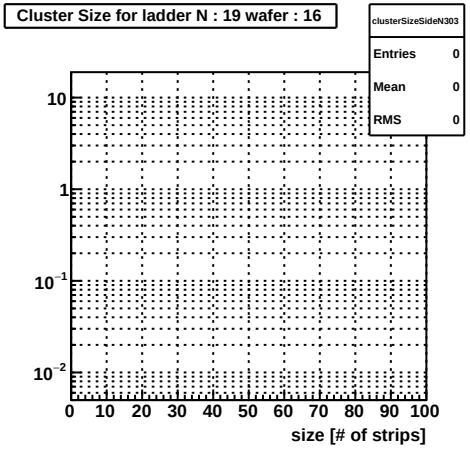

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

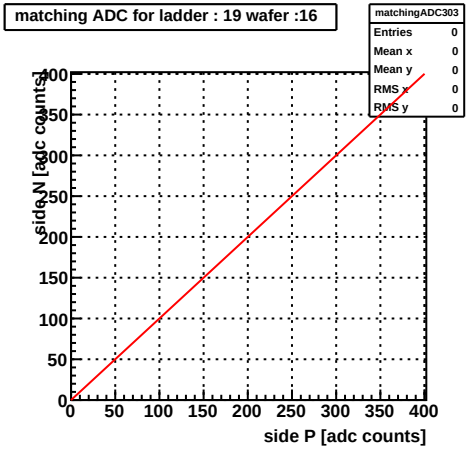

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

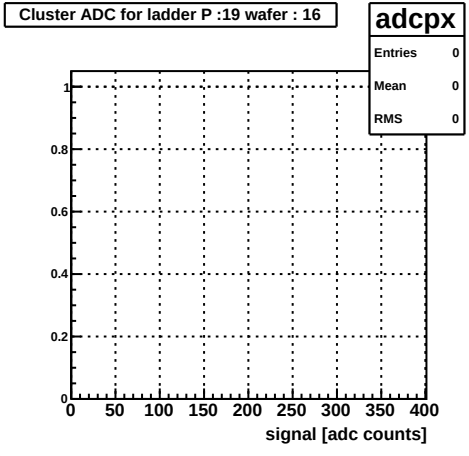

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

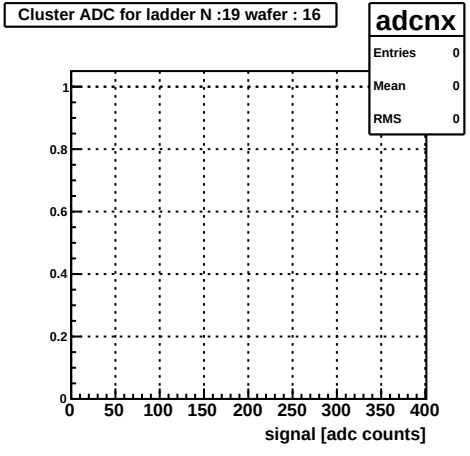

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

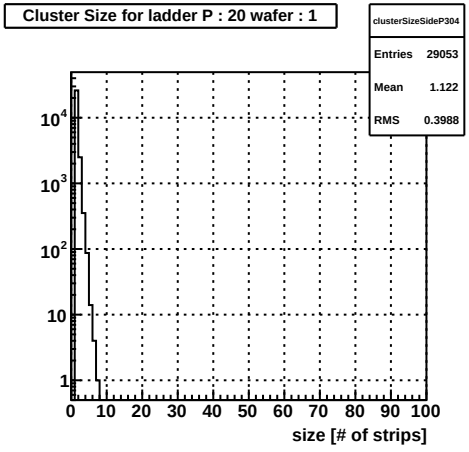

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

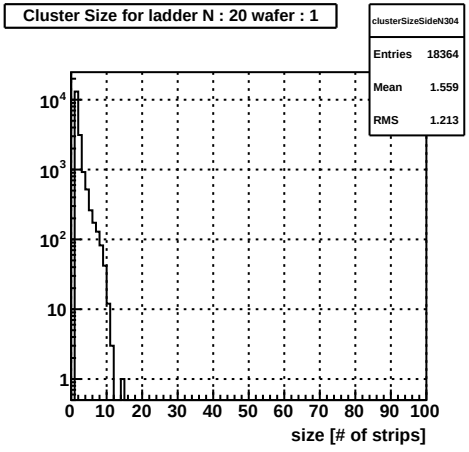

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

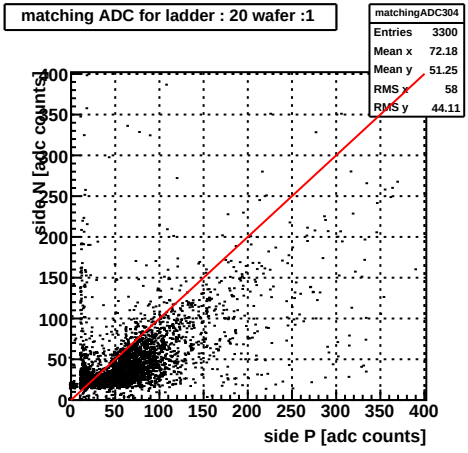

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

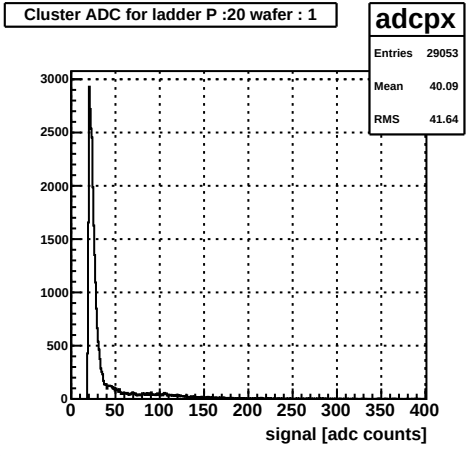

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

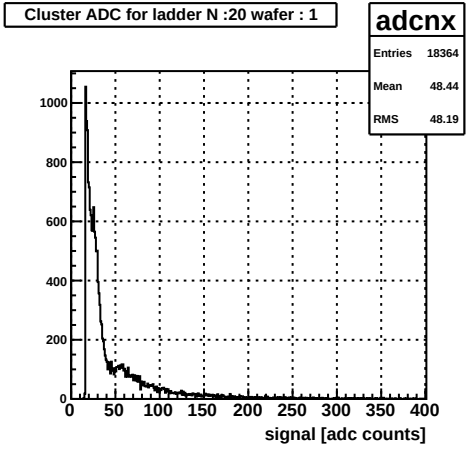

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

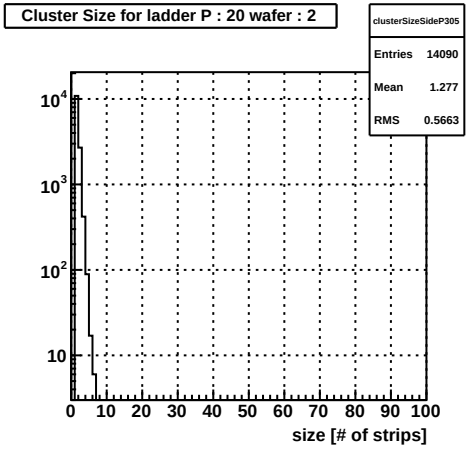

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 29053
Mean 1.122
RMS 0.3988
size [# of strips]

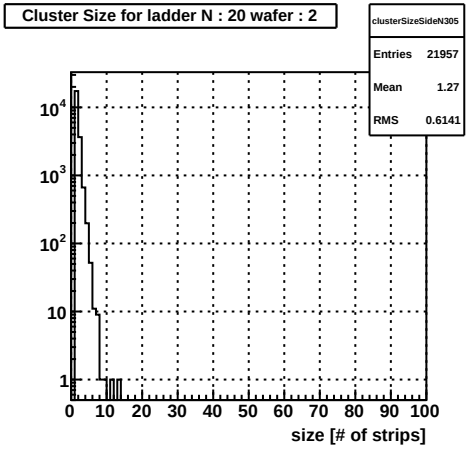

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 18364
Mean 1.559
RMS 1.213
size [# of strips]

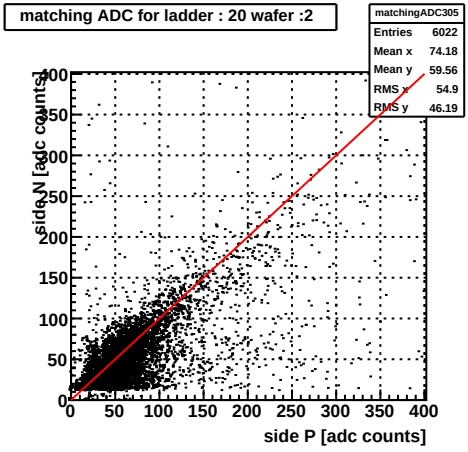

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 3300
Mean x 72.18
Mean y 51.25
RMS x 58
RMS y 44.11
side N [adc counts]
side P [adc counts]

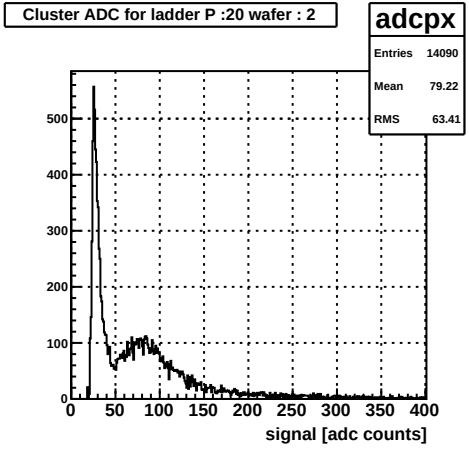

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 29053
Mean 40.09
RMS 41.64
signal [adc counts]

