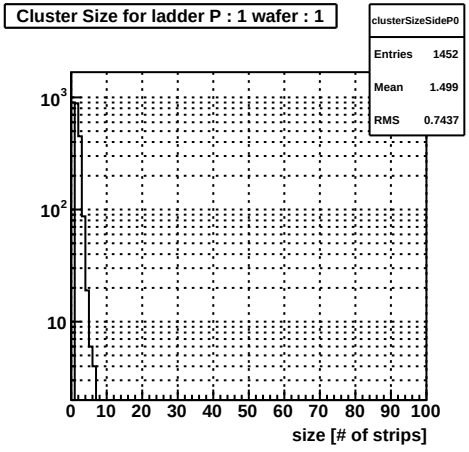
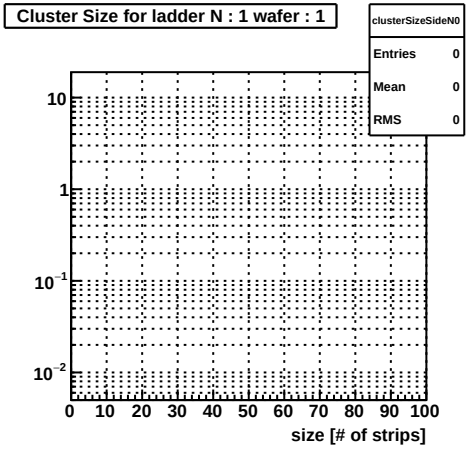
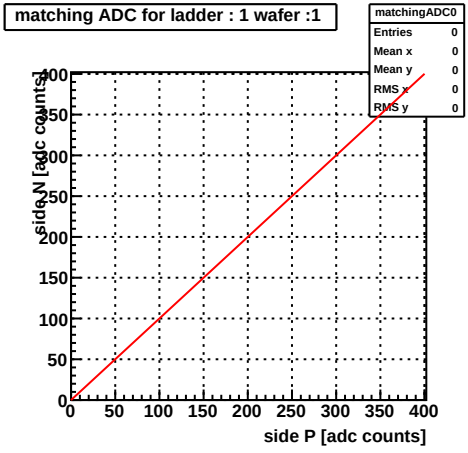
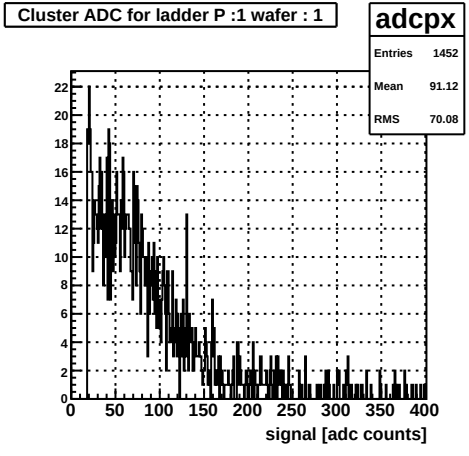
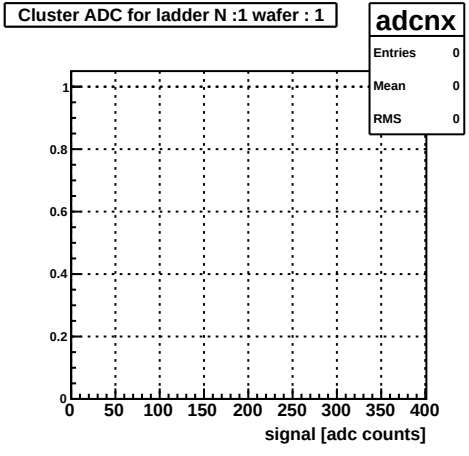
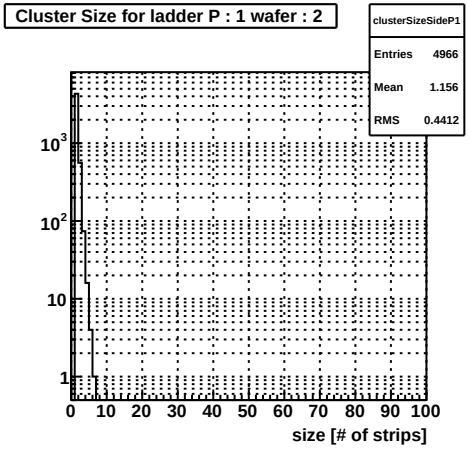

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1452
Mean 1.499
RMS 0.7437
size [# of strips]

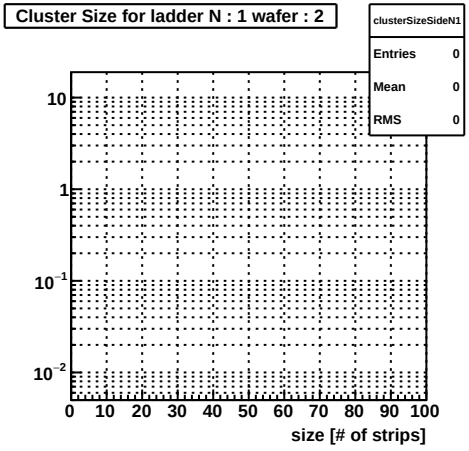

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

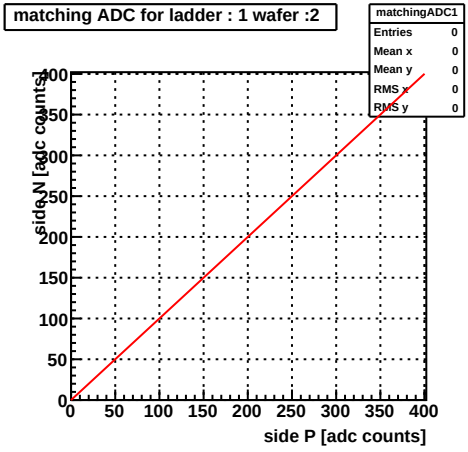

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

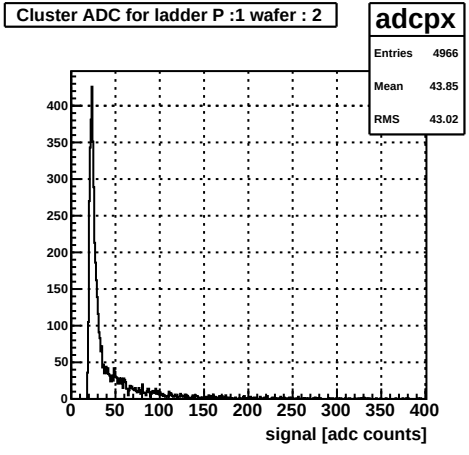

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1452
Mean 91.12
RMS 70.08
signal [adc counts]

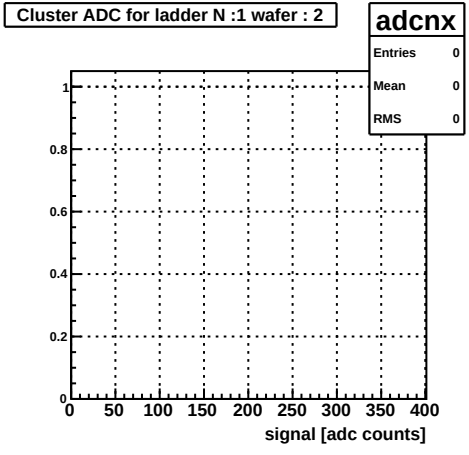

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

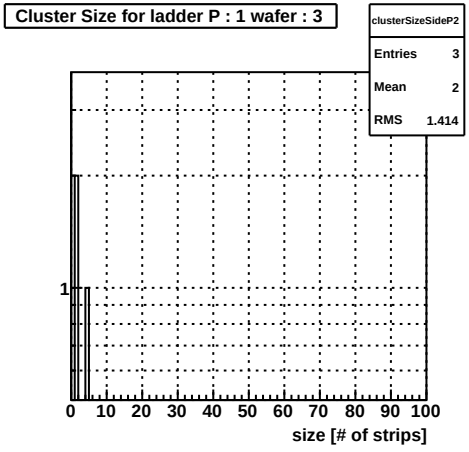

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4966
Mean 1.156
RMS 0.4412
size [# of strips]

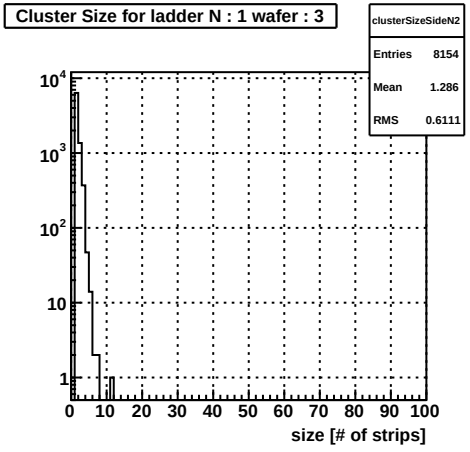

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

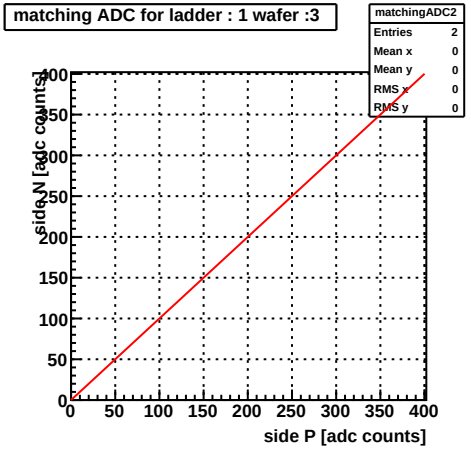

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

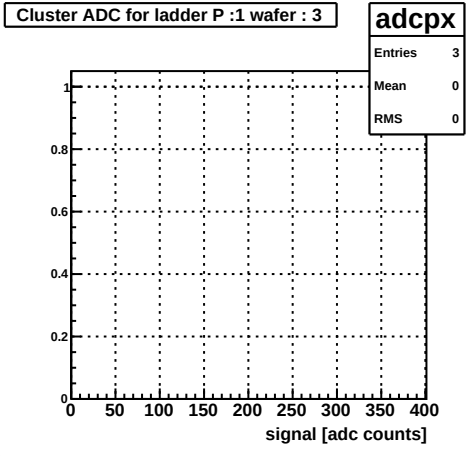

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4966
Mean 43.85
RMS 43.02
signal [adc counts]

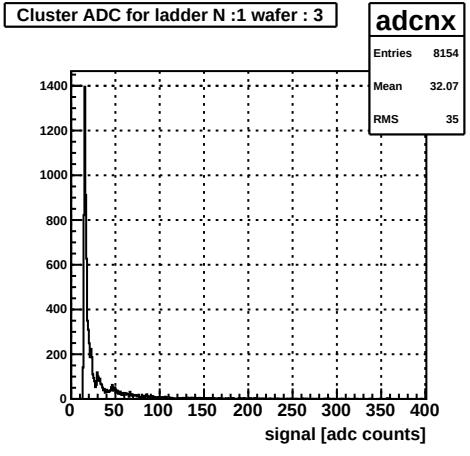

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

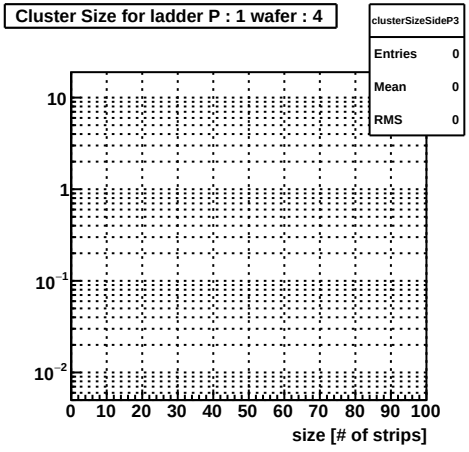

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 3
Mean 2
RMS 1.414
size [# of strips]

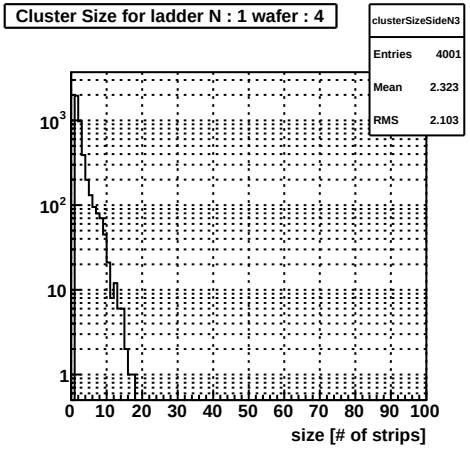

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8154
Mean 1.286
RMS 0.6111
size [# of strips]

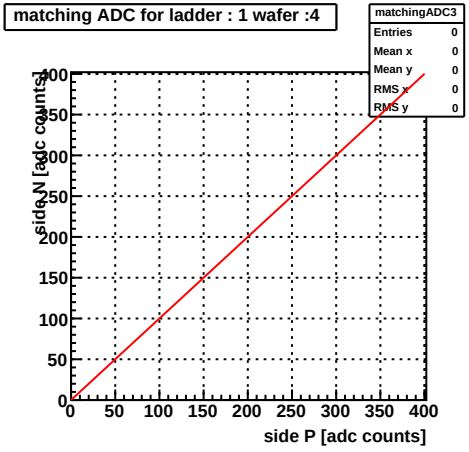

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

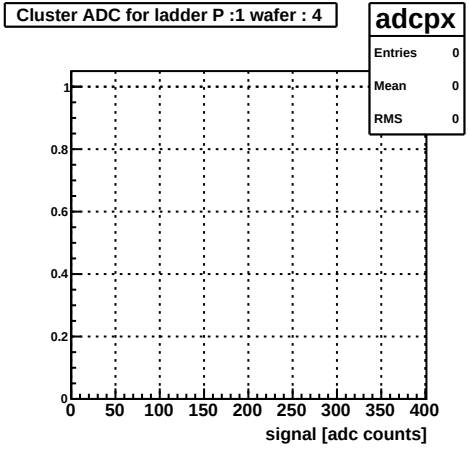

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

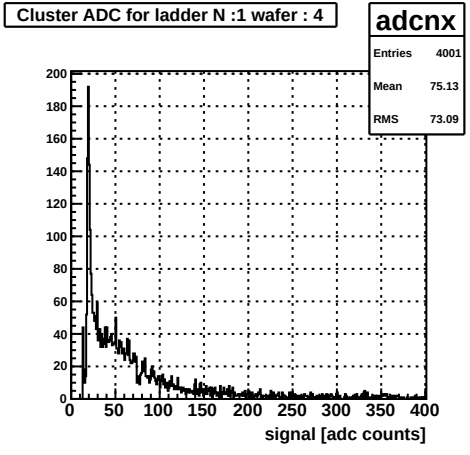

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8154
Mean 32.07
RMS 35
signal [adc counts]

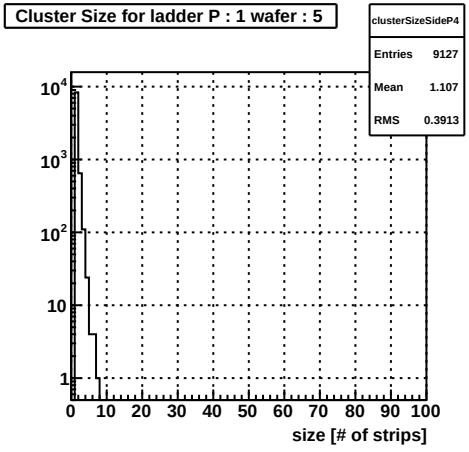

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

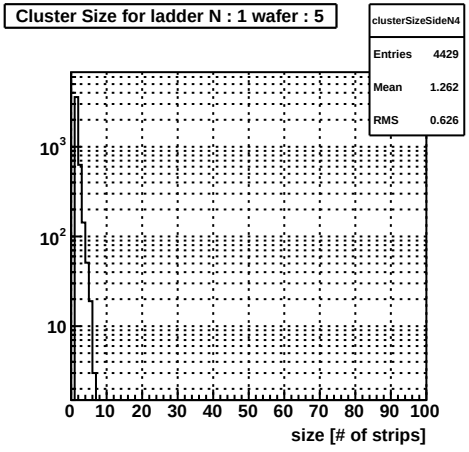

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 4001
Mean 2.323
RMS 2.103
size [# of strips]

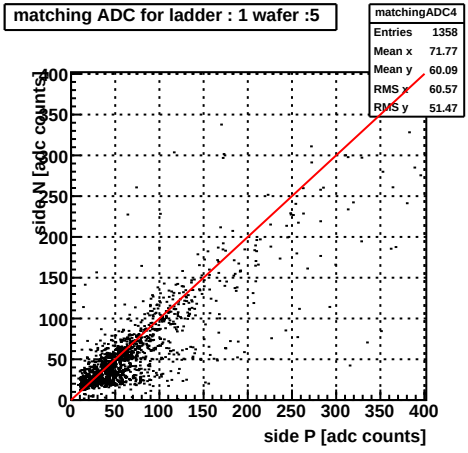

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

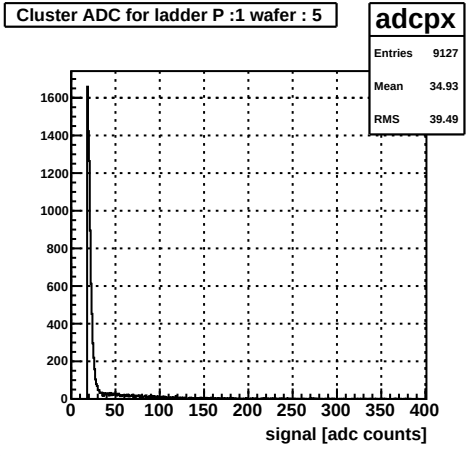

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

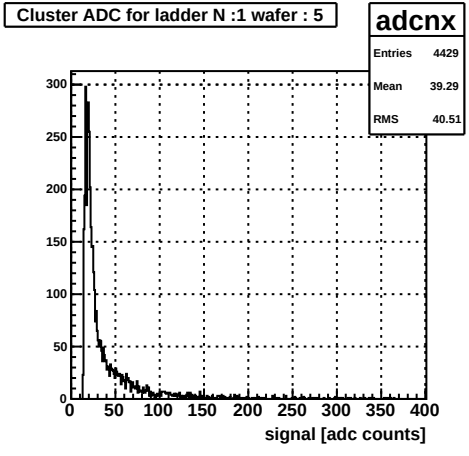

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 4001
Mean 75.13
RMS 73.09
signal [adc counts]

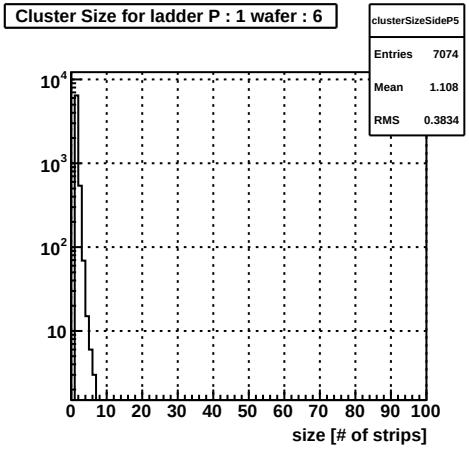

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 9127
Mean 1.107
RMS 0.3913
size [# of strips]

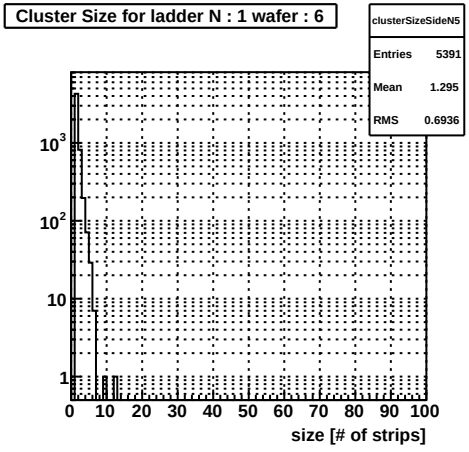

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4429
Mean 1.262
RMS 0.626
size [# of strips]

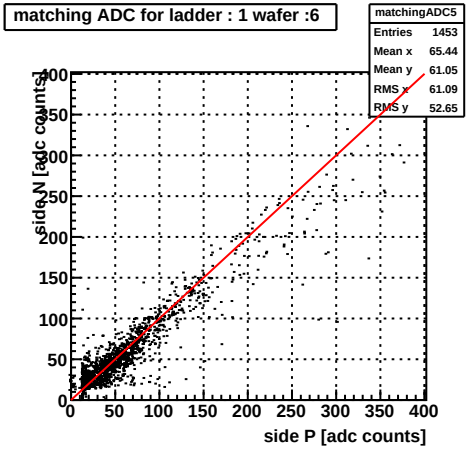

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1358
Mean x 71.77
Mean y 60.09
RMS x 60.57
RMS y 51.47
side N [adc counts]
side P [adc counts]

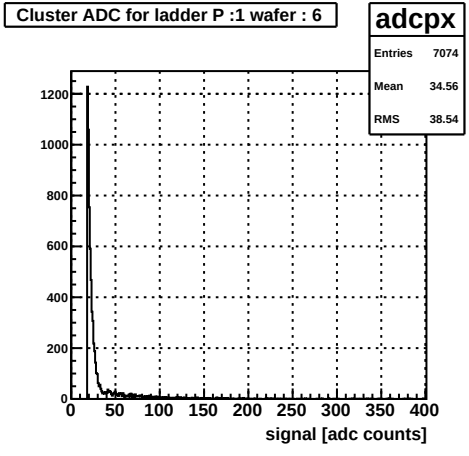

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 9127
Mean 34.93
RMS 39.49
signal [adc counts]

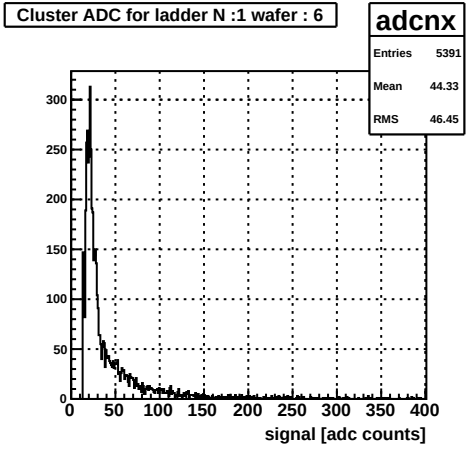

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4429
Mean 39.29
RMS 40.51
signal [adc counts]

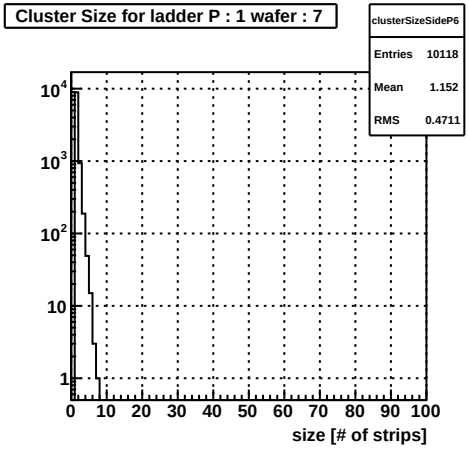

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7074
Mean 1.108
RMS 0.3834
size [# of strips]

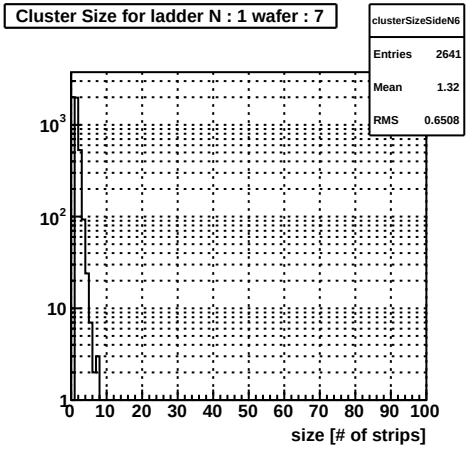

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 5391
Mean 1.295
RMS 0.6936
size [# of strips]

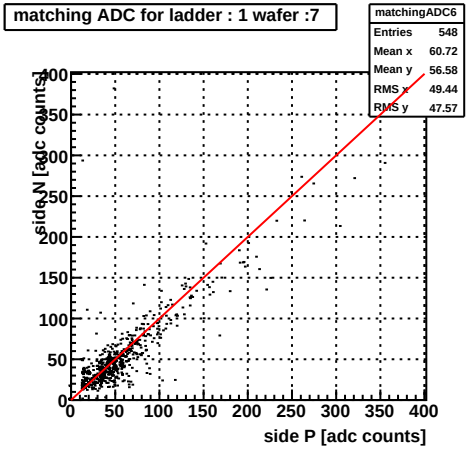

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1453
Mean x 65.44
Mean y 61.05
RMS x 61.09
RMS y 52.65
side N [adc counts]
side P [adc counts]

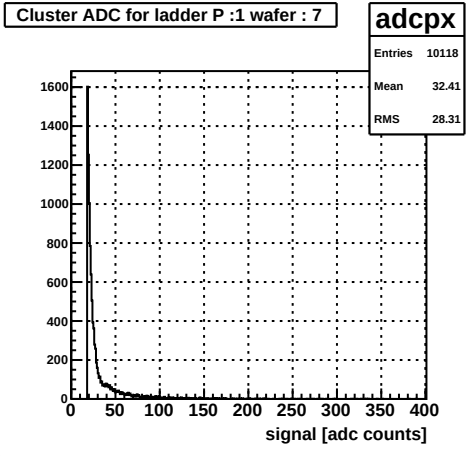

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7074
Mean 34.56
RMS 38.54
signal [adc counts]

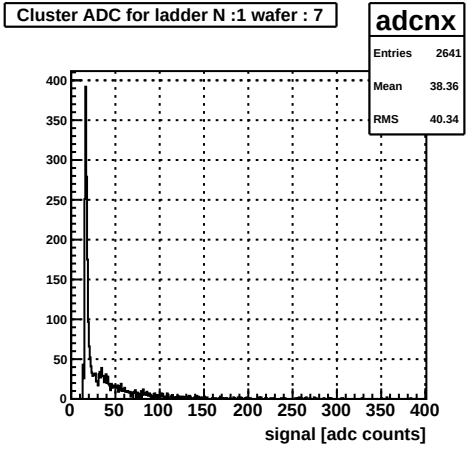

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 5391
Mean 44.33
RMS 46.45
signal [adc counts]

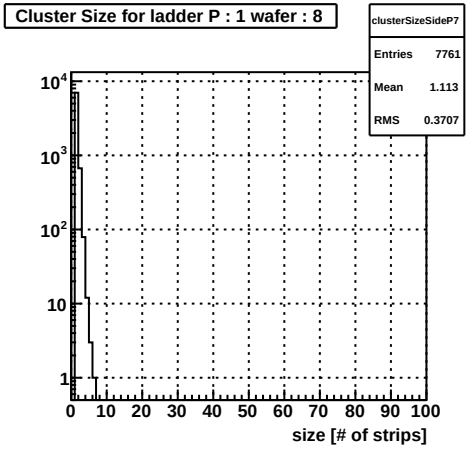

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10118
Mean 1.152
RMS 0.4711
size [# of strips]

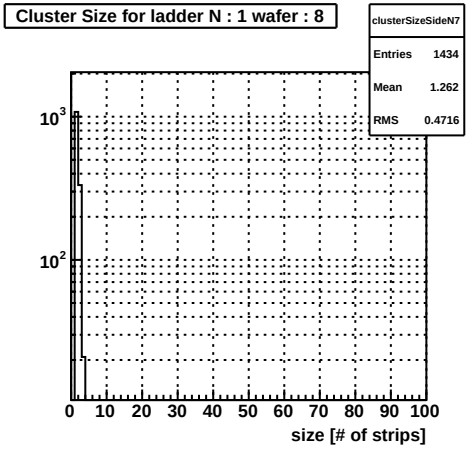

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2641
Mean 1.32
RMS 0.6508
size [# of strips]

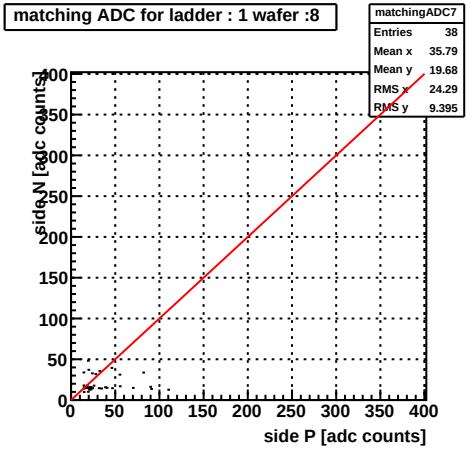

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 548
Mean x 60.72
Mean y 56.58
RMS x 49.44
RMS y 47.57
side N [adc counts]
side P [adc counts]

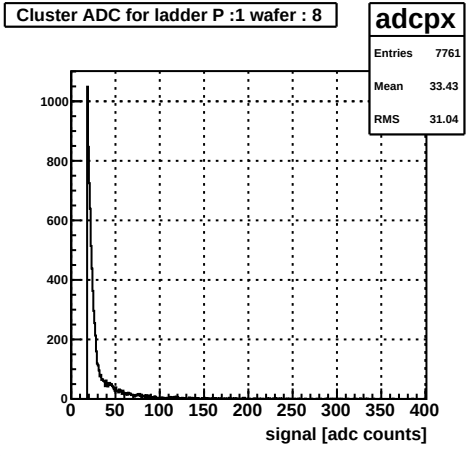

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10118
Mean 32.41
RMS 28.31
signal [adc counts]

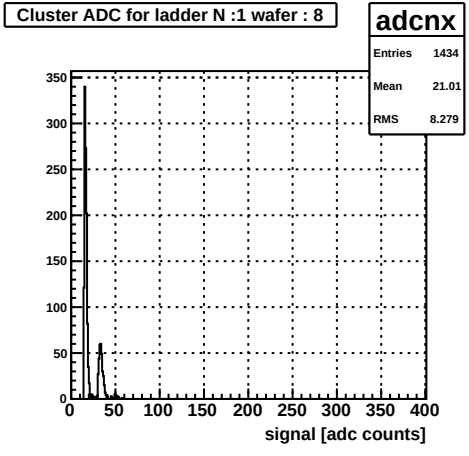

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2641
Mean 38.36
RMS 40.34
signal [adc counts]

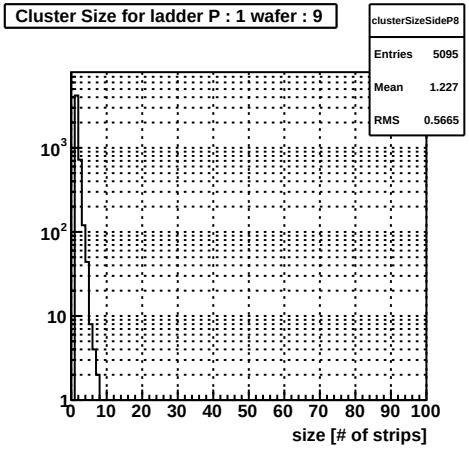

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 7761
Mean 1.113
RMS 0.3707
size [# of strips]

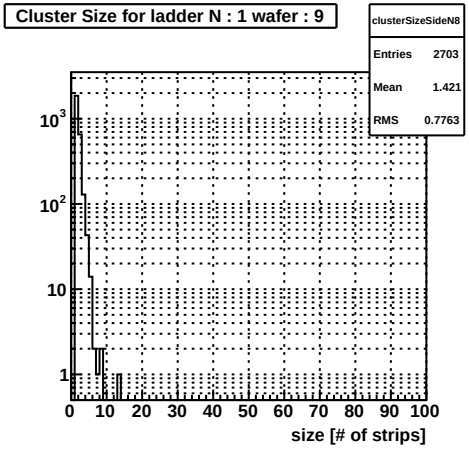

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1434
Mean 1.262
RMS 0.4716
size [# of strips]

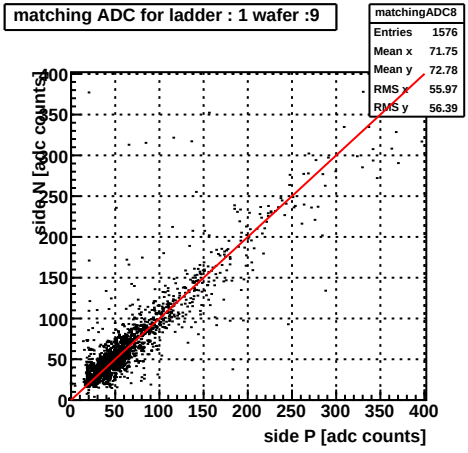

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 38
Mean x 35.79
Mean y 19.68
RMS x 24.29
RMS y 9.395
side N [adc counts]
side P [adc counts]

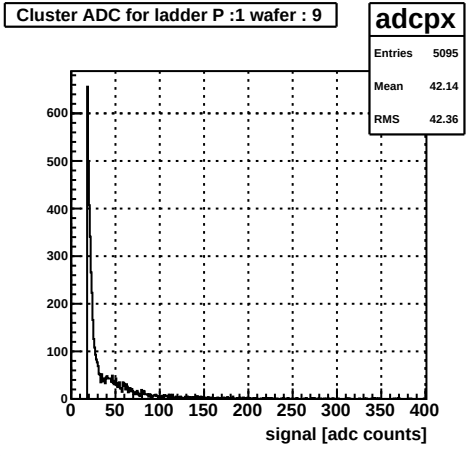

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 7761
Mean 33.43
RMS 31.04
signal [adc counts]

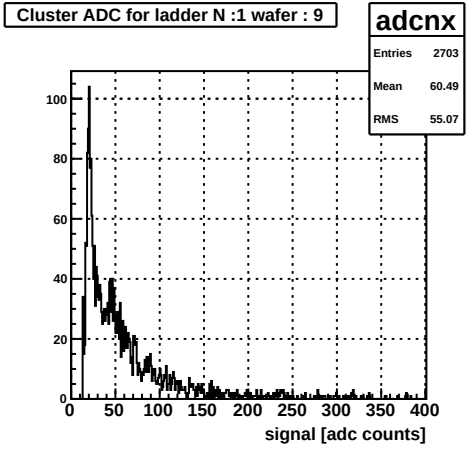

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1434
Mean 21.01
RMS 8.279
signal [adc counts]

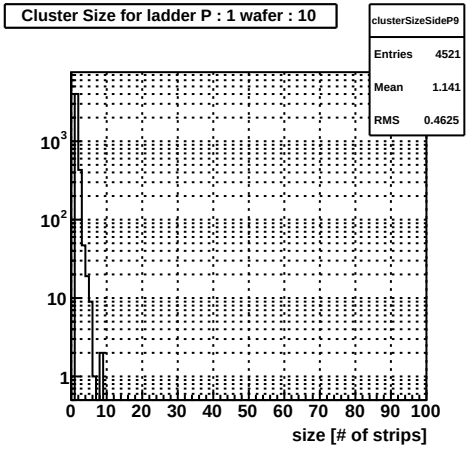

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5095
Mean 1.227
RMS 0.5665
size [# of strips]

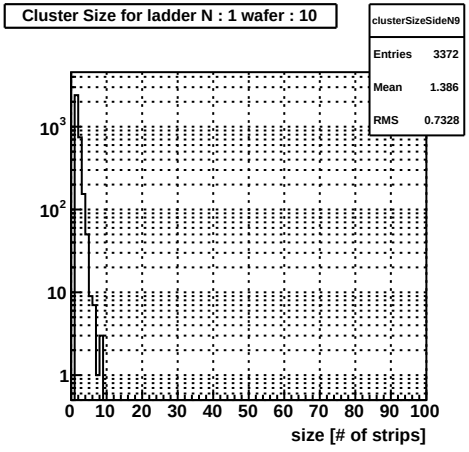

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2703
Mean 1.421
RMS 0.7763
size [# of strips]

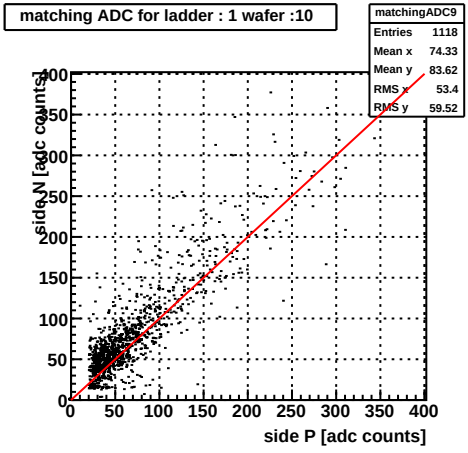

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1576
Mean x 71.75
Mean y 72.78
RMS x 55.97
RMS y 56.39
side N [adc counts]
side P [adc counts]

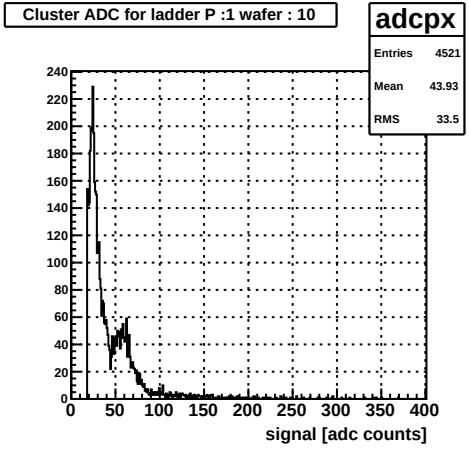

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5095
Mean 42.14
RMS 42.36
signal [adc counts]

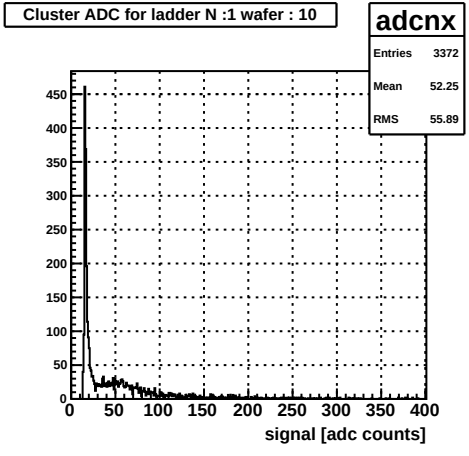

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2703
Mean 60.49
RMS 55.07
signal [adc counts]

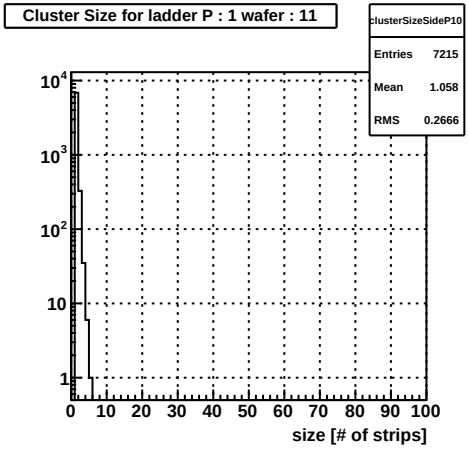

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4521
Mean 1.141
RMS 0.4625
size [# of strips]

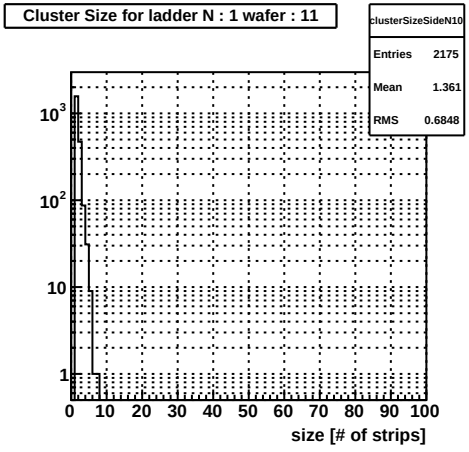

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3372
Mean 1.386
RMS 0.7328
size [# of strips]

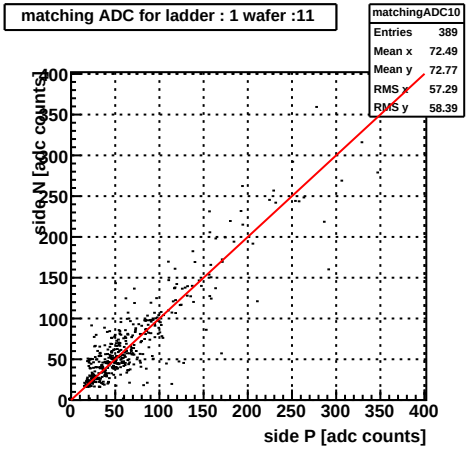

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1118
Mean x 74.33
Mean y 83.62
RMS x 53.4
RMS y 59.52
side N [adc counts]
side P [adc counts]

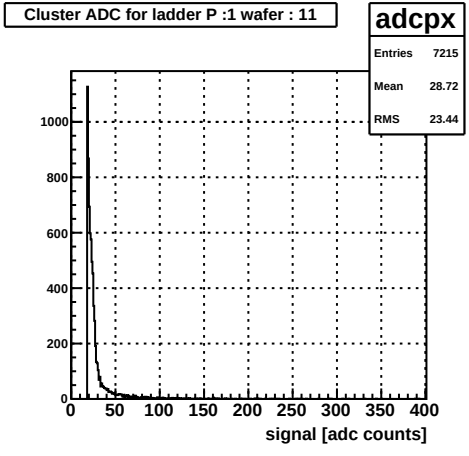

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4521
Mean 43.93
RMS 33.5
signal [adc counts]

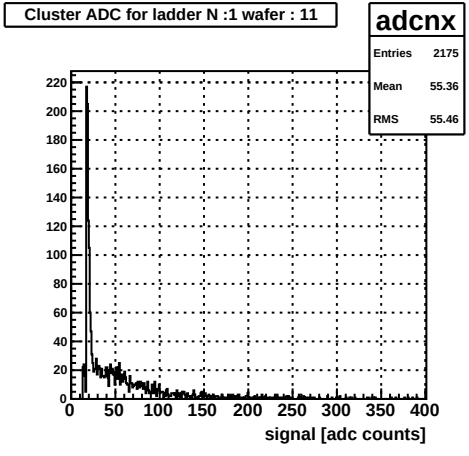

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3372
Mean 52.25
RMS 55.89
signal [adc counts]

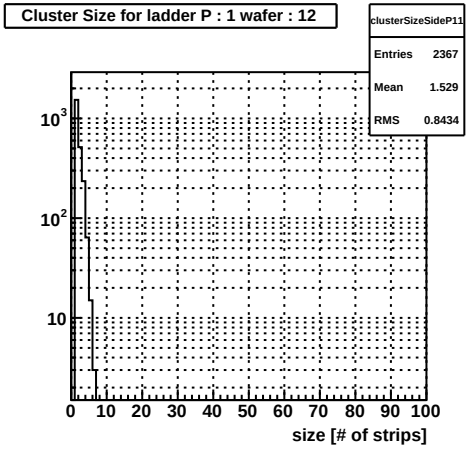

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7215
Mean 1.058
RMS 0.2666
size [# of strips]

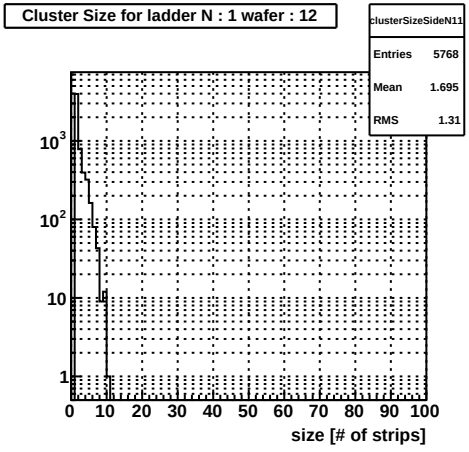

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2175
Mean 1.361
RMS 0.6848
size [# of strips]

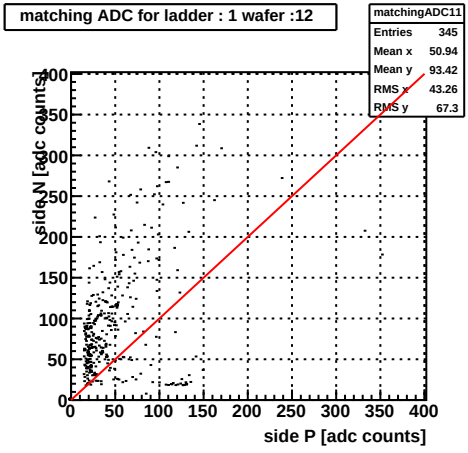

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 389
Mean x 72.49
Mean y 72.77
RMS x 57.29
RMS y 58.39
side N [adc counts]
side P [adc counts]

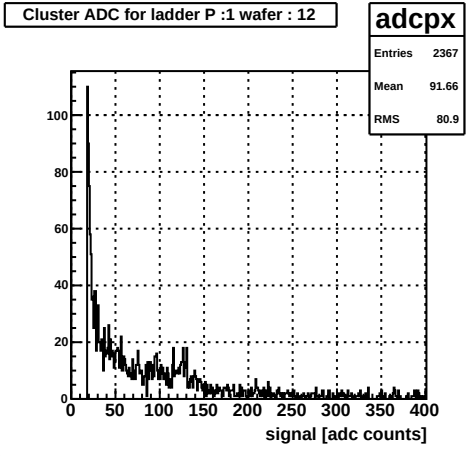

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7215
Mean 28.72
RMS 23.44
signal [adc counts]

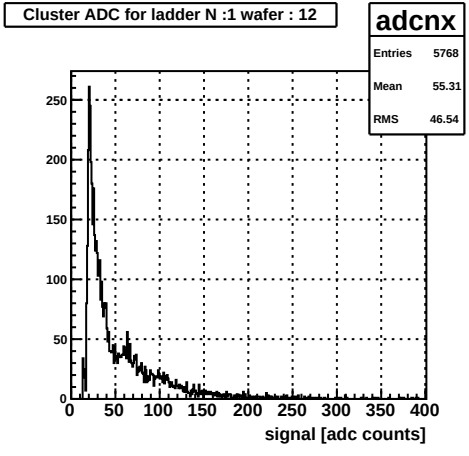

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2175
Mean 55.36
RMS 55.46
signal [adc counts]

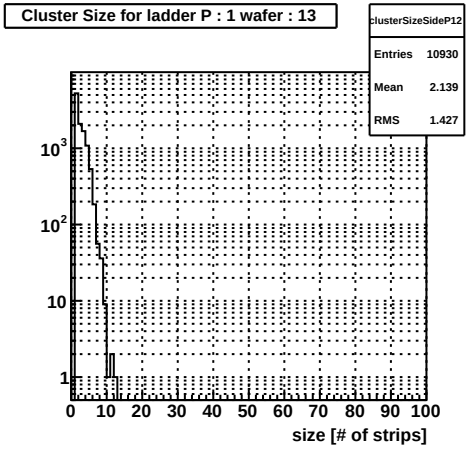

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2367
Mean 1.529
RMS 0.8434
size [# of strips]

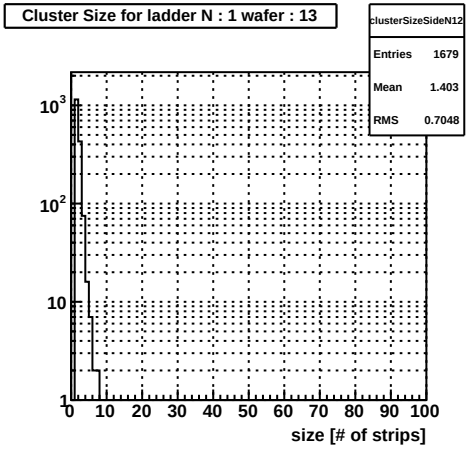

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 5768
Mean 1.695
RMS 1.31
size [# of strips]

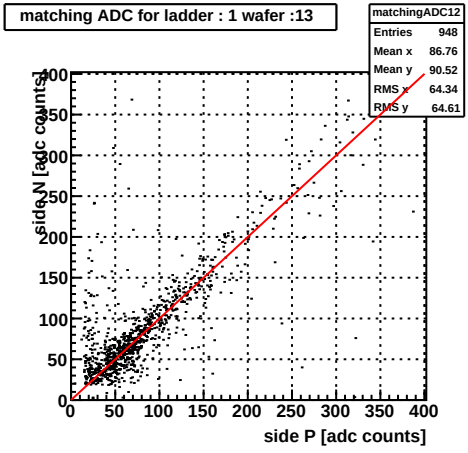

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 345
Mean x 50.94
Mean y 93.42
RMS x 43.26
RMS y 67.3
side N [adc counts]
side P [adc counts]

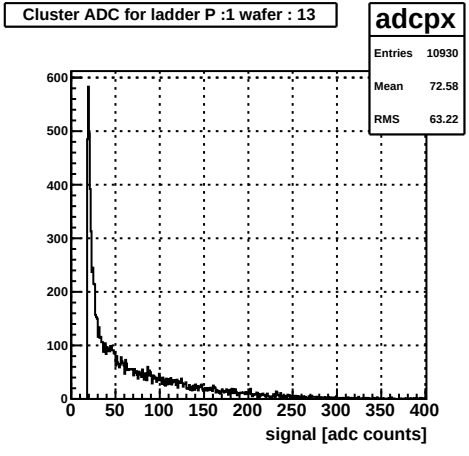

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2367
Mean 91.66
RMS 80.9
signal [adc counts]

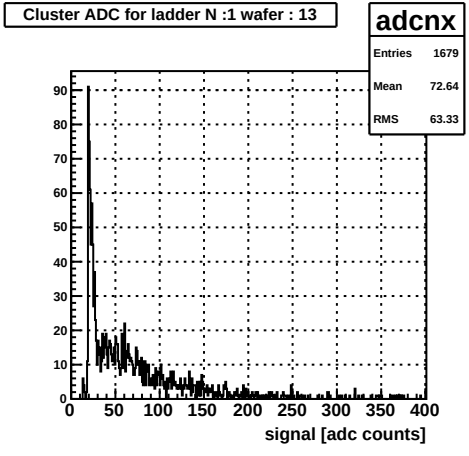

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 5768
Mean 55.31
RMS 46.54
signal [adc counts]

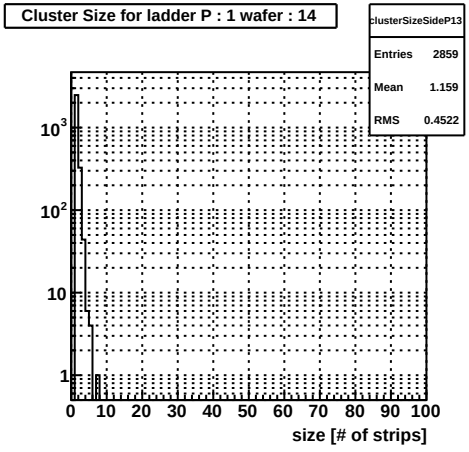

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 10930
Mean 2.139
RMS 1.427
size [# of strips]

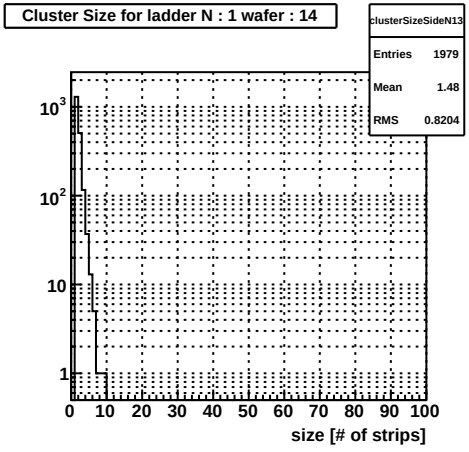

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1679
Mean 1.403
RMS 0.7048
size [# of strips]

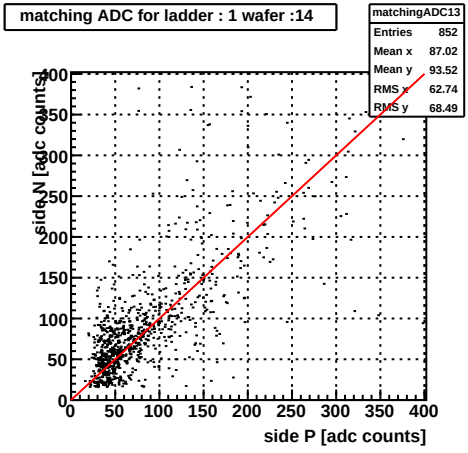

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 948
Mean x 86.76
Mean y 90.52
RMS x 64.34
RMS y 64.61
side N [adc counts]
side P [adc counts]

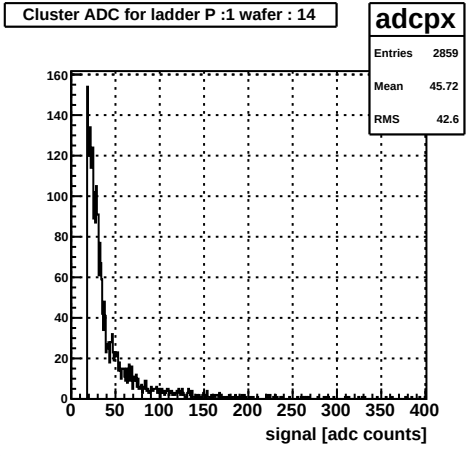

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 10930
Mean 72.58
RMS 63.22
signal [adc counts]

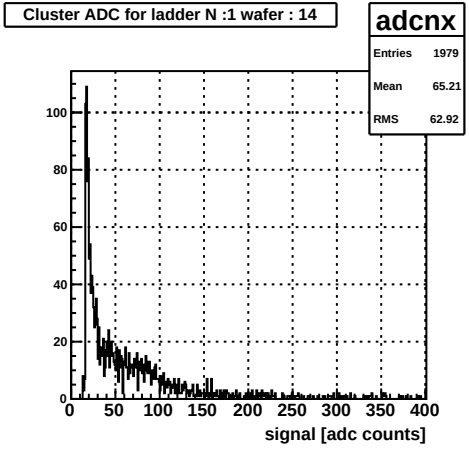

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1679
Mean 72.64
RMS 63.33
signal [adc counts]

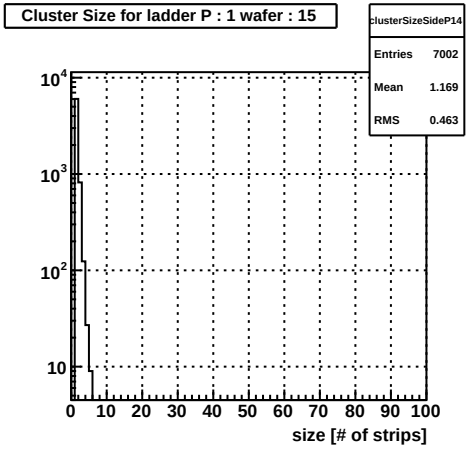

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2859
Mean 1.159
RMS 0.4522
size [# of strips]

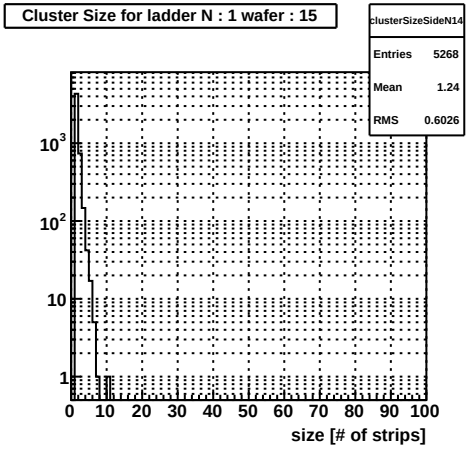

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1979
Mean 1.48
RMS 0.8204
size [# of strips]

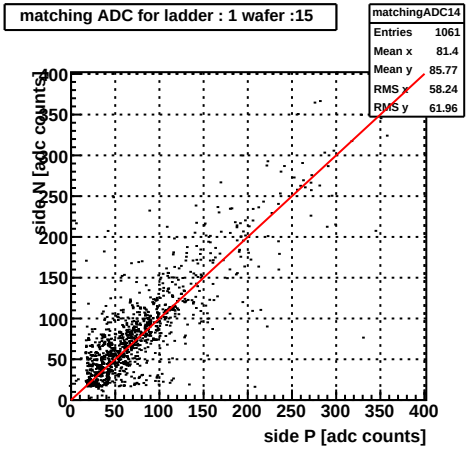

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 852
Mean x 87.02
Mean y 93.52
RMS x 62.74
RMS y 68.49
side N [adc counts]
side P [adc counts]

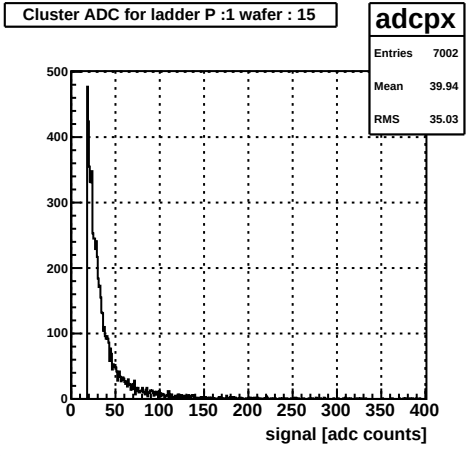

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2859
Mean 45.72
RMS 42.6
signal [adc counts]

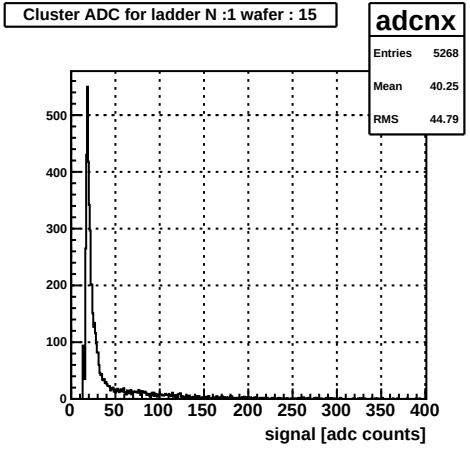

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1979
Mean 65.21
RMS 62.92
signal [adc counts]

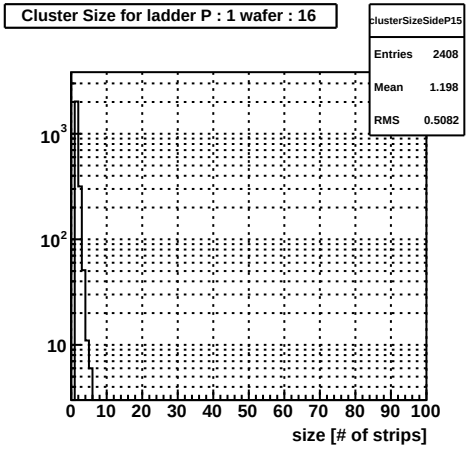

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7002
Mean 1.169
RMS 0.463
size [# of strips]

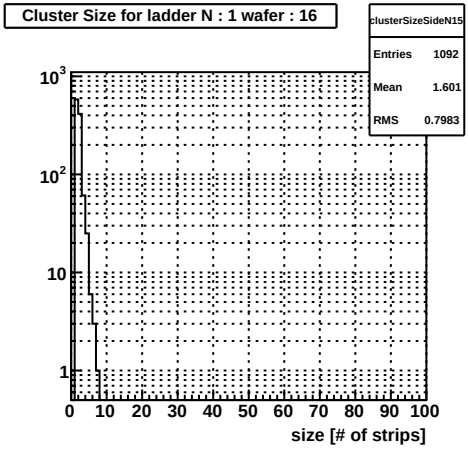

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5268
Mean 1.24
RMS 0.6026
size [# of strips]

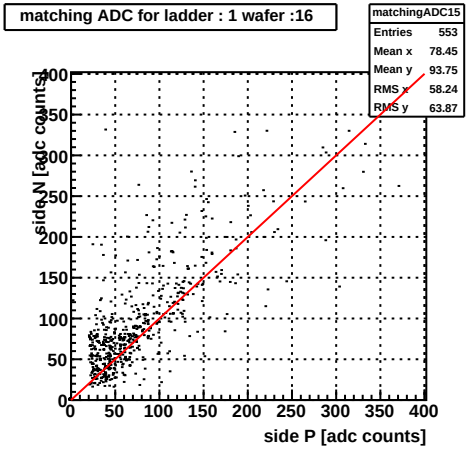

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1061
Mean x 81.4
Mean y 85.77
RMS x 58.24
RMS y 61.96
side N [adc counts]
side P [adc counts]

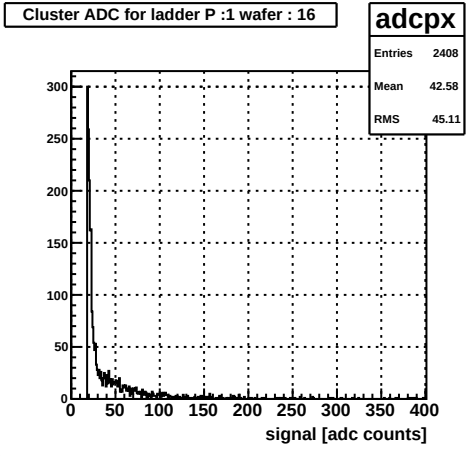

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7002
Mean 39.94
RMS 35.03
signal [adc counts]

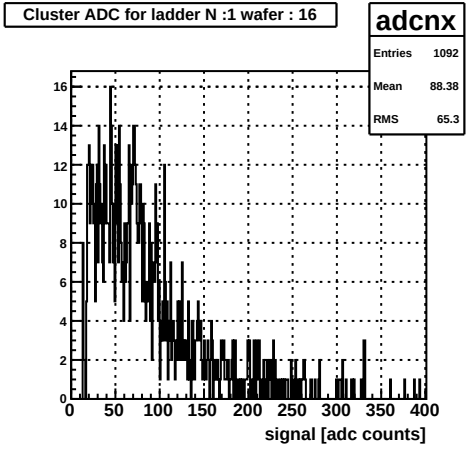

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5268
Mean 40.25
RMS 44.79
signal [adc counts]

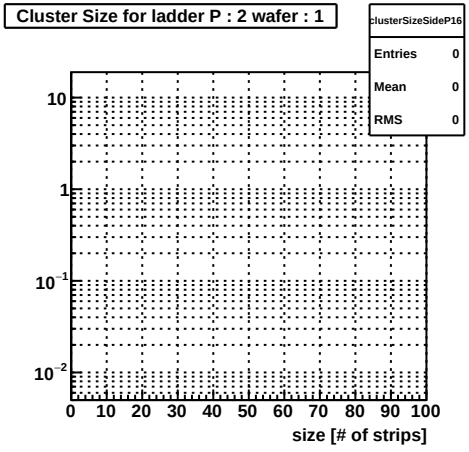

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2408
Mean 1.198
RMS 0.5082
size [# of strips]

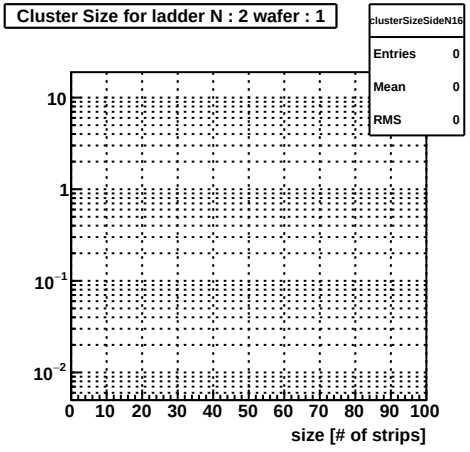

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1092
Mean 1.601
RMS 0.7983
size [# of strips]

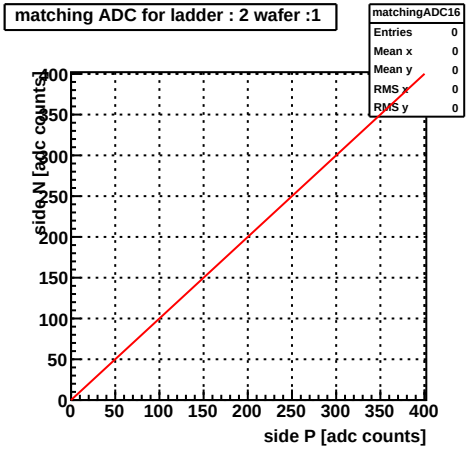

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 553
Mean x 78.45
Mean y 93.75
RMS x 58.24
RMS y 63.87
side N [adc counts]
side P [adc counts]

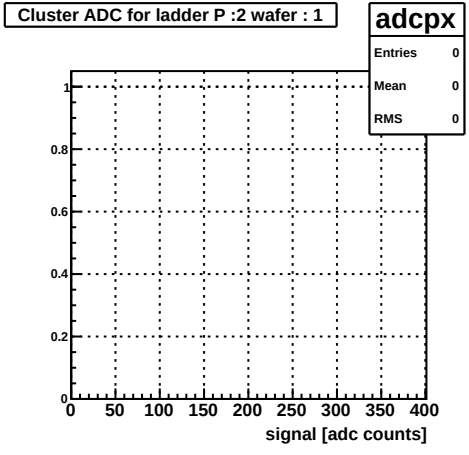

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2408
Mean 42.58
RMS 45.11
signal [adc counts]

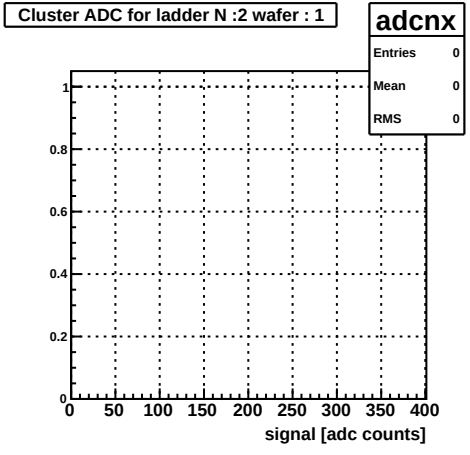

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1092
Mean 88.38
RMS 65.3
signal [adc counts]

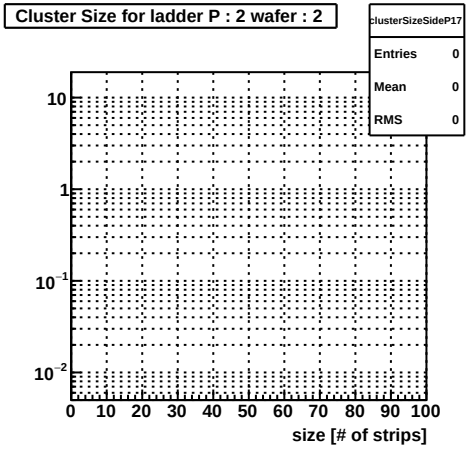

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

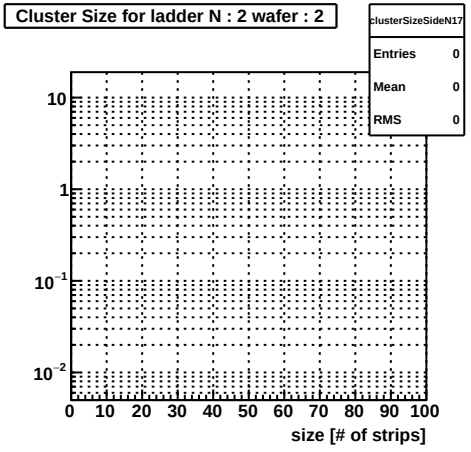

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

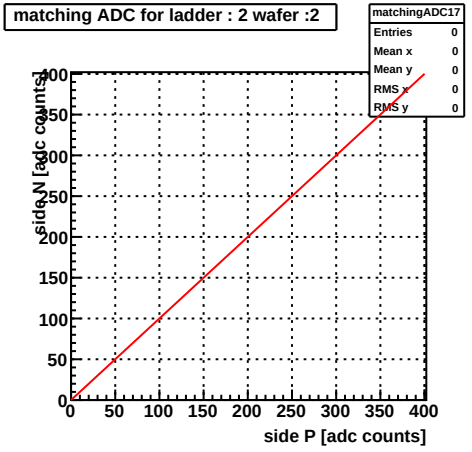

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

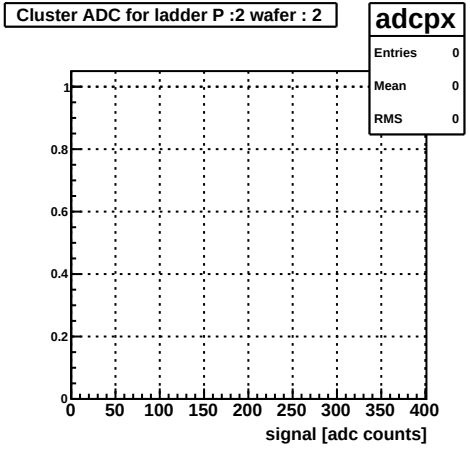

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

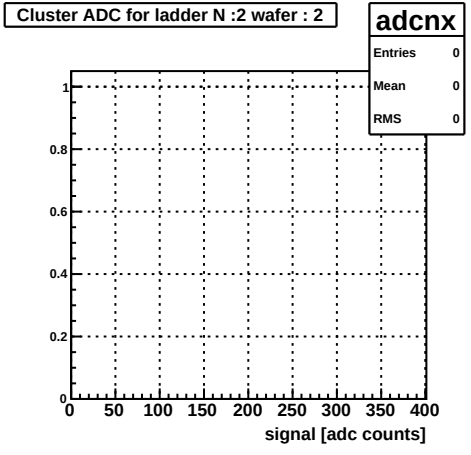

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

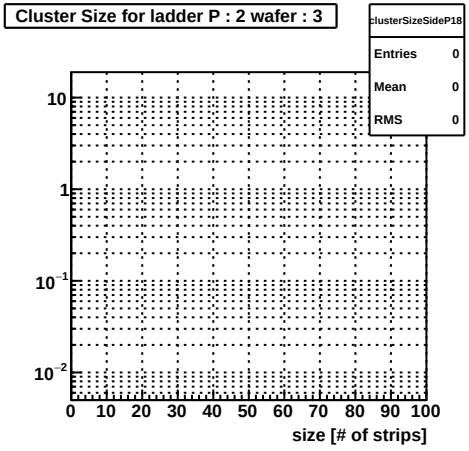

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

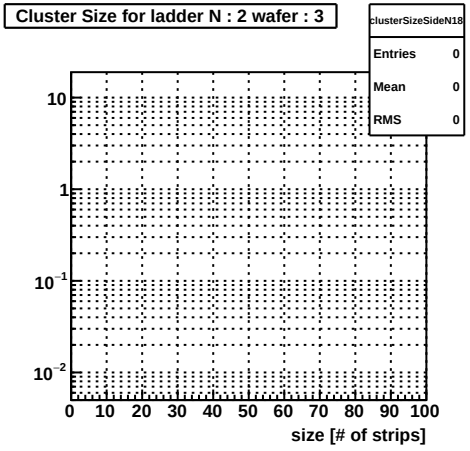

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

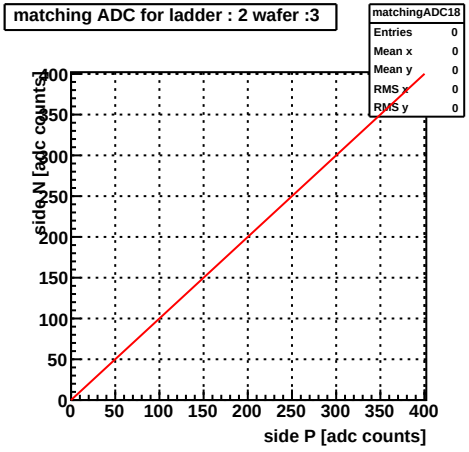

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

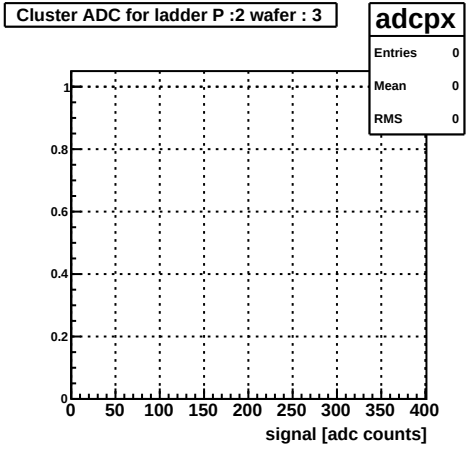

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

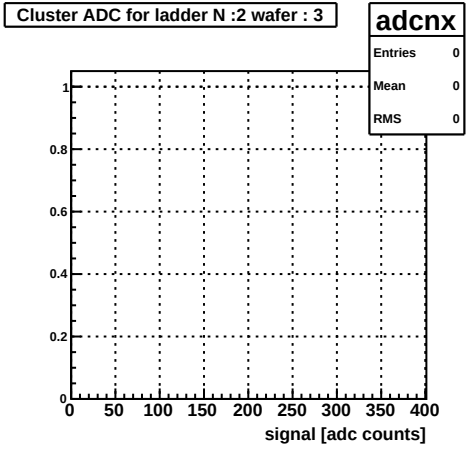

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

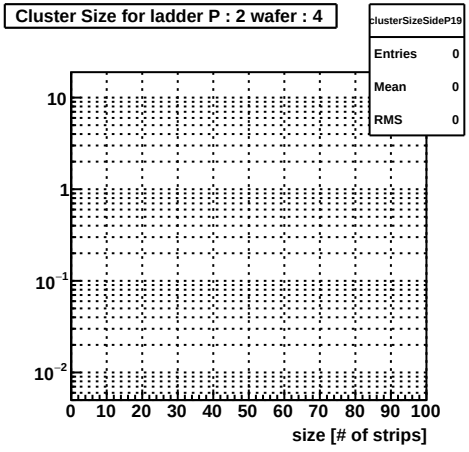

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

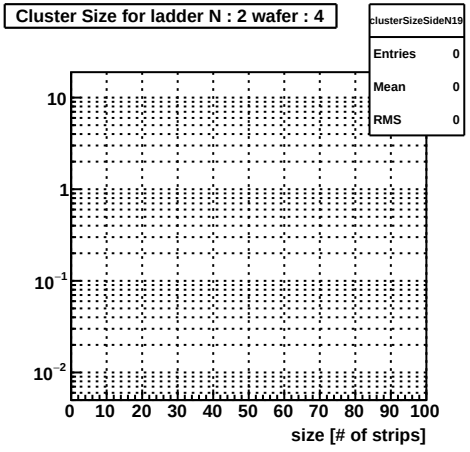

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

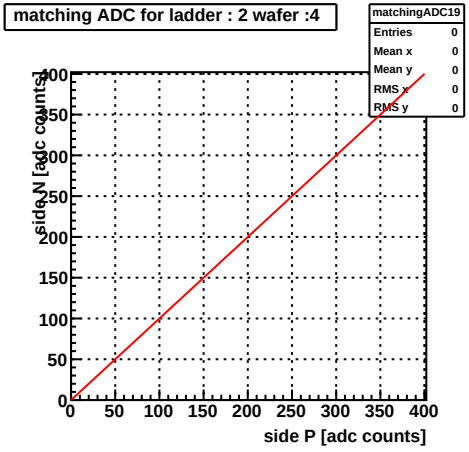

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

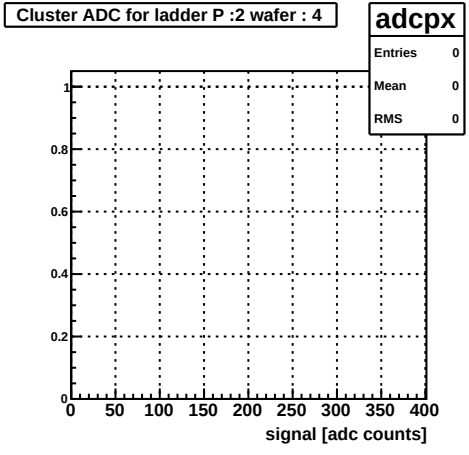

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

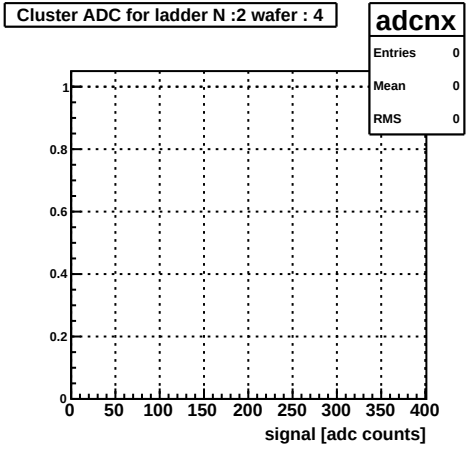

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

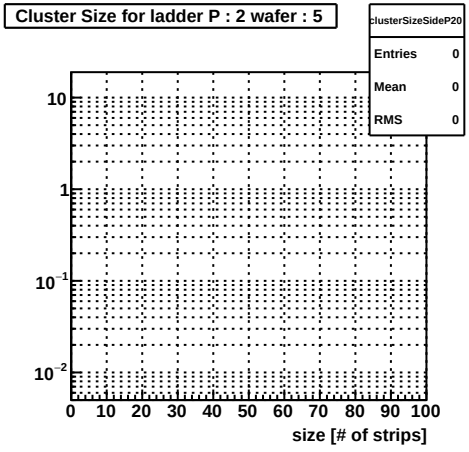

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

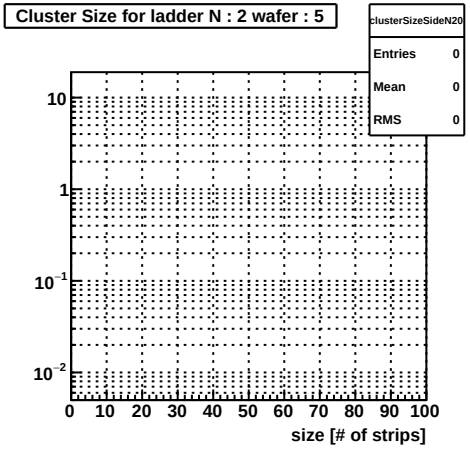

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

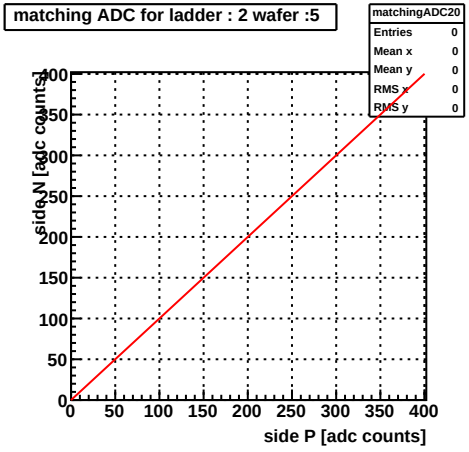

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

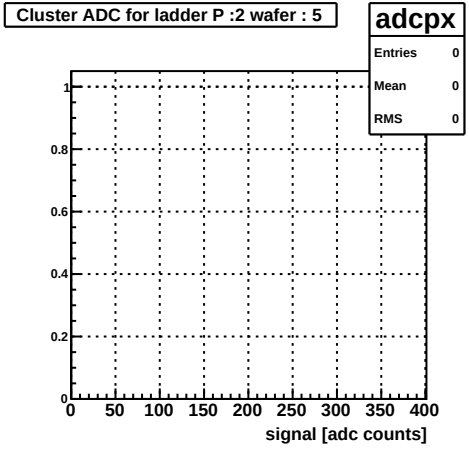

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

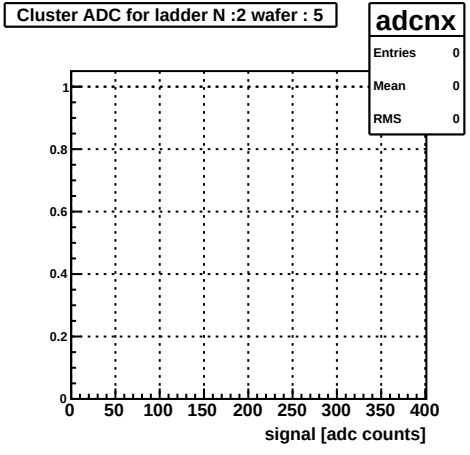

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

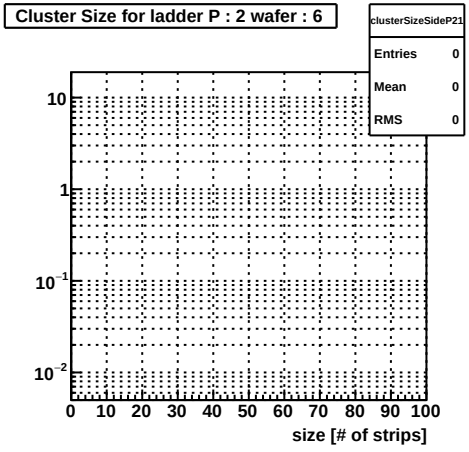

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

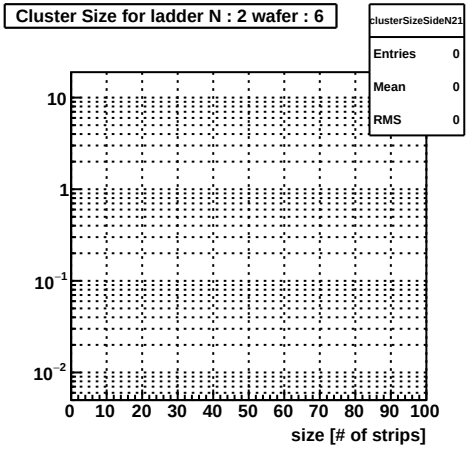

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

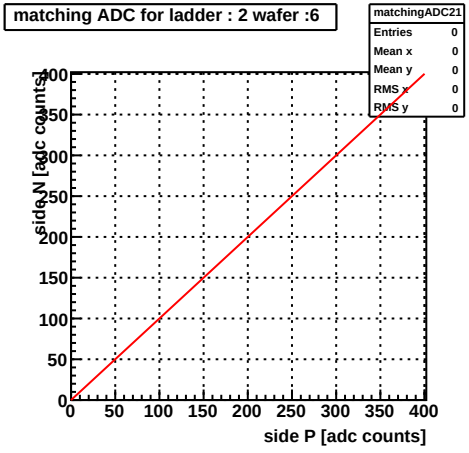

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

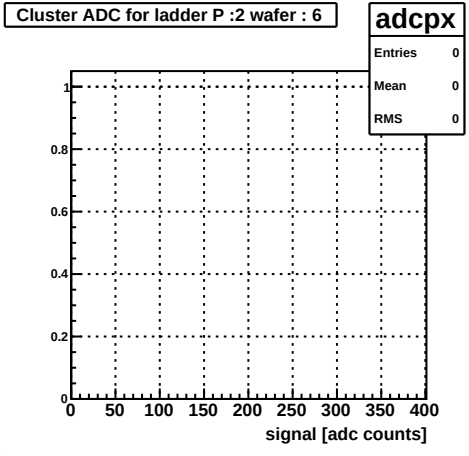

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

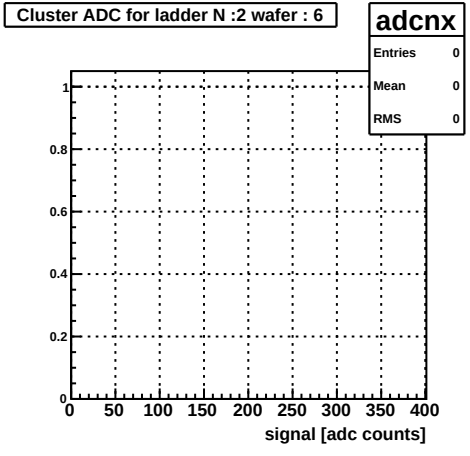

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

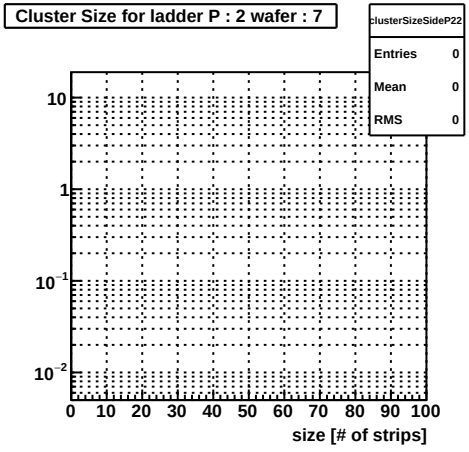

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

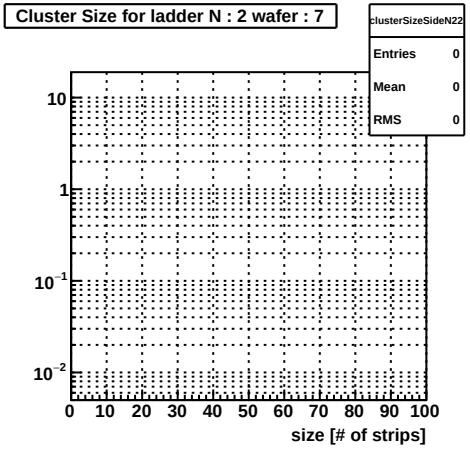

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

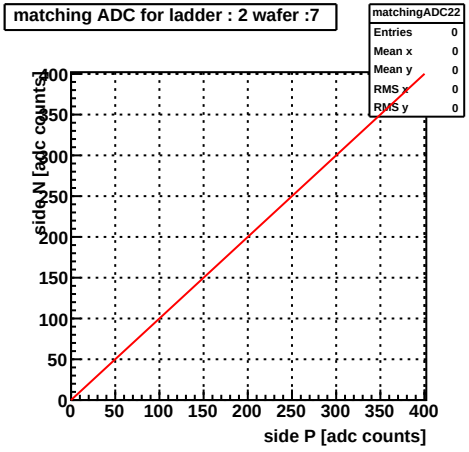

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

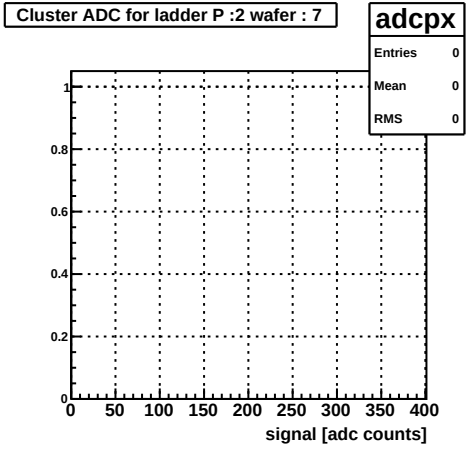

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

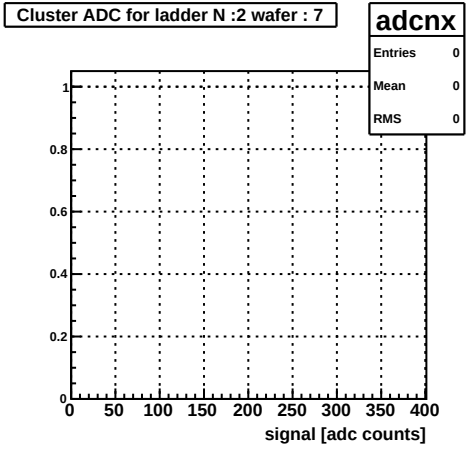

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

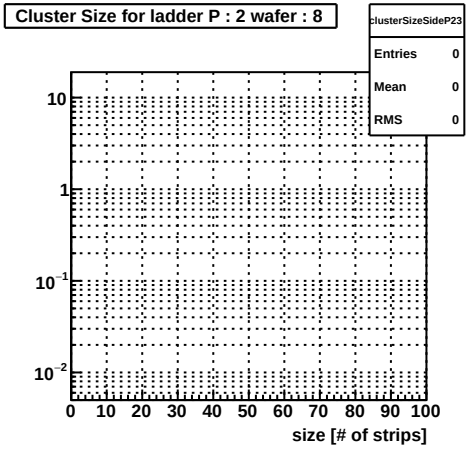

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

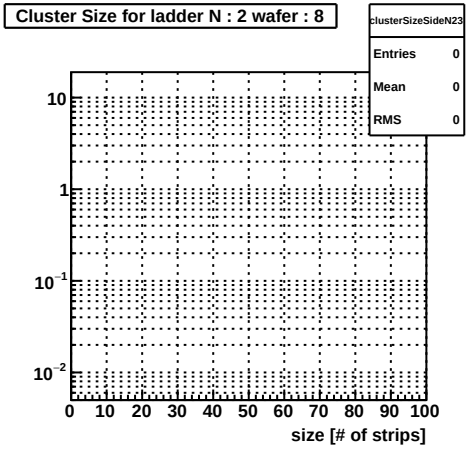

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

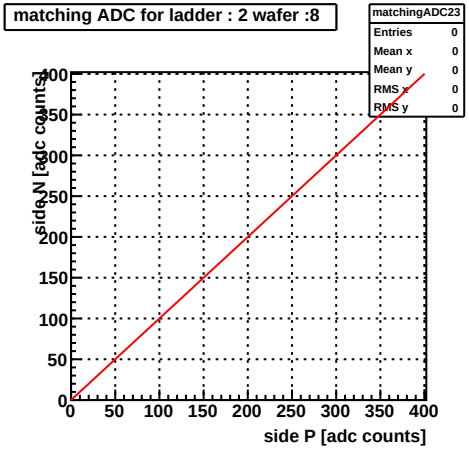

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

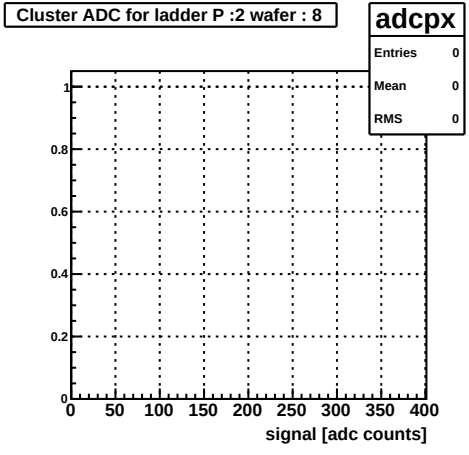

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

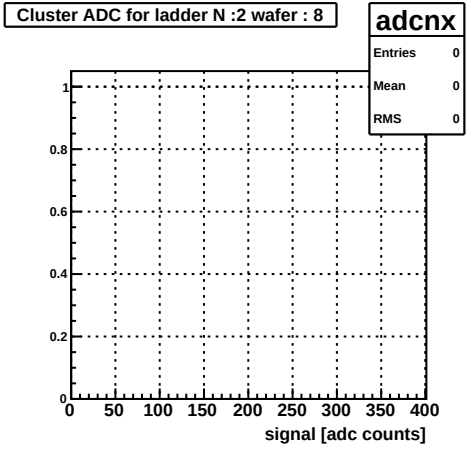

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

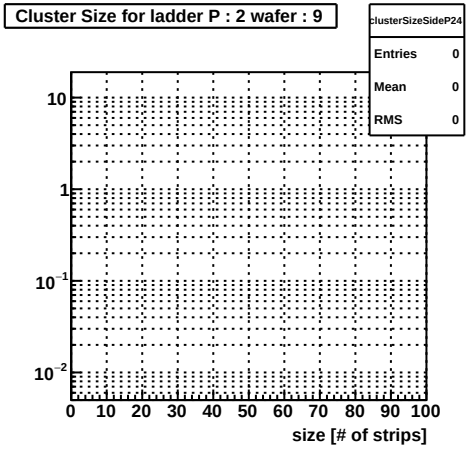

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

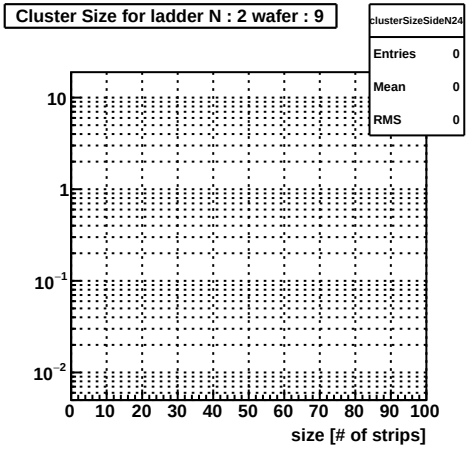

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

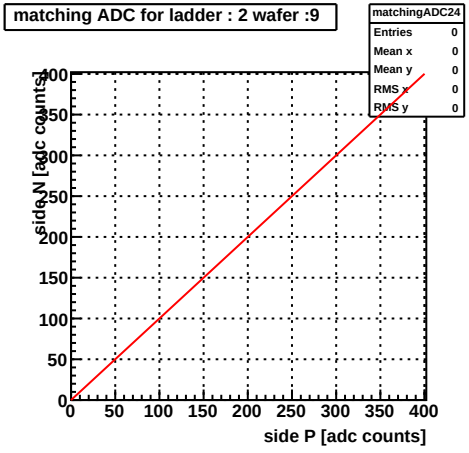

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

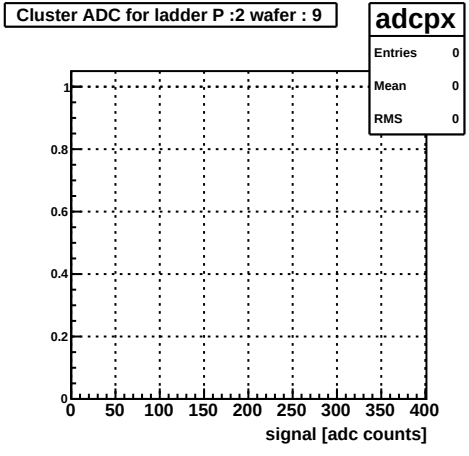

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

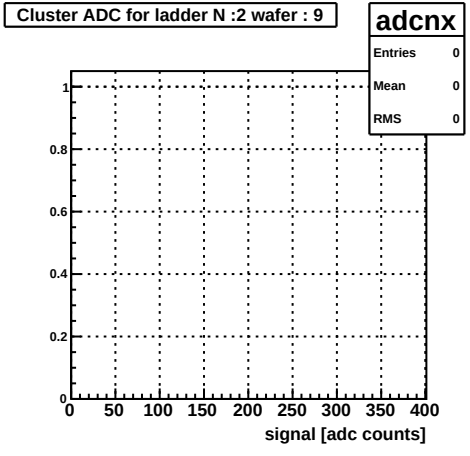

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

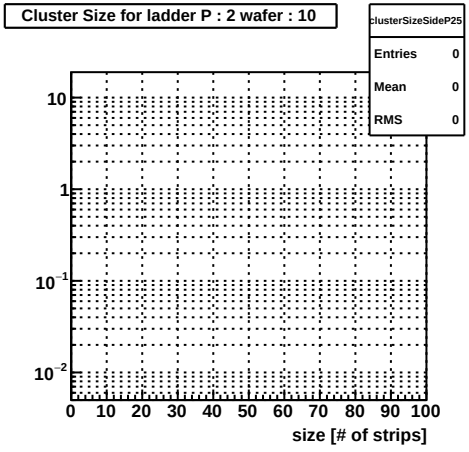

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

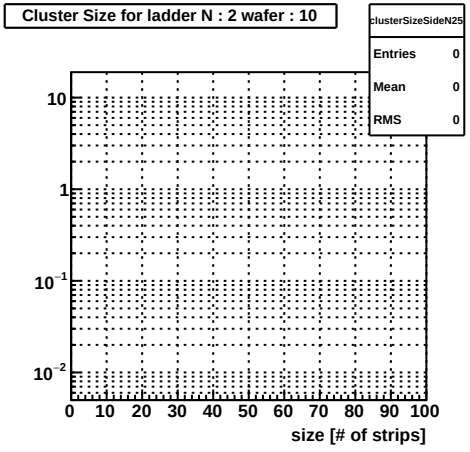

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

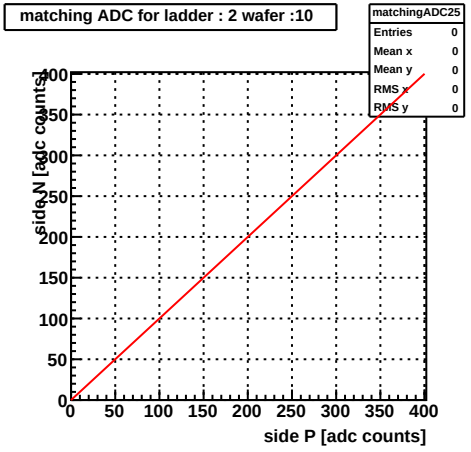

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

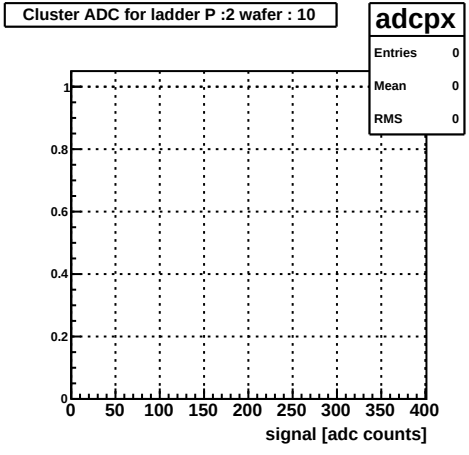

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

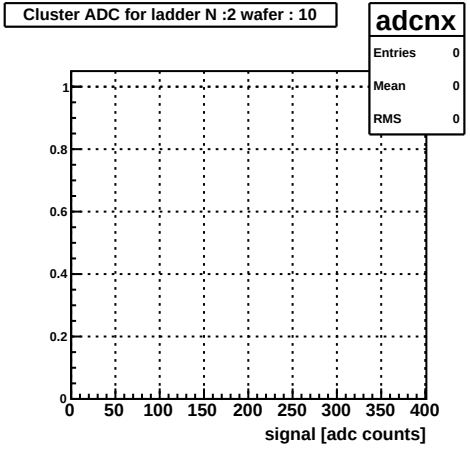

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

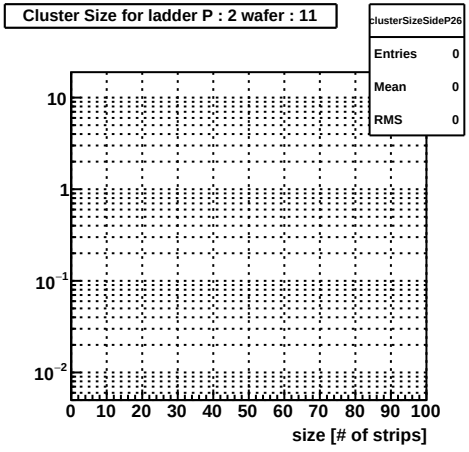

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

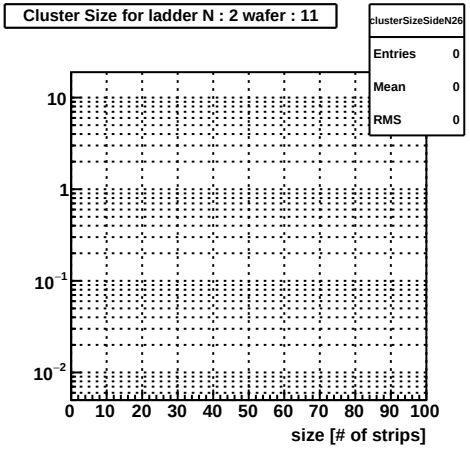

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

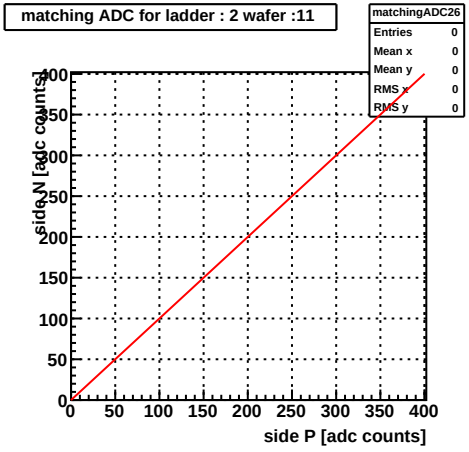

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

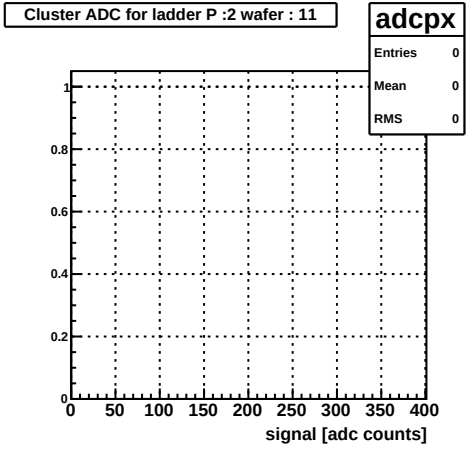

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

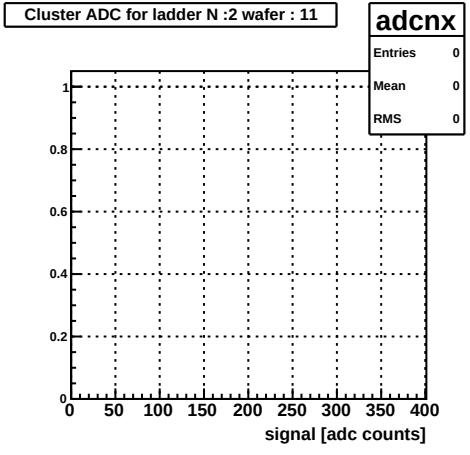

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

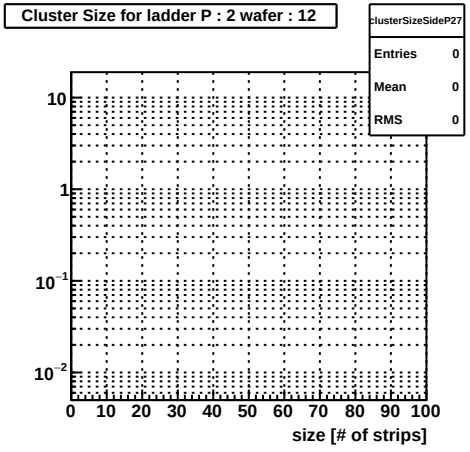

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

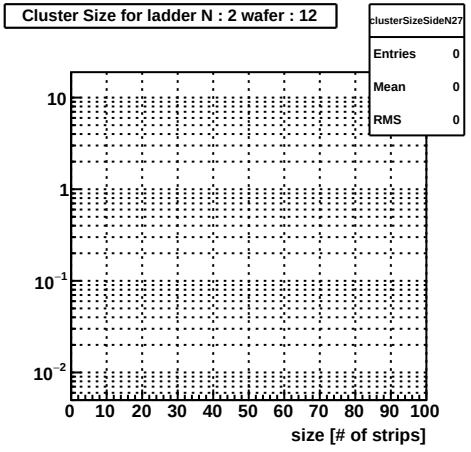

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

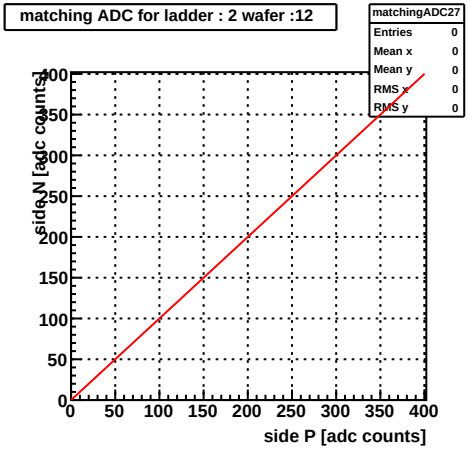

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

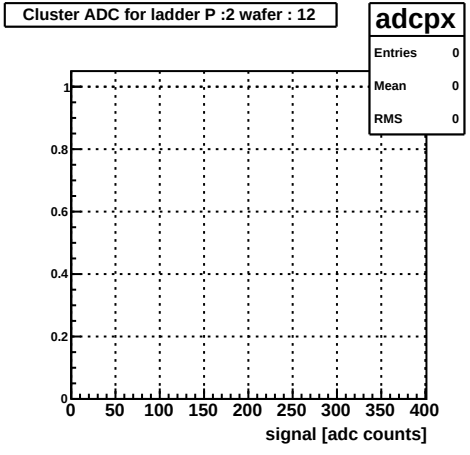

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

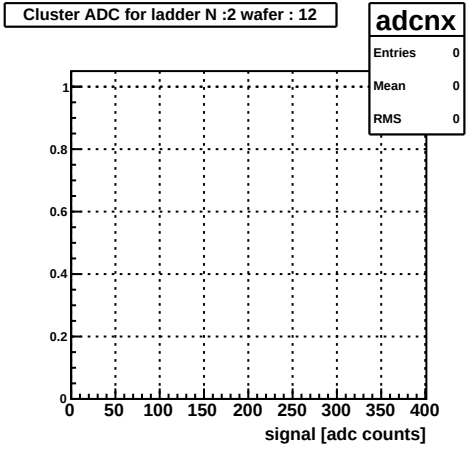

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

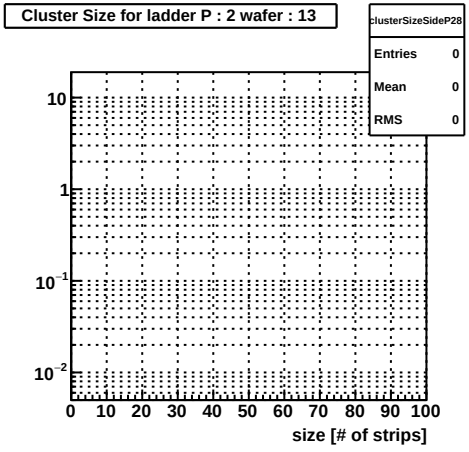

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

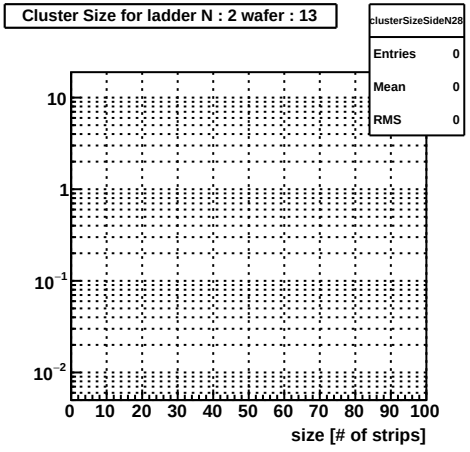

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

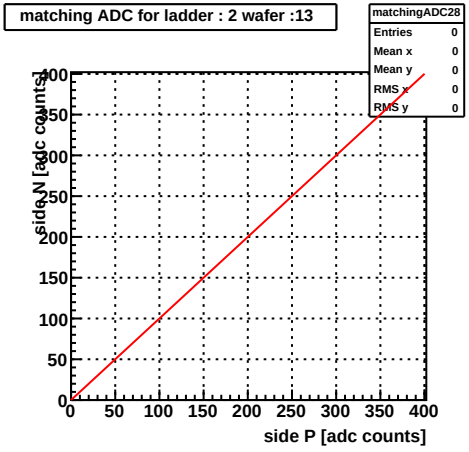

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

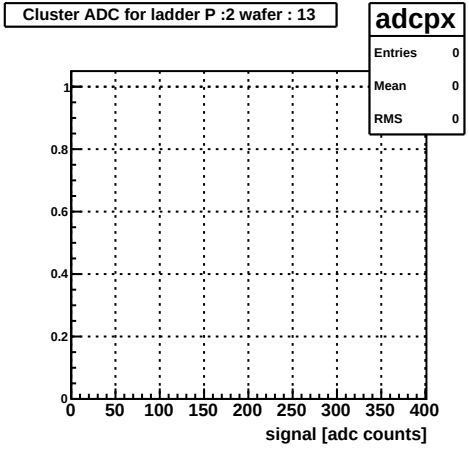

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

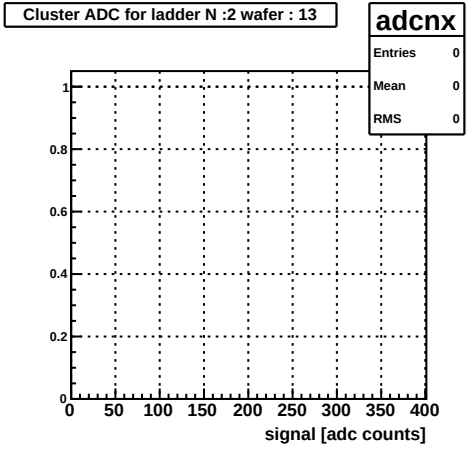

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

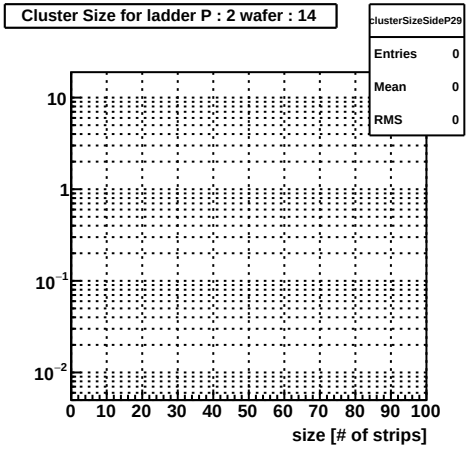

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

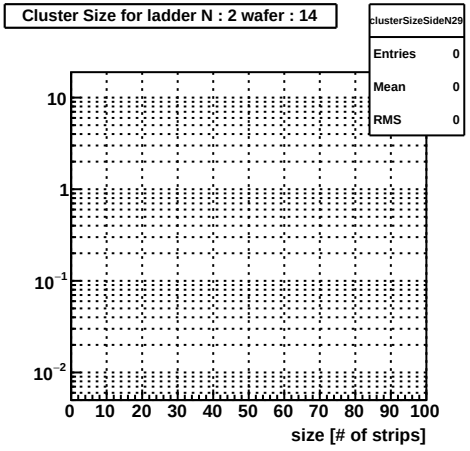

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

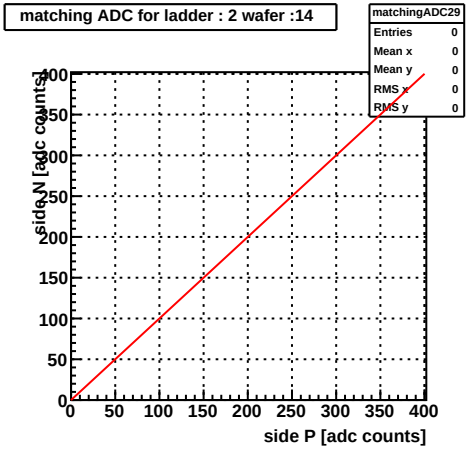

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

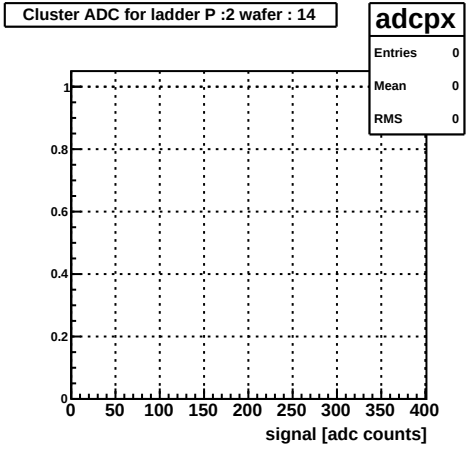

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

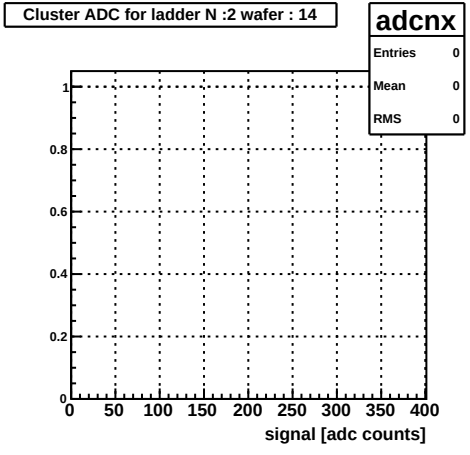

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

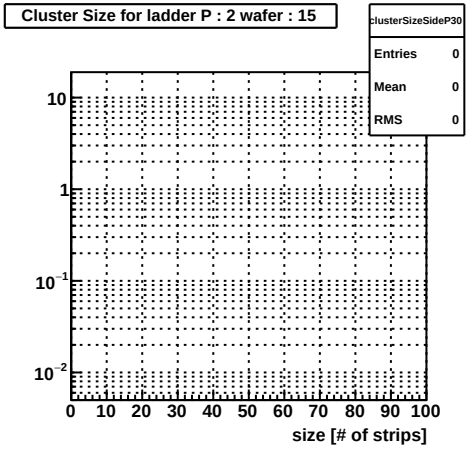

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

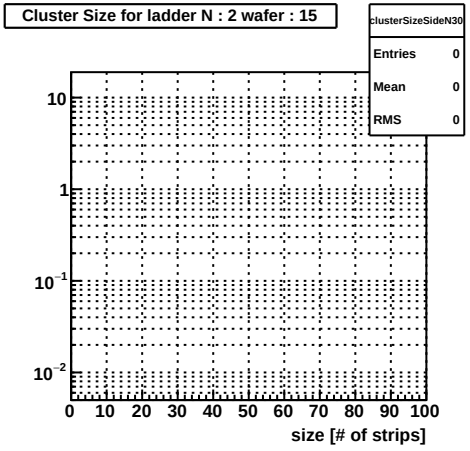

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

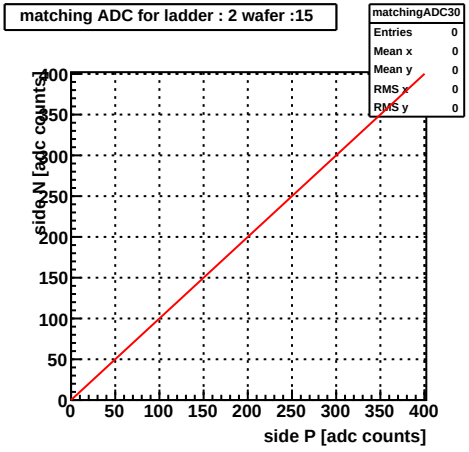

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

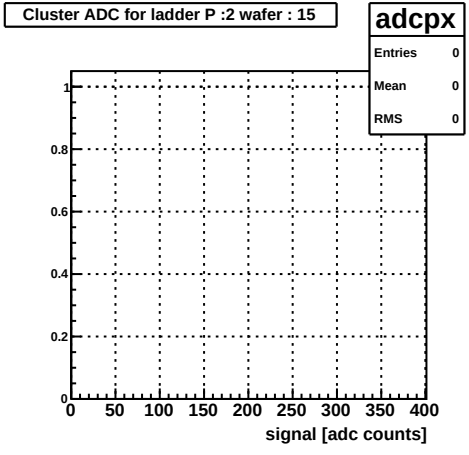

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

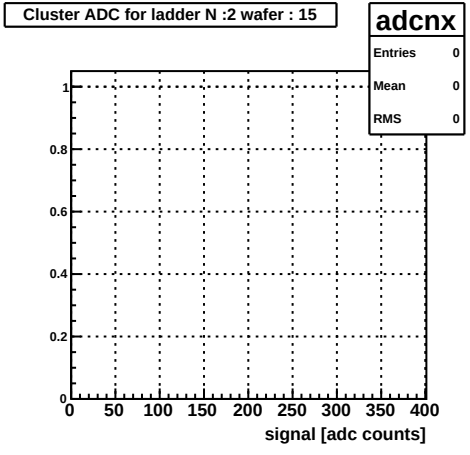

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

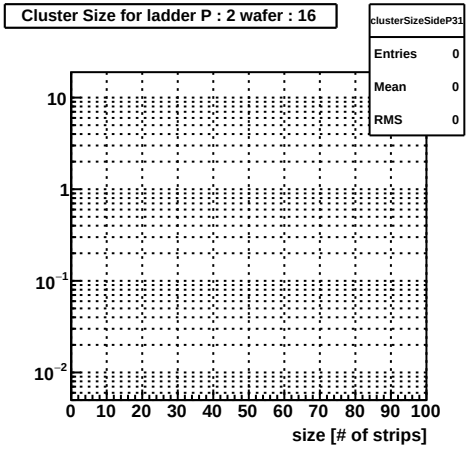

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

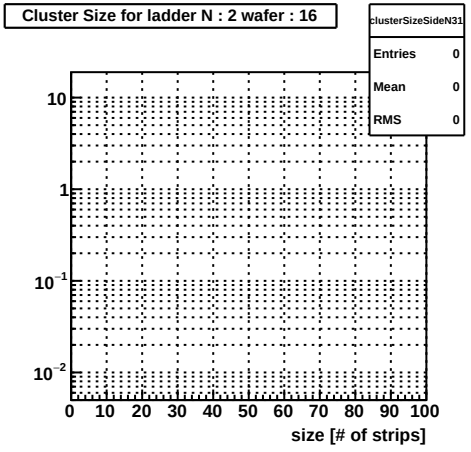

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

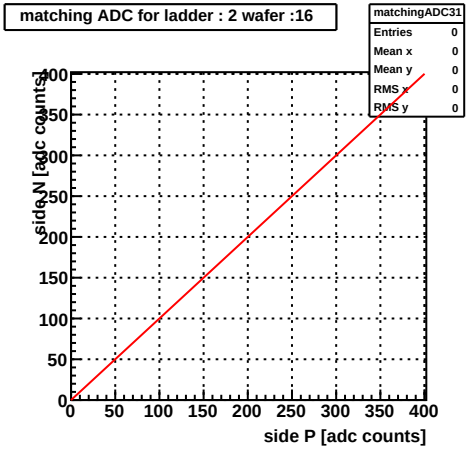

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

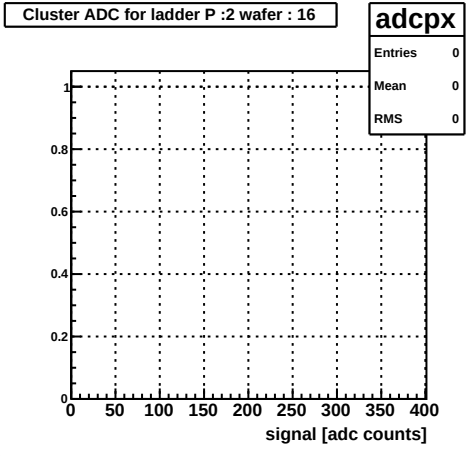

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

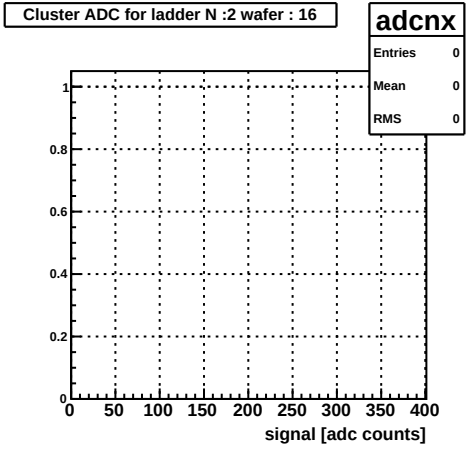

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

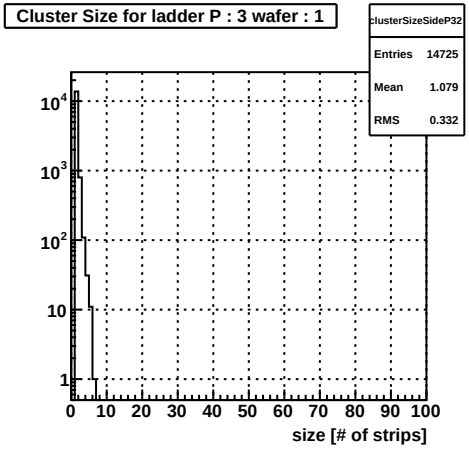

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

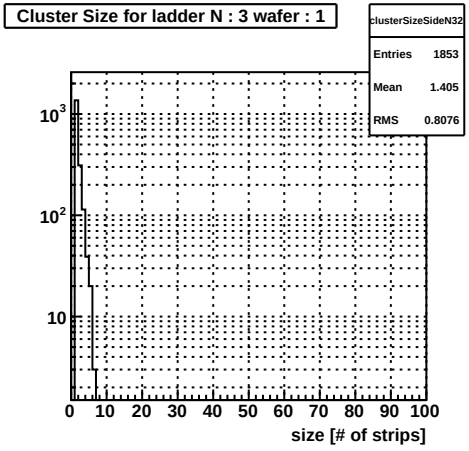

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

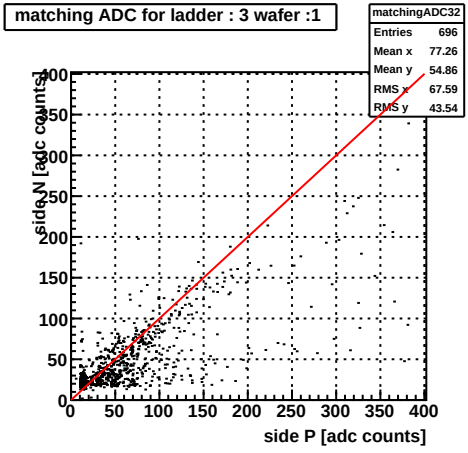

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

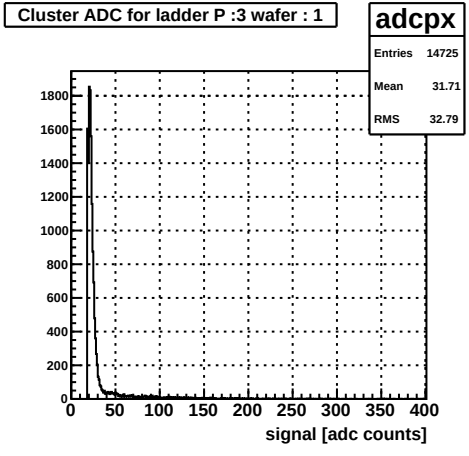

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

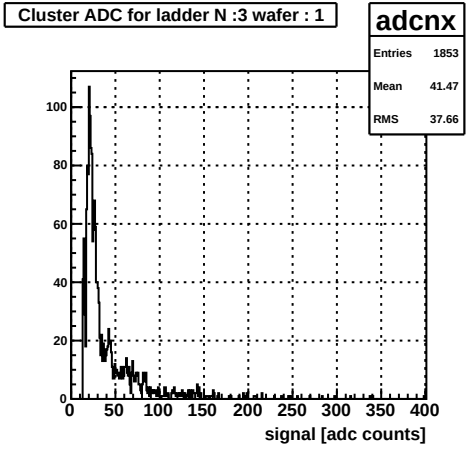

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

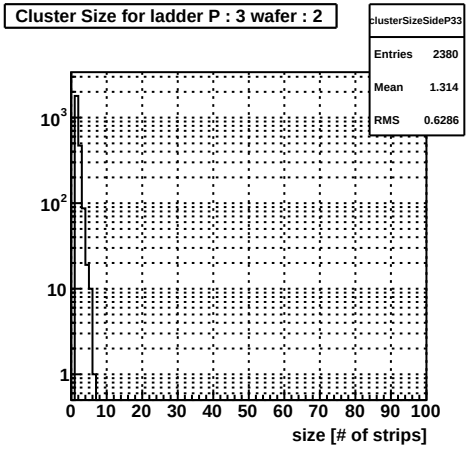

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14725
Mean 1.079
RMS 0.332
size [# of strips]

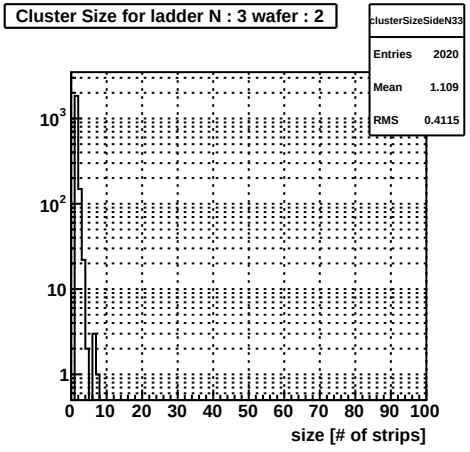

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1853
Mean 1.405
RMS 0.8076
size [# of strips]

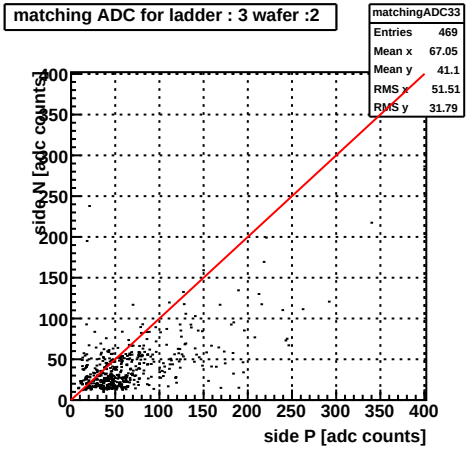

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 696
Mean x 77.26
Mean y 54.86
RMS x 67.59
RMS y 43.54
side N [adc counts]
side P [adc counts]

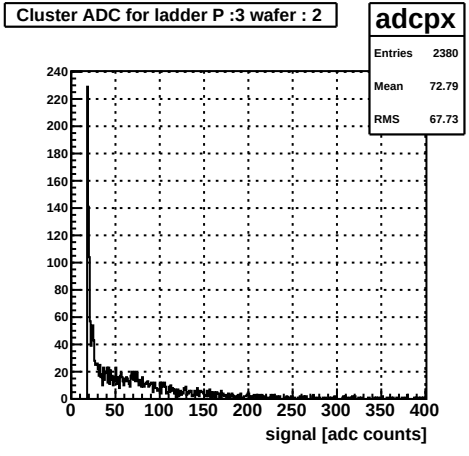

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14725
Mean 31.71
RMS 32.79
signal [adc counts]

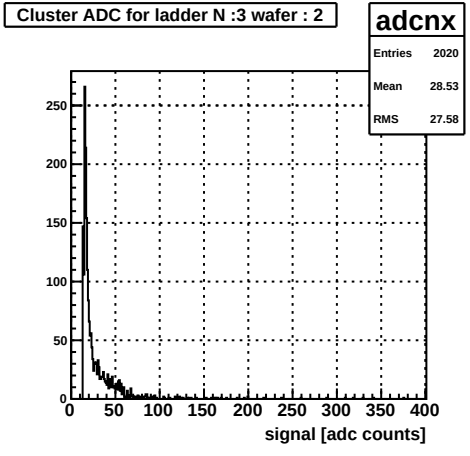

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1853
Mean 41.47
RMS 37.66
signal [adc counts]

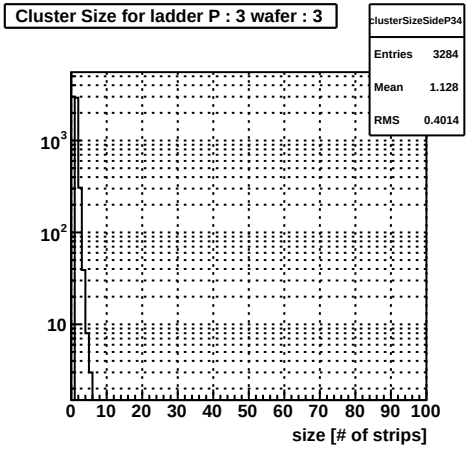

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2380
Mean 1.314
RMS 0.6286
size [# of strips]

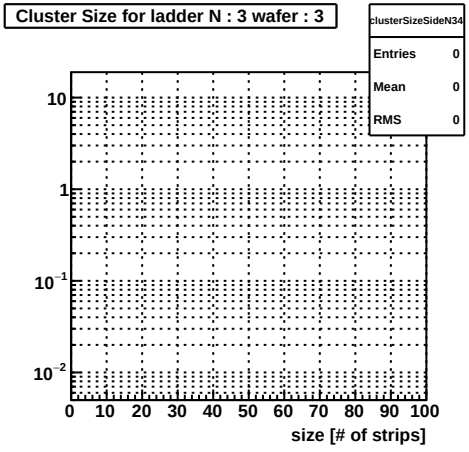

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2020
Mean 1.109
RMS 0.4115
size [# of strips]

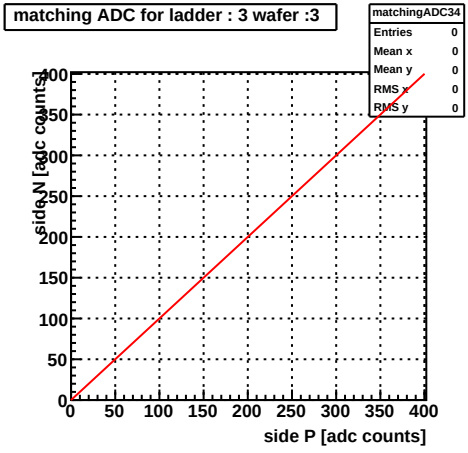

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 469
Mean x 67.05
Mean y 41.1
RMS x 51.51
RMS y 31.79
side N [adc counts]
side P [adc counts]

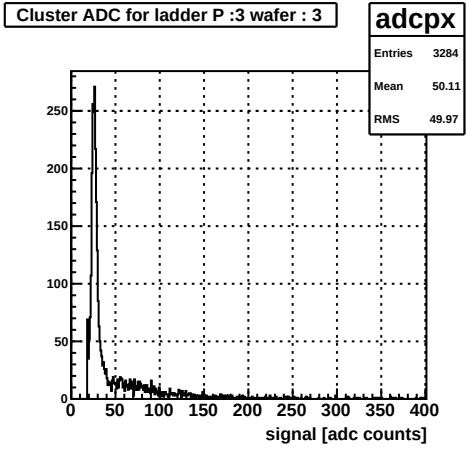

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2380
Mean 72.79
RMS 67.73
signal [adc counts]

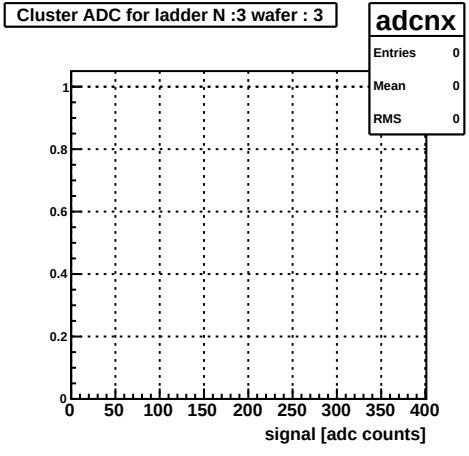

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2020
Mean 28.53
RMS 27.58
signal [adc counts]

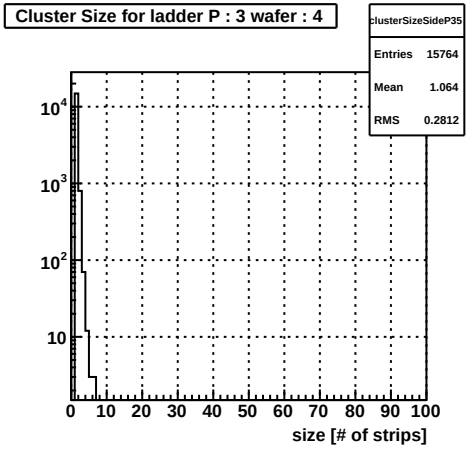

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3284
Mean 1.128
RMS 0.4014
size [# of strips]

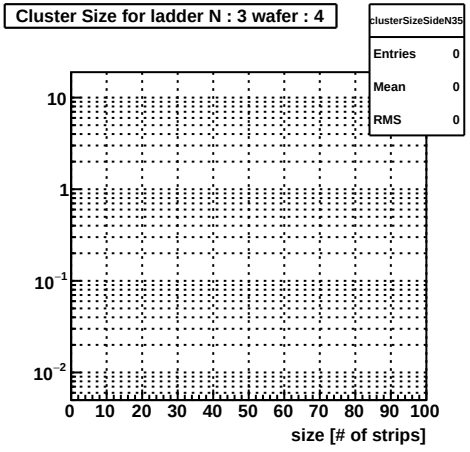

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

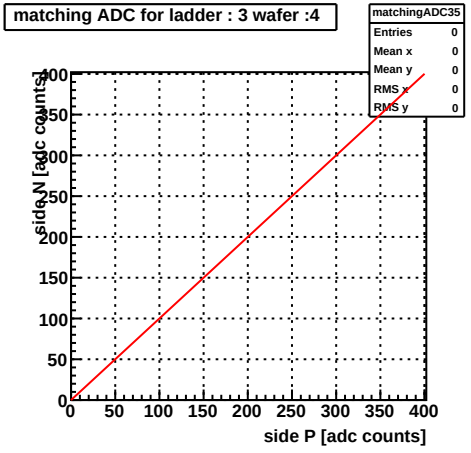

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

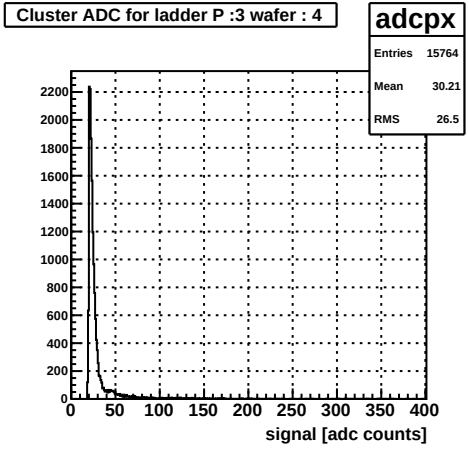

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3284
Mean 50.11
RMS 49.97
signal [adc counts]

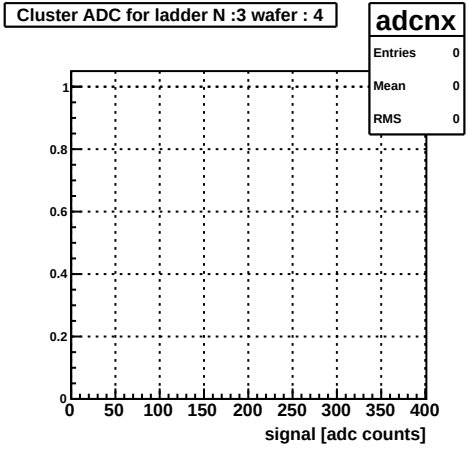

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

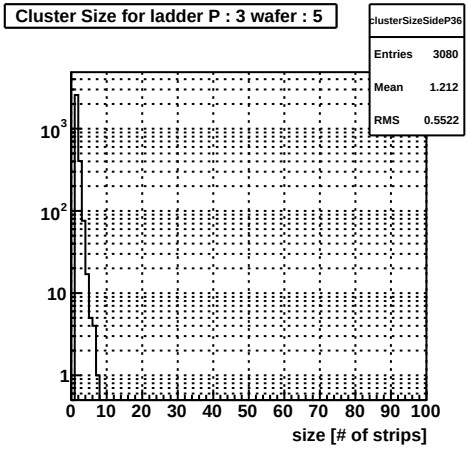

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15764
Mean 1.064
RMS 0.2812
size [# of strips]

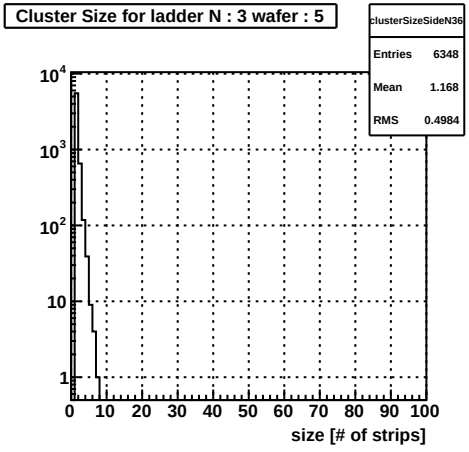

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

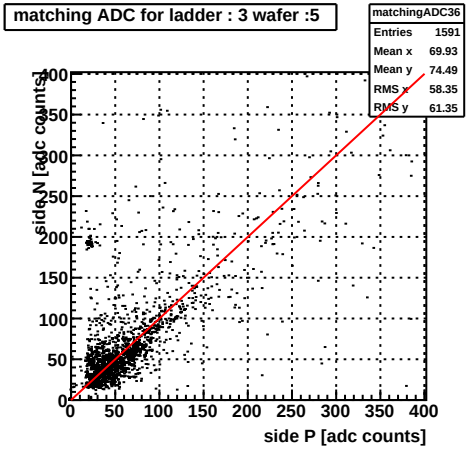

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

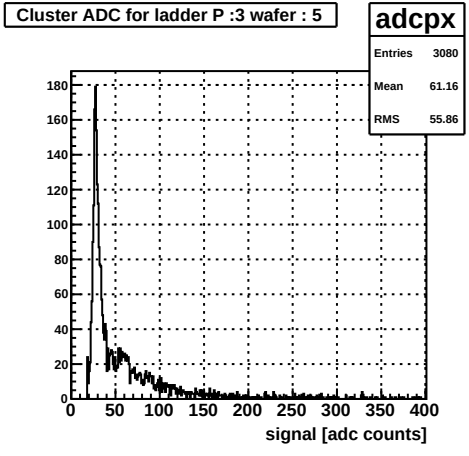

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15764
Mean 30.21
RMS 26.5
signal [adc counts]

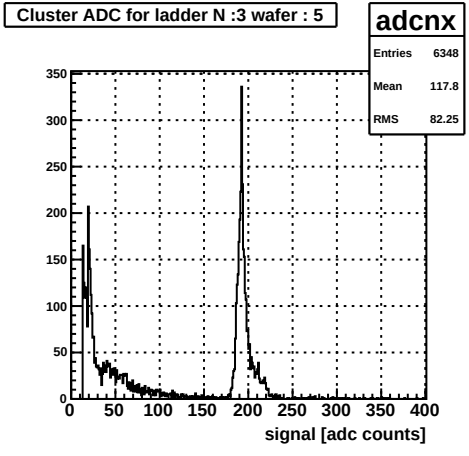

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

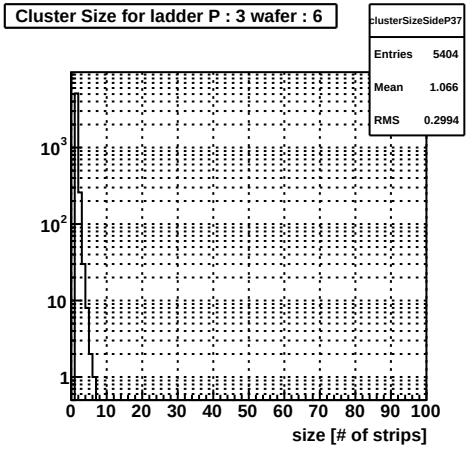

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3080
Mean 1.212
RMS 0.5522
size [# of strips]

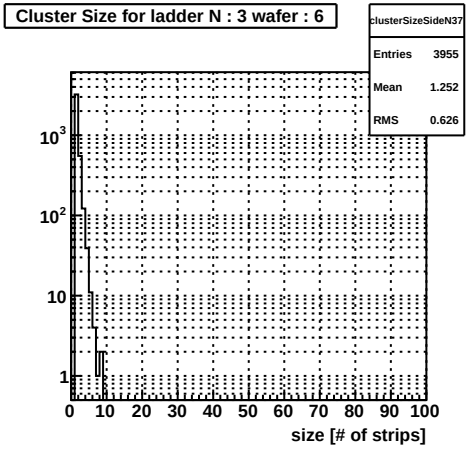

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6348
Mean 1.168
RMS 0.4984
size [# of strips]

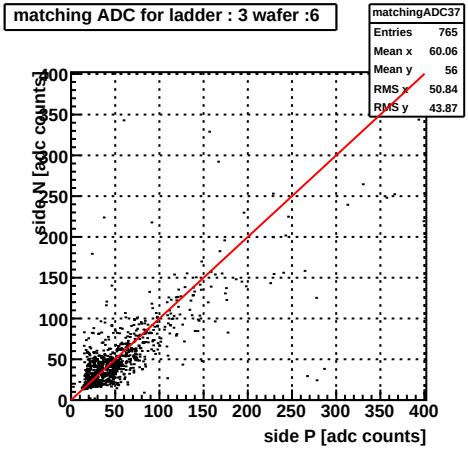

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1591
Mean x 69.93
Mean y 74.49
RMS x 58.35
RMS y 61.35
side N [adc counts]
side P [adc counts]

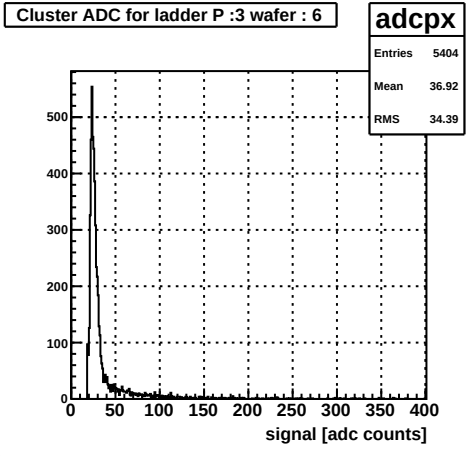

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3080
Mean 61.16
RMS 55.86
signal [adc counts]

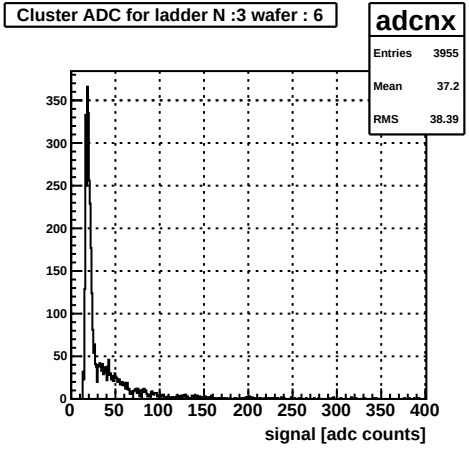

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6348
Mean 117.8
RMS 82.25
signal [adc counts]

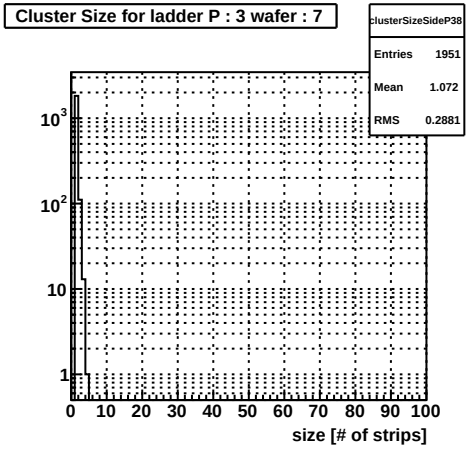

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5404
Mean 1.066
RMS 0.2994
size [# of strips]

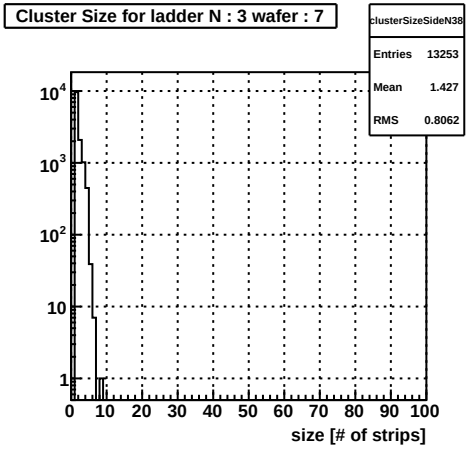

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 3955
Mean 1.252
RMS 0.626
size [# of strips]

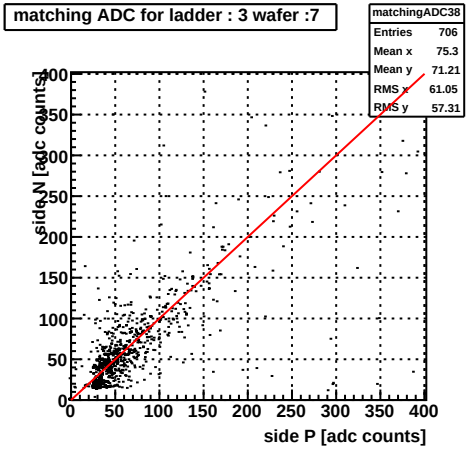

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 765
Mean x 60.06
Mean y 56
RMS x 50.84
RMS y 43.87
side N [adc counts]
side P [adc counts]

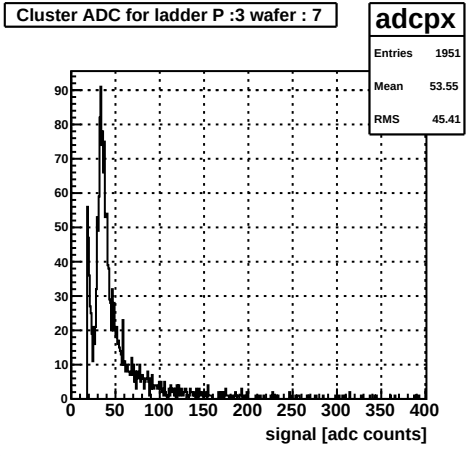

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5404
Mean 36.92
RMS 34.39
signal [adc counts]

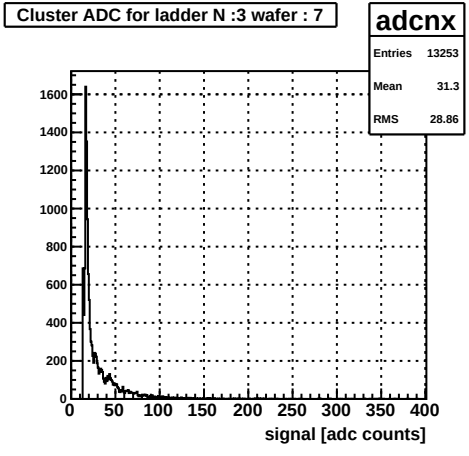

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 3955
Mean 37.2
RMS 38.39
signal [adc counts]

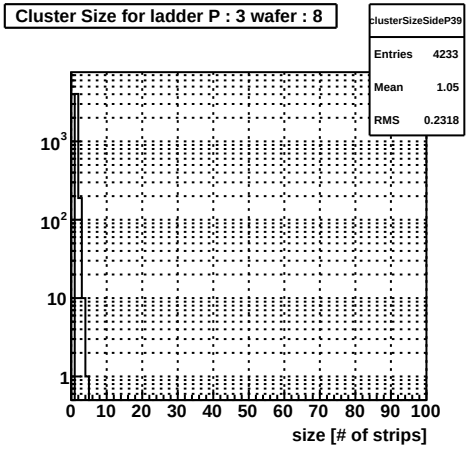

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1951
Mean 1.072
RMS 0.2881
size [# of strips]

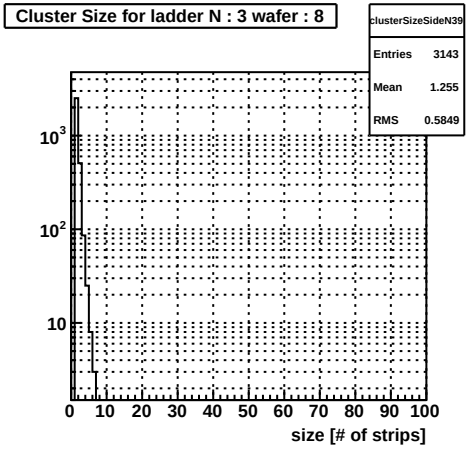

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13253
Mean 1.427
RMS 0.8062
size [# of strips]

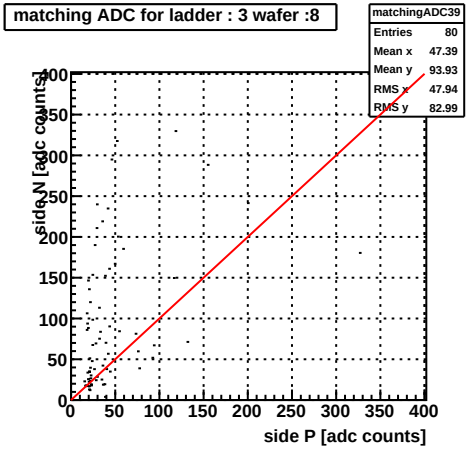

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 706
Mean x 75.3
Mean y 71.21
RMS x 61.05
RMS y 57.31
side N [adc counts]
side P [adc counts]

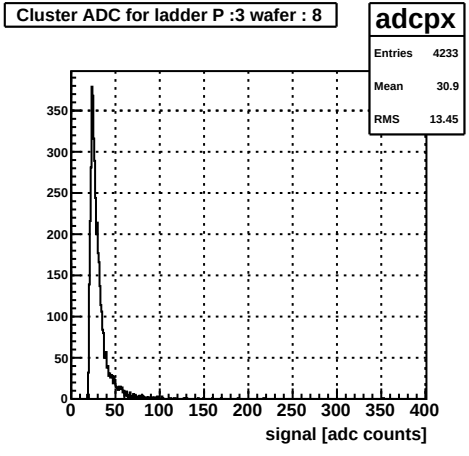

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1951
Mean 53.55
RMS 45.41
signal [adc counts]

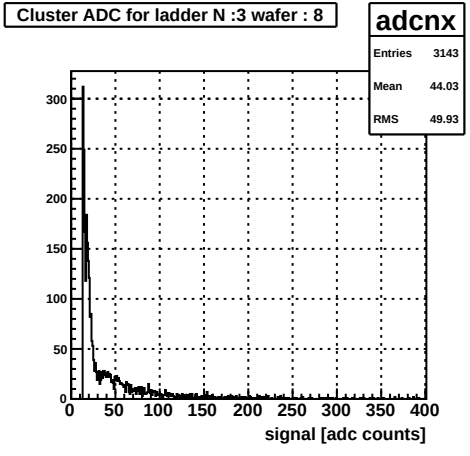

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13253
Mean 31.3
RMS 28.86
signal [adc counts]

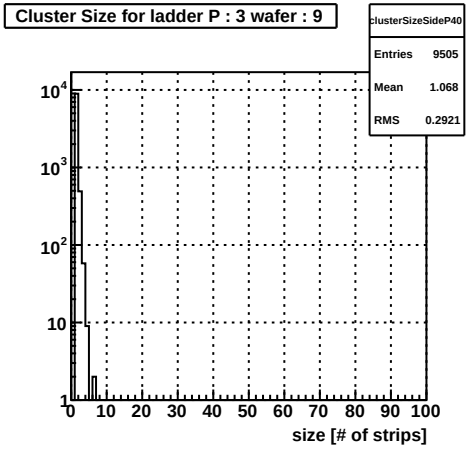

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4233
Mean 1.05
RMS 0.2318
size [# of strips]

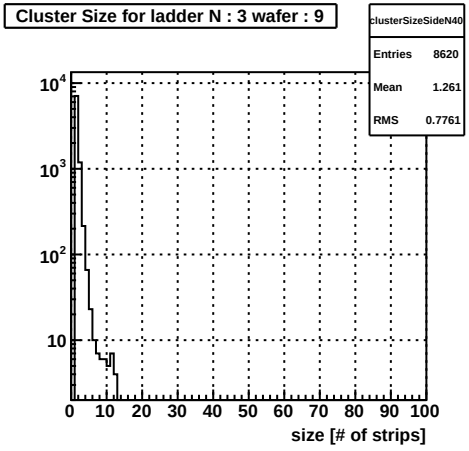

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3143
Mean 1.255
RMS 0.5849
size [# of strips]

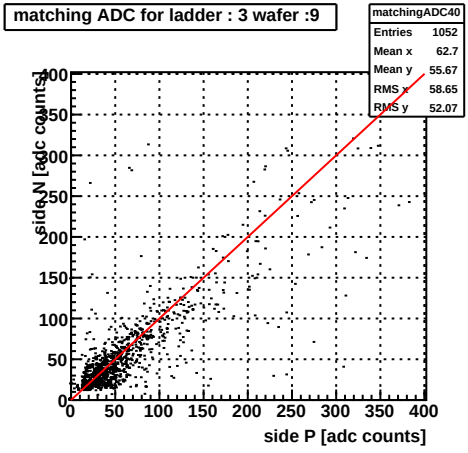

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 80
Mean x 47.39
Mean y 93.93
RMS x 47.94
RMS y 82.99
side N [adc counts]
side P [adc counts]

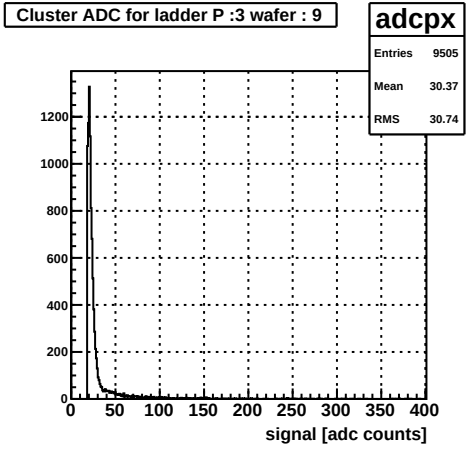

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4233
Mean 30.9
RMS 13.45
signal [adc counts]

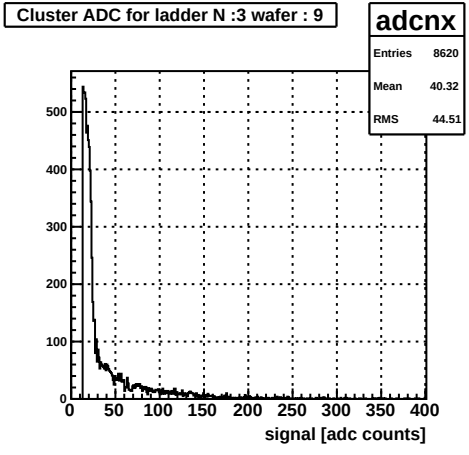

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3143
Mean 44.03
RMS 49.93
signal [adc counts]

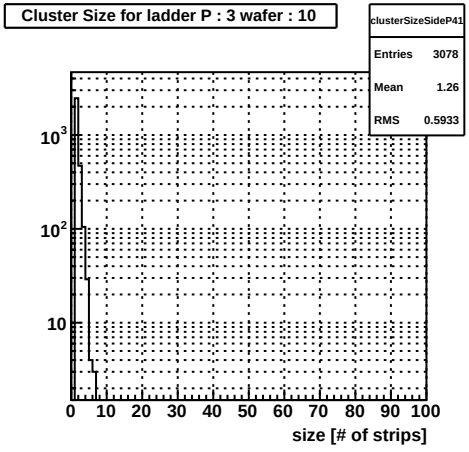

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9505
Mean 1.068
RMS 0.2921
size [# of strips]

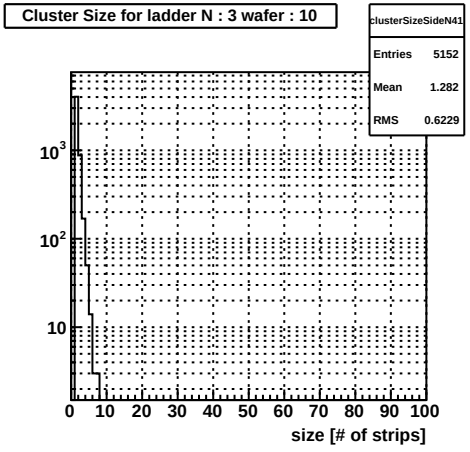

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8620
Mean 1.261
RMS 0.7761
size [# of strips]

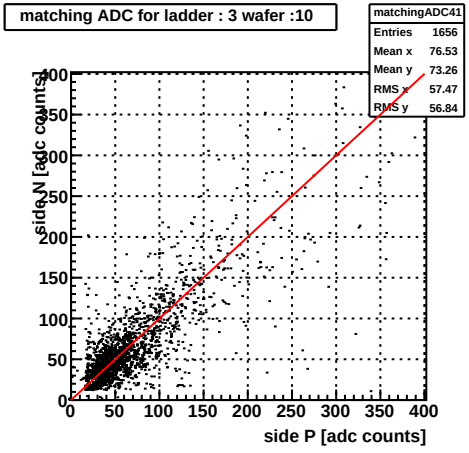

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1052
Mean x 62.7
Mean y 55.67
RMS x 58.65
RMS y 52.07
side N [adc counts]
side P [adc counts]

