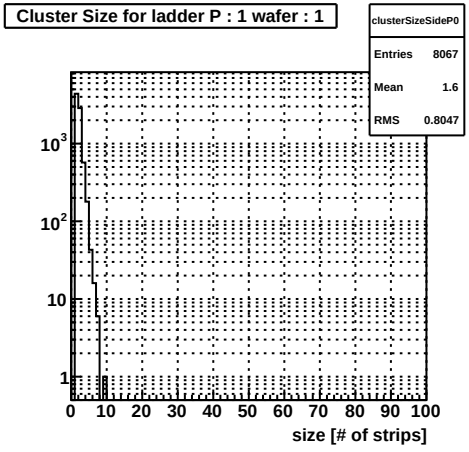
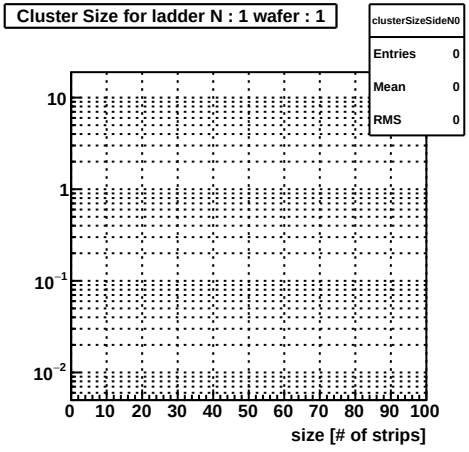
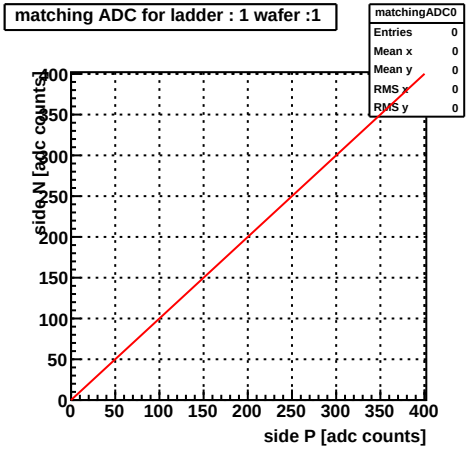
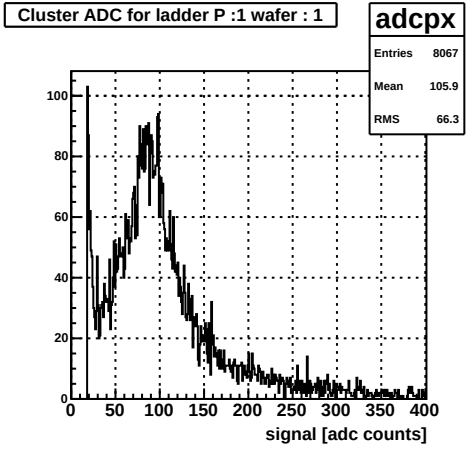
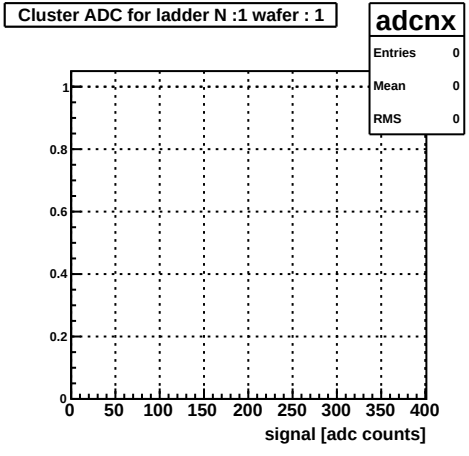
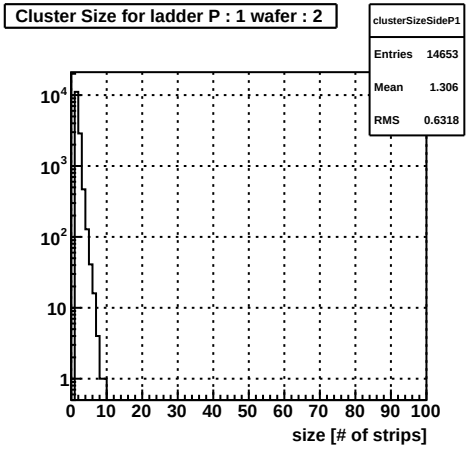

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 8067
Mean 1.6
RMS 0.8047
size [# of strips]

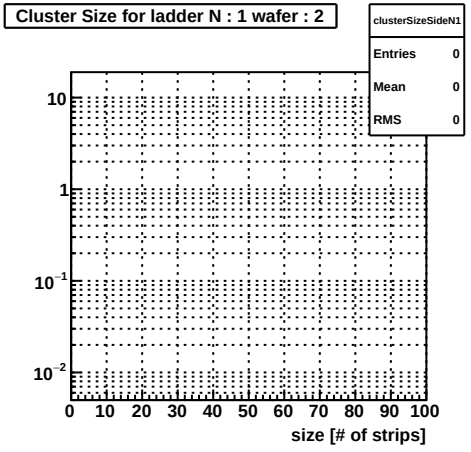

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

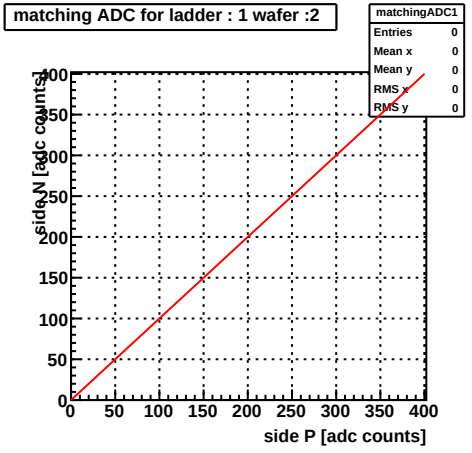

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

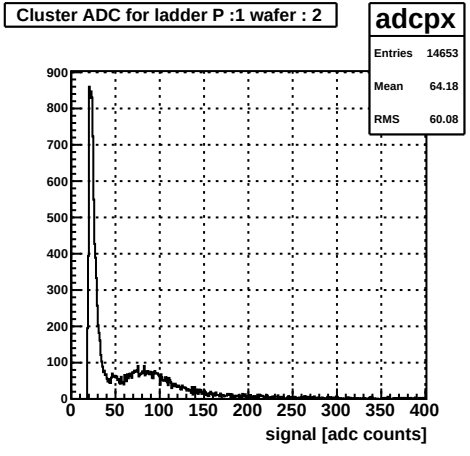

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 8067
Mean 105.9
RMS 66.3
signal [adc counts]

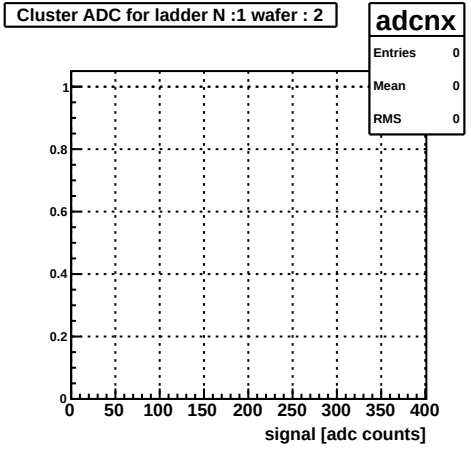

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

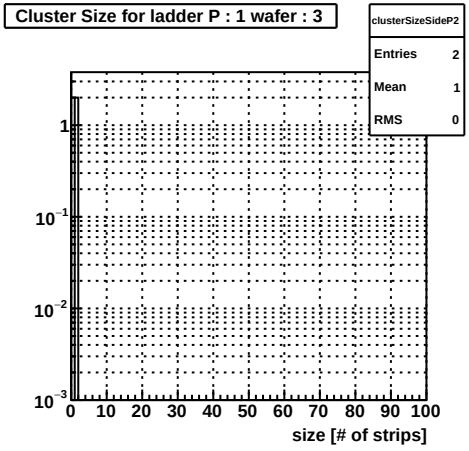

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 14653
Mean 1.306
RMS 0.6318
size [# of strips]

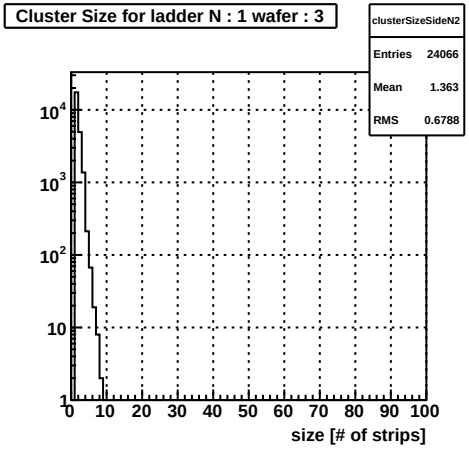

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

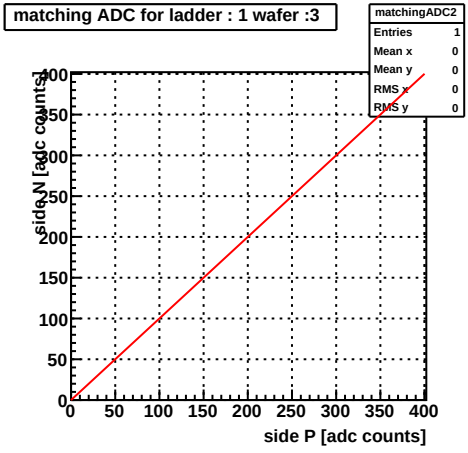

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

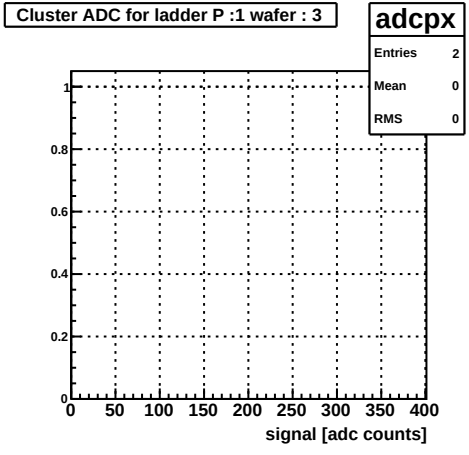

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 14653
Mean 64.18
RMS 60.08
signal [adc counts]

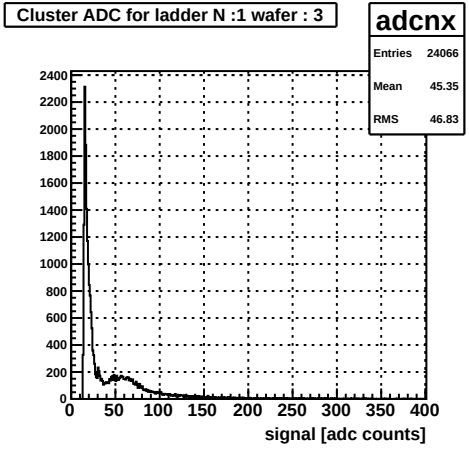

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

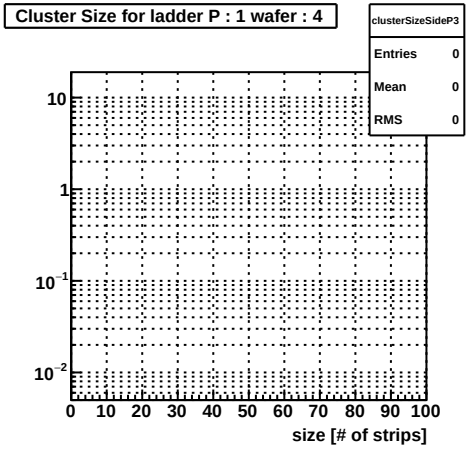

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

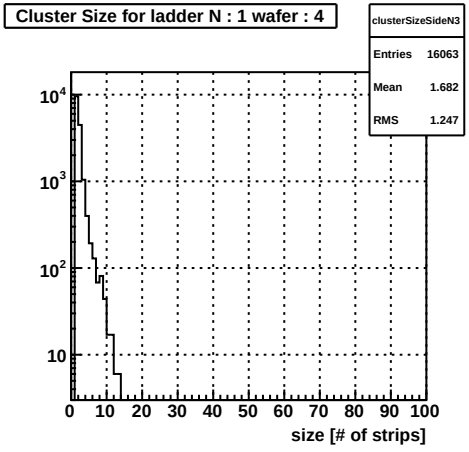

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 24066
Mean 1.363
RMS 0.6788
size [# of strips]

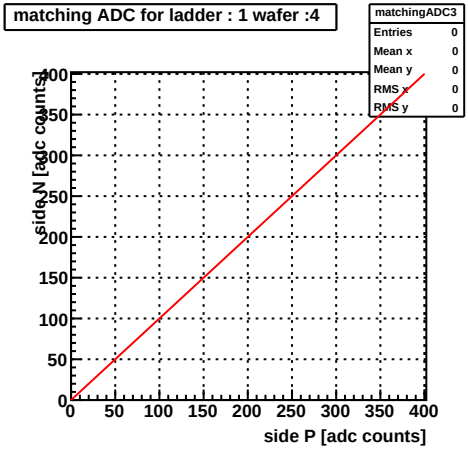

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

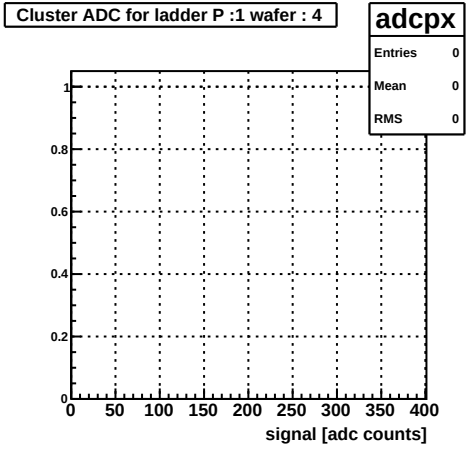

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

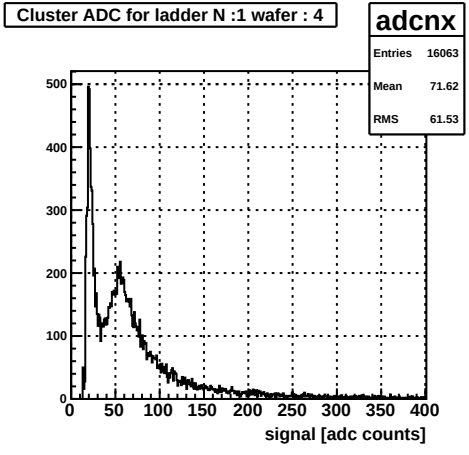

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 24066
Mean 45.35
RMS 46.83
signal [adc counts]

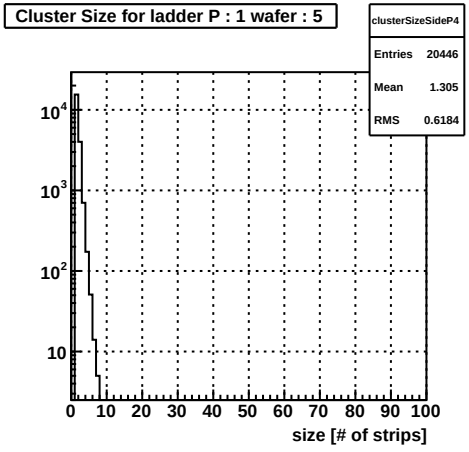

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

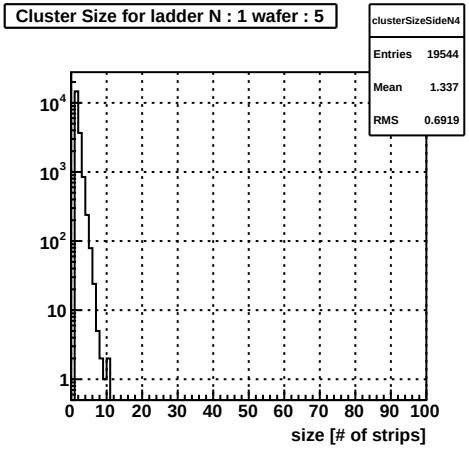

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 16063
Mean 1.682
RMS 1.247
size [# of strips]

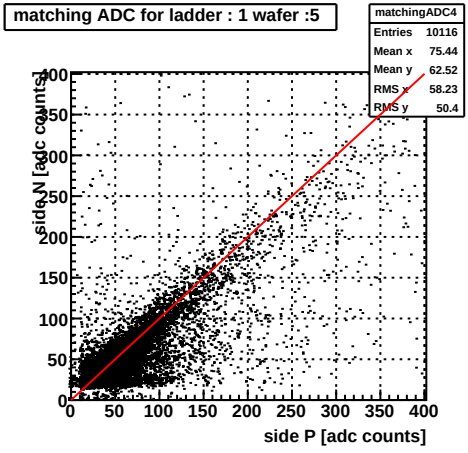

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

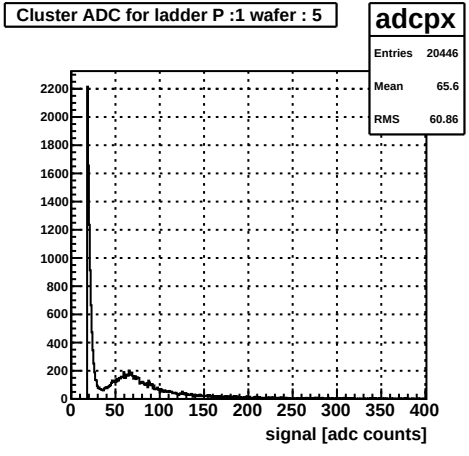

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

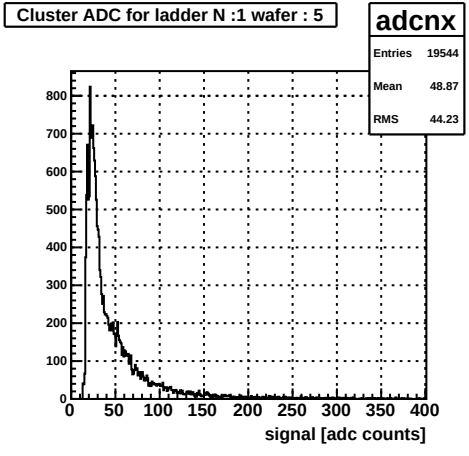

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 16063
Mean 71.62
RMS 61.53
signal [adc counts]

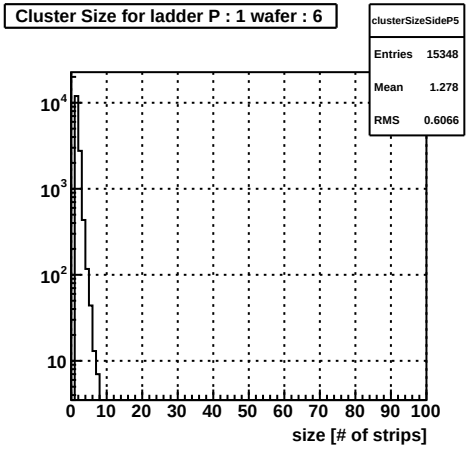

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 20446
Mean 1.305
RMS 0.6184
size [# of strips]

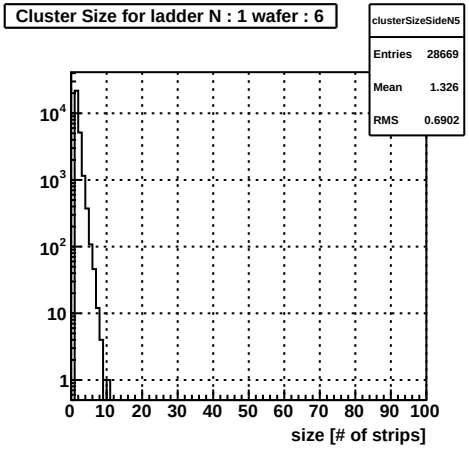

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 19544
Mean 1.337
RMS 0.6919
size [# of strips]

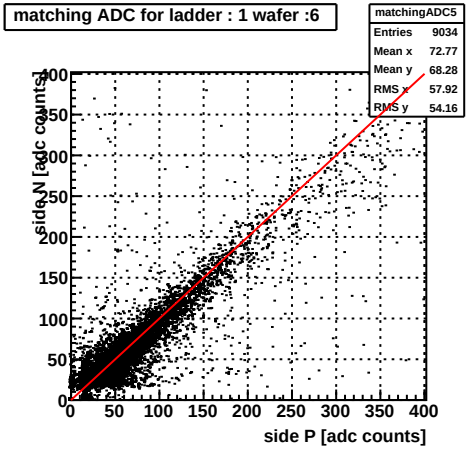

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 10116
Mean x 75.44
Mean y 62.52
RMS x 58.23
RMS y 50.4
side N [adc counts]
side P [adc counts]

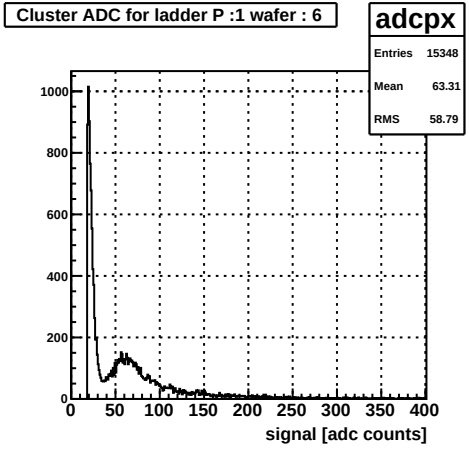

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 20446
Mean 65.6
RMS 60.86
signal [adc counts]

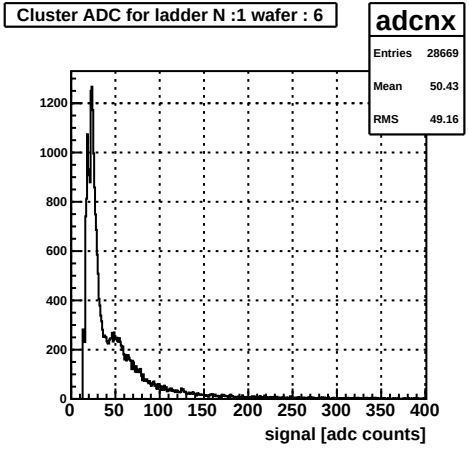

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 19544
Mean 48.87
RMS 44.23
signal [adc counts]

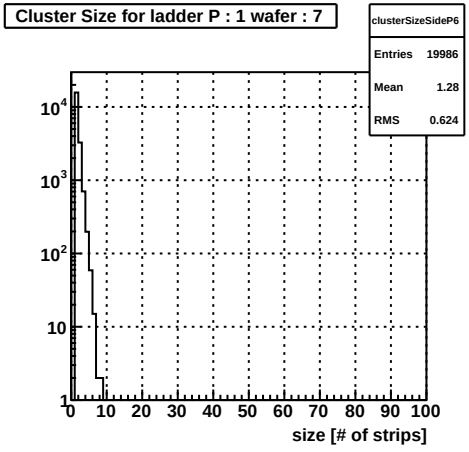

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 15348
Mean 1.278
RMS 0.6066
size [# of strips]

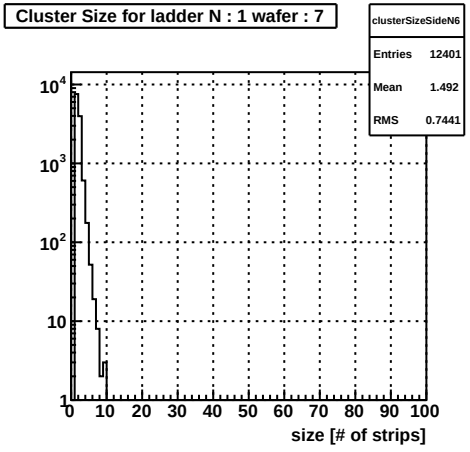

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 28669
Mean 1.326
RMS 0.6902
size [# of strips]

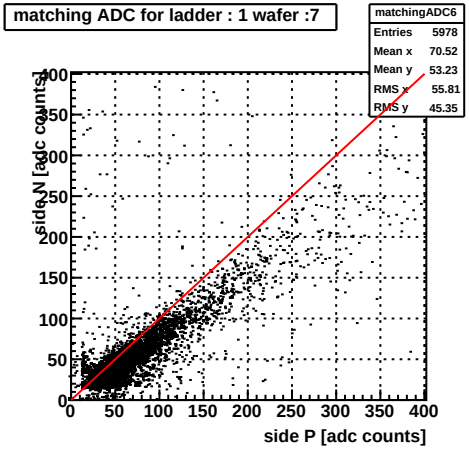

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 9034
Mean x 72.77
Mean y 68.28
RMS x 57.92
RMS y 54.16
side N [adc counts]
side P [adc counts]

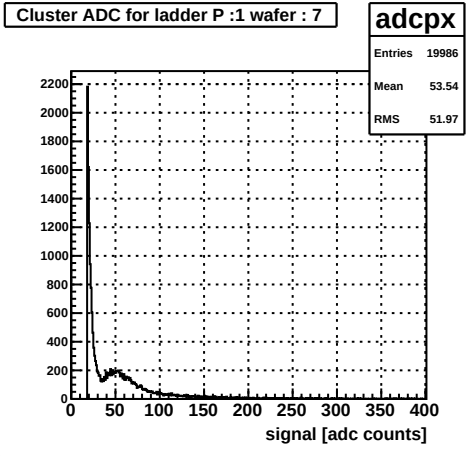

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 15348
Mean 63.31
RMS 58.79
signal [adc counts]

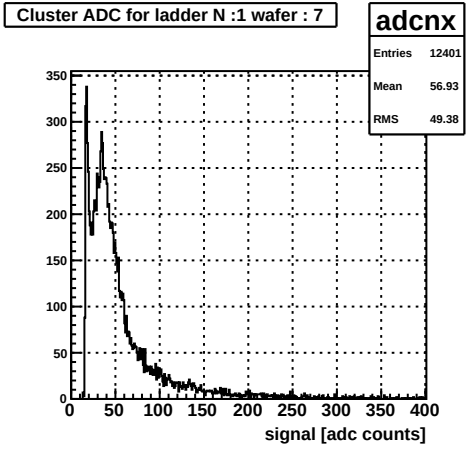

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 28669
Mean 50.43
RMS 49.16
signal [adc counts]

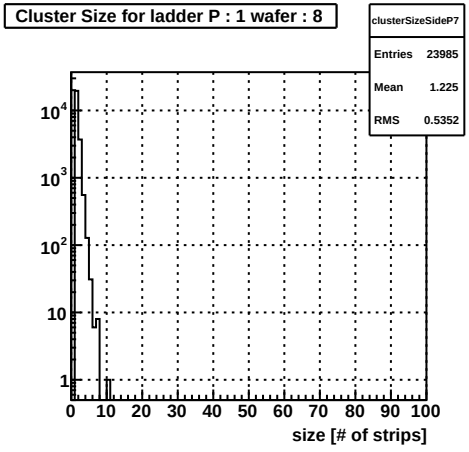

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 19986
Mean 1.28
RMS 0.624
size [# of strips]

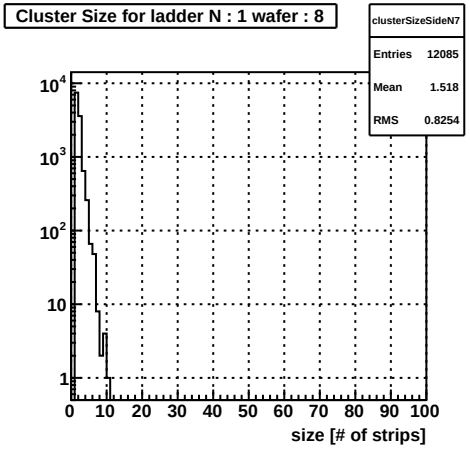

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 12401
Mean 1.492
RMS 0.7441
size [# of strips]

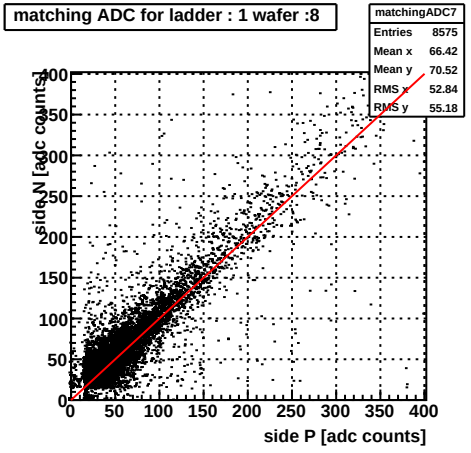

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 5978
Mean x 70.52
Mean y 53.23
RMS x 55.81
RMS y 45.35
side N [adc counts]
side P [adc counts]

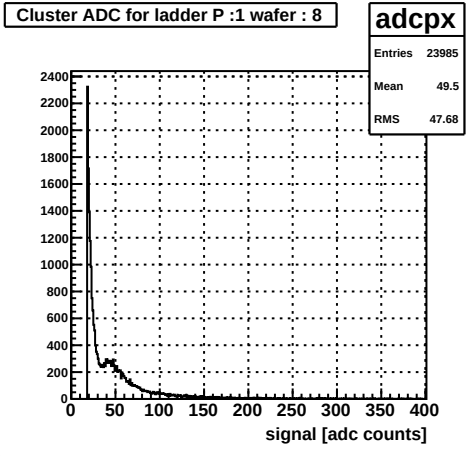

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 19986
Mean 53.54
RMS 51.97
signal [adc counts]

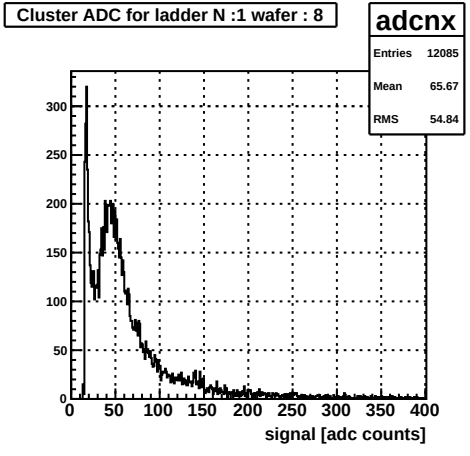

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 12401
Mean 56.93
RMS 49.38
signal [adc counts]

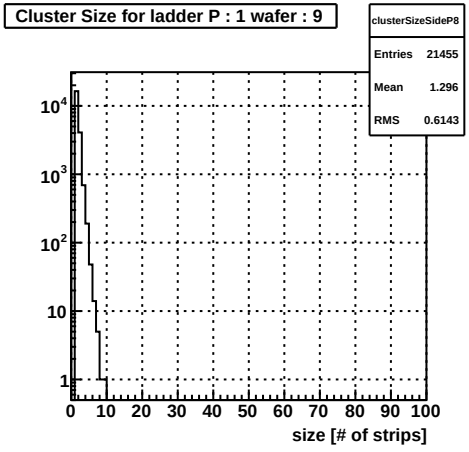

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 23985
Mean 1.225
RMS 0.5352
size [# of strips]

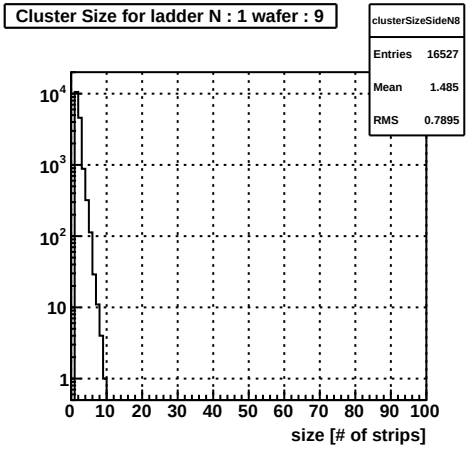

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 12085
Mean 1.518
RMS 0.8254
size [# of strips]

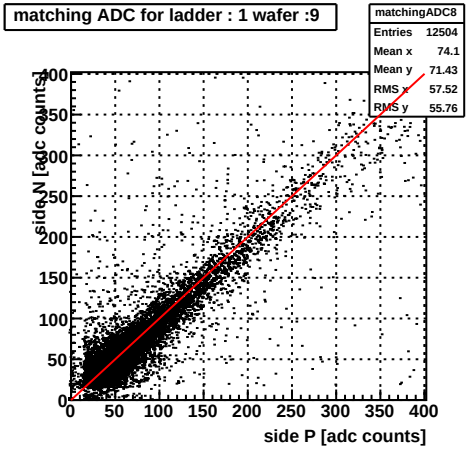

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 8575
Mean x 66.42
Mean y 70.52
RMS x 52.84
RMS y 55.18
side N [adc counts]
side P [adc counts]

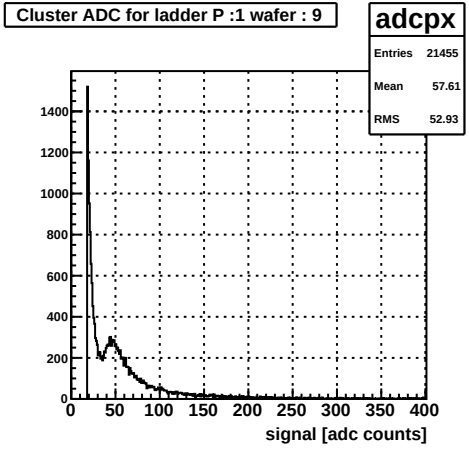

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 23985
Mean 49.5
RMS 47.68
signal [adc counts]

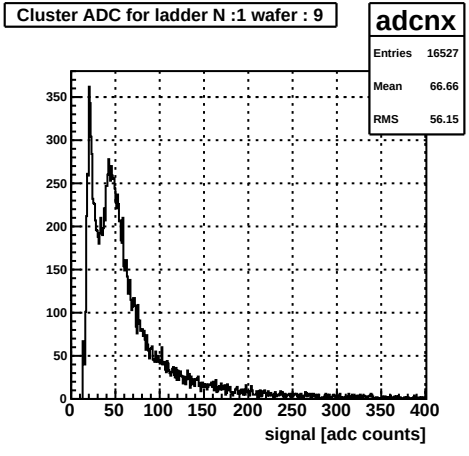

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 12085
Mean 65.67
RMS 54.84
signal [adc counts]

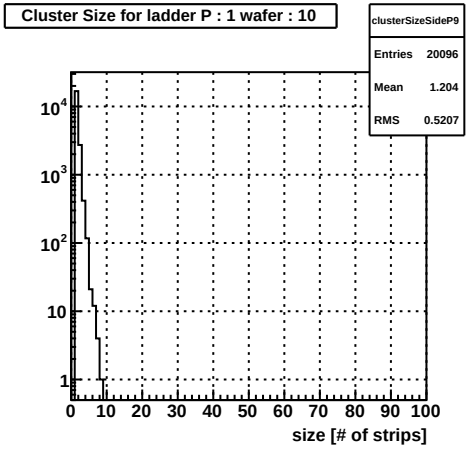

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 21455
Mean 1.296
RMS 0.6143
size [# of strips]

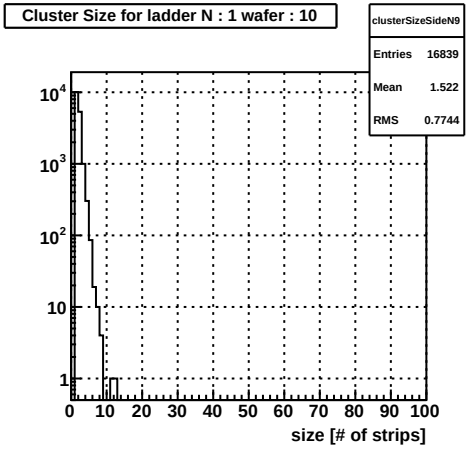

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 16527
Mean 1.485
RMS 0.7895
size [# of strips]

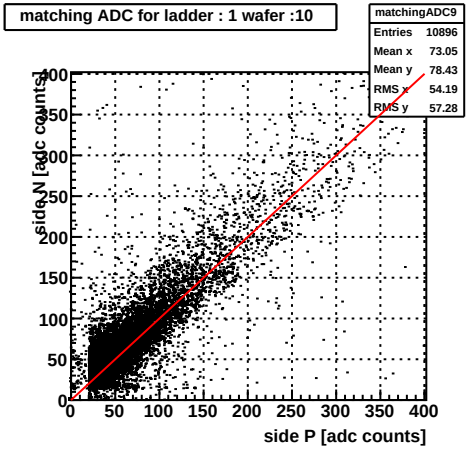

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 12504
Mean x 74.1
Mean y 71.43
RMS x 57.52
RMS y 55.76
side N [adc counts]
side P [adc counts]

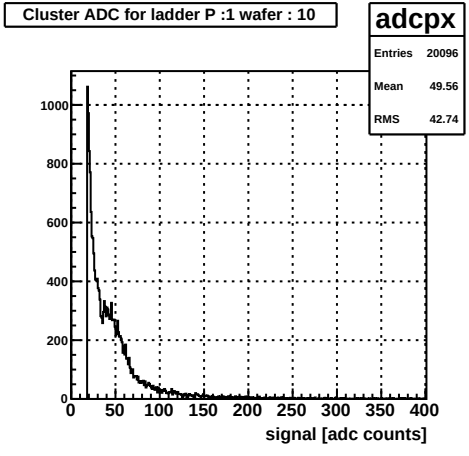

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 21455
Mean 57.61
RMS 52.93
signal [adc counts]

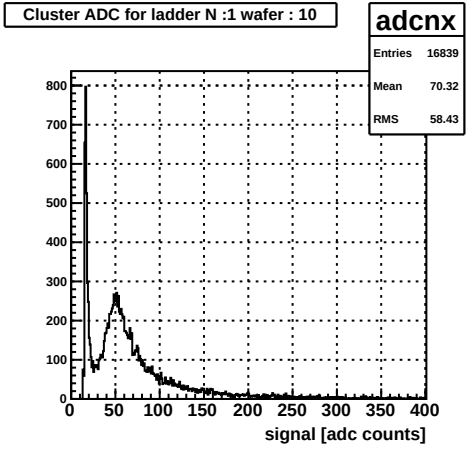

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 16527
Mean 66.66
RMS 56.15
signal [adc counts]

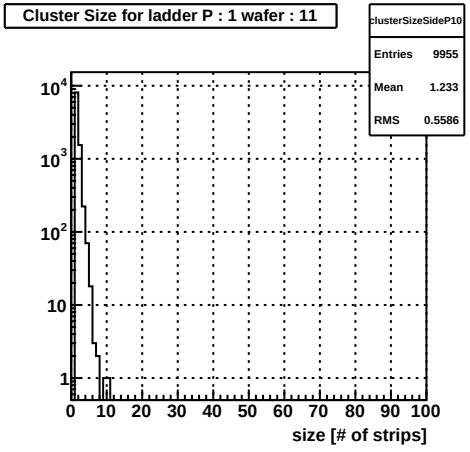

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 20096
Mean 1.204
RMS 0.5207
size [# of strips]

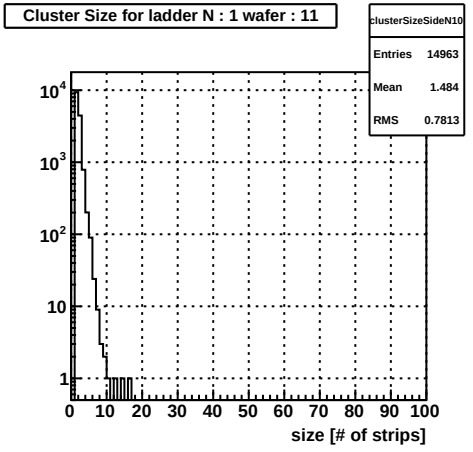

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 16839
Mean 1.522
RMS 0.7744
size [# of strips]

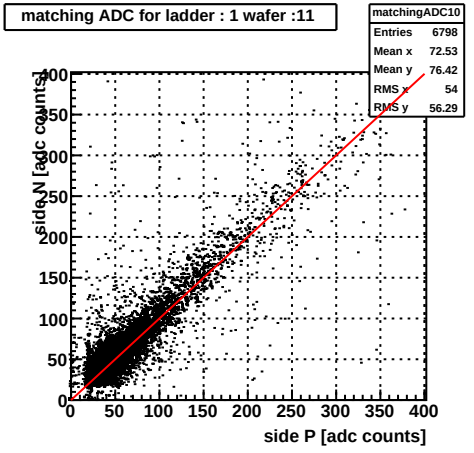

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 10896
Mean x 73.05
Mean y 78.43
RMS x 54.19
RMS y 57.28
side N [adc counts]
side P [adc counts]

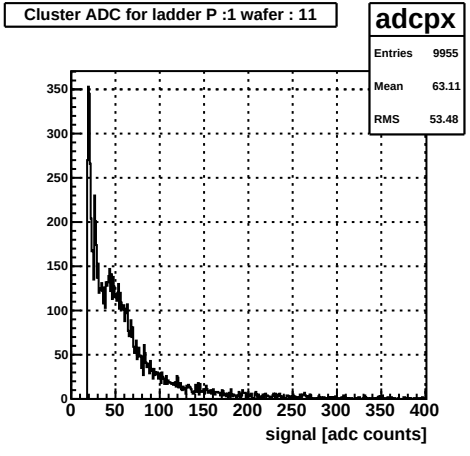

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 20096
Mean 49.56
RMS 42.74
signal [adc counts]

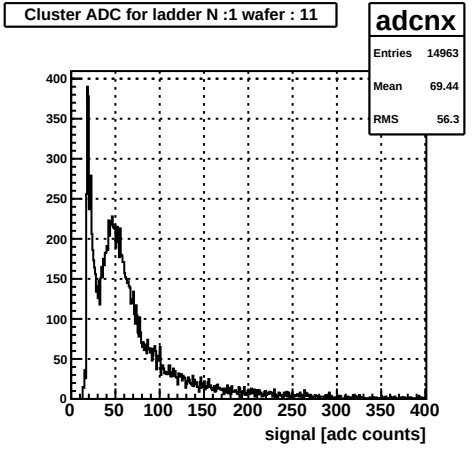

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 16839
Mean 70.32
RMS 58.43
signal [adc counts]

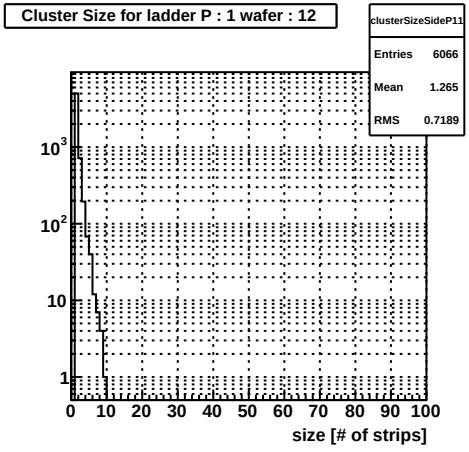

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9955
Mean 1.233
RMS 0.5586
size [# of strips]

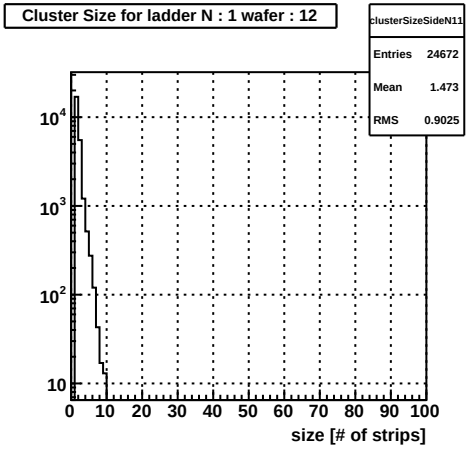

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 14963
Mean 1.484
RMS 0.7813
size [# of strips]

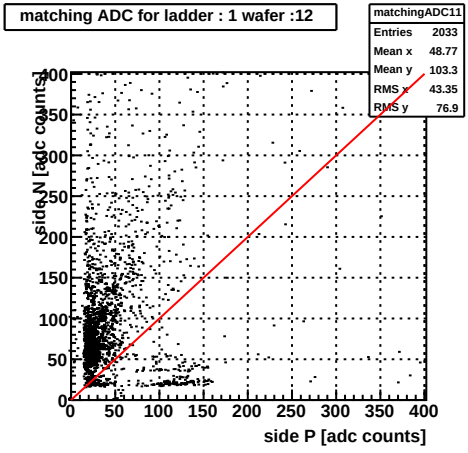

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 6798
Mean x 72.53
Mean y 76.42
RMS x 54
RMS y 56.29
side N [adc counts]
side P [adc counts]

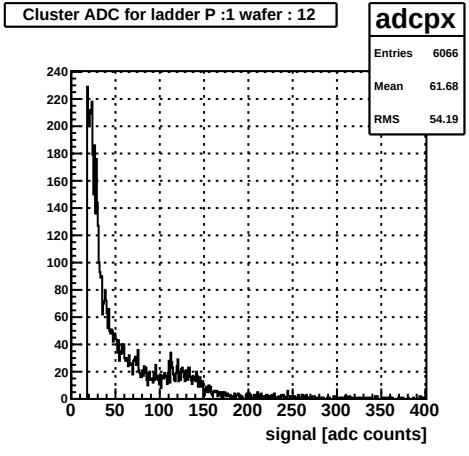

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9955
Mean 63.11
RMS 53.48
signal [adc counts]

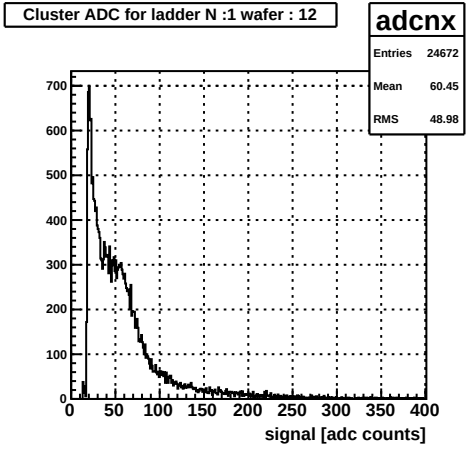

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 14963
Mean 69.44
RMS 56.3
signal [adc counts]

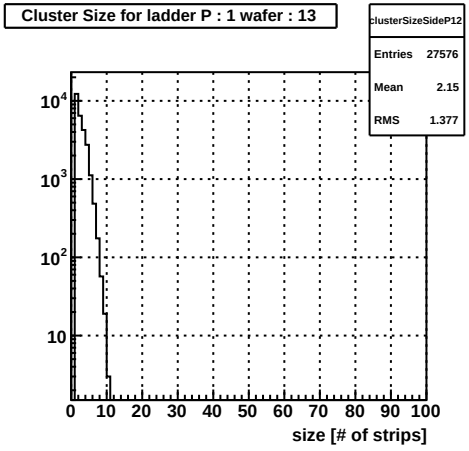

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 6066
Mean 1.265
RMS 0.7189
size [# of strips]

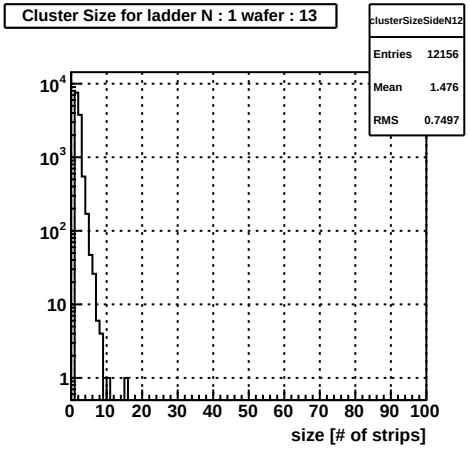

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 24672
Mean 1.473
RMS 0.9025
size [# of strips]

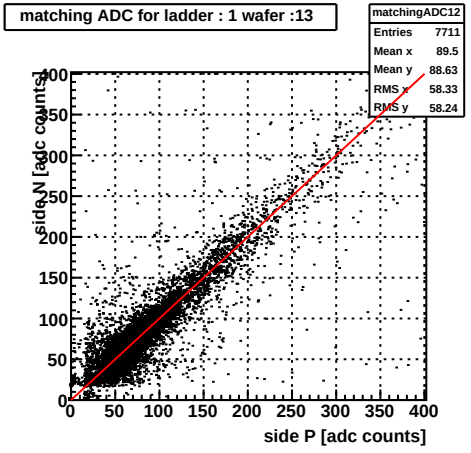

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2033
Mean x 48.77
Mean y 103.3
RMS x 43.35
RMS y 76.9
side N [adc counts]
side P [adc counts]

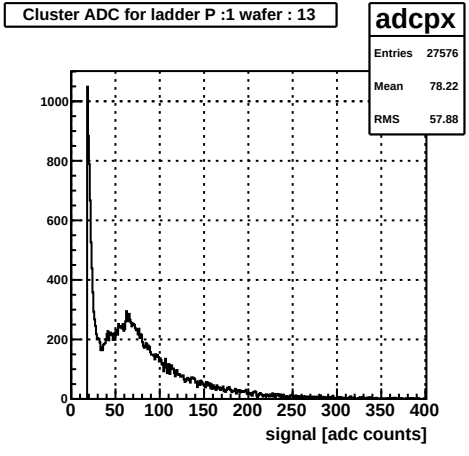

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 6066
Mean 61.68
RMS 54.19
signal [adc counts]

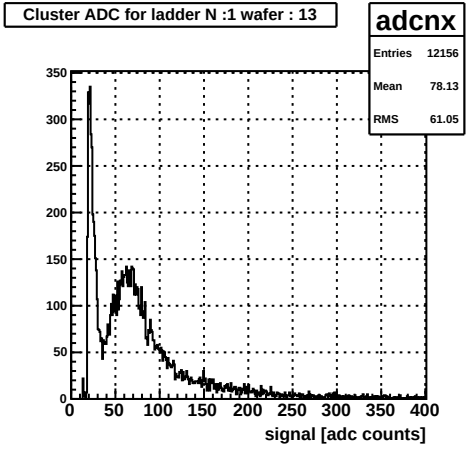

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 24672
Mean 60.45
RMS 48.98
signal [adc counts]

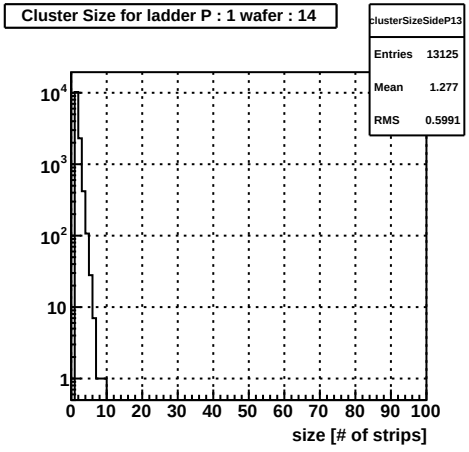

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 27576
Mean 2.15
RMS 1.377
size [# of strips]

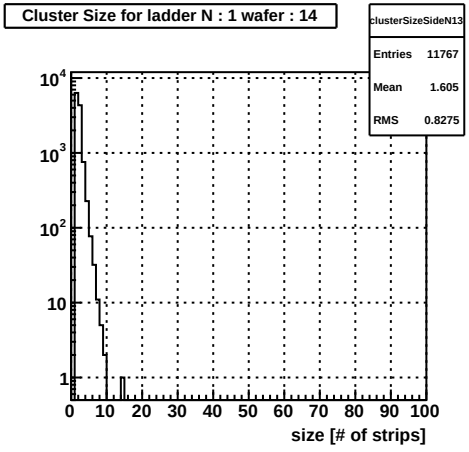

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 12156
Mean 1.476
RMS 0.7497
size [# of strips]

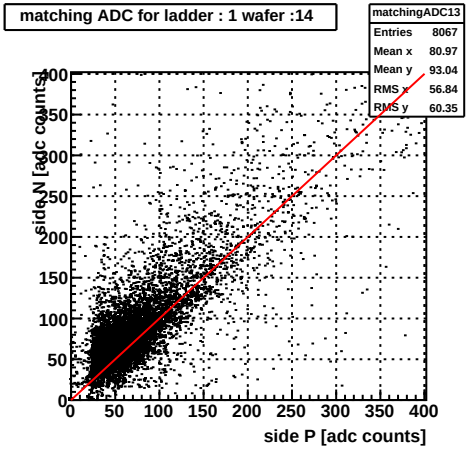

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 7711
Mean x 89.5
Mean y 88.63
RMS x 58.33
RMS y 58.24
side N [adc counts]
side P [adc counts]

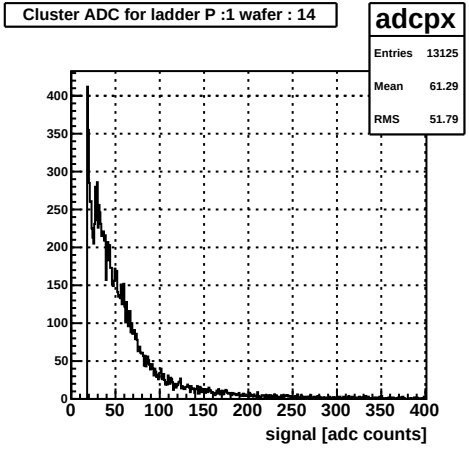

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 27576
Mean 78.22
RMS 57.88
signal [adc counts]

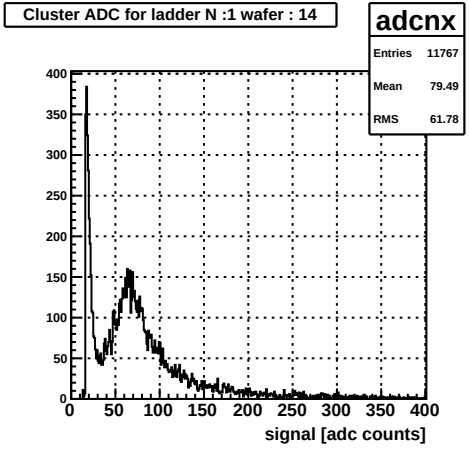

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 12156
Mean 78.13
RMS 61.05
signal [adc counts]

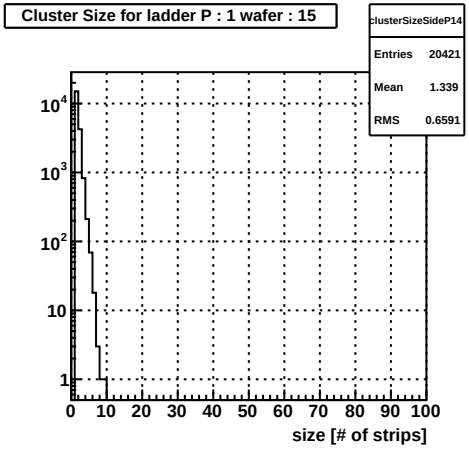

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 13125
Mean 1.277
RMS 0.5991
size [# of strips]

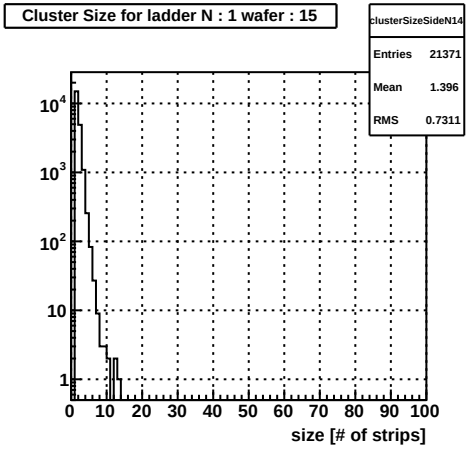

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 11767
Mean 1.605
RMS 0.8275
size [# of strips]

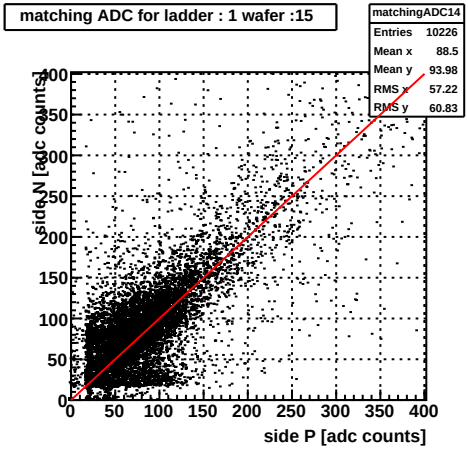

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 8067
Mean x 80.97
Mean y 93.04
RMS x 56.84
RMS y 60.35
side N [adc counts]
side P [adc counts]