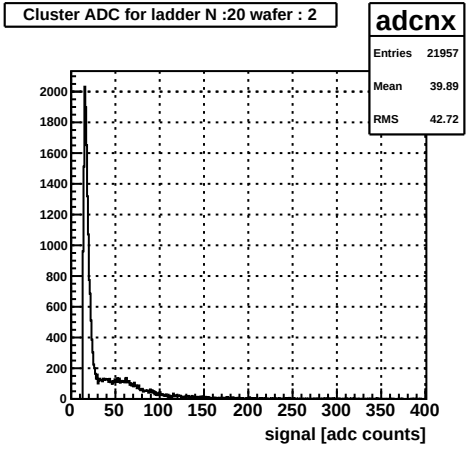

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 18364
Mean 48.44
RMS 48.19
signal [adc counts]

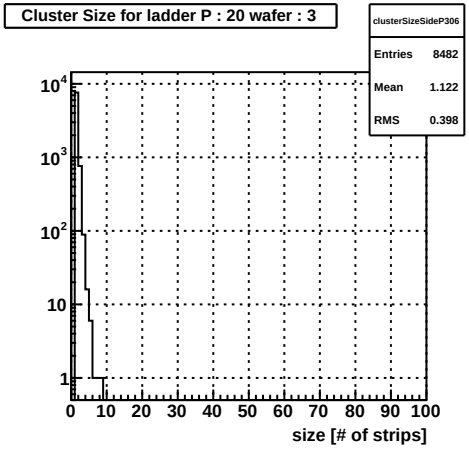

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 14090
Mean 1.277
RMS 0.5663
size [# of strips]

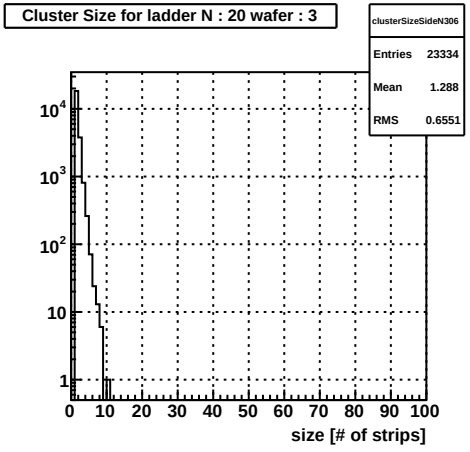

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 21957
Mean 1.27
RMS 0.6141
size [# of strips]

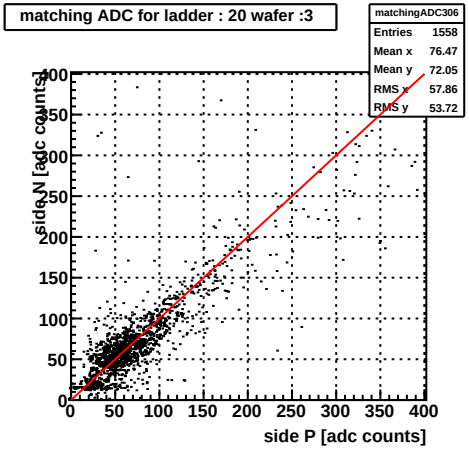

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 6022
Mean x 74.18
Mean y 59.56
RMS x 54.9
RMS y 46.19
side N [adc counts]
side P [adc counts]

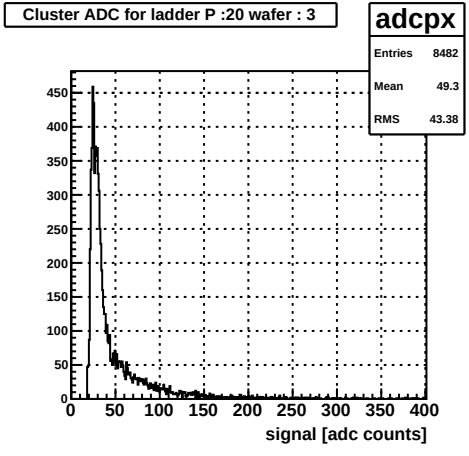

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 14090
Mean 79.22
RMS 63.41
signal [adc counts]

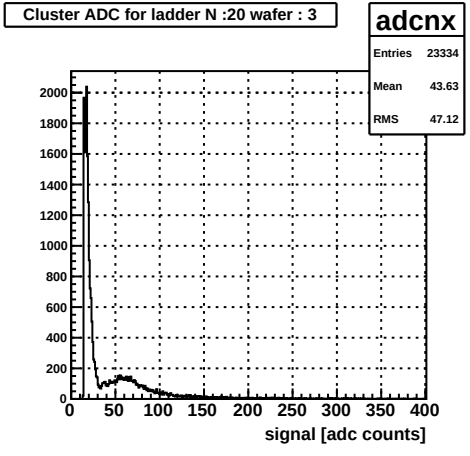

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 21957
Mean 39.89
RMS 42.72
signal [adc counts]

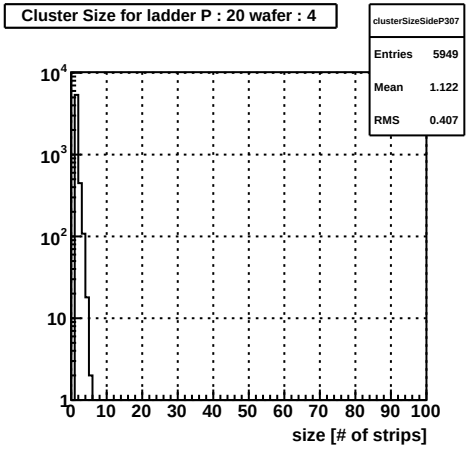

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 8482
Mean 1.122
RMS 0.398
size [# of strips]

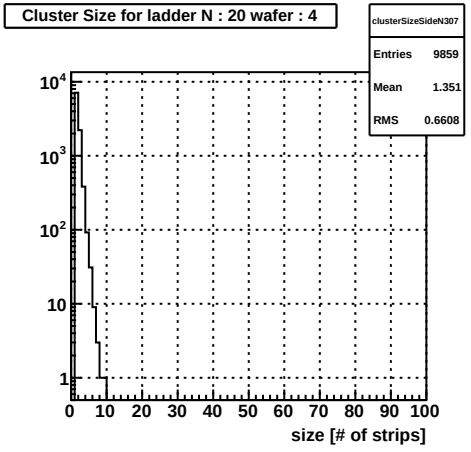

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 23334
Mean 1.288
RMS 0.6551
size [# of strips]

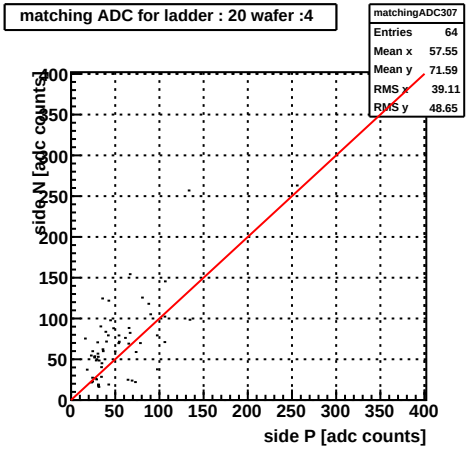

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1558
Mean x 76.47
Mean y 72.05
RMS x 57.86
RMS y 53.72
side N [adc counts]
side P [adc counts]

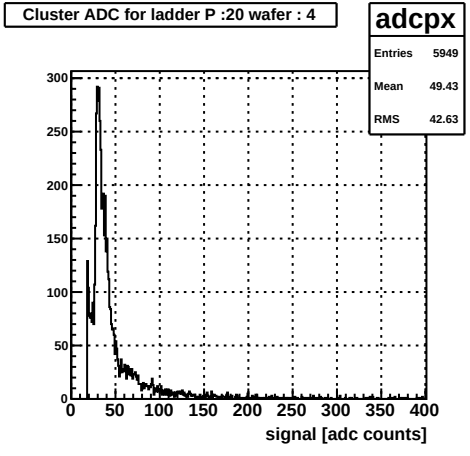

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 8482
Mean 49.3
RMS 43.38
signal [adc counts]

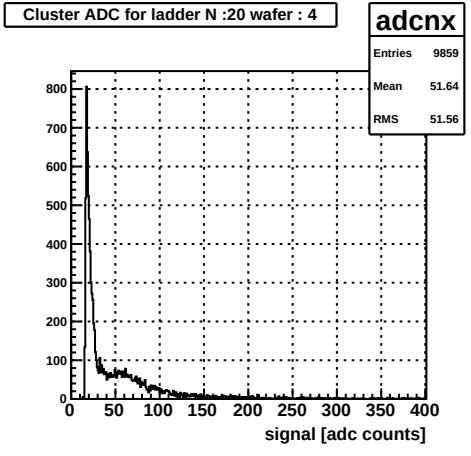

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 23334
Mean 43.63
RMS 47.12
signal [adc counts]