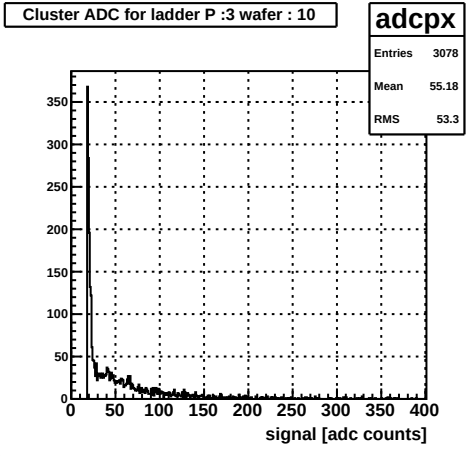

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9505
Mean 30.37
RMS 30.74
signal [adc counts]

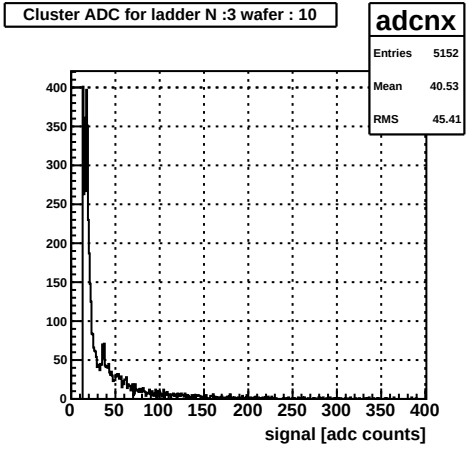

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8620
Mean 40.32
RMS 44.51
signal [adc counts]

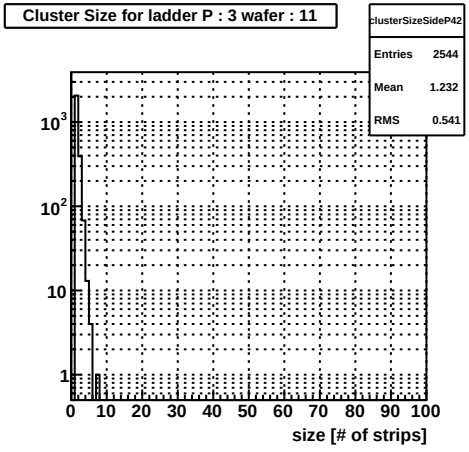

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3078
Mean 1.26
RMS 0.5933
size [# of strips]

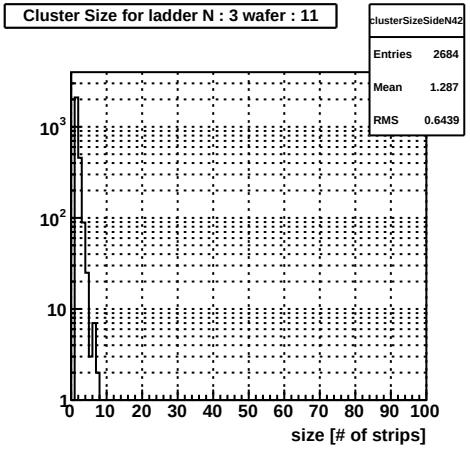

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5152
Mean 1.282
RMS 0.6229
size [# of strips]

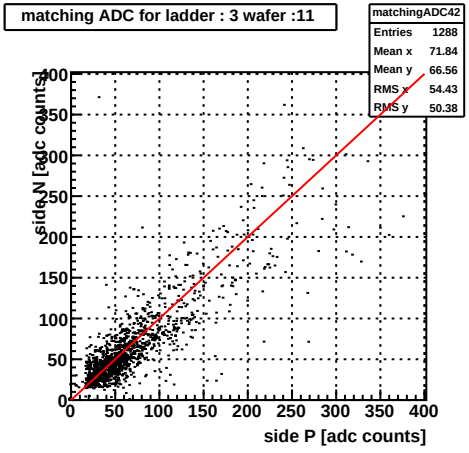

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1656
Mean x 76.53
Mean y 73.26
RMS x 57.47
RMS y 56.84
side N [adc counts]
side P [adc counts]

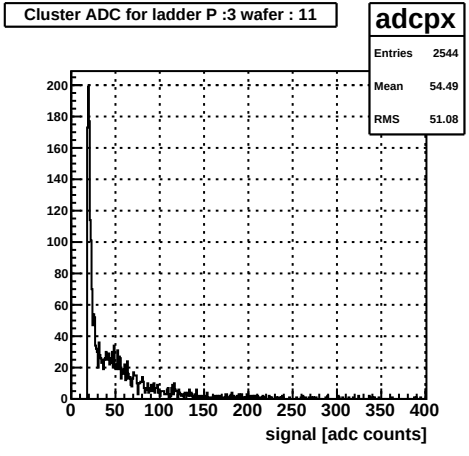

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3078
Mean 55.18
RMS 53.3
signal [adc counts]

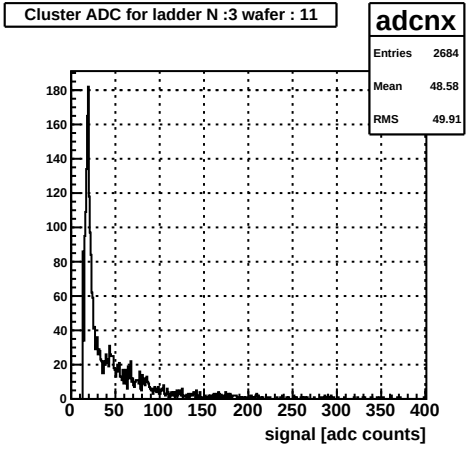

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5152
Mean 40.53
RMS 45.41
signal [adc counts]

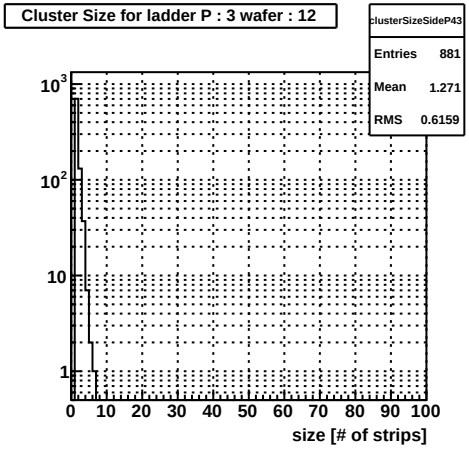

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2544
Mean 1.232
RMS 0.541
size [# of strips]

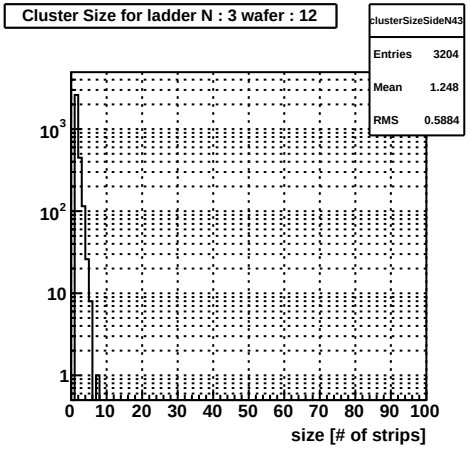

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2684
Mean 1.287
RMS 0.6439
size [# of strips]

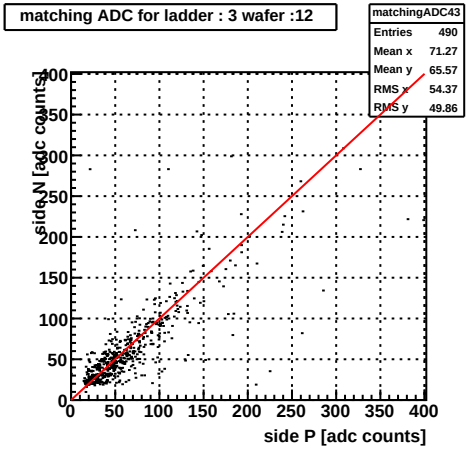

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1288
Mean x 71.84
Mean y 66.56
RMS x 54.43
RMS y 50.38
side N [adc counts]
side P [adc counts]

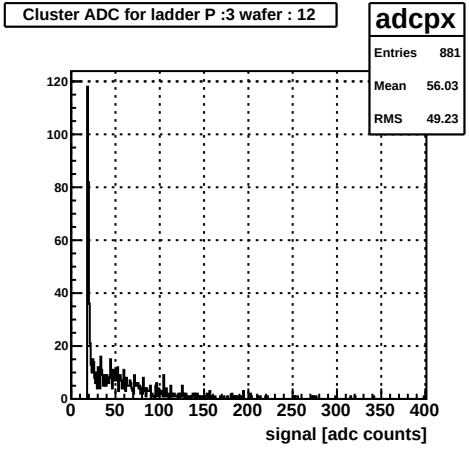

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2544
Mean 54.49
RMS 51.08
signal [adc counts]

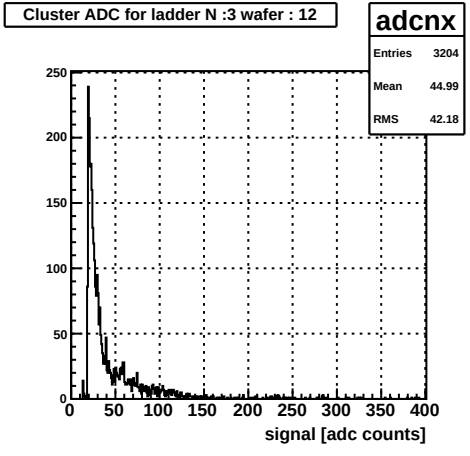

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2684
Mean 48.58
RMS 49.91
signal [adc counts]

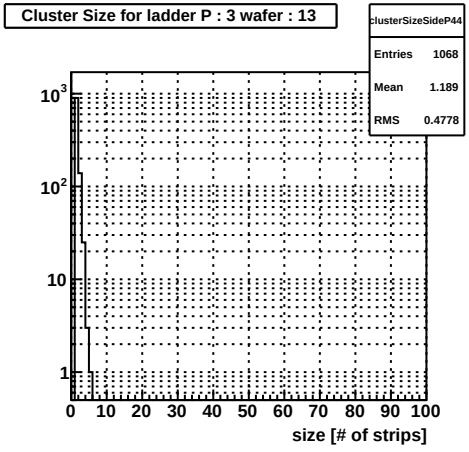

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 881
Mean 1.271
RMS 0.6159
size [# of strips]

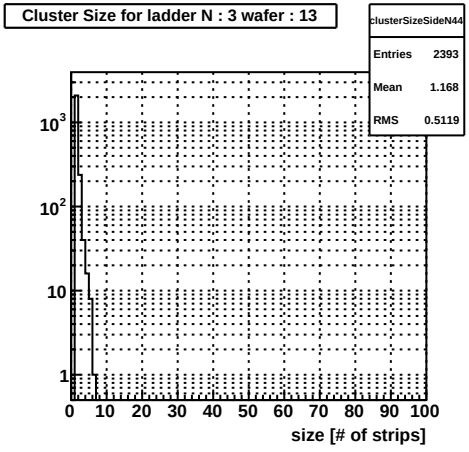

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3204
Mean 1.248
RMS 0.5884
size [# of strips]

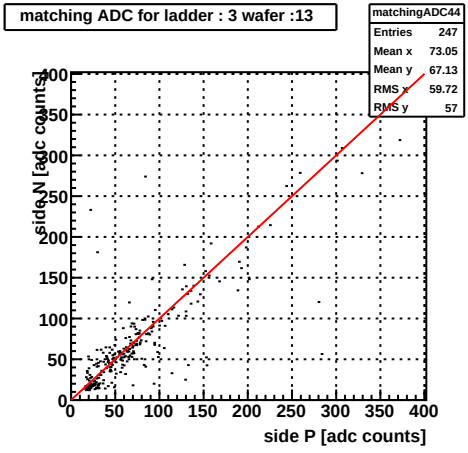

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 490
Mean x 71.27
Mean y 65.57
RMS x 54.37
RMS y 49.86
side N [adc counts]
side P [adc counts]

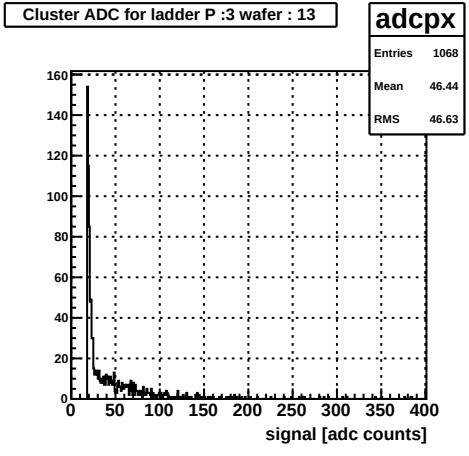

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 881
Mean 56.03
RMS 49.23
signal [adc counts]

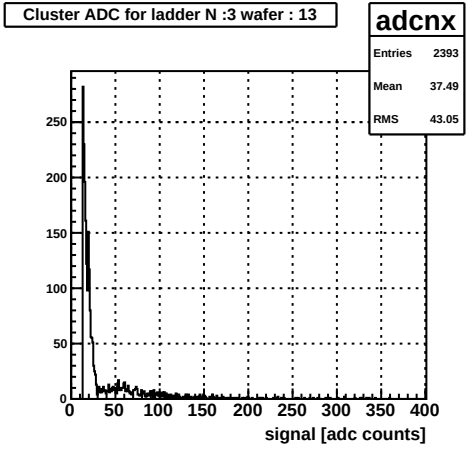

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3204
Mean 44.99
RMS 42.18
signal [adc counts]

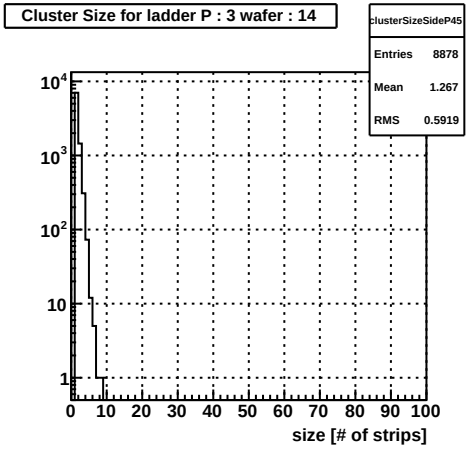

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1068
Mean 1.189
RMS 0.4778
size [# of strips]

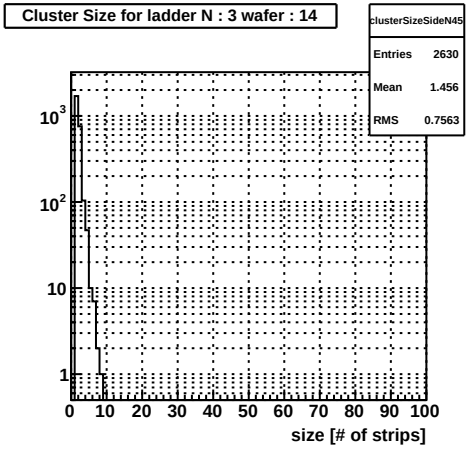

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2393
Mean 1.168
RMS 0.5119
size [# of strips]

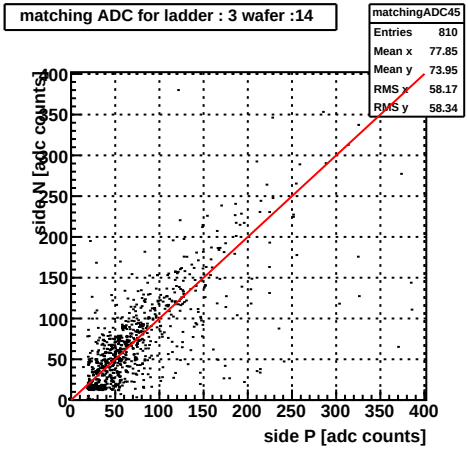

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 247
Mean x 73.05
Mean y 67.13
RMS x 59.72
RMS y 57
side N [adc counts]
side P [adc counts]

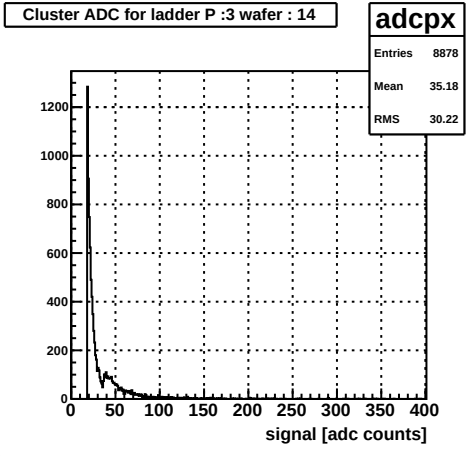

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1068
Mean 46.44
RMS 46.63
signal [adc counts]

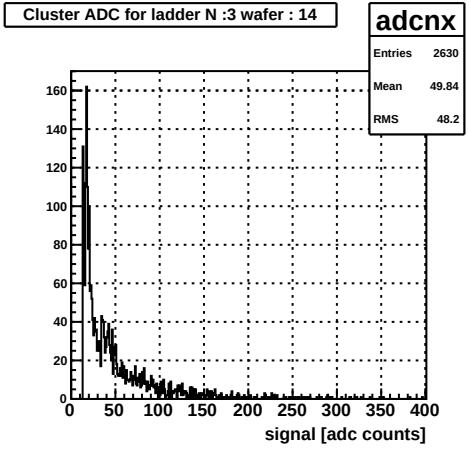

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2393
Mean 37.49
RMS 43.05
signal [adc counts]

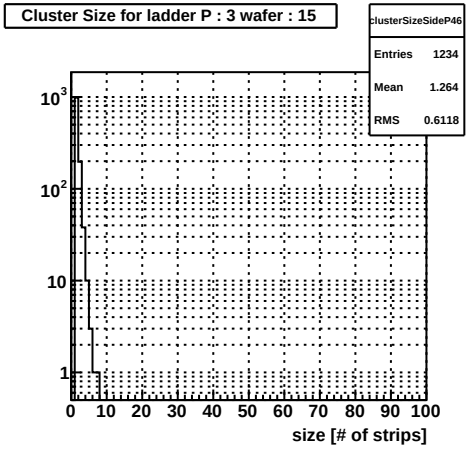

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8878
Mean 1.267
RMS 0.5919
size [# of strips]

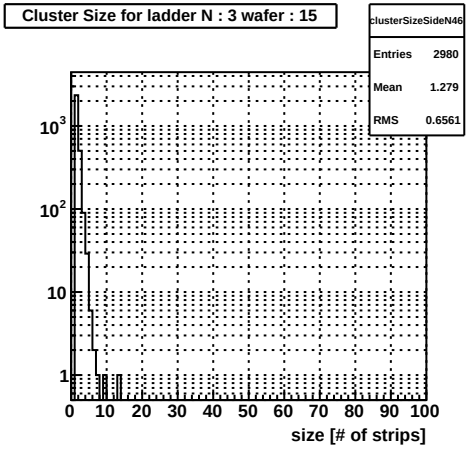

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2630
Mean 1.456
RMS 0.7563
size [# of strips]

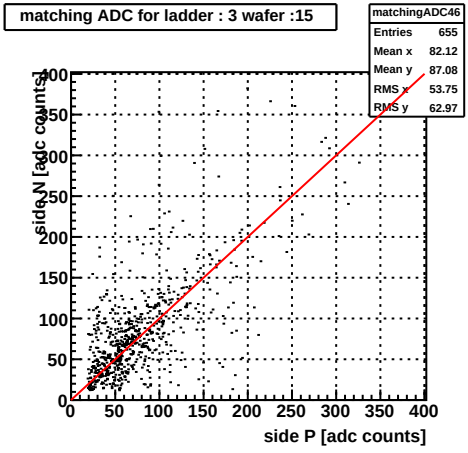

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 810
Mean x 77.85
Mean y 73.95
RMS x 58.17
RMS y 58.34
side N [adc counts]
side P [adc counts]

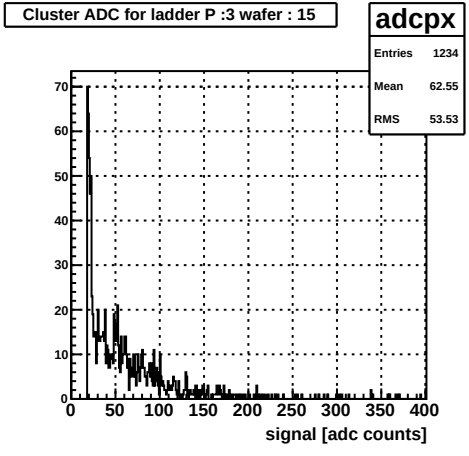

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8878
Mean 35.18
RMS 30.22
signal [adc counts]

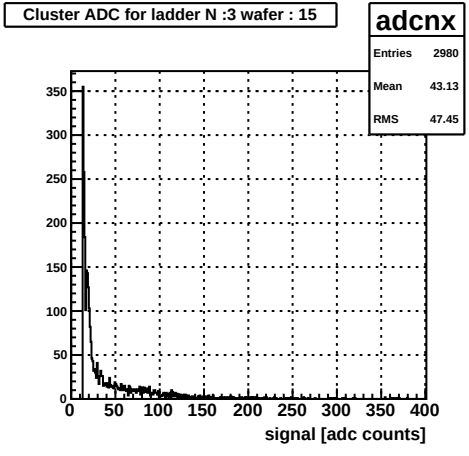

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2630
Mean 49.84
RMS 48.2
signal [adc counts]

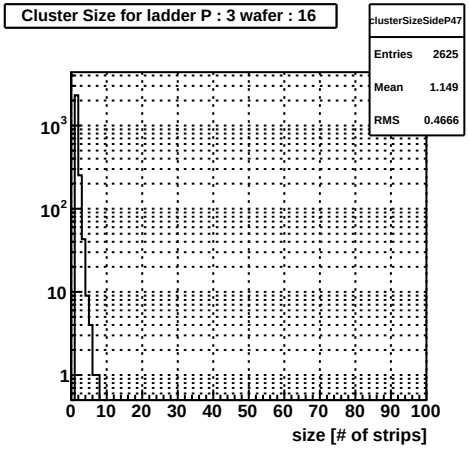

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1234
Mean 1.264
RMS 0.6118
size [# of strips]

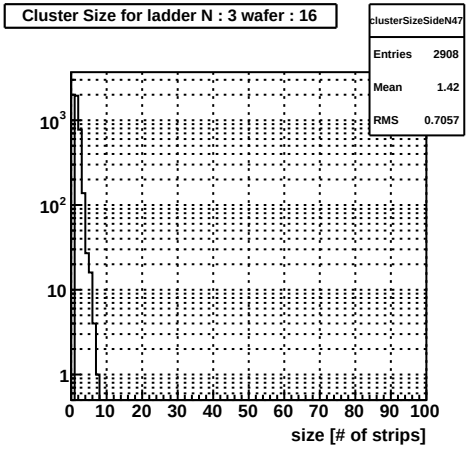

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2980
Mean 1.279
RMS 0.6561
size [# of strips]

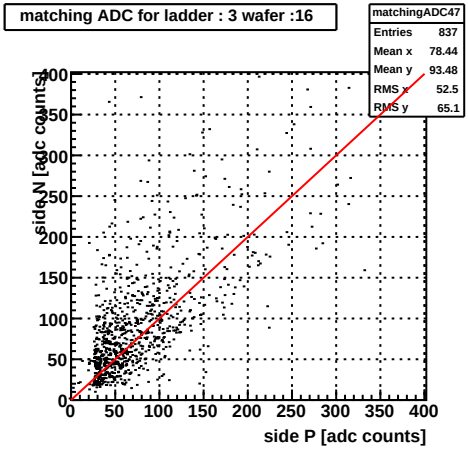

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 655
Mean x 82.12
Mean y 87.08
RMS x 53.75
RMS y 62.97
side N [adc counts]
side P [adc counts]

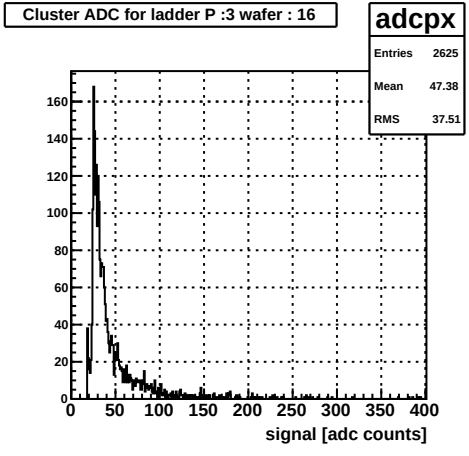

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1234
Mean 62.55
RMS 53.53
signal [adc counts]

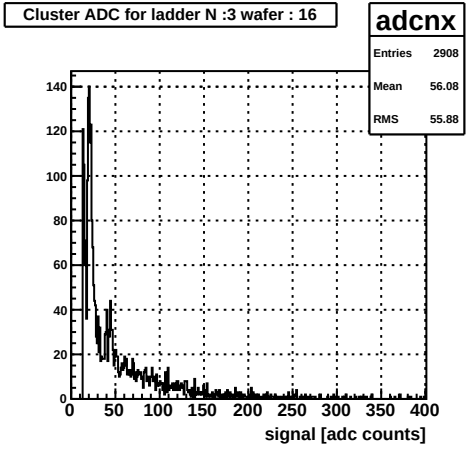

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2980
Mean 43.13
RMS 47.45
signal [adc counts]

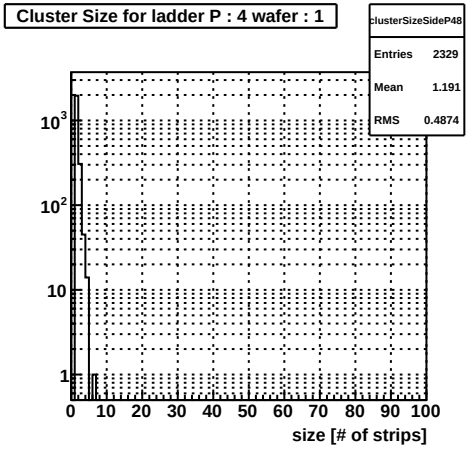

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2625
Mean 1.149
RMS 0.4666
size [# of strips]

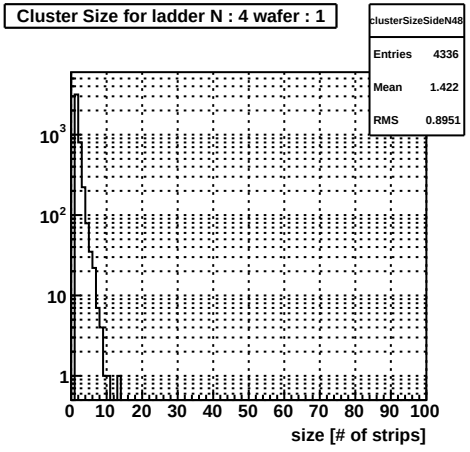

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2908
Mean 1.42
RMS 0.7057
size [# of strips]

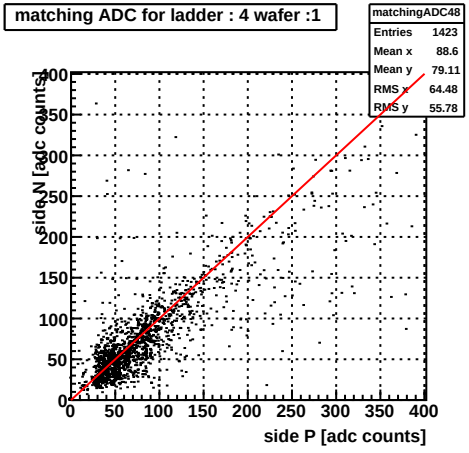

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 837
Mean x 78.44
Mean y 93.48
RMS x 52.5
RMS y 65.1
side N [adc counts]
side P [adc counts]

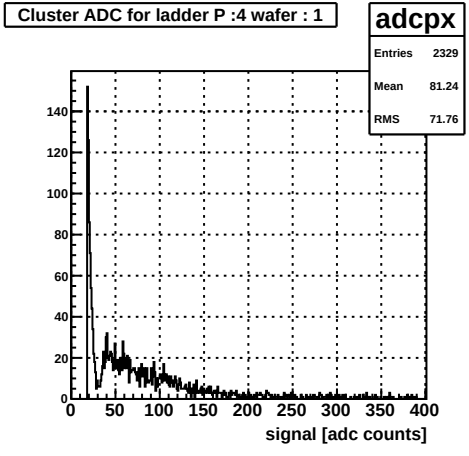

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2625
Mean 47.38
RMS 37.51
signal [adc counts]

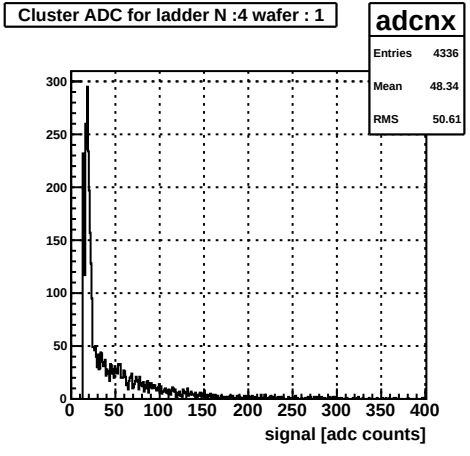

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2908
Mean 56.08
RMS 55.88
signal [adc counts]

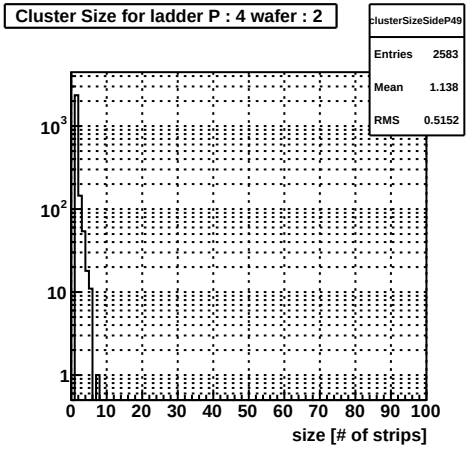

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2329
Mean 1.191
RMS 0.4874
size [# of strips]

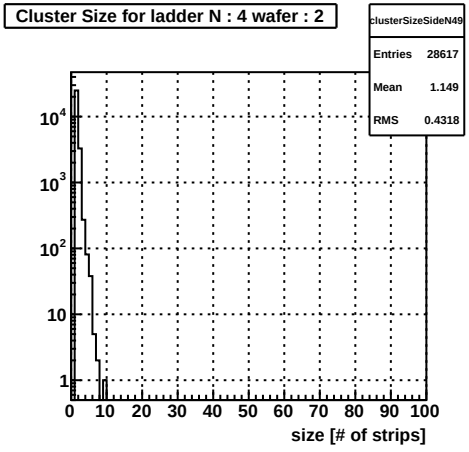

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4336
Mean 1.422
RMS 0.8951
size [# of strips]

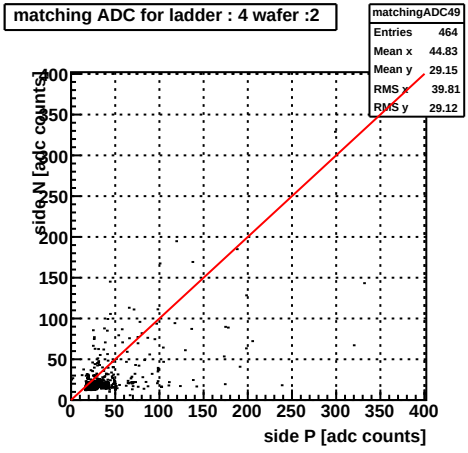

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1423
Mean x 88.6
Mean y 79.11
RMS x 64.48
RMS y 55.78
side N [adc counts]
side P [adc counts]

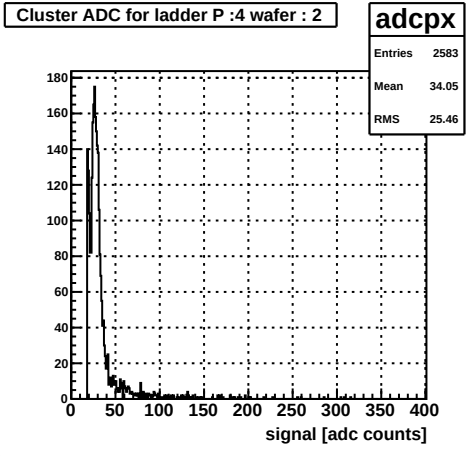

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2329
Mean 81.24
RMS 71.76
signal [adc counts]

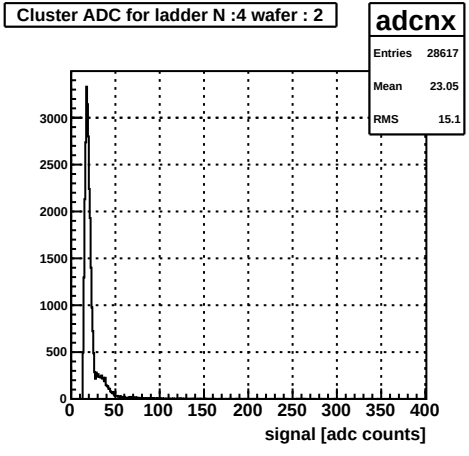

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4336
Mean 48.34
RMS 50.61
signal [adc counts]

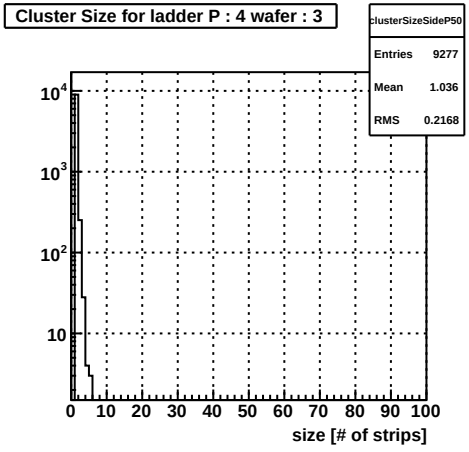

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2583
Mean 1.138
RMS 0.5152
size [# of strips]

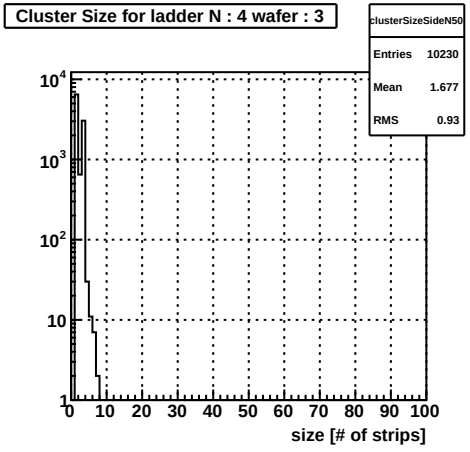

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 28617
Mean 1.149
RMS 0.4318
size [# of strips]

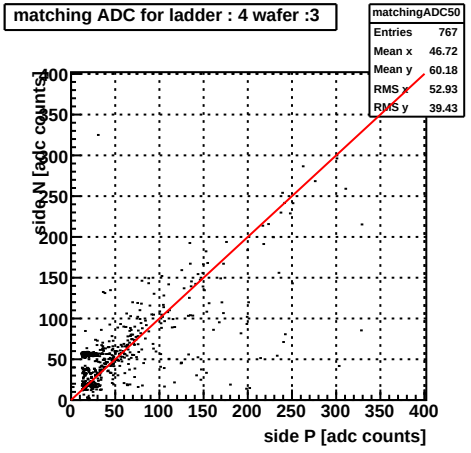

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 464
Mean x 44.83
Mean y 29.15
RMS x 39.81
RMS y 29.12
side N [adc counts]
side P [adc counts]

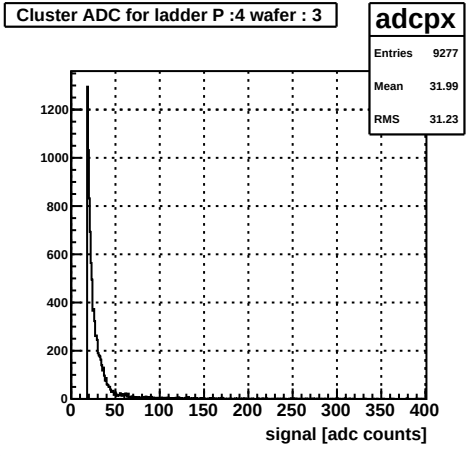

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2583
Mean 34.05
RMS 25.46
signal [adc counts]

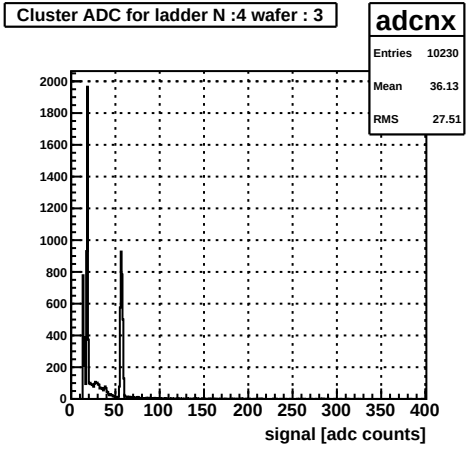

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 28617
Mean 23.05
RMS 15.1
signal [adc counts]

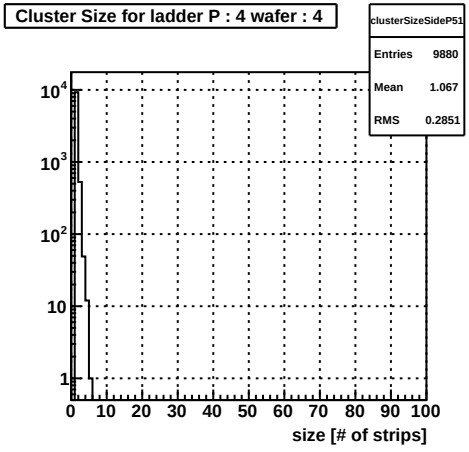

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9277
Mean 1.036
RMS 0.2168
size [# of strips]

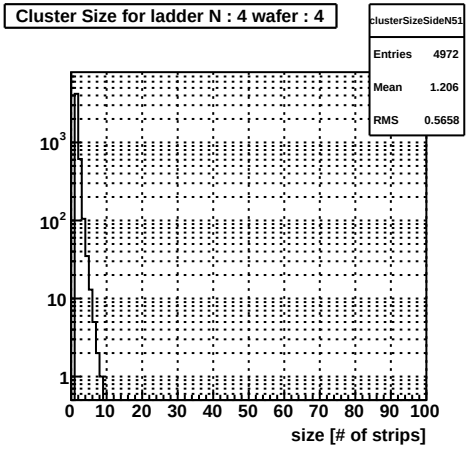

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 10230
Mean 1.677
RMS 0.93
size [# of strips]

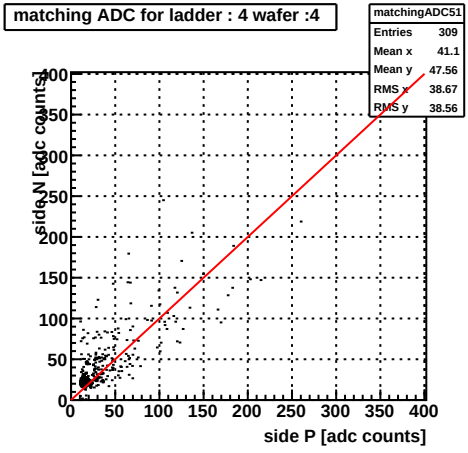

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 767
Mean x 46.72
Mean y 60.18
RMS x 52.93
RMS y 39.43
side N [adc counts]
side P [adc counts]

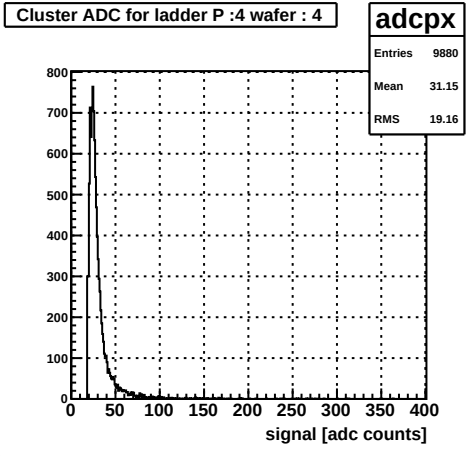

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9277
Mean 31.99
RMS 31.23
signal [adc counts]

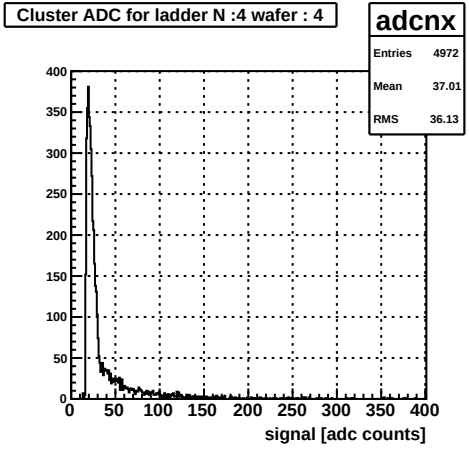

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 10230
Mean 36.13
RMS 27.51
signal [adc counts]

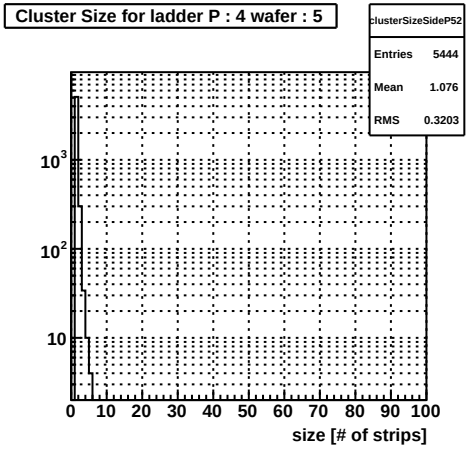

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 9880
Mean 1.067
RMS 0.2851
size [# of strips]

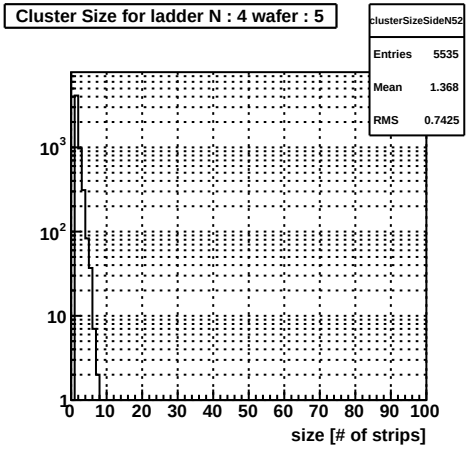

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4972
Mean 1.206
RMS 0.5658
size [# of strips]

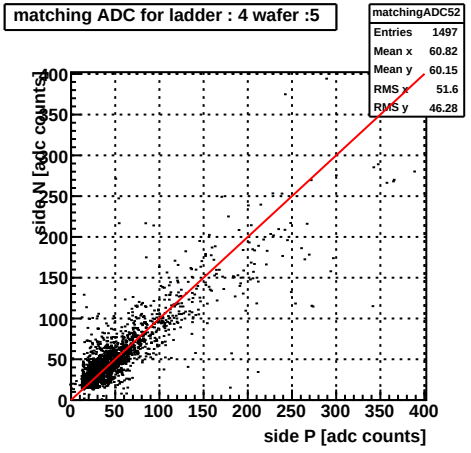

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 309
Mean x 41.1
Mean y 47.56
RMS x 38.67
RMS y 38.56
side N [adc counts]
side P [adc counts]

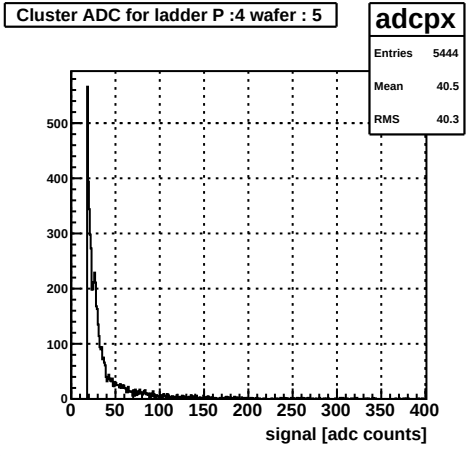

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 9880
Mean 31.15
RMS 19.16
signal [adc counts]

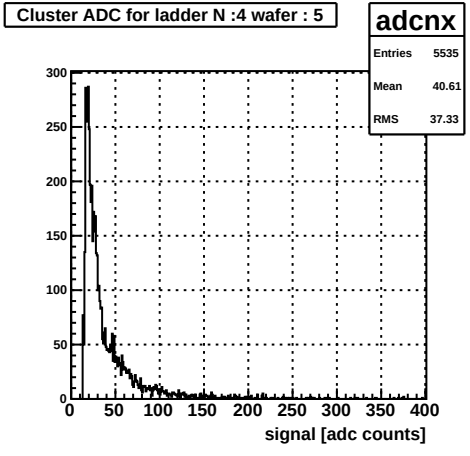

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4972
Mean 37.01
RMS 36.13
signal [adc counts]

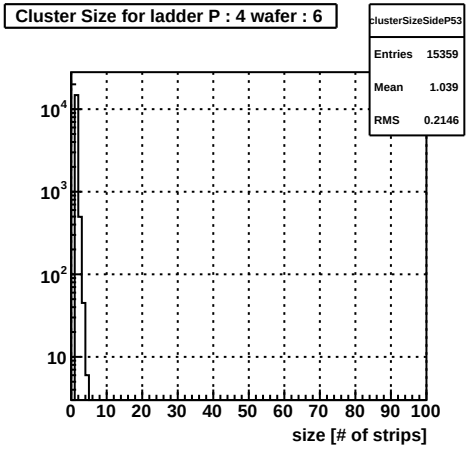

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5444
Mean 1.076
RMS 0.3203
size [# of strips]

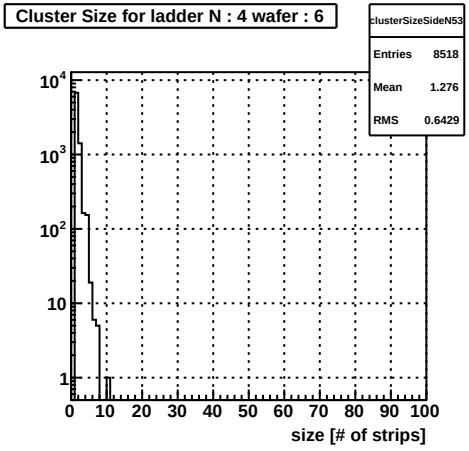

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5535
Mean 1.368
RMS 0.7425
size [# of strips]

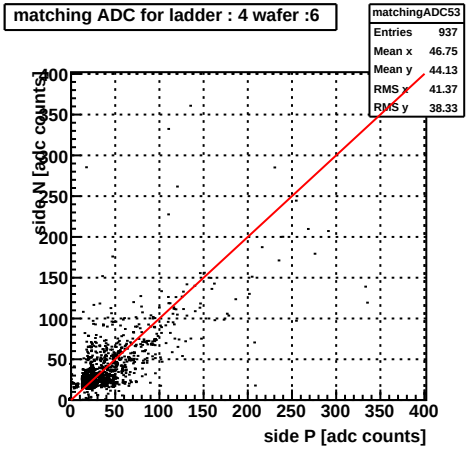

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1497
Mean x 60.82
Mean y 60.15
RMS x 51.6
RMS y 46.28
side N [adc counts]
side P [adc counts]

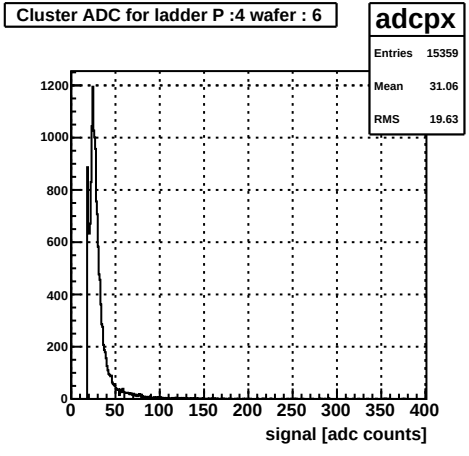

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5444
Mean 40.5
RMS 40.3
signal [adc counts]

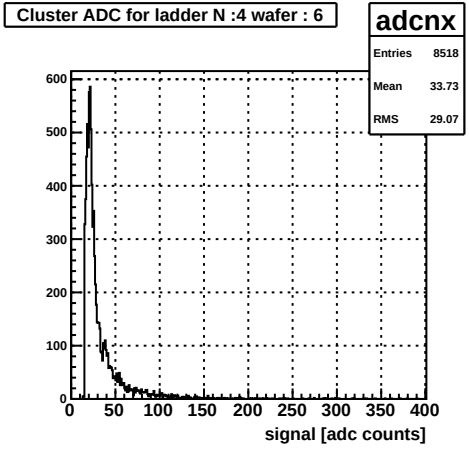

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5535
Mean 40.61
RMS 37.33
signal [adc counts]

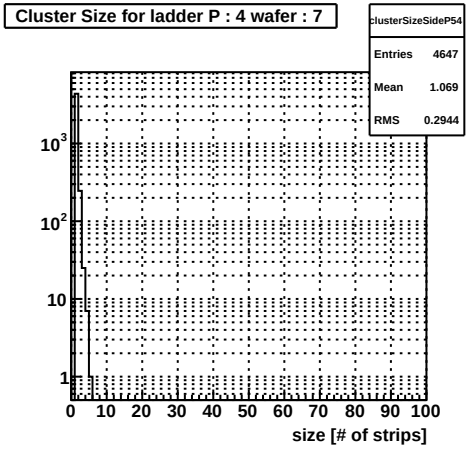

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15359
Mean 1.039
RMS 0.2146
size [# of strips]

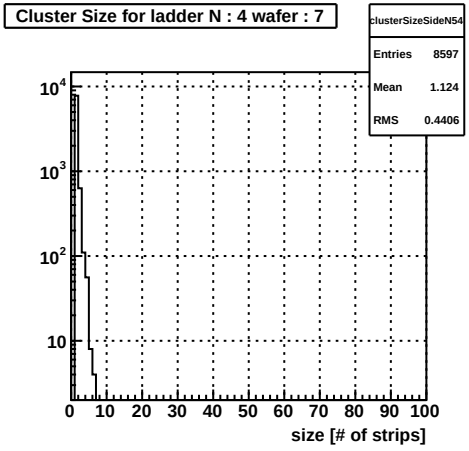

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8518
Mean 1.276
RMS 0.6429
size [# of strips]

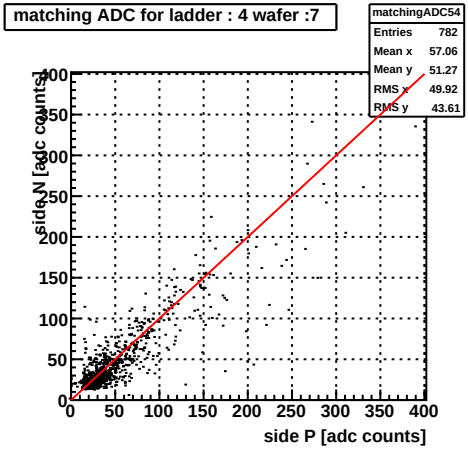

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 937
Mean x 46.75
Mean y 44.13
RMS x 41.37
RMS y 38.33
side N [adc counts]
side P [adc counts]

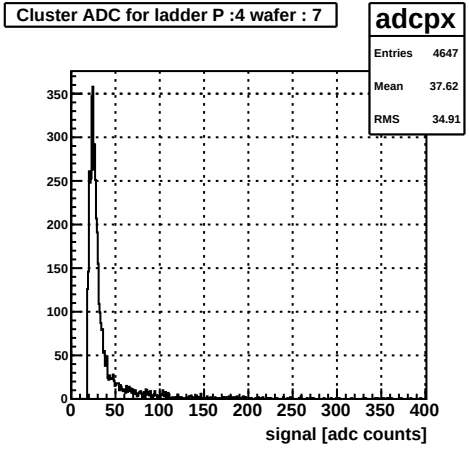

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15359
Mean 31.06
RMS 19.63
signal [adc counts]

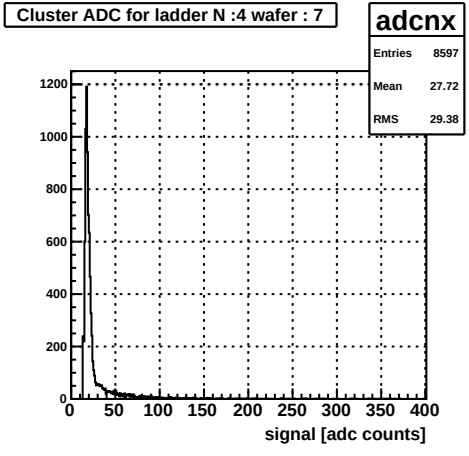

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8518
Mean 33.73
RMS 29.07
signal [adc counts]

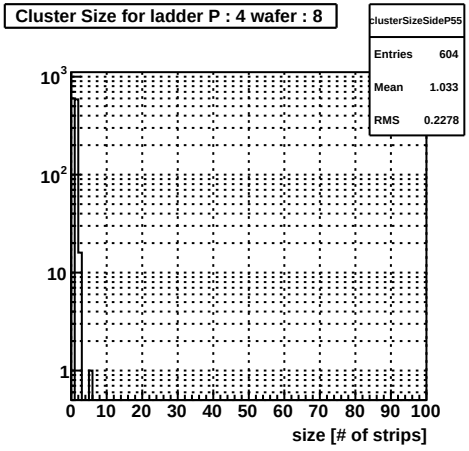

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4647
Mean 1.069
RMS 0.2944
size [# of strips]

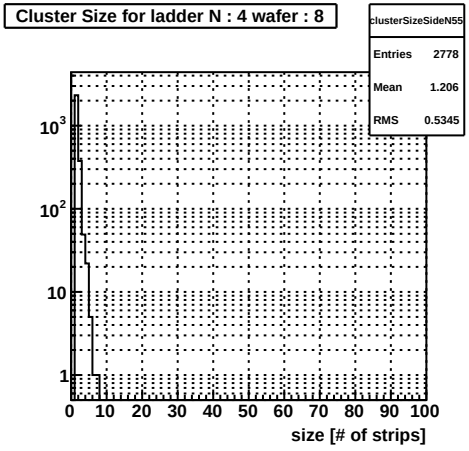

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 8597
Mean 1.124
RMS 0.4406
size [# of strips]

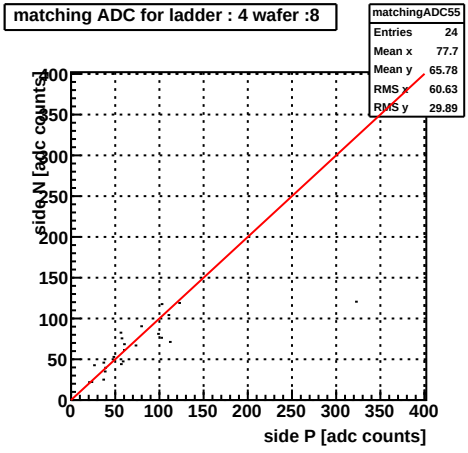

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 782
Mean x 57.06
Mean y 51.27
RMS x 49.92
RMS y 43.61
side N [adc counts]
side P [adc counts]

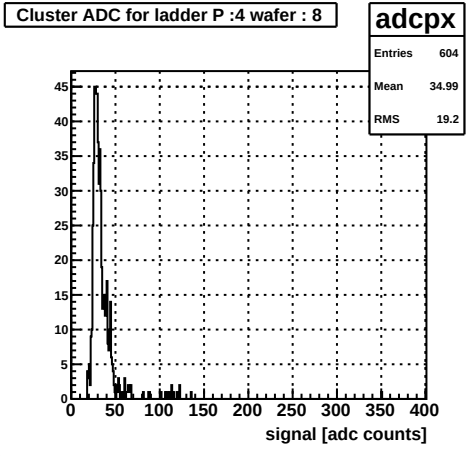

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4647
Mean 37.62
RMS 34.91
signal [adc counts]

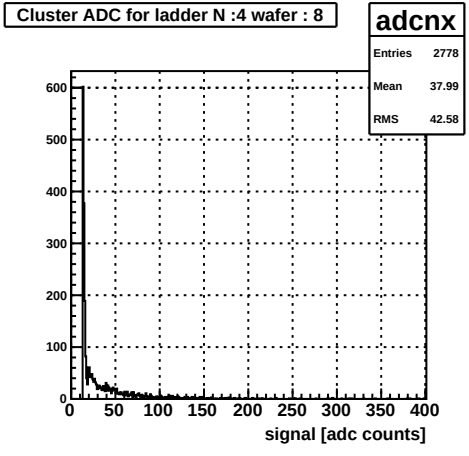

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 8597
Mean 27.72
RMS 29.38
signal [adc counts]

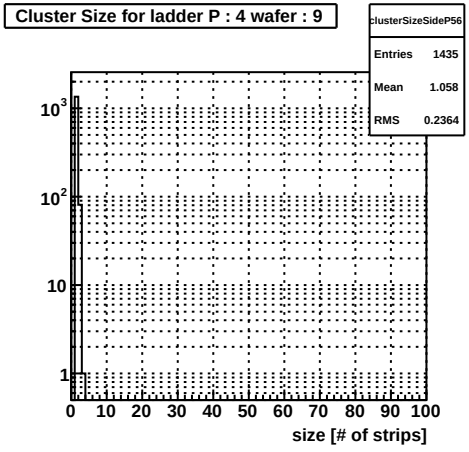

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 604
Mean 1.033
RMS 0.2278
size [# of strips]

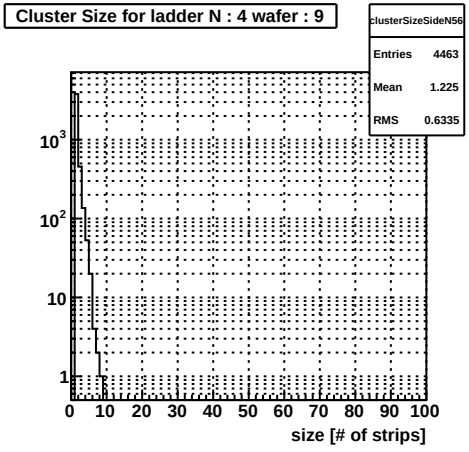

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2778
Mean 1.206
RMS 0.5345
size [# of strips]

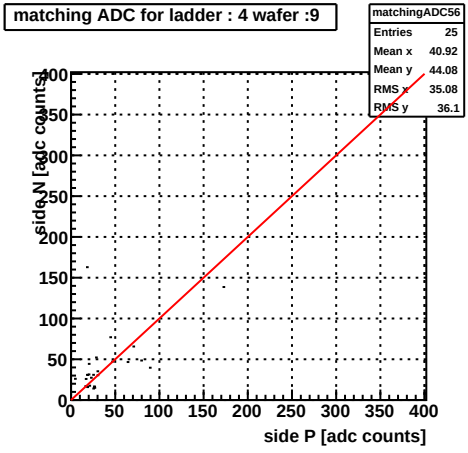

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 24
Mean x 77.7
Mean y 65.78
RMS x 60.63
RMS y 29.89
side N [adc counts]
side P [adc counts]

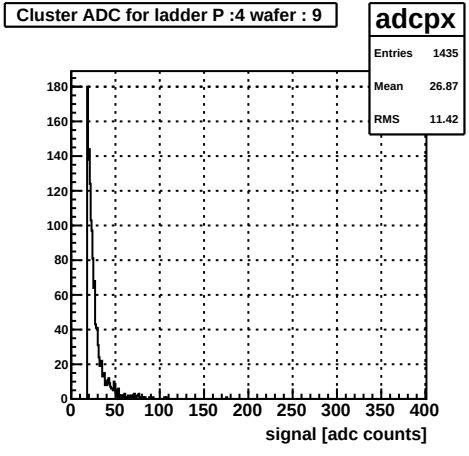

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 604
Mean 34.99
RMS 19.2
signal [adc counts]

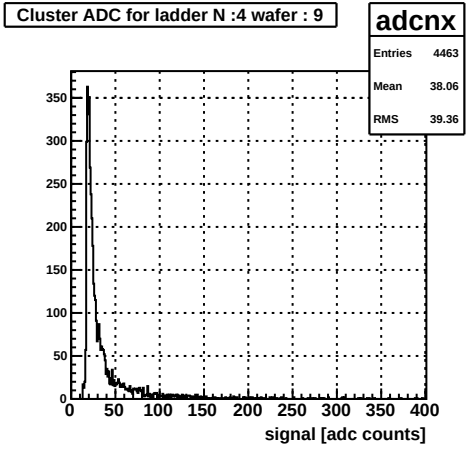

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2778
Mean 37.99
RMS 42.58
signal [adc counts]

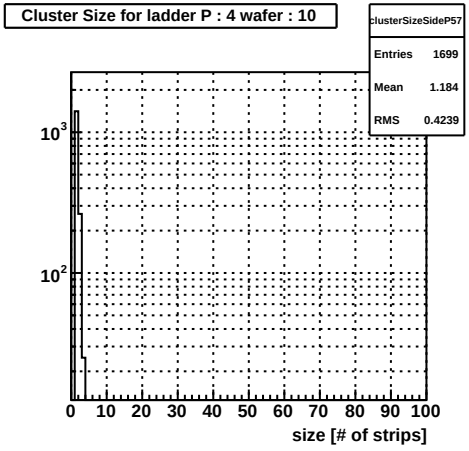

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1435
Mean 1.058
RMS 0.2364
size [# of strips]

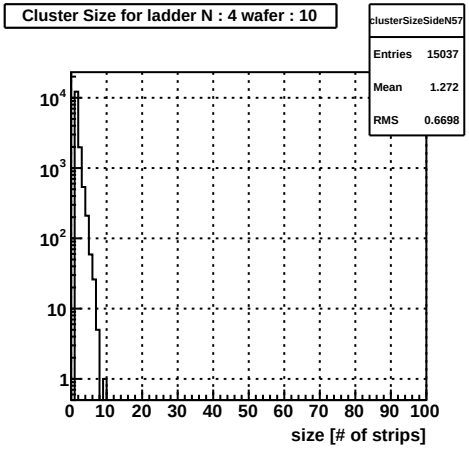

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4463
Mean 1.225
RMS 0.6335
size [# of strips]

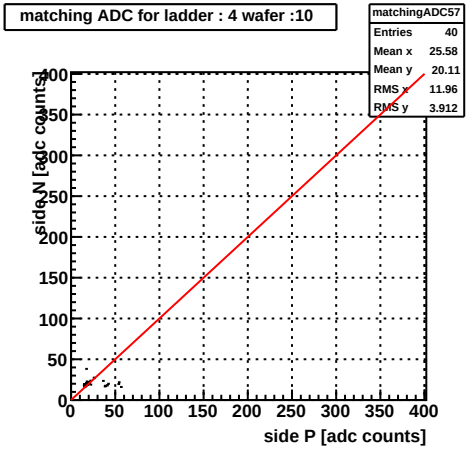

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 25
Mean x 40.92
Mean y 44.08
RMS x 35.08
RMS y 36.1
side N [adc counts]
side P [adc counts]

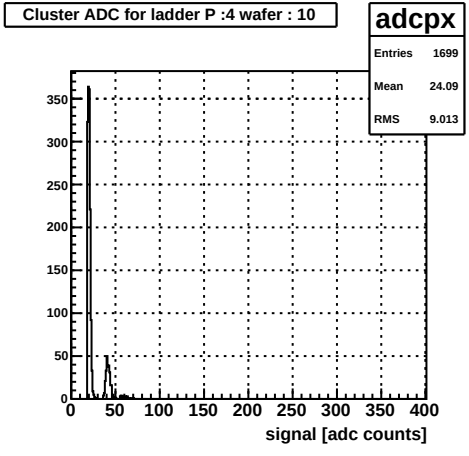

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1435
Mean 26.87
RMS 11.42
signal [adc counts]

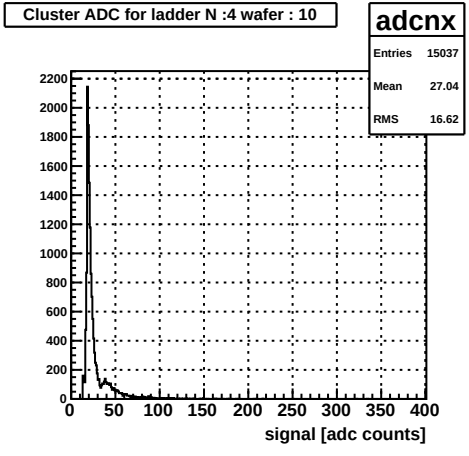

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4463
Mean 38.06
RMS 39.36
signal [adc counts]

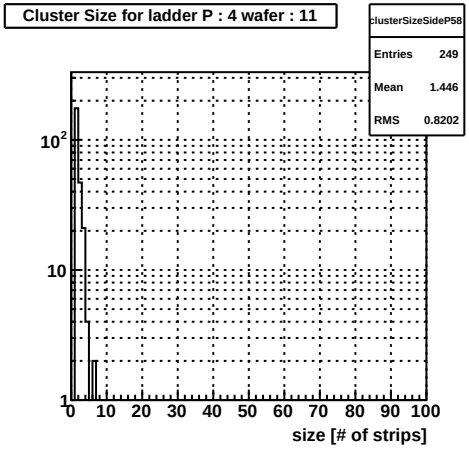

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1699
Mean 1.184
RMS 0.4239
size [# of strips]

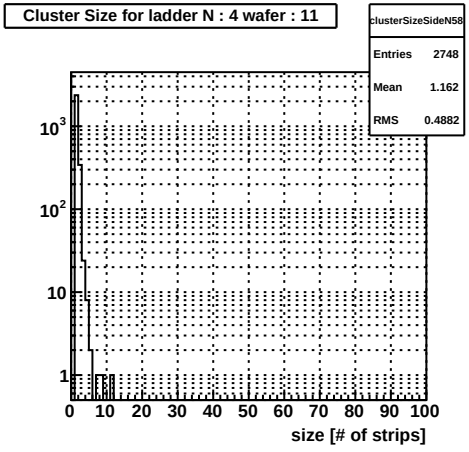

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15037
Mean 1.272
RMS 0.6698
size [# of strips]

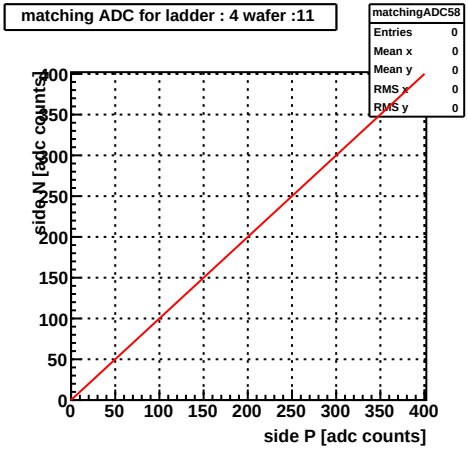

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 40
Mean x 25.58
Mean y 20.11
RMS x 11.96
RMS y 3.912
side N [adc counts]
side P [adc counts]

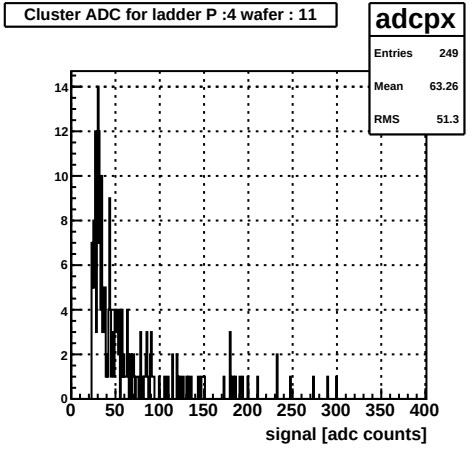

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1699
Mean 24.09
RMS 9.013
signal [adc counts]

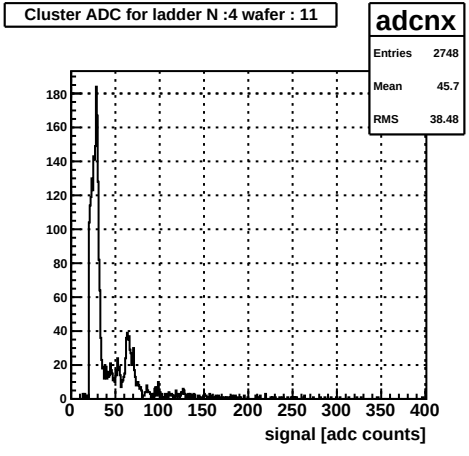

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15037
Mean 27.04
RMS 16.62
signal [adc counts]

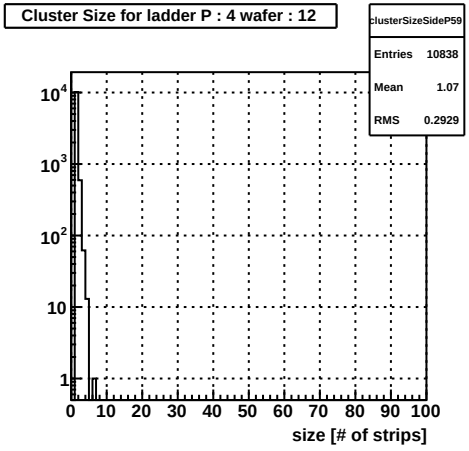

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 249
Mean 1.446
RMS 0.8202
size [# of strips]

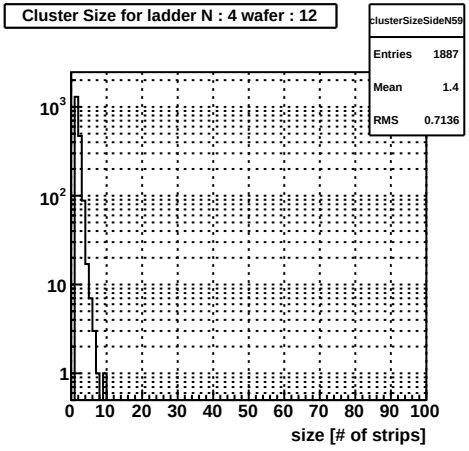

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2748
Mean 1.162
RMS 0.4882
size [# of strips]

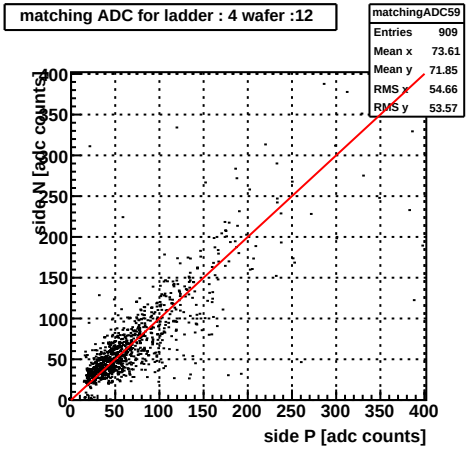

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

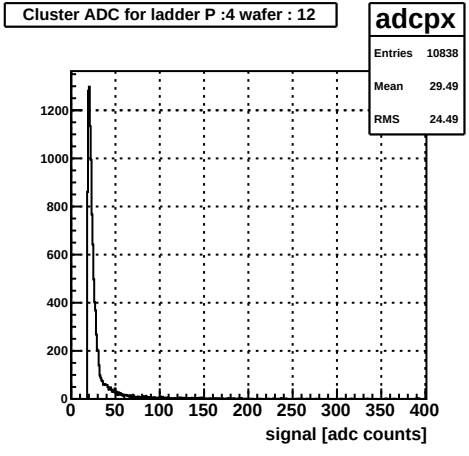

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 249
Mean 63.26
RMS 51.3
signal [adc counts]

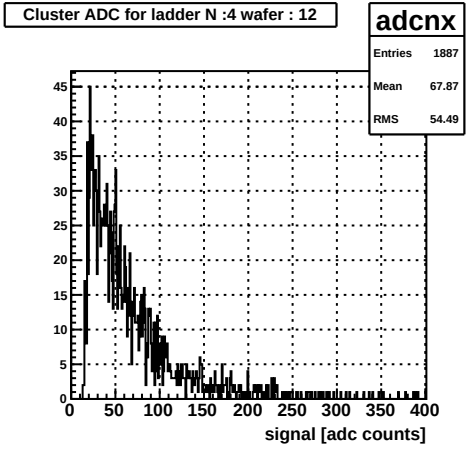

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2748
Mean 45.7
RMS 38.48
signal [adc counts]

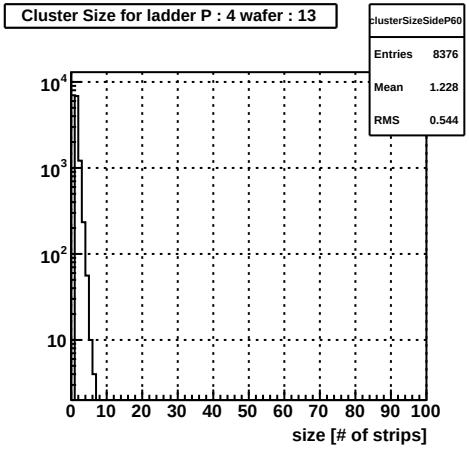

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10838
Mean 1.07
RMS 0.2929
size [# of strips]

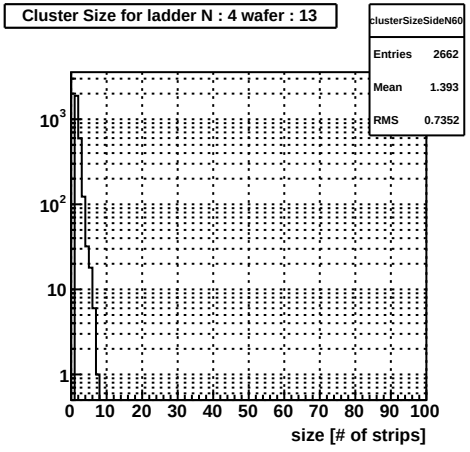

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1887
Mean 1.4
RMS 0.7136
size [# of strips]

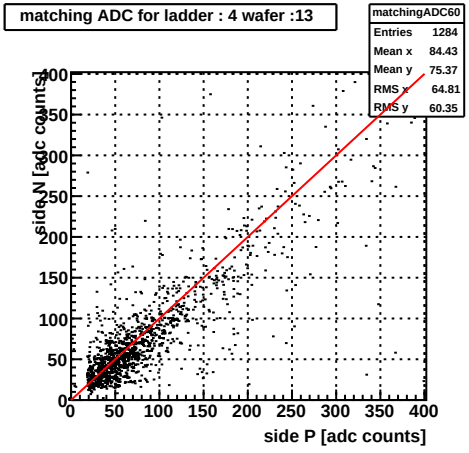

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 909
Mean x 73.61
Mean y 71.85
RMS x 54.66
RMS y 53.57
side N [adc counts]
side P [adc counts]

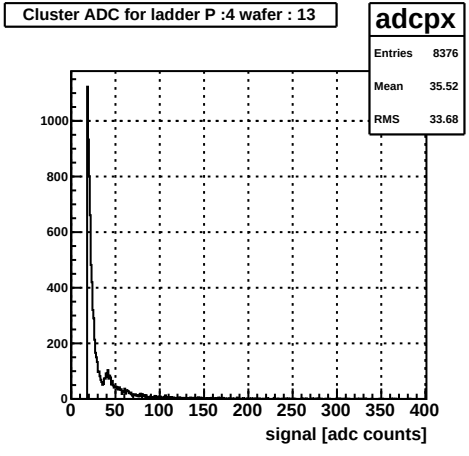

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10838
Mean 29.49
RMS 24.49
signal [adc counts]

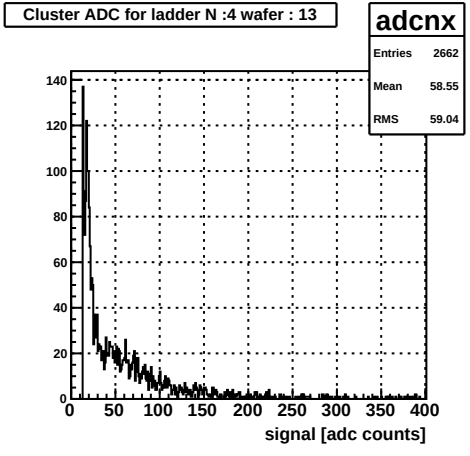

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1887
Mean 67.87
RMS 54.49
signal [adc counts]

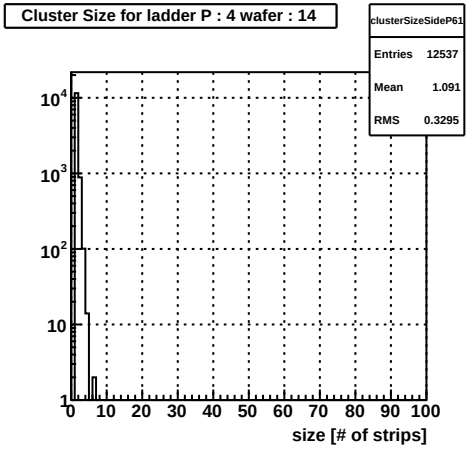

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8376
Mean 1.228
RMS 0.544
size [# of strips]

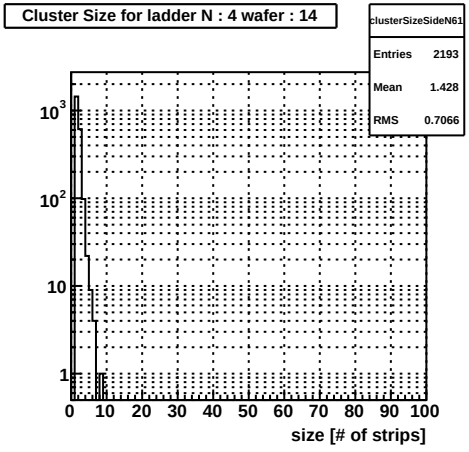

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2662
Mean 1.393
RMS 0.7352
size [# of strips]

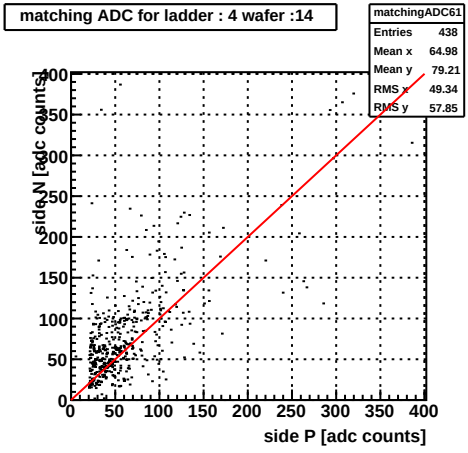

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1284
Mean x 84.43
Mean y 75.37
RMS x 64.81
RMS y 60.35
side N [adc counts]
side P [adc counts]

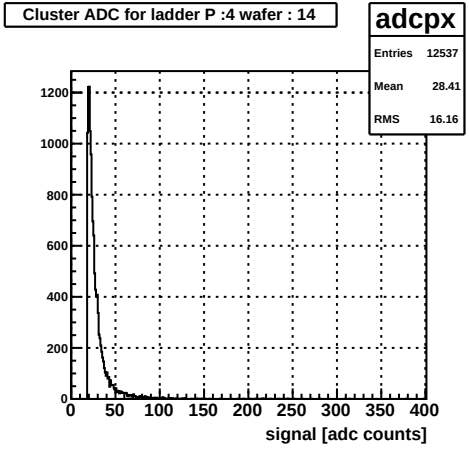

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8376
Mean 35.52
RMS 33.68
signal [adc counts]

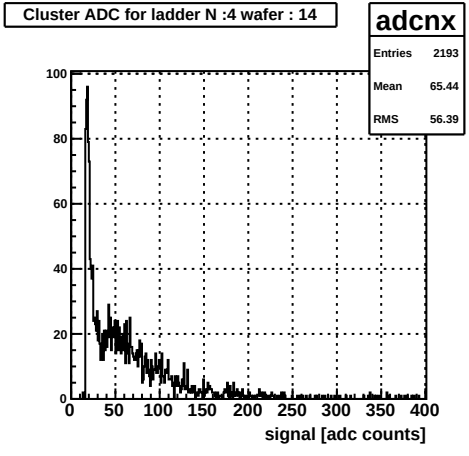

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2662
Mean 58.55
RMS 59.04
signal [adc counts]

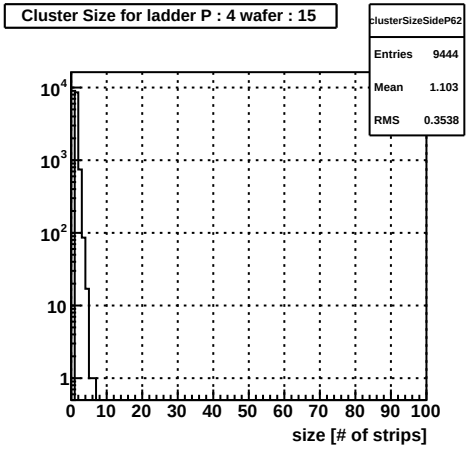

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 12537
Mean 1.091
RMS 0.3295
size [# of strips]

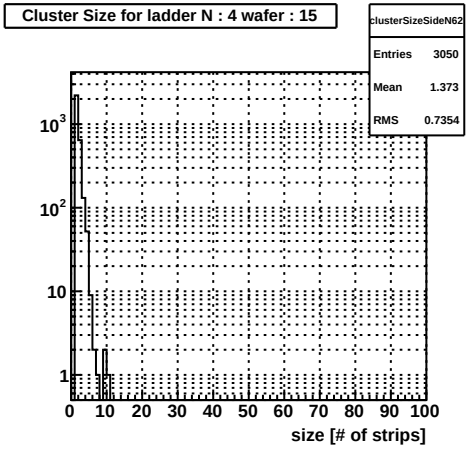

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2193
Mean 1.428
RMS 0.7066
size [# of strips]

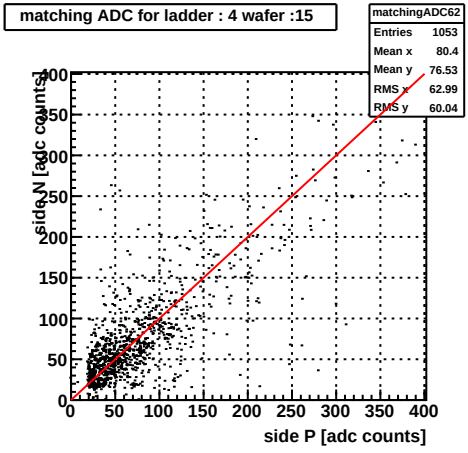

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 438
Mean x 64.98
Mean y 79.21
RMS x 49.34
RMS y 57.85
side N [adc counts]
side P [adc counts]

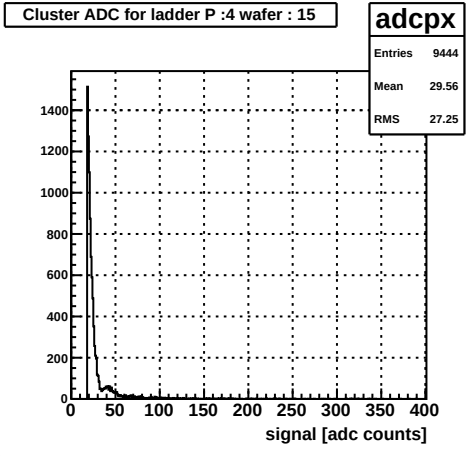

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 12537
Mean 28.41
RMS 16.16
signal [adc counts]

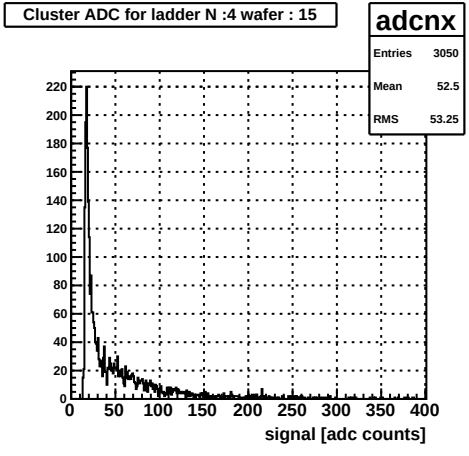

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2193
Mean 65.44
RMS 56.39
signal [adc counts]

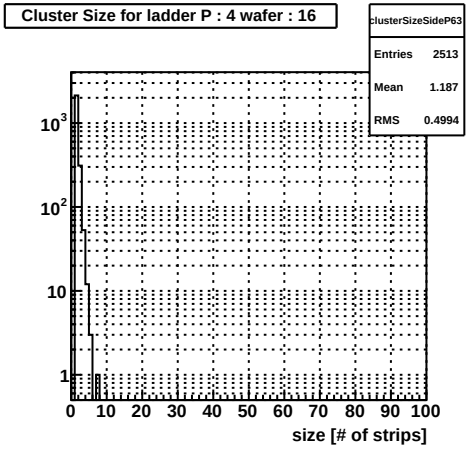

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9444
Mean 1.103
RMS 0.3538
size [# of strips]

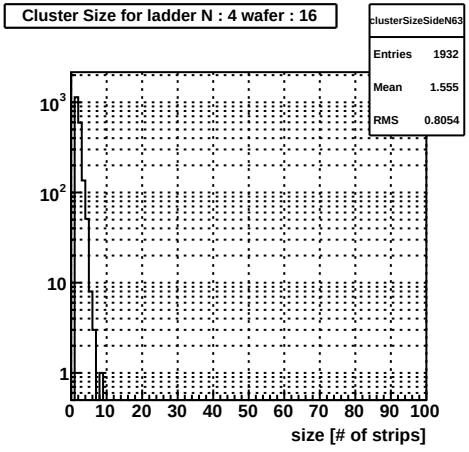

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3050
Mean 1.373
RMS 0.7354
size [# of strips]

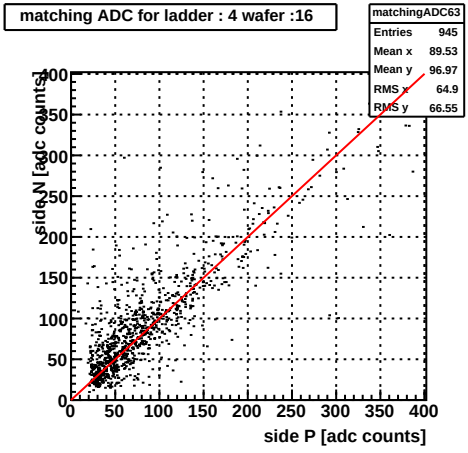

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1053
Mean x 80.4
Mean y 76.53
RMS x 62.99
RMS y 60.04
side N [adc counts]
side P [adc counts]

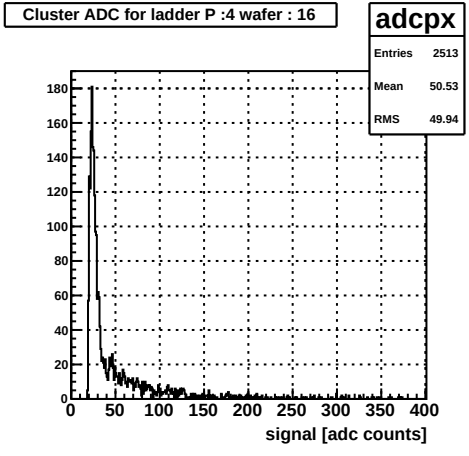

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9444
Mean 29.56
RMS 27.25
signal [adc counts]

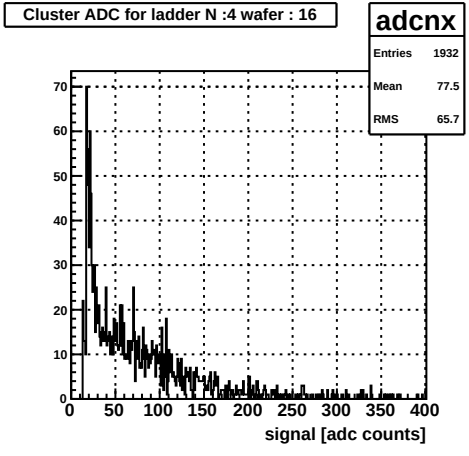

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3050
Mean 52.5
RMS 53.25
signal [adc counts]

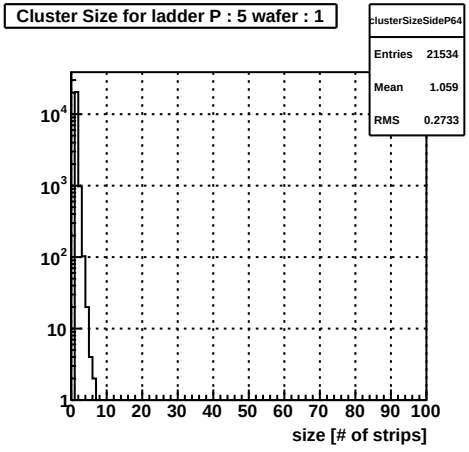

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2513
Mean 1.187
RMS 0.4994
size [# of strips]

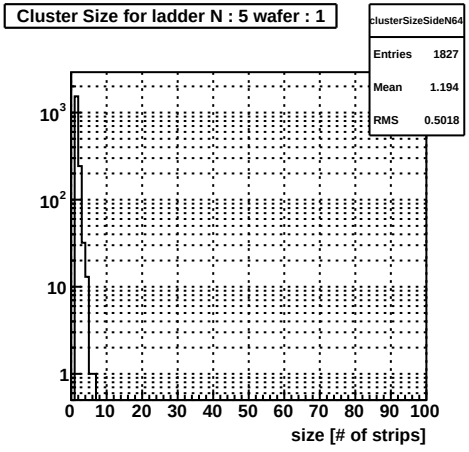

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1932
Mean 1.555
RMS 0.8054
size [# of strips]

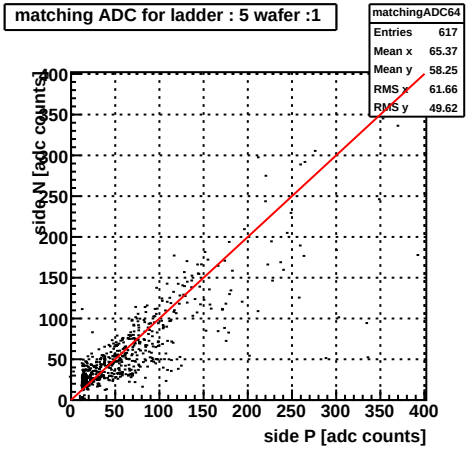

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 945
Mean x 89.53
Mean y 96.97
RMS x 64.9
RMS y 66.55
side N [adc counts]
side P [adc counts]

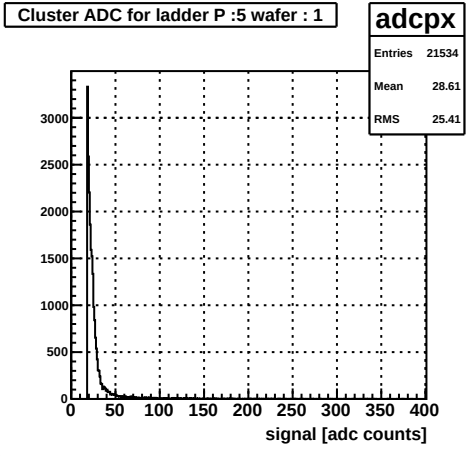

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2513
Mean 50.53
RMS 49.94
signal [adc counts]

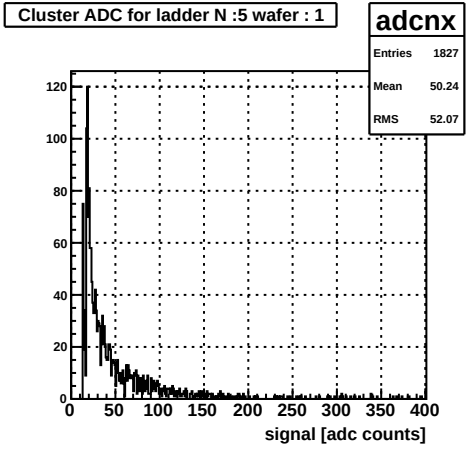

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1932
Mean 77.5
RMS 65.7
signal [adc counts]

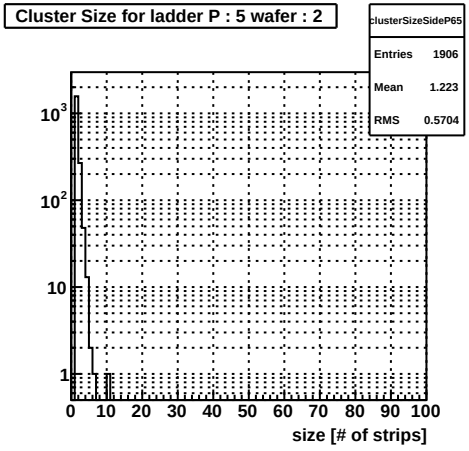

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21534
Mean 1.059
RMS 0.2733
size [# of strips]

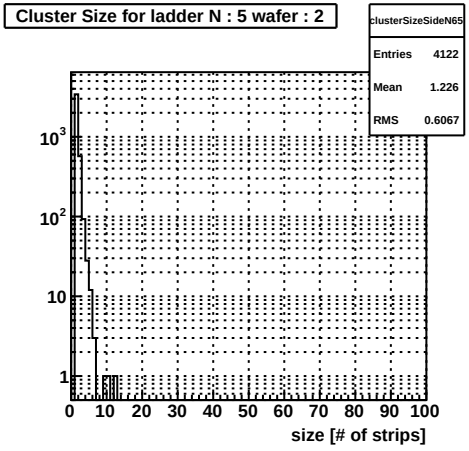

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1827
Mean 1.194
RMS 0.5018
size [# of strips]

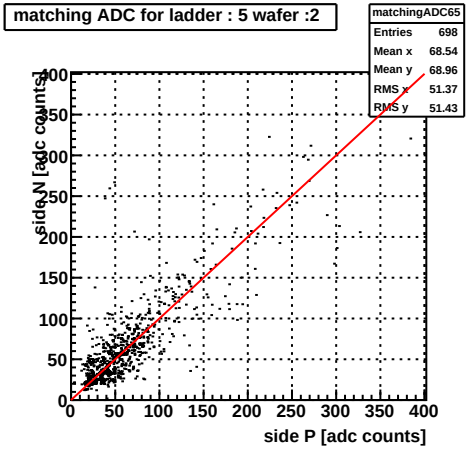

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 617
Mean x 65.37
Mean y 58.25
RMS x 61.66
RMS y 49.62
side N [adc counts]
side P [adc counts]

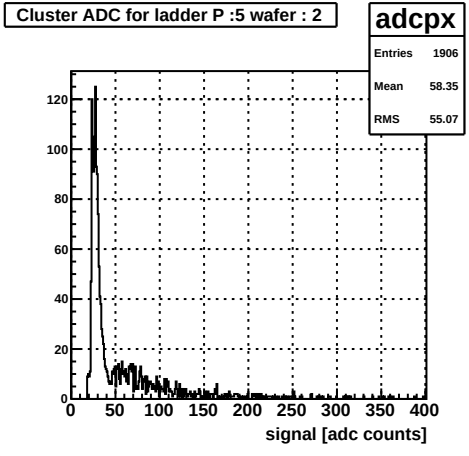

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21534
Mean 28.61
RMS 25.41
signal [adc counts]

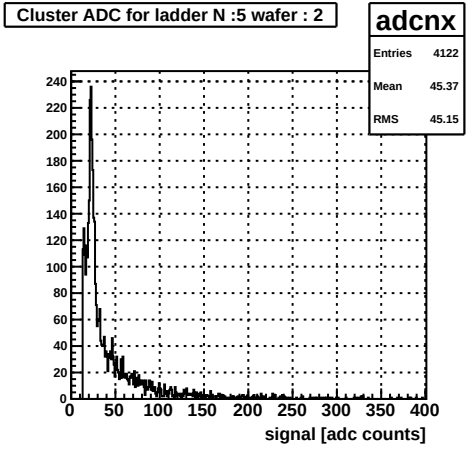

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1827
Mean 50.24
RMS 52.07
signal [adc counts]

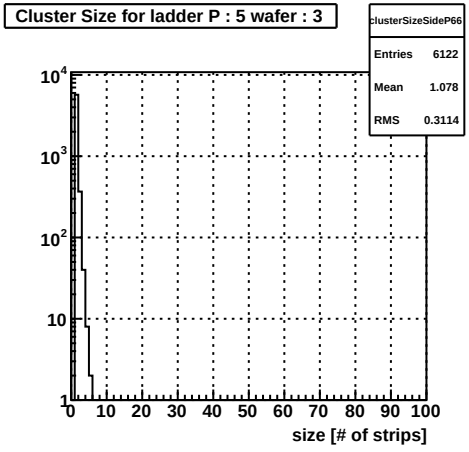

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1906
Mean 1.223
RMS 0.5704
size [# of strips]

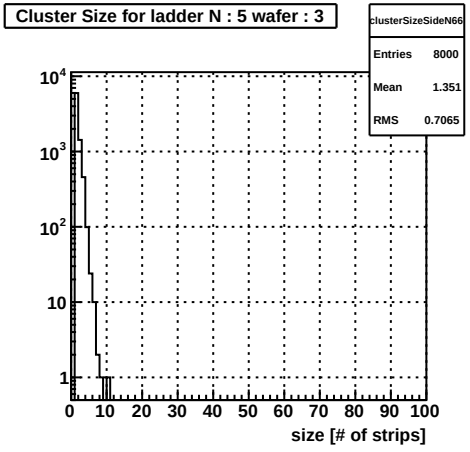

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4122
Mean 1.226
RMS 0.6067
size [# of strips]

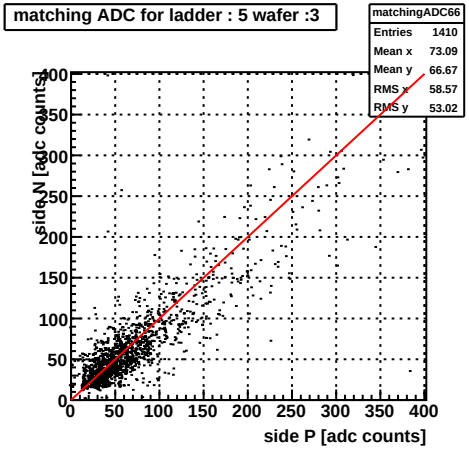

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 698
Mean x 68.54
Mean y 68.96
RMS x 51.37
RMS y 51.43
side N [adc counts]
side P [adc counts]

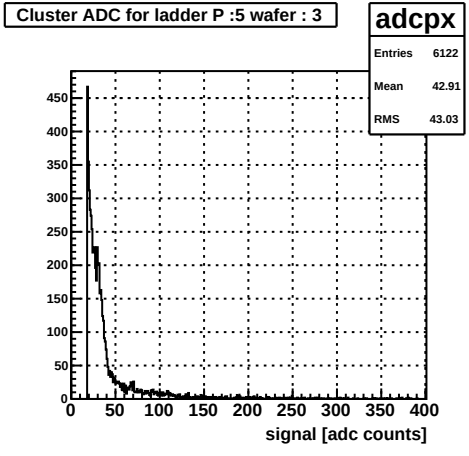

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1906
Mean 58.35
RMS 55.07
signal [adc counts]

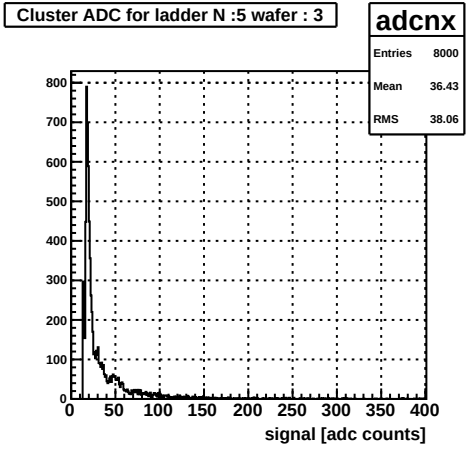

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4122
Mean 45.37
RMS 45.15
signal [adc counts]

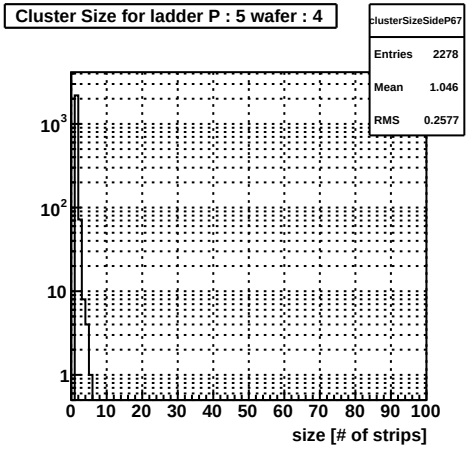

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6122
Mean 1.078
RMS 0.3114
size [# of strips]

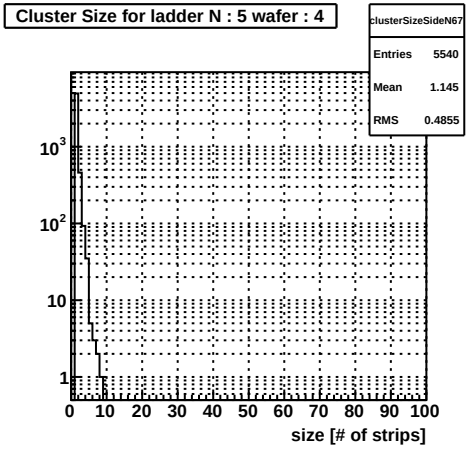

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8000
Mean 1.351
RMS 0.7065
size [# of strips]

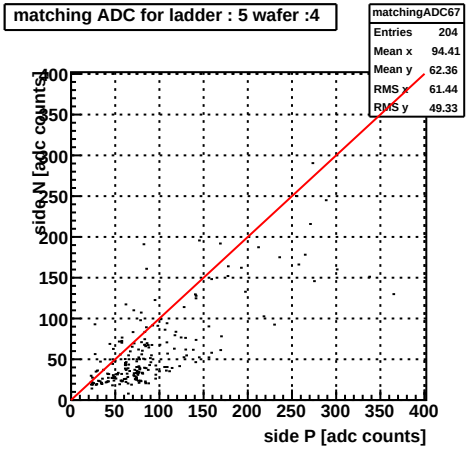

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1410
Mean x 73.09
Mean y 66.67
RMS x 58.57
RMS y 53.02
side N [adc counts]
side P [adc counts]

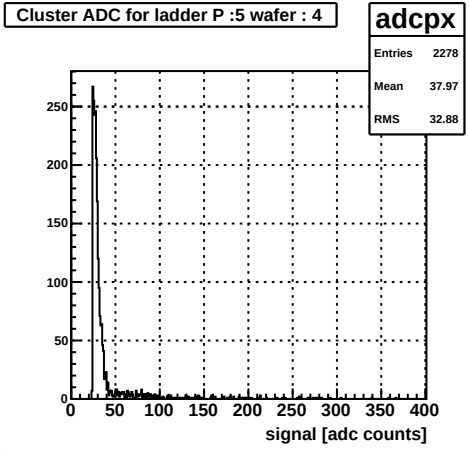

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6122
Mean 42.91
RMS 43.03
signal [adc counts]

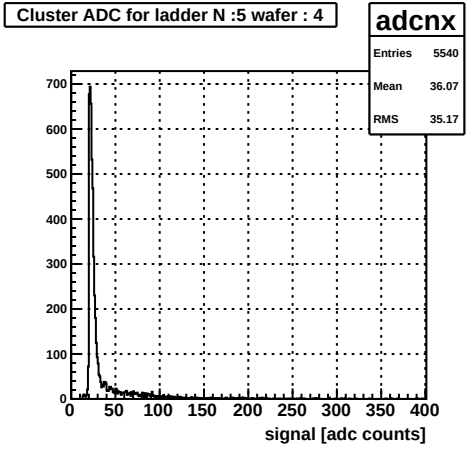

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8000
Mean 36.43
RMS 38.06
signal [adc counts]

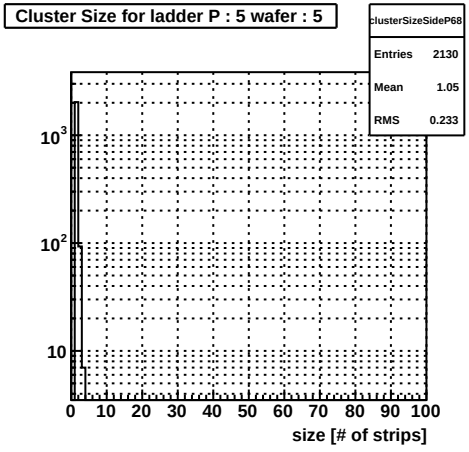

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 2278
Mean 1.046
RMS 0.2577
size [# of strips]

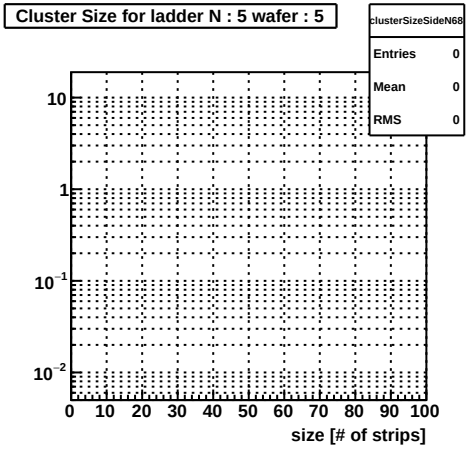

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5540
Mean 1.145
RMS 0.4855
size [# of strips]

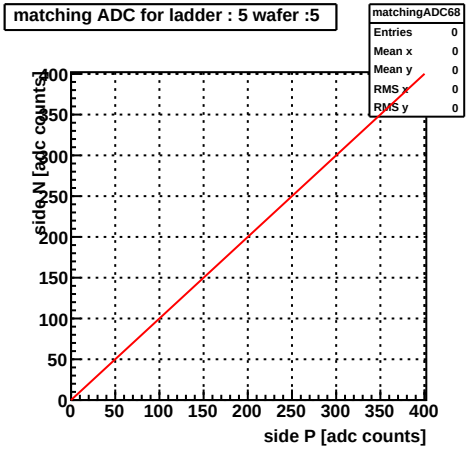

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 204
Mean x 94.41
Mean y 62.36
RMS x 61.44
RMS y 49.33
side N [adc counts]
side P [adc counts]

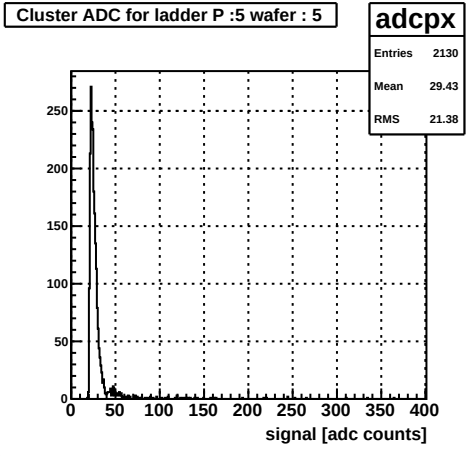

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 2278
Mean 37.97
RMS 32.88
signal [adc counts]

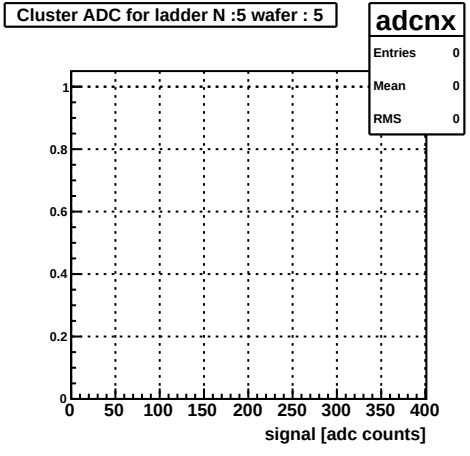

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5540
Mean 36.07
RMS 35.17
signal [adc counts]

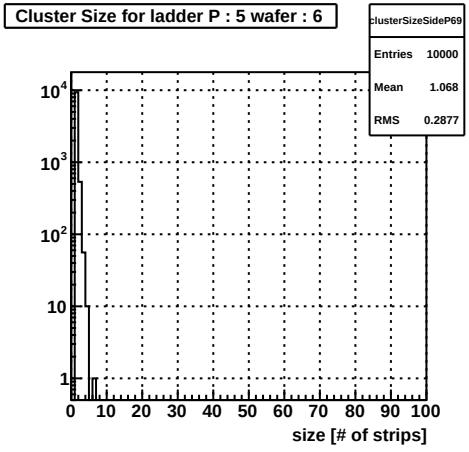

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 2130
Mean 1.05
RMS 0.233
size [# of strips]

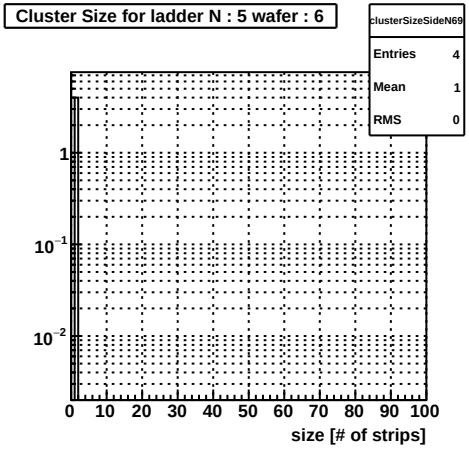

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

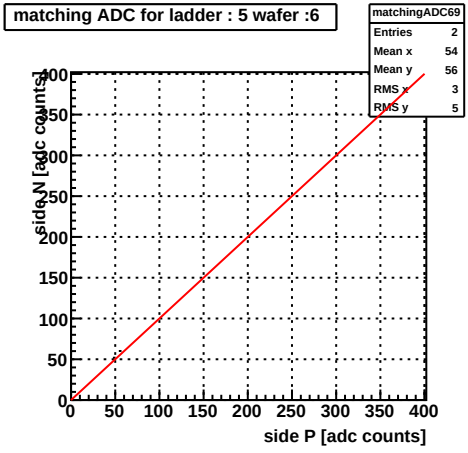

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

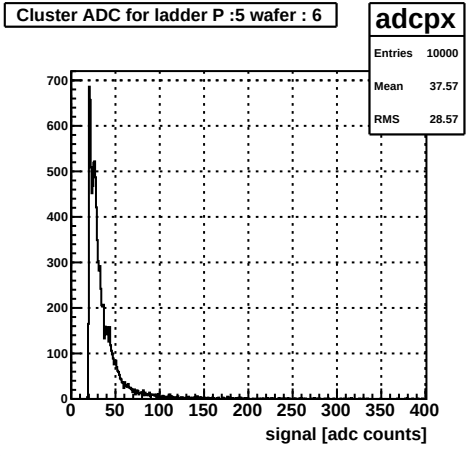

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 2130
Mean 29.43
RMS 21.38
signal [adc counts]

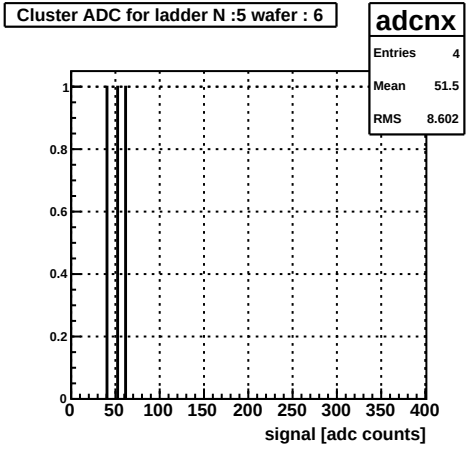

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

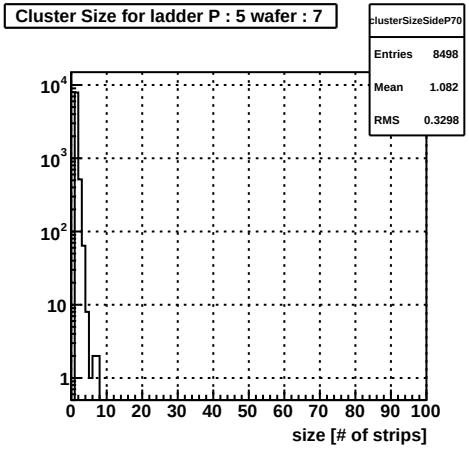

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10000
Mean 1.068
RMS 0.2877
size [# of strips]

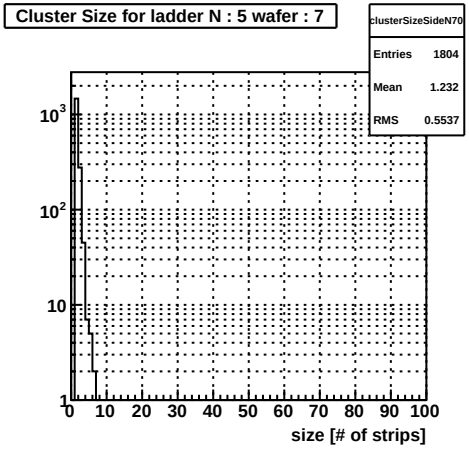

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4
Mean 1
RMS 0
size [# of strips]

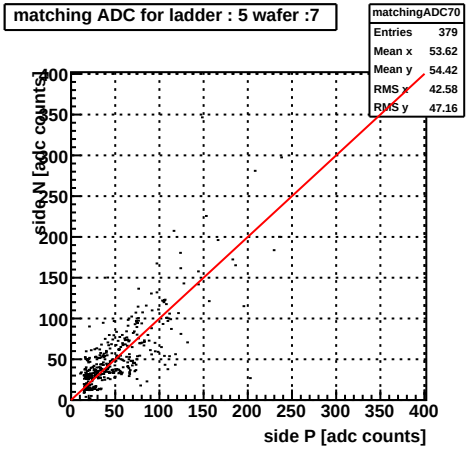

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2
Mean x 54
Mean y 56
RMS x 3
RMS y 5
side N [adc counts]
side P [adc counts]

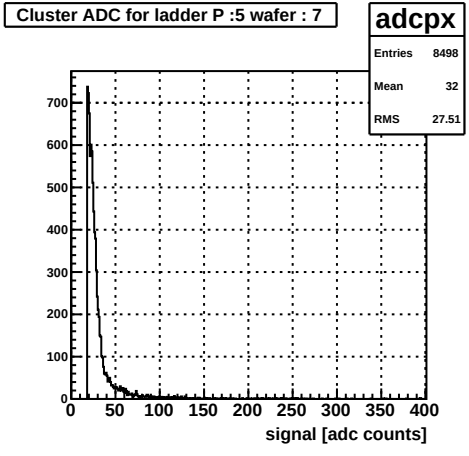

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10000
Mean 37.57
RMS 28.57
signal [adc counts]

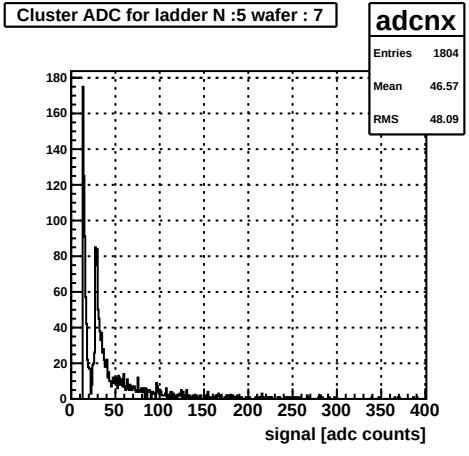

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4
Mean 51.5
RMS 8.602
signal [adc counts]

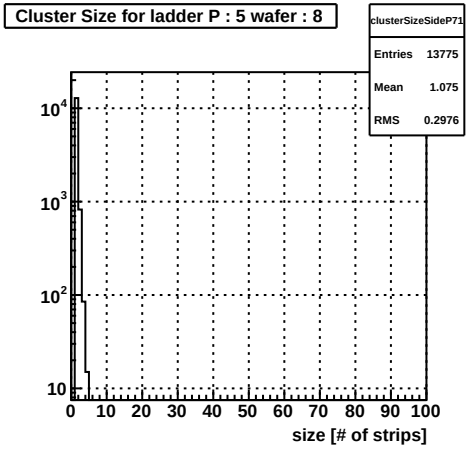

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8498
Mean 1.082
RMS 0.3298
size [# of strips]

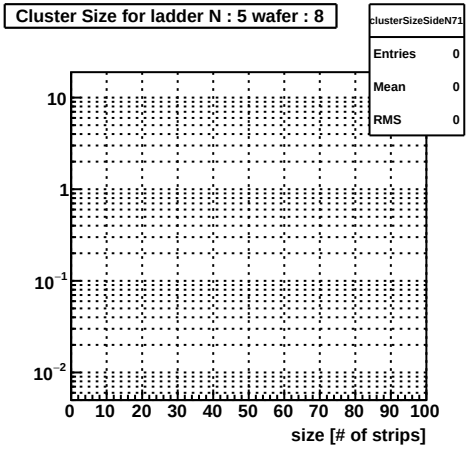

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1804
Mean 1.232
RMS 0.5537
size [# of strips]

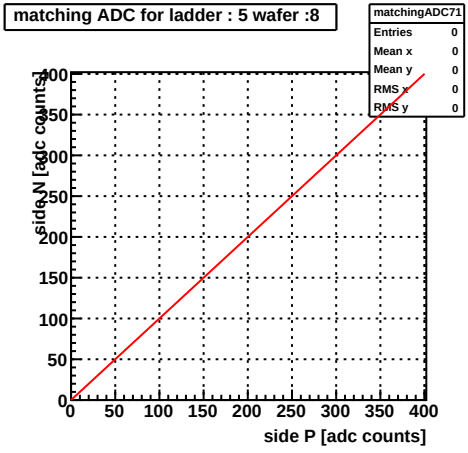

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 379
Mean x 53.62
Mean y 54.42
RMS x 42.58
RMS y 47.16
side N [adc counts]
side P [adc counts]

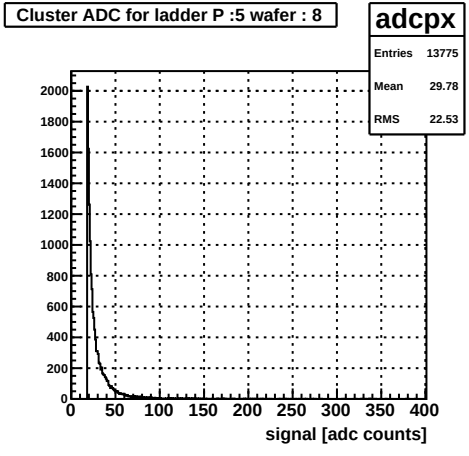

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8498
Mean 32
RMS 27.51
signal [adc counts]

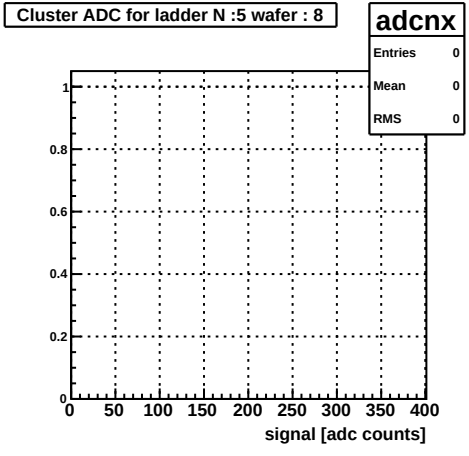

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1804
Mean 46.57
RMS 48.09
signal [adc counts]

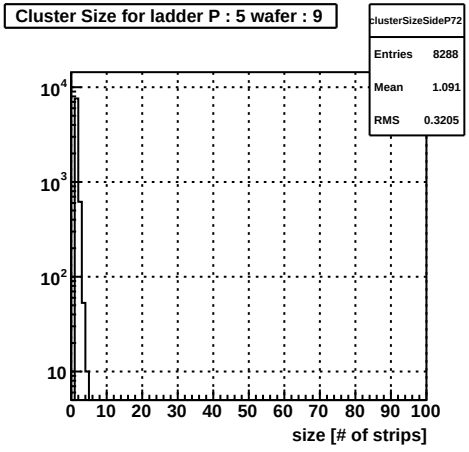

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13775
Mean 1.075
RMS 0.2976
size [# of strips]

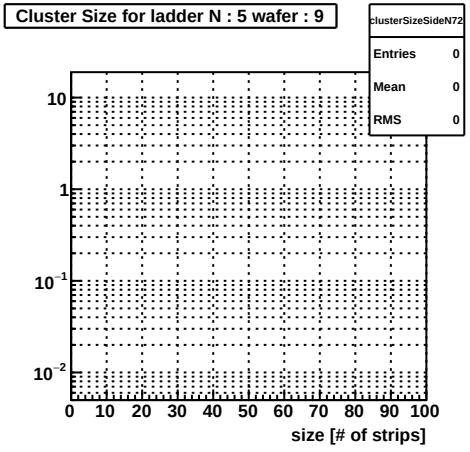

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

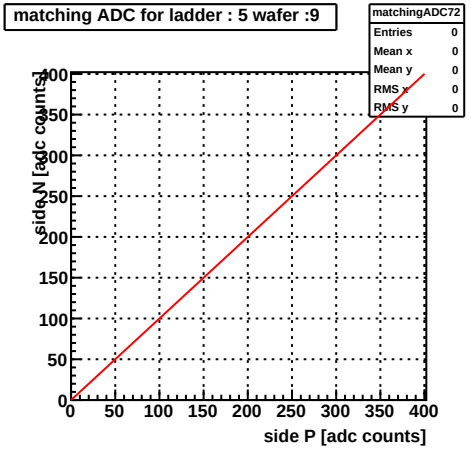

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

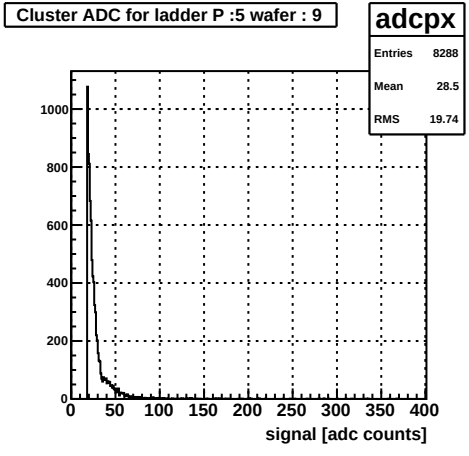

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13775
Mean 29.78
RMS 22.53
signal [adc counts]

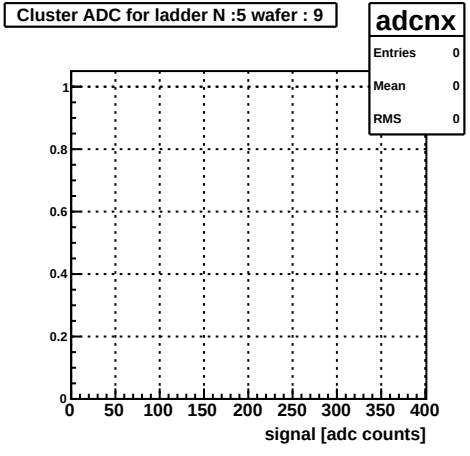

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

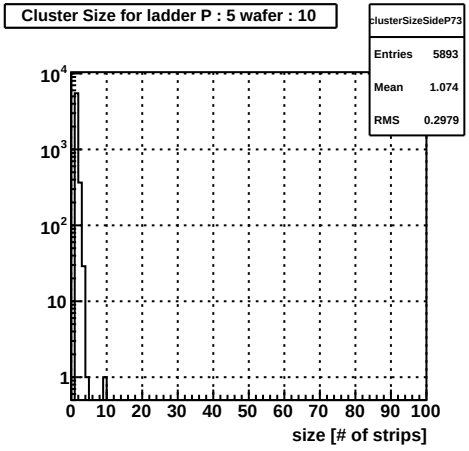

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8288
Mean 1.091
RMS 0.3205
size [# of strips]

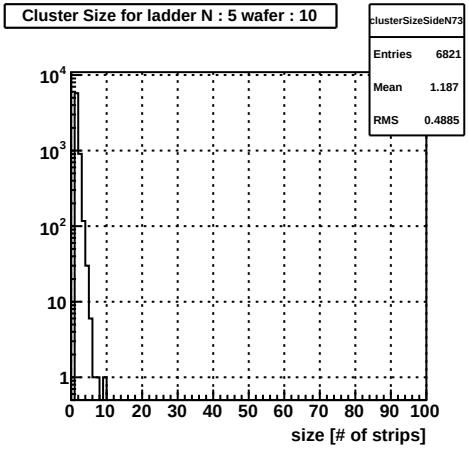

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

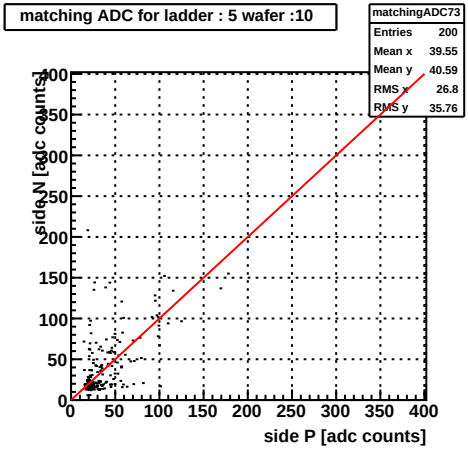

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

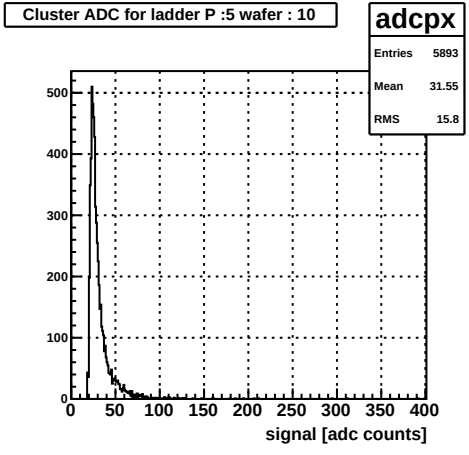

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8288
Mean 28.5
RMS 19.74
signal [adc counts]

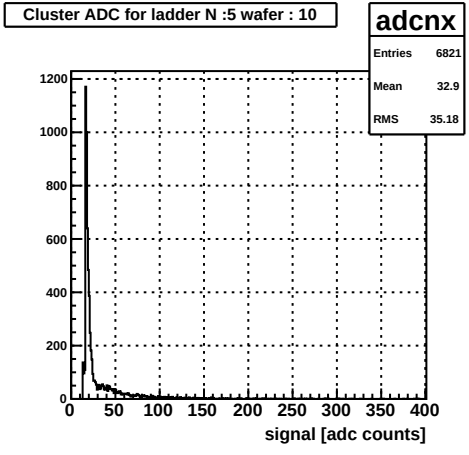

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

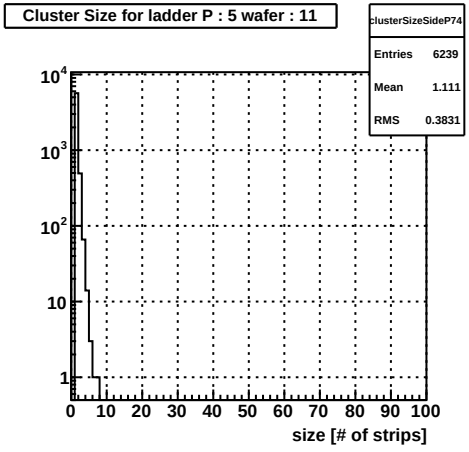

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5893
Mean 1.074
RMS 0.2979
size [# of strips]

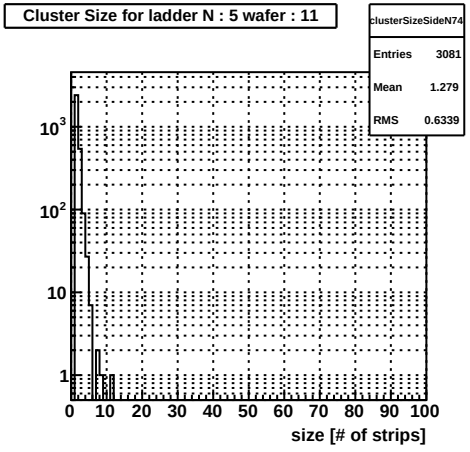

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6821
Mean 1.187
RMS 0.4885
size [# of strips]

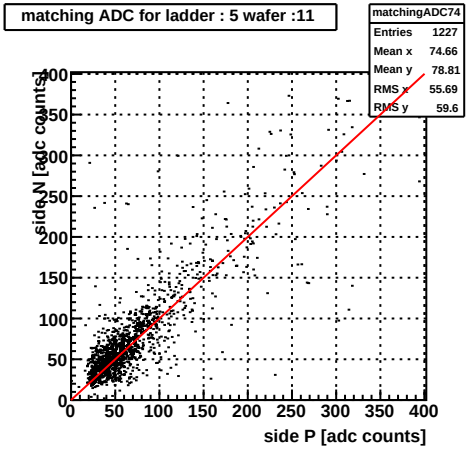

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 200
Mean x 39.55
Mean y 40.59
RMS x 26.8
RMS y 35.76
side N [adc counts]
side P [adc counts]

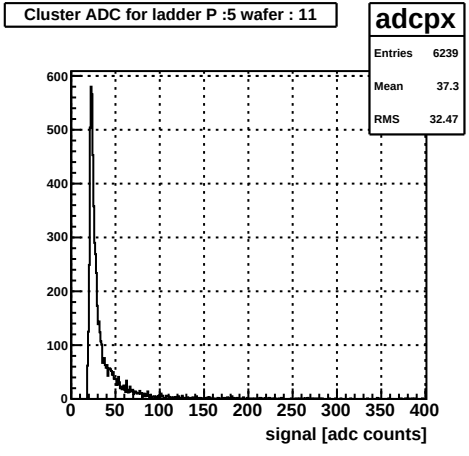

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5893
Mean 31.55
RMS 15.8
signal [adc counts]

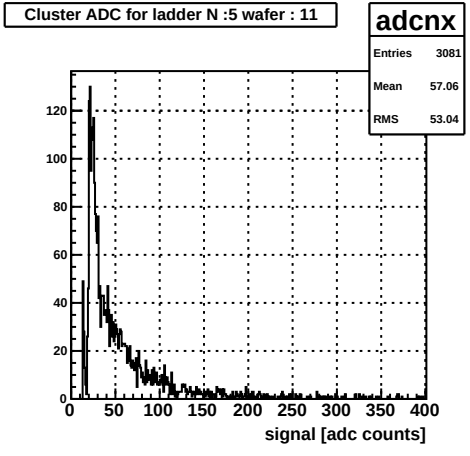

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6821
Mean 32.9
RMS 35.18
signal [adc counts]

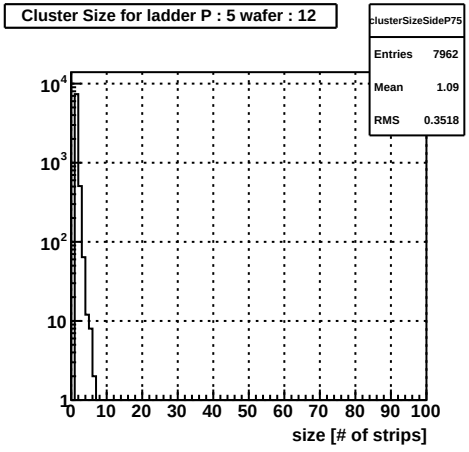

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6239
Mean 1.111
RMS 0.3831
size [# of strips]

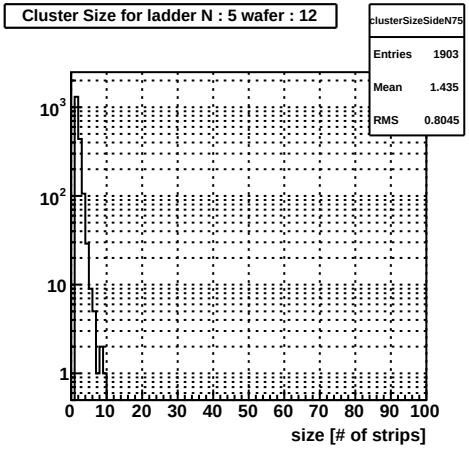

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3081
Mean 1.279
RMS 0.6339
size [# of strips]

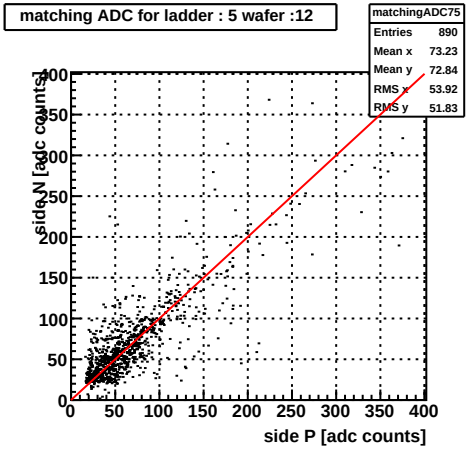

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1227
Mean x 74.66
Mean y 78.81
RMS x 55.69
RMS y 59.6
side N [adc counts]
side P [adc counts]

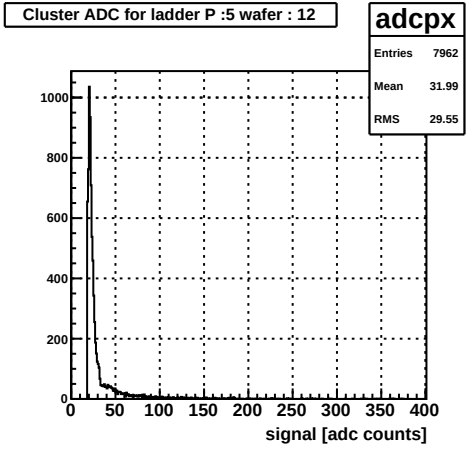

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6239
Mean 37.3
RMS 32.47
signal [adc counts]

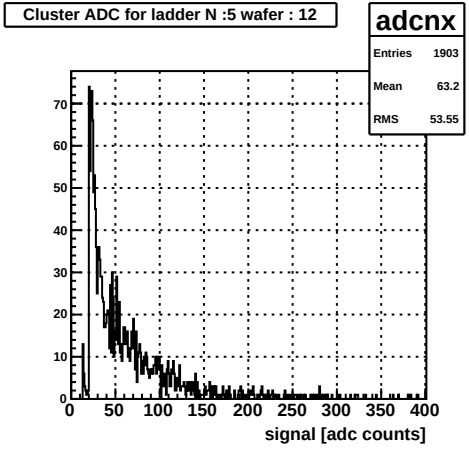

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3081
Mean 57.06
RMS 53.04
signal [adc counts]

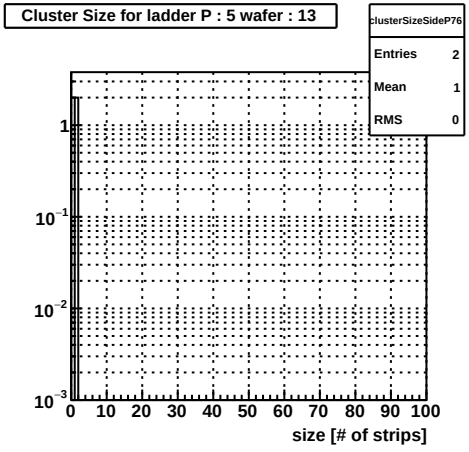

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7962
Mean 1.09
RMS 0.3518
size [# of strips]

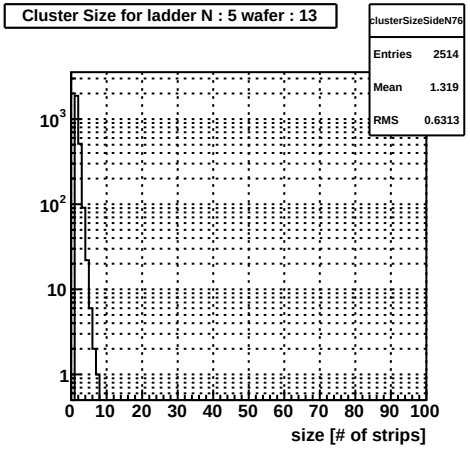

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1903
Mean 1.435
RMS 0.8045
size [# of strips]

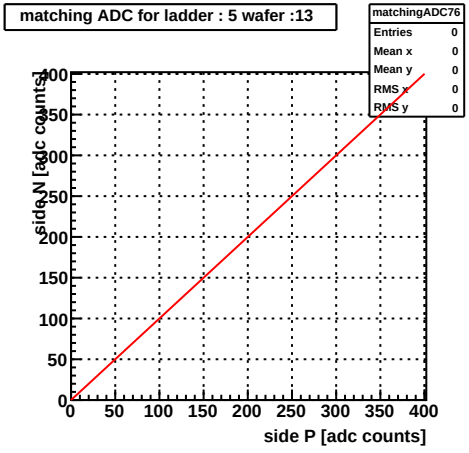

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 890
Mean x 73.23
Mean y 72.84
RMS x 53.92
RMS y 51.83
side N [adc counts]
side P [adc counts]

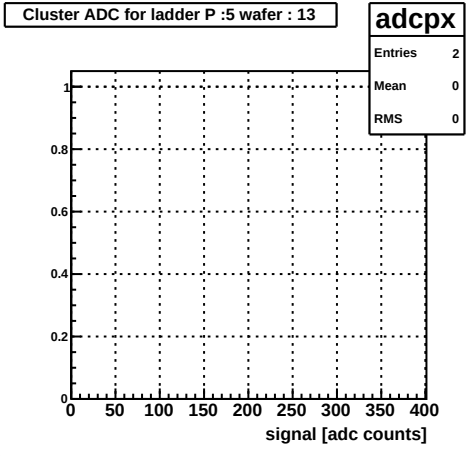

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7962
Mean 31.99
RMS 29.55
signal [adc counts]

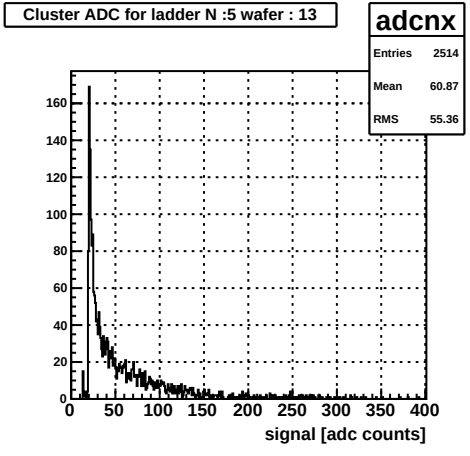

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1903
Mean 63.2
RMS 53.55
signal [adc counts]

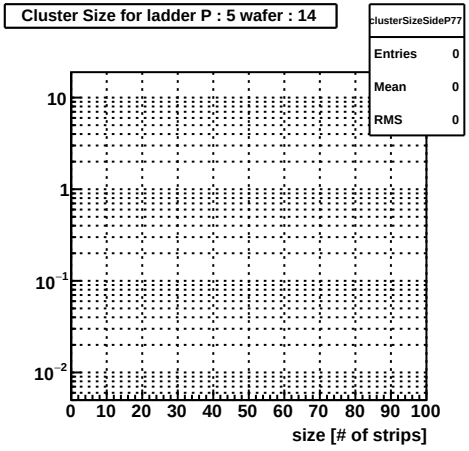

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 2
Mean 1
RMS 0
size [# of strips]

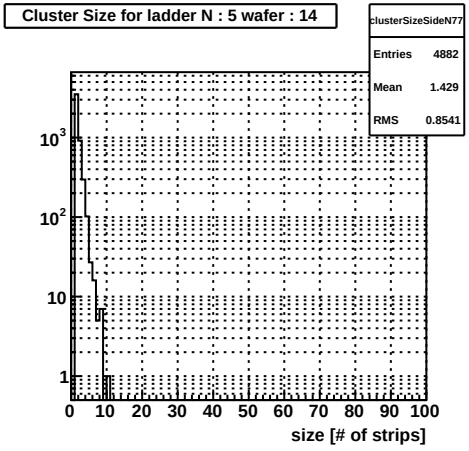

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2514
Mean 1.319
RMS 0.6313
size [# of strips]

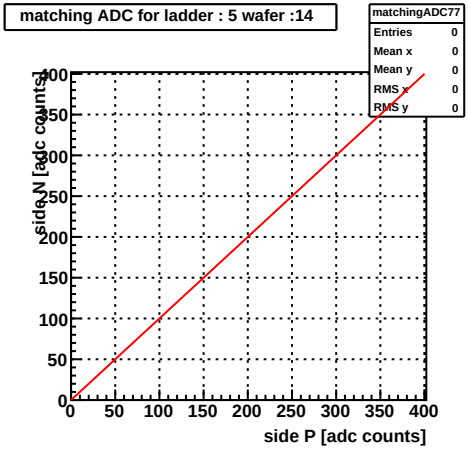

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

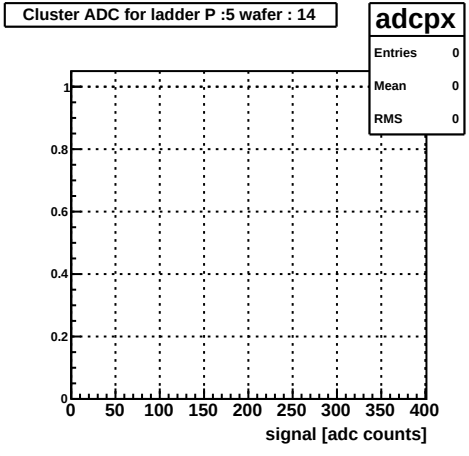

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

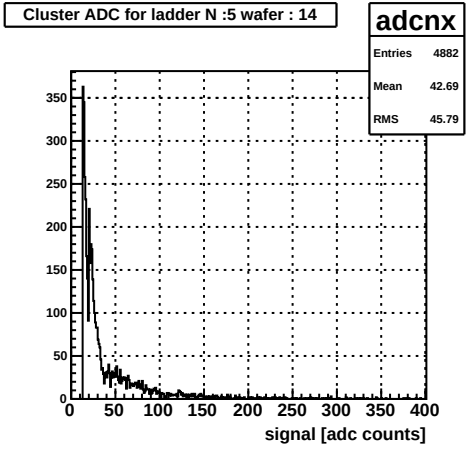

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2514
Mean 60.87
RMS 55.36
signal [adc counts]

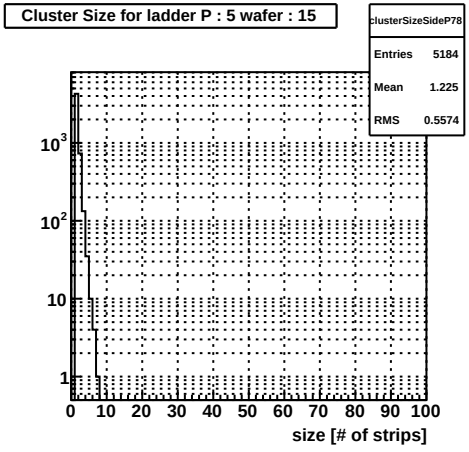

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

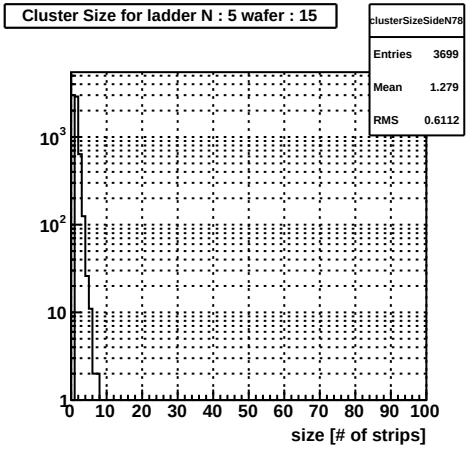

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 4882
Mean 1.429
RMS 0.8541
size [# of strips]

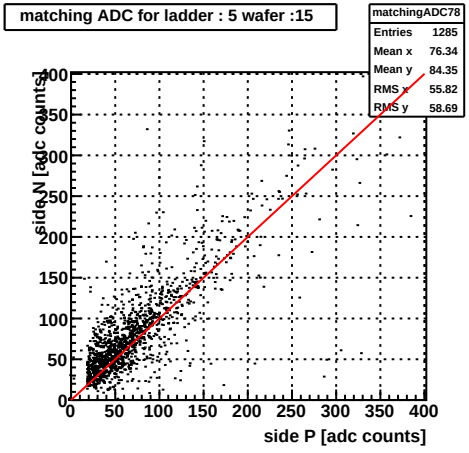

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

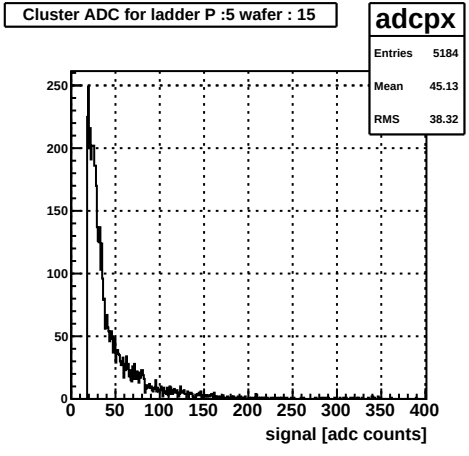

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

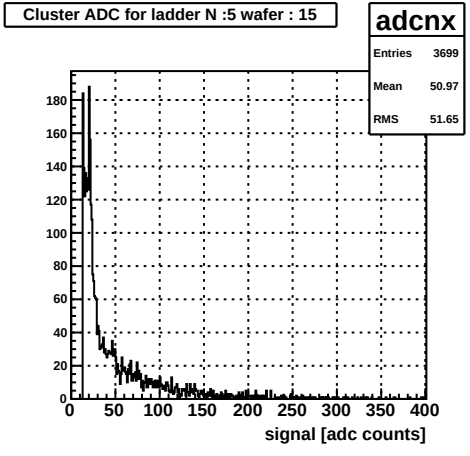

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 4882
Mean 42.69
RMS 45.79
signal [adc counts]

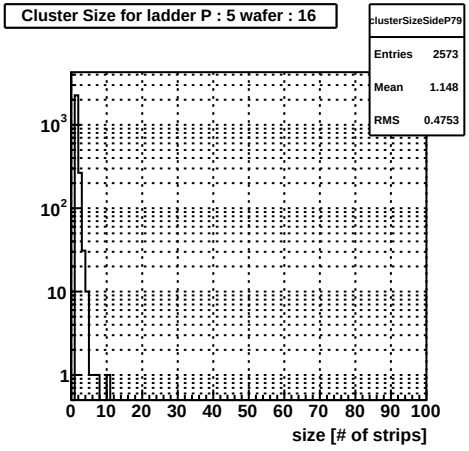

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5184
Mean 1.225
RMS 0.5574
size [# of strips]

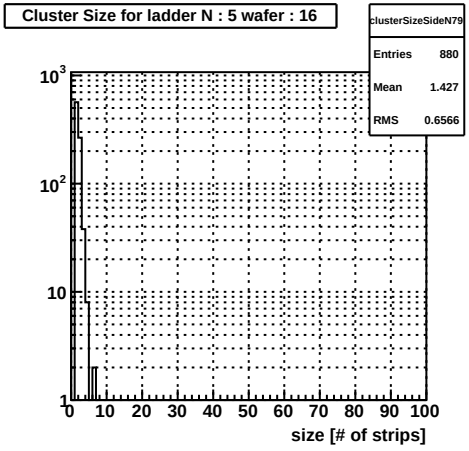

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3699
Mean 1.279
RMS 0.6112
size [# of strips]

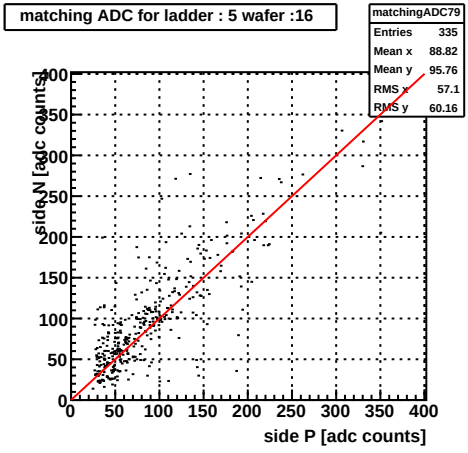

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1285
Mean x 76.34
Mean y 84.35
RMS x 55.82
RMS y 58.69
side N [adc counts]
side P [adc counts]

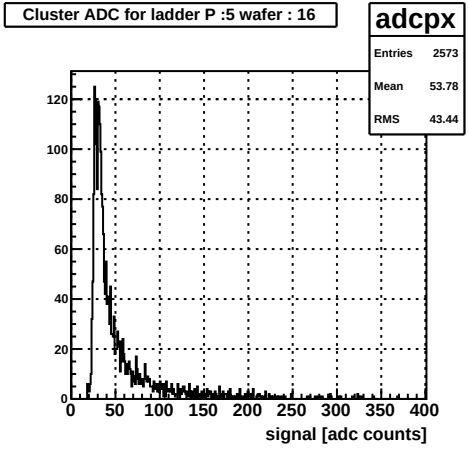

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5184
Mean 45.13
RMS 38.32
signal [adc counts]

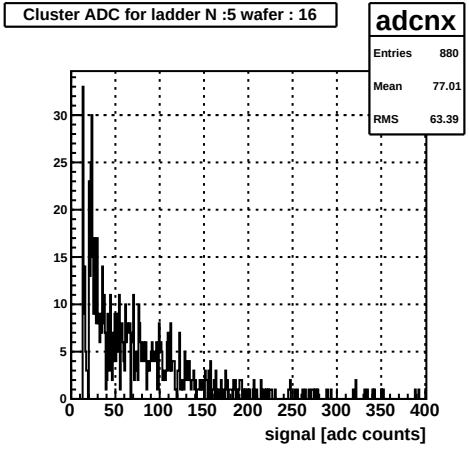

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3699
Mean 50.97
RMS 51.65
signal [adc counts]

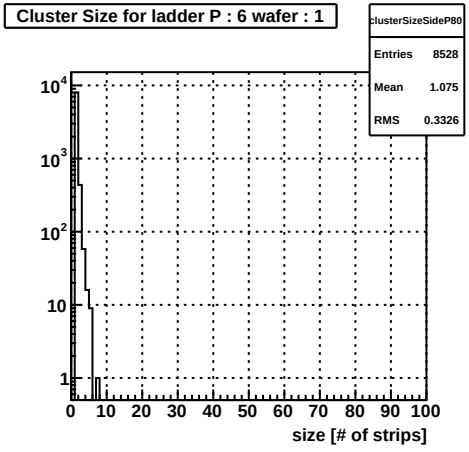

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2573
Mean 1.148
RMS 0.4753
size [# of strips]

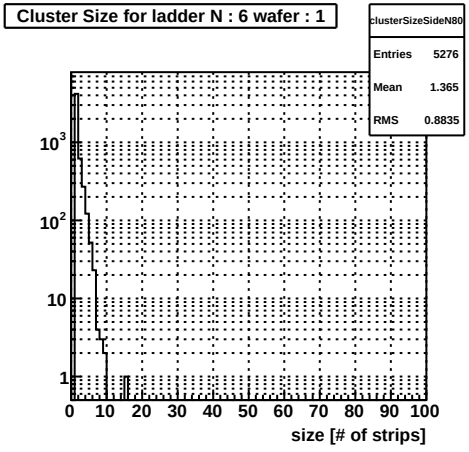

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 880
Mean 1.427
RMS 0.6566
size [# of strips]

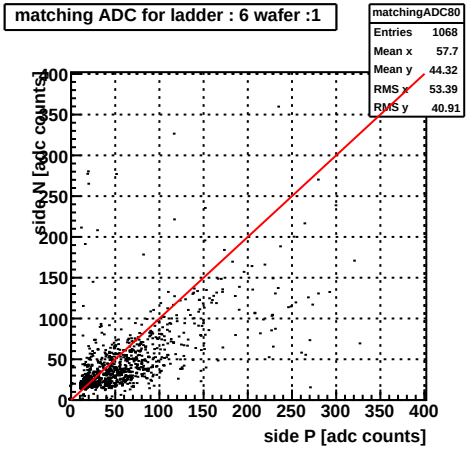

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 335
Mean x 88.82
Mean y 95.76
RMS x 57.1
RMS y 60.16
side N [adc counts]
side P [adc counts]

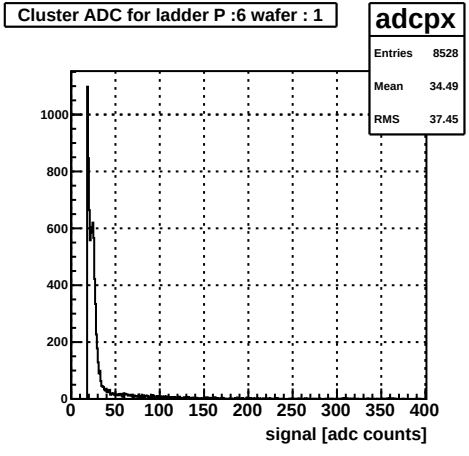

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2573
Mean 53.78
RMS 43.44
signal [adc counts]

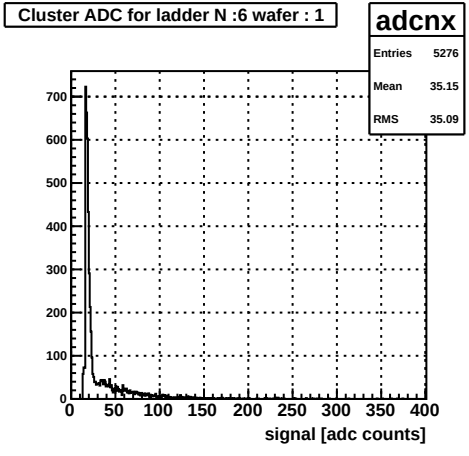

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 880
Mean 77.01
RMS 63.39
signal [adc counts]

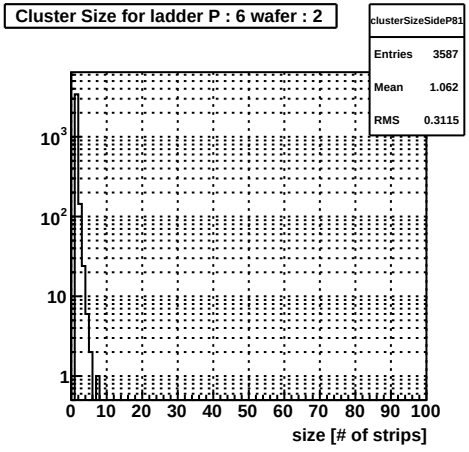

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8528
Mean 1.075
RMS 0.3326
size [# of strips]

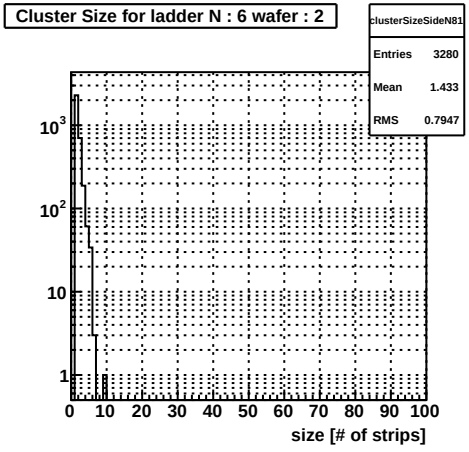

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5276
Mean 1.365
RMS 0.8835
size [# of strips]