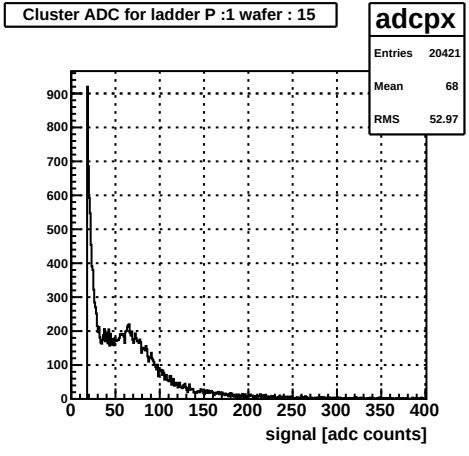

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 13125
Mean 61.29
RMS 51.79
signal [adc counts]

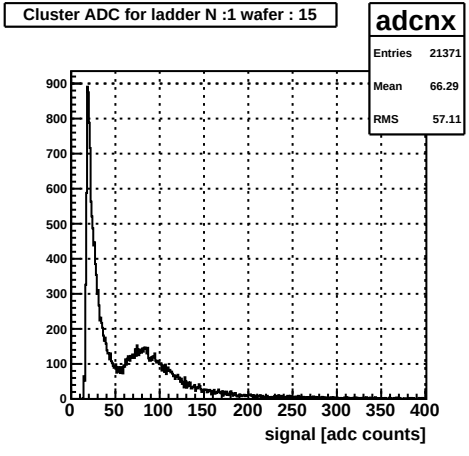

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 11767
Mean 79.49
RMS 61.78
signal [adc counts]

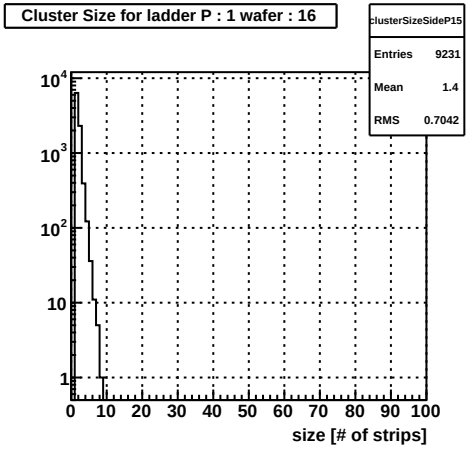

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 20421
Mean 1.339
RMS 0.6591
size [# of strips]

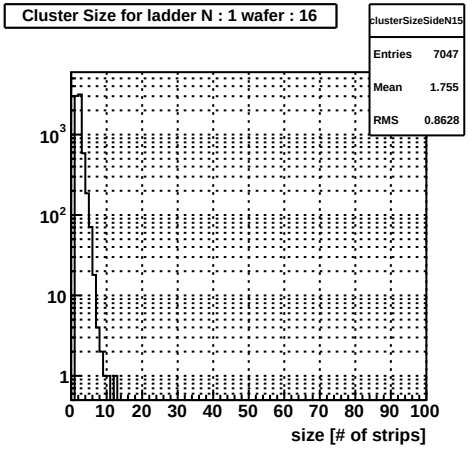

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 21371
Mean 1.396
RMS 0.7311
size [# of strips]

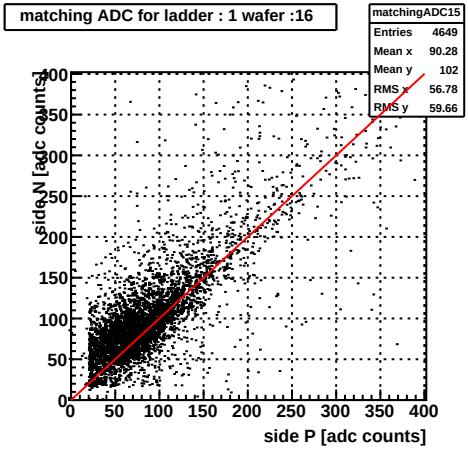

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 10226
Mean x 88.5
Mean y 93.98
RMS x 57.22
RMS y 60.83
side N [adc counts]
side P [adc counts]

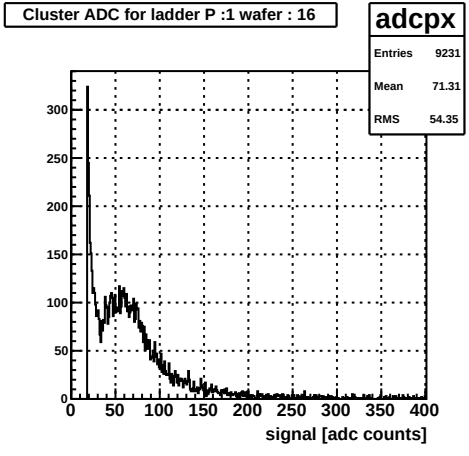

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 20421
Mean 68
RMS 52.97
signal [adc counts]

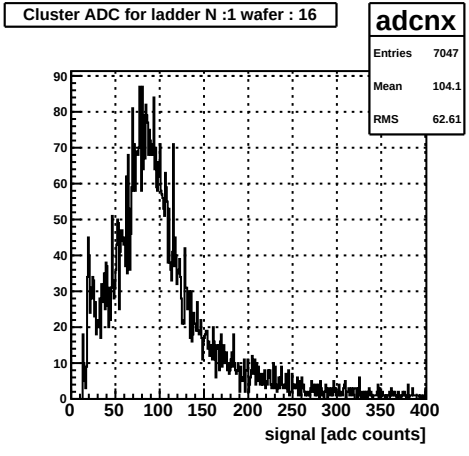

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 21371
Mean 66.29
RMS 57.11
signal [adc counts]

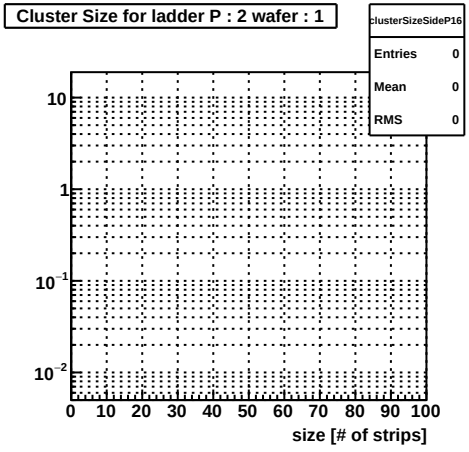

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 9231
Mean 1.4
RMS 0.7042
size [# of strips]

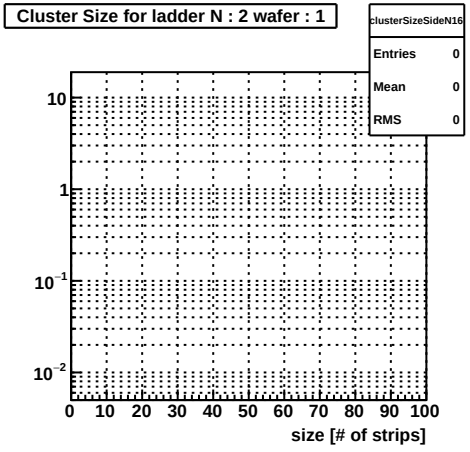

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 7047
Mean 1.755
RMS 0.8628
size [# of strips]

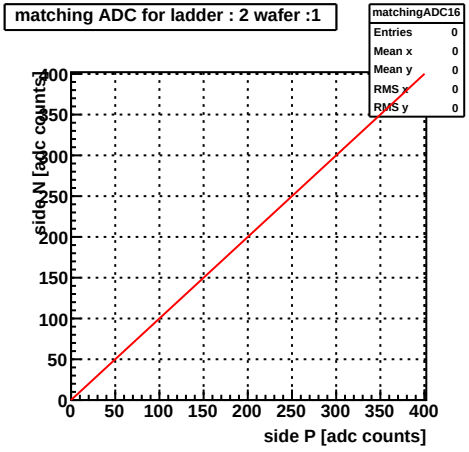

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 4649
Mean x 90.28
Mean y 102
RMS x 56.78
RMS y 59.66
side N [adc counts]
side P [adc counts]

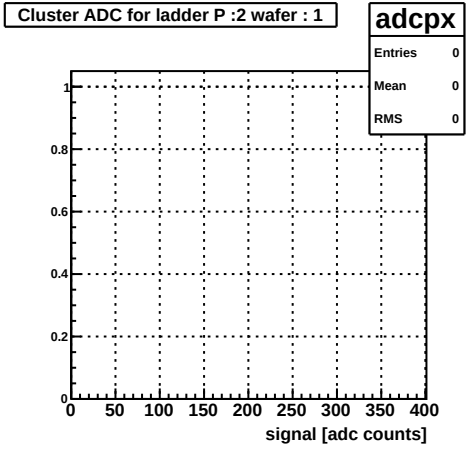

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 9231
Mean 71.31
RMS 54.35
signal [adc counts]

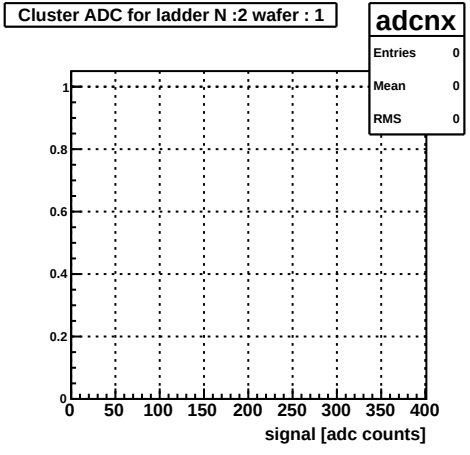

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 7047
Mean 104.1
RMS 62.61
signal [adc counts]