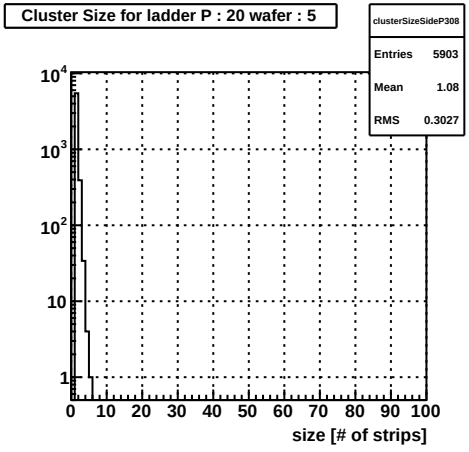

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 5949
Mean 1.122
RMS 0.407
size [# of strips]

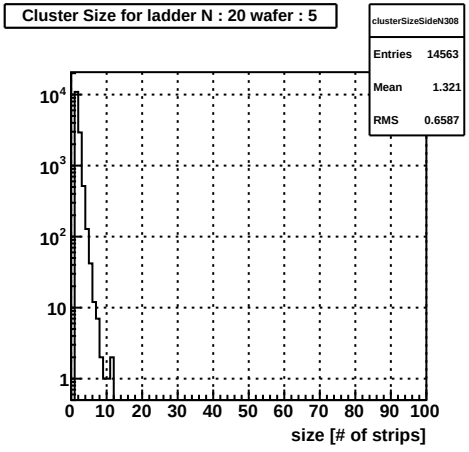

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 9859
Mean 1.351
RMS 0.6608
size [# of strips]

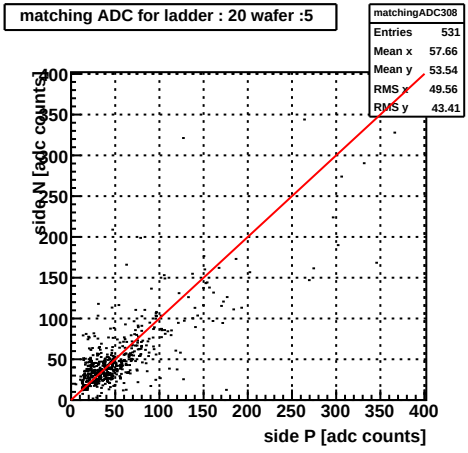

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 64
Mean x 57.55
Mean y 71.59
RMS x 39.11
RMS y 48.65
side N [adc counts]
side P [adc counts]

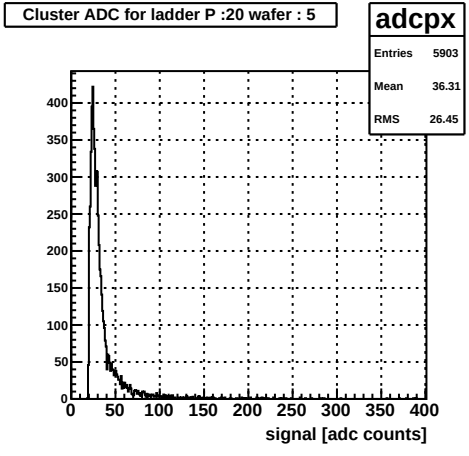

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 5949
Mean 49.43
RMS 42.63
signal [adc counts]

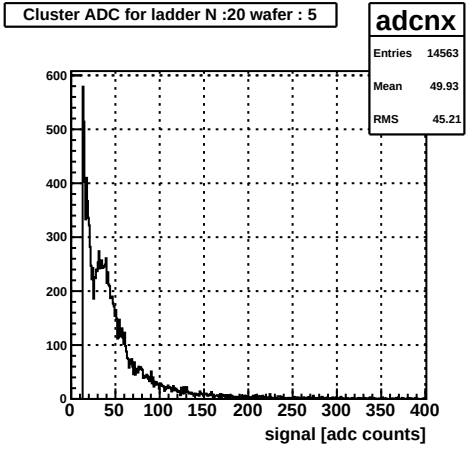

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 9859
Mean 51.64
RMS 51.56
signal [adc counts]

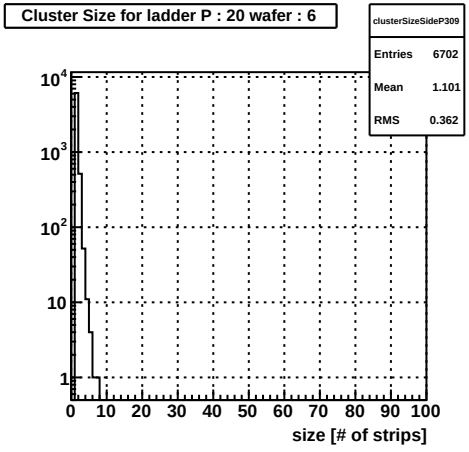

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 5903
Mean 1.08
RMS 0.3027
size [# of strips]

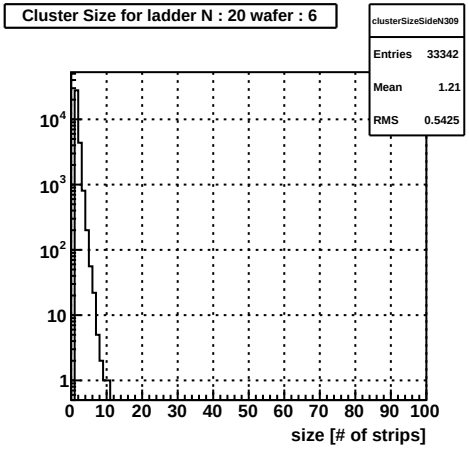

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 14563
Mean 1.321
RMS 0.6587
size [# of strips]

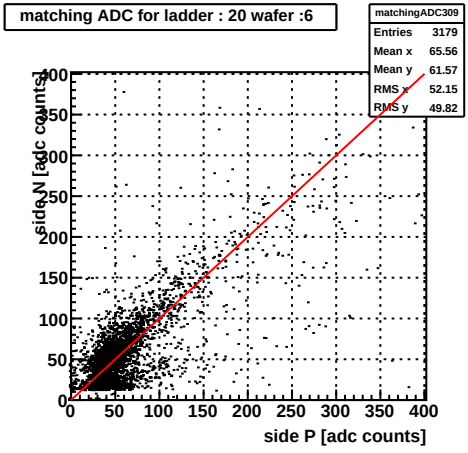

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 531
Mean x 57.66
Mean y 53.54
RMS x 49.56
RMS y 43.41
side N [adc counts]
side P [adc counts]

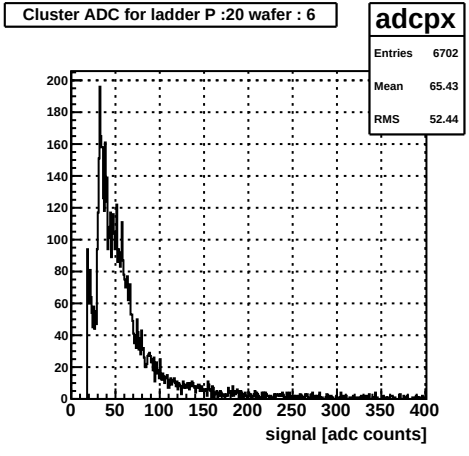

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 5903
Mean 36.31
RMS 26.45
signal [adc counts]

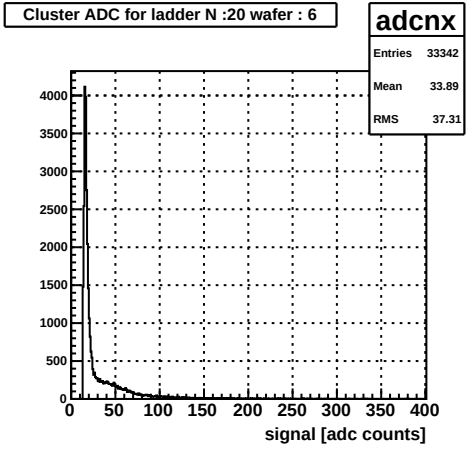

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 14563
Mean 49.93
RMS 45.21
signal [adc counts]

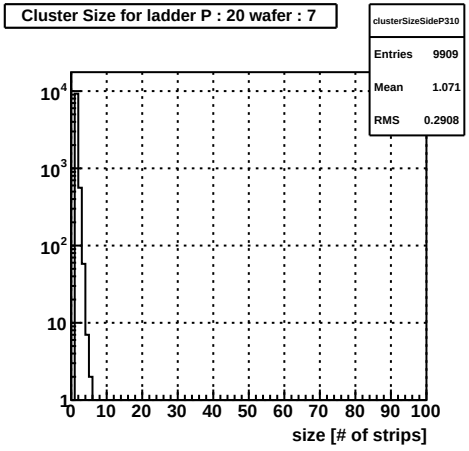

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 6702
Mean 1.101
RMS 0.362
size [# of strips]

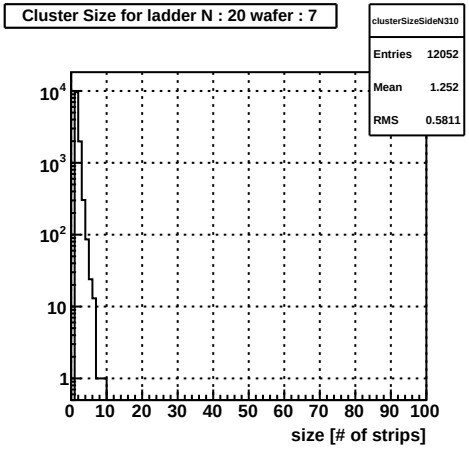

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 33342
Mean 1.21
RMS 0.5425
size [# of strips]