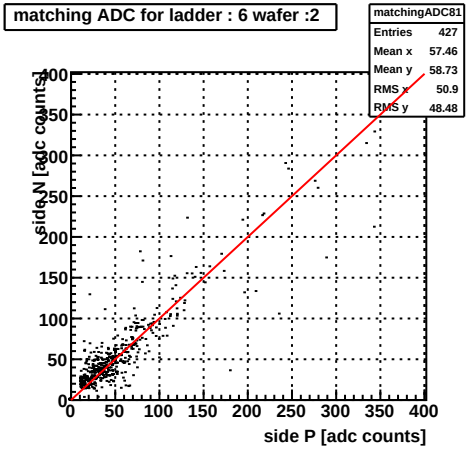

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1068
Mean x 57.7
Mean y 44.32
RMS x 53.39
RMS y 40.91
side N [adc counts]
side P [adc counts]

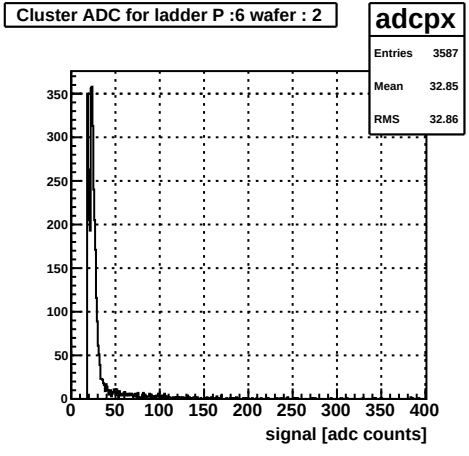

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8528
Mean 34.49
RMS 37.45
signal [adc counts]

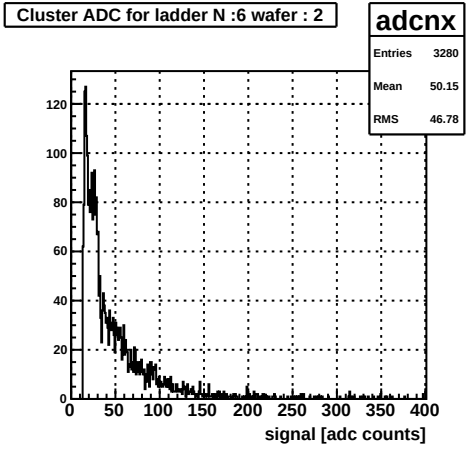

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5276
Mean 35.15
RMS 35.09
signal [adc counts]

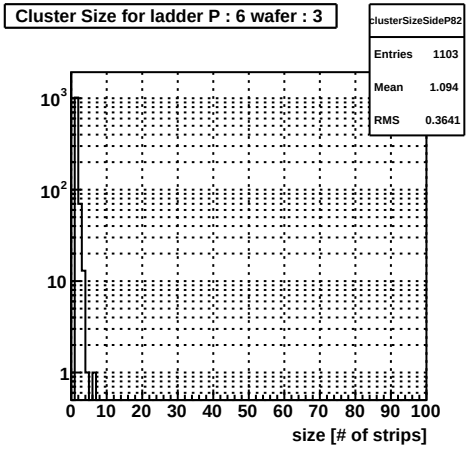

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3587
Mean 1.062
RMS 0.3115
size [# of strips]

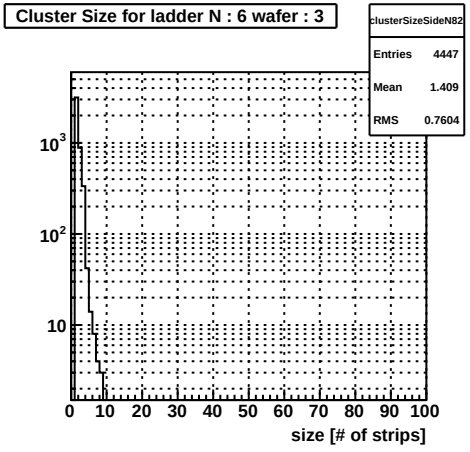

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3280
Mean 1.433
RMS 0.7947
size [# of strips]

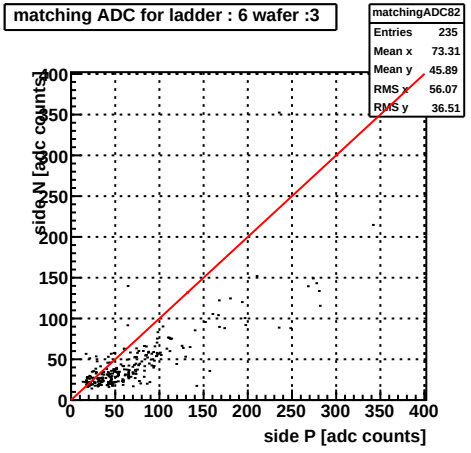

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 427
Mean x 57.46
Mean y 58.73
RMS x 50.9
RMS y 48.48
side N [adc counts]
side P [adc counts]

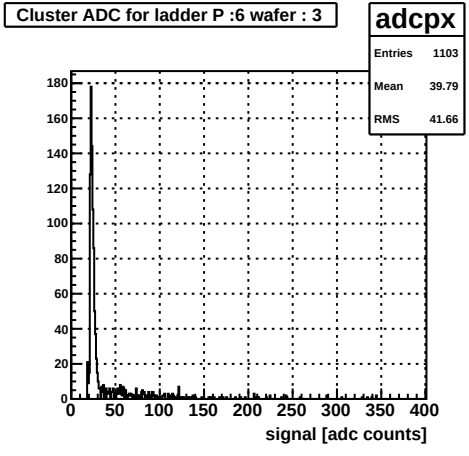

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3587
Mean 32.85
RMS 32.86
signal [adc counts]

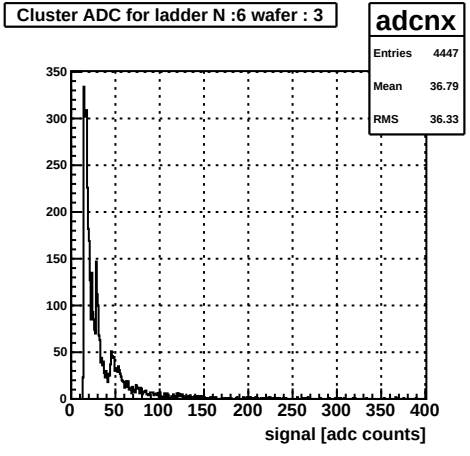

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3280
Mean 50.15
RMS 46.78
signal [adc counts]

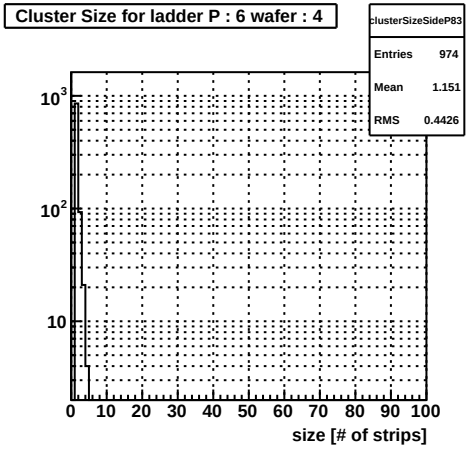

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1103
Mean 1.094
RMS 0.3641
size [# of strips]

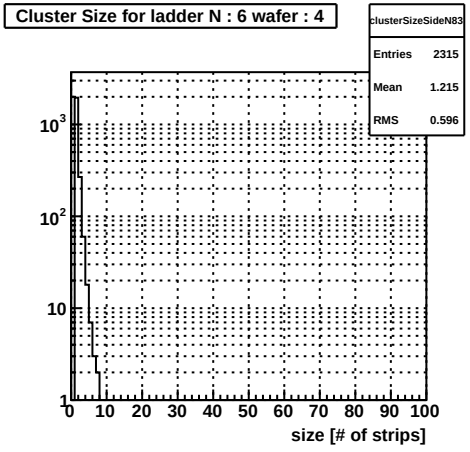

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4447
Mean 1.409
RMS 0.7604
size [# of strips]

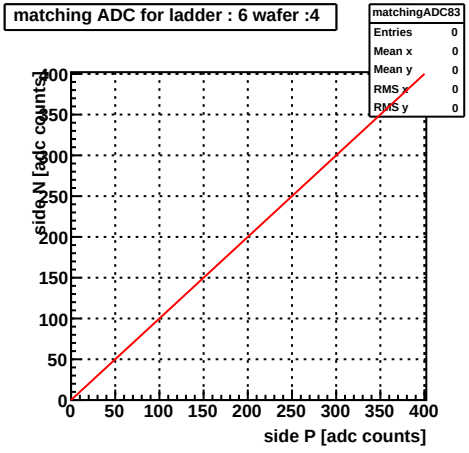

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 235
Mean x 73.31
Mean y 45.89
RMS x 56.07
RMS y 36.51
side N [adc counts]
side P [adc counts]

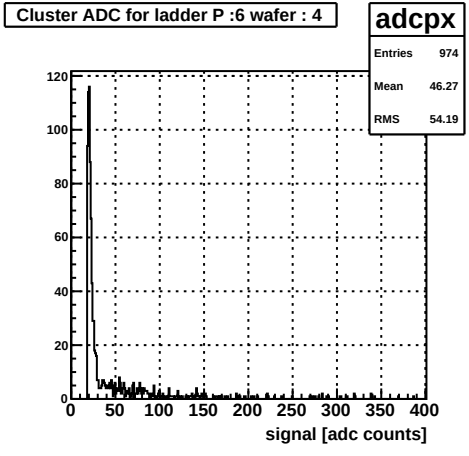

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1103
Mean 39.79
RMS 41.66
signal [adc counts]

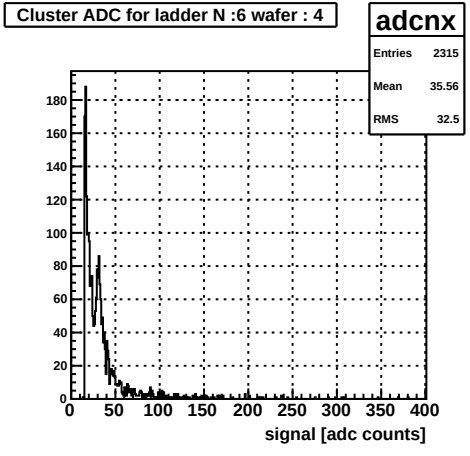

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4447
Mean 36.79
RMS 36.33
signal [adc counts]

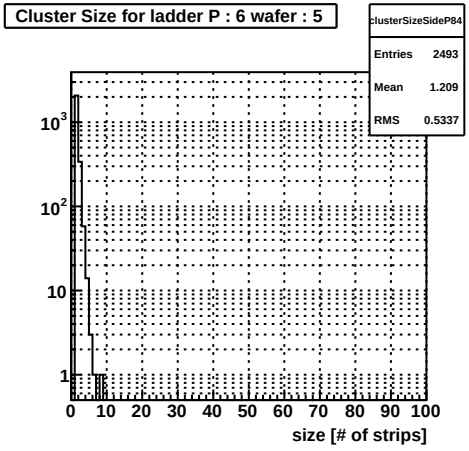

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 974
Mean 1.151
RMS 0.4426
size [# of strips]

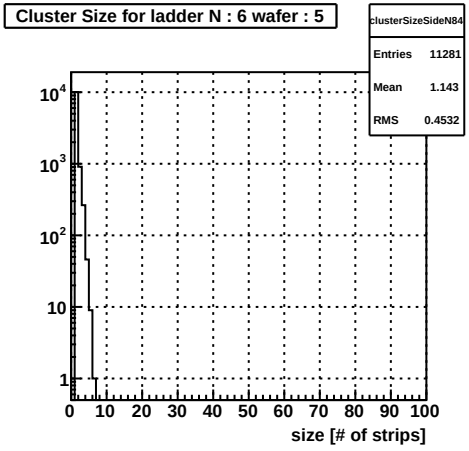

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2315
Mean 1.215
RMS 0.596
size [# of strips]

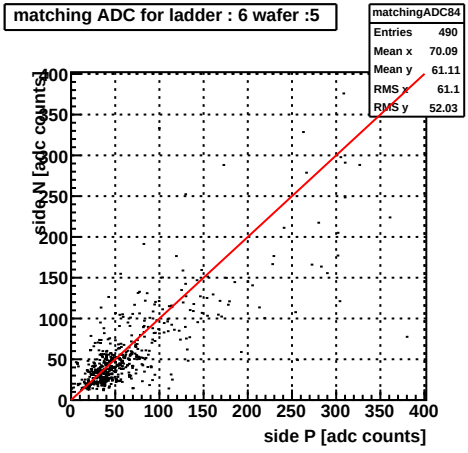

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

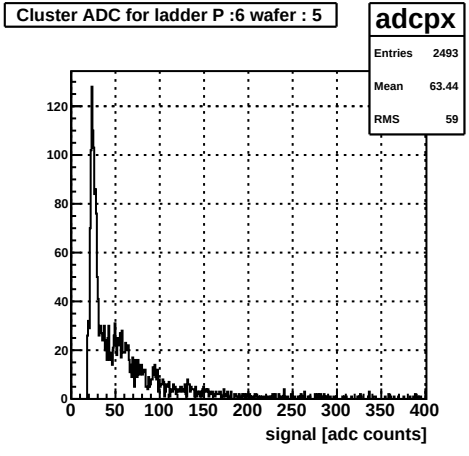

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 974
Mean 46.27
RMS 54.19
signal [adc counts]

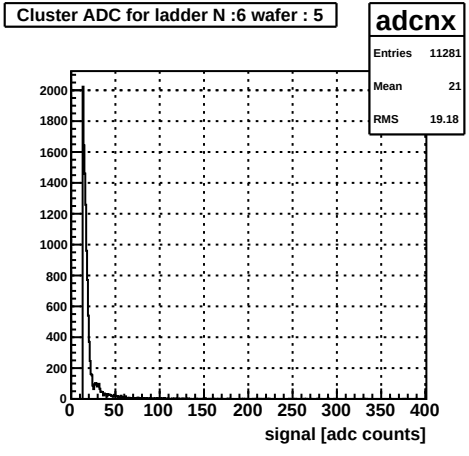

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2315
Mean 35.56
RMS 32.5
signal [adc counts]

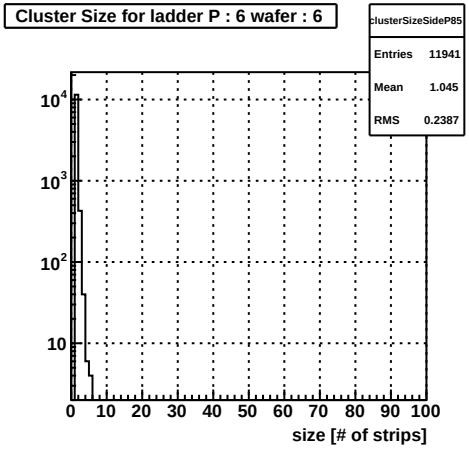

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2493
Mean 1.209
RMS 0.5337
size [# of strips]

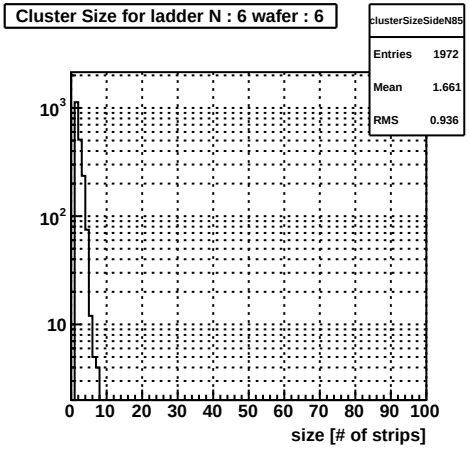

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 11281
Mean 1.143
RMS 0.4532
size [# of strips]

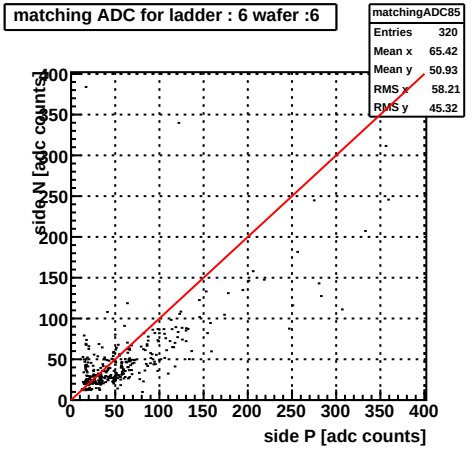

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 490
Mean x 70.09
Mean y 61.11
RMS x 61.1
RMS y 52.03
side N [adc counts]
side P [adc counts]

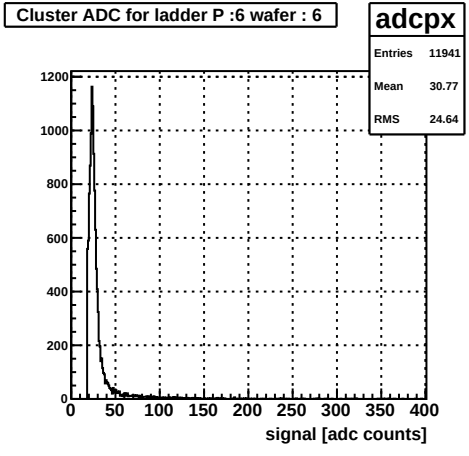

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2493
Mean 63.44
RMS 59
signal [adc counts]

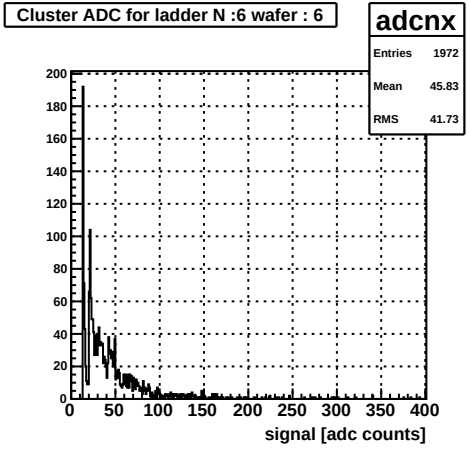

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 11281
Mean 21
RMS 19.18
signal [adc counts]

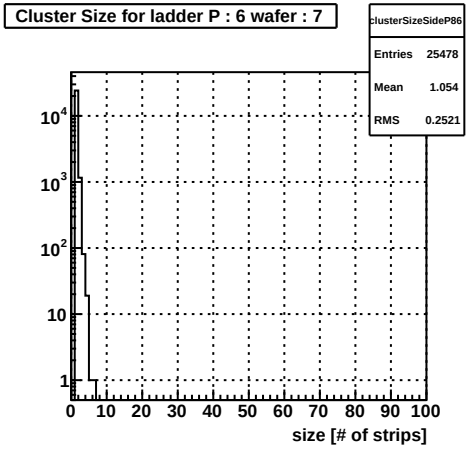

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 11941
Mean 1.045
RMS 0.2387
size [# of strips]

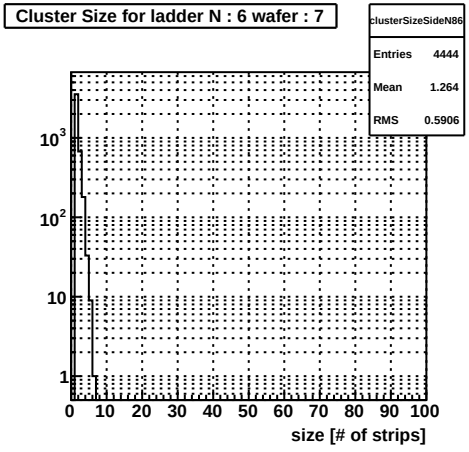

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1972
Mean 1.661
RMS 0.936
size [# of strips]

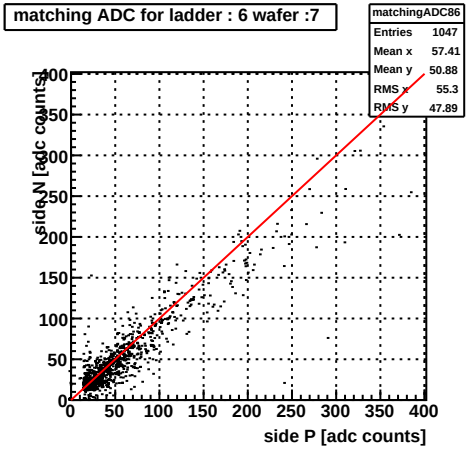

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 320
Mean x 65.42
Mean y 50.93
RMS x 58.21
RMS y 45.32
side N [adc counts]
side P [adc counts]

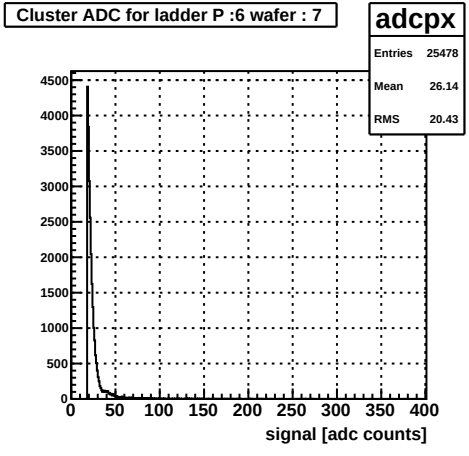

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 11941
Mean 30.77
RMS 24.64
signal [adc counts]

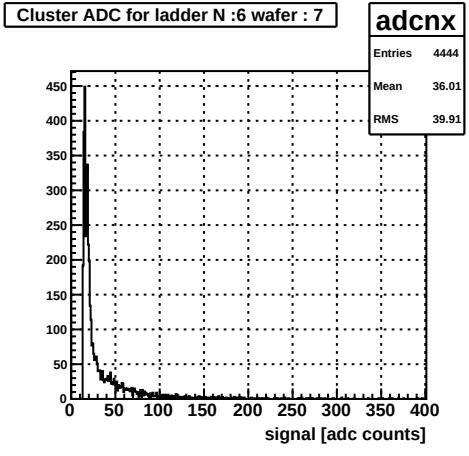

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1972
Mean 45.83
RMS 41.73
signal [adc counts]

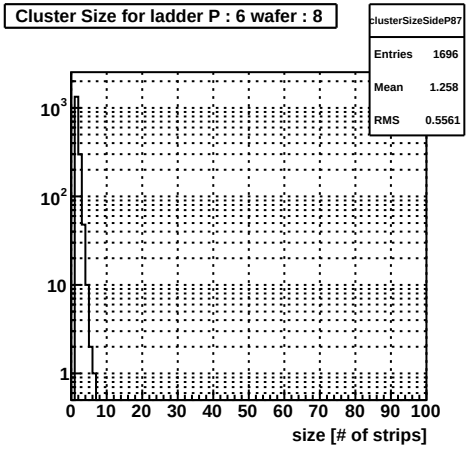

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 25478
Mean 1.054
RMS 0.2521
size [# of strips]

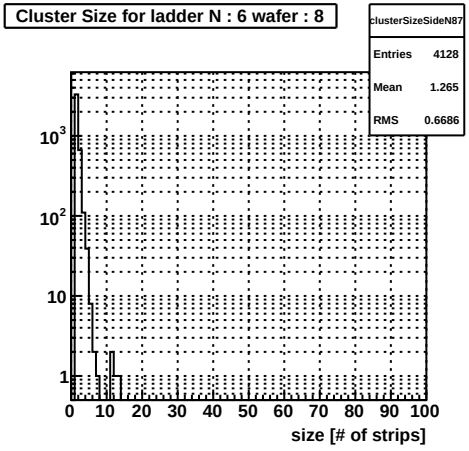

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4444
Mean 1.264
RMS 0.5906
size [# of strips]

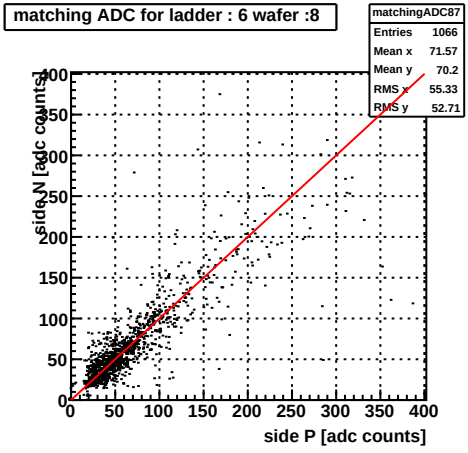

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1047
Mean x 57.41
Mean y 50.88
RMS x 55.3
RMS y 47.89
side N [adc counts]
side P [adc counts]

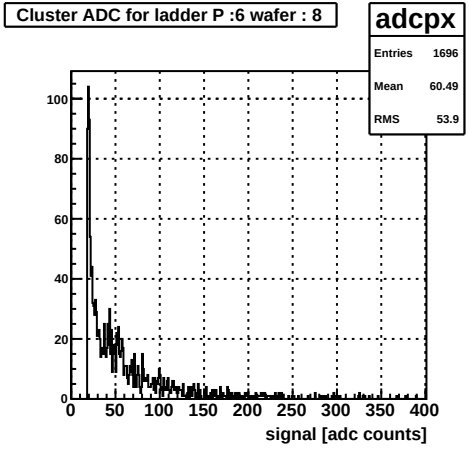

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 25478
Mean 26.14
RMS 20.43
signal [adc counts]

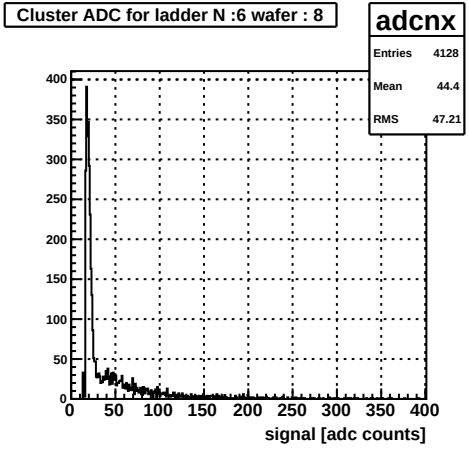

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4444
Mean 36.01
RMS 39.91
signal [adc counts]

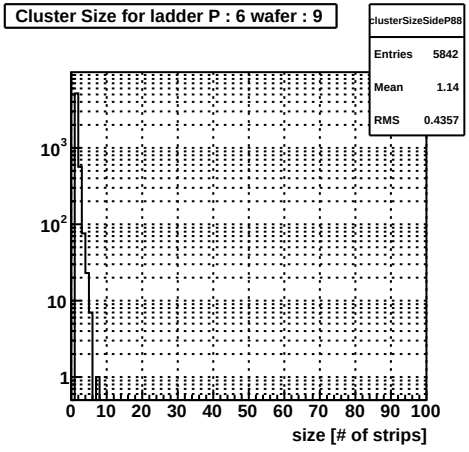

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1696
Mean 1.258
RMS 0.5561
size [# of strips]

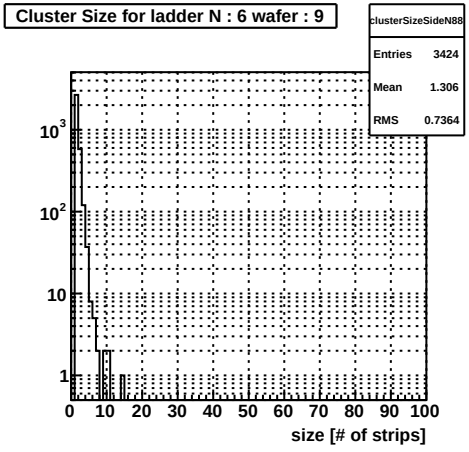

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4128
Mean 1.265
RMS 0.6686
size [# of strips]

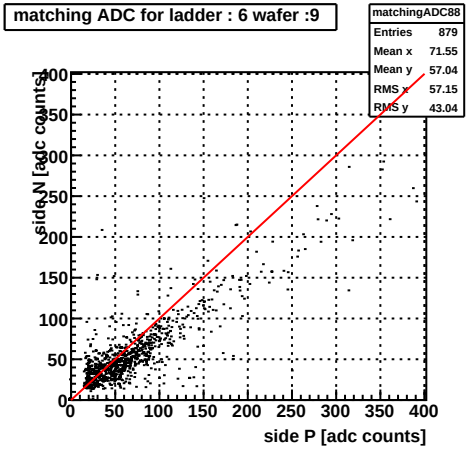

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1066
Mean x 71.57
Mean y 70.2
RMS x 55.33
RMS y 52.71
side N [adc counts]
side P [adc counts]

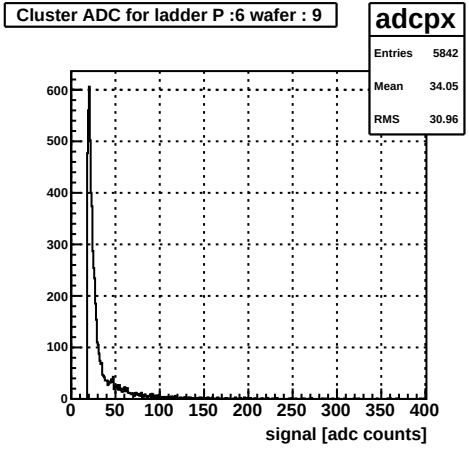

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1696
Mean 60.49
RMS 53.9
signal [adc counts]

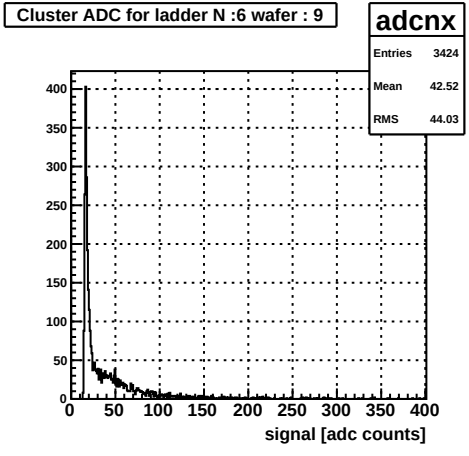

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4128
Mean 44.4
RMS 47.21
signal [adc counts]

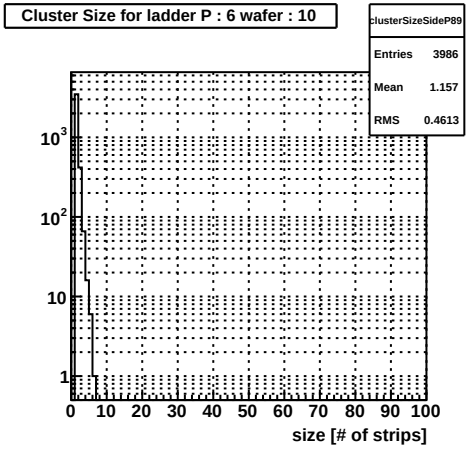

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5842
Mean 1.14
RMS 0.4357
size [# of strips]

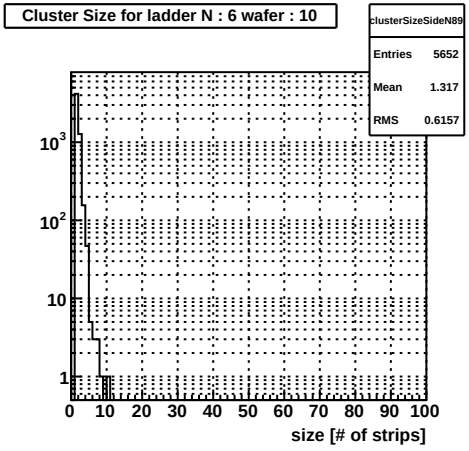

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3424
Mean 1.306
RMS 0.7364
size [# of strips]

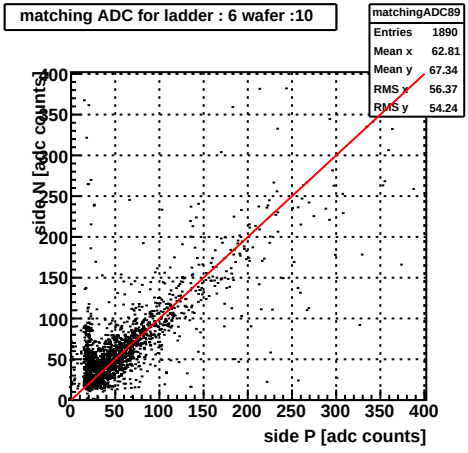

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 879
Mean x 71.55
Mean y 57.04
RMS x 57.15
RMS y 43.04
side N [adc counts]
side P [adc counts]

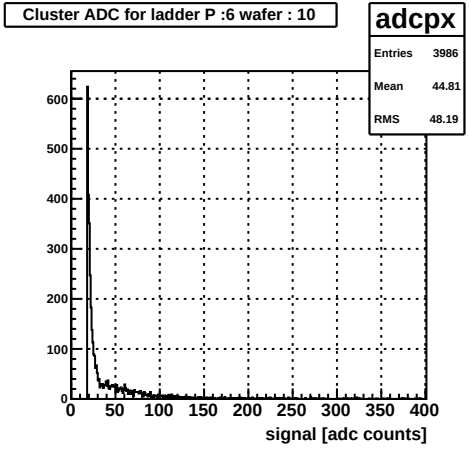

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5842
Mean 34.05
RMS 30.96
signal [adc counts]

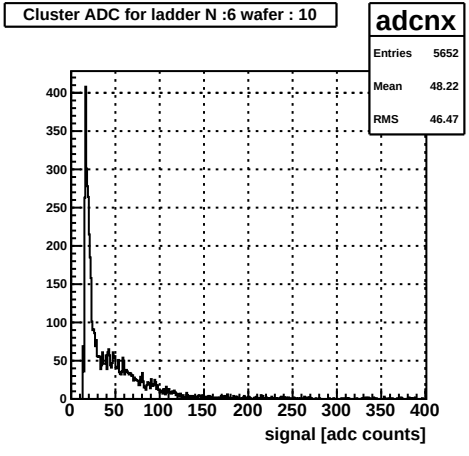

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3424
Mean 42.52
RMS 44.03
signal [adc counts]

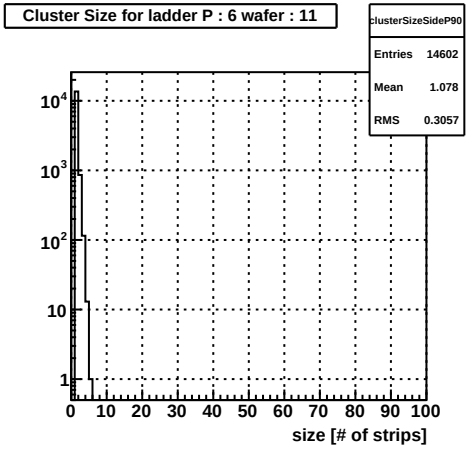

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3986
Mean 1.157
RMS 0.4613
size [# of strips]

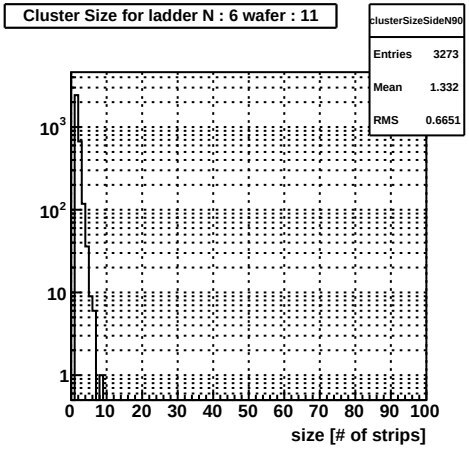

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5652
Mean 1.317
RMS 0.6157
size [# of strips]

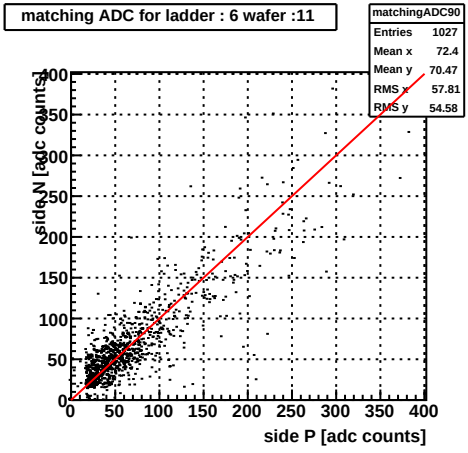

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1890
Mean x 62.81
Mean y 67.34
RMS x 56.37
RMS y 54.24
side N [adc counts]
side P [adc counts]

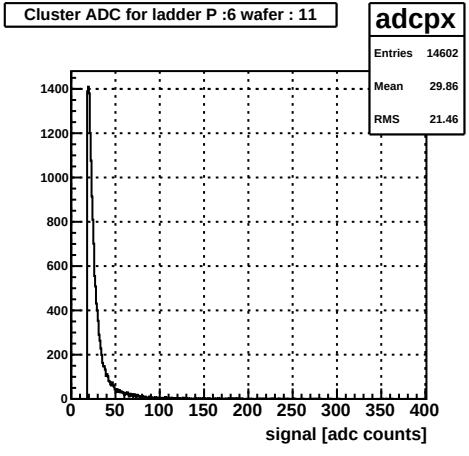

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3986
Mean 44.81
RMS 48.19
signal [adc counts]

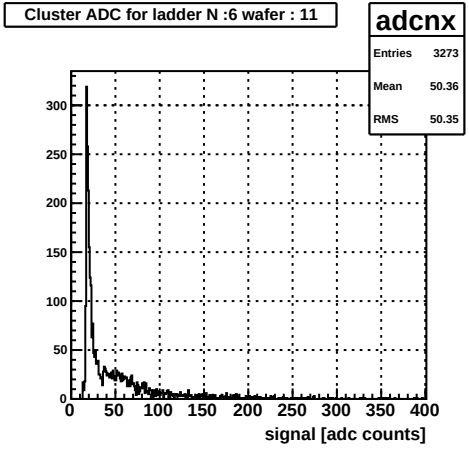

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5652
Mean 48.22
RMS 46.47
signal [adc counts]

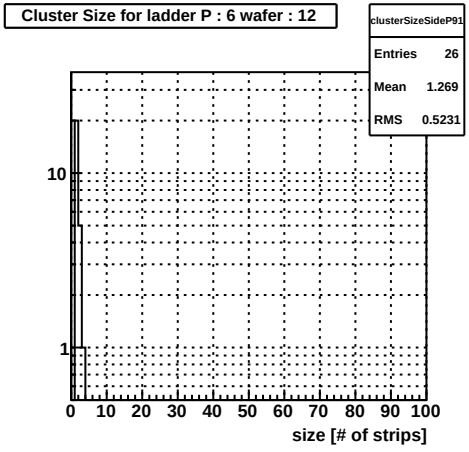

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14602
Mean 1.078
RMS 0.3057
size [# of strips]

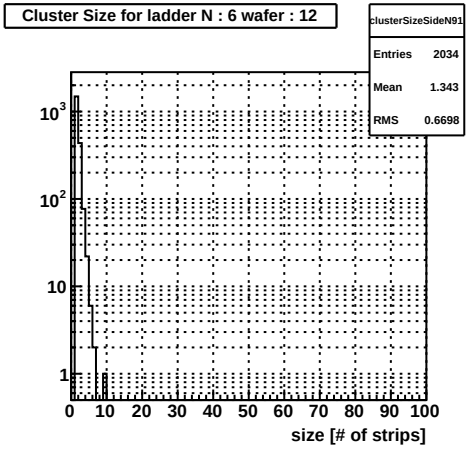

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3273
Mean 1.332
RMS 0.6651
size [# of strips]

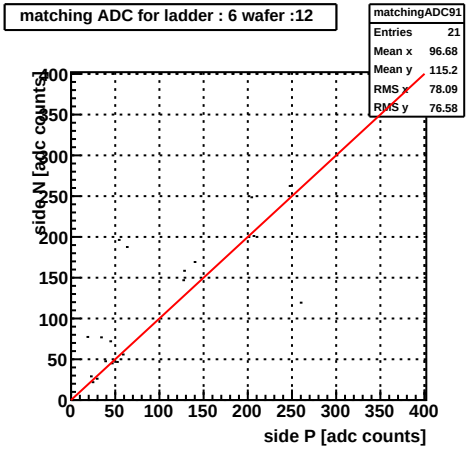

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1027
Mean x 72.4
Mean y 70.47
RMS x 57.81
RMS y 54.58
side N [adc counts]
side P [adc counts]

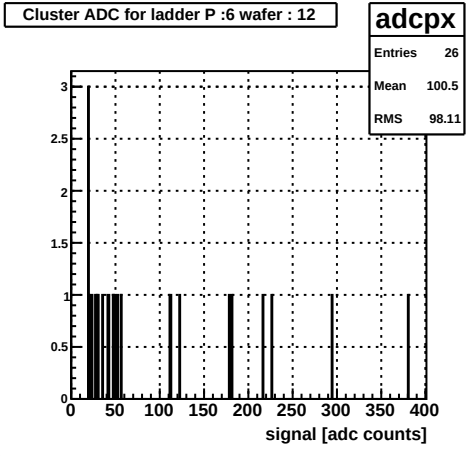

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14602
Mean 29.86
RMS 21.46
signal [adc counts]

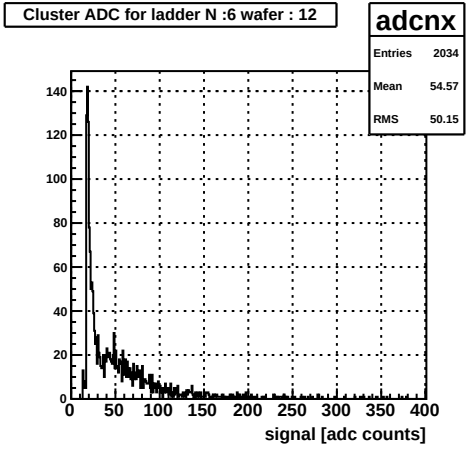

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3273
Mean 50.36
RMS 50.35
signal [adc counts]

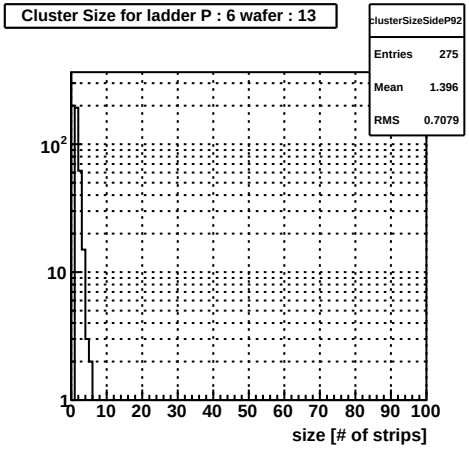

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 26
Mean 1.269
RMS 0.5231
size [# of strips]

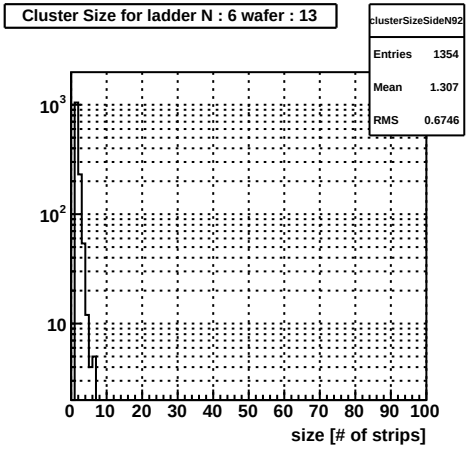

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2034
Mean 1.343
RMS 0.6698
size [# of strips]

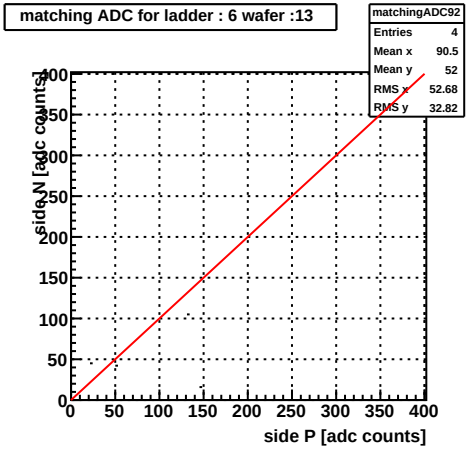

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 21
Mean x 96.68
Mean y 115.2
RMS x 78.09
RMS y 76.58
side N [adc counts]
side P [adc counts]

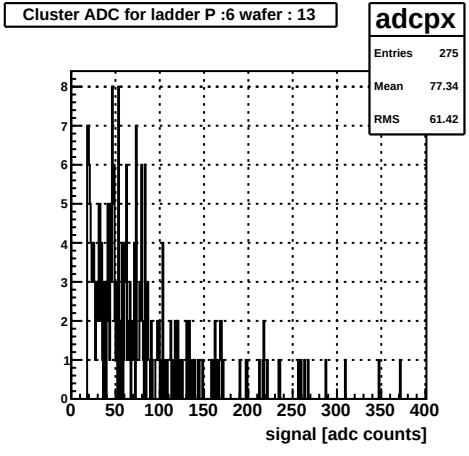

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 26
Mean 100.5
RMS 98.11
signal [adc counts]

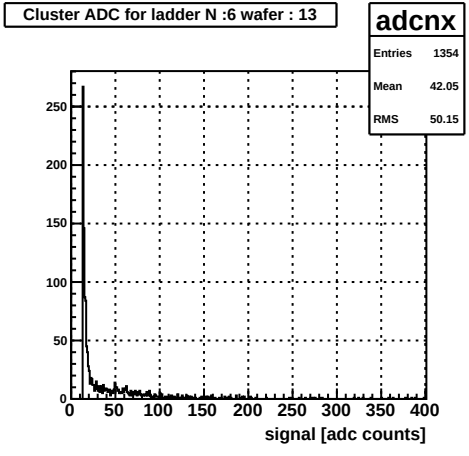

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2034
Mean 54.57
RMS 50.15
signal [adc counts]

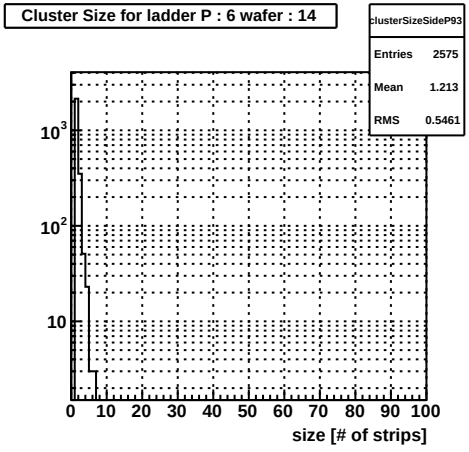

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 275
Mean 1.396
RMS 0.7079
size [# of strips]

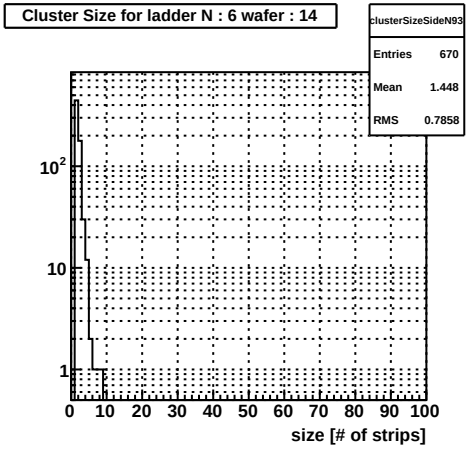

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1354
Mean 1.307
RMS 0.6746
size [# of strips]

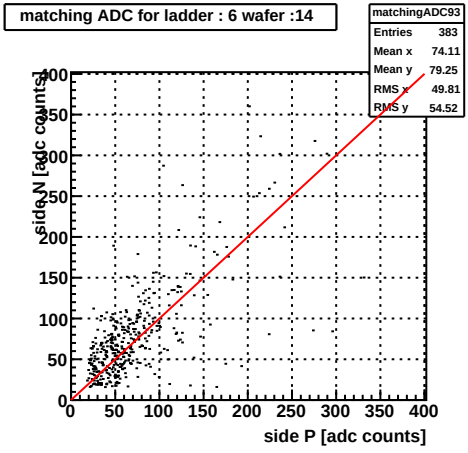

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 4
Mean x 90.5
Mean y 52
RMS x 52.68
RMS y 32.82
side N [adc counts]
side P [adc counts]

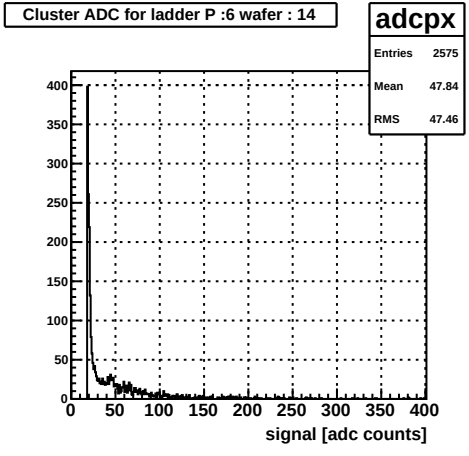

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 275
Mean 77.34
RMS 61.42
signal [adc counts]

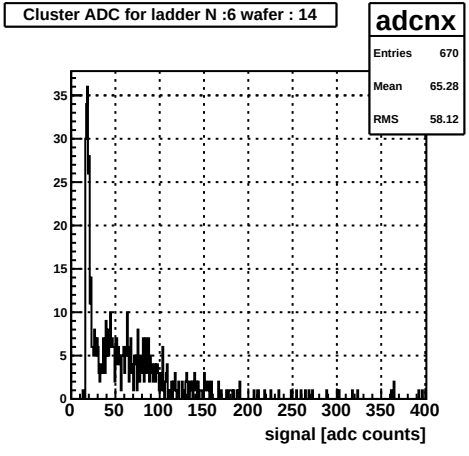

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1354
Mean 42.05
RMS 50.15
signal [adc counts]

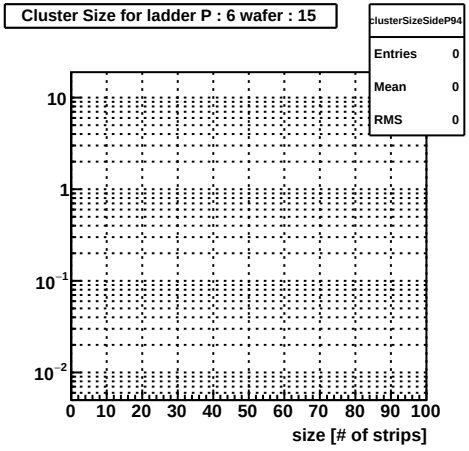

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2575
Mean 1.213
RMS 0.5461
size [# of strips]

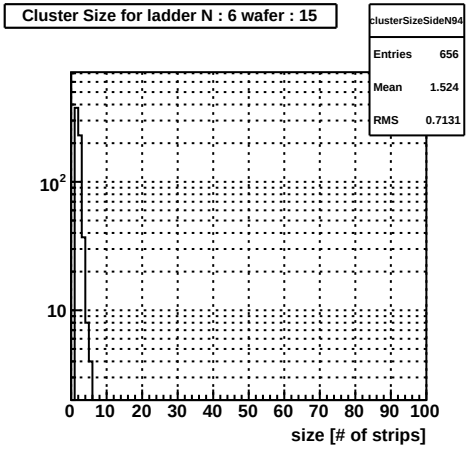

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 670
Mean 1.448
RMS 0.7858
size [# of strips]

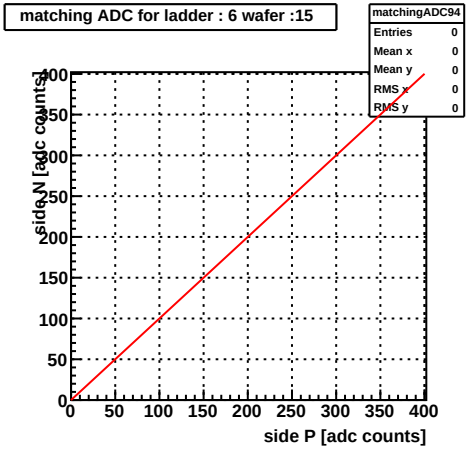

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 383
Mean x 74.11
Mean y 79.25
RMS x 49.81
RMS y 54.52
side N [adc counts]
side P [adc counts]

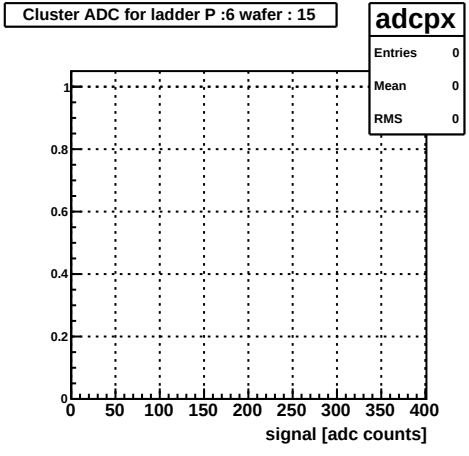

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2575
Mean 47.84
RMS 47.46
signal [adc counts]

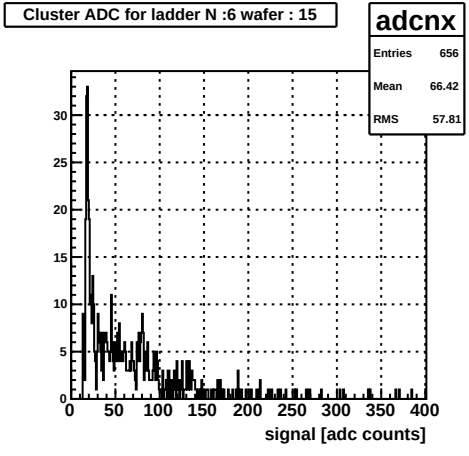

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 670
Mean 65.28
RMS 58.12
signal [adc counts]

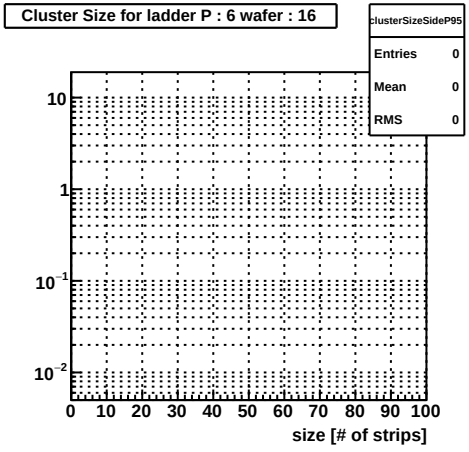

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

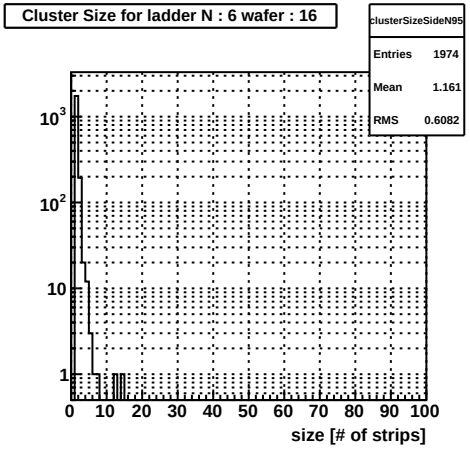

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 656
Mean 1.524
RMS 0.7131
size [# of strips]

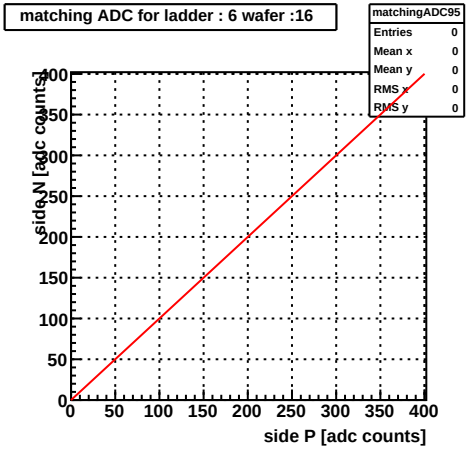

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

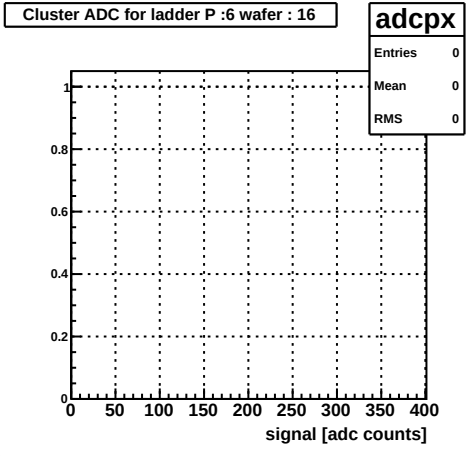

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

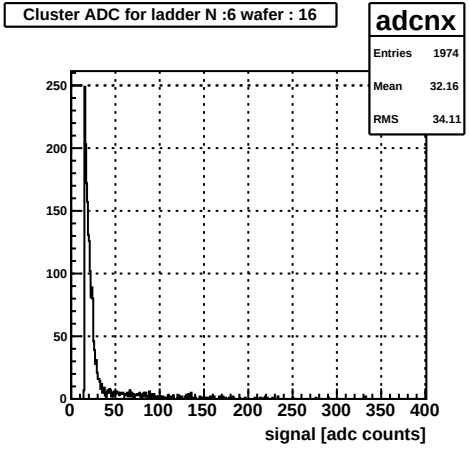

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 656
Mean 66.42
RMS 57.81
signal [adc counts]

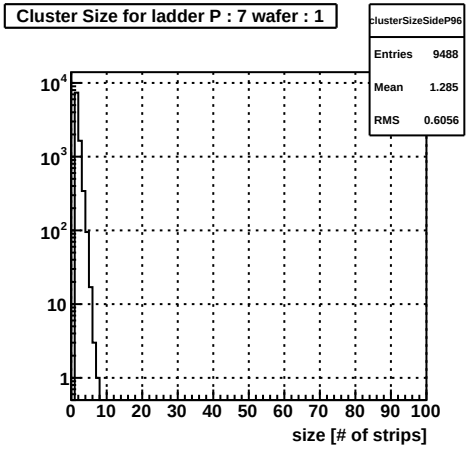

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

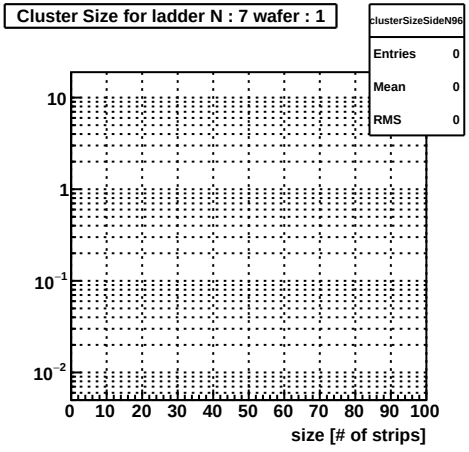

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1974
Mean 1.161
RMS 0.6082
size [# of strips]

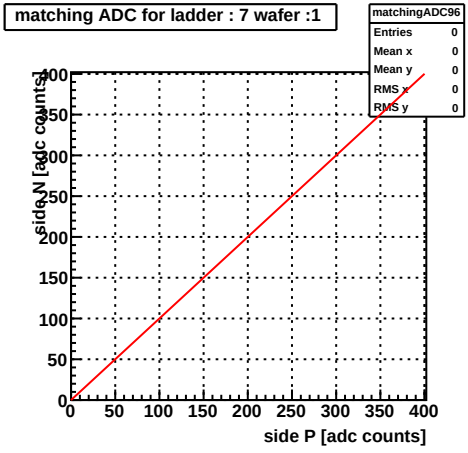

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

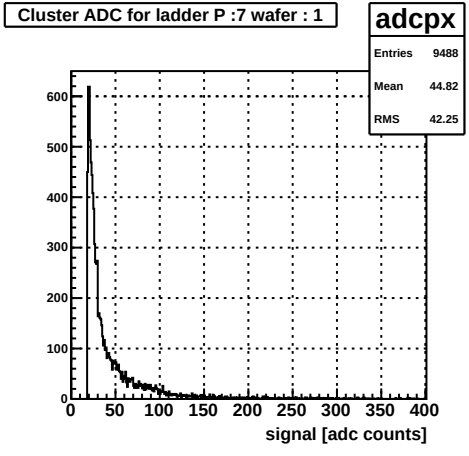

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

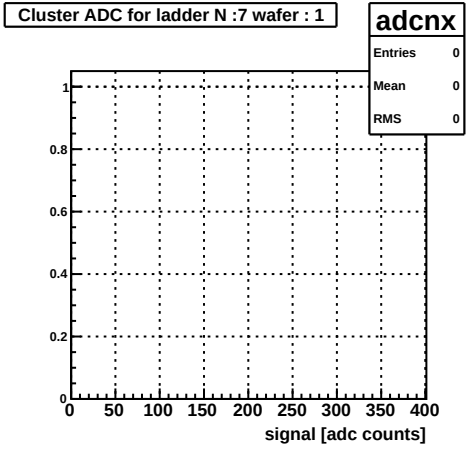

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1974
Mean 32.16
RMS 34.11
signal [adc counts]

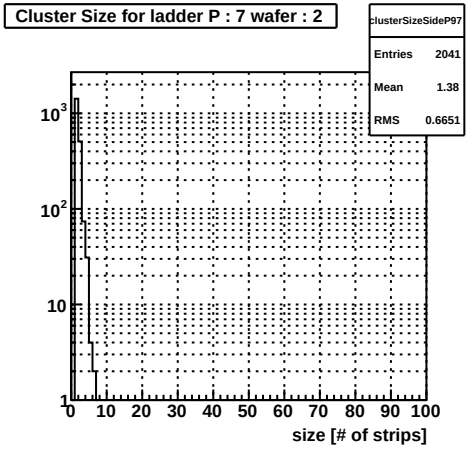

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9488
Mean 1.285
RMS 0.6056
size [# of strips]

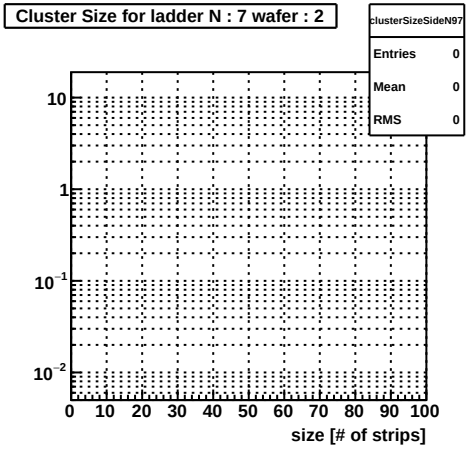

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

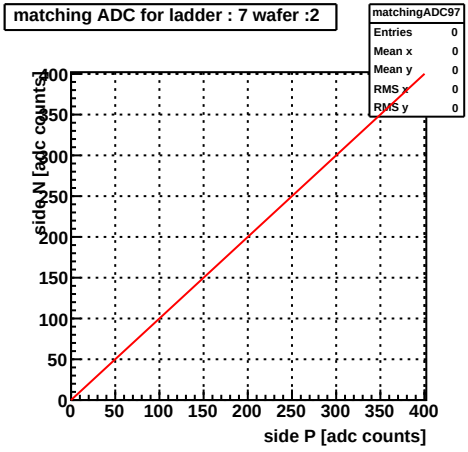

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

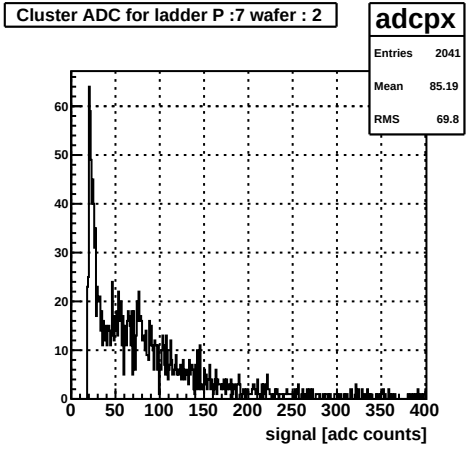

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9488
Mean 44.82
RMS 42.25
signal [adc counts]

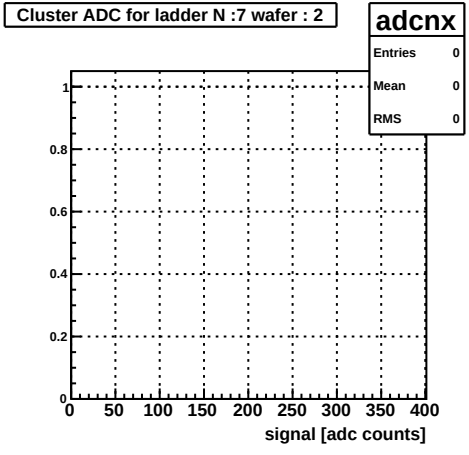

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

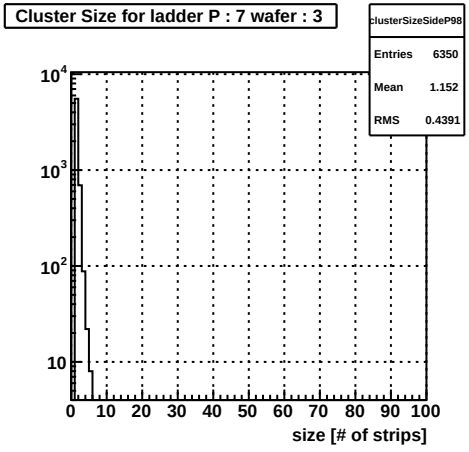

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2041
Mean 1.38
RMS 0.6651
size [# of strips]

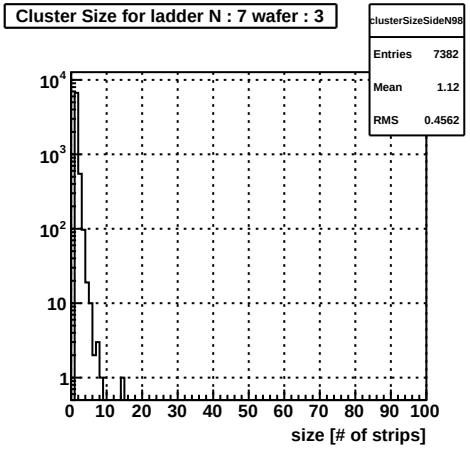

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

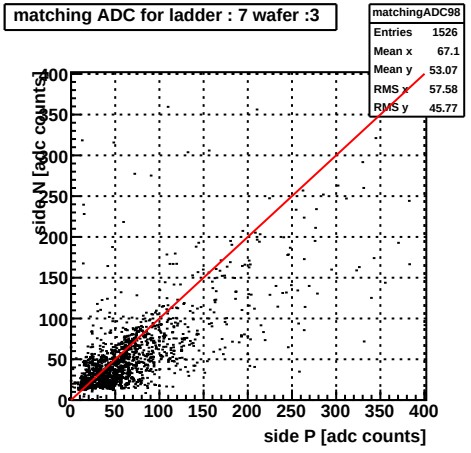

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

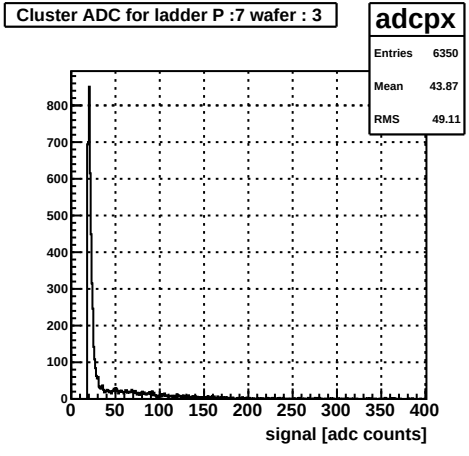

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2041
Mean 85.19
RMS 69.8
signal [adc counts]

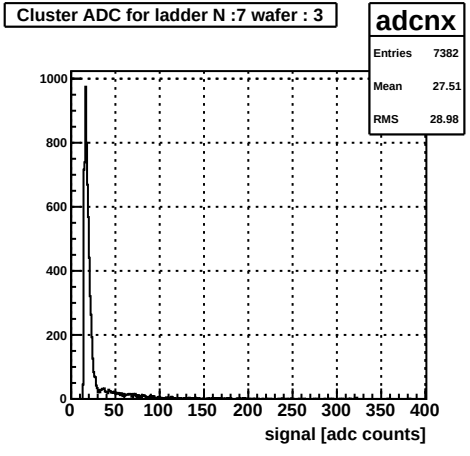

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

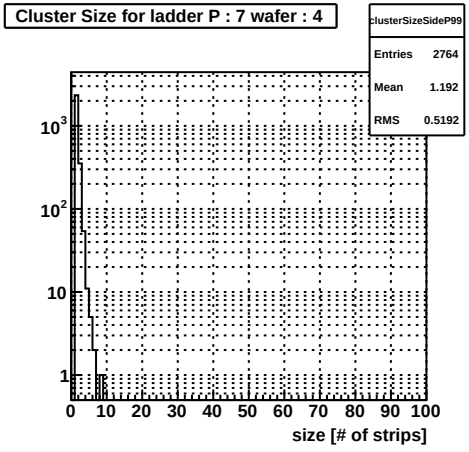

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6350
Mean 1.152
RMS 0.4391
size [# of strips]

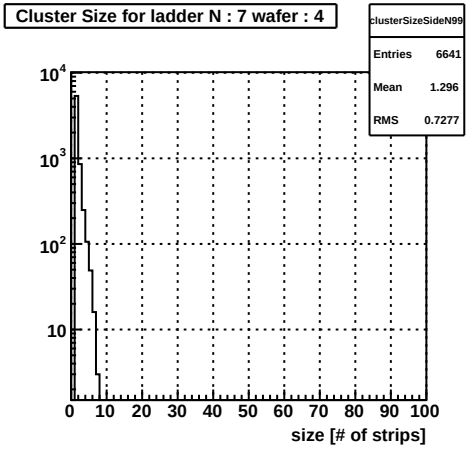

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7382
Mean 1.12
RMS 0.4562
size [# of strips]

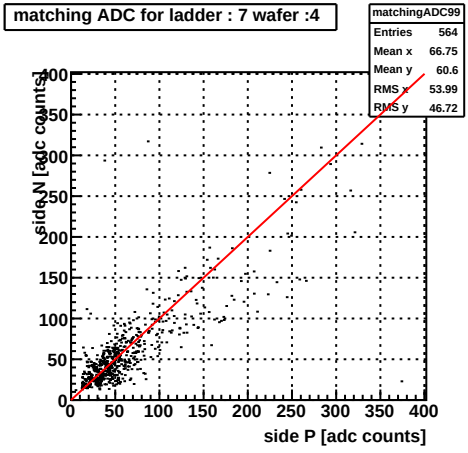

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1526
Mean x 67.1
Mean y 53.07
RMS x 57.58
RMS y 45.77
side N [adc counts]
side P [adc counts]

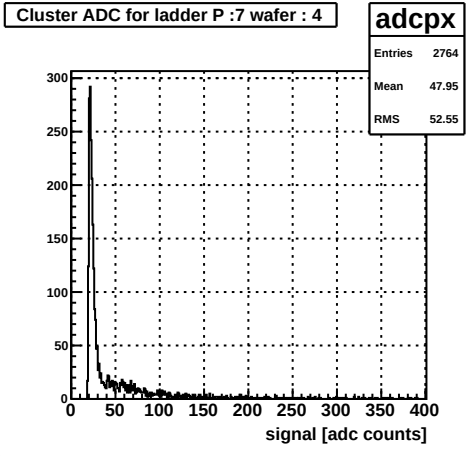

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6350
Mean 43.87
RMS 49.11
signal [adc counts]

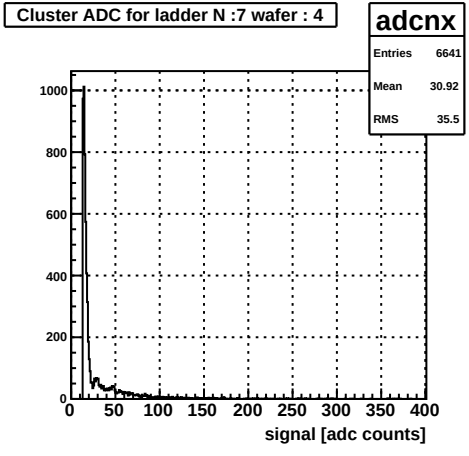

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7382
Mean 27.51
RMS 28.98
signal [adc counts]

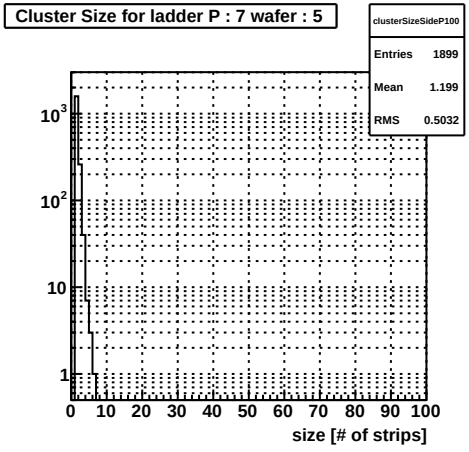

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2764
Mean 1.192
RMS 0.5192
size [# of strips]

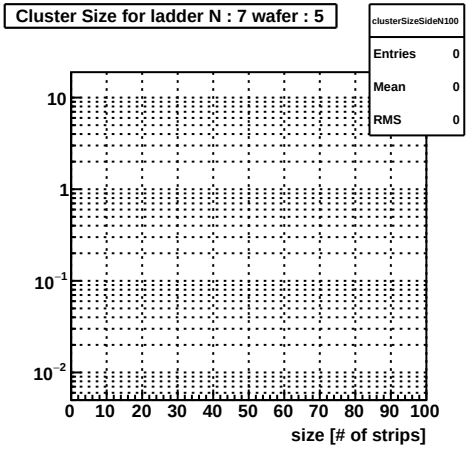

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6641
Mean 1.296
RMS 0.7277
size [# of strips]

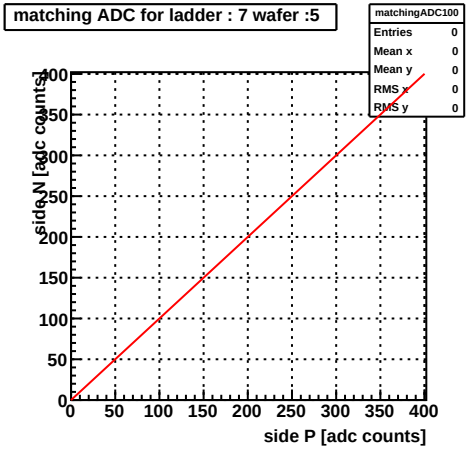

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 564
Mean x 66.75
Mean y 60.6
RMS x 53.99
RMS y 46.72
side N [adc counts]
side P [adc counts]

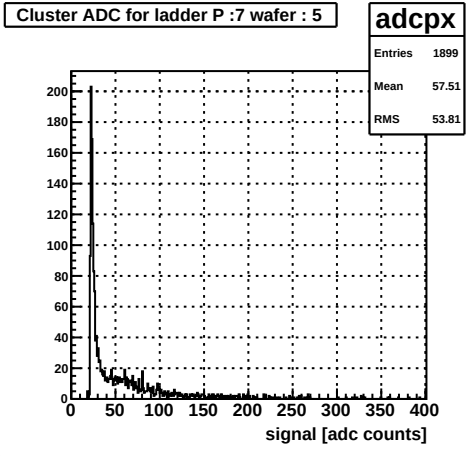

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2764
Mean 47.95
RMS 52.55
signal [adc counts]

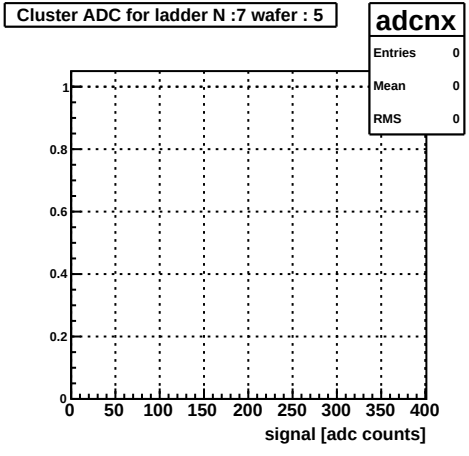

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6641
Mean 30.92
RMS 35.5
signal [adc counts]

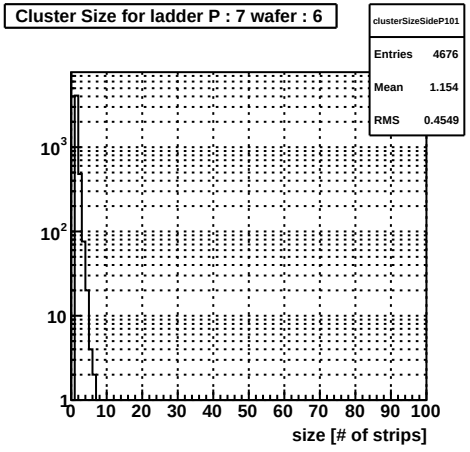

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1899
Mean 1.199
RMS 0.5032
size [# of strips]

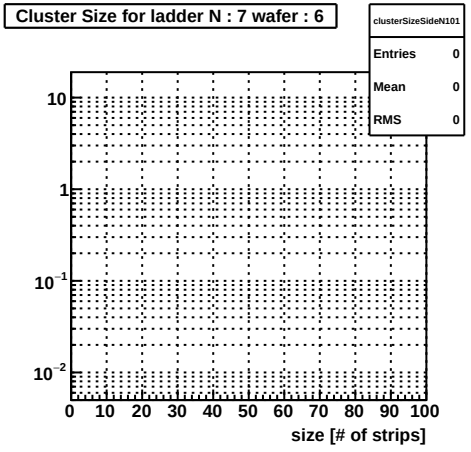

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

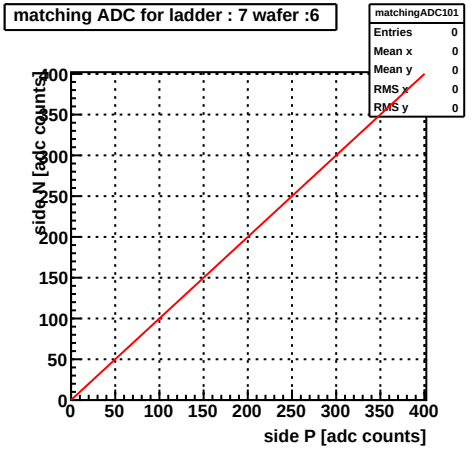

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

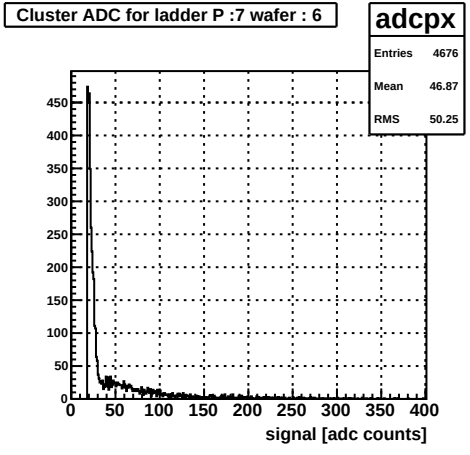

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1899
Mean 57.51
RMS 53.81
signal [adc counts]

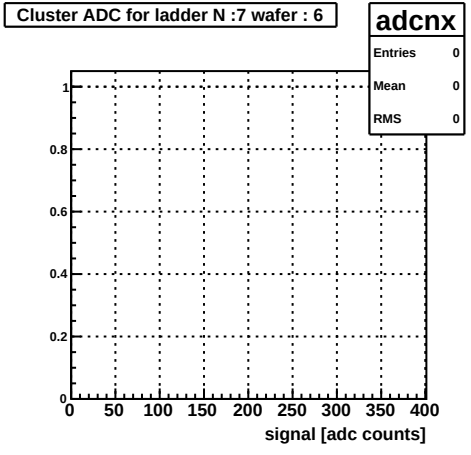

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

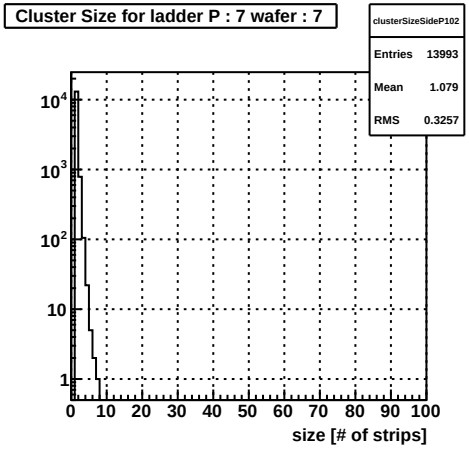

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4676
Mean 1.154
RMS 0.4549
size [# of strips]

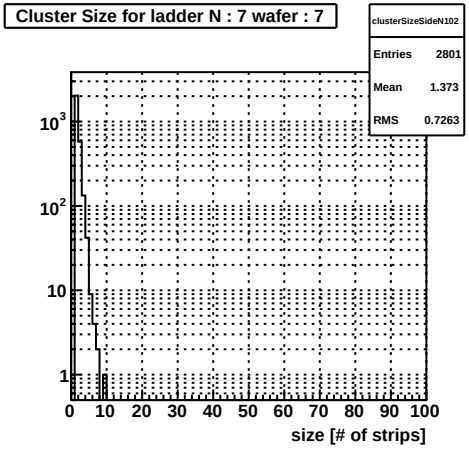

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

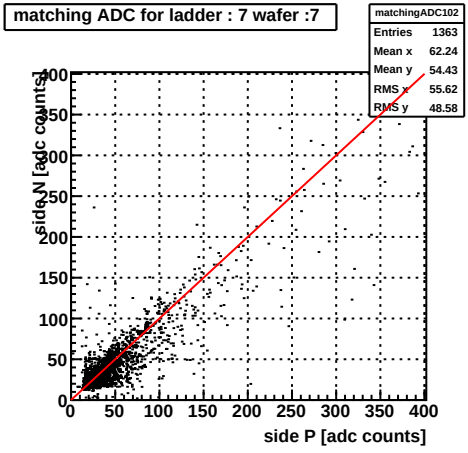

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

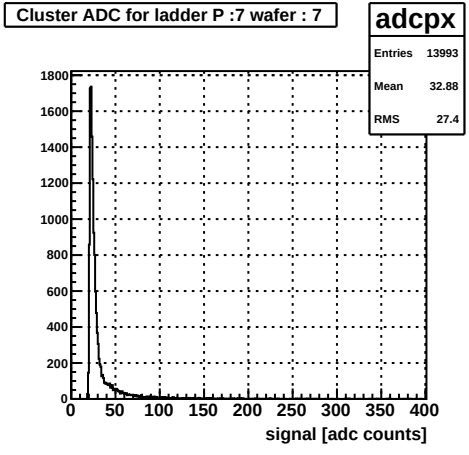

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4676
Mean 46.87
RMS 50.25
signal [adc counts]

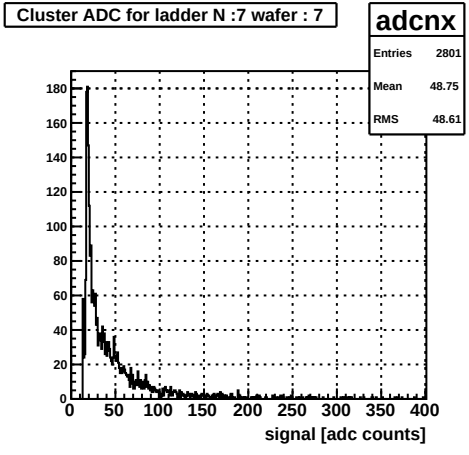

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

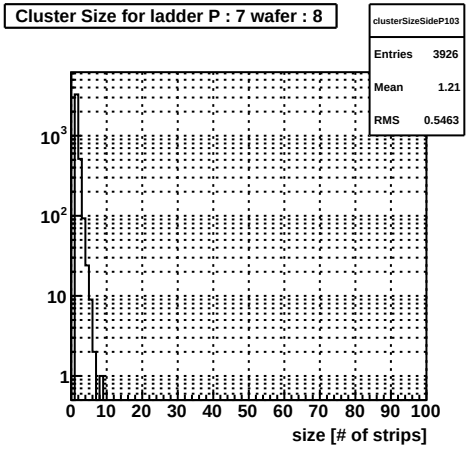

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13993
Mean 1.079
RMS 0.3257
size [# of strips]

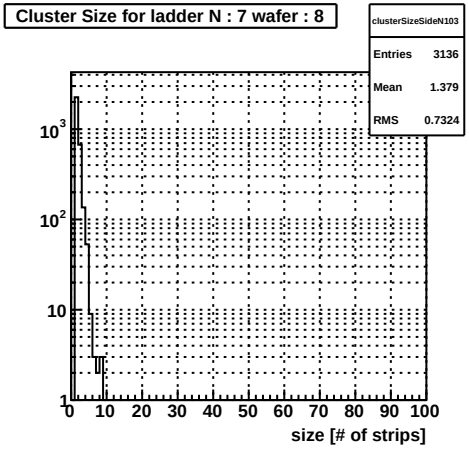

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2801
Mean 1.373
RMS 0.7263
size [# of strips]

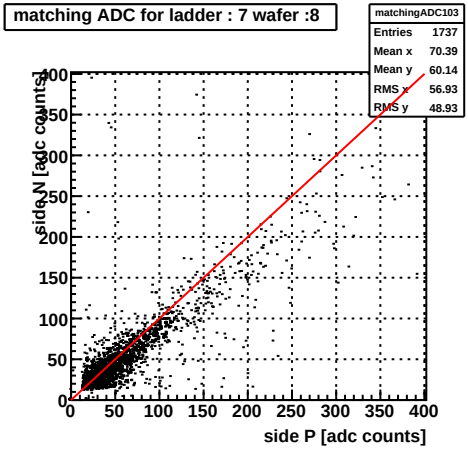

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1363
Mean x 62.24
Mean y 54.43
RMS x 55.62
RMS y 48.58
side N [adc counts]
side P [adc counts]

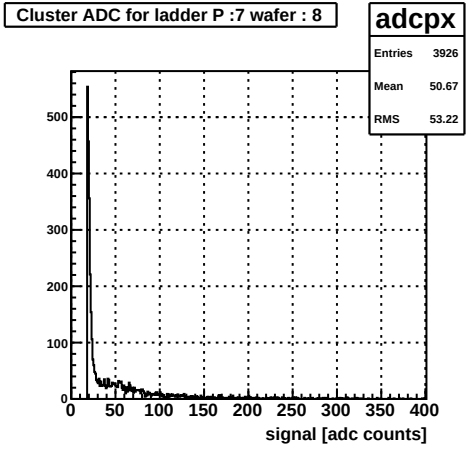

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13993
Mean 32.88
RMS 27.4
signal [adc counts]

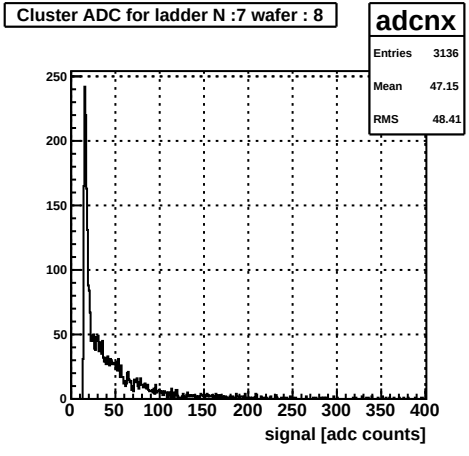

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2801
Mean 48.75
RMS 48.61
signal [adc counts]

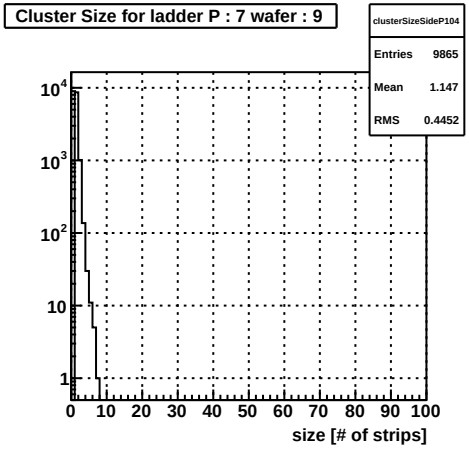

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3926
Mean 1.21
RMS 0.5463
size [# of strips]

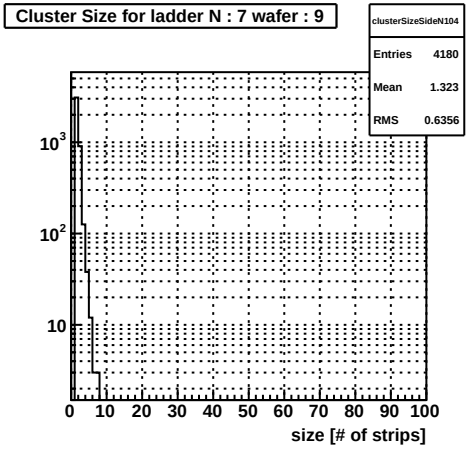

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3136
Mean 1.379
RMS 0.7324
size [# of strips]

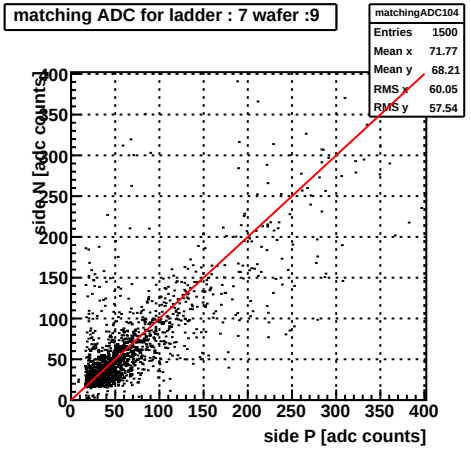

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1737
Mean x 70.39
Mean y 60.14
RMS x 56.93
RMS y 48.93
side N [adc counts]
side P [adc counts]

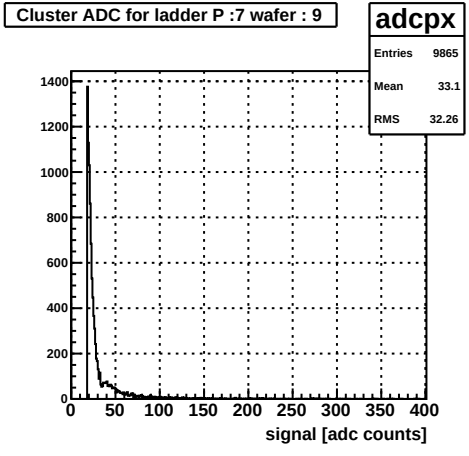

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3926
Mean 50.67
RMS 53.22
signal [adc counts]

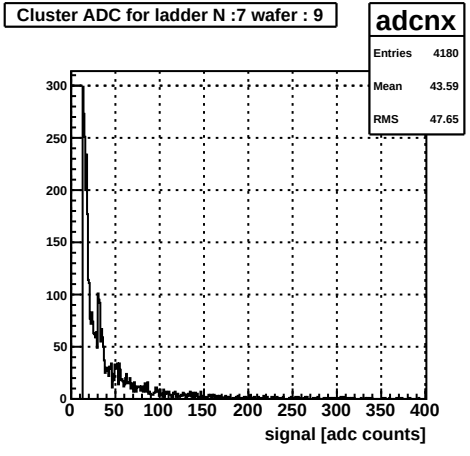

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3136
Mean 47.15
RMS 48.41
signal [adc counts]

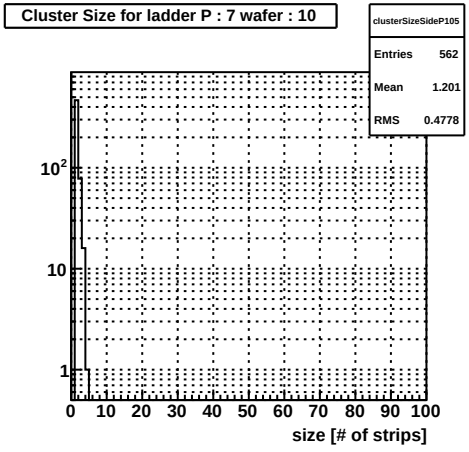

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 9865
Mean 1.147
RMS 0.4452
size [# of strips]

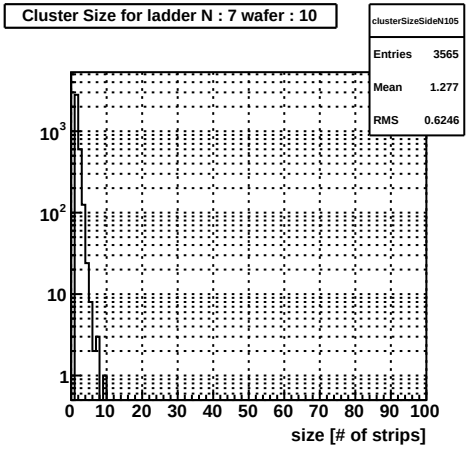

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4180
Mean 1.323
RMS 0.6356
size [# of strips]

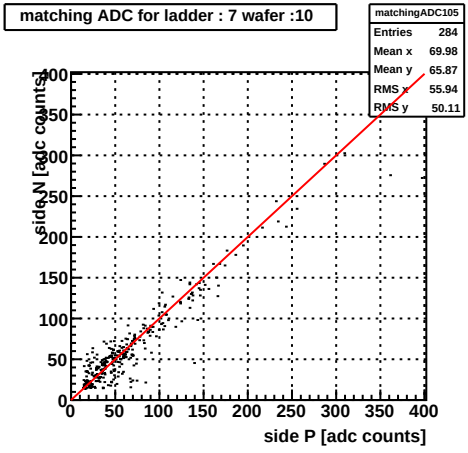

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1500
Mean x 71.77
Mean y 68.21
RMS x 60.05
RMS y 57.54
side N [adc counts]
side P [adc counts]

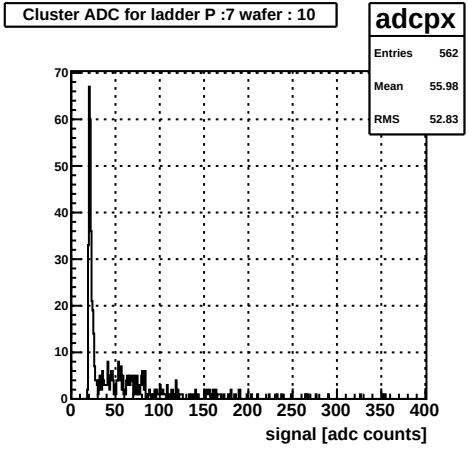

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 9865
Mean 33.1
RMS 32.26
signal [adc counts]

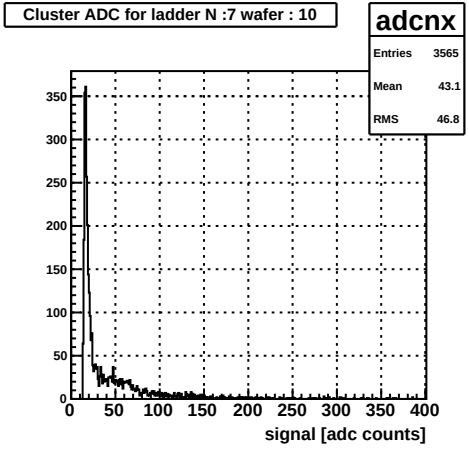

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4180
Mean 43.59
RMS 47.65
signal [adc counts]

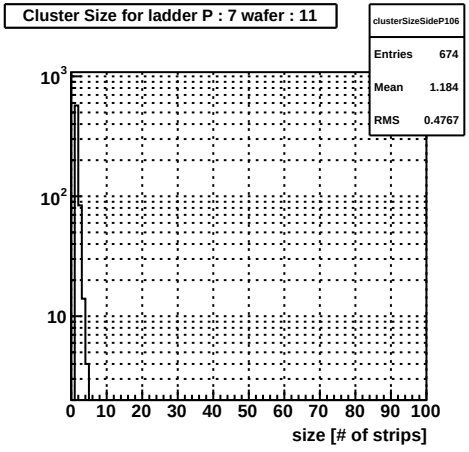

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 562
Mean 1.201
RMS 0.4778
size [# of strips]

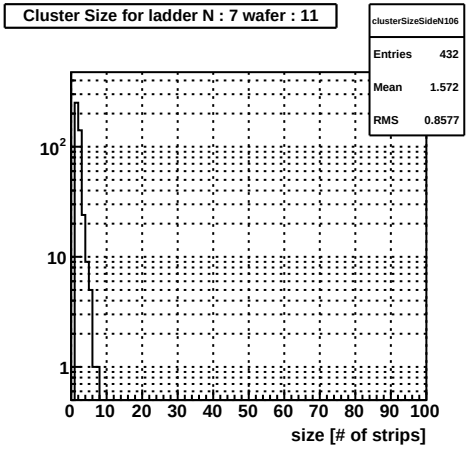

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3565
Mean 1.277
RMS 0.6246
size [# of strips]

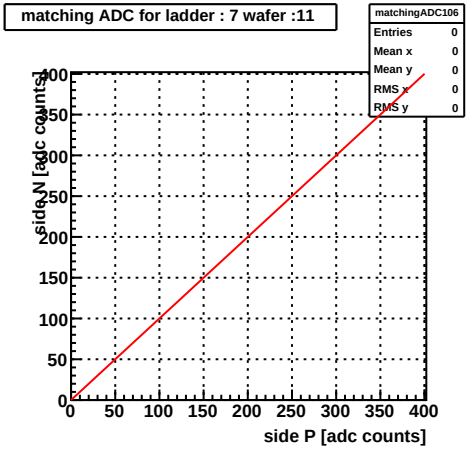

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 284
Mean x 69.98
Mean y 65.87
RMS x 55.94
RMS y 50.11
side N [adc counts]
side P [adc counts]

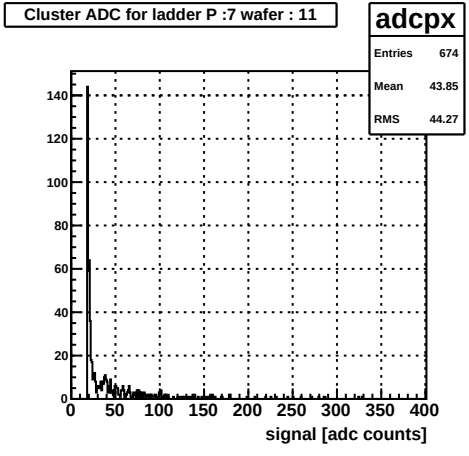

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 562
Mean 55.98
RMS 52.83
signal [adc counts]

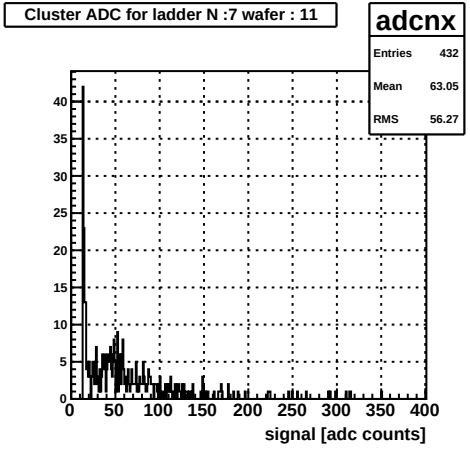

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3565
Mean 43.1
RMS 46.8
signal [adc counts]

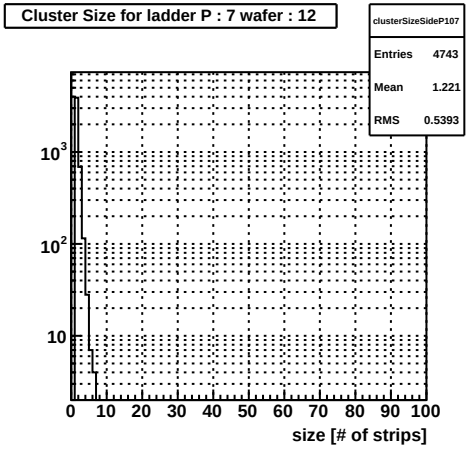

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 674
Mean 1.184
RMS 0.4767
size [# of strips]

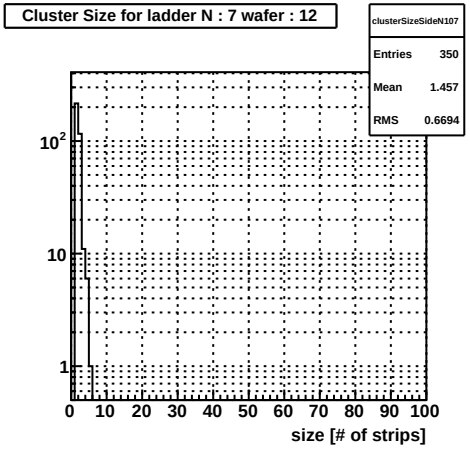

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 432
Mean 1.572
RMS 0.8577
size [# of strips]

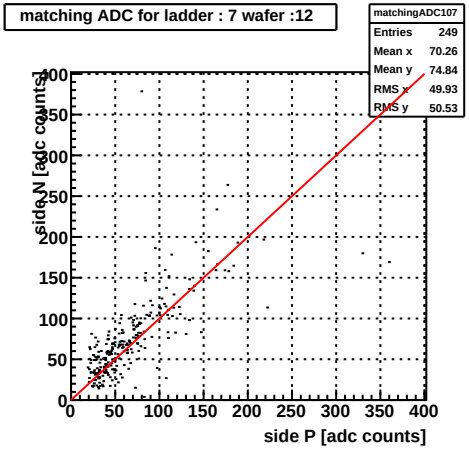

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

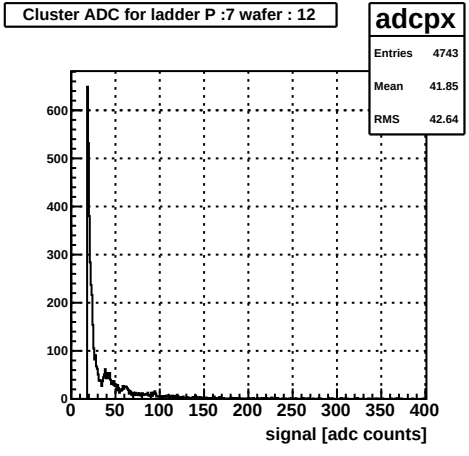

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 674
Mean 43.85
RMS 44.27
signal [adc counts]

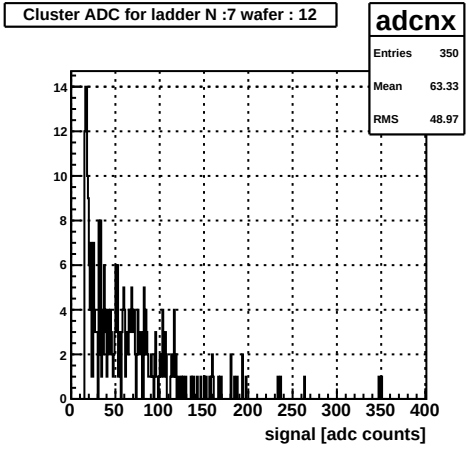

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 432
Mean 63.05
RMS 56.27
signal [adc counts]

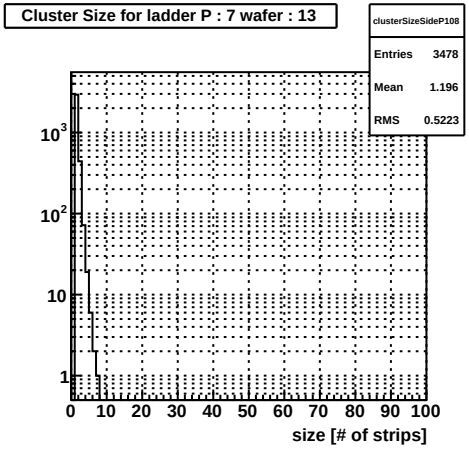

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 4743
Mean 1.221
RMS 0.5393
size [# of strips]

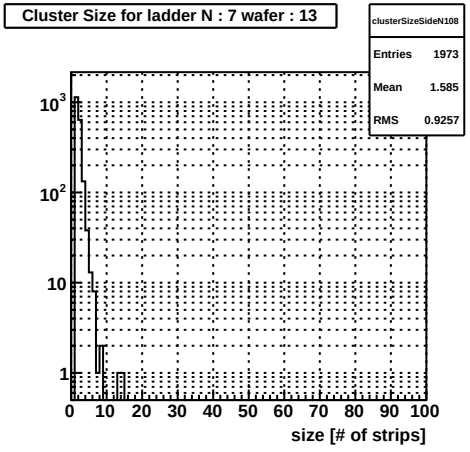

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 350
Mean 1.457
RMS 0.6694
size [# of strips]

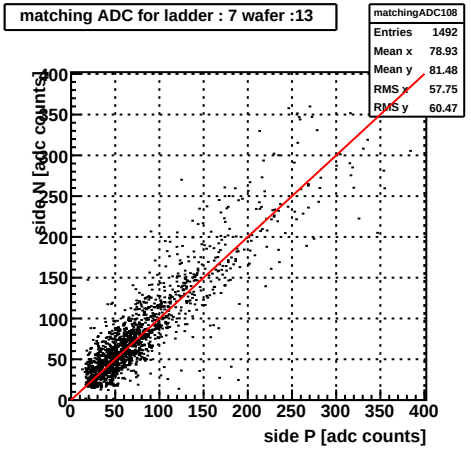

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 249
Mean x 70.26
Mean y 74.84
RMS x 49.93
RMS y 50.53
side N [adc counts]
side P [adc counts]

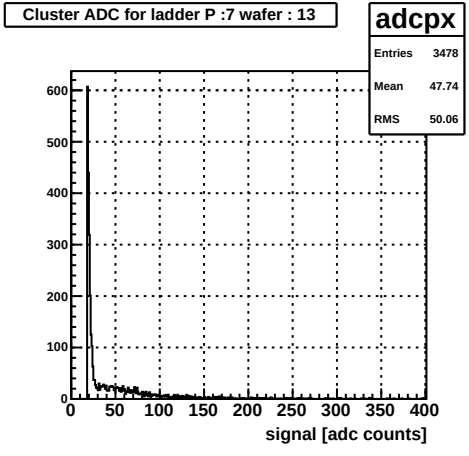

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 4743
Mean 41.85
RMS 42.64
signal [adc counts]

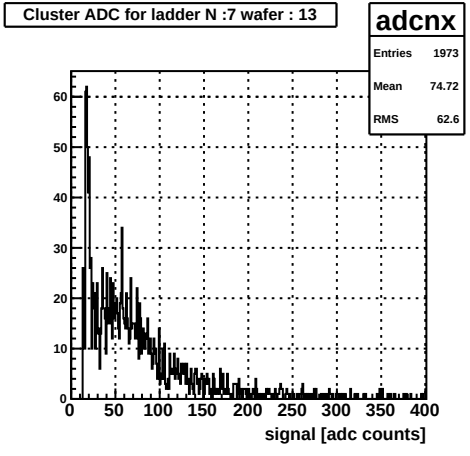

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 350
Mean 63.33
RMS 48.97
signal [adc counts]

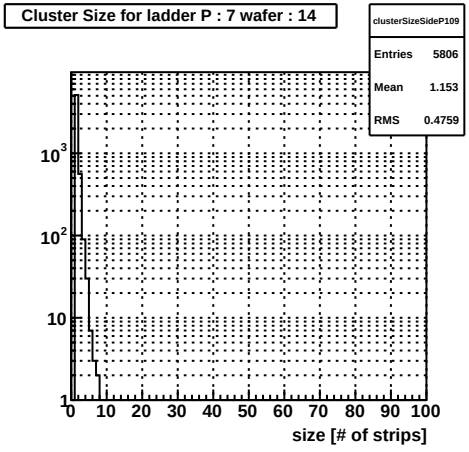

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3478
Mean 1.196
RMS 0.5223
size [# of strips]

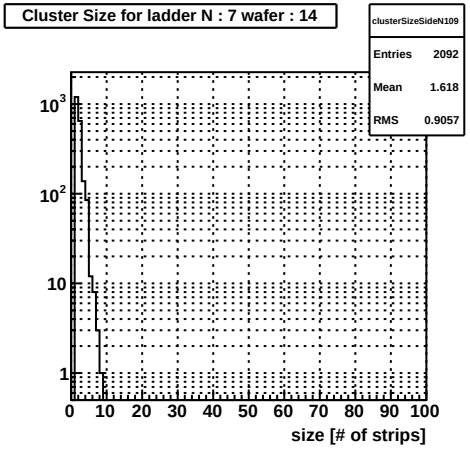

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1973
Mean 1.585
RMS 0.9257
size [# of strips]

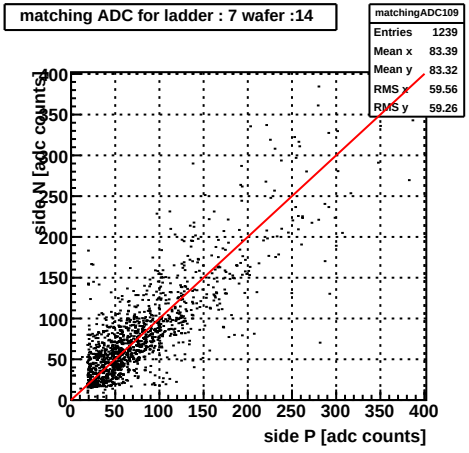

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1492
Mean x 78.93
Mean y 81.48
RMS x 57.75
RMS y 60.47
side N [adc counts]
side P [adc counts]

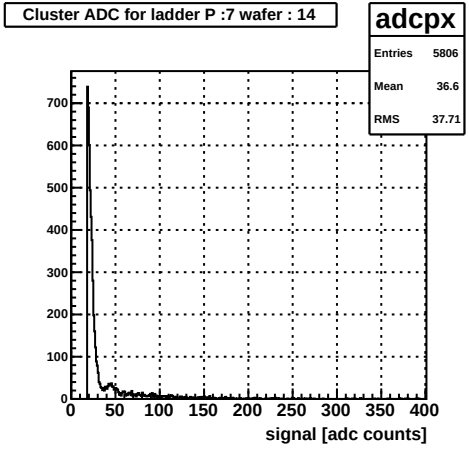

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3478
Mean 47.74
RMS 50.06
signal [adc counts]

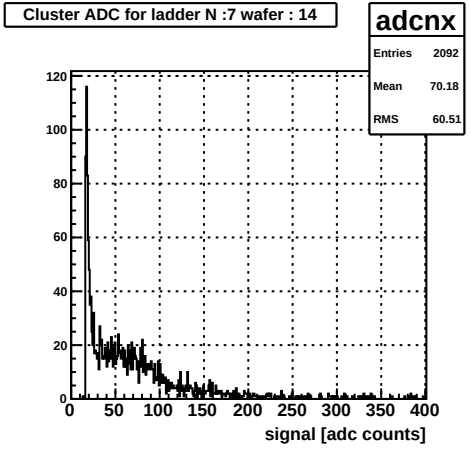

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1973
Mean 74.72
RMS 62.6
signal [adc counts]

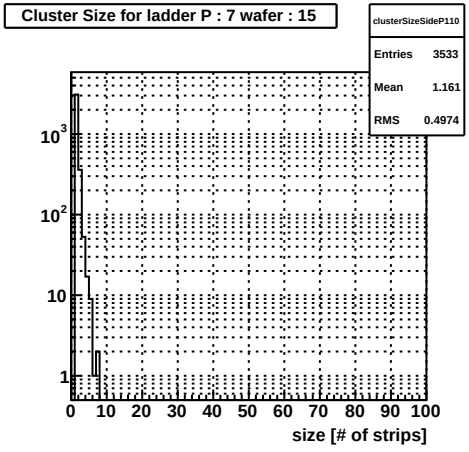

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5806
Mean 1.153
RMS 0.4759
size [# of strips]

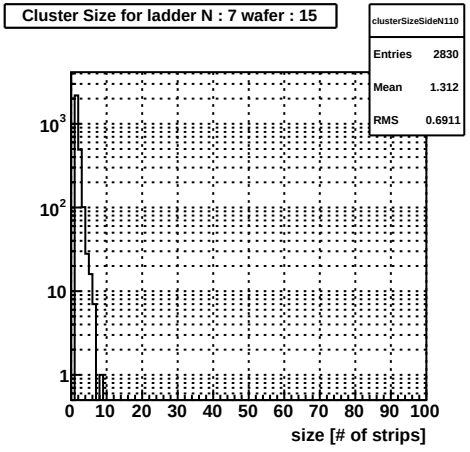

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2092
Mean 1.618
RMS 0.9057
size [# of strips]

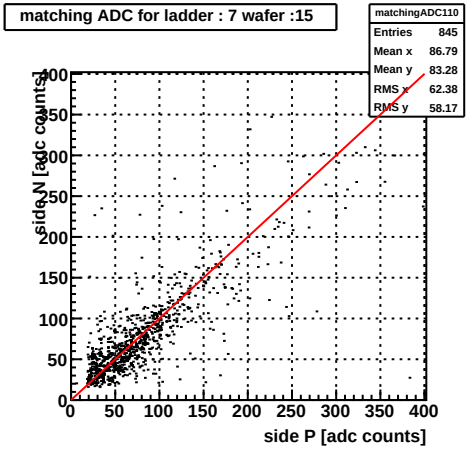

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1239
Mean x 83.39
Mean y 83.32
RMS x 59.56
RMS y 59.26
side N [adc counts]
side P [adc counts]

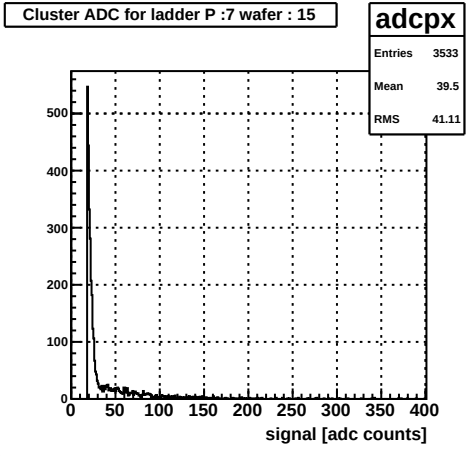

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5806
Mean 36.6
RMS 37.71
signal [adc counts]

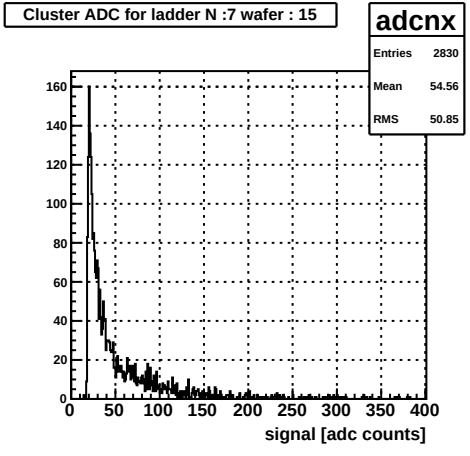

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2092
Mean 70.18
RMS 60.51
signal [adc counts]

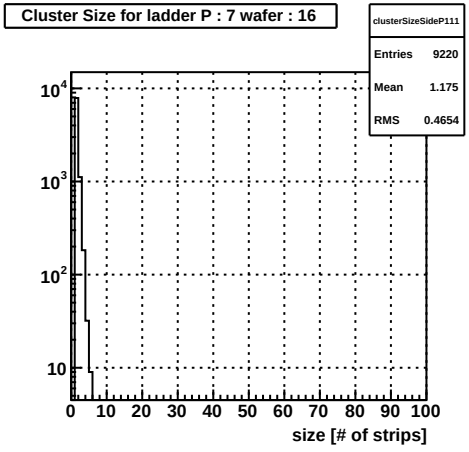

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3533
Mean 1.161
RMS 0.4974
size [# of strips]

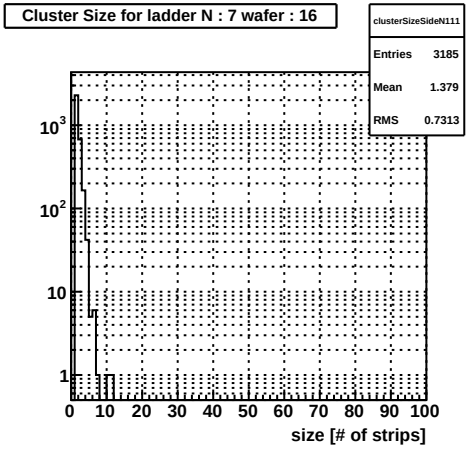

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2830
Mean 1.312
RMS 0.6911
size [# of strips]

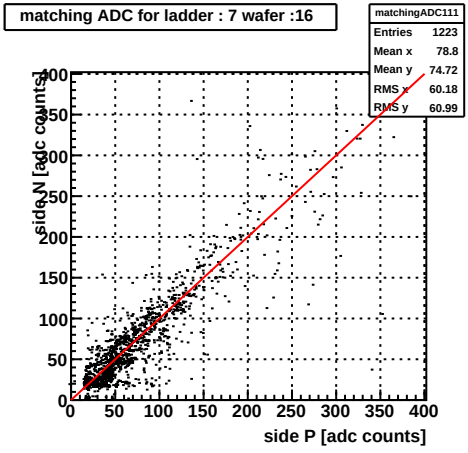

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 845
Mean x 86.79
Mean y 83.28
RMS x 62.38
RMS y 58.17
side N [adc counts]
side P [adc counts]

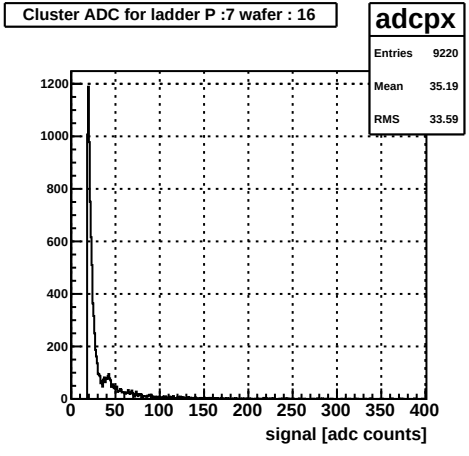

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3533
Mean 39.5
RMS 41.11
signal [adc counts]

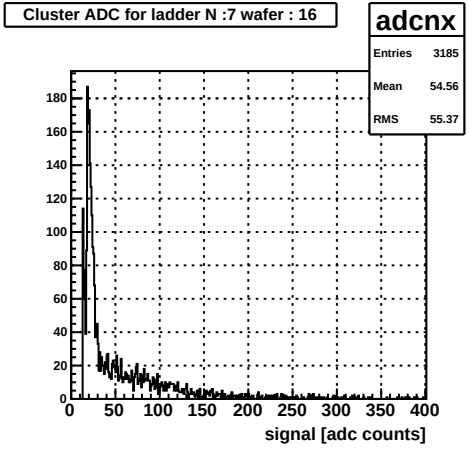

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2830
Mean 54.56
RMS 50.85
signal [adc counts]

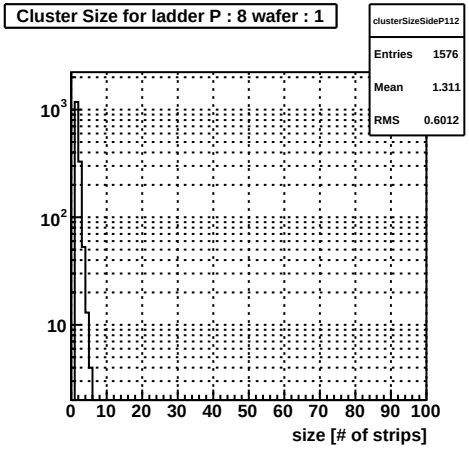

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9220
Mean 1.175
RMS 0.4654
size [# of strips]

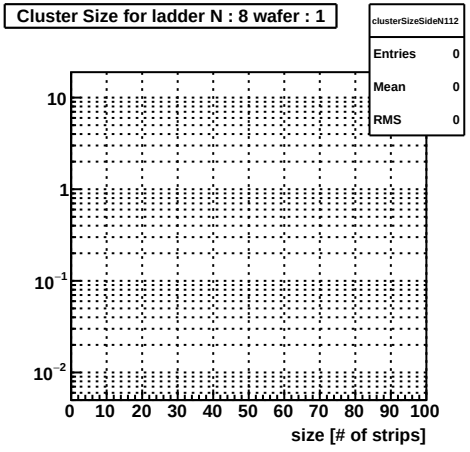

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3185
Mean 1.379
RMS 0.7313
size [# of strips]

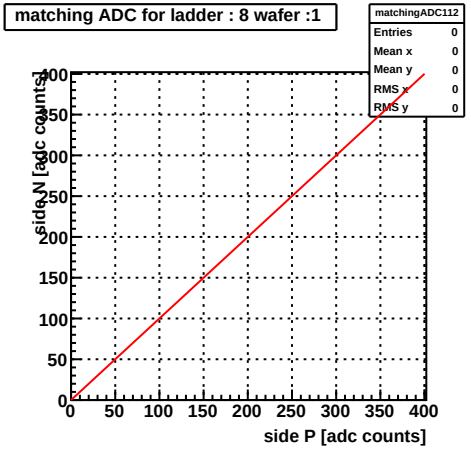

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1223
Mean x 78.8
Mean y 74.72
RMS x 60.18
RMS y 60.99
side N [adc counts]
side P [adc counts]

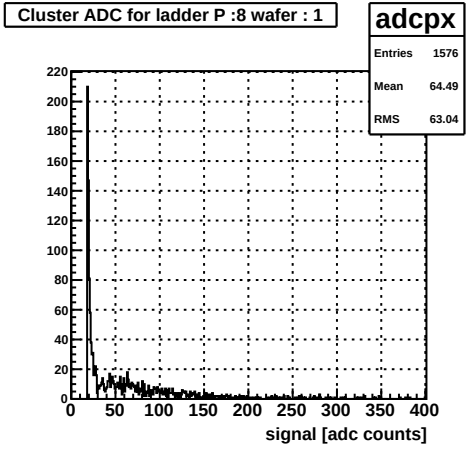

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9220
Mean 35.19
RMS 33.59
signal [adc counts]

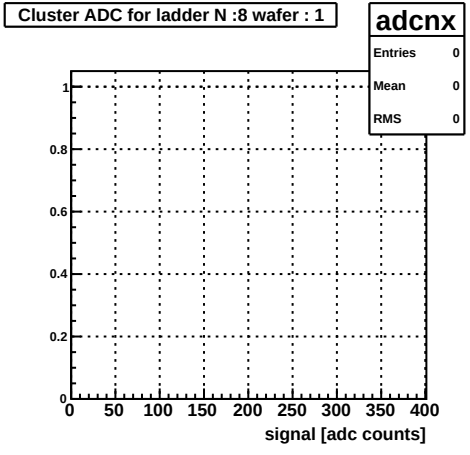

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3185
Mean 54.56
RMS 55.37
signal [adc counts]

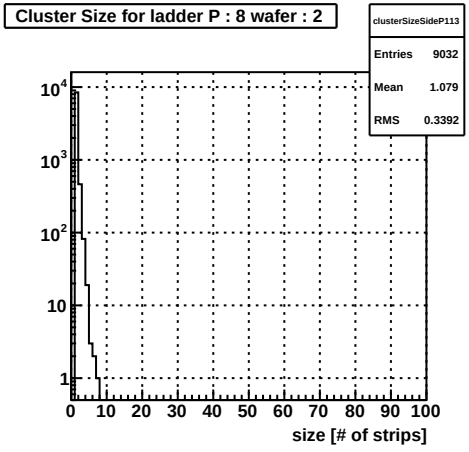

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1576
Mean 1.311
RMS 0.6012
size [# of strips]

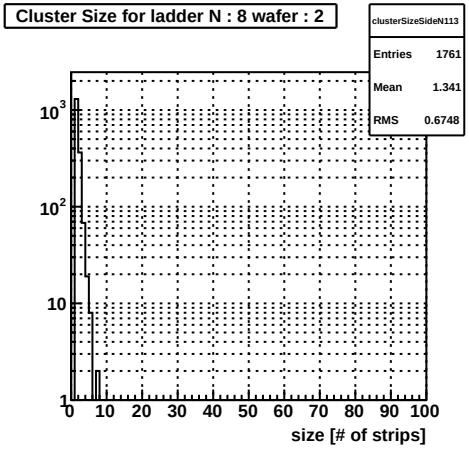

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

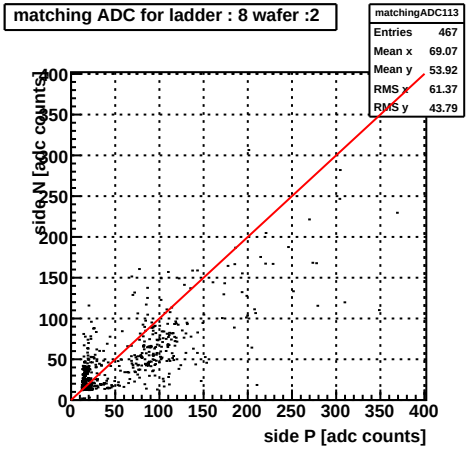

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

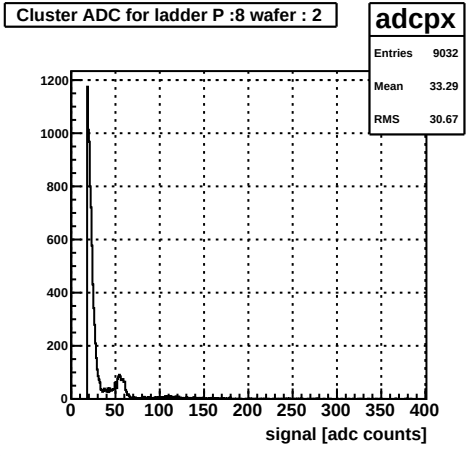

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1576
Mean 64.49
RMS 63.04
signal [adc counts]

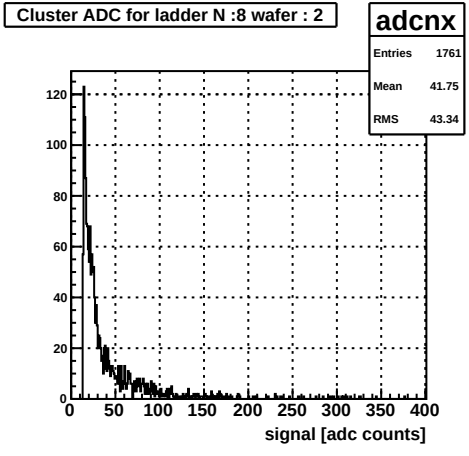

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

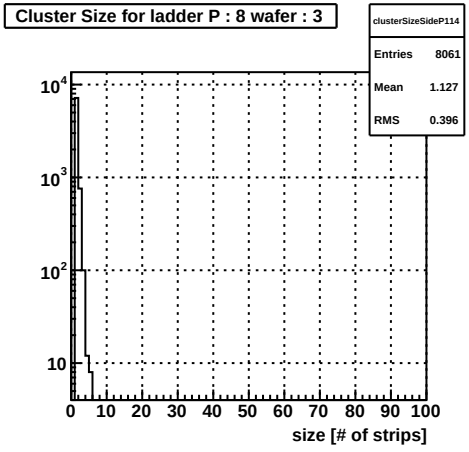

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 9032
Mean 1.079
RMS 0.3392
size [# of strips]

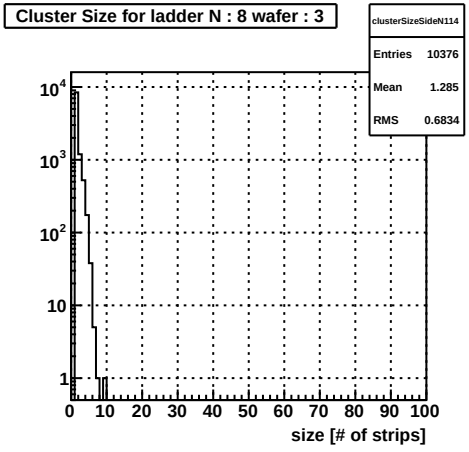

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1761
Mean 1.341
RMS 0.6748
size [# of strips]

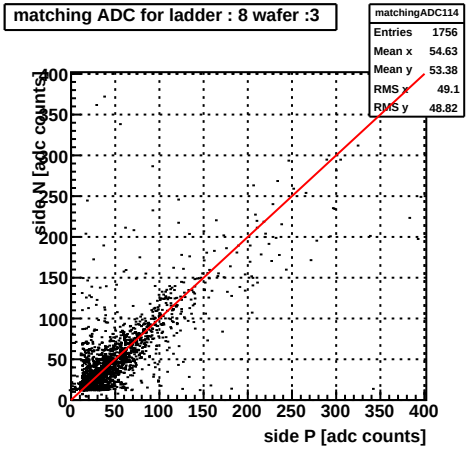

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 467
Mean x 69.07
Mean y 53.92
RMS x 61.37
RMS y 43.79
side N [adc counts]
side P [adc counts]

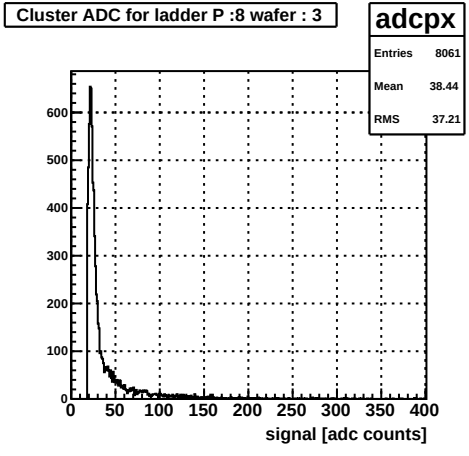

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 9032
Mean 33.29
RMS 30.67
signal [adc counts]

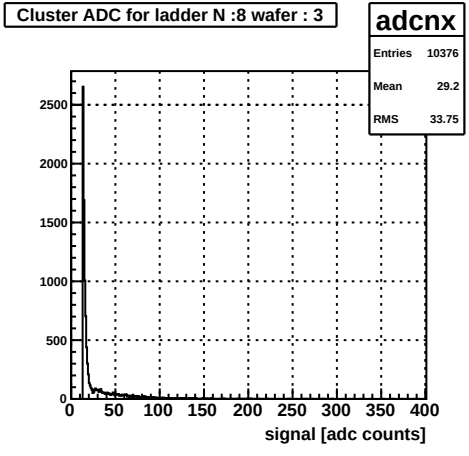

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1761
Mean 41.75
RMS 43.34
signal [adc counts]

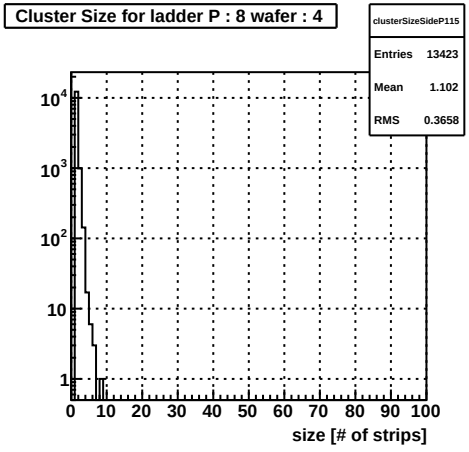

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 8061
Mean 1.127
RMS 0.396
size [# of strips]

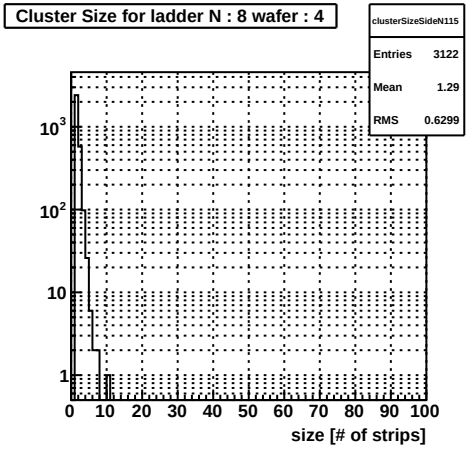

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10376
Mean 1.285
RMS 0.6834
size [# of strips]

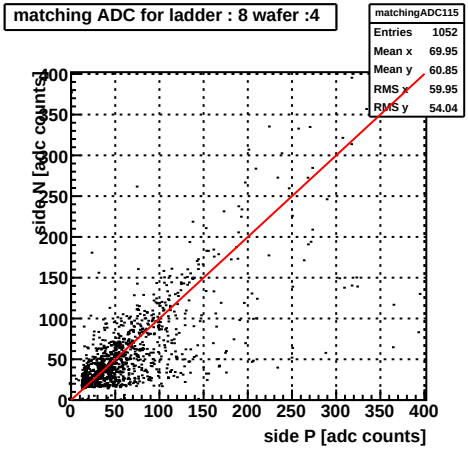

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1756
Mean x 54.63
Mean y 53.38
RMS x 49.1
RMS y 48.82
side N [adc counts]
side P [adc counts]

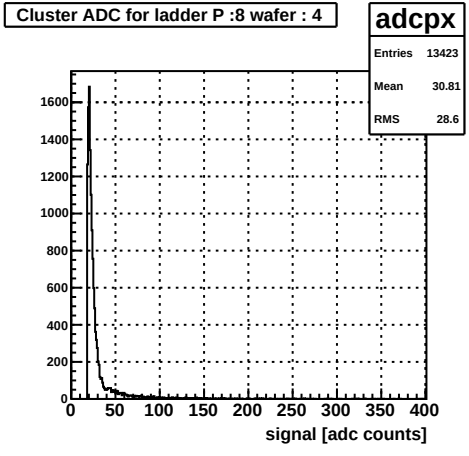

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 8061
Mean 38.44
RMS 37.21
signal [adc counts]

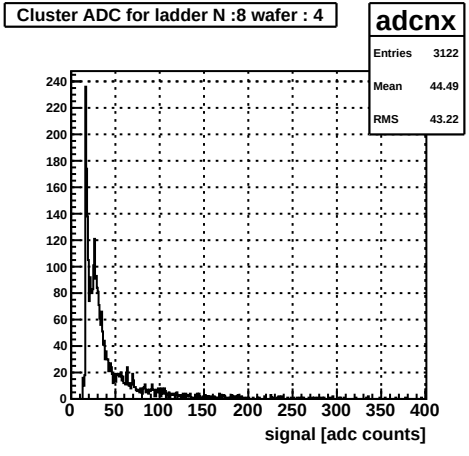

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10376
Mean 29.2
RMS 33.75
signal [adc counts]

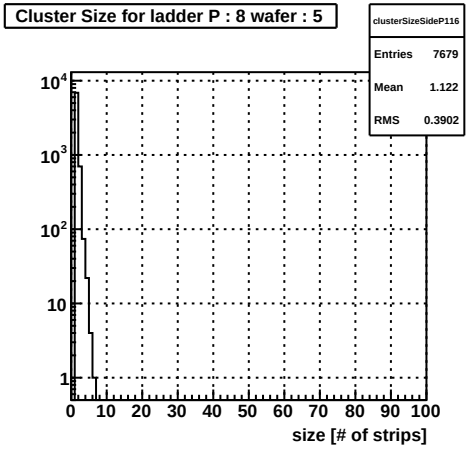

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13423
Mean 1.102
RMS 0.3658
size [# of strips]

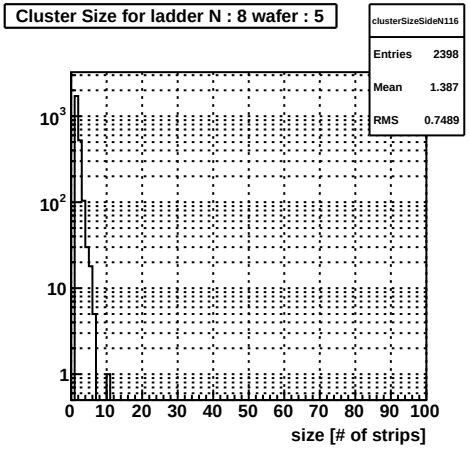

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3122
Mean 1.29
RMS 0.6299
size [# of strips]

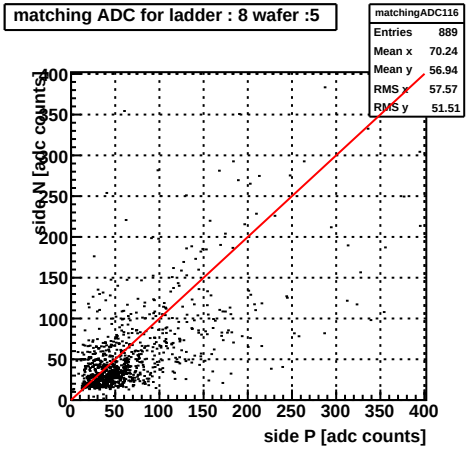

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1052
Mean x 69.95
Mean y 60.85
RMS x 59.95
RMS y 54.04
side N [adc counts]
side P [adc counts]

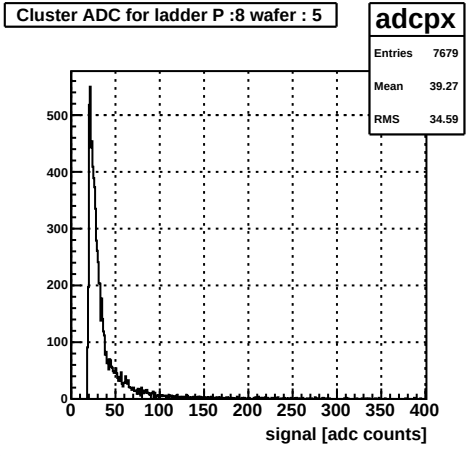

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13423
Mean 30.81
RMS 28.6
signal [adc counts]

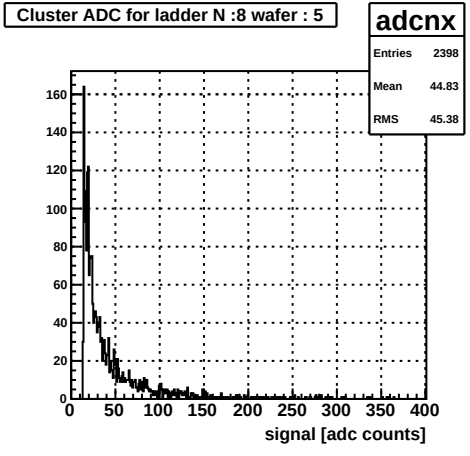

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3122
Mean 44.49
RMS 43.22
signal [adc counts]

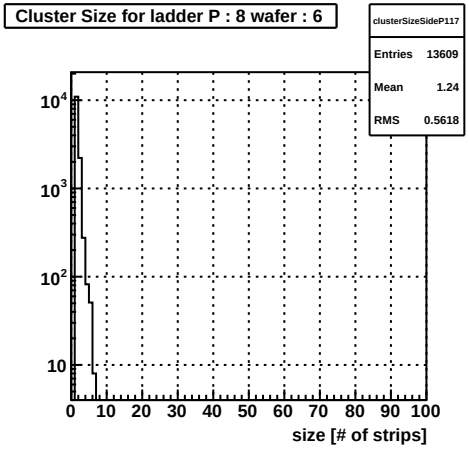

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7679
Mean 1.122
RMS 0.3902
size [# of strips]

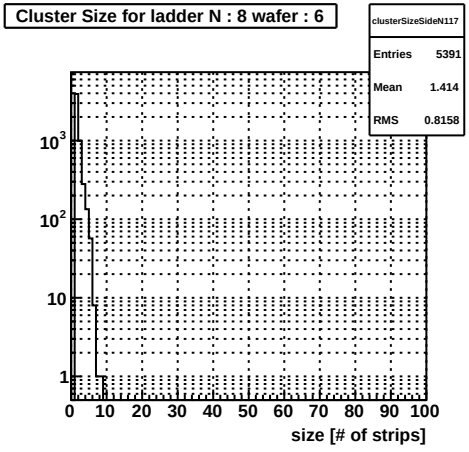

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2398
Mean 1.387
RMS 0.7489
size [# of strips]

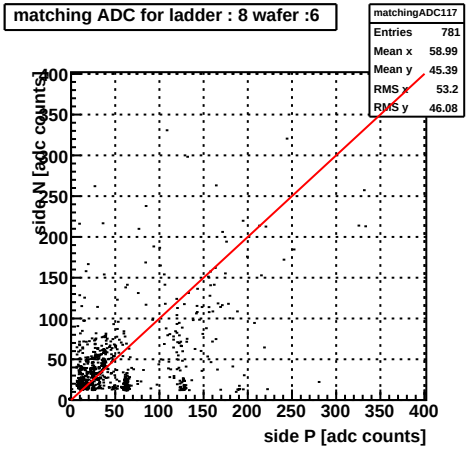

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 889
Mean x 70.24
Mean y 56.94
RMS x 57.57
RMS y 51.51
side N [adc counts]
side P [adc counts]

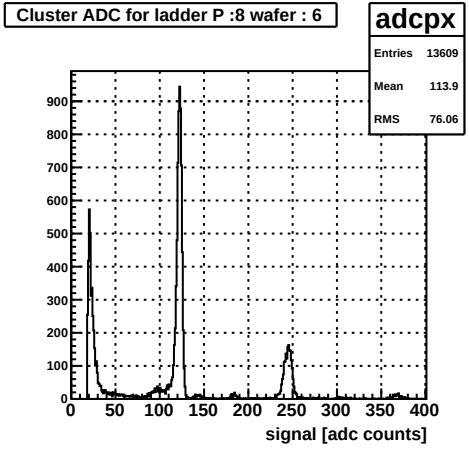

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7679
Mean 39.27
RMS 34.59
signal [adc counts]

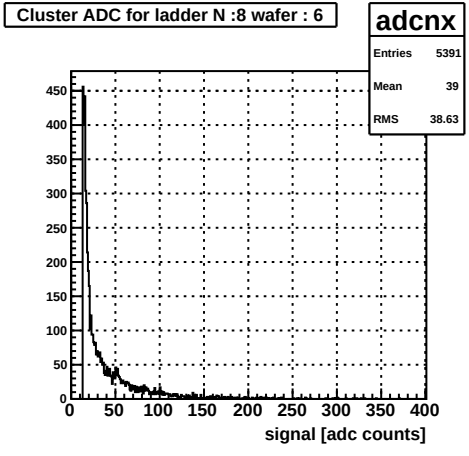

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2398
Mean 44.83
RMS 45.38
signal [adc counts]

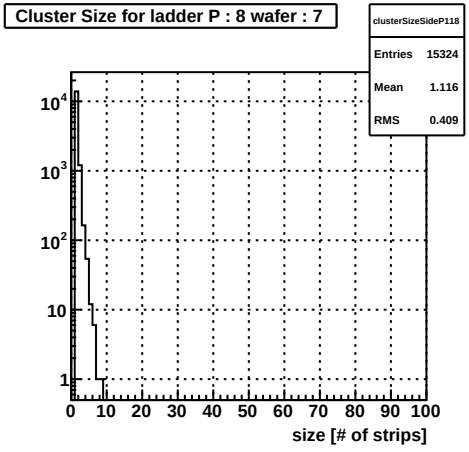

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 13609
Mean 1.24
RMS 0.5618
size [# of strips]

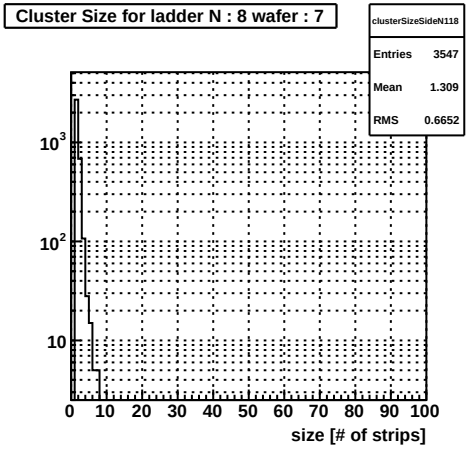

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5391
Mean 1.414
RMS 0.8158
size [# of strips]

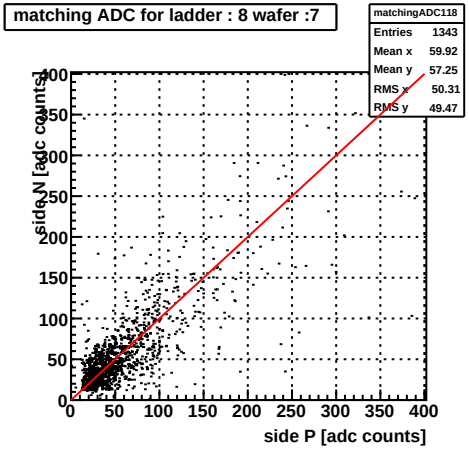

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 781
Mean x 58.99
Mean y 45.39
RMS x 53.2
RMS y 46.08
side N [adc counts]
side P [adc counts]

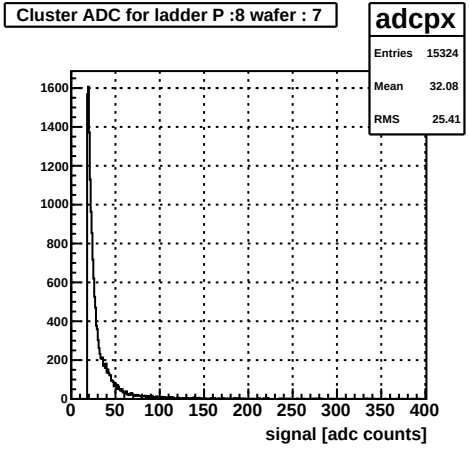

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 13609
Mean 113.9
RMS 76.06
signal [adc counts]

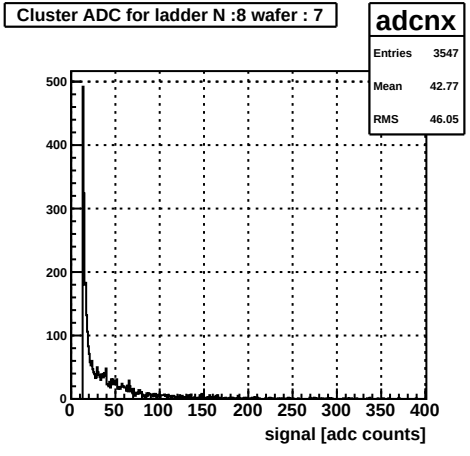

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5391
Mean 39
RMS 38.63
signal [adc counts]

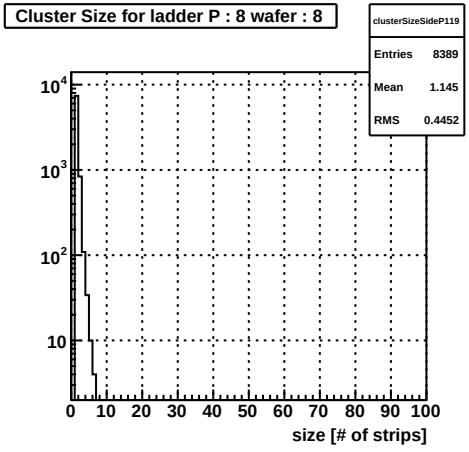

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15324
Mean 1.116
RMS 0.409
size [# of strips]

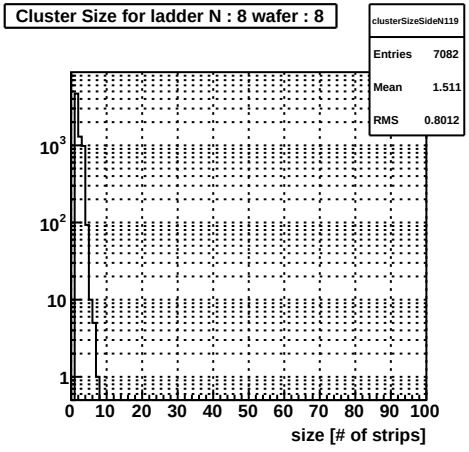

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3547
Mean 1.309
RMS 0.6652
size [# of strips]

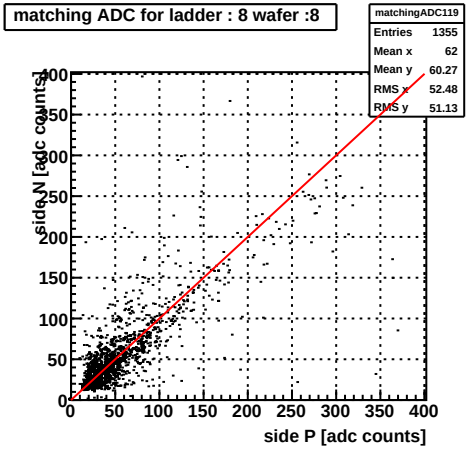

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1343
Mean x 59.92
Mean y 57.25
RMS x 50.31
RMS y 49.47
side N [adc counts]
side P [adc counts]

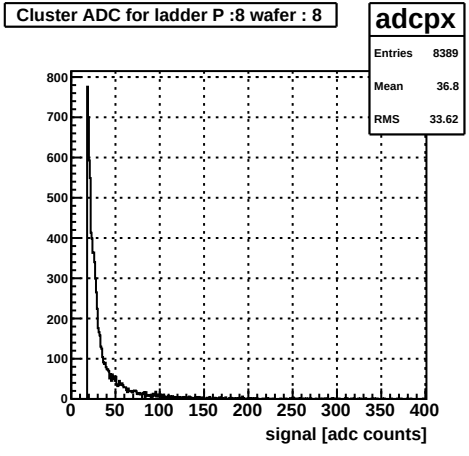

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15324
Mean 32.08
RMS 25.41
signal [adc counts]

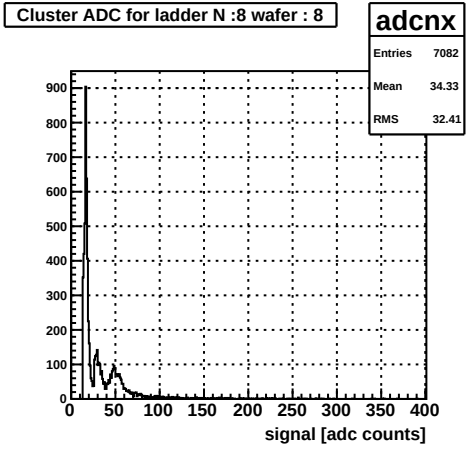

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3547
Mean 42.77
RMS 46.05
signal [adc counts]

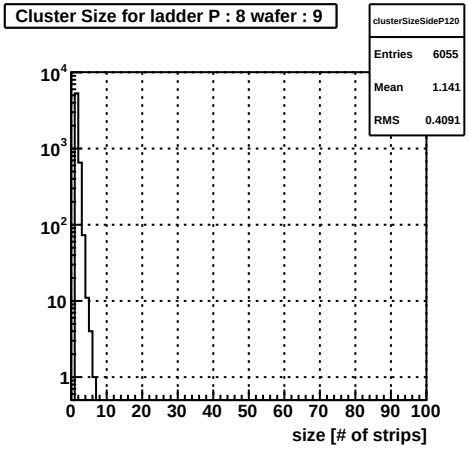

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8389
Mean 1.145
RMS 0.4452
size [# of strips]

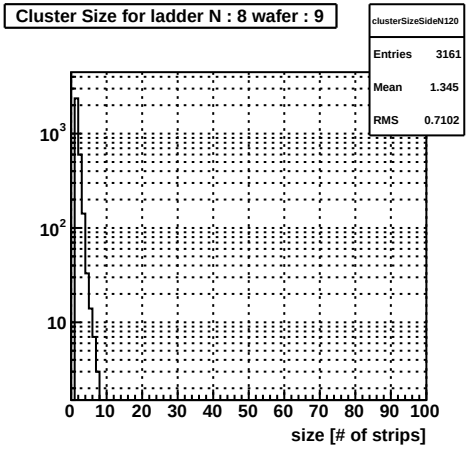

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7082
Mean 1.511
RMS 0.8012
size [# of strips]

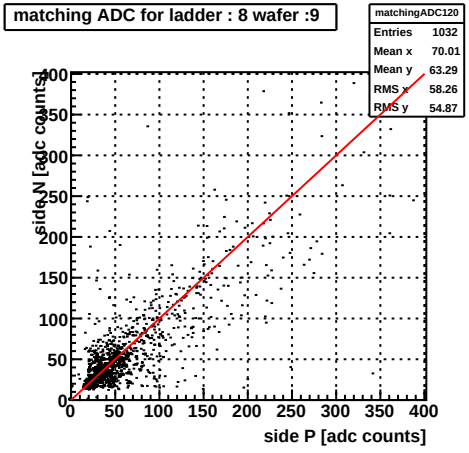

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1355
Mean x 62
Mean y 60.27
RMS x 52.48
RMS y 51.13
side N [adc counts]
side P [adc counts]

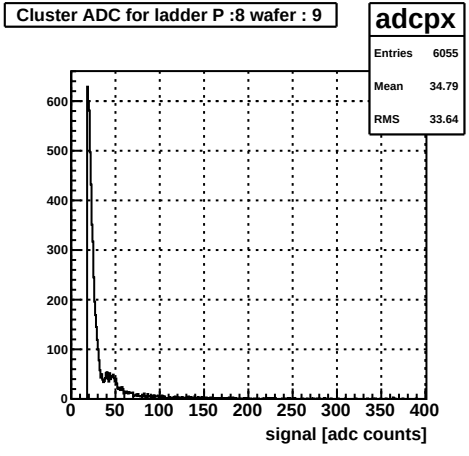

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8389
Mean 36.8
RMS 33.62
signal [adc counts]

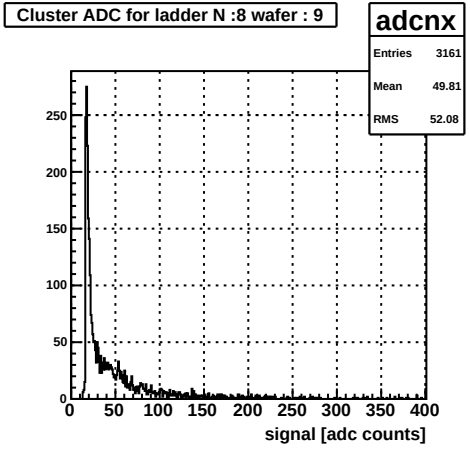

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7082
Mean 34.33
RMS 32.41
signal [adc counts]

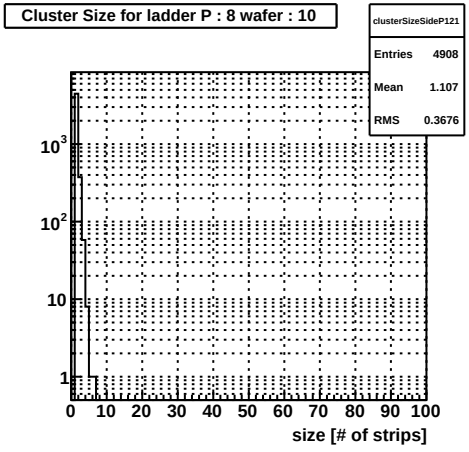

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6055
Mean 1.141
RMS 0.4091
size [# of strips]

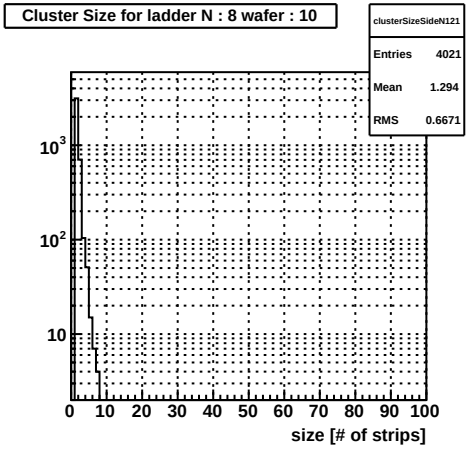

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3161
Mean 1.345
RMS 0.7102
size [# of strips]