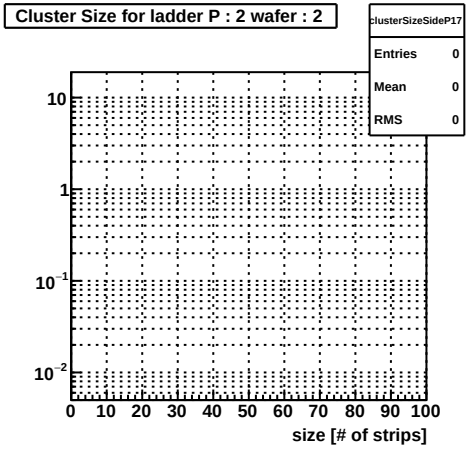

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

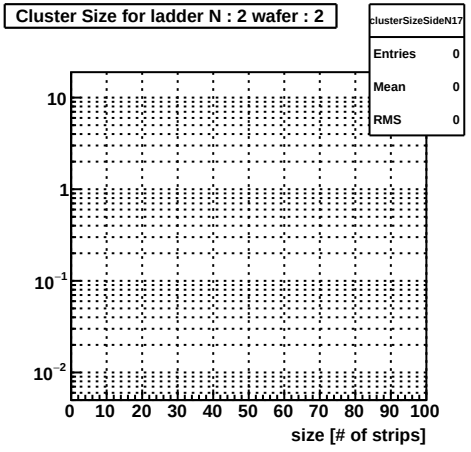

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

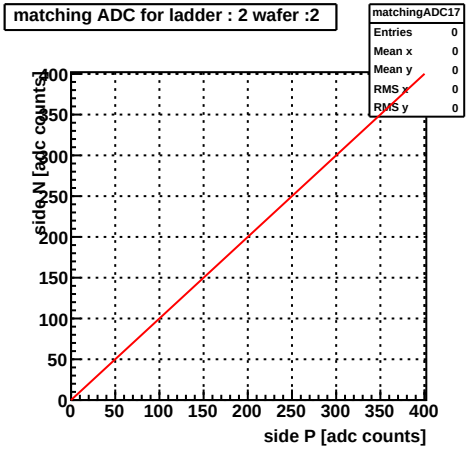

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

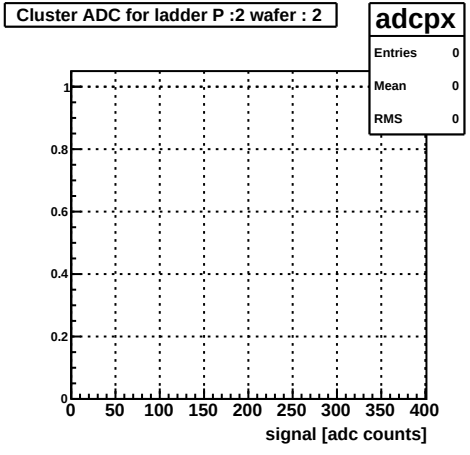

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

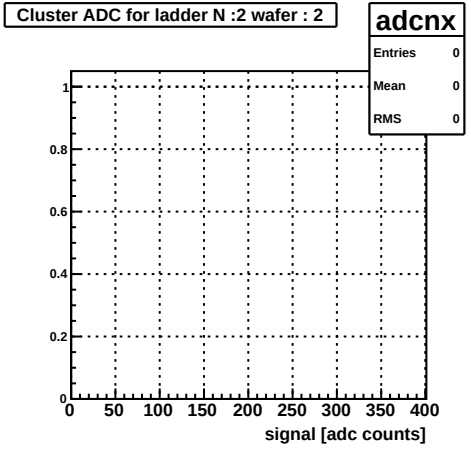

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

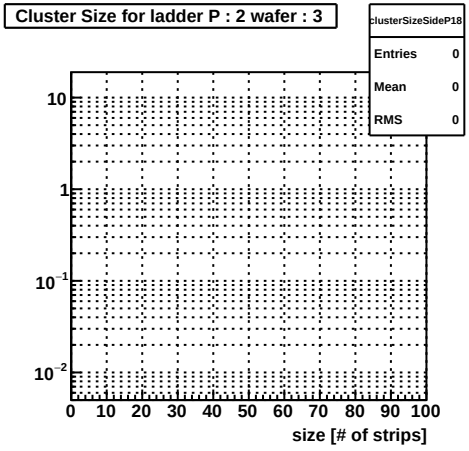

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

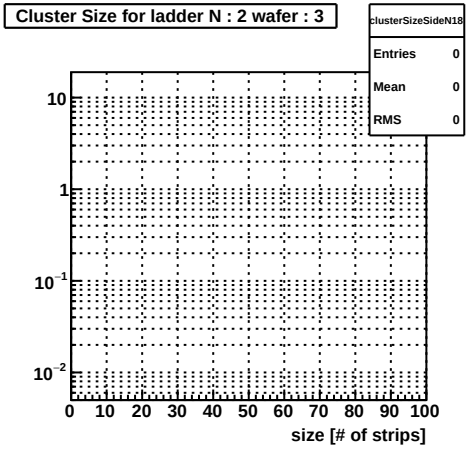

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

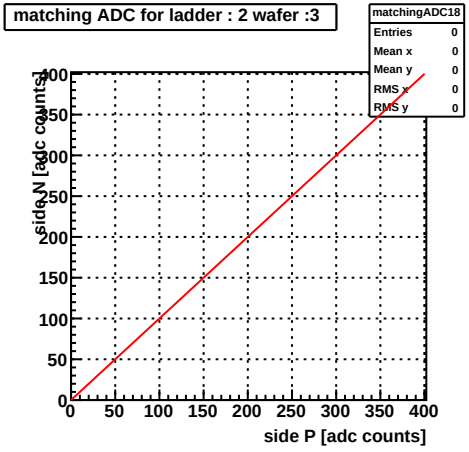

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

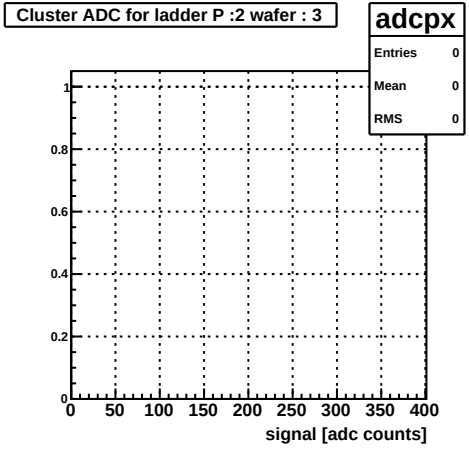

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

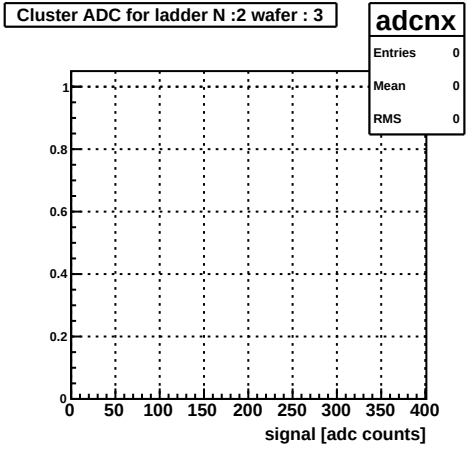

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

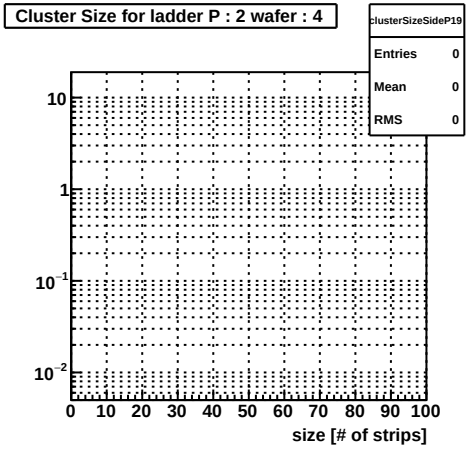

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

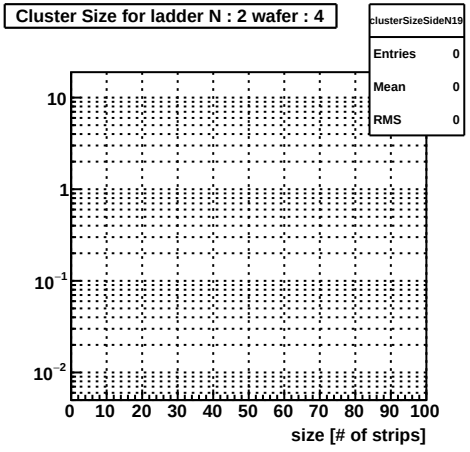

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

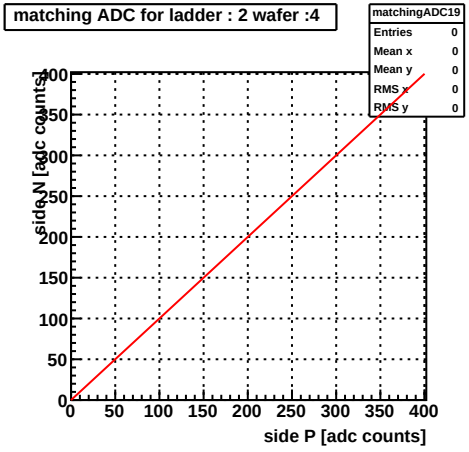

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

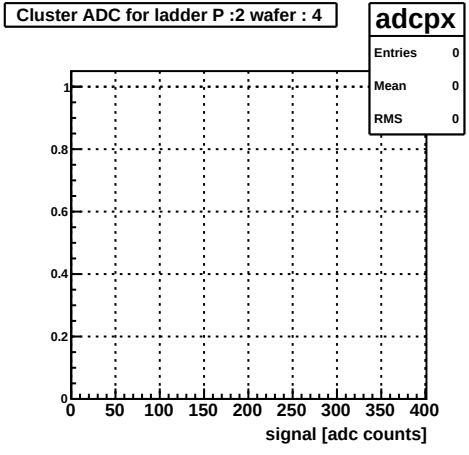

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

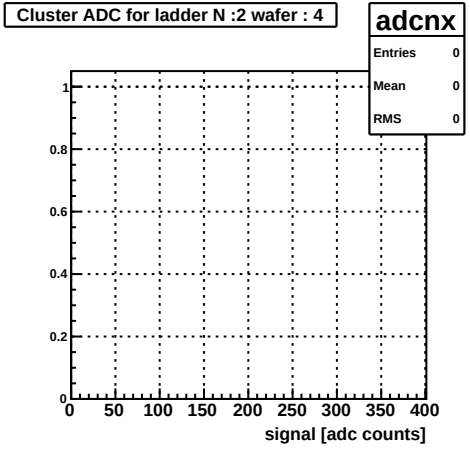

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

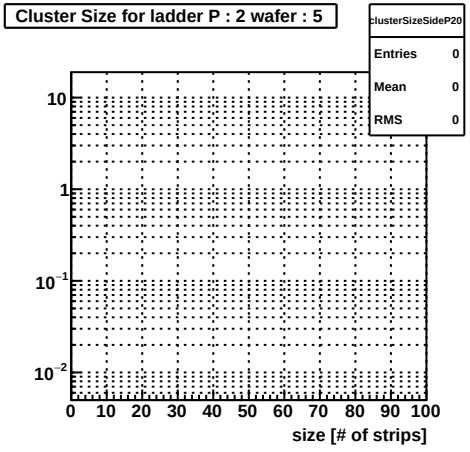

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

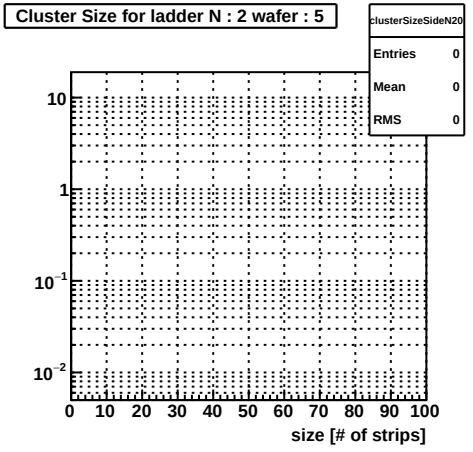

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

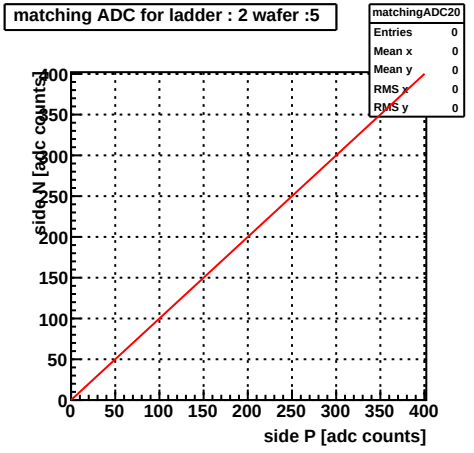

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

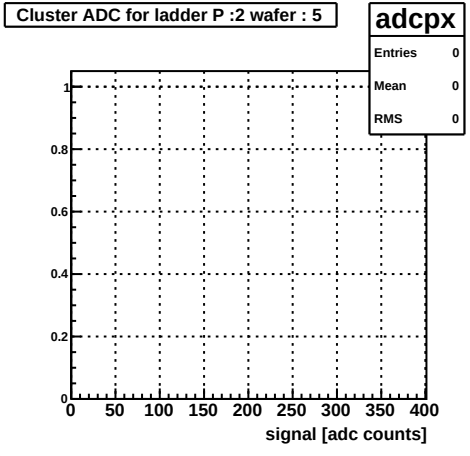

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

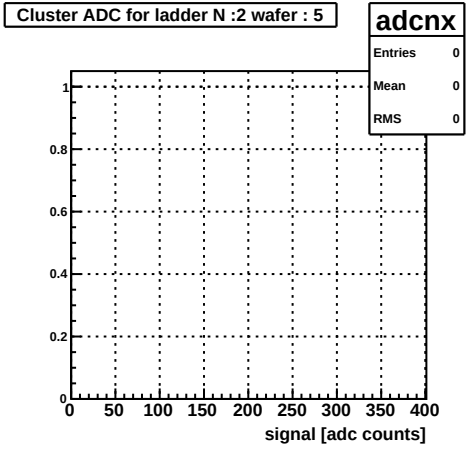

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

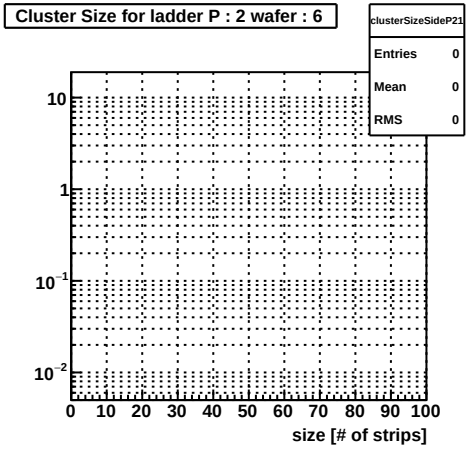

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

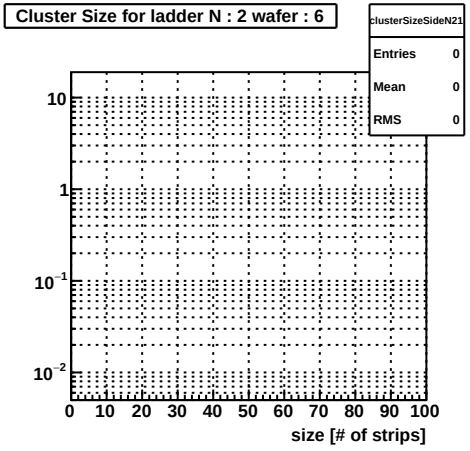

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

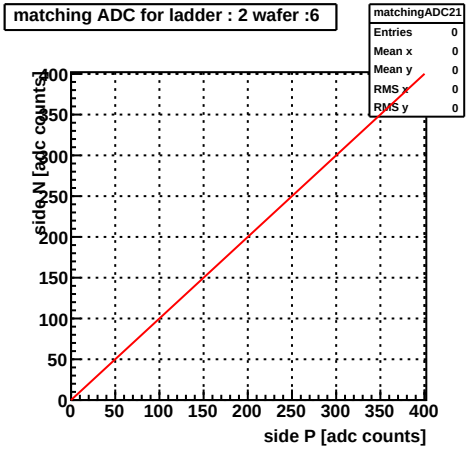

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

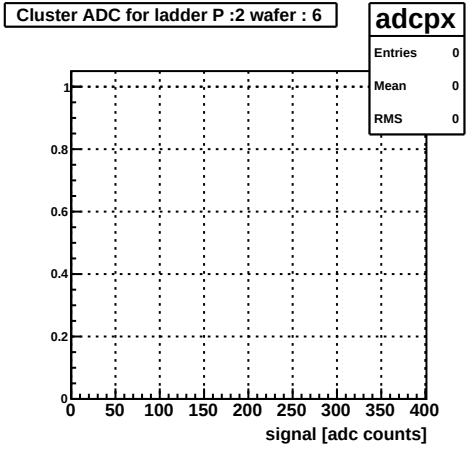

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

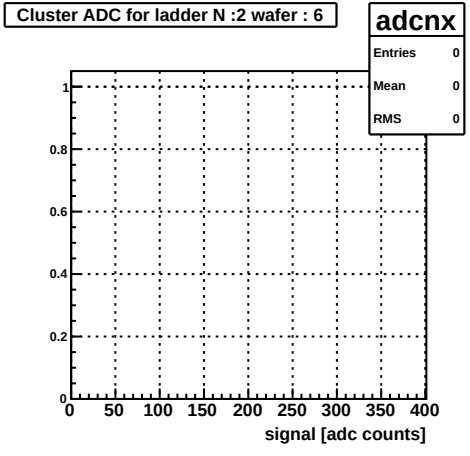

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

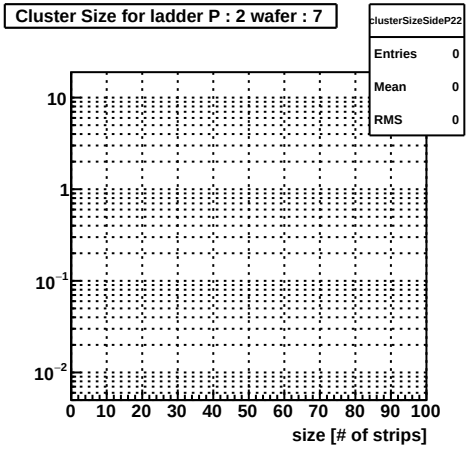

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

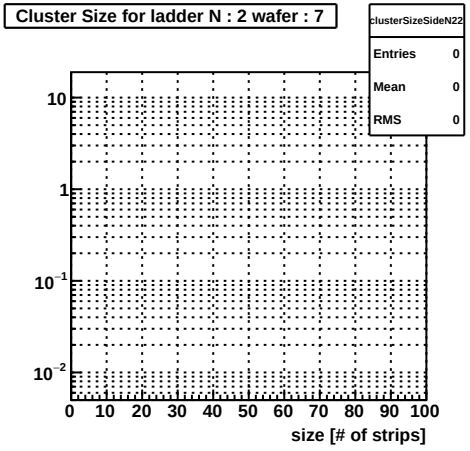

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

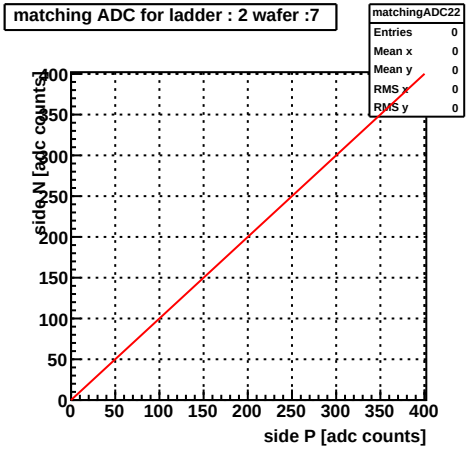

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

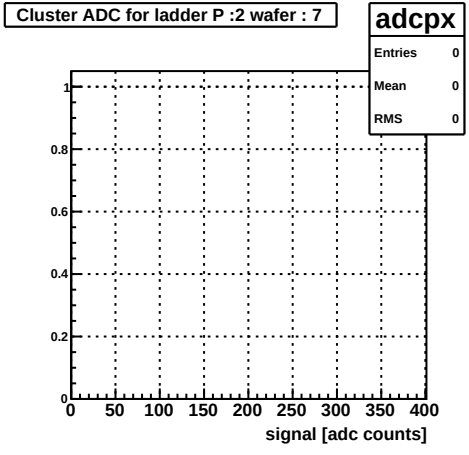

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

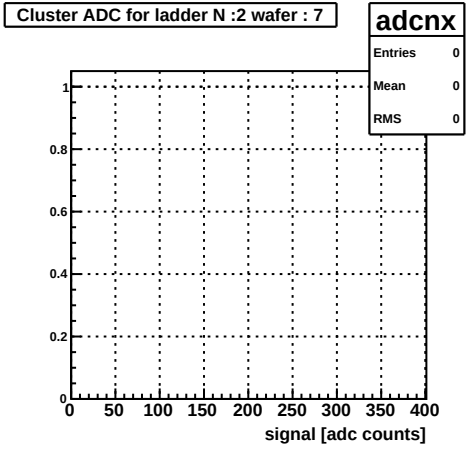

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

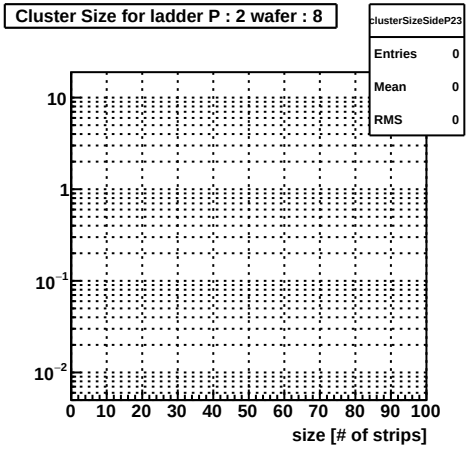

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

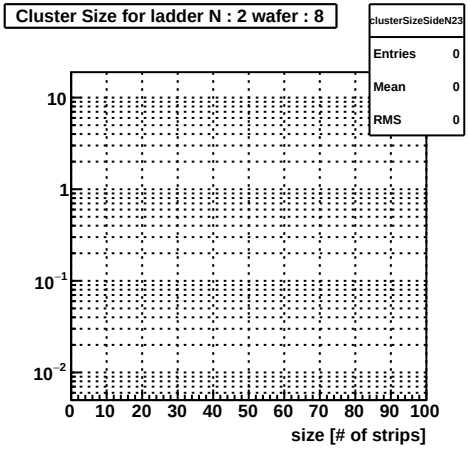

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

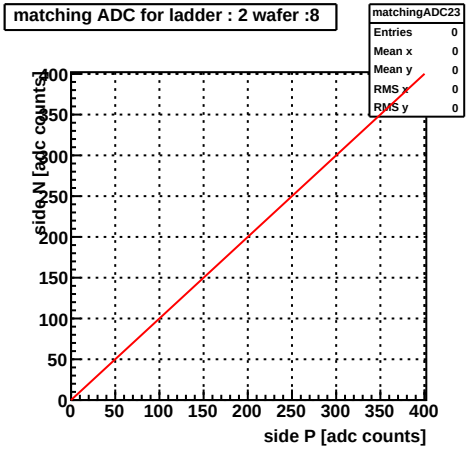

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

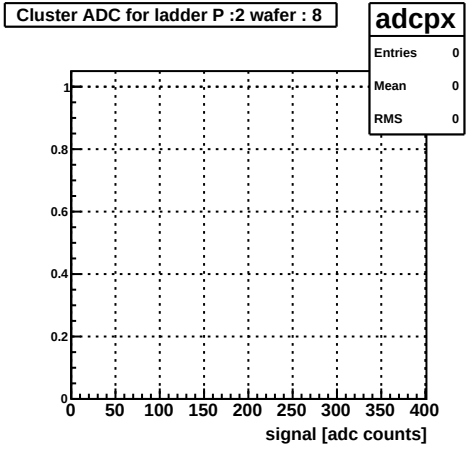

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

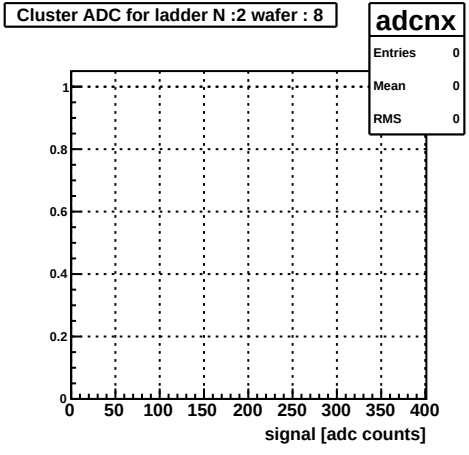

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

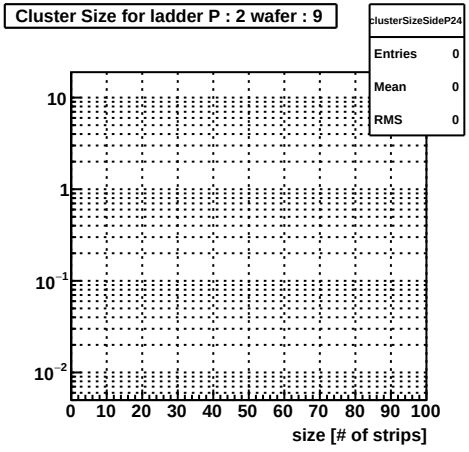

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

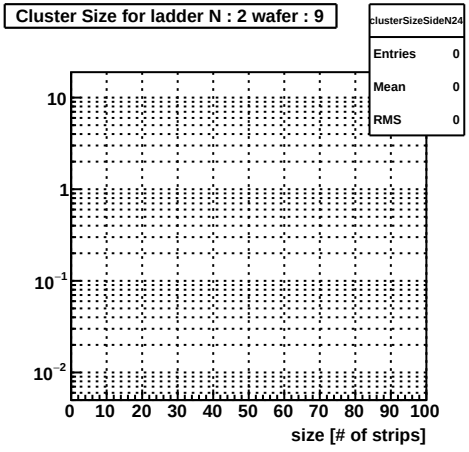

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

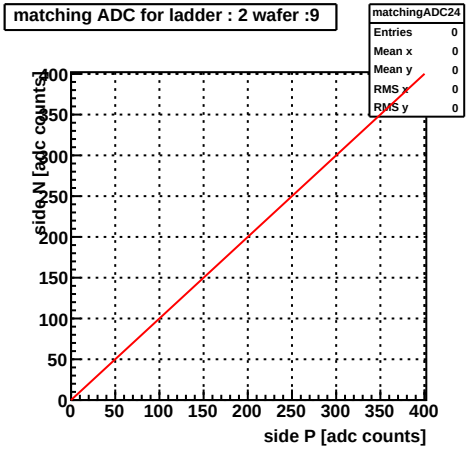

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

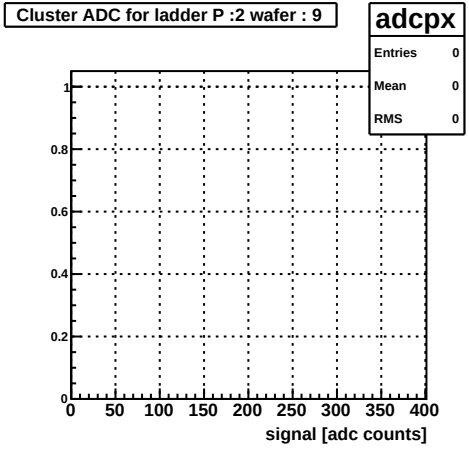

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

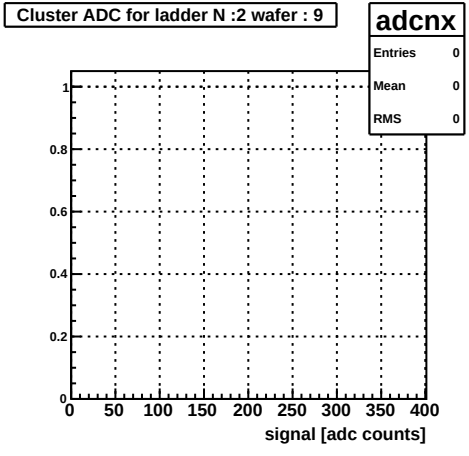

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

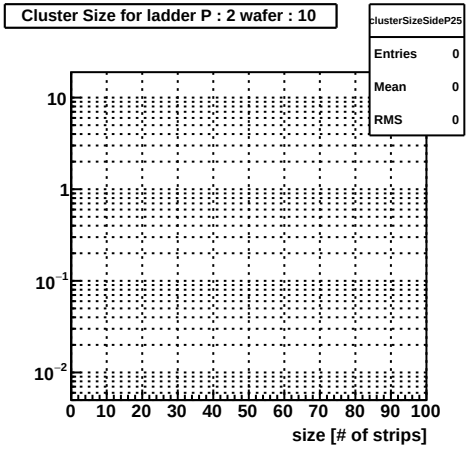

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

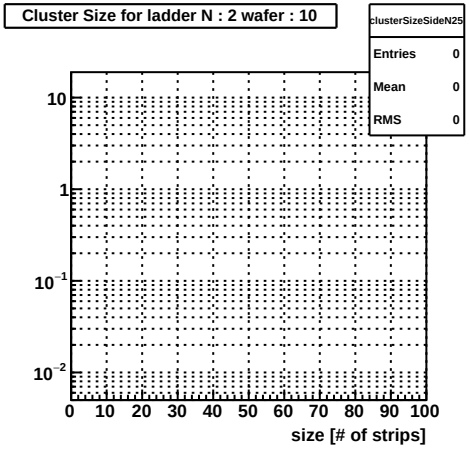

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

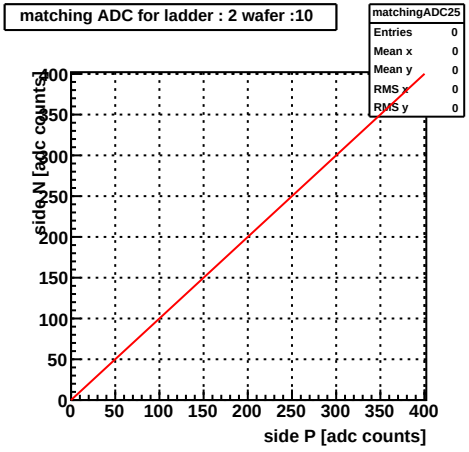

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

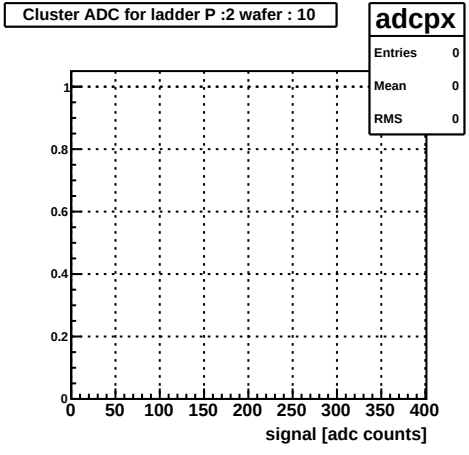

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

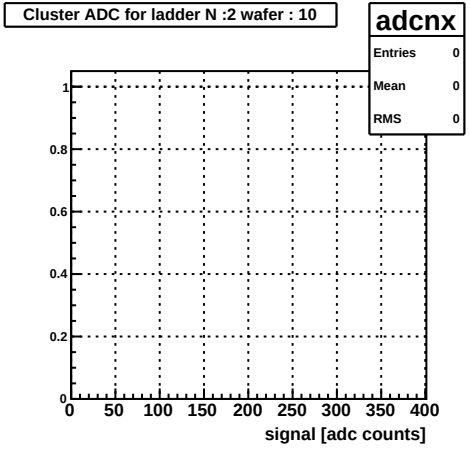

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

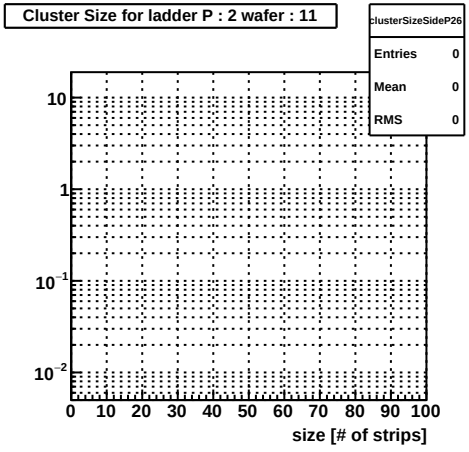

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

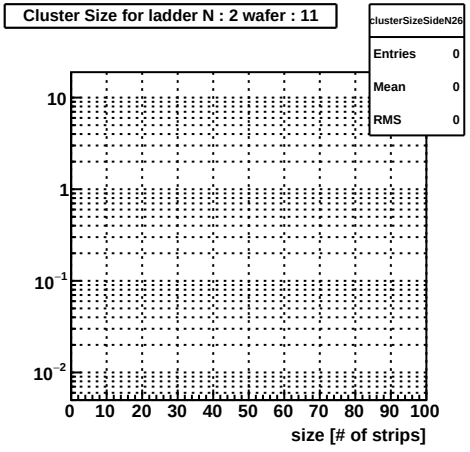

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

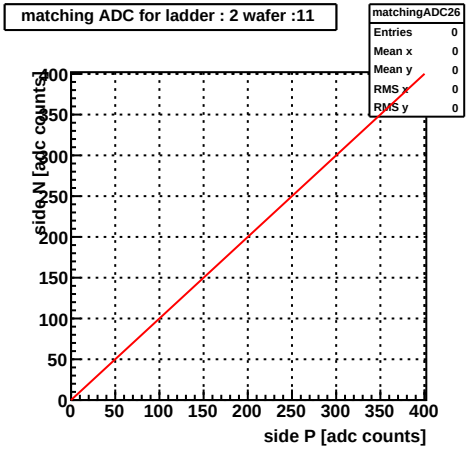

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

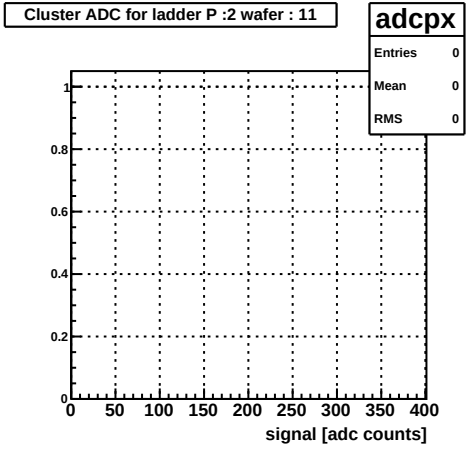

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

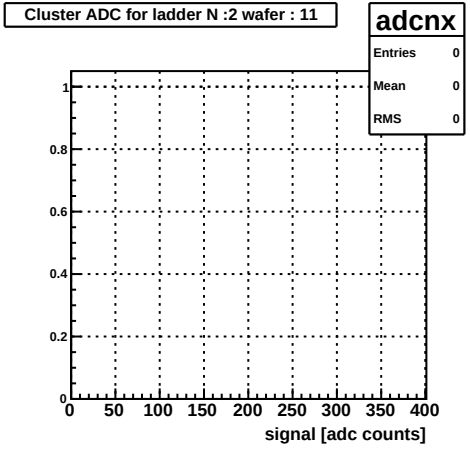

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

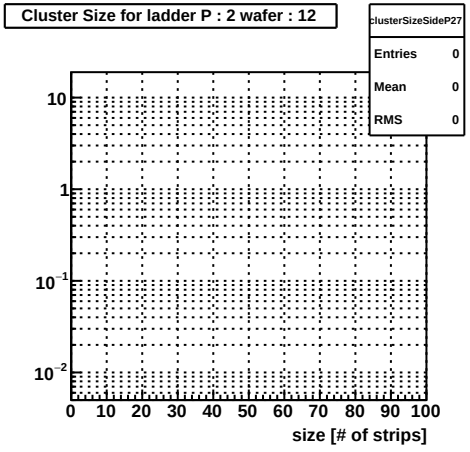

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

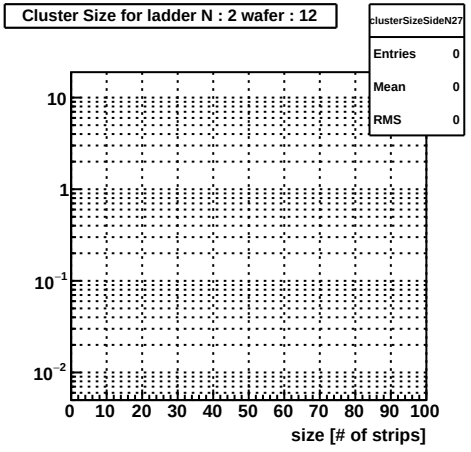

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

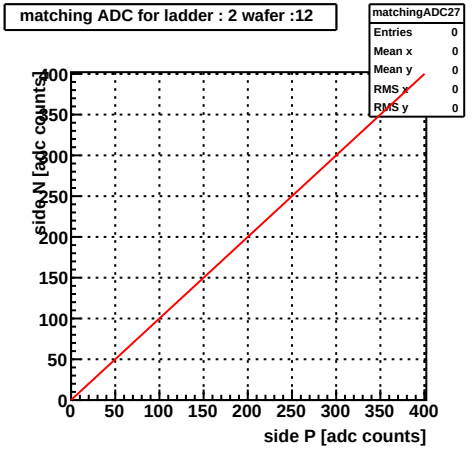

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

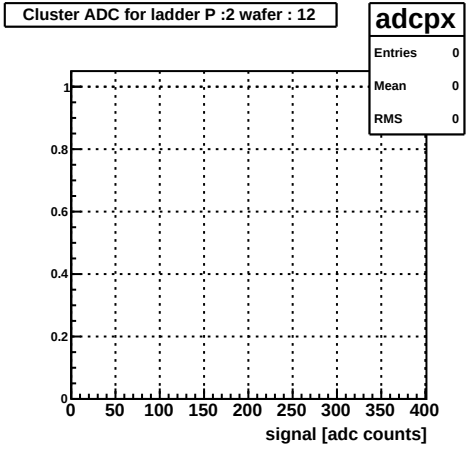

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

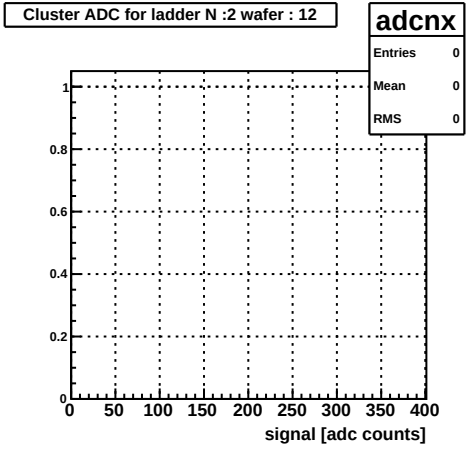

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

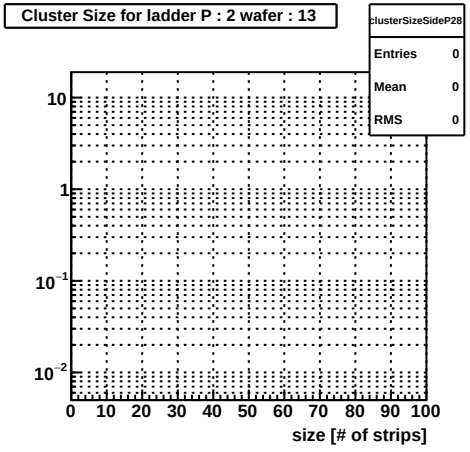

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

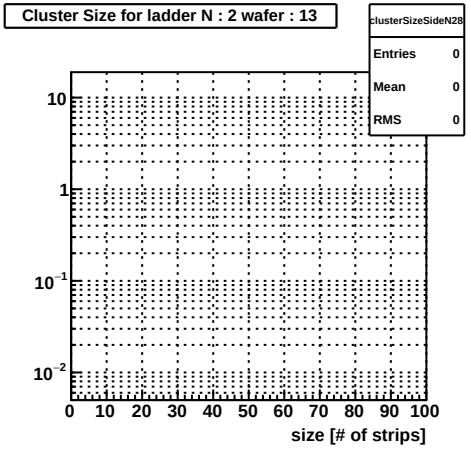

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

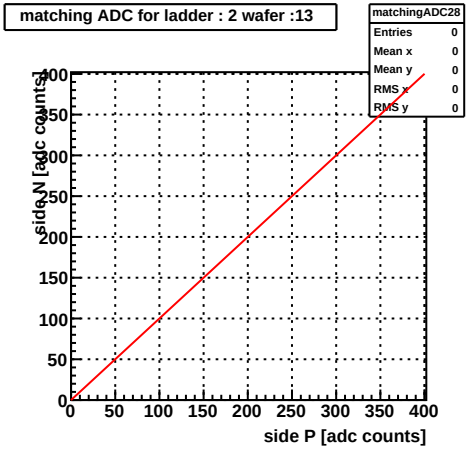

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

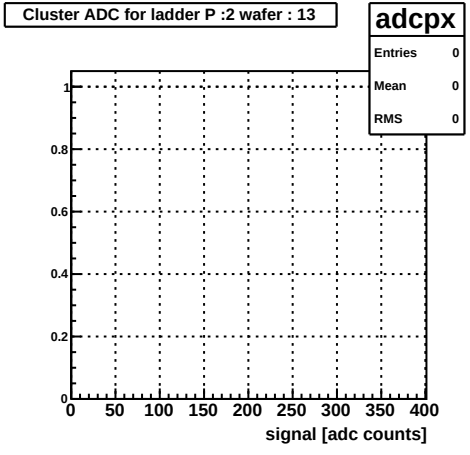

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

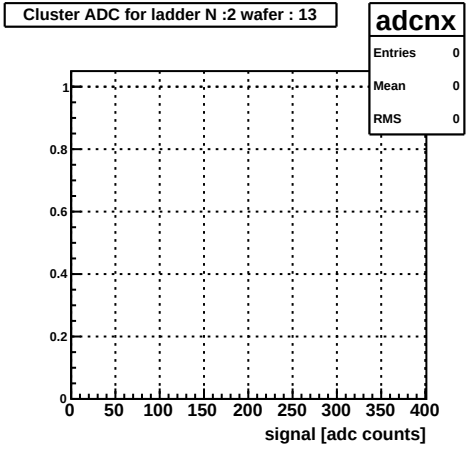

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

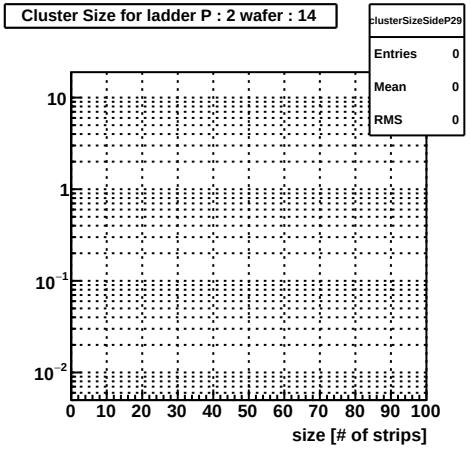

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

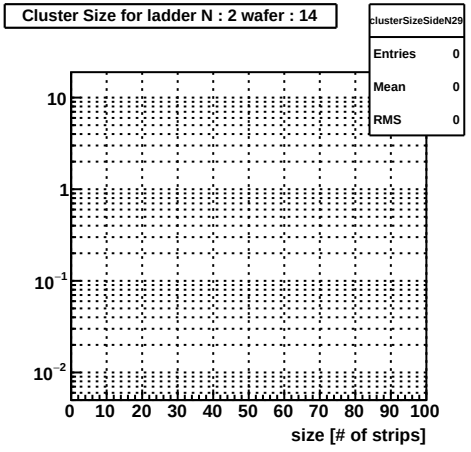

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

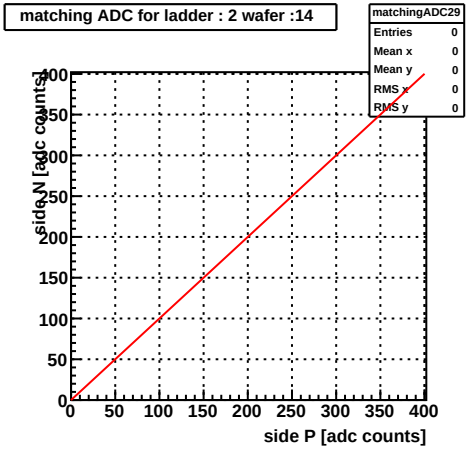

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

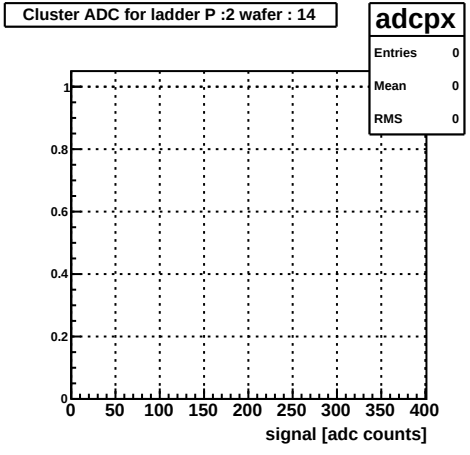

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

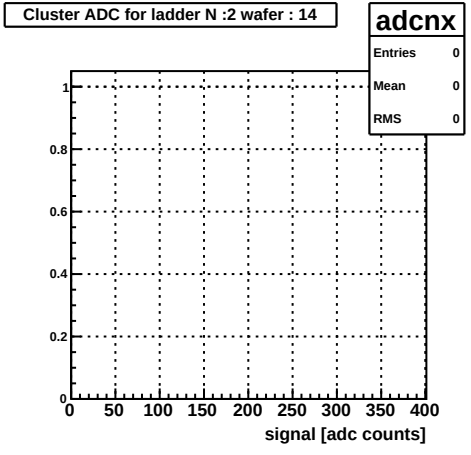

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

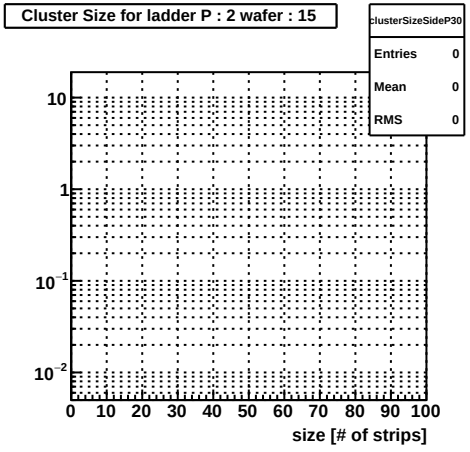

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

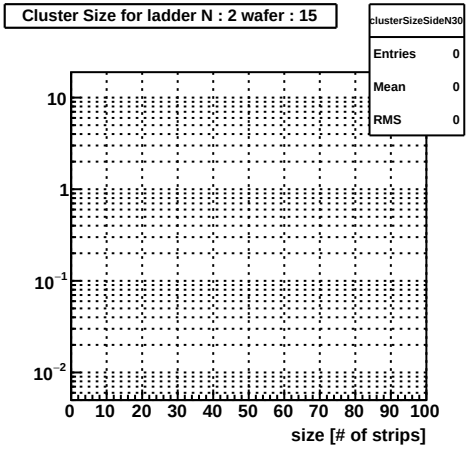

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

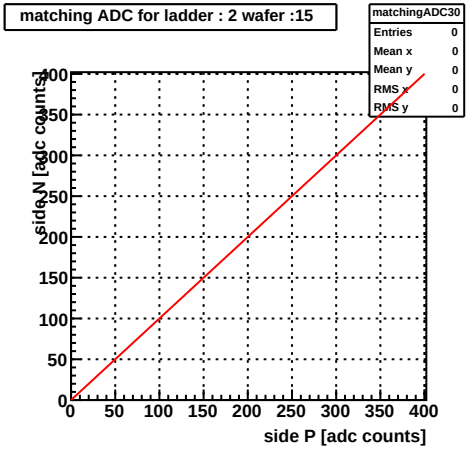

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

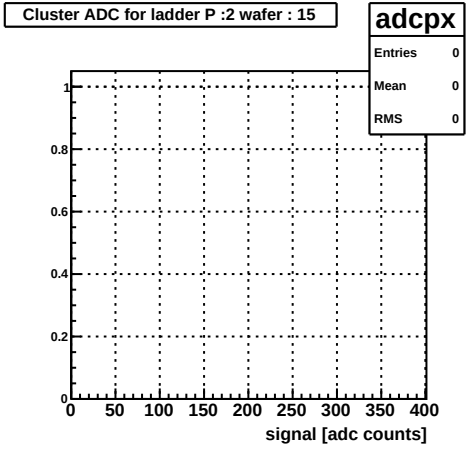

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

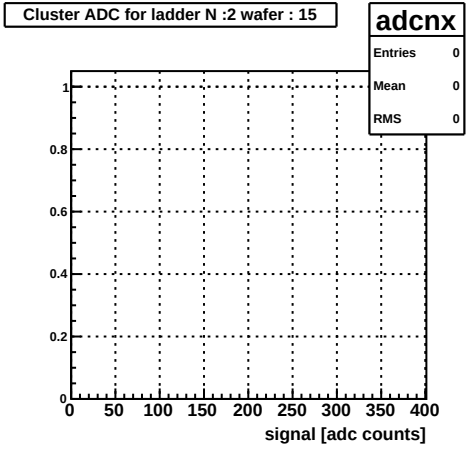

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

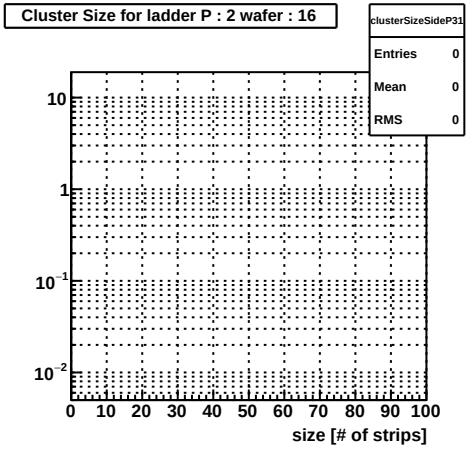

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

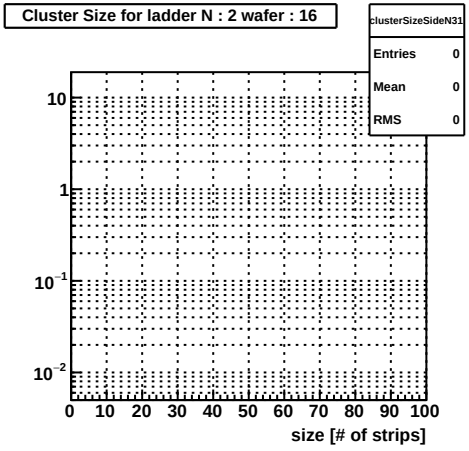

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

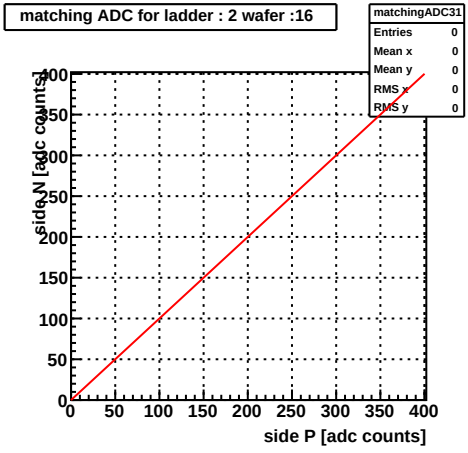

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

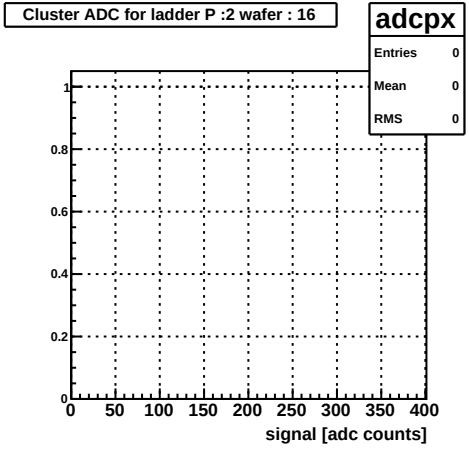

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

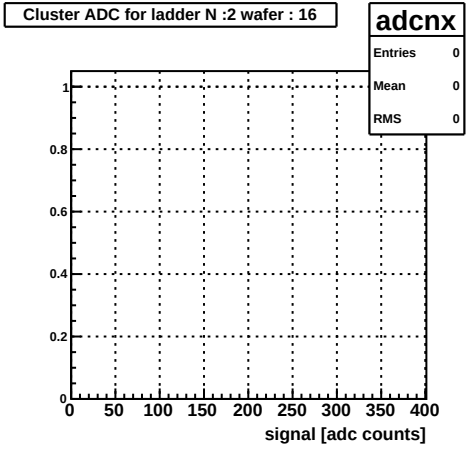

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

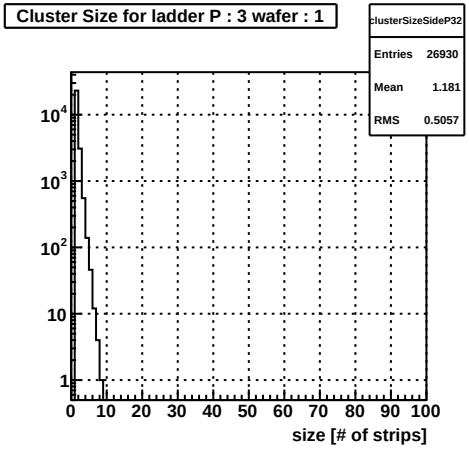

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

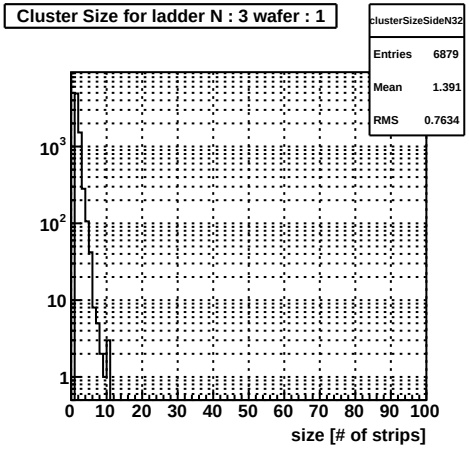

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

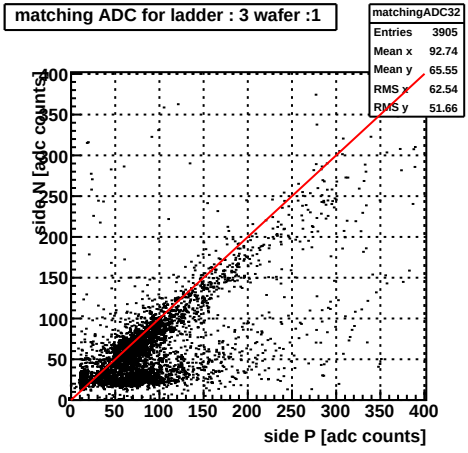

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

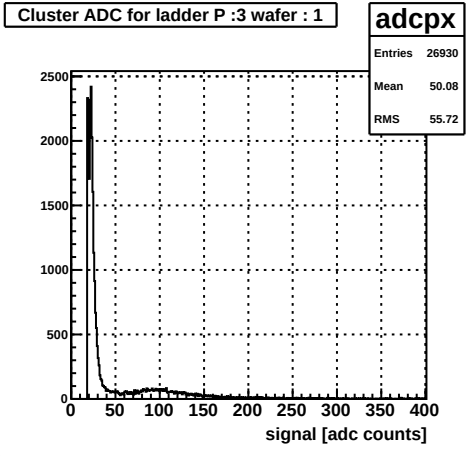

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

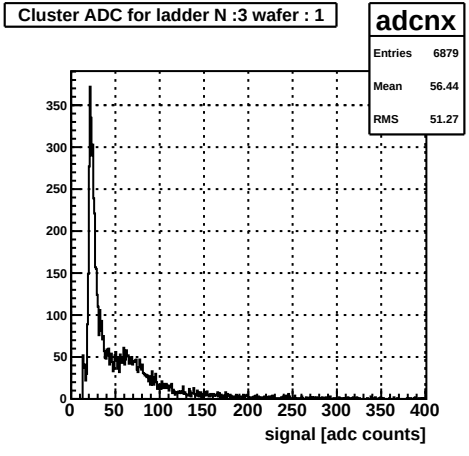

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

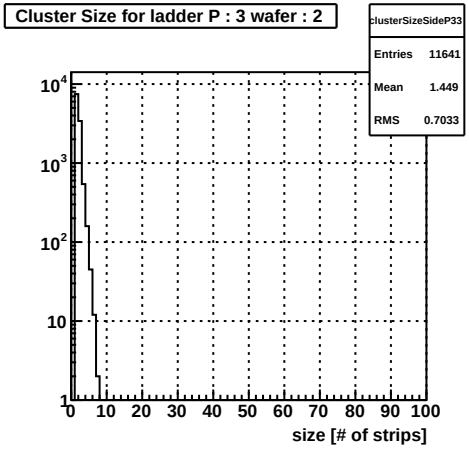

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 26930
Mean 1.181
RMS 0.5057
size [# of strips]

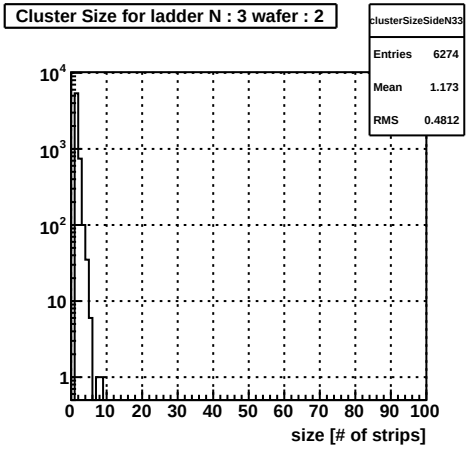

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 6879
Mean 1.391
RMS 0.7634
size [# of strips]

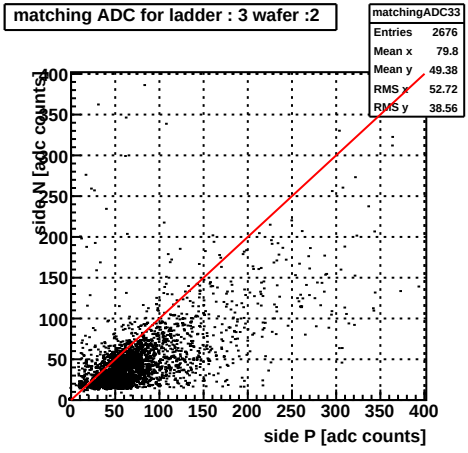

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3905
Mean x 92.74
Mean y 65.55
RMS x 62.54
RMS y 51.66
side N [adc counts]
side P [adc counts]

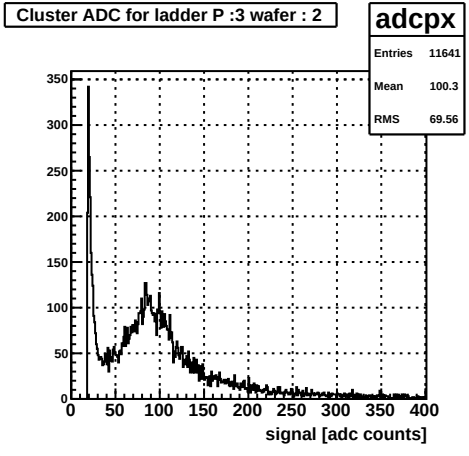

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 26930
Mean 50.08
RMS 55.72
signal [adc counts]

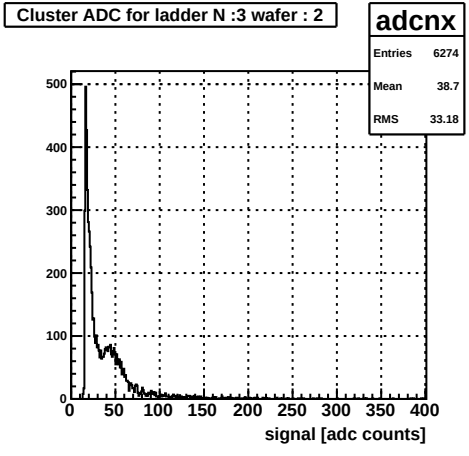

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 6879
Mean 56.44
RMS 51.27
signal [adc counts]

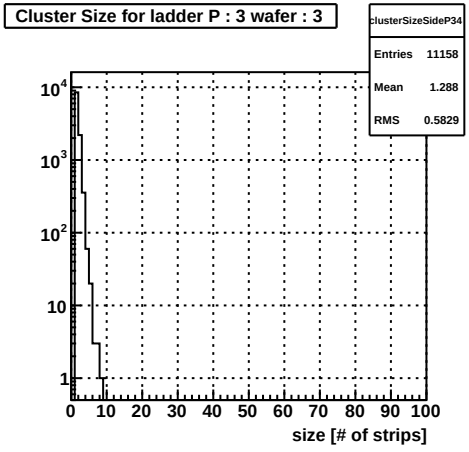

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 11641
Mean 1.449
RMS 0.7033
size [# of strips]

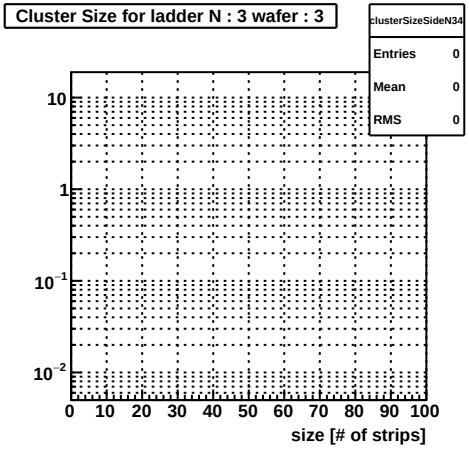

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 6274
Mean 1.173
RMS 0.4812
size [# of strips]

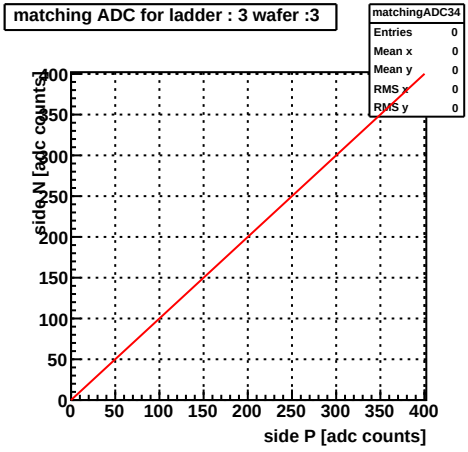

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2676
Mean x 79.8
Mean y 49.38
RMS x 52.72
RMS y 38.56
side N [adc counts]
side P [adc counts]

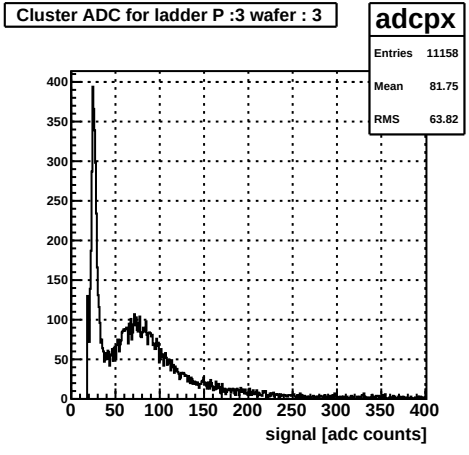

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 11641
Mean 100.3
RMS 69.56
signal [adc counts]

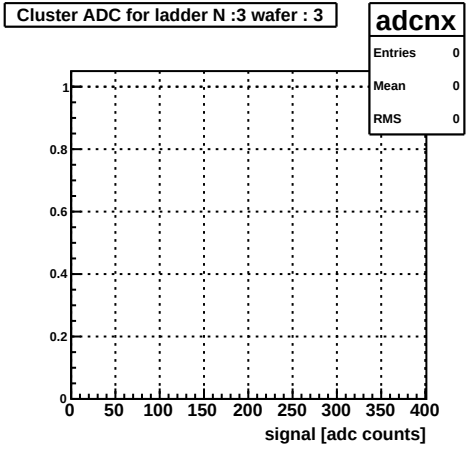

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 6274
Mean 38.7
RMS 33.18
signal [adc counts]

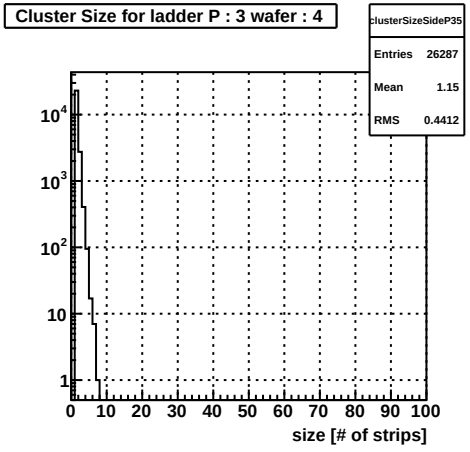

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 11158
Mean 1.288
RMS 0.5829
size [# of strips]

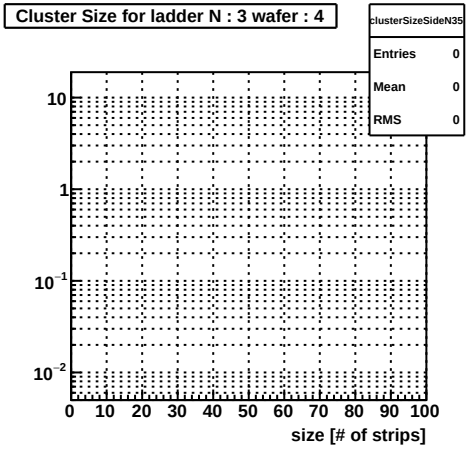

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

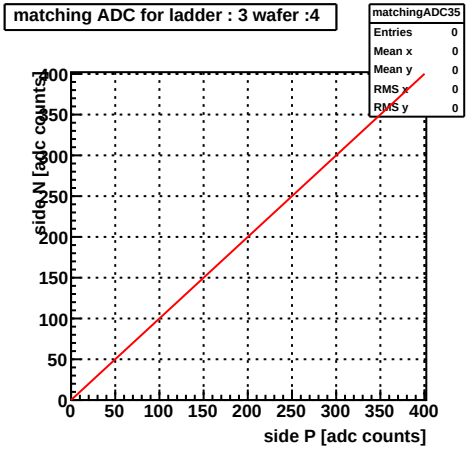

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

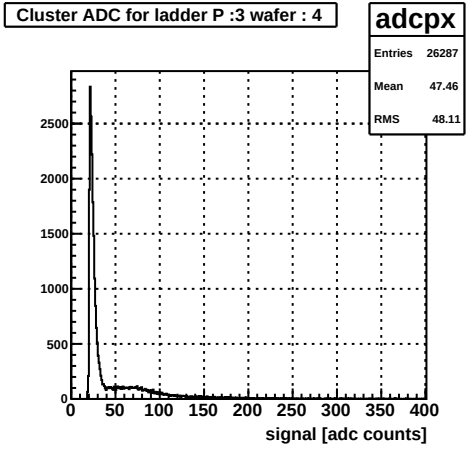

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 11158
Mean 81.75
RMS 63.82
signal [adc counts]

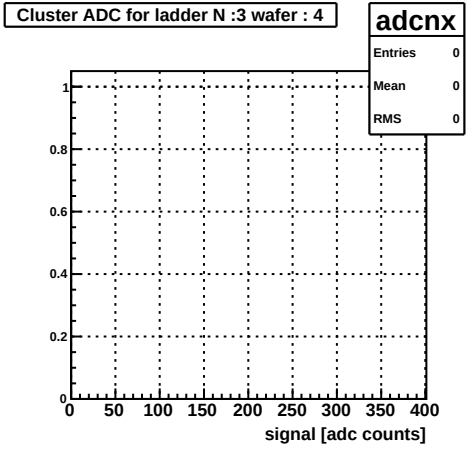

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

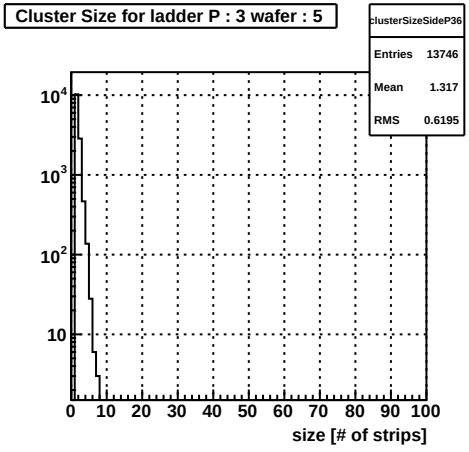

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 26287
Mean 1.15
RMS 0.4412
size [# of strips]

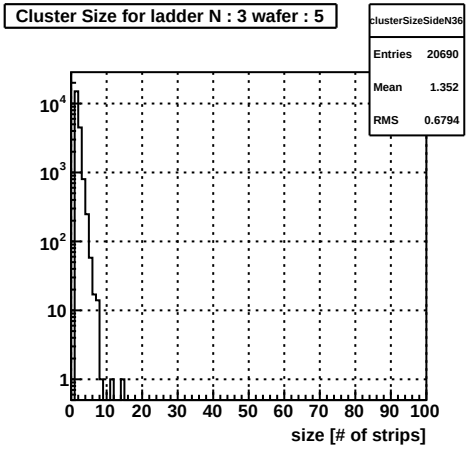

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

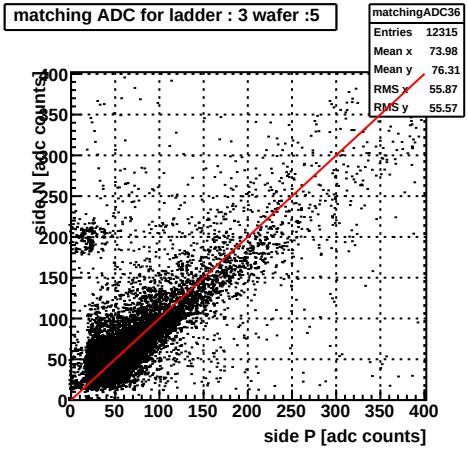

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

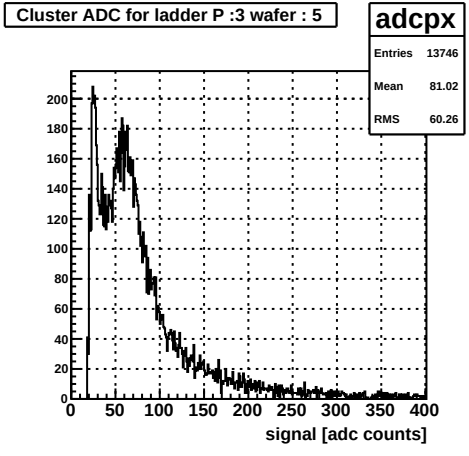

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 26287
Mean 47.46
RMS 48.11
signal [adc counts]

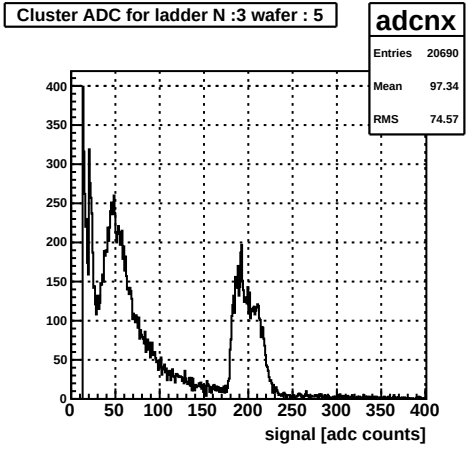

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

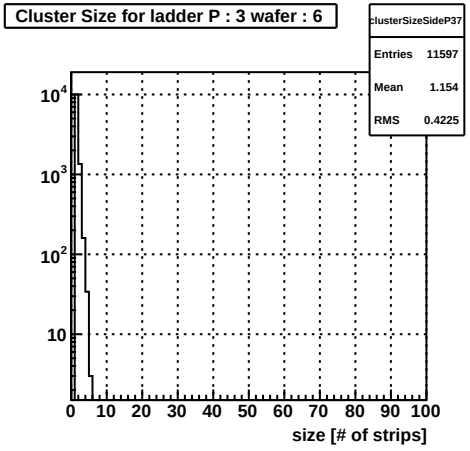

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 13746
Mean 1.317
RMS 0.6195
size [# of strips]

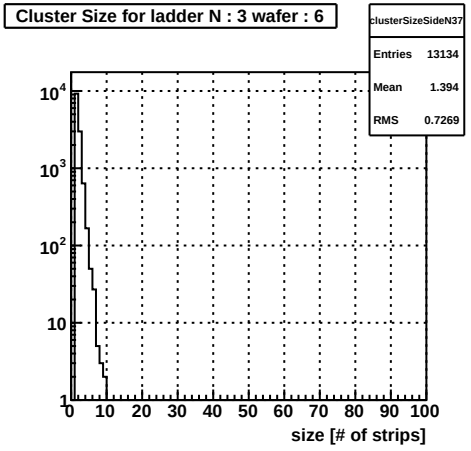

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 20690
Mean 1.352
RMS 0.6794
size [# of strips]

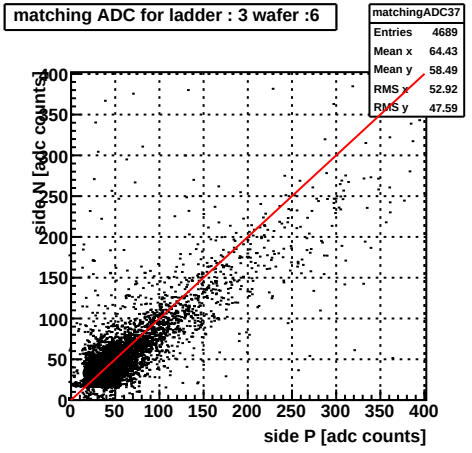

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 12315
Mean x 73.98
Mean y 76.31
RMS x 55.87
RMS y 55.57
side N [adc counts]
side P [adc counts]

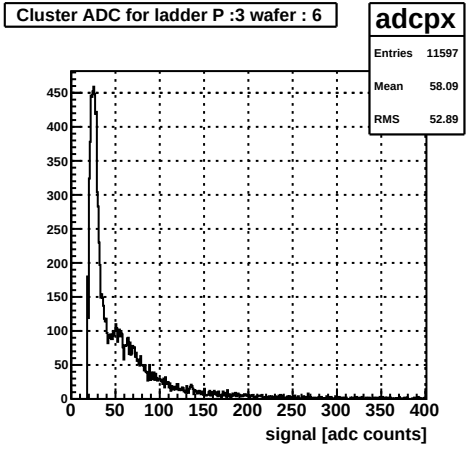

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 13746
Mean 81.02
RMS 60.26
signal [adc counts]

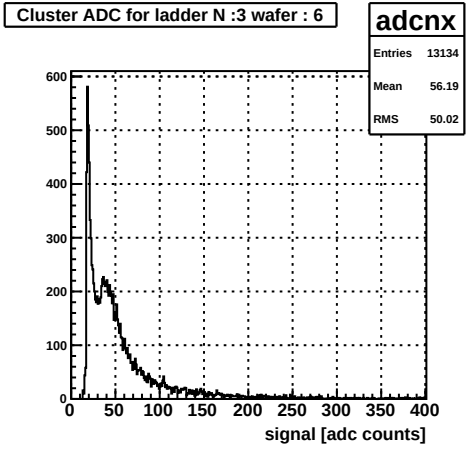

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 20690
Mean 97.34
RMS 74.57
signal [adc counts]

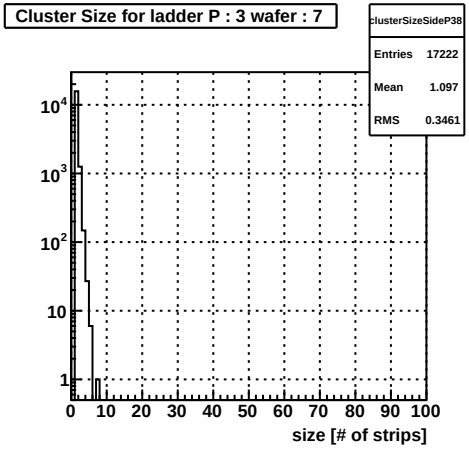

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 11597
Mean 1.154
RMS 0.4225
size [# of strips]

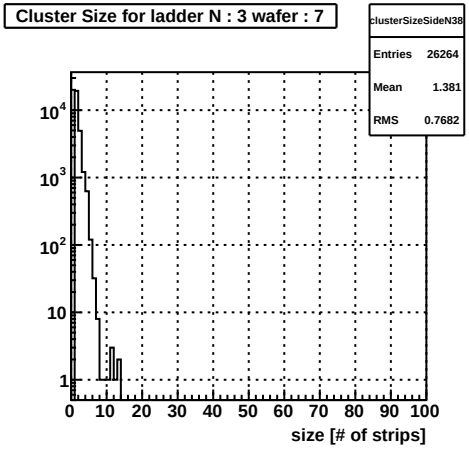

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 13134
Mean 1.394
RMS 0.7269
size [# of strips]

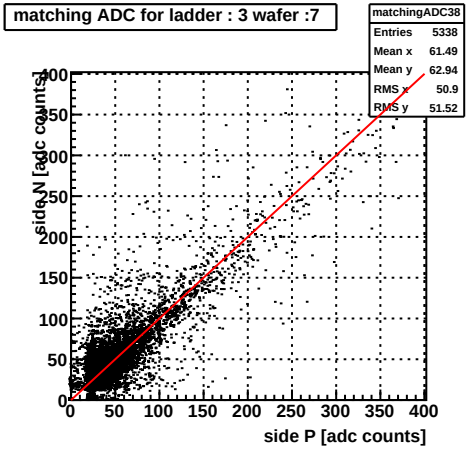

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4689
Mean x 64.43
Mean y 58.49
RMS x 52.92
RMS y 47.59
side N [adc counts]
side P [adc counts]

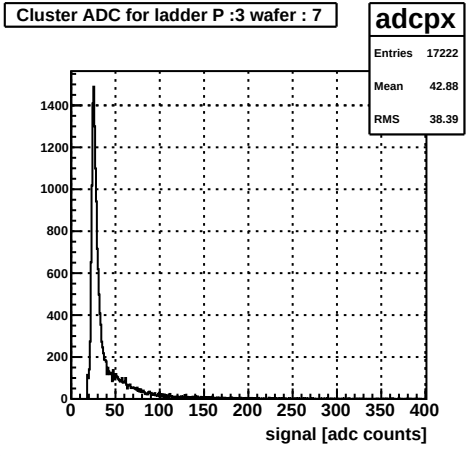

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 11597
Mean 58.09
RMS 52.89
signal [adc counts]

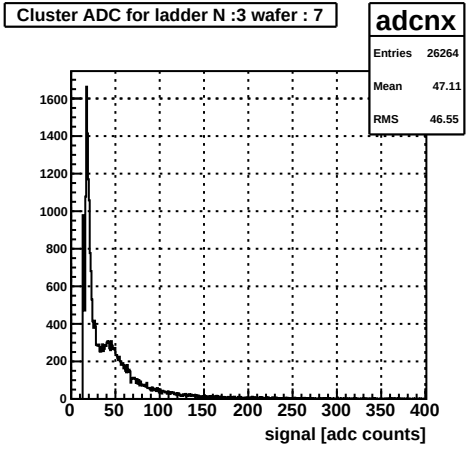

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 13134
Mean 56.19
RMS 50.02
signal [adc counts]

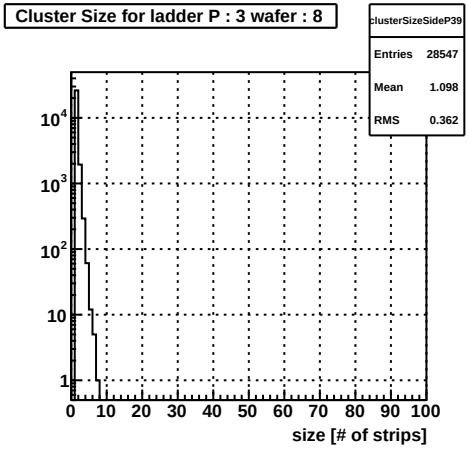

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 17222
Mean 1.097
RMS 0.3461
size [# of strips]

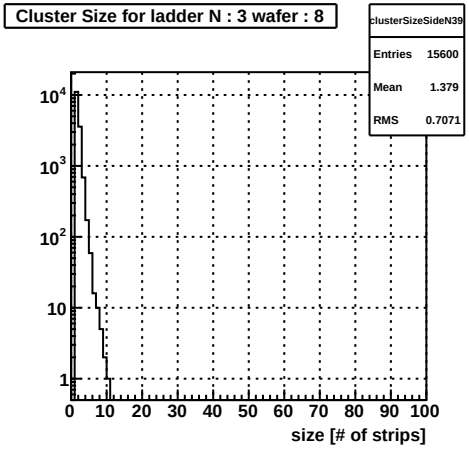

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 26264
Mean 1.381
RMS 0.7682
size [# of strips]

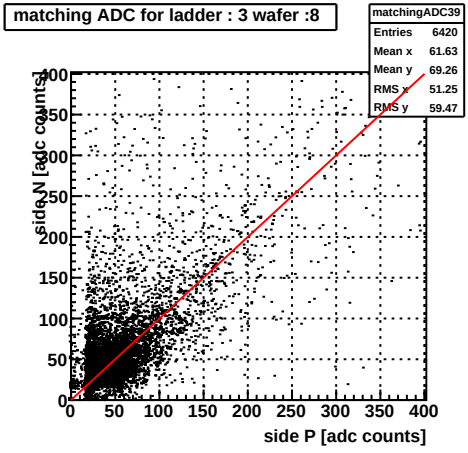

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5338
Mean x 61.49
Mean y 62.94
RMS x 50.9
RMS y 51.52
side N [adc counts]
side P [adc counts]

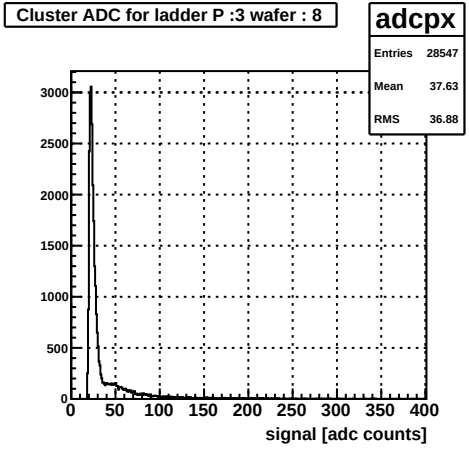

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 17222
Mean 42.88
RMS 38.39
signal [adc counts]

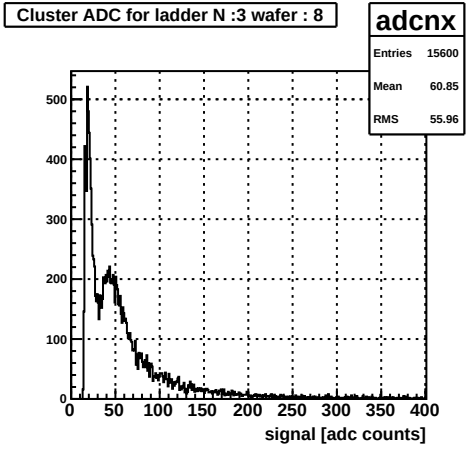

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 26264
Mean 47.11
RMS 46.55
signal [adc counts]

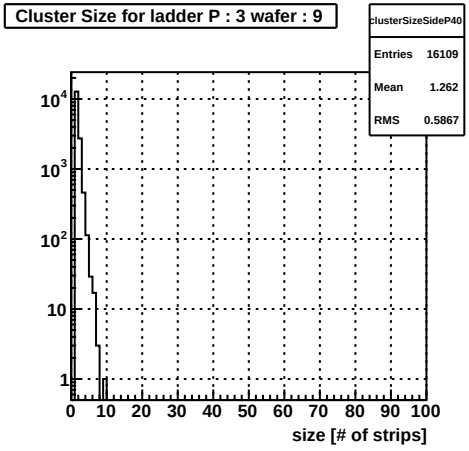

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 28547
Mean 1.098
RMS 0.362
size [# of strips]

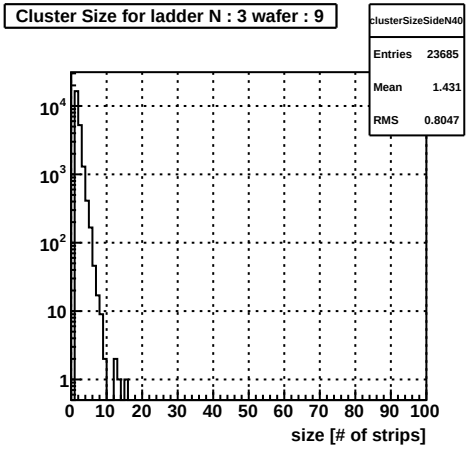

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 15600
Mean 1.379
RMS 0.0.7071
size [# of strips]

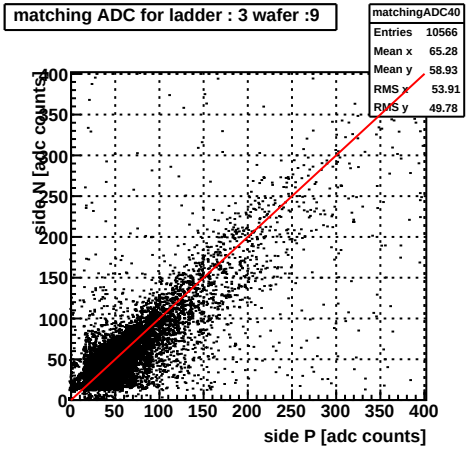

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 6420
Mean x 61.63
Mean y 69.26
RMS x 51.25
RMS y 59.47
side N [adc counts]
side P [adc counts]

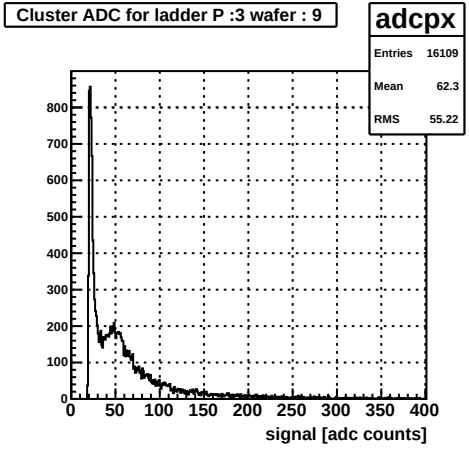

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 28547
Mean 37.63
RMS 36.88
signal [adc counts]

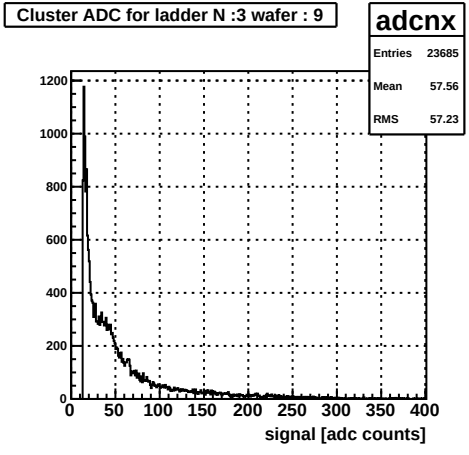

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 15600
Mean 60.85
RMS 55.96
signal [adc counts]

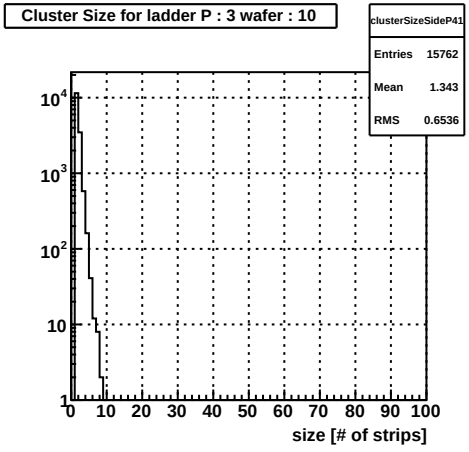

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 16109
Mean 1.262
RMS 0.5867
size [# of strips]

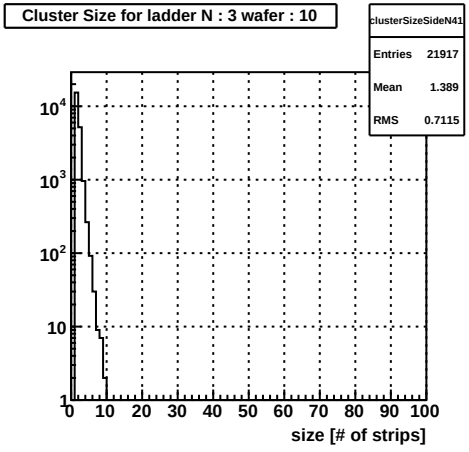

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 23685
Mean 1.431
RMS 0.8047
size [# of strips]

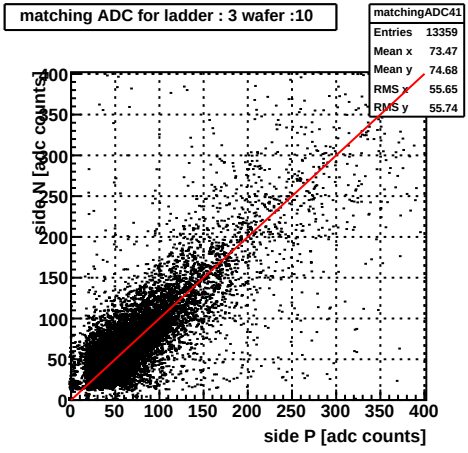

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 10566
Mean x 65.28
Mean y 58.93
RMS x 53.91
RMS y 49.78
side N [adc counts]
side P [adc counts]

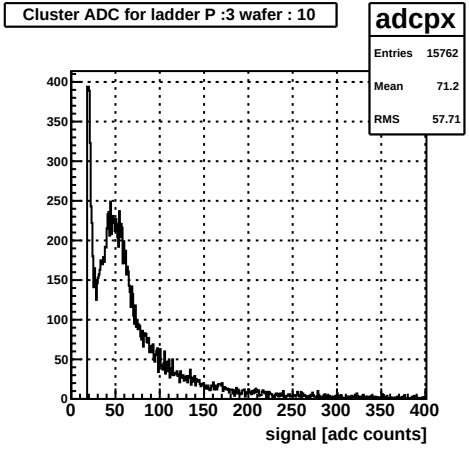

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 16109
Mean 62.3
RMS 55.22
signal [adc counts]

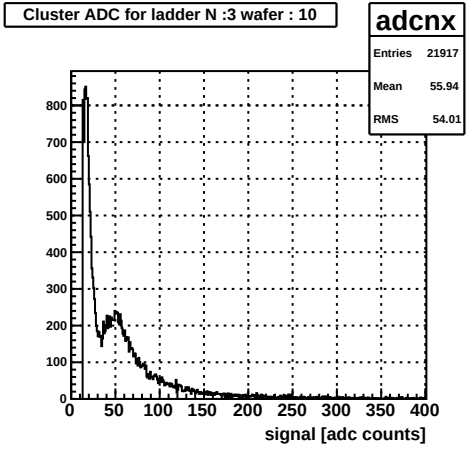

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 23685
Mean 57.56
RMS 57.23
signal [adc counts]

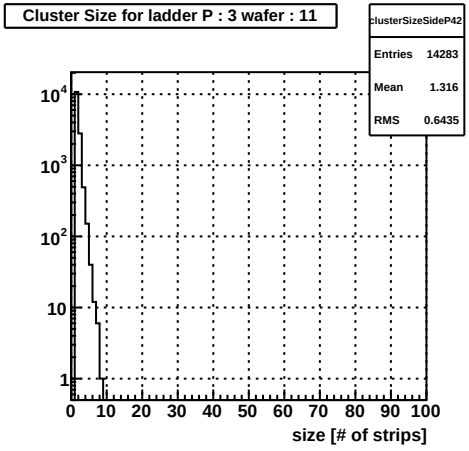

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 15762
Mean 1.343
RMS 0.6536
size [# of strips]

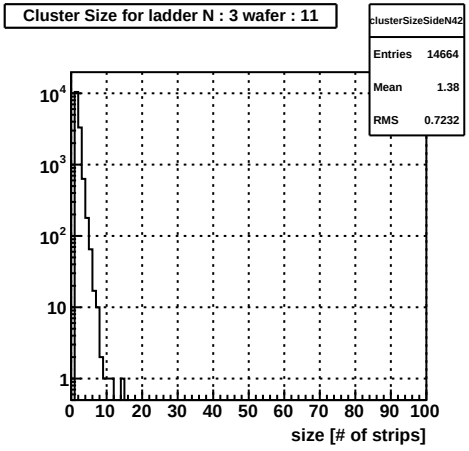

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 21917
Mean 1.389
RMS 0.7115
size [# of strips]

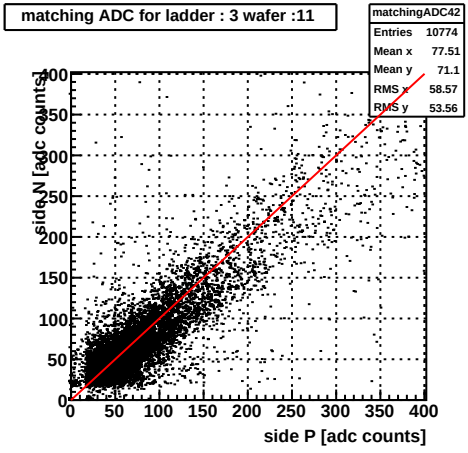

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 13359
Mean x 73.47
Mean y 74.68
RMS x 55.65
RMS y 55.74
side N [adc counts]
side P [adc counts]

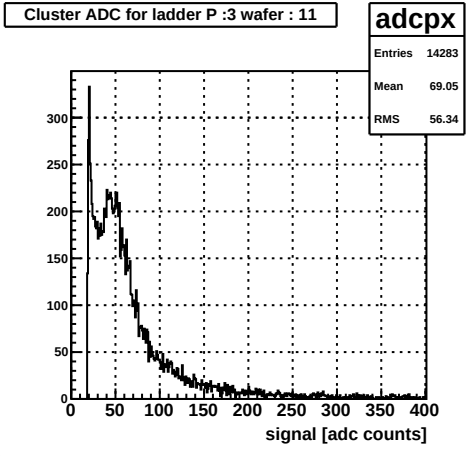

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 15762
Mean 71.2
RMS 57.71
signal [adc counts]

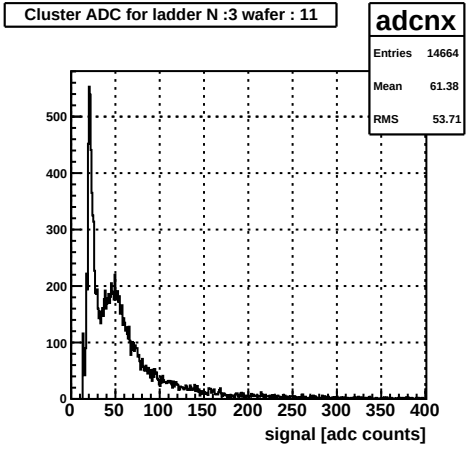

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 21917
Mean 55.94
RMS 54.01
signal [adc counts]

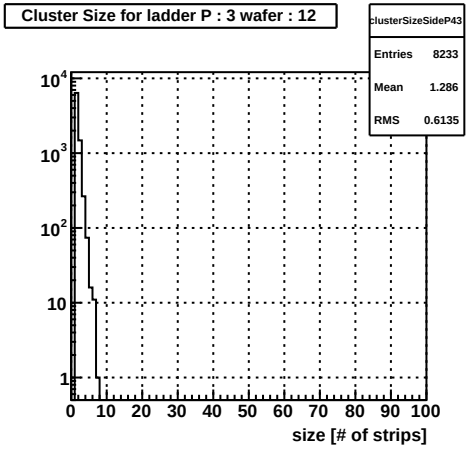

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 14283
Mean 1.316
RMS 0.6435
size [# of strips]

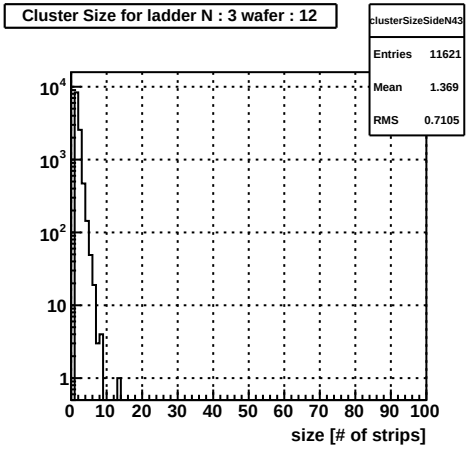

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 14664
Mean 1.38
RMS 0.7232
size [# of strips]

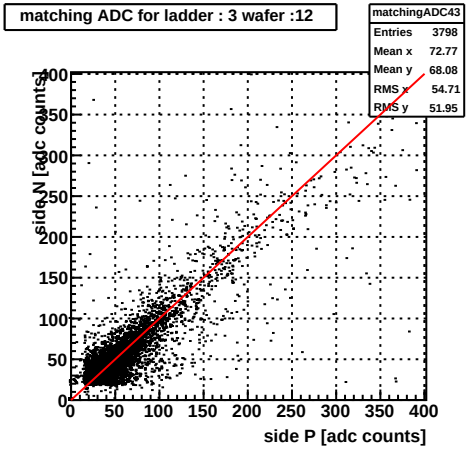

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 10774
Mean x 77.51
Mean y 71.1
RMS x 58.57
RMS y 53.56
side N [adc counts]
side P [adc counts]

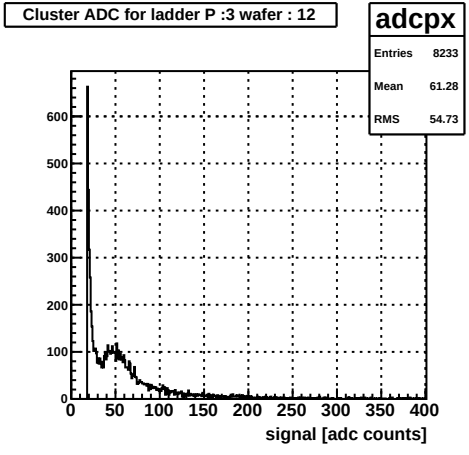

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 14283
Mean 69.05
RMS 56.34
signal [adc counts]

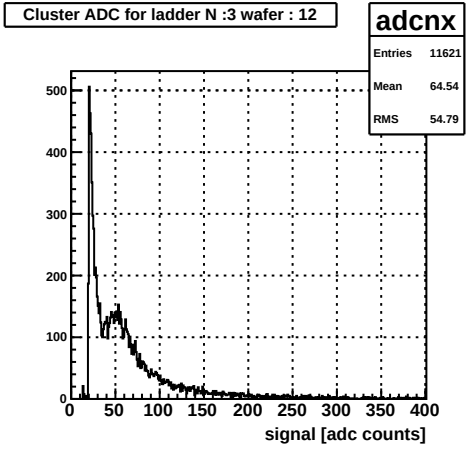

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 14664
Mean 61.38
RMS 53.71
signal [adc counts]

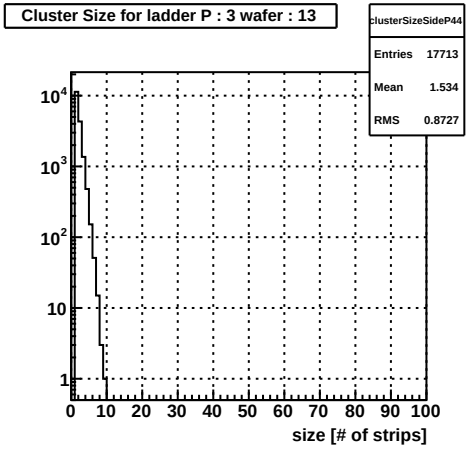

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 8233
Mean 1.286
RMS 0.6135
size [# of strips]

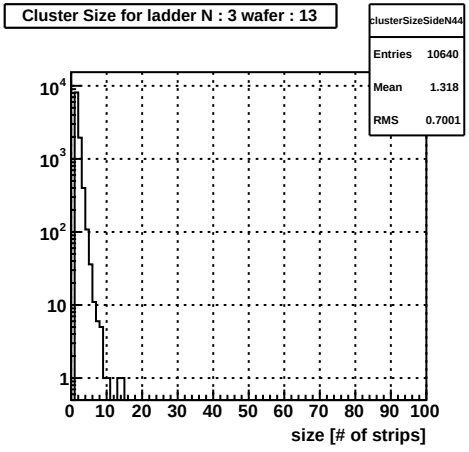

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 11621
Mean 1.369
RMS 0.7105
size [# of strips]

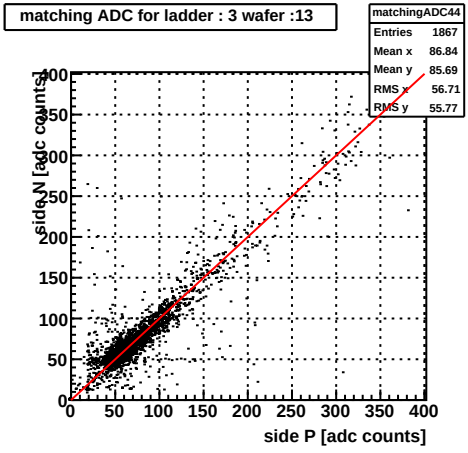

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 3798
Mean x 72.77
Mean y 68.08
RMS x 54.71
RMS y 51.95
side N [adc counts]
side P [adc counts]