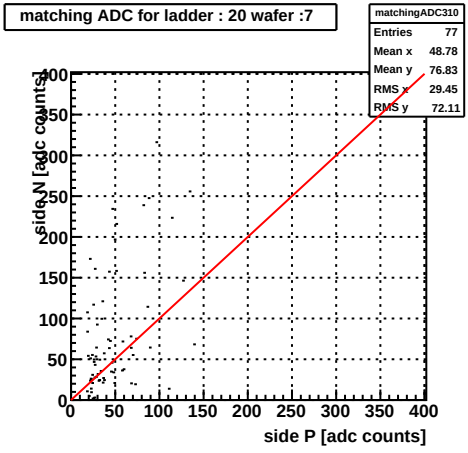

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3179
Mean x 65.56
Mean y 61.57
RMS x 52.15
RMS y 49.82
side N [adc counts]
side P [adc counts]

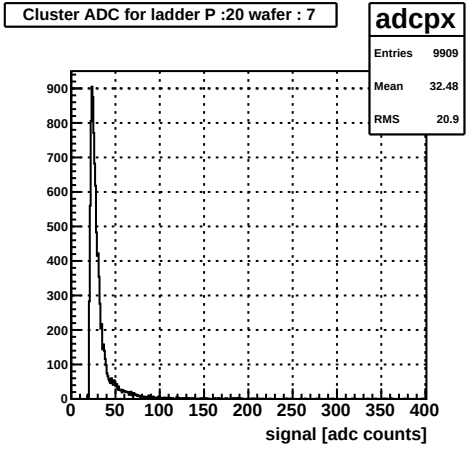

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 6702
Mean 65.43
RMS 52.44
signal [adc counts]

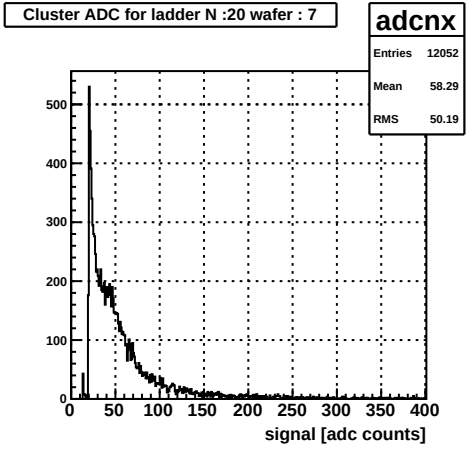

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 33342
Mean 33.89
RMS 37.31
signal [adc counts]

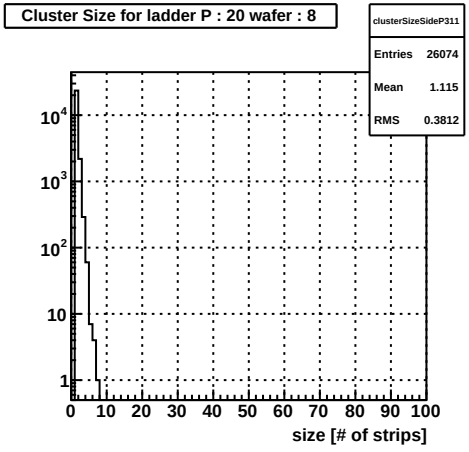

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 9909
Mean 1.071
RMS 0.2908
size [# of strips]

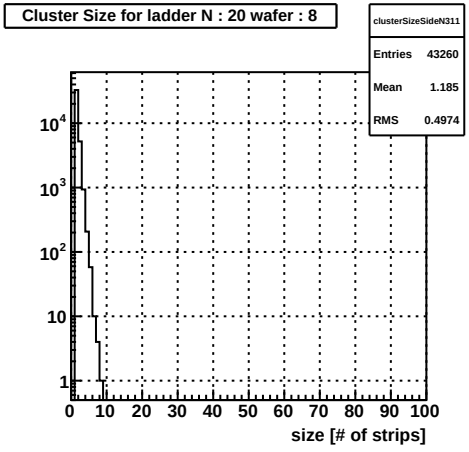

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 12052
Mean 1.252
RMS 0.5811
size [# of strips]

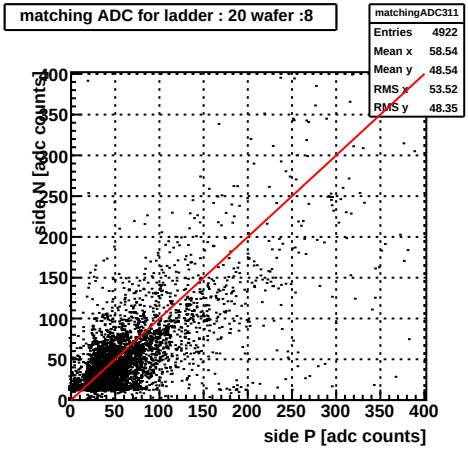

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 77
Mean x 48.78
Mean y 76.83
RMS x 29.45
RMS y 72.11
side N [adc counts]
side P [adc counts]

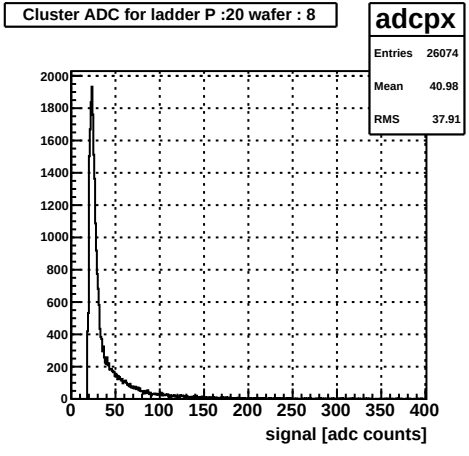

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 9909
Mean 32.48
RMS 20.9
signal [adc counts]

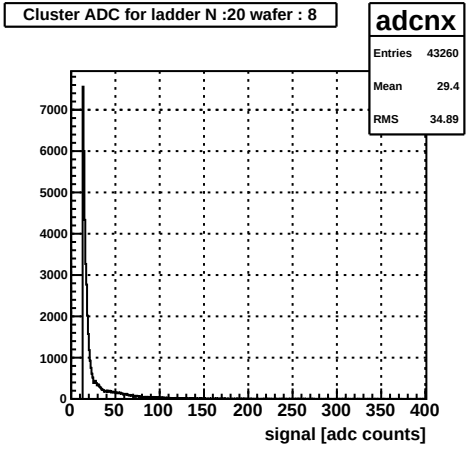

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 12052
Mean 58.29
RMS 50.19
signal [adc counts]

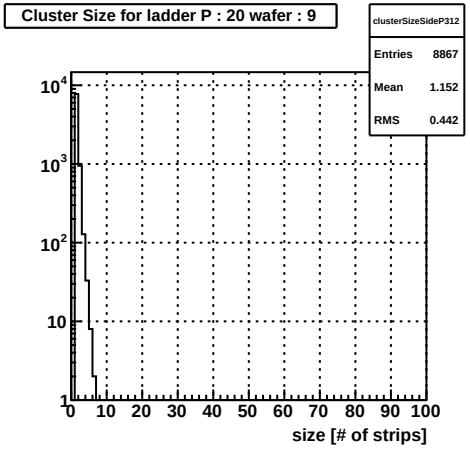

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 26074
Mean 1.115
RMS 0.3812
size [# of strips]

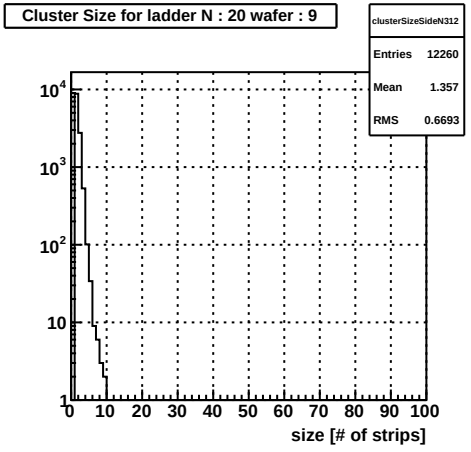

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 43260
Mean 1.185
RMS 0.4974
size [# of strips]

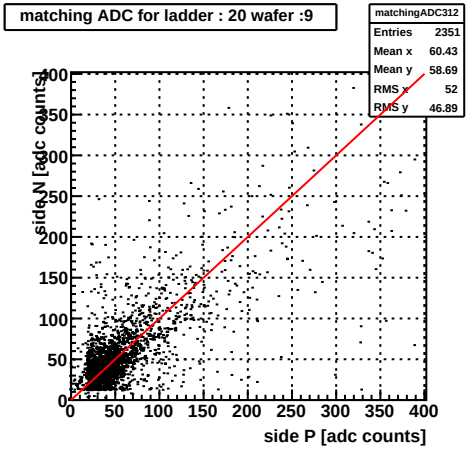

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 4922
Mean x 58.54
Mean y 48.54
RMS x 53.52
RMS y 48.35
side N [adc counts]
side P [adc counts]