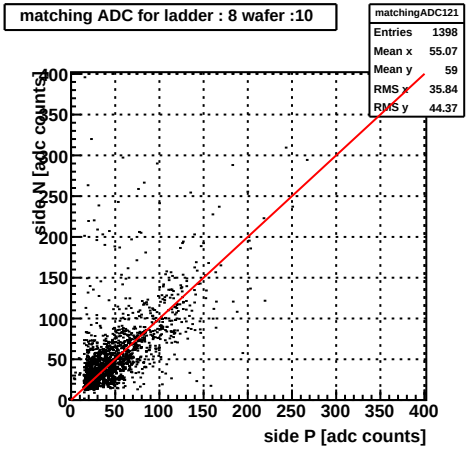

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1032
Mean x 70.01
Mean y 63.29
RMS x 58.26
RMS y 54.87
side N [adc counts]
side P [adc counts]

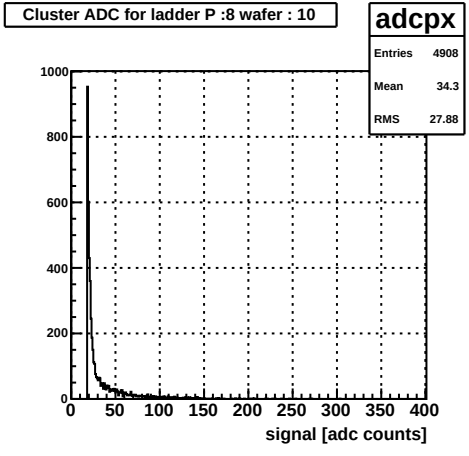

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6055
Mean 34.79
RMS 33.64
signal [adc counts]

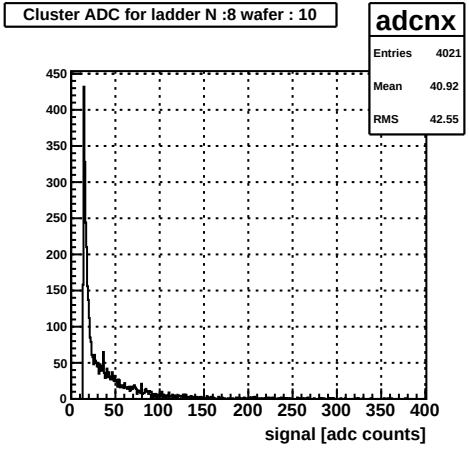

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3161
Mean 49.81
RMS 52.08
signal [adc counts]

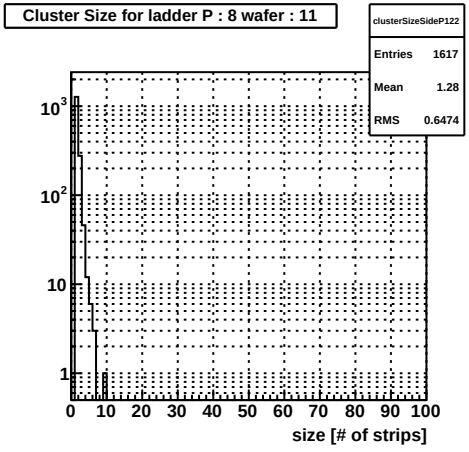

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4908
Mean 1.107
RMS 0.3676
size [# of strips]

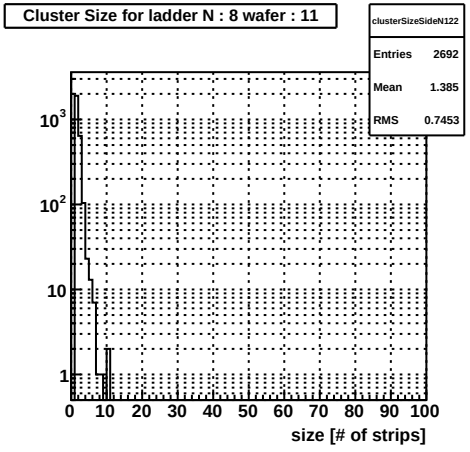

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4021
Mean 1.294
RMS 0.6671
size [# of strips]

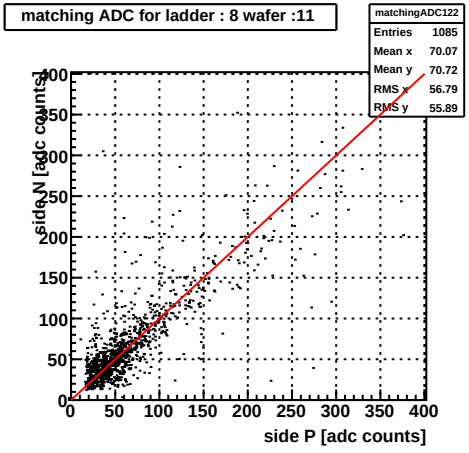

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1398
Mean x 55.07
Mean y 59
RMS x 35.84
RMS y 44.37
side N [adc counts]
side P [adc counts]

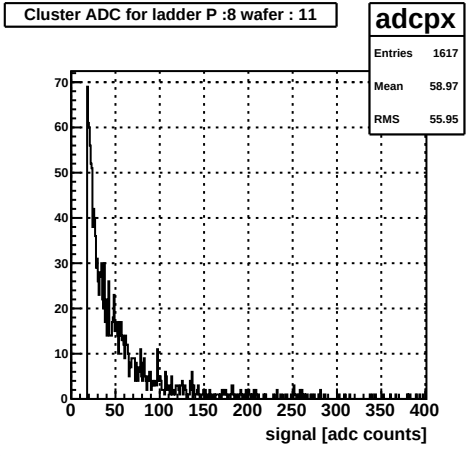

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4908
Mean 34.3
RMS 27.88
signal [adc counts]

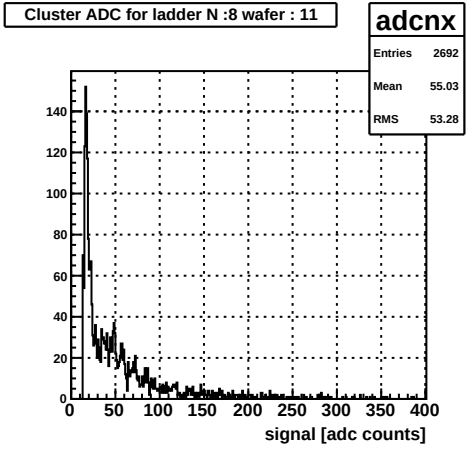

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4021
Mean 40.92
RMS 42.55
signal [adc counts]

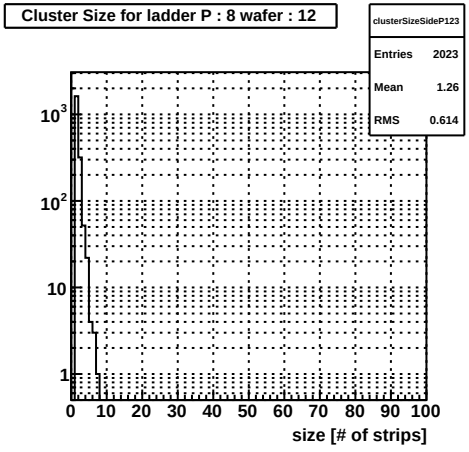

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1617
Mean 1.28
RMS 0.6474
size [# of strips]

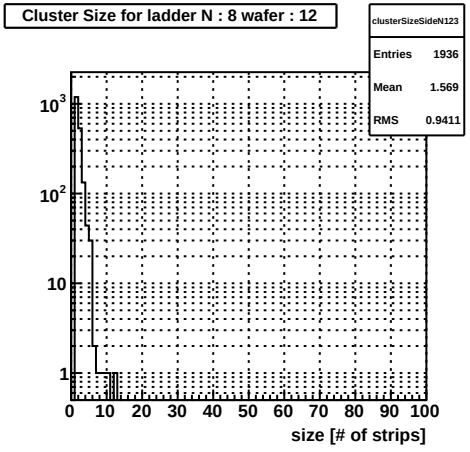

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2692
Mean 1.385
RMS 0.7453
size [# of strips]

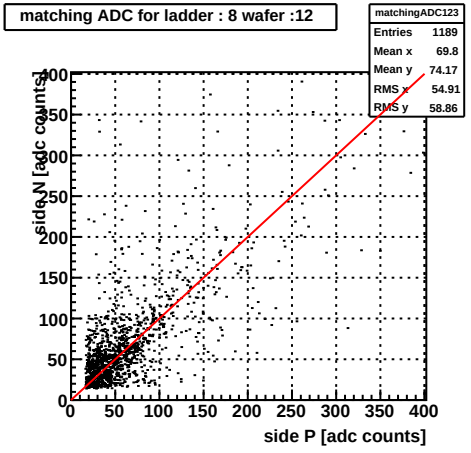

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1085
Mean x 70.07
Mean y 70.72
RMS x 56.79
RMS y 55.89
side N [adc counts]
side P [adc counts]

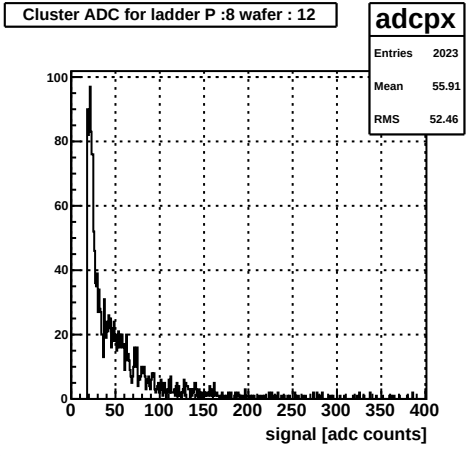

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1617
Mean 58.97
RMS 55.95
signal [adc counts]

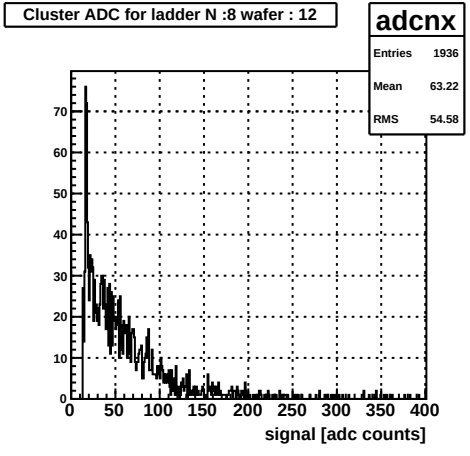

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2692
Mean 55.03
RMS 53.28
signal [adc counts]

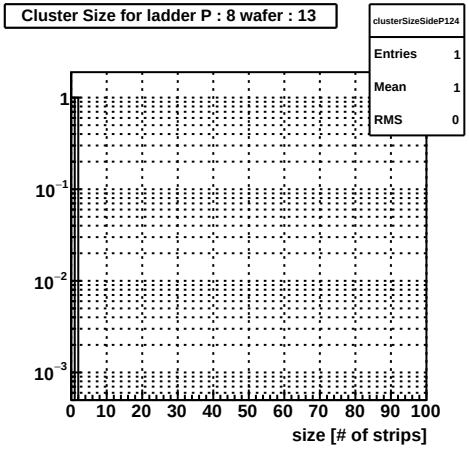

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2023
Mean 1.26
RMS 0.614
size [# of strips]

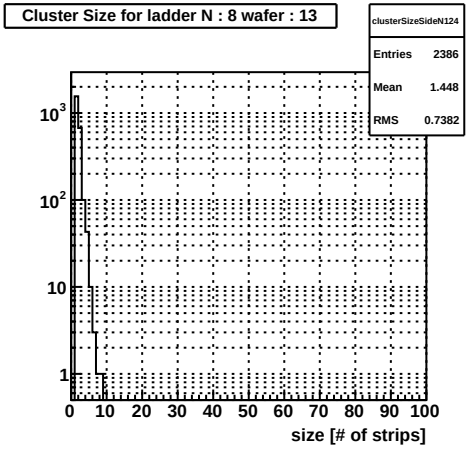

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1936
Mean 1.569
RMS 0.9411
size [# of strips]

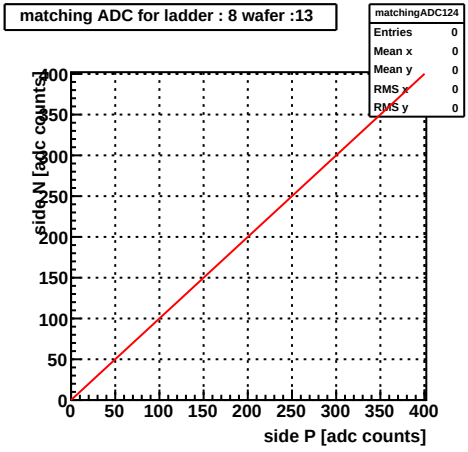

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1189
Mean x 69.8
Mean y 74.17
RMS x 54.91
RMS y 58.86
side N [adc counts]
side P [adc counts]

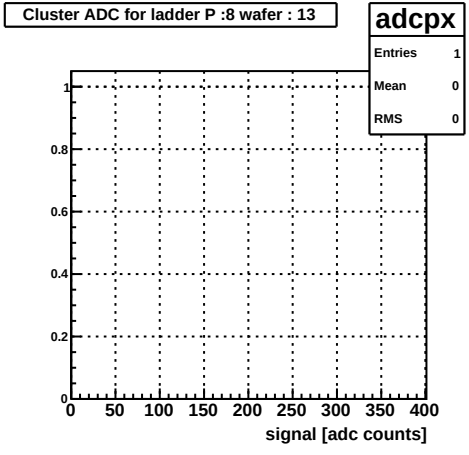

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2023
Mean 55.91
RMS 52.46
signal [adc counts]

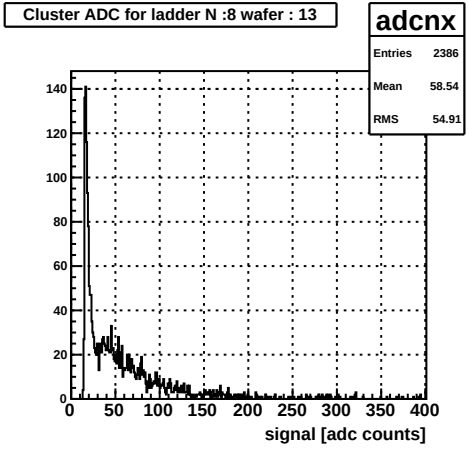

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1936
Mean 63.22
RMS 54.58
signal [adc counts]

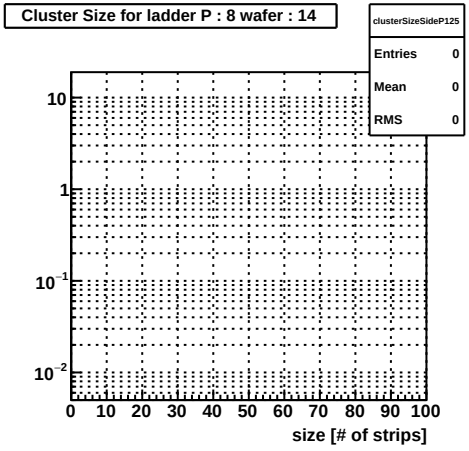

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

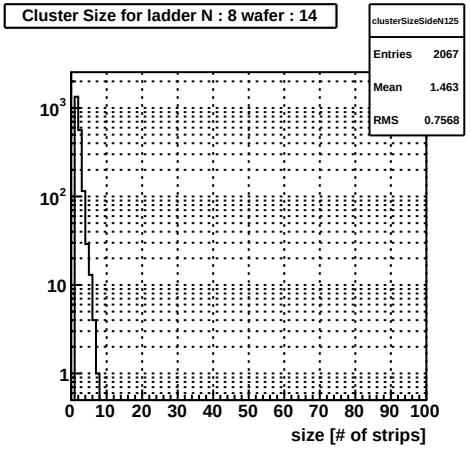

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2386
Mean 1.448
RMS 0.7382
size [# of strips]

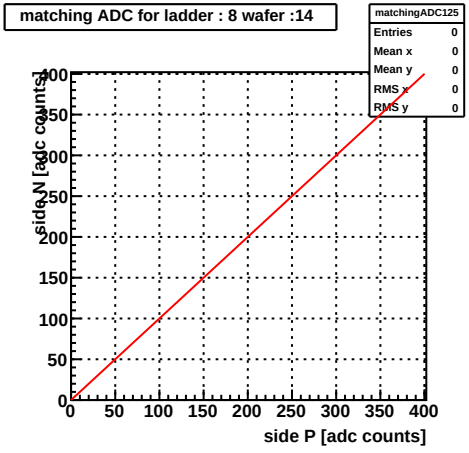

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

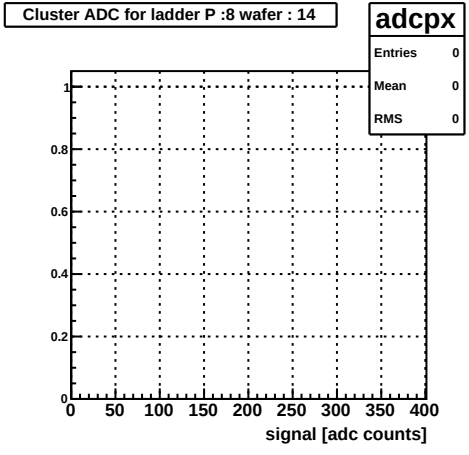

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

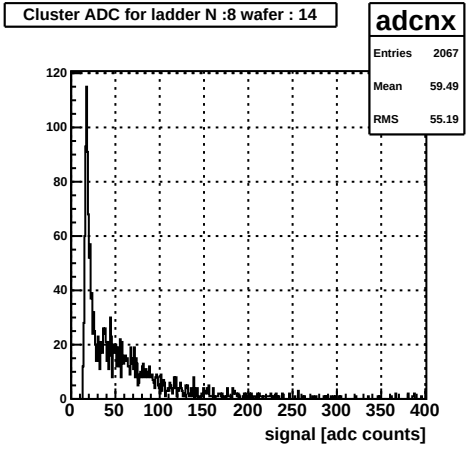

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2386
Mean 58.54
RMS 54.91
signal [adc counts]

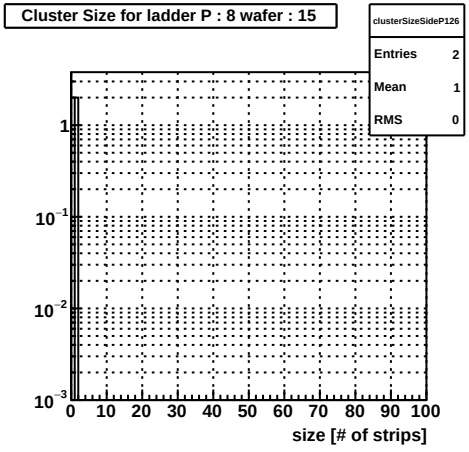

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

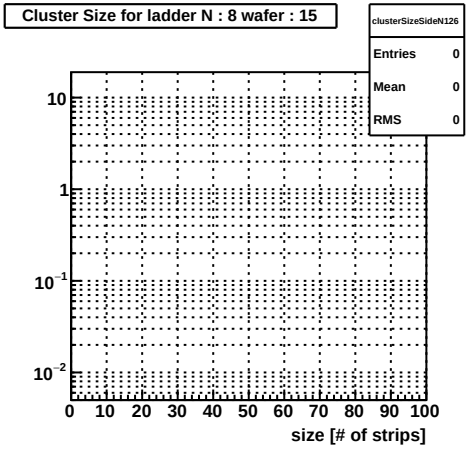

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2067
Mean 1.463
RMS 0.7568
size [# of strips]

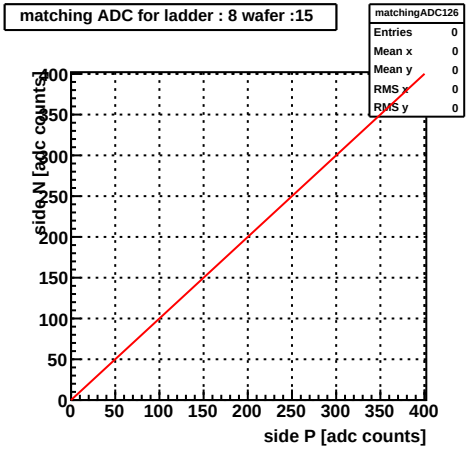

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

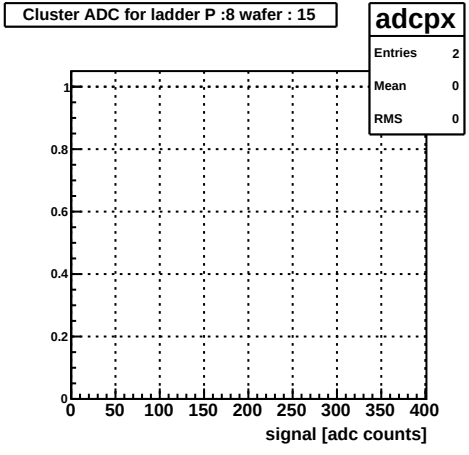

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

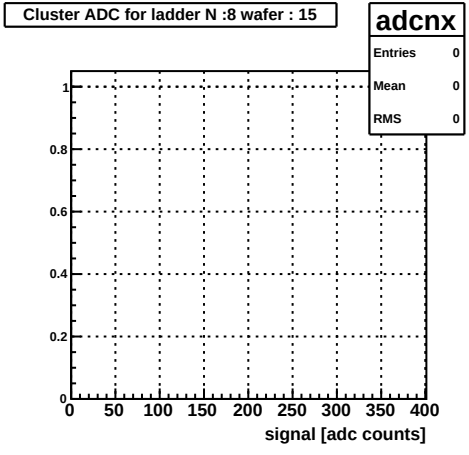

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2067
Mean 59.49
RMS 55.19
signal [adc counts]

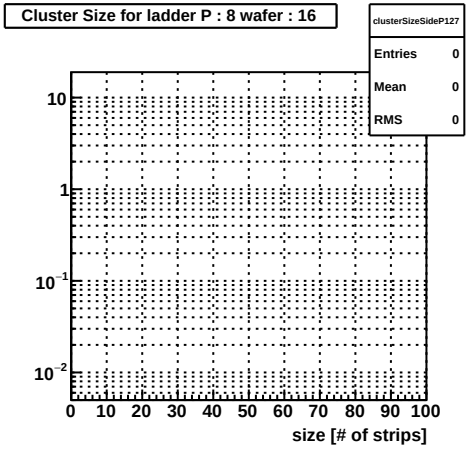

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

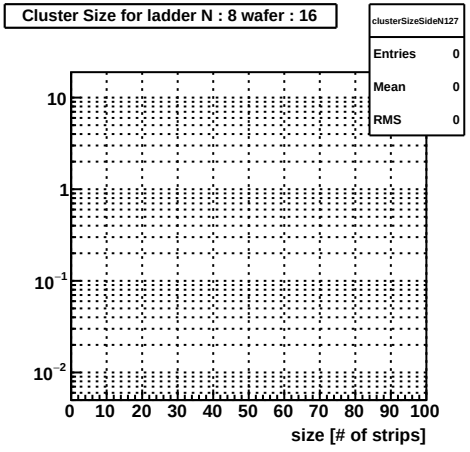

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

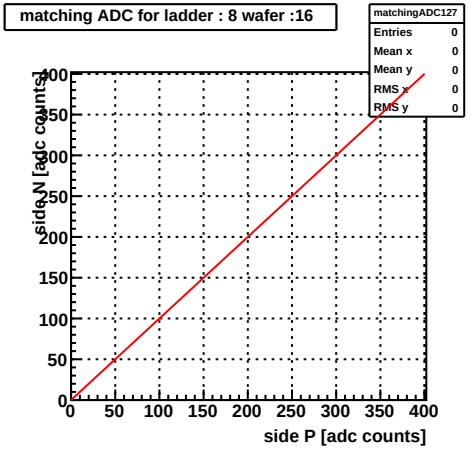

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

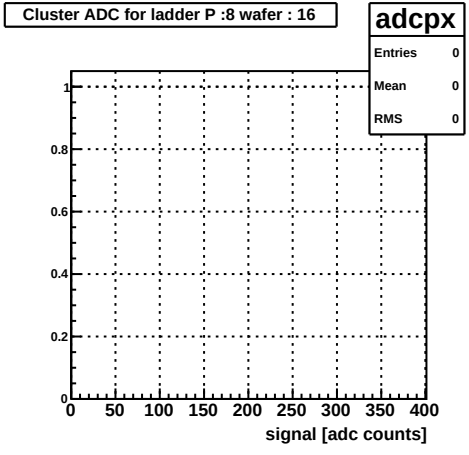

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

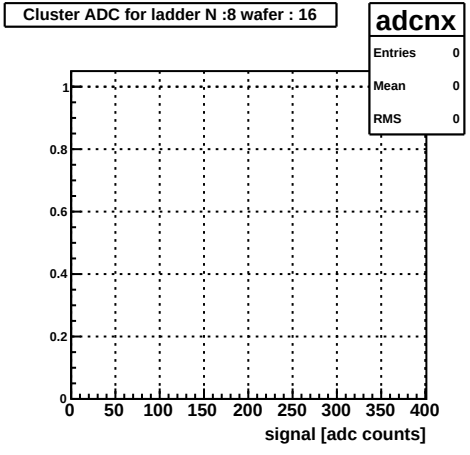

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

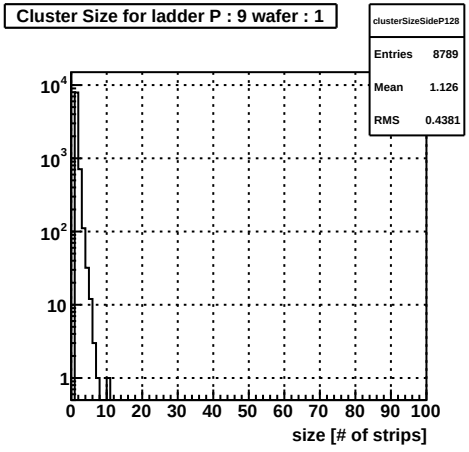

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

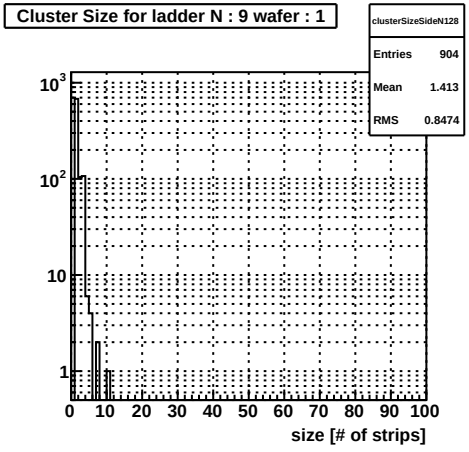

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

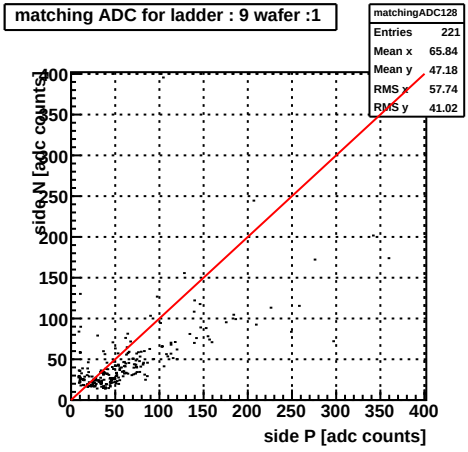

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

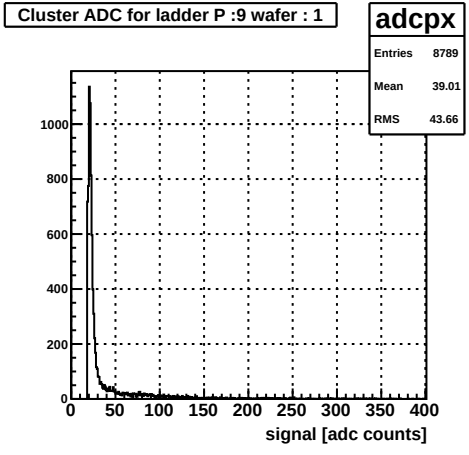

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

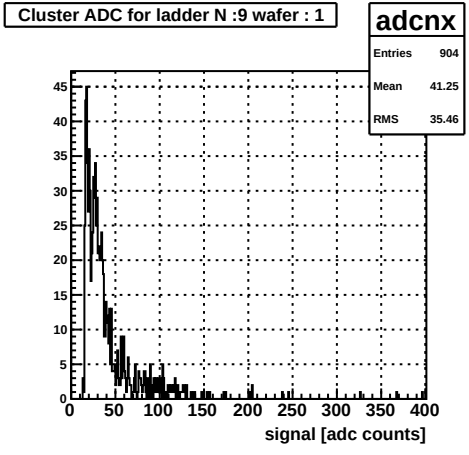

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

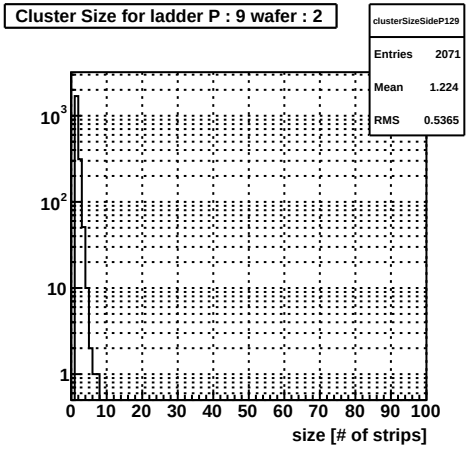

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8789
Mean 1.126
RMS 0.4381
size [# of strips]

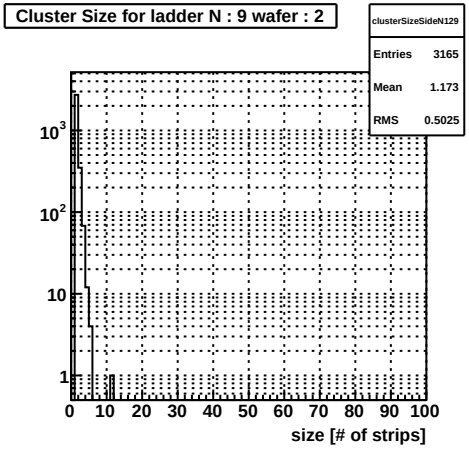

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 904
Mean 1.413
RMS 0.8474
size [# of strips]

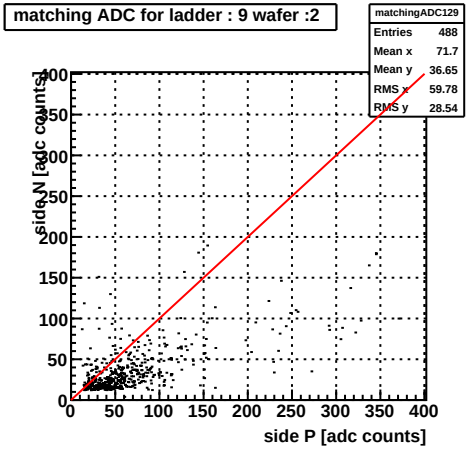

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 221
Mean x 65.84
Mean y 47.18
RMS x 57.74
RMS y 41.02
side N [adc counts]
side P [adc counts]

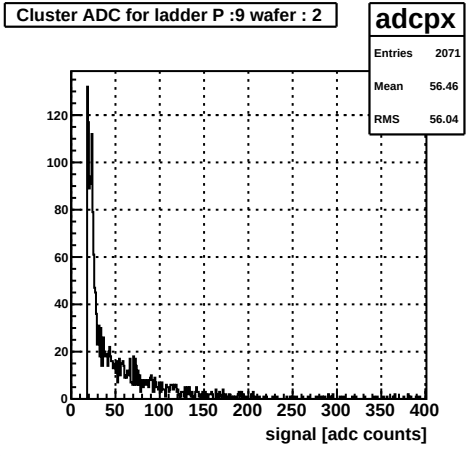

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8789
Mean 39.01
RMS 43.66
signal [adc counts]

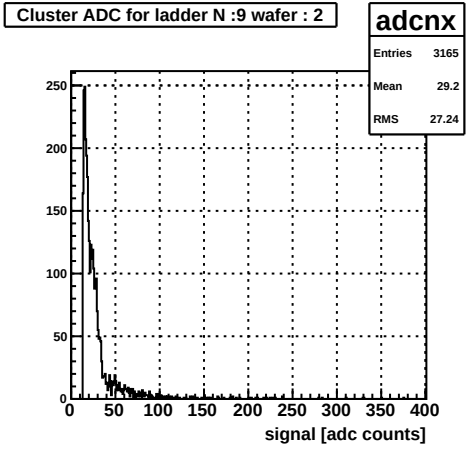

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 904
Mean 41.25
RMS 35.46
signal [adc counts]

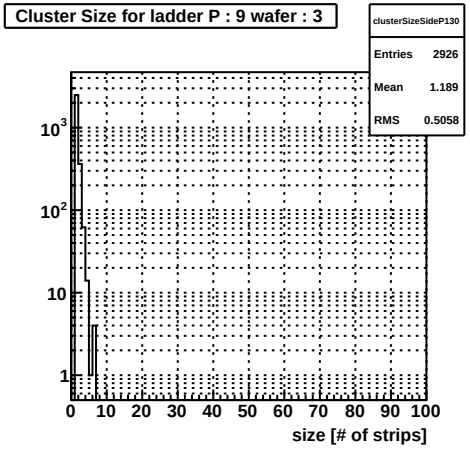

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2071
Mean 1.224
RMS 0.5365
size [# of strips]

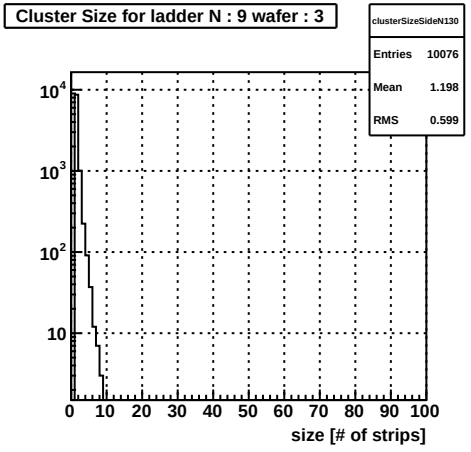

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3165
Mean 1.173
RMS 0.5025
size [# of strips]

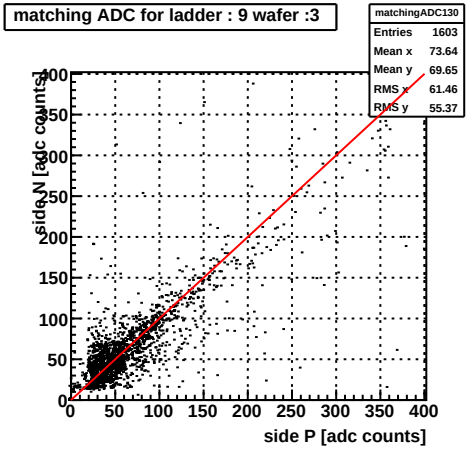

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 488
Mean x 71.7
Mean y 36.65
RMS x 59.78
RMS y 28.54
side N [adc counts]
side P [adc counts]

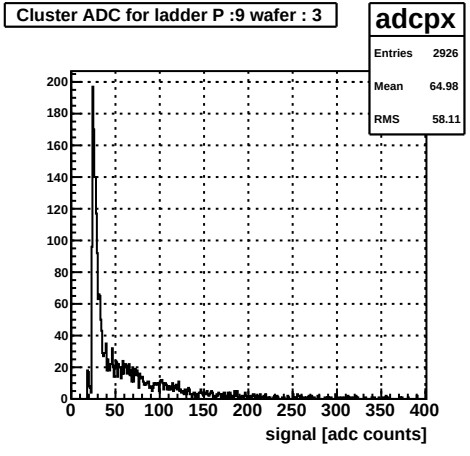

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2071
Mean 56.46
RMS 56.04
signal [adc counts]

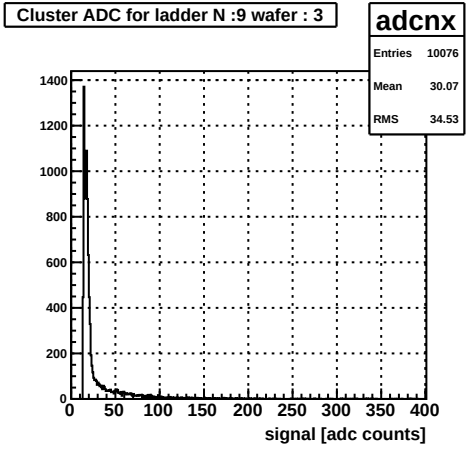

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3165
Mean 29.2
RMS 27.24
signal [adc counts]

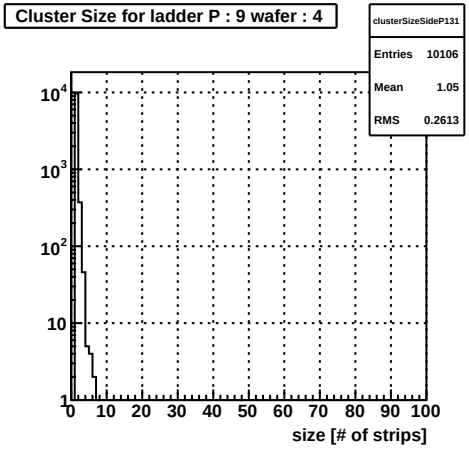

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2926
Mean 1.189
RMS 0.5058
size [# of strips]

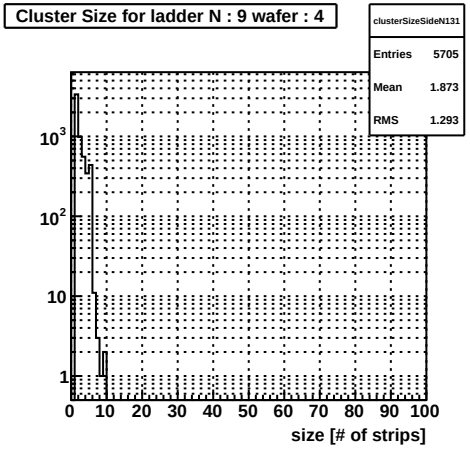

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 10076
Mean 1.198
RMS 0.599
size [# of strips]

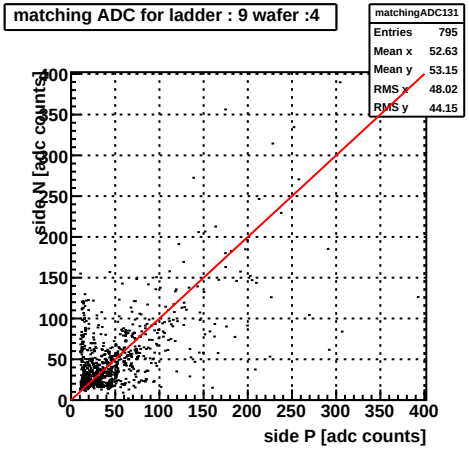

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1603
Mean x 73.64
Mean y 69.65
RMS x 61.46
RMS y 55.37
side N [adc counts]
side P [adc counts]

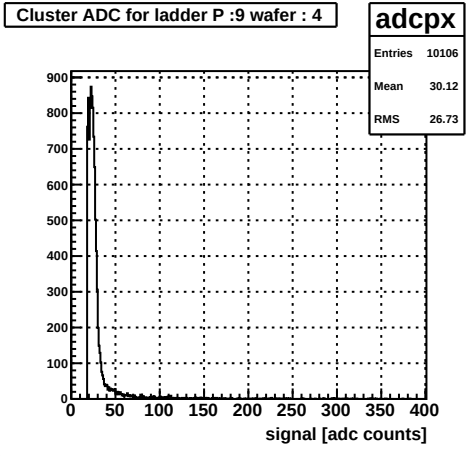

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2926
Mean 64.98
RMS 58.11
signal [adc counts]

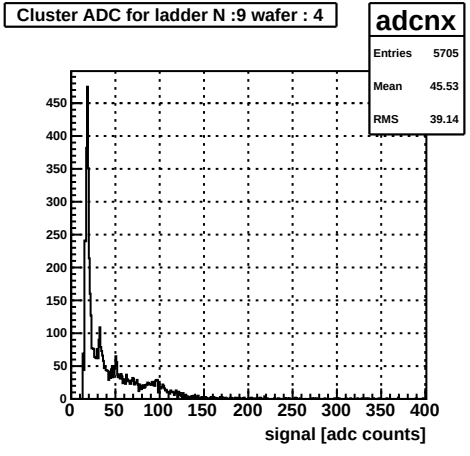

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 10076
Mean 30.07
RMS 34.53
signal [adc counts]

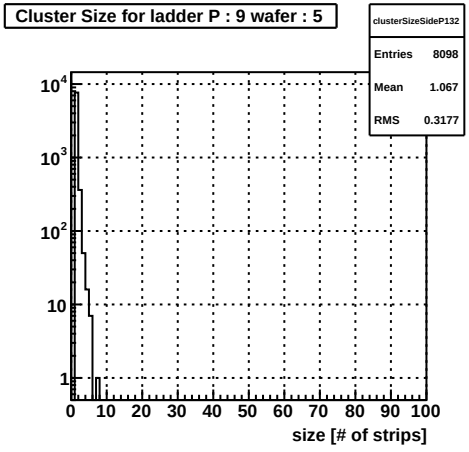

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10106
Mean 1.05
RMS 0.2613
size [# of strips]

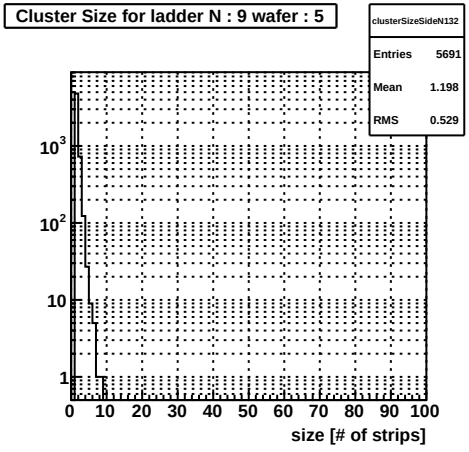

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5705
Mean 1.873
RMS 1.293
size [# of strips]

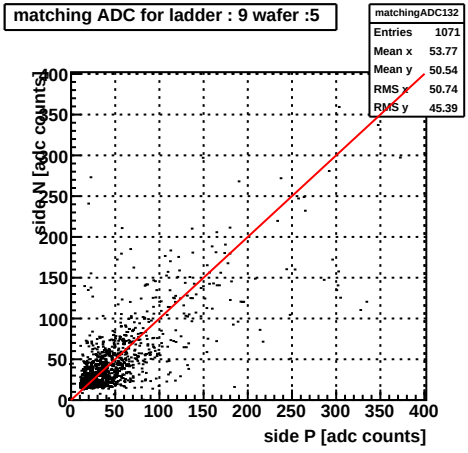

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 795
Mean x 52.63
Mean y 53.15
RMS x 48.02
RMS y 44.15
side N [adc counts]
side P [adc counts]

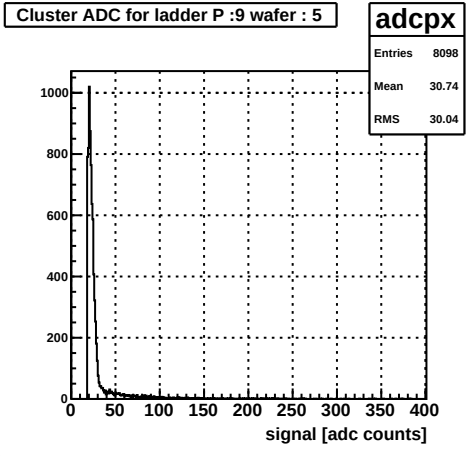

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10106
Mean 30.12
RMS 26.73
signal [adc counts]

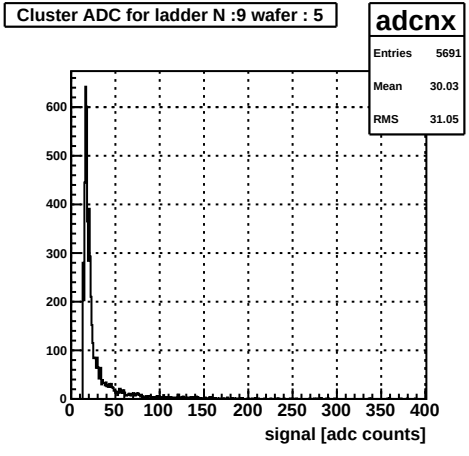

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5705
Mean 45.53
RMS 39.14
signal [adc counts]

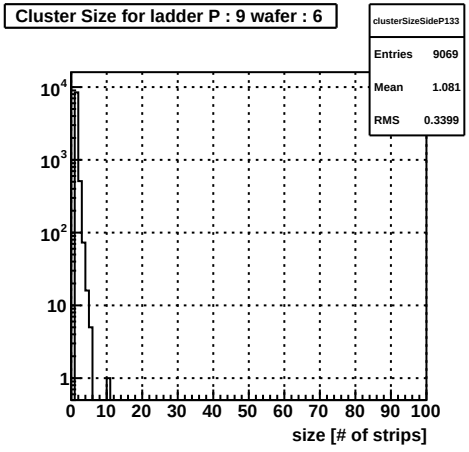

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 8098
Mean 1.067
RMS 0.3177
size [# of strips]

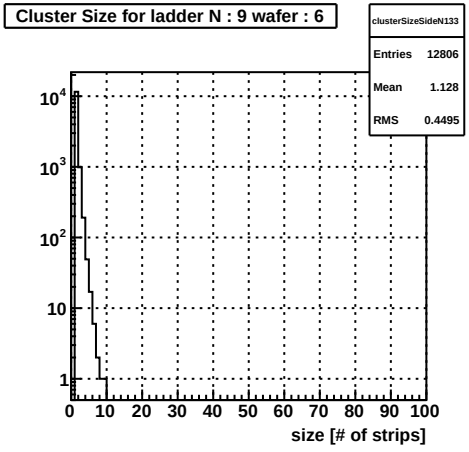

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5691
Mean 1.198
RMS 0.529
size [# of strips]

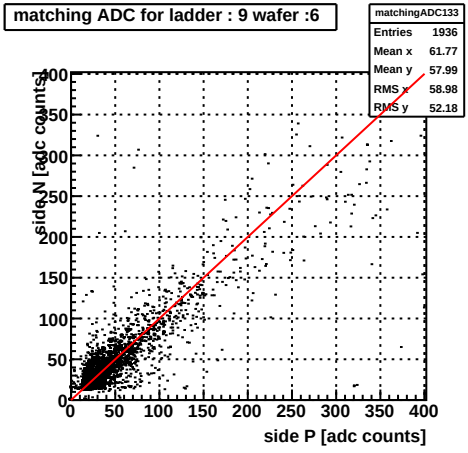

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1071
Mean x 53.77
Mean y 50.54
RMS x 50.74
RMS y 45.39
side N [adc counts]
side P [adc counts]

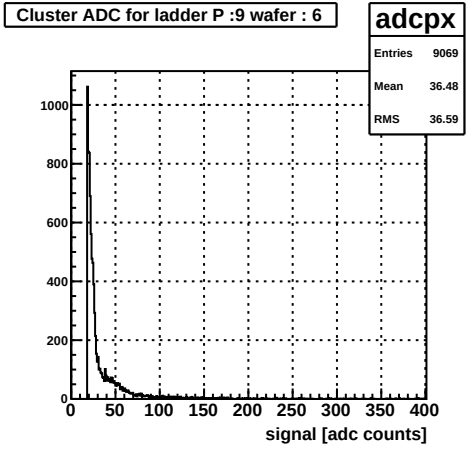

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 8098
Mean 30.74
RMS 30.04
signal [adc counts]

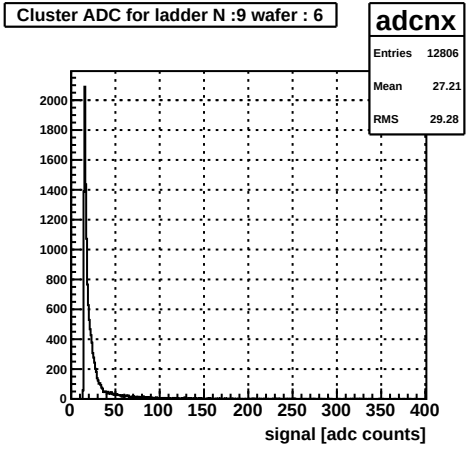

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5691
Mean 30.03
RMS 31.05
signal [adc counts]

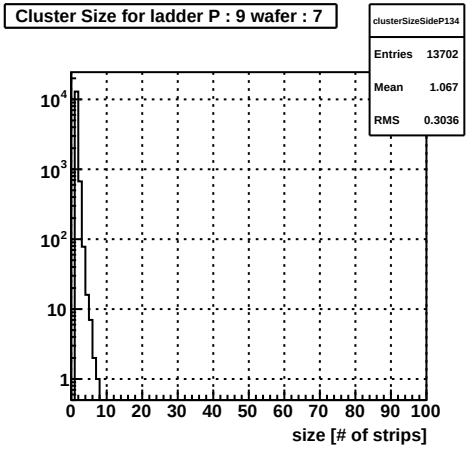

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9069
Mean 1.081
RMS 0.3399
size [# of strips]

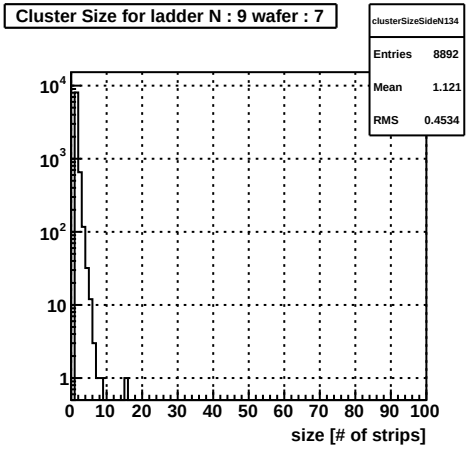

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12806
Mean 1.128
RMS 0.4495
size [# of strips]

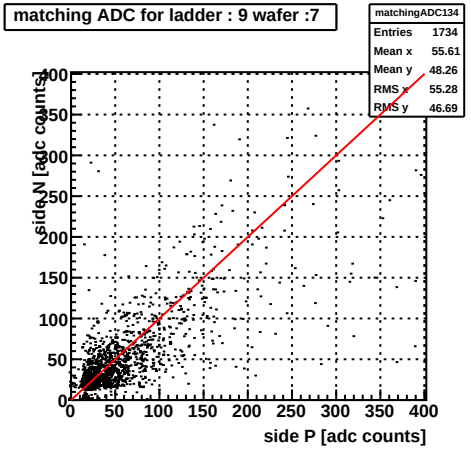

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1936
Mean x 61.77
Mean y 57.99
RMS x 58.98
RMS y 52.18
side N [adc counts]
side P [adc counts]

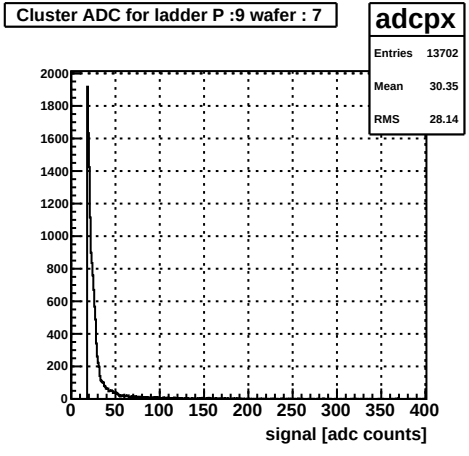

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9069
Mean 36.48
RMS 36.59
signal [adc counts]

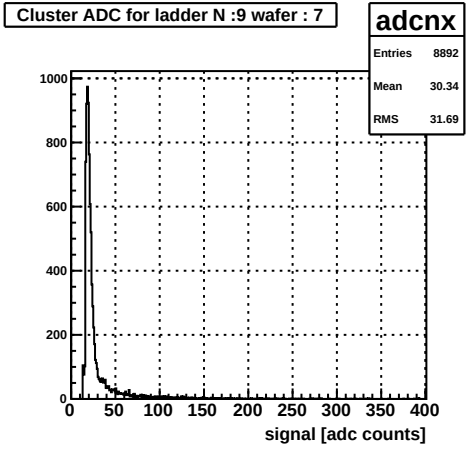

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12806
Mean 27.21
RMS 29.28
signal [adc counts]

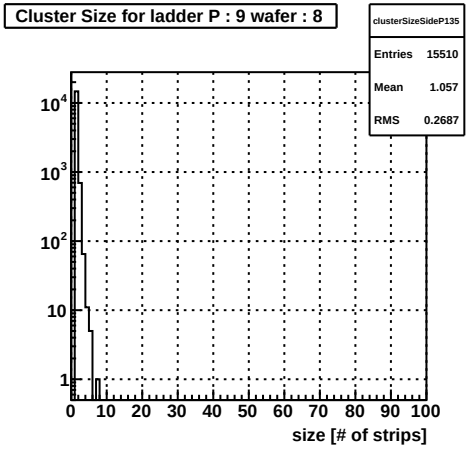

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13702
Mean 1.067
RMS 0.3036
size [# of strips]

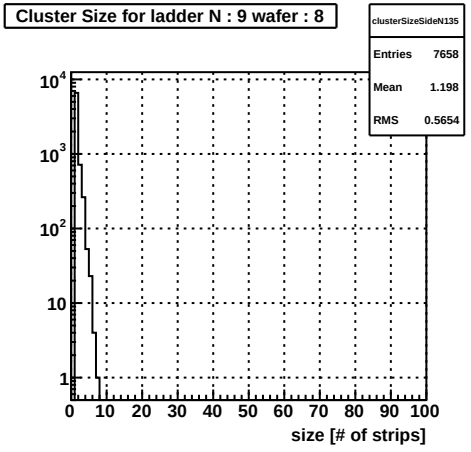

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8892
Mean 1.121
RMS 0.4534
size [# of strips]

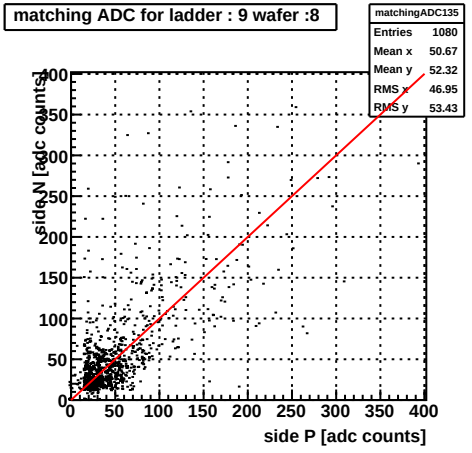

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1734
Mean x 55.61
Mean y 48.26
RMS x 55.28
RMS y 46.69
side N [adc counts]
side P [adc counts]

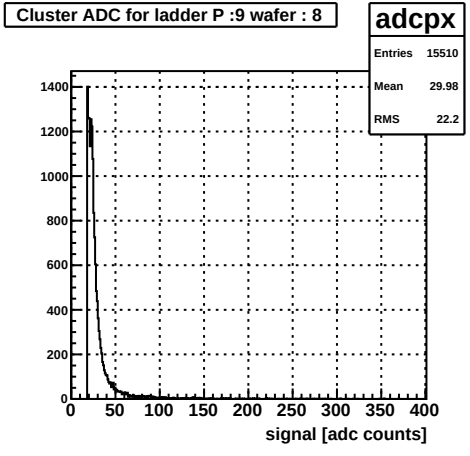

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13702
Mean 30.35
RMS 28.14
signal [adc counts]

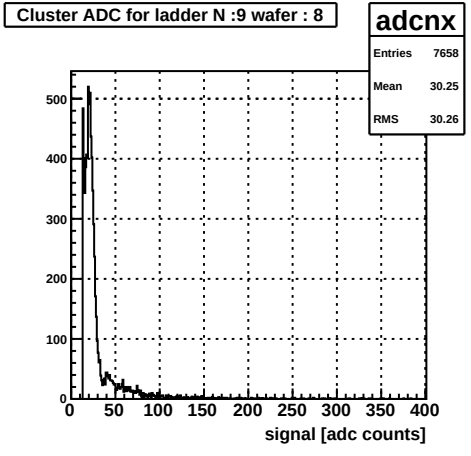

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8892
Mean 30.34
RMS 31.69
signal [adc counts]

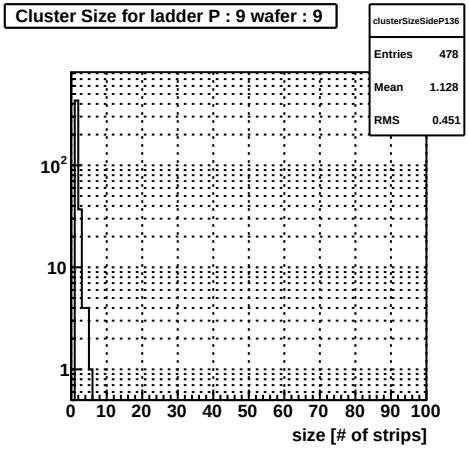

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 15510
Mean 1.057
RMS 0.2687
size [# of strips]

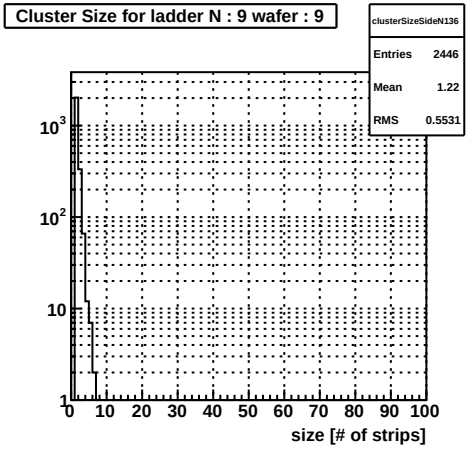

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7658
Mean 1.198
RMS 0.5654
size [# of strips]

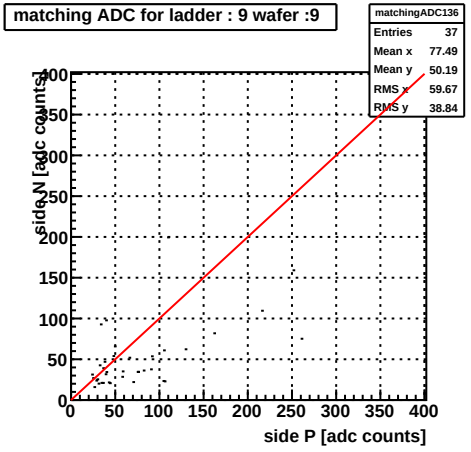

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1080
Mean x 50.67
Mean y 52.32
RMS x 46.95
RMS y 53.43
side N [adc counts]
side P [adc counts]

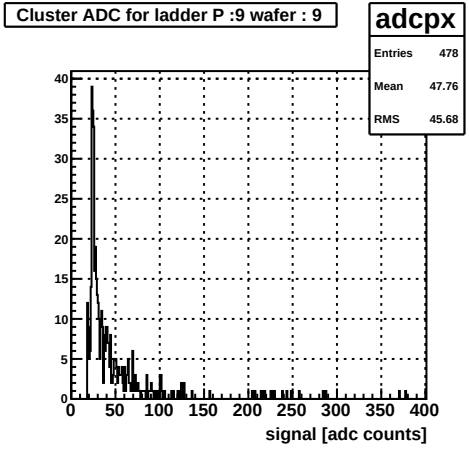

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 15510
Mean 29.98
RMS 22.2
signal [adc counts]

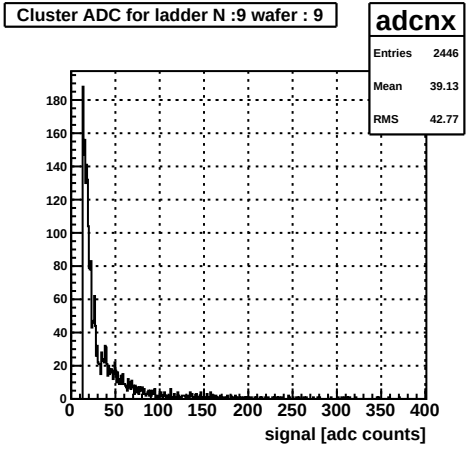

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7658
Mean 30.25
RMS 30.26
signal [adc counts]

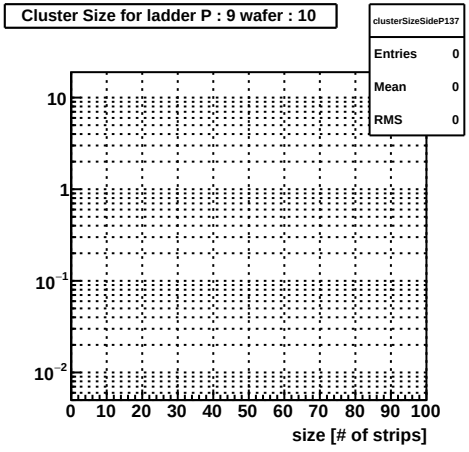

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 478
Mean 1.128
RMS 0.451
size [# of strips]

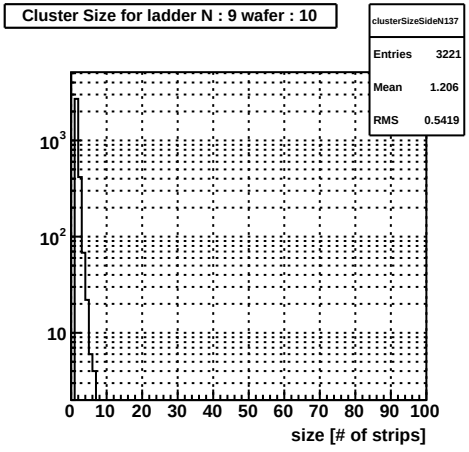

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2446
Mean 1.22
RMS 0.5531
size [# of strips]

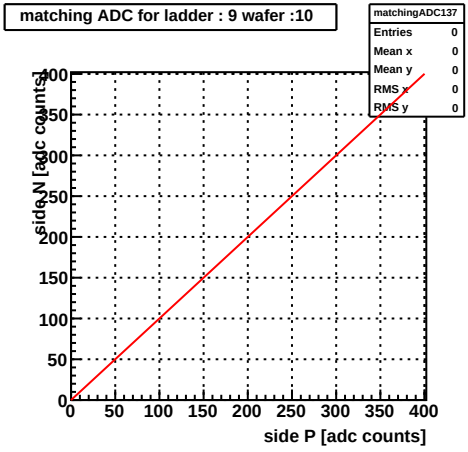

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 37
Mean x 77.49
Mean y 50.19
RMS x 59.67
RMS y 38.84
side N [adc counts]
side P [adc counts]

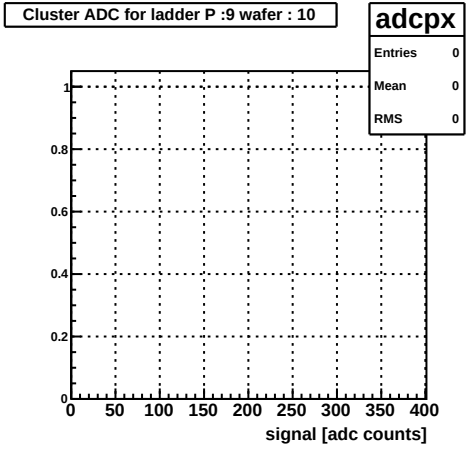

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 478
Mean 47.76
RMS 45.68
signal [adc counts]

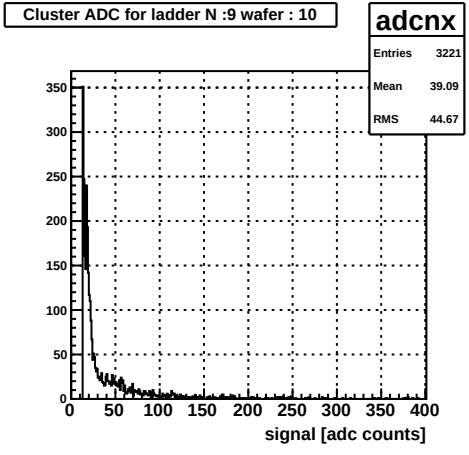

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2446
Mean 39.13
RMS 42.77
signal [adc counts]

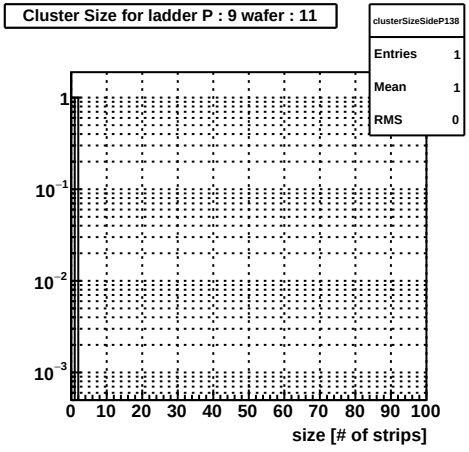

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

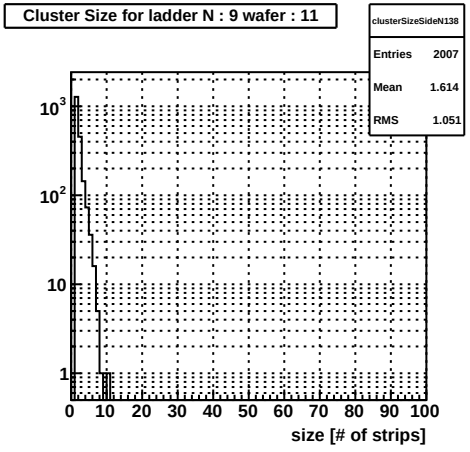

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3221
Mean 1.206
RMS 0.5419
size [# of strips]

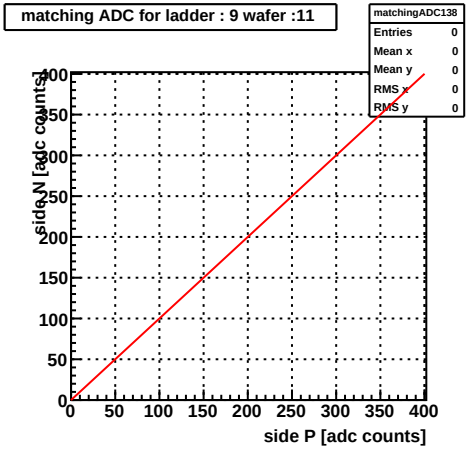

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

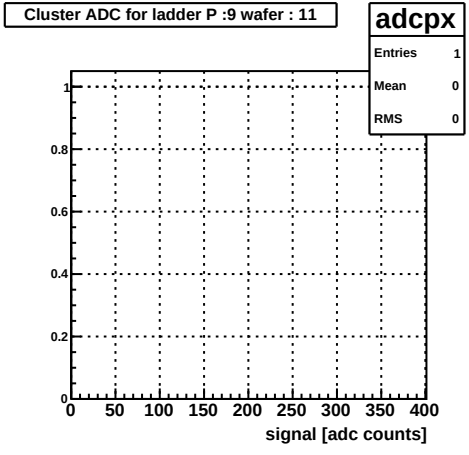

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

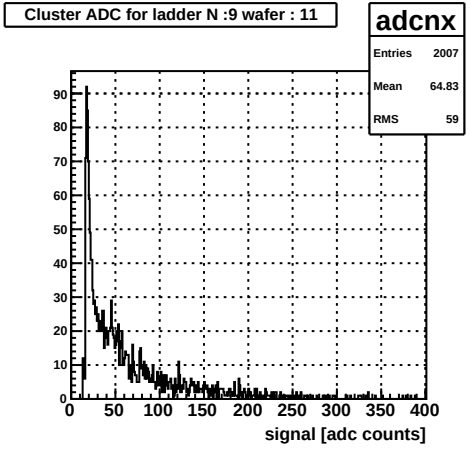

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3221
Mean 39.09
RMS 44.67
signal [adc counts]

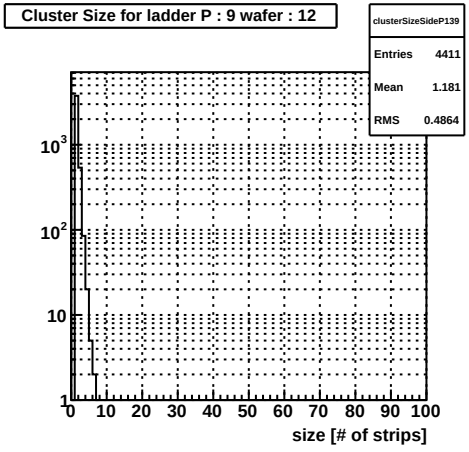

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

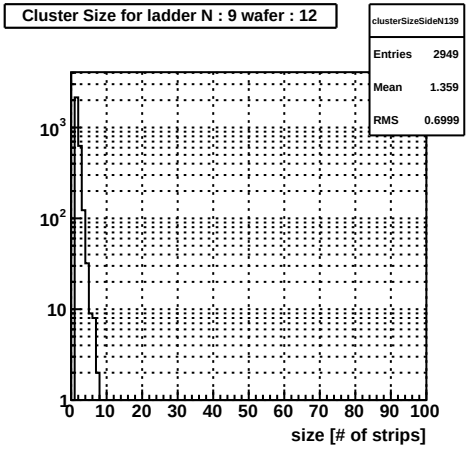

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2007
Mean 1.614
RMS 1.051
size [# of strips]

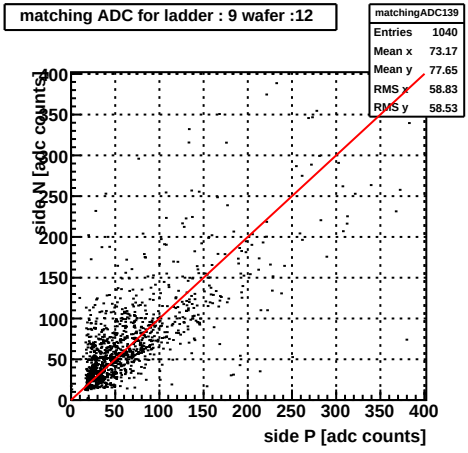

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

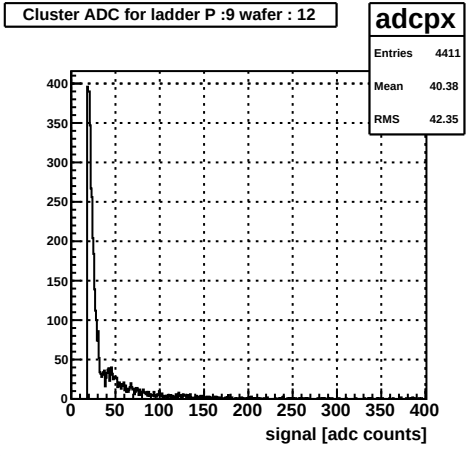

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

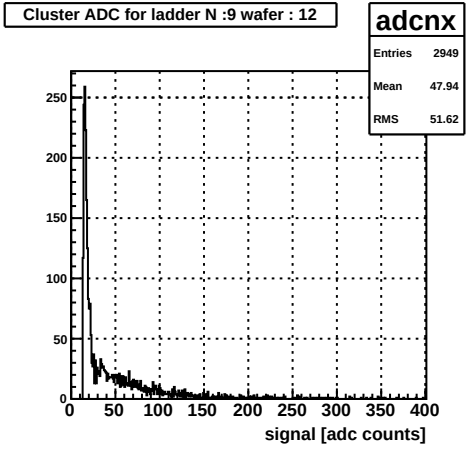

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2007
Mean 64.83
RMS 59
signal [adc counts]

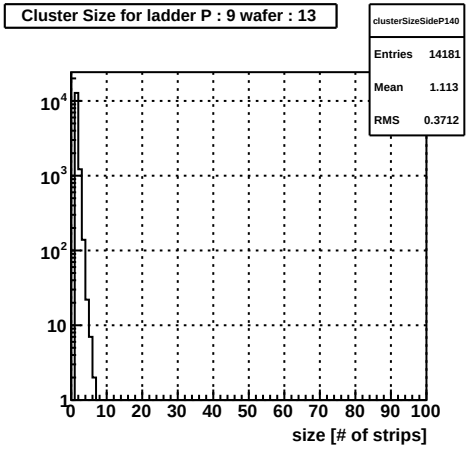

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4411
Mean 1.181
RMS 0.4864
size [# of strips]

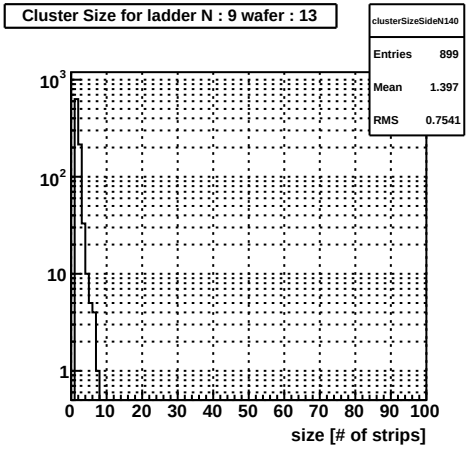

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2949
Mean 1.359
RMS 0.6999
size [# of strips]

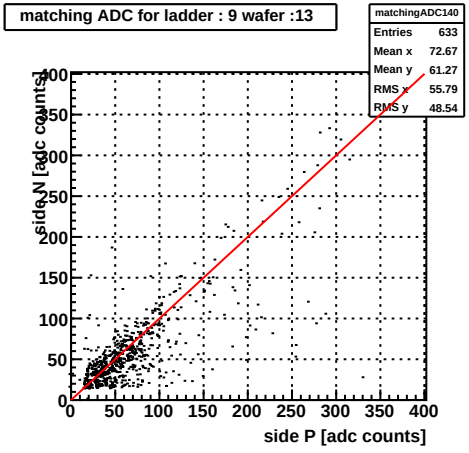

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1040
Mean x 73.17
Mean y 77.65
RMS x 58.83
RMS y 58.53
side N [adc counts]
side P [adc counts]

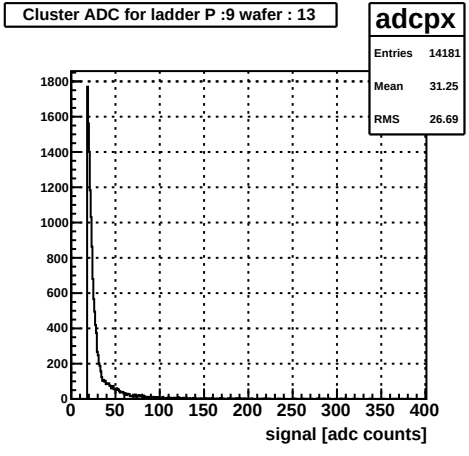

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4411
Mean 40.38
RMS 42.35
signal [adc counts]

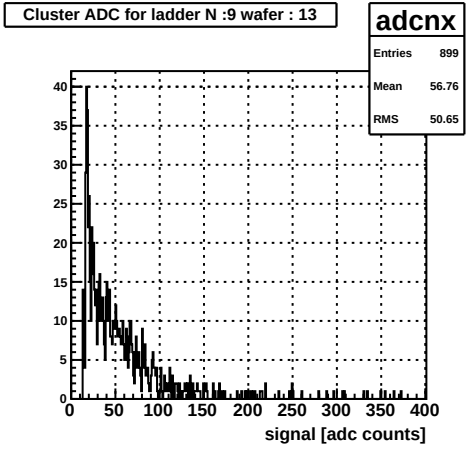

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2949
Mean 47.94
RMS 51.62
signal [adc counts]

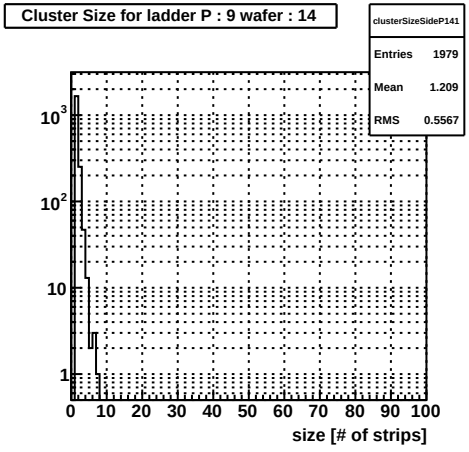

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14181
Mean 1.113
RMS 0.3712
size [# of strips]

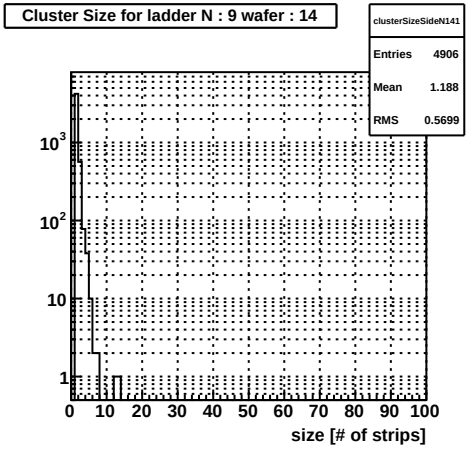

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 899
Mean 1.397
RMS 0.7541
size [# of strips]

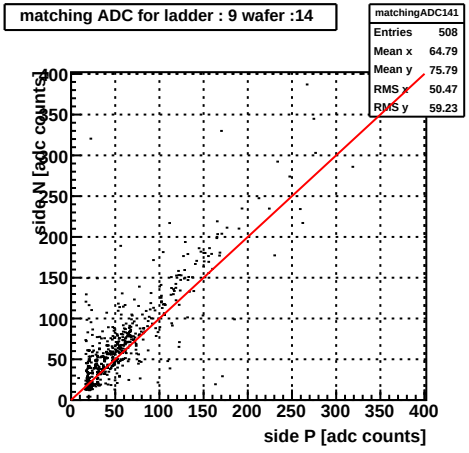

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 633
Mean x 72.67
Mean y 61.27
RMS x 55.79
RMS y 48.54
side N [adc counts]
side P [adc counts]

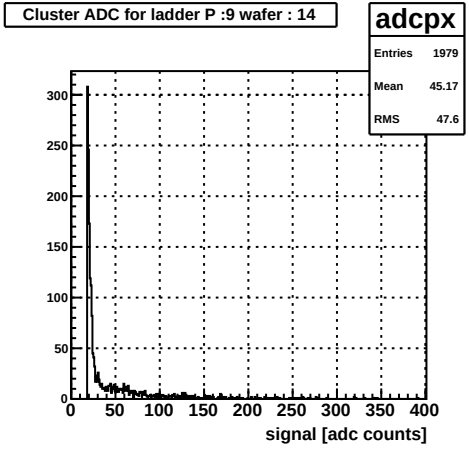

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14181
Mean 31.25
RMS 26.69
signal [adc counts]

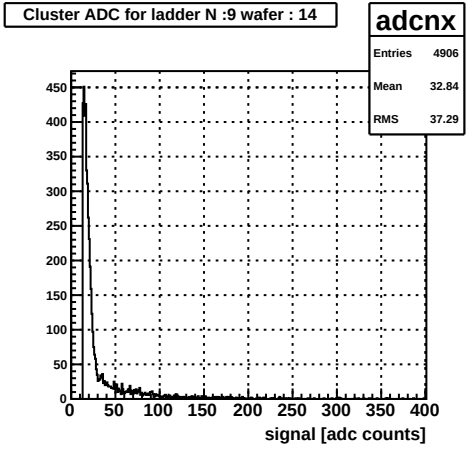

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 899
Mean 56.76
RMS 50.65
signal [adc counts]

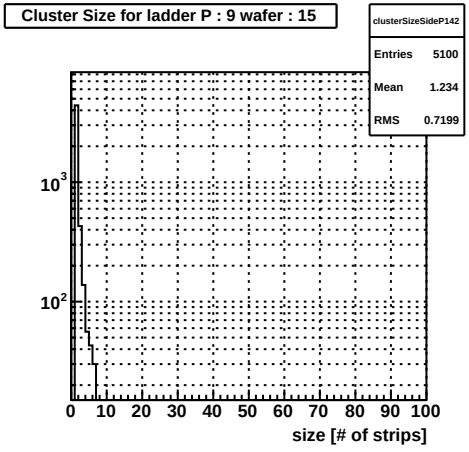

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1979
Mean 1.209
RMS 0.5567
size [# of strips]

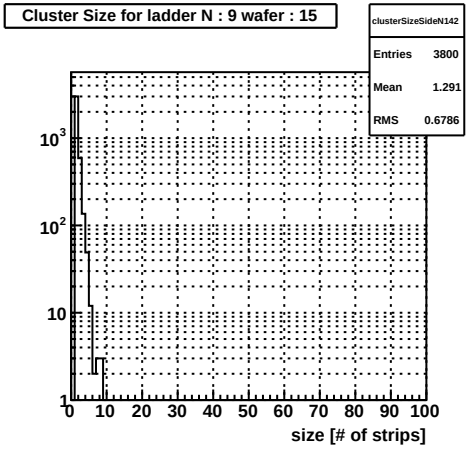

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4906
Mean 1.188
RMS 0.5699
size [# of strips]

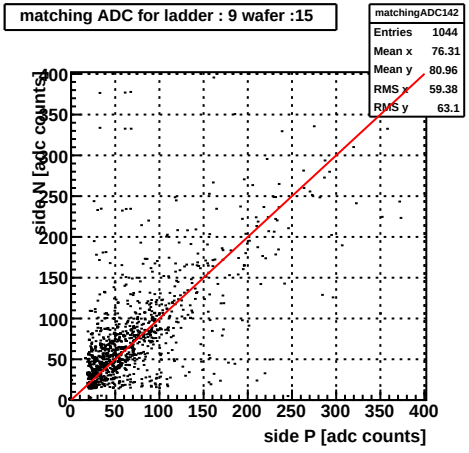

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 508
Mean x 64.79
Mean y 75.79
RMS x 50.47
RMS y 59.23
side N [adc counts]
side P [adc counts]

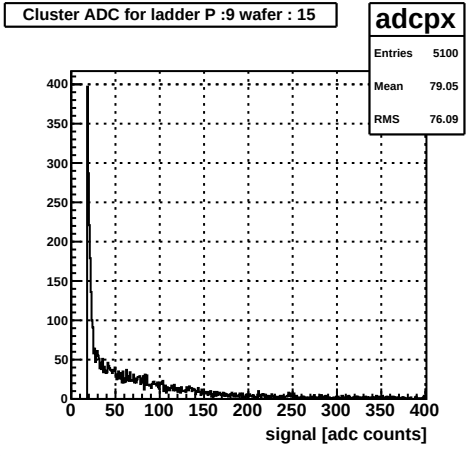

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1979
Mean 45.17
RMS 47.6
signal [adc counts]

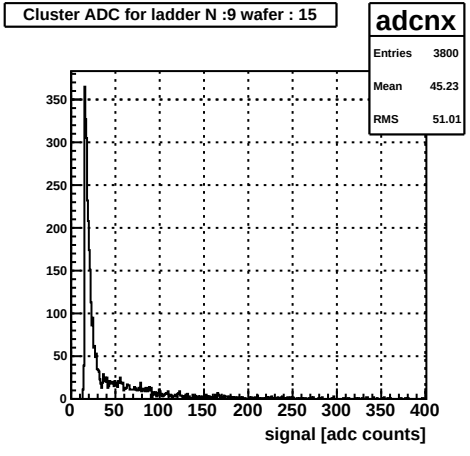

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4906
Mean 32.84
RMS 37.29
signal [adc counts]

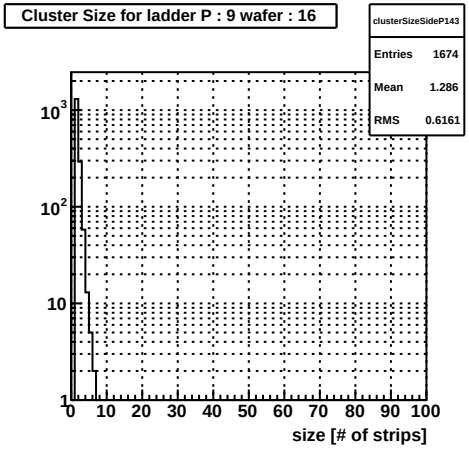

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5100
Mean 1.234
RMS 0.7199
size [# of strips]

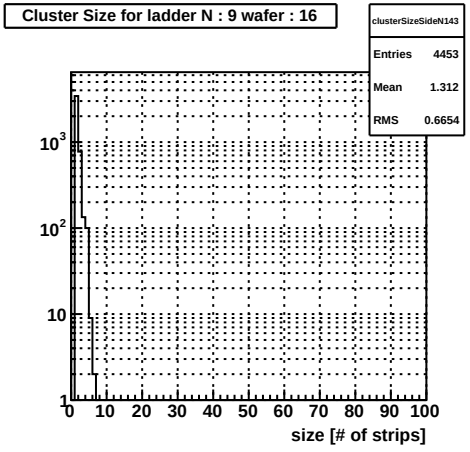

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3800
Mean 1.291
RMS 0.6786
size [# of strips]

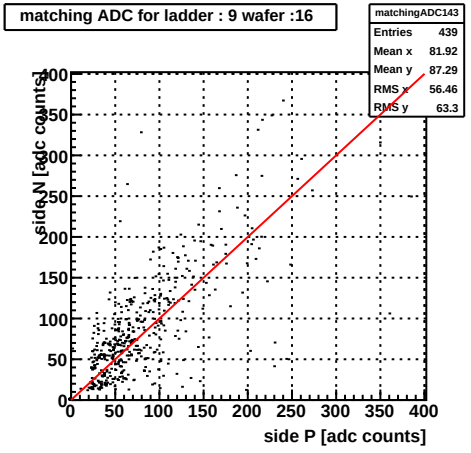

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1044
Mean x 76.31
Mean y 80.96
RMS x 59.38
RMS y 63.1
side N [adc counts]
side P [adc counts]

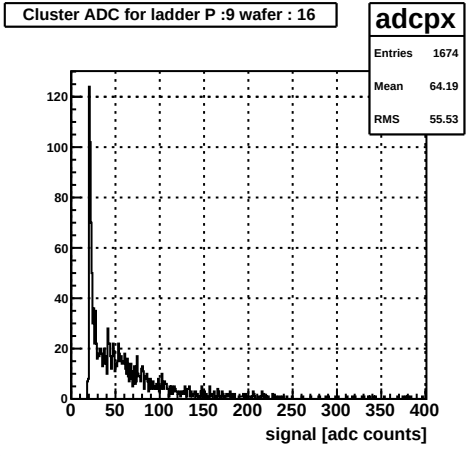

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5100
Mean 79.05
RMS 76.09
signal [adc counts]

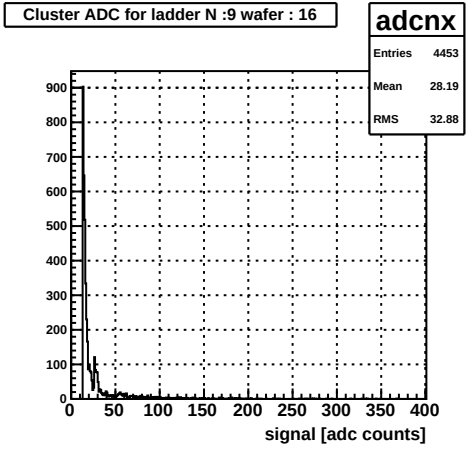

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3800
Mean 45.23
RMS 51.01
signal [adc counts]

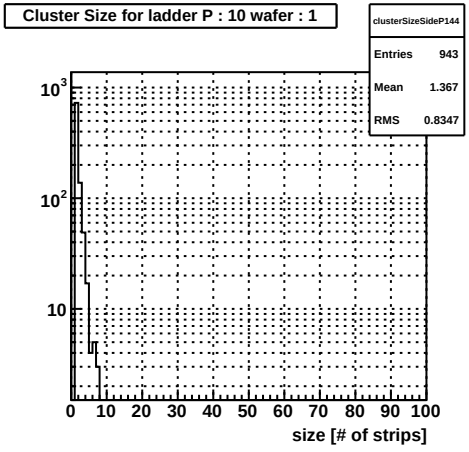

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1674
Mean 1.286
RMS 0.6161
size [# of strips]

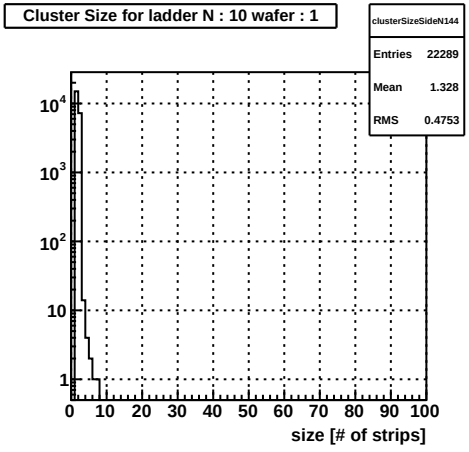

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4453
Mean 1.312
RMS 0.6654
size [# of strips]

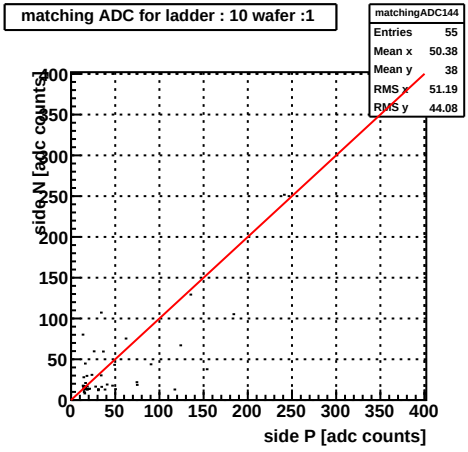

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 439
Mean x 81.92
Mean y 87.29
RMS x 56.46
RMS y 63.3
side N [adc counts]
side P [adc counts]

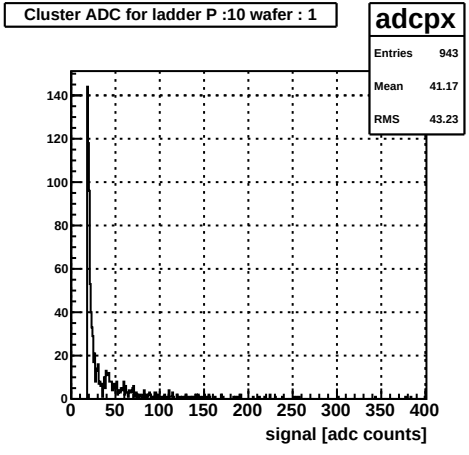

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1674
Mean 64.19
RMS 55.53
signal [adc counts]

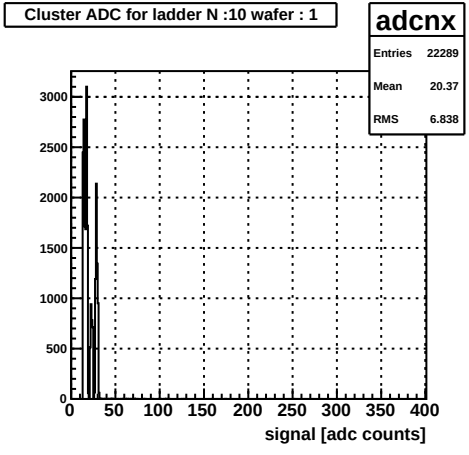

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4453
Mean 28.19
RMS 32.88
signal [adc counts]

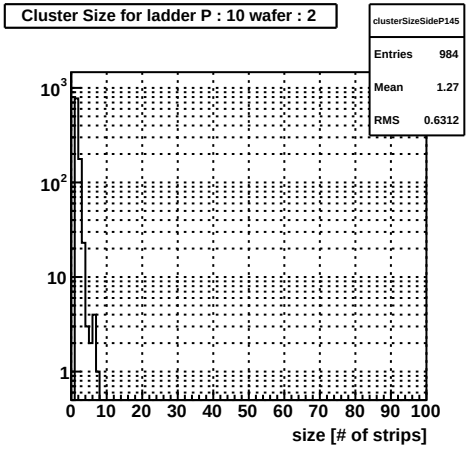

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 943
Mean 1.367
RMS 0.8347
size [# of strips]

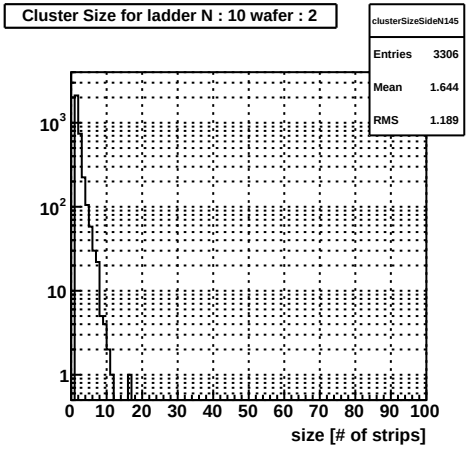

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 22289
Mean 1.328
RMS 0.4753
size [# of strips]

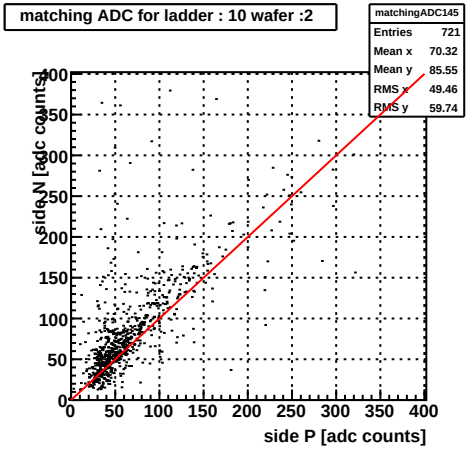

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 55
Mean x 50.38
Mean y 38
RMS x 51.19
RMS y 44.08
side N [adc counts]
side P [adc counts]

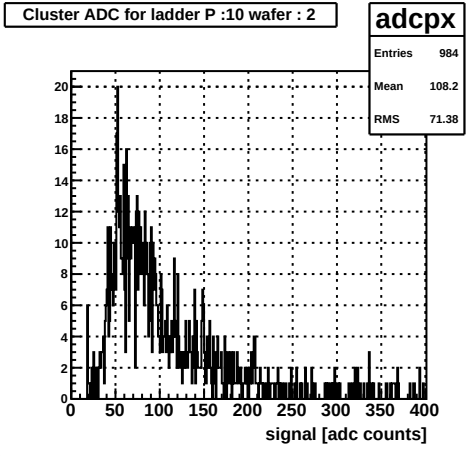

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 943
Mean 41.17
RMS 43.23
signal [adc counts]

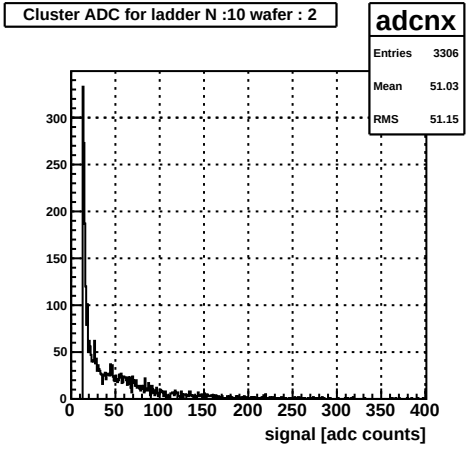

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 22289
Mean 20.37
RMS 6.838
signal [adc counts]

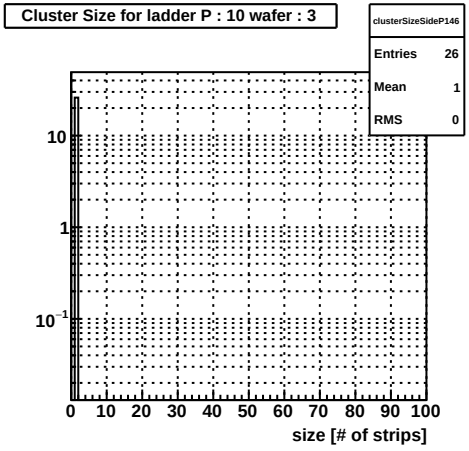

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 984
Mean 1.27
RMS 0.6312
size [# of strips]

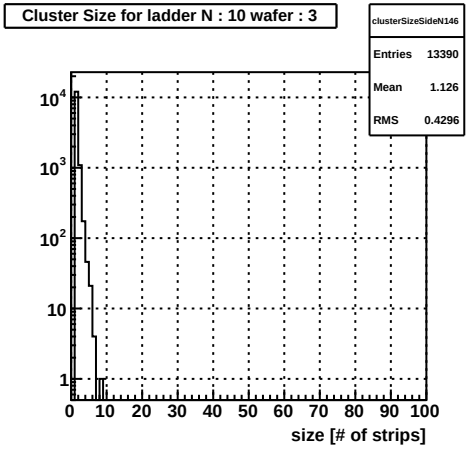

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3306
Mean 1.644
RMS 1.189
size [# of strips]

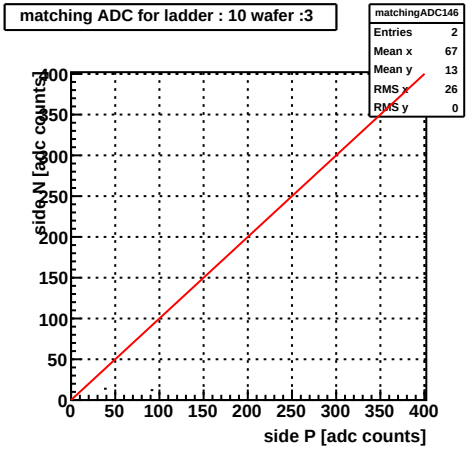

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 721
Mean x 70.32
Mean y 85.55
RMS x 49.46
RMS y 59.74
side N [adc counts]
side P [adc counts]

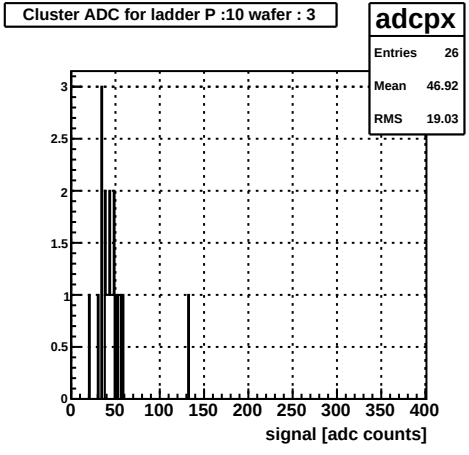

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 984
Mean 108.2
RMS 71.38
signal [adc counts]

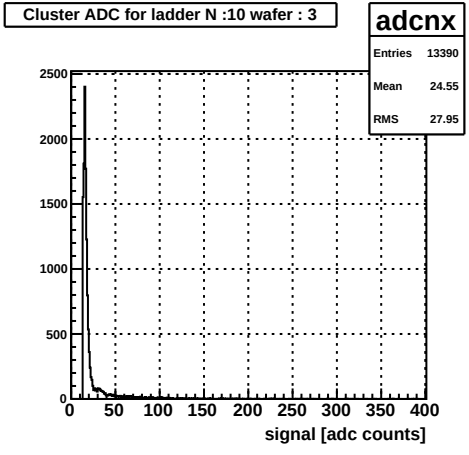

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3306
Mean 51.03
RMS 51.15
signal [adc counts]

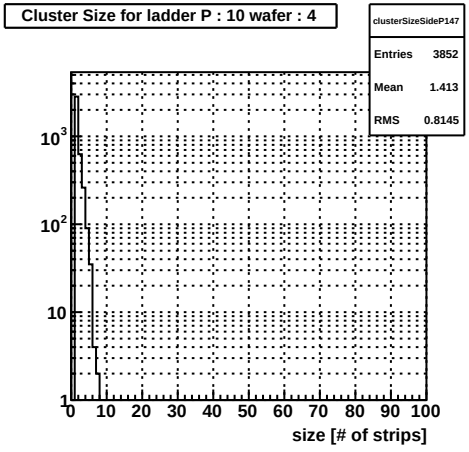

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 26
Mean 1
RMS 0
size [# of strips]

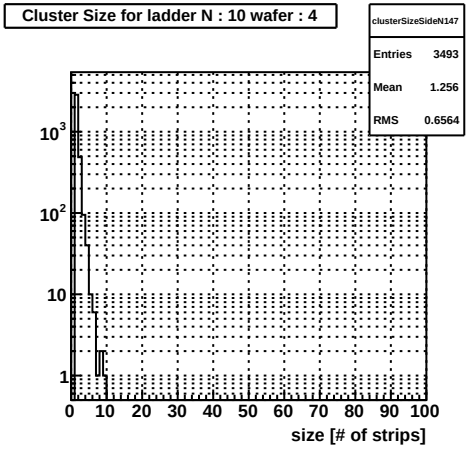

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13390
Mean 1.126
RMS 0.4296
size [# of strips]

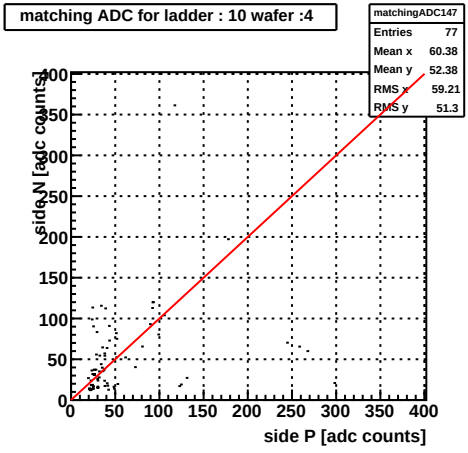

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2
Mean x 67
Mean y 13
RMS x 26
RMS y 0
side N [adc counts]
side P [adc counts]

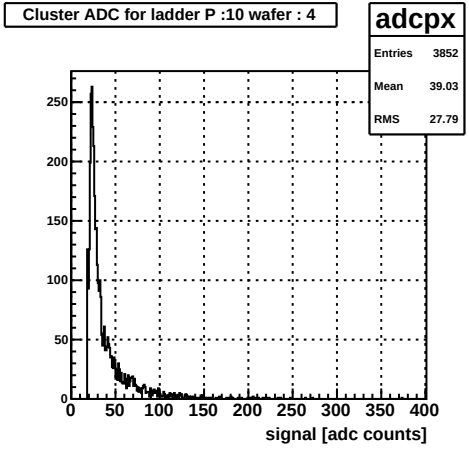

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 26
Mean 46.92
RMS 19.03
signal [adc counts]

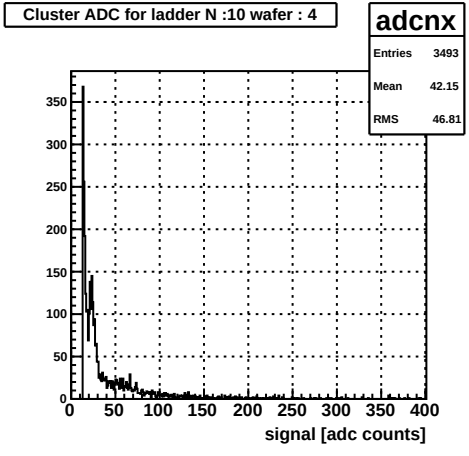

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13390
Mean 24.55
RMS 27.95
signal [adc counts]

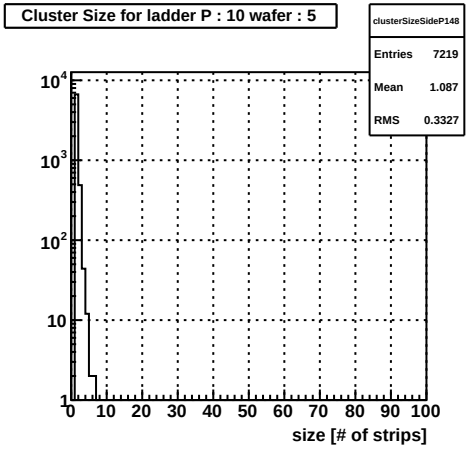

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 3852
Mean 1.413
RMS 0.8145
size [# of strips]

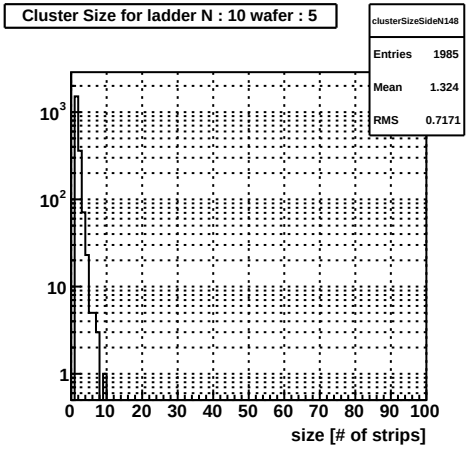

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3493
Mean 1.256
RMS 0.6564
size [# of strips]

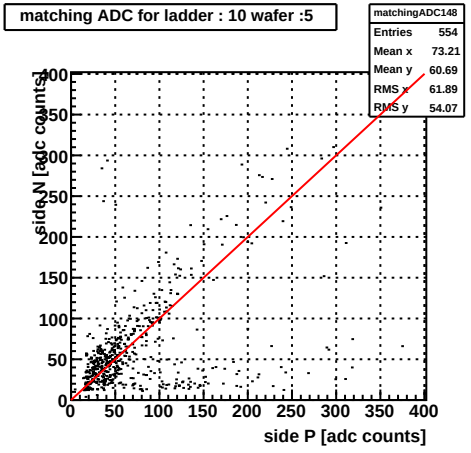

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 77
Mean x 60.38
Mean y 52.38
RMS x 59.21
RMS y 51.3
side N [adc counts]
side P [adc counts]

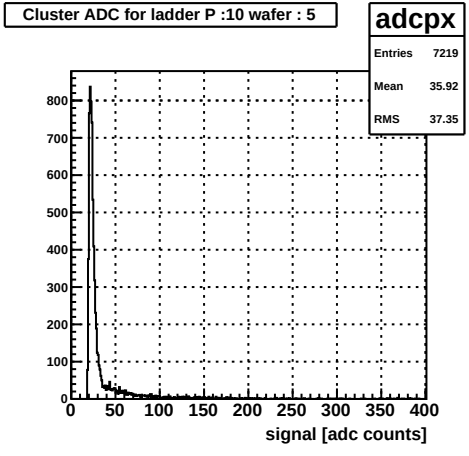

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 3852
Mean 39.03
RMS 27.79
signal [adc counts]

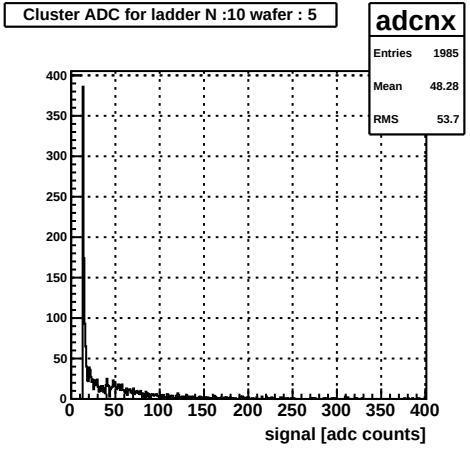

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3493
Mean 42.15
RMS 46.81
signal [adc counts]

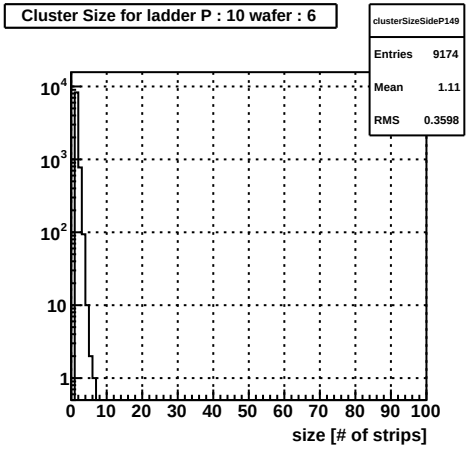

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7219
Mean 1.087
RMS 0.3327
size [# of strips]

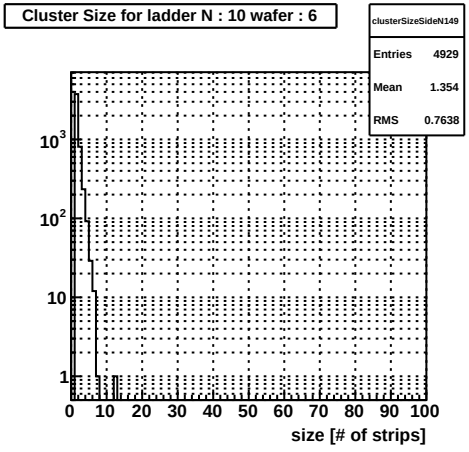

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1985
Mean 1.324
RMS 0.7171
size [# of strips]

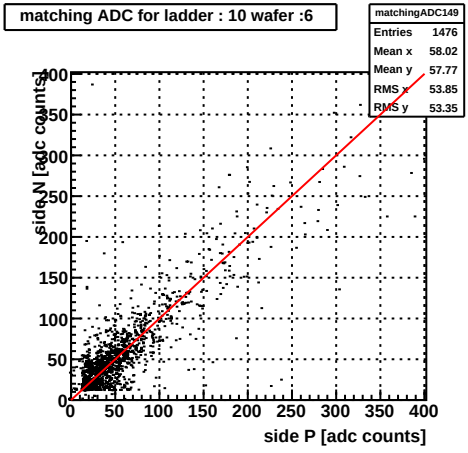

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 554
Mean x 73.21
Mean y 60.69
RMS x 61.89
RMS y 54.07
side N [adc counts]
side P [adc counts]

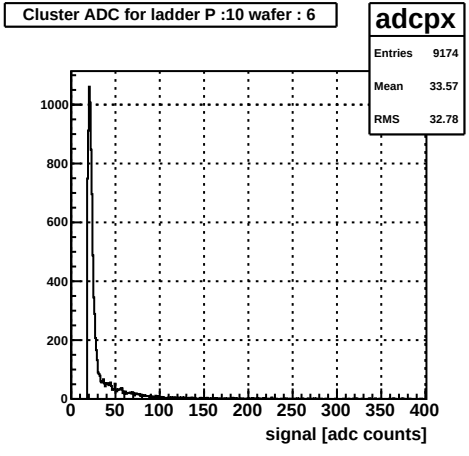

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7219
Mean 35.92
RMS 37.35
signal [adc counts]

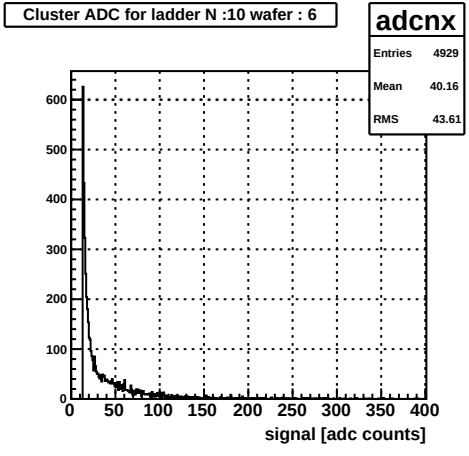

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1985
Mean 48.28
RMS 53.7
signal [adc counts]

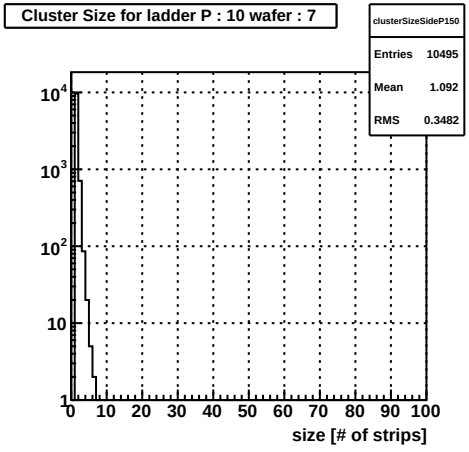

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9174
Mean 1.11
RMS 0.3598
size [# of strips]

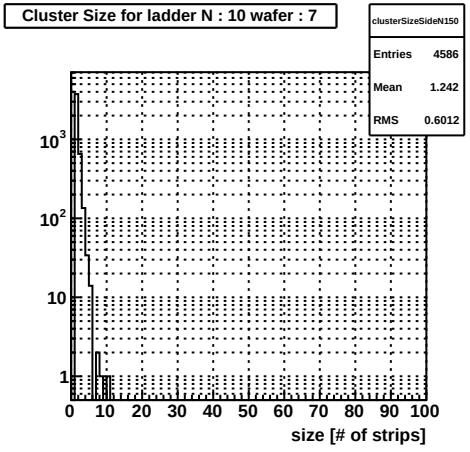

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4929
Mean 1.354
RMS 0.7638
size [# of strips]

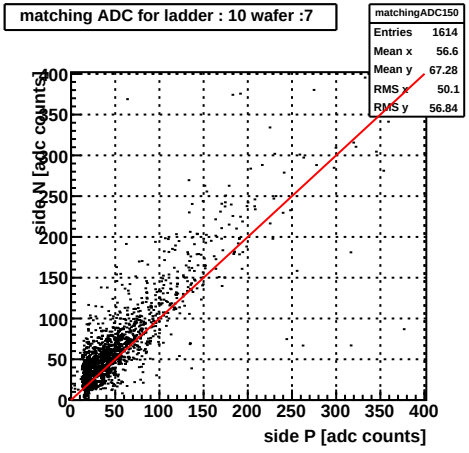

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1476
Mean x 58.02
Mean y 57.77
RMS x 53.85
RMS y 53.35
side N [adc counts]
side P [adc counts]

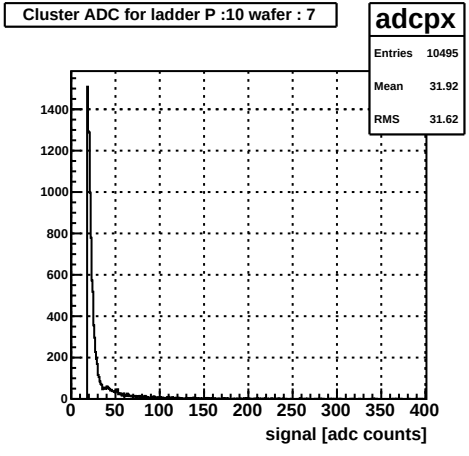

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9174
Mean 33.57
RMS 32.78
signal [adc counts]

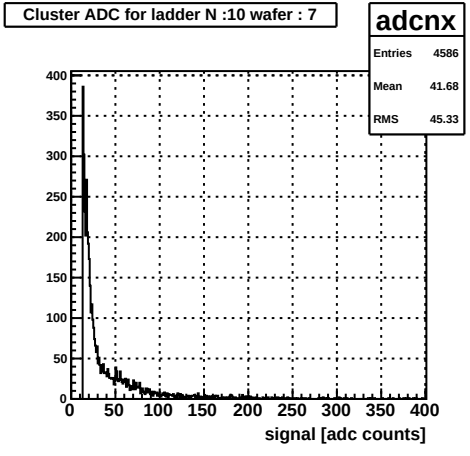

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4929
Mean 40.16
RMS 43.61
signal [adc counts]

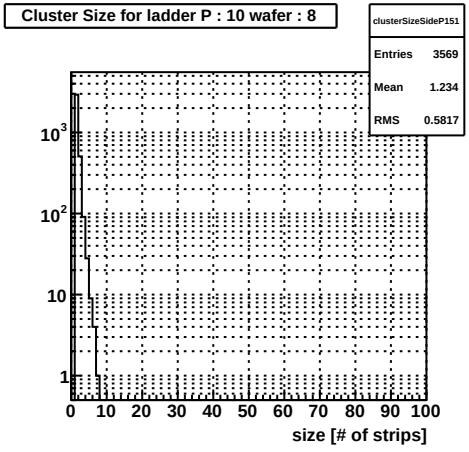

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10495
Mean 1.092
RMS 0.3482
size [# of strips]

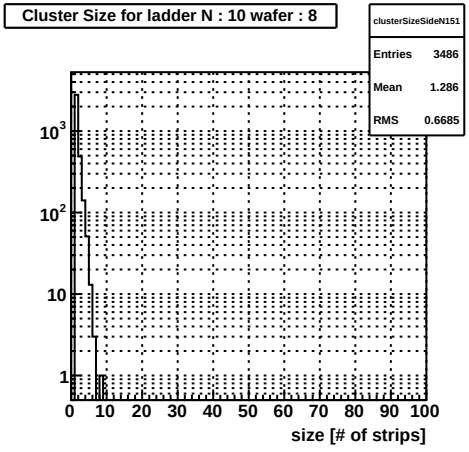

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4586
Mean 1.242
RMS 0.6012
size [# of strips]

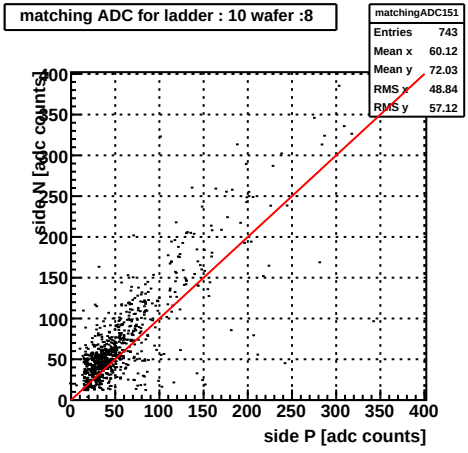

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1614
Mean x 56.6
Mean y 67.28
RMS x 50.1
RMS y 56.84
side N [adc counts]
side P [adc counts]

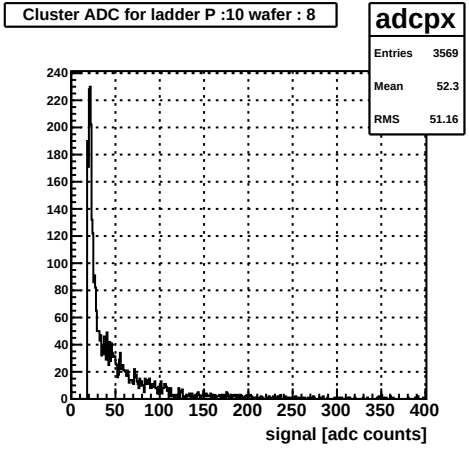

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10495
Mean 31.92
RMS 31.62
signal [adc counts]

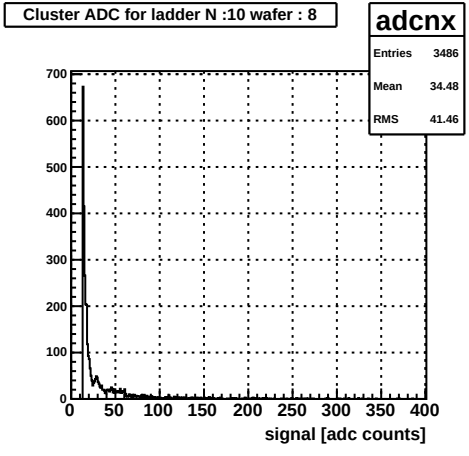

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4586
Mean 41.68
RMS 45.33
signal [adc counts]

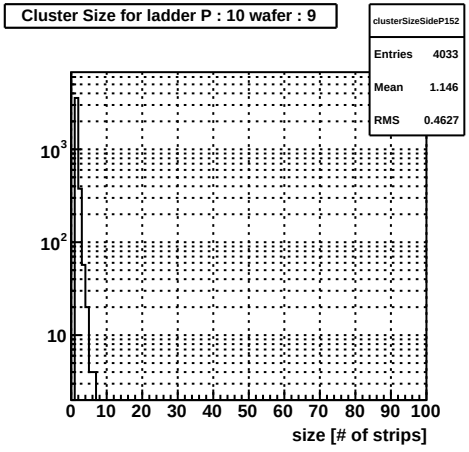

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3569
Mean 1.234
RMS 0.5817
size [# of strips]

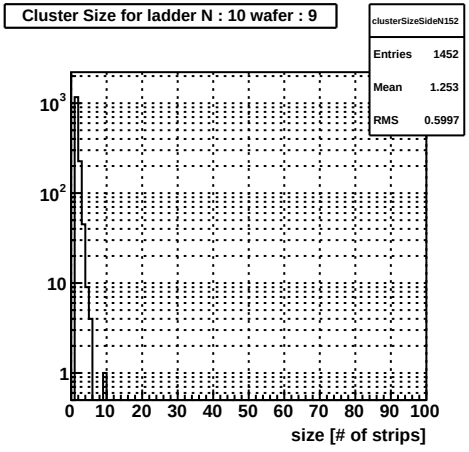

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3486
Mean 1.286
RMS 0.6685
size [# of strips]

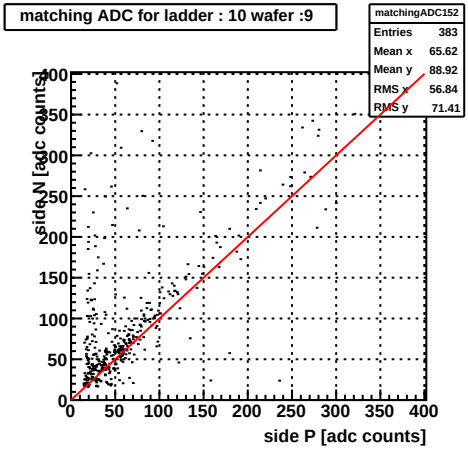

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 743
Mean x 60.12
Mean y 72.03
RMS x 48.84
RMS y 57.12
side N [adc counts]
side P [adc counts]

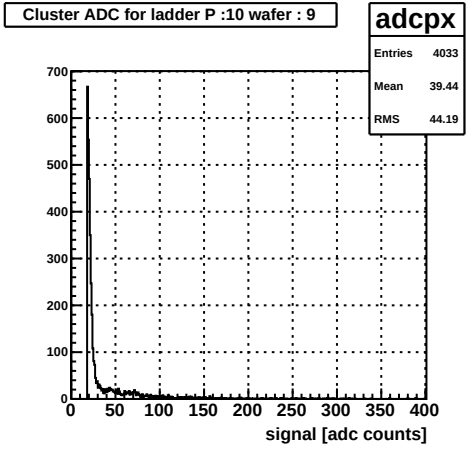

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3569
Mean 52.3
RMS 51.16
signal [adc counts]

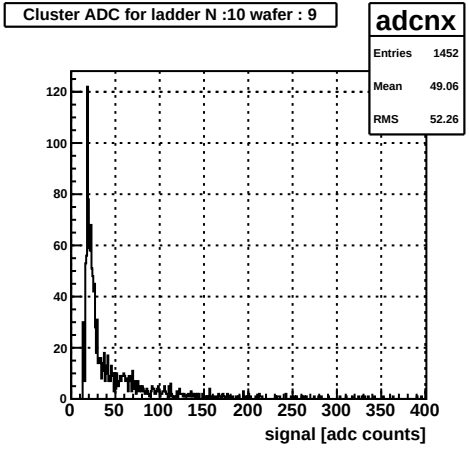

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3486
Mean 34.48
RMS 41.46
signal [adc counts]

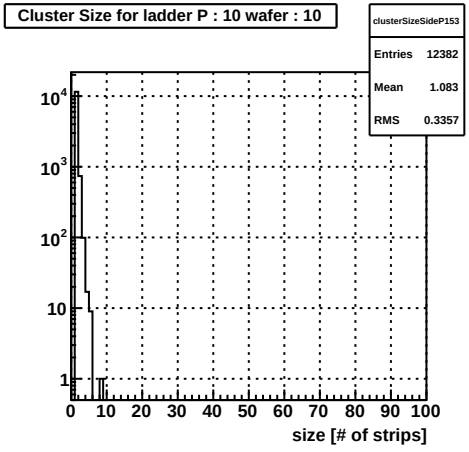

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4033
Mean 1.146
RMS 0.4627
size [# of strips]

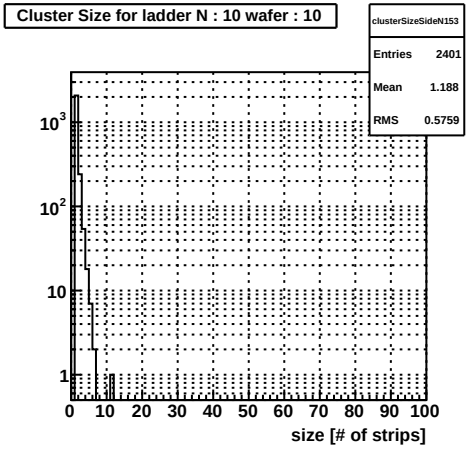

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1452
Mean 1.253
RMS 0.5997
size [# of strips]

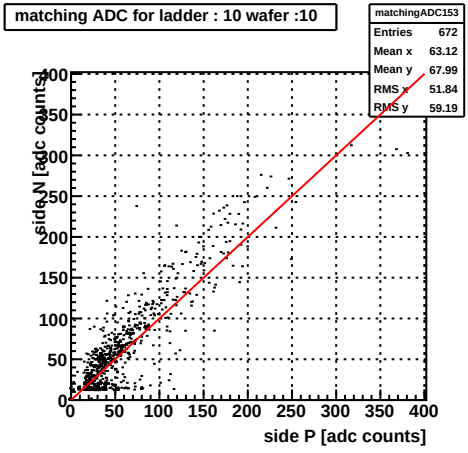

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 383
Mean x 65.62
Mean y 88.92
RMS x 56.84
RMS y 71.41
side N [adc counts]
side P [adc counts]

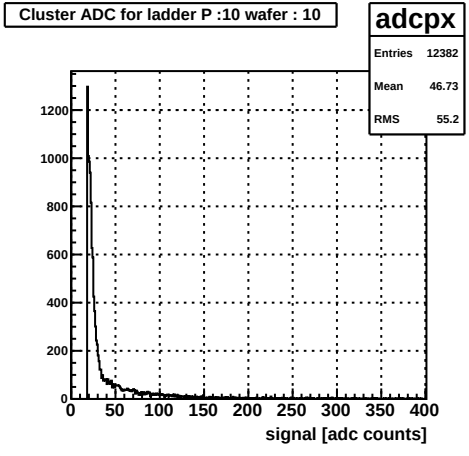

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4033
Mean 39.44
RMS 44.19
signal [adc counts]

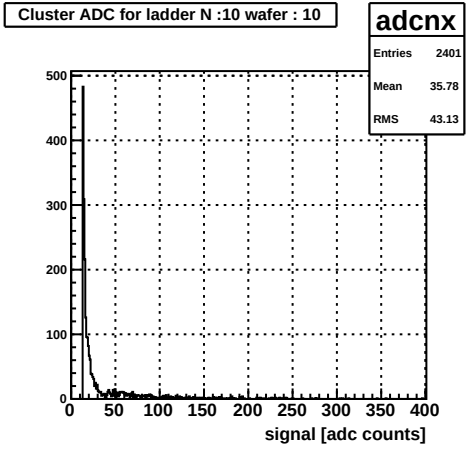

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1452
Mean 49.06
RMS 52.26
signal [adc counts]

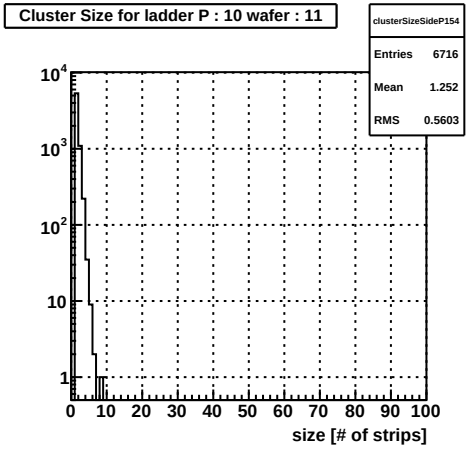

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12382
Mean 1.083
RMS 0.3357
size [# of strips]

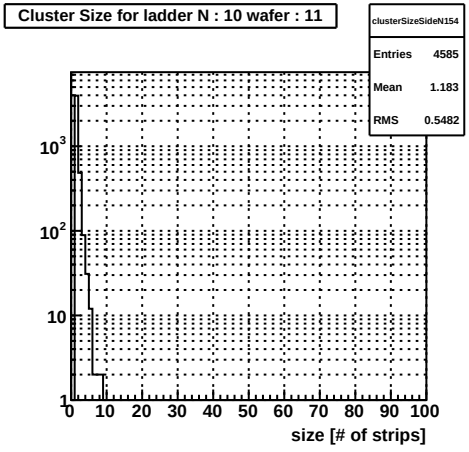

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2401
Mean 1.188
RMS 0.5759
size [# of strips]

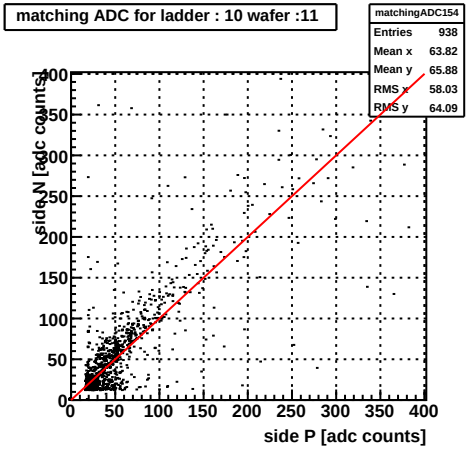

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 672
Mean x 63.12
Mean y 67.99
RMS x 51.84
RMS y 59.19
side N [adc counts]
side P [adc counts]

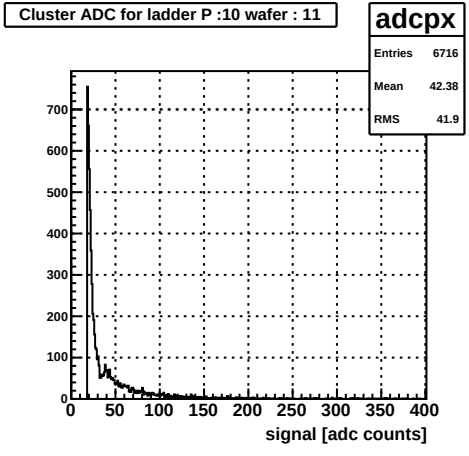

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12382
Mean 46.73
RMS 55.2
signal [adc counts]

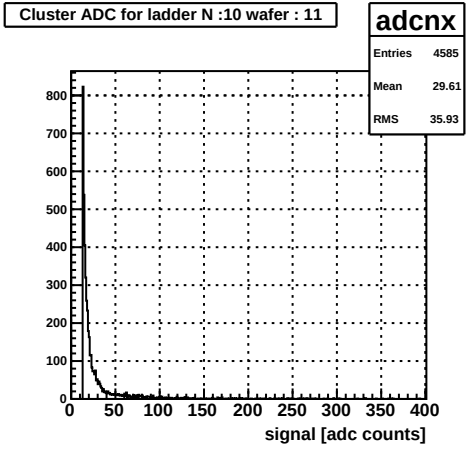

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2401
Mean 35.78
RMS 43.13
signal [adc counts]

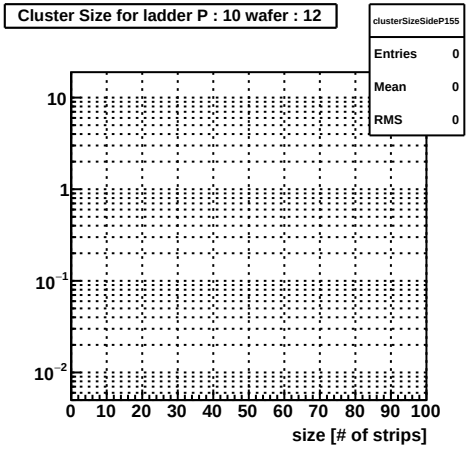

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6716
Mean 1.252
RMS 0.5603
size [# of strips]

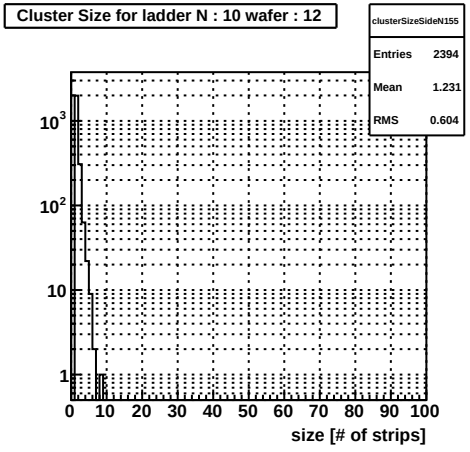

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4585
Mean 1.183
RMS 0.5482
size [# of strips]

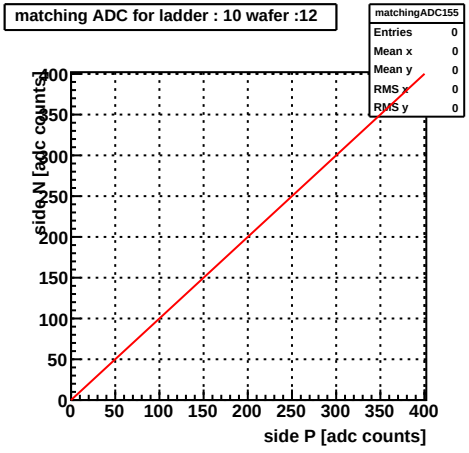

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 938
Mean x 63.82
Mean y 65.88
RMS x 58.03
RMS y 64.09
side N [adc counts]
side P [adc counts]

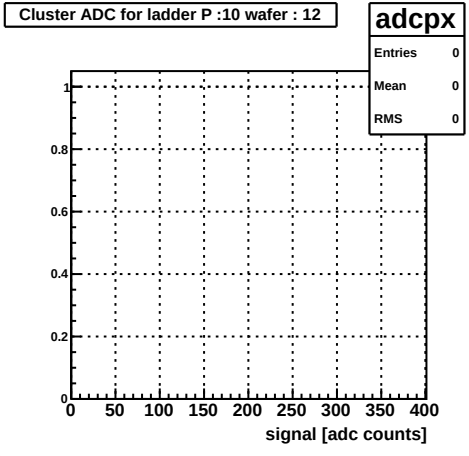

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6716
Mean 42.38
RMS 41.9
signal [adc counts]

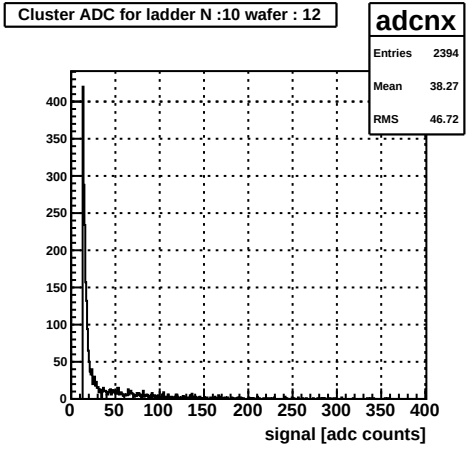

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4585
Mean 29.61
RMS 35.93
signal [adc counts]

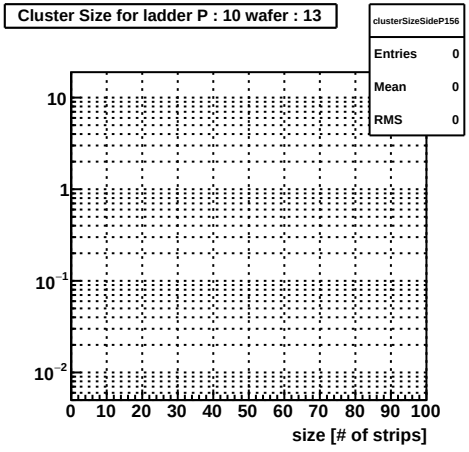

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

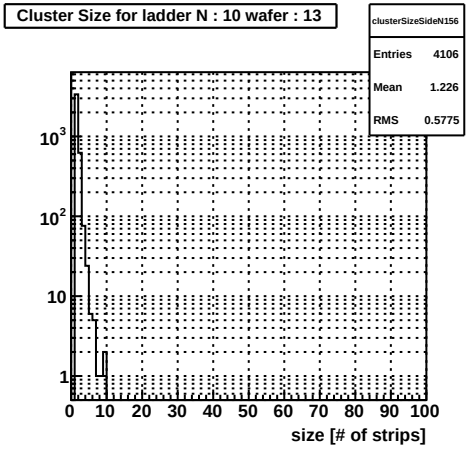

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2394
Mean 1.231
RMS 0.604
size [# of strips]

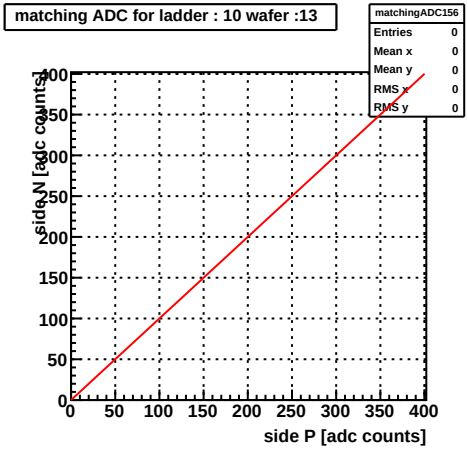

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

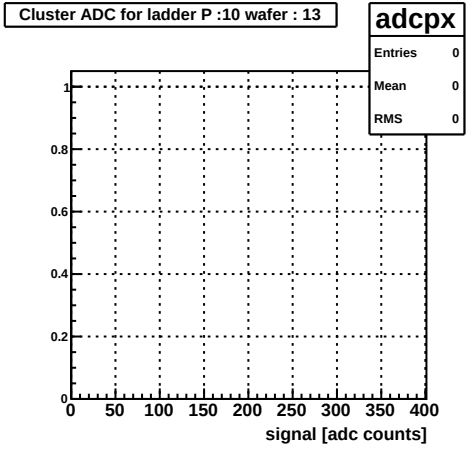

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

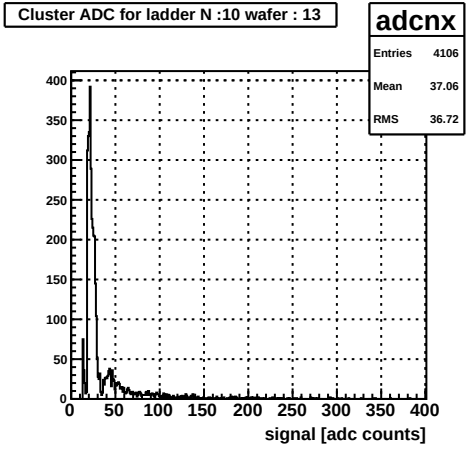

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2394
Mean 38.27
RMS 46.72
signal [adc counts]

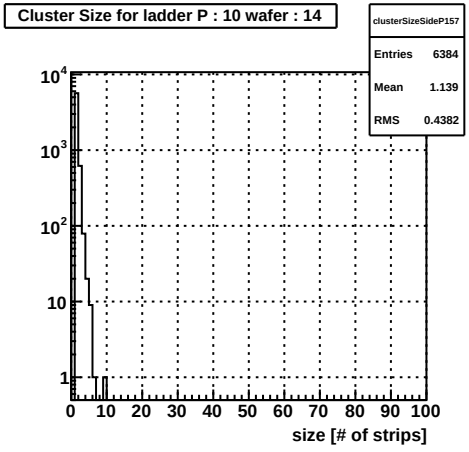

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

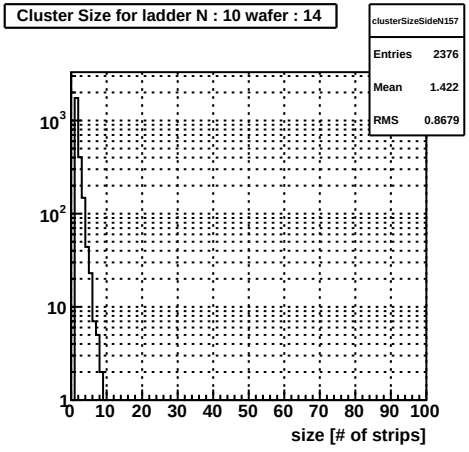

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4106
Mean 1.226
RMS 0.5775
size [# of strips]

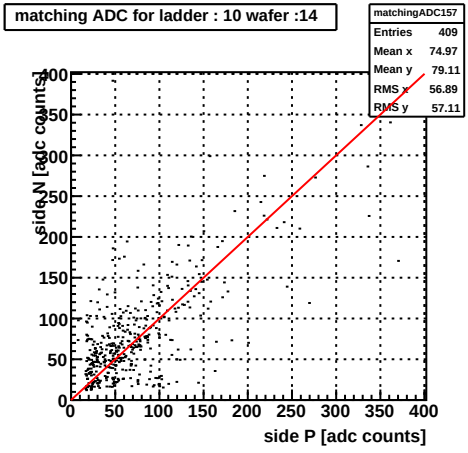

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

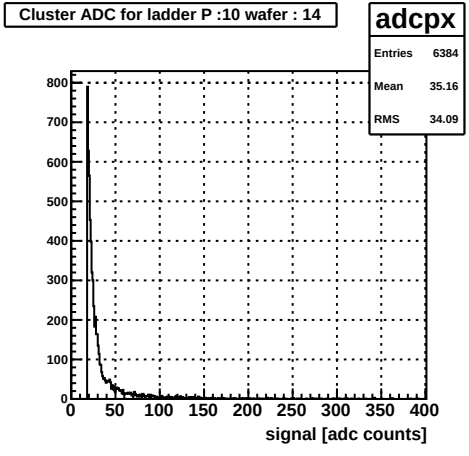

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

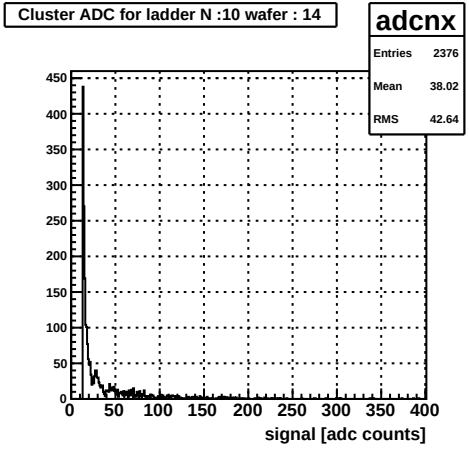

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4106
Mean 37.06
RMS 36.72
signal [adc counts]

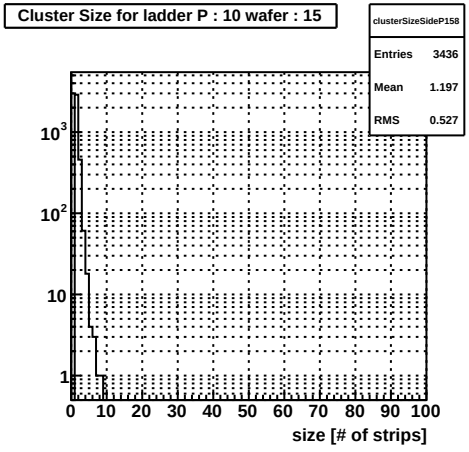

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6384
Mean 1.139
RMS 0.4382
size [# of strips]

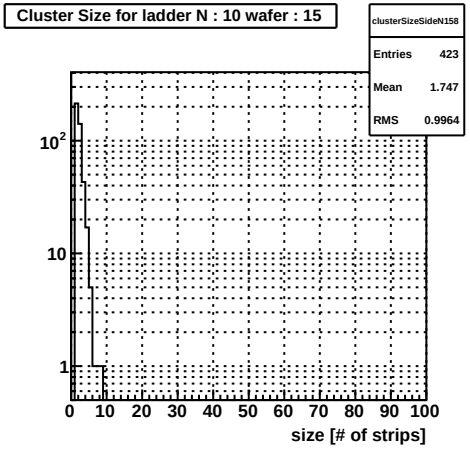

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2376
Mean 1.422
RMS 0.8679
size [# of strips]

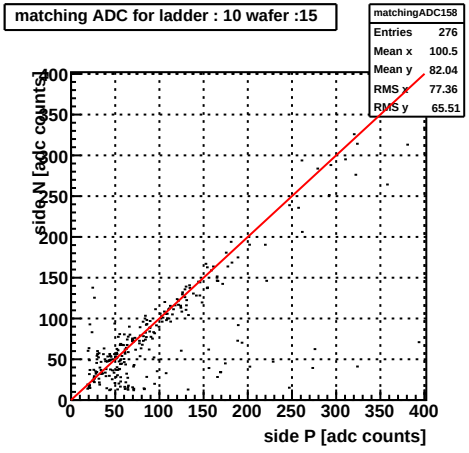

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 409
Mean x 74.97
Mean y 79.11
RMS x 56.89
RMS y 57.11
side N [adc counts]
side P [adc counts]

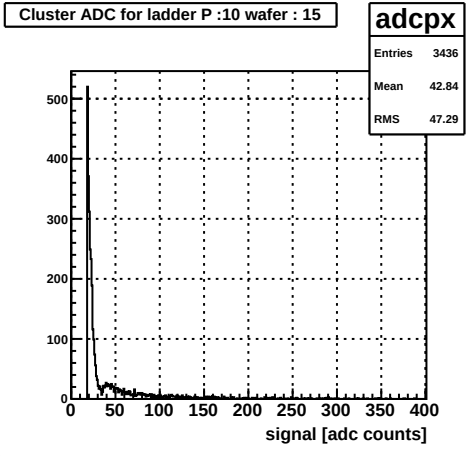

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6384
Mean 35.16
RMS 34.09
signal [adc counts]

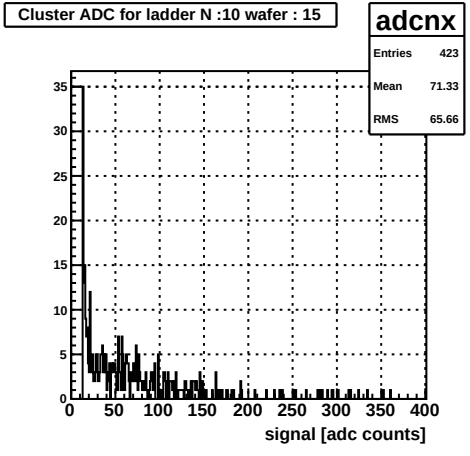

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2376
Mean 38.02
RMS 42.64
signal [adc counts]

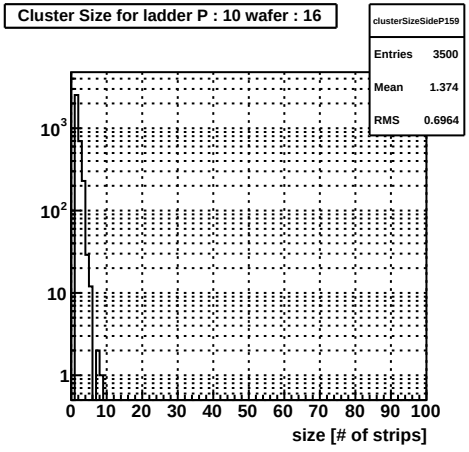

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3436
Mean 1.197
RMS 0.527
size [# of strips]

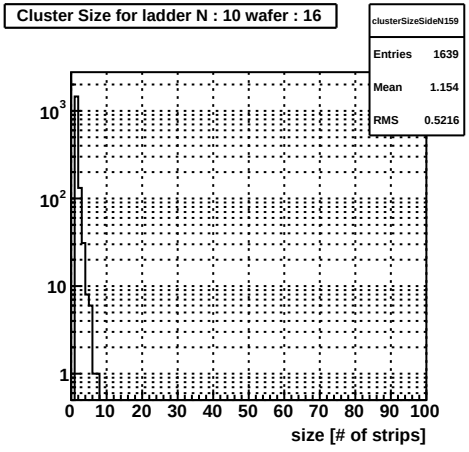

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 423
Mean 1.747
RMS 0.9964
size [# of strips]

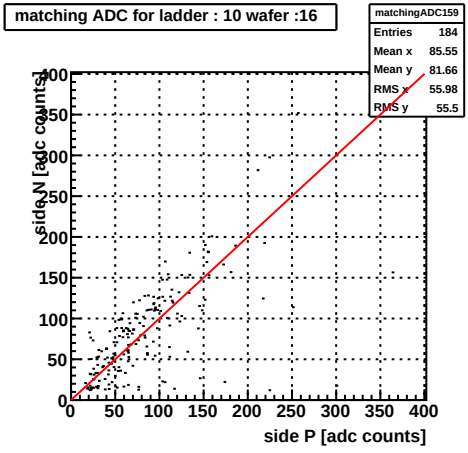

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 276
Mean x 100.5
Mean y 82.04
RMS x 77.36
RMS y 65.51
side N [adc counts]
side P [adc counts]

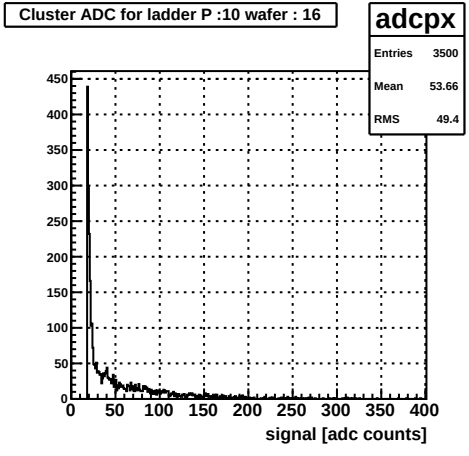

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3436
Mean 42.84
RMS 47.29
signal [adc counts]

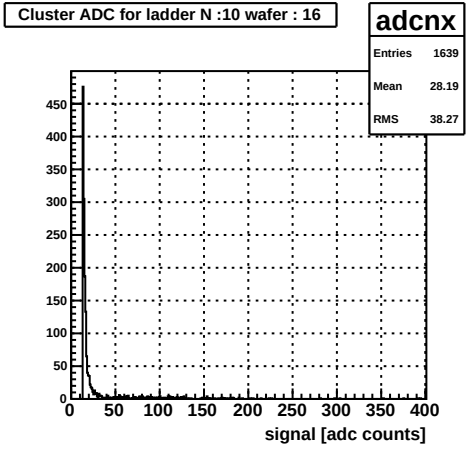

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 423
Mean 71.33
RMS 65.66
signal [adc counts]

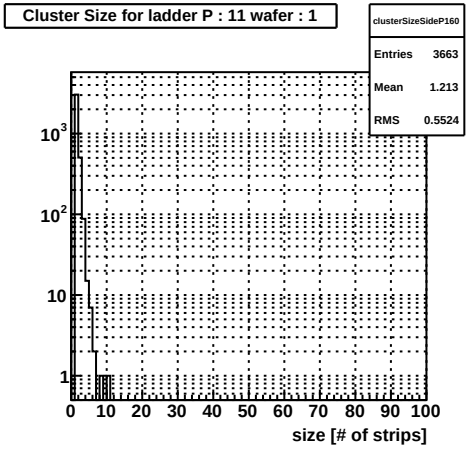

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3500
Mean 1.374
RMS 0.6964
size [# of strips]

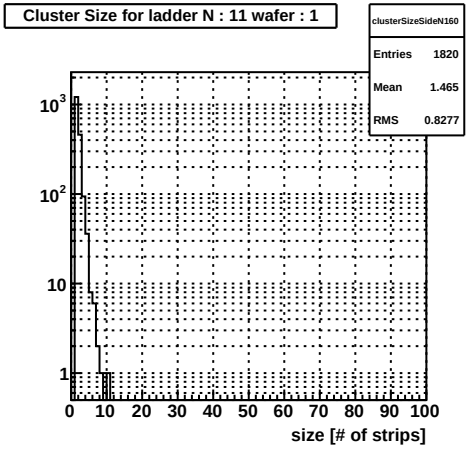

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1639
Mean 1.154
RMS 0.5216
size [# of strips]

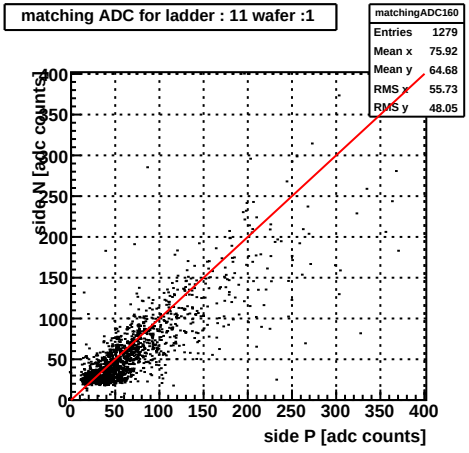

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 184
Mean x 85.55
Mean y 81.66
RMS x 55.98
RMS y 55.5
side N [adc counts]
side P [adc counts]

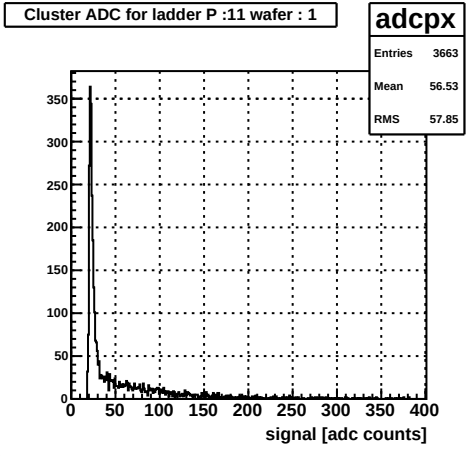

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3500
Mean 53.66
RMS 49.4
signal [adc counts]

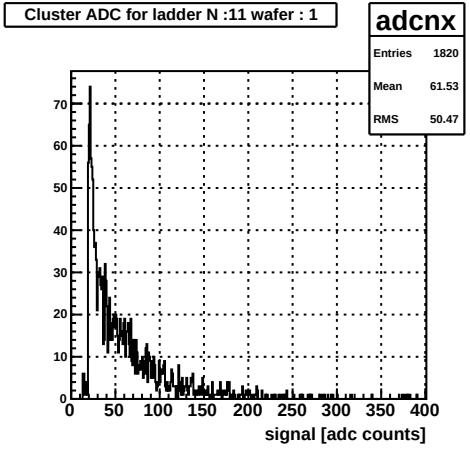

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1639
Mean 28.19
RMS 38.27
signal [adc counts]

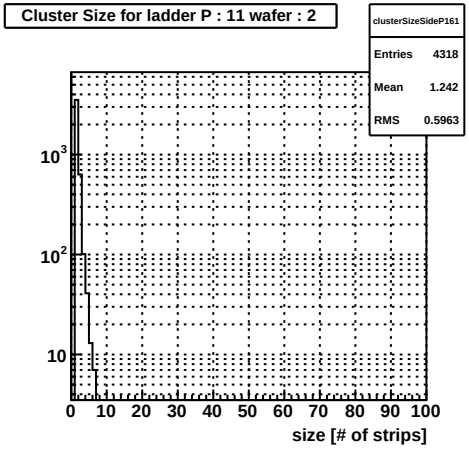

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3663
Mean 1.213
RMS 0.5524
size [# of strips]

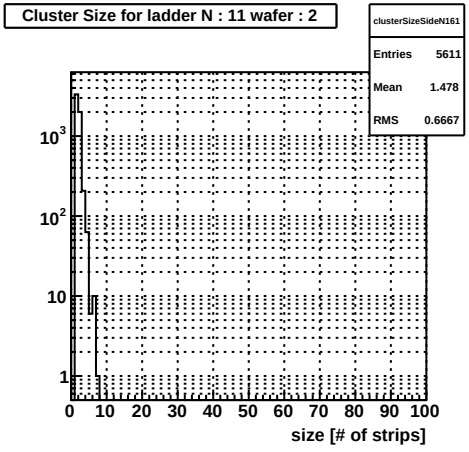

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1820
Mean 1.465
RMS 0.8277
size [# of strips]

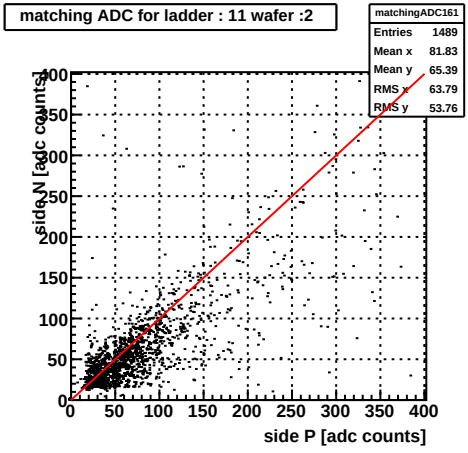

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1279
Mean x 75.92
Mean y 64.68
RMS x 55.73
RMS y 48.05
side N [adc counts]
side P [adc counts]