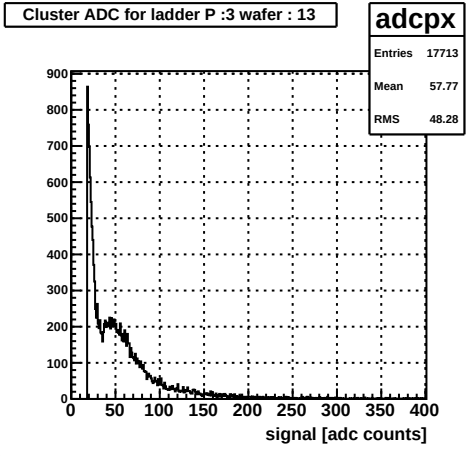

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 8233
Mean 61.28
RMS 54.73
signal [adc counts]

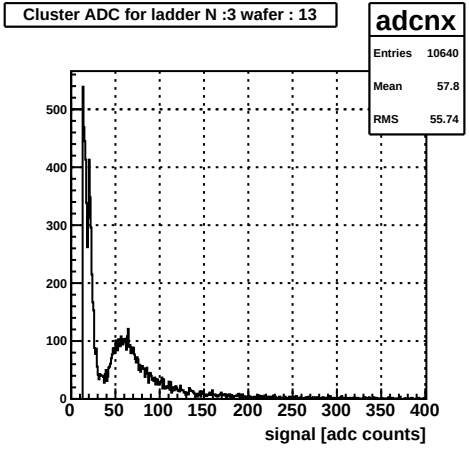

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 11621
Mean 64.54
RMS 54.79
signal [adc counts]

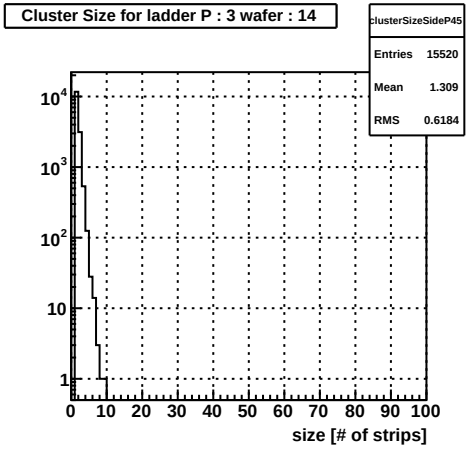

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 17713
Mean 1.534
RMS 0.8727
size [# of strips]

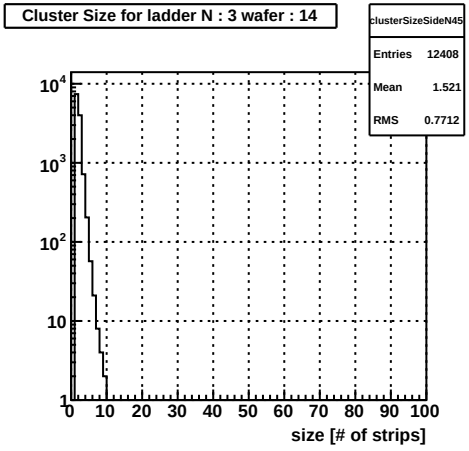

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 10640
Mean 1.318
RMS 0.7001
size [# of strips]

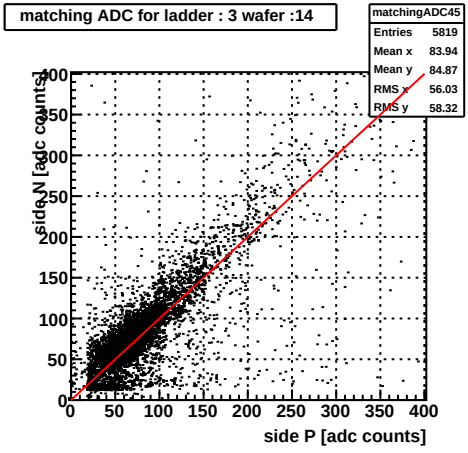

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1867
Mean x 86.84
Mean y 85.69
RMS x 56.71
RMS y 55.77
side N [adc counts]
side P [adc counts]

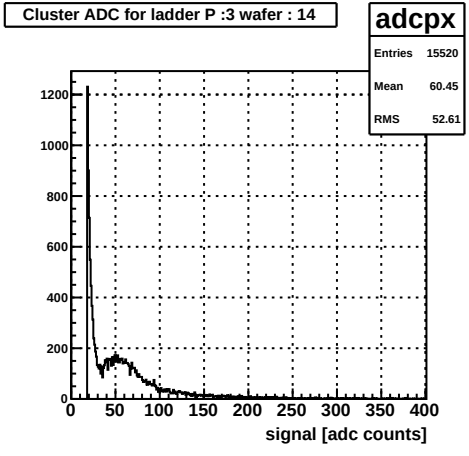

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 17713
Mean 57.77
RMS 48.28
signal [adc counts]

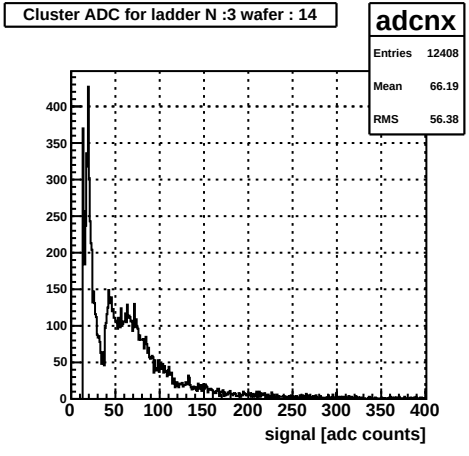

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 10640
Mean 57.8
RMS 55.74
signal [adc counts]

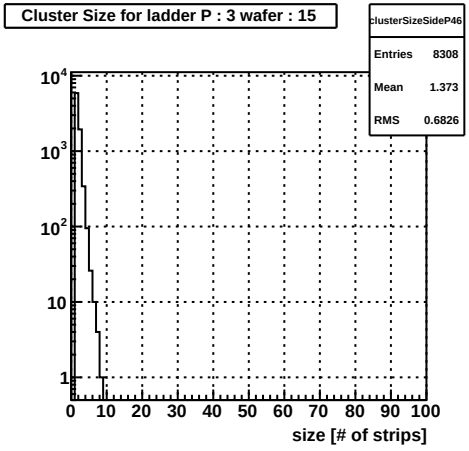

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 15520
Mean 1.309
RMS 0.6184
size [# of strips]

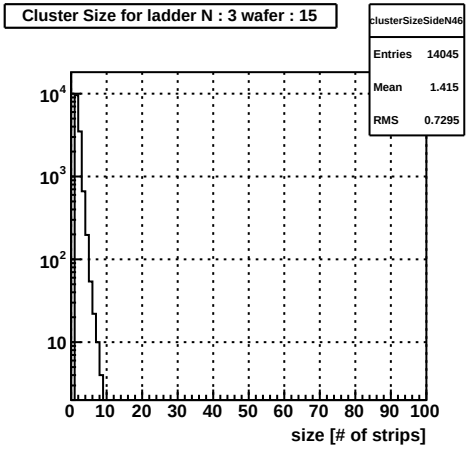

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 12408
Mean 1.521
RMS 0.7712
size [# of strips]

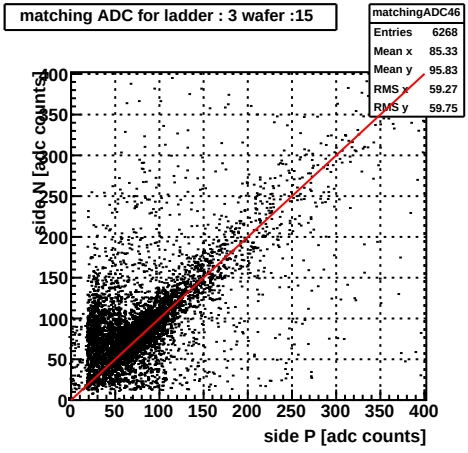

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 5819
Mean x 83.94
Mean y 84.87
RMS x 56.03
RMS y 58.32
side N [adc counts]
side P [adc counts]

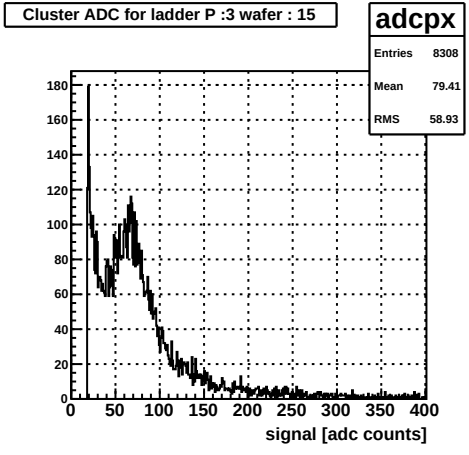

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 15520
Mean 60.45
RMS 52.61
signal [adc counts]

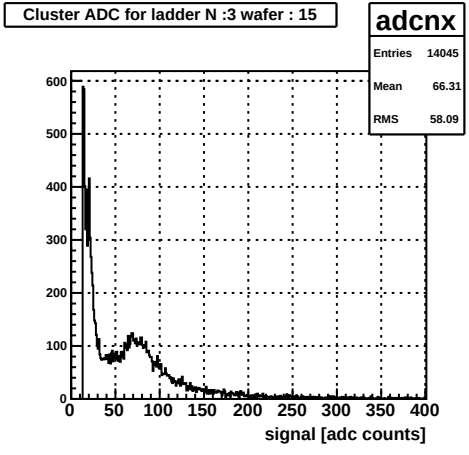

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 12408
Mean 66.19
RMS 56.38
signal [adc counts]

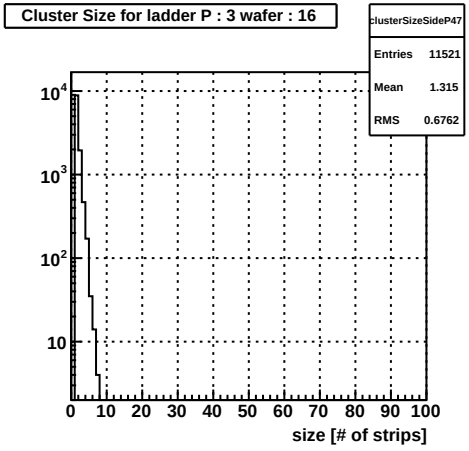

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 8308
Mean 1.373
RMS 0.6826
size [# of strips]

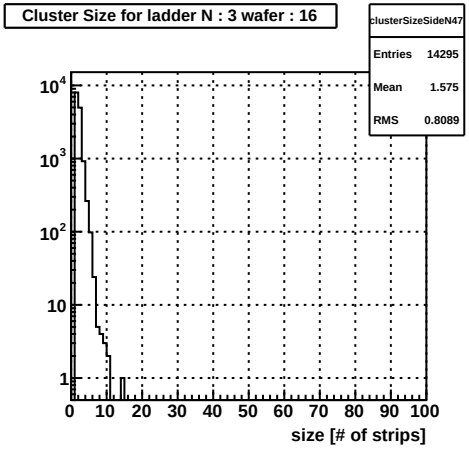

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 14045
Mean 1.415
RMS 0.7295
size [# of strips]

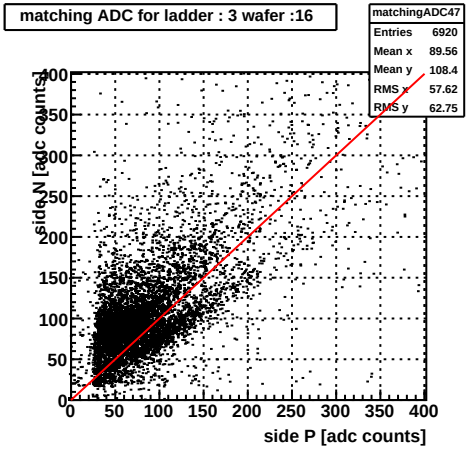

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 6268
Mean x 85.33
Mean y 95.83
RMS x 59.27
RMS y 59.75
side N [adc counts]
side P [adc counts]

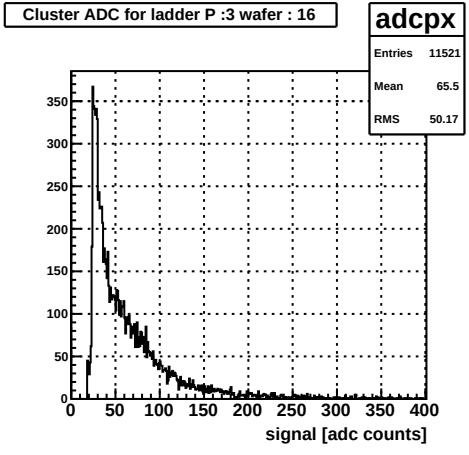

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 8308
Mean 79.41
RMS 58.93
signal [adc counts]

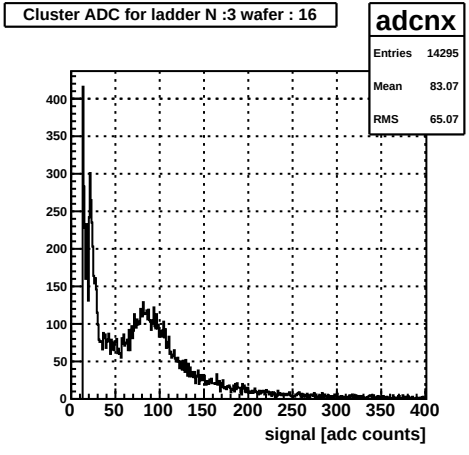

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 14045
Mean 66.31
RMS 58.09
signal [adc counts]

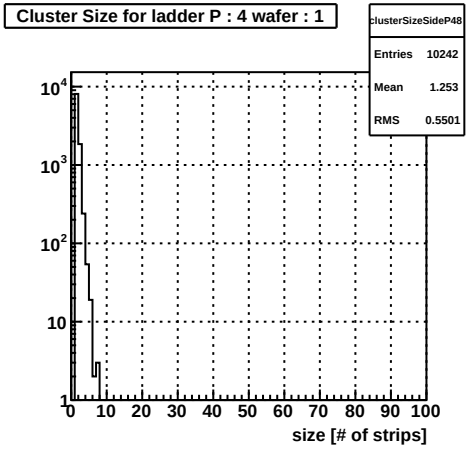

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 11521
Mean 1.315
RMS 0.6762
size [# of strips]

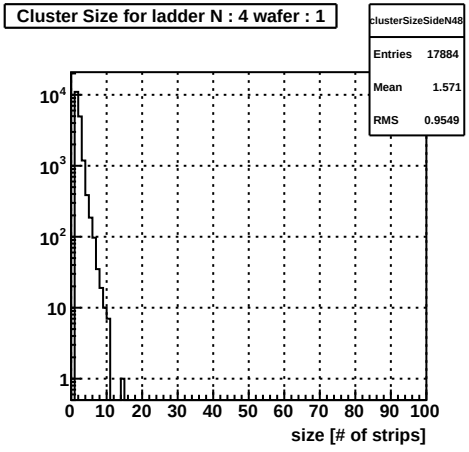

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 14295
Mean 1.575
RMS 0.8089
size [# of strips]

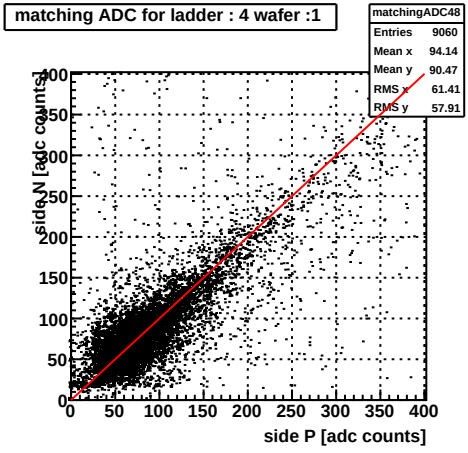

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 6920
Mean x 89.56
Mean y 108.4
RMS x 57.62
RMS y 62.75
side N [adc counts]
side P [adc counts]

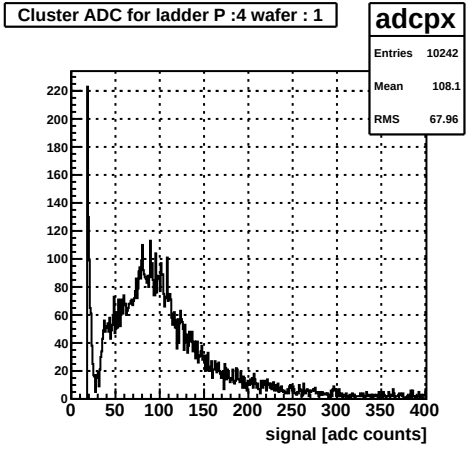

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 11521
Mean 65.5
RMS 50.17
signal [adc counts]

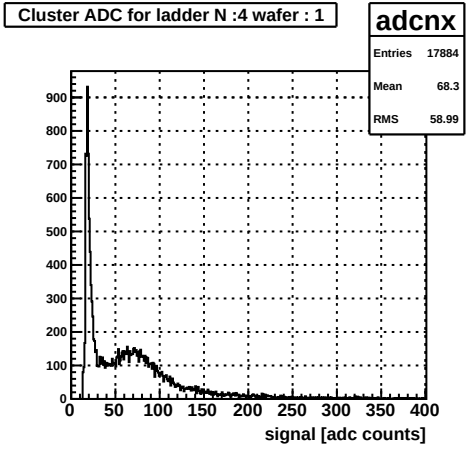

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 14295
Mean 83.07
RMS 65.07
signal [adc counts]

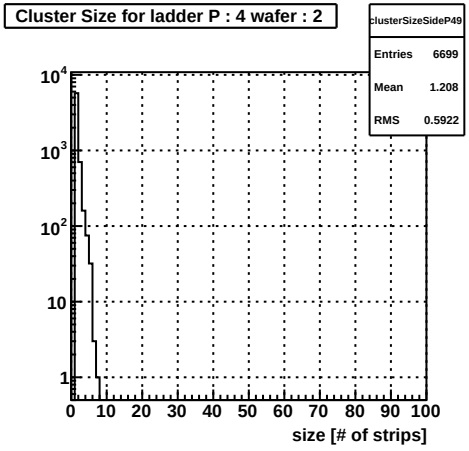

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 10242
Mean 1.253
RMS 0.5501
size [# of strips]

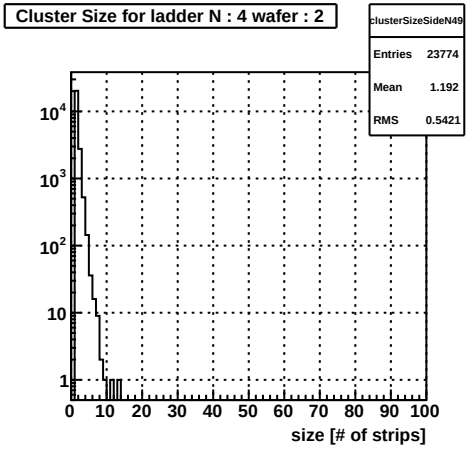

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 17884
Mean 1.571
RMS 0.9549
size [# of strips]

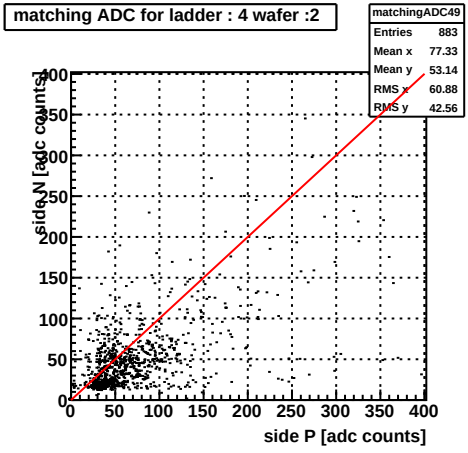

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 9060
Mean x 94.14
Mean y 90.47
RMS x 61.41
RMS y 57.91
side N [adc counts]
side P [adc counts]

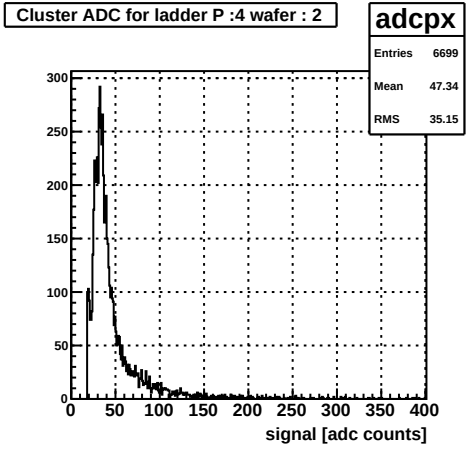

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 10242
Mean 108.1
RMS 67.96
signal [adc counts]

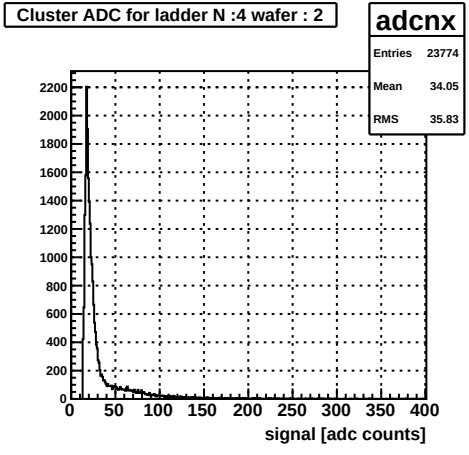

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 17884
Mean 68.3
RMS 58.99
signal [adc counts]

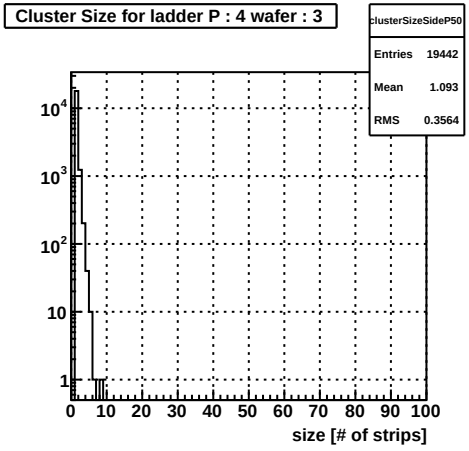

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6699
Mean 1.208
RMS 0.5922
size [# of strips]

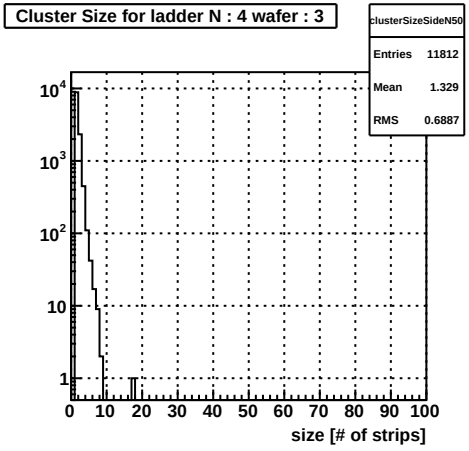

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 23774
Mean 1.192
RMS 0.5421
size [# of strips]

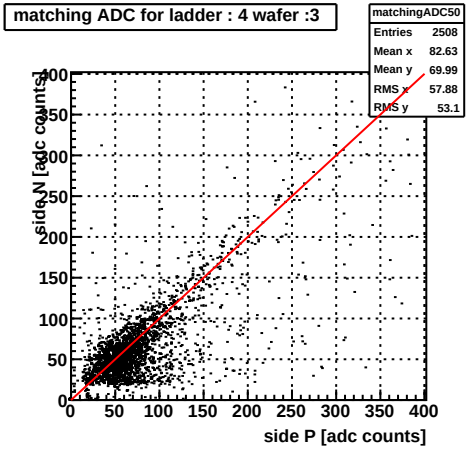

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 883
Mean x 77.33
Mean y 53.14
RMS x 60.88
RMS y 42.56
side N [adc counts]
side P [adc counts]

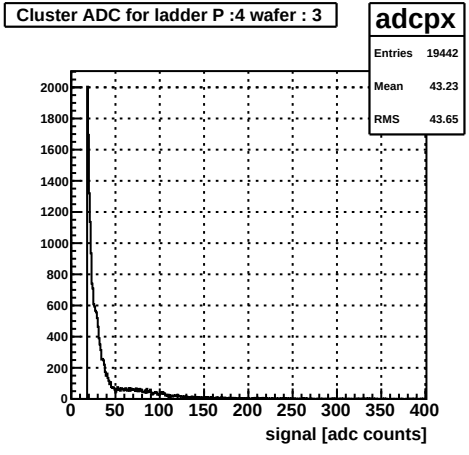

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6699
Mean 47.34
RMS 35.15
signal [adc counts]

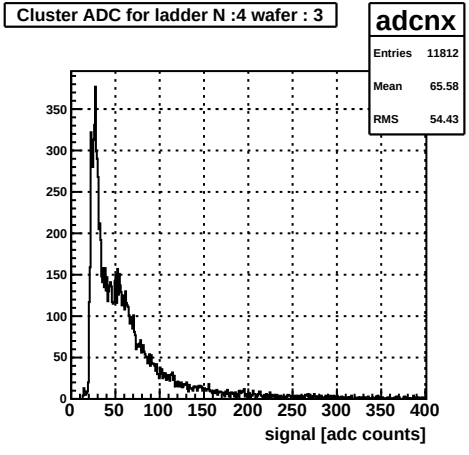

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 23774
Mean 34.05
RMS 35.83
signal [adc counts]

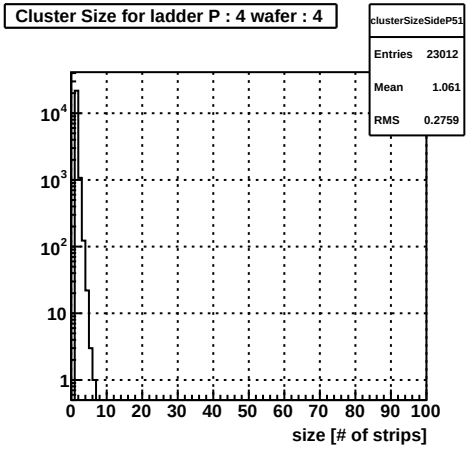

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 19442
Mean 1.093
RMS 0.3564
size [# of strips]

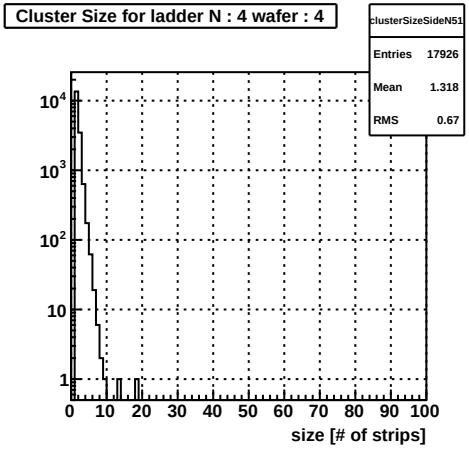

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 11812
Mean 1.329
RMS 0.6887
size [# of strips]

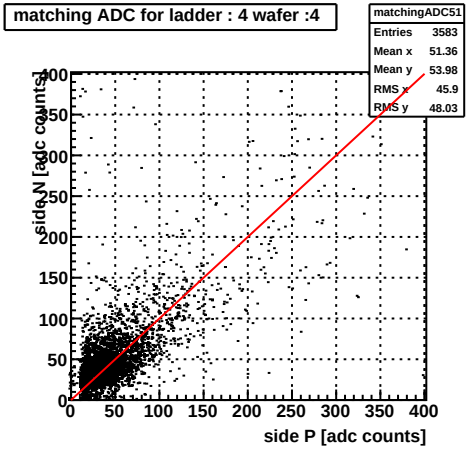

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2508
Mean x 82.63
Mean y 69.99
RMS x 57.88
RMS y 53.1
side N [adc counts]
side P [adc counts]

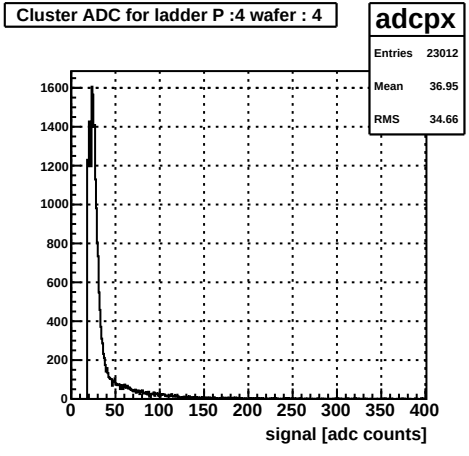

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 19442
Mean 43.23
RMS 43.65
signal [adc counts]

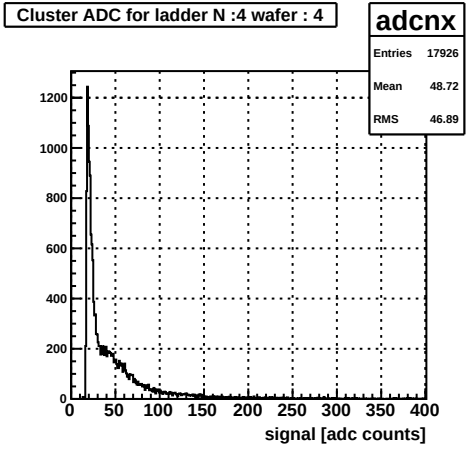

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 11812
Mean 65.58
RMS 54.43
signal [adc counts]

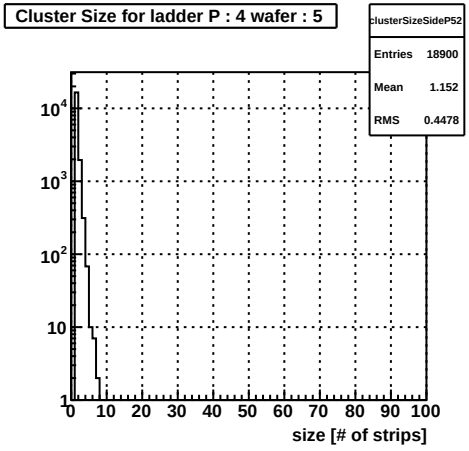

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 23012
Mean 1.061
RMS 0.2759
size [# of strips]

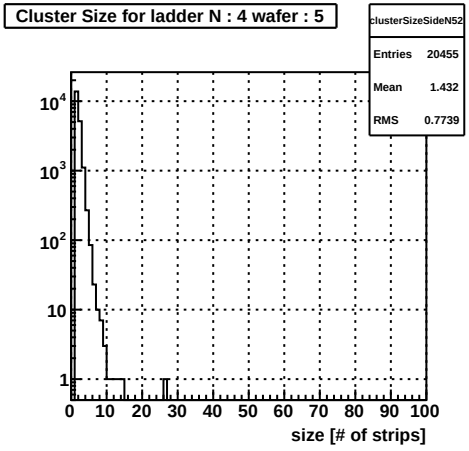

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 17926
Mean 1.318
RMS 0.67
size [# of strips]

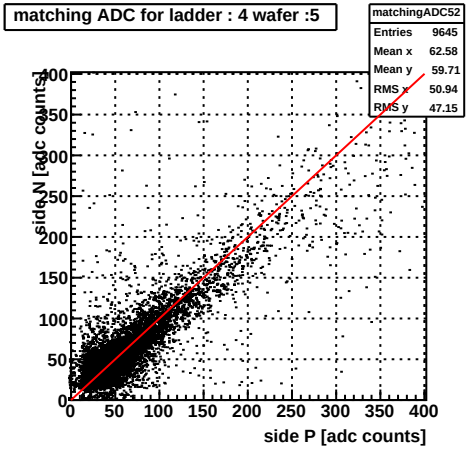

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 3583
Mean x 51.36
Mean y 53.98
RMS x 45.9
RMS y 48.03
side N [adc counts]
side P [adc counts]

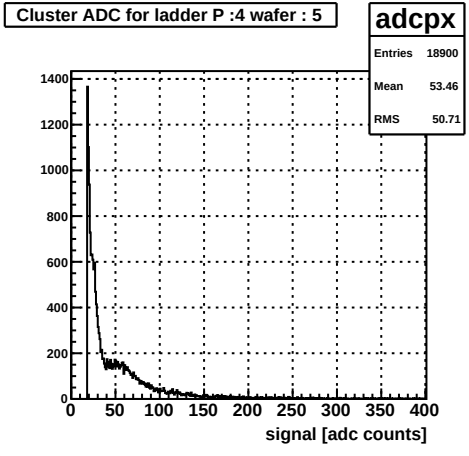

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 23012
Mean 36.95
RMS 34.66
signal [adc counts]

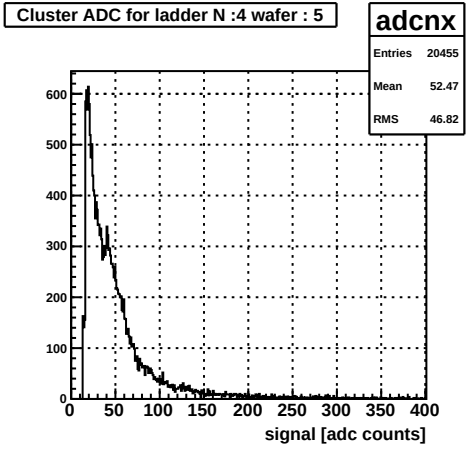

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 17926
Mean 48.72
RMS 46.89
signal [adc counts]

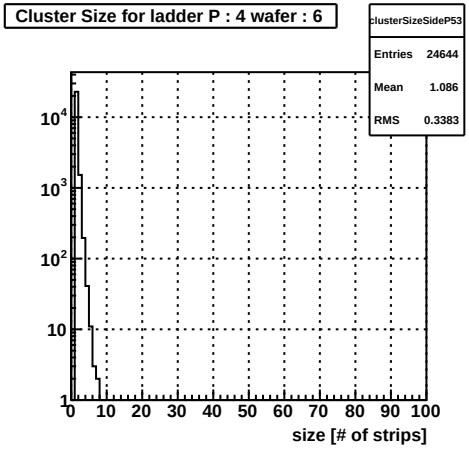

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 18900
Mean 1.152
RMS 0.4478
size [# of strips]

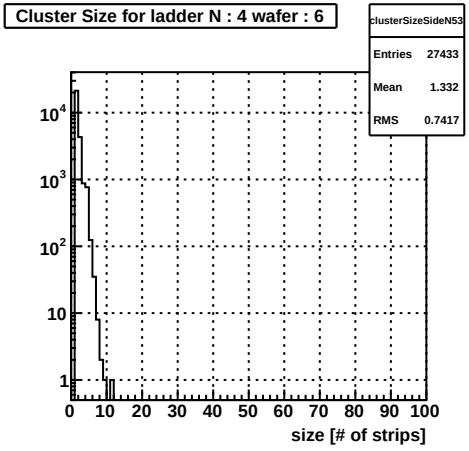

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 20455
Mean 1.432
RMS 0.7739
size [# of strips]

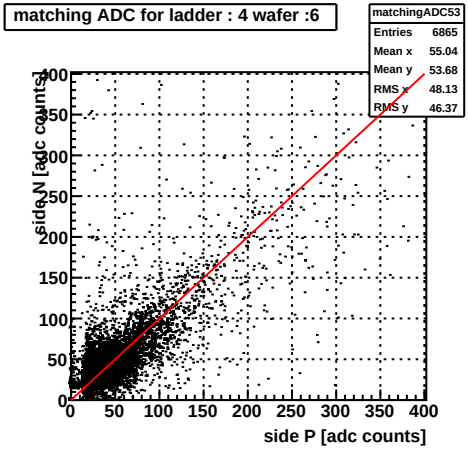

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 9645
Mean x 62.58
Mean y 59.71
RMS x 50.94
RMS y 47.15
side N [adc counts]
side P [adc counts]

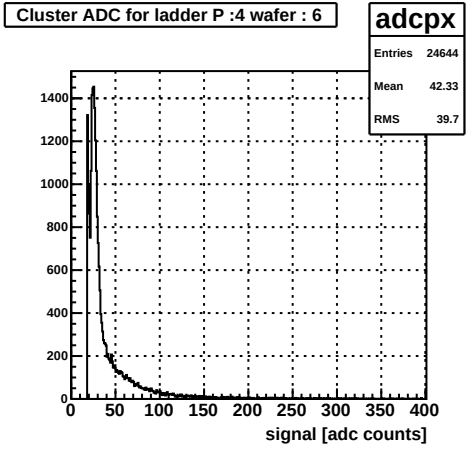

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 18900
Mean 53.46
RMS 50.71
signal [adc counts]

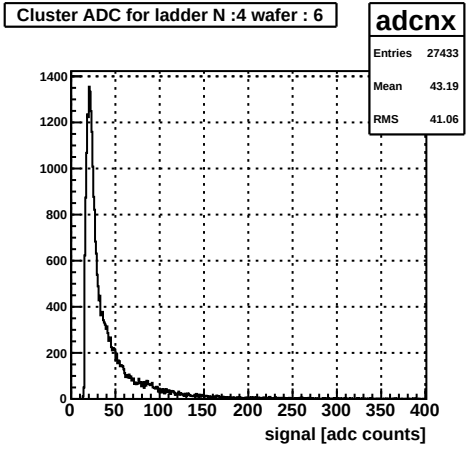

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 20455
Mean 52.47
RMS 46.82
signal [adc counts]

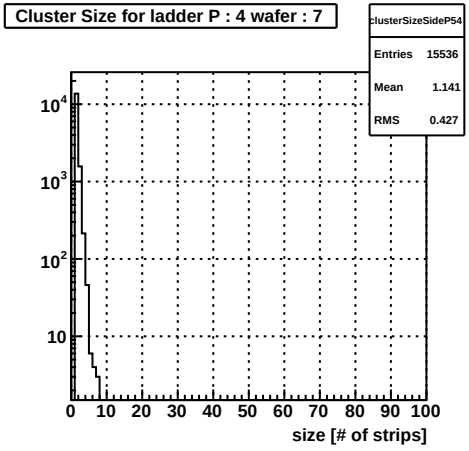

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 24644
Mean 1.086
RMS 0.3383
size [# of strips]

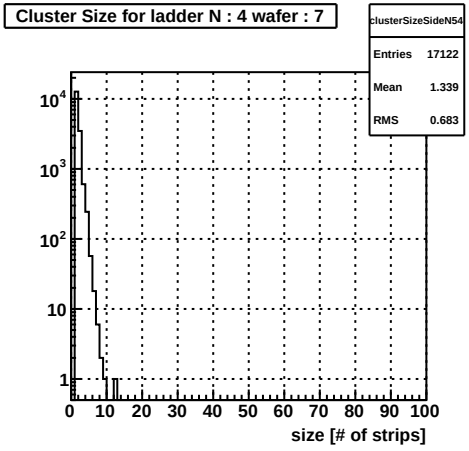

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 27433
Mean 1.332
RMS 0.7417
size [# of strips]

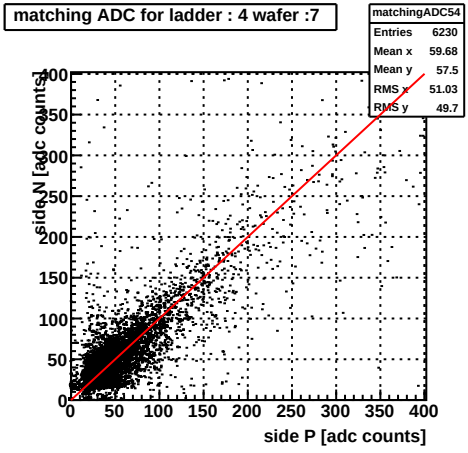

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 6865
Mean x 55.04
Mean y 53.68
RMS x 48.13
RMS y 46.37
side N [adc counts]
side P [adc counts]

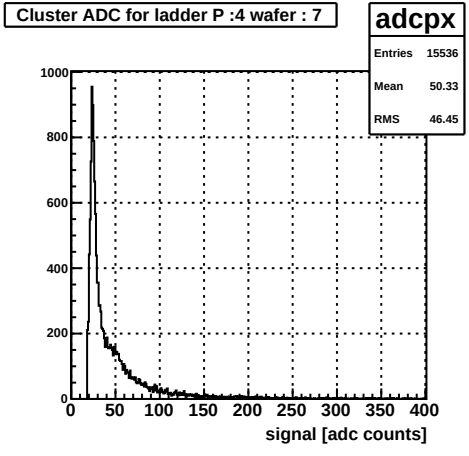

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 24644
Mean 42.33
RMS 39.7
signal [adc counts]

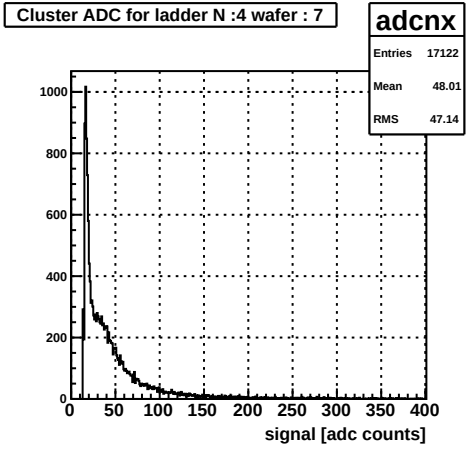

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 27433
Mean 43.19
RMS 41.06
signal [adc counts]

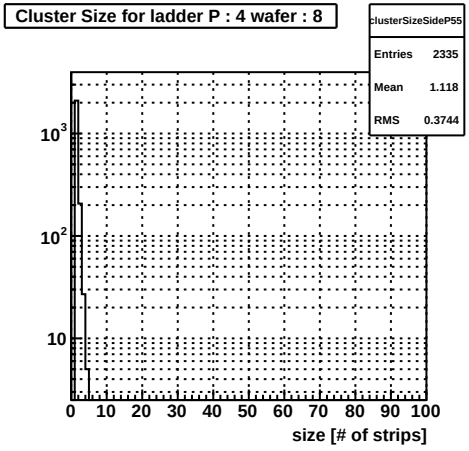

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 15536
Mean 1.141
RMS 0.427
size [# of strips]

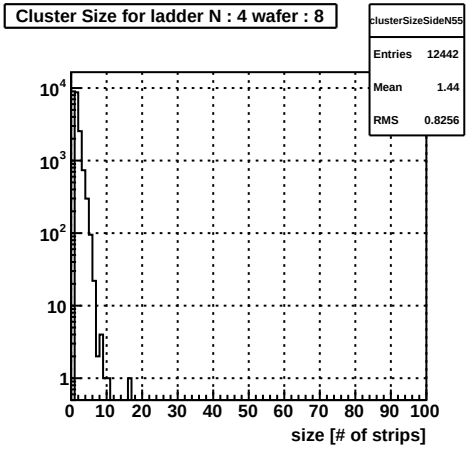

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 17122
Mean 1.339
RMS 0.683
size [# of strips]

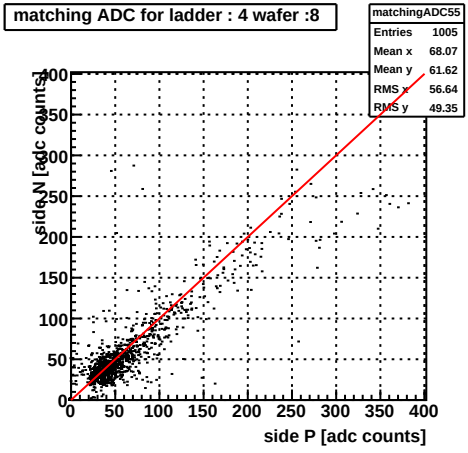

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 6230
Mean x 59.68
Mean y 57.5
RMS x 51.03
RMS y 49.7
side N [adc counts]
side P [adc counts]

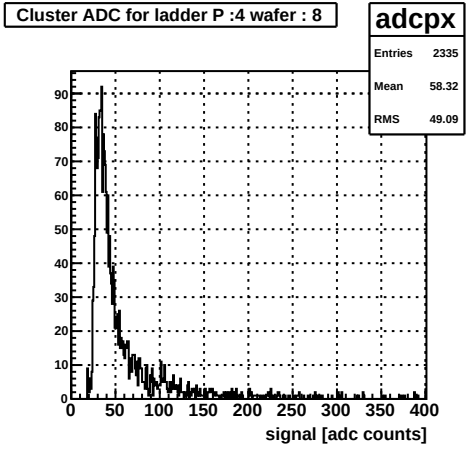

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 15536
Mean 50.33
RMS 46.45
signal [adc counts]

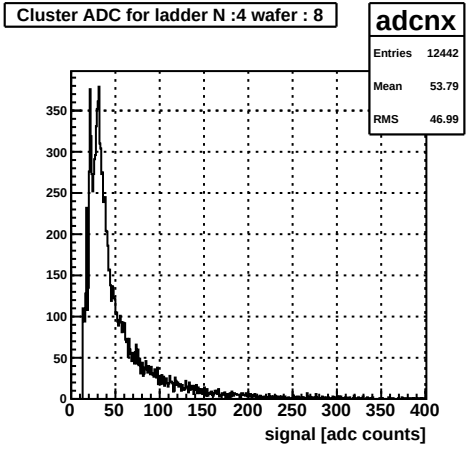

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 17122
Mean 48.01
RMS 47.14
signal [adc counts]

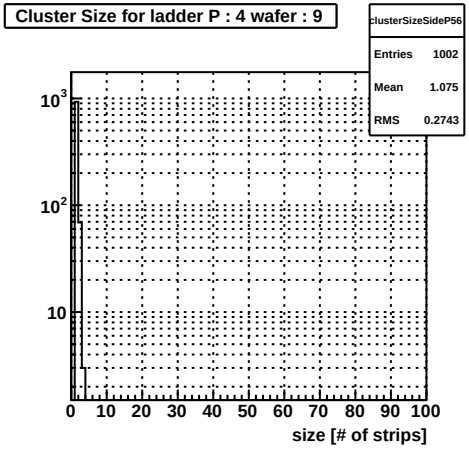

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2335
Mean 1.118
RMS 0.3744
size [# of strips]

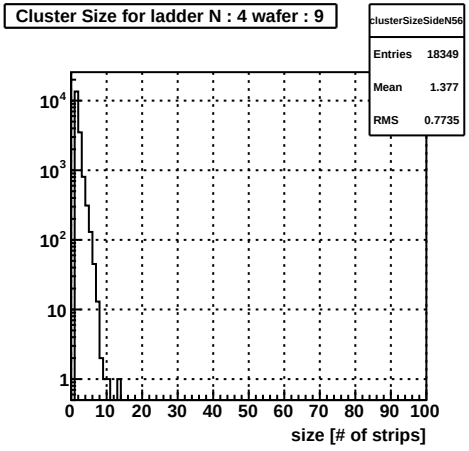

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 12442
Mean 1.44
RMS 0.8256
size [# of strips]

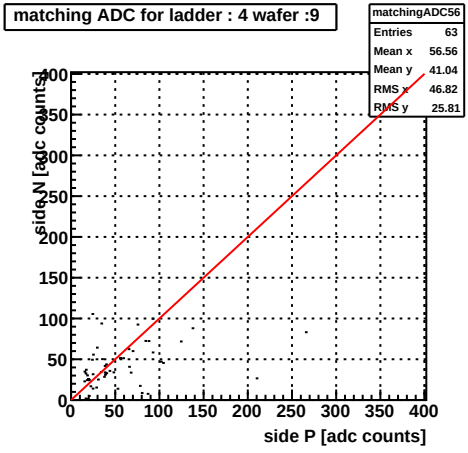

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 1005
Mean x 68.07
Mean y 61.62
RMS x 56.64
RMS y 49.35
side N [adc counts]
side P [adc counts]

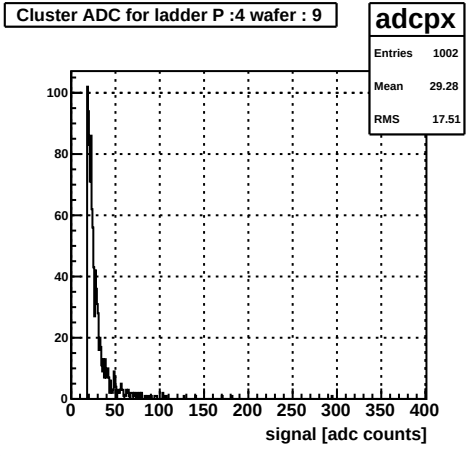

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2335
Mean 58.32
RMS 49.09
signal [adc counts]

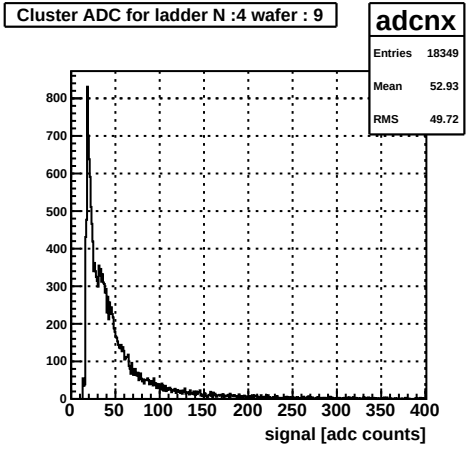

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 12442
Mean 53.79
RMS 46.99
signal [adc counts]

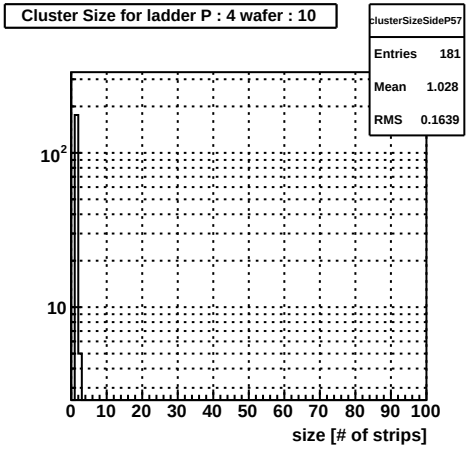

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1002
Mean 1.075
RMS 0.2743
size [# of strips]

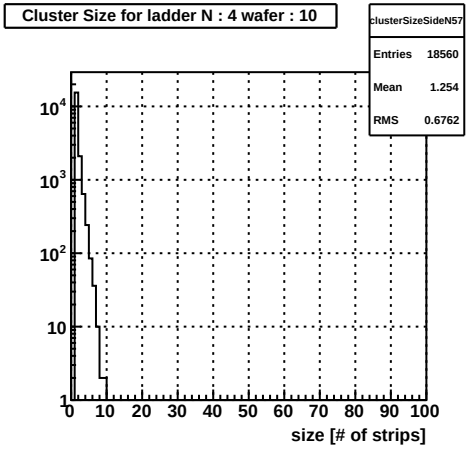

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 18349
Mean 1.377
RMS 0.7735
size [# of strips]

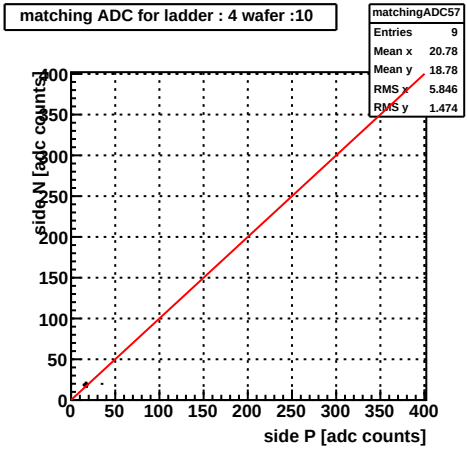

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 63
Mean x 56.56
Mean y 41.04
RMS x 46.82
RMS y 25.81
side N [adc counts]
side P [adc counts]

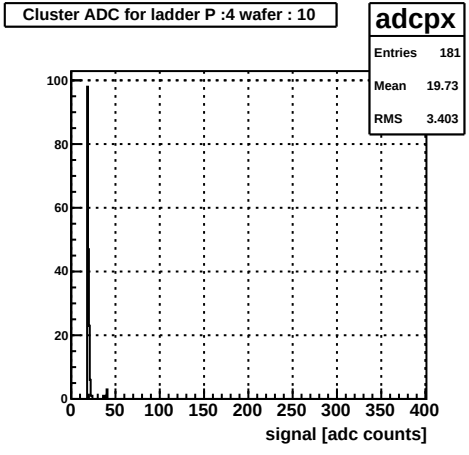

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1002
Mean 29.28
RMS 17.51
signal [adc counts]

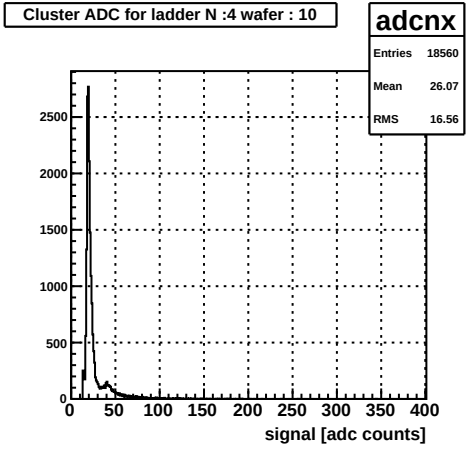

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 18349
Mean 52.93
RMS 49.72
signal [adc counts]

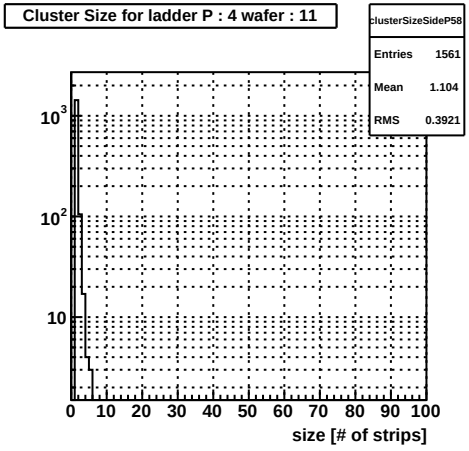

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 181
Mean 1.028
RMS 0.1639
size [# of strips]

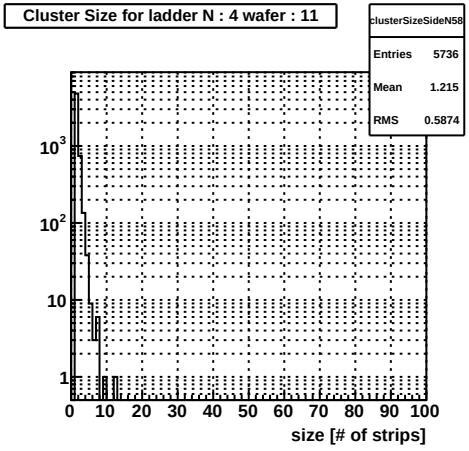

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 18560
Mean 1.254
RMS 0.6762
size [# of strips]

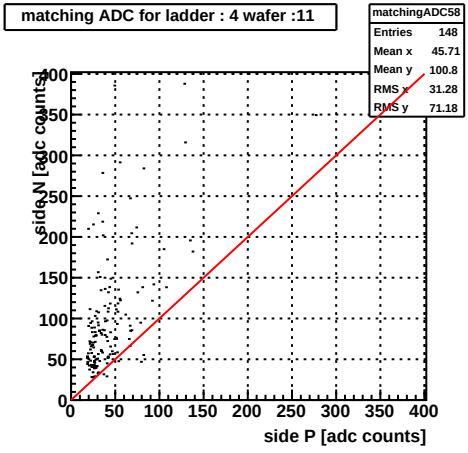

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 9
Mean x 20.78
Mean y 18.78
RMS x 5.846
RMS y 1.474
side N [adc counts]
side P [adc counts]