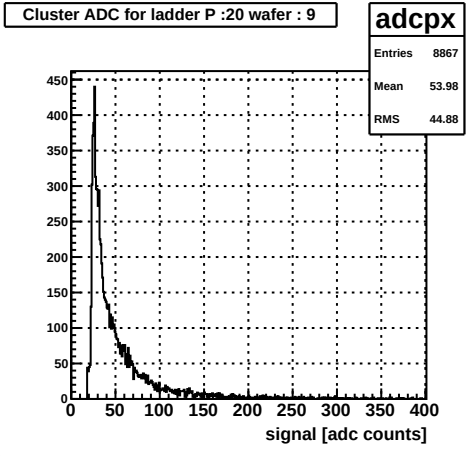

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 26074
Mean 40.98
RMS 37.91
signal [adc counts]

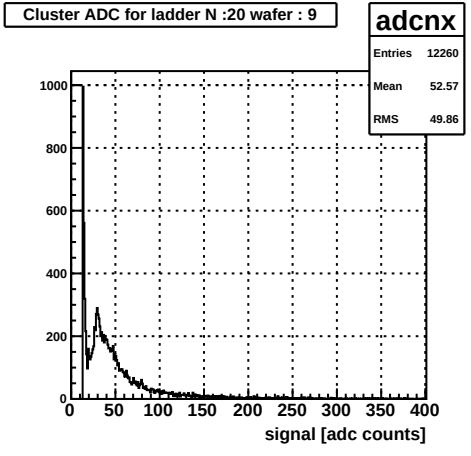

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 43260
Mean 29.4
RMS 34.89
signal [adc counts]

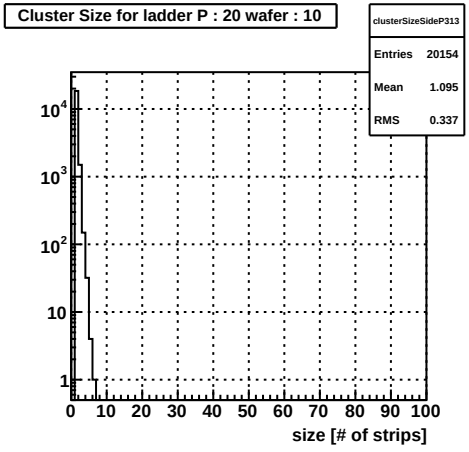

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 8867
Mean 1.152
RMS 0.442
size [# of strips]

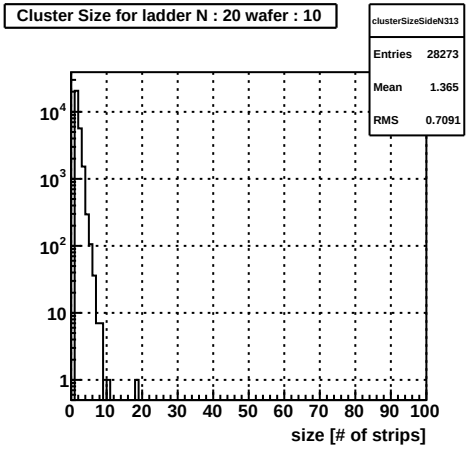

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 12260
Mean 1.357
RMS 0.6693
size [# of strips]

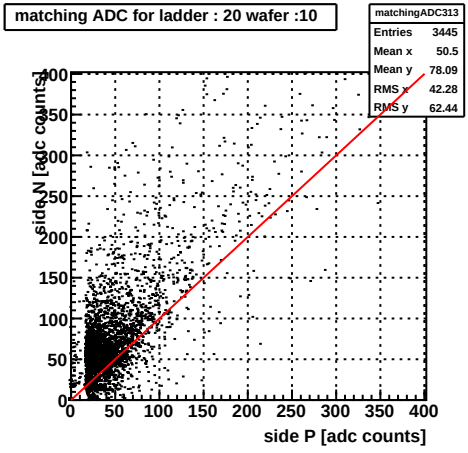

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2351
Mean x 60.43
Mean y 58.69
RMS x 52
RMS y 46.89
side N [adc counts]
side P [adc counts]

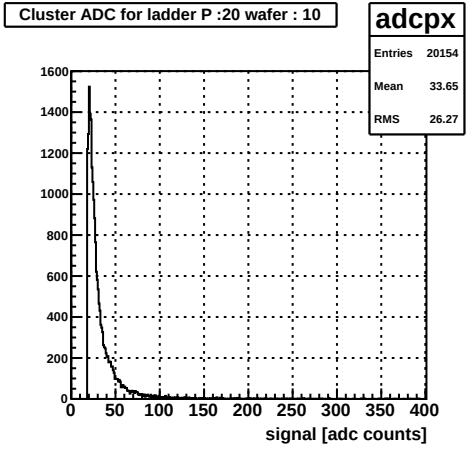

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 8867
Mean 53.98
RMS 44.88
signal [adc counts]

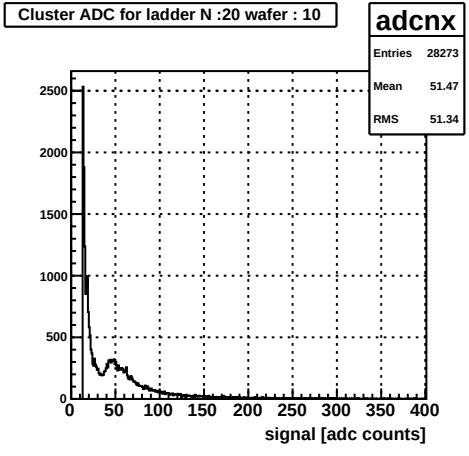

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 12260
Mean 52.57
RMS 49.86
signal [adc counts]

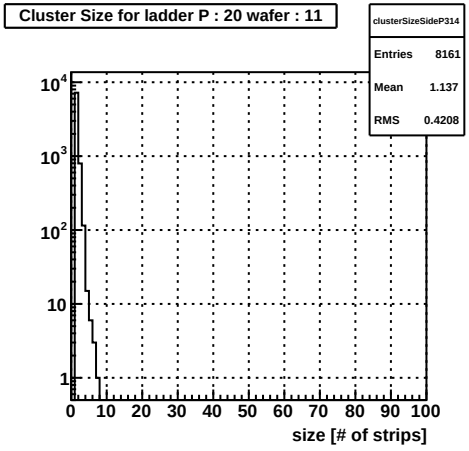

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 20154
Mean 1.095
RMS 0.337
size [# of strips]

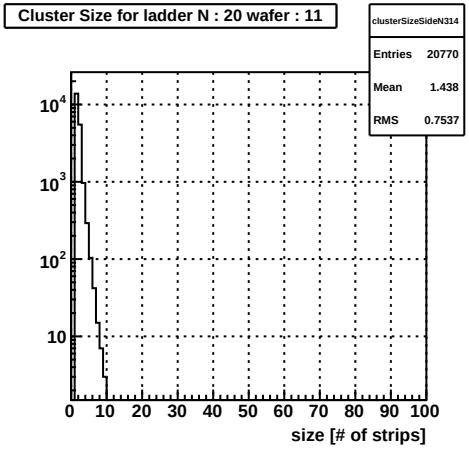

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 28273
Mean 1.365
RMS 0.7091
size [# of strips]

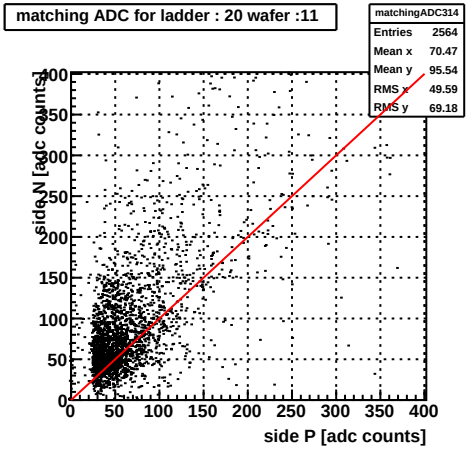

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 3445
Mean x 50.5
Mean y 78.09
RMS x 42.28
RMS y 62.44
side N [adc counts]
side P [adc counts]

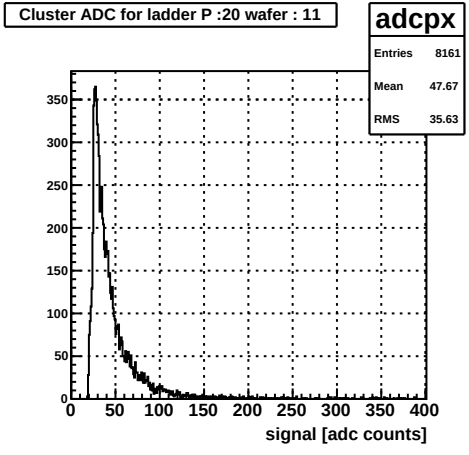

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 20154
Mean 33.65
RMS 26.27
signal [adc counts]

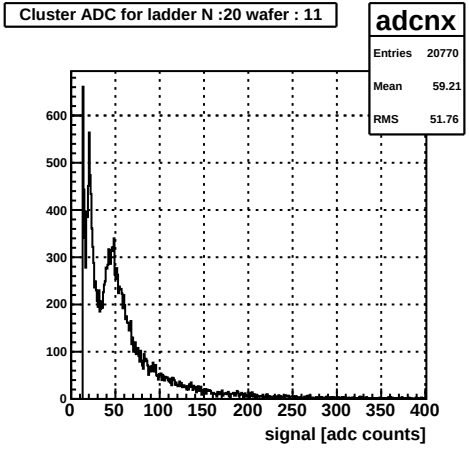

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 28273
Mean 51.47
RMS 51.34
signal [adc counts]