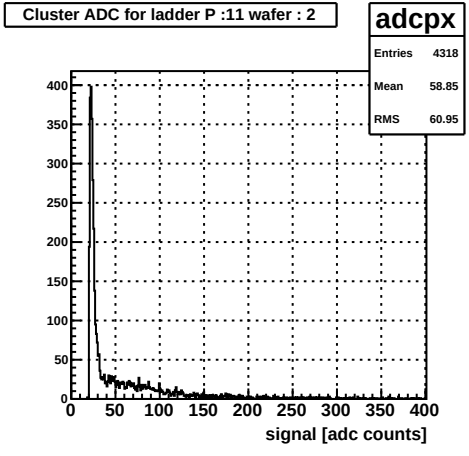

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3663
Mean 56.53
RMS 57.85
signal [adc counts]

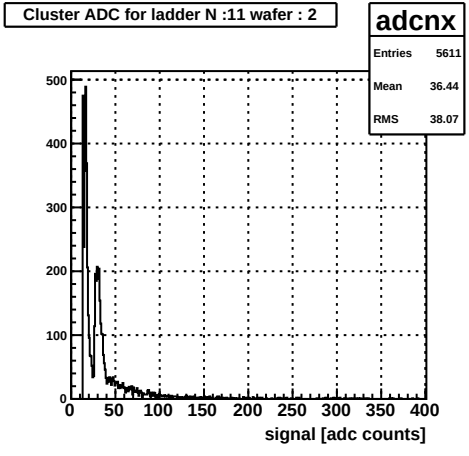

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1820
Mean 61.53
RMS 50.47
signal [adc counts]

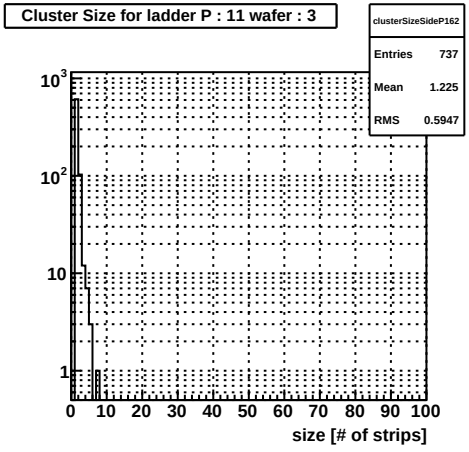

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4318
Mean 1.242
RMS 0.5963
size [# of strips]

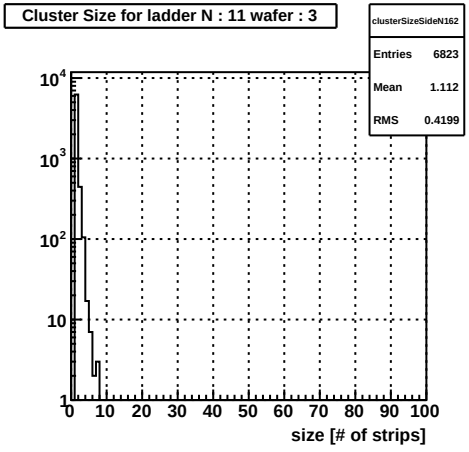

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5611
Mean 1.478
RMS 0.6667
size [# of strips]

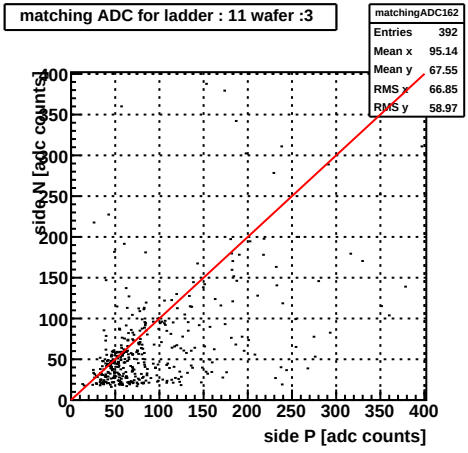

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1489
Mean x 81.83
Mean y 65.39
RMS x 63.79
RMS y 53.76
side N [adc counts]
side P [adc counts]

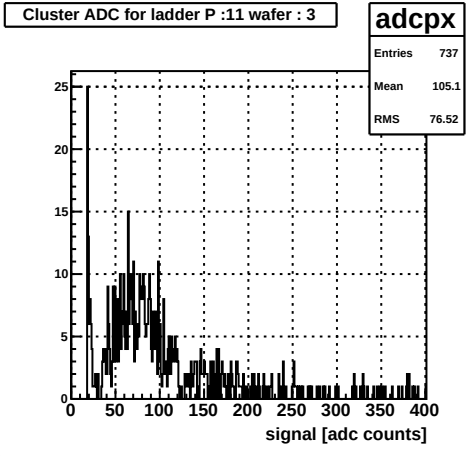

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4318
Mean 58.85
RMS 60.95
signal [adc counts]

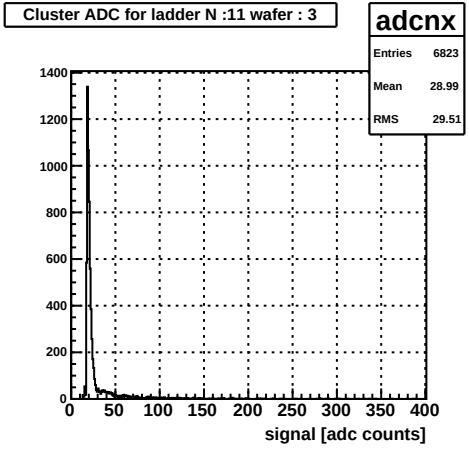

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5611
Mean 36.44
RMS 38.07
signal [adc counts]

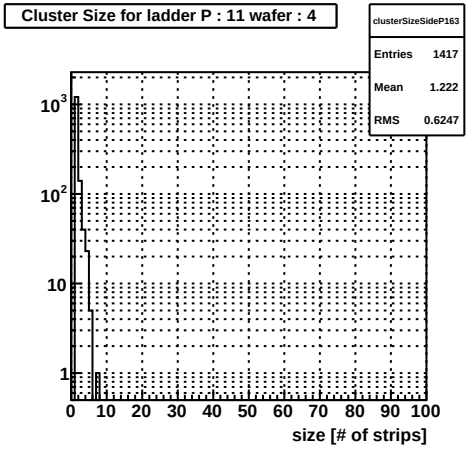

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 737
Mean 1.225
RMS 0.5947
size [# of strips]

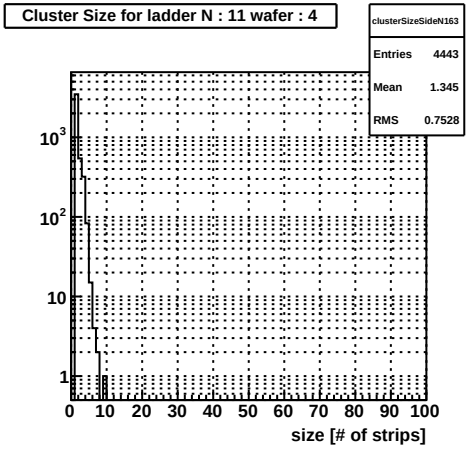

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 6823
Mean 1.112
RMS 0.4199
size [# of strips]

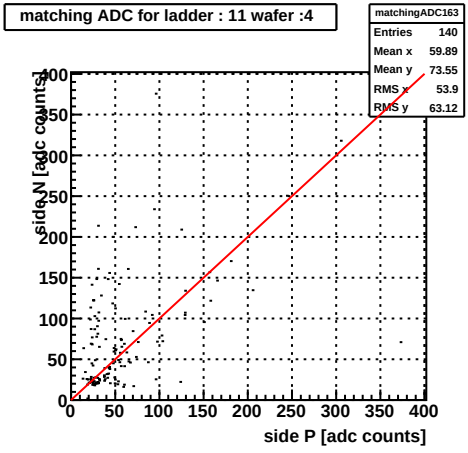

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 392
Mean x 95.14
Mean y 67.55
RMS x 66.85
RMS y 58.97
side N [adc counts]
side P [adc counts]

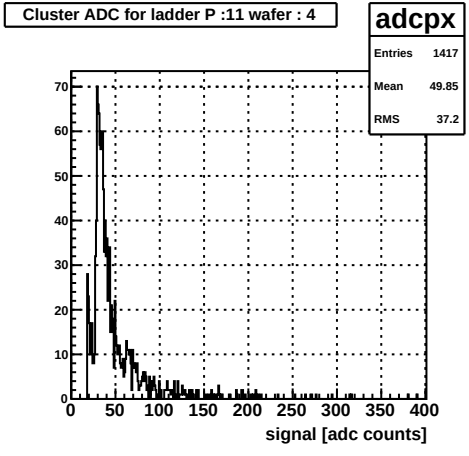

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 737
Mean 105.1
RMS 76.52
signal [adc counts]

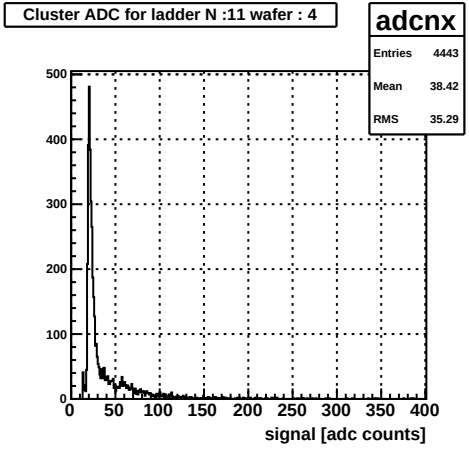

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 6823
Mean 28.99
RMS 29.51
signal [adc counts]

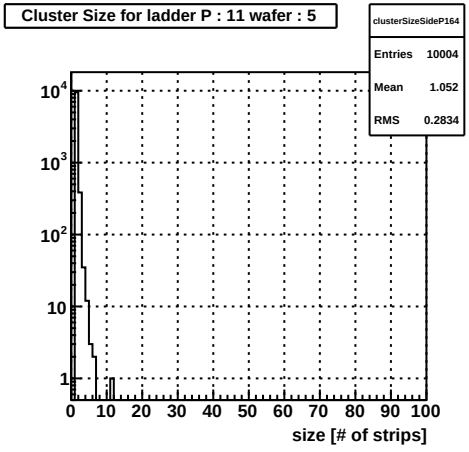

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1417
Mean 1.222
RMS 0.6247
size [# of strips]

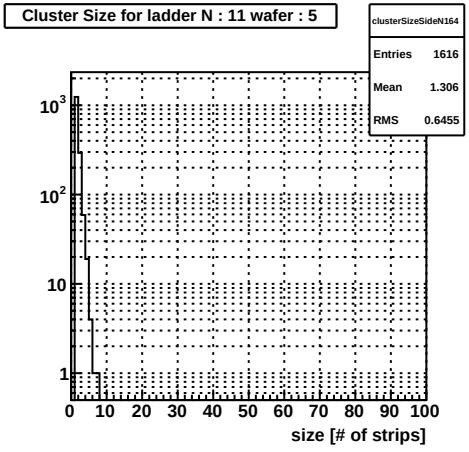

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4443
Mean 1.345
RMS 0.7528
size [# of strips]

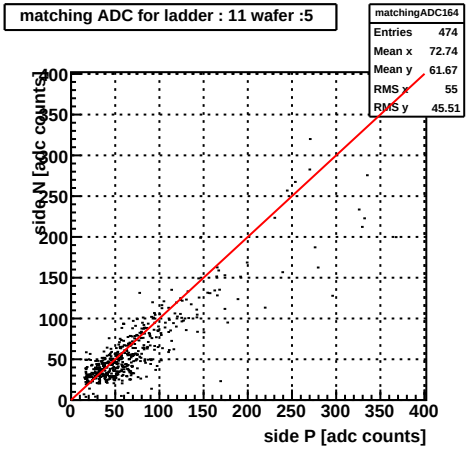

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 140
Mean x 59.89
Mean y 73.55
RMS x 53.9
RMS y 63.12
side N [adc counts]
side P [adc counts]

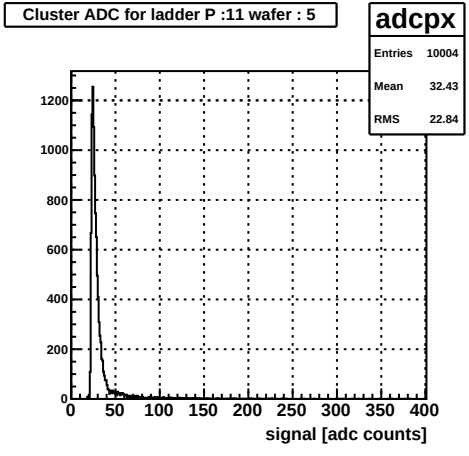

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1417
Mean 49.85
RMS 37.2
signal [adc counts]

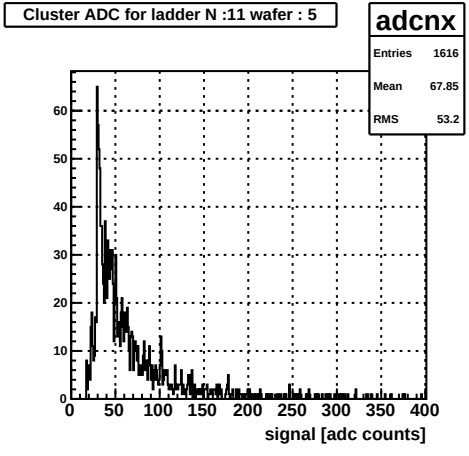

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4443
Mean 38.42
RMS 35.29
signal [adc counts]

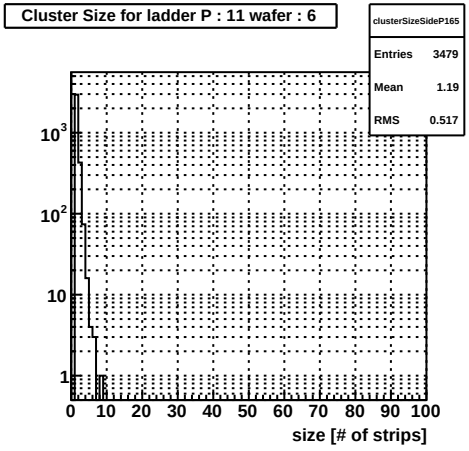

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 10004
Mean 1.052
RMS 0.2834
size [# of strips]

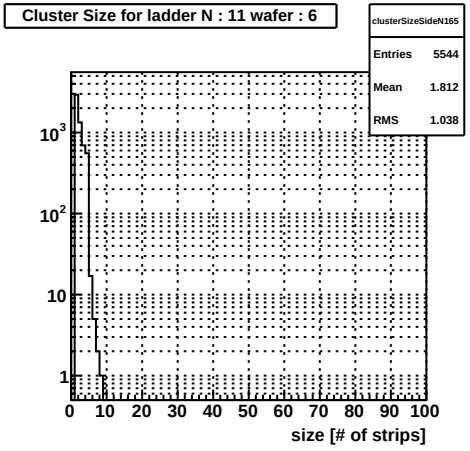

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1616
Mean 1.306
RMS 0.6455
size [# of strips]

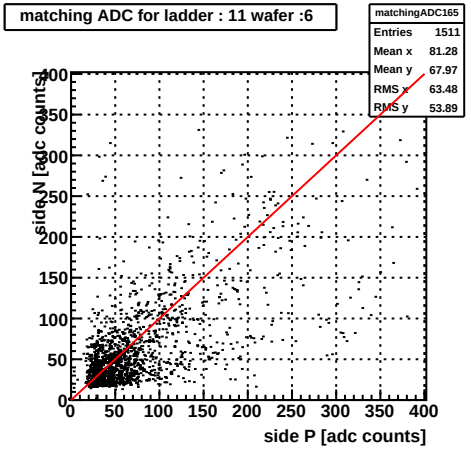

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 474
Mean x 72.74
Mean y 61.67
RMS x 55
RMS y 45.51
side N [adc counts]
side P [adc counts]

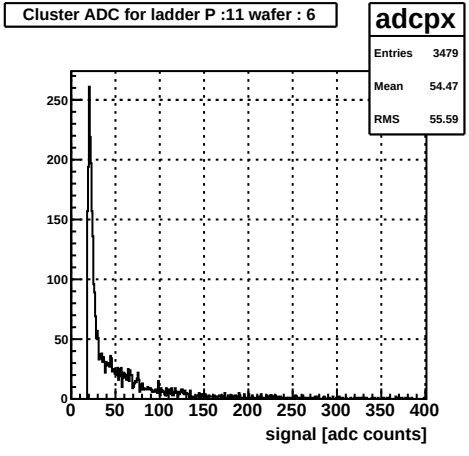

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 10004
Mean 32.43
RMS 22.84
signal [adc counts]

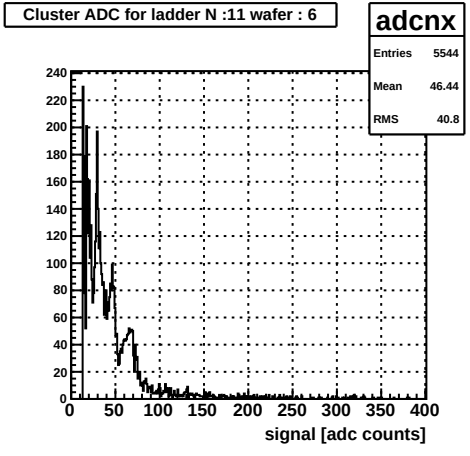

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1616
Mean 67.85
RMS 53.2
signal [adc counts]

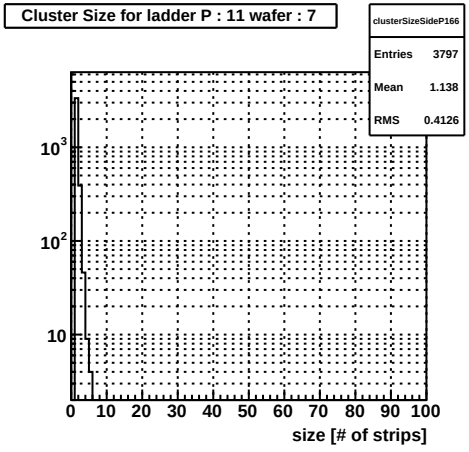

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3479
Mean 1.19
RMS 0.517
size [# of strips]

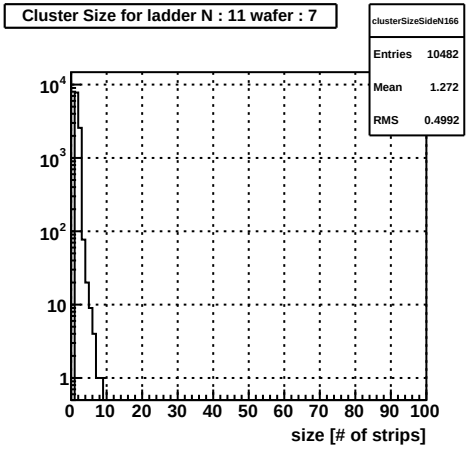

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5544
Mean 1.812
RMS 1.038
size [# of strips]

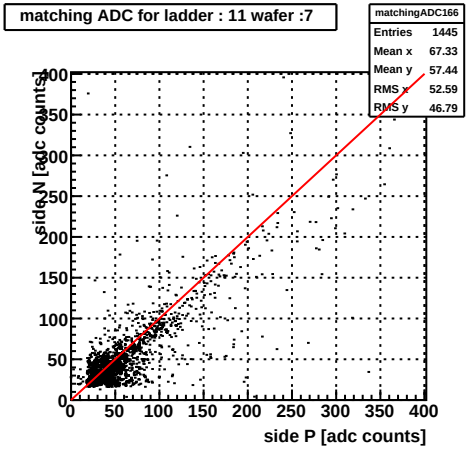

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1511
Mean x 81.28
Mean y 67.97
RMS x 63.48
RMS y 53.89
side N [adc counts]
side P [adc counts]

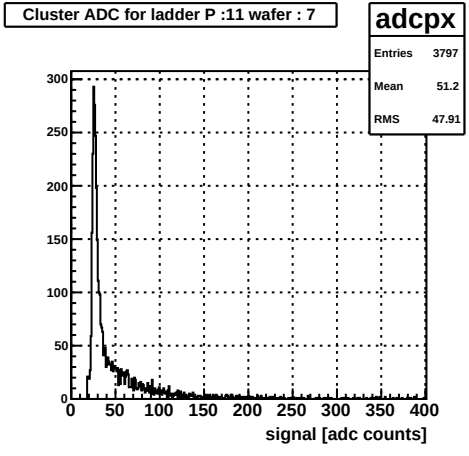

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3479
Mean 54.47
RMS 55.59
signal [adc counts]

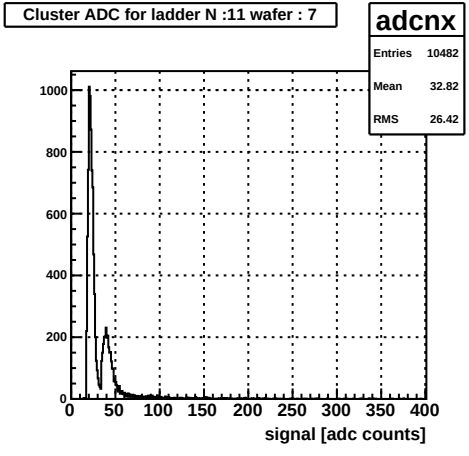

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5544
Mean 46.44
RMS 40.8
signal [adc counts]

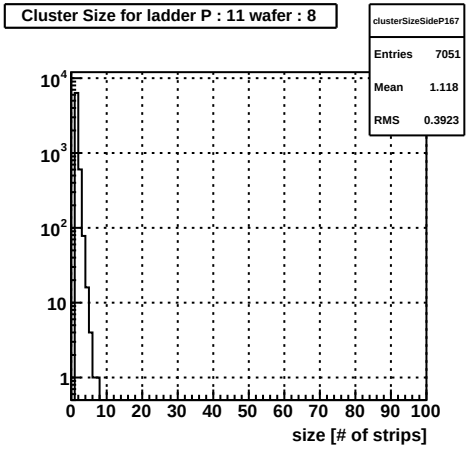

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 3797
Mean 1.138
RMS 0.4126
size [# of strips]

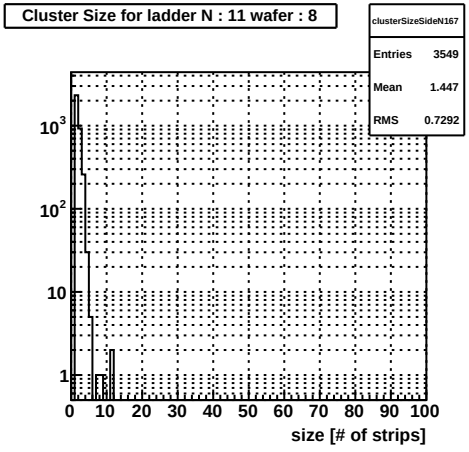

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 10482
Mean 1.272
RMS 0.4992
size [# of strips]

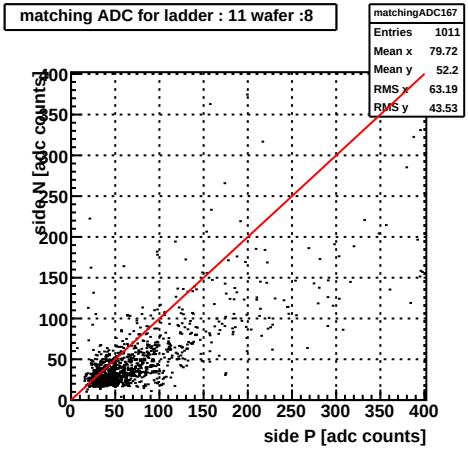

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1445
Mean x 67.33
Mean y 57.44
RMS x 52.59
RMS y 46.79
side N [adc counts]
side P [adc counts]

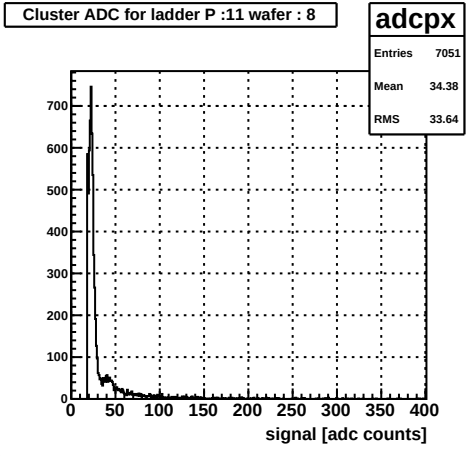

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 3797
Mean 51.2
RMS 47.91
signal [adc counts]

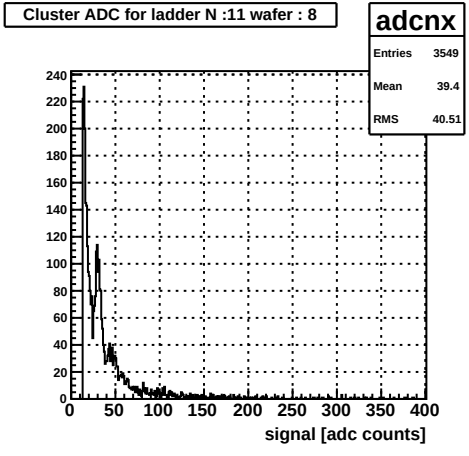

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 10482
Mean 32.82
RMS 26.42
signal [adc counts]

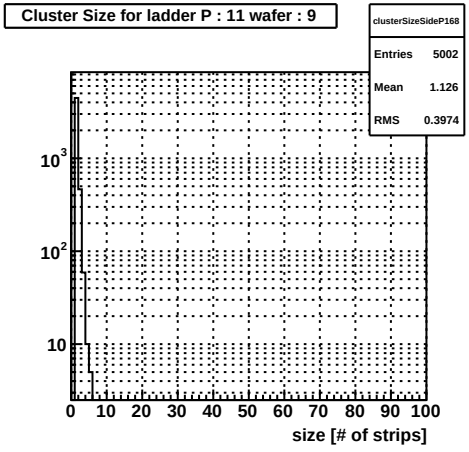

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7051
Mean 1.118
RMS 0.3923
size [# of strips]

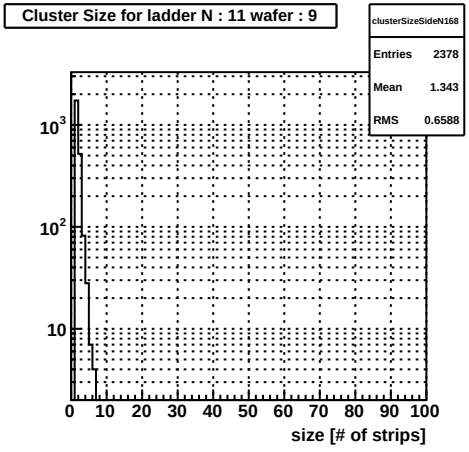

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3549
Mean 1.447
RMS 0.7292
size [# of strips]

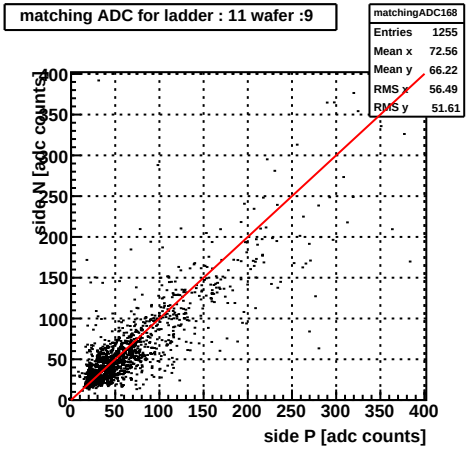

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1011
Mean x 79.72
Mean y 52.2
RMS x 63.19
RMS y 43.53
side N [adc counts]
side P [adc counts]

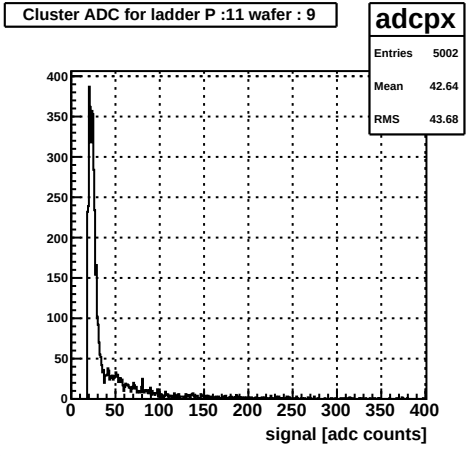

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7051
Mean 34.38
RMS 33.64
signal [adc counts]

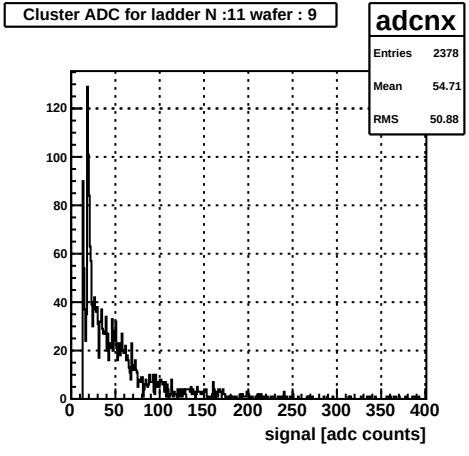

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3549
Mean 39.4
RMS 40.51
signal [adc counts]

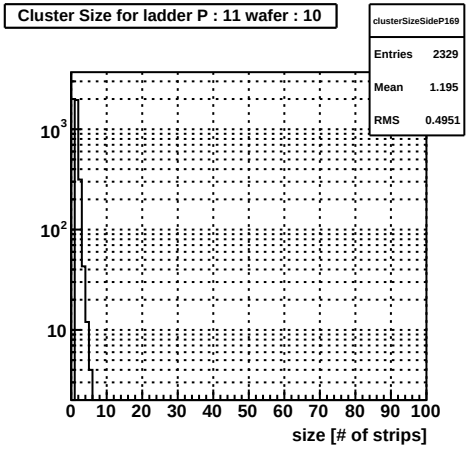

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5002
Mean 1.126
RMS 0.3974
size [# of strips]

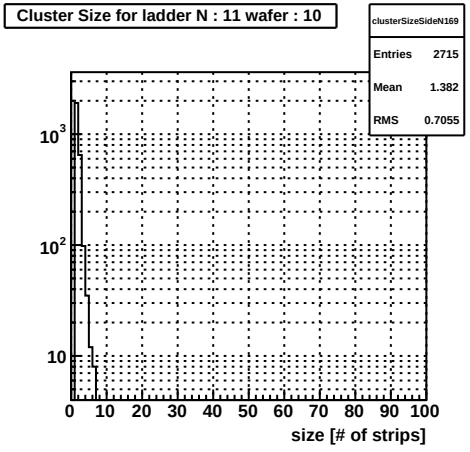

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2378
Mean 1.343
RMS 0.6588
size [# of strips]

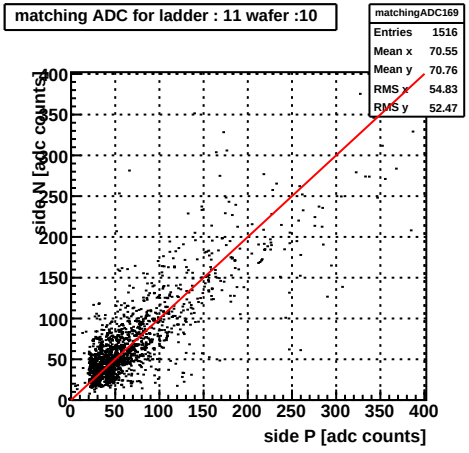

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1255
Mean x 72.56
Mean y 66.22
RMS x 56.49
RMS y 51.61
side N [adc counts]
side P [adc counts]

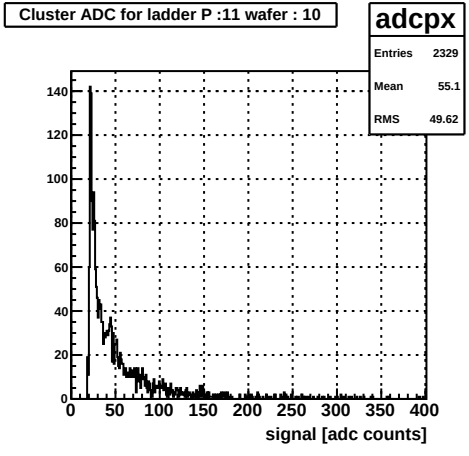

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5002
Mean 42.64
RMS 43.68
signal [adc counts]

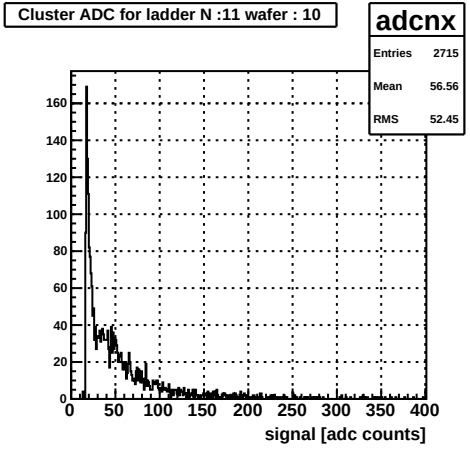

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2378
Mean 54.71
RMS 50.88
signal [adc counts]

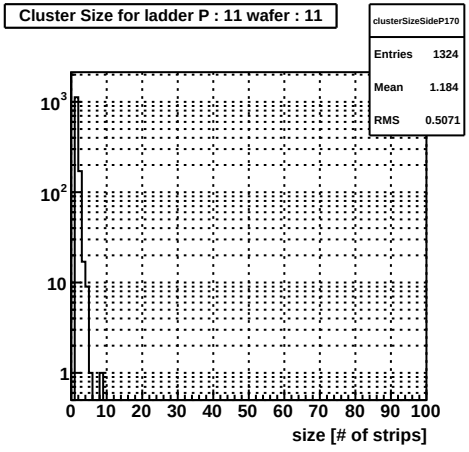

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2329
Mean 1.195
RMS 0.4951
size [# of strips]

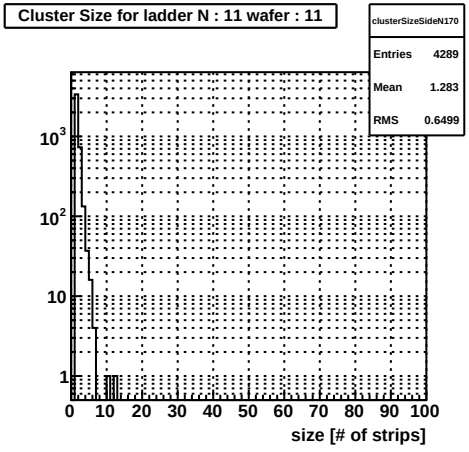

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2715
Mean 1.382
RMS 0.7055
size [# of strips]

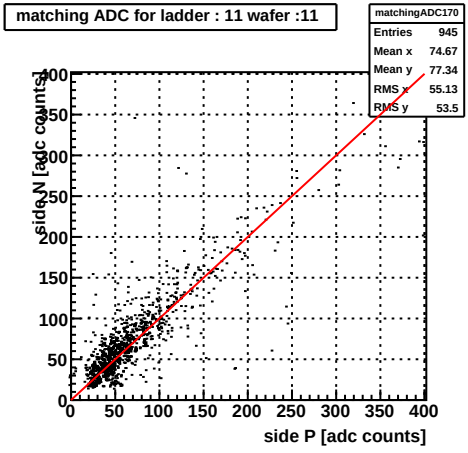

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1516
Mean x 70.55
Mean y 70.76
RMS x 54.83
RMS y 52.47
side N [adc counts]
side P [adc counts]

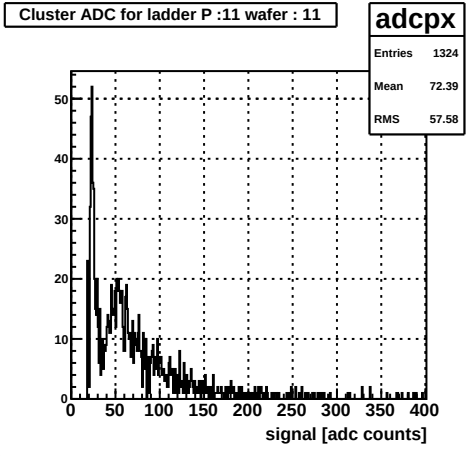

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2329
Mean 55.1
RMS 49.62
signal [adc counts]

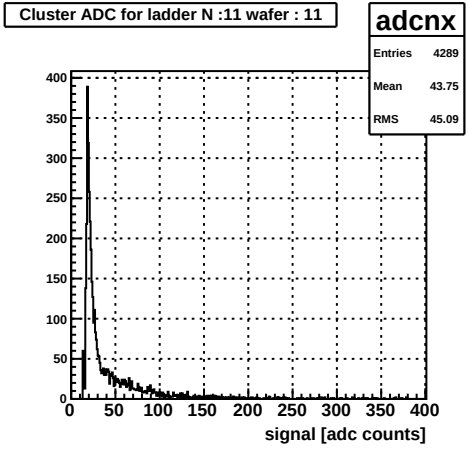

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2715
Mean 56.56
RMS 52.45
signal [adc counts]

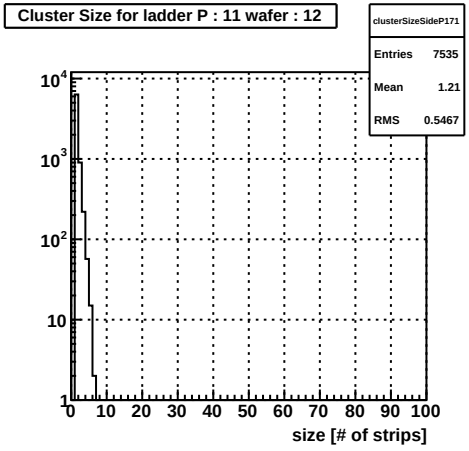

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1324
Mean 1.184
RMS 0.5071
size [# of strips]

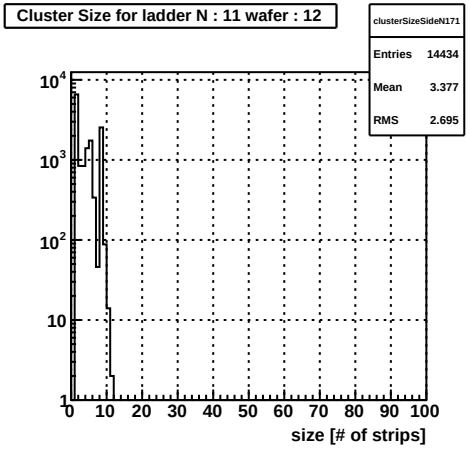

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4289
Mean 1.283
RMS 0.6499
size [# of strips]

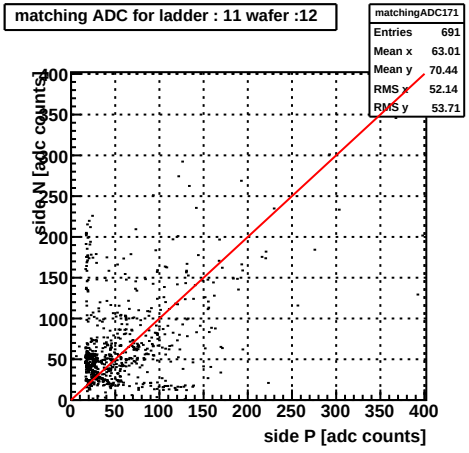

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 945
Mean x 74.67
Mean y 77.34
RMS x 55.13
RMS y 53.5
side N [adc counts]
side P [adc counts]

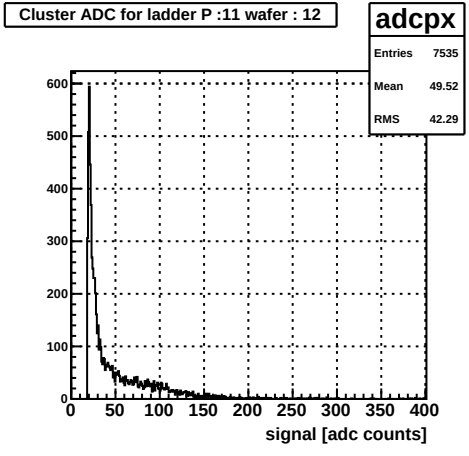

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1324
Mean 72.39
RMS 57.58
signal [adc counts]

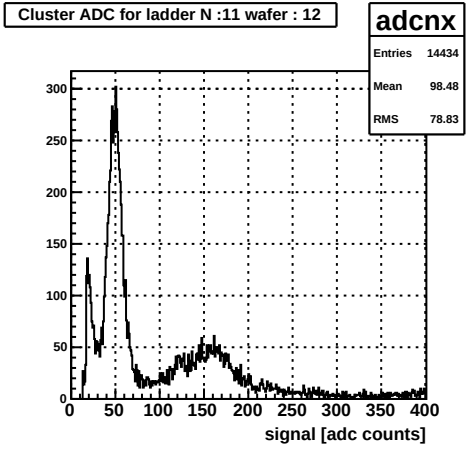

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4289
Mean 43.75
RMS 45.09
signal [adc counts]

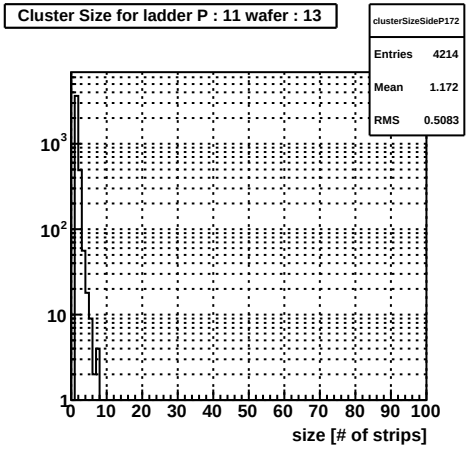

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7535
Mean 1.21
RMS 0.5467
size [# of strips]

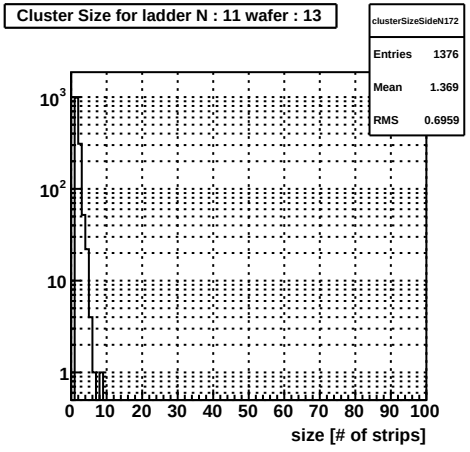

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 14434
Mean 3.377
RMS 2.695
size [# of strips]

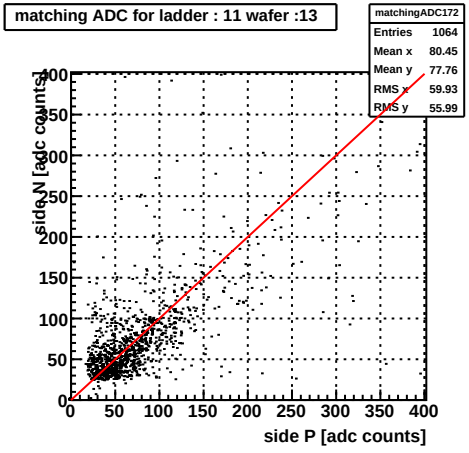

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 691
Mean x 63.01
Mean y 70.44
RMS x 52.14
RMS y 53.71
side N [adc counts]
side P [adc counts]

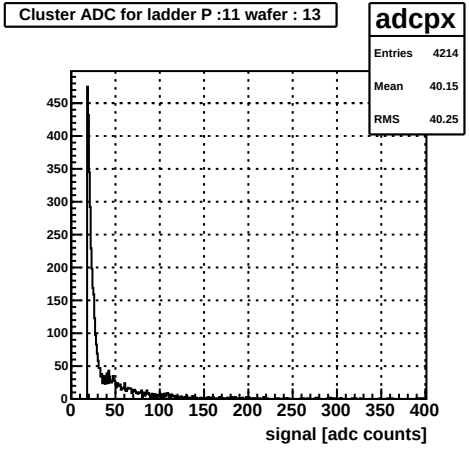

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7535
Mean 49.52
RMS 42.29
signal [adc counts]

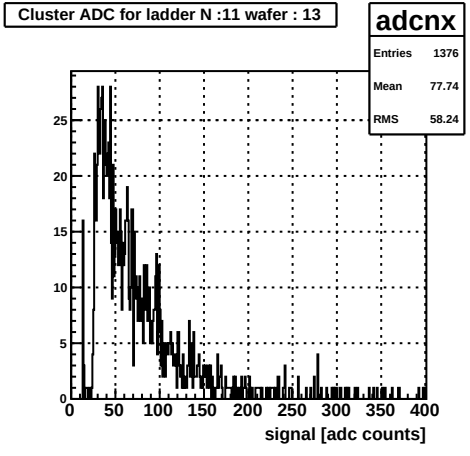

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 14434
Mean 98.48
RMS 78.83
signal [adc counts]

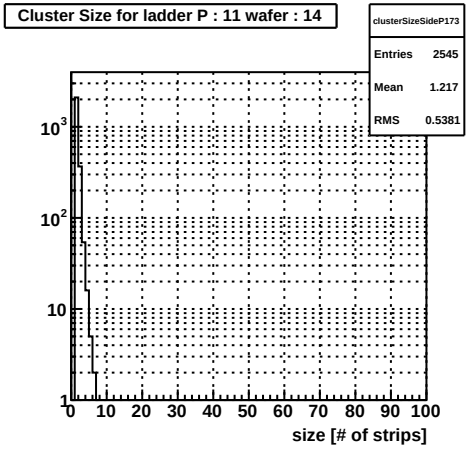

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4214
Mean 1.172
RMS 0.5083
size [# of strips]

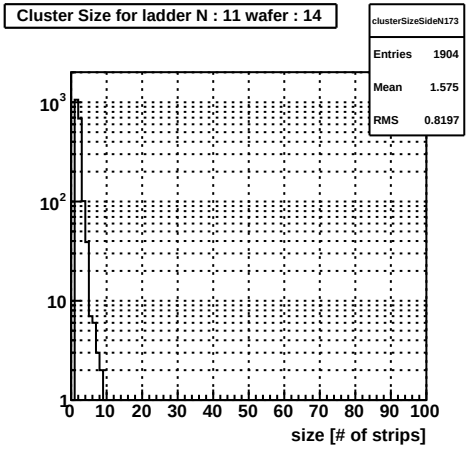

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1376
Mean 1.369
RMS 0.6959
size [# of strips]

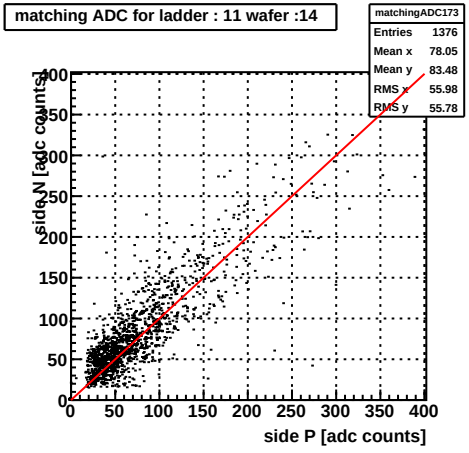

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1064
Mean x 80.45
Mean y 77.76
RMS x 59.93
RMS y 55.99
side N [adc counts]
side P [adc counts]

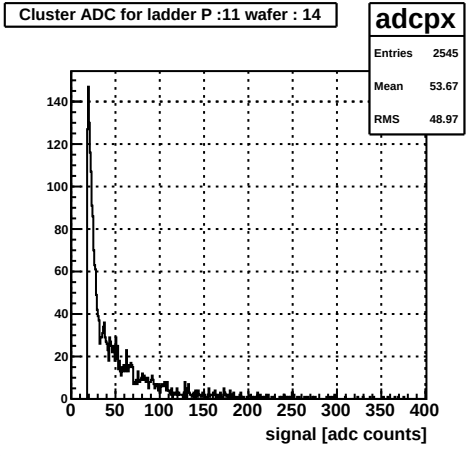

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4214
Mean 40.15
RMS 40.25
signal [adc counts]

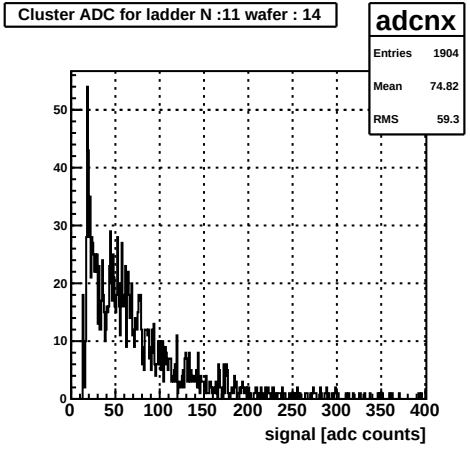

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1376
Mean 77.74
RMS 58.24
signal [adc counts]

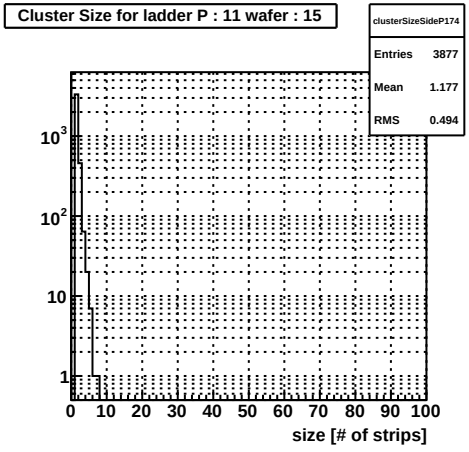

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2545
Mean 1.217
RMS 0.5381
size [# of strips]

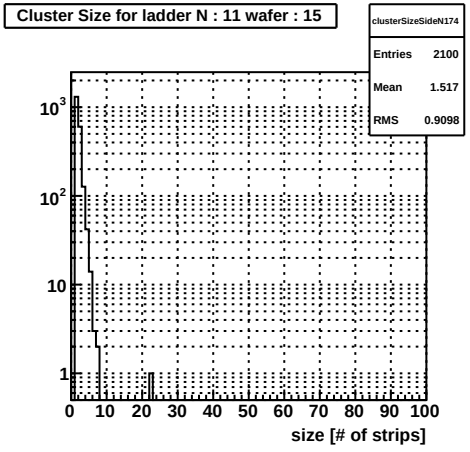

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1904
Mean 1.575
RMS 0.8197
size [# of strips]

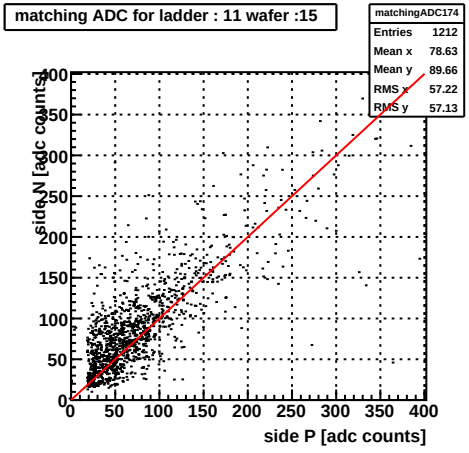

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1376
Mean x 78.05
Mean y 83.48
RMS x 55.98
RMS y 55.78
side N [adc counts]
side P [adc counts]

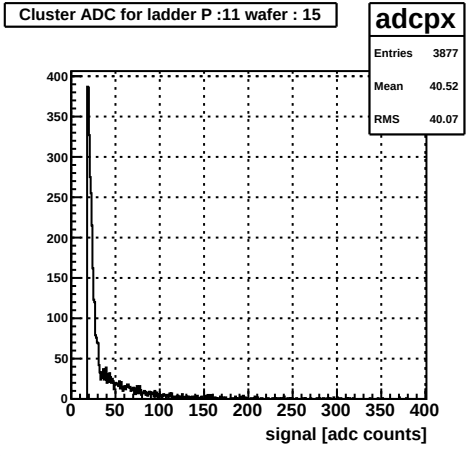

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2545
Mean 53.67
RMS 48.97
signal [adc counts]

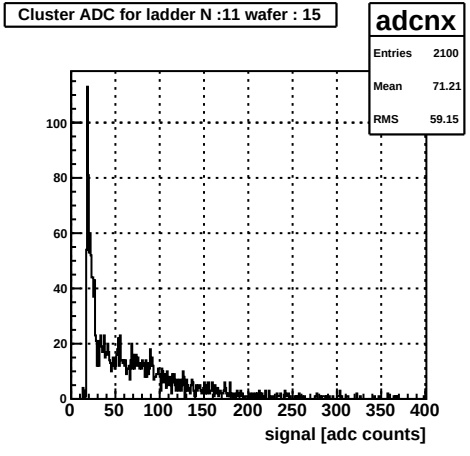

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1904
Mean 74.82
RMS 59.3
signal [adc counts]

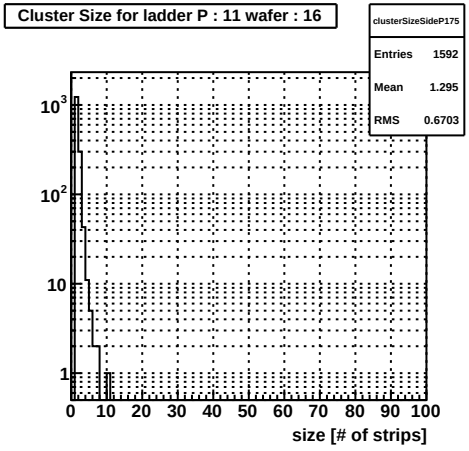

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3877
Mean 1.177
RMS 0.494
size [# of strips]

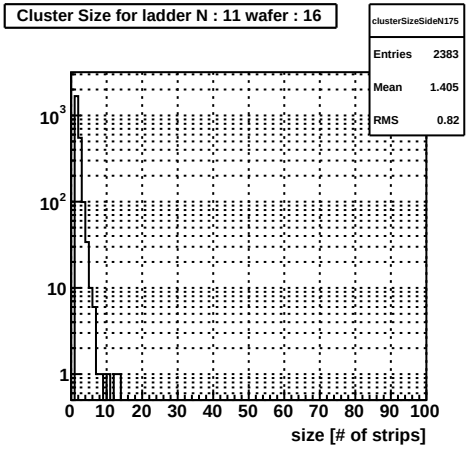

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2100
Mean 1.517
RMS 0.9098
size [# of strips]

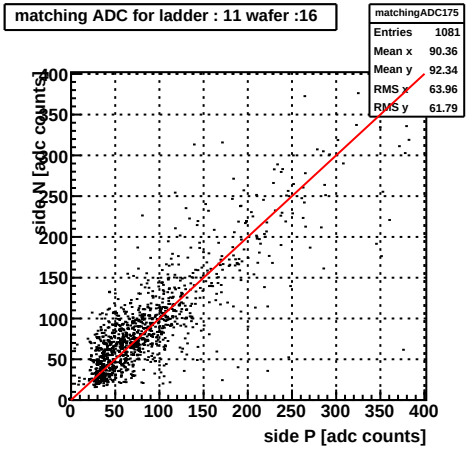

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1212
Mean x 78.63
Mean y 89.66
RMS x 57.22
RMS y 57.13
side N [adc counts]
side P [adc counts]

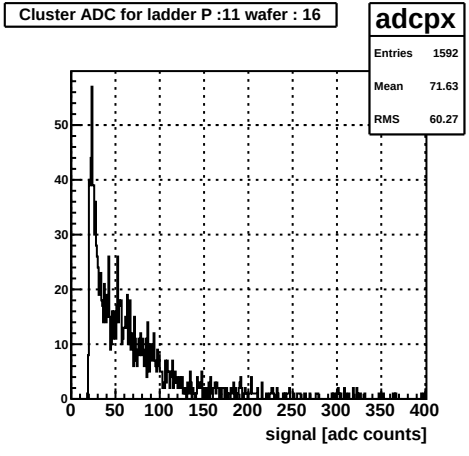

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3877
Mean 40.52
RMS 40.07
signal [adc counts]

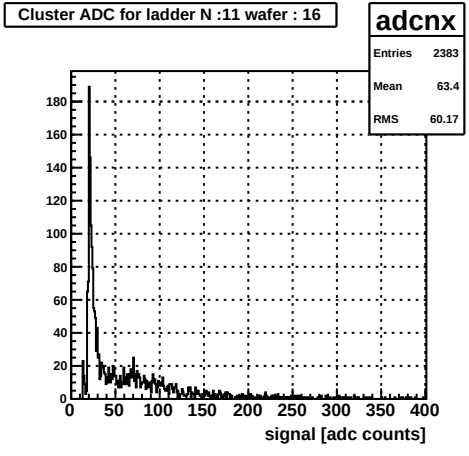

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2100
Mean 71.21
RMS 59.15
signal [adc counts]

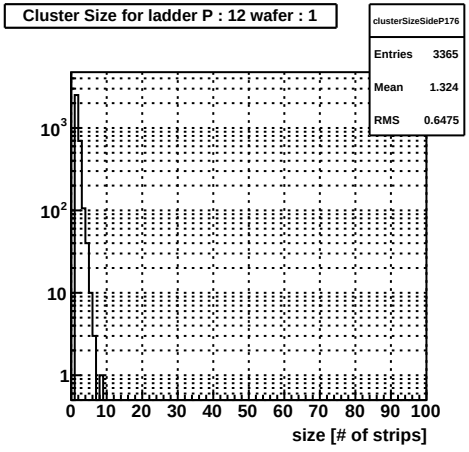

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1592
Mean 1.295
RMS 0.6703
size [# of strips]

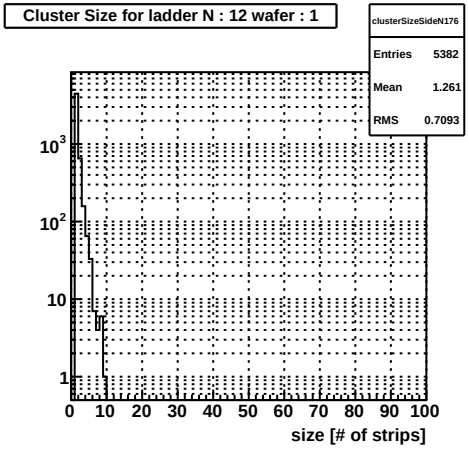

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2383
Mean 1.405
RMS 0.82
size [# of strips]

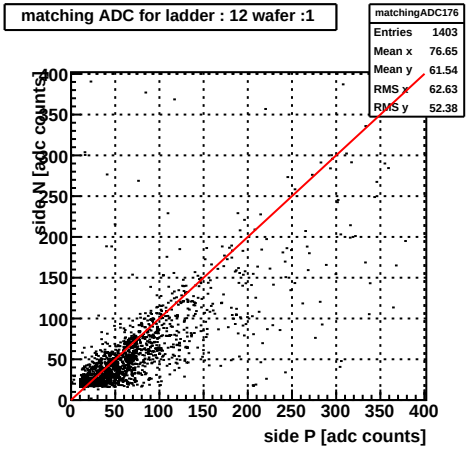

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1081
Mean x 90.36
Mean y 92.34
RMS x 63.96
RMS y 61.79
side N [adc counts]
side P [adc counts]

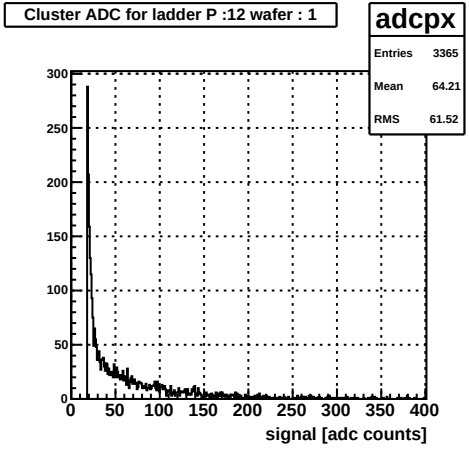

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1592
Mean 71.63
RMS 60.27
signal [adc counts]

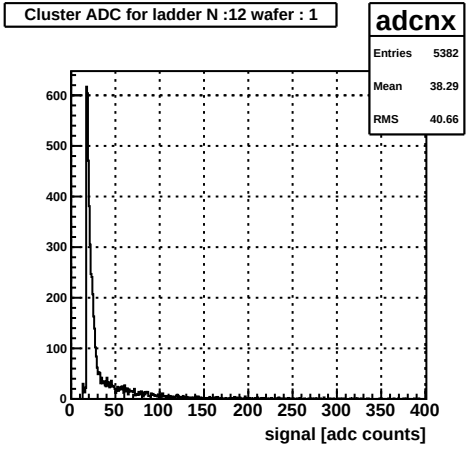

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2383
Mean 63.4
RMS 60.17
signal [adc counts]

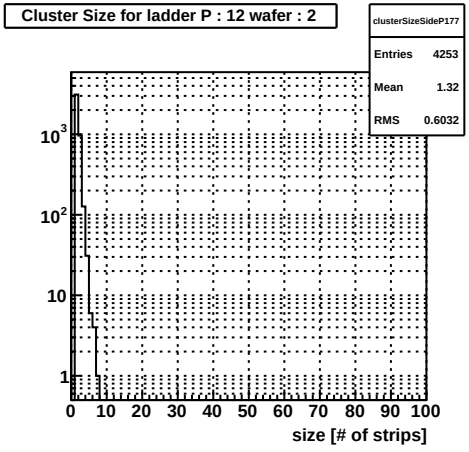

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3365
Mean 1.324
RMS 0.6475
size [# of strips]

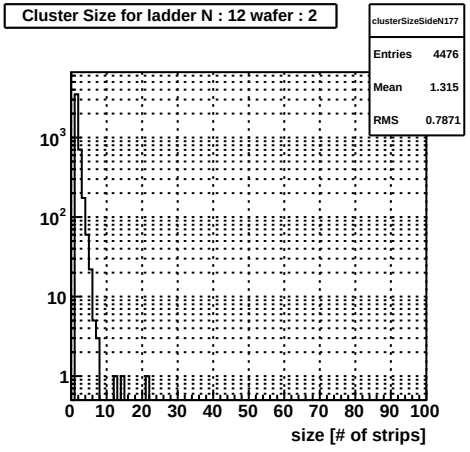

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5382
Mean 1.261
RMS 0.7093
size [# of strips]

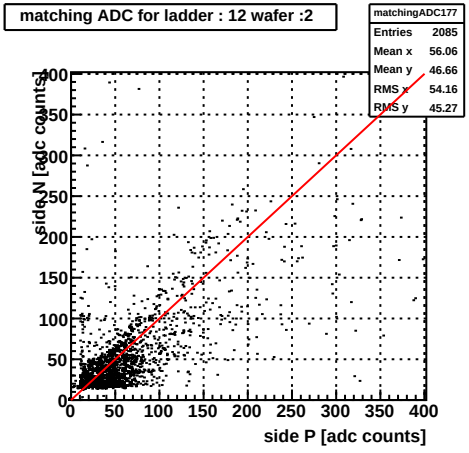

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1403
Mean x 76.65
Mean y 61.54
RMS x 62.63
RMS y 52.38
side N [adc counts]
side P [adc counts]

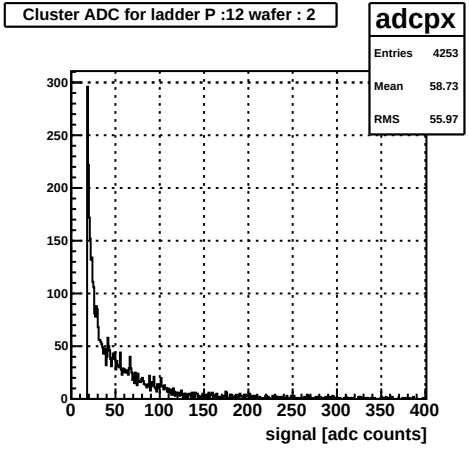

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3365
Mean 64.21
RMS 61.52
signal [adc counts]

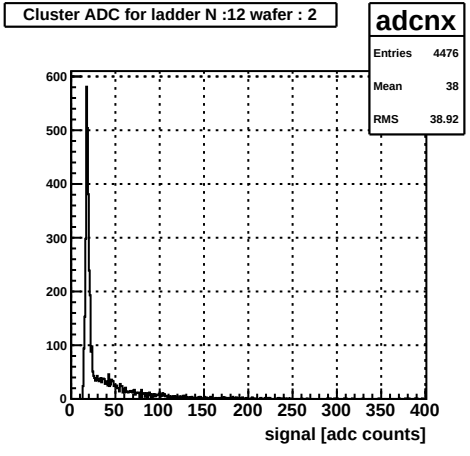

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5382
Mean 38.29
RMS 40.66
signal [adc counts]

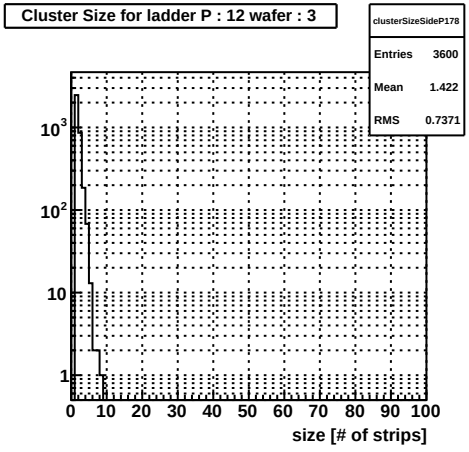

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4253
Mean 1.32
RMS 0.6032
size [# of strips]

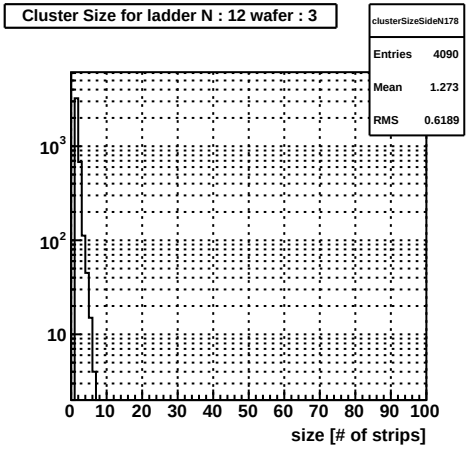

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4476
Mean 1.315
RMS 0.7871
size [# of strips]

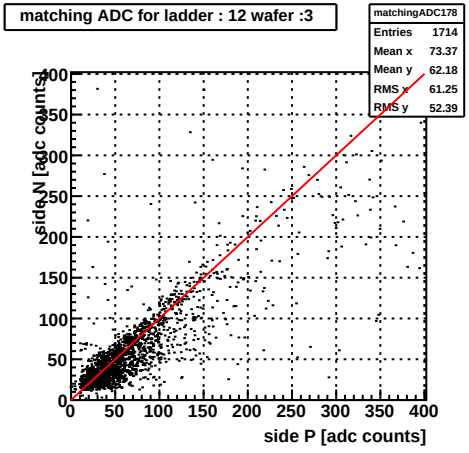

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2085
Mean x 56.06
Mean y 46.66
RMS x 54.16
RMS y 45.27
side N [adc counts]
side P [adc counts]

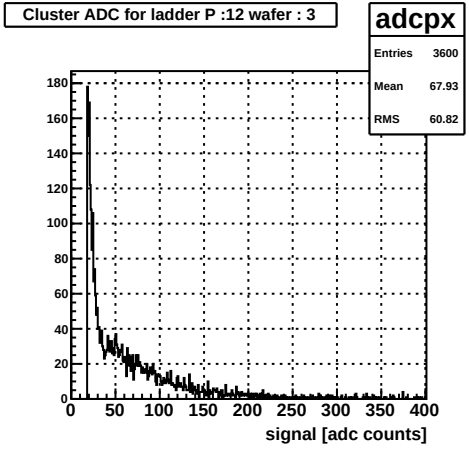

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4253
Mean 58.73
RMS 55.97
signal [adc counts]

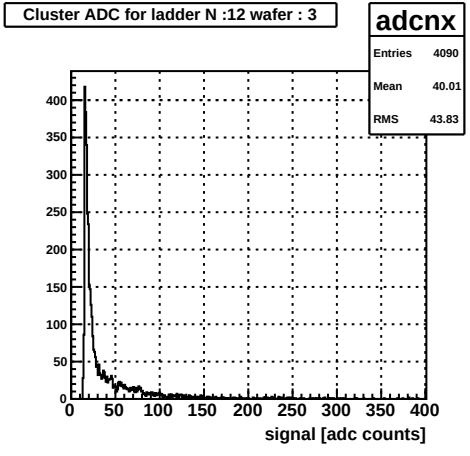

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4476
Mean 38
RMS 38.92
signal [adc counts]

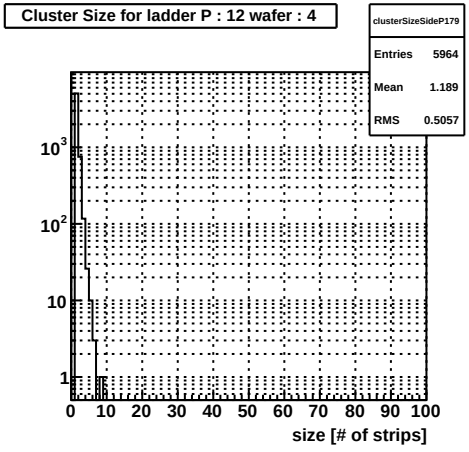

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3600
Mean 1.422
RMS 0.7371
size [# of strips]

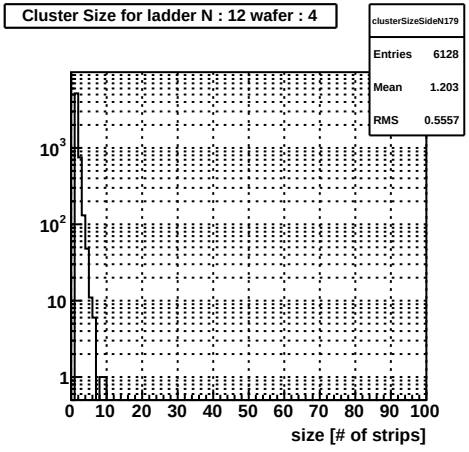

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4090
Mean 1.273
RMS 0.6189
size [# of strips]

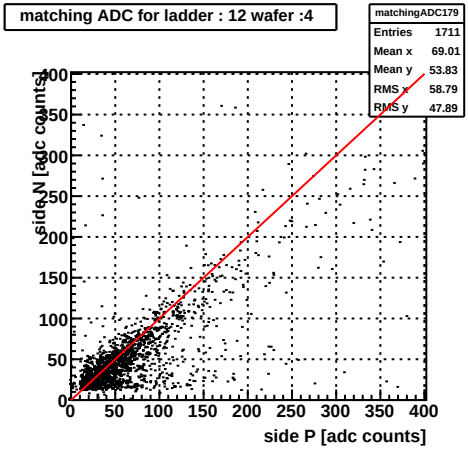

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1714
Mean x 73.37
Mean y 62.18
RMS x 61.25
RMS y 52.39
side N [adc counts]
side P [adc counts]

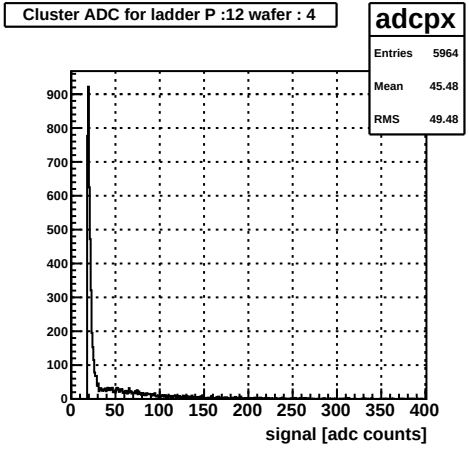

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3600
Mean 67.93
RMS 60.82
signal [adc counts]

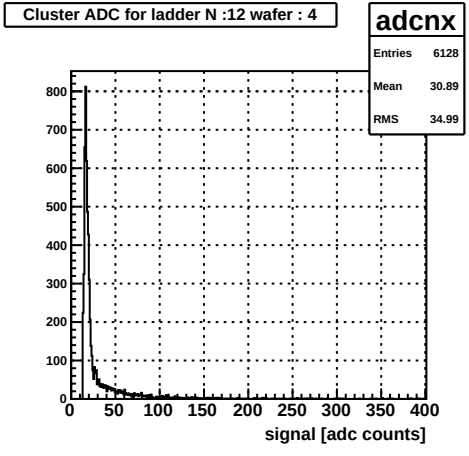

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4090
Mean 40.01
RMS 43.83
signal [adc counts]

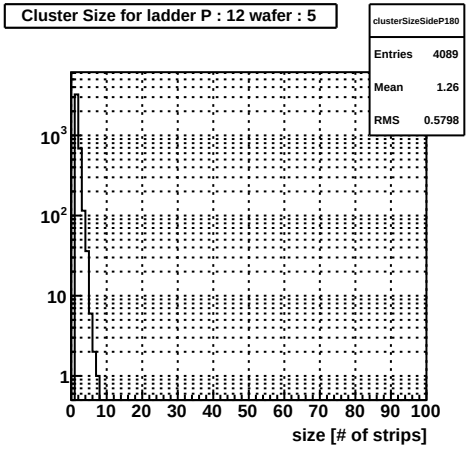

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5964
Mean 1.189
RMS 0.5057
size [# of strips]

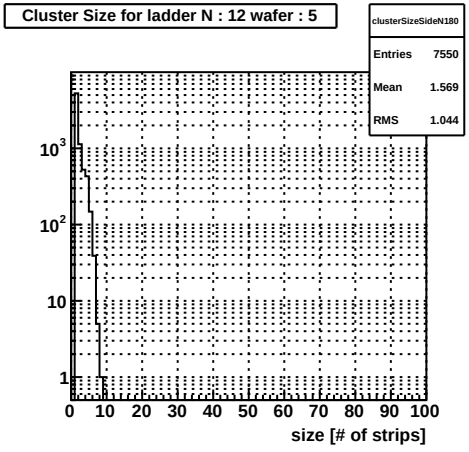

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6128
Mean 1.203
RMS 0.5557
size [# of strips]

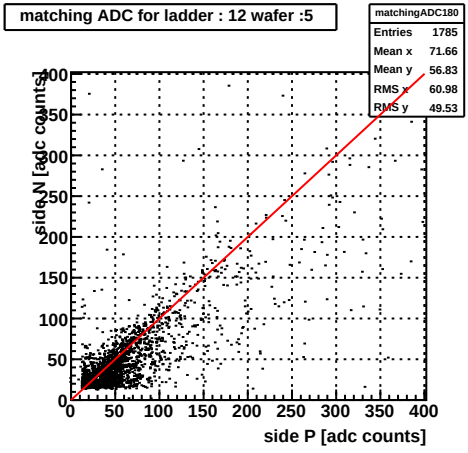

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1711
Mean x 69.01
Mean y 53.83
RMS x 58.79
RMS y 47.89
side N [adc counts]
side P [adc counts]

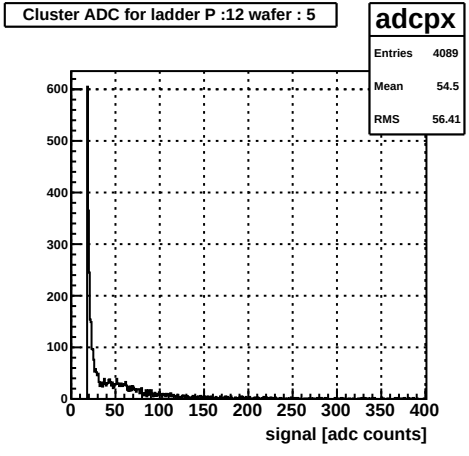

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5964
Mean 45.48
RMS 49.48
signal [adc counts]

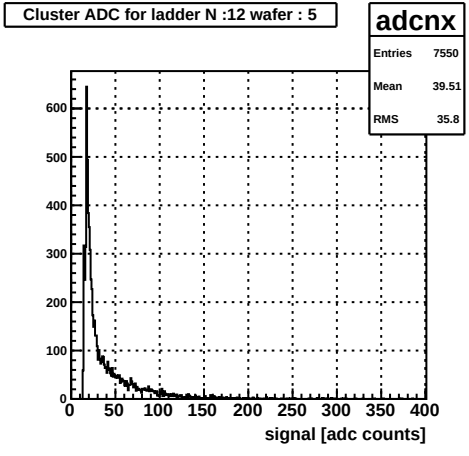

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6128
Mean 30.89
RMS 34.99
signal [adc counts]

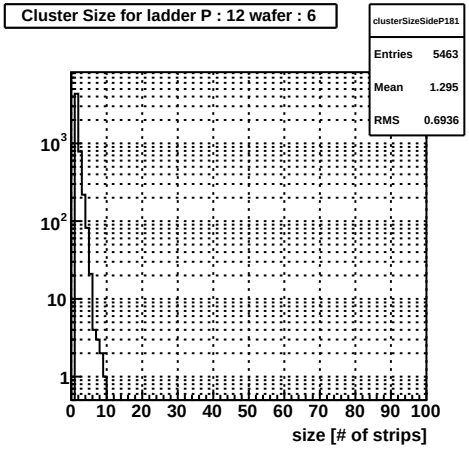

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 4089
Mean 1.26
RMS 0.5798
size [# of strips]

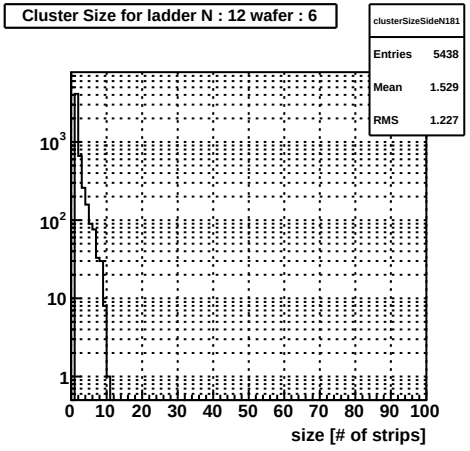

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7550
Mean 1.569
RMS 1.044
size [# of strips]

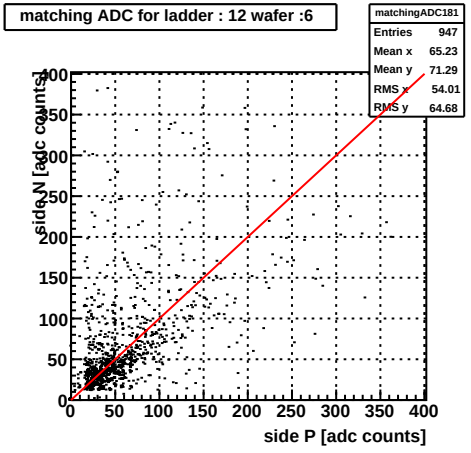

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1785
Mean x 71.66
Mean y 56.83
RMS x 60.98
RMS y 49.53
side N [adc counts]
side P [adc counts]

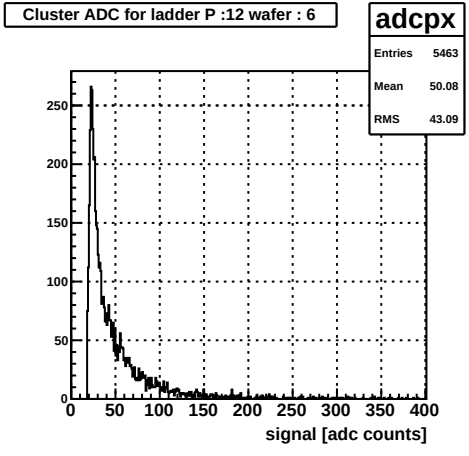

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 4089
Mean 54.5
RMS 56.41
signal [adc counts]

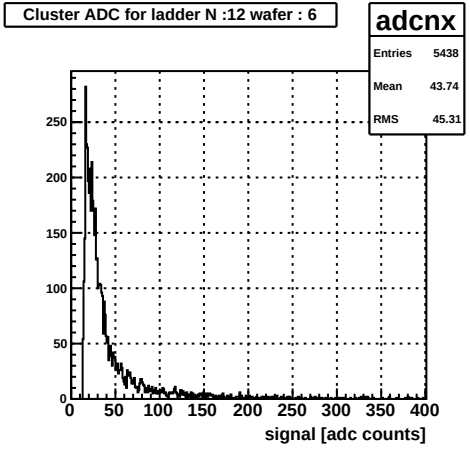

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7550
Mean 39.51
RMS 35.8
signal [adc counts]

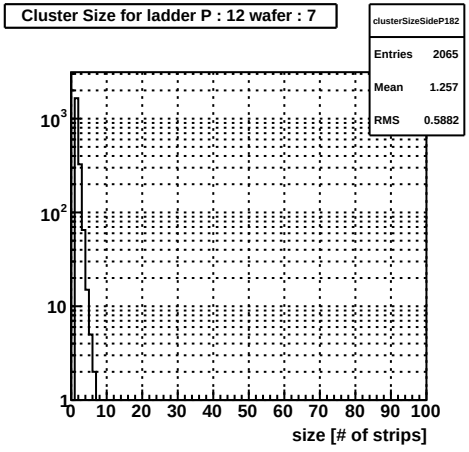

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 5463
Mean 1.295
RMS 0.6936
size [# of strips]

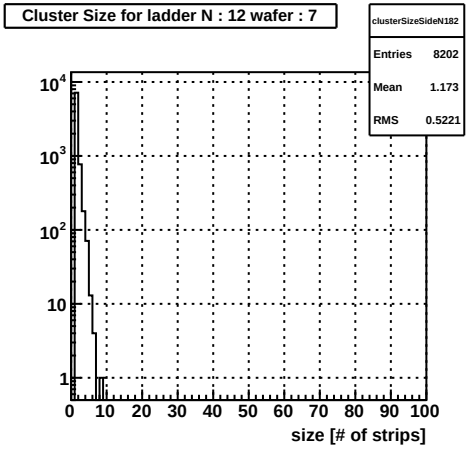

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5438
Mean 1.529
RMS 1.227
size [# of strips]

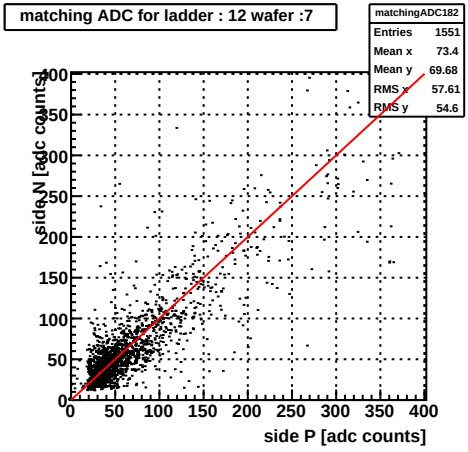

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 947
Mean x 65.23
Mean y 71.29
RMS x 54.01
RMS y 64.68
side N [adc counts]
side P [adc counts]

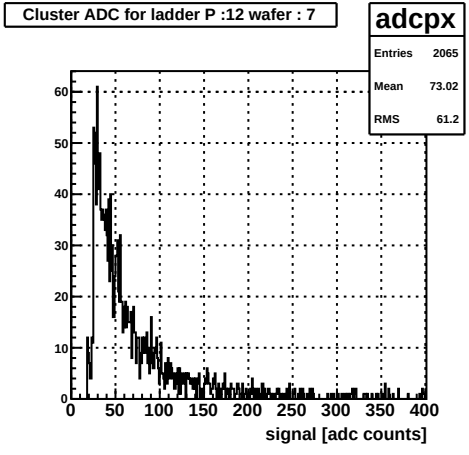

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 5463
Mean 50.08
RMS 43.09
signal [adc counts]

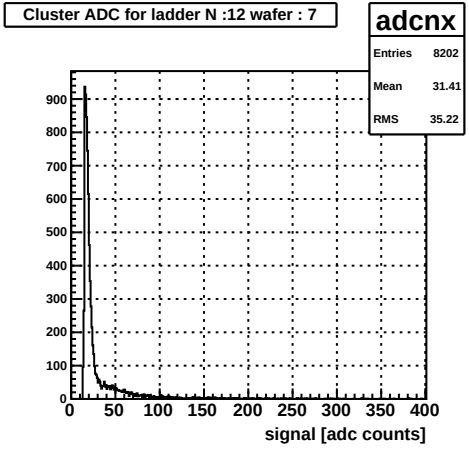

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5438
Mean 43.74
RMS 45.31
signal [adc counts]

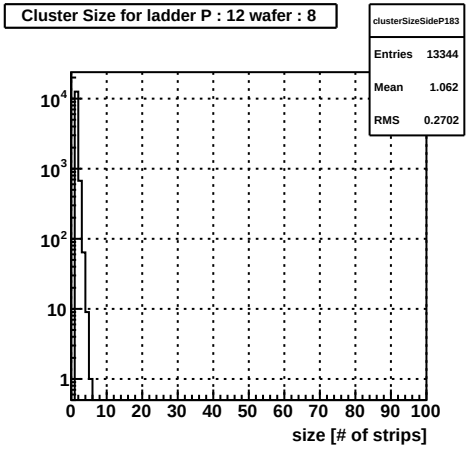

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2065
Mean 1.257
RMS 0.5882
size [# of strips]

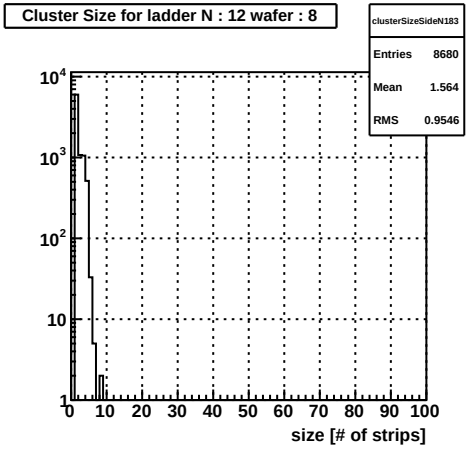

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 8202
Mean 1.173
RMS 0.5221
size [# of strips]

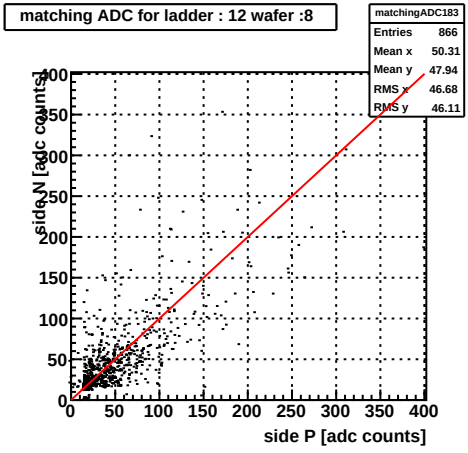

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1551
Mean x 73.4
Mean y 69.68
RMS x 57.61
RMS y 54.6
side N [adc counts]
side P [adc counts]

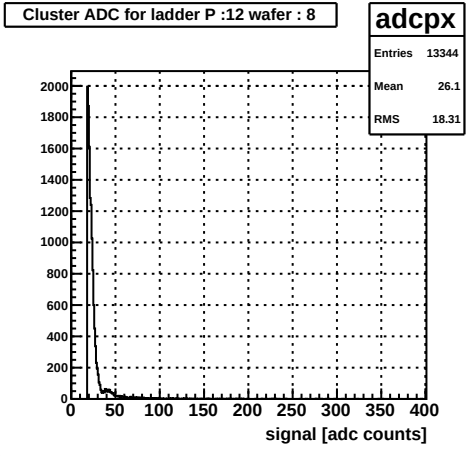

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2065
Mean 73.02
RMS 61.2
signal [adc counts]

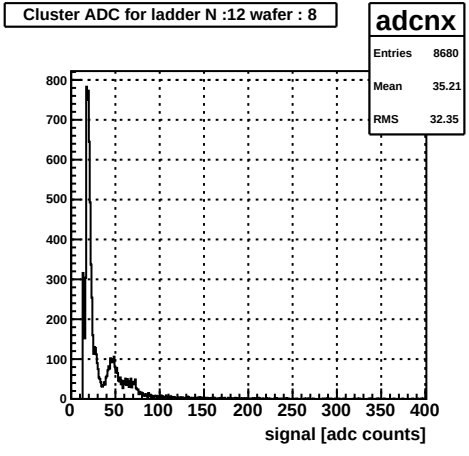

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 8202
Mean 31.41
RMS 35.22
signal [adc counts]

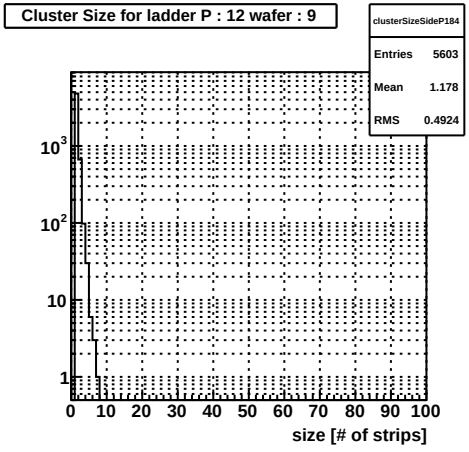

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 13344
Mean 1.062
RMS 0.2702
size [# of strips]

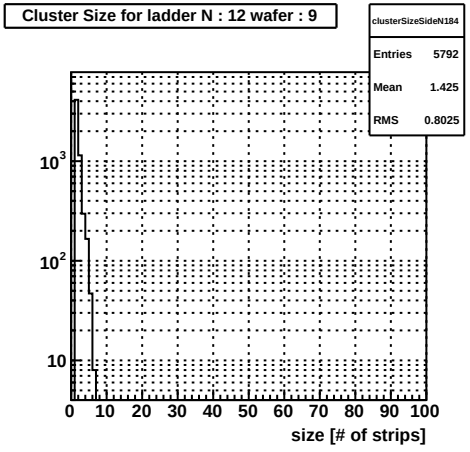

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8680
Mean 1.564
RMS 0.9546
size [# of strips]

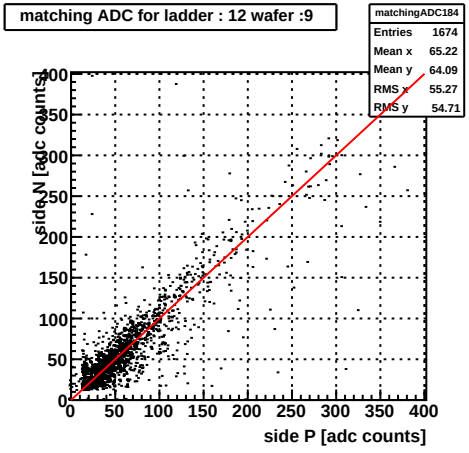

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 866
Mean x 50.31
Mean y 47.94
RMS x 46.68
RMS y 46.11
side N [adc counts]
side P [adc counts]

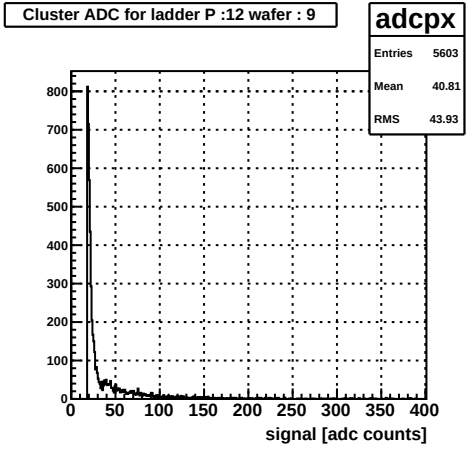

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 13344
Mean 26.1
RMS 18.31
signal [adc counts]

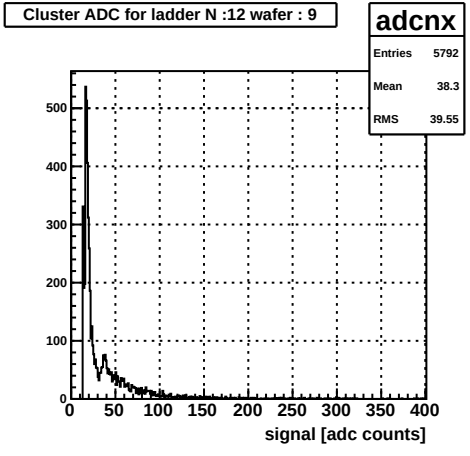

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8680
Mean 35.21
RMS 32.35
signal [adc counts]

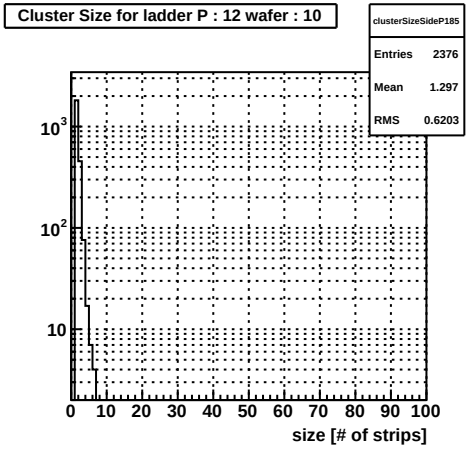

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5603
Mean 1.178
RMS 0.4924
size [# of strips]

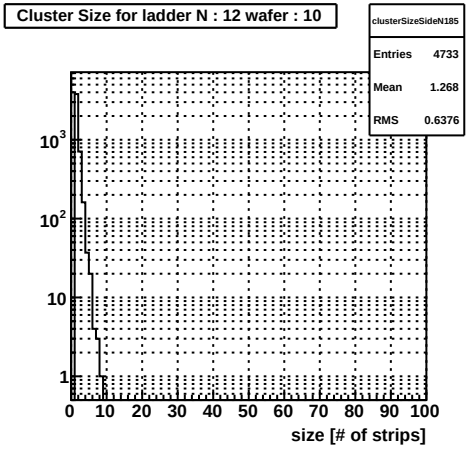

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5792
Mean 1.425
RMS 0.8025
size [# of strips]

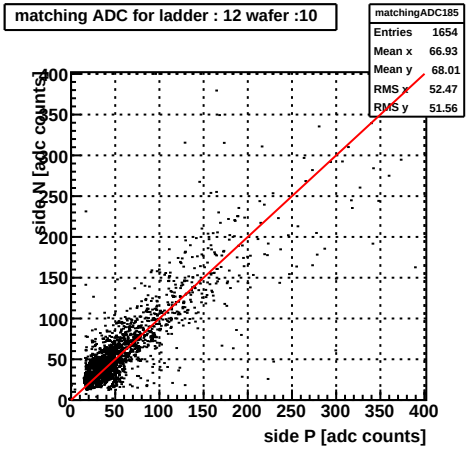

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1674
Mean x 65.22
Mean y 64.09
RMS x 55.27
RMS y 54.71
side N [adc counts]
side P [adc counts]

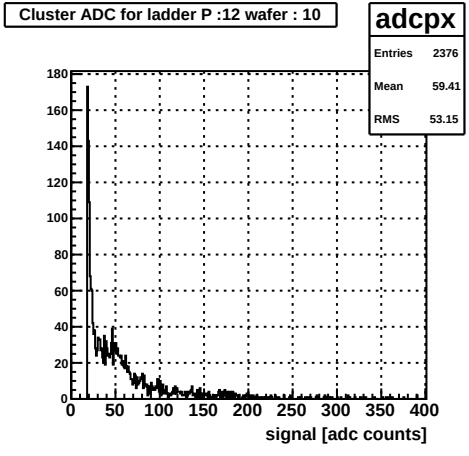

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5603
Mean 40.81
RMS 43.93
signal [adc counts]

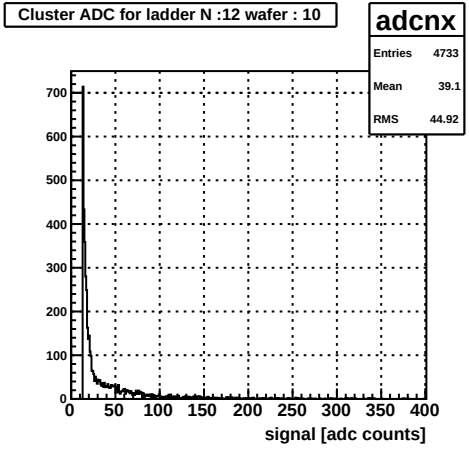

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5792
Mean 38.3
RMS 39.55
signal [adc counts]

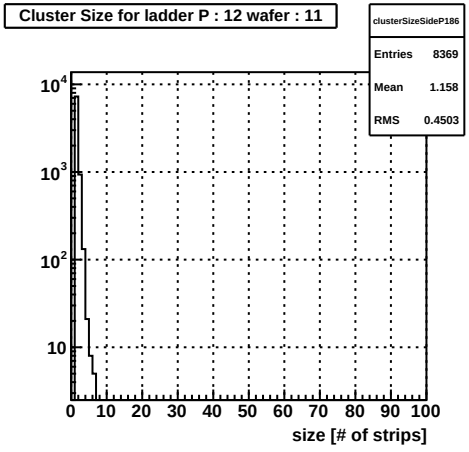

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2376
Mean 1.297
RMS 0.6203
size [# of strips]

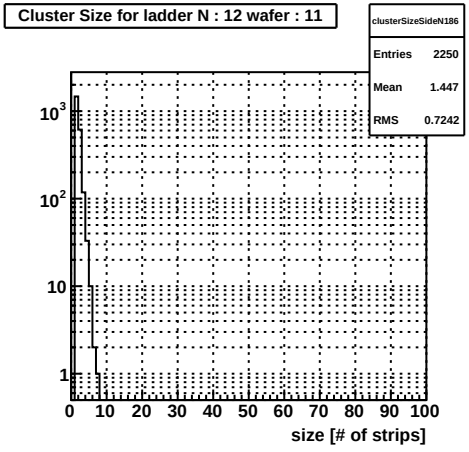

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4733
Mean 1.268
RMS 0.6376
size [# of strips]

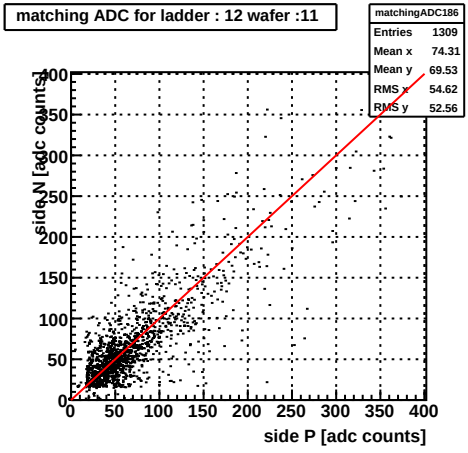

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1654
Mean x 66.93
Mean y 68.01
RMS x 52.47
RMS y 51.56
side N [adc counts]
side P [adc counts]

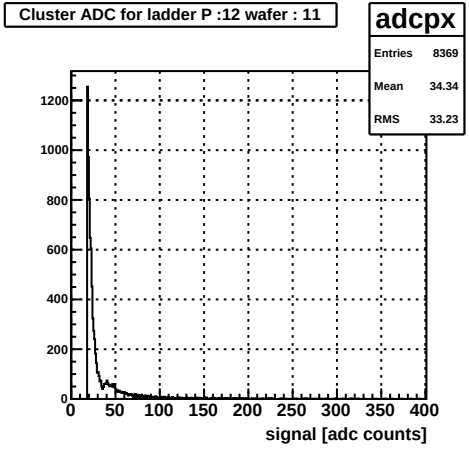

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2376
Mean 59.41
RMS 53.15
signal [adc counts]

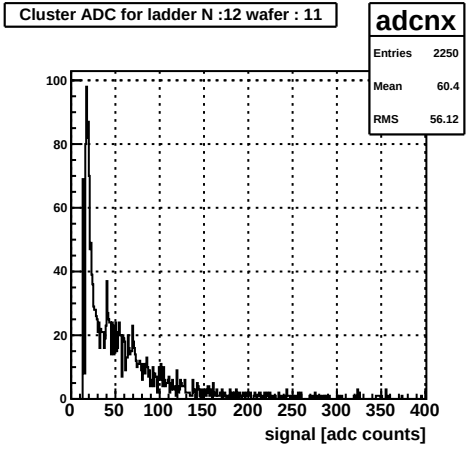

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4733
Mean 39.1
RMS 44.92
signal [adc counts]

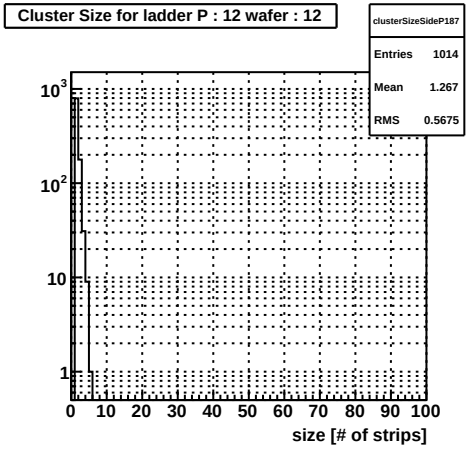

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 8369
Mean 1.158
RMS 0.4503
size [# of strips]

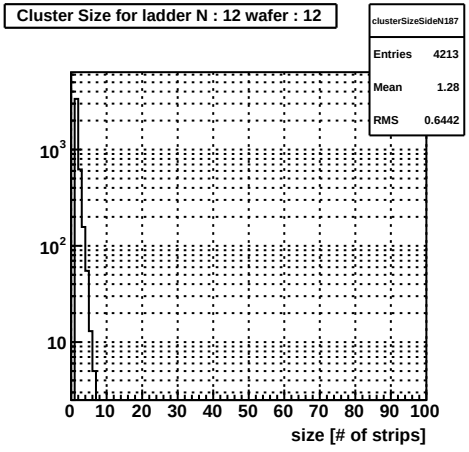

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2250
Mean 1.447
RMS 0.7242
size [# of strips]

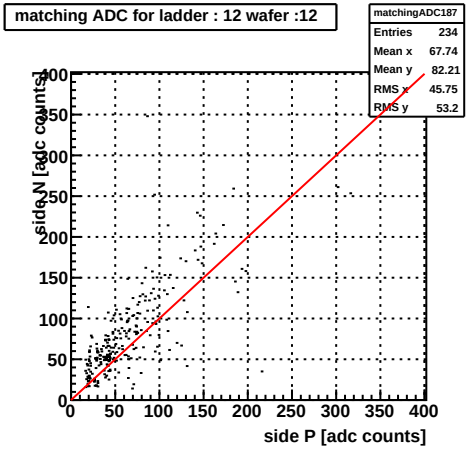

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1309
Mean x 74.31
Mean y 69.53
RMS x 54.62
RMS y 52.56
side N [adc counts]
side P [adc counts]

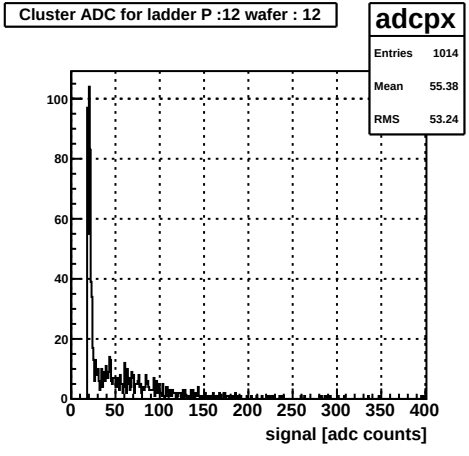

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 8369
Mean 34.34
RMS 33.23
signal [adc counts]

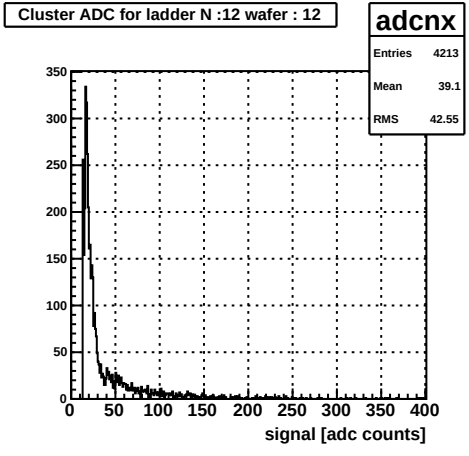

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2250
Mean 60.4
RMS 56.12
signal [adc counts]

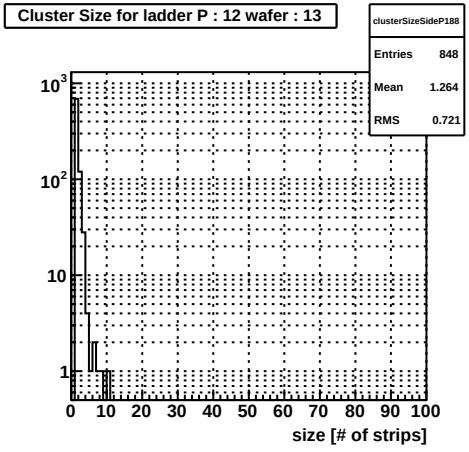

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1014
Mean 1.267
RMS 0.5675
size [# of strips]

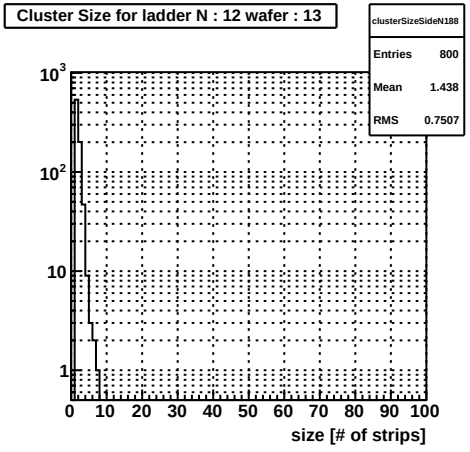

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4213
Mean 1.28
RMS 0.6442
size [# of strips]

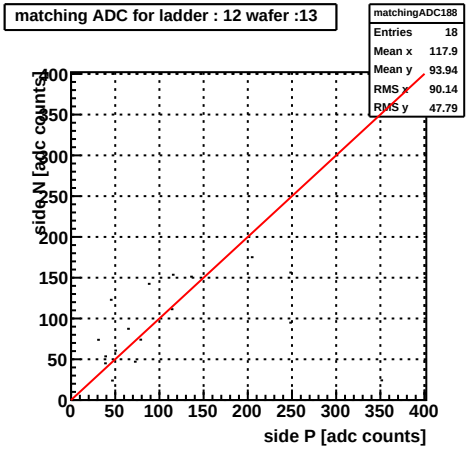

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 234
Mean x 67.74
Mean y 82.21
RMS x 45.75
RMS y 53.2
side N [adc counts]
side P [adc counts]

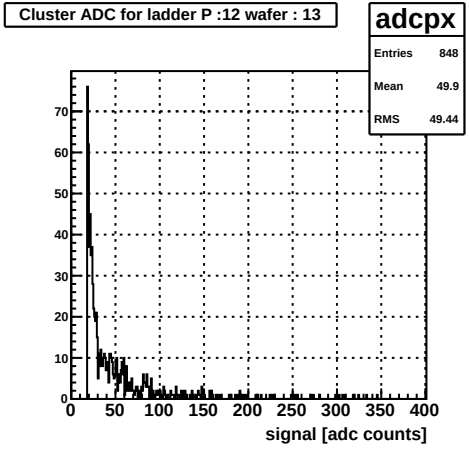

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1014
Mean 55.38
RMS 53.24
signal [adc counts]

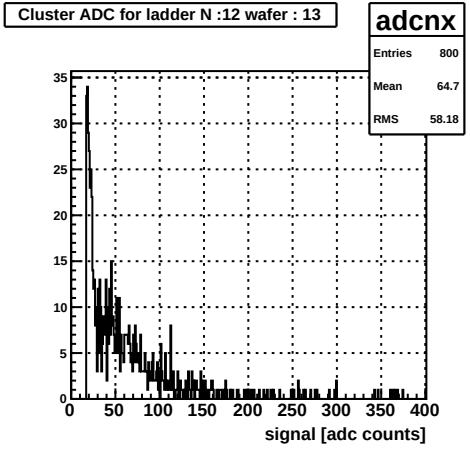

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4213
Mean 39.1
RMS 42.55
signal [adc counts]

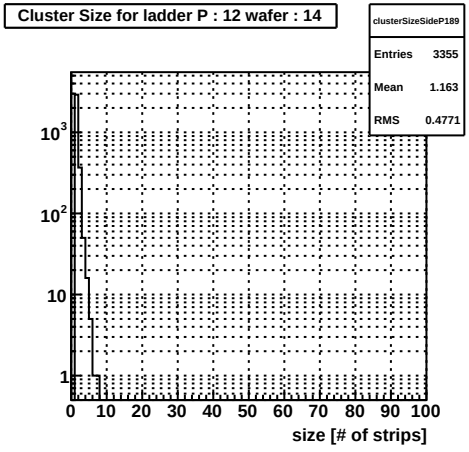

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 848
Mean 1.264
RMS 0.721
size [# of strips]

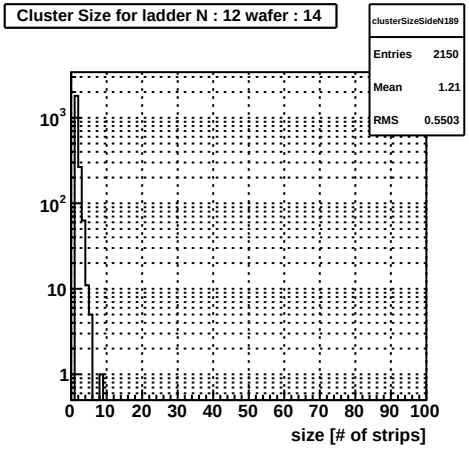

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 800
Mean 1.438
RMS 0.7507
size [# of strips]

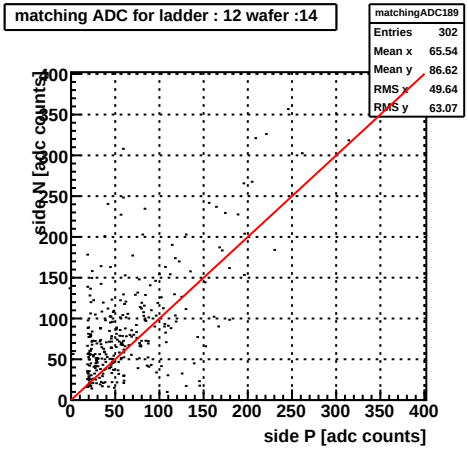

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 18
Mean x 117.9
Mean y 93.94
RMS x 90.14
RMS y 47.79
side N [adc counts]
side P [adc counts]

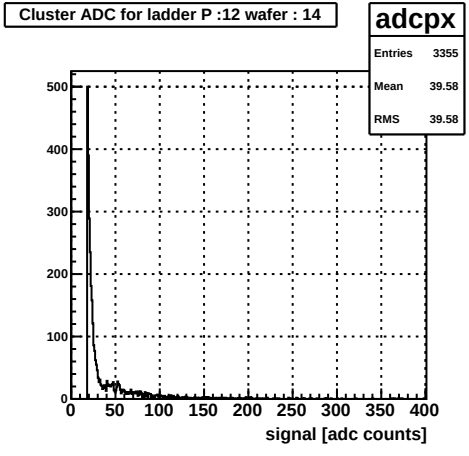

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 848
Mean 49.9
RMS 49.44
signal [adc counts]

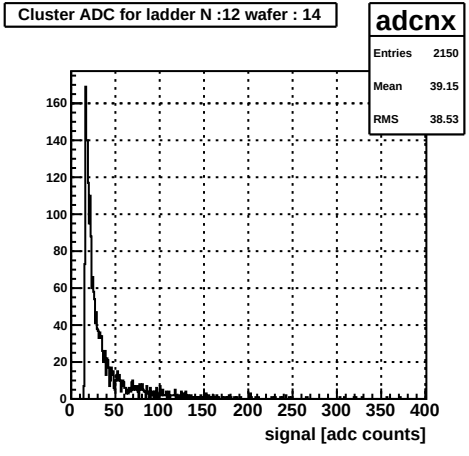

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 800
Mean 64.7
RMS 58.18
signal [adc counts]

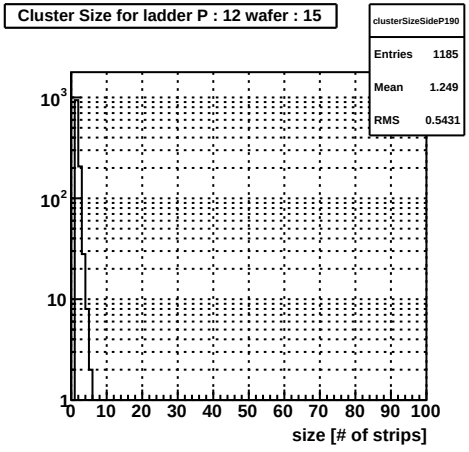

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3355
Mean 1.163
RMS 0.4771
size [# of strips]

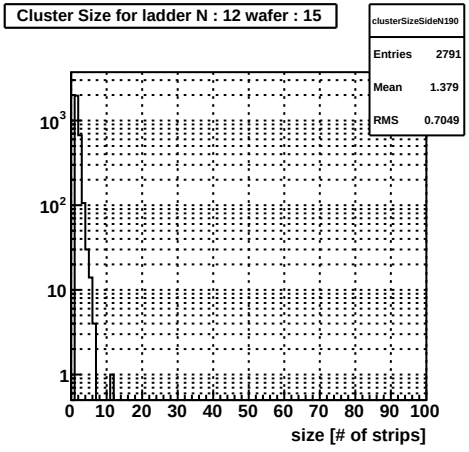

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2150
Mean 1.21
RMS 0.5503
size [# of strips]

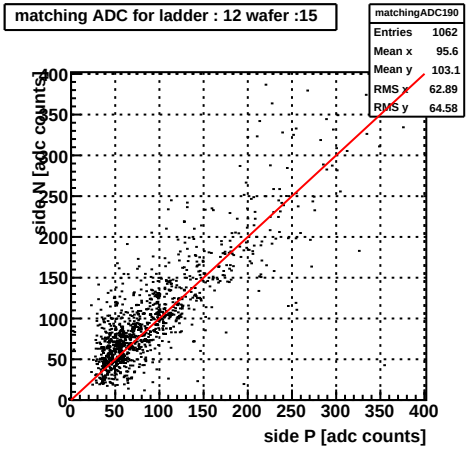

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 302
Mean x 65.54
Mean y 86.62
RMS x 49.64
RMS y 63.07
side N [adc counts]
side P [adc counts]

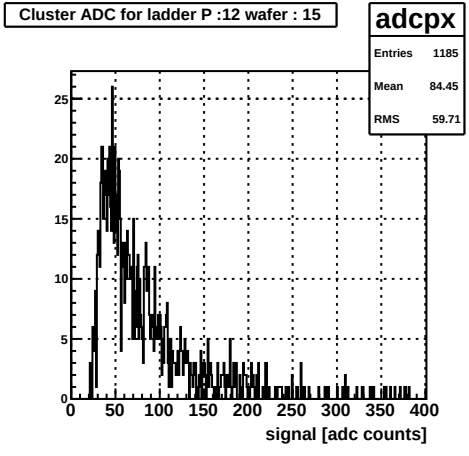

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3355
Mean 39.58
RMS 39.58
signal [adc counts]

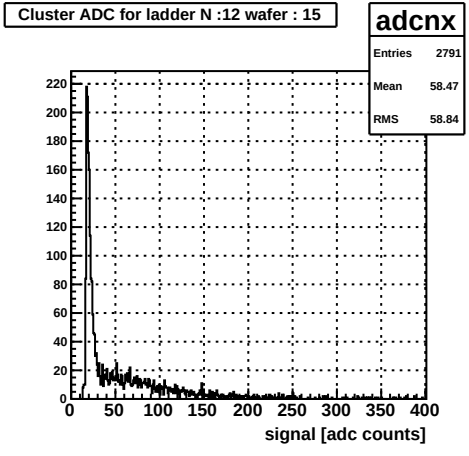

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2150
Mean 39.15
RMS 38.53
signal [adc counts]

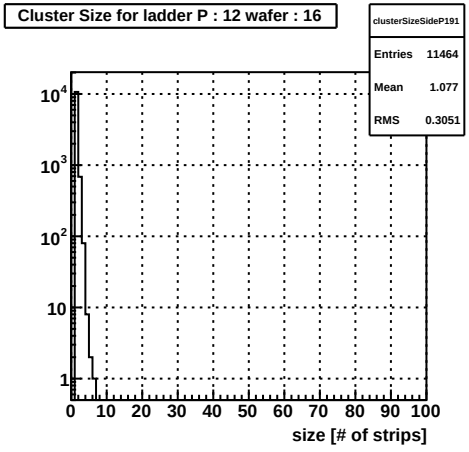

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1185
Mean 1.249
RMS 0.5431
size [# of strips]

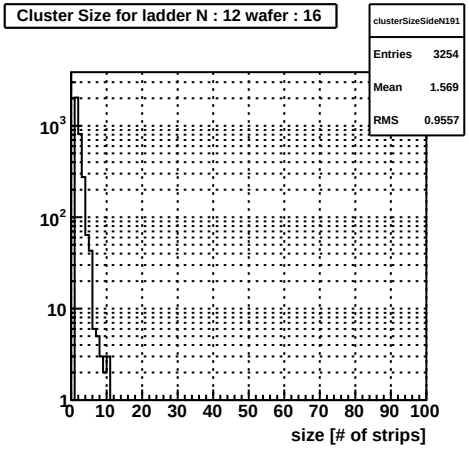

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2791
Mean 1.379
RMS 0.7049
size [# of strips]

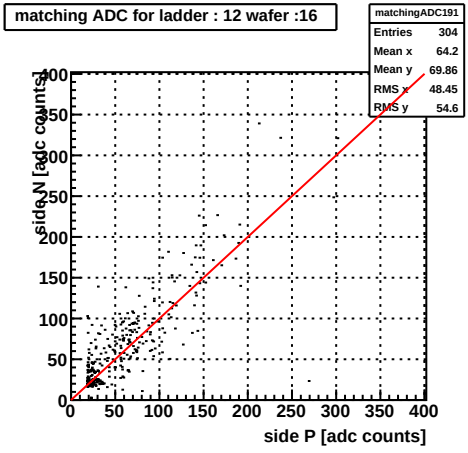

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1062
Mean x 95.6
Mean y 103.1
RMS x 62.89
RMS y 64.58
side N [adc counts]
side P [adc counts]

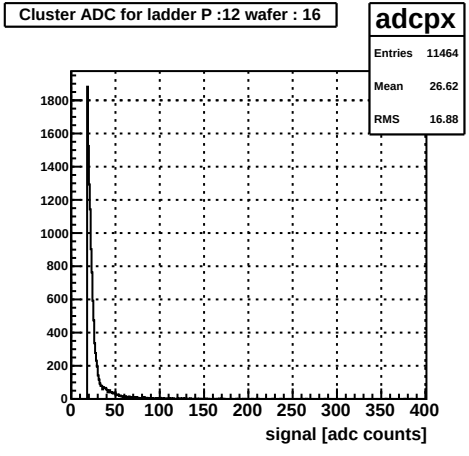

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1185
Mean 84.45
RMS 59.71
signal [adc counts]

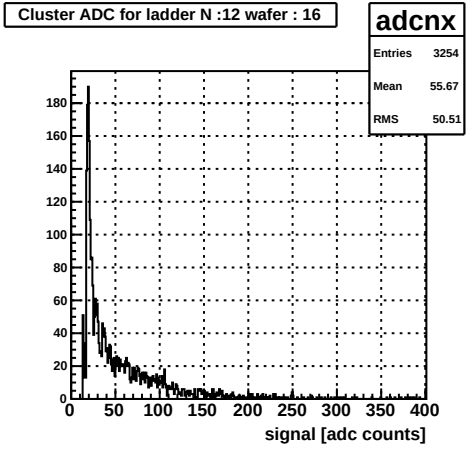

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2791
Mean 58.47
RMS 58.84
signal [adc counts]

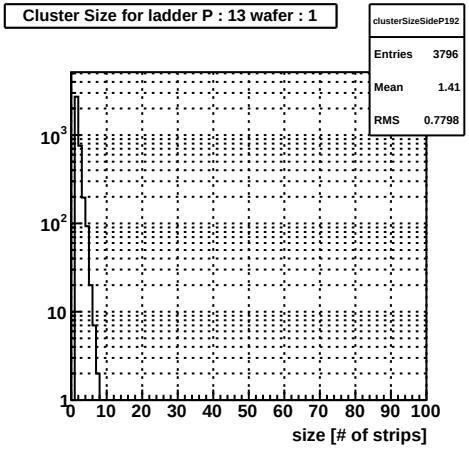

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 11464
Mean 1.077
RMS 0.3051
size [# of strips]

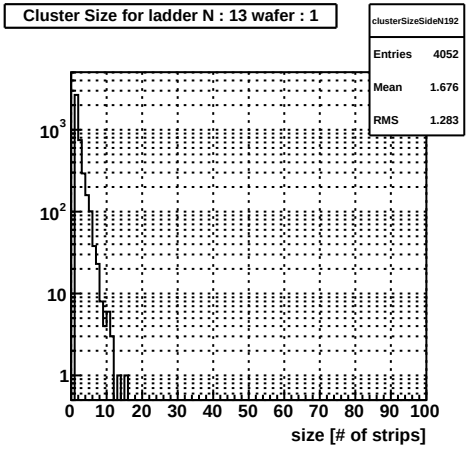

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3254
Mean 1.569
RMS 0.9557
size [# of strips]

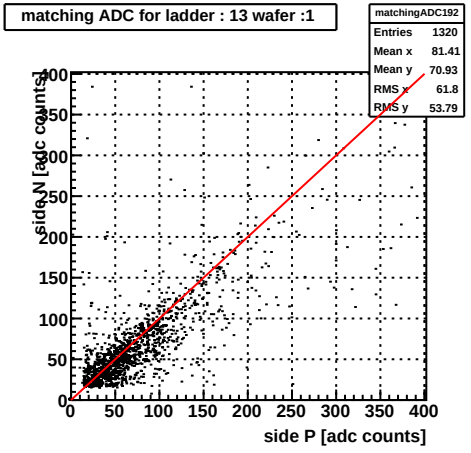

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 304
Mean x 64.2
Mean y 69.86
RMS x 48.45
RMS y 54.6
side N [adc counts]
side P [adc counts]

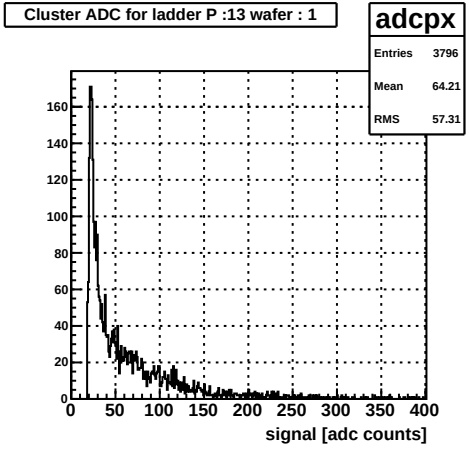

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 11464
Mean 26.62
RMS 16.88
signal [adc counts]

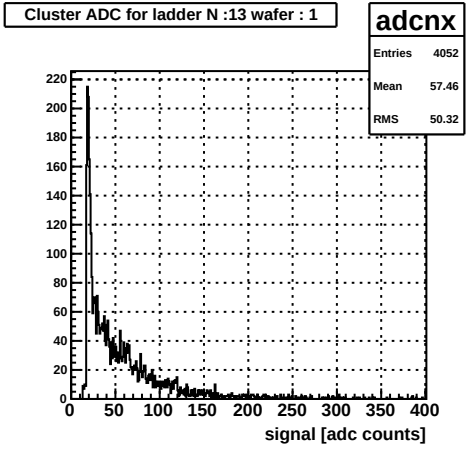

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3254
Mean 55.67
RMS 50.51
signal [adc counts]

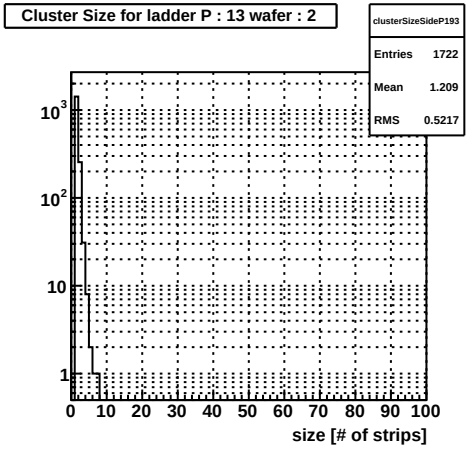

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 3796
Mean 1.41
RMS 0.7798
size [# of strips]

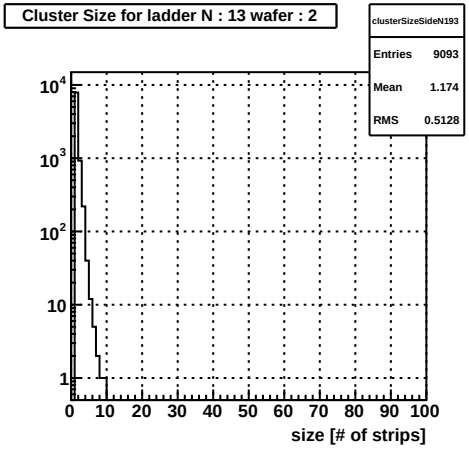

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 4052
Mean 1.676
RMS 1.283
size [# of strips]

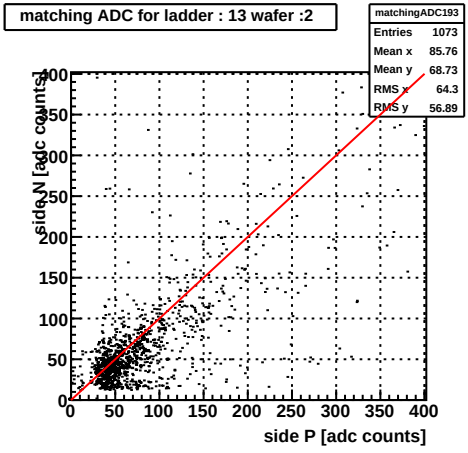

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1320
Mean x 81.41
Mean y 70.93
RMS x 61.8
RMS y 53.79
side N [adc counts]
side P [adc counts]

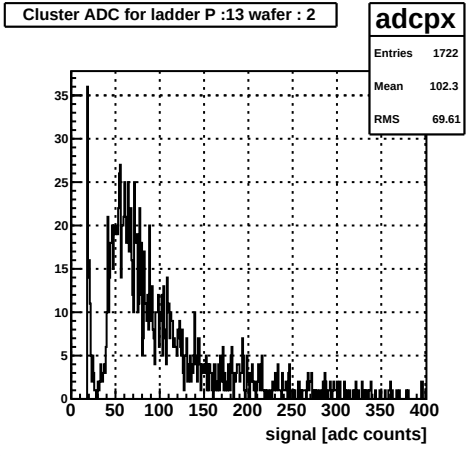

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 3796
Mean 64.21
RMS 57.31
signal [adc counts]

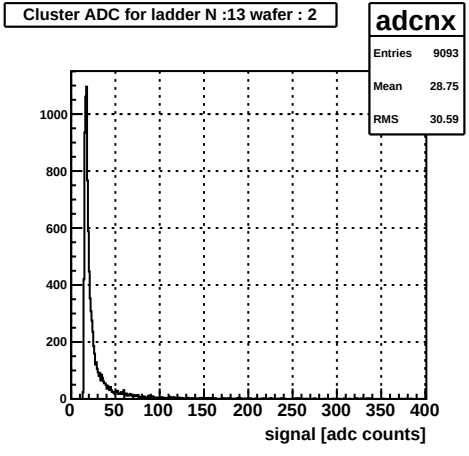

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 4052
Mean 57.46
RMS 50.32
signal [adc counts]

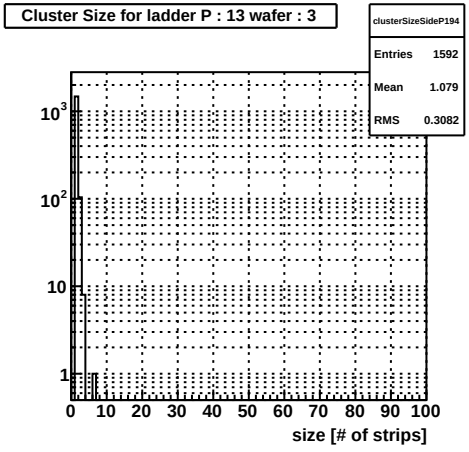

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1722
Mean 1.209
RMS 0.5217
size [# of strips]

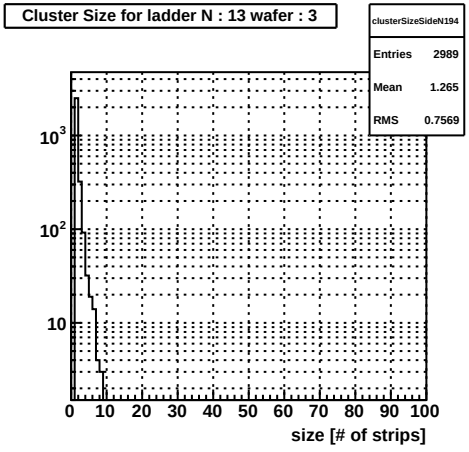

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9093
Mean 1.174
RMS 0.5128
size [# of strips]

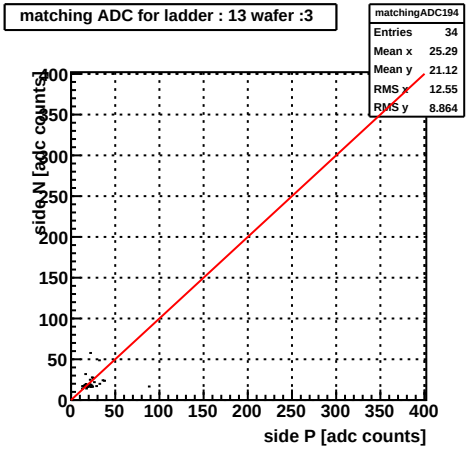

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1073
Mean x 85.76
Mean y 68.73
RMS x 64.3
RMS y 56.89
side N [adc counts]
side P [adc counts]

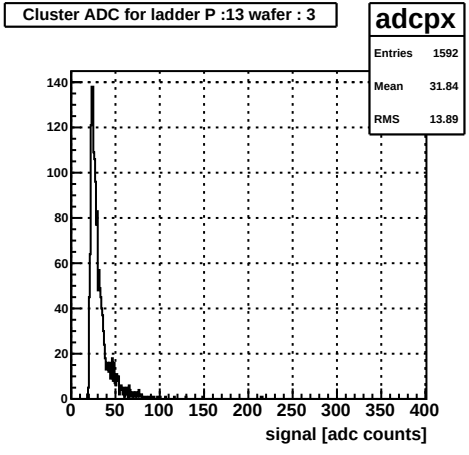

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1722
Mean 102.3
RMS 69.61
signal [adc counts]

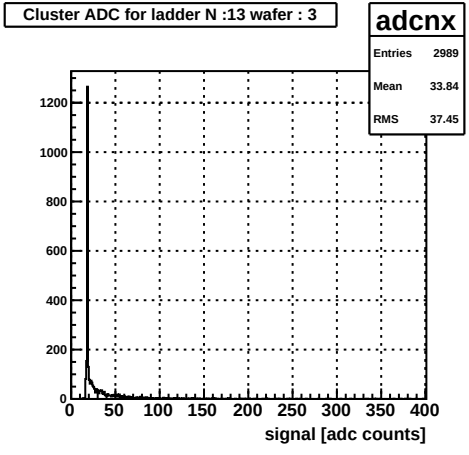

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9093
Mean 28.75
RMS 30.59
signal [adc counts]

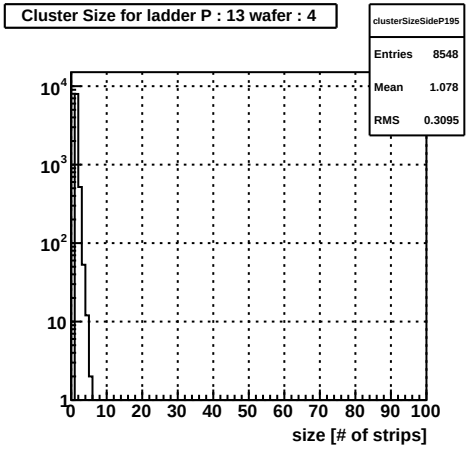

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1592
Mean 1.079
RMS 0.3082
size [# of strips]

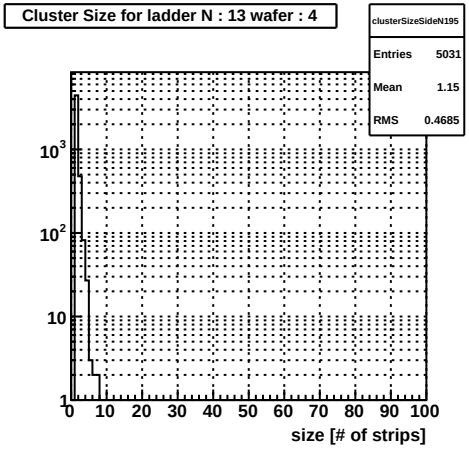

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2989
Mean 1.265
RMS 0.7569
size [# of strips]

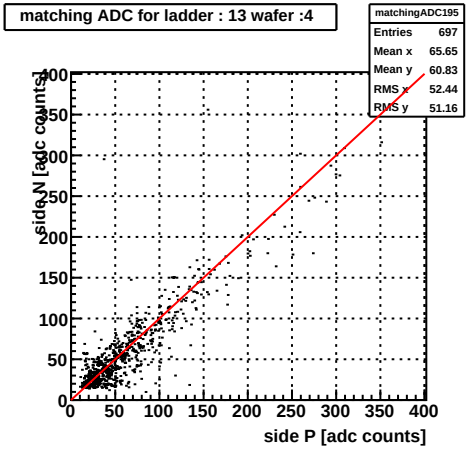

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 34
Mean x 25.29
Mean y 21.12
RMS x 12.55
RMS y 8.864
side N [adc counts]
side P [adc counts]

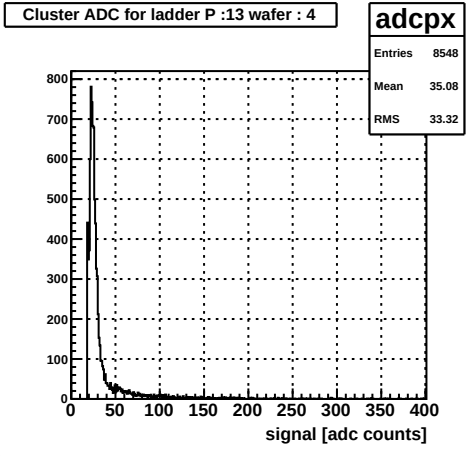

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1592
Mean 31.84
RMS 13.89
signal [adc counts]

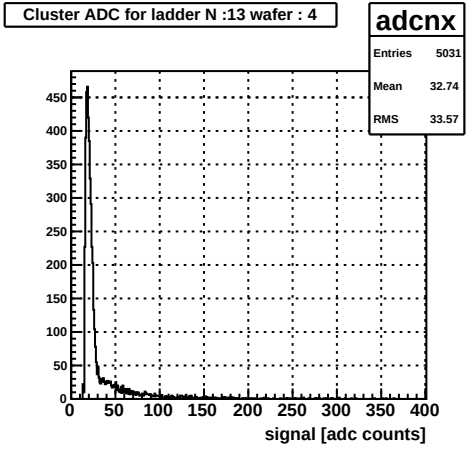

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2989
Mean 33.84
RMS 37.45
signal [adc counts]

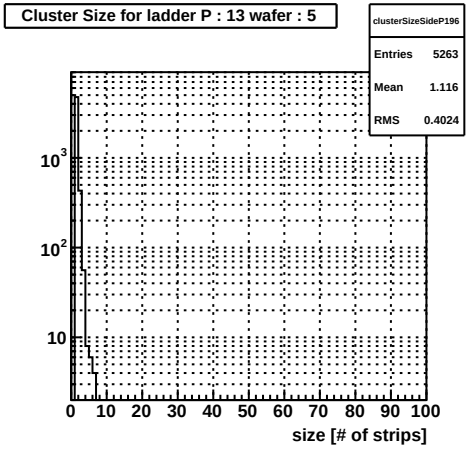

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 8548
Mean 1.078
RMS 0.3095
size [# of strips]

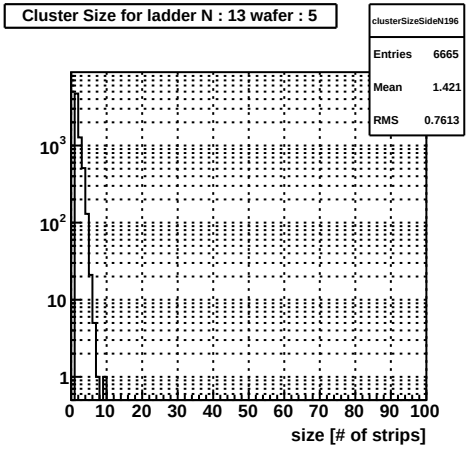

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 5031
Mean 1.15
RMS 0.4685
size [# of strips]

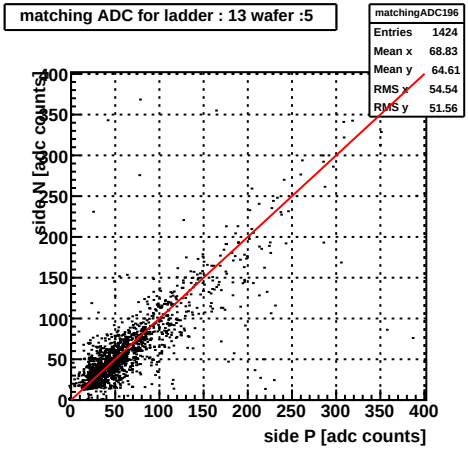

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 697
Mean x 65.65
Mean y 60.83
RMS x 52.44
RMS y 51.16
side N [adc counts]
side P [adc counts]

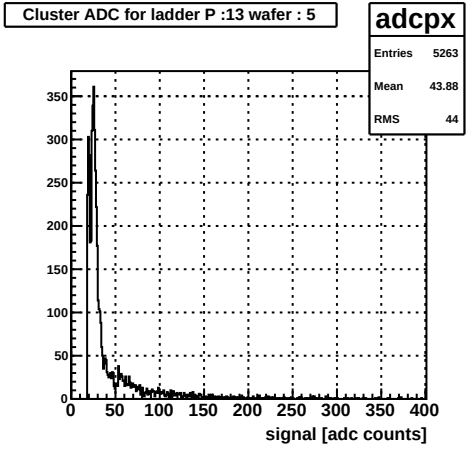

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 8548
Mean 35.08
RMS 33.32
signal [adc counts]

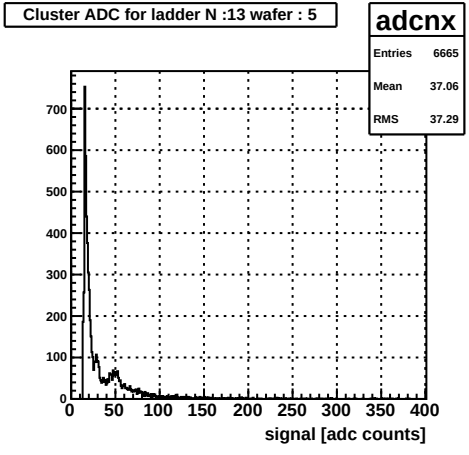

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 5031
Mean 32.74
RMS 33.57
signal [adc counts]

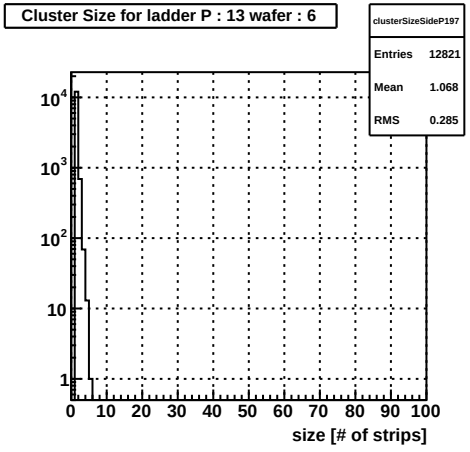

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5263
Mean 1.116
RMS 0.4024
size [# of strips]

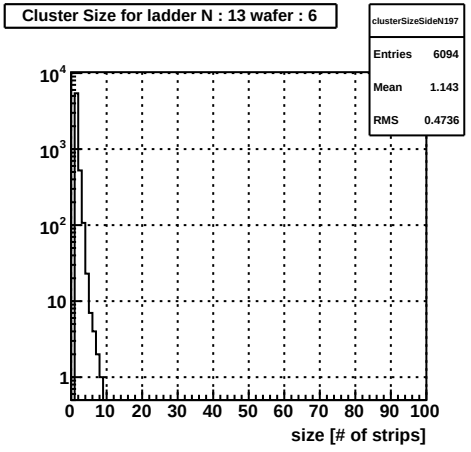

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6665
Mean 1.421
RMS 0.7613
size [# of strips]

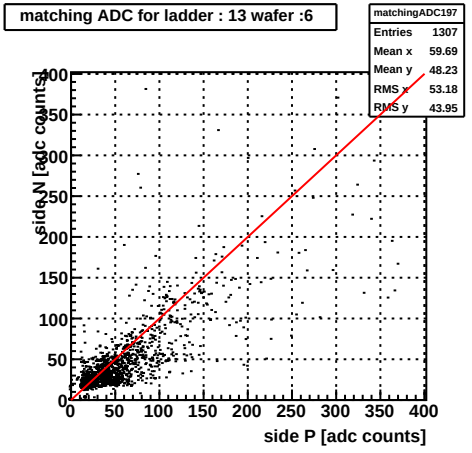

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1424
Mean x 68.83
Mean y 64.61
RMS x 54.54
RMS y 51.56
side N [adc counts]
side P [adc counts]

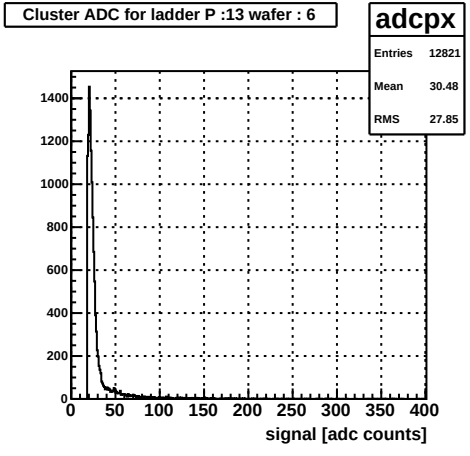

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5263
Mean 43.88
RMS 44
signal [adc counts]

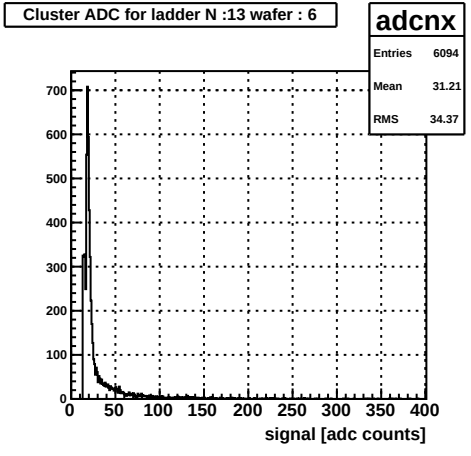

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6665
Mean 37.06
RMS 37.29
signal [adc counts]

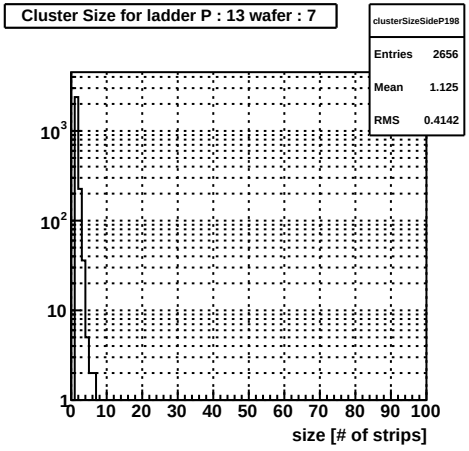

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12821
Mean 1.068
RMS 0.285
size [# of strips]

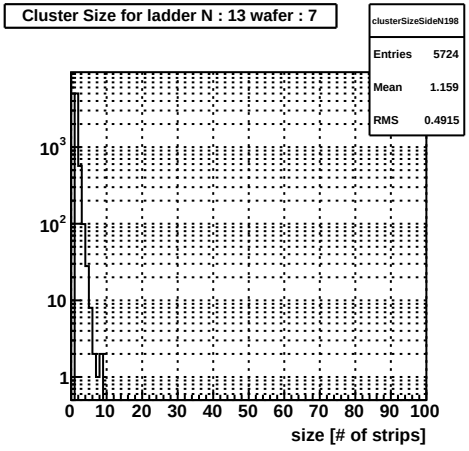

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 6094
Mean 1.143
RMS 0.4736
size [# of strips]

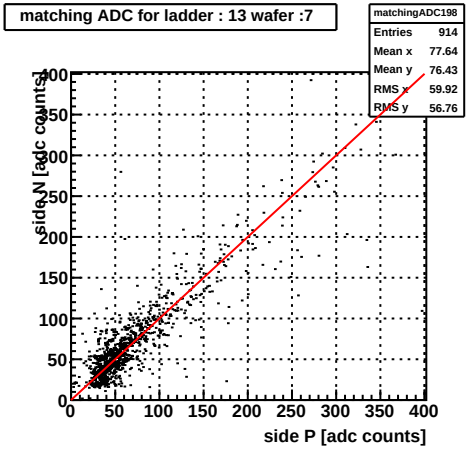

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1307
Mean x 59.69
Mean y 48.23
RMS x 53.18
RMS y 43.95
side N [adc counts]
side P [adc counts]

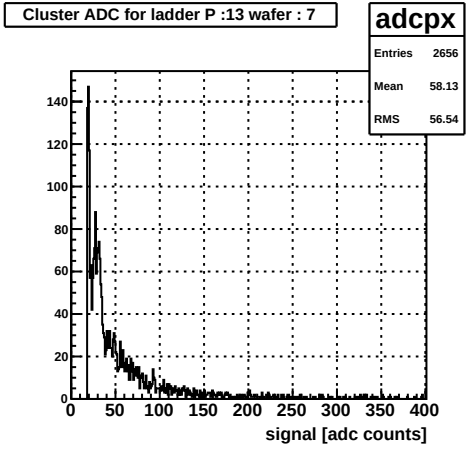

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12821
Mean 30.48
RMS 27.85
signal [adc counts]

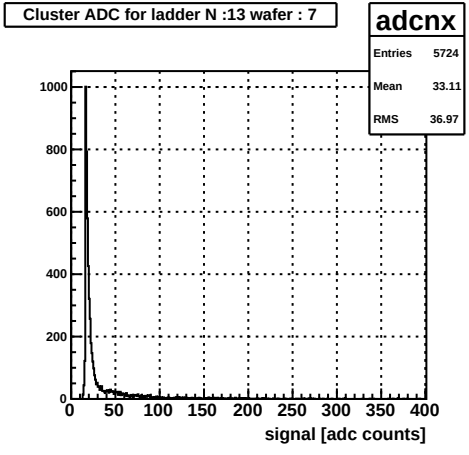

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 6094
Mean 31.21
RMS 34.37
signal [adc counts]

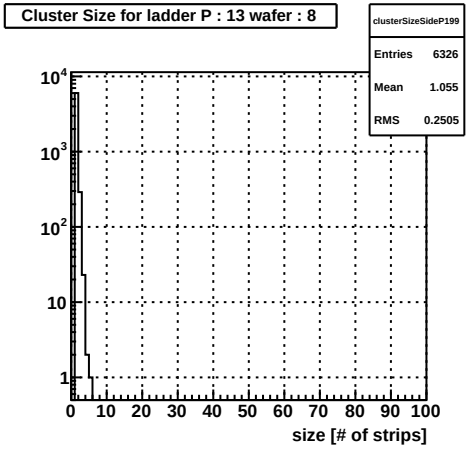

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2656
Mean 1.125
RMS 0.4142
size [# of strips]

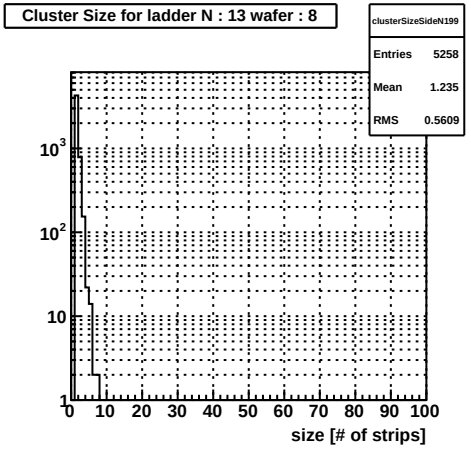

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 5724
Mean 1.159
RMS 0.4915
size [# of strips]

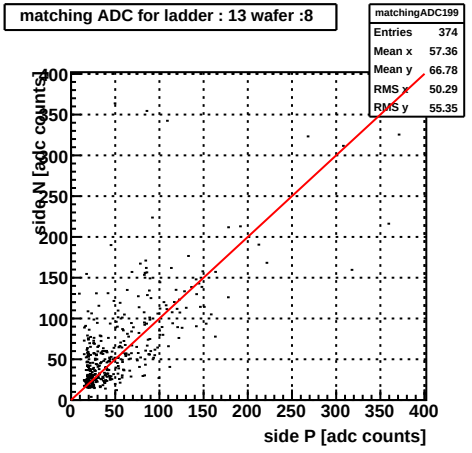

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 914
Mean x 77.64
Mean y 76.43
RMS x 59.92
RMS y 56.76
side N [adc counts]
side P [adc counts]

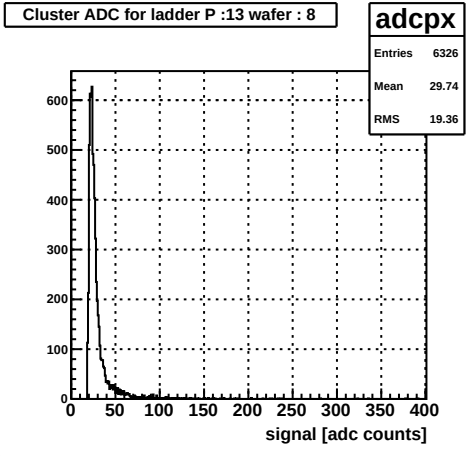

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2656
Mean 58.13
RMS 56.54
signal [adc counts]

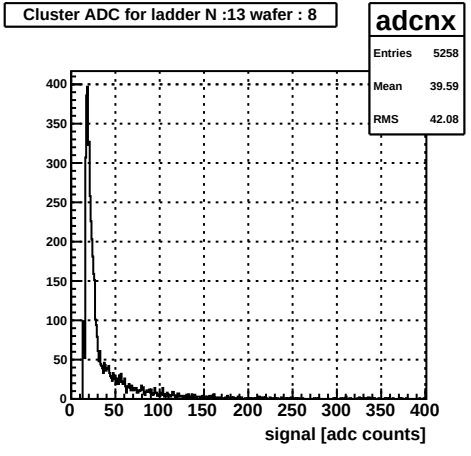

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 5724
Mean 33.11
RMS 36.97
signal [adc counts]

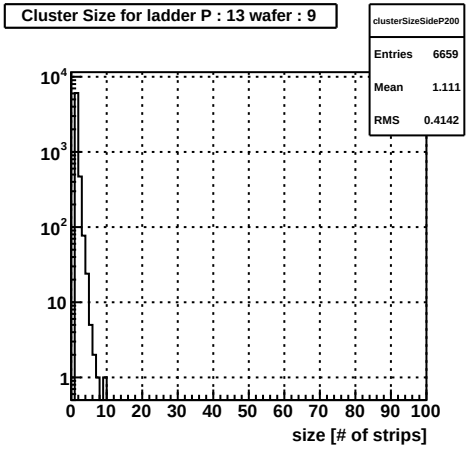

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6326
Mean 1.055
RMS 0.2505
size [# of strips]

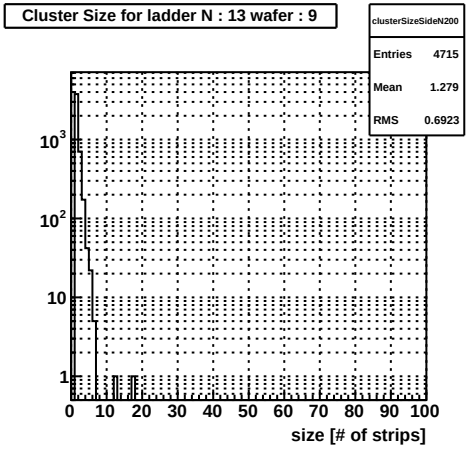

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5258
Mean 1.235
RMS 0.5609
size [# of strips]

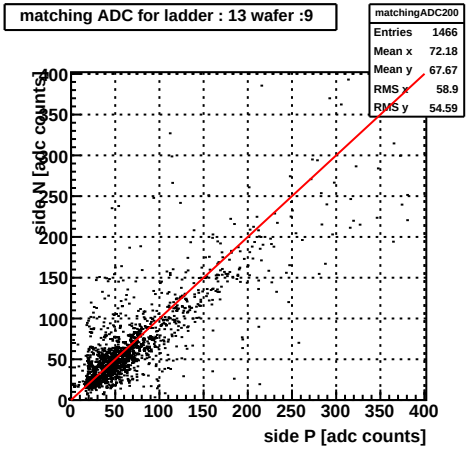

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 374
Mean x 57.36
Mean y 66.78
RMS x 50.29
RMS y 55.35
side N [adc counts]
side P [adc counts]

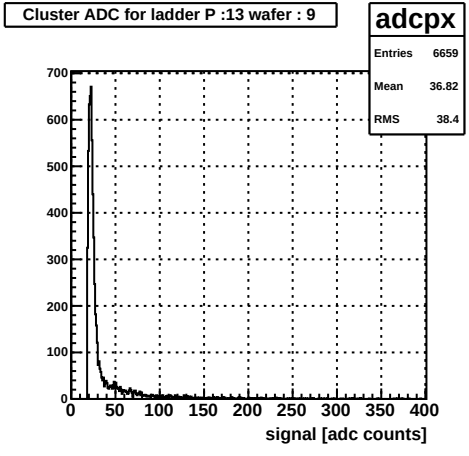

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6326
Mean 29.74
RMS 19.36
signal [adc counts]

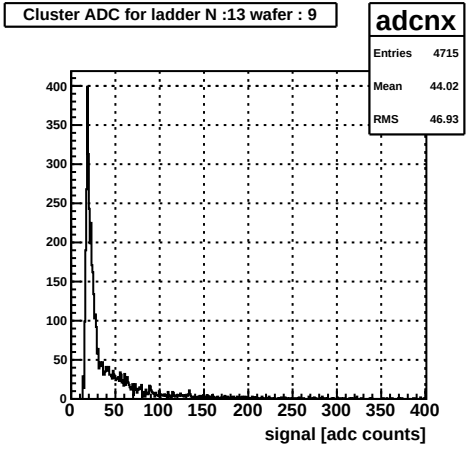

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5258
Mean 39.59
RMS 42.08
signal [adc counts]