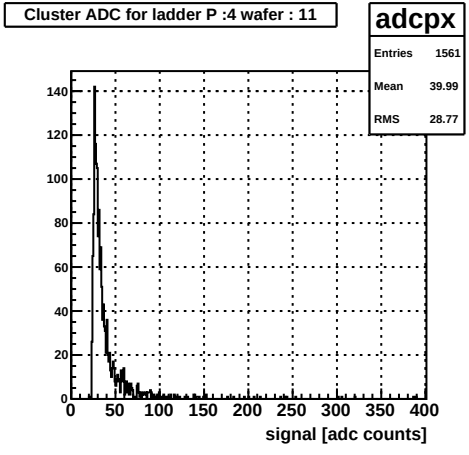

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 181
Mean 19.73
RMS 3.403
signal [adc counts]

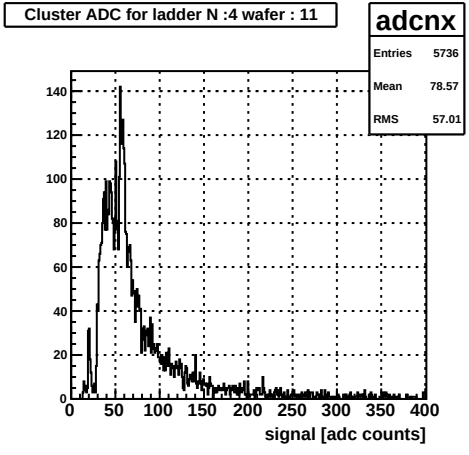

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 18560
Mean 26.07
RMS 16.56
signal [adc counts]

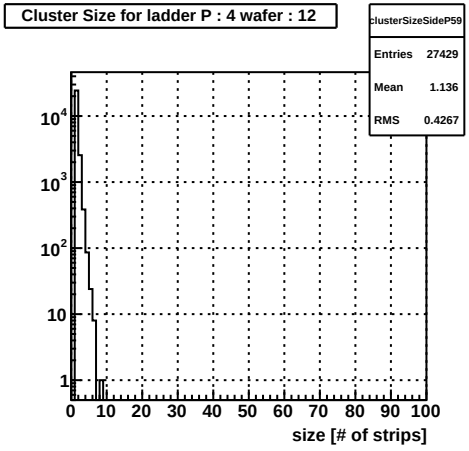

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1561
Mean 1.104
RMS 0.3921
size [# of strips]

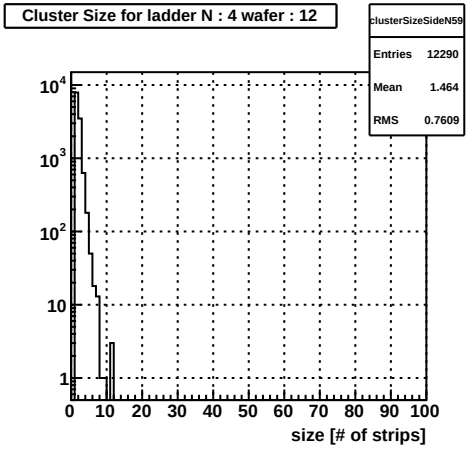

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 5736
Mean 1.215
RMS 0.5874
size [# of strips]

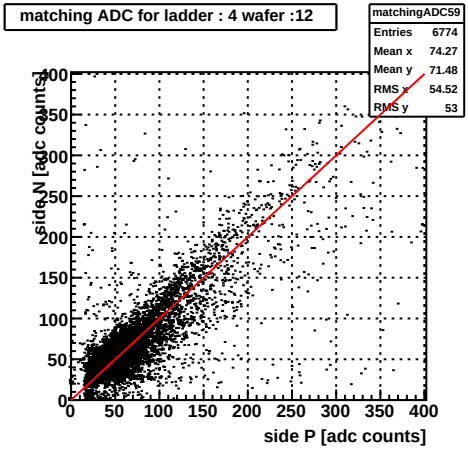

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 148
Mean x 45.71
Mean y 100.8
RMS x 31.28
RMS y 71.18
side N [adc counts]
side P [adc counts]

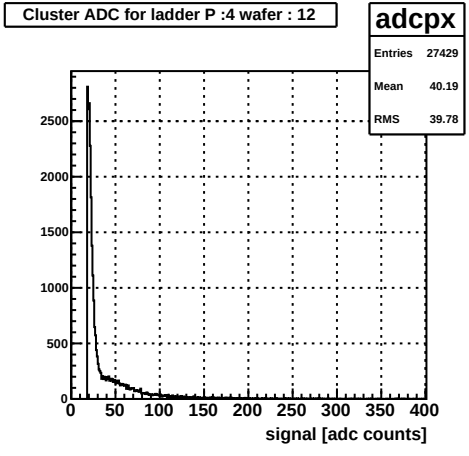

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1561
Mean 39.99
RMS 28.77
signal [adc counts]

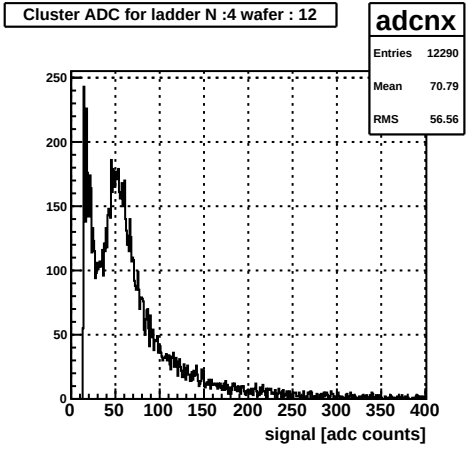

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 5736
Mean 78.57
RMS 57.01
signal [adc counts]

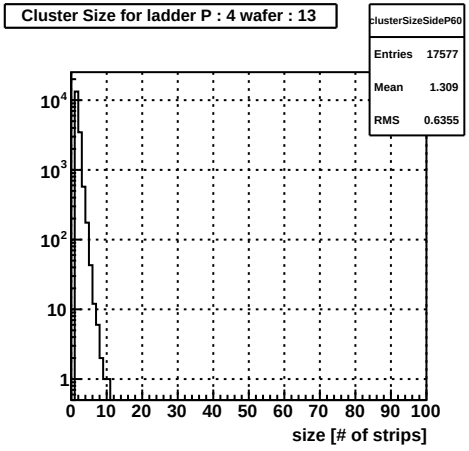

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 27429
Mean 1.136
RMS 0.4267
size [# of strips]

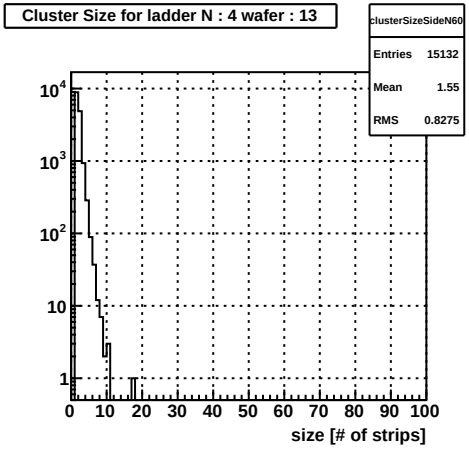

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 12290
Mean 1.464
RMS 0.7609
size [# of strips]

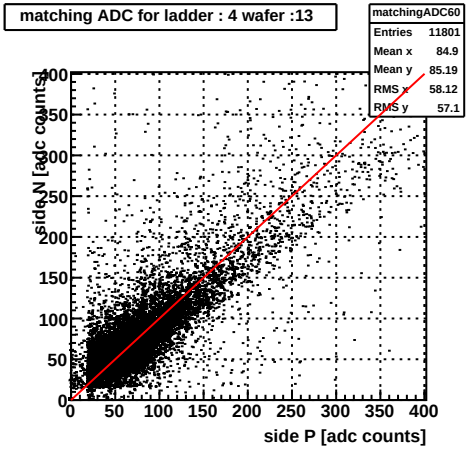

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 6774
Mean x 74.27
Mean y 71.48
RMS x 54.52
RMS y 53
side N [adc counts]
side P [adc counts]

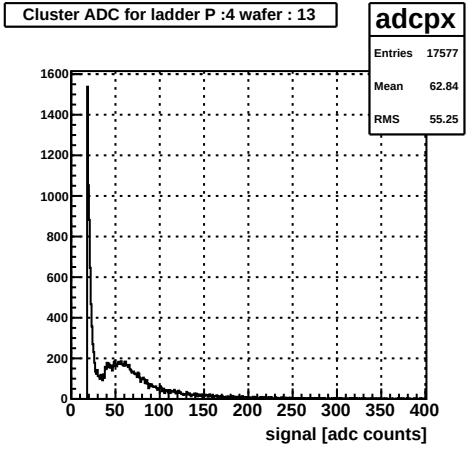

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 27429
Mean 40.19
RMS 39.78
signal [adc counts]

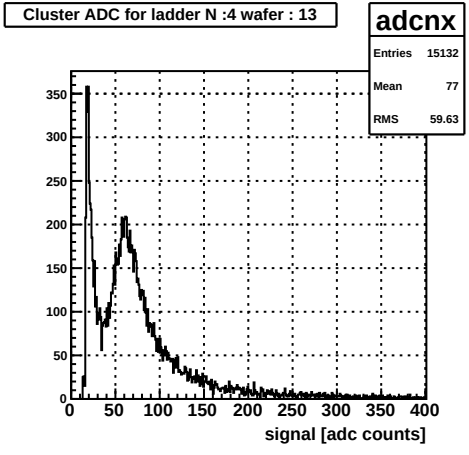

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 12290
Mean 70.79
RMS 56.56
signal [adc counts]

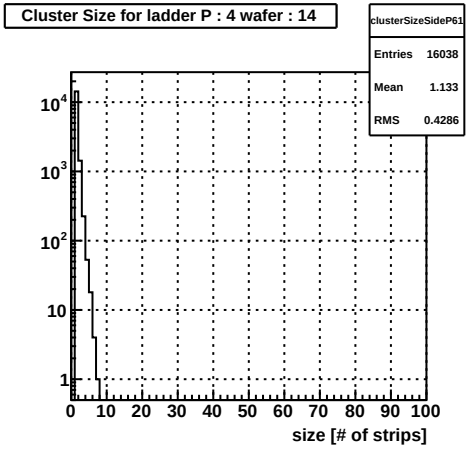

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 17577
Mean 1.309
RMS 0.6355
size [# of strips]

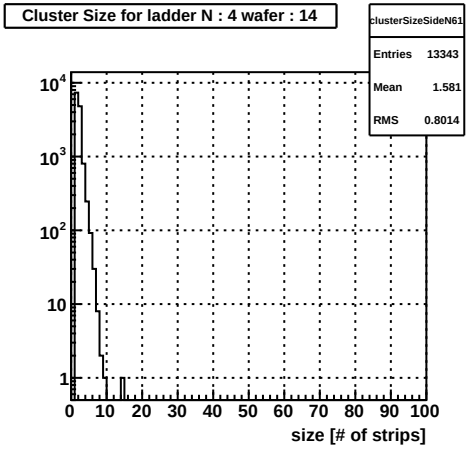

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 15132
Mean 1.55
RMS 0.8275
size [# of strips]

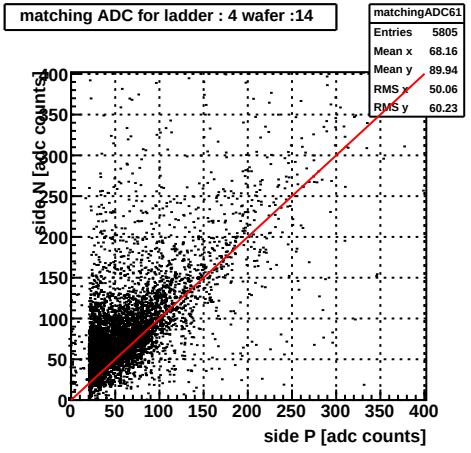

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 11801
Mean x 84.9
Mean y 85.19
RMS x 58.12
RMS y 57.1
side N [adc counts]
side P [adc counts]

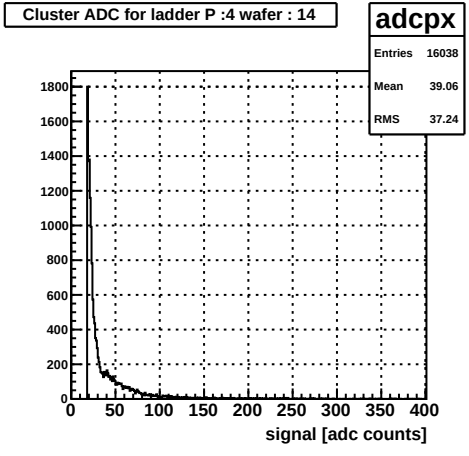

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 17577
Mean 62.84
RMS 55.25
signal [adc counts]

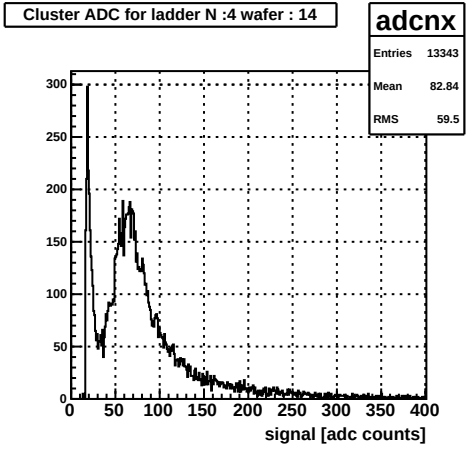

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 15132
Mean 77
RMS 59.63
signal [adc counts]

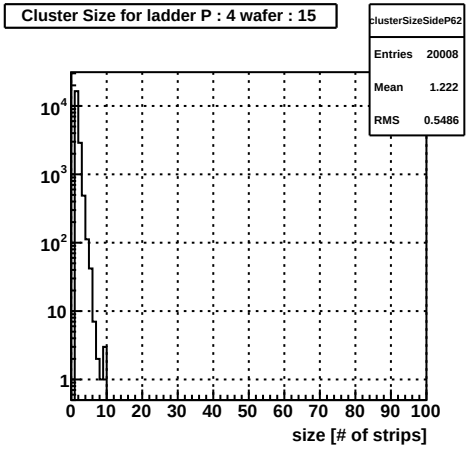

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 16038
Mean 1.133
RMS 0.4286
size [# of strips]

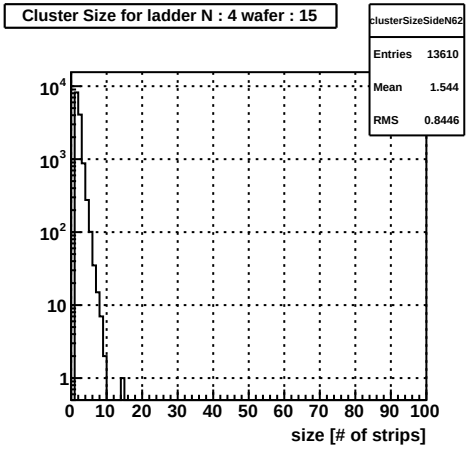

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 13343
Mean 1.581
RMS 0.8014
size [# of strips]

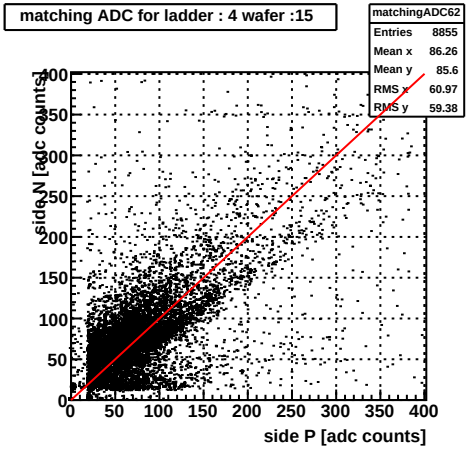

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5805
Mean x 68.16
Mean y 89.94
RMS x 50.06
RMS y 60.23
side N [adc counts]
side P [adc counts]

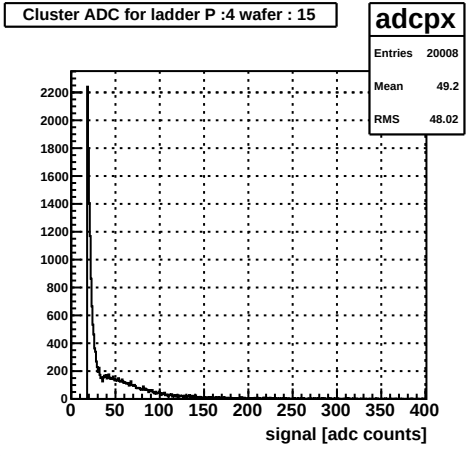

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 16038
Mean 39.06
RMS 37.24
signal [adc counts]

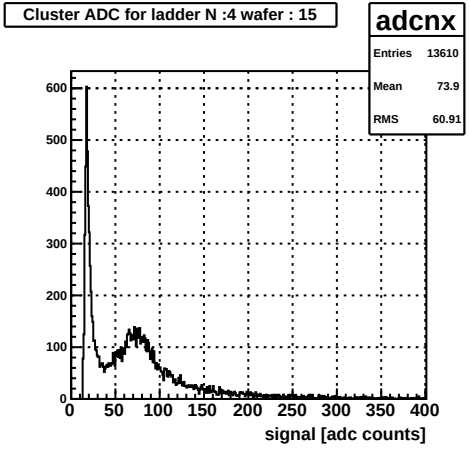

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 13343
Mean 82.84
RMS 59.5
signal [adc counts]

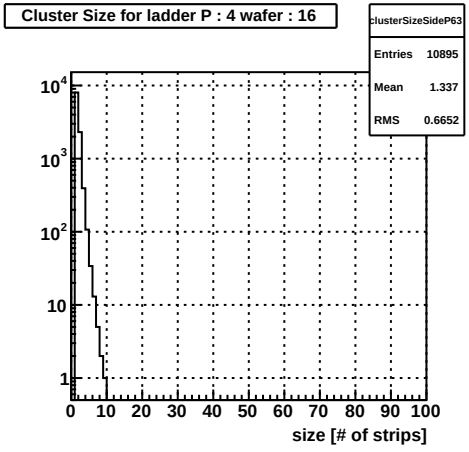

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 20008
Mean 1.222
RMS 0.5486
size [# of strips]

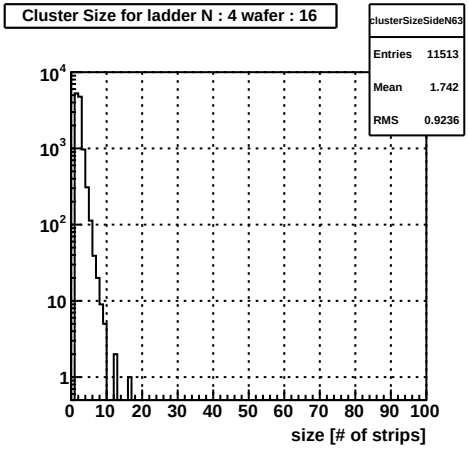

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 13610
Mean 1.544
RMS 0.8446
size [# of strips]

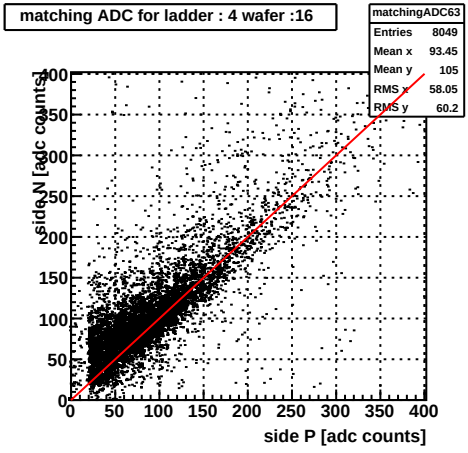

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 8855
Mean x 86.26
Mean y 85.6
RMS x 60.97
RMS y 59.38
side N [adc counts]
side P [adc counts]

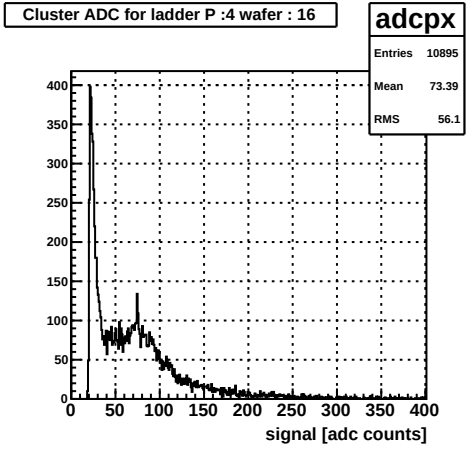

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 20008
Mean 49.2
RMS 48.02
signal [adc counts]

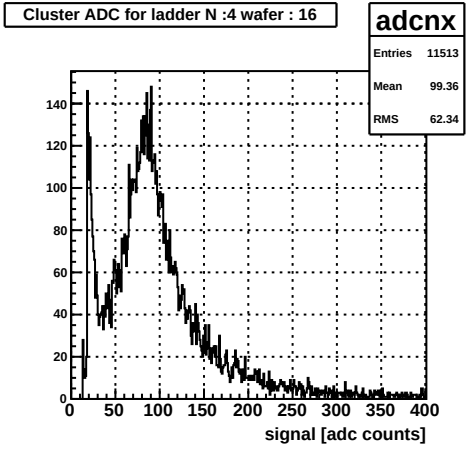

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 13610
Mean 73.9
RMS 60.91
signal [adc counts]

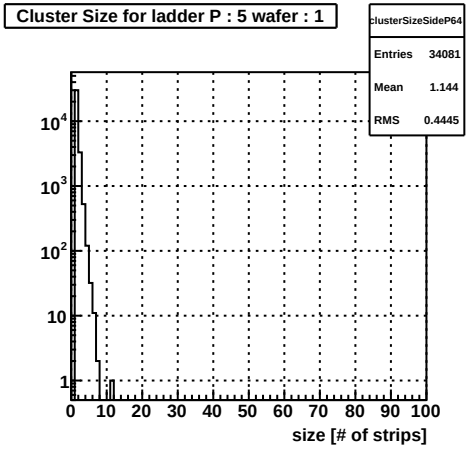

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 10895
Mean 1.337
RMS 0.6652
size [# of strips]

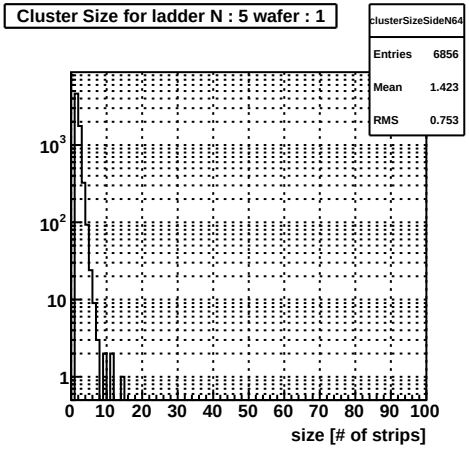

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 11513
Mean 1.742
RMS 0.9236
size [# of strips]

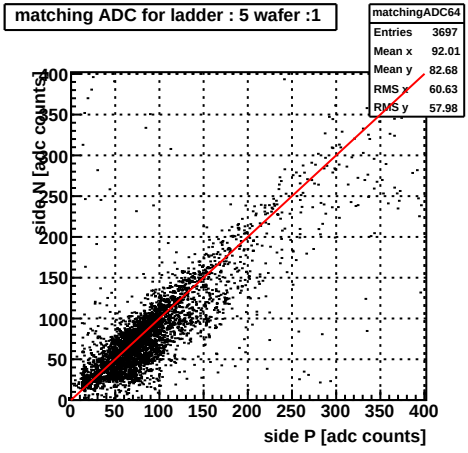

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 8049
Mean x 93.45
Mean y 105
RMS x 58.05
RMS y 60.2
side N [adc counts]
side P [adc counts]

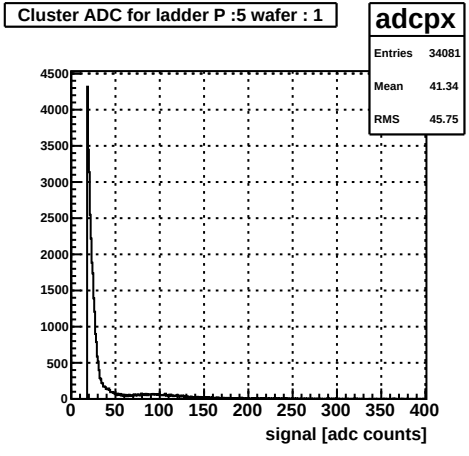

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 10895
Mean 73.39
RMS 56.1
signal [adc counts]

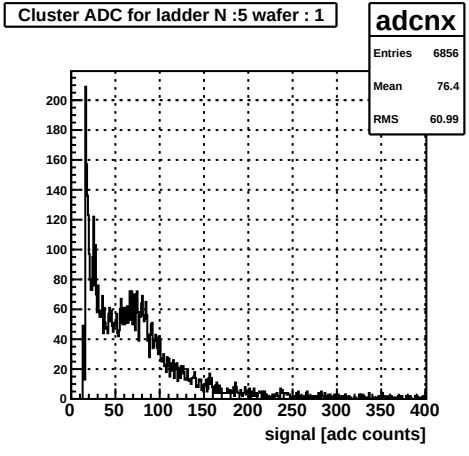

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 11513
Mean 99.36
RMS 62.34
signal [adc counts]

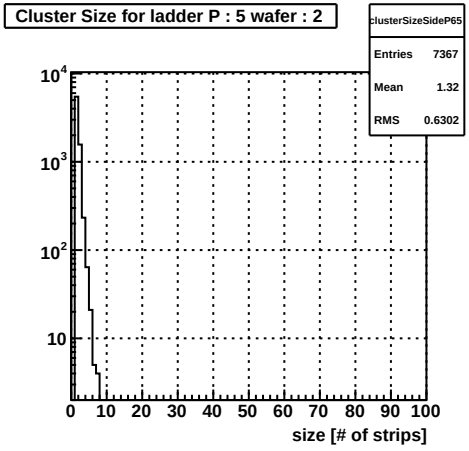

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 34081
Mean 1.144
RMS 0.4445
size [# of strips]

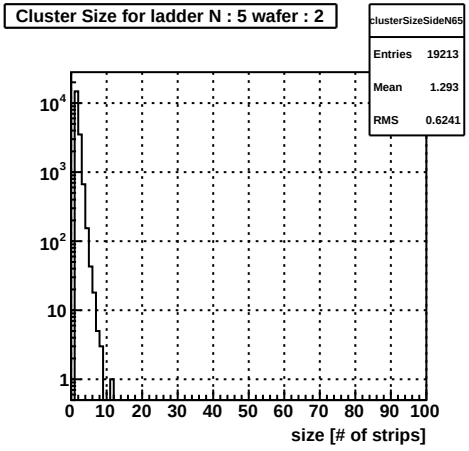

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 6856
Mean 1.423
RMS 0.753
size [# of strips]

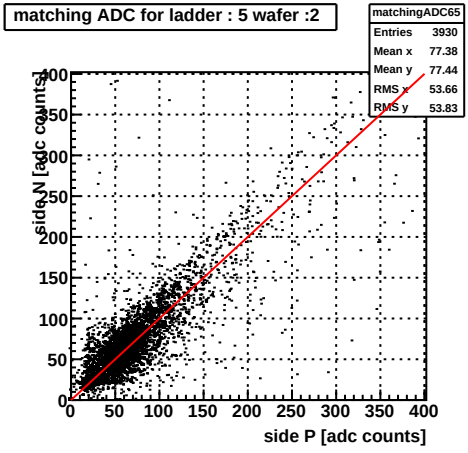

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3697
Mean x 92.01
Mean y 82.68
RMS x 60.63
RMS y 57.98
side N [adc counts]
side P [adc counts]

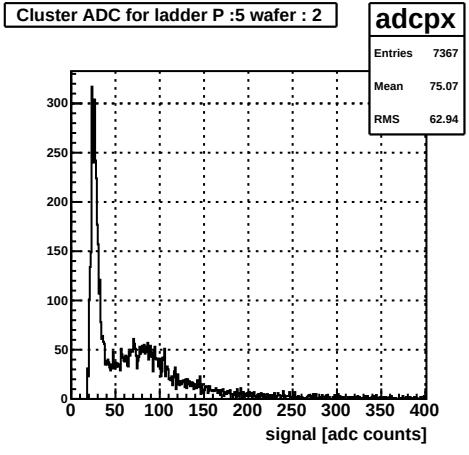

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 34081
Mean 41.34
RMS 45.75
signal [adc counts]

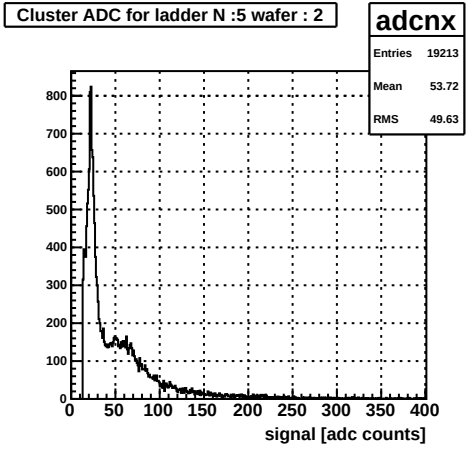

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 6856
Mean 76.4
RMS 60.99
signal [adc counts]

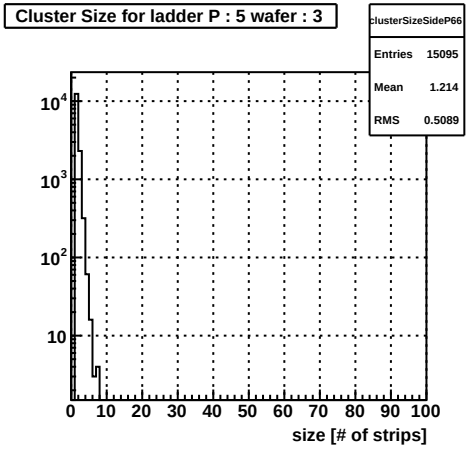

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 7367
Mean 1.32
RMS 0.6302
size [# of strips]

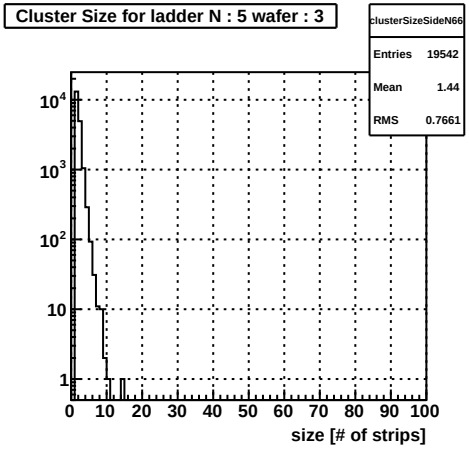

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 19213
Mean 1.293
RMS 0.6241
size [# of strips]

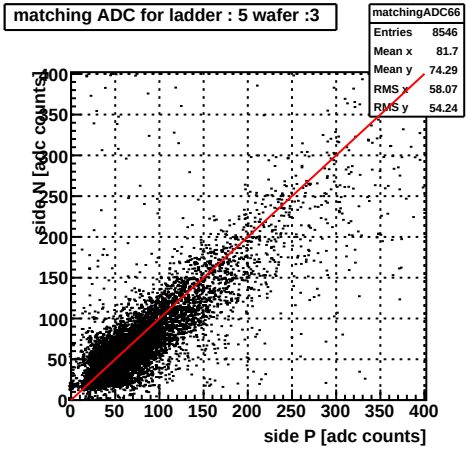

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3930
Mean x 77.38
Mean y 77.44
RMS x 53.66
RMS y 53.83
side N [adc counts]
side P [adc counts]

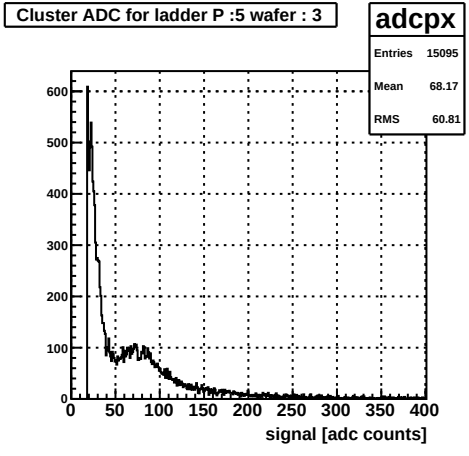

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 7367
Mean 75.07
RMS 62.94
signal [adc counts]

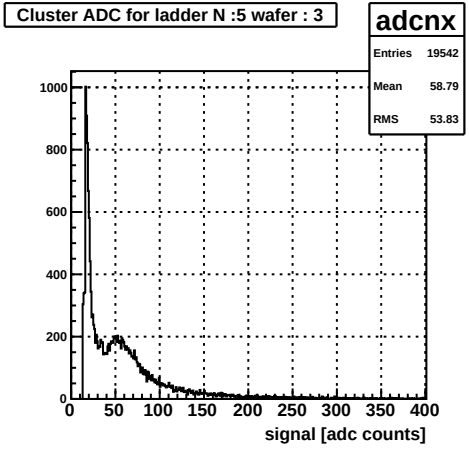

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 19213
Mean 53.72
RMS 49.63
signal [adc counts]

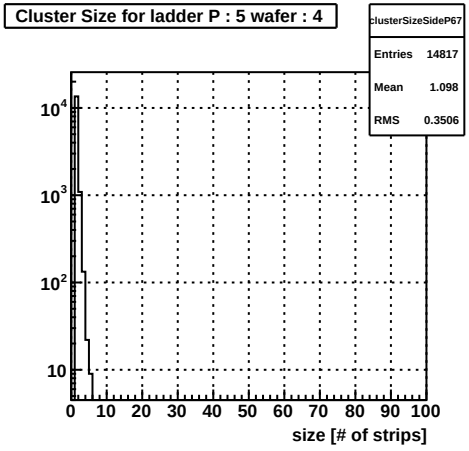

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 15095
Mean 1.214
RMS 0.5089
size [# of strips]

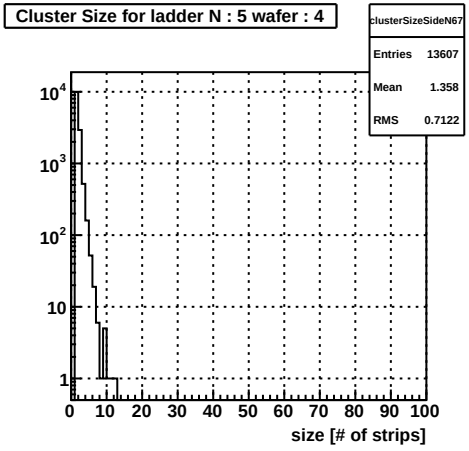

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 19542
Mean 1.44
RMS 0.7661
size [# of strips]

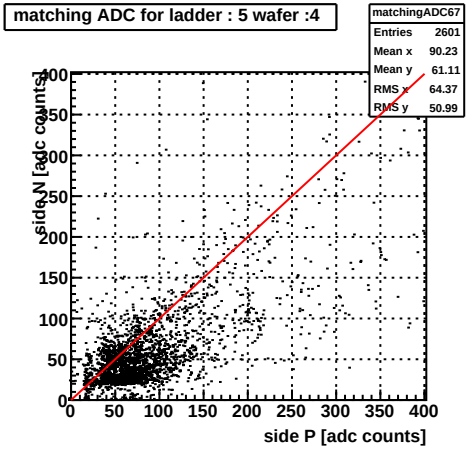

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 8546
Mean x 81.7
Mean y 74.29
RMS x 58.07
RMS y 54.24
side N [adc counts]
side P [adc counts]

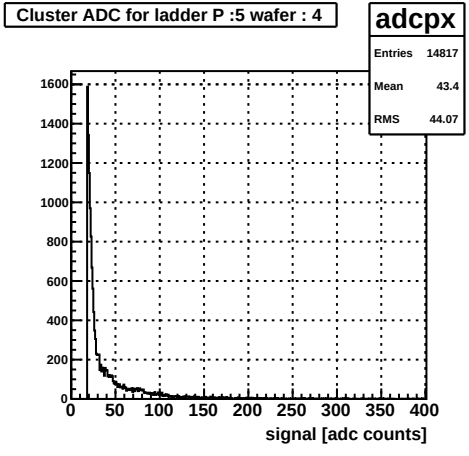

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 15095
Mean 68.17
RMS 60.81
signal [adc counts]

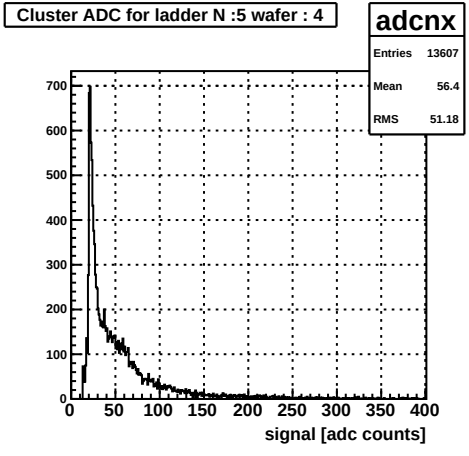

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 19542
Mean 58.79
RMS 53.83
signal [adc counts]

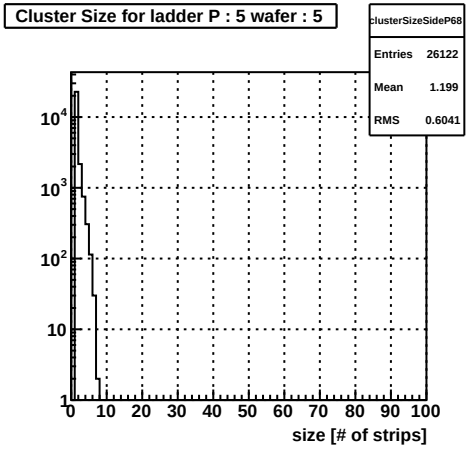

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 14817
Mean 1.098
RMS 0.3506
size [# of strips]

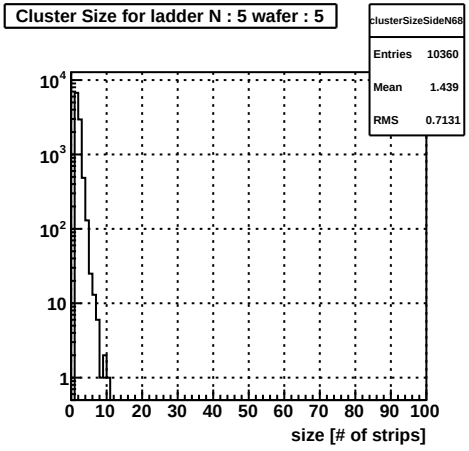

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 13607
Mean 1.358
RMS 0.7122
size [# of strips]

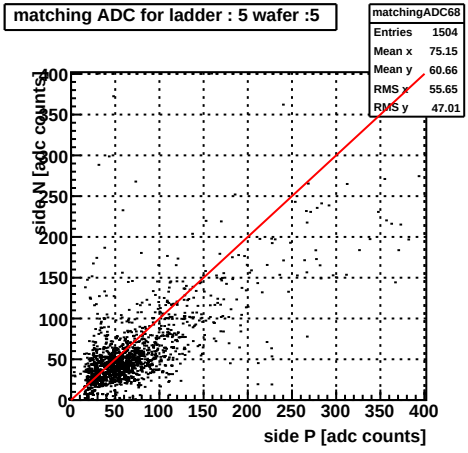

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2601
Mean x 90.23
Mean y 61.11
RMS x 64.37
RMS y 50.99
side N [adc counts]
side P [adc counts]

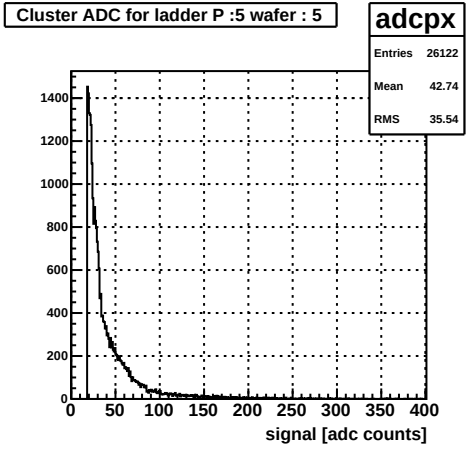

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 14817
Mean 43.4
RMS 44.07
signal [adc counts]

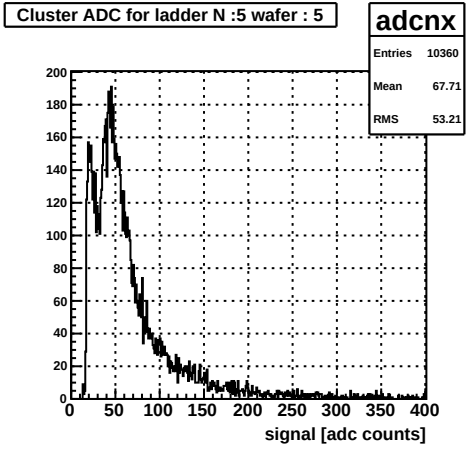

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 13607
Mean 56.4
RMS 51.18
signal [adc counts]

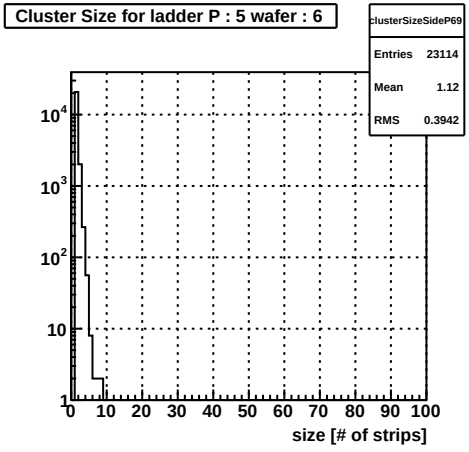

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 26122
Mean 1.199
RMS 0.6041
size [# of strips]

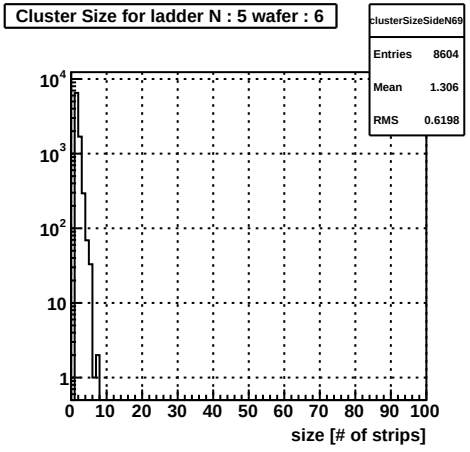

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 10360
Mean 1.439
RMS 0.7131
size [# of strips]

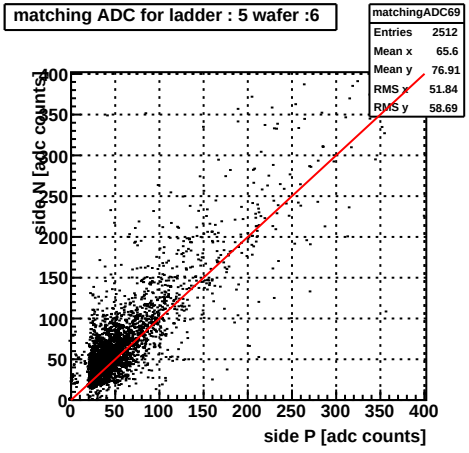

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1504
Mean x 75.15
Mean y 60.66
RMS x 55.65
RMS y 47.01
side N [adc counts]
side P [adc counts]

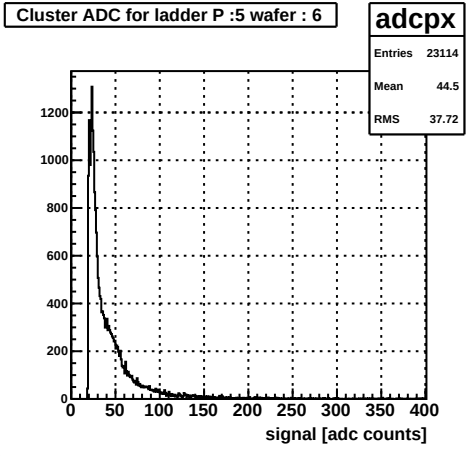

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 26122
Mean 42.74
RMS 35.54
signal [adc counts]

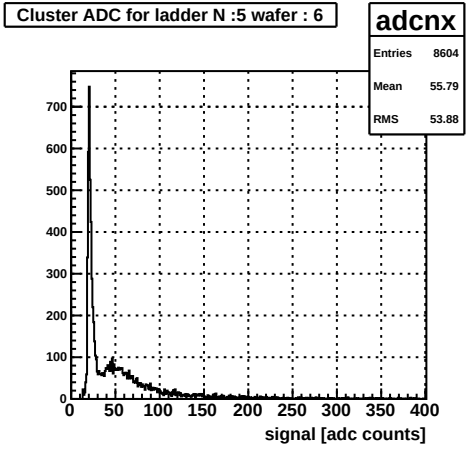

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 10360
Mean 67.71
RMS 53.21
signal [adc counts]

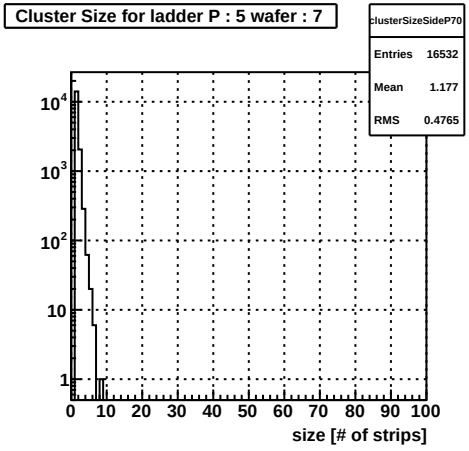

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 23114
Mean 1.12
RMS 0.3942
size [# of strips]

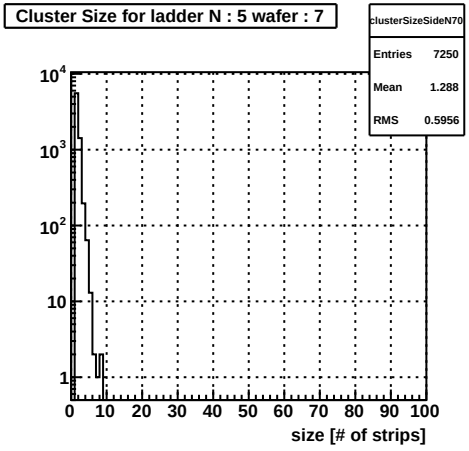

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 8604
Mean 1.306
RMS 0.6198
size [# of strips]

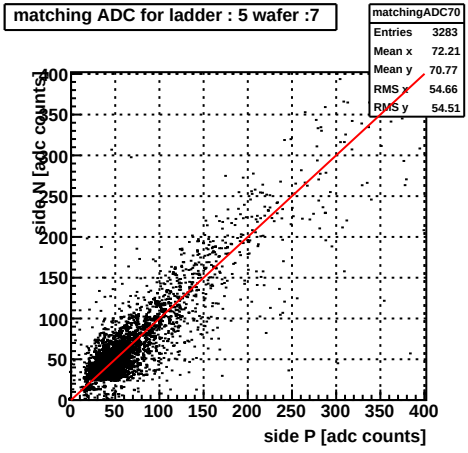

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2512
Mean x 65.6
Mean y 76.91
RMS x 51.84
RMS y 58.69
side N [adc counts]
side P [adc counts]

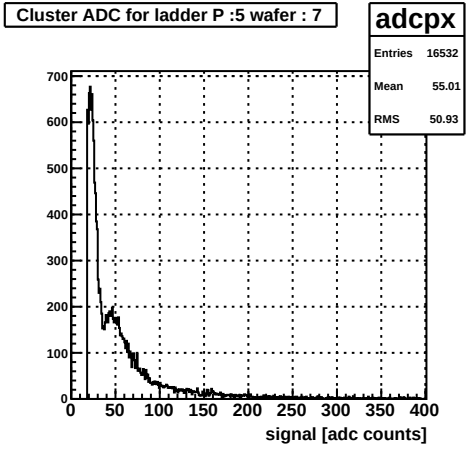

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 23114
Mean 44.5
RMS 37.72
signal [adc counts]

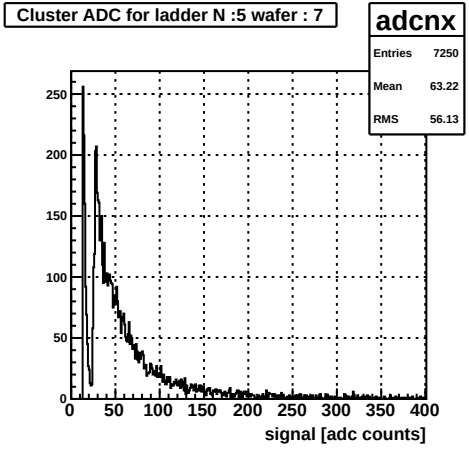

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 8604
Mean 55.79
RMS 53.88
signal [adc counts]

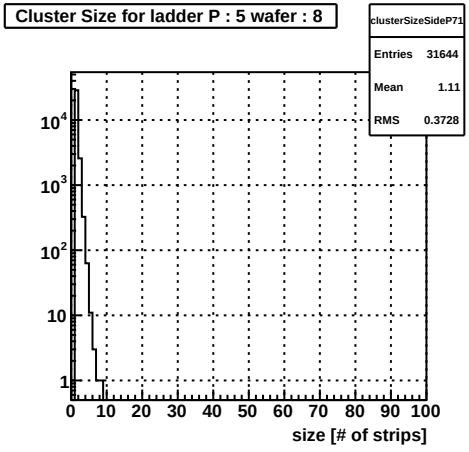

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 16532
Mean 1.177
RMS 0.4765
size [# of strips]

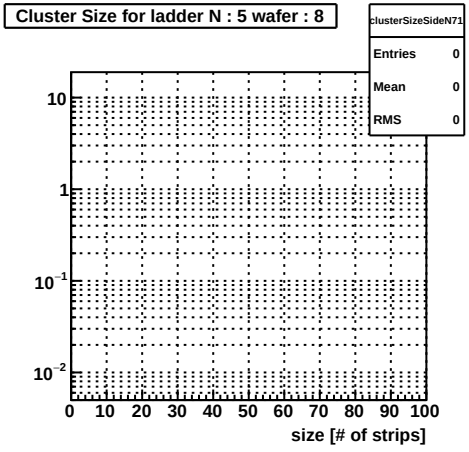

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 7250
Mean 1.288
RMS 0.5956
size [# of strips]

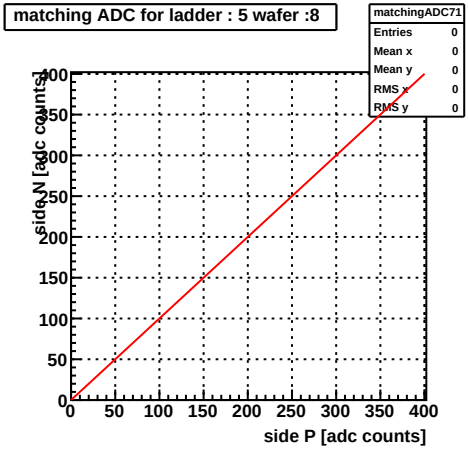

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3283
Mean x 72.21
Mean y 70.77
RMS x 54.66
RMS y 54.51
side N [adc counts]
side P [adc counts]

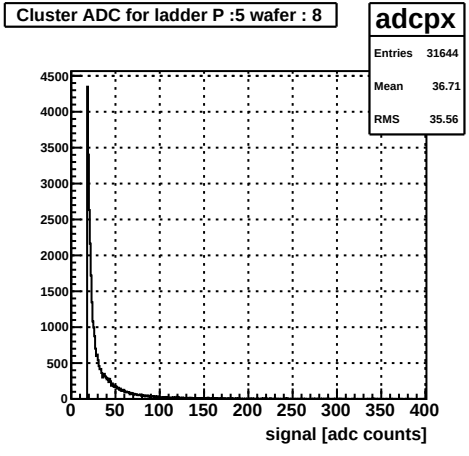

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 16532
Mean 55.01
RMS 50.93
signal [adc counts]

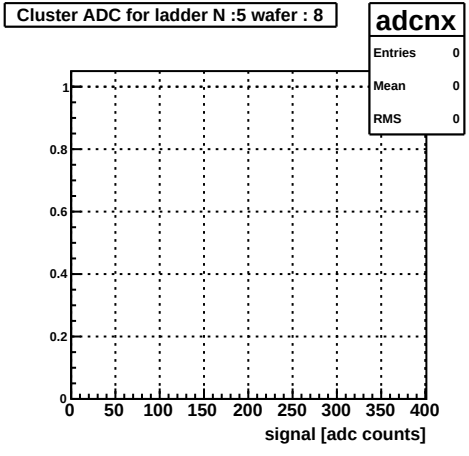

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 7250
Mean 63.22
RMS 56.13
signal [adc counts]

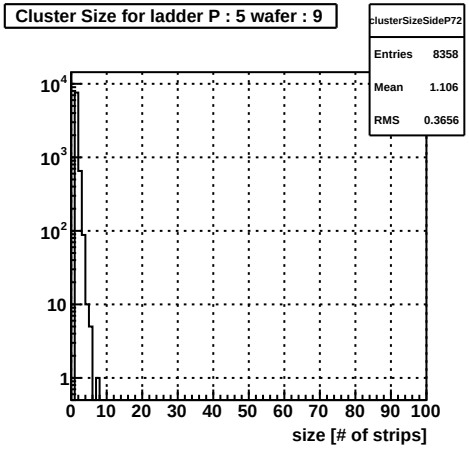

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 31644
Mean 1.11
RMS 0.3728
size [# of strips]

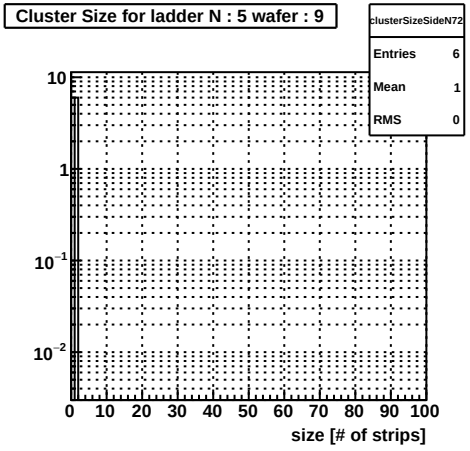

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

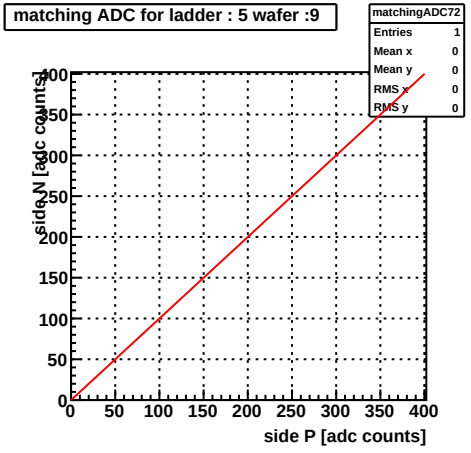

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

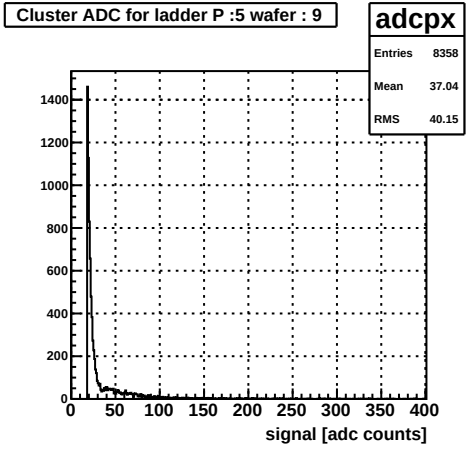

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 31644
Mean 36.71
RMS 35.56
signal [adc counts]