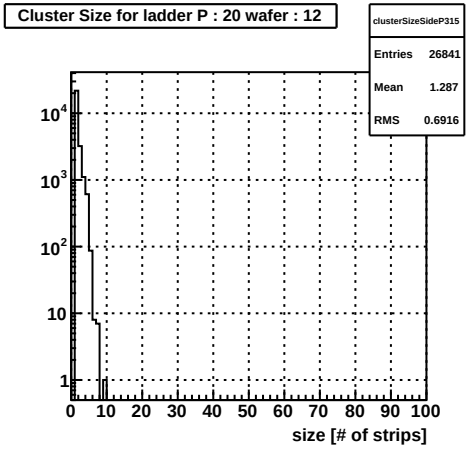

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 8161
Mean 1.137
RMS 0.4208
size [# of strips]

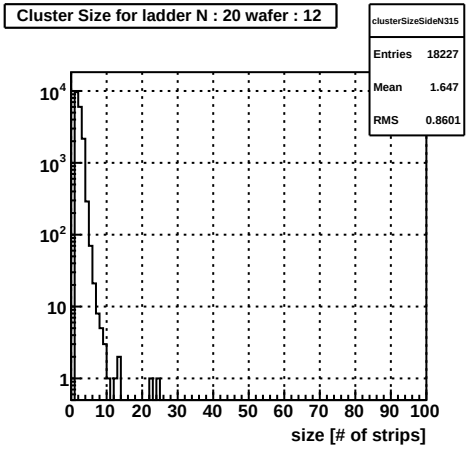

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 20770
Mean 1.438
RMS 0.7537
size [# of strips]

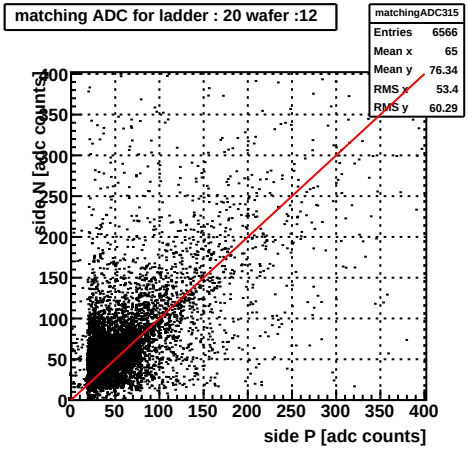

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2564
Mean x 70.47
Mean y 95.54
RMS x 49.59
RMS y 69.18
side N [adc counts]
side P [adc counts]

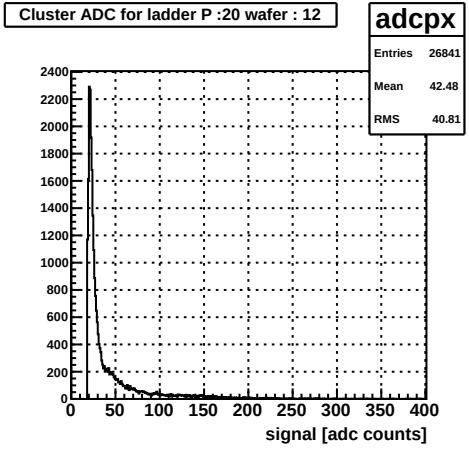

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 8161
Mean 47.67
RMS 35.63
signal [adc counts]

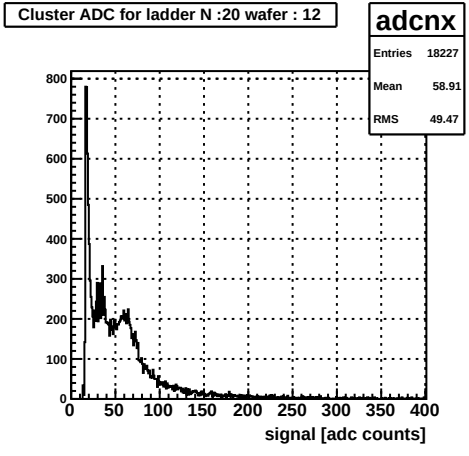

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 20770
Mean 59.21
RMS 51.76
signal [adc counts]

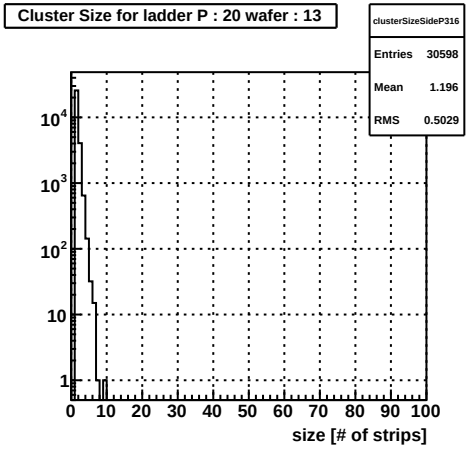

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 26841
Mean 1.287
RMS 0.6916
size [# of strips]

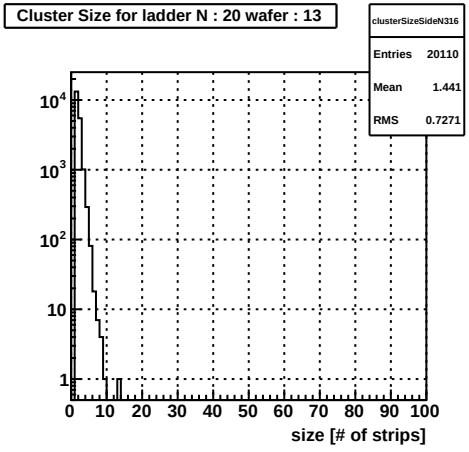

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 18227
Mean 1.647
RMS 0.8601
size [# of strips]

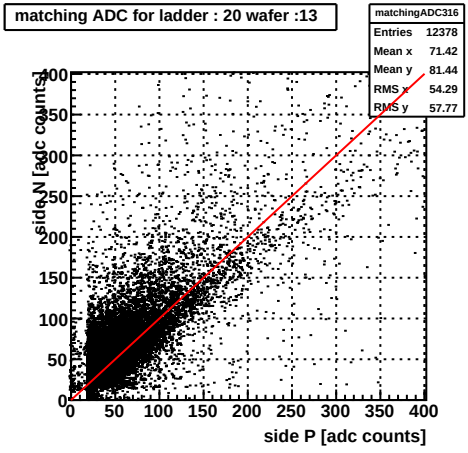

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 6566
Mean x 65
Mean y 76.34
RMS x 53.4
RMS y 60.29
side N [adc counts]
side P [adc counts]

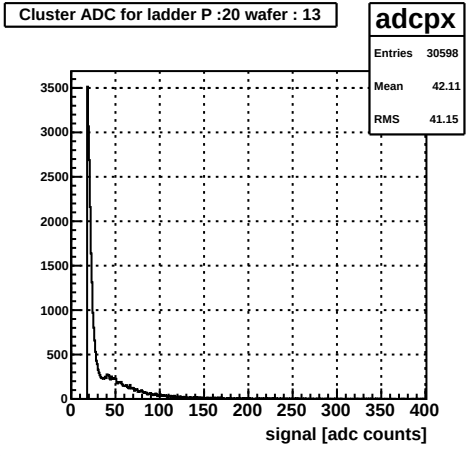

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 26841
Mean 42.48
RMS 40.81
signal [adc counts]

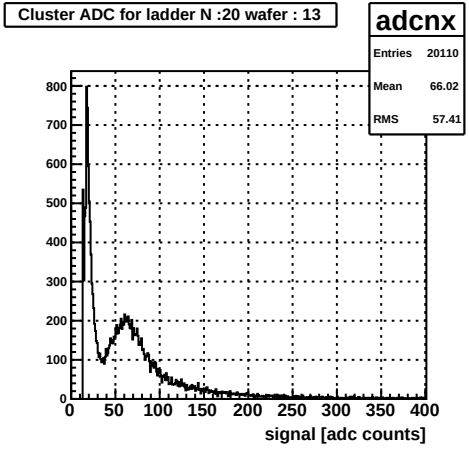

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 18227
Mean 58.91
RMS 49.47
signal [adc counts]

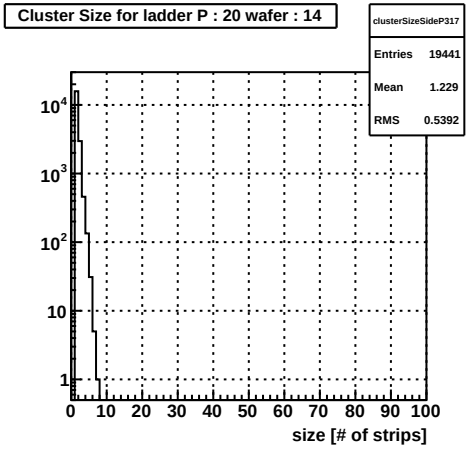

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 30598
Mean 1.196
RMS 0.5029
size [# of strips]

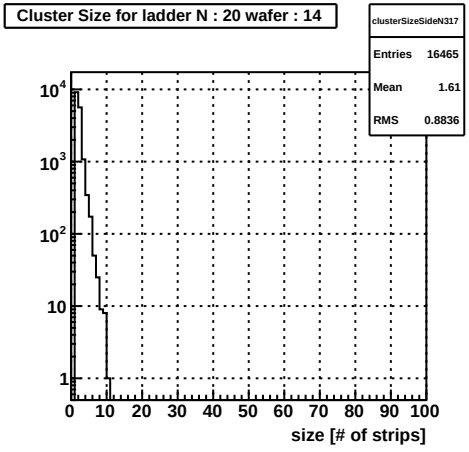

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 20110
Mean 1.441
RMS 0.7271
size [# of strips]