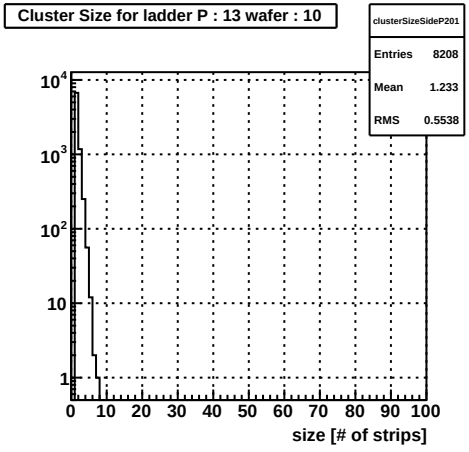

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6659
Mean 1.111
RMS 0.4142
size [# of strips]

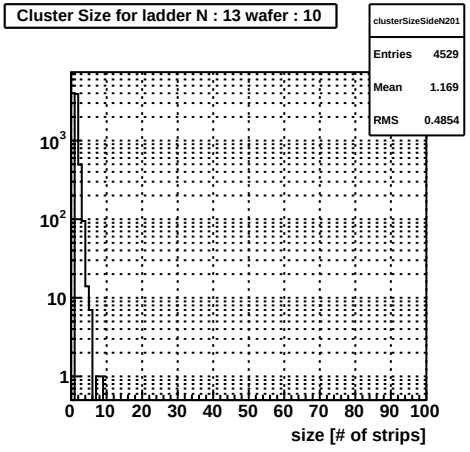

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4715
Mean 1.279
RMS 0.6923
size [# of strips]

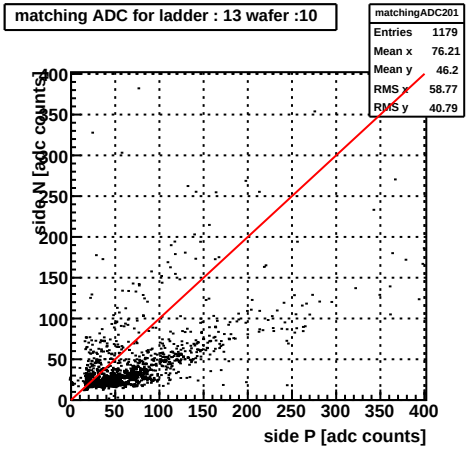

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1466
Mean x 72.18
Mean y 67.67
RMS x 58.9
RMS y 54.59
side N [adc counts]
side P [adc counts]

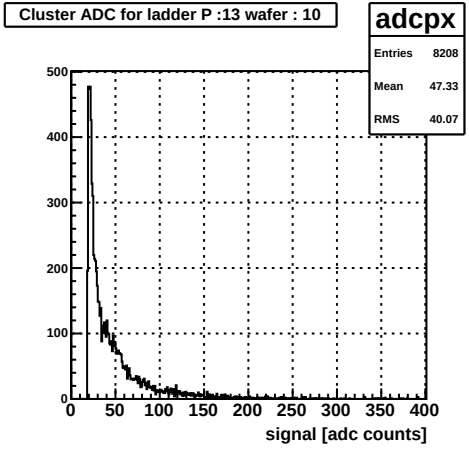

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6659
Mean 36.82
RMS 38.4
signal [adc counts]

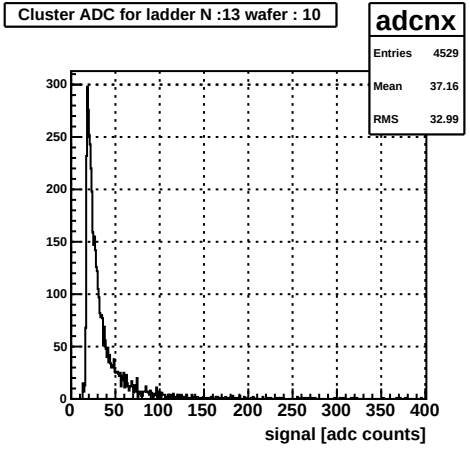

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4715
Mean 44.02
RMS 46.93
signal [adc counts]

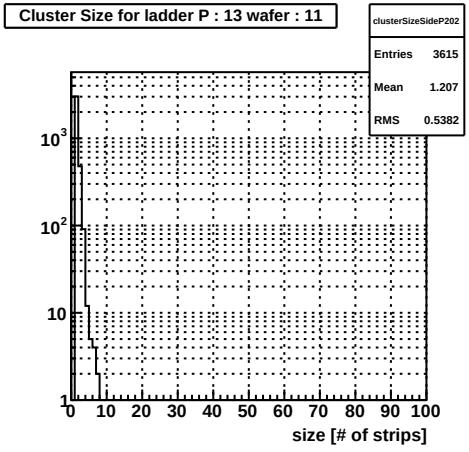

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 8208
Mean 1.233
RMS 0.5538
size [# of strips]

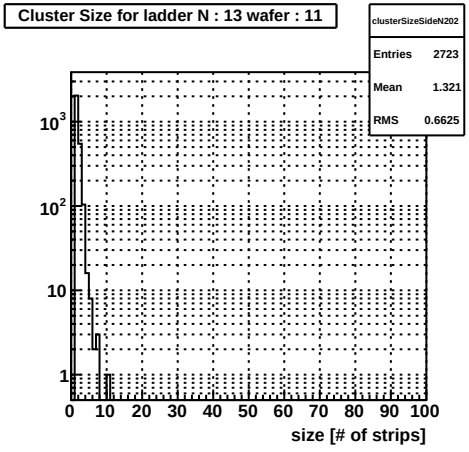

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4529
Mean 1.169
RMS 0.4854
size [# of strips]

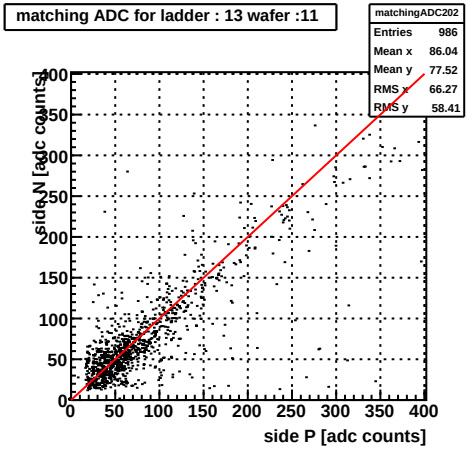

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1179
Mean x 76.21
Mean y 46.2
RMS x 58.77
RMS y 40.79
side N [adc counts]
side P [adc counts]

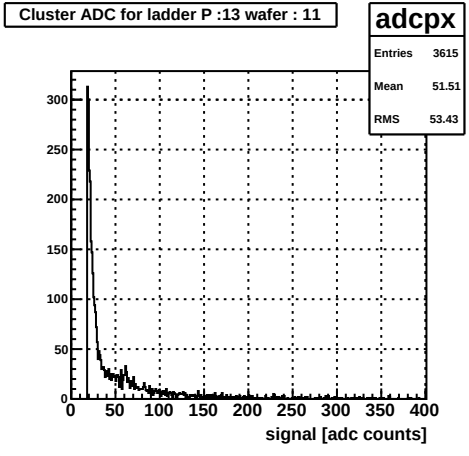

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 8208
Mean 47.33
RMS 40.07
signal [adc counts]

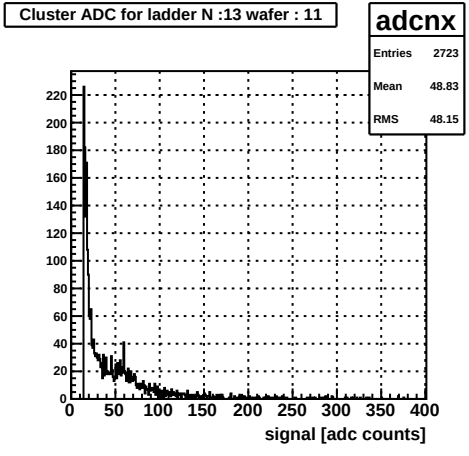

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4529
Mean 37.16
RMS 32.99
signal [adc counts]

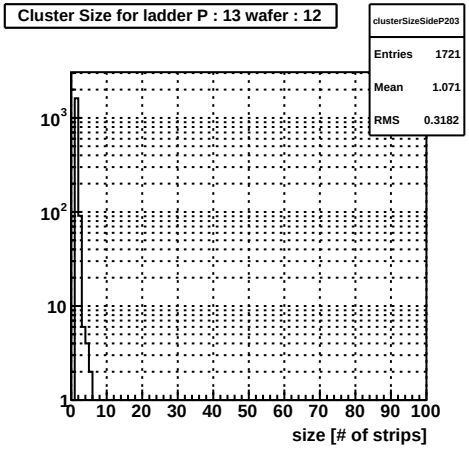

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3615
Mean 1.207
RMS 0.5382
size [# of strips]

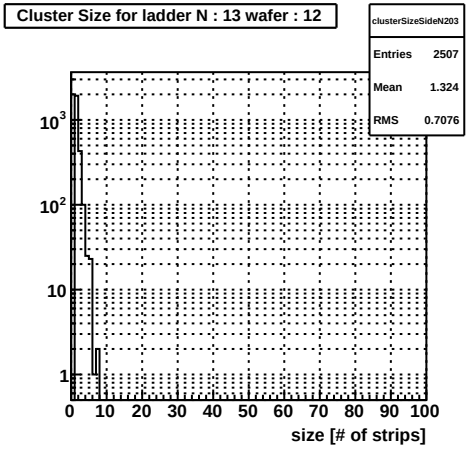

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2723
Mean 1.321
RMS 0.6625
size [# of strips]

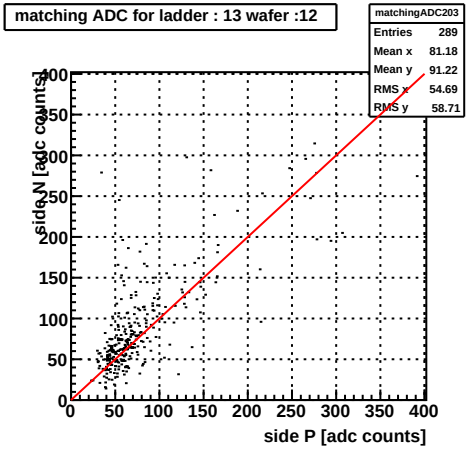

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 986
Mean x 86.04
Mean y 77.52
RMS x 66.27
RMS y 58.41
side N [adc counts]
side P [adc counts]

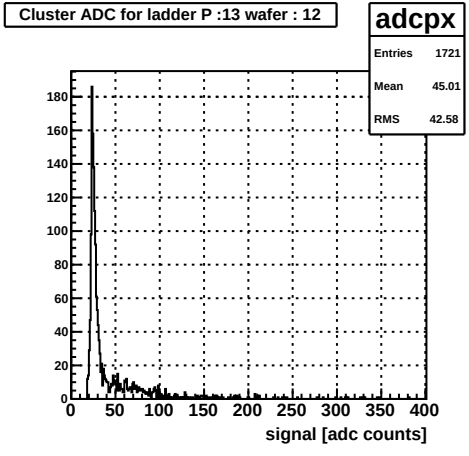

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3615
Mean 51.51
RMS 53.43
signal [adc counts]

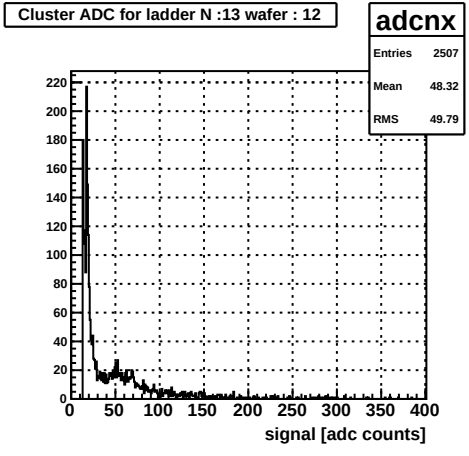

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2723
Mean 48.83
RMS 48.15
signal [adc counts]

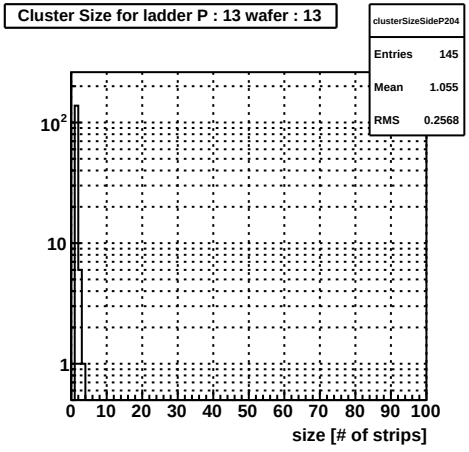

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1721
Mean 1.071
RMS 0.3182
size [# of strips]

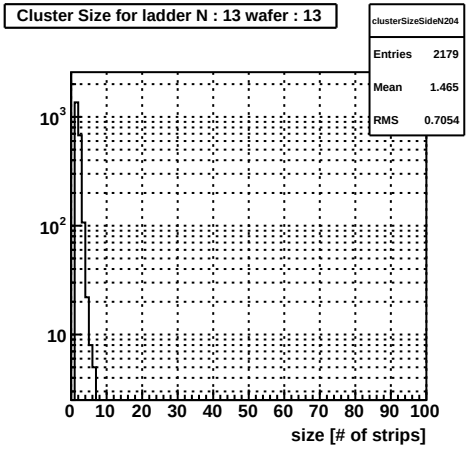

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2507
Mean 1.324
RMS 0.7076
size [# of strips]

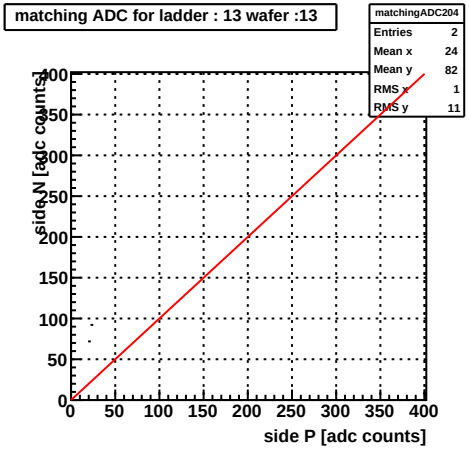

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 289
Mean x 81.18
Mean y 91.22
RMS x 54.69
RMS y 58.71
side N [adc counts]
side P [adc counts]

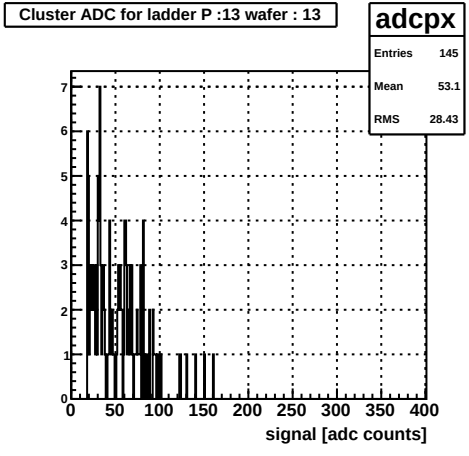

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1721
Mean 45.01
RMS 42.58
signal [adc counts]

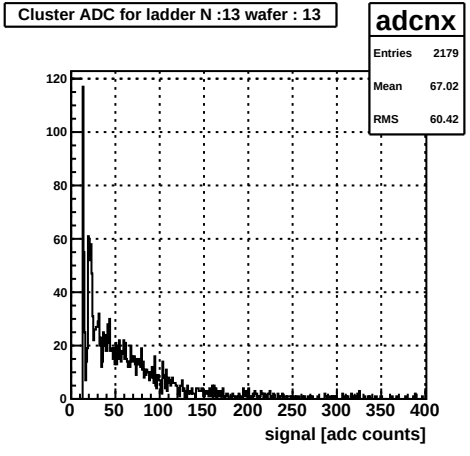

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2507
Mean 48.32
RMS 49.79
signal [adc counts]

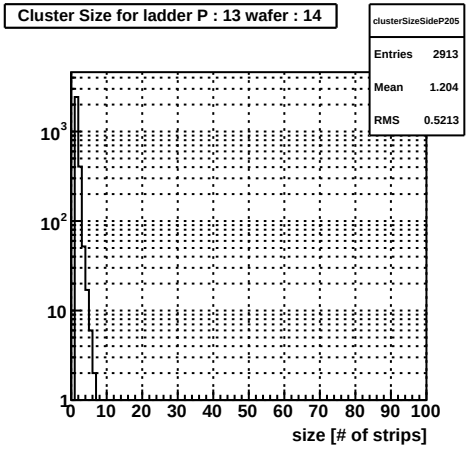

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 145
Mean 1.055
RMS 0.2568
size [# of strips]

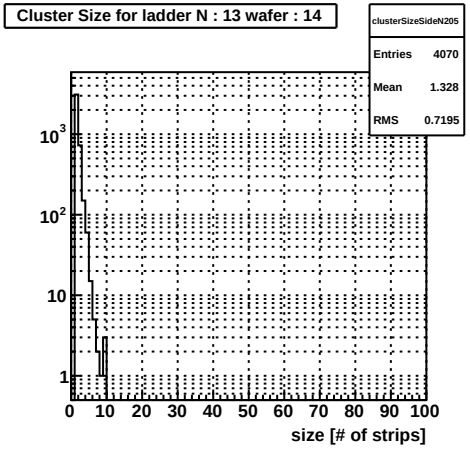

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2179
Mean 1.465
RMS 0.7054
size [# of strips]

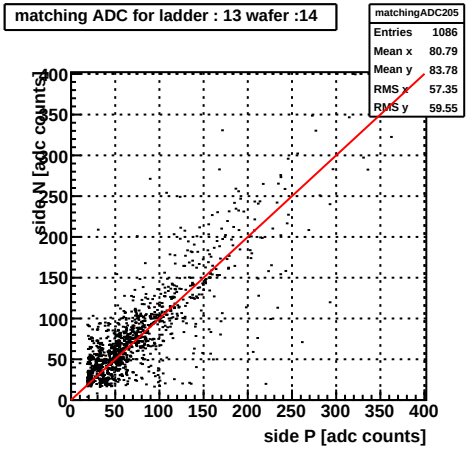

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 24
Mean y 82
RMS x 1
RMS y 11
side N [adc counts]
side P [adc counts]

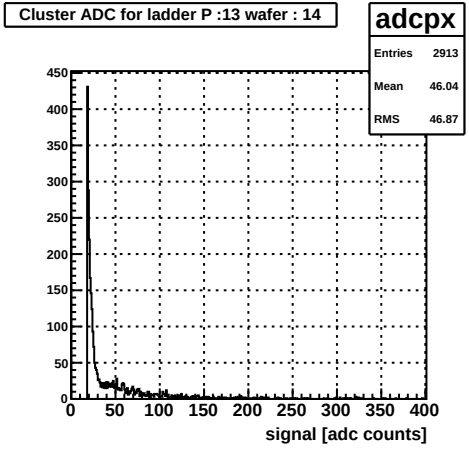

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 145
Mean 53.1
RMS 28.43
signal [adc counts]

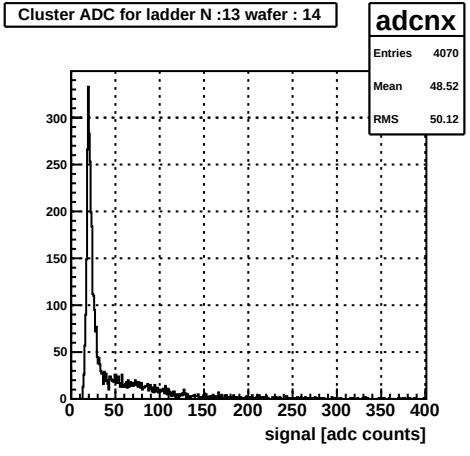

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2179
Mean 67.02
RMS 60.42
signal [adc counts]

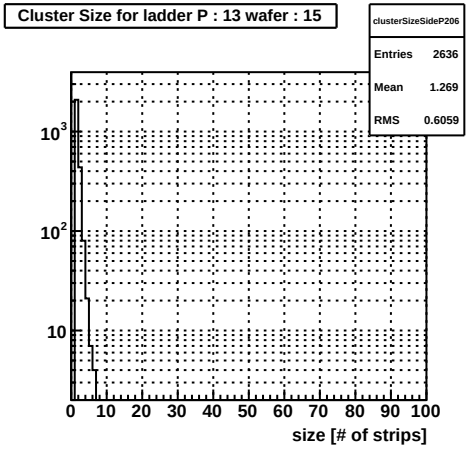

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2913
Mean 1.204
RMS 0.5213
size [# of strips]

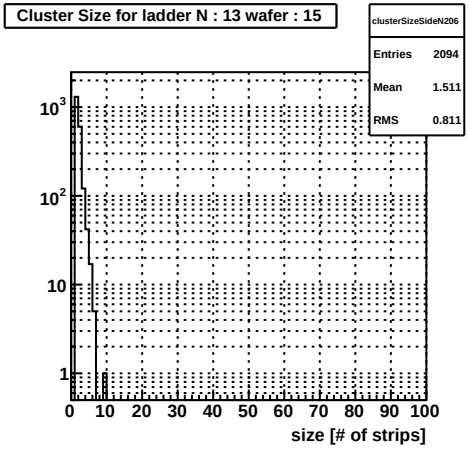

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4070
Mean 1.328
RMS 0.7195
size [# of strips]

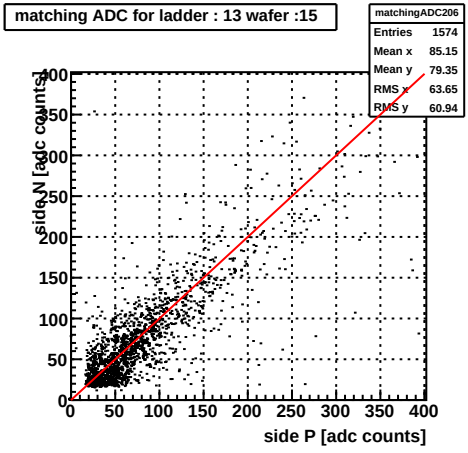

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1086
Mean x 80.79
Mean y 83.78
RMS x 57.35
RMS y 59.55
side N [adc counts]
side P [adc counts]

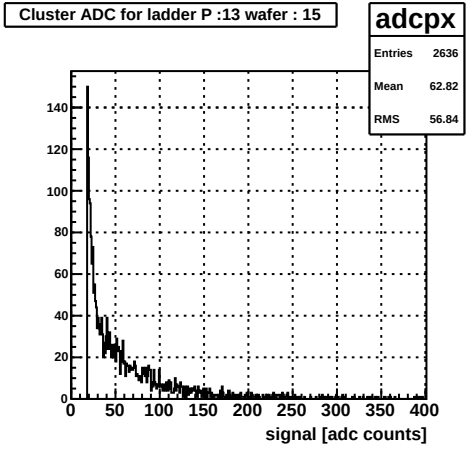

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2913
Mean 46.04
RMS 46.87
signal [adc counts]

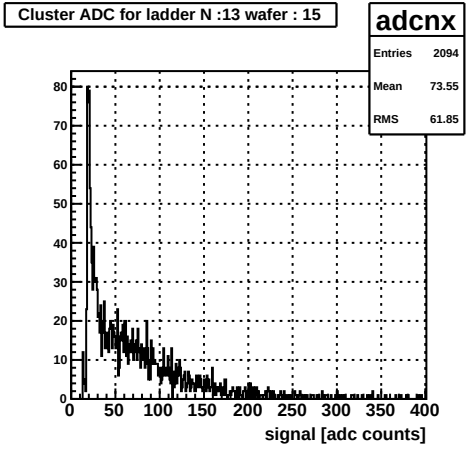

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4070
Mean 48.52
RMS 50.12
signal [adc counts]

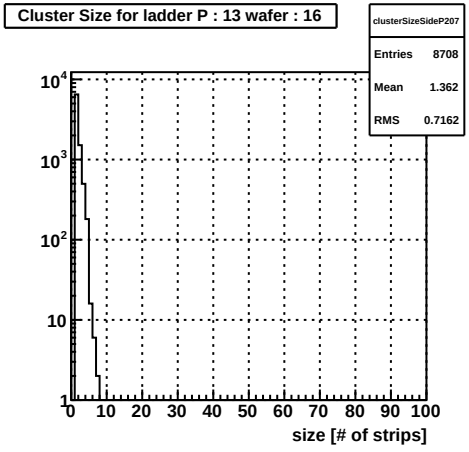

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2636
Mean 1.269
RMS 0.6059
size [# of strips]

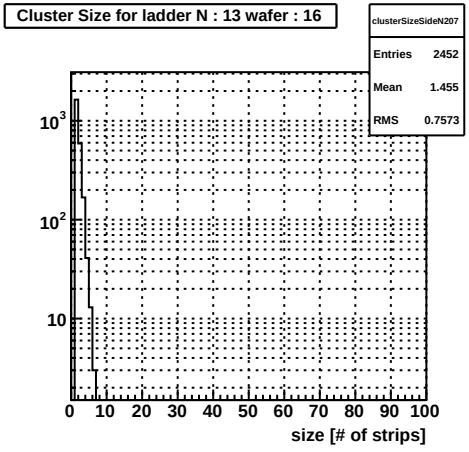

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2094
Mean 1.511
RMS 0.811
size [# of strips]

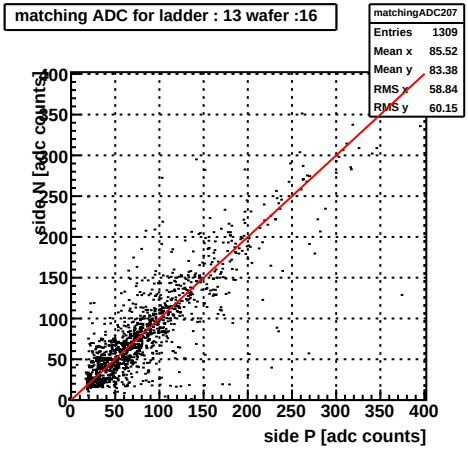

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1574
Mean x 85.15
Mean y 79.35
RMS x 63.65
RMS y 60.94
side N [adc counts]
side P [adc counts]

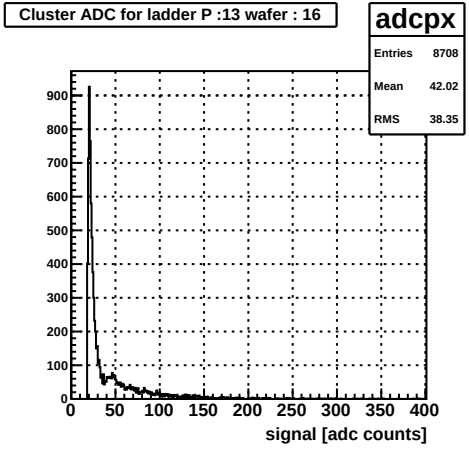

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2636
Mean 62.82
RMS 56.84
signal [adc counts]

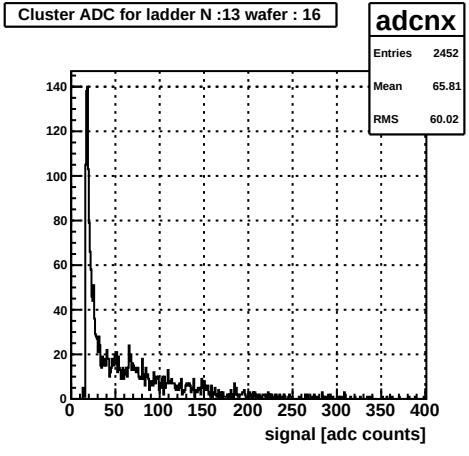

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2094
Mean 73.55
RMS 61.85
signal [adc counts]

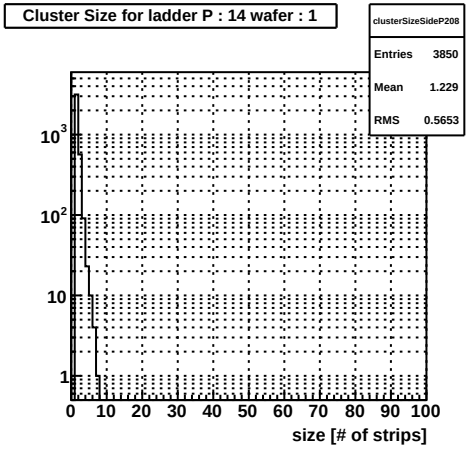

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8708
Mean 1.362
RMS 0.7162
size [# of strips]

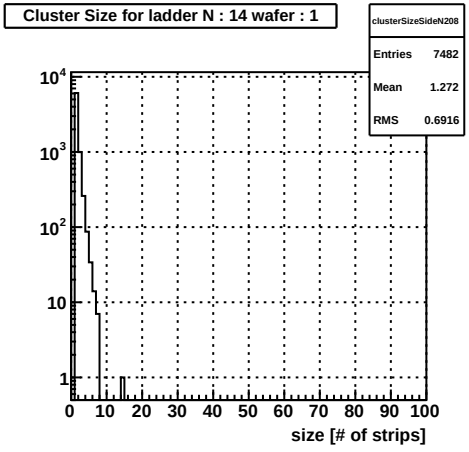

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2452
Mean 1.455
RMS 0.7573
size [# of strips]

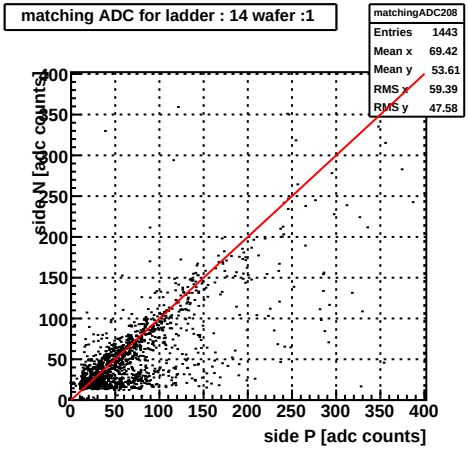

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1309
Mean x 85.52
Mean y 83.38
RMS x 58.84
RMS y 60.15
side N [adc counts]
side P [adc counts]

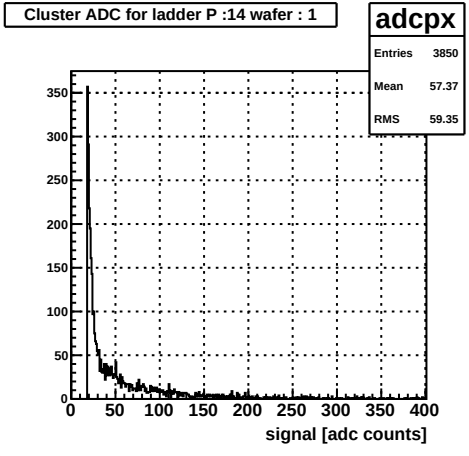

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8708
Mean 42.02
RMS 38.35
signal [adc counts]

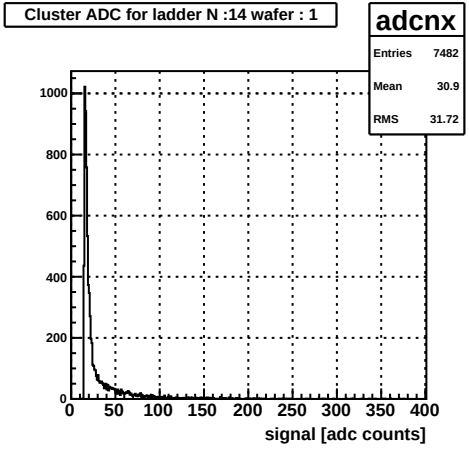

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2452
Mean 65.81
RMS 60.02
signal [adc counts]

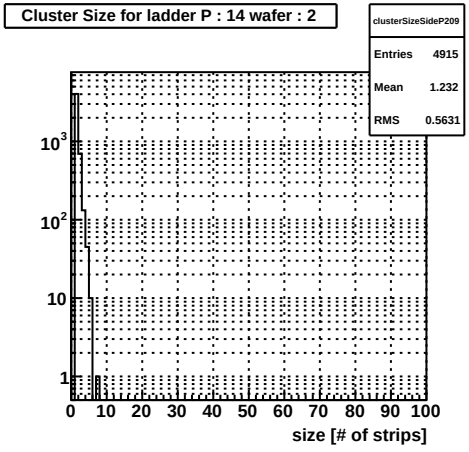

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3850
Mean 1.229
RMS 0.5653
size [# of strips]

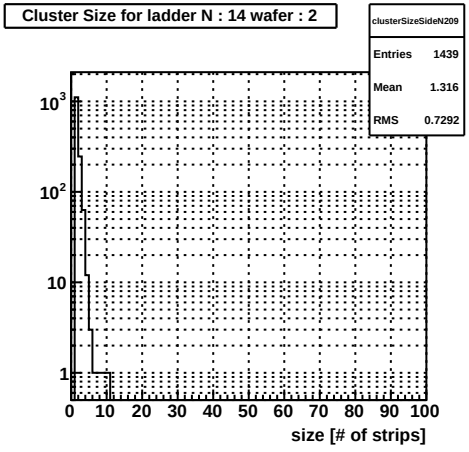

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7482
Mean 1.272
RMS 0.6916
size [# of strips]

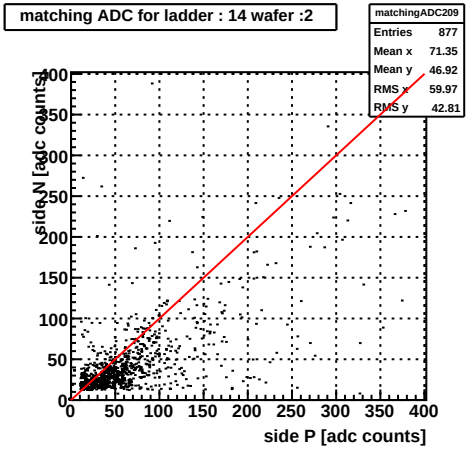

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1443
Mean x 69.42
Mean y 53.61
RMS x 59.39
RMS y 47.58
side N [adc counts]
side P [adc counts]

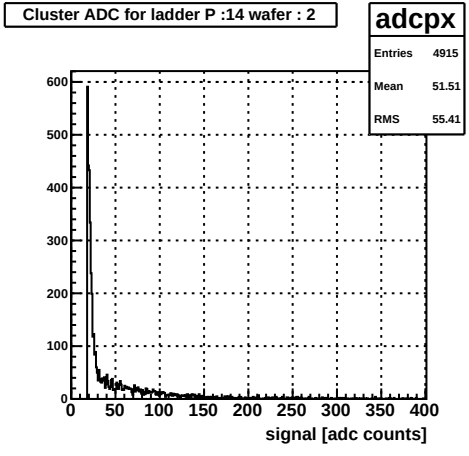

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3850
Mean 57.37
RMS 59.35
signal [adc counts]

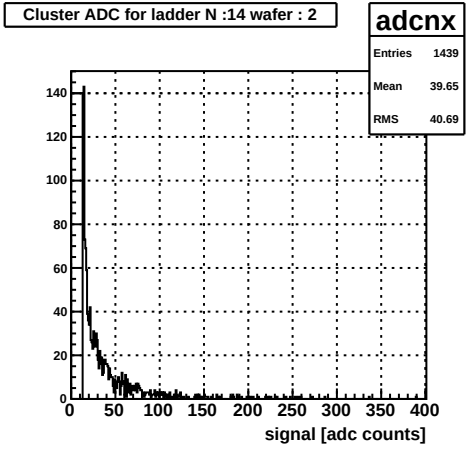

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7482
Mean 30.9
RMS 31.72
signal [adc counts]

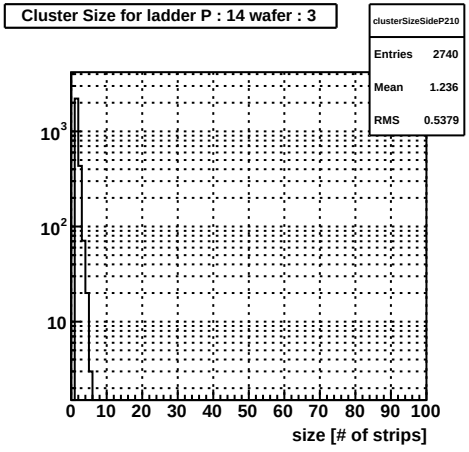

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4915
Mean 1.232
RMS 0.5631
size [# of strips]

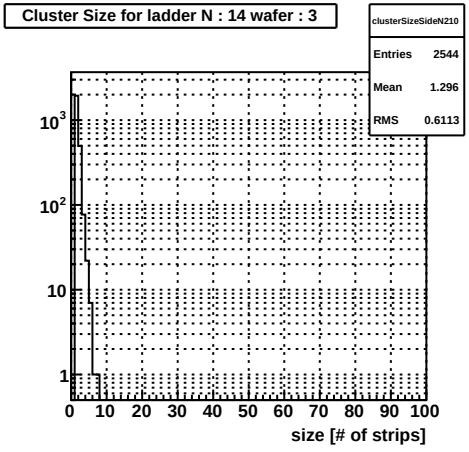

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1439
Mean 1.316
RMS 0.7292
size [# of strips]

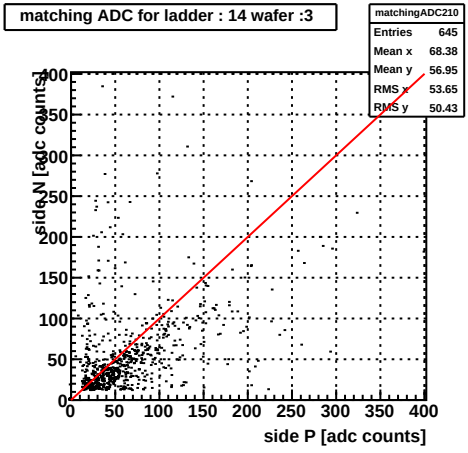

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 877
Mean x 71.35
Mean y 46.92
RMS x 59.97
RMS y 42.81
side N [adc counts]
side P [adc counts]

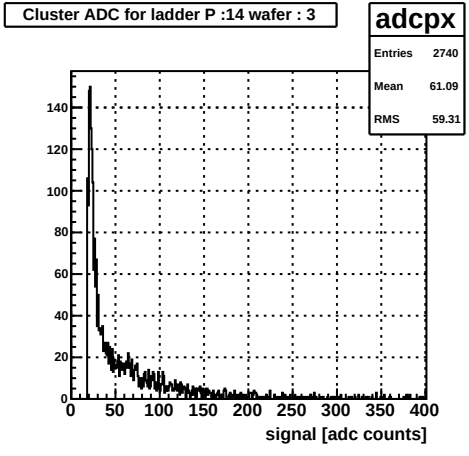

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4915
Mean 51.51
RMS 55.41
signal [adc counts]

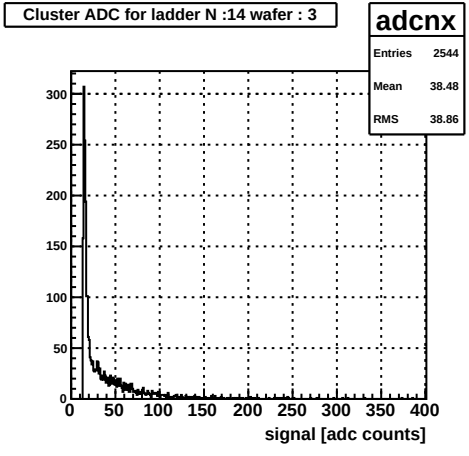

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1439
Mean 39.65
RMS 40.69
signal [adc counts]

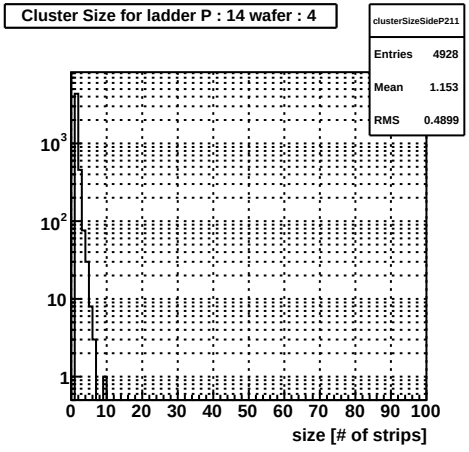

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2740
Mean 1.236
RMS 0.5379
size [# of strips]

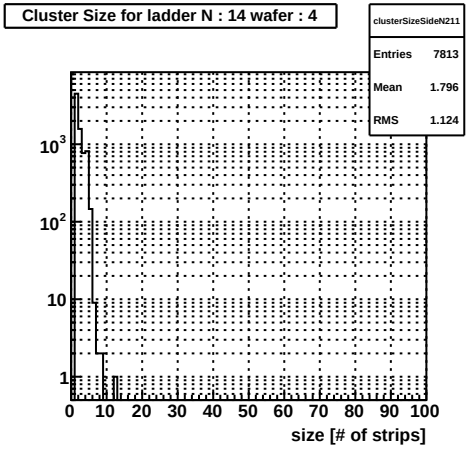

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2544
Mean 1.296
RMS 0.6113
size [# of strips]

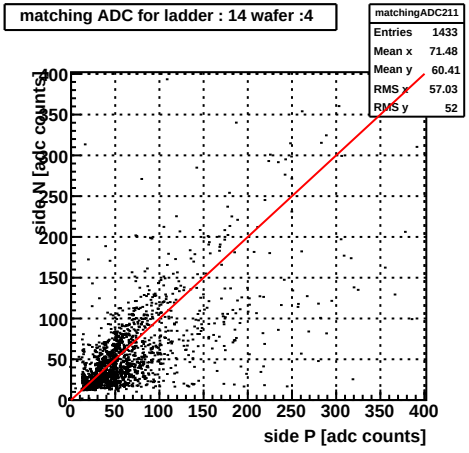

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 645
Mean x 68.38
Mean y 56.95
RMS x 53.65
RMS y 50.43
side N [adc counts]
side P [adc counts]

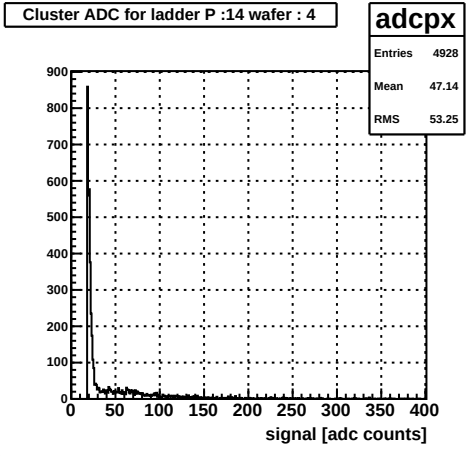

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2740
Mean 61.09
RMS 59.31
signal [adc counts]

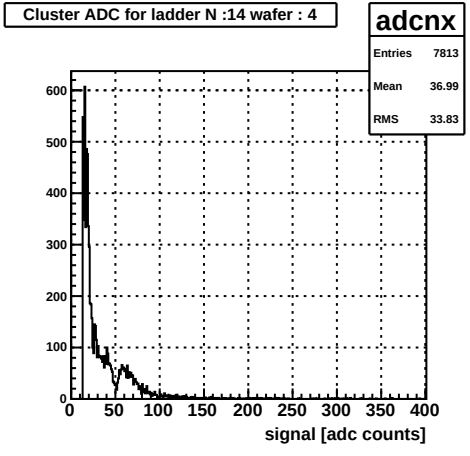

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2544
Mean 38.48
RMS 38.86
signal [adc counts]

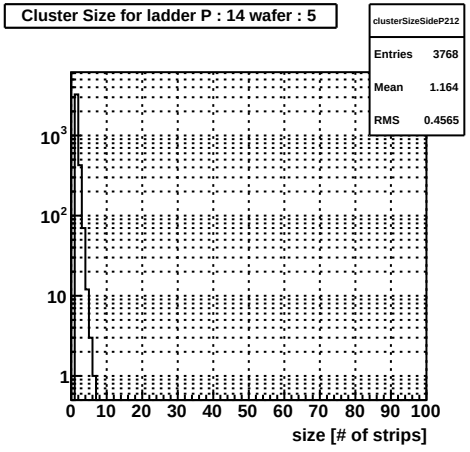

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4928
Mean 1.153
RMS 0.4899
size [# of strips]

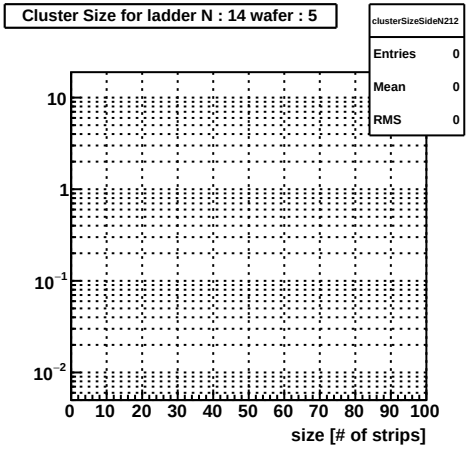

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7813
Mean 1.796
RMS 1.124
size [# of strips]

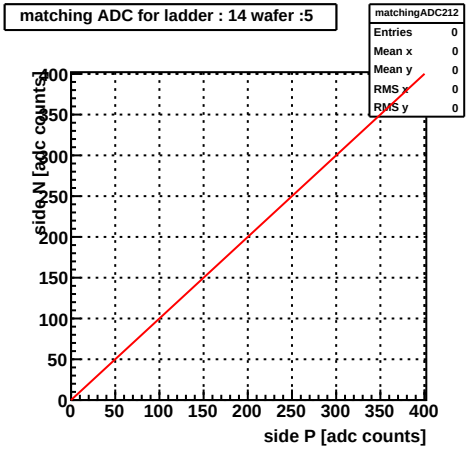

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1433
Mean x 71.48
Mean y 60.41
RMS x 57.03
RMS y 52
side N [adc counts]
side P [adc counts]

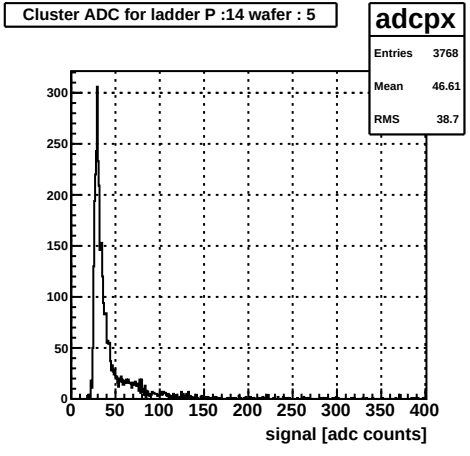

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4928
Mean 47.14
RMS 53.25
signal [adc counts]

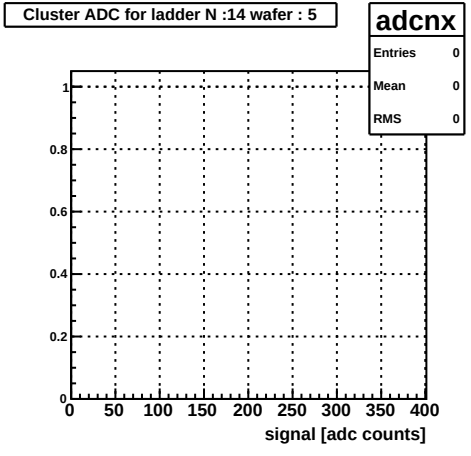

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7813
Mean 36.99
RMS 33.83
signal [adc counts]

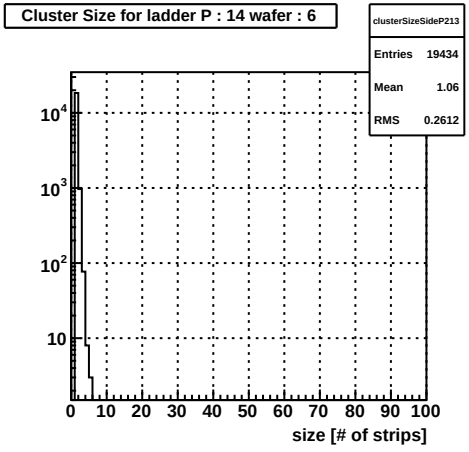

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3768
Mean 1.164
RMS 0.4565
size [# of strips]

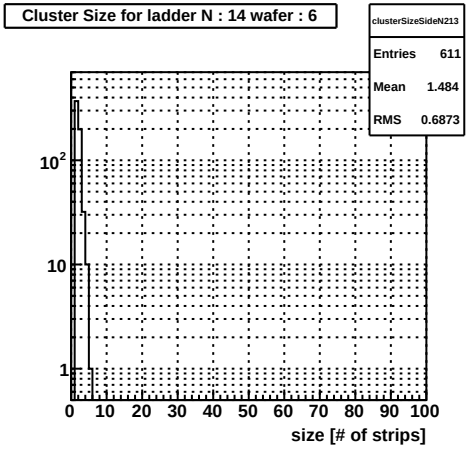

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

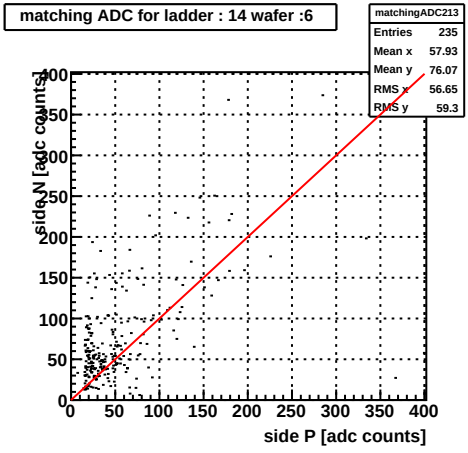

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

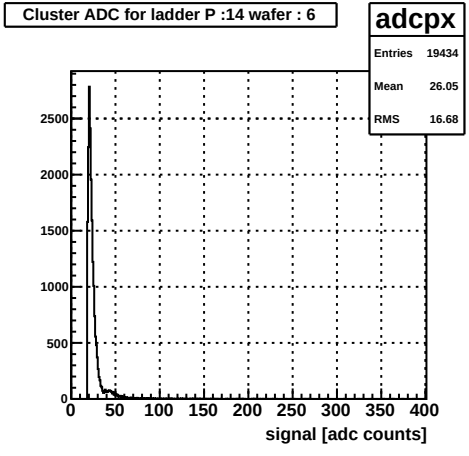

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3768
Mean 46.61
RMS 38.7
signal [adc counts]

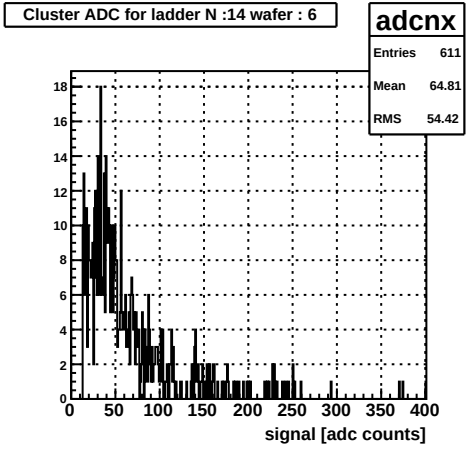

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

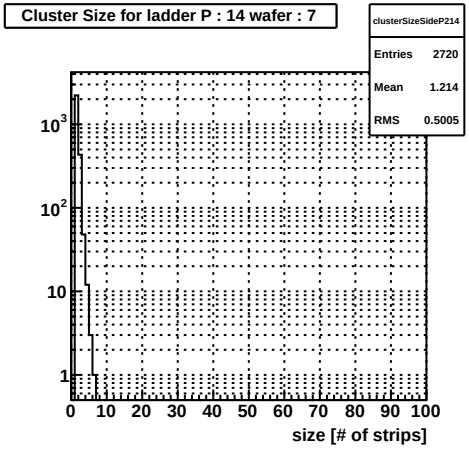

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 19434
Mean 1.06
RMS 0.2612
size [# of strips]

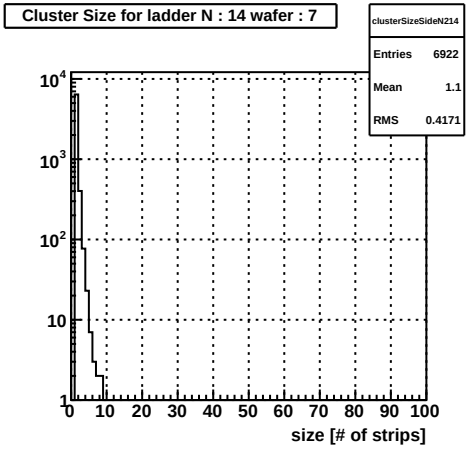

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 611
Mean 1.484
RMS 0.6873
size [# of strips]

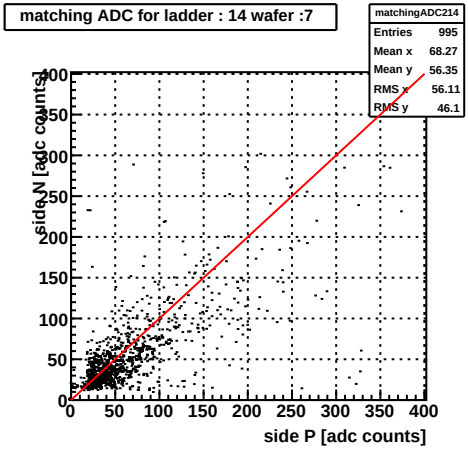

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 235
Mean x 57.93
Mean y 76.07
RMS x 56.65
RMS y 59.3
side N [adc counts]
side P [adc counts]

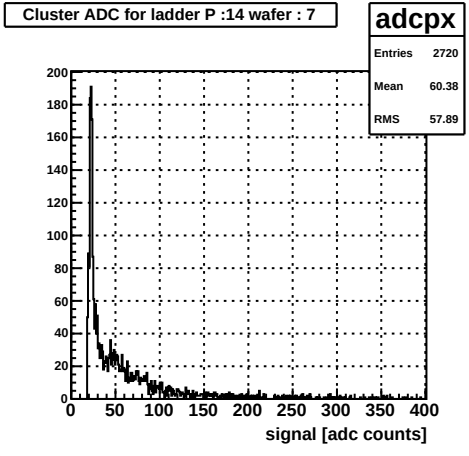

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 19434
Mean 26.05
RMS 16.68
signal [adc counts]

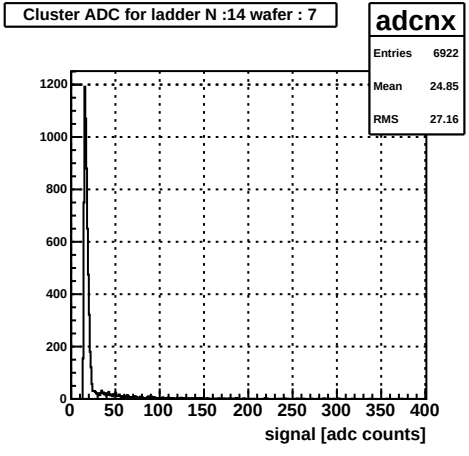

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 611
Mean 64.81
RMS 54.42
signal [adc counts]

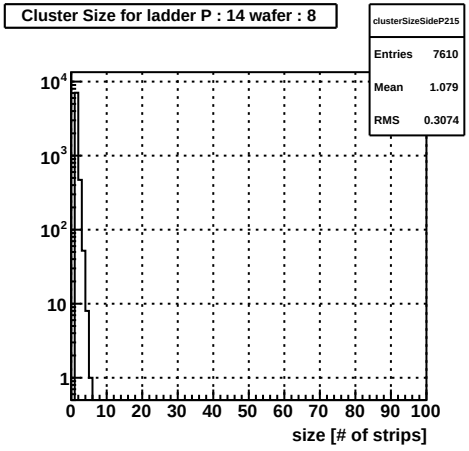

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2720
Mean 1.214
RMS 0.5005
size [# of strips]

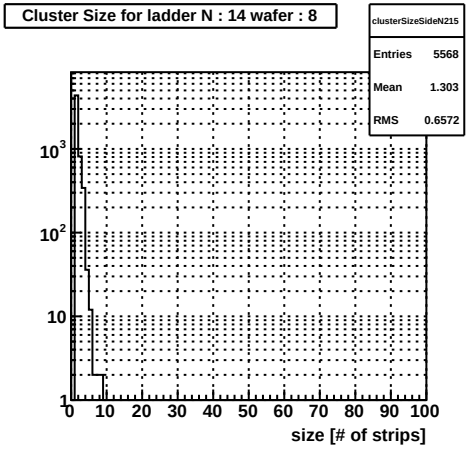

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6922
Mean 1.1
RMS 0.4171
size [# of strips]

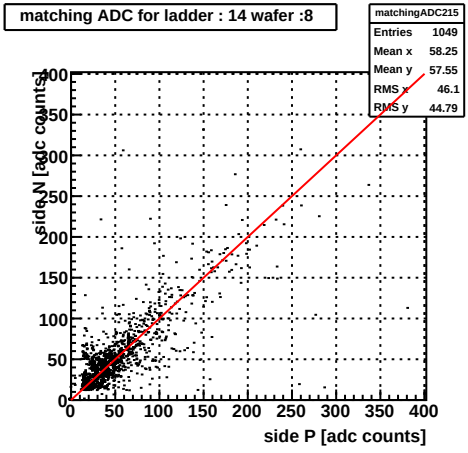

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 995
Mean x 68.27
Mean y 56.35
RMS x 56.11
RMS y 46.1
side N [adc counts]
side P [adc counts]

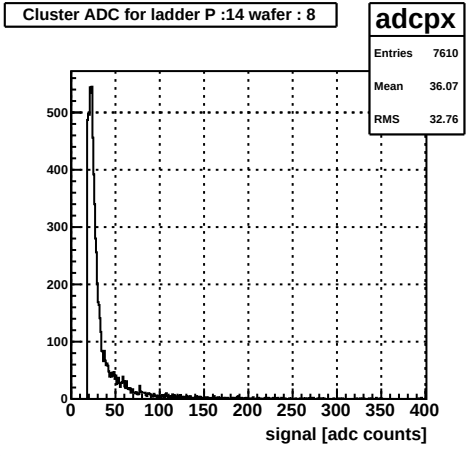

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2720
Mean 60.38
RMS 57.89
signal [adc counts]

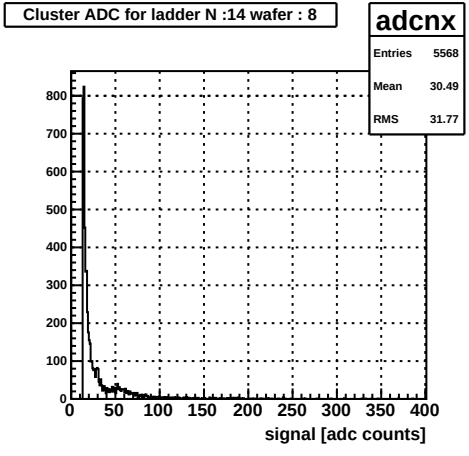

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6922
Mean 24.85
RMS 27.16
signal [adc counts]

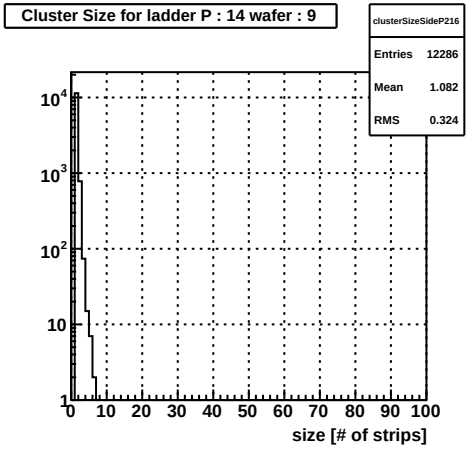

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7610
Mean 1.079
RMS 0.3074
size [# of strips]

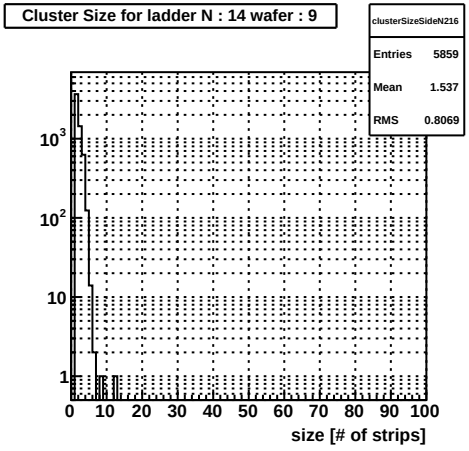

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5568
Mean 1.303
RMS 0.6572
size [# of strips]

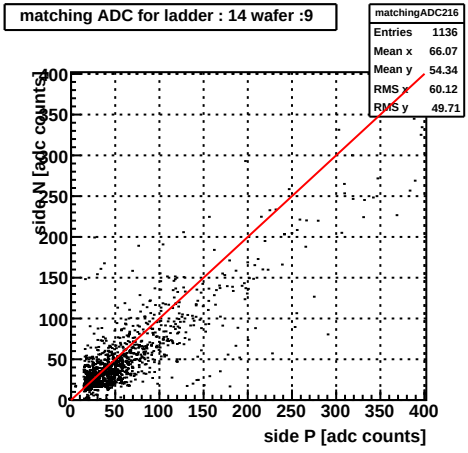

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1049
Mean x 58.25
Mean y 57.55
RMS x 46.1
RMS y 44.79
side N [adc counts]
side P [adc counts]

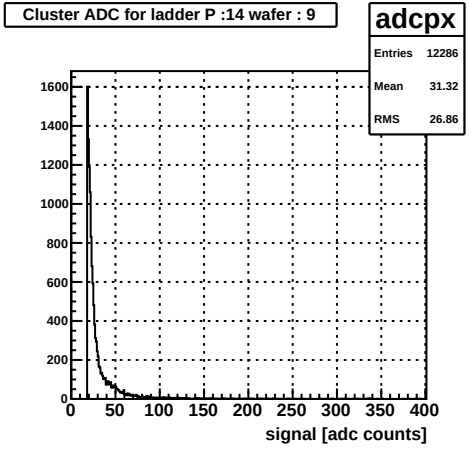

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7610
Mean 36.07
RMS 32.76
signal [adc counts]

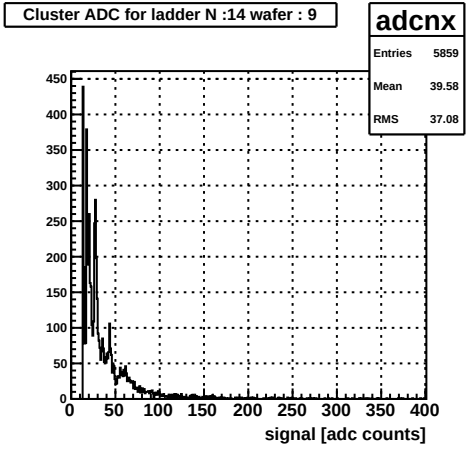

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5568
Mean 30.49
RMS 31.77
signal [adc counts]

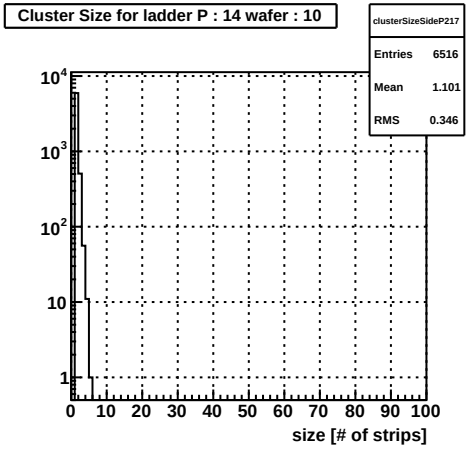

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12286
Mean 1.082
RMS 0.324
size [# of strips]

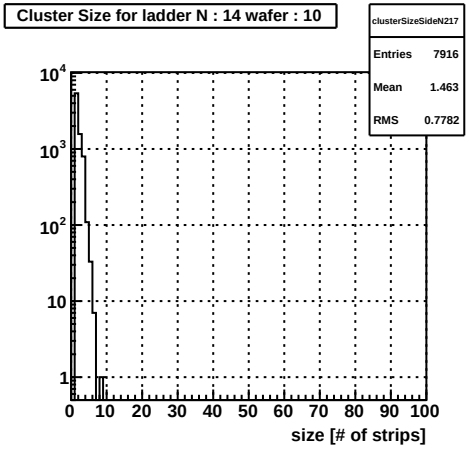

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5859
Mean 1.537
RMS 0.8069
size [# of strips]

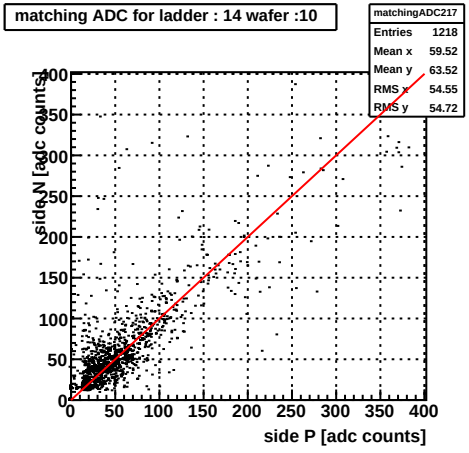

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1136
Mean x 66.07
Mean y 54.34
RMS x 60.12
RMS y 49.71
side N [adc counts]
side P [adc counts]

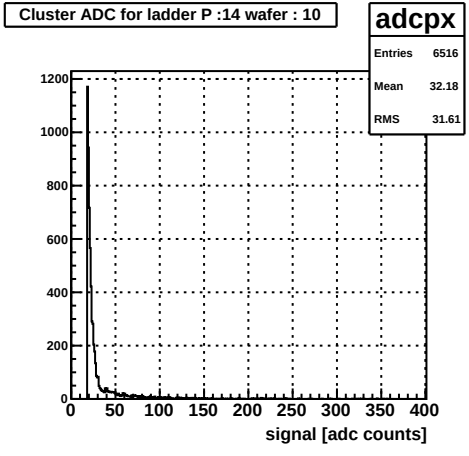

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12286
Mean 31.32
RMS 26.86
signal [adc counts]

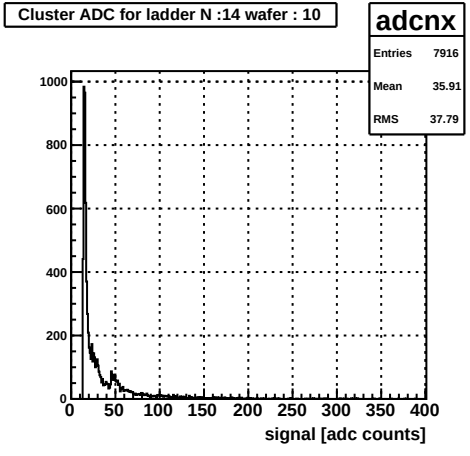

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5859
Mean 39.58
RMS 37.08
signal [adc counts]

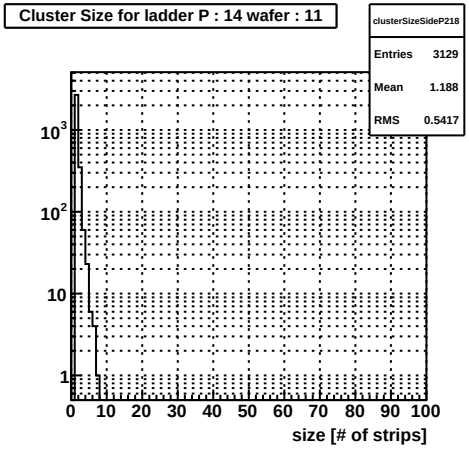

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6516
Mean 1.101
RMS 0.346
size [# of strips]

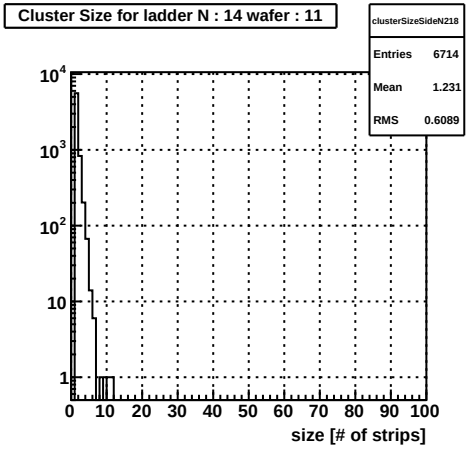

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7916
Mean 1.463
RMS 0.7782
size [# of strips]

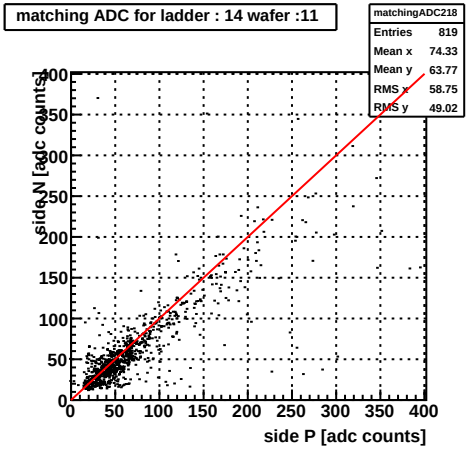

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1218
Mean x 59.52
Mean y 63.52
RMS x 54.55
RMS y 54.72
side N [adc counts]
side P [adc counts]

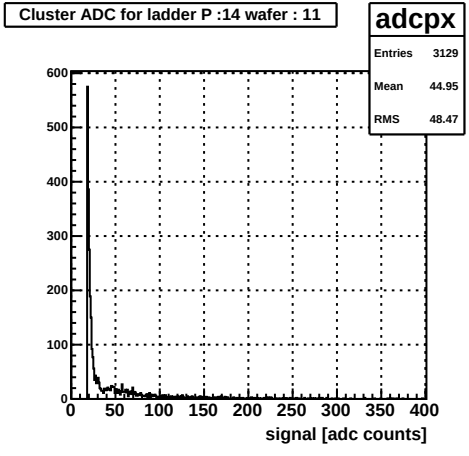

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6516
Mean 32.18
RMS 31.61
signal [adc counts]

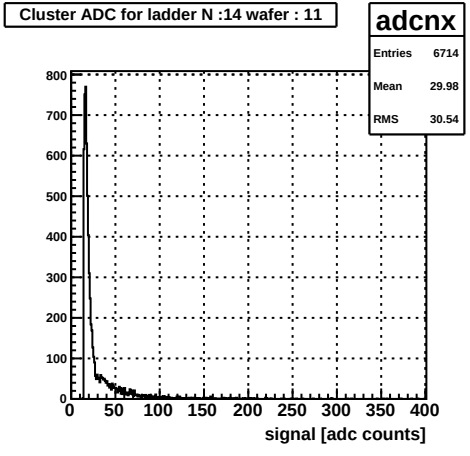

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7916
Mean 35.91
RMS 37.79
signal [adc counts]

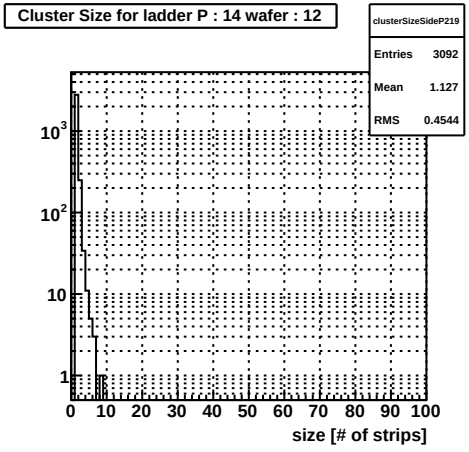

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3129
Mean 1.188
RMS 0.5417
size [# of strips]

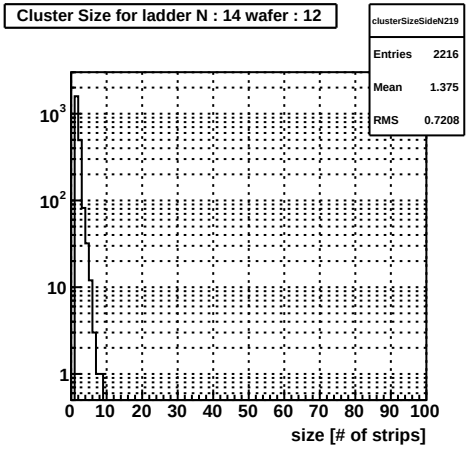

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6714
Mean 1.231
RMS 0.6089
size [# of strips]

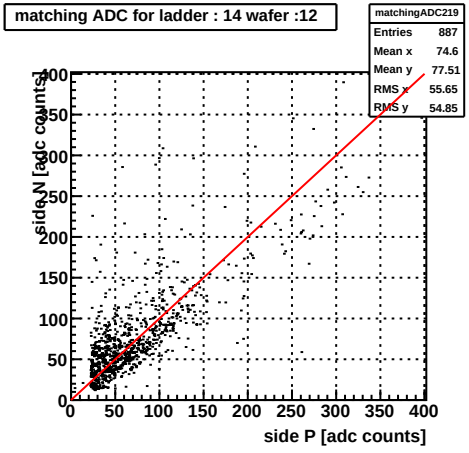

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 819
Mean x 74.33
Mean y 63.77
RMS x 58.75
RMS y 49.02
side N [adc counts]
side P [adc counts]

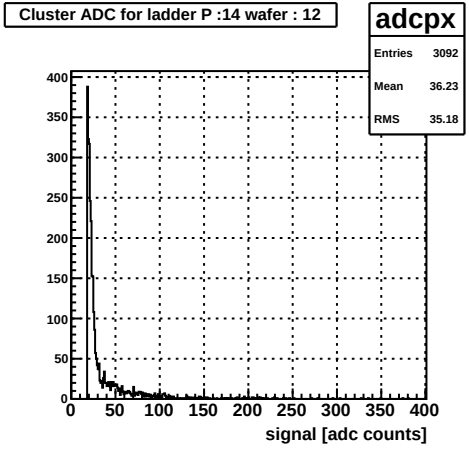

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3129
Mean 44.95
RMS 48.47
signal [adc counts]

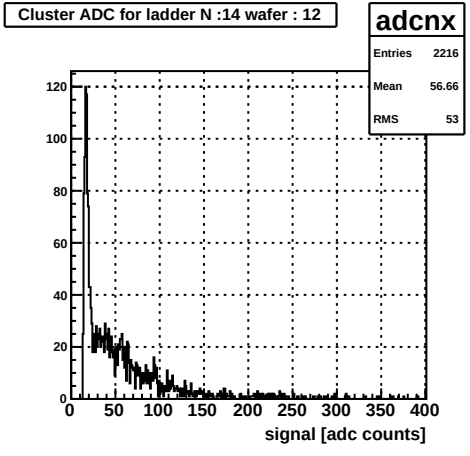

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6714
Mean 29.98
RMS 30.54
signal [adc counts]

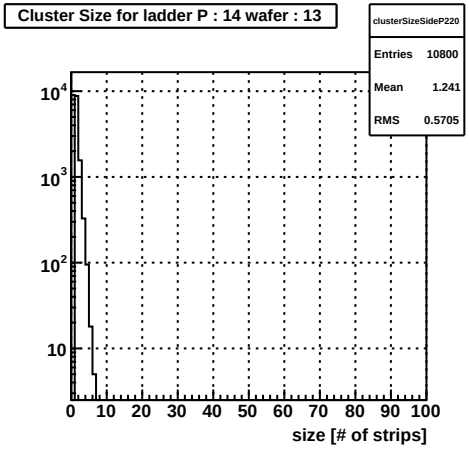

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3092
Mean 1.127
RMS 0.4544
size [# of strips]

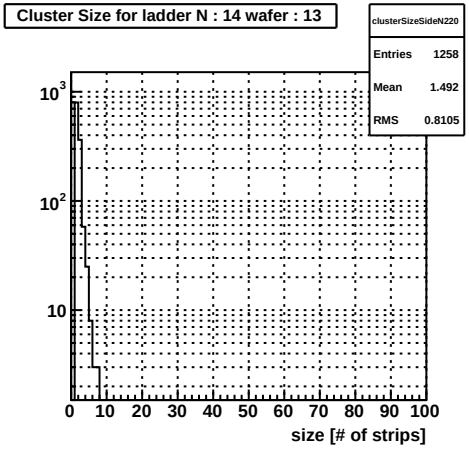

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2216
Mean 1.375
RMS 0.7208
size [# of strips]

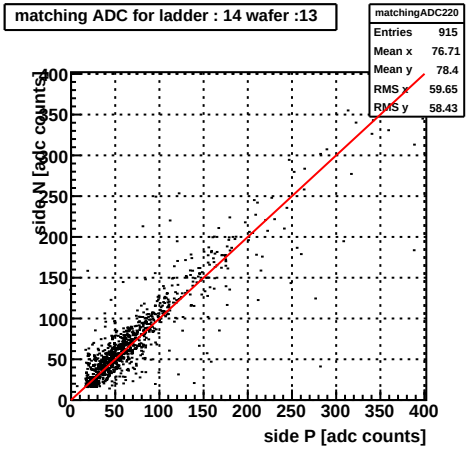

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 887
Mean x 74.6
Mean y 77.51
RMS x 55.65
RMS y 54.85
side N [adc counts]
side P [adc counts]

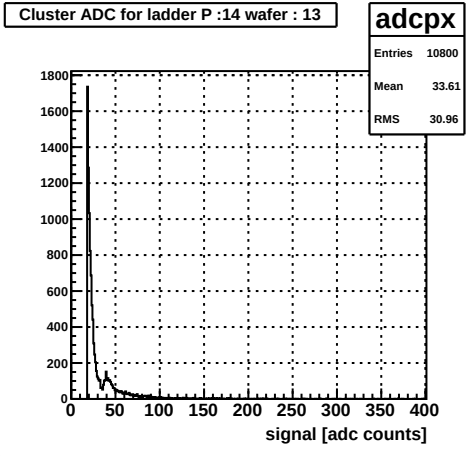

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3092
Mean 36.23
RMS 35.18
signal [adc counts]

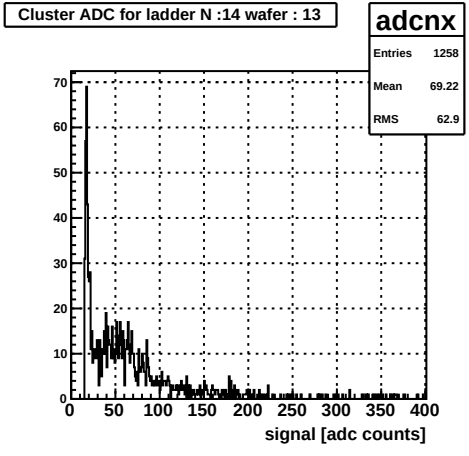

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2216
Mean 56.66
RMS 53
signal [adc counts]

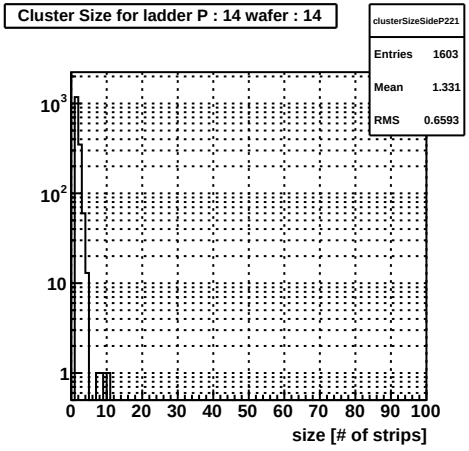

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10800
Mean 1.241
RMS 0.5705
size [# of strips]

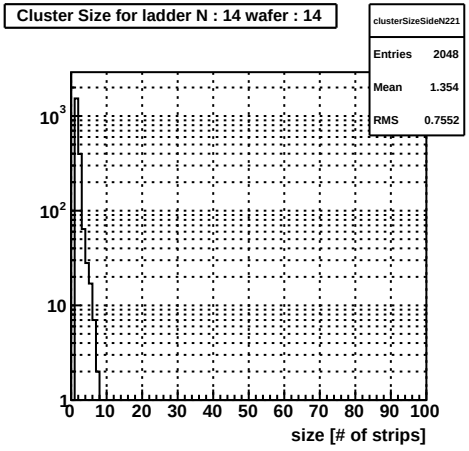

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1258
Mean 1.492
RMS 0.8105
size [# of strips]

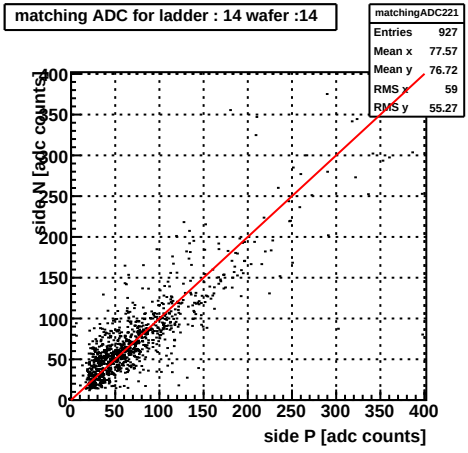

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 915
Mean x 76.71
Mean y 78.4
RMS x 59.65
RMS y 58.43
side N [adc counts]
side P [adc counts]

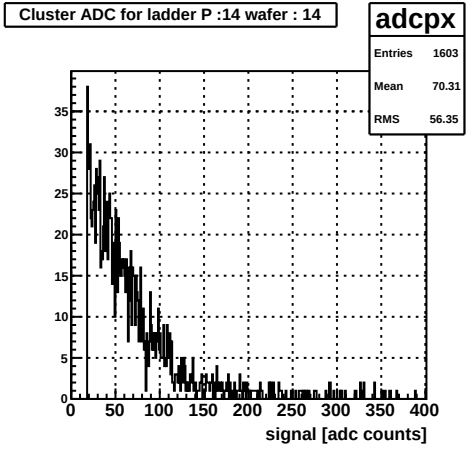

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10800
Mean 33.61
RMS 30.96
signal [adc counts]

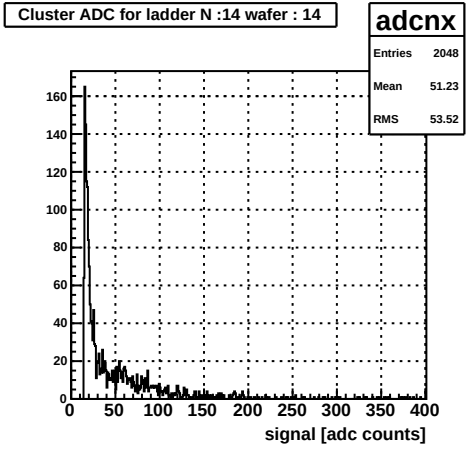

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1258
Mean 69.22
RMS 62.9
signal [adc counts]

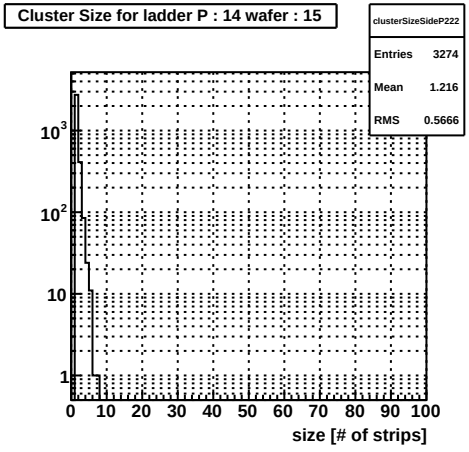

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1603
Mean 1.331
RMS 0.6593
size [# of strips]

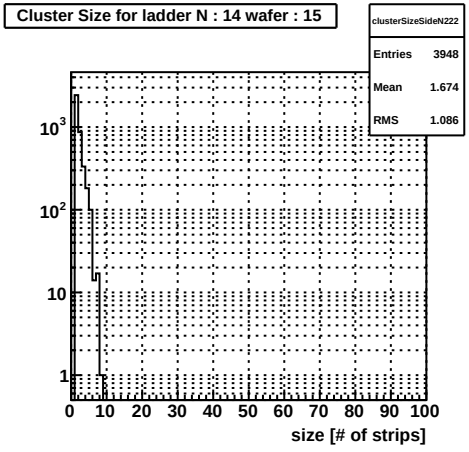

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2048
Mean 1.354
RMS 0.7552
size [# of strips]

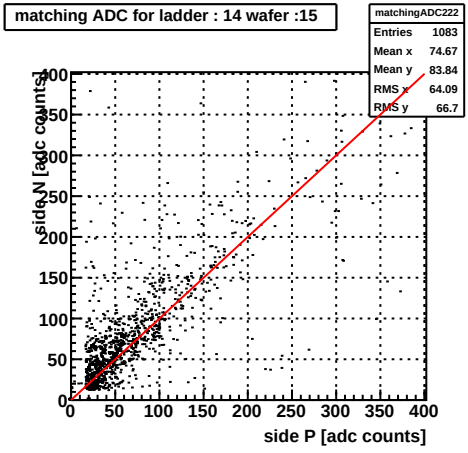

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 927
Mean x 77.57
Mean y 76.72
RMS x 59
RMS y 55.27
side N [adc counts]
side P [adc counts]

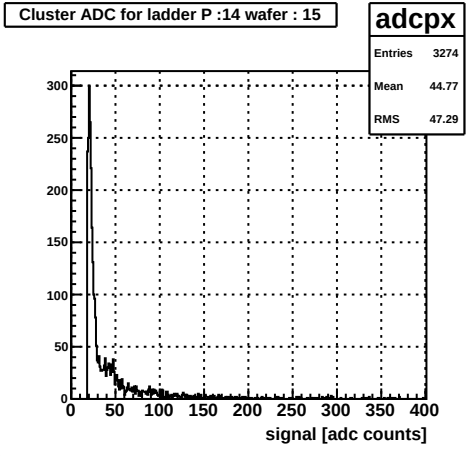

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1603
Mean 70.31
RMS 56.35
signal [adc counts]

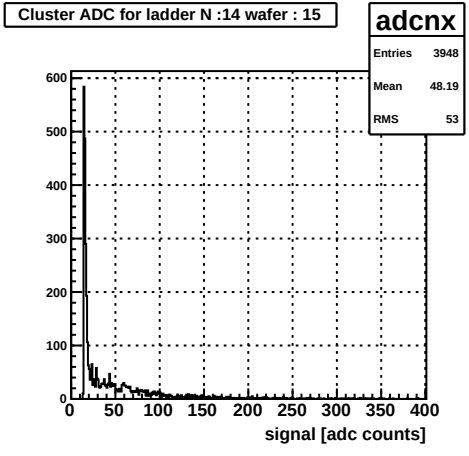

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2048
Mean 51.23
RMS 53.52
signal [adc counts]

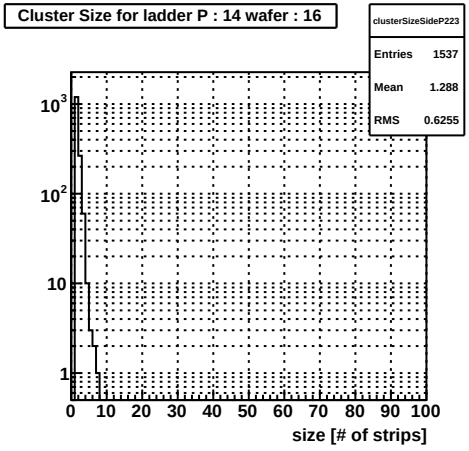

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3274
Mean 1.216
RMS 0.5666
size [# of strips]

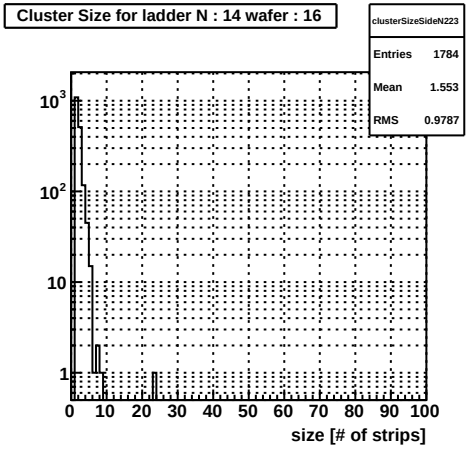

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3948
Mean 1.674
RMS 1.086
size [# of strips]

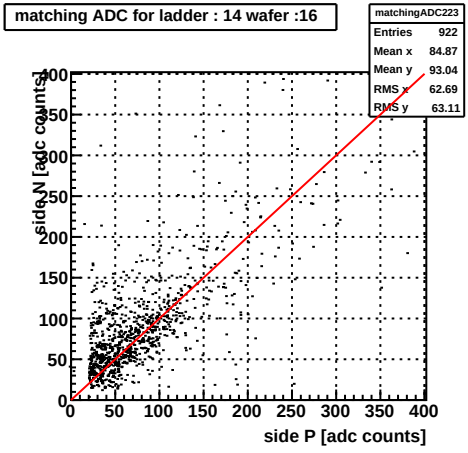

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1083
Mean x 74.67
Mean y 83.84
RMS x 64.09
RMS y 66.7
side N [adc counts]
side P [adc counts]

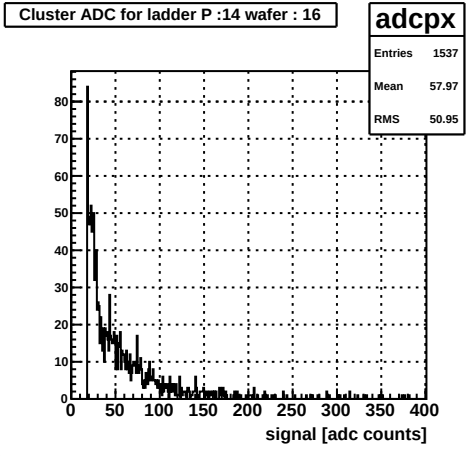

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3274
Mean 44.77
RMS 47.29
signal [adc counts]

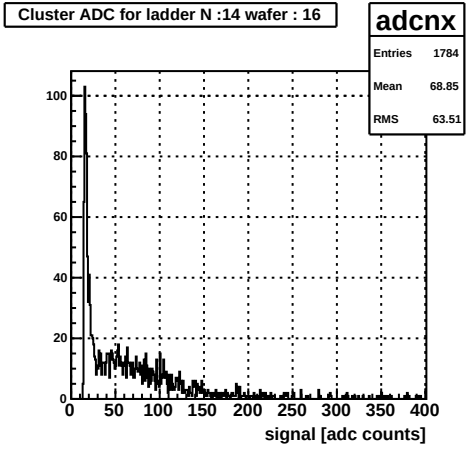

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3948
Mean 48.19
RMS 53
signal [adc counts]

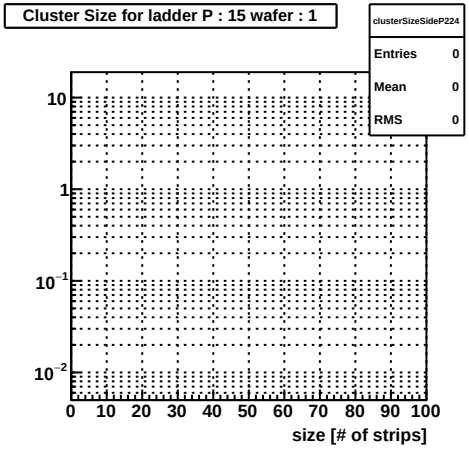

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1537
Mean 1.288
RMS 0.6255
size [# of strips]

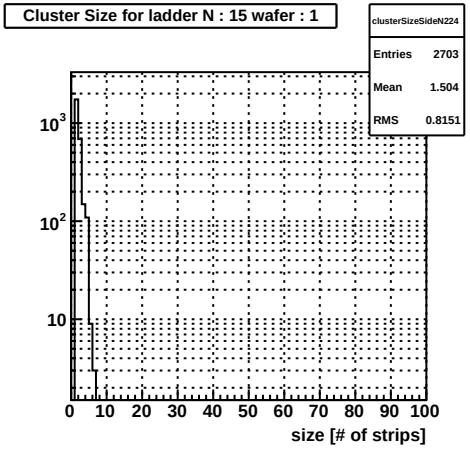

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1784
Mean 1.553
RMS 0.9787
size [# of strips]

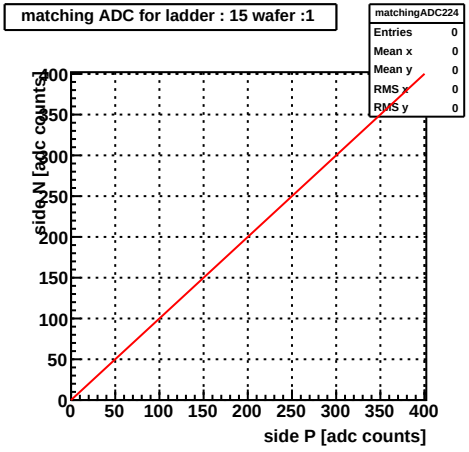

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 922
Mean x 84.87
Mean y 93.04
RMS x 62.69
RMS y 63.11
side N [adc counts]
side P [adc counts]

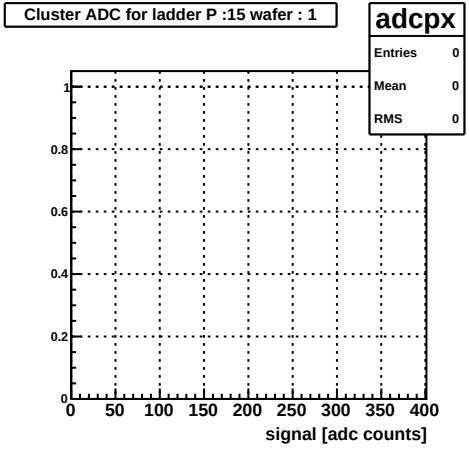

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1537
Mean 57.97
RMS 50.95
signal [adc counts]

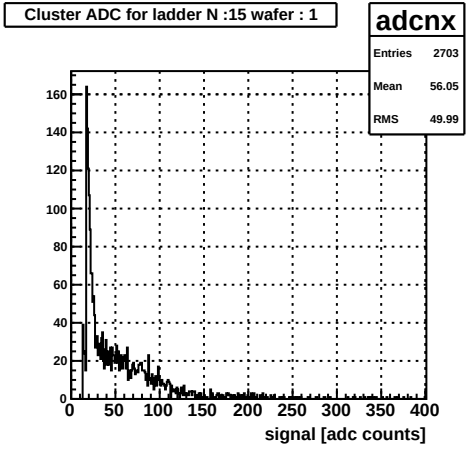

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1784
Mean 68.85
RMS 63.51
signal [adc counts]

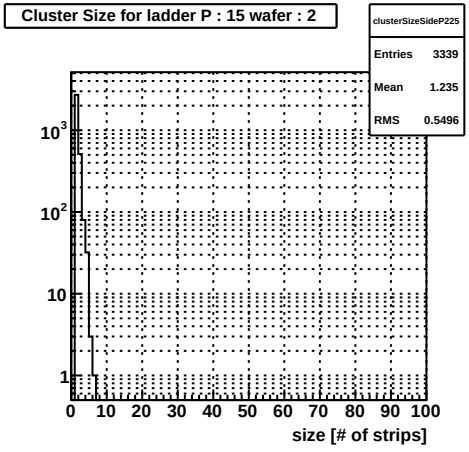

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

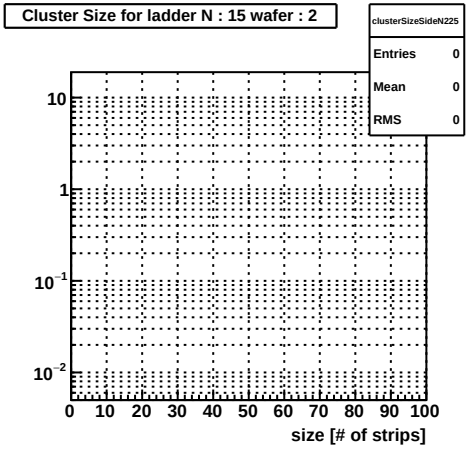

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2703
Mean 1.504
RMS 0.8151
size [# of strips]

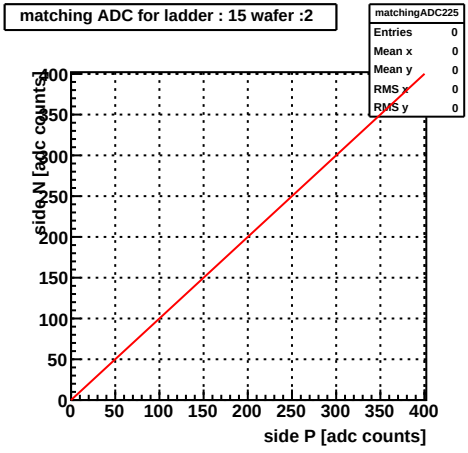

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

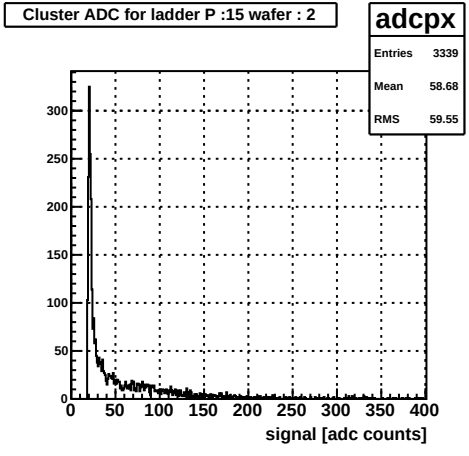

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

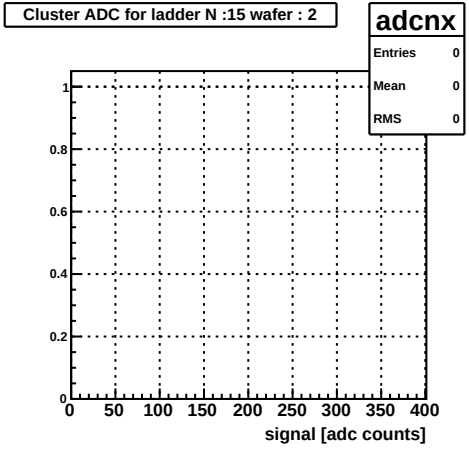

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2703
Mean 56.05
RMS 49.99
signal [adc counts]

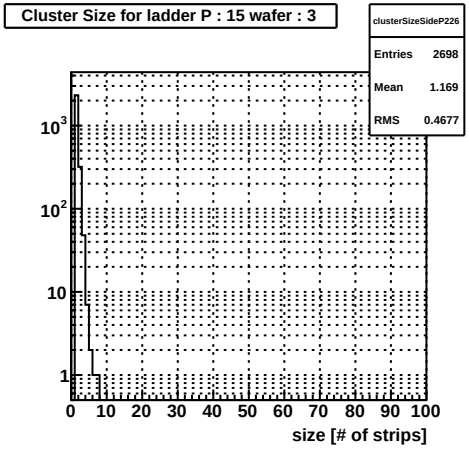

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3339
Mean 1.235
RMS 0.5496
size [# of strips]

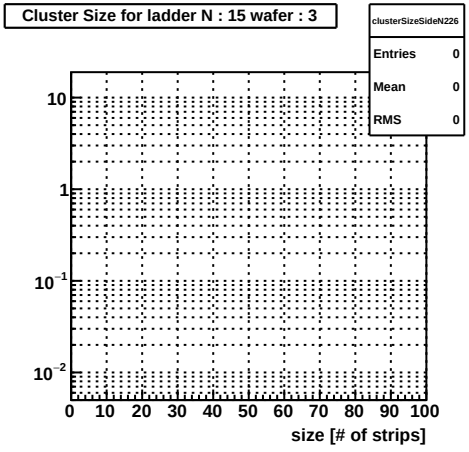

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

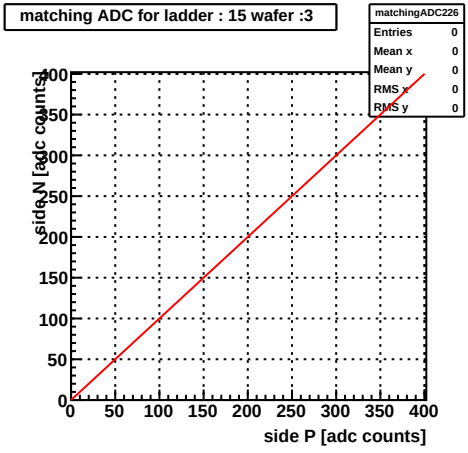

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

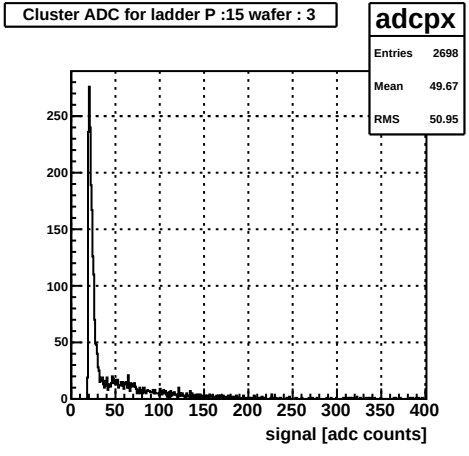

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3339
Mean 58.68
RMS 59.55
signal [adc counts]

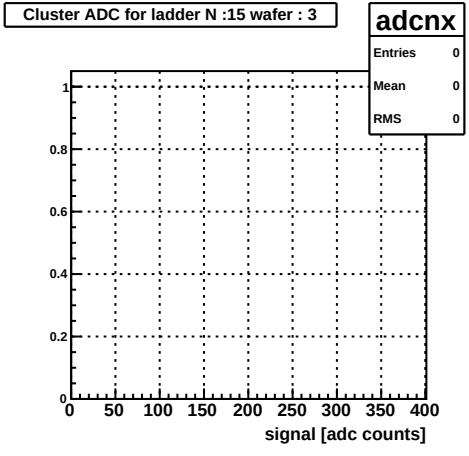

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

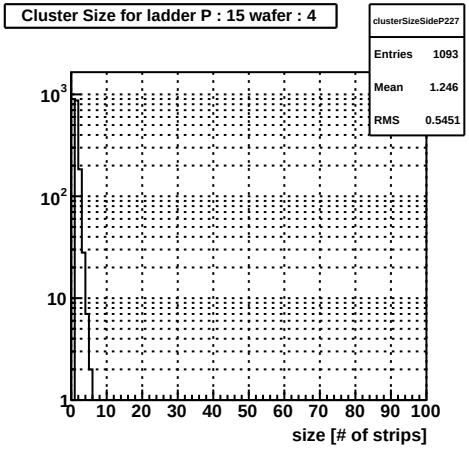

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2698
Mean 1.169
RMS 0.4677
size [# of strips]

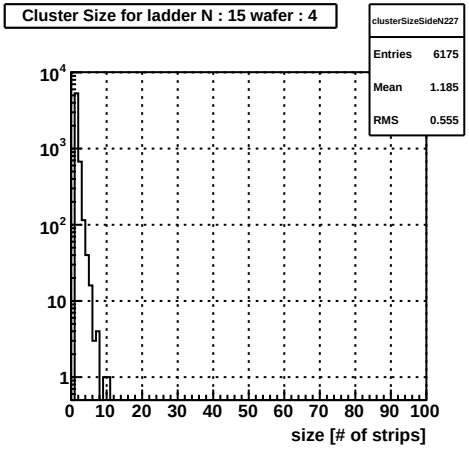

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

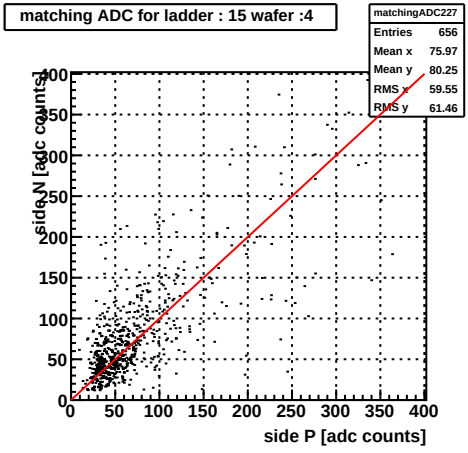

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

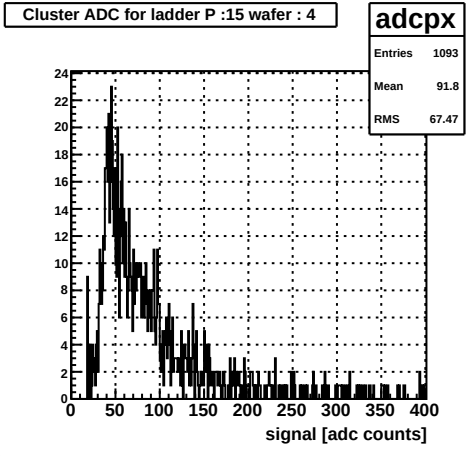

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2698
Mean 49.67
RMS 50.95
signal [adc counts]

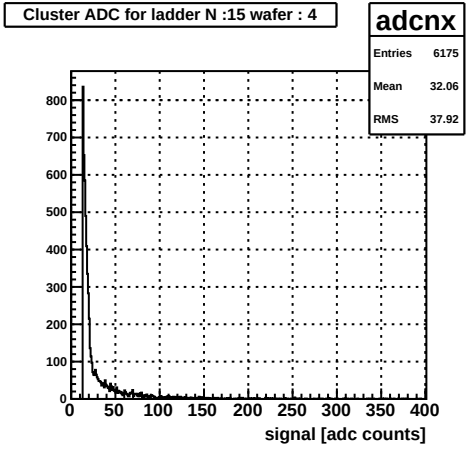

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

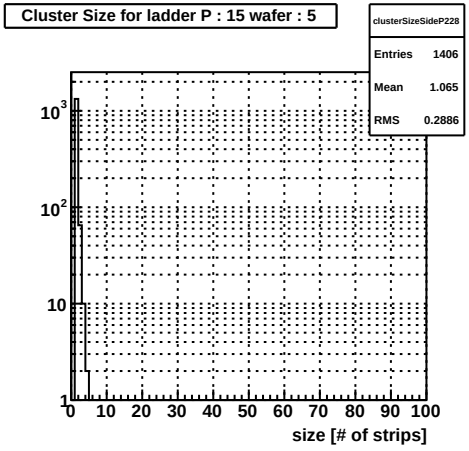

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1093
Mean 1.246
RMS 0.5451
size [# of strips]

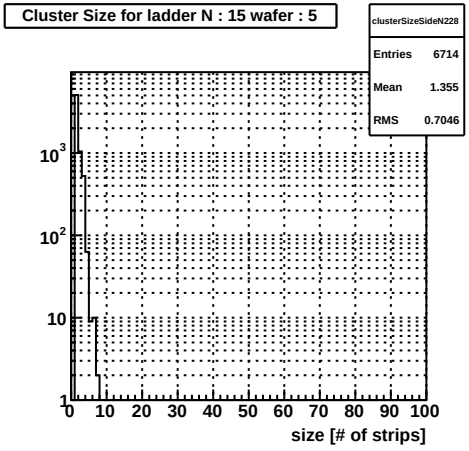

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6175
Mean 1.185
RMS 0.555
size [# of strips]

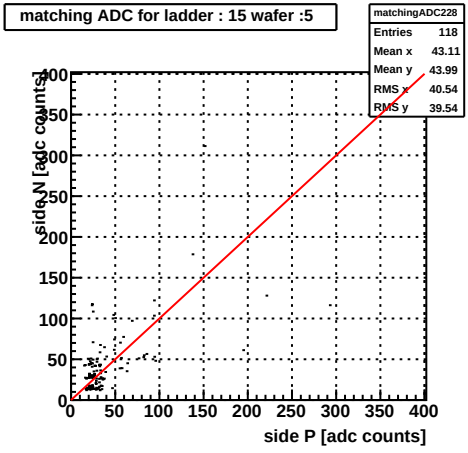

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 656
Mean x 75.97
Mean y 80.25
RMS x 59.55
RMS y 61.46
side N [adc counts]
side P [adc counts]

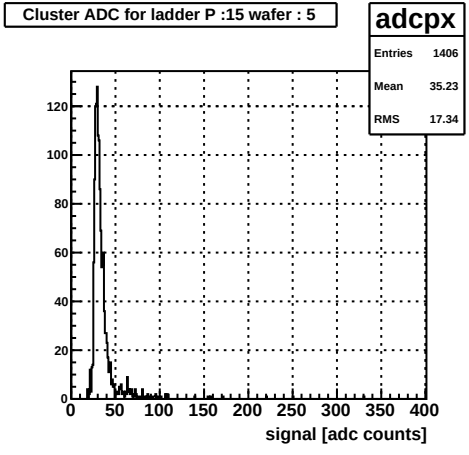

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1093
Mean 91.8
RMS 67.47
signal [adc counts]

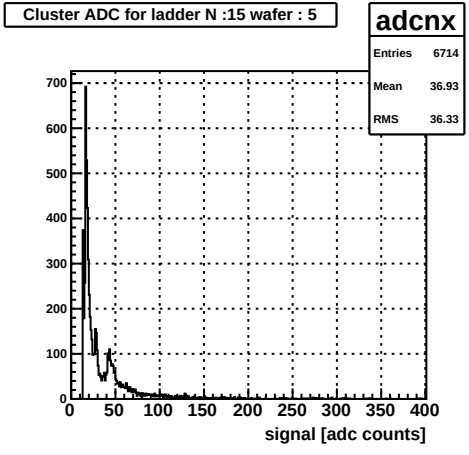

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6175
Mean 32.06
RMS 37.92
signal [adc counts]

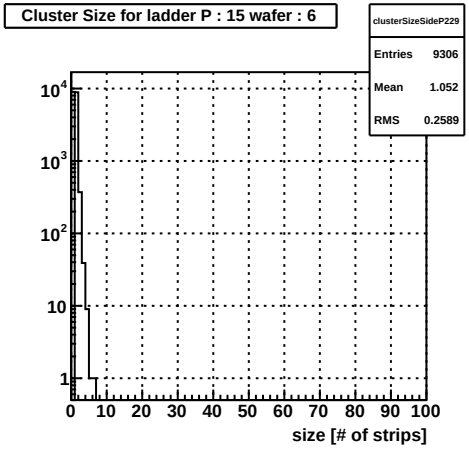

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1406
Mean 1.065
RMS 0.2886
size [# of strips]

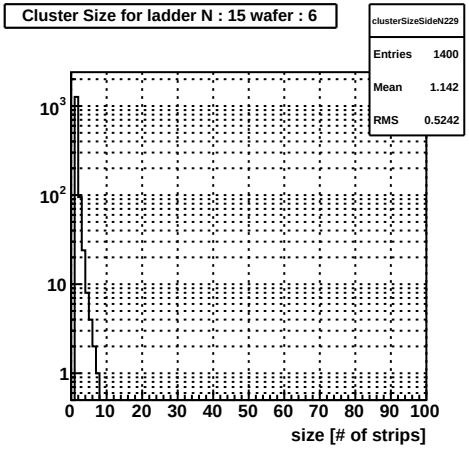

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6714
Mean 1.355
RMS 0.7046
size [# of strips]

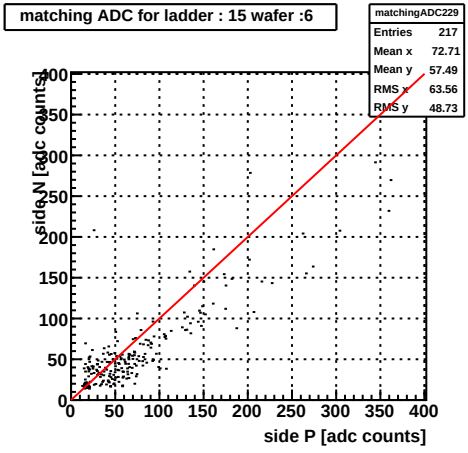

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 118
Mean x 43.11
Mean y 43.99
RMS x 40.54
RMS y 39.54
side N [adc counts]
side P [adc counts]

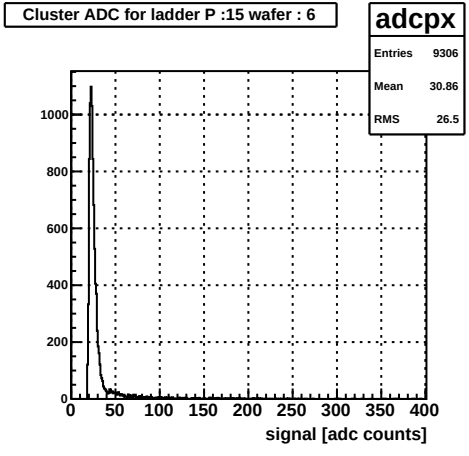

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1406
Mean 35.23
RMS 17.34
signal [adc counts]

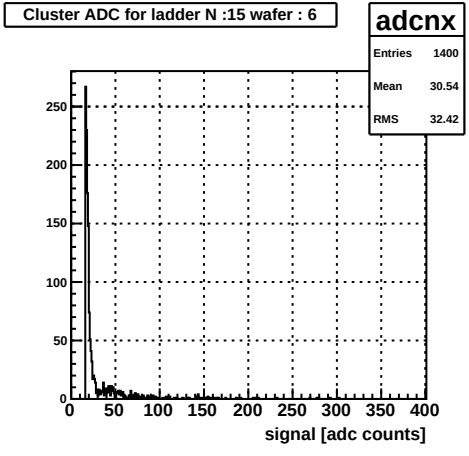

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6714
Mean 36.93
RMS 36.33
signal [adc counts]

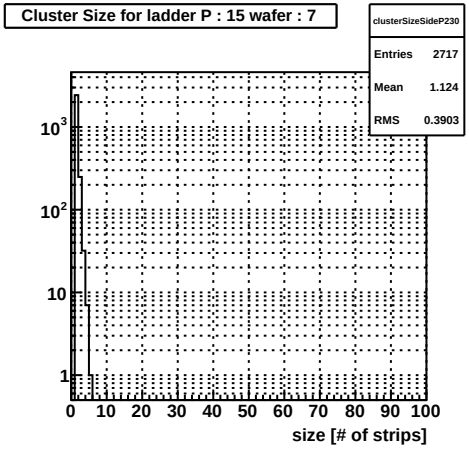

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9306
Mean 1.052
RMS 0.2589
size [# of strips]

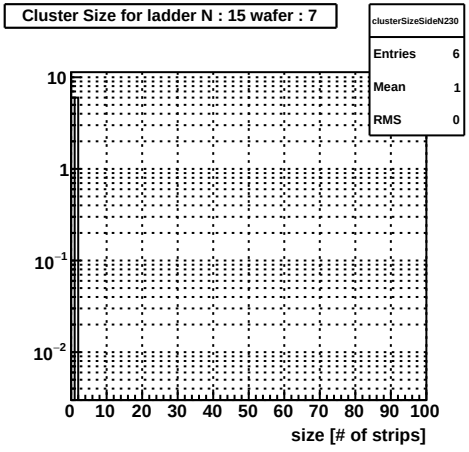

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1400
Mean 1.142
RMS 0.5242
size [# of strips]

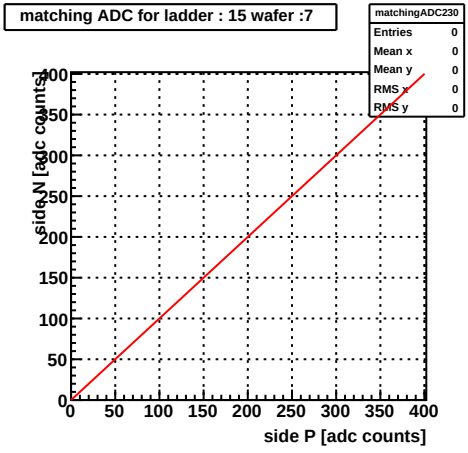

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 217
Mean x 72.71
Mean y 57.49
RMS x 63.56
RMS y 48.73
side N [adc counts]
side P [adc counts]

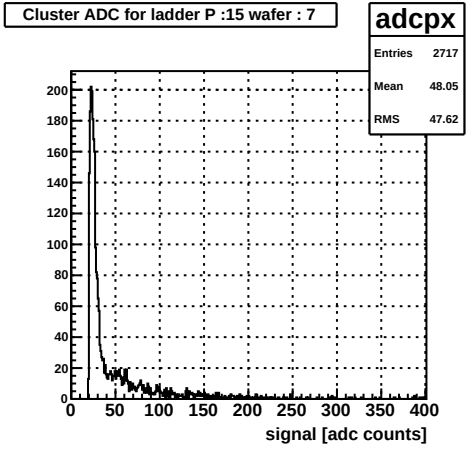

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9306
Mean 30.86
RMS 26.5
signal [adc counts]

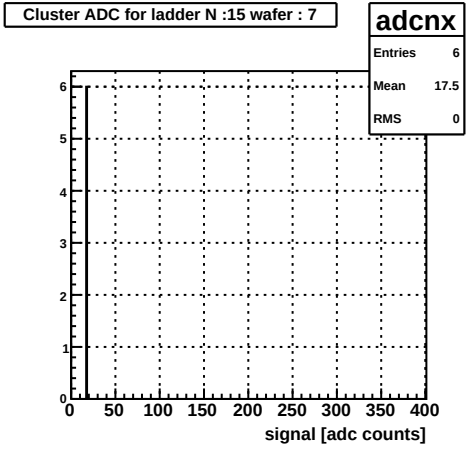

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1400
Mean 30.54
RMS 32.42
signal [adc counts]

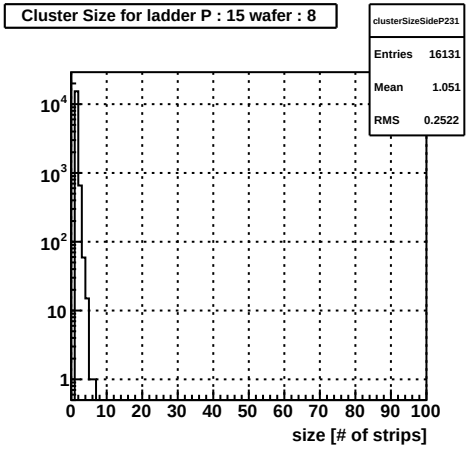

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2717
Mean 1.124
RMS 0.3903
size [# of strips]

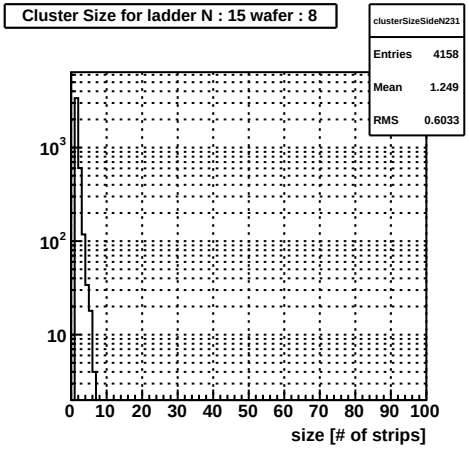

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 6
Mean 1
RMS 0
size [# of strips]

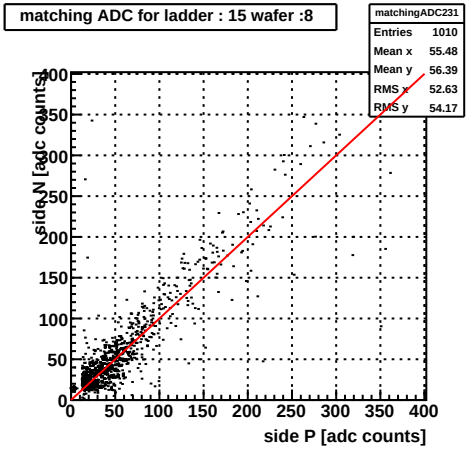

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

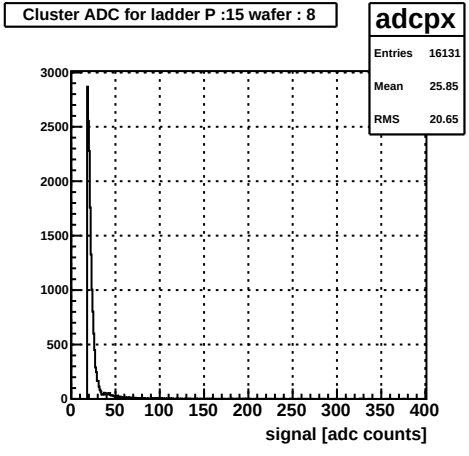

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2717
Mean 48.05
RMS 47.62
signal [adc counts]

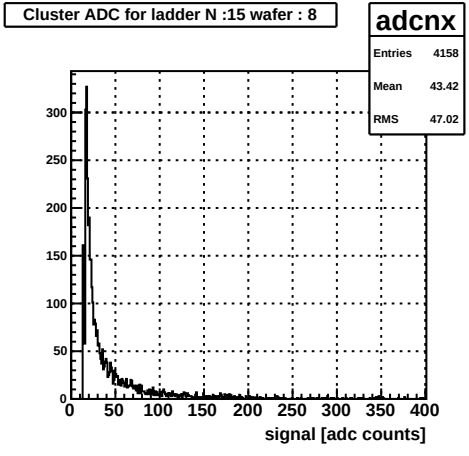

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 6
Mean 17.5
RMS 0
signal [adc counts]

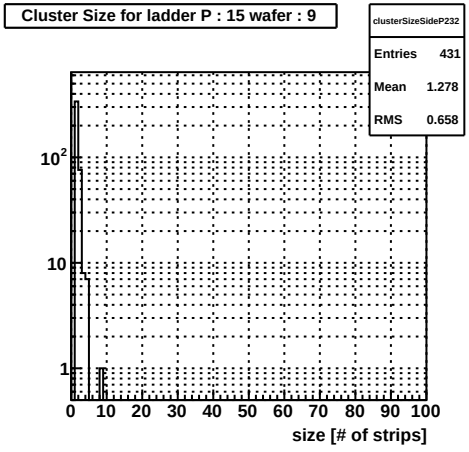

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 16131
Mean 1.051
RMS 0.2522
size [# of strips]

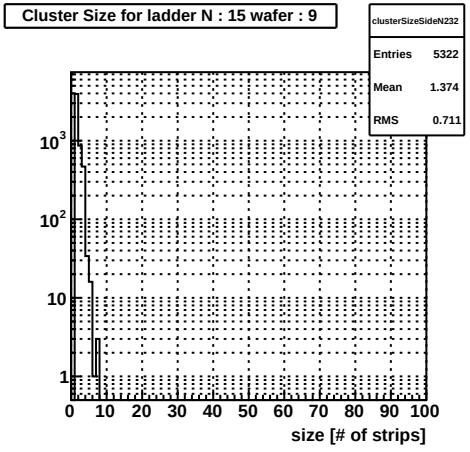

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4158
Mean 1.249
RMS 0.6033
size [# of strips]

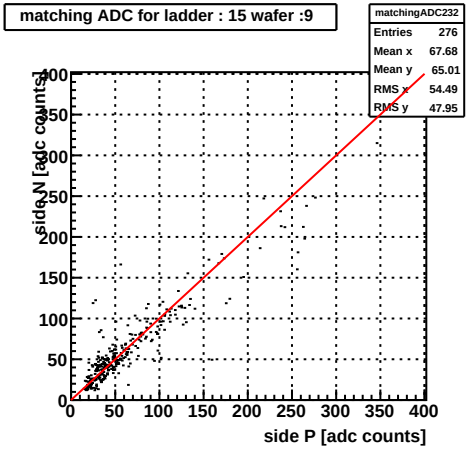

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1010
Mean x 55.48
Mean y 56.39
RMS x 52.63
RMS y 54.17
side N [adc counts]
side P [adc counts]

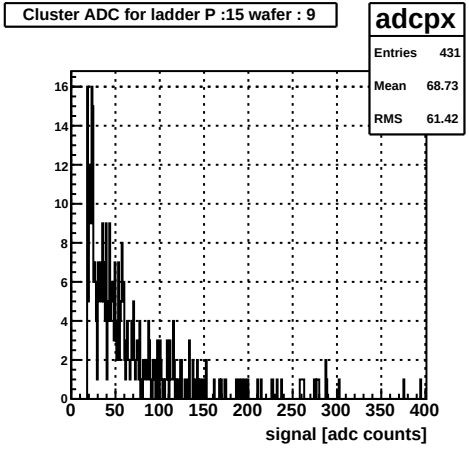

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 16131
Mean 25.85
RMS 20.65
signal [adc counts]

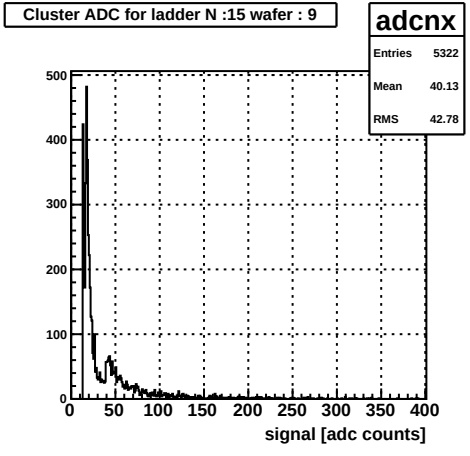

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4158
Mean 43.42
RMS 47.02
signal [adc counts]

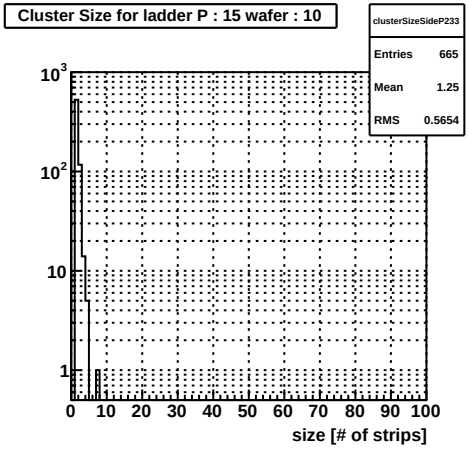

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 431
Mean 1.278
RMS 0.658
size [# of strips]

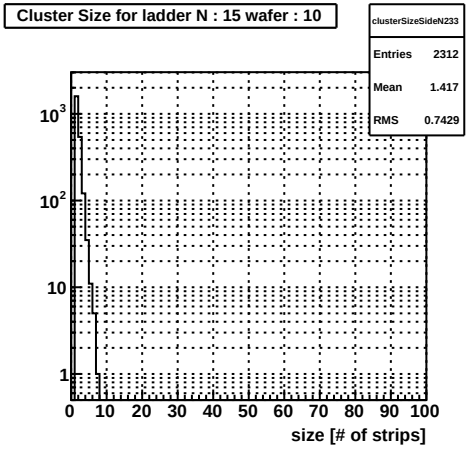

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5322
Mean 1.374
RMS 0.711
size [# of strips]

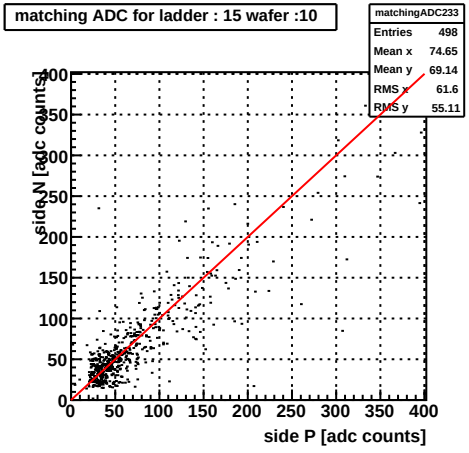

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 276
Mean x 67.68
Mean y 65.01
RMS x 54.49
RMS y 47.95
side N [adc counts]
side P [adc counts]

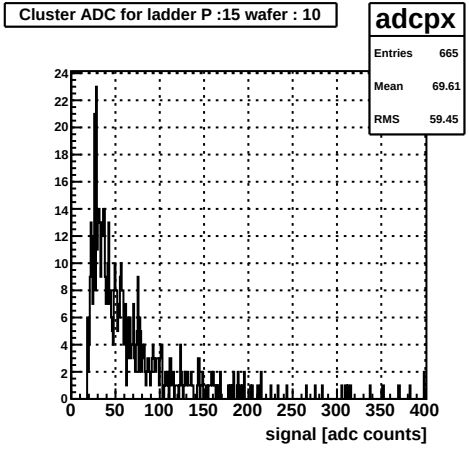

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 431
Mean 68.73
RMS 61.42
signal [adc counts]

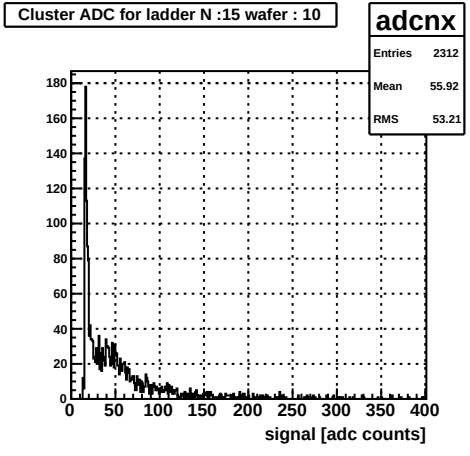

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5322
Mean 40.13
RMS 42.78
signal [adc counts]

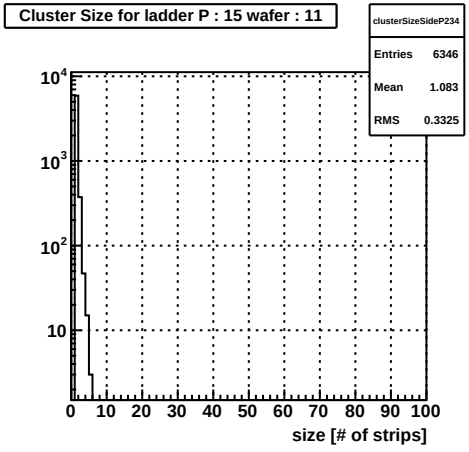

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 665
Mean 1.25
RMS 0.5654
size [# of strips]

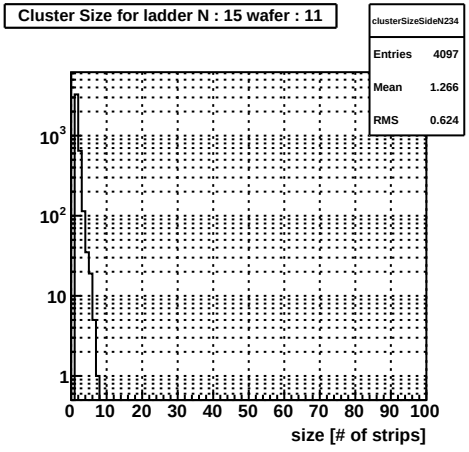

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2312
Mean 1.417
RMS 0.7429
size [# of strips]

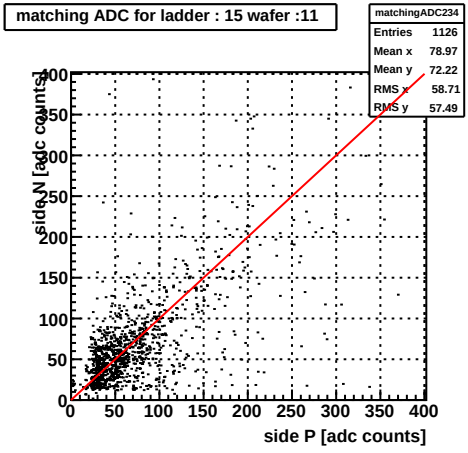

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 498
Mean x 74.65
Mean y 69.14
RMS x 61.6
RMS y 55.11
side N [adc counts]
side P [adc counts]

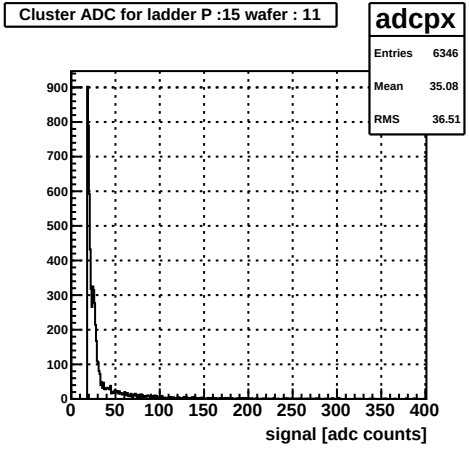

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 665
Mean 69.61
RMS 59.45
signal [adc counts]

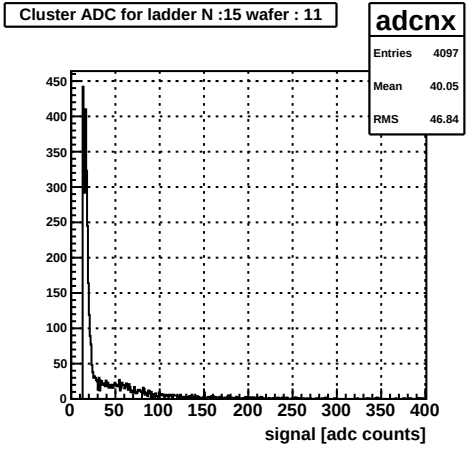

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2312
Mean 55.92
RMS 53.21
signal [adc counts]

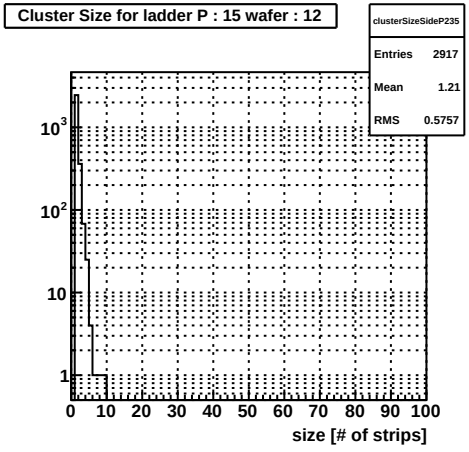

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6346
Mean 1.083
RMS 0.3325
size [# of strips]

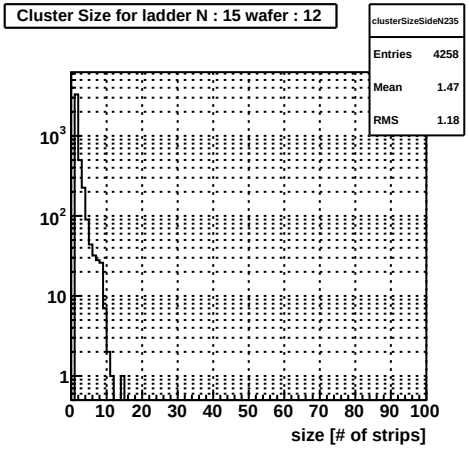

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4097
Mean 1.266
RMS 0.624
size [# of strips]

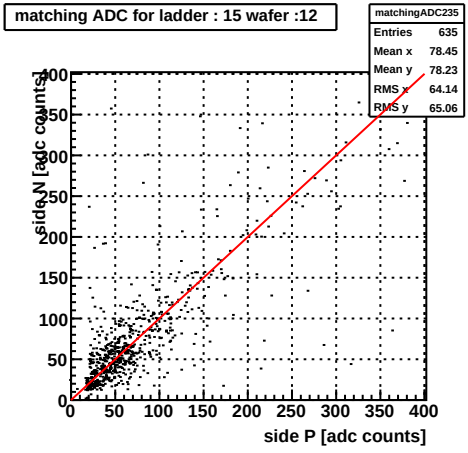

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1126
Mean x 78.97
Mean y 72.22
RMS x 58.71
RMS y 57.49
side N [adc counts]
side P [adc counts]

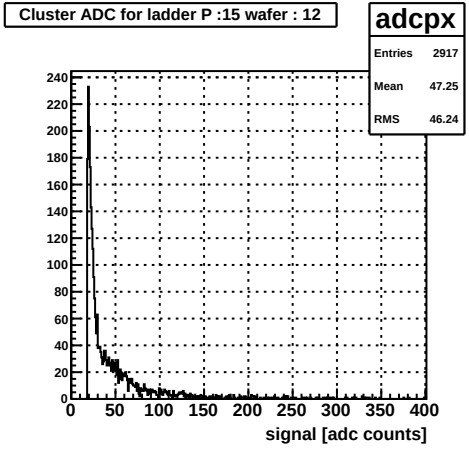

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6346
Mean 35.08
RMS 36.51
signal [adc counts]

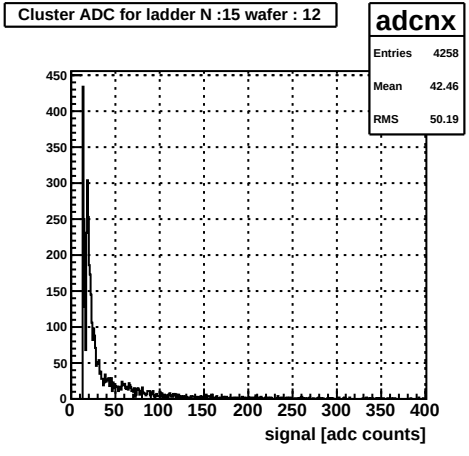

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4097
Mean 40.05
RMS 46.84
signal [adc counts]

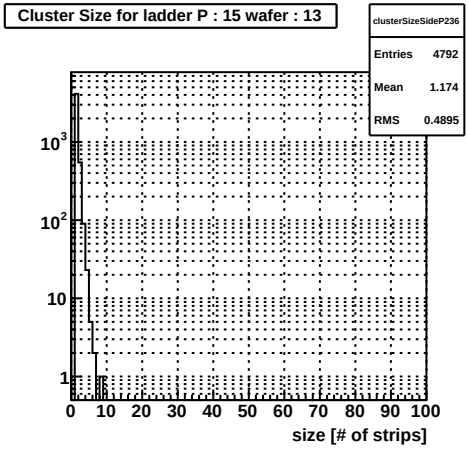

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2917
Mean 1.21
RMS 0.5757
size [# of strips]

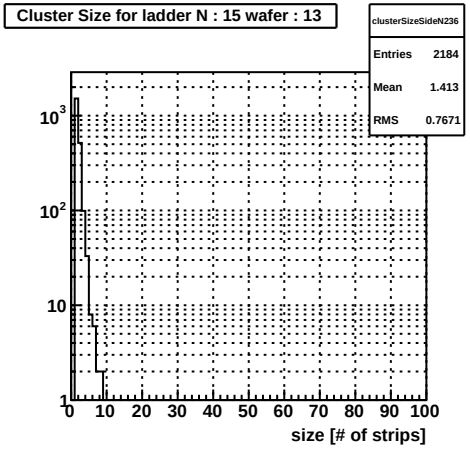

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4258
Mean 1.47
RMS 1.18
size [# of strips]

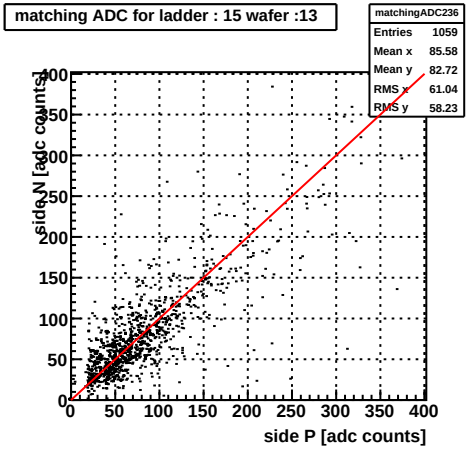

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 635
Mean x 78.45
Mean y 78.23
RMS x 64.14
RMS y 65.06
side N [adc counts]
side P [adc counts]

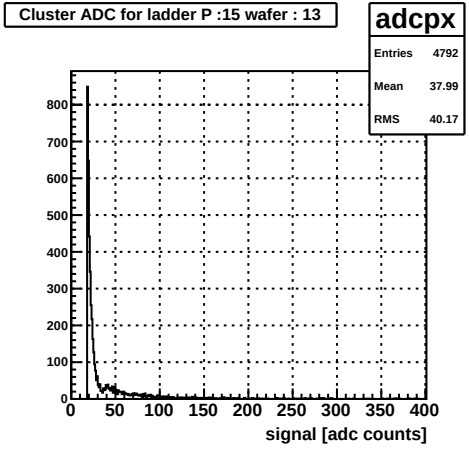

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2917
Mean 47.25
RMS 46.24
signal [adc counts]

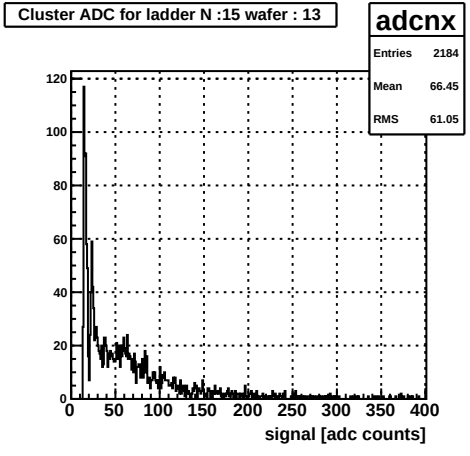

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4258
Mean 42.46
RMS 50.19
signal [adc counts]

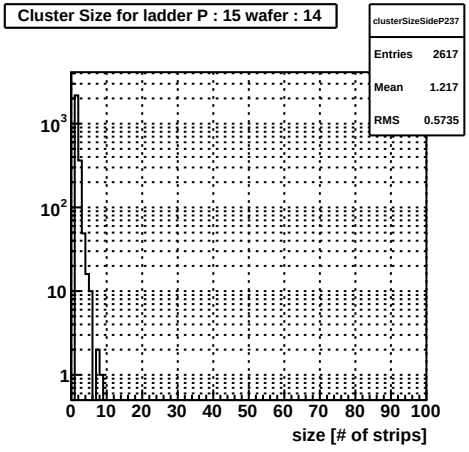

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4792
Mean 1.174
RMS 0.4895
size [# of strips]

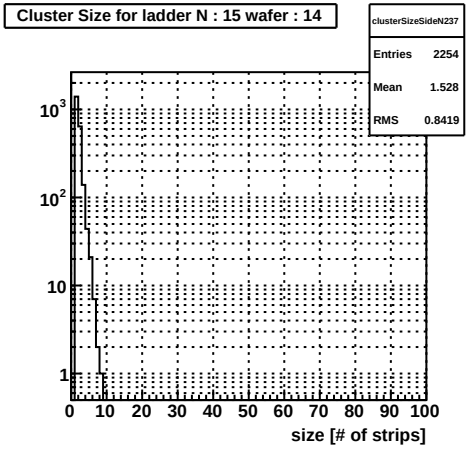

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2184
Mean 1.413
RMS 0.7671
size [# of strips]

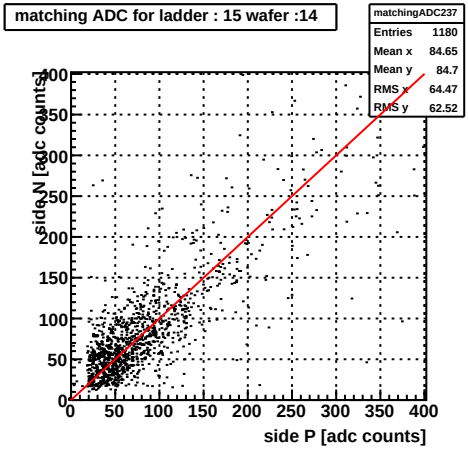

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1059
Mean x 85.58
Mean y 82.72
RMS x 61.04
RMS y 58.23
side N [adc counts]
side P [adc counts]

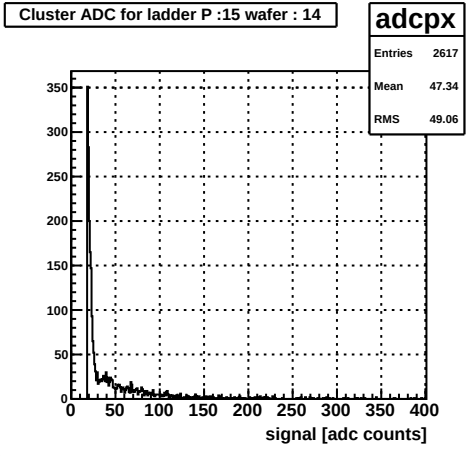

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4792
Mean 37.99
RMS 40.17
signal [adc counts]

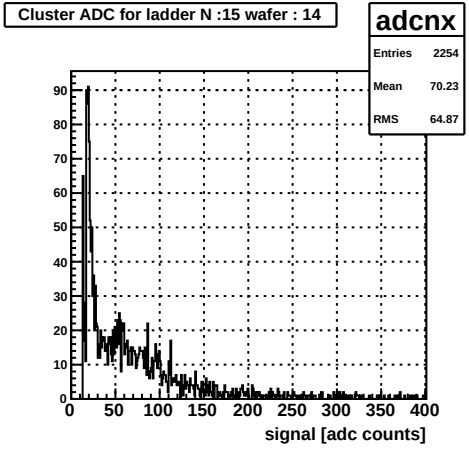

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2184
Mean 66.45
RMS 61.05
signal [adc counts]

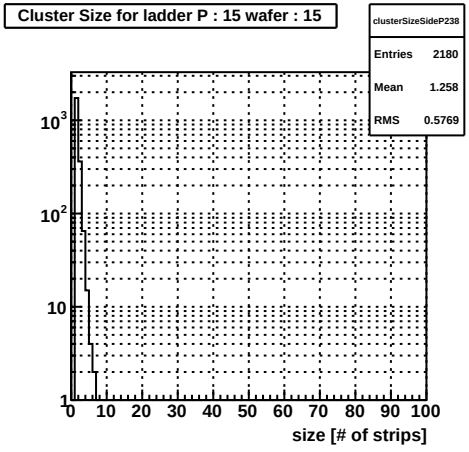

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2617
Mean 1.217
RMS 0.5735
size [# of strips]

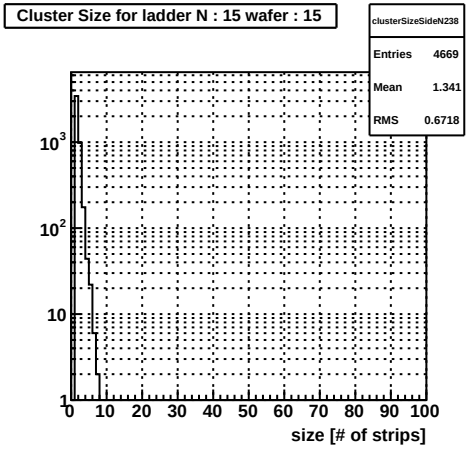

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2254
Mean 1.528
RMS 0.8419
size [# of strips]

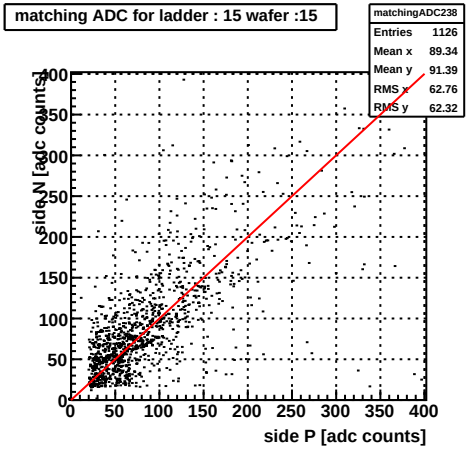

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1180
Mean x 84.65
Mean y 84.7
RMS x 64.47
RMS y 62.52
side N [adc counts]
side P [adc counts]

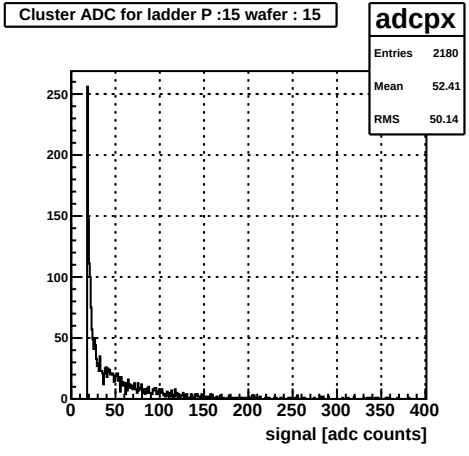

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2617
Mean 47.34
RMS 49.06
signal [adc counts]

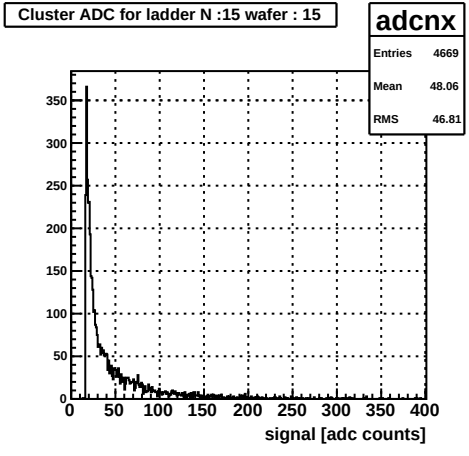

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2254
Mean 70.23
RMS 64.87
signal [adc counts]

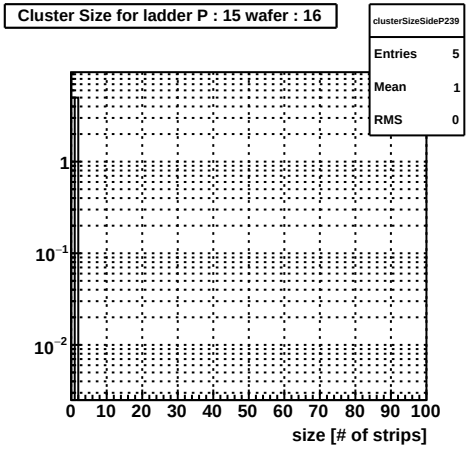

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2180
Mean 1.258
RMS 0.5769
size [# of strips]

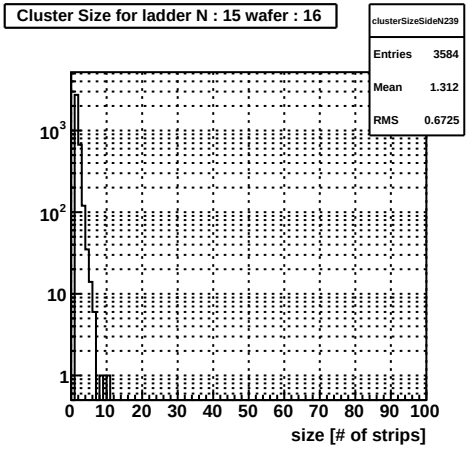

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4669
Mean 1.341
RMS 0.6718
size [# of strips]

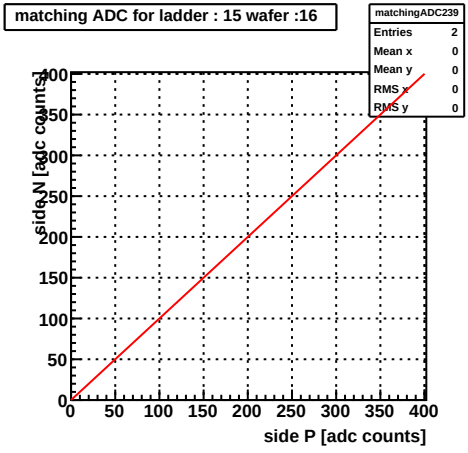

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1126
Mean x 89.34
Mean y 91.39
RMS x 62.76
RMS y 62.32
side N [adc counts]
side P [adc counts]

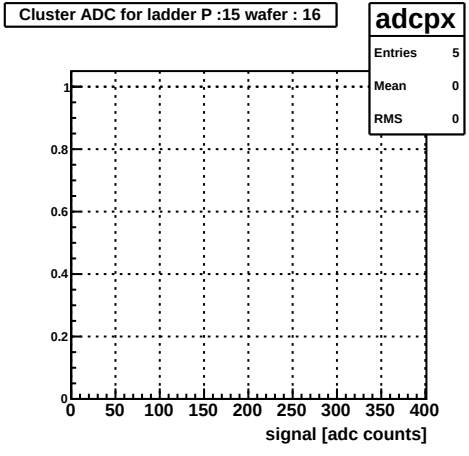

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2180
Mean 52.41
RMS 50.14
signal [adc counts]

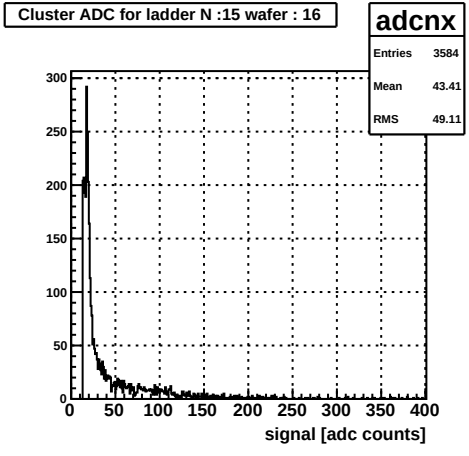

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4669
Mean 48.06
RMS 46.81
signal [adc counts]

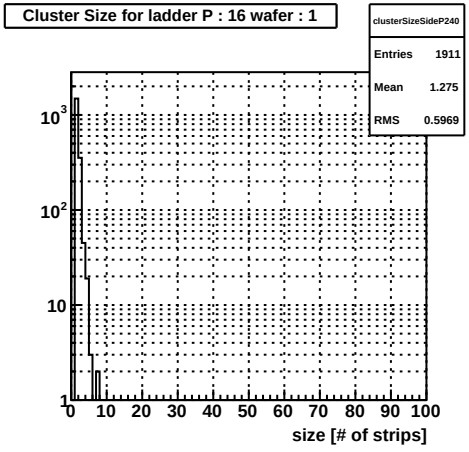

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 5
Mean 1
RMS 0
size [# of strips]

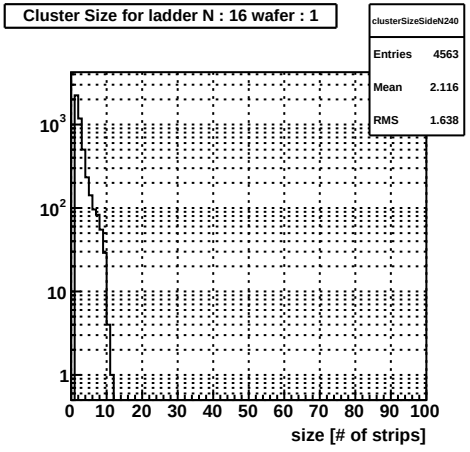

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3584
Mean 1.312
RMS 0.6725
size [# of strips]

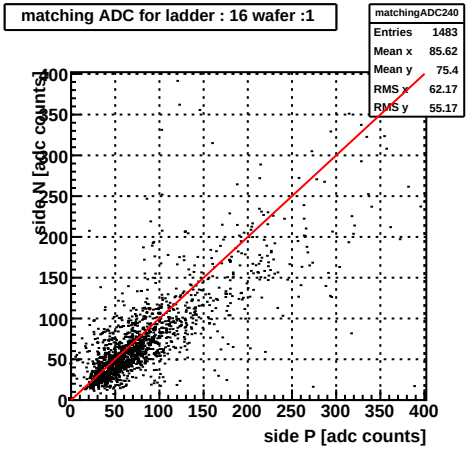

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

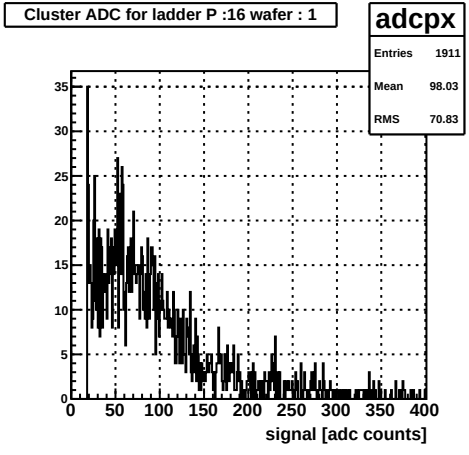

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

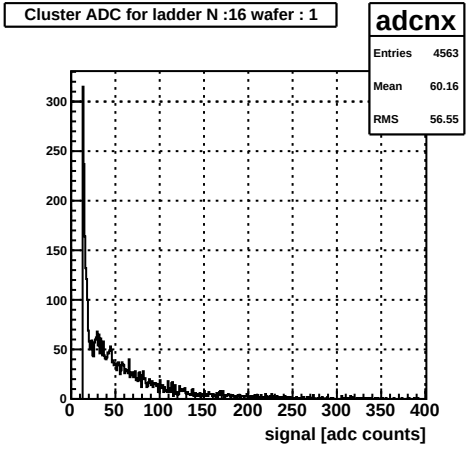

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3584
Mean 43.41
RMS 49.11
signal [adc counts]