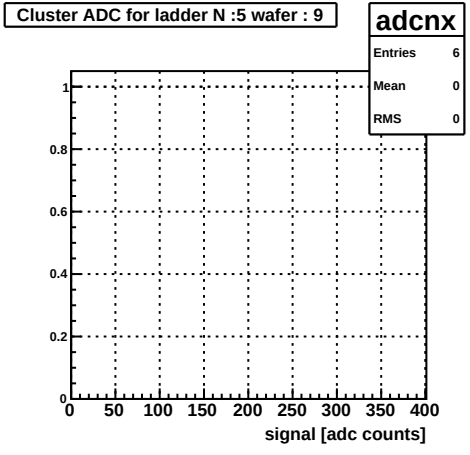

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

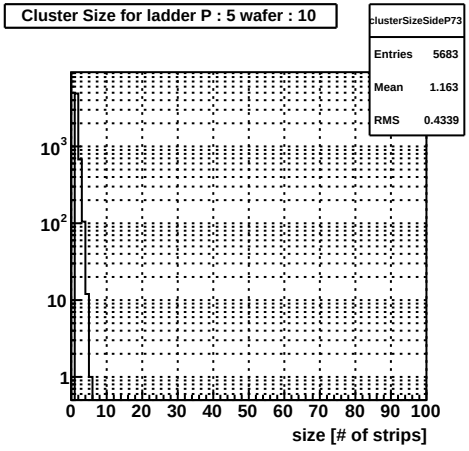

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8358
Mean 1.106
RMS 0.3656
size [# of strips]

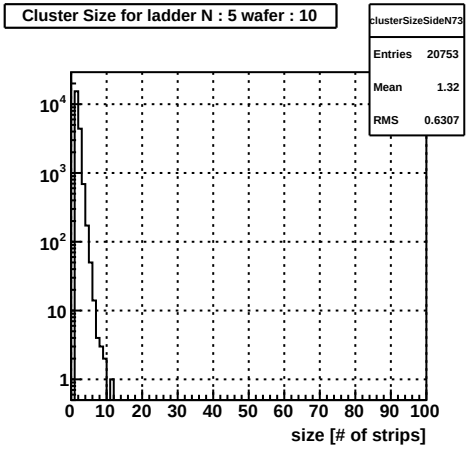

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 6
Mean 1
RMS 0
size [# of strips]

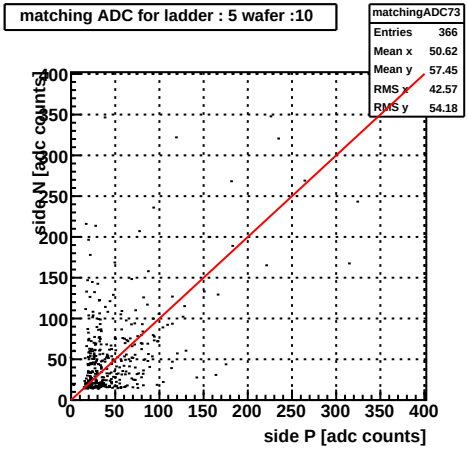

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

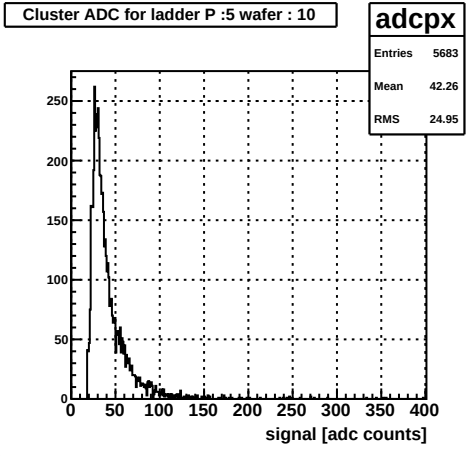

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8358
Mean 37.04
RMS 40.15
signal [adc counts]

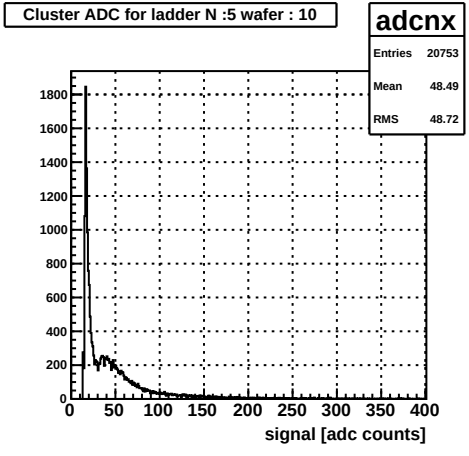

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 6
Mean 0
RMS 0
signal [adc counts]

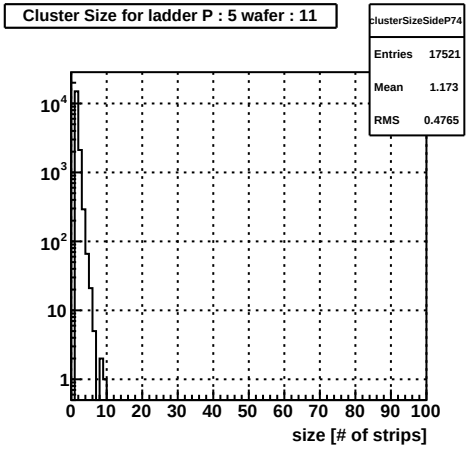

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5683
Mean 1.163
RMS 0.4339
size [# of strips]

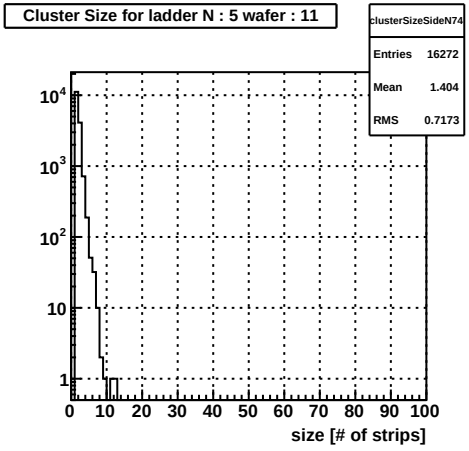

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 20753
Mean 1.32
RMS 0.6307
size [# of strips]

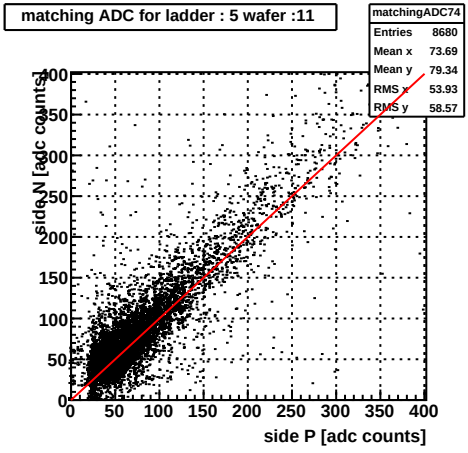

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 366
Mean x 50.62
Mean y 57.45
RMS x 42.57
RMS y 54.18
side N [adc counts]
side P [adc counts]

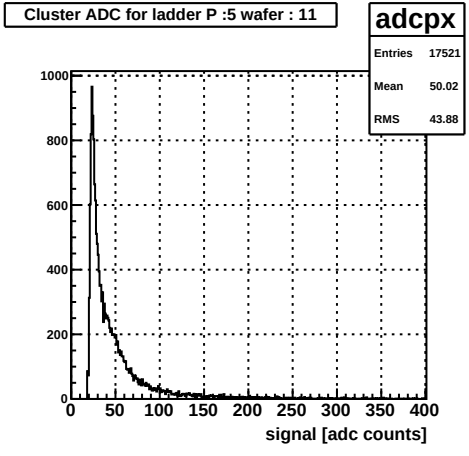

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5683
Mean 42.26
RMS 24.95
signal [adc counts]

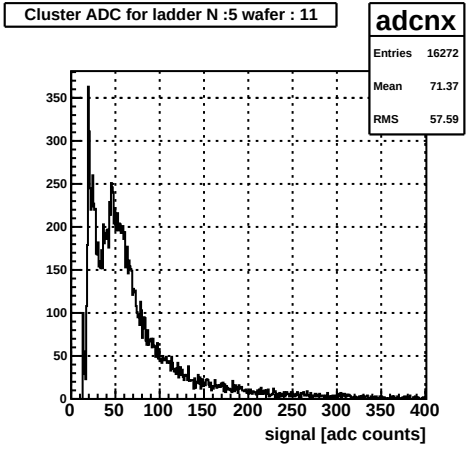

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 20753
Mean 48.49
RMS 48.72
signal [adc counts]

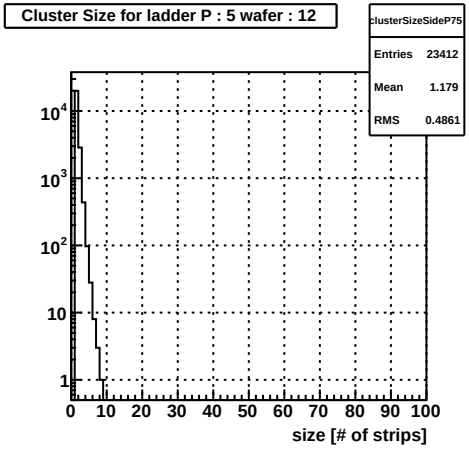

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 17521
Mean 1.173
RMS 0.4765
size [# of strips]

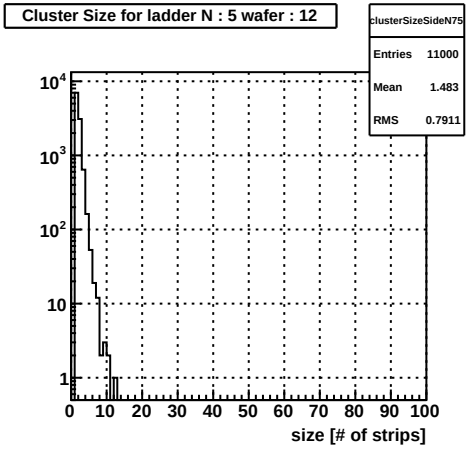

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 16272
Mean 1.404
RMS 0.7173
size [# of strips]

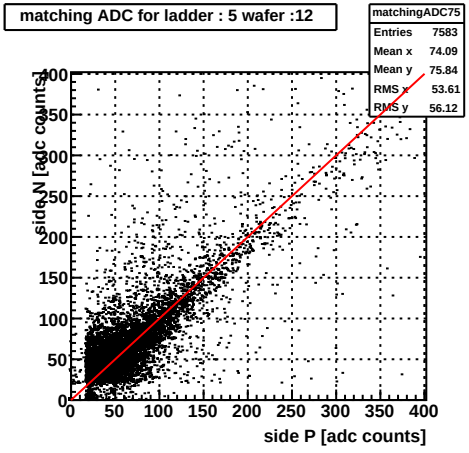

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 8680
Mean x 73.69
Mean y 79.34
RMS x 53.93
RMS y 58.57
side N [adc counts]
side P [adc counts]

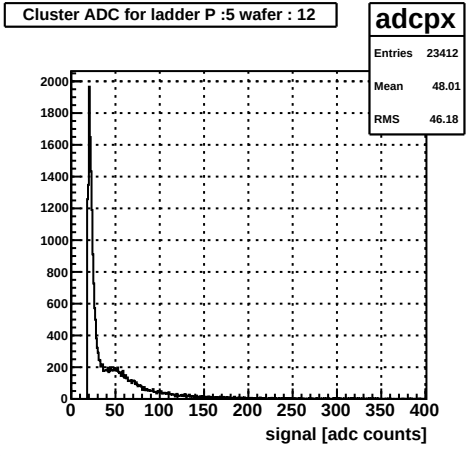

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 17521
Mean 50.02
RMS 43.88
signal [adc counts]

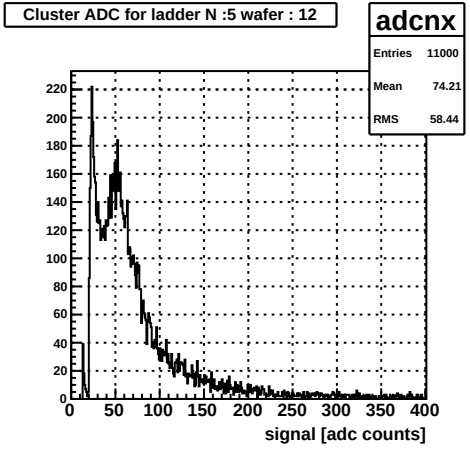

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 16272
Mean 71.37
RMS 57.59
signal [adc counts]

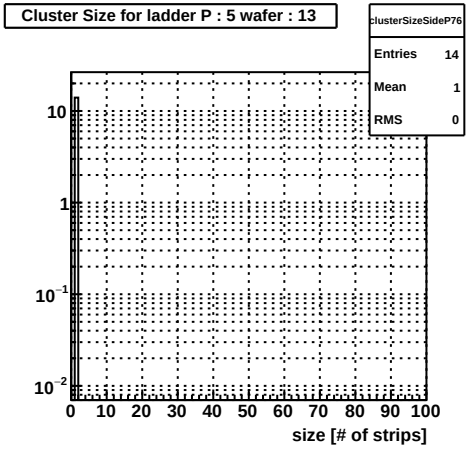

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 23412
Mean 1.179
RMS 0.4861
size [# of strips]

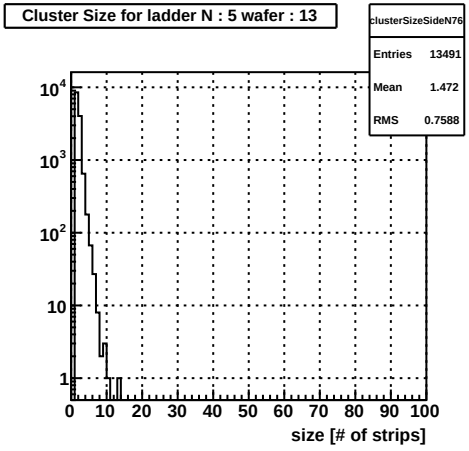

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 11000
Mean 1.483
RMS 0.7911
size [# of strips]

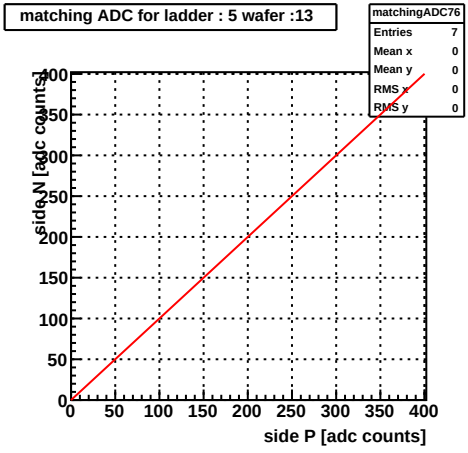

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 7583
Mean x 74.09
Mean y 75.84
RMS x 53.61
RMS y 56.12
side N [adc counts]
side P [adc counts]

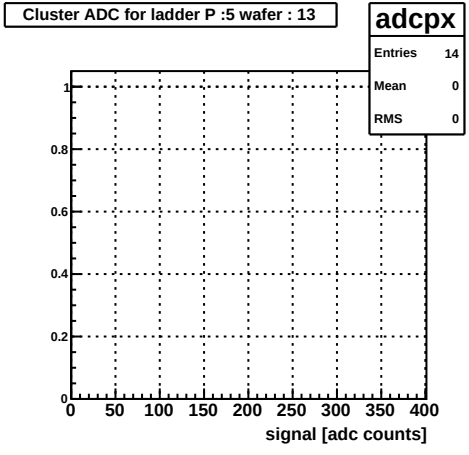

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 23412
Mean 48.01
RMS 46.18
signal [adc counts]

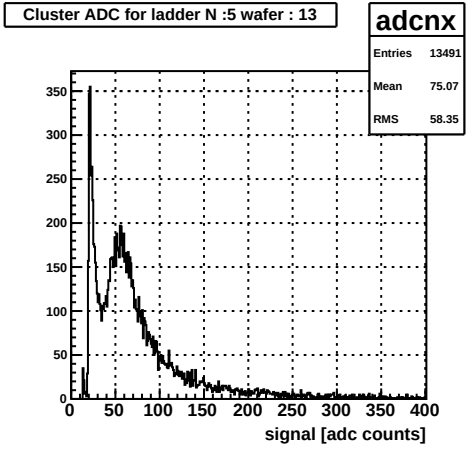

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 11000
Mean 74.21
RMS 58.44
signal [adc counts]

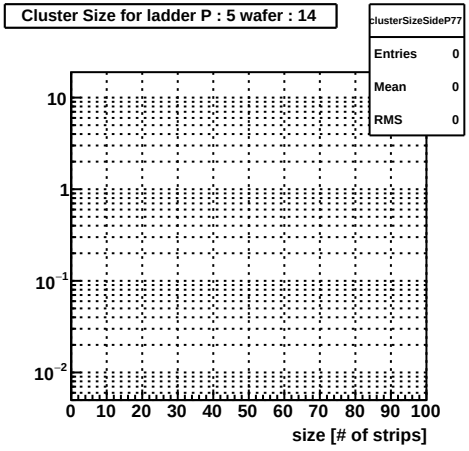

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 14
Mean 1
RMS 0
size [# of strips]

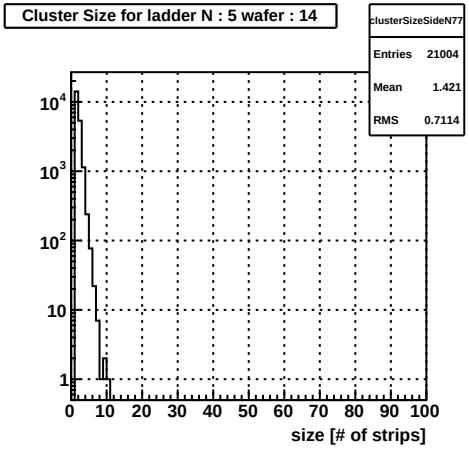

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 13491
Mean 1.472
RMS 0.7588
size [# of strips]

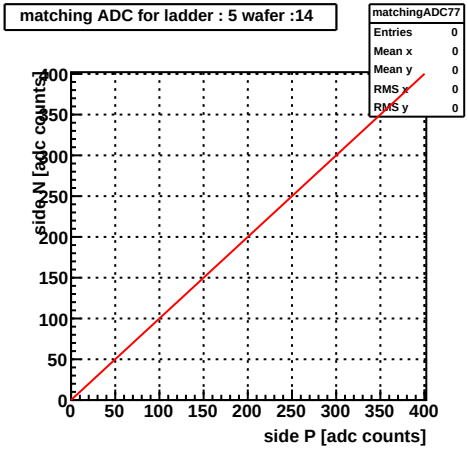

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

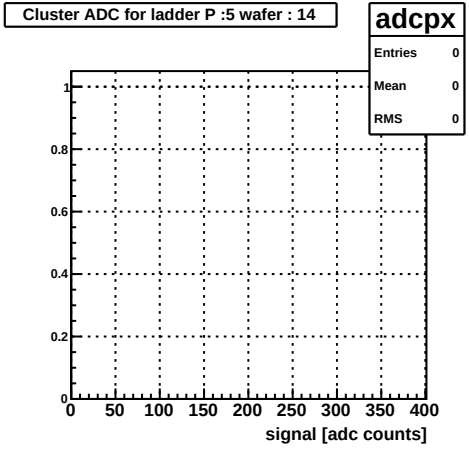

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 14
Mean 0
RMS 0
signal [adc counts]

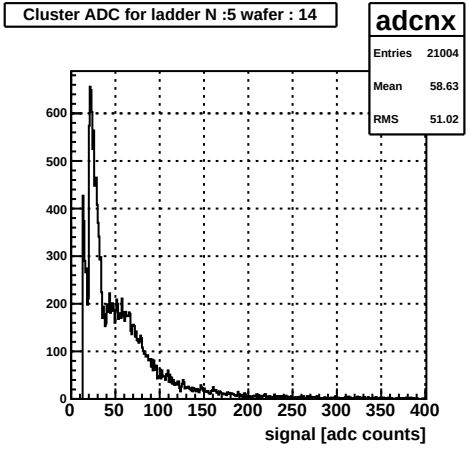

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 13491
Mean 75.07
RMS 58.35
signal [adc counts]

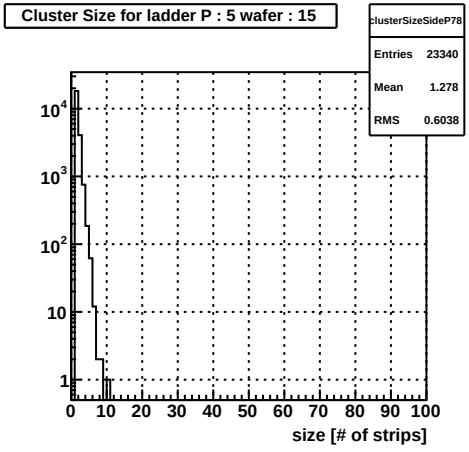

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

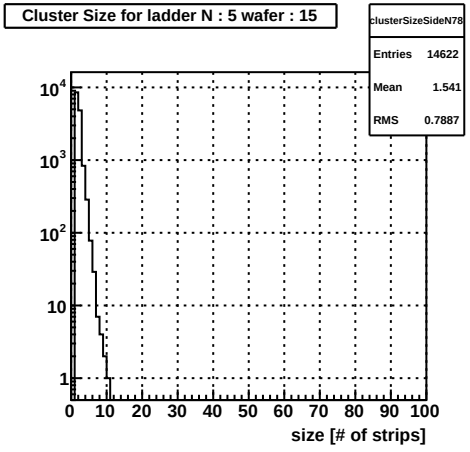

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 21004
Mean 1.421
RMS 0.7114
size [# of strips]

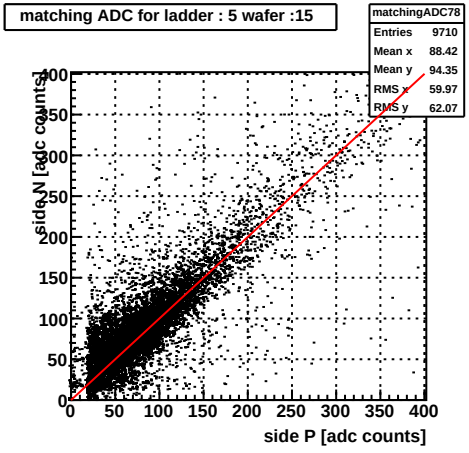

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

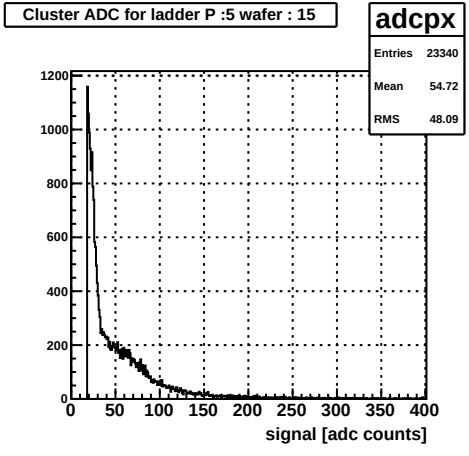

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

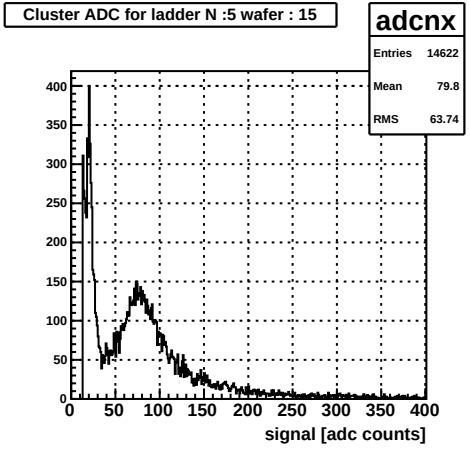

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 21004
Mean 58.63
RMS 51.02
signal [adc counts]

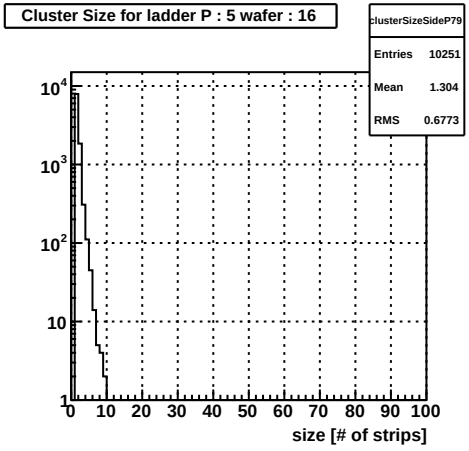

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 23340
Mean 1.278
RMS 0.6038
size [# of strips]

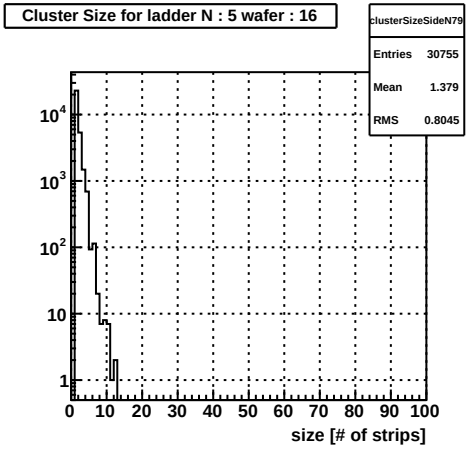

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 14622
Mean 1.541
RMS 0.7887
size [# of strips]

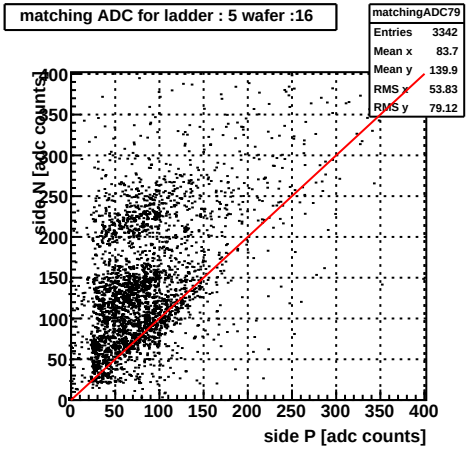

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 9710
Mean x 88.42
Mean y 94.35
RMS x 59.97
RMS y 62.07
side N [adc counts]
side P [adc counts]

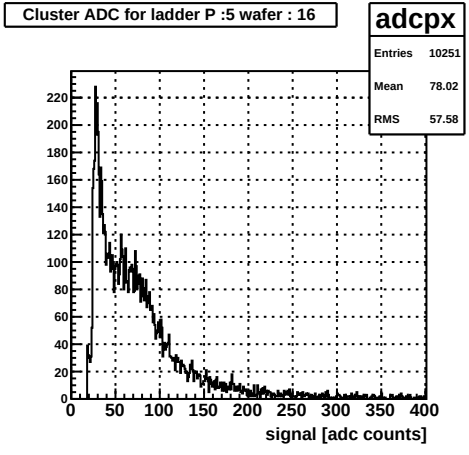

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 23340
Mean 54.72
RMS 48.09
signal [adc counts]

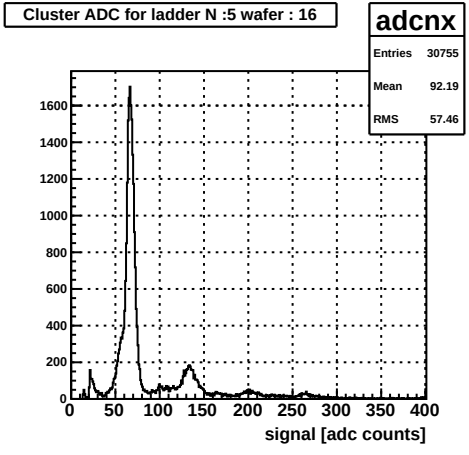

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 14622
Mean 79.8
RMS 63.74
signal [adc counts]

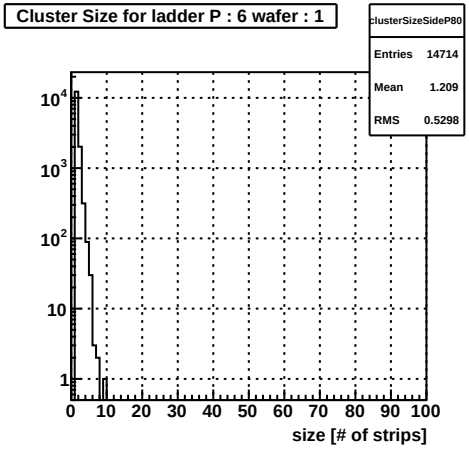

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 10251
Mean 1.304
RMS 0.6773
size [# of strips]

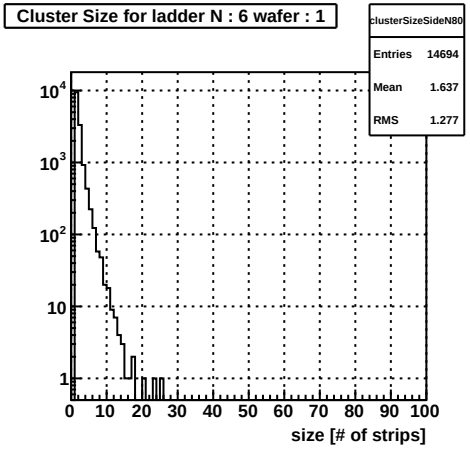

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 30755
Mean 1.379
RMS 0.8045
size [# of strips]

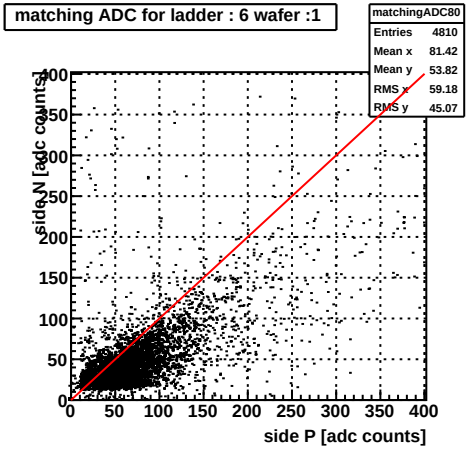

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3342
Mean x 83.7
Mean y 139.9
RMS x 53.83
RMS y 79.12
side N [adc counts]
side P [adc counts]

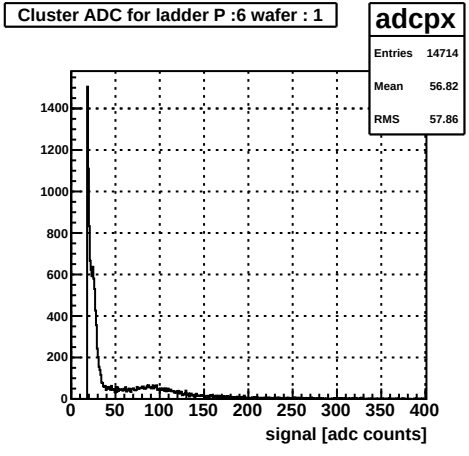

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 10251
Mean 78.02
RMS 57.58
signal [adc counts]

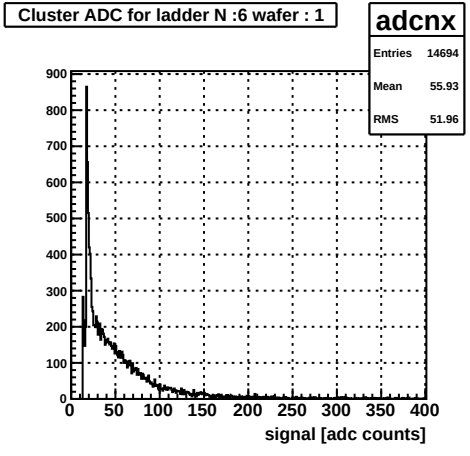

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 30755
Mean 92.19
RMS 57.46
signal [adc counts]

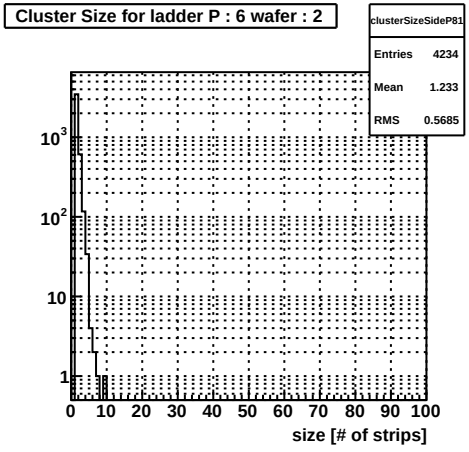

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 14714
Mean 1.209
RMS 0.5298
size [# of strips]

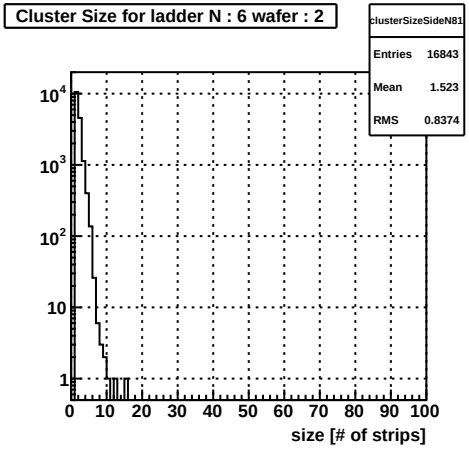

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 14694
Mean 1.637
RMS 1.277
size [# of strips]

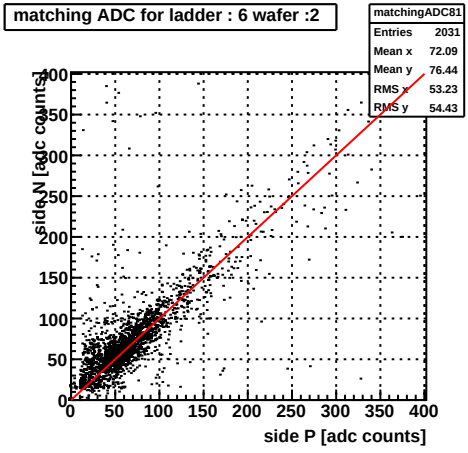

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 4810
Mean x 81.42
Mean y 53.82
RMS x 59.18
RMS y 45.07
side N [adc counts]
side P [adc counts]

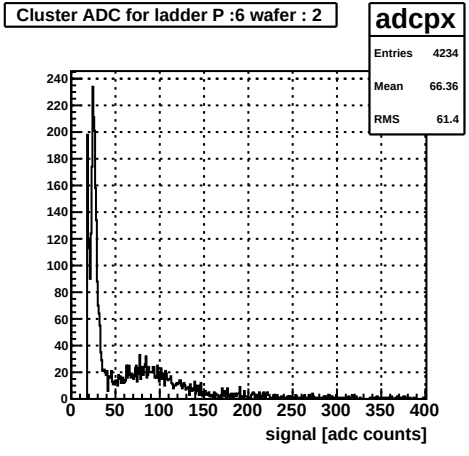

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 14714
Mean 56.82
RMS 57.86
signal [adc counts]

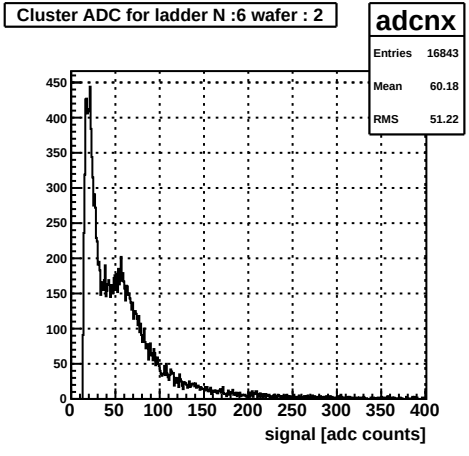

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 14694
Mean 55.93
RMS 51.96
signal [adc counts]

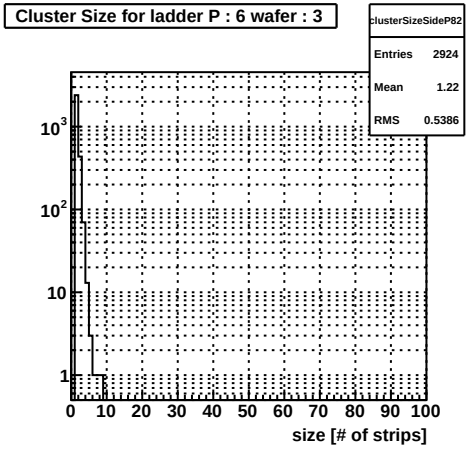

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4234
Mean 1.233
RMS 0.5685
size [# of strips]

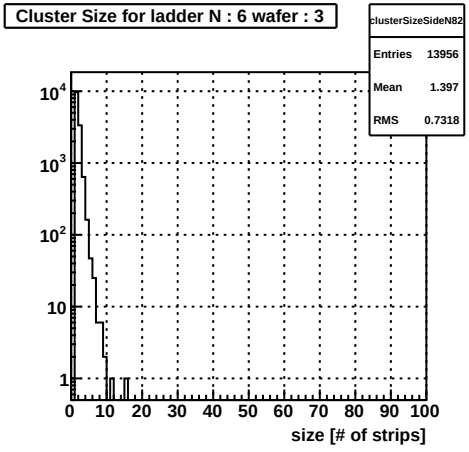

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 16843
Mean 1.523
RMS 0.8374
size [# of strips]

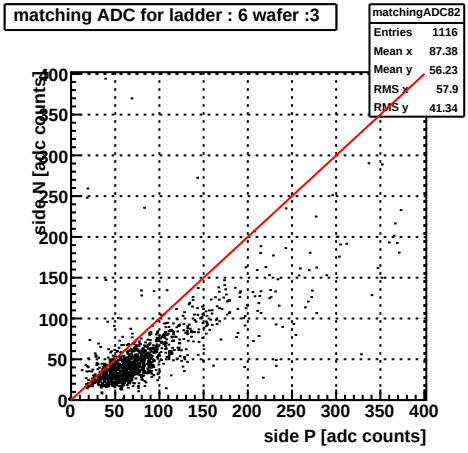

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2031
Mean x 72.09
Mean y 76.44
RMS x 53.23
RMS y 54.43
side N [adc counts]
side P [adc counts]

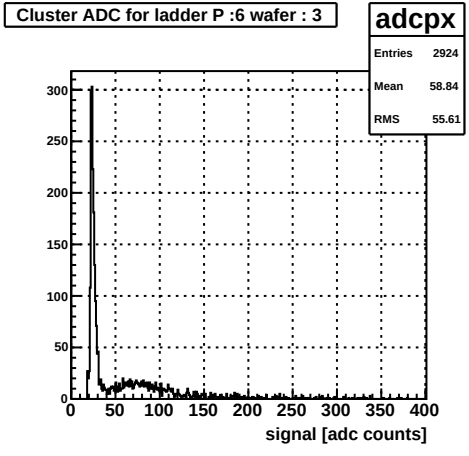

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4234
Mean 66.36
RMS 61.4
signal [adc counts]

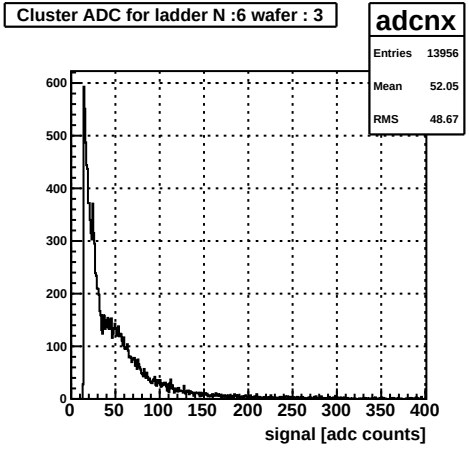

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 16843
Mean 60.18
RMS 51.22
signal [adc counts]

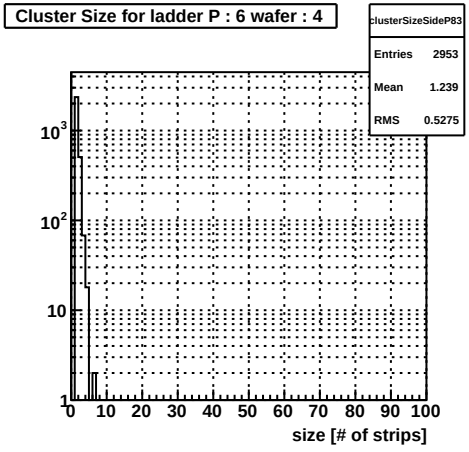

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2924
Mean 1.22
RMS 0.5386
size [# of strips]

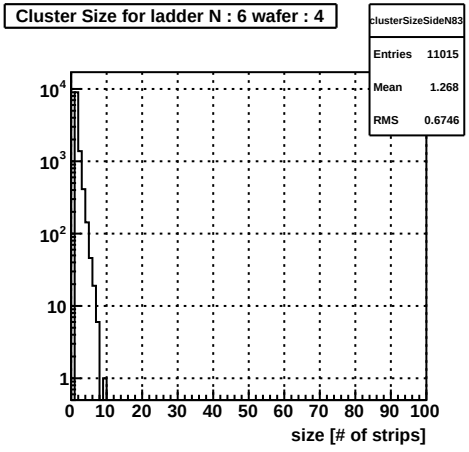

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 13956
Mean 1.397
RMS 0.7318
size [# of strips]

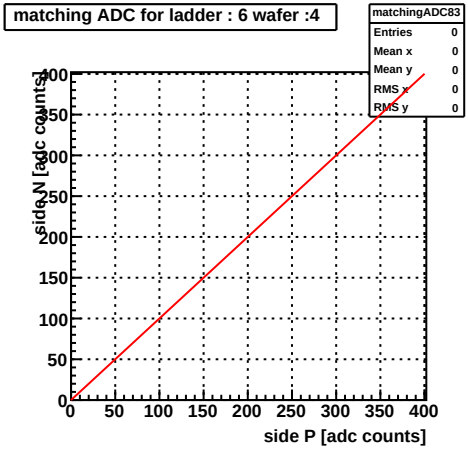

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1116
Mean x 87.38
Mean y 56.23
RMS x 57.9
RMS y 41.34
side N [adc counts]
side P [adc counts]

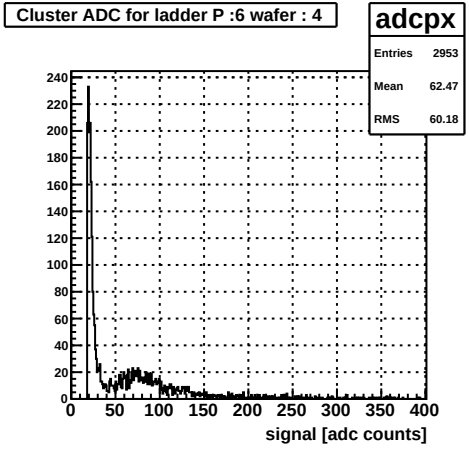

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2924
Mean 58.84
RMS 55.61
signal [adc counts]

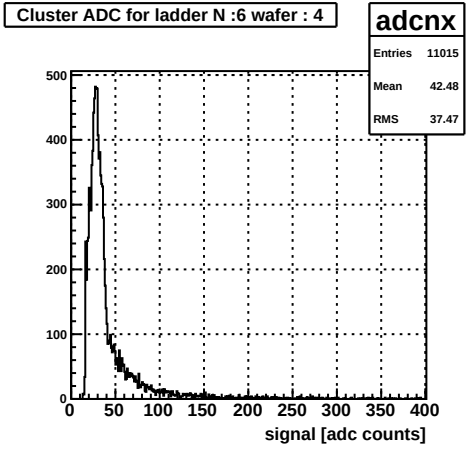

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 13956
Mean 52.05
RMS 48.67
signal [adc counts]

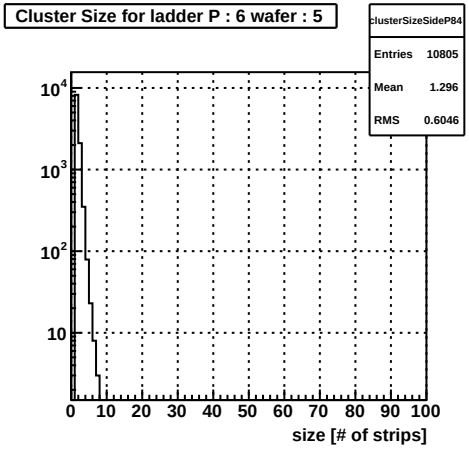

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 2953
Mean 1.239
RMS 0.5275
size [# of strips]

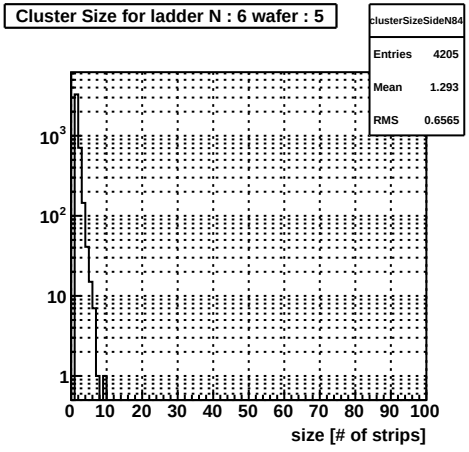

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 11015
Mean 1.268
RMS 0.6746
size [# of strips]

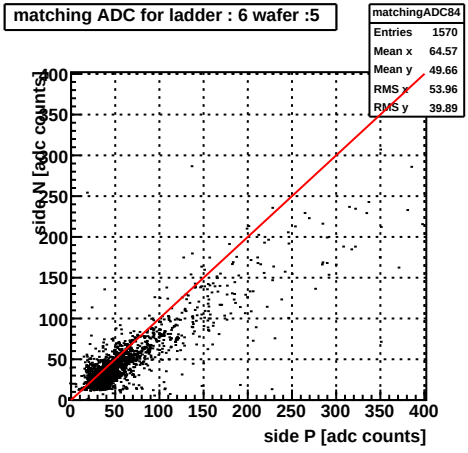

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

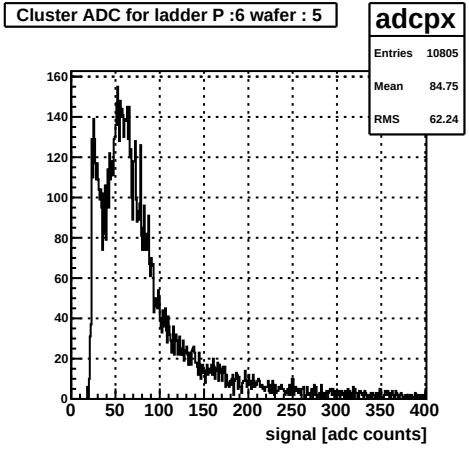

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 2953
Mean 62.47
RMS 60.18
signal [adc counts]

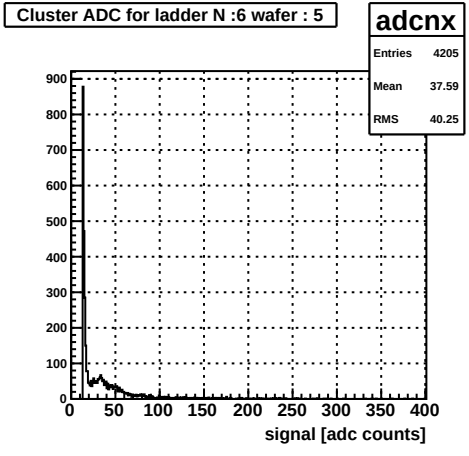

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 11015
Mean 42.48
RMS 37.47
signal [adc counts]

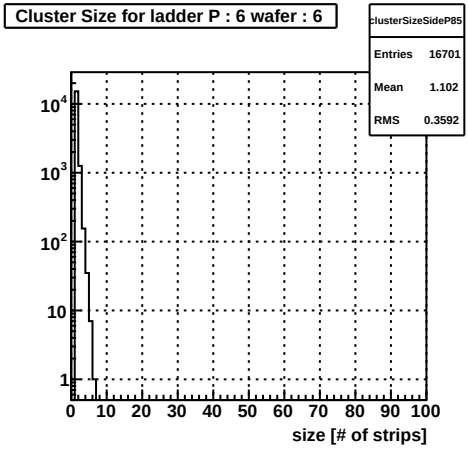

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 10805
Mean 1.296
RMS 0.6046
size [# of strips]

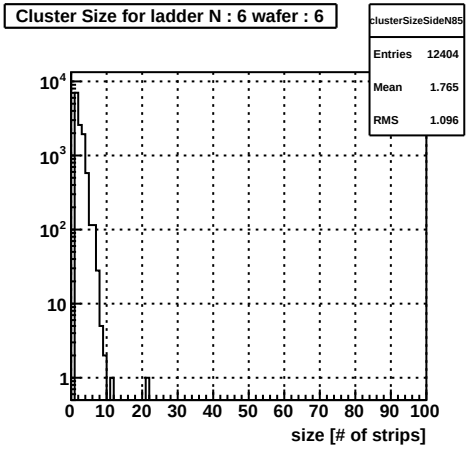

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 4205
Mean 1.293
RMS 0.6565
size [# of strips]

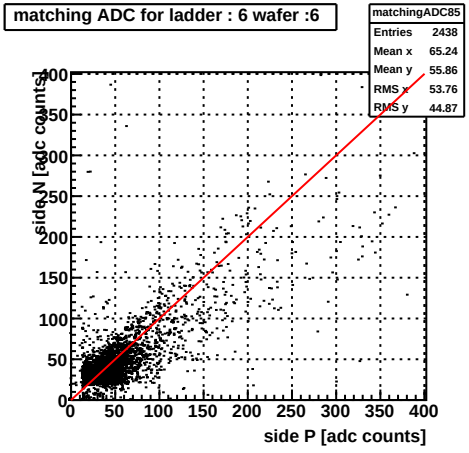

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1570
Mean x 64.57
Mean y 49.66
RMS x 53.96
RMS y 39.89
side N [adc counts]
side P [adc counts]

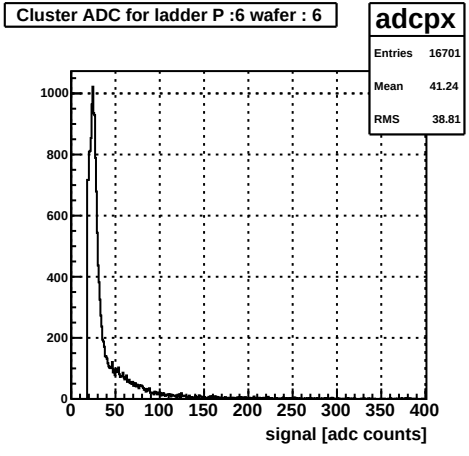

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 10805
Mean 84.75
RMS 62.24
signal [adc counts]

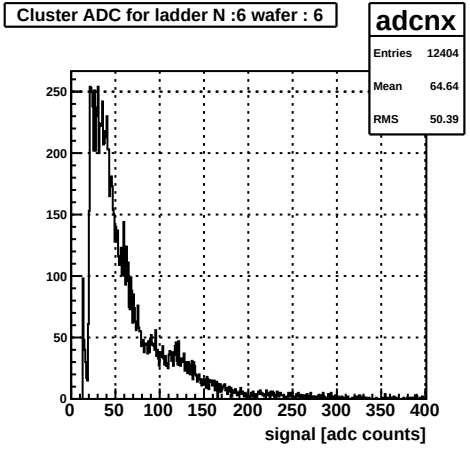

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 4205
Mean 37.59
RMS 40.25
signal [adc counts]

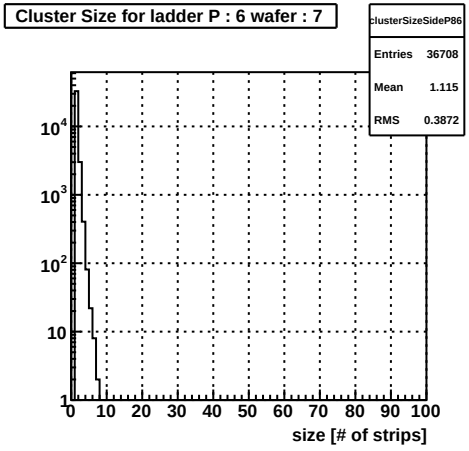

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 16701
Mean 1.102
RMS 0.3592
size [# of strips]

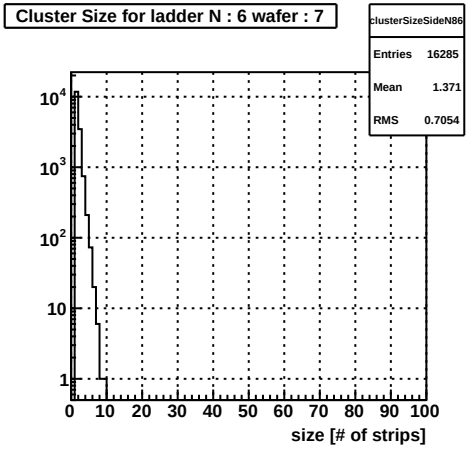

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 12404
Mean 1.765
RMS 1.096
size [# of strips]

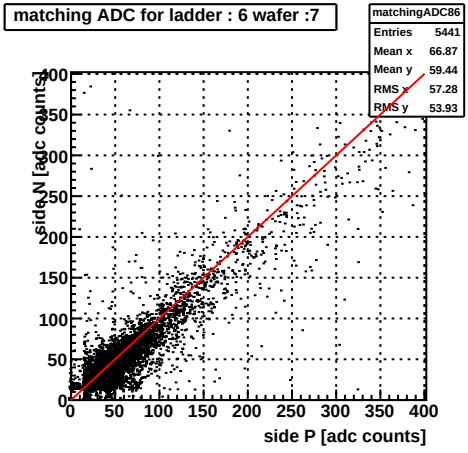

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 2438
Mean x 65.24
Mean y 55.86
RMS x 53.76
RMS y 44.87
side N [adc counts]
side P [adc counts]

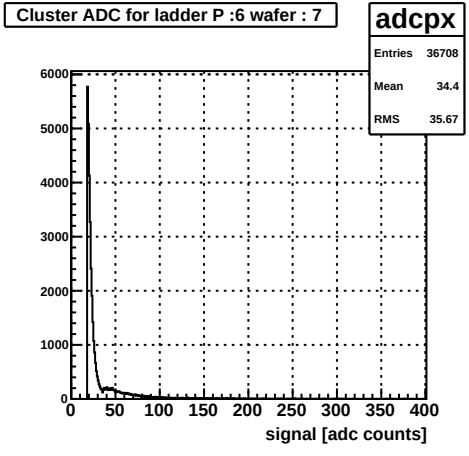

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 16701
Mean 41.24
RMS 38.81
signal [adc counts]

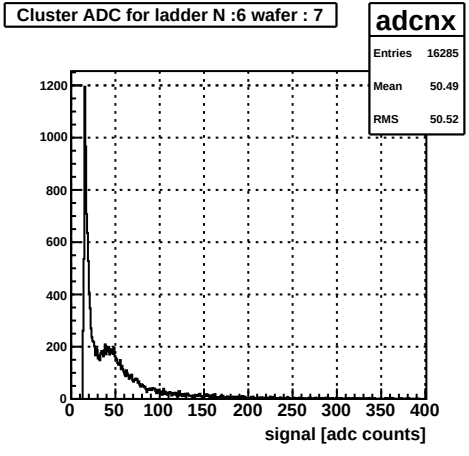

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 12404
Mean 64.64
RMS 50.39
signal [adc counts]

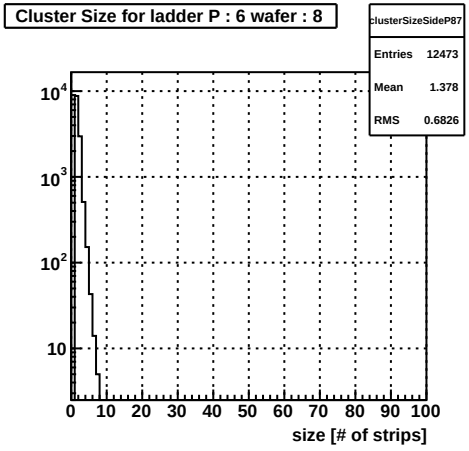

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 36708
Mean 1.115
RMS 0.3872
size [# of strips]