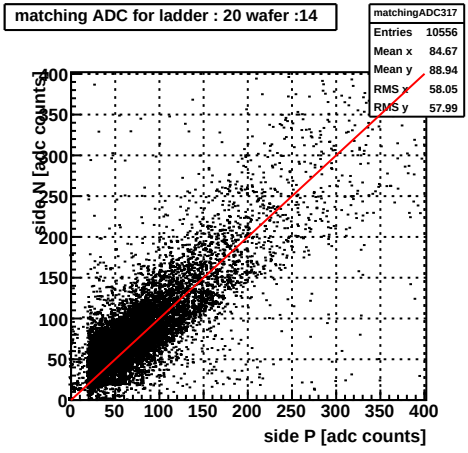

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 12378
Mean x 71.42
Mean y 81.44
RMS x 54.29
RMS y 57.77
side N [adc counts]
side P [adc counts]

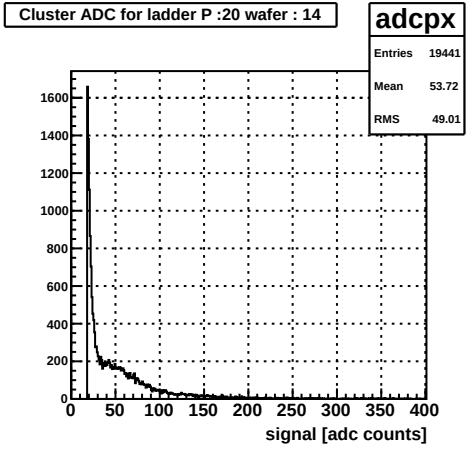

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 30598
Mean 42.11
RMS 41.15
signal [adc counts]

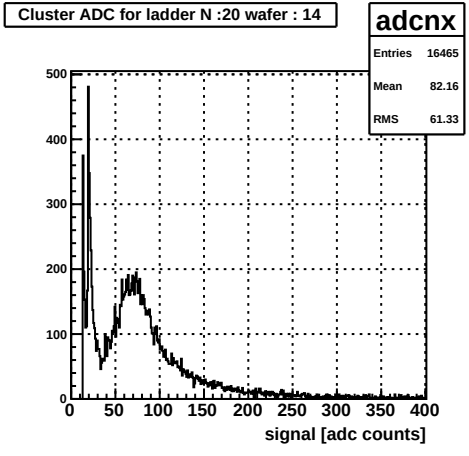

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 20110
Mean 66.02
RMS 57.41
signal [adc counts]

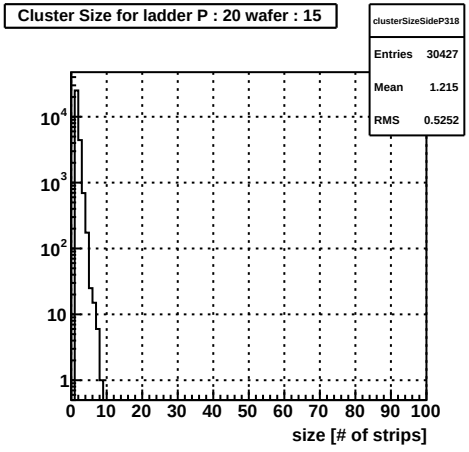

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 19441
Mean 1.229
RMS 0.5392
size [# of strips]

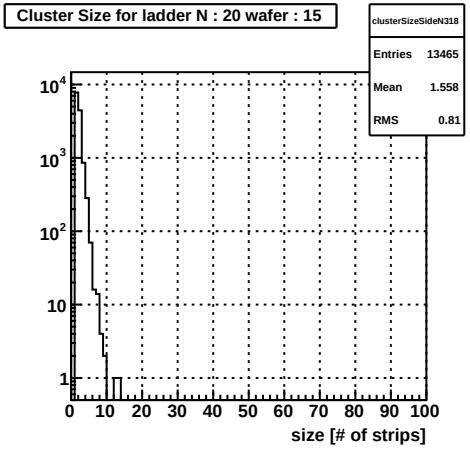

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 16465
Mean 1.61
RMS 0.8836
size [# of strips]

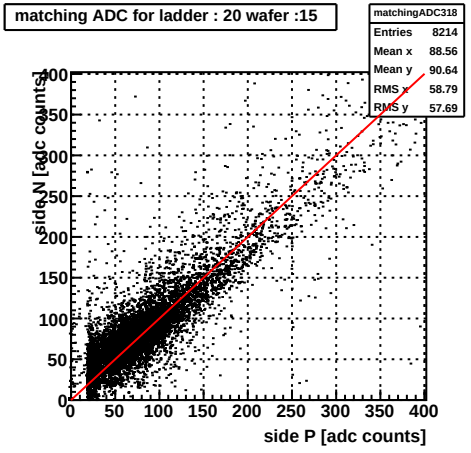

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 10556
Mean x 84.67
Mean y 88.94
RMS x 58.05
RMS y 57.99
side N [adc counts]
side P [adc counts]

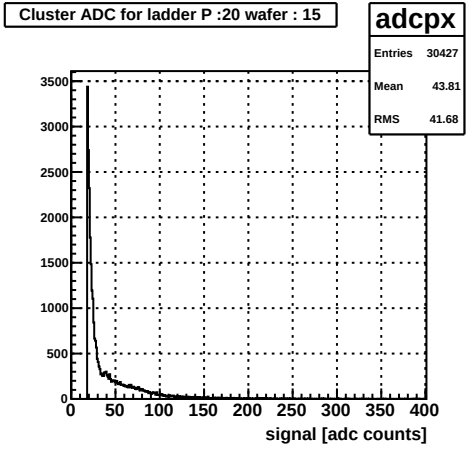

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 19441
Mean 53.72
RMS 49.01
signal [adc counts]

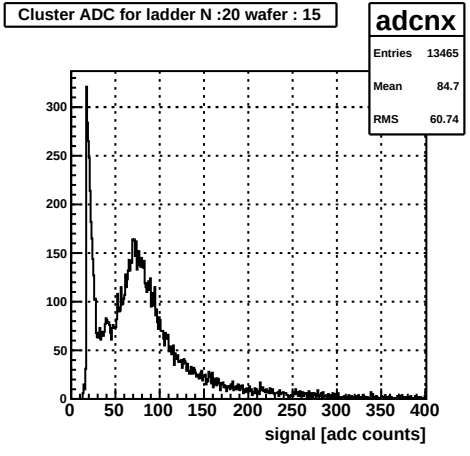

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 16465
Mean 82.16
RMS 61.33
signal [adc counts]

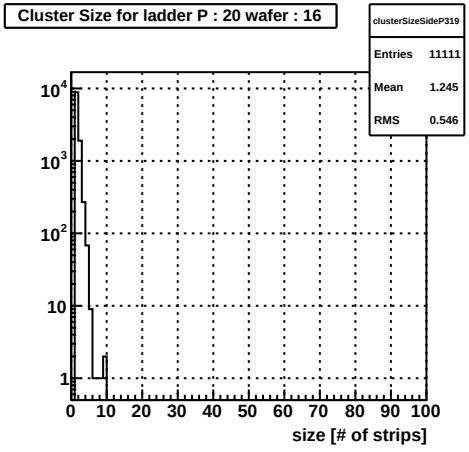

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 30427
Mean 1.215
RMS 0.5252
size [# of strips]

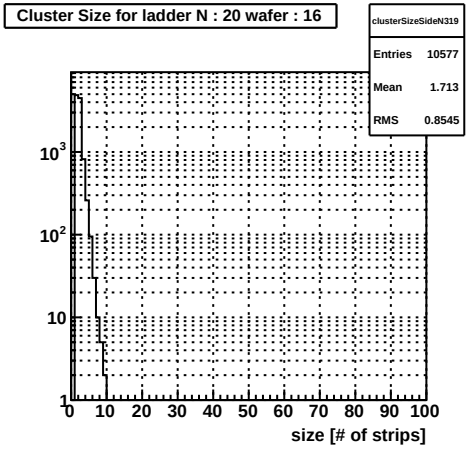

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 13465
Mean 1.558
RMS 0.81
size [# of strips]

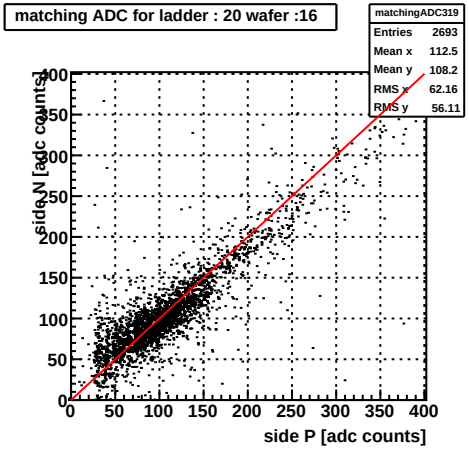

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 8214
Mean x 88.56
Mean y 90.64
RMS x 58.79
RMS y 57.69
side N [adc counts]
side P [adc counts]