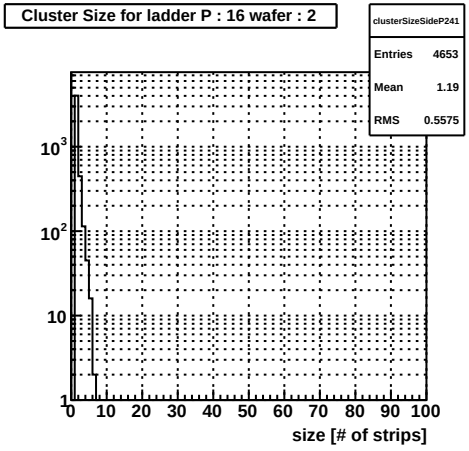

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1911
Mean 1.275
RMS 0.5969
size [# of strips]

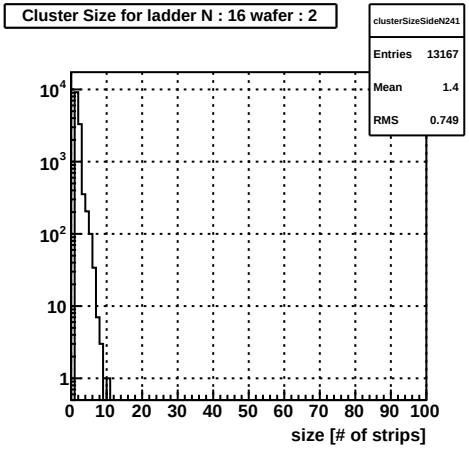

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4563
Mean 2.116
RMS 1.638
size [# of strips]

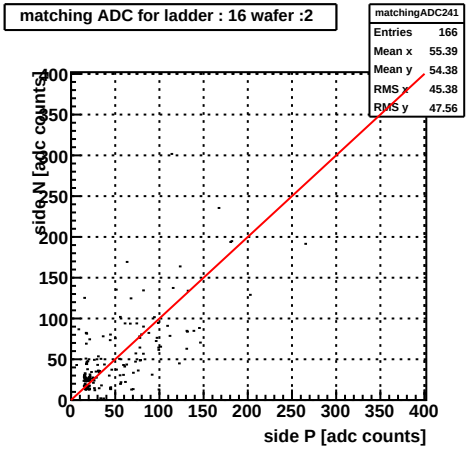

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1483
Mean x 85.62
Mean y 75.4
RMS x 62.17
RMS y 55.17
side N [adc counts]
side P [adc counts]

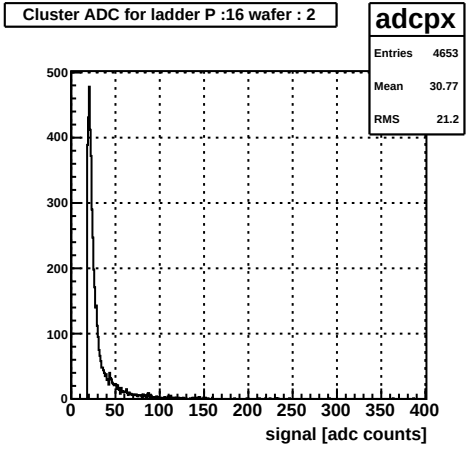

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1911
Mean 98.03
RMS 70.83
signal [adc counts]

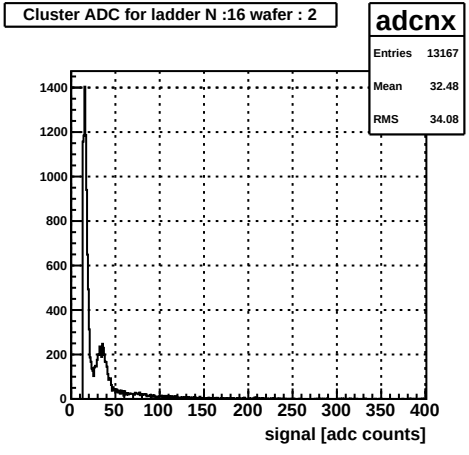

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4563
Mean 60.16
RMS 56.55
signal [adc counts]

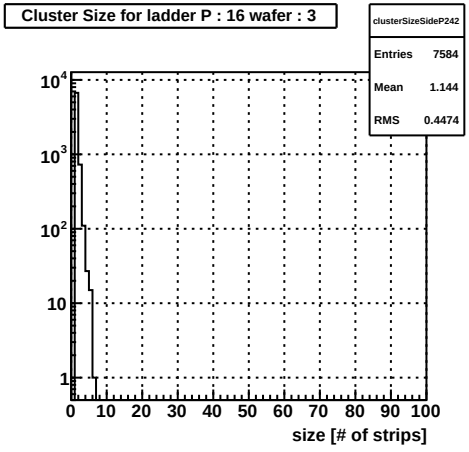

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4653
Mean 1.19
RMS 0.5575
size [# of strips]

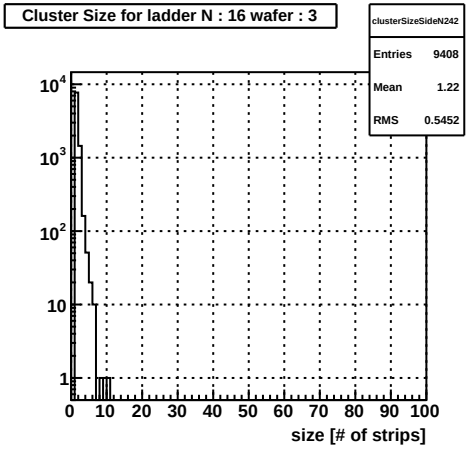

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 13167
Mean 1.4
RMS 0.749
size [# of strips]

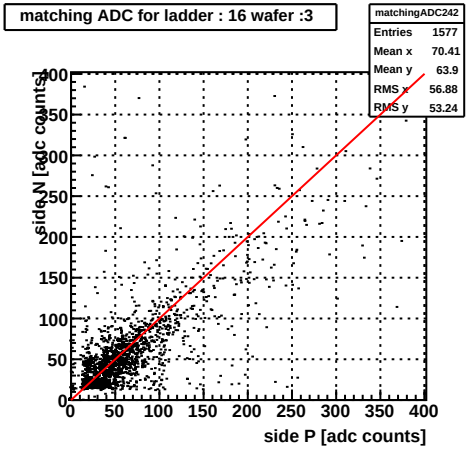

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 166
Mean x 55.39
Mean y 54.38
RMS x 45.38
RMS y 47.56
side N [adc counts]
side P [adc counts]

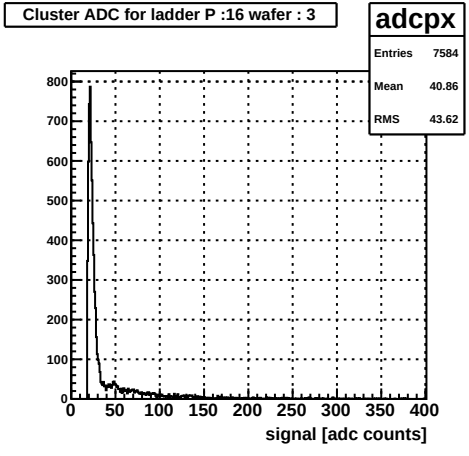

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4653
Mean 30.77
RMS 21.2
signal [adc counts]

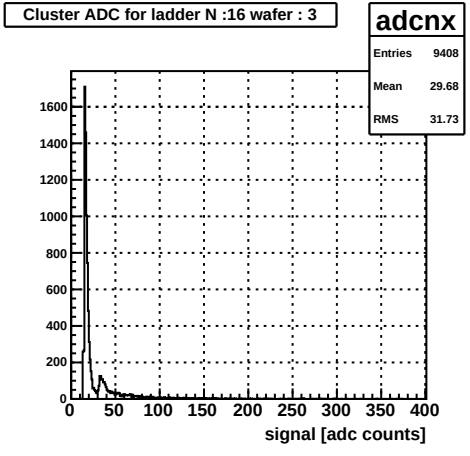

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 13167
Mean 32.48
RMS 34.08
signal [adc counts]

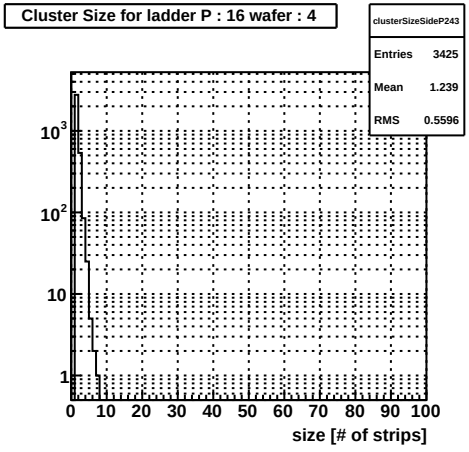

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7584
Mean 1.144
RMS 0.4474
size [# of strips]

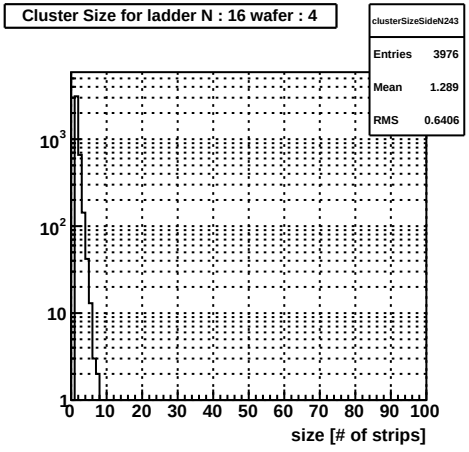

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 9408
Mean 1.22
RMS 0.5452
size [# of strips]

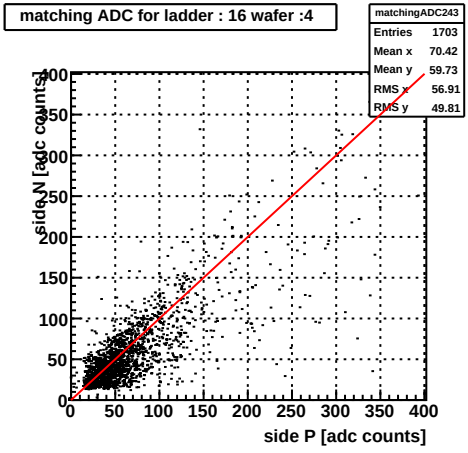

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1577
Mean x 70.41
Mean y 63.9
RMS x 56.88
RMS y 53.24
side N [adc counts]
side P [adc counts]

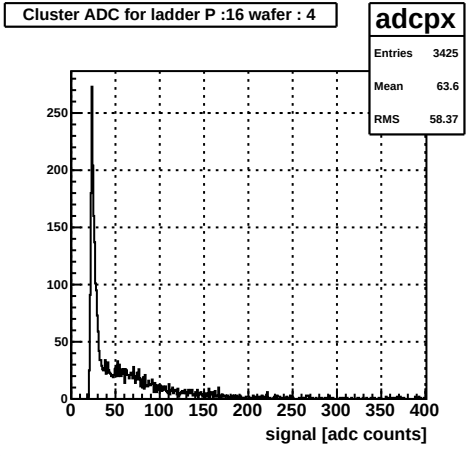

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7584
Mean 40.86
RMS 43.62
signal [adc counts]

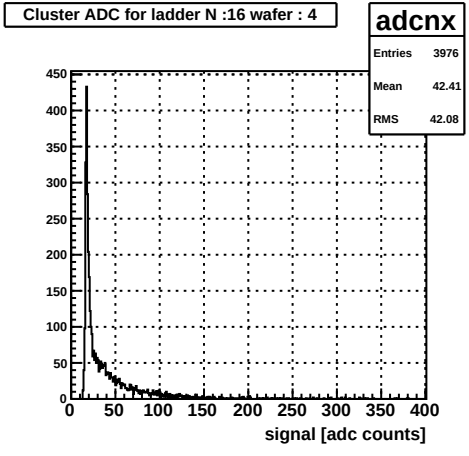

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 9408
Mean 29.68
RMS 31.73
signal [adc counts]

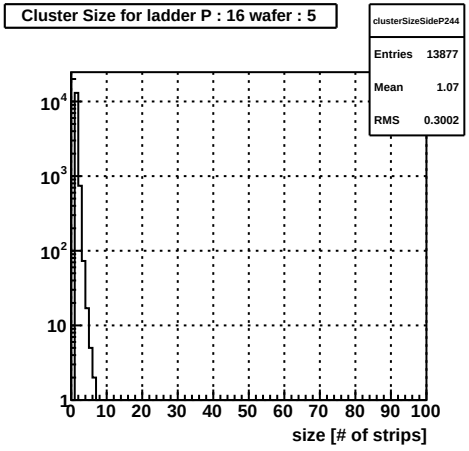

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3425
Mean 1.239
RMS 0.5596
size [# of strips]

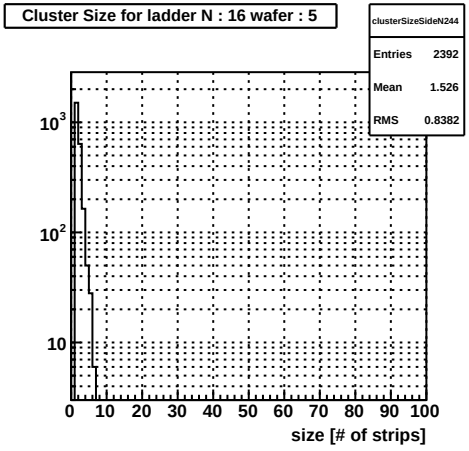

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 3976
Mean 1.289
RMS 0.6406
size [# of strips]

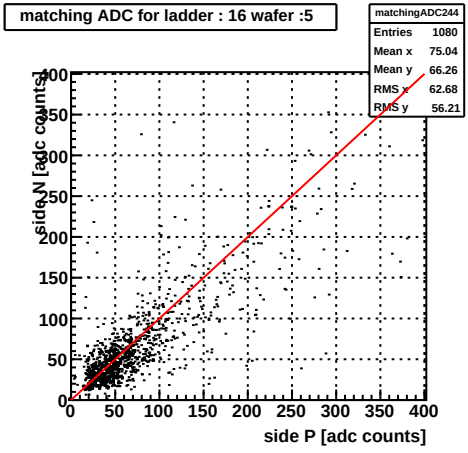

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1703
Mean x 70.42
Mean y 59.73
RMS x 56.91
RMS y 49.81
side N [adc counts]
side P [adc counts]

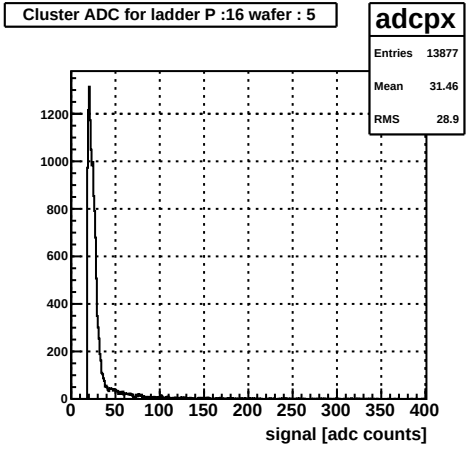

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3425
Mean 63.6
RMS 58.37
signal [adc counts]

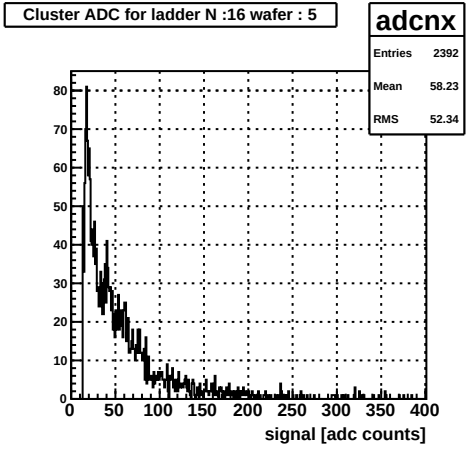

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 3976
Mean 42.41
RMS 42.08
signal [adc counts]

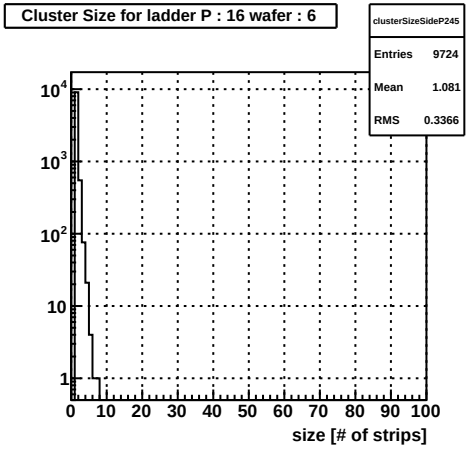

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 13877
Mean 1.07
RMS 0.3002
size [# of strips]

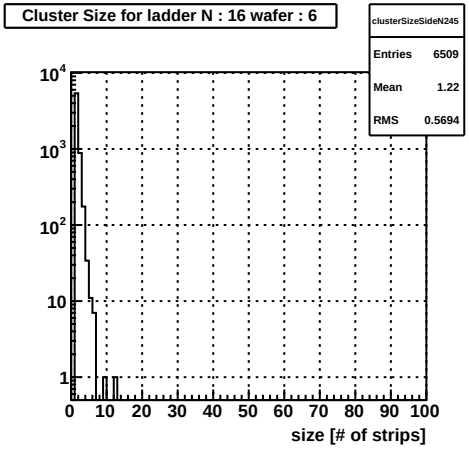

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2392
Mean 1.526
RMS 0.8382
size [# of strips]

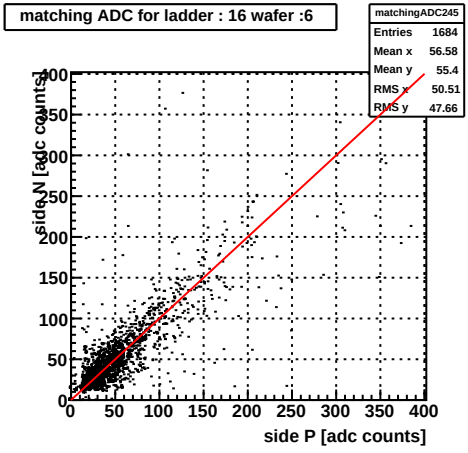

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1080
Mean x 75.04
Mean y 66.26
RMS x 62.68
RMS y 56.21
side N [adc counts]
side P [adc counts]

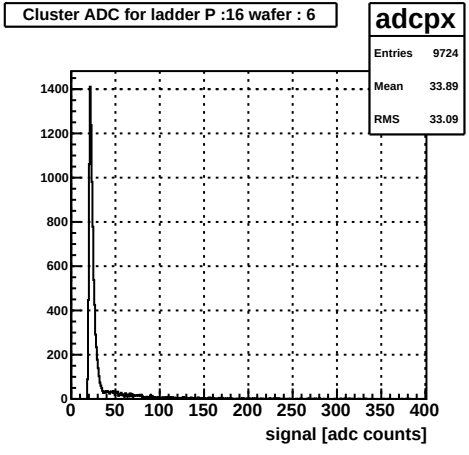

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 13877
Mean 31.46
RMS 28.9
signal [adc counts]

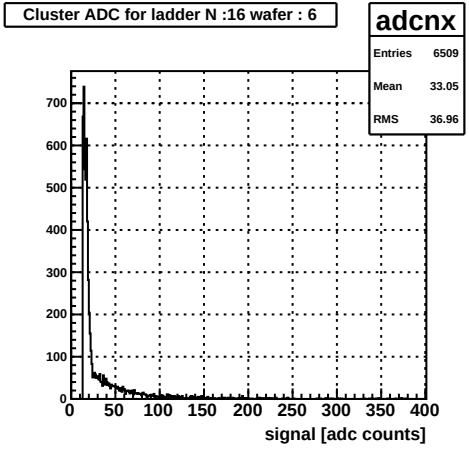

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2392
Mean 58.23
RMS 52.34
signal [adc counts]

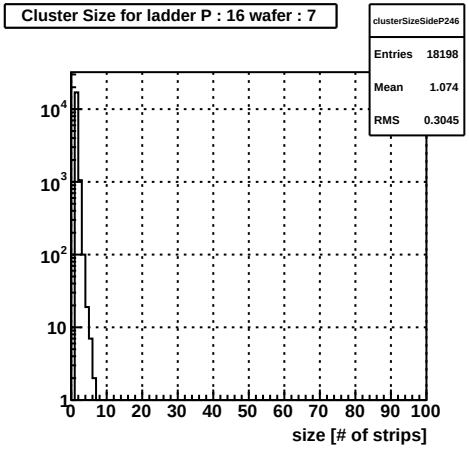

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9724
Mean 1.081
RMS 0.3366
size [# of strips]

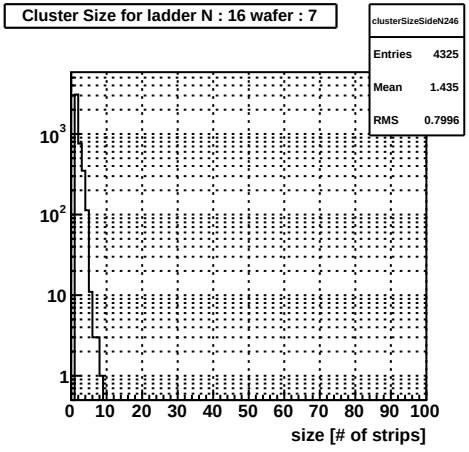

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6509
Mean 1.22
RMS 0.5694
size [# of strips]

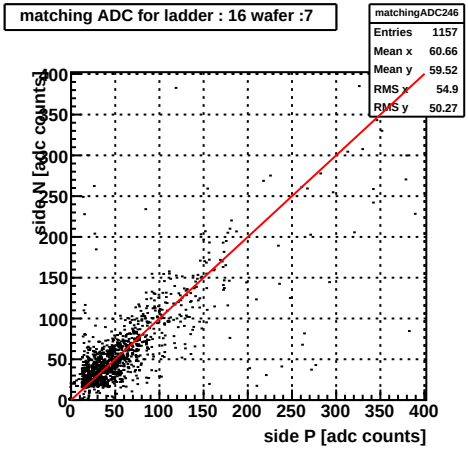

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1684
Mean x 56.58
Mean y 55.4
RMS x 50.51
RMS y 47.66
side N [adc counts]
side P [adc counts]

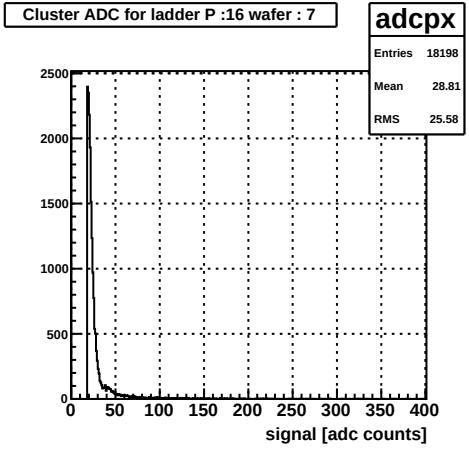

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9724
Mean 33.89
RMS 33.09
signal [adc counts]

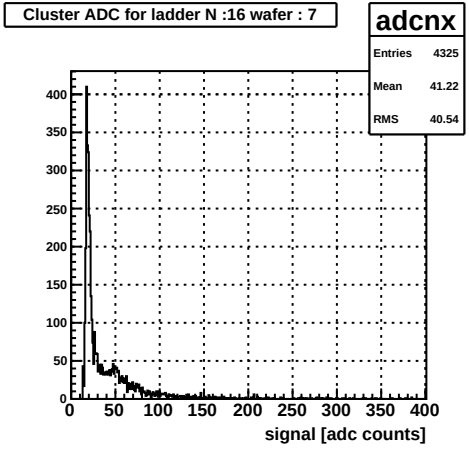

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6509
Mean 33.05
RMS 36.96
signal [adc counts]

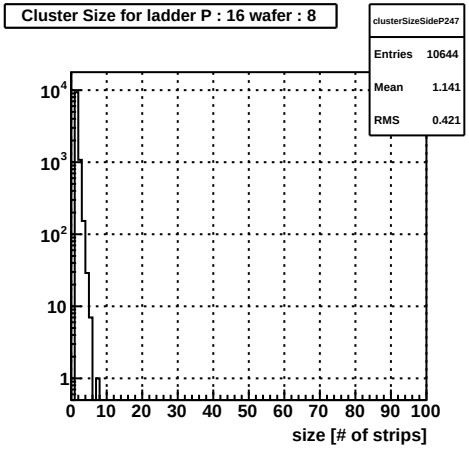

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 18198
Mean 1.074
RMS 0.3045
size [# of strips]

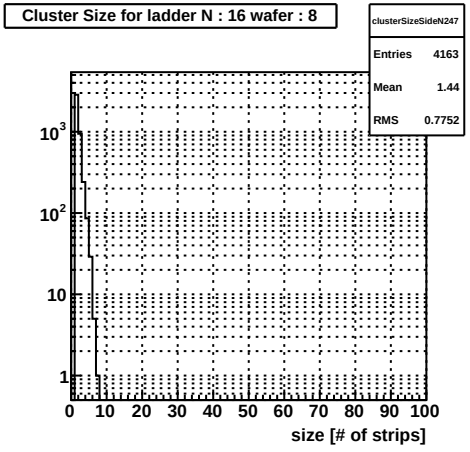

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4325
Mean 1.435
RMS 0.7996
size [# of strips]

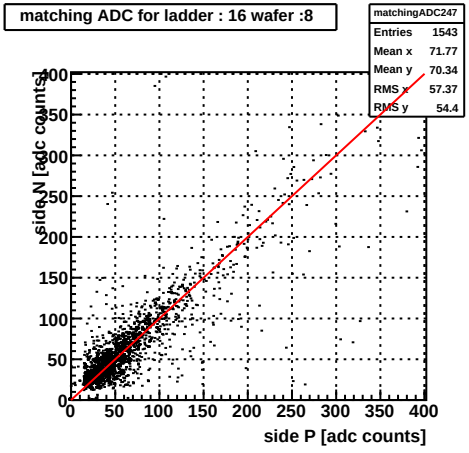

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1157
Mean x 60.66
Mean y 59.52
RMS x 54.9
RMS y 50.27
side N [adc counts]
side P [adc counts]

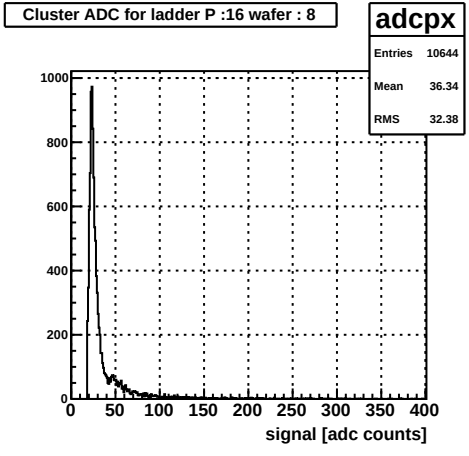

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 18198
Mean 28.81
RMS 25.58
signal [adc counts]

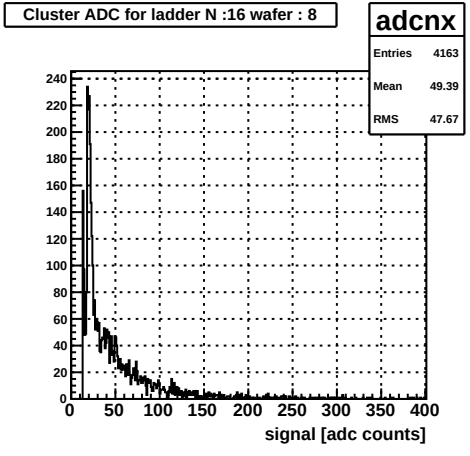

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4325
Mean 41.22
RMS 40.54
signal [adc counts]

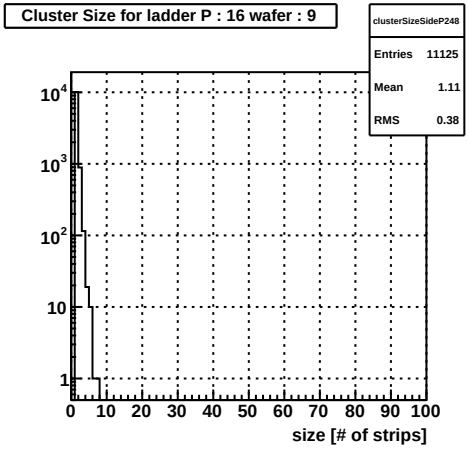

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 10644
Mean 1.141
RMS 0.421
size [# of strips]

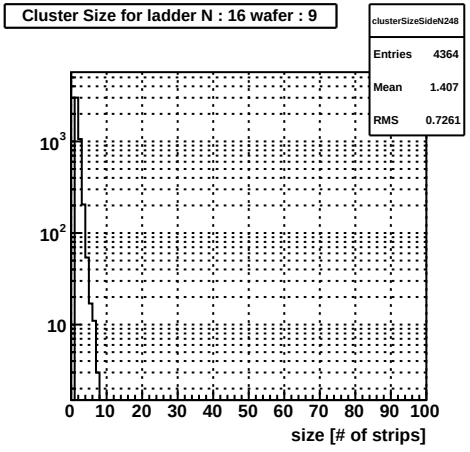

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4163
Mean 1.44
RMS 0.7752
size [# of strips]

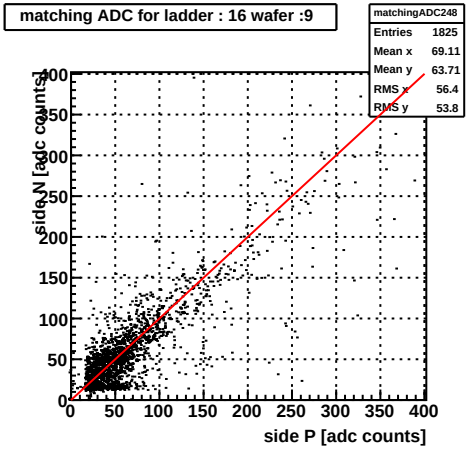

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1543
Mean x 71.77
Mean y 70.34
RMS x 57.37
RMS y 54.4
side N [adc counts]
side P [adc counts]

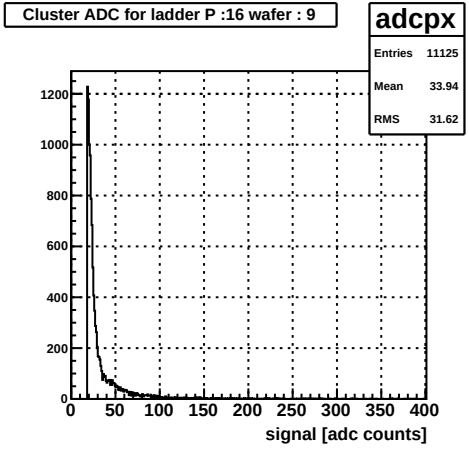

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 10644
Mean 36.34
RMS 32.38
signal [adc counts]

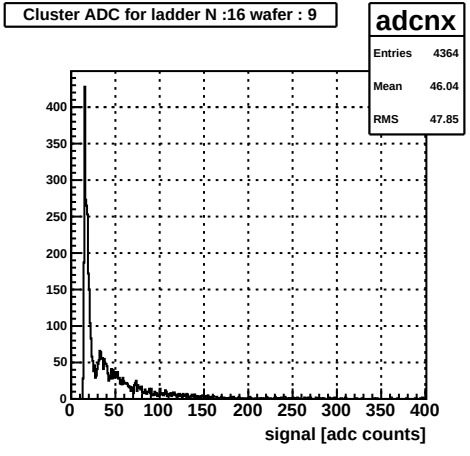

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4163
Mean 49.39
RMS 47.67
signal [adc counts]

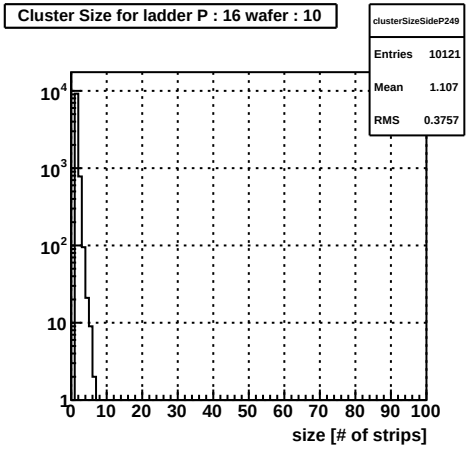

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11125
Mean 1.11
RMS 0.38
size [# of strips]

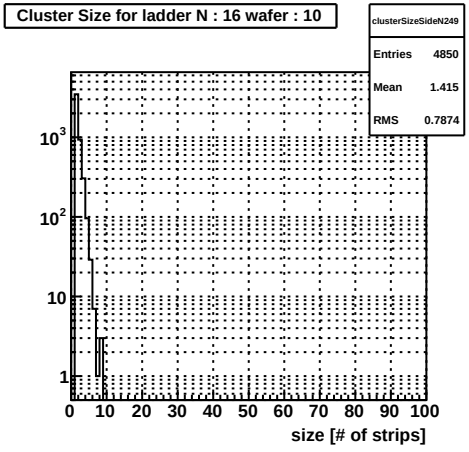

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4364
Mean 1.407
RMS 0.7261
size [# of strips]

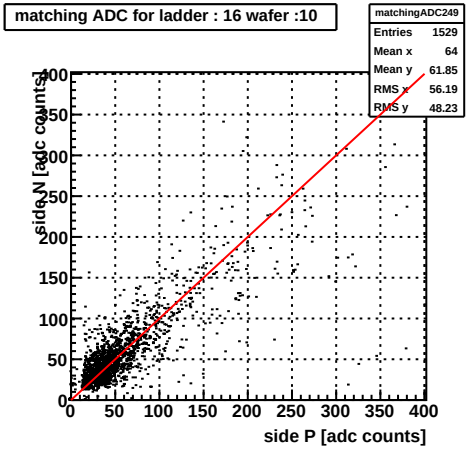

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1825
Mean x 69.11
Mean y 63.71
RMS x 56.4
RMS y 53.8
side N [adc counts]
side P [adc counts]

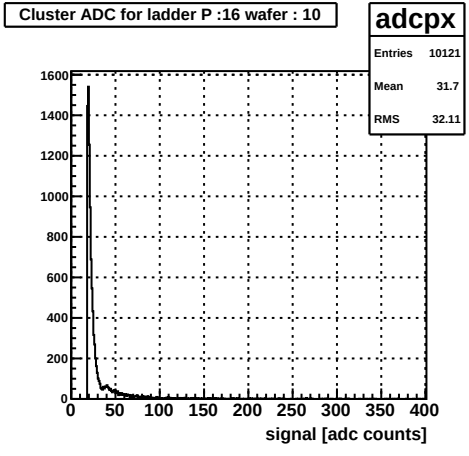

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11125
Mean 33.94
RMS 31.62
signal [adc counts]

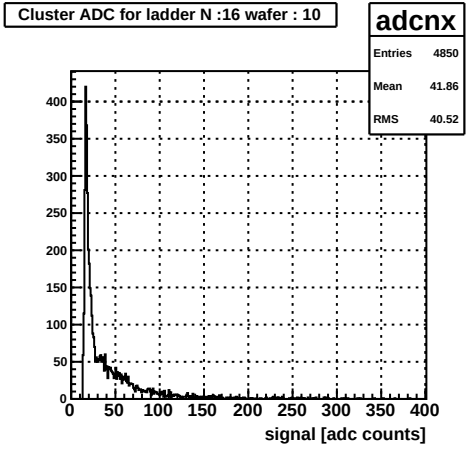

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4364
Mean 46.04
RMS 47.85
signal [adc counts]

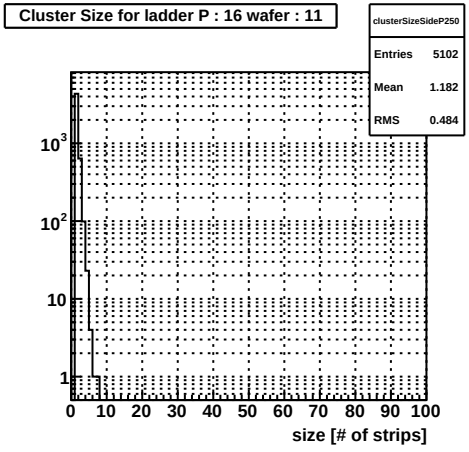

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10121
Mean 1.107
RMS 0.3757
size [# of strips]

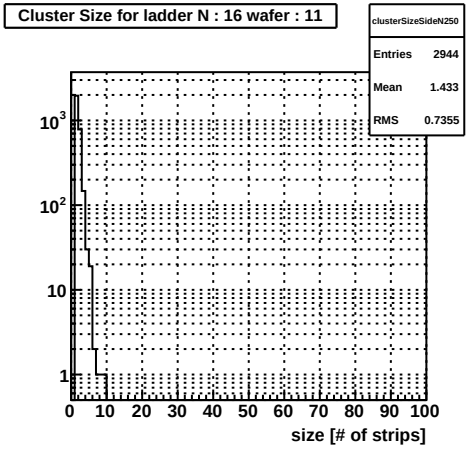

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4850
Mean 1.415
RMS 0.7874
size [# of strips]

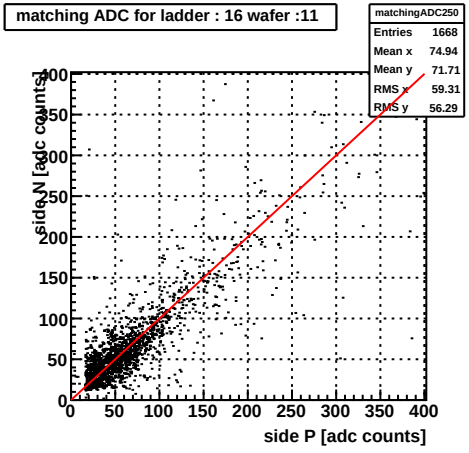

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1529
Mean x 64
Mean y 61.85
RMS x 56.19
RMS y 48.23
side N [adc counts]
side P [adc counts]

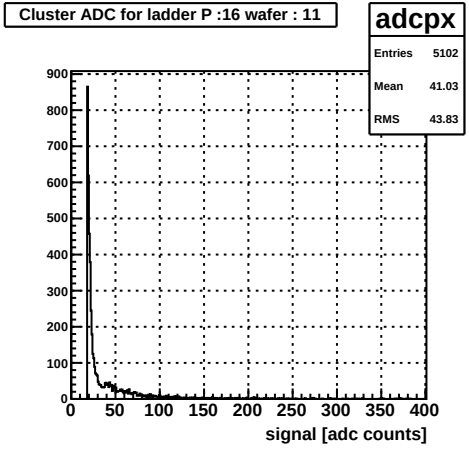

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10121
Mean 31.7
RMS 32.11
signal [adc counts]

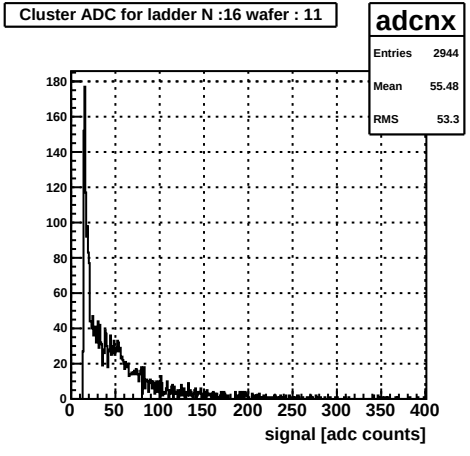

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4850
Mean 41.86
RMS 40.52
signal [adc counts]

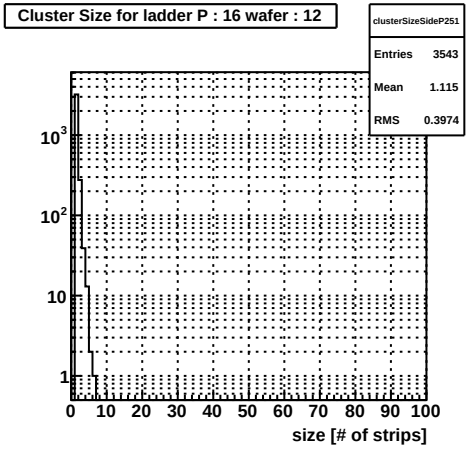

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5102
Mean 1.182
RMS 0.484
size [# of strips]

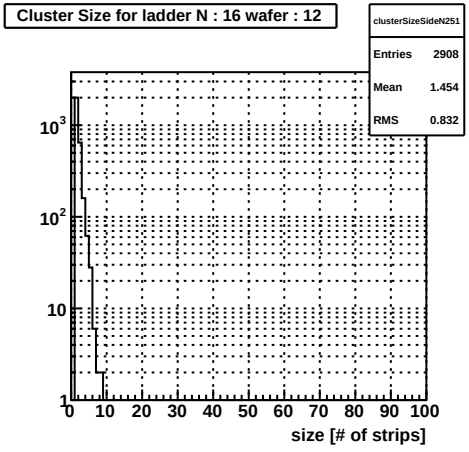

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2944
Mean 1.433
RMS 0.7355
size [# of strips]

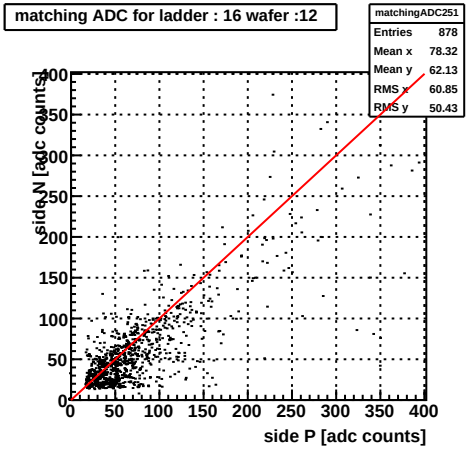

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1668
Mean x 74.94
Mean y 71.71
RMS x 59.31
RMS y 56.29
side N [adc counts]
side P [adc counts]

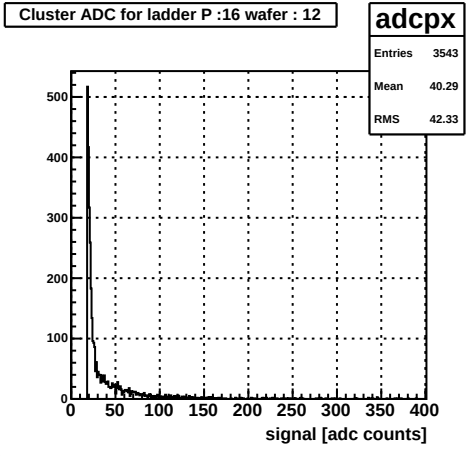

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5102
Mean 41.03
RMS 43.83
signal [adc counts]

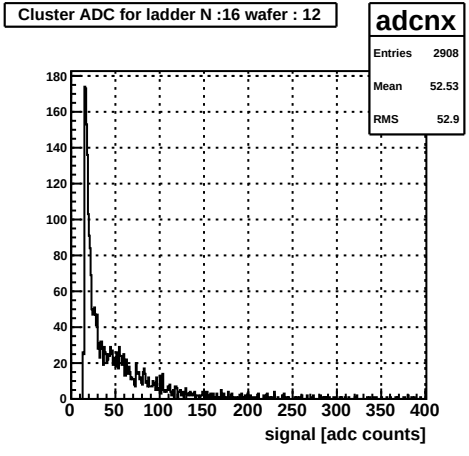

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2944
Mean 55.48
RMS 53.3
signal [adc counts]

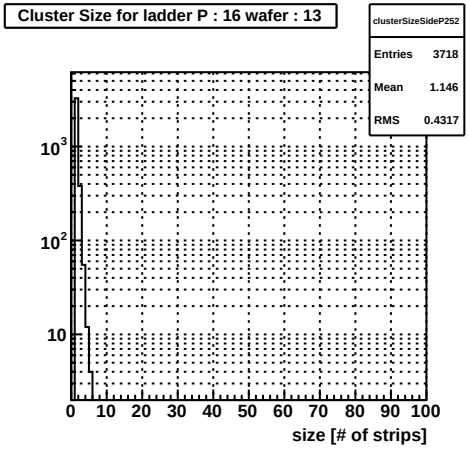

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3543
Mean 1.115
RMS 0.3974
size [# of strips]

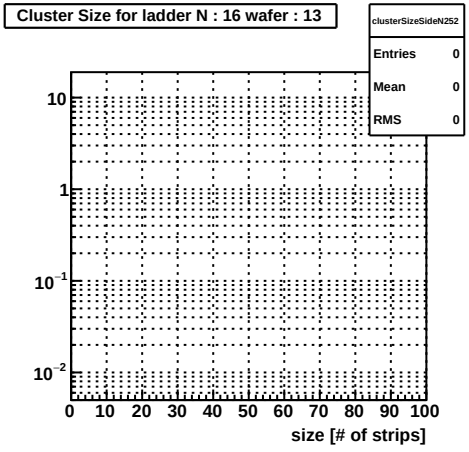

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2908
Mean 1.454
RMS 0.832
size [# of strips]

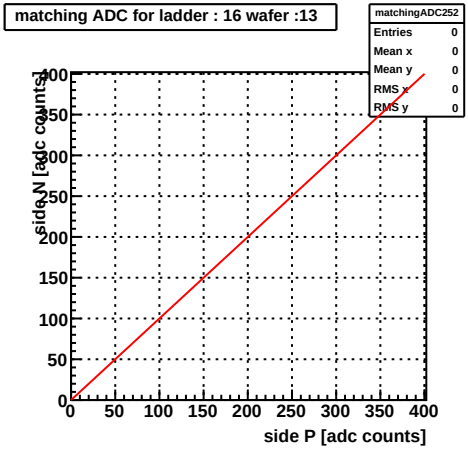

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 878
Mean x 78.32
Mean y 62.13
RMS x 60.85
RMS y 50.43
side N [adc counts]
side P [adc counts]

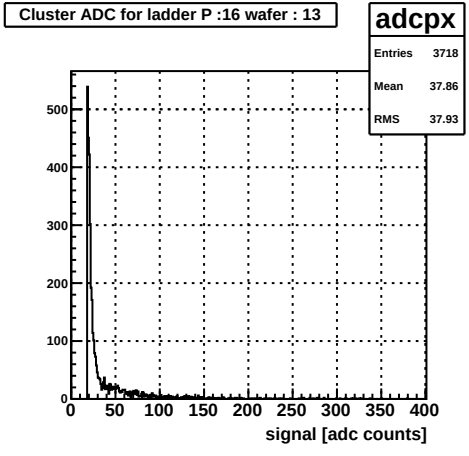

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3543
Mean 40.29
RMS 42.33
signal [adc counts]

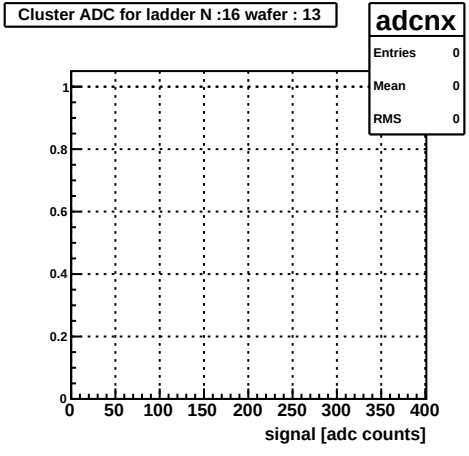

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2908
Mean 52.53
RMS 52.9
signal [adc counts]

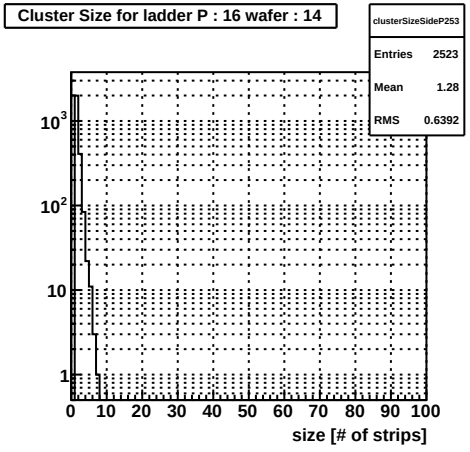

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3718
Mean 1.146
RMS 0.4317
size [# of strips]

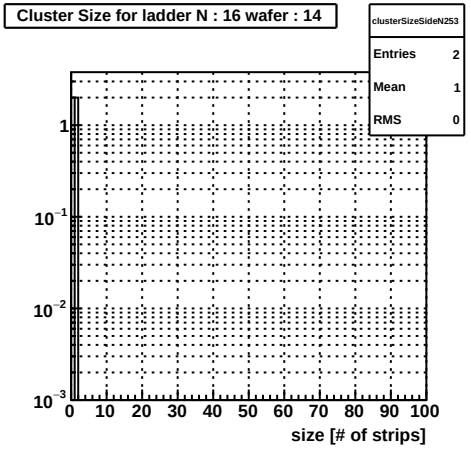

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

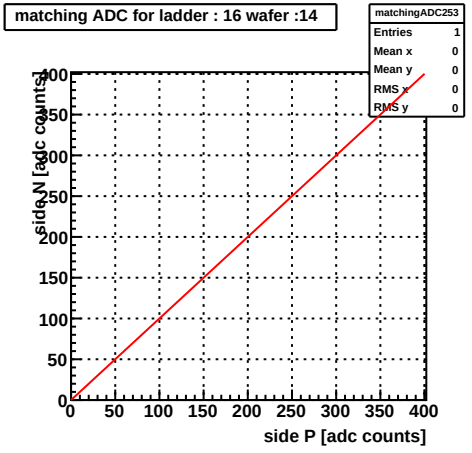

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

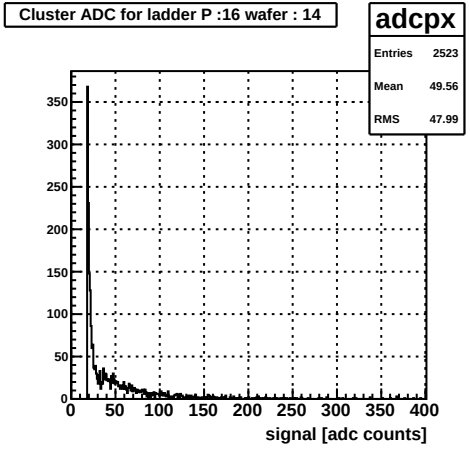

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3718
Mean 37.86
RMS 37.93
signal [adc counts]

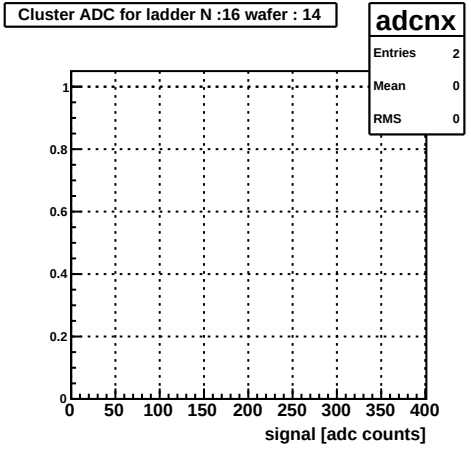

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

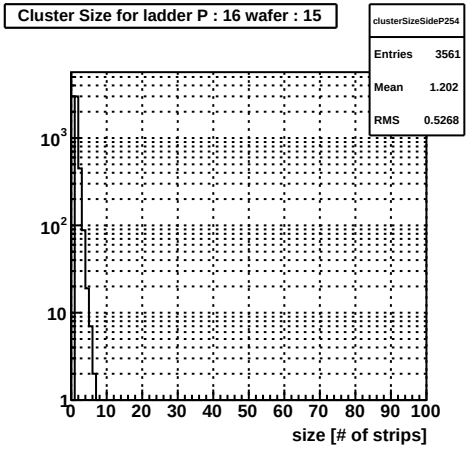

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2523
Mean 1.28
RMS 0.6392
size [# of strips]

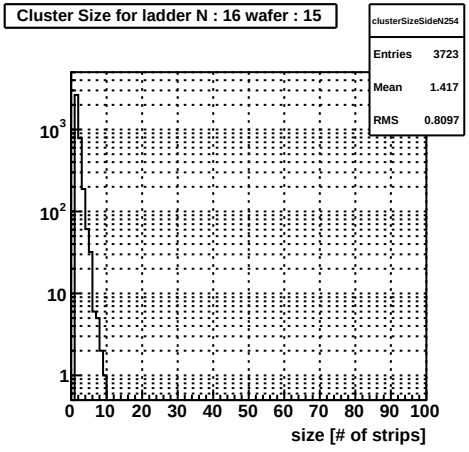

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

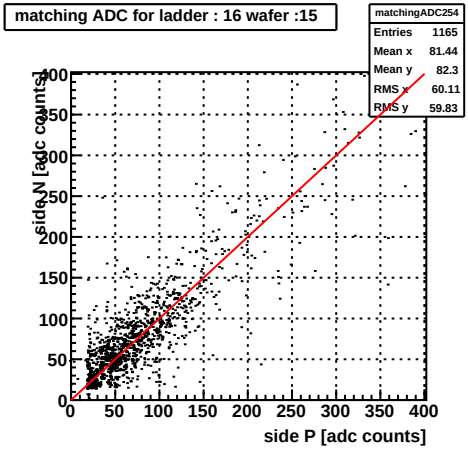

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

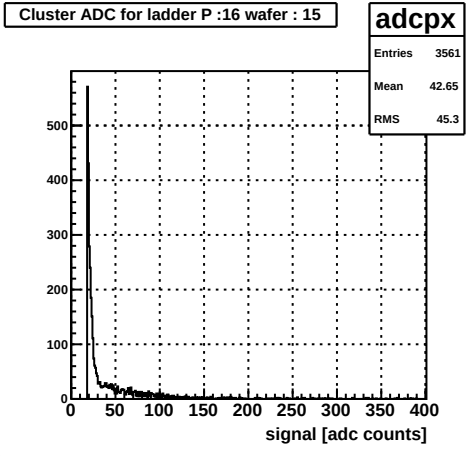

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2523
Mean 49.56
RMS 47.99
signal [adc counts]

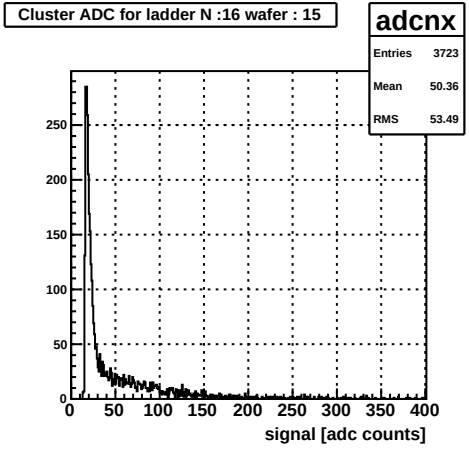

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

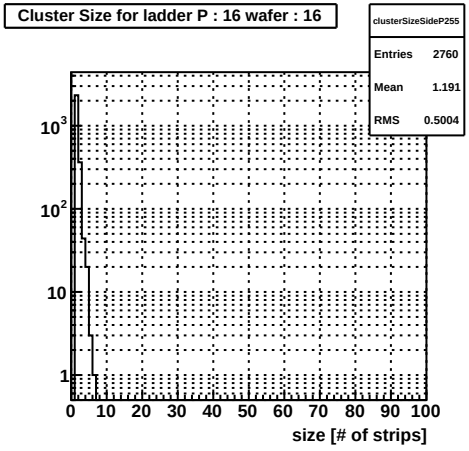

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3561
Mean 1.202
RMS 0.5268
size [# of strips]

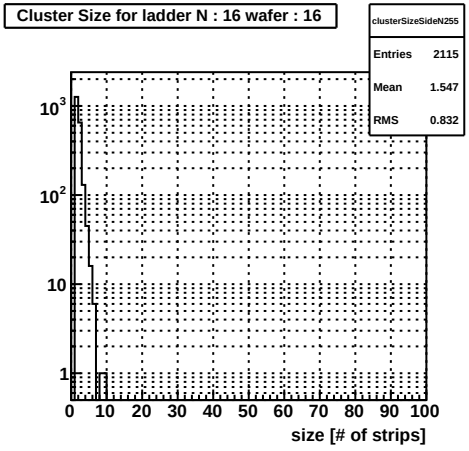

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3723
Mean 1.417
RMS 0.8097
size [# of strips]

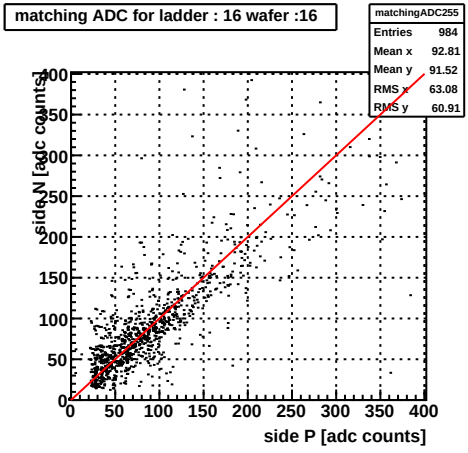

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1165
Mean x 81.44
Mean y 82.3
RMS x 60.11
RMS y 59.83
side N [adc counts]
side P [adc counts]

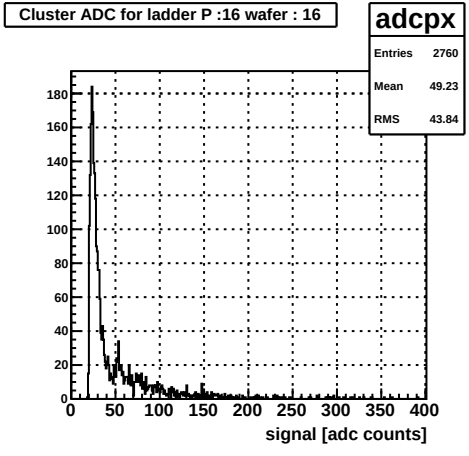

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3561
Mean 42.65
RMS 45.3
signal [adc counts]

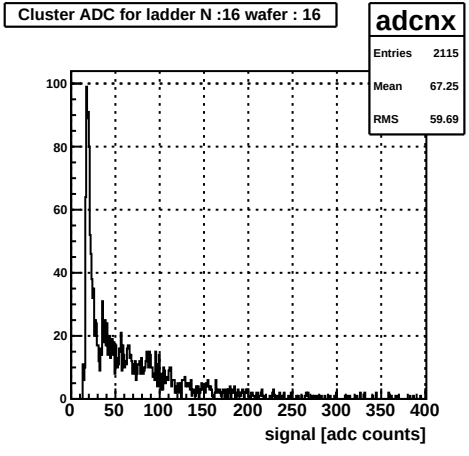

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3723
Mean 50.36
RMS 53.49
signal [adc counts]

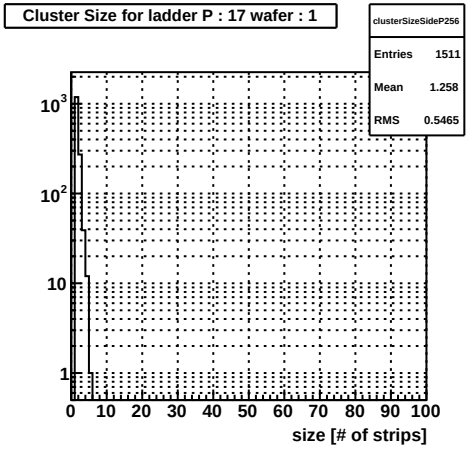

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2760
Mean 1.191
RMS 0.5004
size [# of strips]

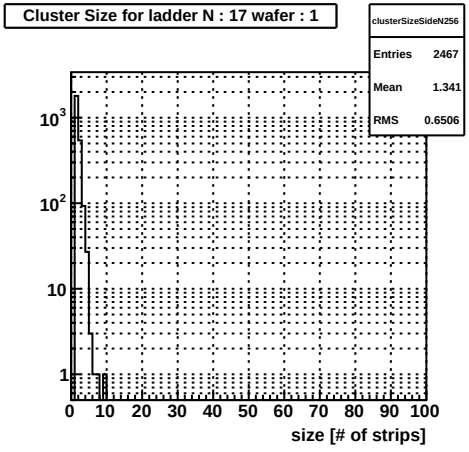

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2115
Mean 1.547
RMS 0.832
size [# of strips]

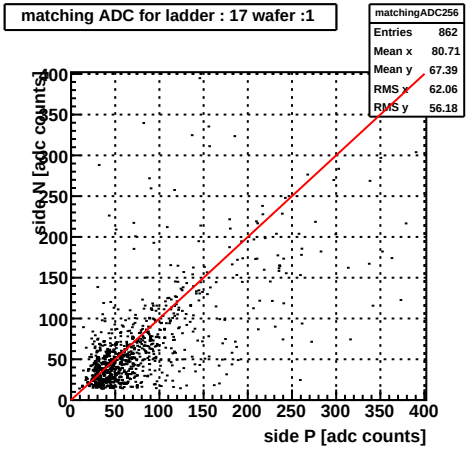

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 984
Mean x 92.81
Mean y 91.52
RMS x 63.08
RMS y 60.91
side N [adc counts]
side P [adc counts]

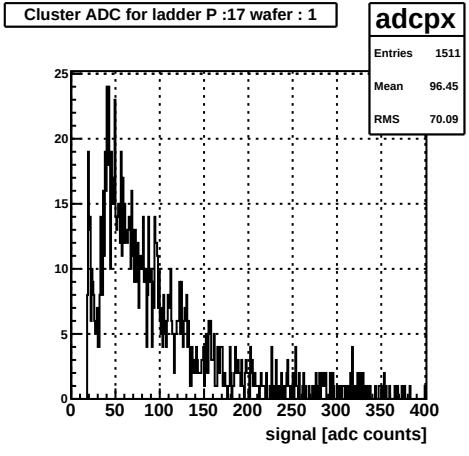

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2760
Mean 49.23
RMS 43.84
signal [adc counts]

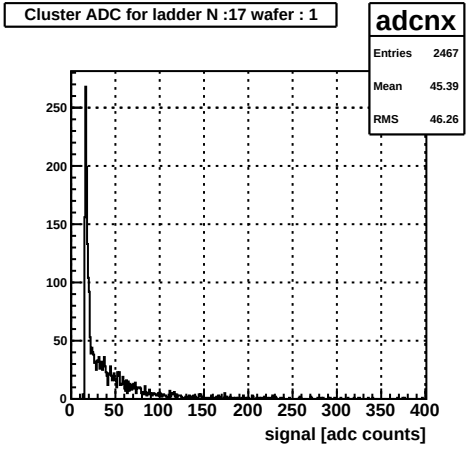

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2115
Mean 67.25
RMS 59.69
signal [adc counts]

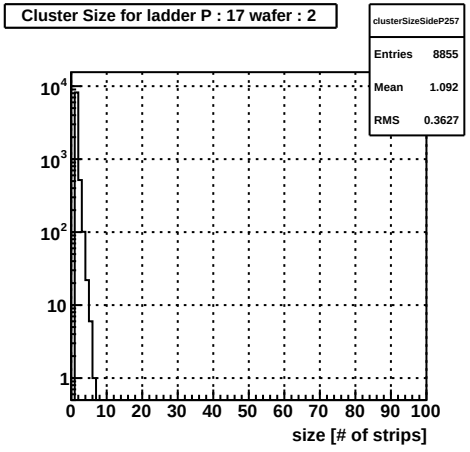

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1511
Mean 1.258
RMS 0.5465
size [# of strips]

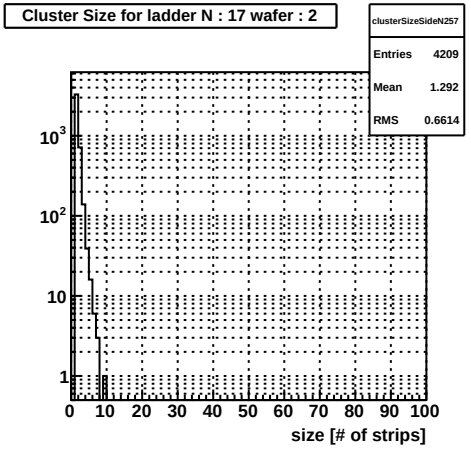

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2467
Mean 1.341
RMS 0.6506
size [# of strips]

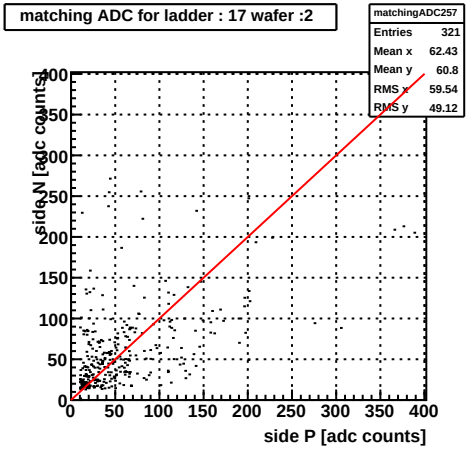

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 862
Mean x 80.71
Mean y 67.39
RMS x 62.06
RMS y 56.18
side N [adc counts]
side P [adc counts]

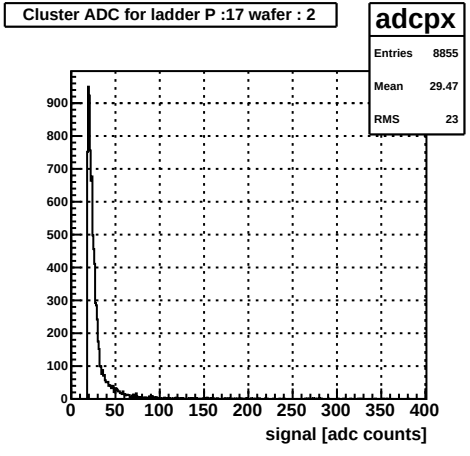

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1511
Mean 96.45
RMS 70.09
signal [adc counts]

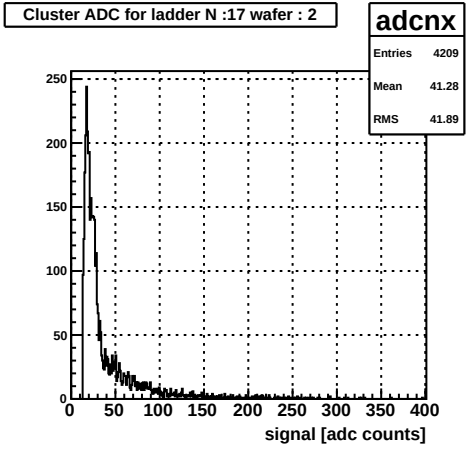

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2467
Mean 45.39
RMS 46.26
signal [adc counts]

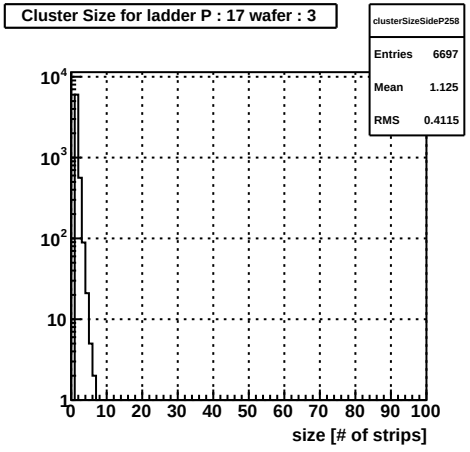

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8855
Mean 1.092
RMS 0.3627
size [# of strips]

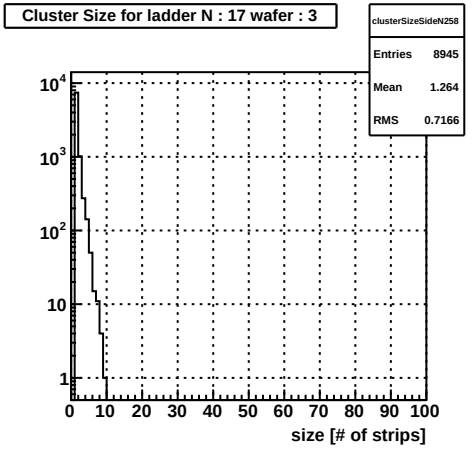

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4209
Mean 1.292
RMS 0.6614
size [# of strips]

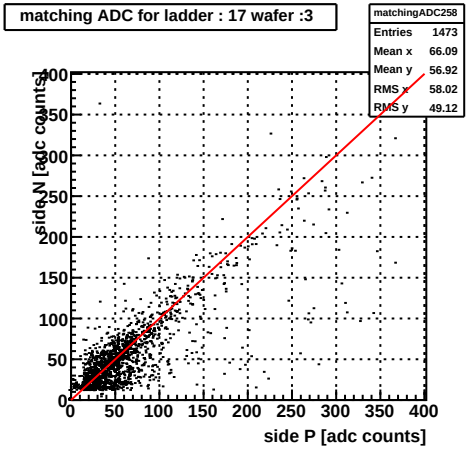

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 321
Mean x 62.43
Mean y 60.8
RMS x 59.54
RMS y 49.12
side N [adc counts]
side P [adc counts]

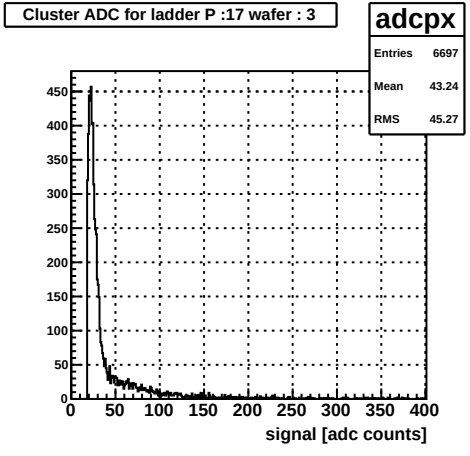

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8855
Mean 29.47
RMS 23
signal [adc counts]

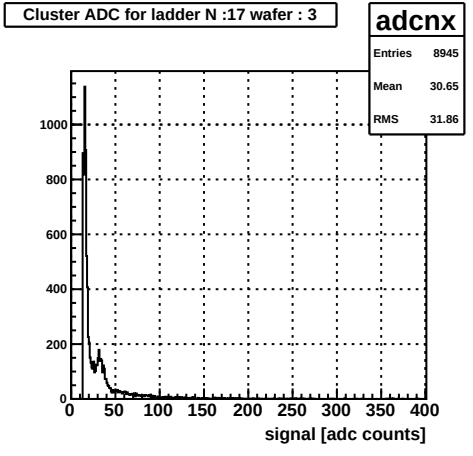

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4209
Mean 41.28
RMS 41.89
signal [adc counts]

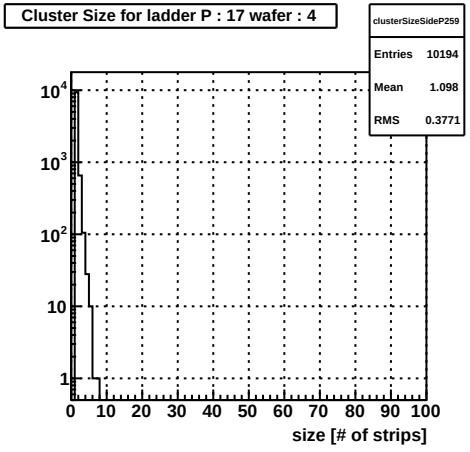

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6697
Mean 1.125
RMS 0.4115
size [# of strips]

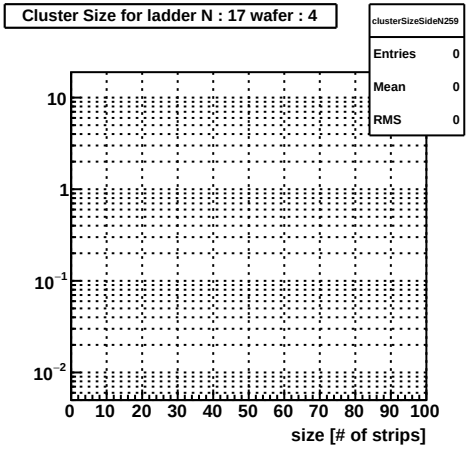

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8945
Mean 1.264
RMS 0.7166
size [# of strips]

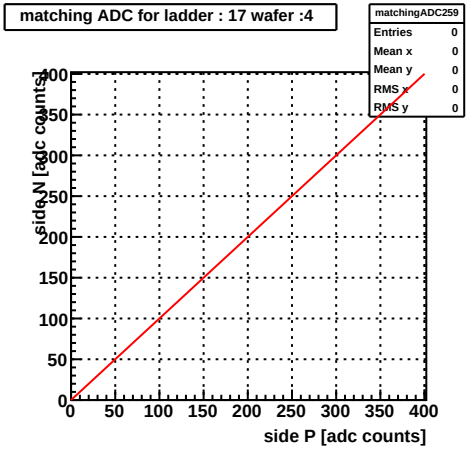

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1473
Mean x 66.09
Mean y 56.92
RMS x 58.02
RMS y 49.12
side N [adc counts]
side P [adc counts]

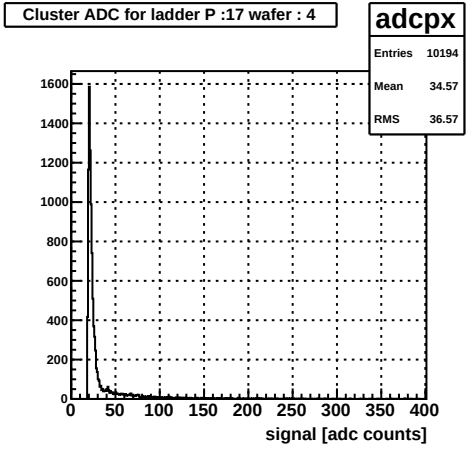

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6697
Mean 43.24
RMS 45.27
signal [adc counts]

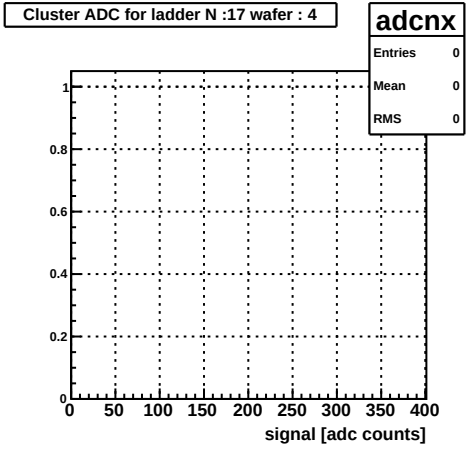

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8945
Mean 30.65
RMS 31.86
signal [adc counts]

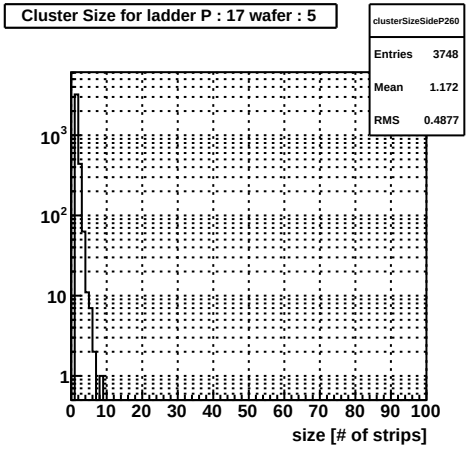

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10194
Mean 1.098
RMS 0.3771
size [# of strips]

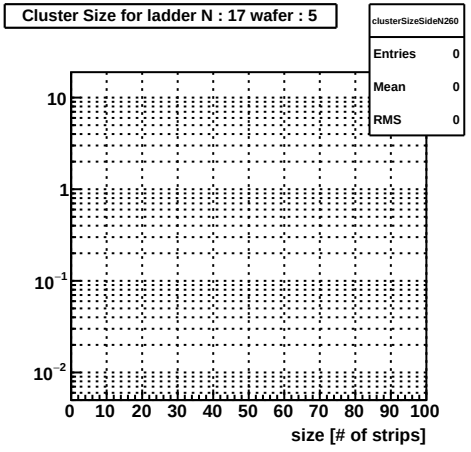

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

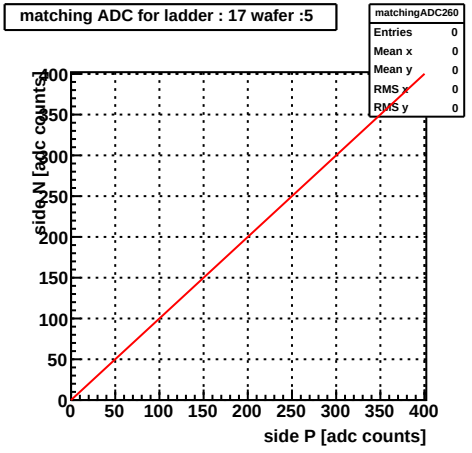

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

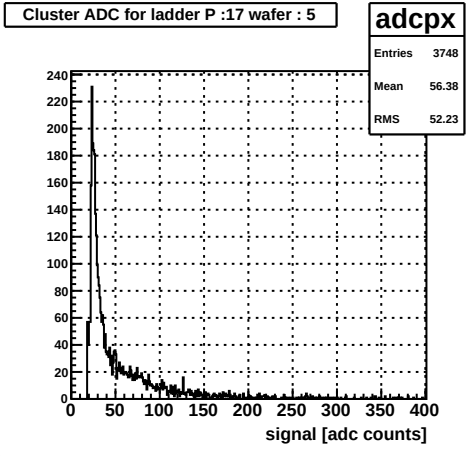

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10194
Mean 34.57
RMS 36.57
signal [adc counts]

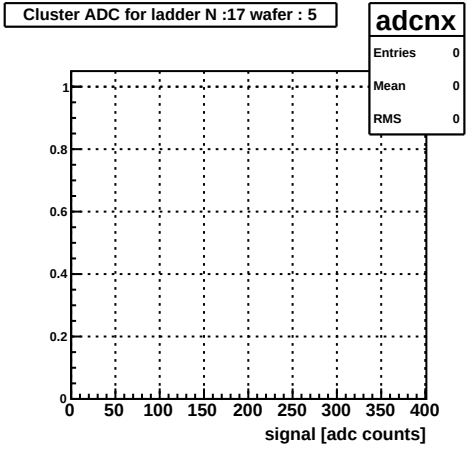

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

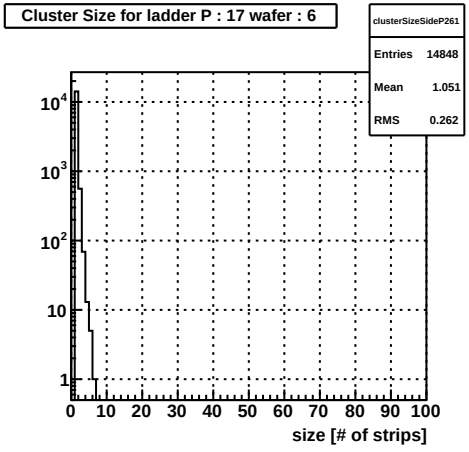

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3748
Mean 1.172
RMS 0.4877
size [# of strips]

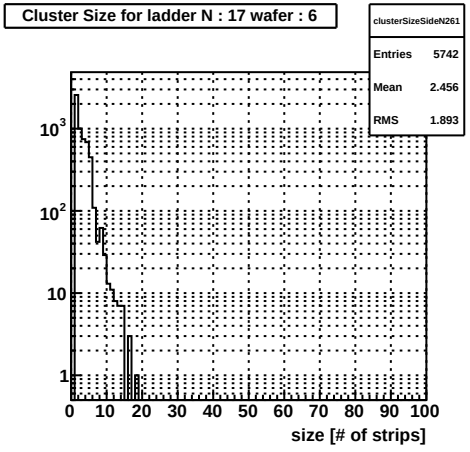

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

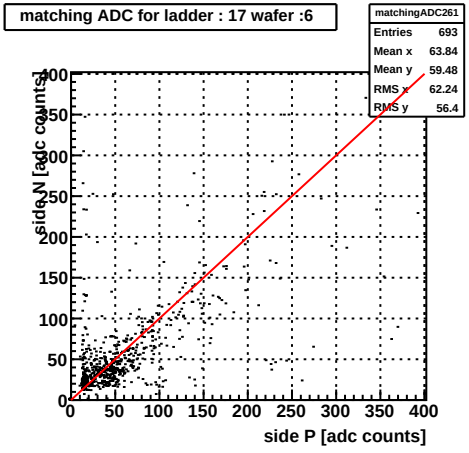

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

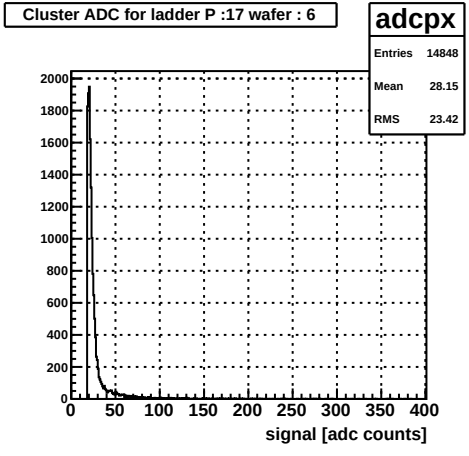

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3748
Mean 56.38
RMS 52.23
signal [adc counts]

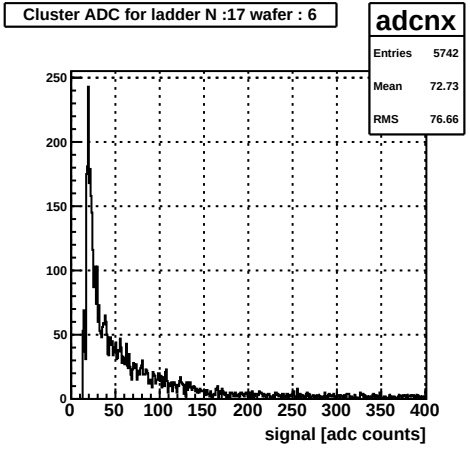

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

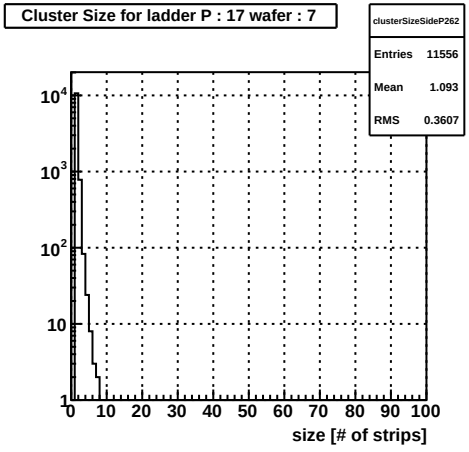

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 14848
Mean 1.051
RMS 0.262
size [# of strips]

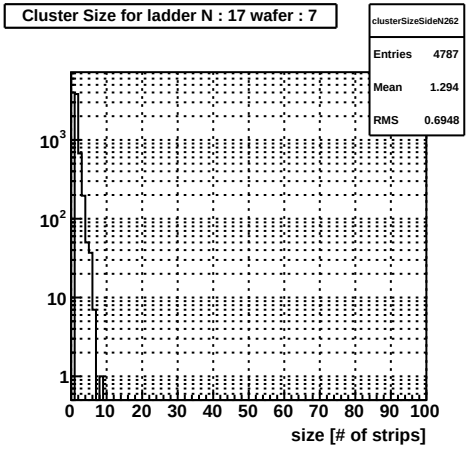

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5742
Mean 2.456
RMS 1.893
size [# of strips]

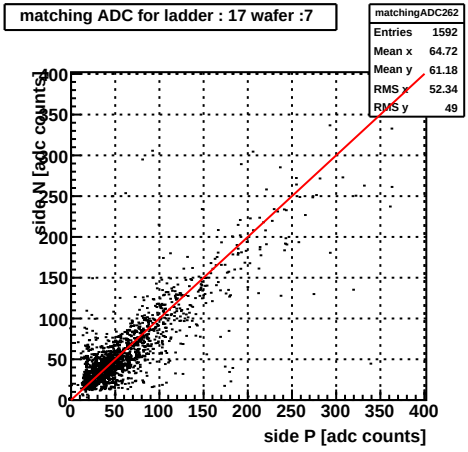

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 693
Mean x 63.84
Mean y 59.48
RMS x 62.24
RMS y 56.4
side N [adc counts]
side P [adc counts]

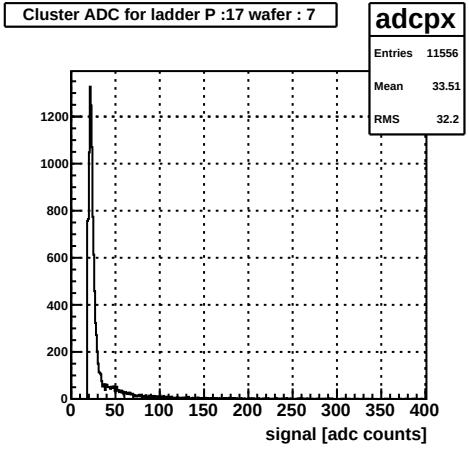

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 14848
Mean 28.15
RMS 23.42
signal [adc counts]

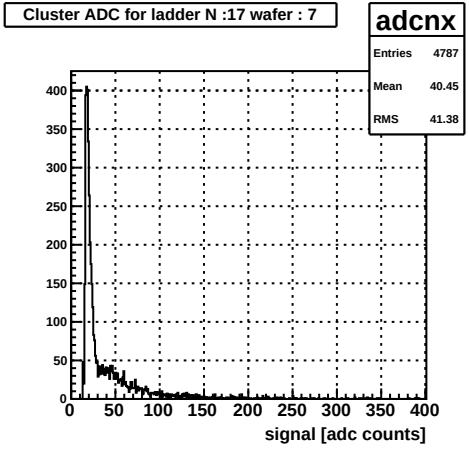

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5742
Mean 72.73
RMS 76.66
signal [adc counts]

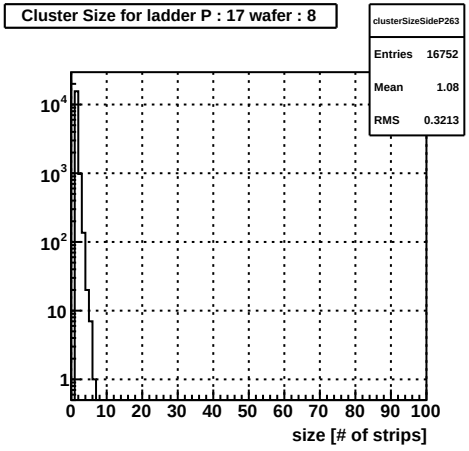

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11556
Mean 1.093
RMS 0.3607
size [# of strips]

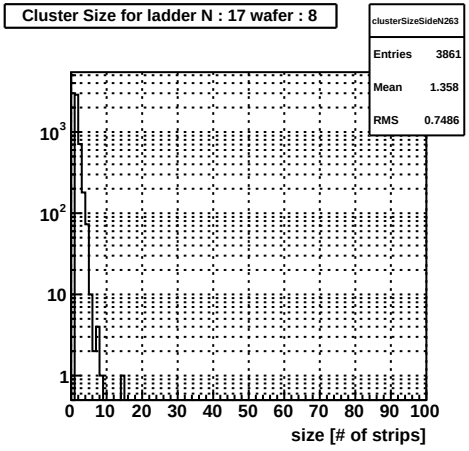

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4787
Mean 1.294
RMS 0.6948
size [# of strips]

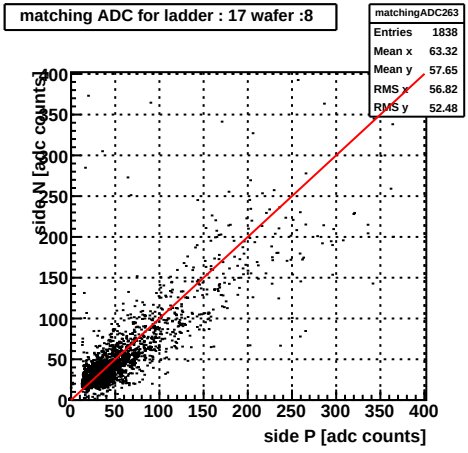

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1592
Mean x 64.72
Mean y 61.18
RMS x 52.34
RMS y 49
side N [adc counts]
side P [adc counts]

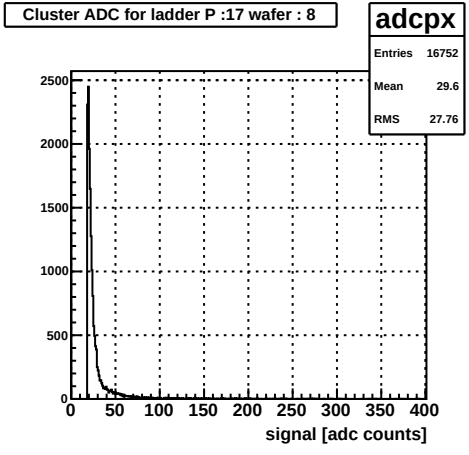

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11556
Mean 33.51
RMS 32.2
signal [adc counts]

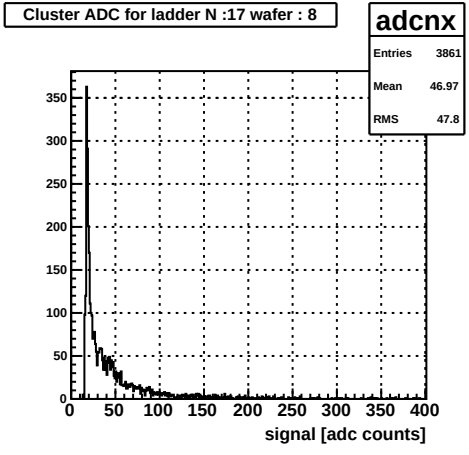

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4787
Mean 40.45
RMS 41.38
signal [adc counts]

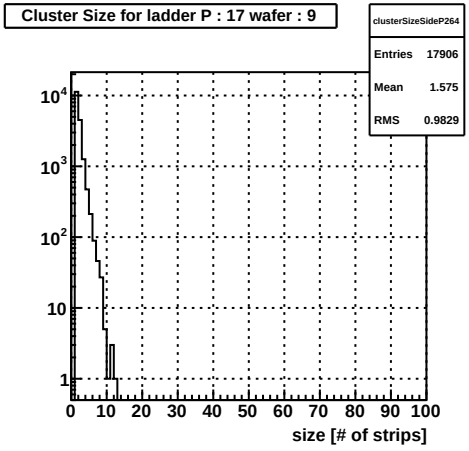

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 16752
Mean 1.08
RMS 0.3213
size [# of strips]

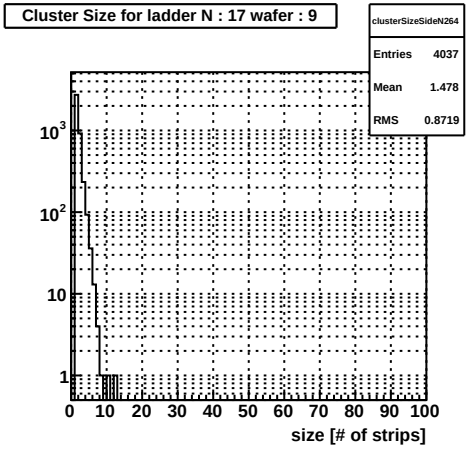

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3861
Mean 1.358
RMS 0.7486
size [# of strips]

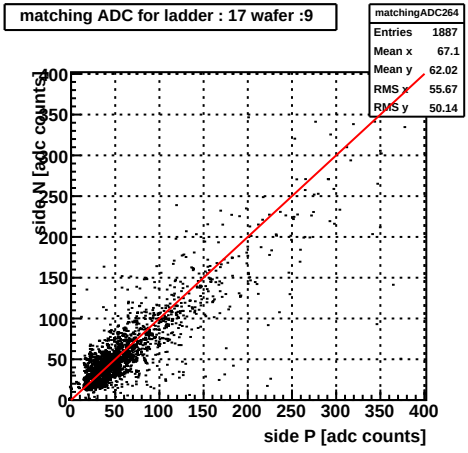

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1838
Mean x 63.32
Mean y 57.65
RMS x 56.82
RMS y 52.48
side N [adc counts]
side P [adc counts]

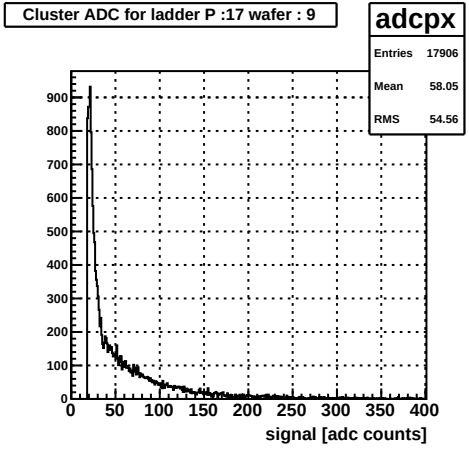

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 16752
Mean 29.6
RMS 27.76
signal [adc counts]

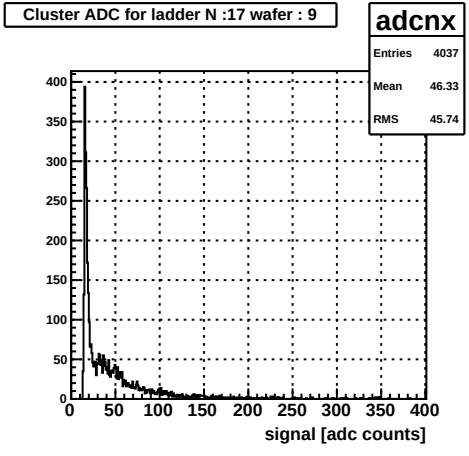

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3861
Mean 46.97
RMS 47.8
signal [adc counts]

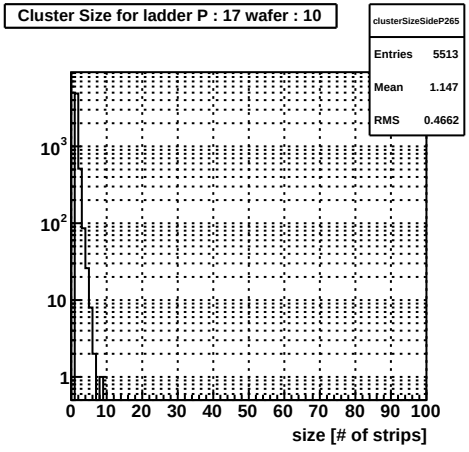

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17906
Mean 1.575
RMS 0.9829
size [# of strips]

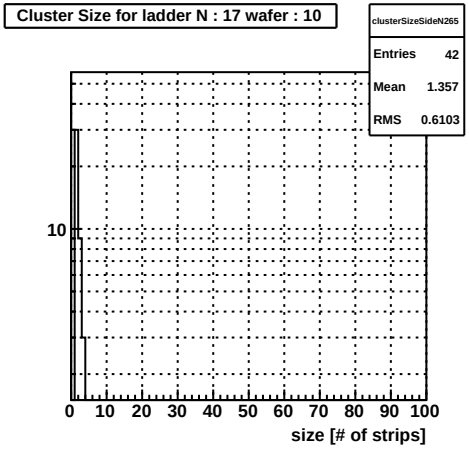

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4037
Mean 1.478
RMS 0.8719
size [# of strips]

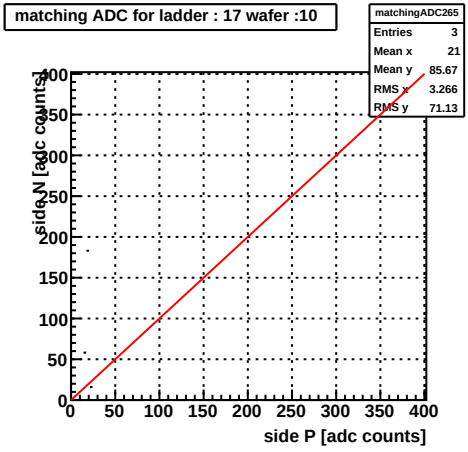

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1887
Mean x 67.1
Mean y 62.02
RMS x 55.67
RMS y 50.14
side N [adc counts]
side P [adc counts]

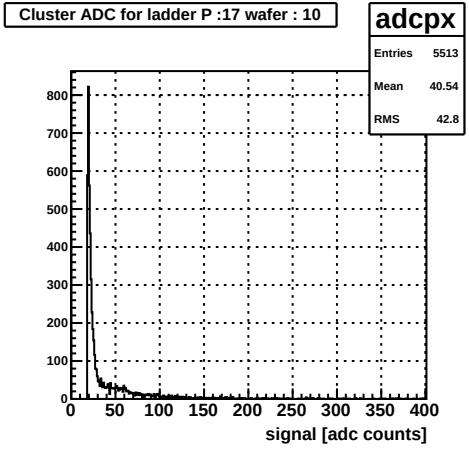

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17906
Mean 58.05
RMS 54.56
signal [adc counts]

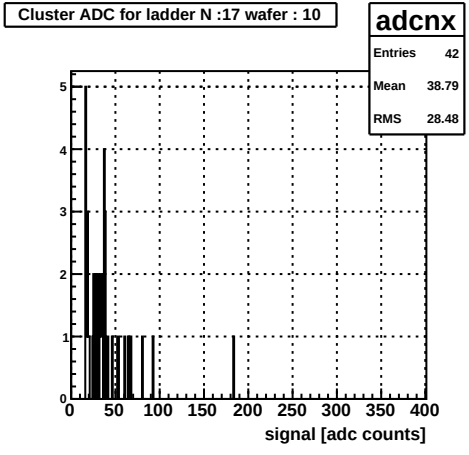

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4037
Mean 46.33
RMS 45.74
signal [adc counts]

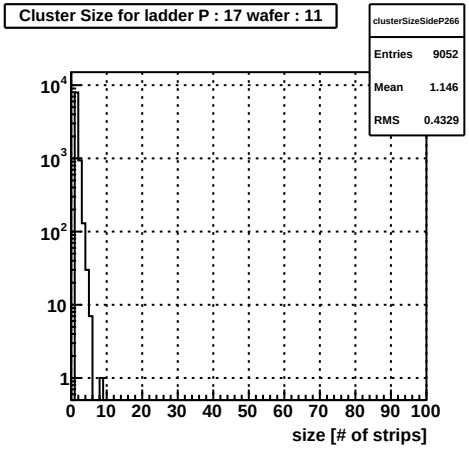

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5513
Mean 1.147
RMS 0.4662
size [# of strips]

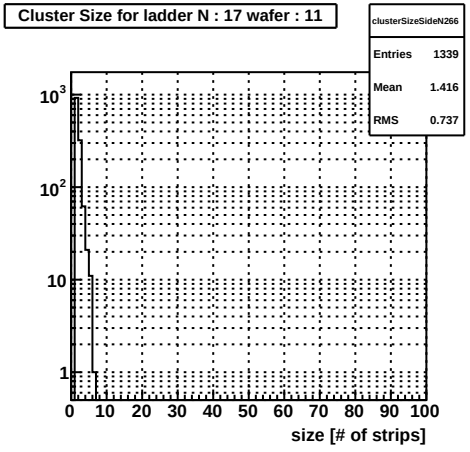

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 42
Mean 1.357
RMS 0.6103
size [# of strips]

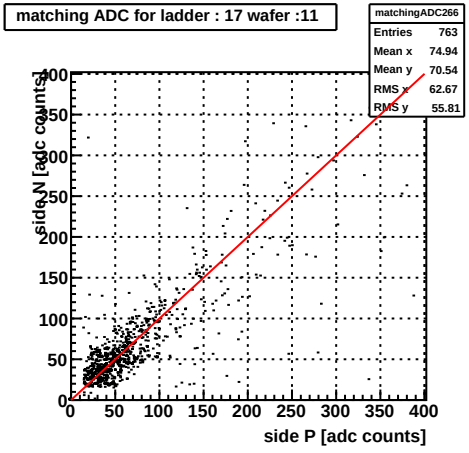

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 3
Mean x 21
Mean y 85.67
RMS x 3.266
RMS y 71.13
side N [adc counts]
side P [adc counts]

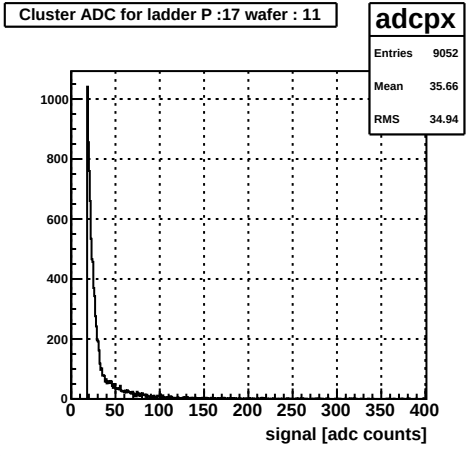

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5513
Mean 40.54
RMS 42.8
signal [adc counts]

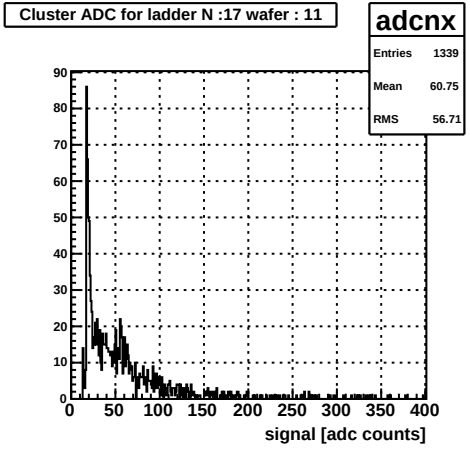

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 42
Mean 38.79
RMS 28.48
signal [adc counts]

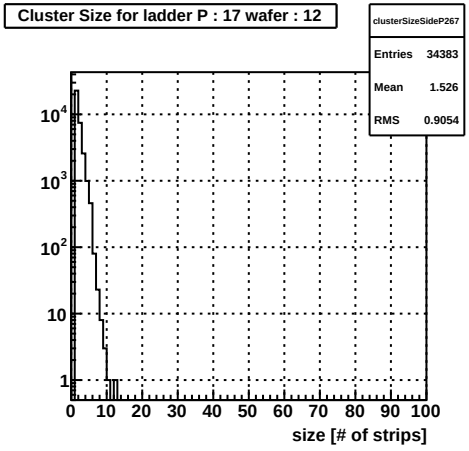

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 9052
Mean 1.146
RMS 0.4329
size [# of strips]

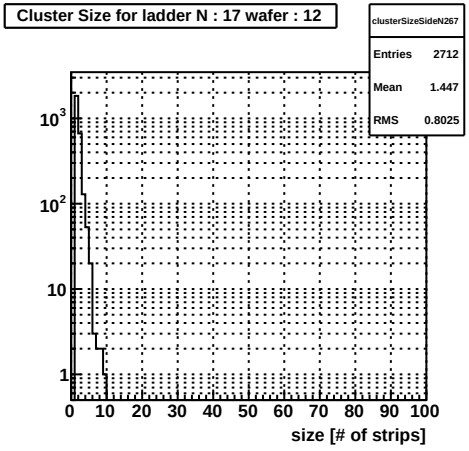

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1339
Mean 1.416
RMS 0.737
size [# of strips]

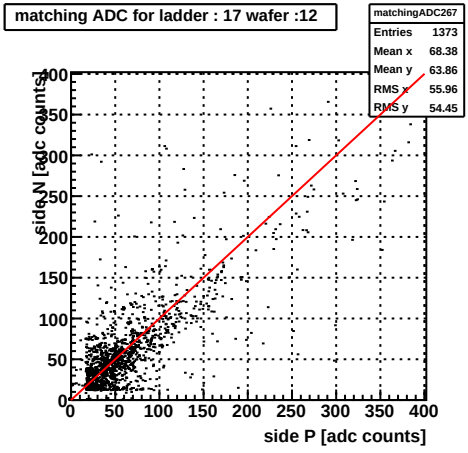

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 763
Mean x 74.94
Mean y 70.54
RMS x 62.67
RMS y 55.81
side N [adc counts]
side P [adc counts]

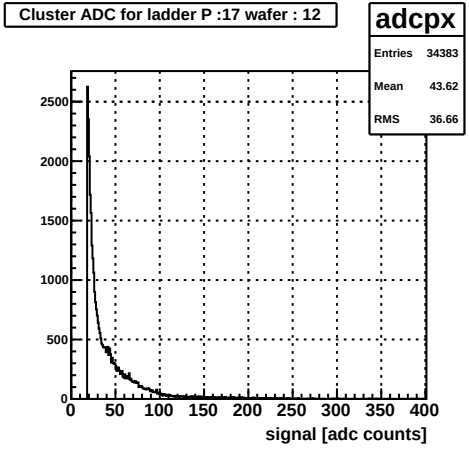

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 9052
Mean 35.66
RMS 34.94
signal [adc counts]

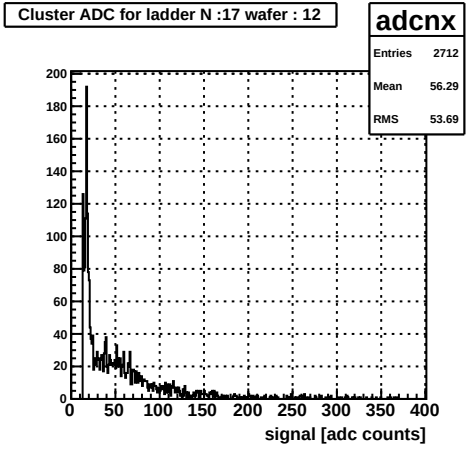

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1339
Mean 60.75
RMS 56.71
signal [adc counts]

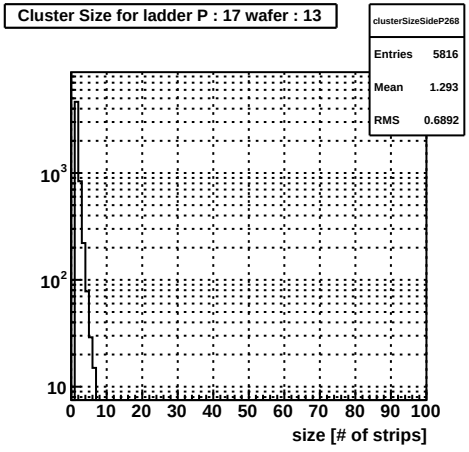

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 34383
Mean 1.526
RMS 0.9054
size [# of strips]

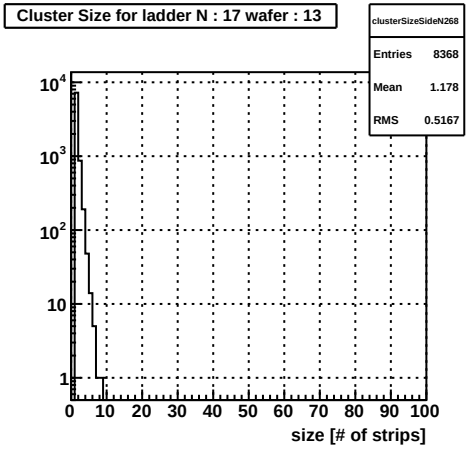

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2712
Mean 1.447
RMS 0.8025
size [# of strips]

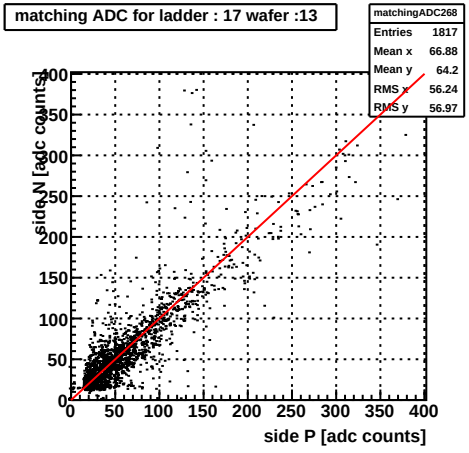

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1373
Mean x 68.38
Mean y 63.86
RMS x 55.96
RMS y 54.45
side N [adc counts]
side P [adc counts]

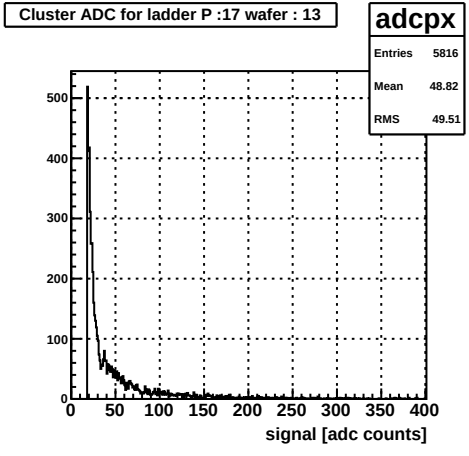

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 34383
Mean 43.62
RMS 36.66
signal [adc counts]

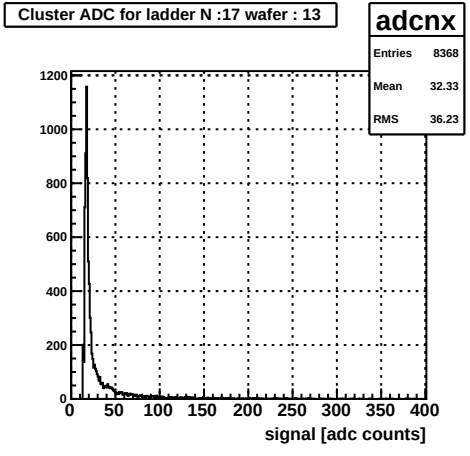

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2712
Mean 56.29
RMS 53.69
signal [adc counts]

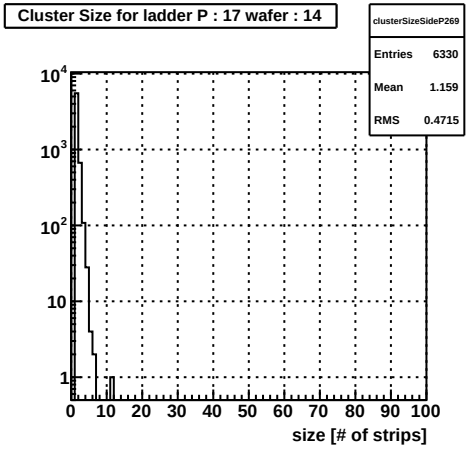

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5816
Mean 1.293
RMS 0.6892
size [# of strips]

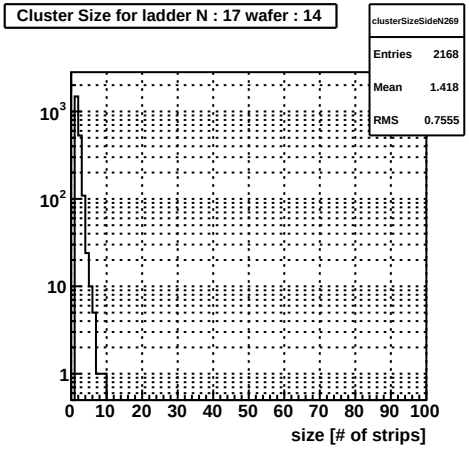

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8368
Mean 1.178
RMS 0.5167
size [# of strips]

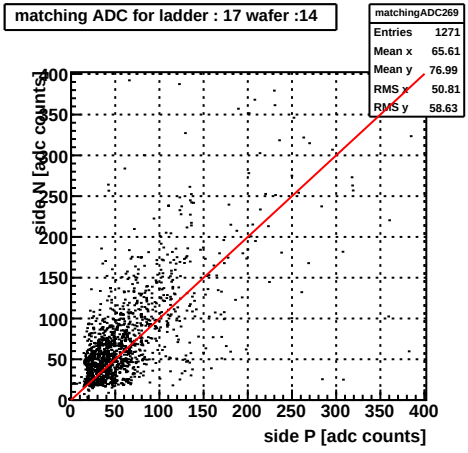

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1817
Mean x 66.88
Mean y 64.2
RMS x 56.24
RMS y 56.97
side N [adc counts]
side P [adc counts]

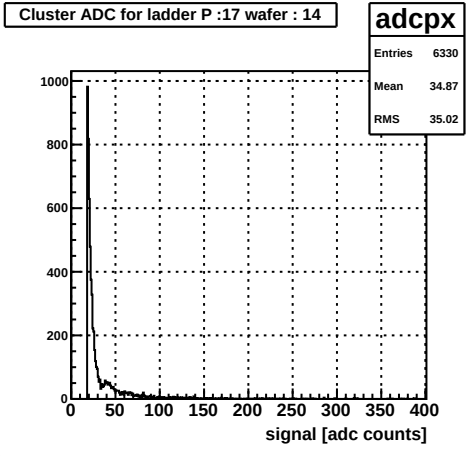

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5816
Mean 48.82
RMS 49.51
signal [adc counts]

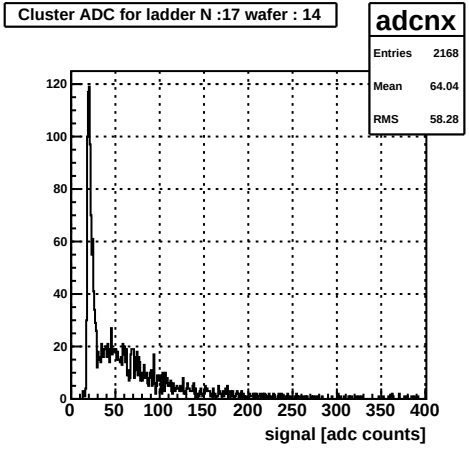

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8368
Mean 32.33
RMS 36.23
signal [adc counts]

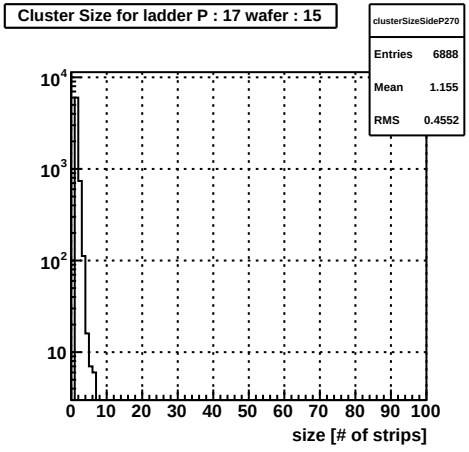

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6330
Mean 1.159
RMS 0.4715
size [# of strips]

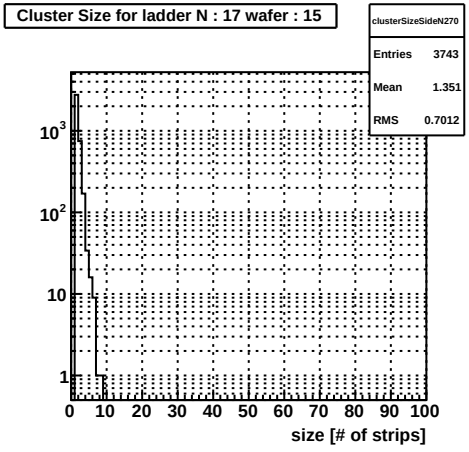

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2168
Mean 1.418
RMS 0.7555
size [# of strips]

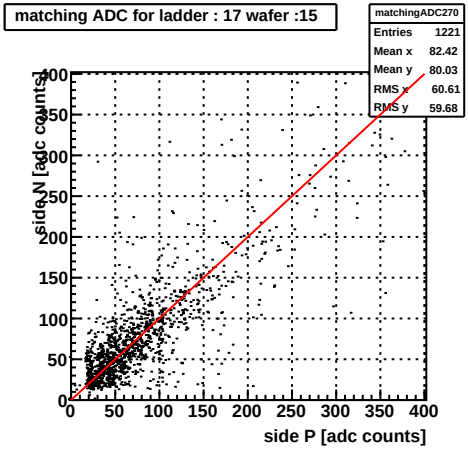

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1271
Mean x 65.61
Mean y 76.99
RMS x 50.81
RMS y 58.63
side N [adc counts]
side P [adc counts]

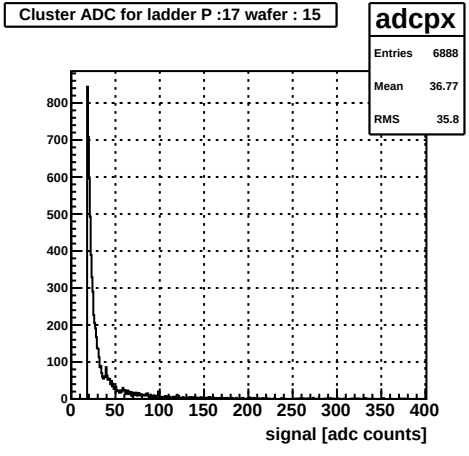

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6330
Mean 34.87
RMS 35.02
signal [adc counts]

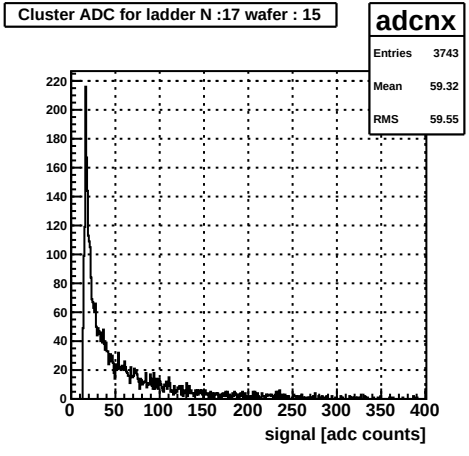

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2168
Mean 64.04
RMS 58.28
signal [adc counts]

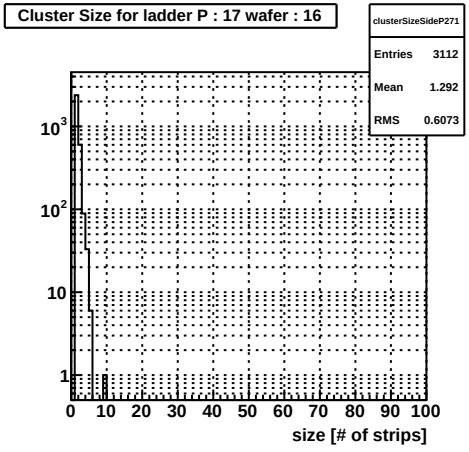

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6888
Mean 1.155
RMS 0.4552
size [# of strips]

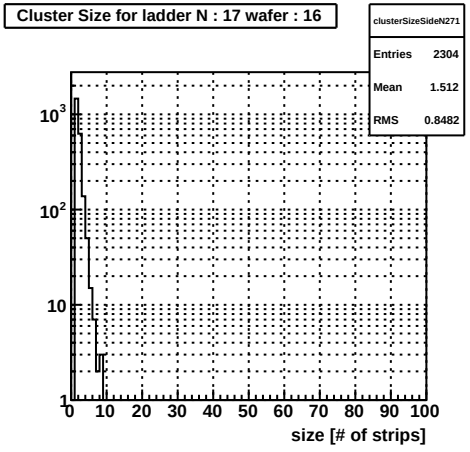

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3743
Mean 1.351
RMS 0.7012
size [# of strips]

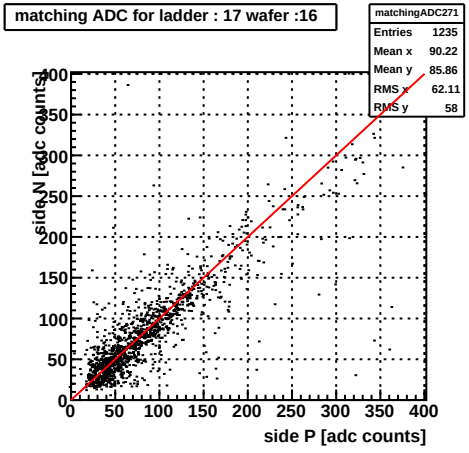

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1221
Mean x 82.42
Mean y 80.03
RMS x 60.61
RMS y 59.68
side N [adc counts]
side P [adc counts]

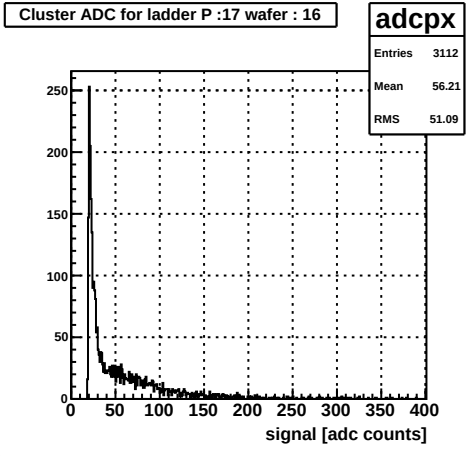

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6888
Mean 36.77
RMS 35.8
signal [adc counts]

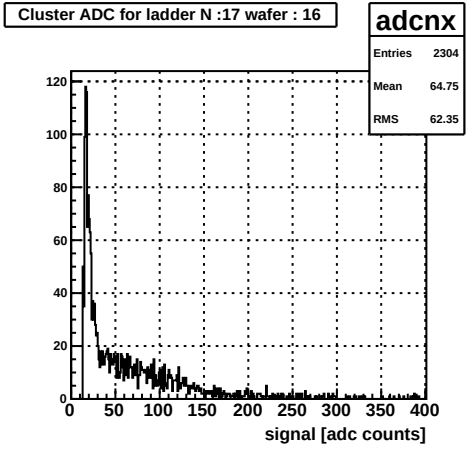

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3743
Mean 59.32
RMS 59.55
signal [adc counts]

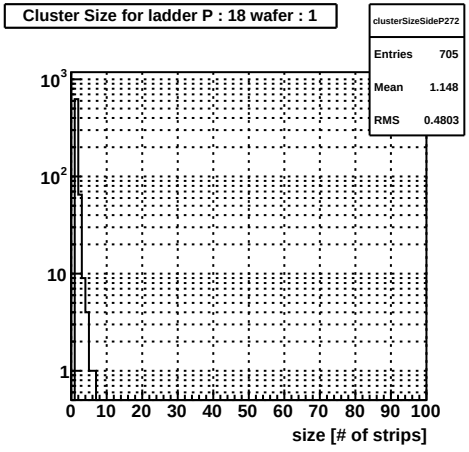

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3112
Mean 1.292
RMS 0.6073
size [# of strips]

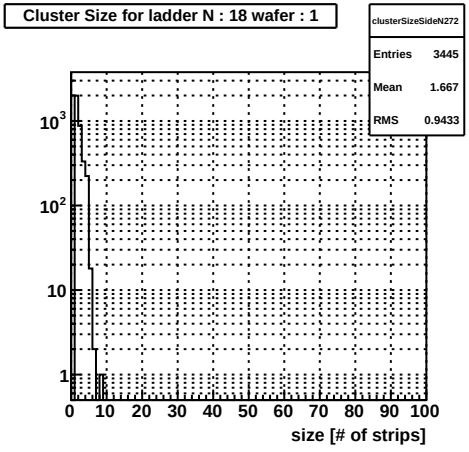

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2304
Mean 1.512
RMS 0.8482
size [# of strips]

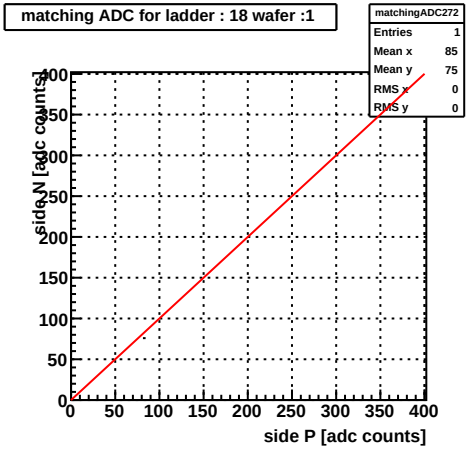

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1235
Mean x 90.22
Mean y 85.86
RMS x 62.11
RMS y 58
side N [adc counts]
side P [adc counts]

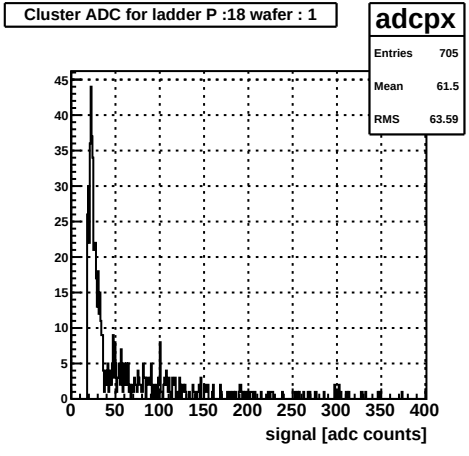

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3112
Mean 56.21
RMS 51.09
signal [adc counts]

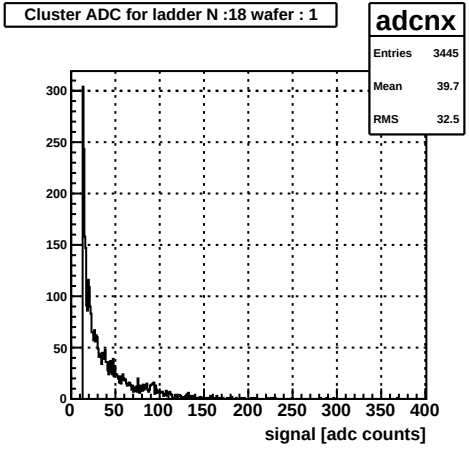

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2304
Mean 64.75
RMS 62.35
signal [adc counts]

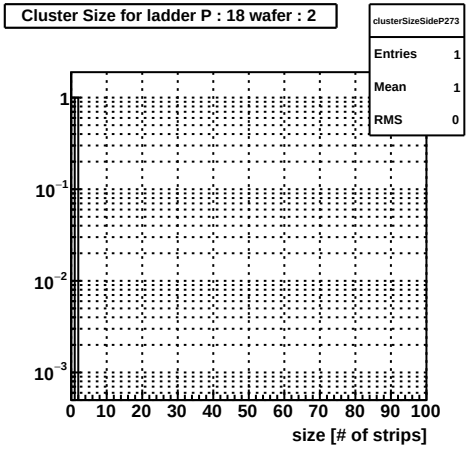

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 705
Mean 1.148
RMS 0.4803
size [# of strips]

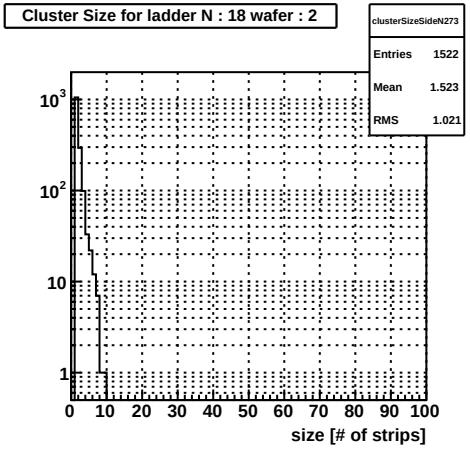

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3445
Mean 1.667
RMS 0.9433
size [# of strips]

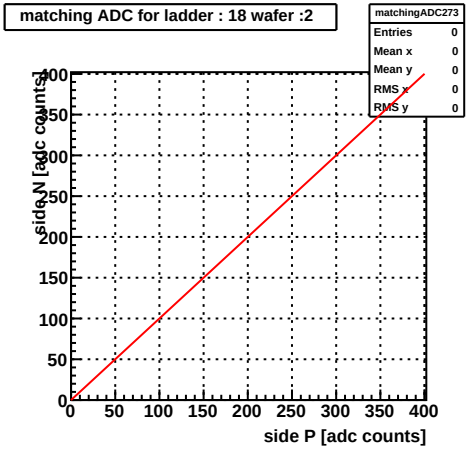

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 1
Mean x 85
Mean y 75
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

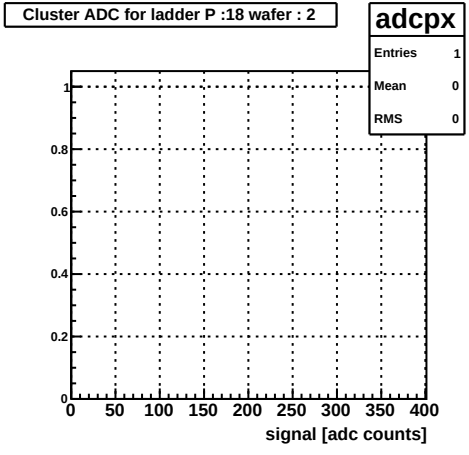

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 705
Mean 61.5
RMS 63.59
signal [adc counts]

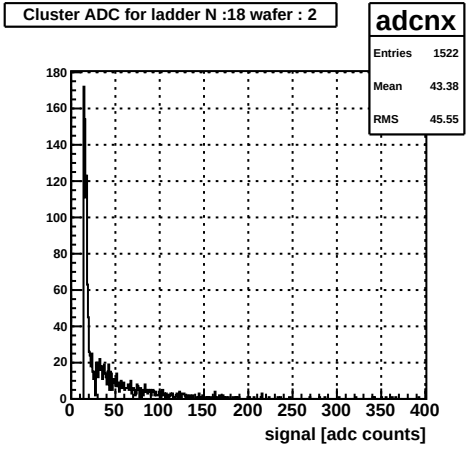

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3445
Mean 39.7
RMS 32.5
signal [adc counts]

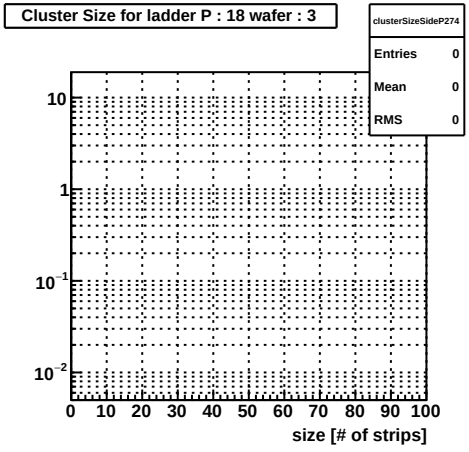

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 1
Mean 1
RMS 0
size [# of strips]

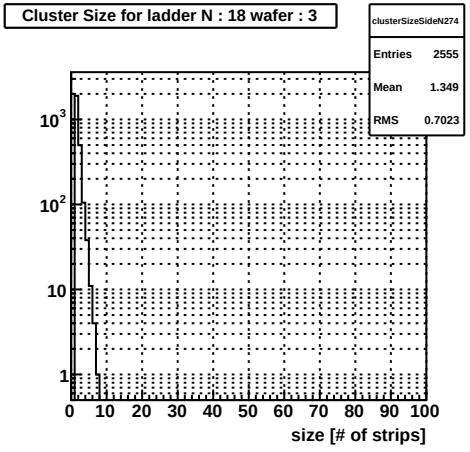

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1522
Mean 1.523
RMS 1.021
size [# of strips]

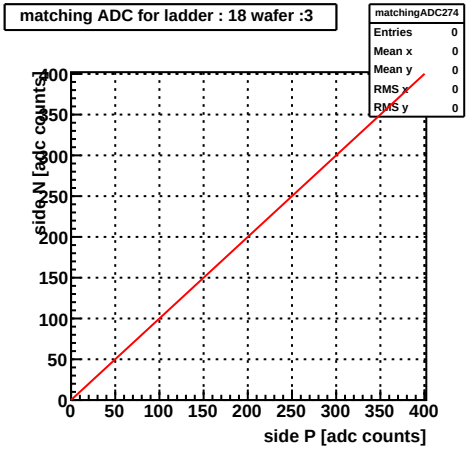

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

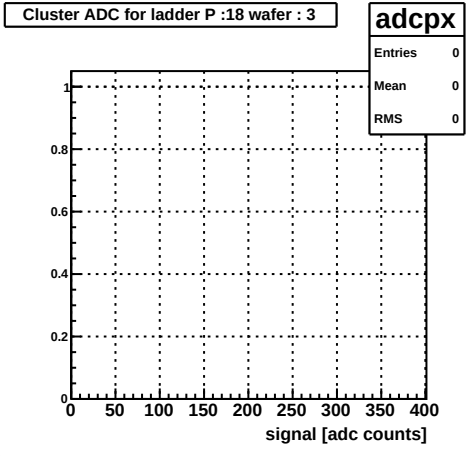

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

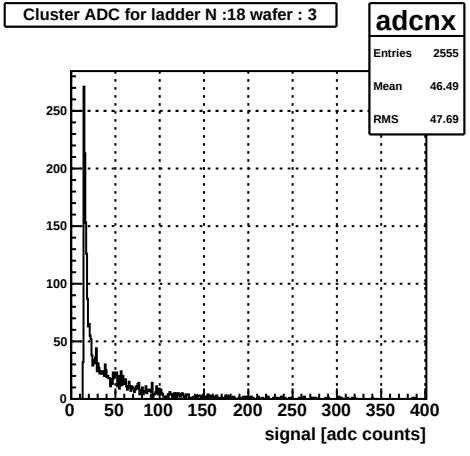

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1522
Mean 43.38
RMS 45.55
signal [adc counts]

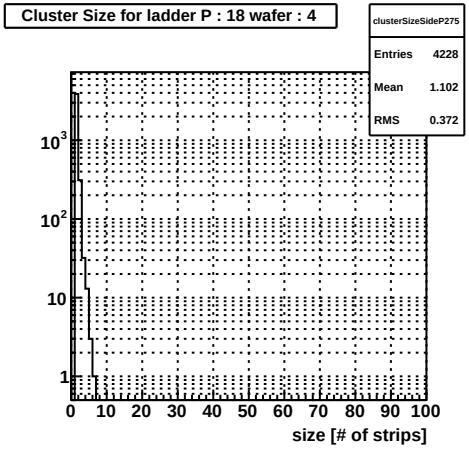

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

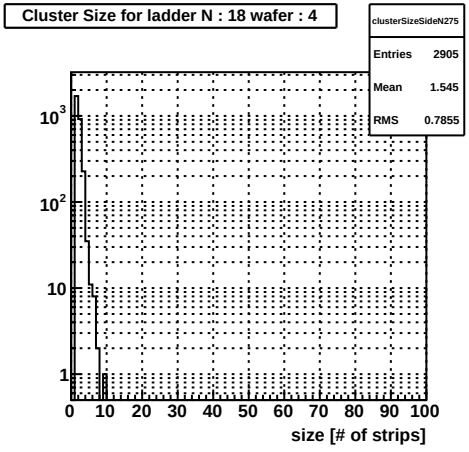

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2555
Mean 1.349
RMS 0.7023
size [# of strips]

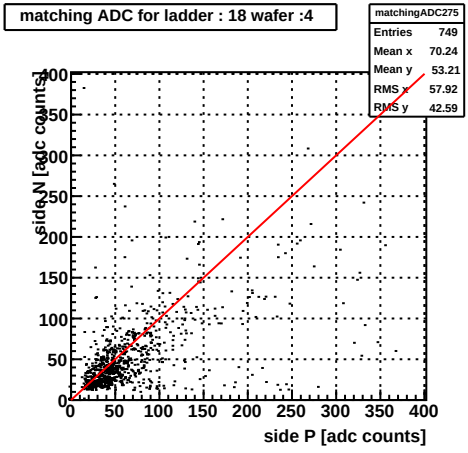

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

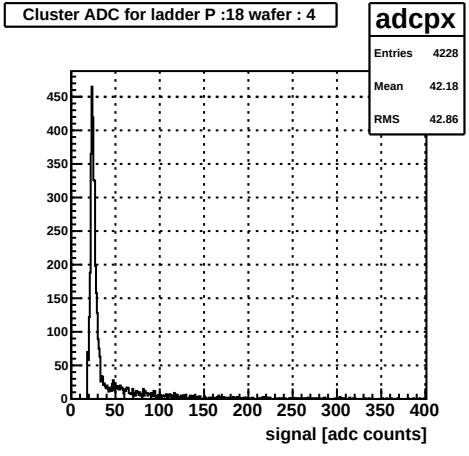

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

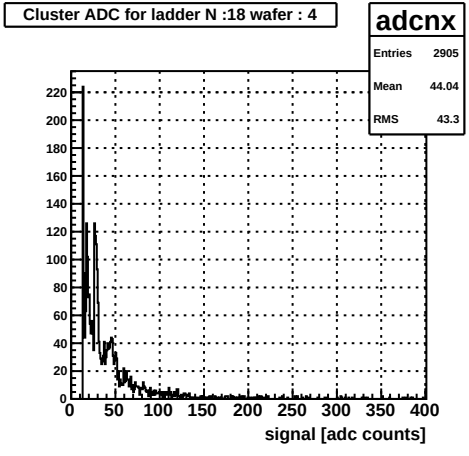

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2555
Mean 46.49
RMS 47.69
signal [adc counts]

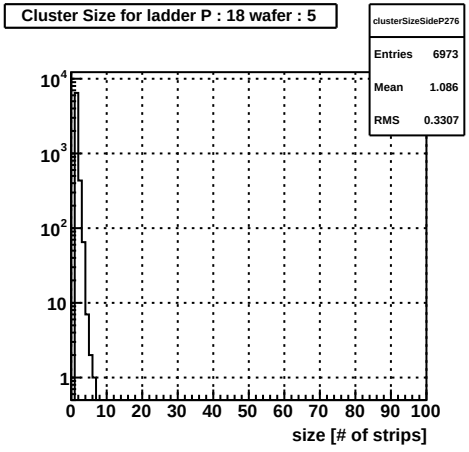

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4228
Mean 1.102
RMS 0.372
size [# of strips]

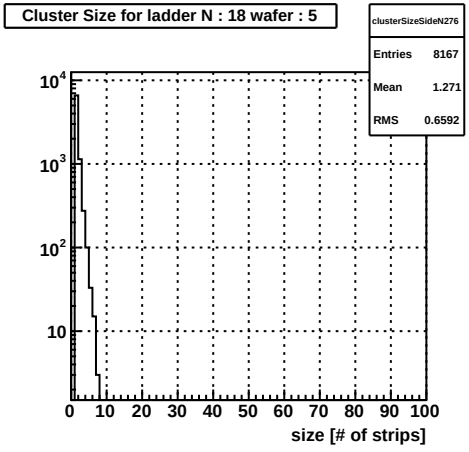

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2905
Mean 1.545
RMS 0.7855
size [# of strips]

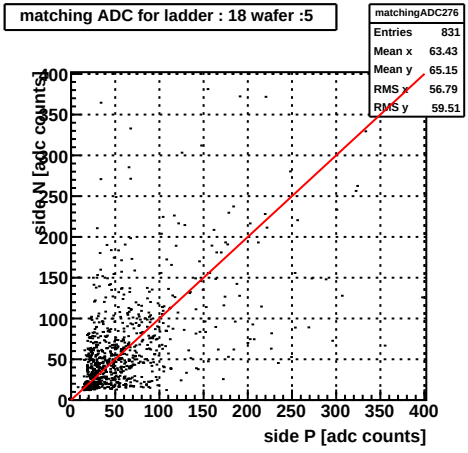

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 749
Mean x 70.24
Mean y 53.21
RMS x 57.92
RMS y 42.59
side N [adc counts]
side P [adc counts]

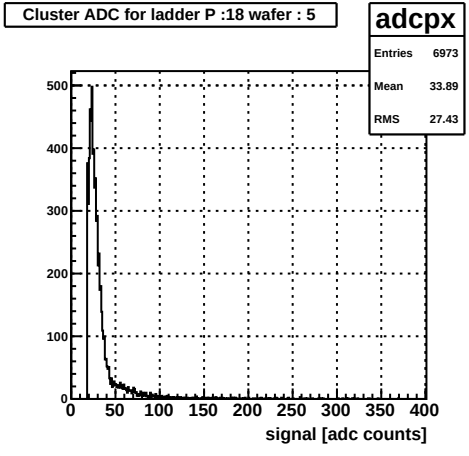

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4228
Mean 42.18
RMS 42.86
signal [adc counts]

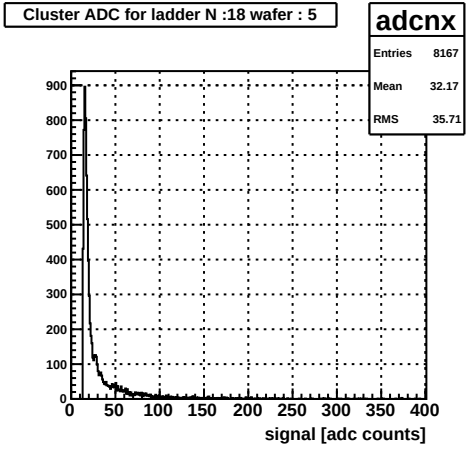

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2905
Mean 44.04
RMS 43.3
signal [adc counts]

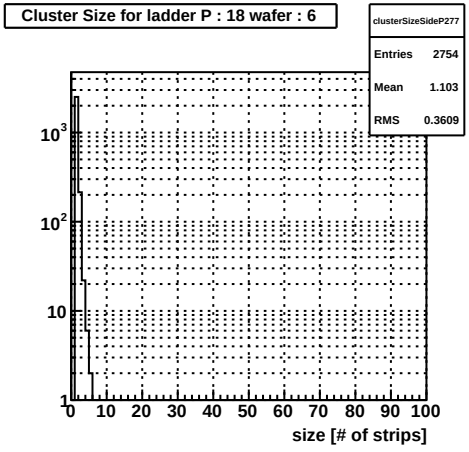

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6973
Mean 1.086
RMS 0.3307
size [# of strips]

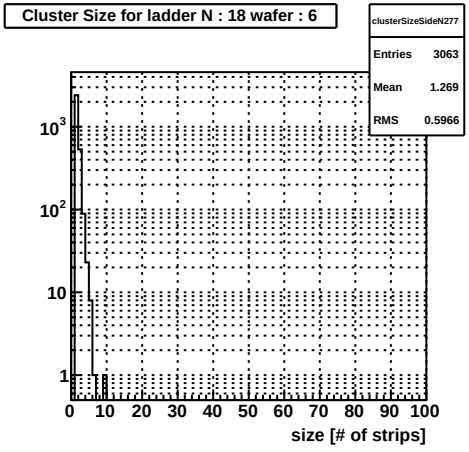

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 8167
Mean 1.271
RMS 0.6592
size [# of strips]

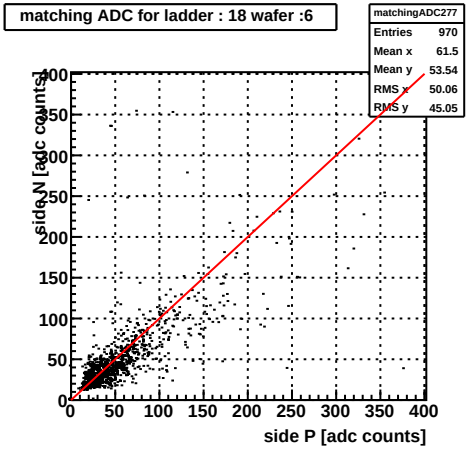

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 831
Mean x 63.43
Mean y 65.15
RMS x 56.79
RMS y 59.51
side N [adc counts]
side P [adc counts]

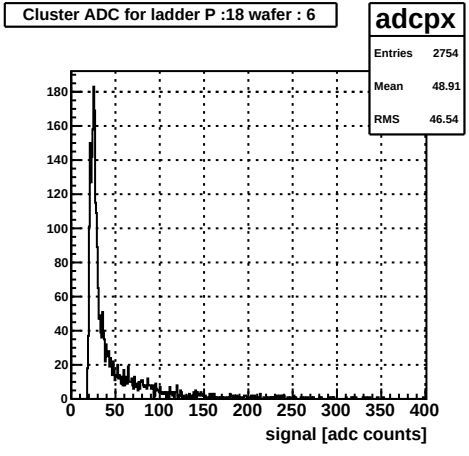

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6973
Mean 33.89
RMS 27.43
signal [adc counts]

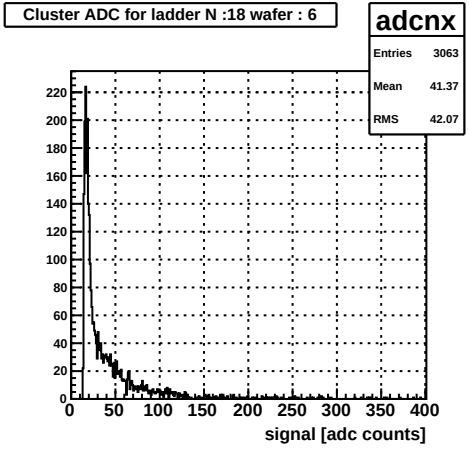

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 8167
Mean 32.17
RMS 35.71
signal [adc counts]

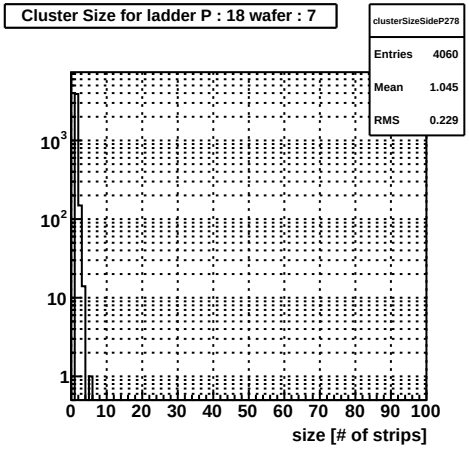

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2754
Mean 1.103
RMS 0.3609
size [# of strips]

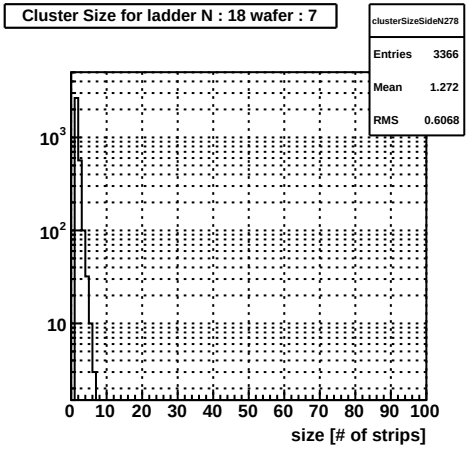

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3063
Mean 1.269
RMS 0.5966
size [# of strips]

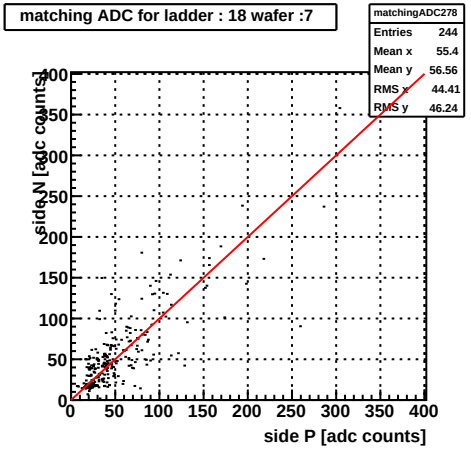

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 970
Mean x 61.5
Mean y 53.54
RMS x 50.06
RMS y 45.05
side N [adc counts]
side P [adc counts]

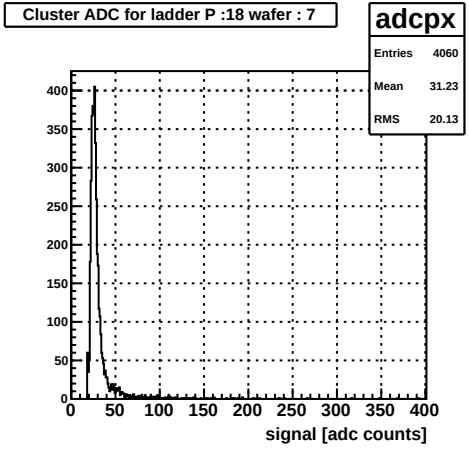

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2754
Mean 48.91
RMS 46.54
signal [adc counts]

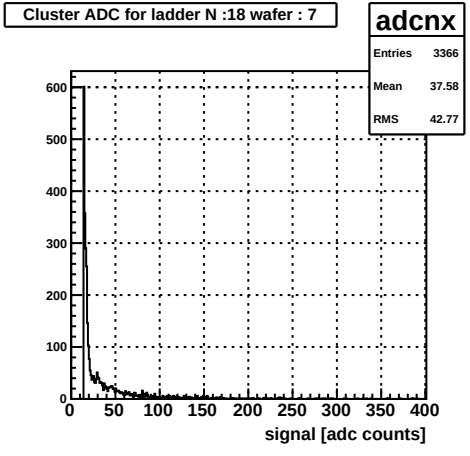

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3063
Mean 41.37
RMS 42.07
signal [adc counts]

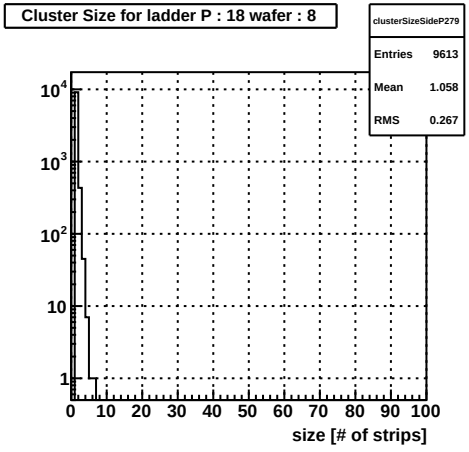

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4060
Mean 1.045
RMS 0.229
size [# of strips]

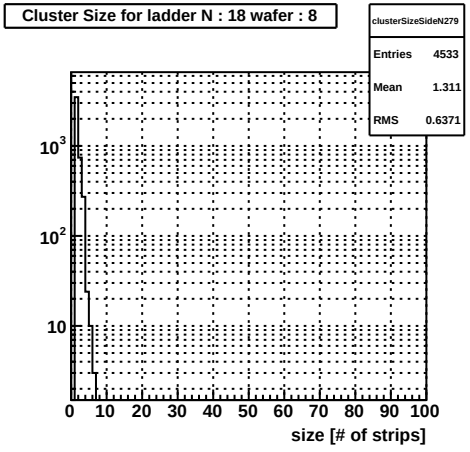

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3366
Mean 1.272
RMS 0.6068
size [# of strips]

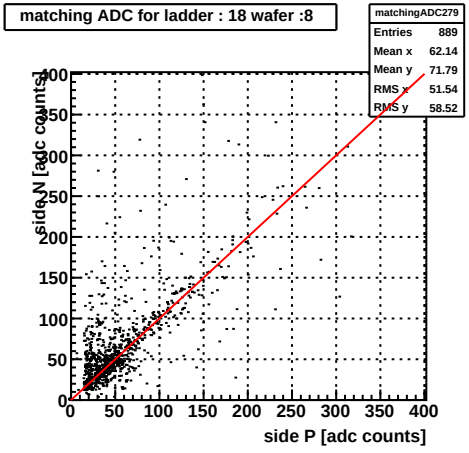

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 244
Mean x 55.4
Mean y 56.56
RMS x 44.41
RMS y 46.24
side N [adc counts]
side P [adc counts]

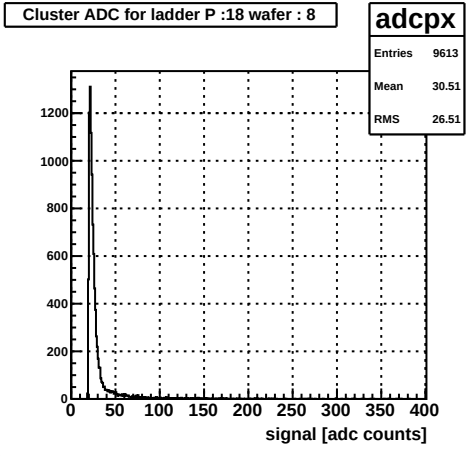

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4060
Mean 31.23
RMS 20.13
signal [adc counts]

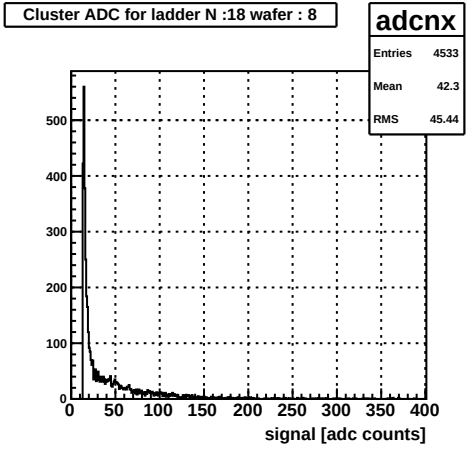

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3366
Mean 37.58
RMS 42.77
signal [adc counts]

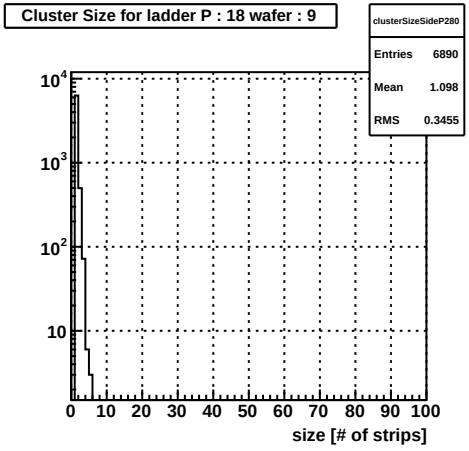

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 9613
Mean 1.058
RMS 0.267
size [# of strips]

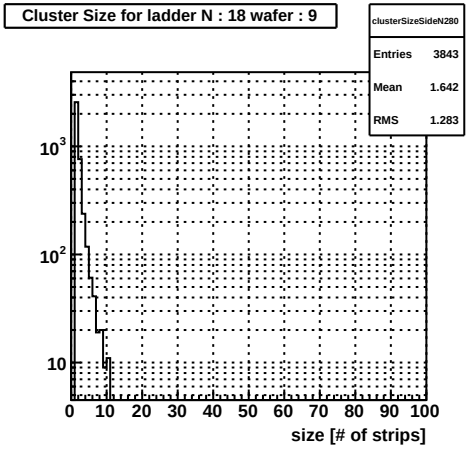

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 4533
Mean 1.311
RMS 0.6371
size [# of strips]

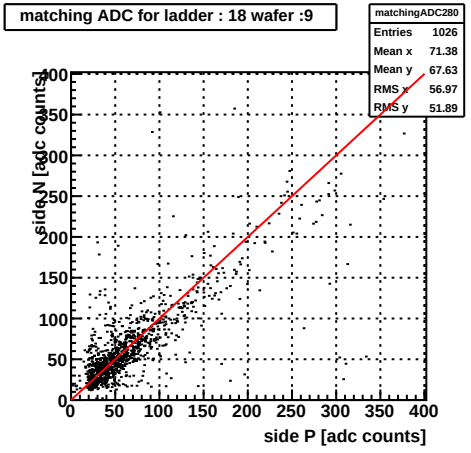

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 889
Mean x 62.14
Mean y 71.79
RMS x 51.54
RMS y 58.52
side N [adc counts]
side P [adc counts]

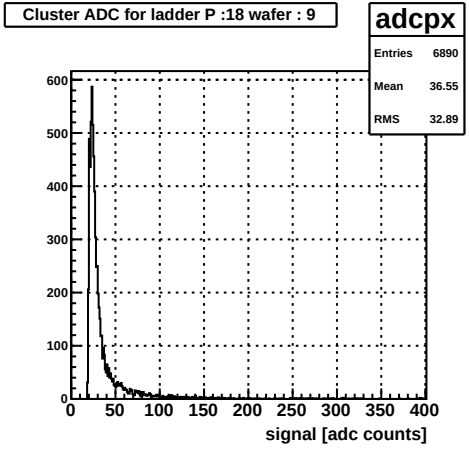

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 9613
Mean 30.51
RMS 26.51
signal [adc counts]