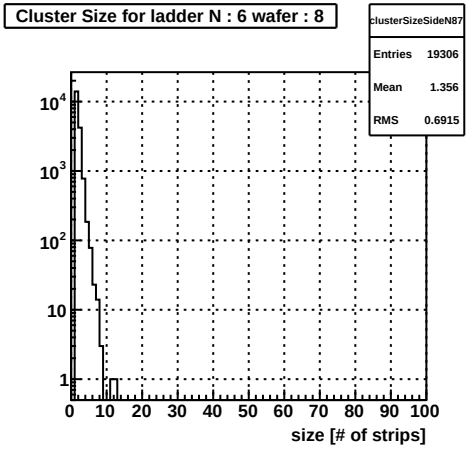

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 16285
Mean 1.371
RMS 0.7054
size [# of strips]

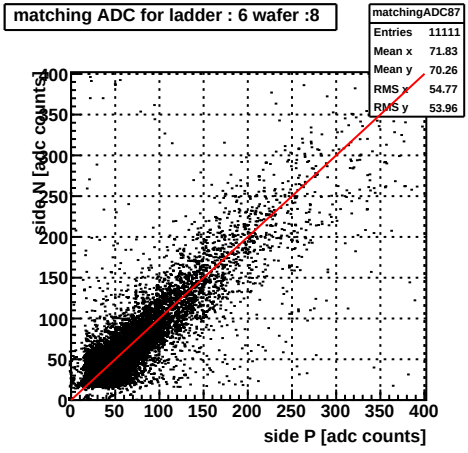

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 5441
Mean x 66.87
Mean y 59.44
RMS x 57.28
RMS y 53.93
side N [adc counts]
side P [adc counts]

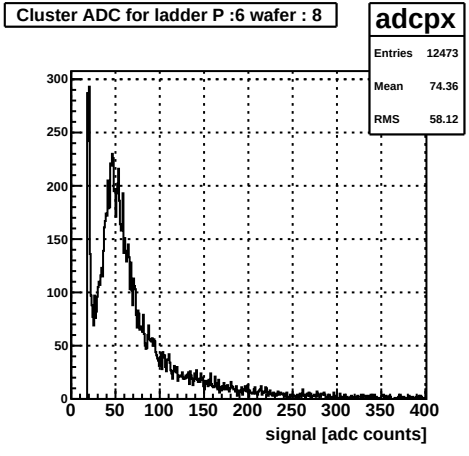

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 36708
Mean 34.4
RMS 35.67
signal [adc counts]

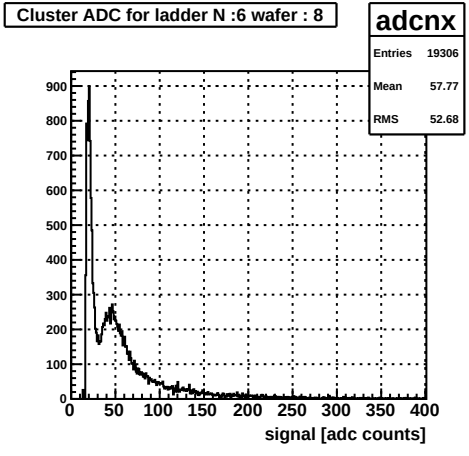

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 16285
Mean 50.49
RMS 50.52
signal [adc counts]

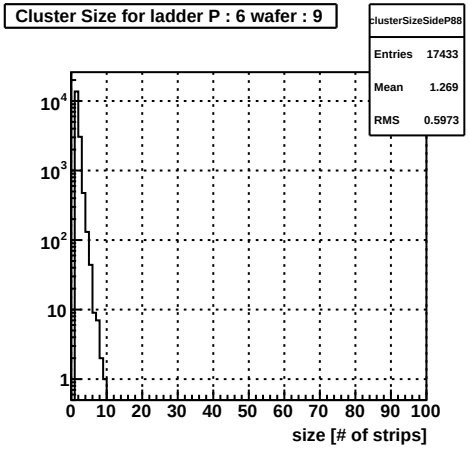

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 12473
Mean 1.378
RMS 0.6826
size [# of strips]

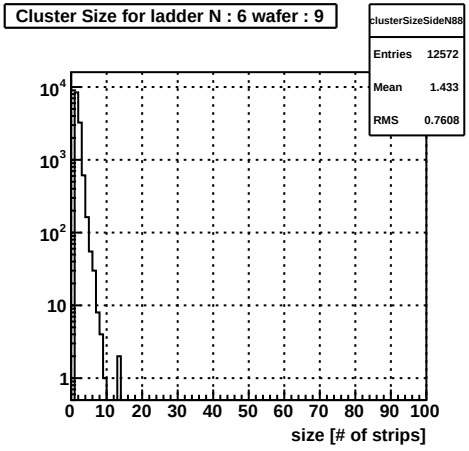

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 19306
Mean 1.356
RMS 0.6915
size [# of strips]

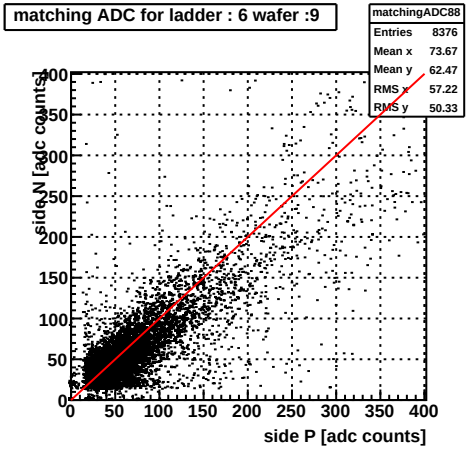

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 11111
Mean x 71.83
Mean y 70.26
RMS x 54.77
RMS y 53.96
side N [adc counts]
side P [adc counts]

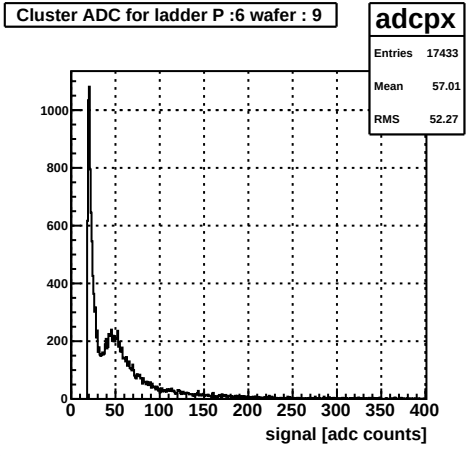

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 12473
Mean 74.36
RMS 58.12
signal [adc counts]

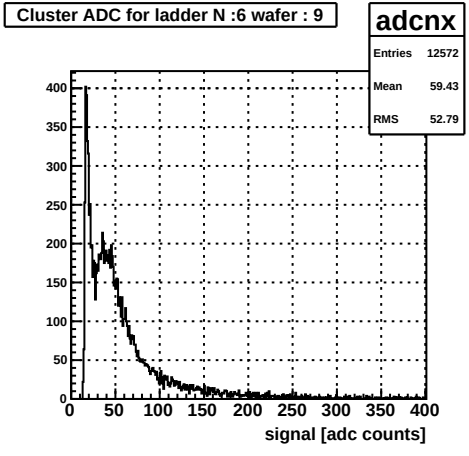

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 19306
Mean 57.77
RMS 52.68
signal [adc counts]

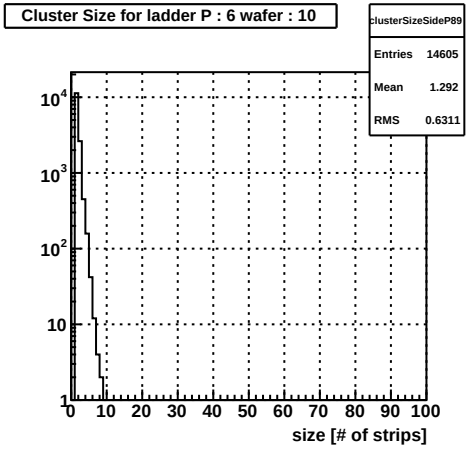

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 17433
Mean 1.269
RMS 0.5973
size [# of strips]

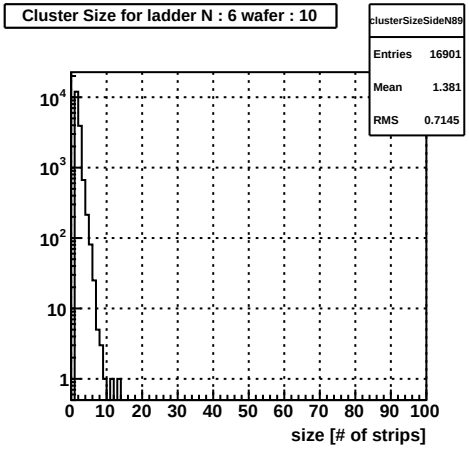

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 12572
Mean 1.433
RMS 0.7608
size [# of strips]

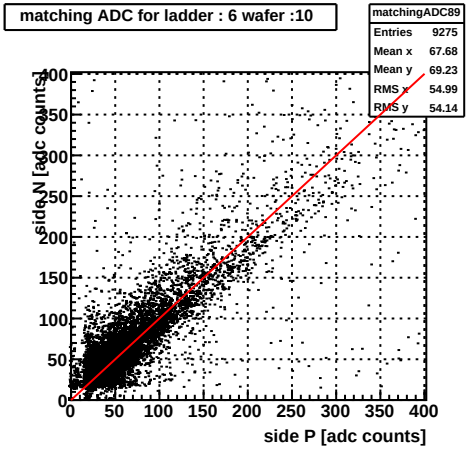

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 8376
Mean x 73.67
Mean y 62.47
RMS x 57.22
RMS y 50.33
side N [adc counts]
side P [adc counts]

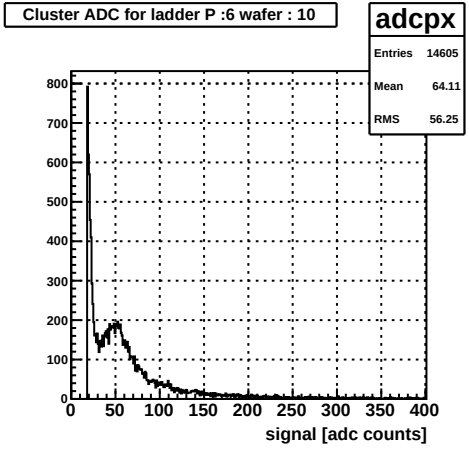

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 17433
Mean 57.01
RMS 52.27
signal [adc counts]

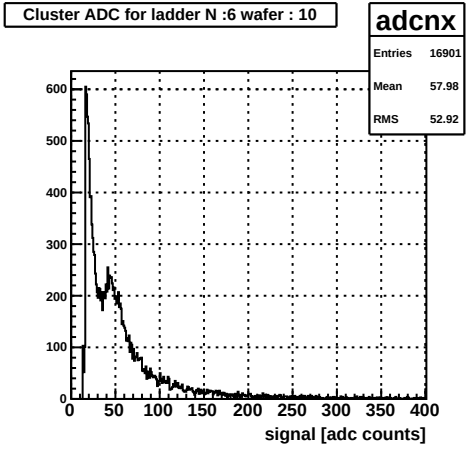

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 12572
Mean 59.43
RMS 52.79
signal [adc counts]

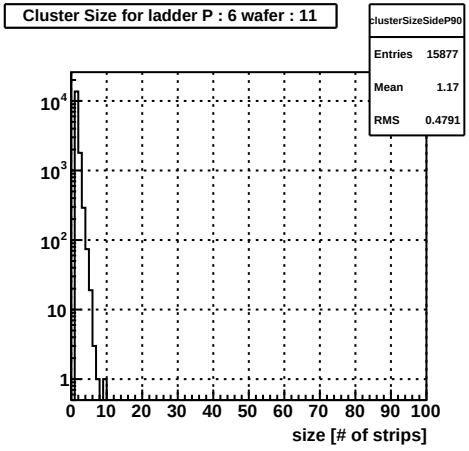

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 14605
Mean 1.292
RMS 0.6311
size [# of strips]

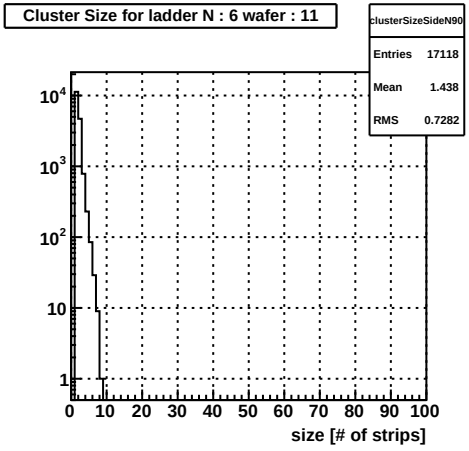

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 16901
Mean 1.381
RMS 0.7145
size [# of strips]

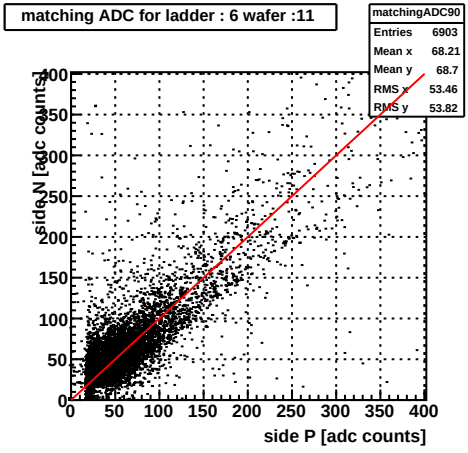

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 9275
Mean x 67.68
Mean y 69.23
RMS x 54.99
RMS y 54.14
side N [adc counts]
side P [adc counts]

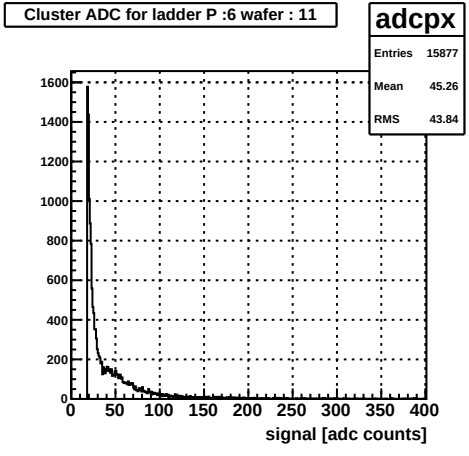

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 14605
Mean 64.11
RMS 56.25
signal [adc counts]

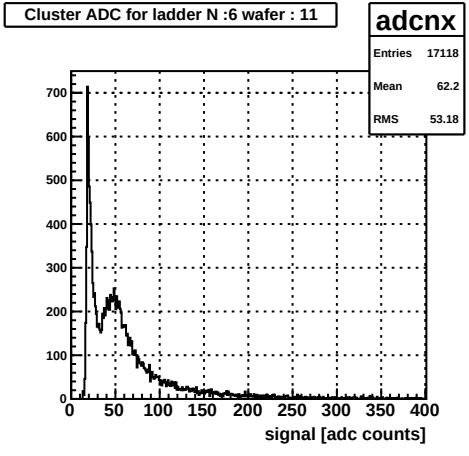

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 16901
Mean 57.98
RMS 52.92
signal [adc counts]

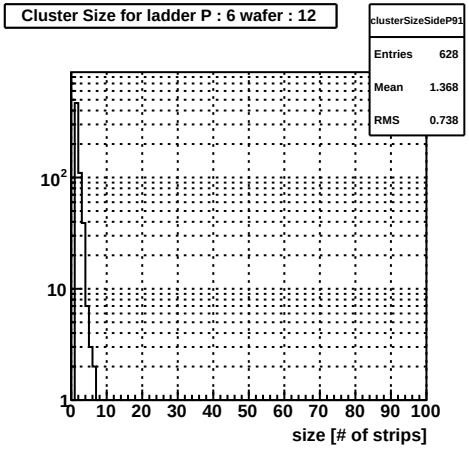

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 15877
Mean 1.17
RMS 0.4791
size [# of strips]

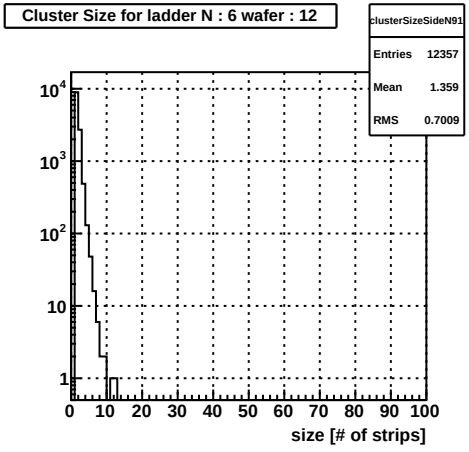

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 17118
Mean 1.438
RMS 0.7282
size [# of strips]

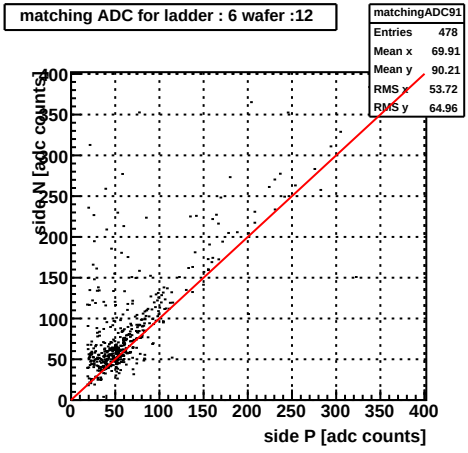

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 6903
Mean x 68.21
Mean y 68.7
RMS x 53.46
RMS y 53.82
side N [adc counts]
side P [adc counts]

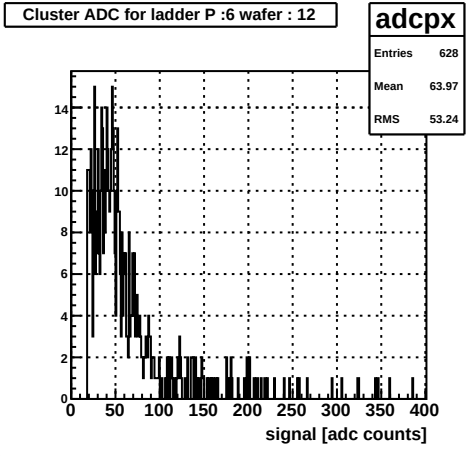

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 15877
Mean 45.26
RMS 43.84
signal [adc counts]

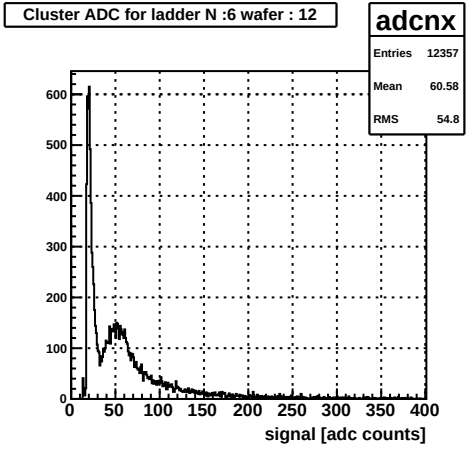

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 17118
Mean 62.2
RMS 53.18
signal [adc counts]

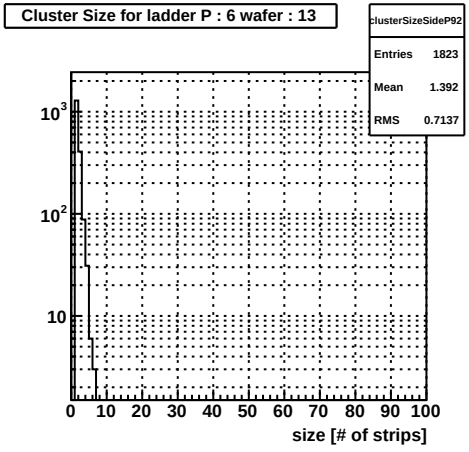

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 628
Mean 1.368
RMS 0.738
size [# of strips]

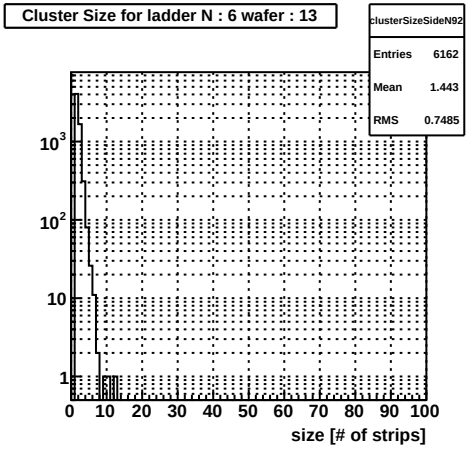

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 12357
Mean 1.359
RMS 0.7009
size [# of strips]

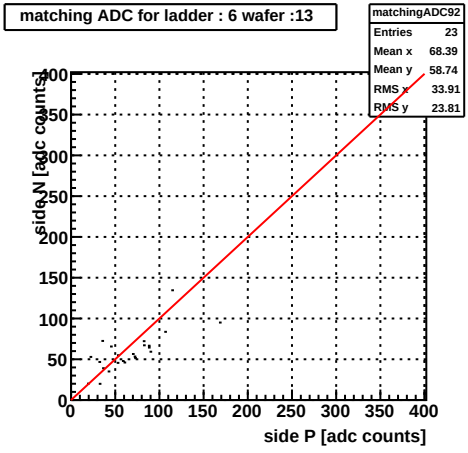

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 478
Mean x 69.91
Mean y 90.21
RMS x 53.72
RMS y 64.96
side N [adc counts]
side P [adc counts]

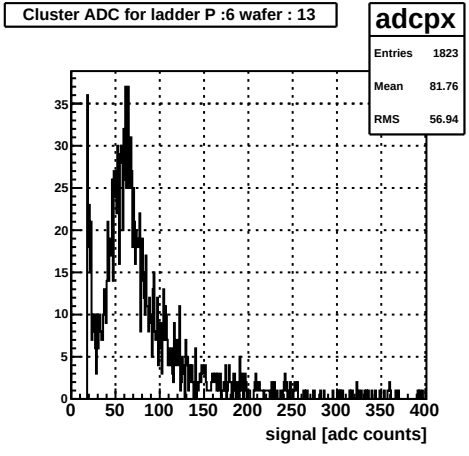

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 628
Mean 63.97
RMS 53.24
signal [adc counts]

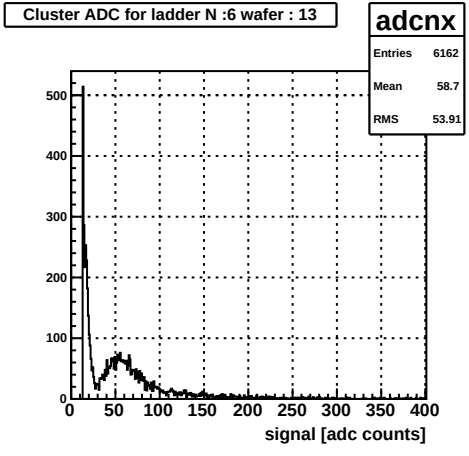

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 12357
Mean 60.58
RMS 54.8
signal [adc counts]

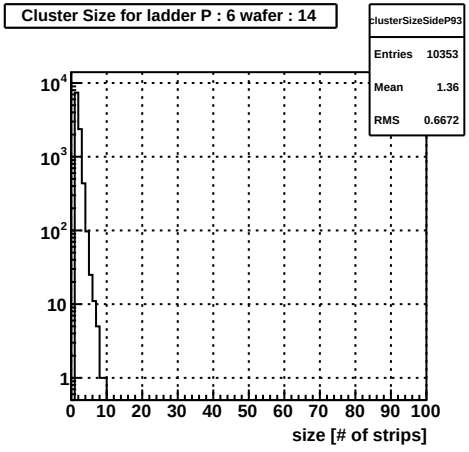

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1823
Mean 1.392
RMS 0.7137
size [# of strips]

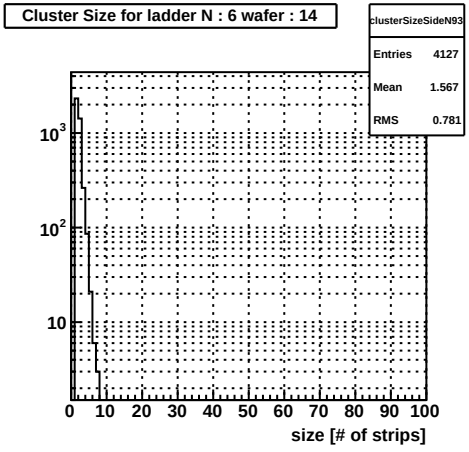

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 6162
Mean 1.443
RMS 0.7485
size [# of strips]

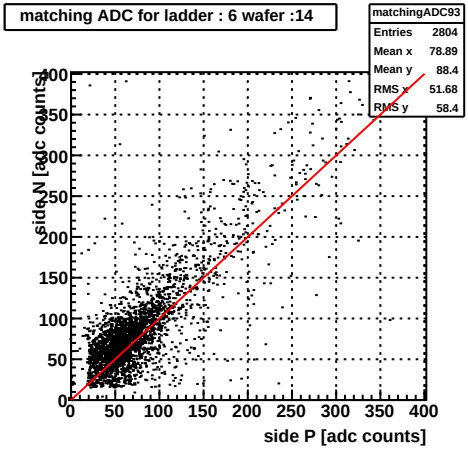

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 23
Mean x 68.39
Mean y 58.74
RMS x 33.91
RMS y 23.81
side N [adc counts]
side P [adc counts]

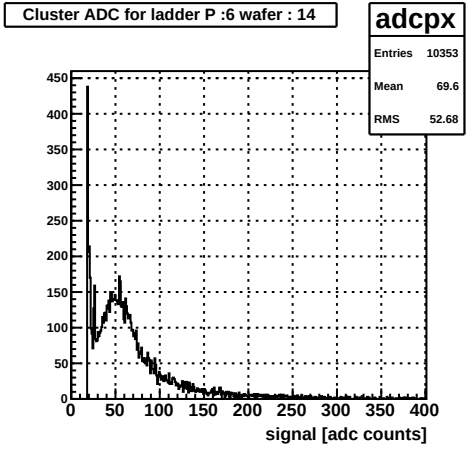

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1823
Mean 81.76
RMS 56.94
signal [adc counts]

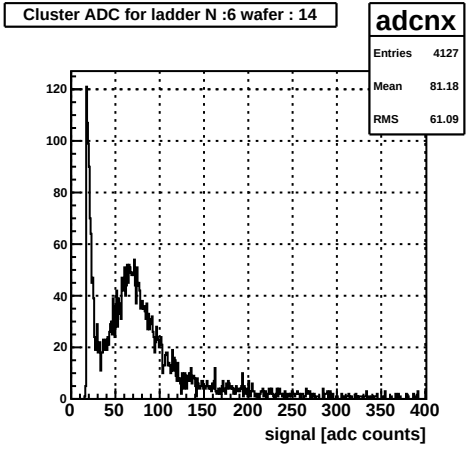

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 6162
Mean 58.7
RMS 53.91
signal [adc counts]

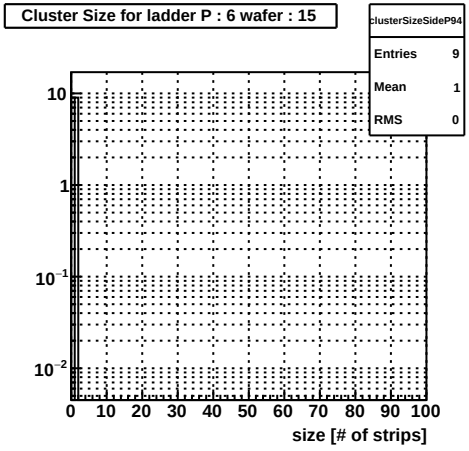

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 10353
Mean 1.36
RMS 0.6672
size [# of strips]

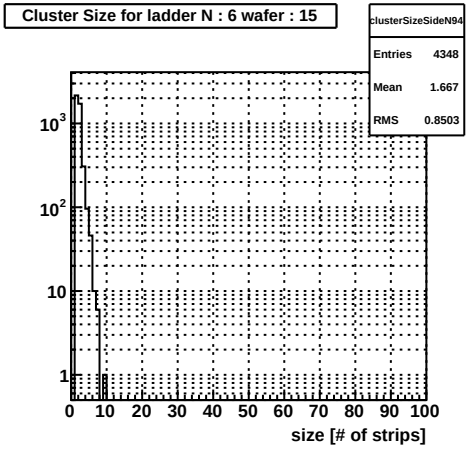

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 4127
Mean 1.567
RMS 0.781
size [# of strips]

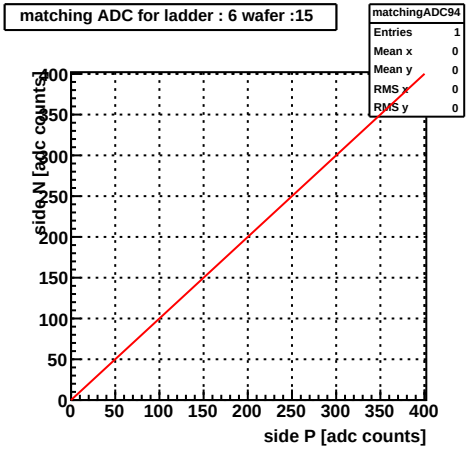

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 2804
Mean x 78.89
Mean y 88.4
RMS x 51.68
RMS y 58.4
side N [adc counts]
side P [adc counts]

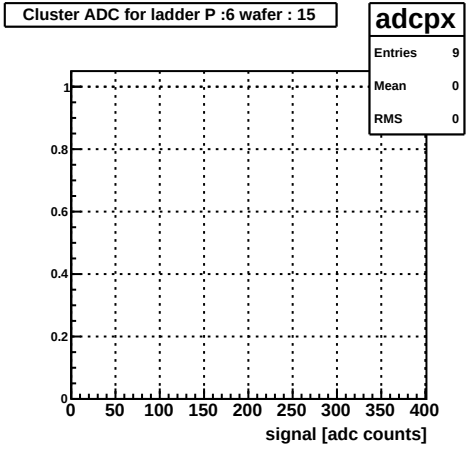

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 10353
Mean 69.6
RMS 52.68
signal [adc counts]

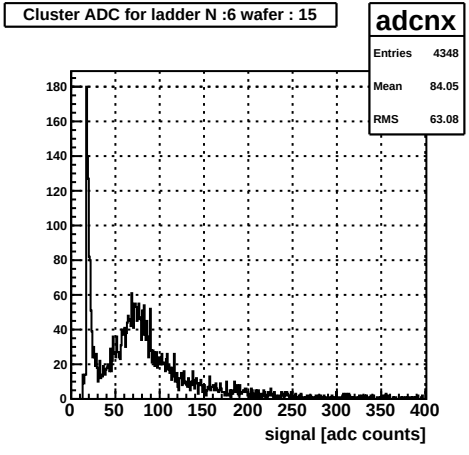

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 4127
Mean 81.18
RMS 61.09
signal [adc counts]

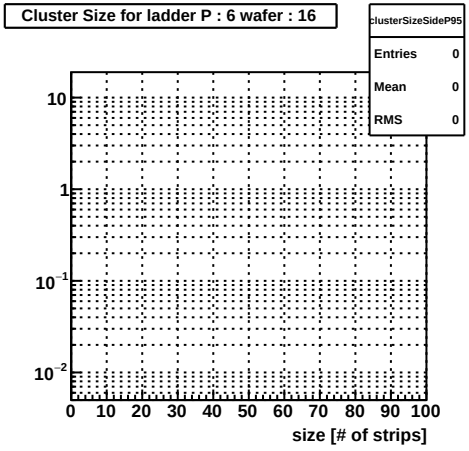

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 9
Mean 1
RMS 0
size [# of strips]

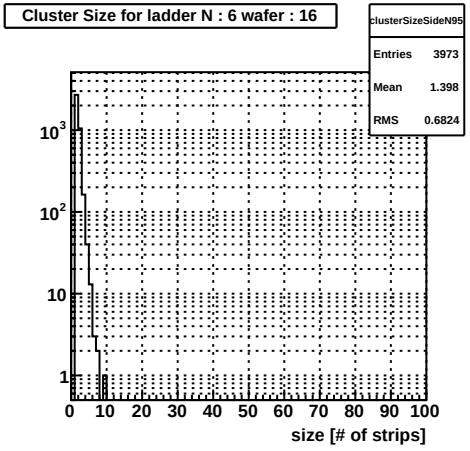

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4348
Mean 1.667
RMS 0.8503
size [# of strips]

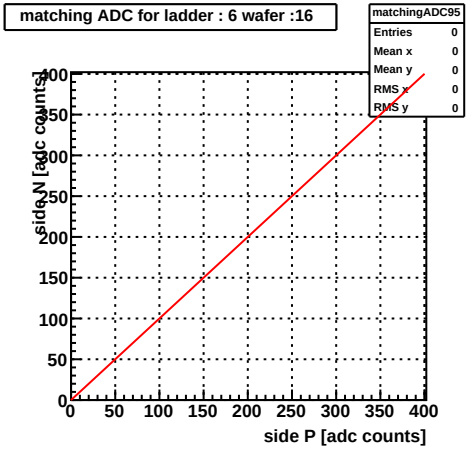

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

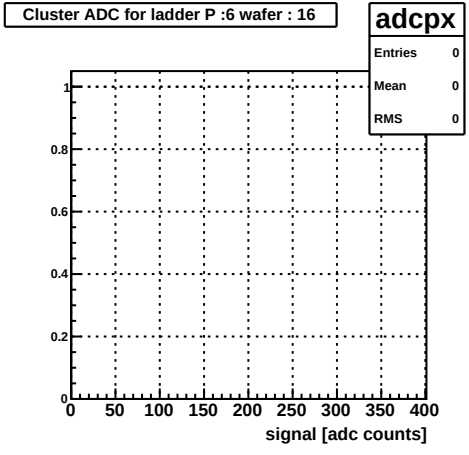

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

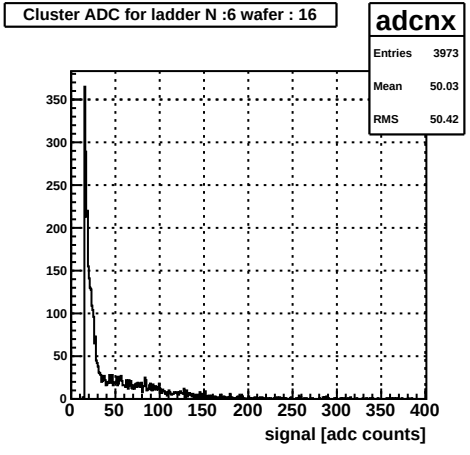

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4348
Mean 84.05
RMS 63.08
signal [adc counts]

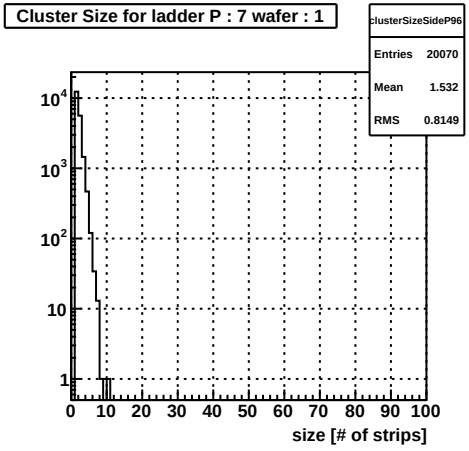

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

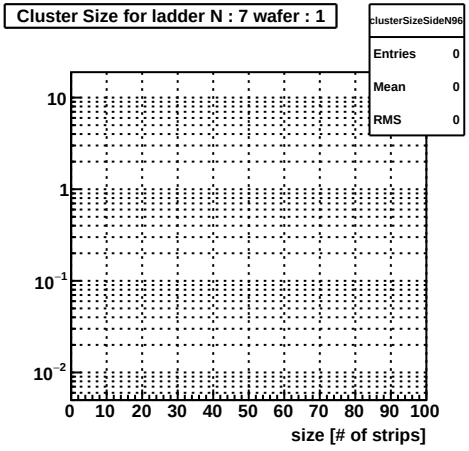

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 3973
Mean 1.398
RMS 0.6824
size [# of strips]

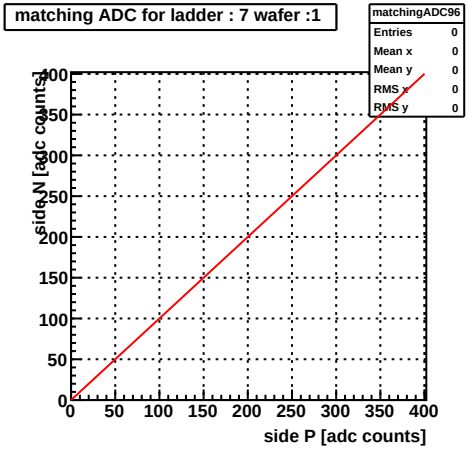

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

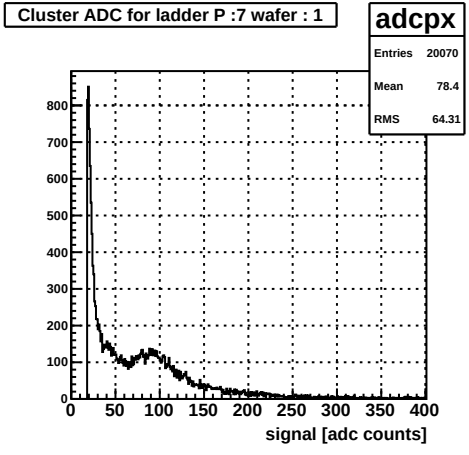

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

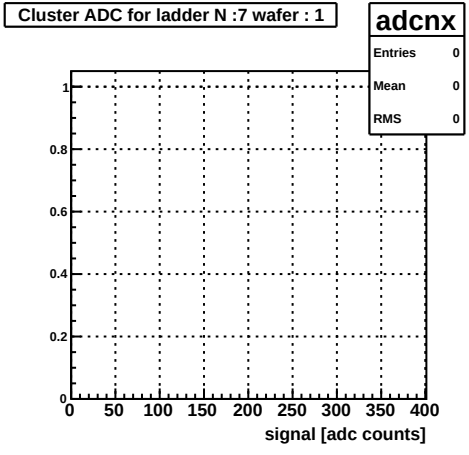

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 3973
Mean 50.03
RMS 50.42
signal [adc counts]

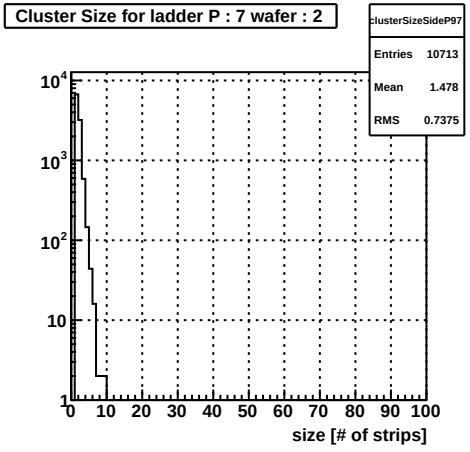

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 20070
Mean 1.532
RMS 0.8149
size [# of strips]

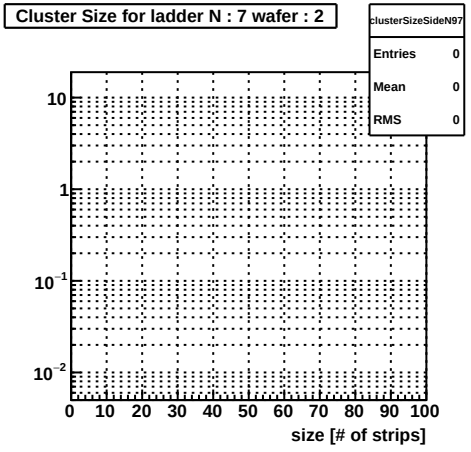

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

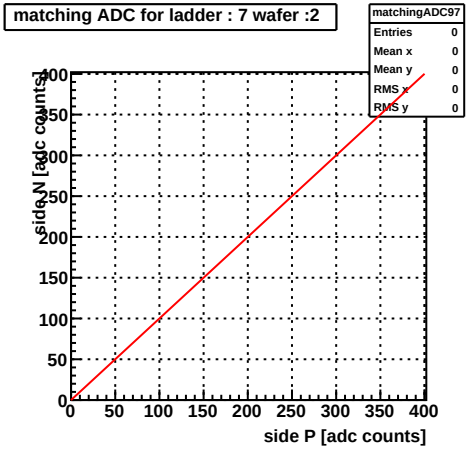

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

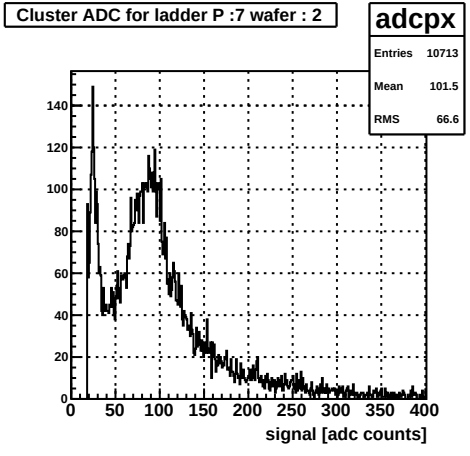

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 20070
Mean 78.4
RMS 64.31
signal [adc counts]

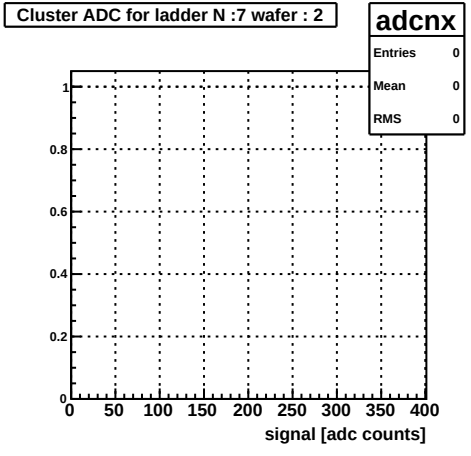

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

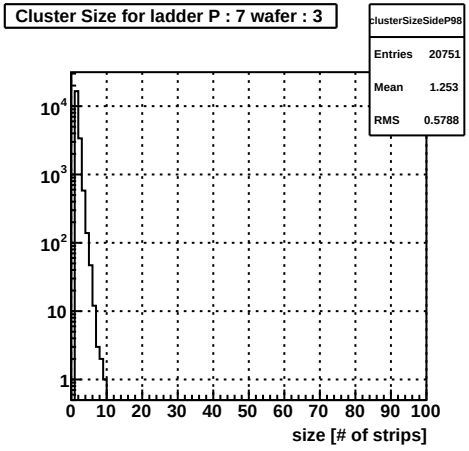

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 10713
Mean 1.478
RMS 0.7375
size [# of strips]

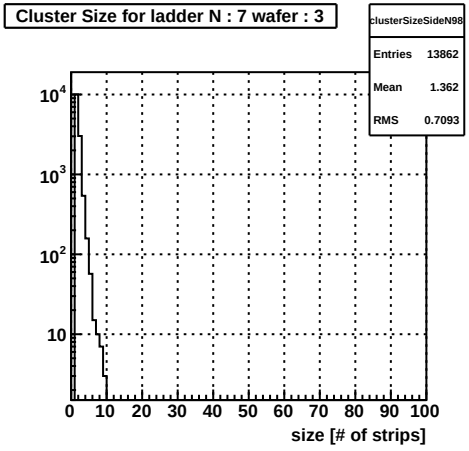

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

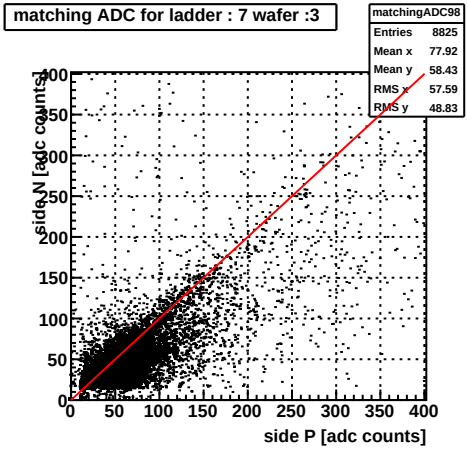

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

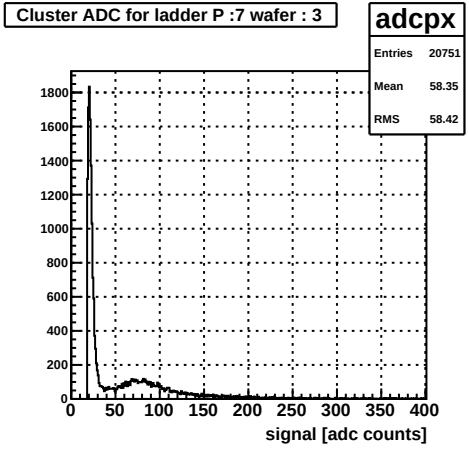

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 10713
Mean 101.5
RMS 66.6
signal [adc counts]

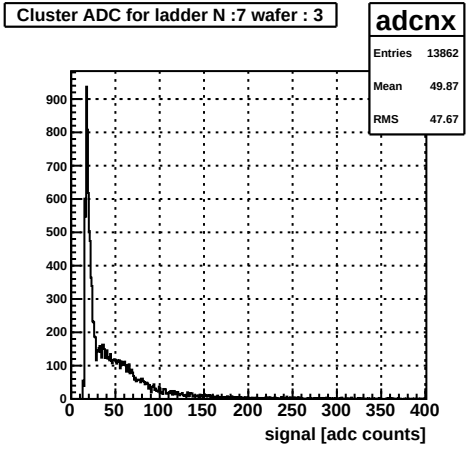

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

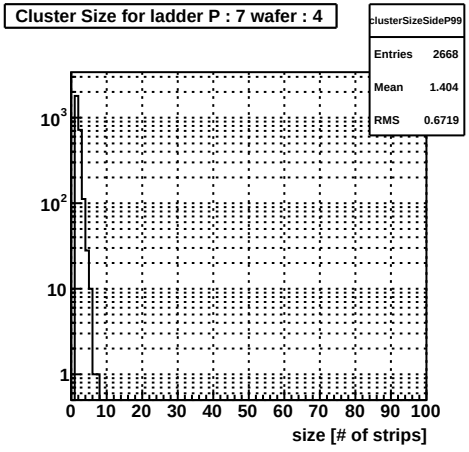

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 20751
Mean 1.253
RMS 0.5788
size [# of strips]

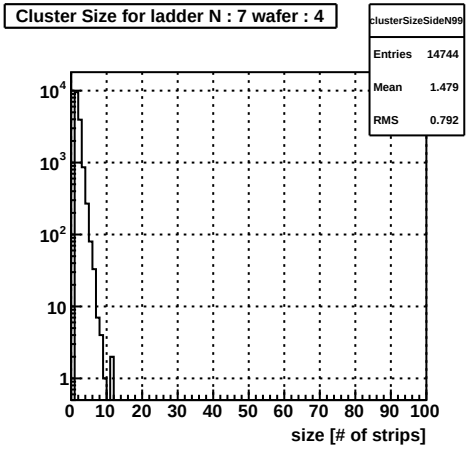

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 13862
Mean 1.362
RMS 0.7093
size [# of strips]

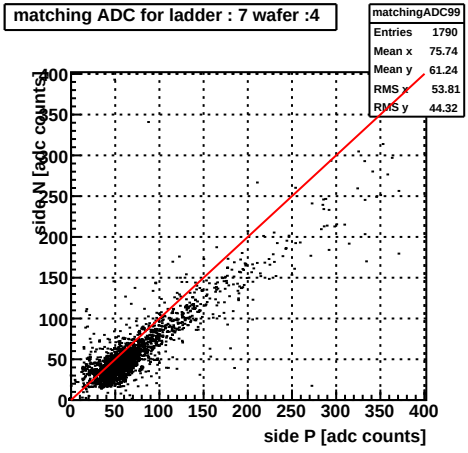

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 8825
Mean x 77.92
Mean y 58.43
RMS x 57.59
RMS y 48.83
side N [adc counts]
side P [adc counts]

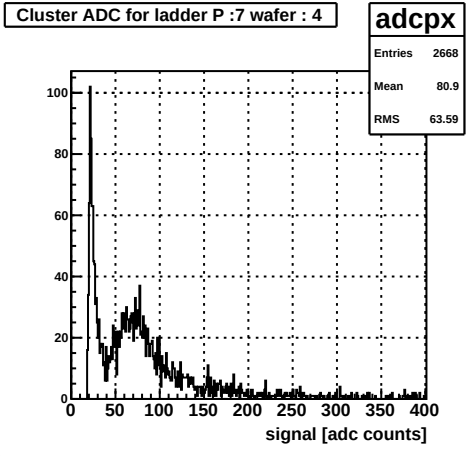

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 20751
Mean 58.35
RMS 58.42
signal [adc counts]

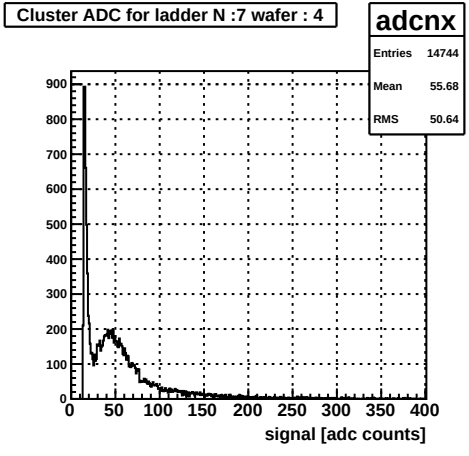

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 13862
Mean 49.87
RMS 47.67
signal [adc counts]

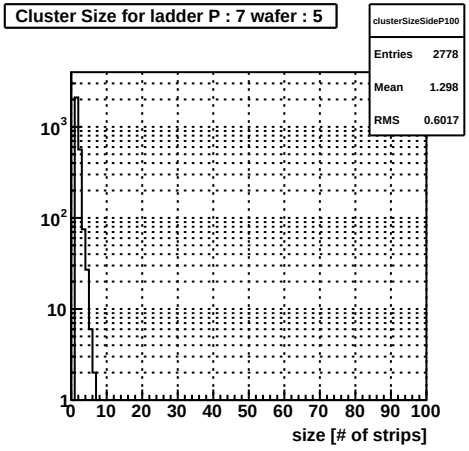

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2668
Mean 1.404
RMS 0.6719
size [# of strips]

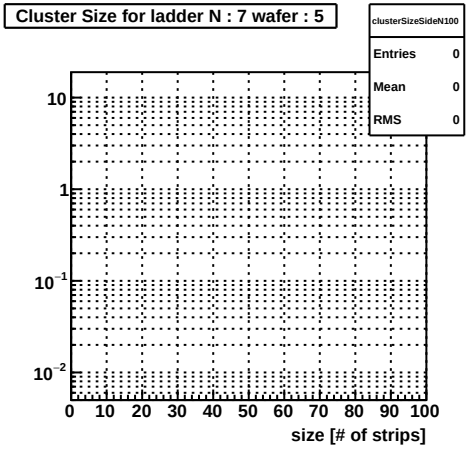

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 14744
Mean 1.479
RMS 0.792
size [# of strips]

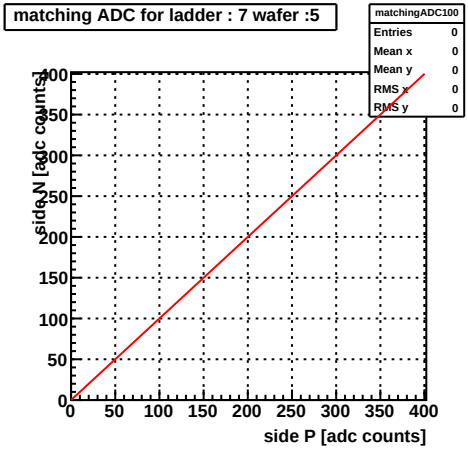

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1790
Mean x 75.74
Mean y 61.24
RMS x 53.81
RMS y 44.32
side N [adc counts]
side P [adc counts]

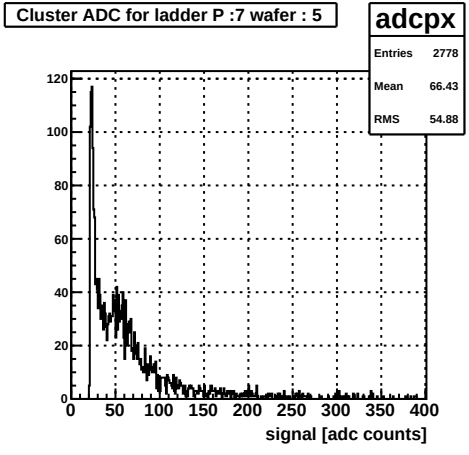

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2668
Mean 80.9
RMS 63.59
signal [adc counts]

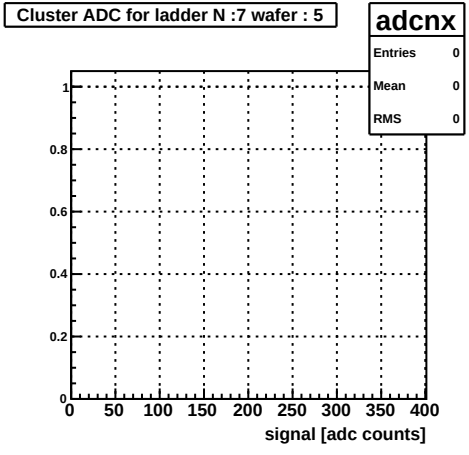

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 14744
Mean 55.68
RMS 50.64
signal [adc counts]

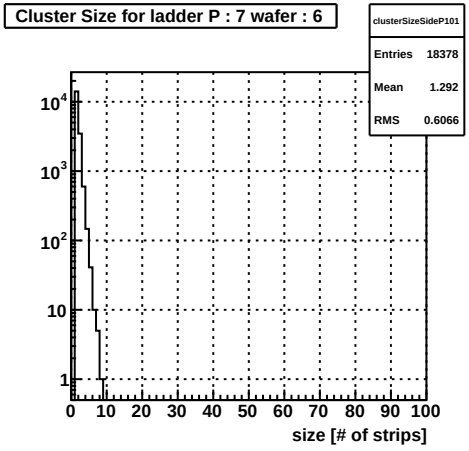

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 2778
Mean 1.298
RMS 0.6017
size [# of strips]

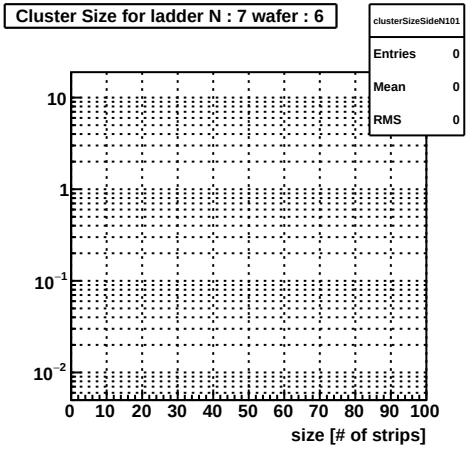

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

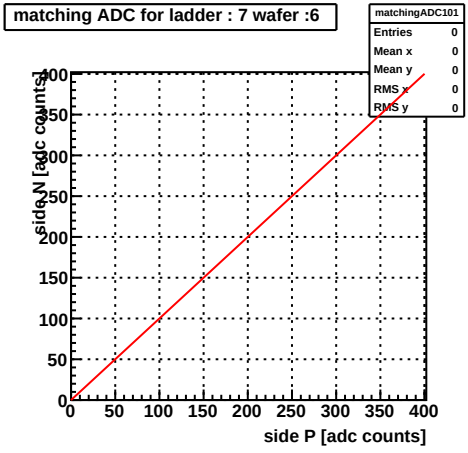

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

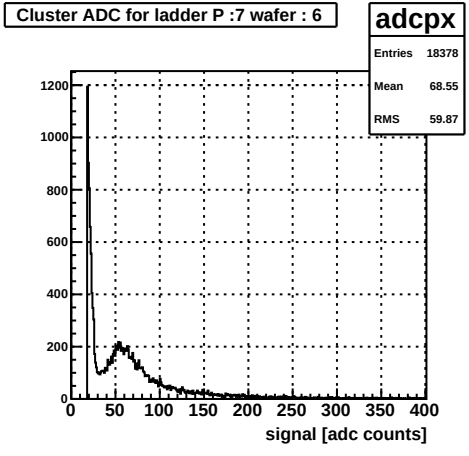

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 2778
Mean 66.43
RMS 54.88
signal [adc counts]