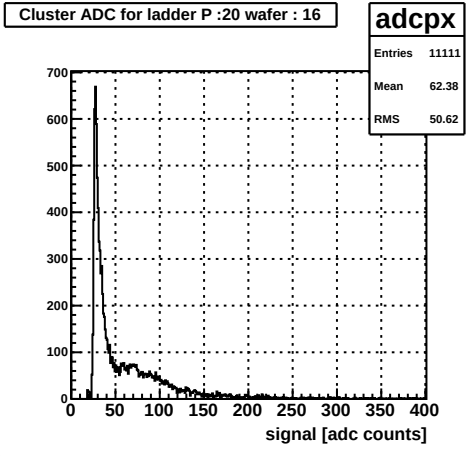

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 30427
Mean 43.81
RMS 41.68
signal [adc counts]

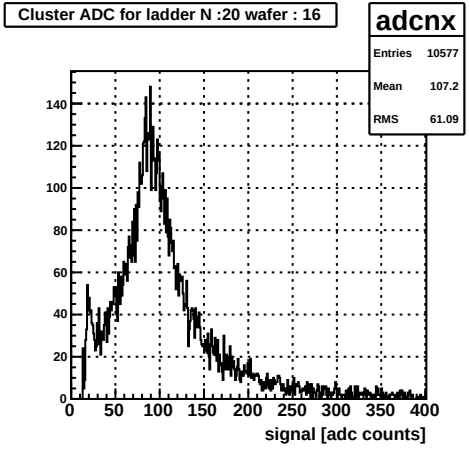

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 13465
Mean 84.7
RMS 60.74
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 11111
Mean 1.245
RMS 0.546
size [# of strips]

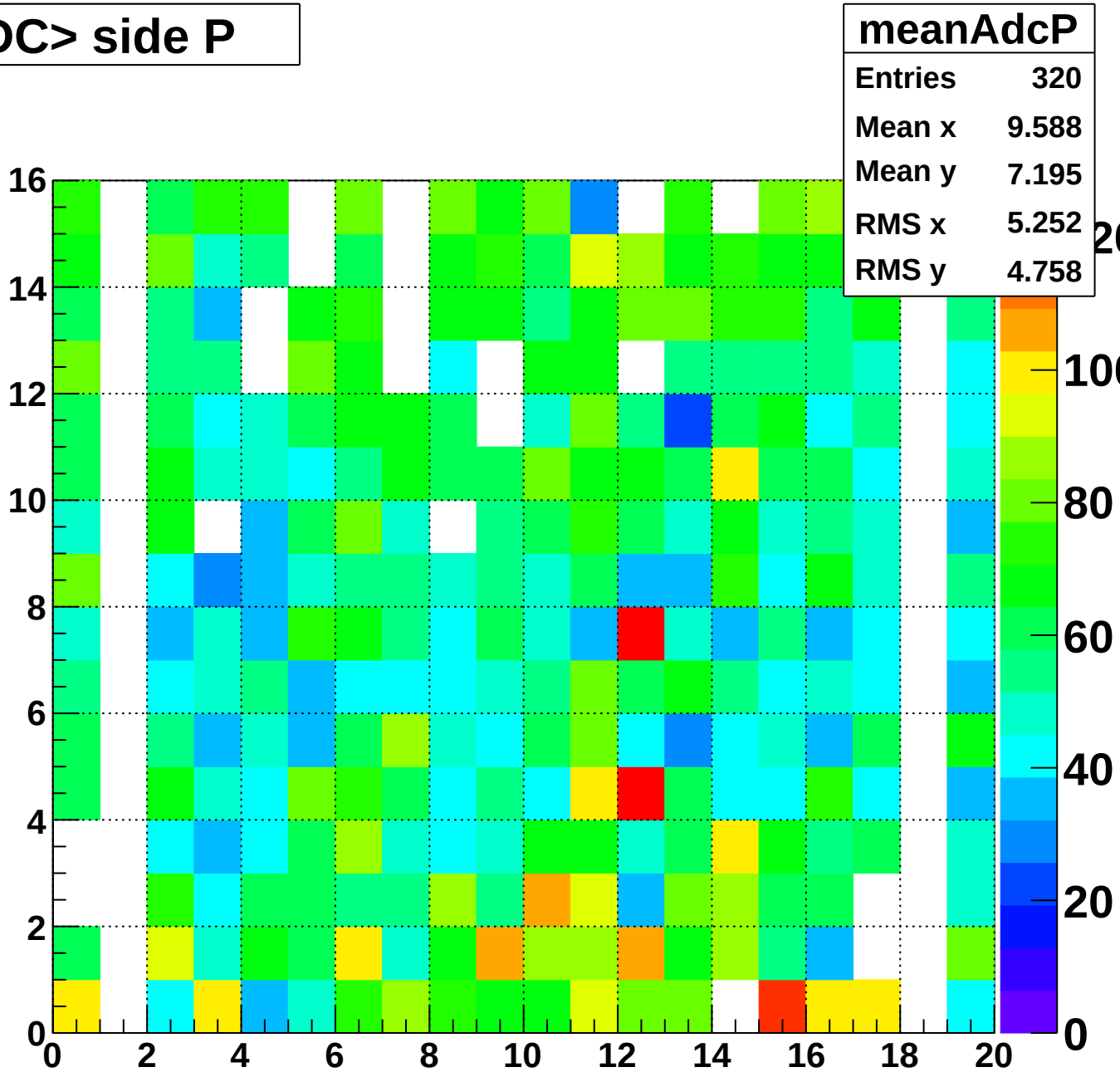

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 10577
Mean 1.713
RMS 0.8545
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2693
Mean x 112.5
Mean y 108.2
RMS x 62.16
RMS y 56.11
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 11111
Mean 62.38
RMS 50.62
signal [adc counts]

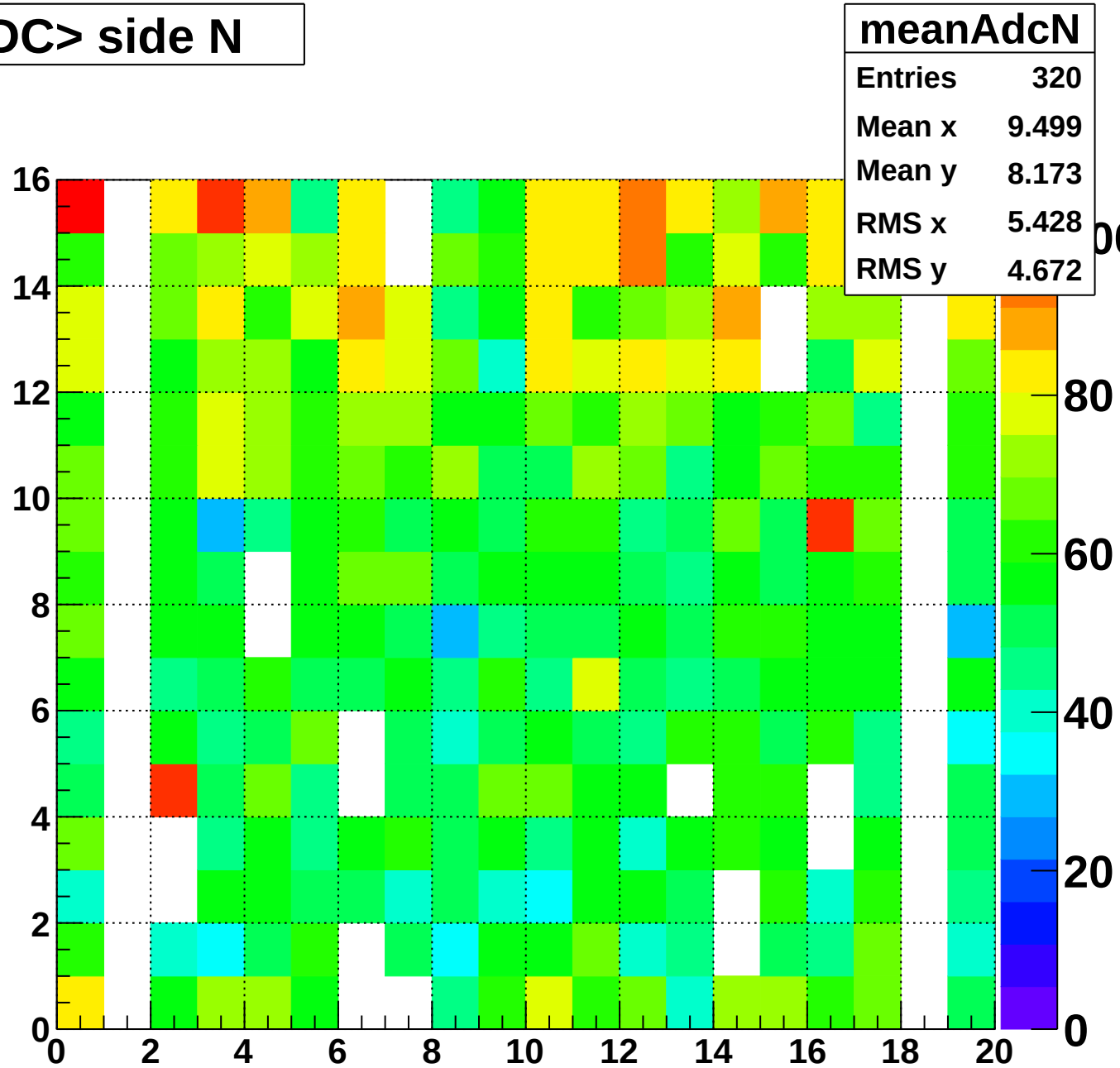

Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 10577
Mean 107.2
RMS 61.09
signal [adc counts]

<ADC> side P



2016-06-26 11:52:12

<ADC> side N



2016-06-26 11:52:12