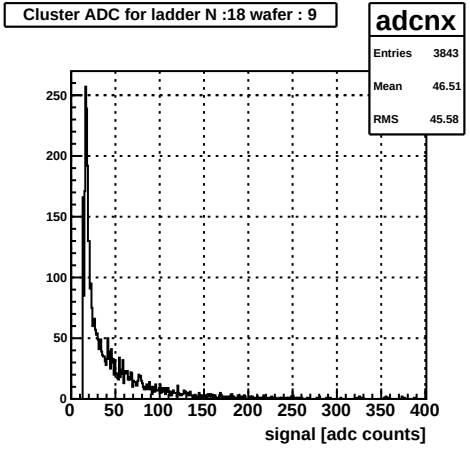

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 4533
Mean 42.3
RMS 45.44
signal [adc counts]

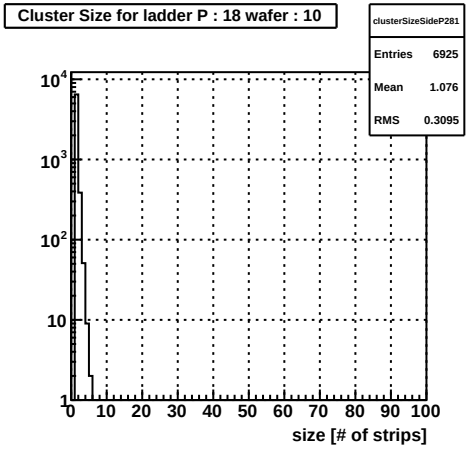

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6890
Mean 1.098
RMS 0.3455
size [# of strips]

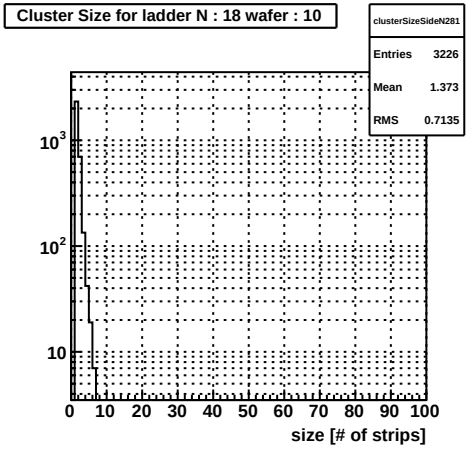

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3843
Mean 1.642
RMS 1.283
size [# of strips]

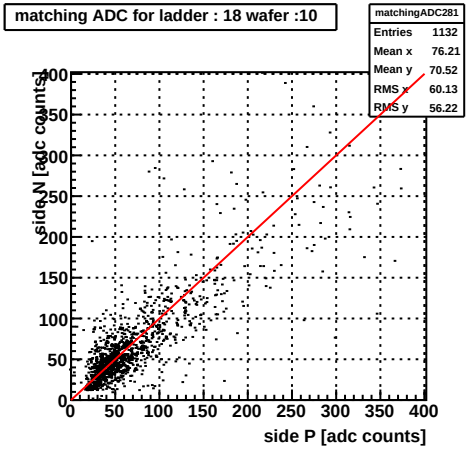

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1026
Mean x 71.38
Mean y 67.63
RMS x 56.97
RMS y 51.89
side N [adc counts]
side P [adc counts]

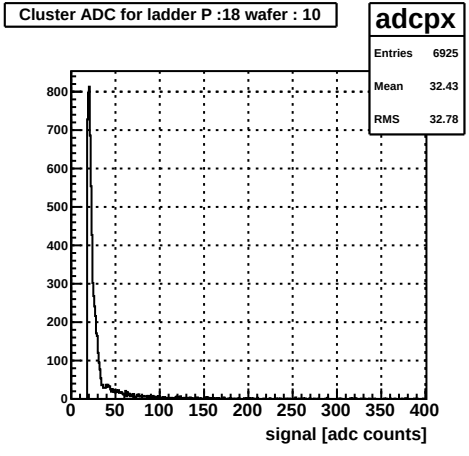

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6890
Mean 36.55
RMS 32.89
signal [adc counts]

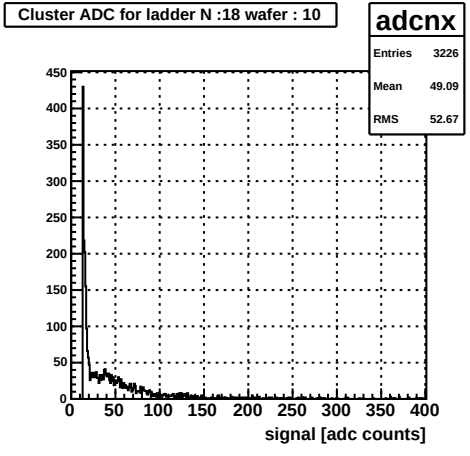

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3843
Mean 46.51
RMS 45.58
signal [adc counts]

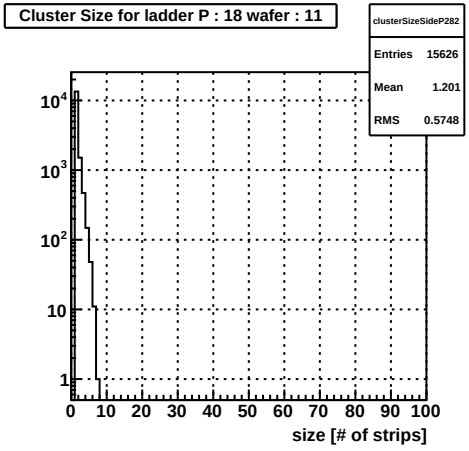

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6925
Mean 1.076
RMS 0.3095
size [# of strips]

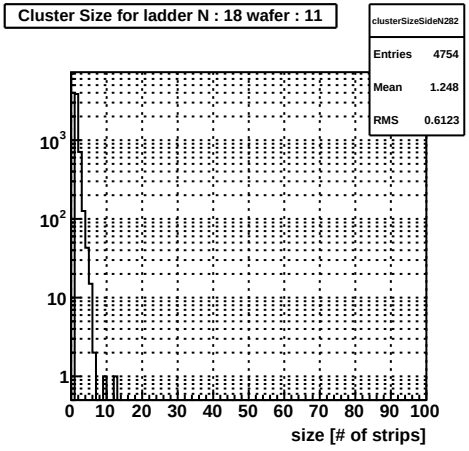

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3226
Mean 1.373
RMS 0.7135
size [# of strips]

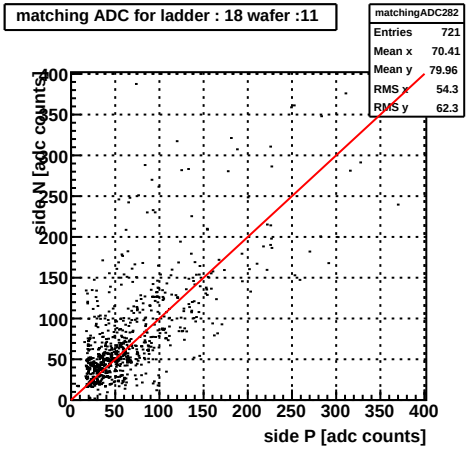

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1132
Mean x 76.21
Mean y 70.52
RMS x 60.13
RMS y 56.22
side N [adc counts]
side P [adc counts]

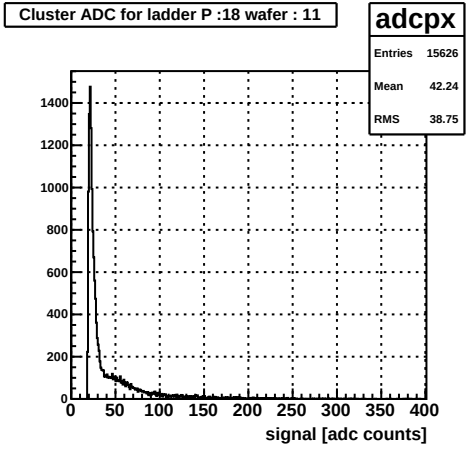

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6925
Mean 32.43
RMS 32.78
signal [adc counts]

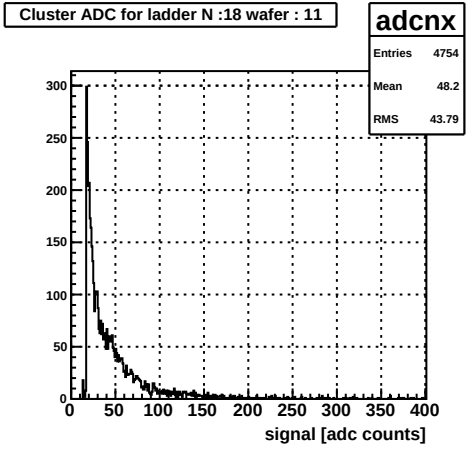

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3226
Mean 49.09
RMS 52.67
signal [adc counts]

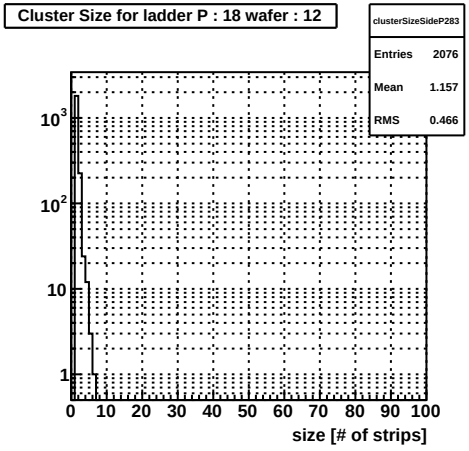

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 15626
Mean 1.201
RMS 0.5748
size [# of strips]

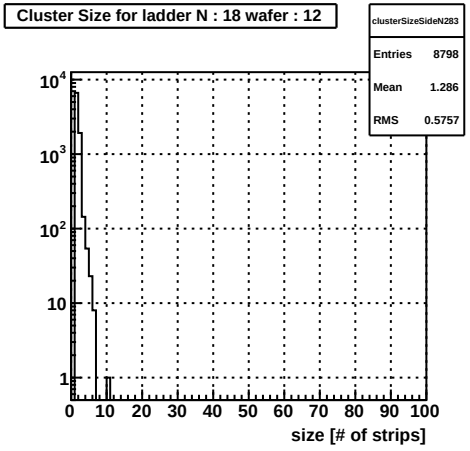

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4754
Mean 1.248
RMS 0.6123
size [# of strips]

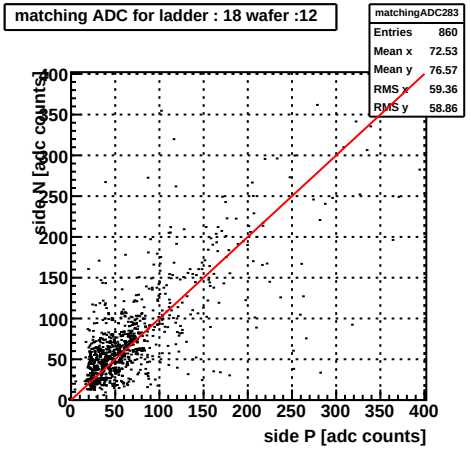

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 721
Mean x 70.41
Mean y 79.96
RMS x 54.3
RMS y 62.3
side N [adc counts]
side P [adc counts]

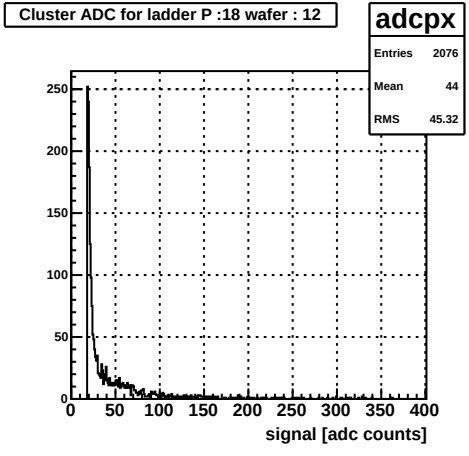

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 15626
Mean 42.24
RMS 38.75
signal [adc counts]

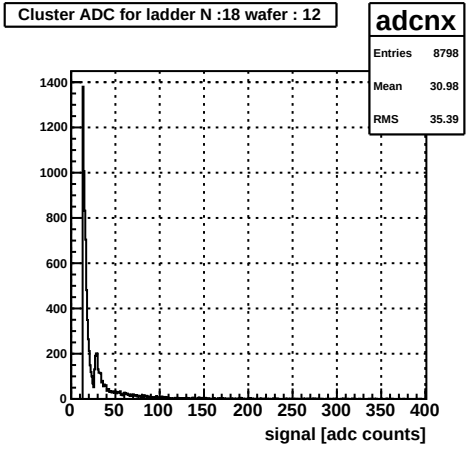

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4754
Mean 48.2
RMS 43.79
signal [adc counts]

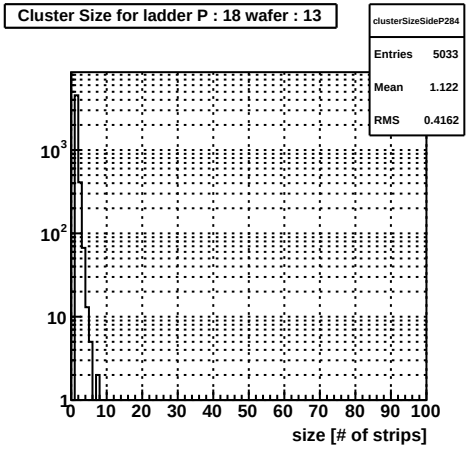

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2076
Mean 1.157
RMS 0.466
size [# of strips]

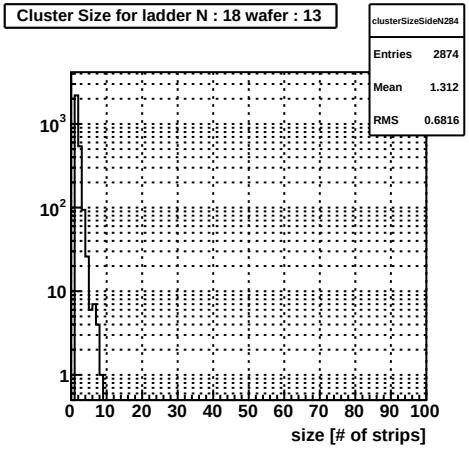

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 8798
Mean 1.286
RMS 0.5757
size [# of strips]

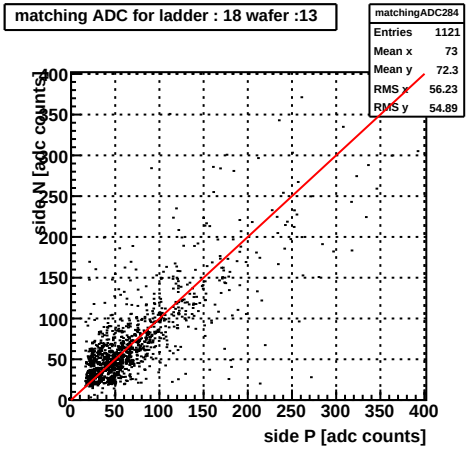

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 860
Mean x 72.53
Mean y 76.57
RMS x 59.36
RMS y 58.86
side N [adc counts]
side P [adc counts]

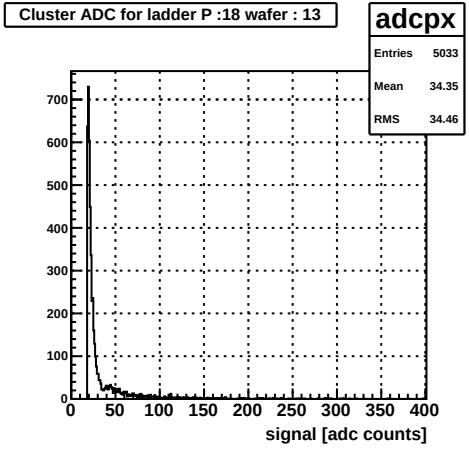

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2076
Mean 44
RMS 45.32
signal [adc counts]

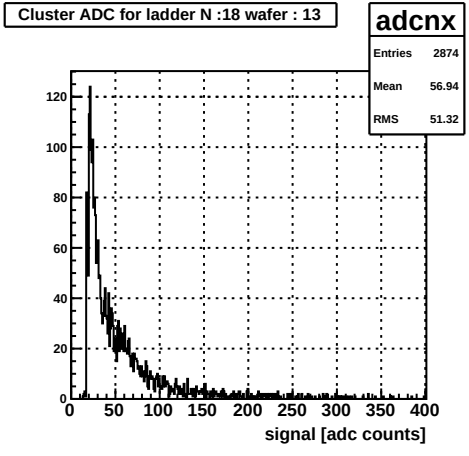

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 8798
Mean 30.98
RMS 35.39
signal [adc counts]

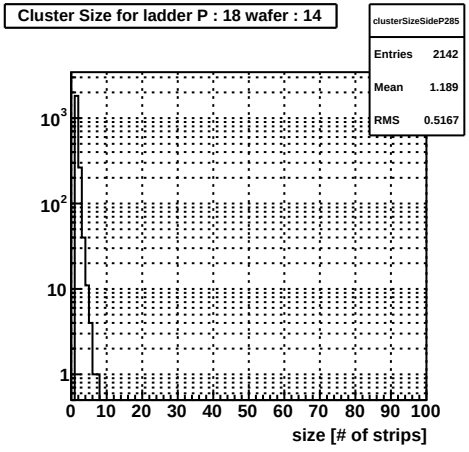

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5033
Mean 1.122
RMS 0.4162
size [# of strips]

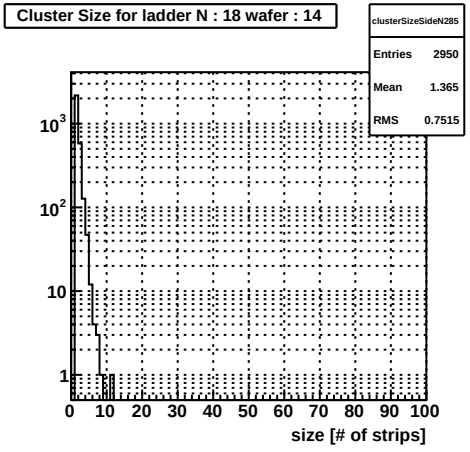

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2874
Mean 1.312
RMS 0.6816
size [# of strips]

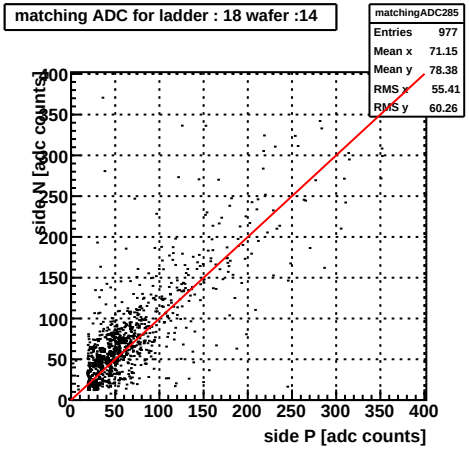

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1121
Mean x 73
Mean y 72.3
RMS x 56.23
RMS y 54.89
side N [adc counts]
side P [adc counts]

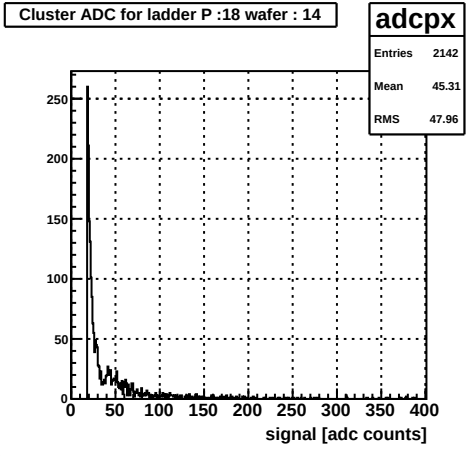

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5033
Mean 34.35
RMS 34.46
signal [adc counts]

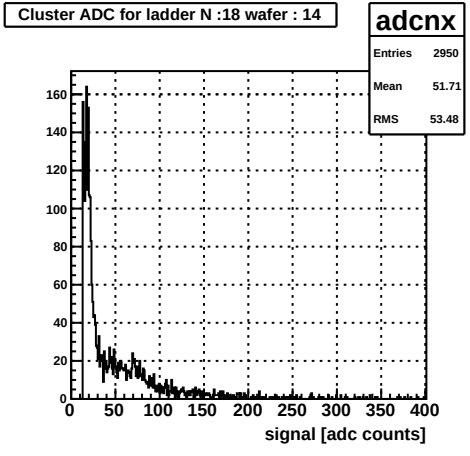

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2874
Mean 56.94
RMS 51.32
signal [adc counts]

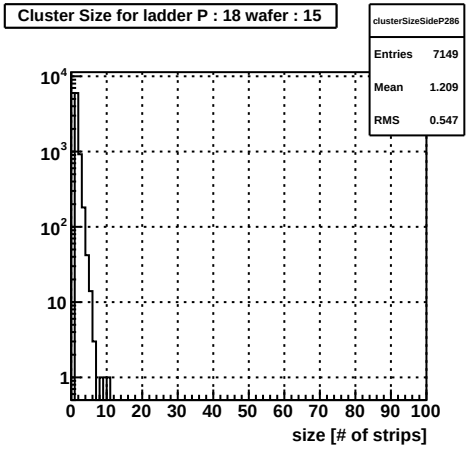

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2142
Mean 1.189
RMS 0.5167
size [# of strips]

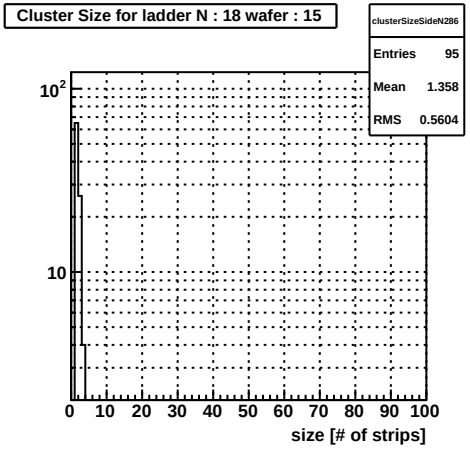

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2950
Mean 1.365
RMS 0.7515
size [# of strips]

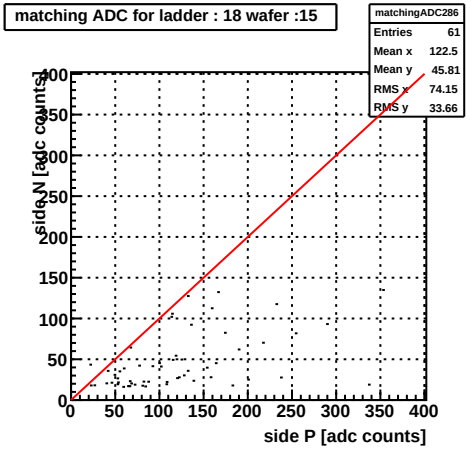

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 977
Mean x 71.15
Mean y 78.38
RMS x 55.41
RMS y 60.26
side N [adc counts]
side P [adc counts]

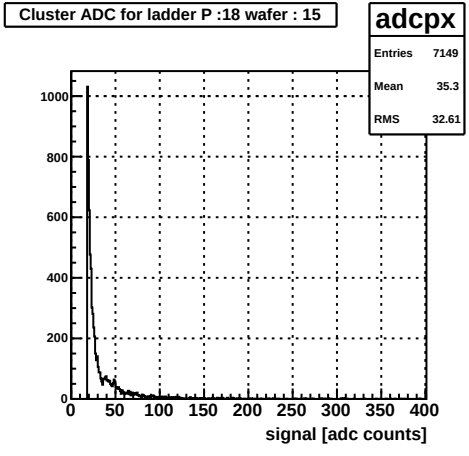

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2142
Mean 45.31
RMS 47.96
signal [adc counts]

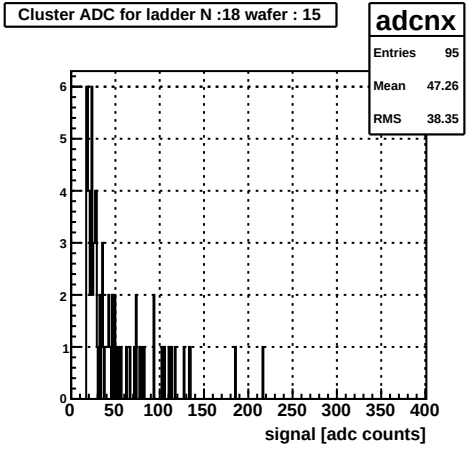

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2950
Mean 51.71
RMS 53.48
signal [adc counts]

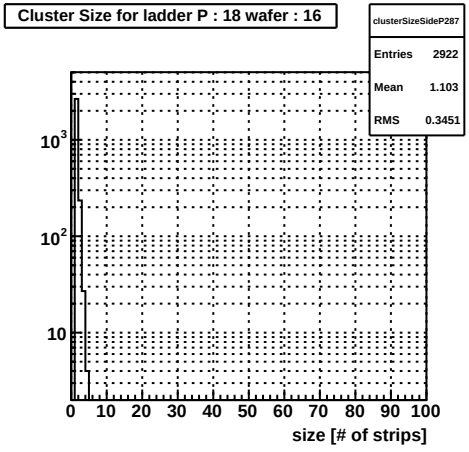

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7149
Mean 1.209
RMS 0.547
size [# of strips]

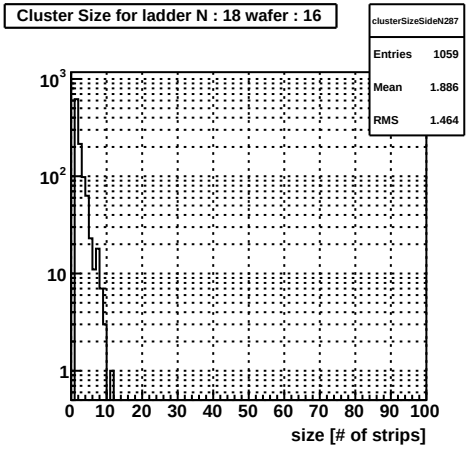

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 95
Mean 1.358
RMS 0.5604
size [# of strips]

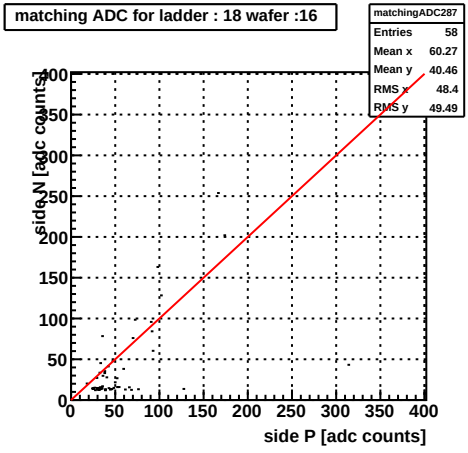

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 61
Mean x 122.5
Mean y 45.81
RMS x 74.15
RMS y 33.66
side N [adc counts]
side P [adc counts]

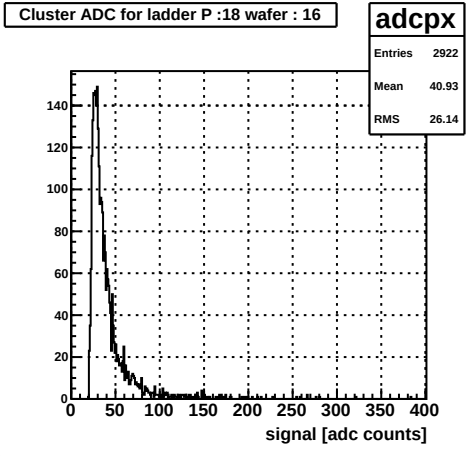

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7149
Mean 35.3
RMS 32.61
signal [adc counts]

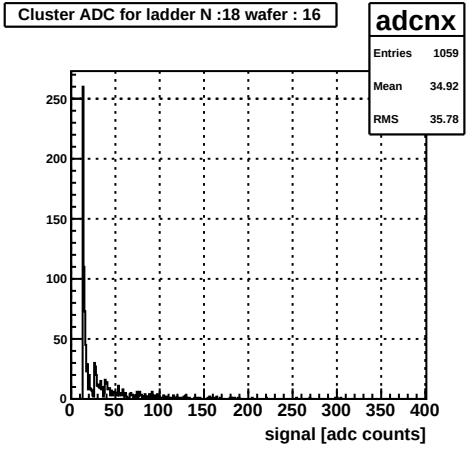

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 95
Mean 47.26
RMS 38.35
signal [adc counts]

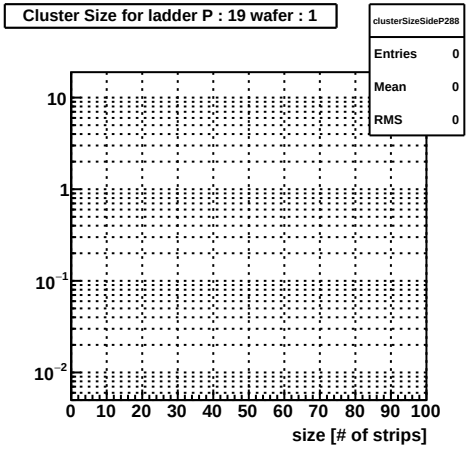

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2922
Mean 1.103
RMS 0.3451
size [# of strips]

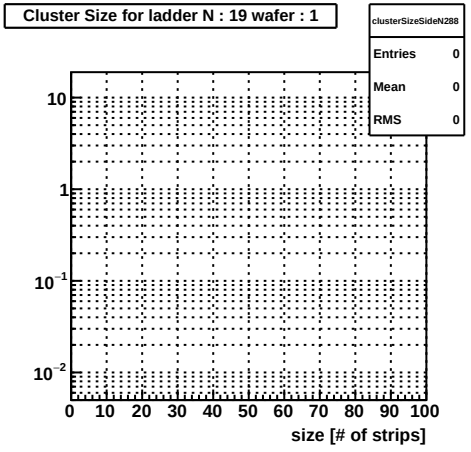

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1059
Mean 1.886
RMS 1.464
size [# of strips]

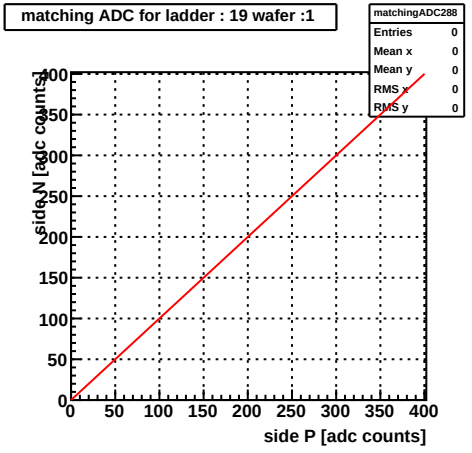

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 58
Mean x 60.27
Mean y 40.46
RMS x 48.4
RMS y 49.49
side N [adc counts]
side P [adc counts]

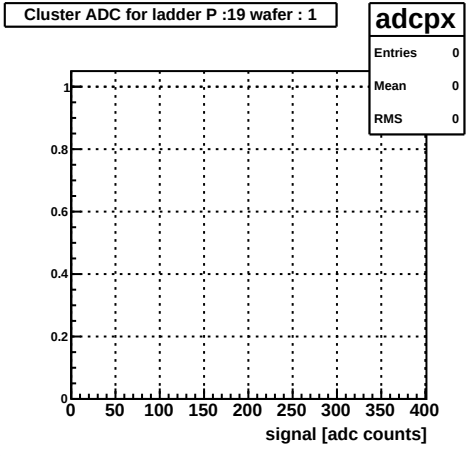

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2922
Mean 40.93
RMS 26.14
signal [adc counts]

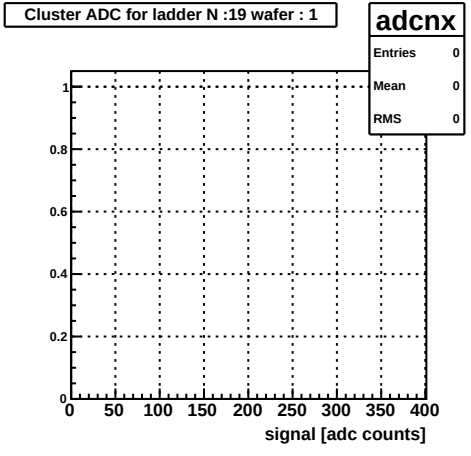

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1059
Mean 34.92
RMS 35.78
signal [adc counts]

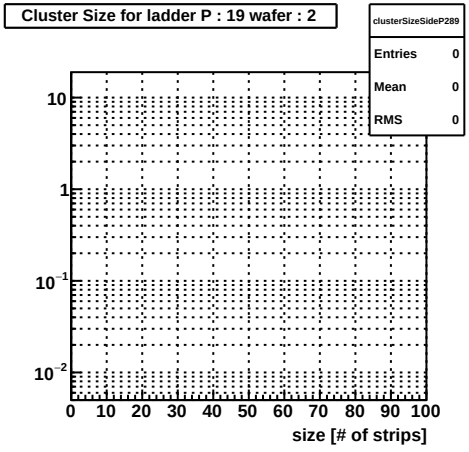

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

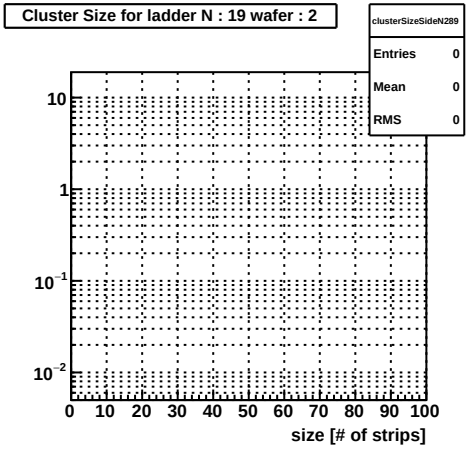

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

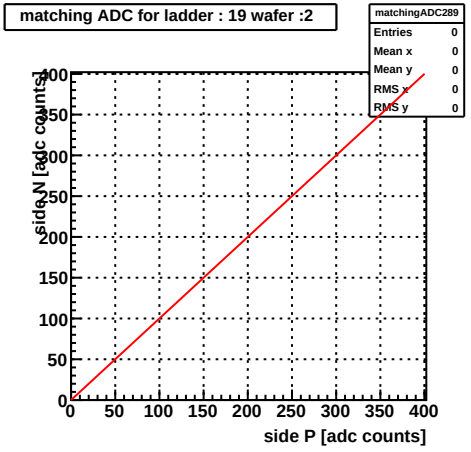

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

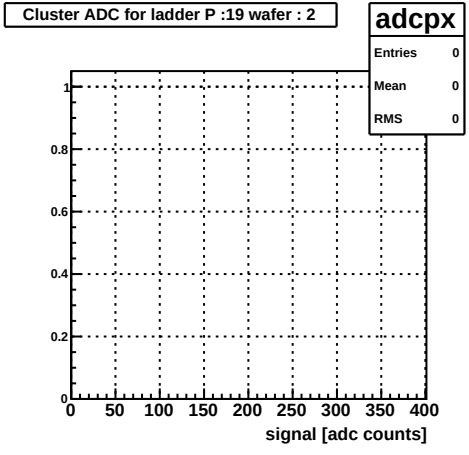

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

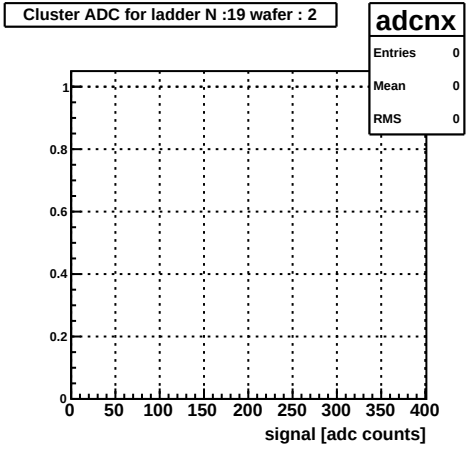

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

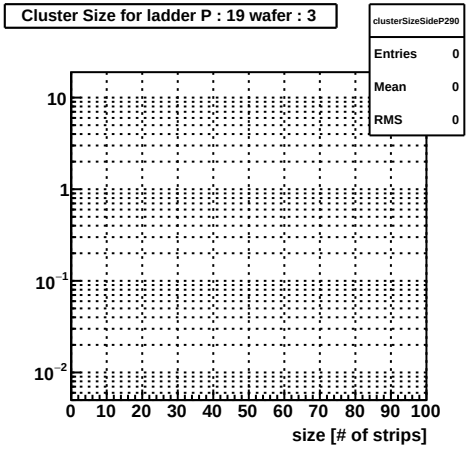

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

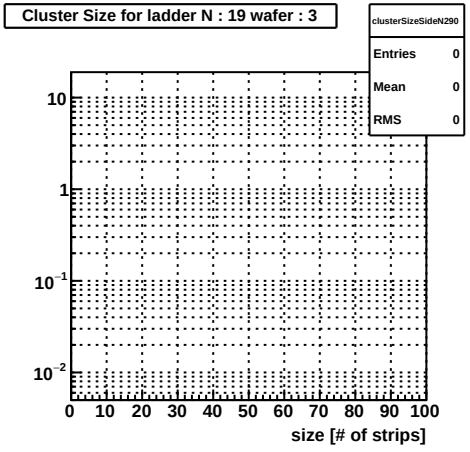

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

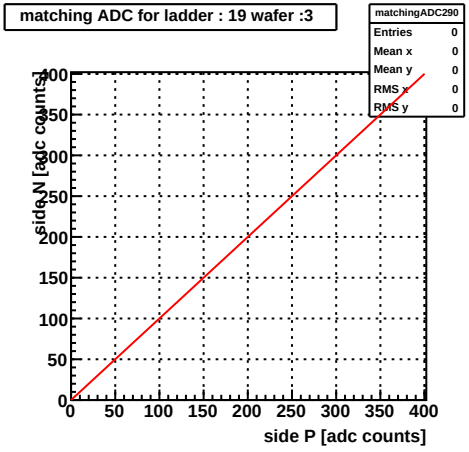

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

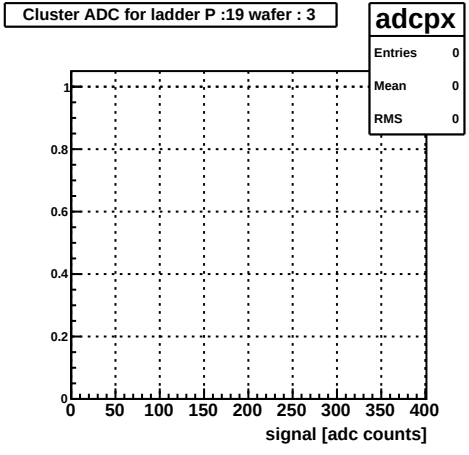

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

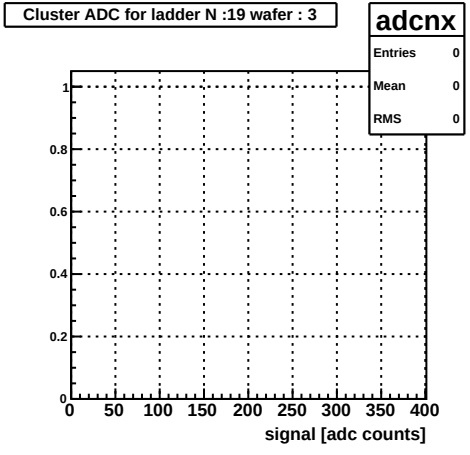

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

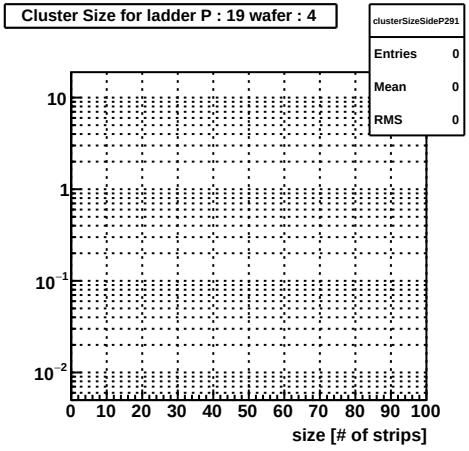

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

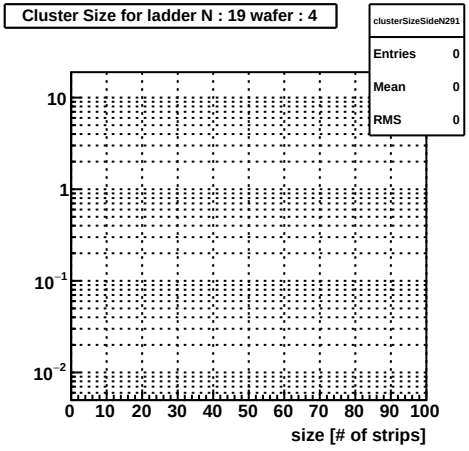

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

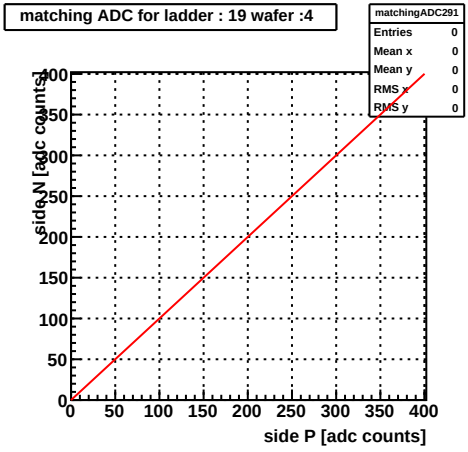

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

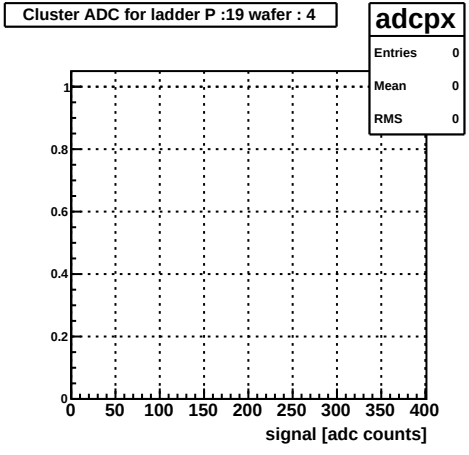

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

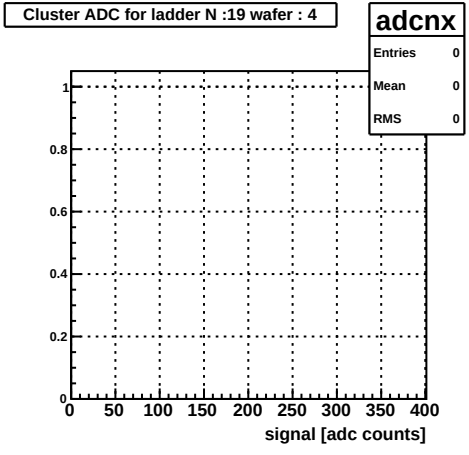

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

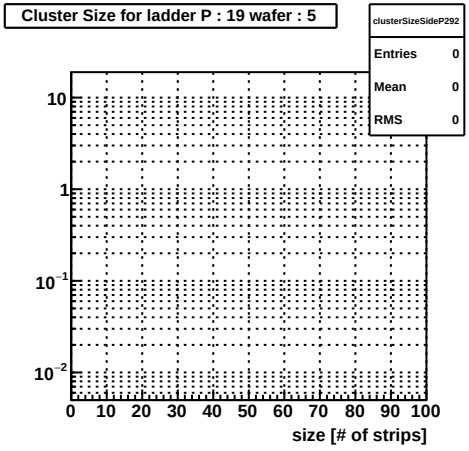

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

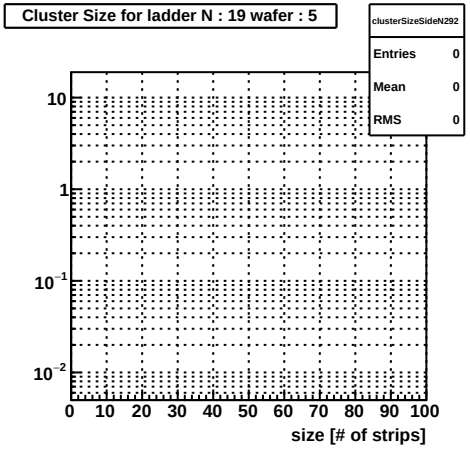

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

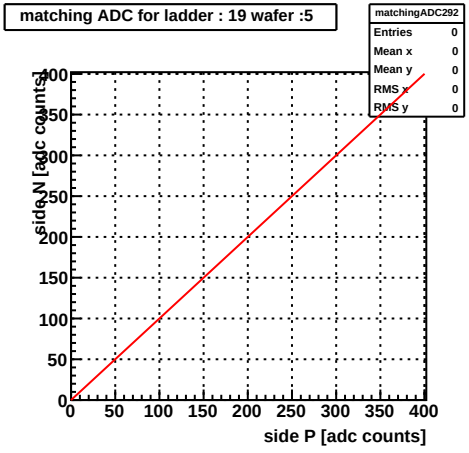

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

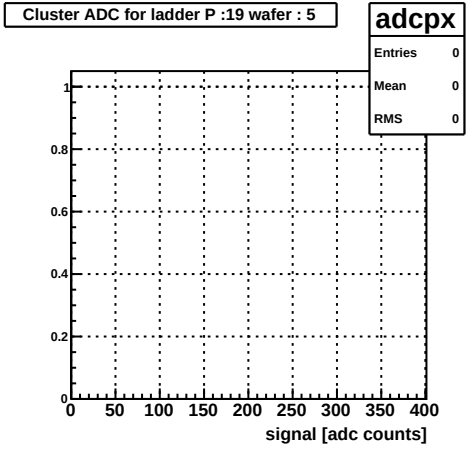

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

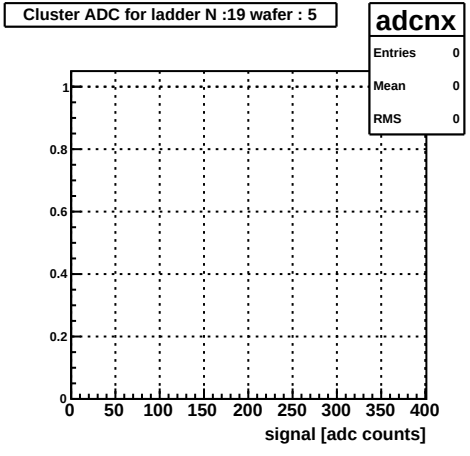

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

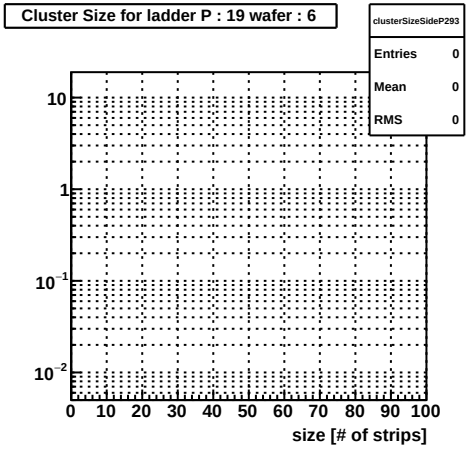

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

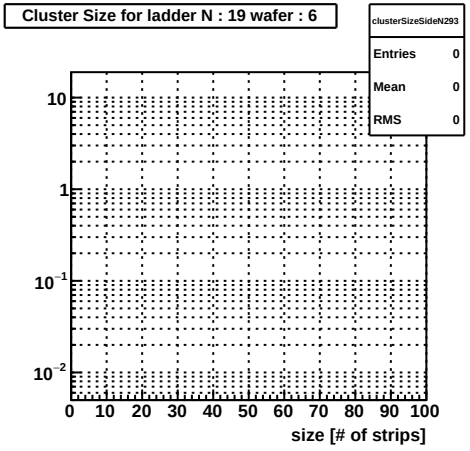

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

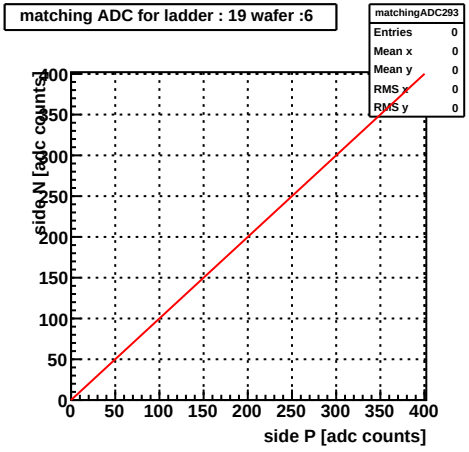

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

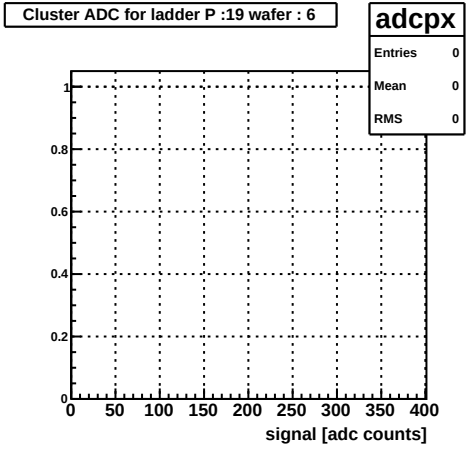

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

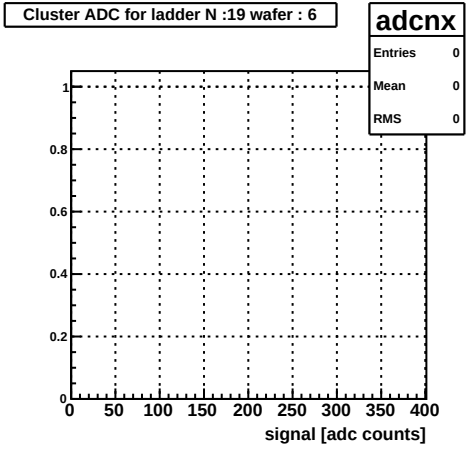

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

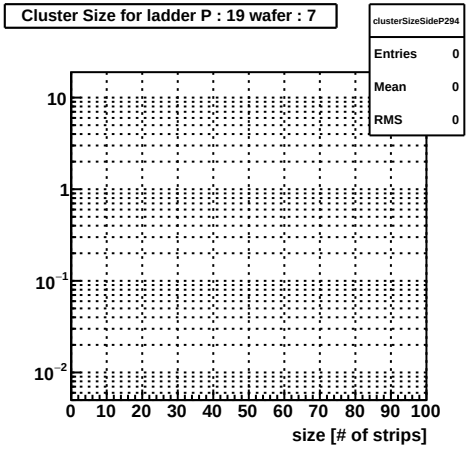

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

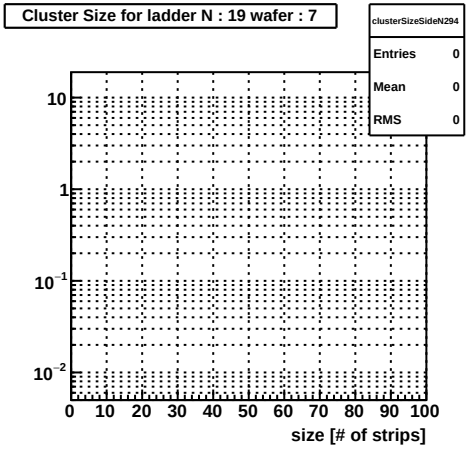

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

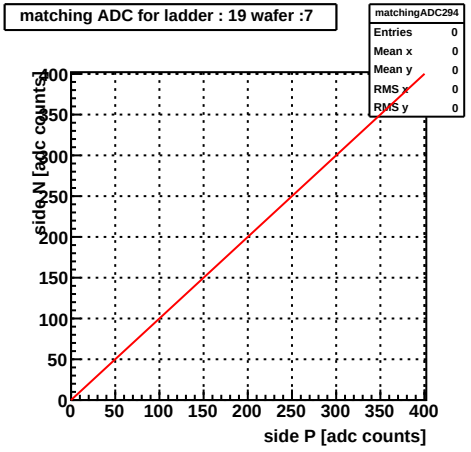

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

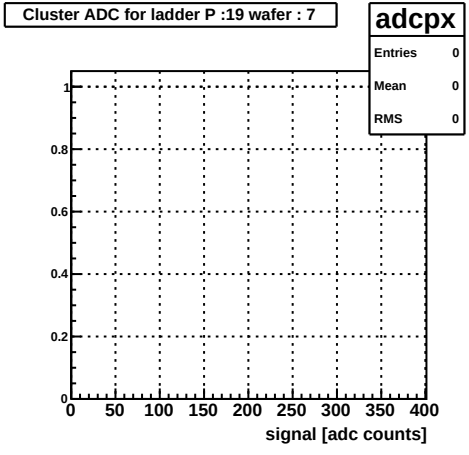

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

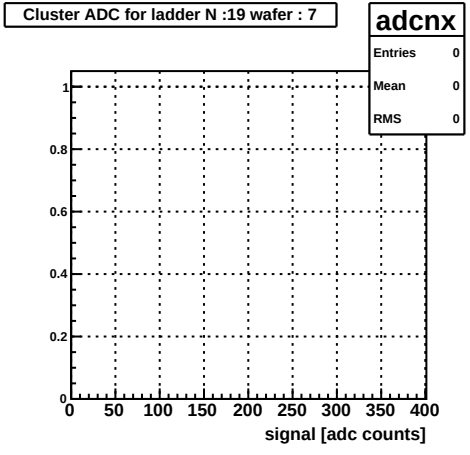

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

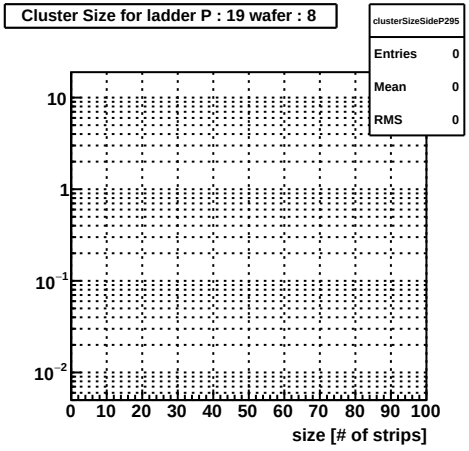

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

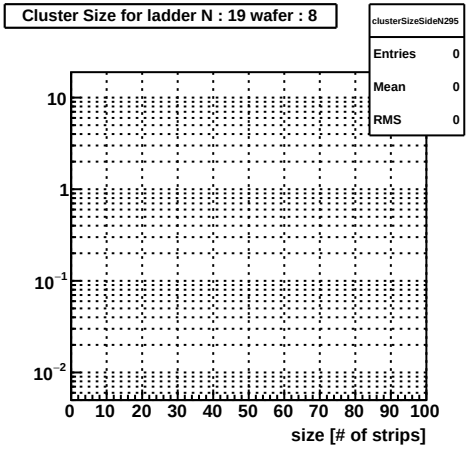

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

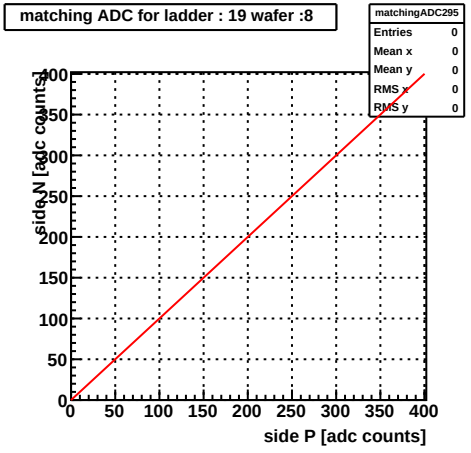

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

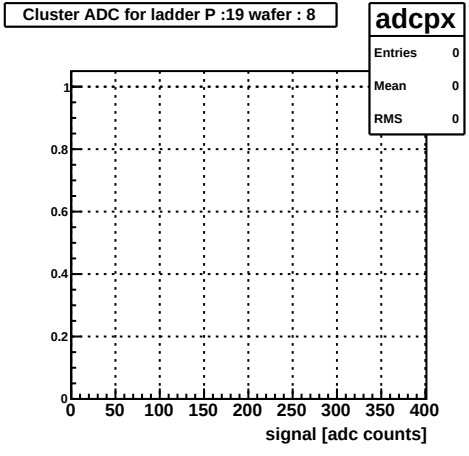

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

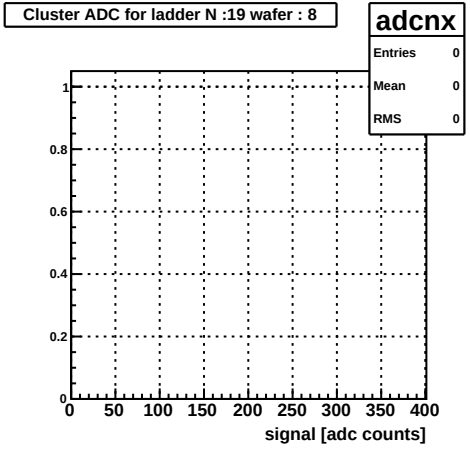

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

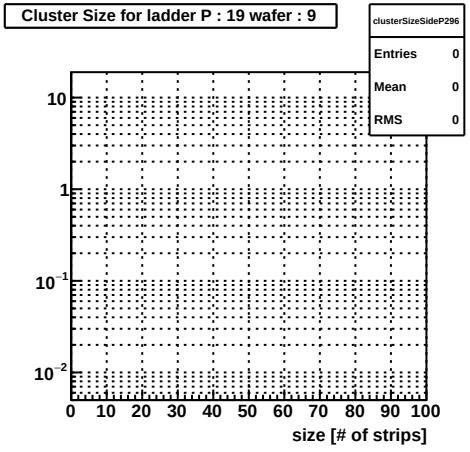

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

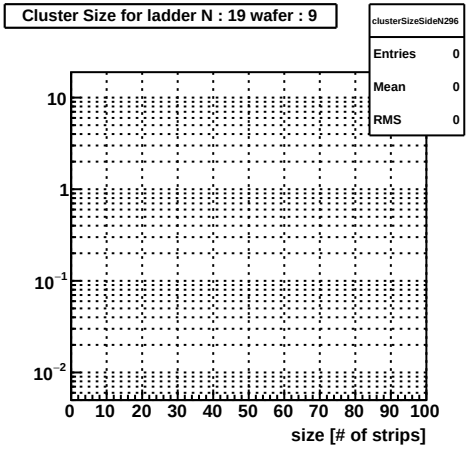

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

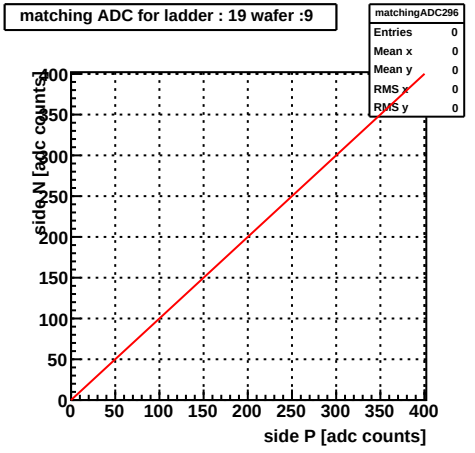

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

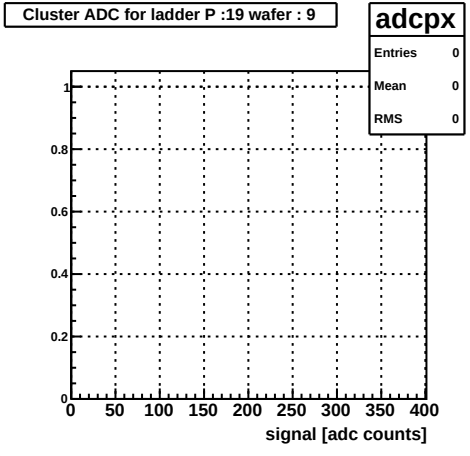

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

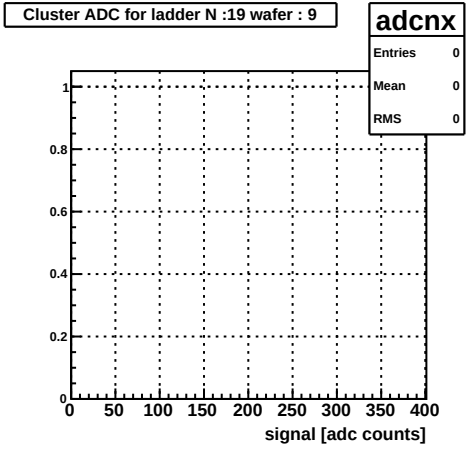

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

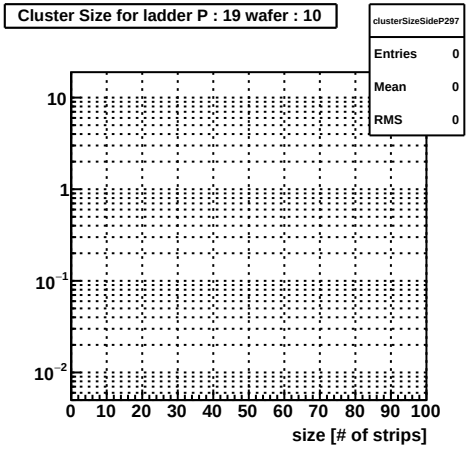

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

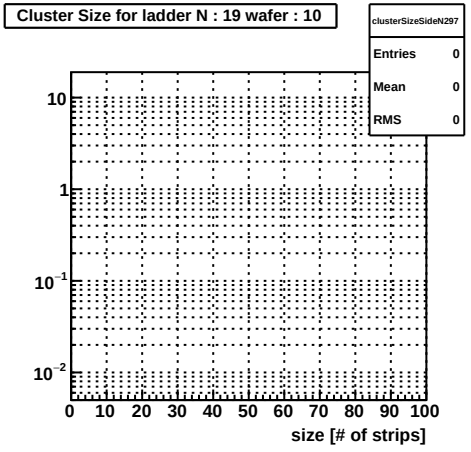

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

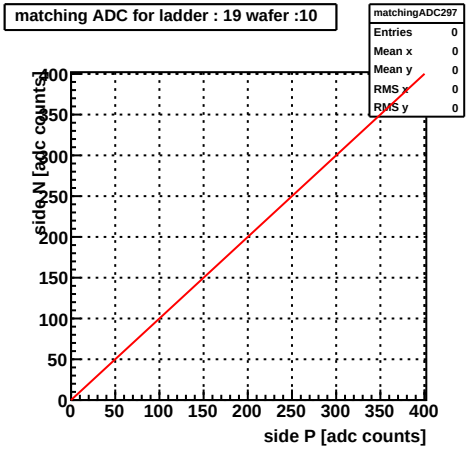

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

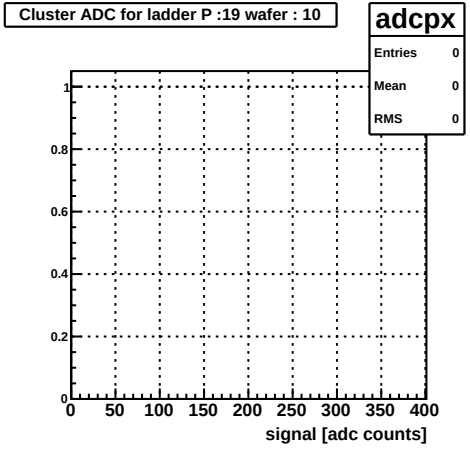

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

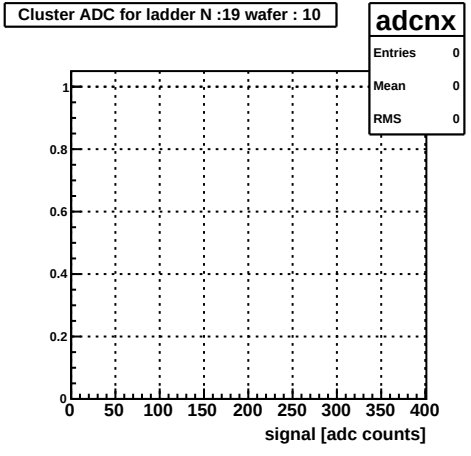

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

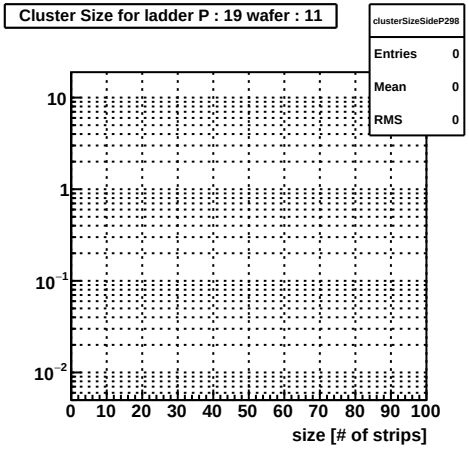

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

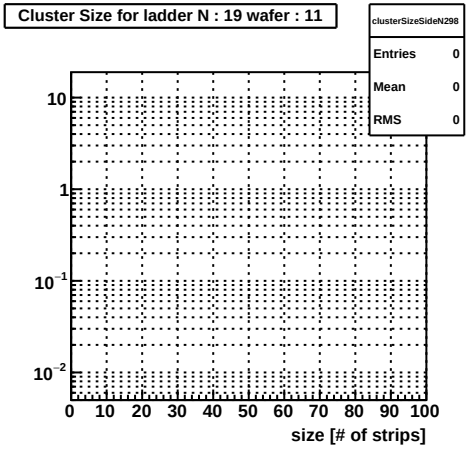

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

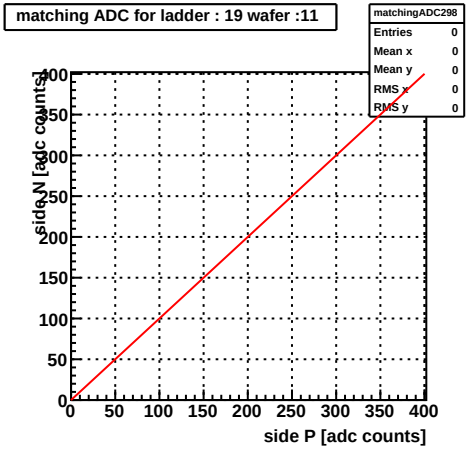

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

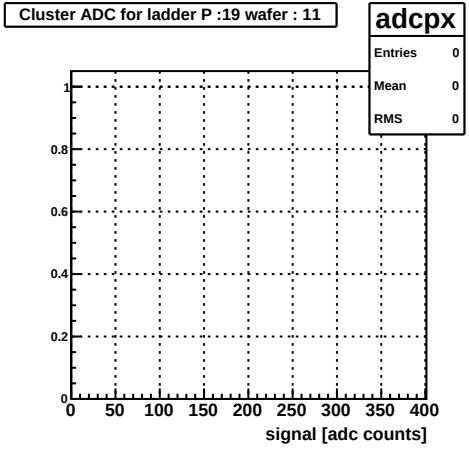

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

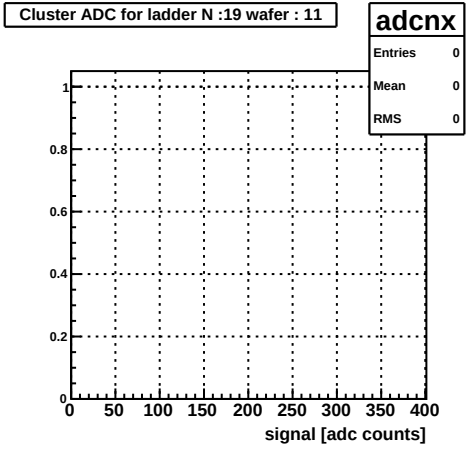

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

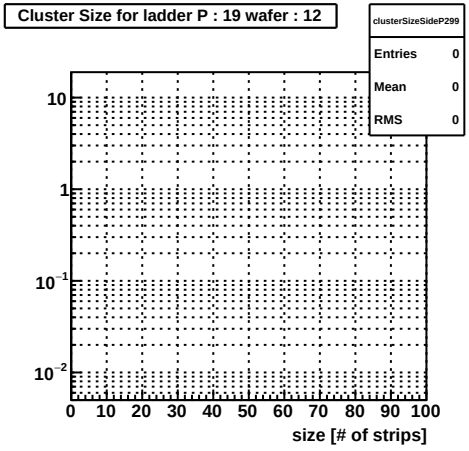

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

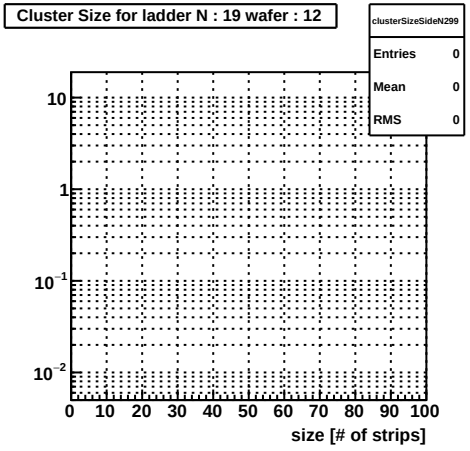

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

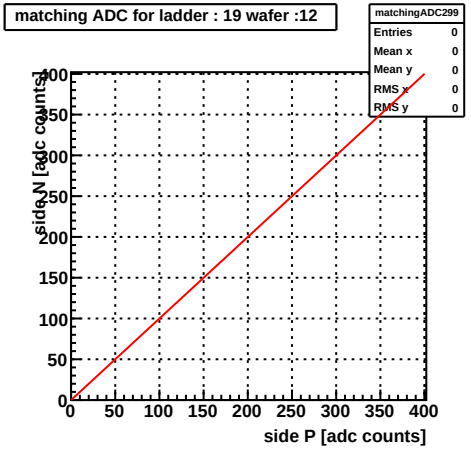

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

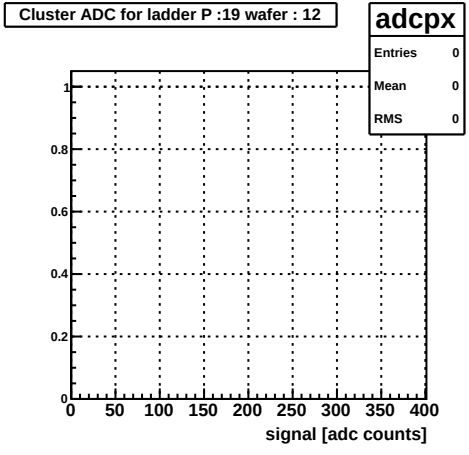

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

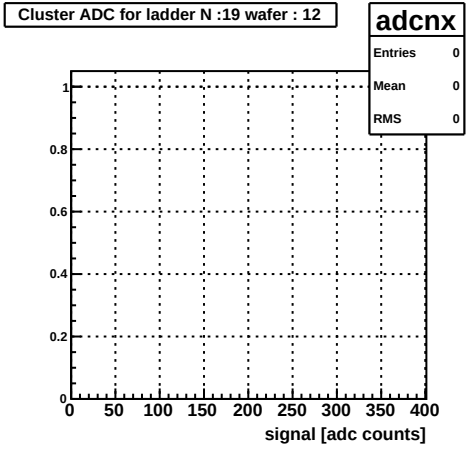

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

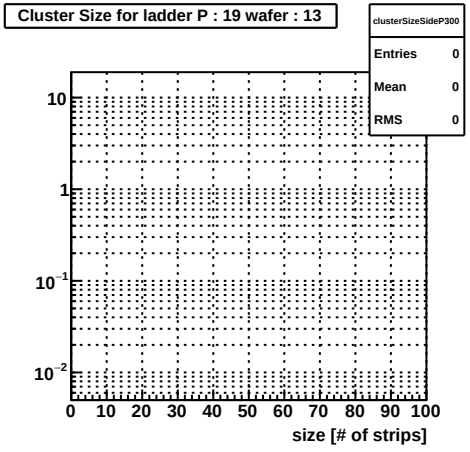

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

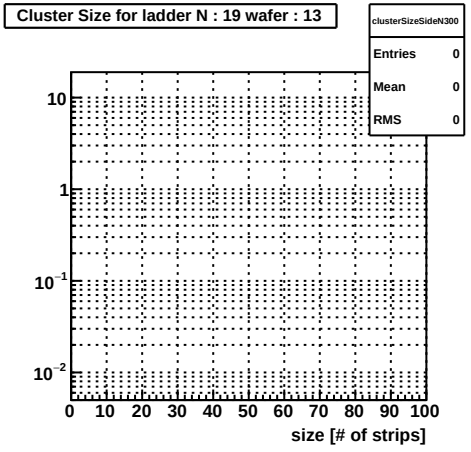

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

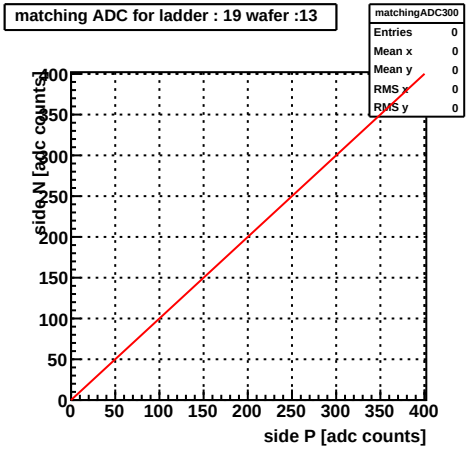

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

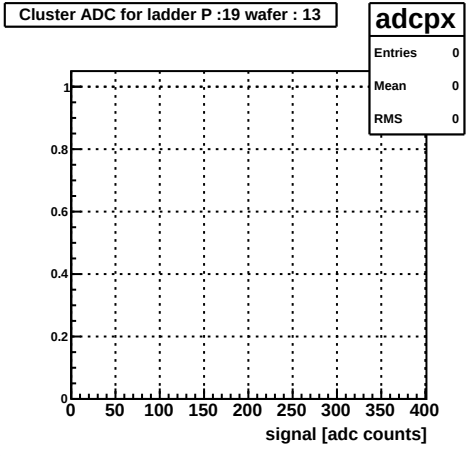

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

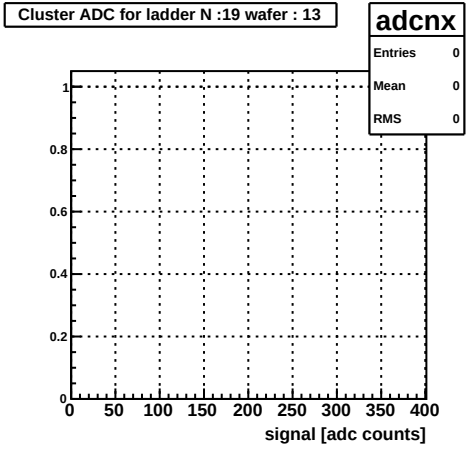

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

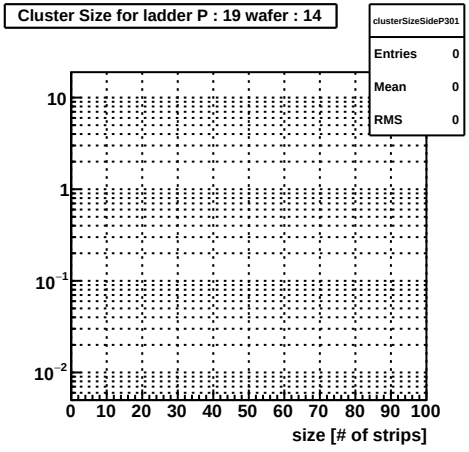

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

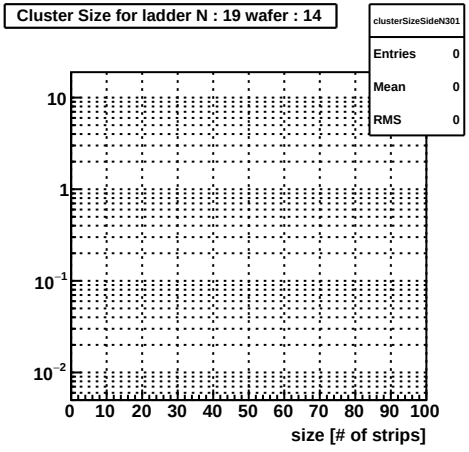

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

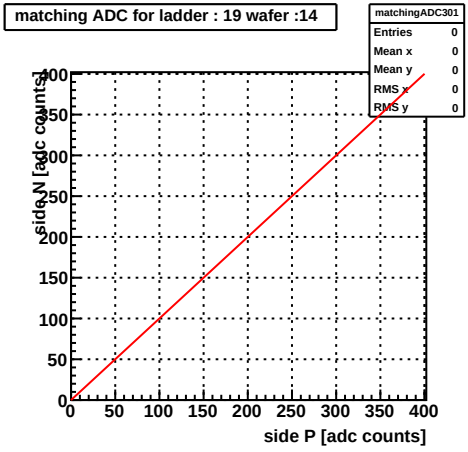

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

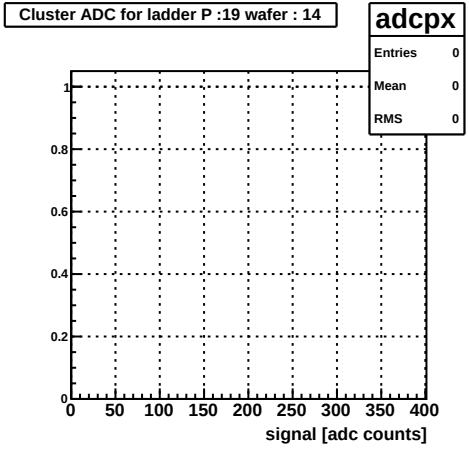

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

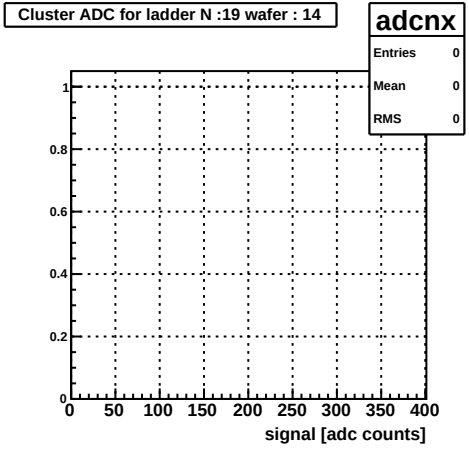

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

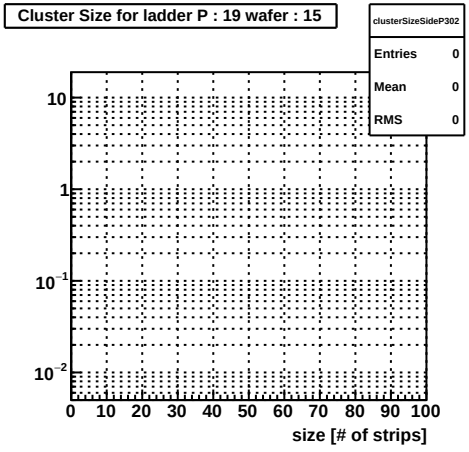

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

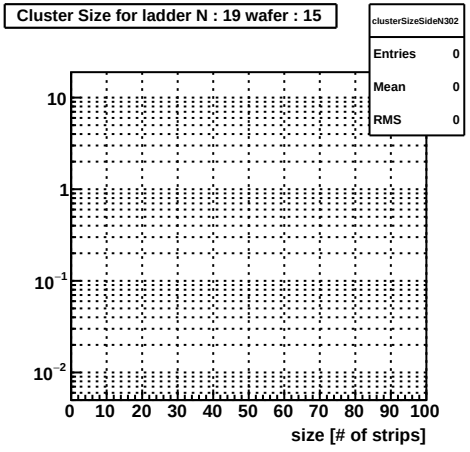

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

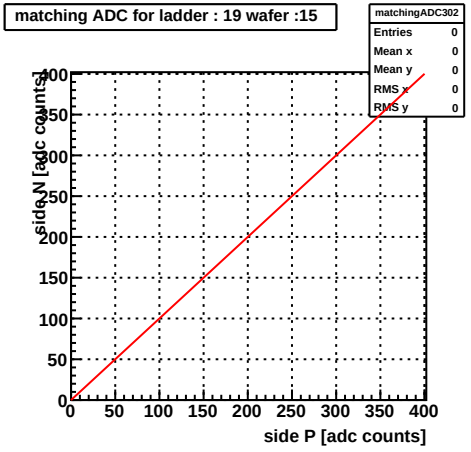

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

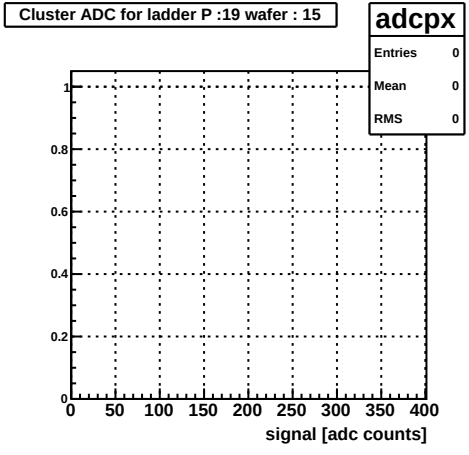

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

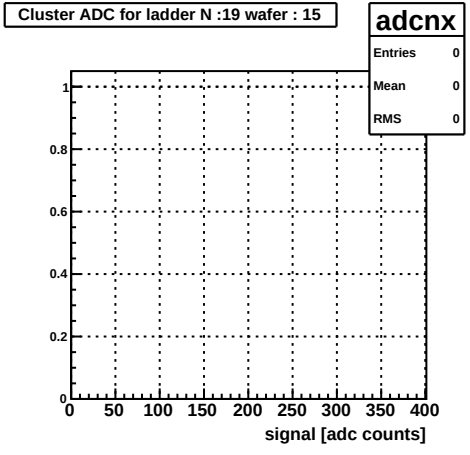

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

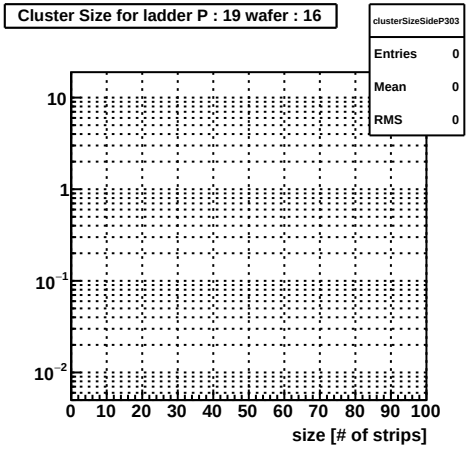

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

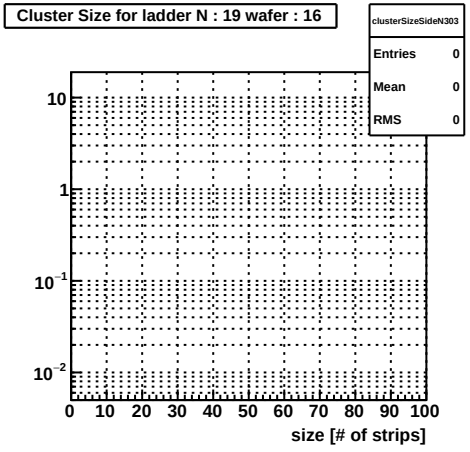

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

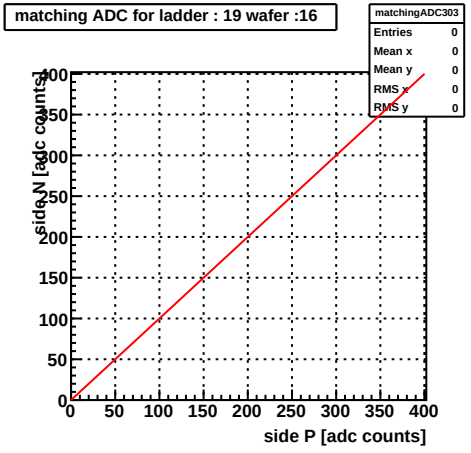

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

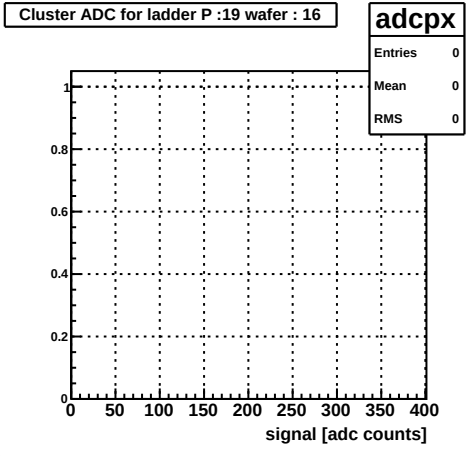

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

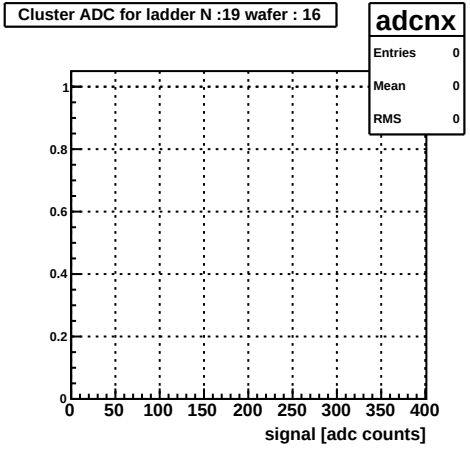

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

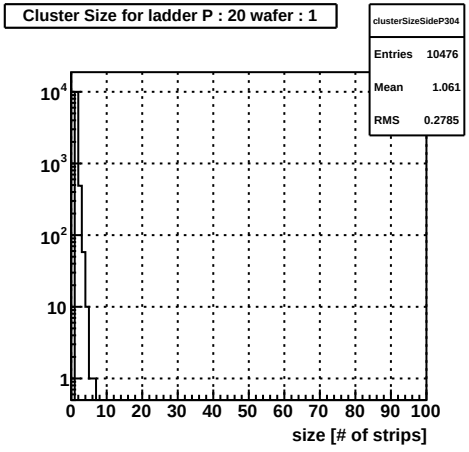

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

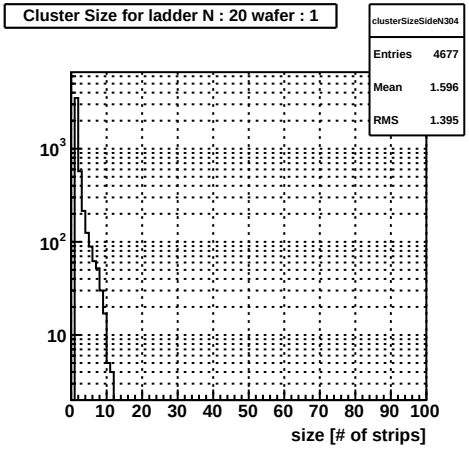

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

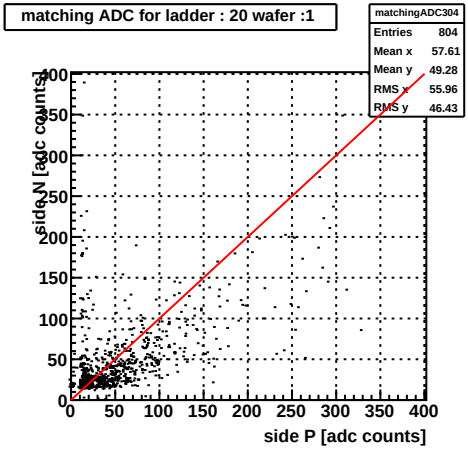

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

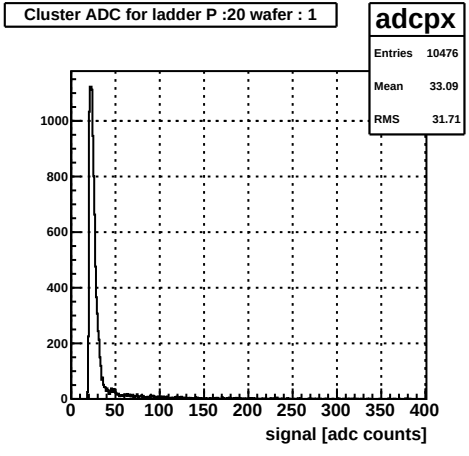

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

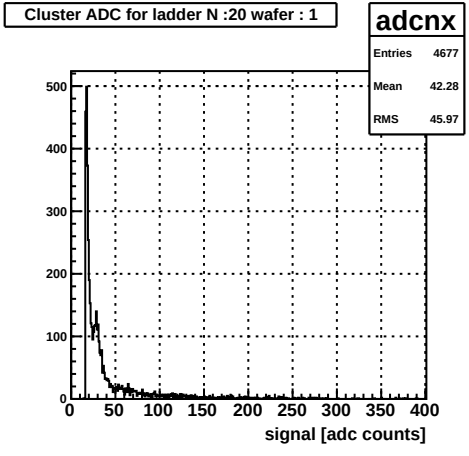

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

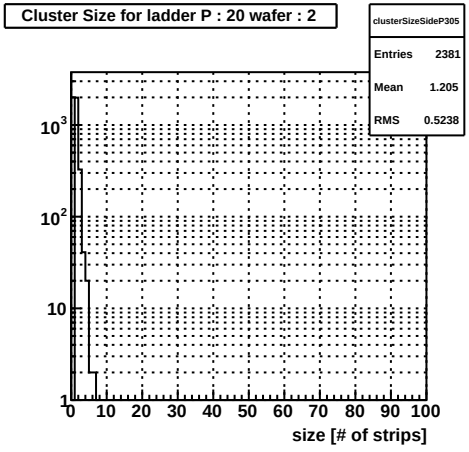

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 10476
Mean 1.061
RMS 0.2785
size [# of strips]

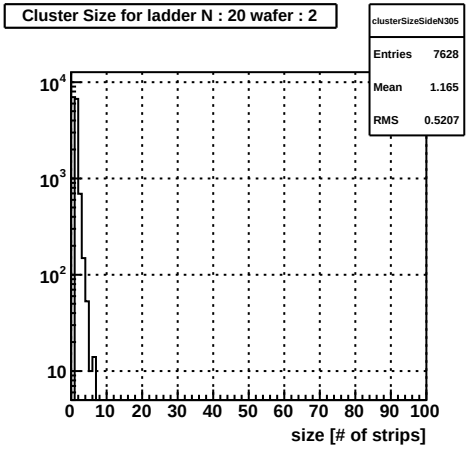

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4677
Mean 1.596
RMS 1.395
size [# of strips]

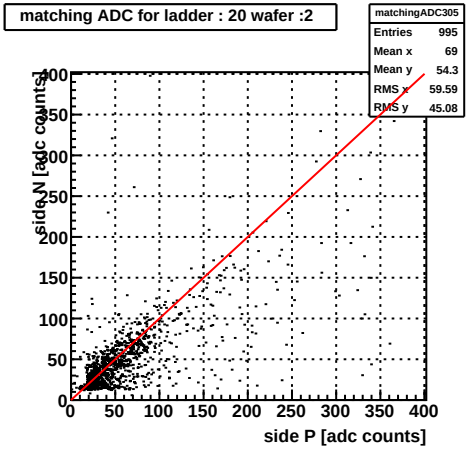

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 804
Mean x 57.61
Mean y 49.28
RMS x 55.96
RMS y 46.43
side N [adc counts]
side P [adc counts]

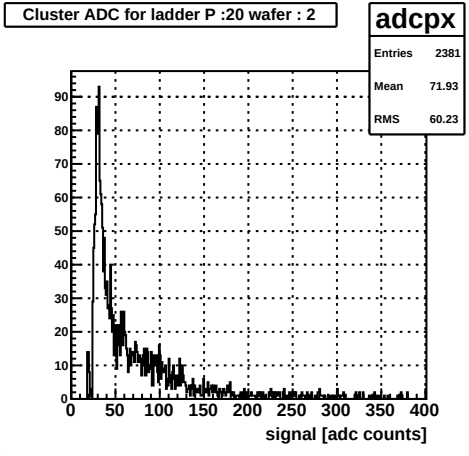

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 10476
Mean 33.09
RMS 31.71
signal [adc counts]

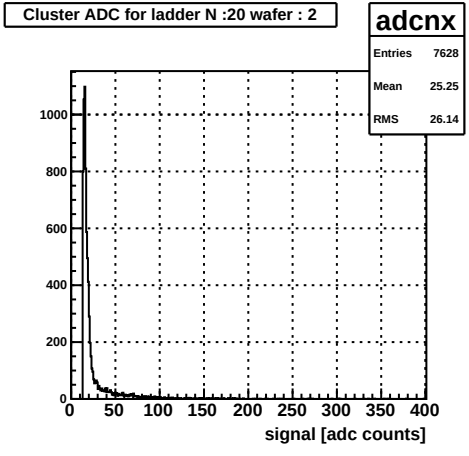

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4677
Mean 42.28
RMS 45.97
signal [adc counts]

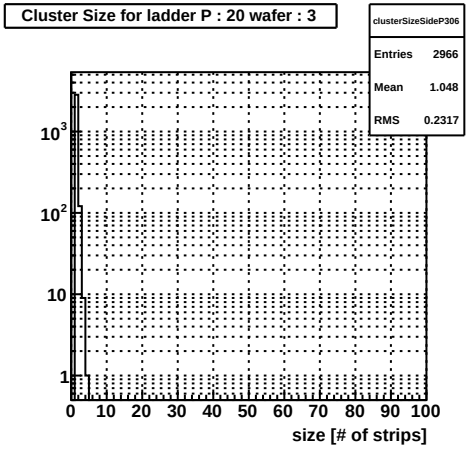

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2381
Mean 1.205
RMS 0.5238
size [# of strips]

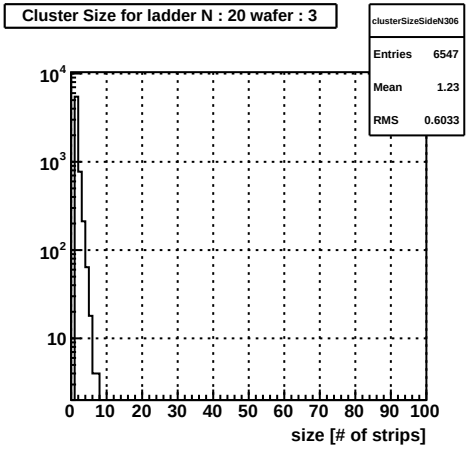

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 7628
Mean 1.165
RMS 0.5207
size [# of strips]

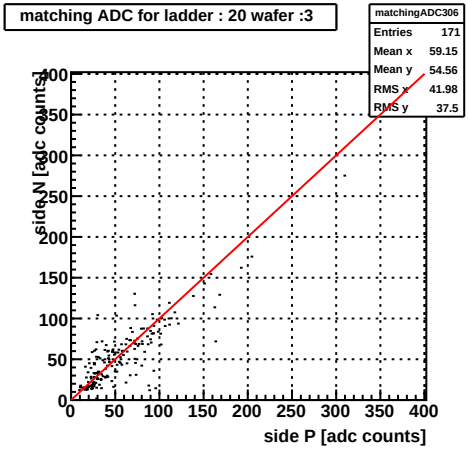

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 995
Mean x 69
Mean y 54.3
RMS x 59.59
RMS y 45.08
side N [adc counts]
side P [adc counts]

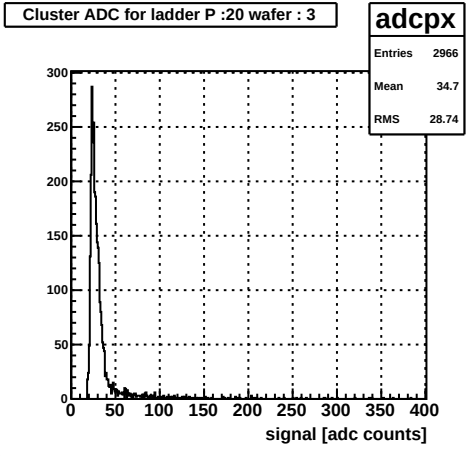

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2381
Mean 71.93
RMS 60.23
signal [adc counts]

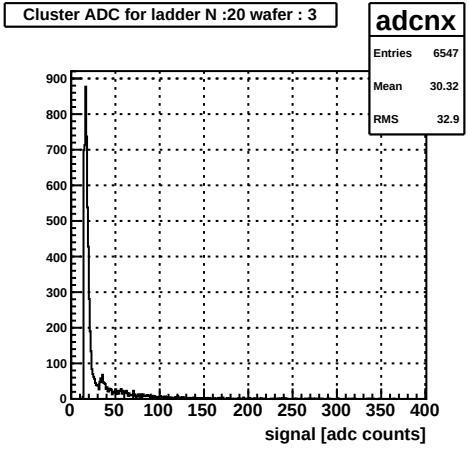

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 7628
Mean 25.25
RMS 26.14
signal [adc counts]

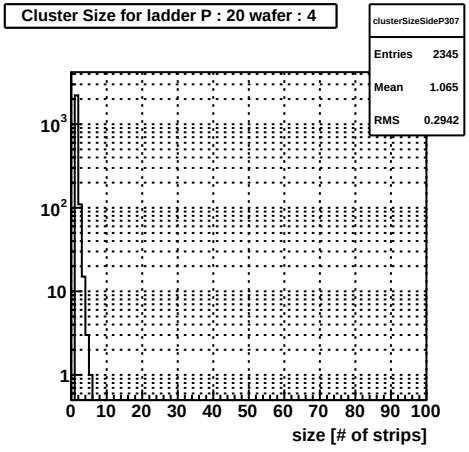

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2966
Mean 1.048
RMS 0.2317
size [# of strips]

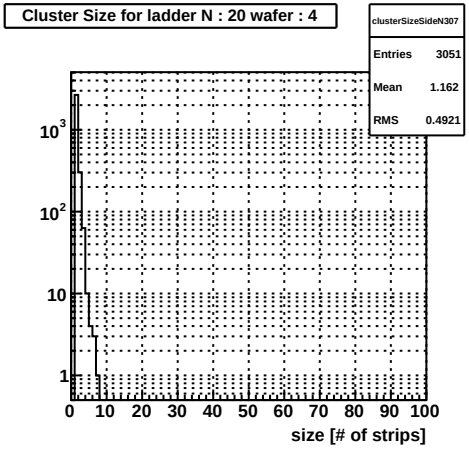

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6547
Mean 1.23
RMS 0.6033
size [# of strips]

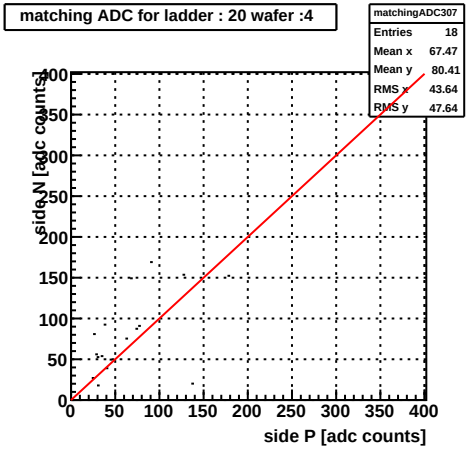

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 171
Mean x 59.15
Mean y 54.56
RMS x 41.98
RMS y 37.5
side N [adc counts]
side P [adc counts]

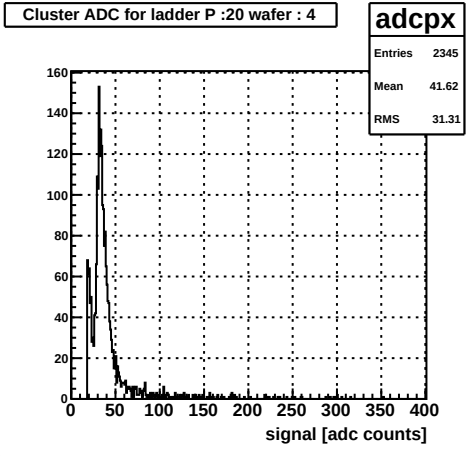

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2966
Mean 34.7
RMS 28.74
signal [adc counts]

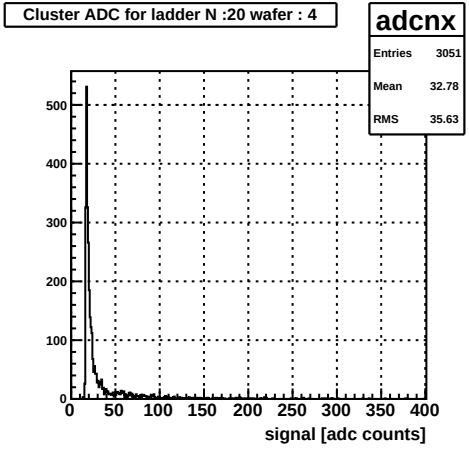

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6547
Mean 30.32
RMS 32.9
signal [adc counts]

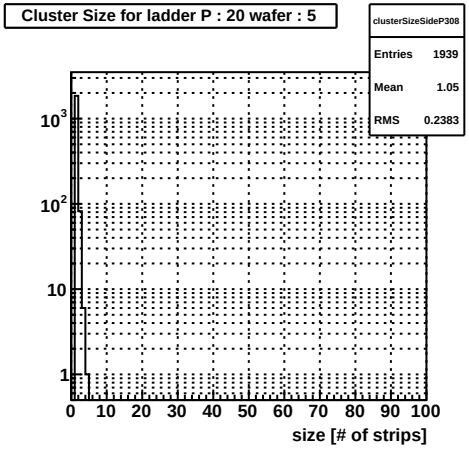

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2345
Mean 1.065
RMS 0.2942
size [# of strips]

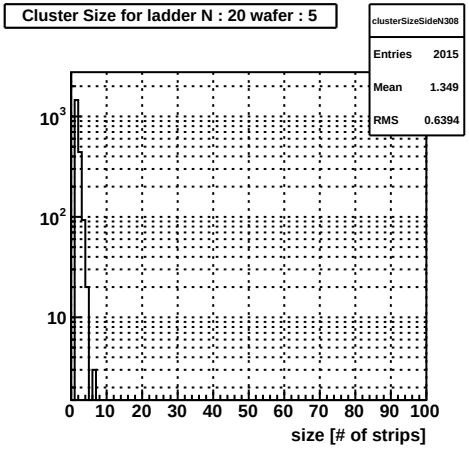

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3051
Mean 1.162
RMS 0.4921
size [# of strips]

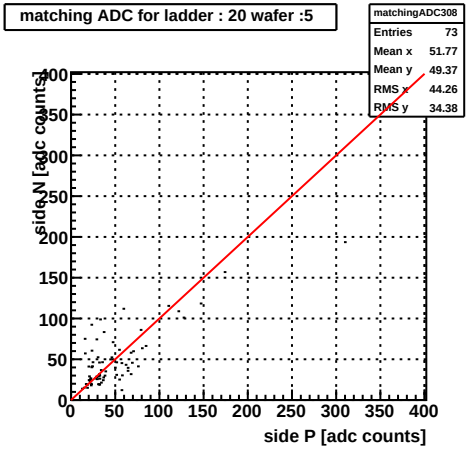

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 18
Mean x 67.47
Mean y 80.41
RMS x 43.64
RMS y 47.64
side N [adc counts]
side P [adc counts]

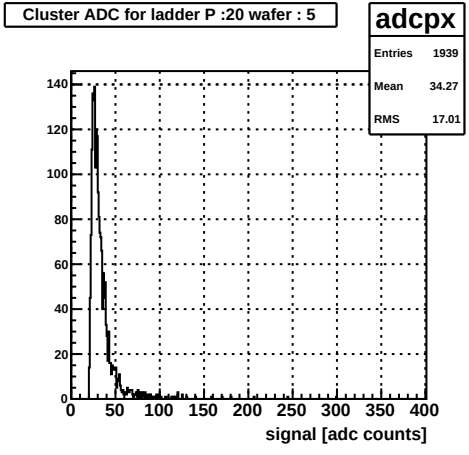

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2345
Mean 41.62
RMS 31.31
signal [adc counts]

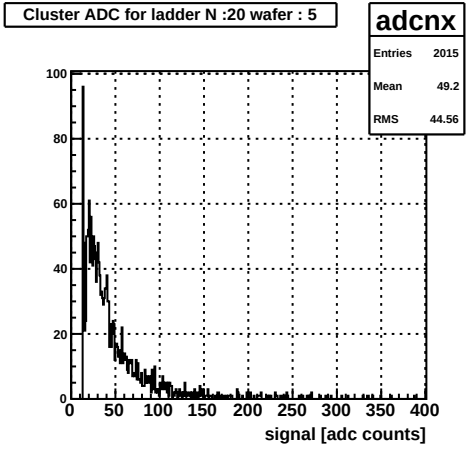

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3051
Mean 32.78
RMS 35.63
signal [adc counts]

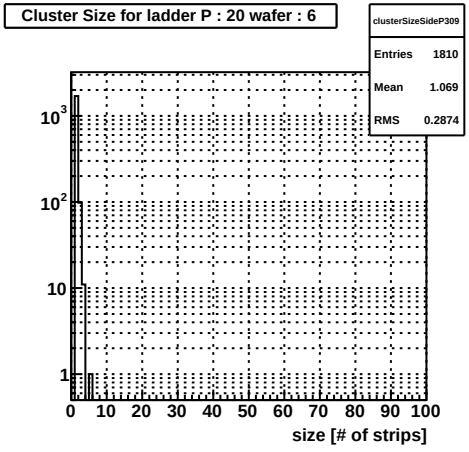

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1939
Mean 1.05
RMS 0.2383
size [# of strips]

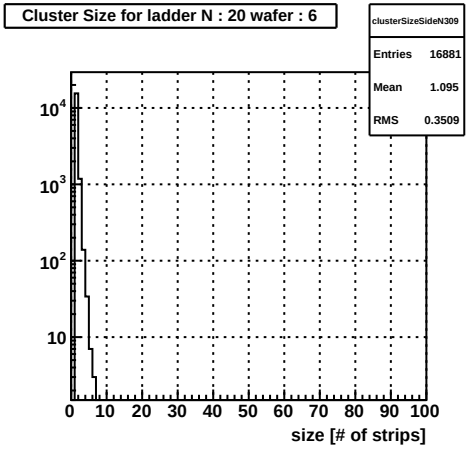

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2015
Mean 1.349
RMS 0.6394
size [# of strips]

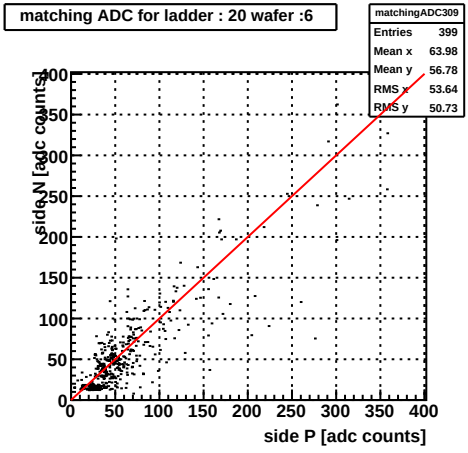

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 73
Mean x 51.77
Mean y 49.37
RMS x 44.26
RMS y 34.38
side N [adc counts]
side P [adc counts]

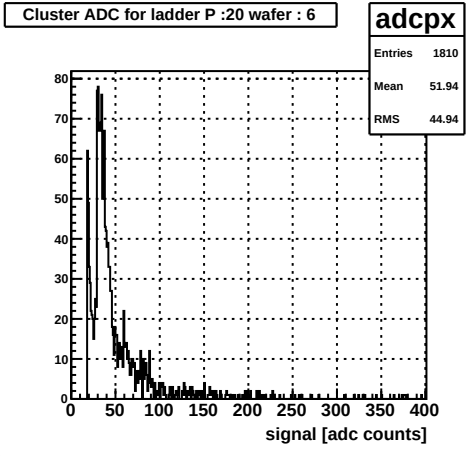

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1939
Mean 34.27
RMS 17.01
signal [adc counts]

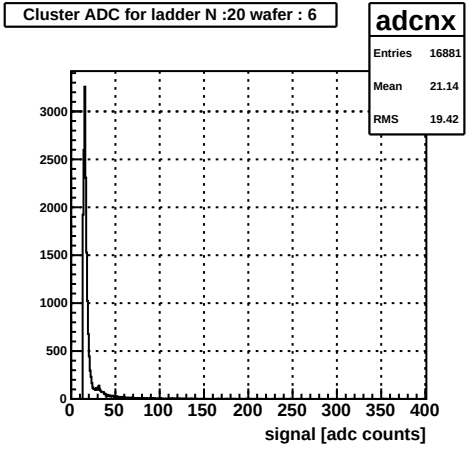

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2015
Mean 49.2
RMS 44.56
signal [adc counts]

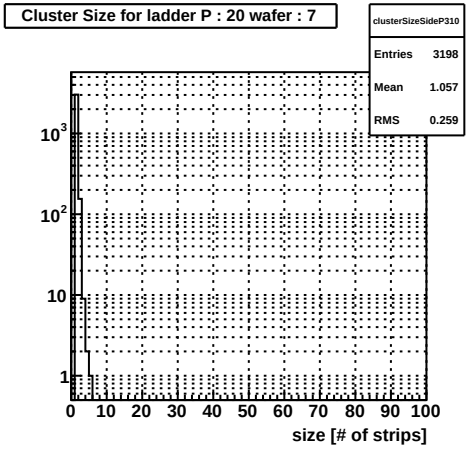

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1810
Mean 1.069
RMS 0.2874
size [# of strips]

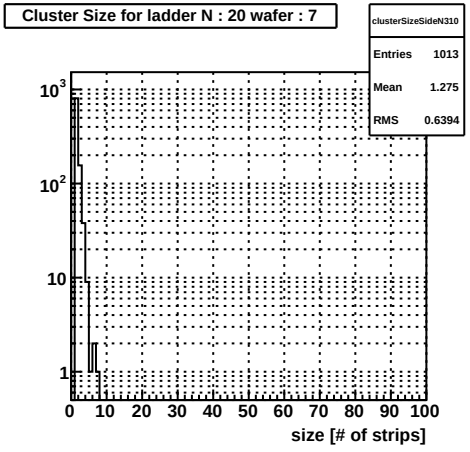

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 16881
Mean 1.095
RMS 0.3509
size [# of strips]

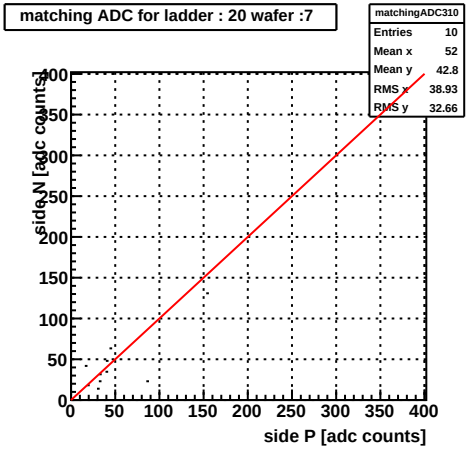

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 399
Mean x 63.98
Mean y 56.78
RMS x 53.64
RMS y 50.73
side N [adc counts]
side P [adc counts]

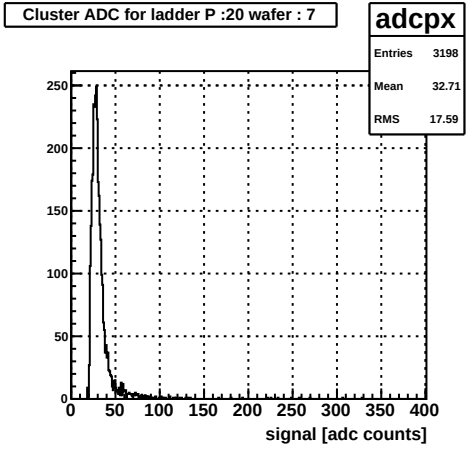

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1810
Mean 51.94
RMS 44.94
signal [adc counts]

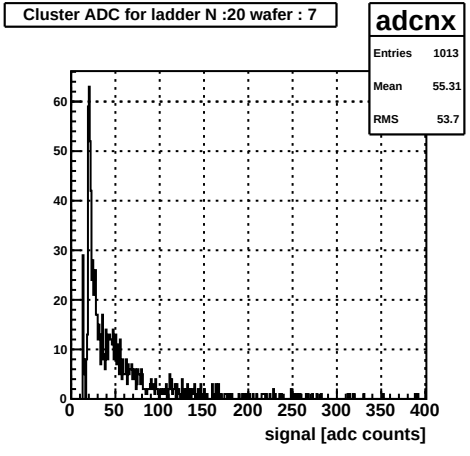

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 16881
Mean 21.14
RMS 19.42
signal [adc counts]

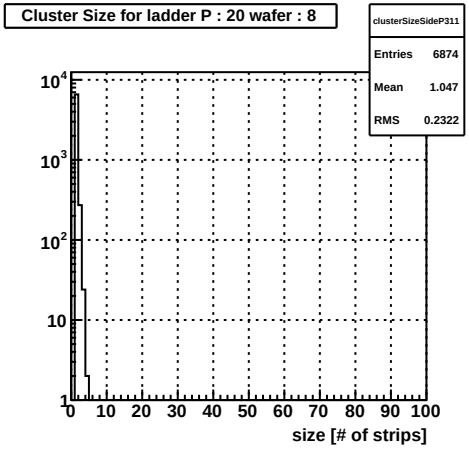

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3198
Mean 1.057
RMS 0.259
size [# of strips]

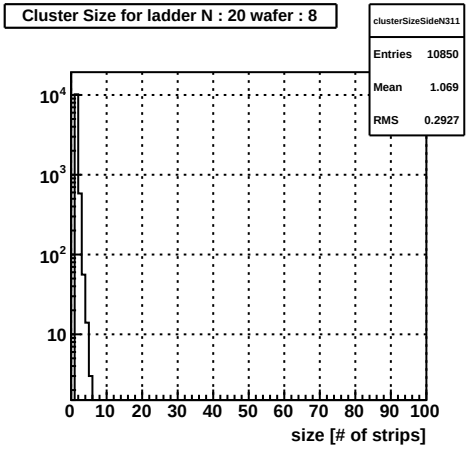

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1013
Mean 1.275
RMS 0.6394
size [# of strips]

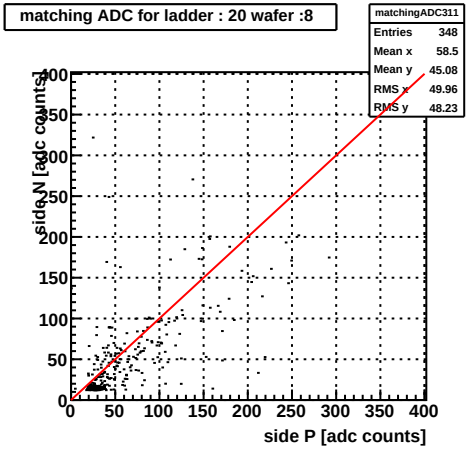

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 10
Mean x 52
Mean y 42.8
RMS x 38.93
RMS y 32.66
side N [adc counts]
side P [adc counts]

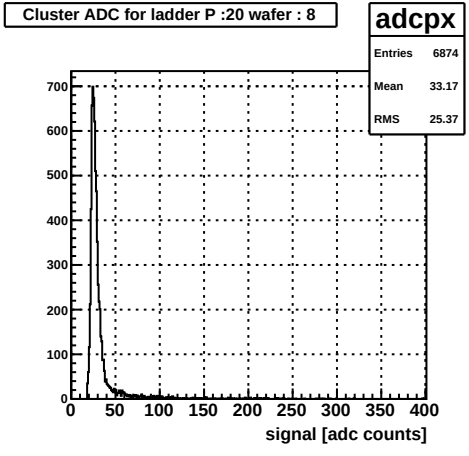

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3198
Mean 32.71
RMS 17.59
signal [adc counts]

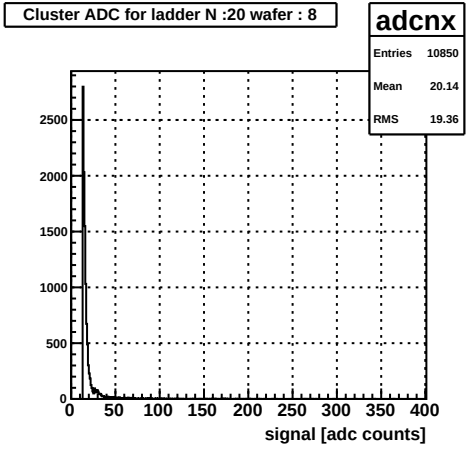

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1013
Mean 55.31
RMS 53.7
signal [adc counts]

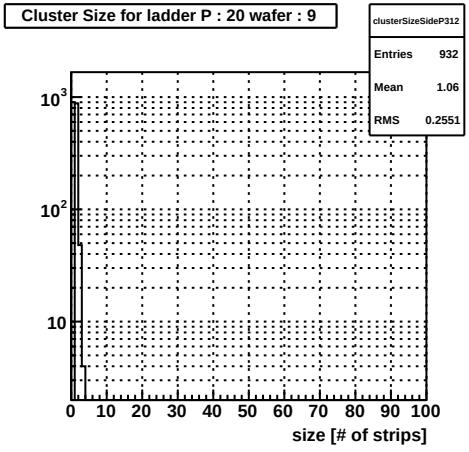

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 6874
Mean 1.047
RMS 0.2322
size [# of strips]

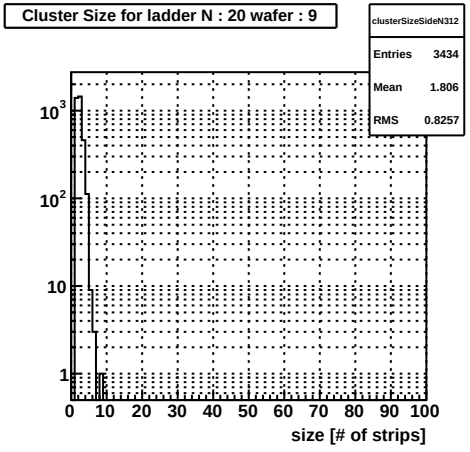

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10850
Mean 1.069
RMS 0.2927
size [# of strips]

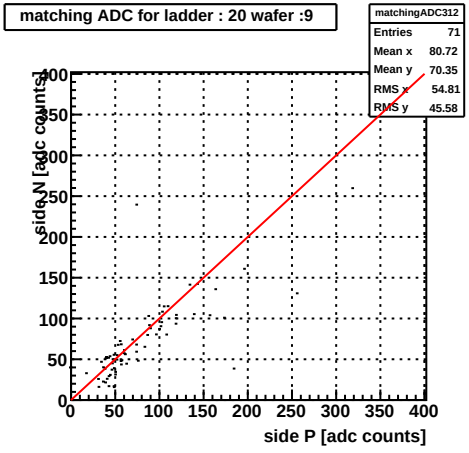

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 348
Mean x 58.5
Mean y 45.08
RMS x 49.96
RMS y 48.23
side N [adc counts]
side P [adc counts]

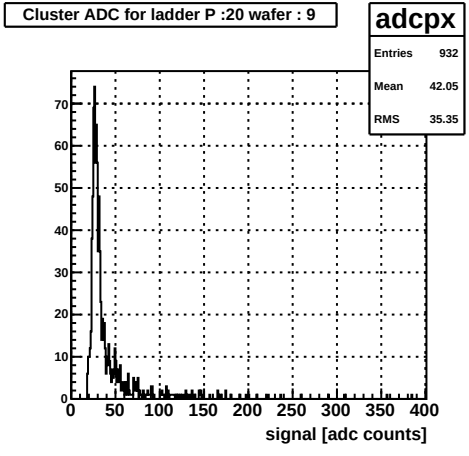

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 6874
Mean 33.17
RMS 25.37
signal [adc counts]

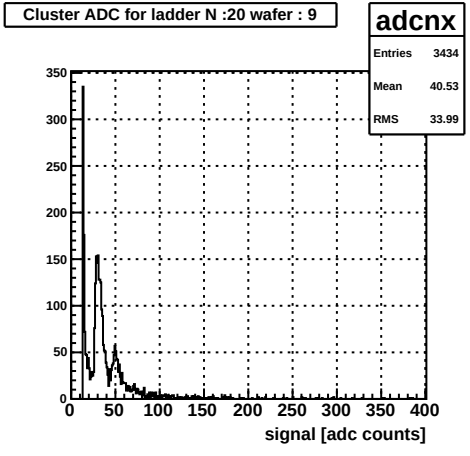

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10850
Mean 20.14
RMS 19.36
signal [adc counts]

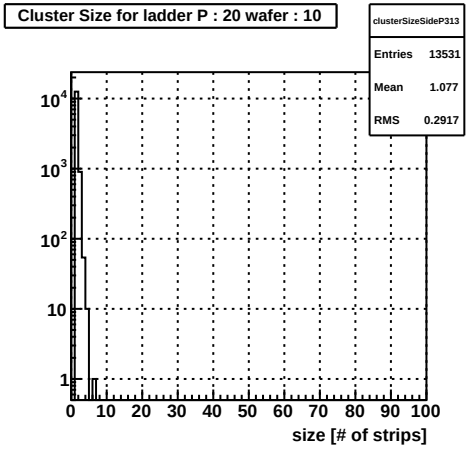

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 932
Mean 1.06
RMS 0.2551
size [# of strips]

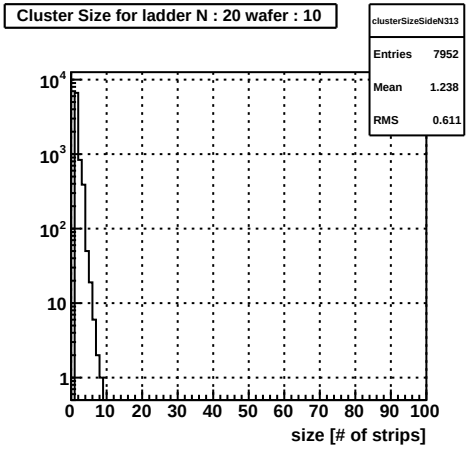

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3434
Mean 1.806
RMS 0.8257
size [# of strips]

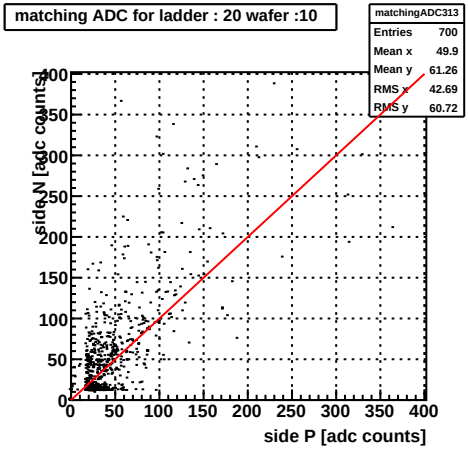

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 71
Mean x 80.72
Mean y 70.35
RMS x 54.81
RMS y 45.58
side N [adc counts]
side P [adc counts]

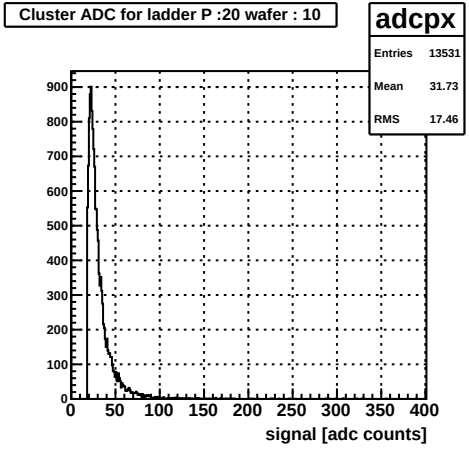

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 932
Mean 42.05
RMS 35.35
signal [adc counts]

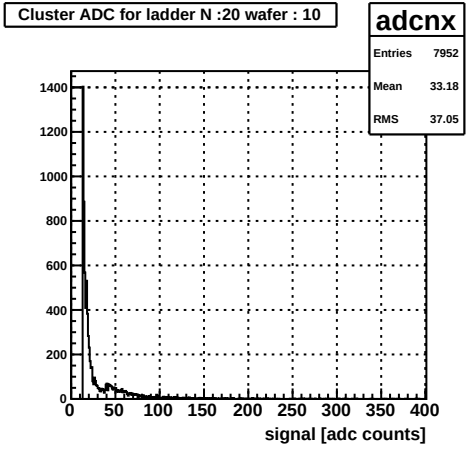

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3434
Mean 40.53
RMS 33.99
signal [adc counts]

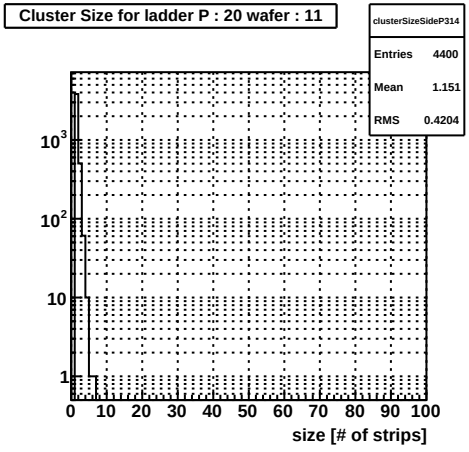

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13531
Mean 1.077
RMS 0.2917
size [# of strips]

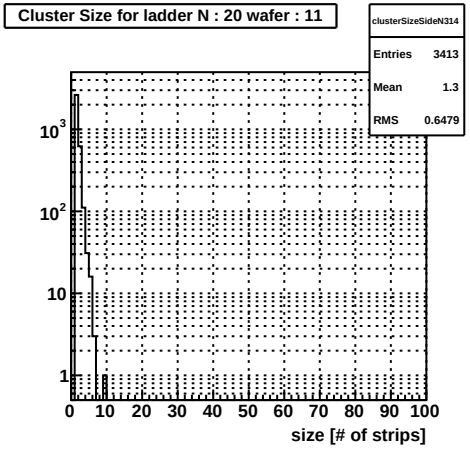

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7952
Mean 1.238
RMS 0.611
size [# of strips]

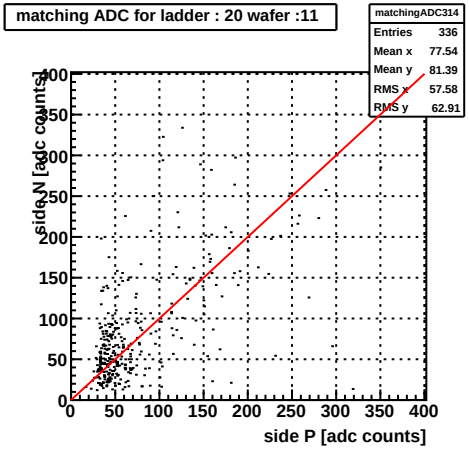

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 700
Mean x 49.9
Mean y 61.26
RMS x 42.69
RMS y 60.72
side N [adc counts]
side P [adc counts]

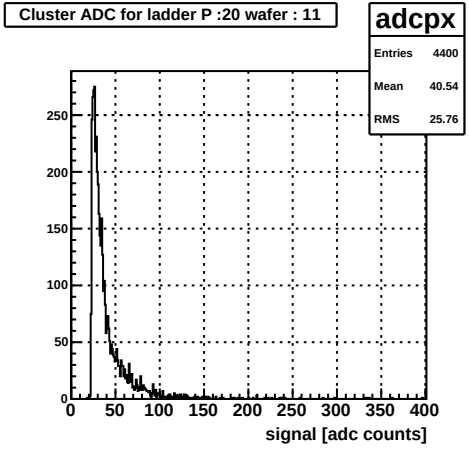

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13531
Mean 31.73
RMS 17.46
signal [adc counts]

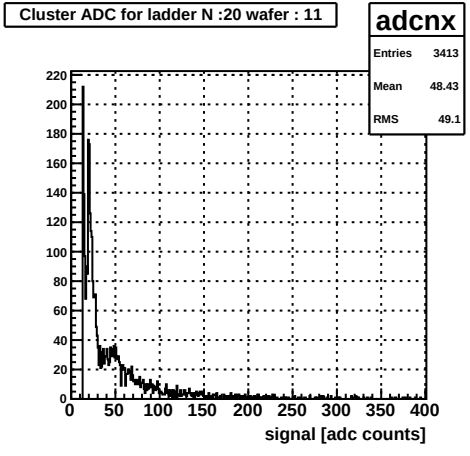

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7952
Mean 33.18
RMS 37.05
signal [adc counts]

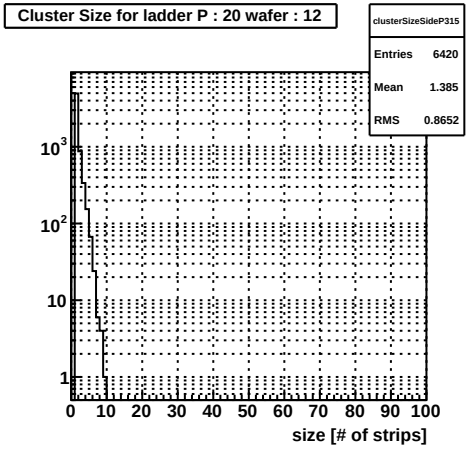

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4400
Mean 1.151
RMS 0.4204
size [# of strips]

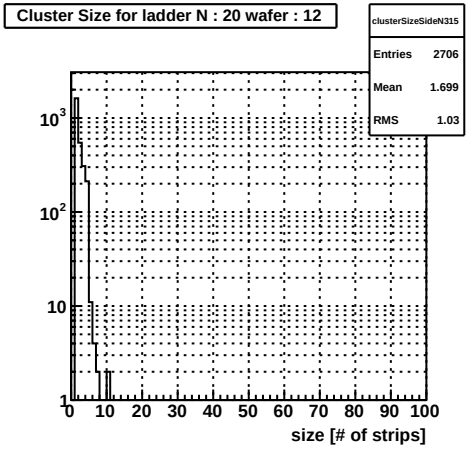

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3413
Mean 1.3
RMS 0.6479
size [# of strips]

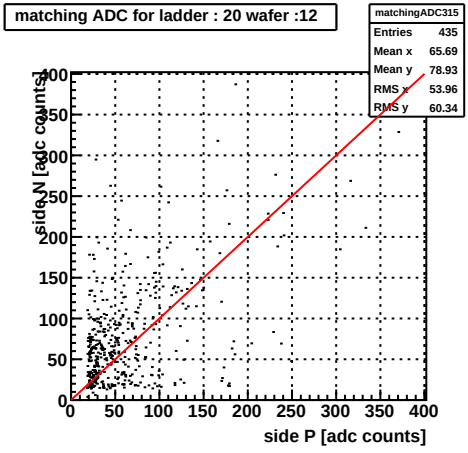

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 336
Mean x 77.54
Mean y 81.39
RMS x 57.58
RMS y 62.91
side N [adc counts]
side P [adc counts]

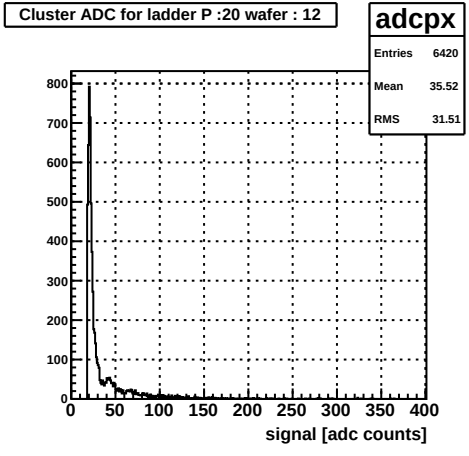

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4400
Mean 40.54
RMS 25.76
signal [adc counts]

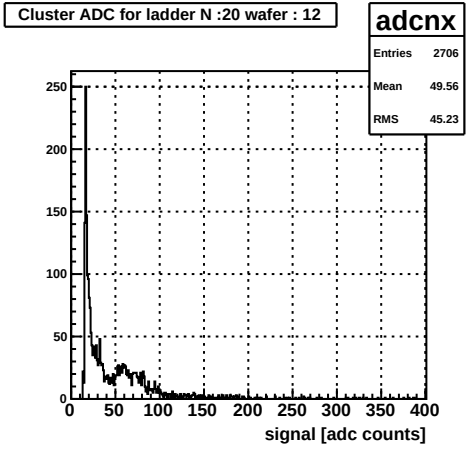

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3413
Mean 48.43
RMS 49.1
signal [adc counts]

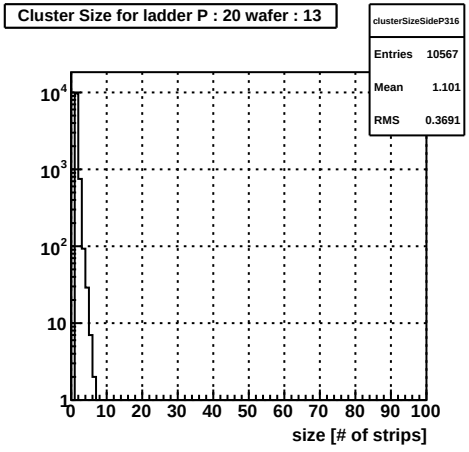

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6420
Mean 1.385
RMS 0.8652
size [# of strips]

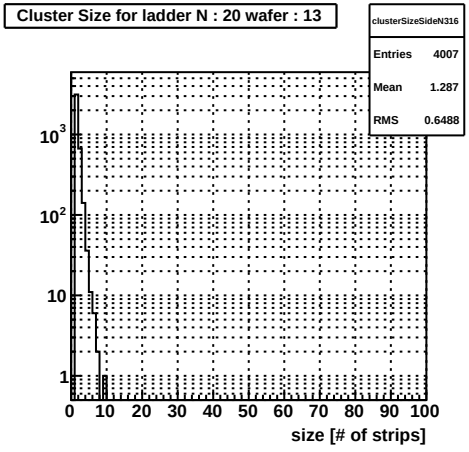

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2706
Mean 1.699
RMS 1.03
size [# of strips]

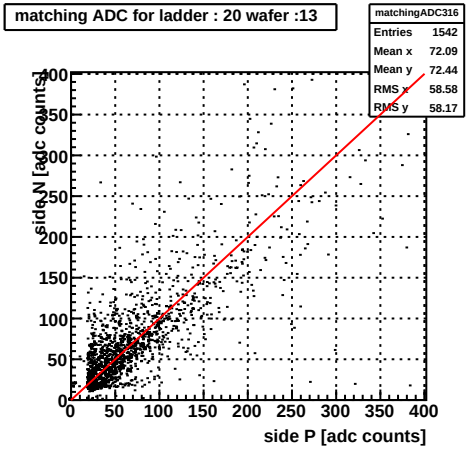

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 435
Mean x 65.69
Mean y 78.93
RMS x 53.96
RMS y 60.34
side N [adc counts]
side P [adc counts]

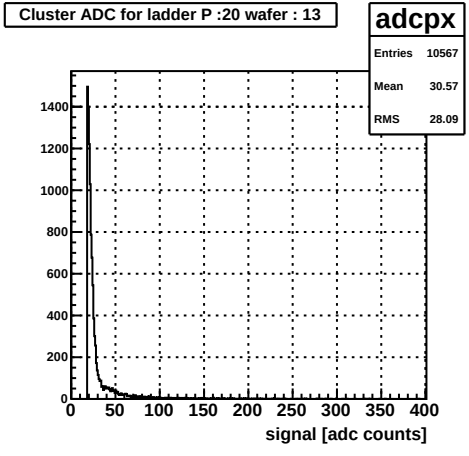

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6420
Mean 35.52
RMS 31.51
signal [adc counts]

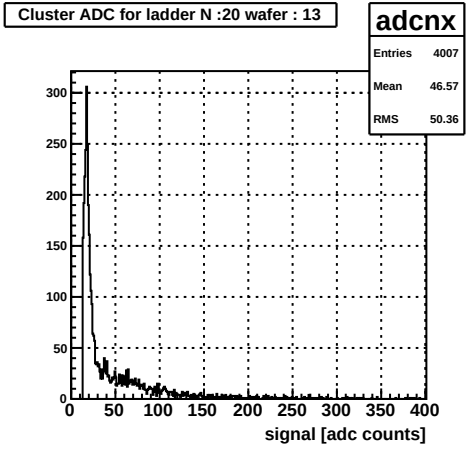

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2706
Mean 49.56
RMS 45.23
signal [adc counts]

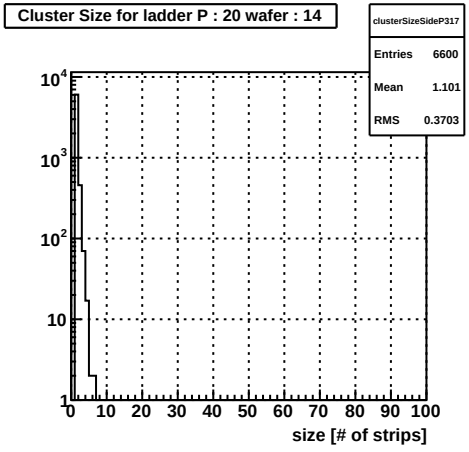

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10567
Mean 1.101
RMS 0.3691
size [# of strips]

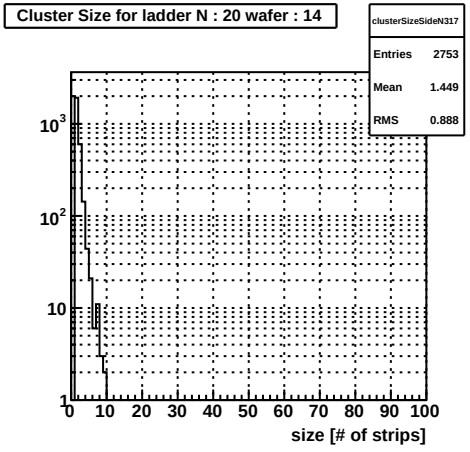

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4007
Mean 1.287
RMS 0.6488
size [# of strips]

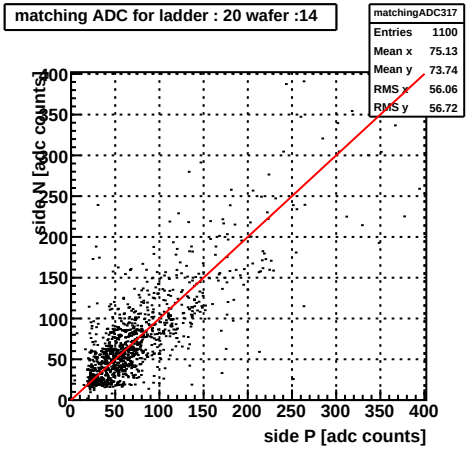

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1542
Mean x 72.09
Mean y 72.44
RMS x 58.58
RMS y 58.17
side N [adc counts]
side P [adc counts]

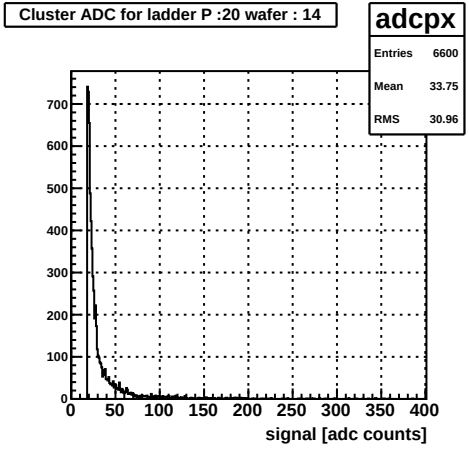

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10567
Mean 30.57
RMS 28.09
signal [adc counts]

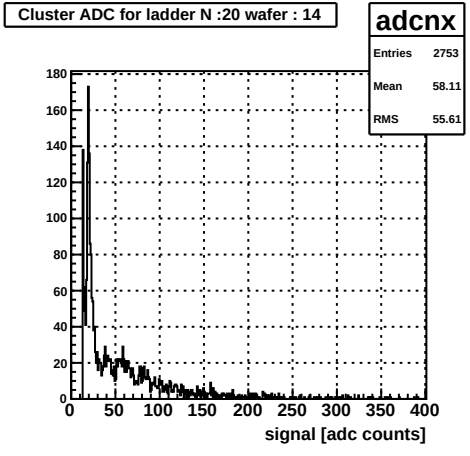

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4007
Mean 46.57
RMS 50.36
signal [adc counts]

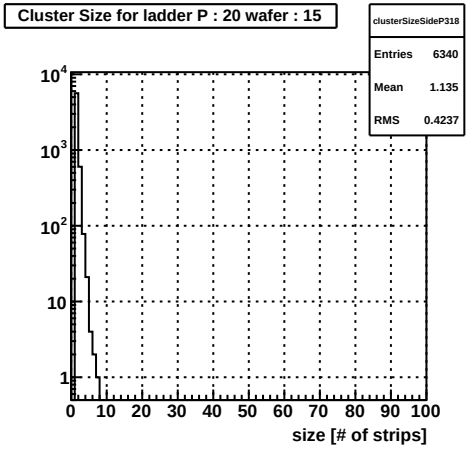

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6600
Mean 1.101
RMS 0.3703
size [# of strips]

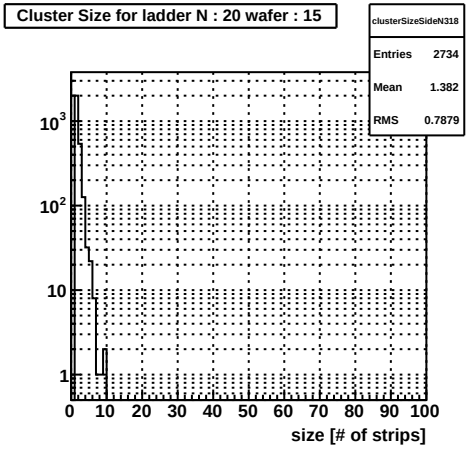

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2753
Mean 1.449
RMS 0.888
size [# of strips]

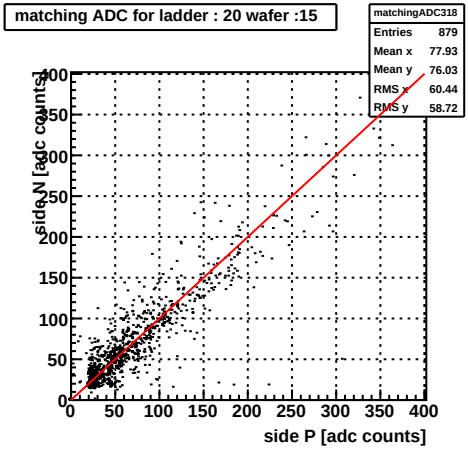

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1100
Mean x 75.13
Mean y 73.74
RMS x 56.06
RMS y 56.72
side N [adc counts]
side P [adc counts]

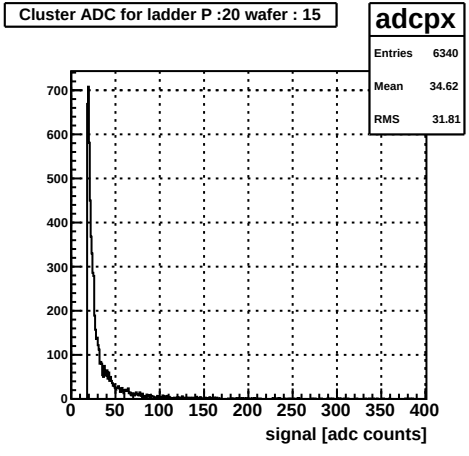

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6600
Mean 33.75
RMS 30.96
signal [adc counts]

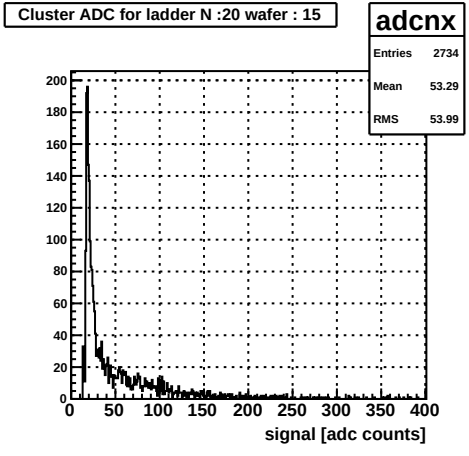

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2753
Mean 58.11
RMS 55.61
signal [adc counts]

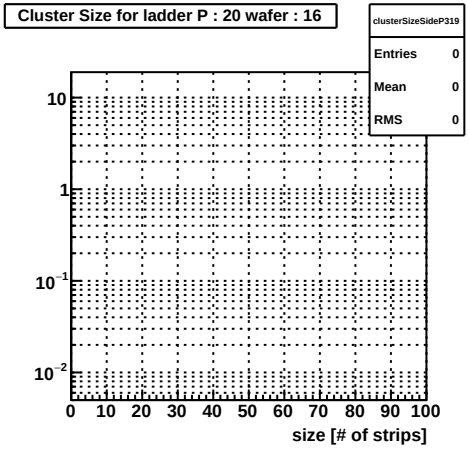

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6340
Mean 1.135
RMS 0.4237
size [# of strips]

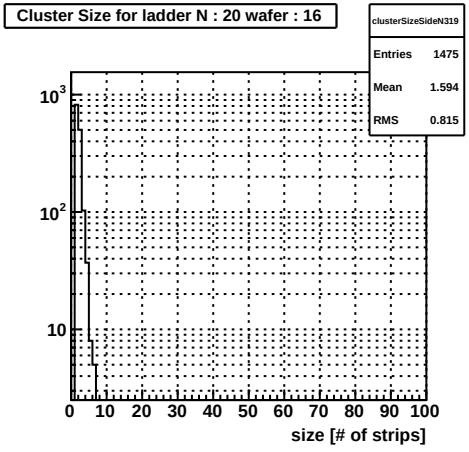

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2734
Mean 1.382
RMS 0.7879
size [# of strips]

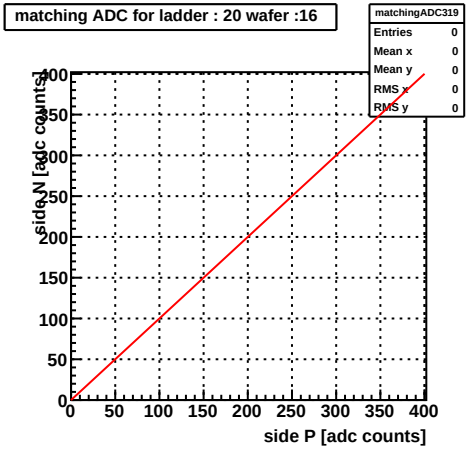

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 879
Mean x 77.93
Mean y 76.03
RMS x 60.44
RMS y 58.72
side N [adc counts]
side P [adc counts]

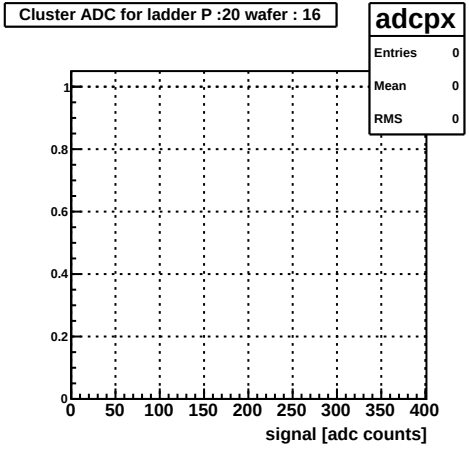

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6340
Mean 34.62
RMS 31.81
signal [adc counts]

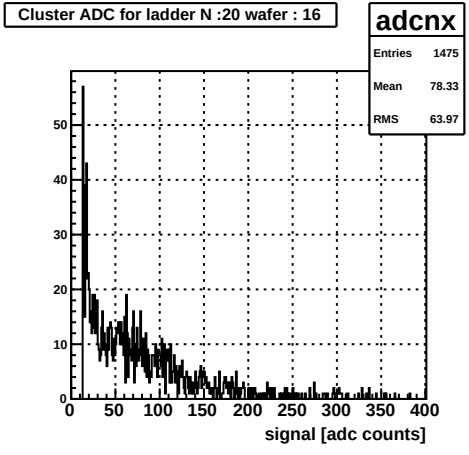

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2734
Mean 53.29
RMS 53.99
signal [adc counts]

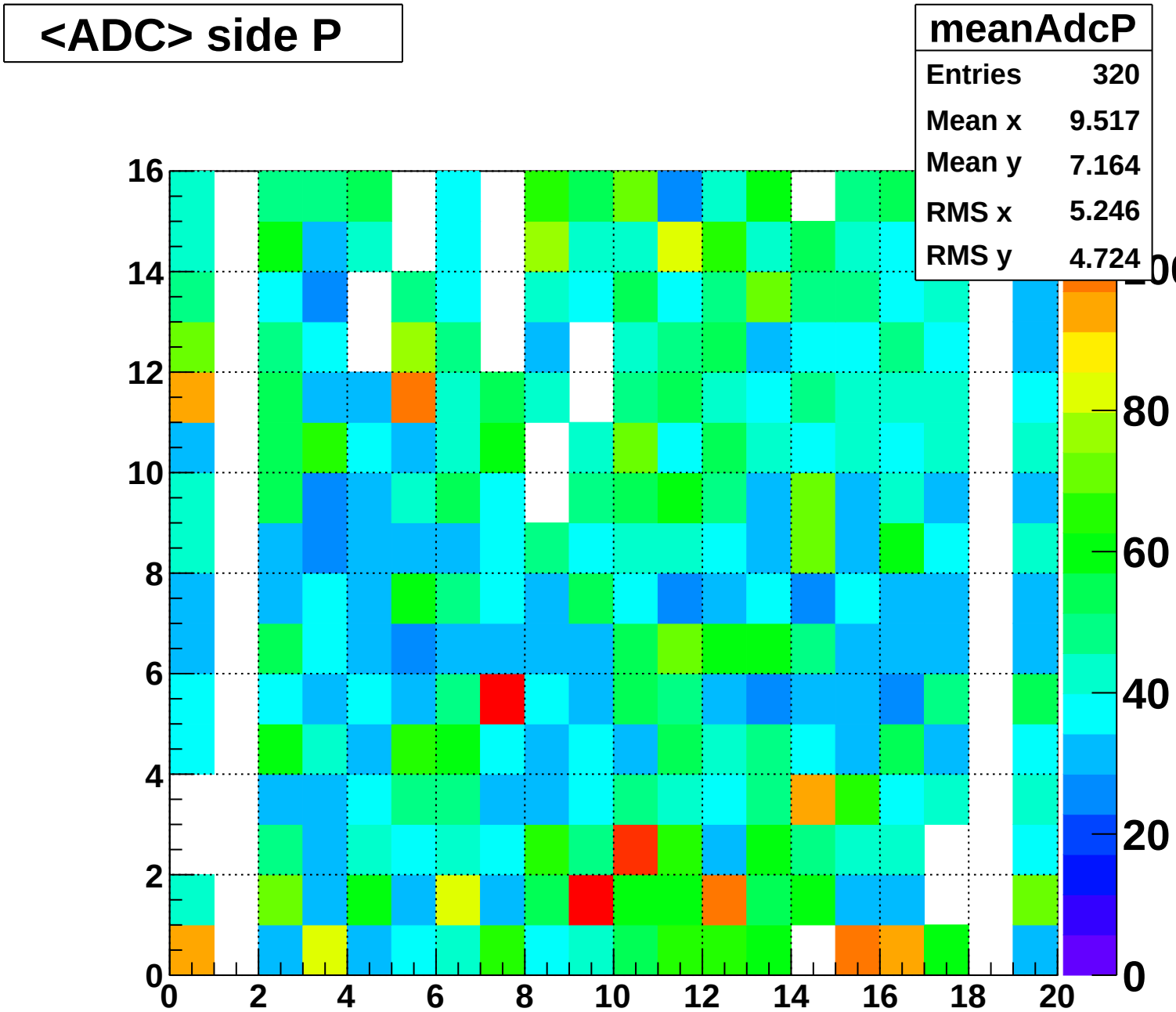

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 0
Mean 0
RMS 0
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1475
Mean 1.594
RMS 0.815
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1475
Mean 78.33
RMS 63.97
signal [adc counts]



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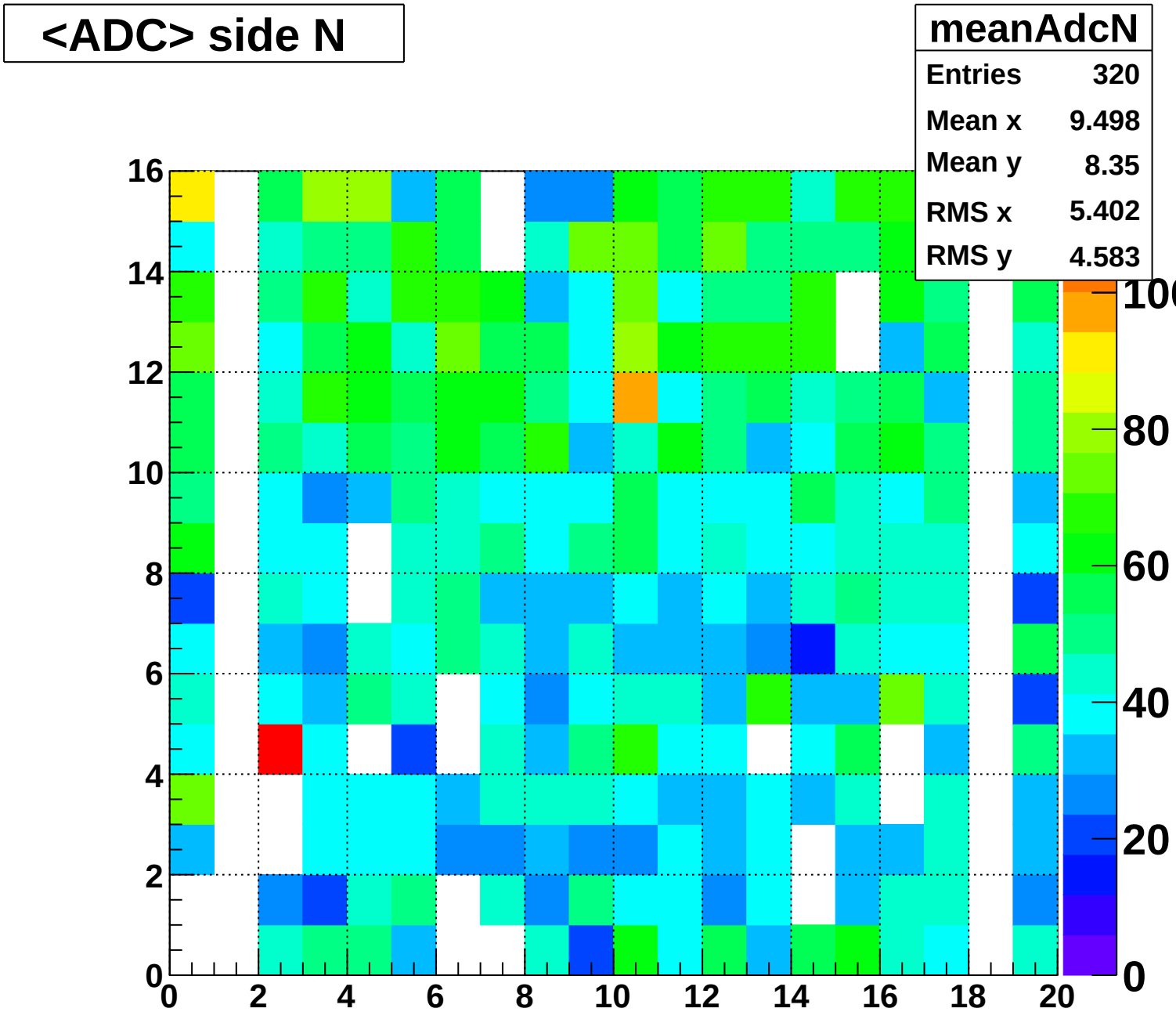

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