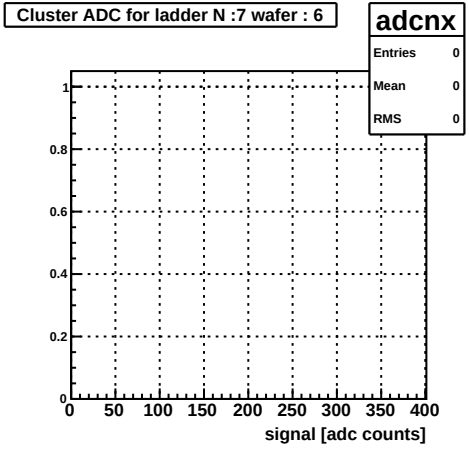

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

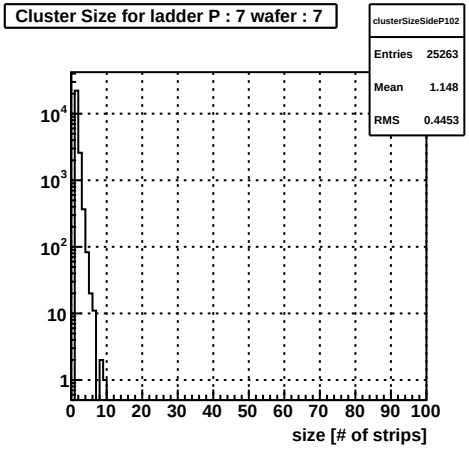

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 18378
Mean 1.292
RMS 0.6066
size [# of strips]

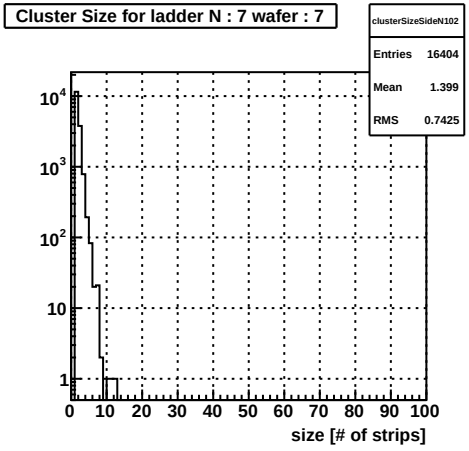

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

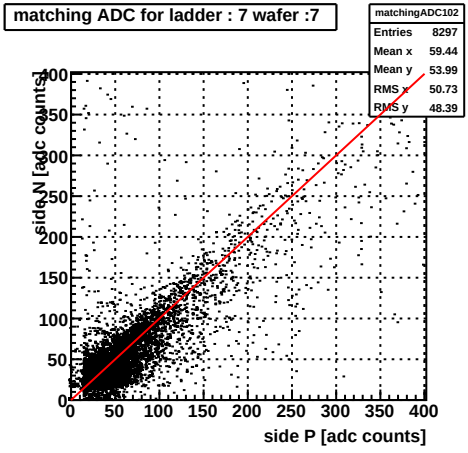

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

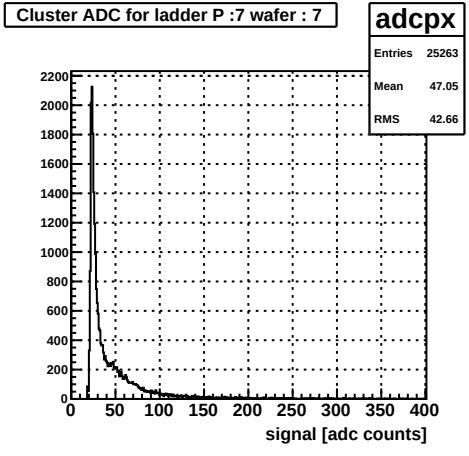

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 18378
Mean 68.55
RMS 59.87
signal [adc counts]

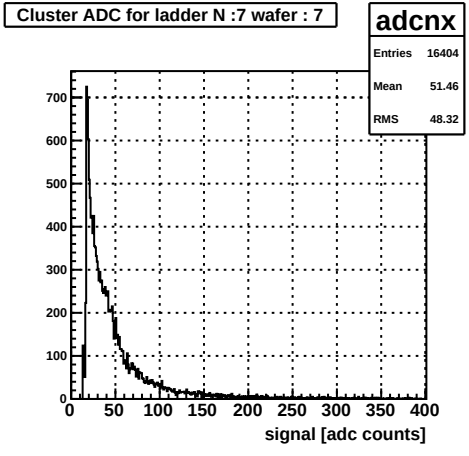

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

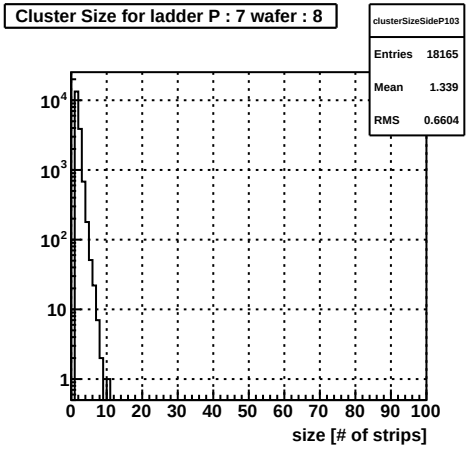

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 25263
Mean 1.148
RMS 0.4453
size [# of strips]

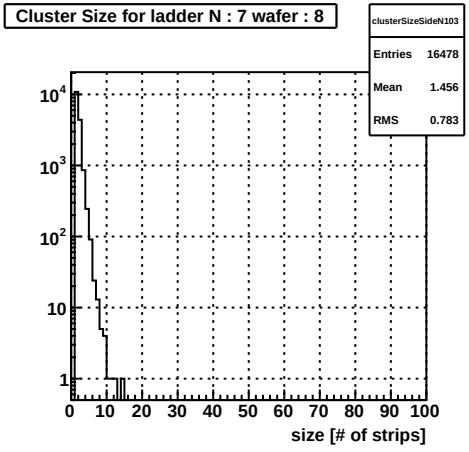

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 16404
Mean 1.399
RMS 0.7425
size [# of strips]

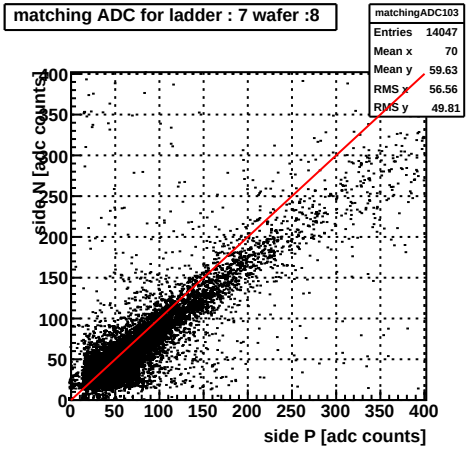

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 8297
Mean x 59.44
Mean y 53.99
RMS x 50.73
RMS y 48.39
side N [adc counts]
side P [adc counts]

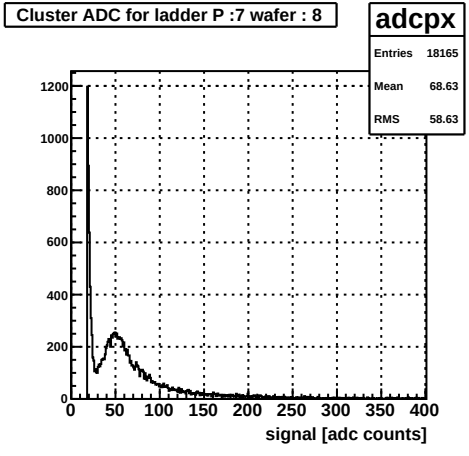

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 25263
Mean 47.05
RMS 42.66
signal [adc counts]

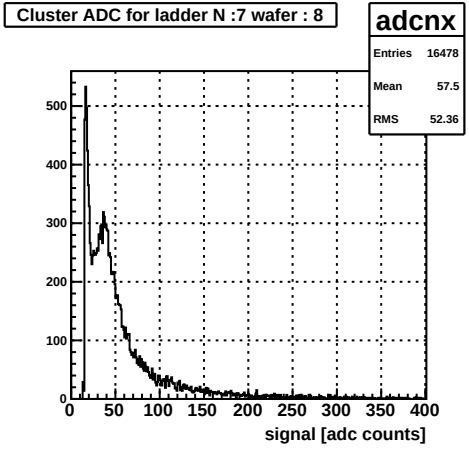

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 16404
Mean 51.46
RMS 48.32
signal [adc counts]

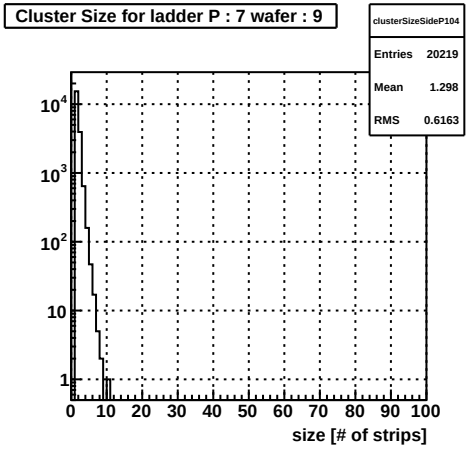

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 18165
Mean 1.339
RMS 0.6604
size [# of strips]

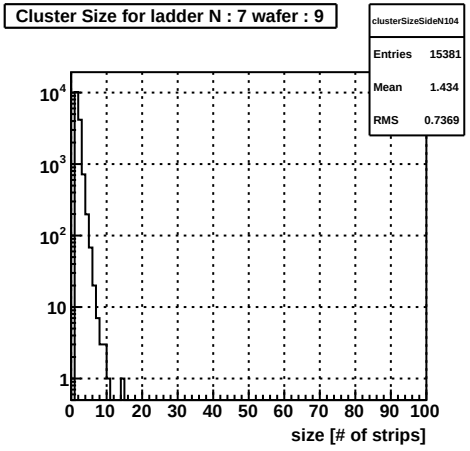

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 16478
Mean 1.456
RMS 0.783
size [# of strips]

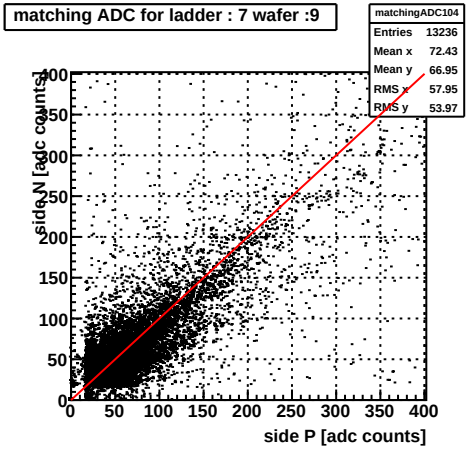

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 14047
Mean x 70
Mean y 59.63
RMS x 56.56
RMS y 49.81
side N [adc counts]
side P [adc counts]

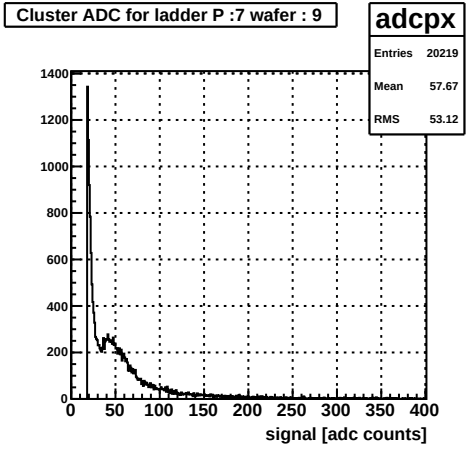

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 18165
Mean 68.63
RMS 58.63
signal [adc counts]

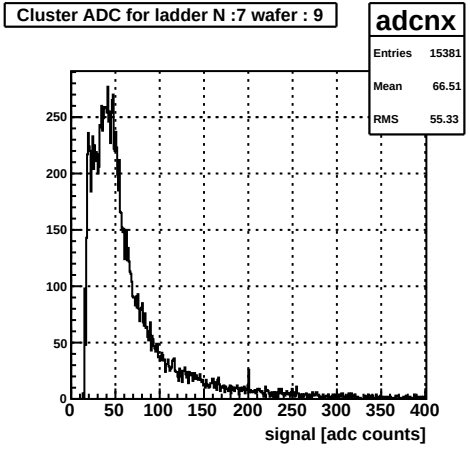

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 16478
Mean 57.5
RMS 52.36
signal [adc counts]

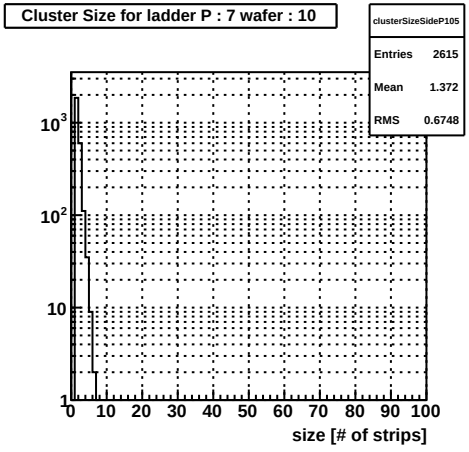

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 20219
Mean 1.298
RMS 0.6163
size [# of strips]

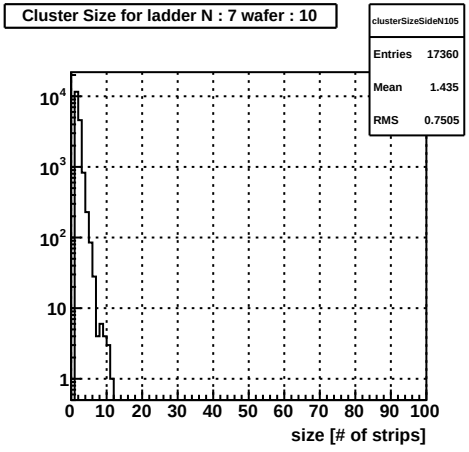

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 15381
Mean 1.434
RMS 0.7369
size [# of strips]

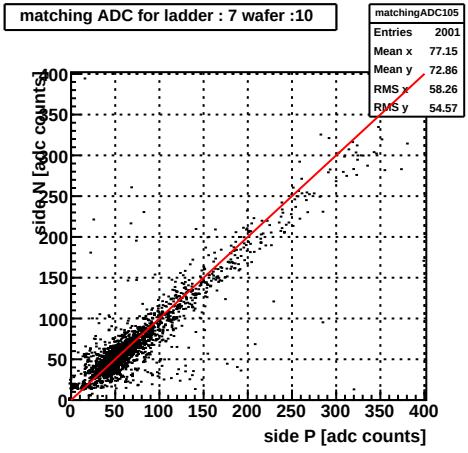

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 13236
Mean x 72.43
Mean y 66.95
RMS x 57.95
RMS y 53.97
side N [adc counts]
side P [adc counts]

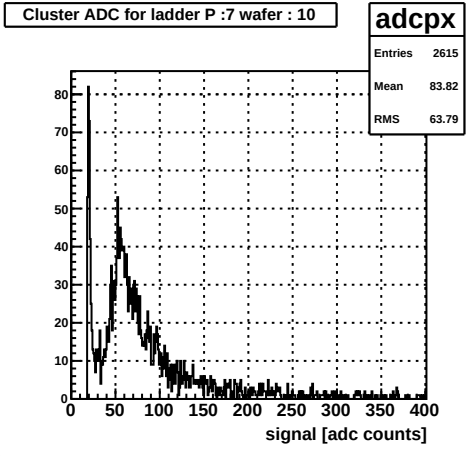

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 20219
Mean 57.67
RMS 53.12
signal [adc counts]

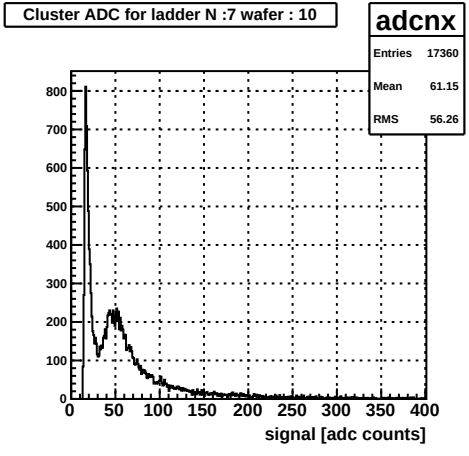

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 15381
Mean 66.51
RMS 55.33
signal [adc counts]

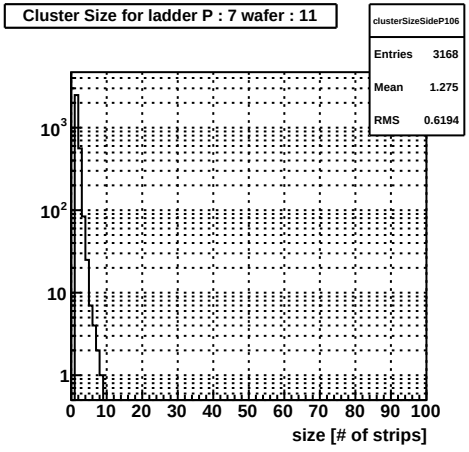

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 2615
Mean 1.372
RMS 0.6748
size [# of strips]

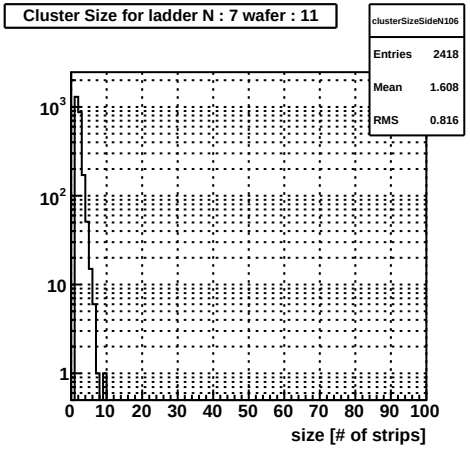

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 17360
Mean 1.435
RMS 0.7505
size [# of strips]

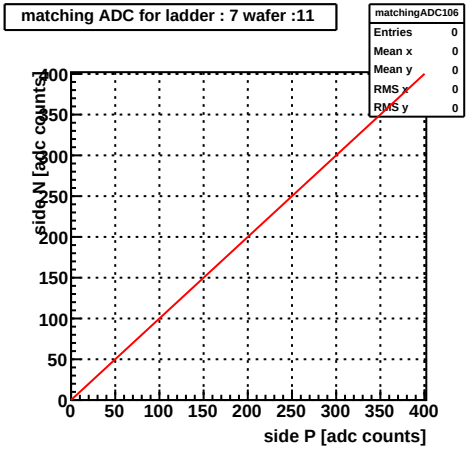

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2001
Mean x 77.15
Mean y 72.86
RMS x 58.26
RMS y 54.57
side N [adc counts]
side P [adc counts]

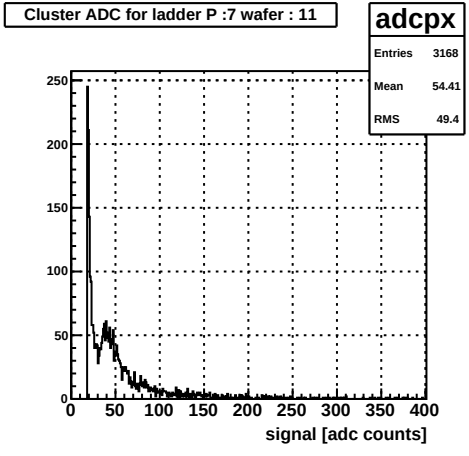

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 2615
Mean 83.82
RMS 63.79
signal [adc counts]

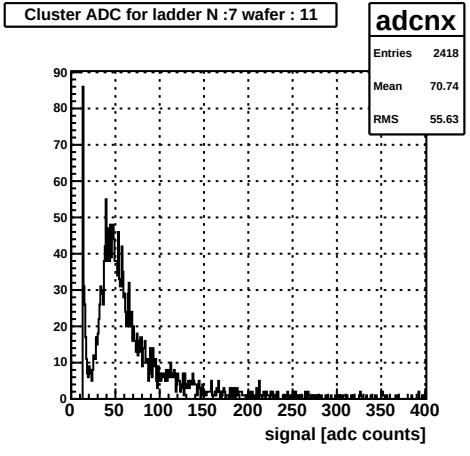

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 17360
Mean 61.15
RMS 56.26
signal [adc counts]

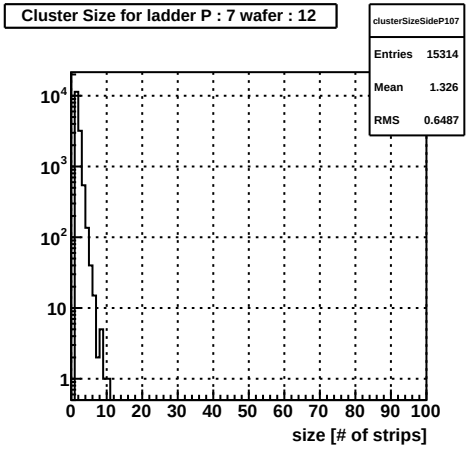

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3168
Mean 1.275
RMS 0.6194
size [# of strips]

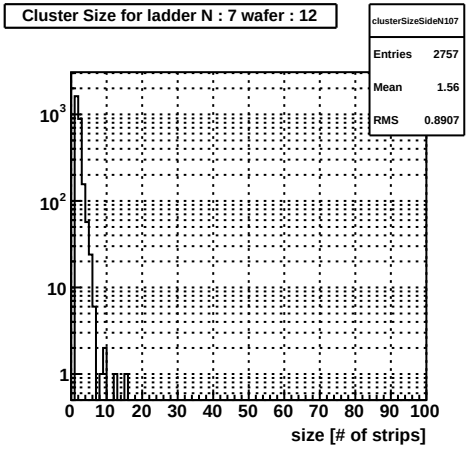

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2418
Mean 1.608
RMS 0.816
size [# of strips]

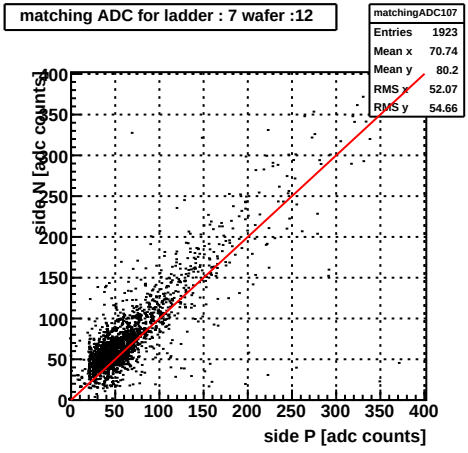

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

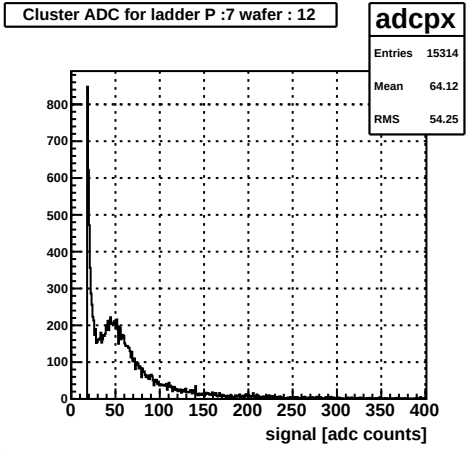

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3168
Mean 54.41
RMS 49.4
signal [adc counts]

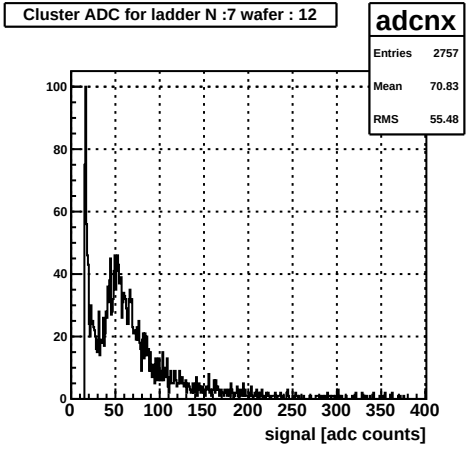

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2418
Mean 70.74
RMS 55.63
signal [adc counts]

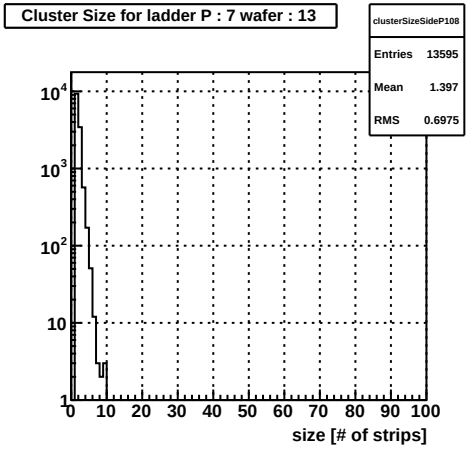

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 15314
Mean 1.326
RMS 0.6487
size [# of strips]

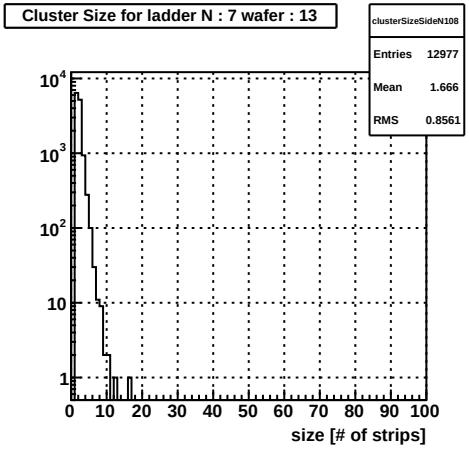

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2757
Mean 1.56
RMS 0.8907
size [# of strips]

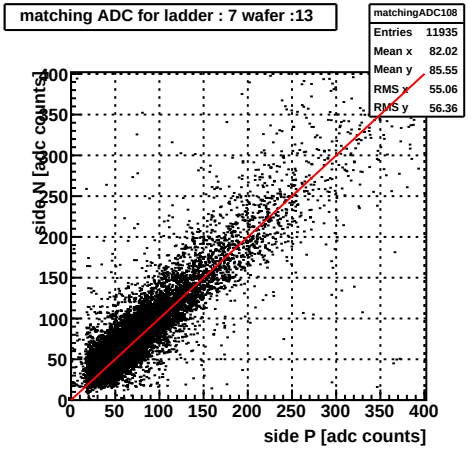

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1923
Mean x 70.74
Mean y 80.2
RMS x 52.07
RMS y 54.66
side N [adc counts]
side P [adc counts]

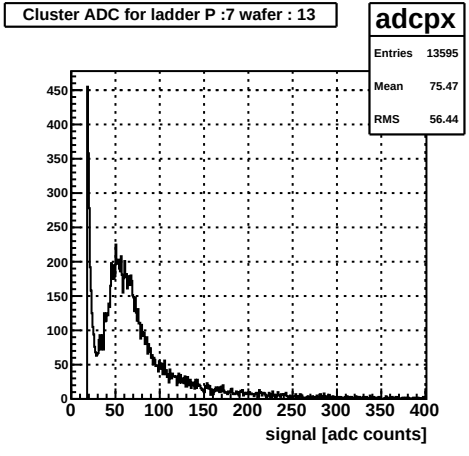

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 15314
Mean 64.12
RMS 54.25
signal [adc counts]

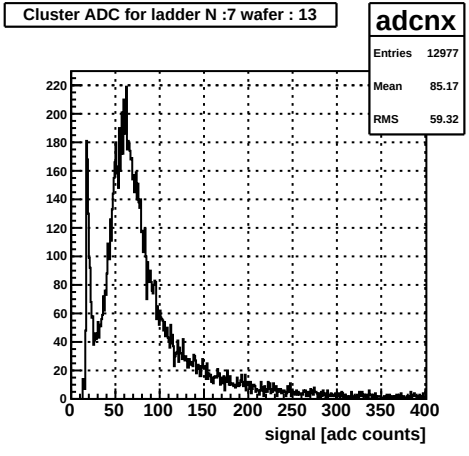

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2757
Mean 70.83
RMS 55.48
signal [adc counts]

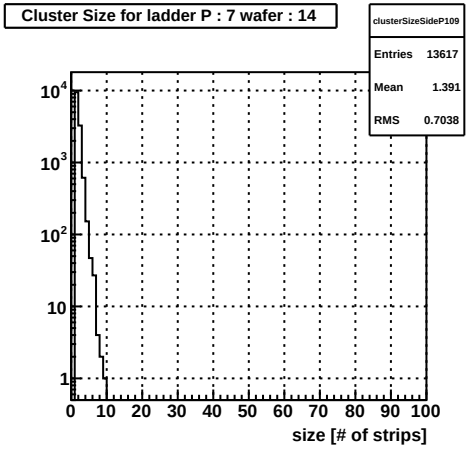

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 13595
Mean 1.397
RMS 0.6975
size [# of strips]

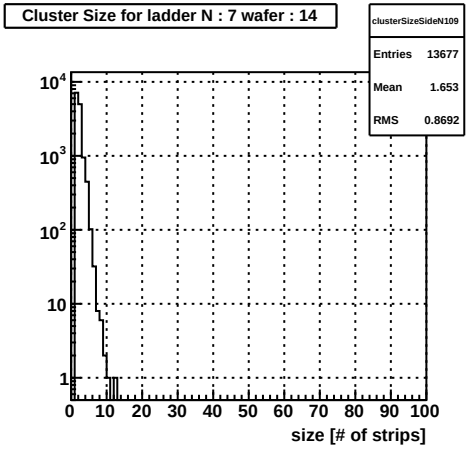

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 12977
Mean 1.666
RMS 0.8561
size [# of strips]

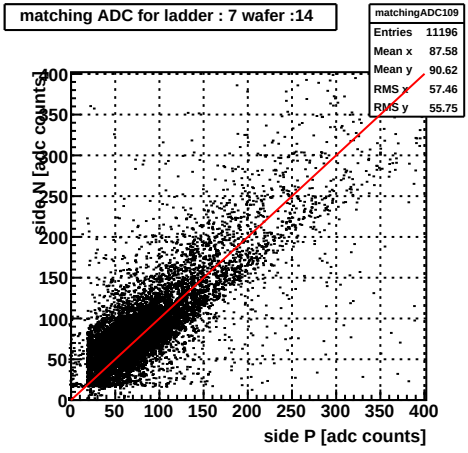

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 11935
Mean x 82.02
Mean y 85.55
RMS x 55.06
RMS y 56.36
side N [adc counts]
side P [adc counts]

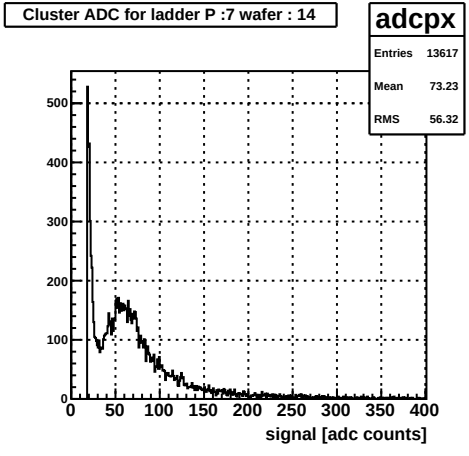

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 13595
Mean 75.47
RMS 56.44
signal [adc counts]

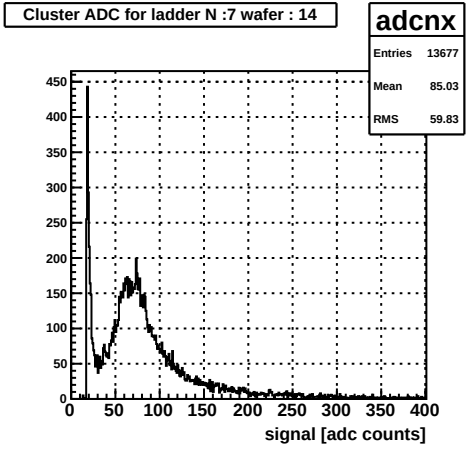

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 12977
Mean 85.17
RMS 59.32
signal [adc counts]

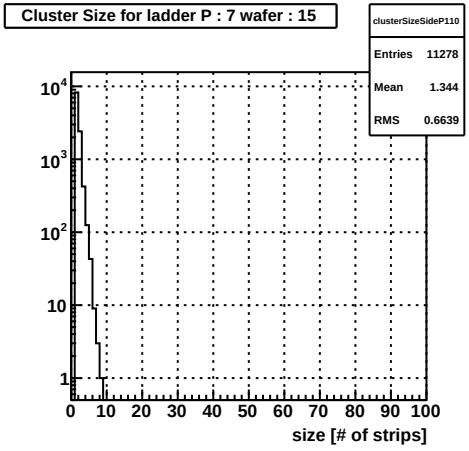

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 13617
Mean 1.391
RMS 0.7038
size [# of strips]

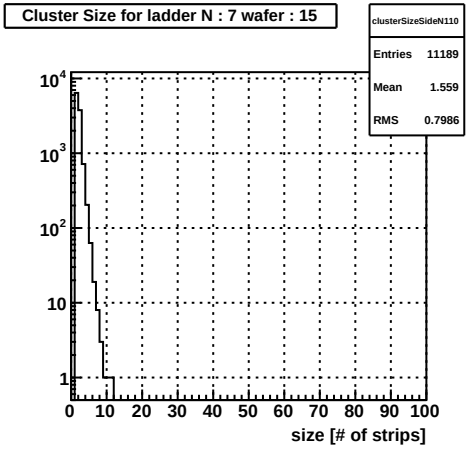

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 13677
Mean 1.653
RMS 0.8692
size [# of strips]

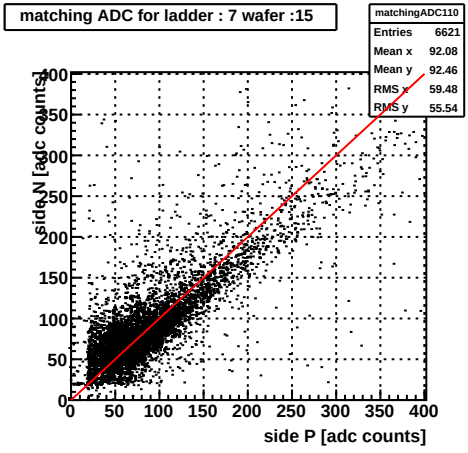

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 11196
Mean x 87.58
Mean y 90.62
RMS x 57.46
RMS y 55.75
side N [adc counts]
side P [adc counts]

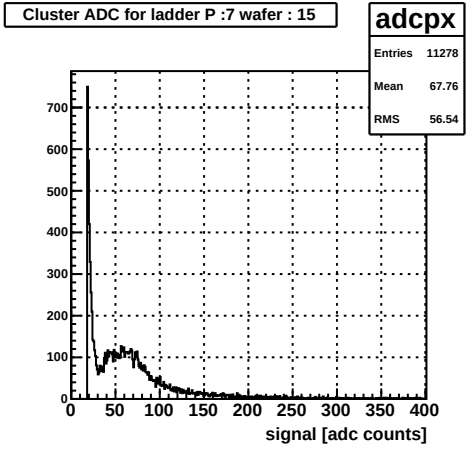

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 13617
Mean 73.23
RMS 56.32
signal [adc counts]

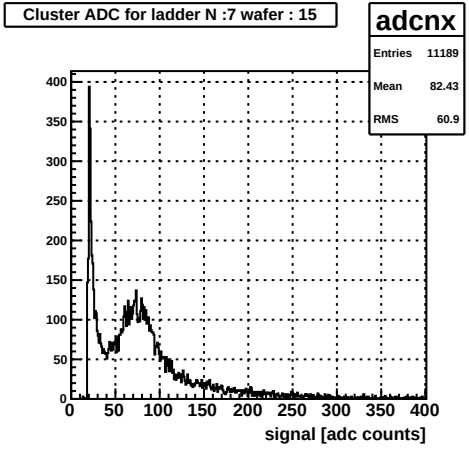

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 13677
Mean 85.03
RMS 59.83
signal [adc counts]

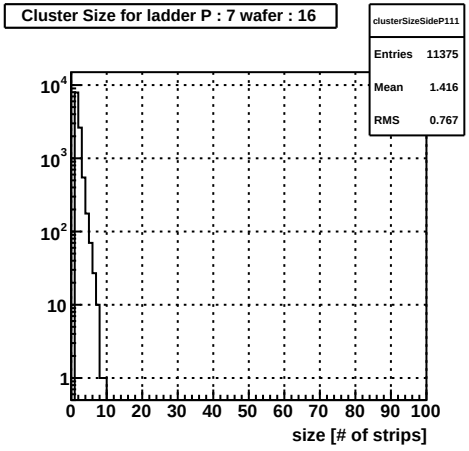

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 11278
Mean 1.344
RMS 0.6639
size [# of strips]

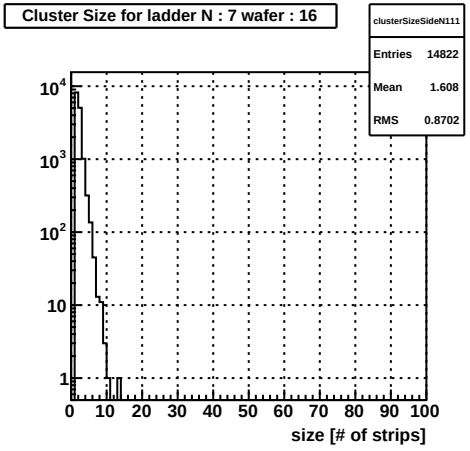

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 11189
Mean 1.559
RMS 0.7986
size [# of strips]

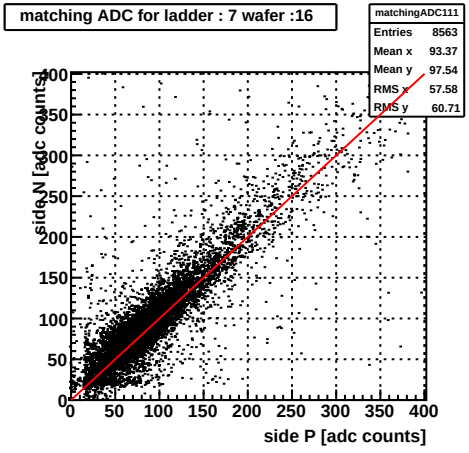

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 6621
Mean x 92.08
Mean y 92.46
RMS x 59.48
RMS y 55.54
side N [adc counts]
side P [adc counts]

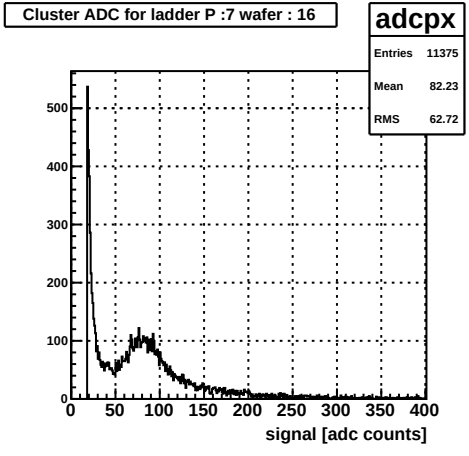

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 11278
Mean 67.76
RMS 56.54
signal [adc counts]

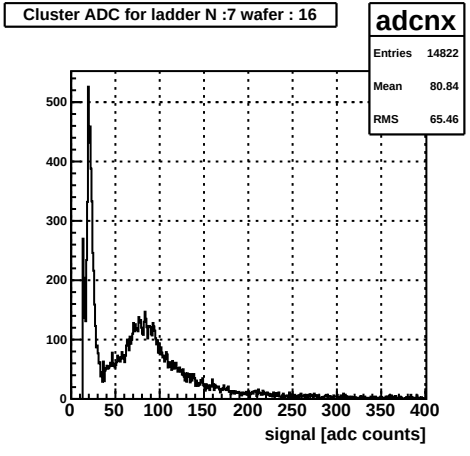

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 11189
Mean 82.43
RMS 60.9
signal [adc counts]

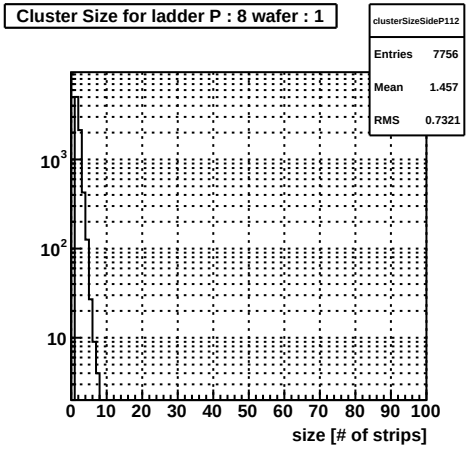

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 11375
Mean 1.416
RMS 0.767
size [# of strips]

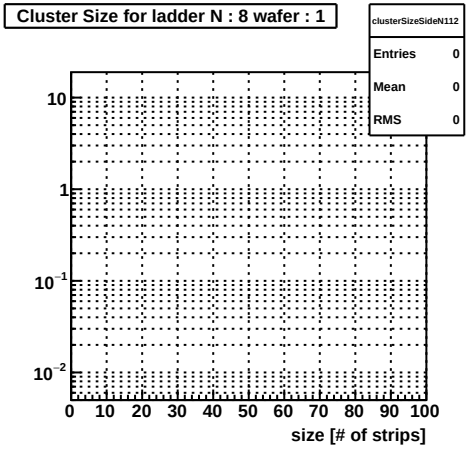

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 14822
Mean 1.608
RMS 0.8702
size [# of strips]

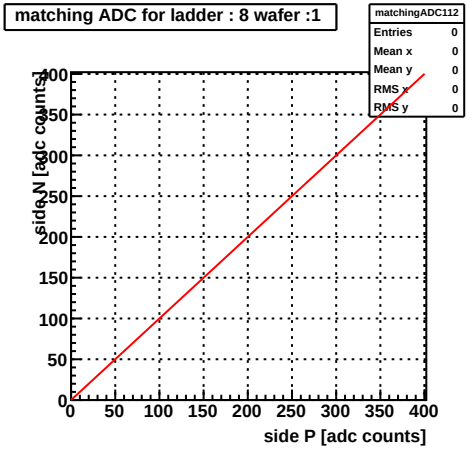

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 8563
Mean x 93.37
Mean y 97.54
RMS x 57.58
RMS y 60.71
side N [adc counts]
side P [adc counts]

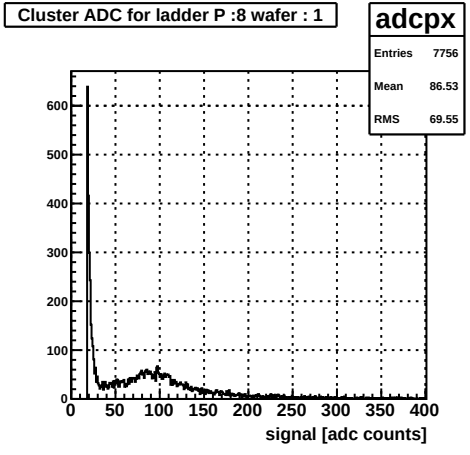

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 11375
Mean 82.23
RMS 62.72
signal [adc counts]

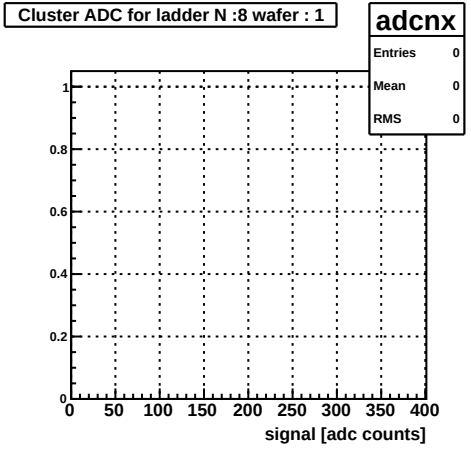

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 14822
Mean 80.84
RMS 65.46
signal [adc counts]

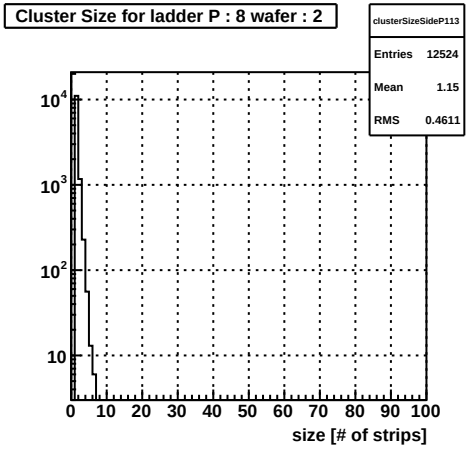

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 7756
Mean 1.457
RMS 0.7321
size [# of strips]

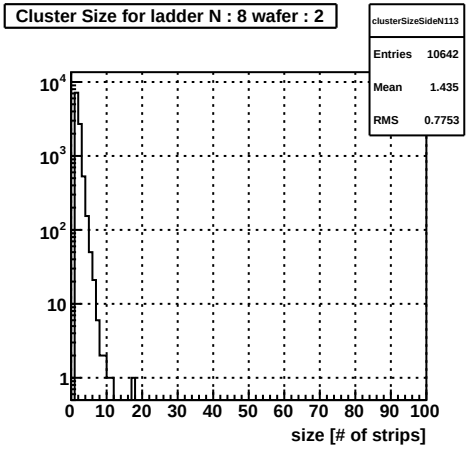

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

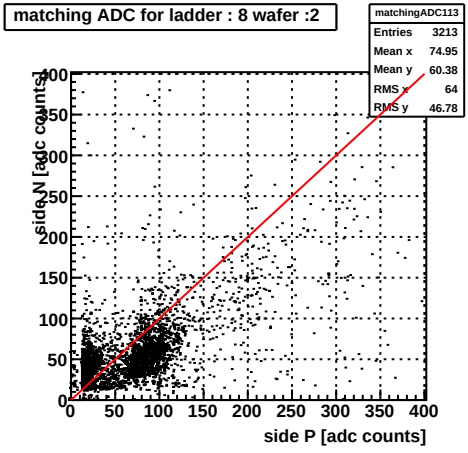

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

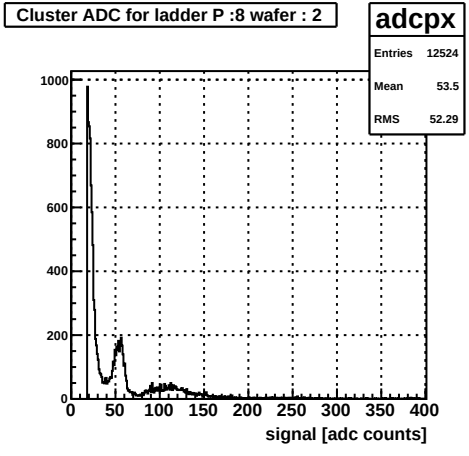

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 7756
Mean 86.53
RMS 69.55
signal [adc counts]

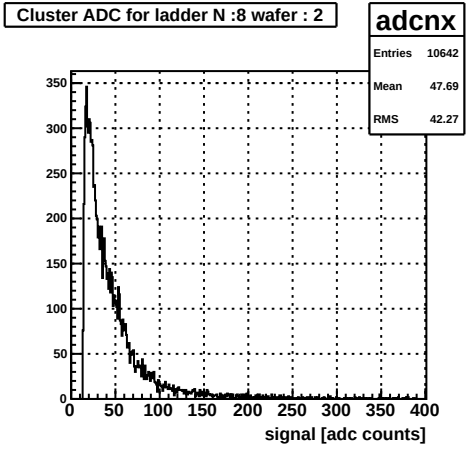

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

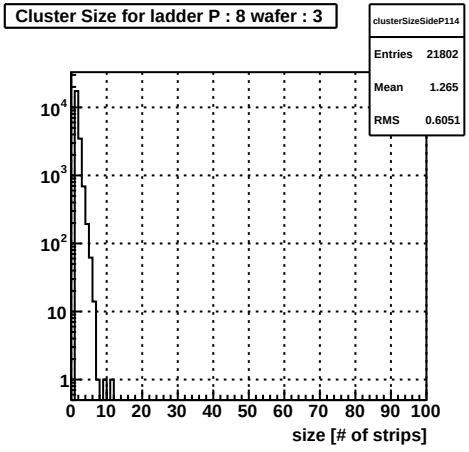

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 12524
Mean 1.15
RMS 0.4611
size [# of strips]

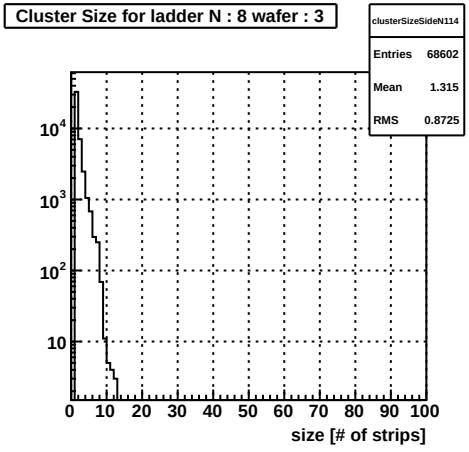

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 10642
Mean 1.435
RMS 0.7753
size [# of strips]

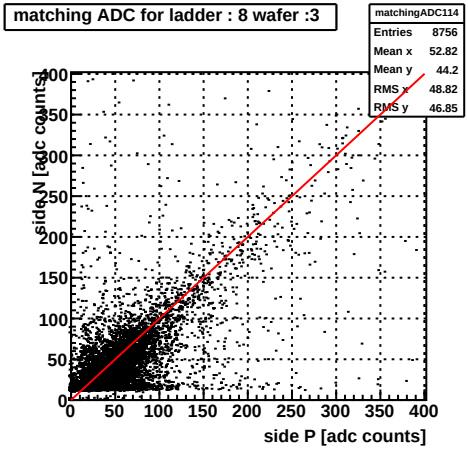

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3213
Mean x 74.95
Mean y 60.38
RMS x 64
RMS y 46.78
side N [adc counts]
side P [adc counts]

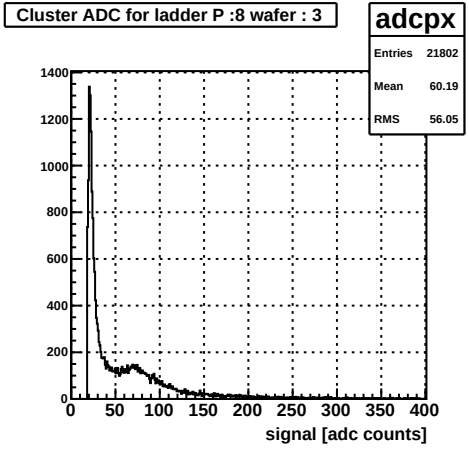

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 12524
Mean 53.5
RMS 52.29
signal [adc counts]

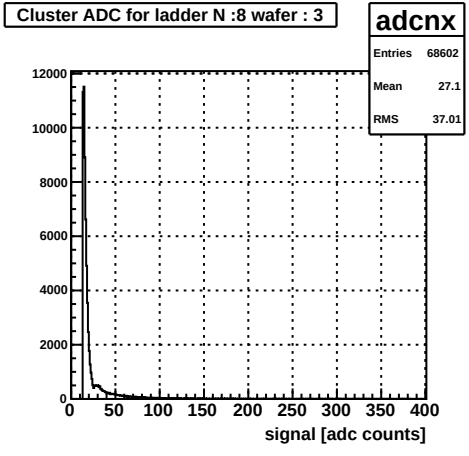

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 10642
Mean 47.69
RMS 42.27
signal [adc counts]

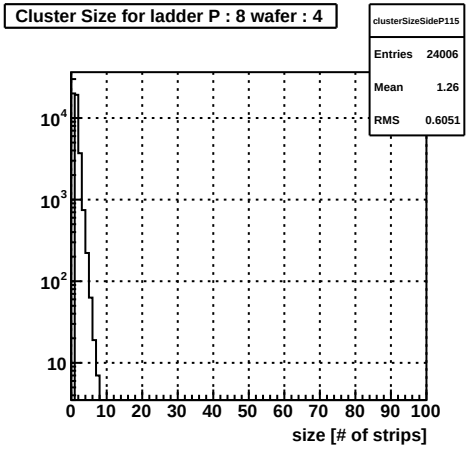

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 21802
Mean 1.265
RMS 0.6051
size [# of strips]

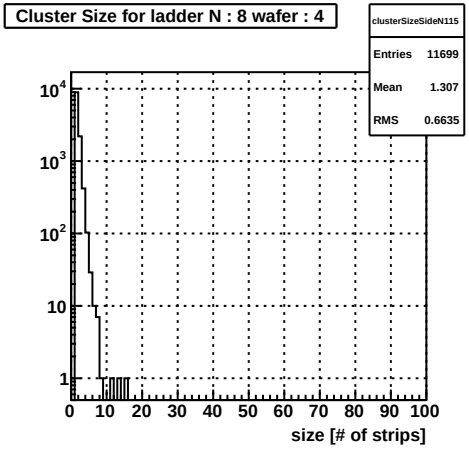

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 68602
Mean 1.315
RMS 0.8725
size [# of strips]

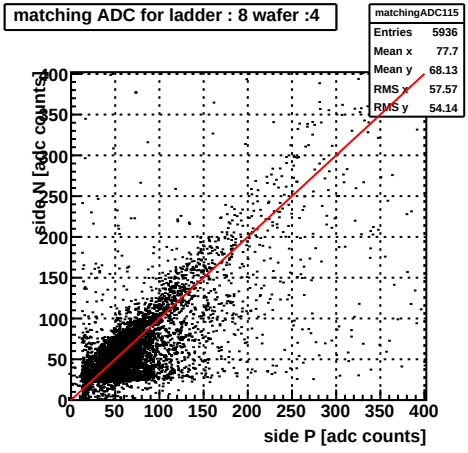

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 8756
Mean x 52.82
Mean y 44.2
RMS x 48.82
RMS y 46.85
side N [adc counts]
side P [adc counts]

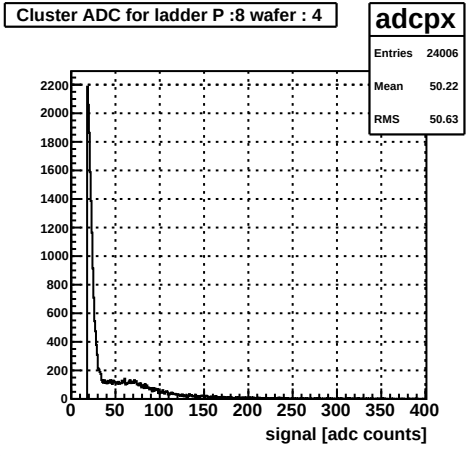

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 21802
Mean 60.19
RMS 56.05
signal [adc counts]

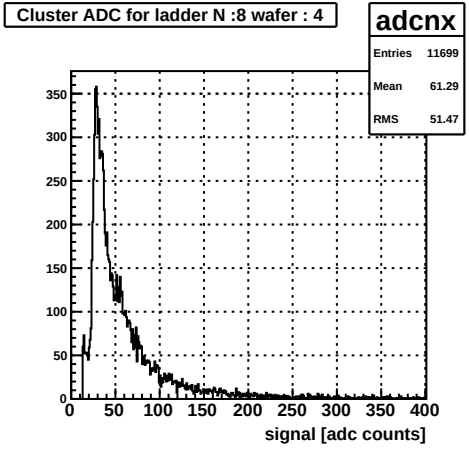

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 68602
Mean 27.1
RMS 37.01
signal [adc counts]

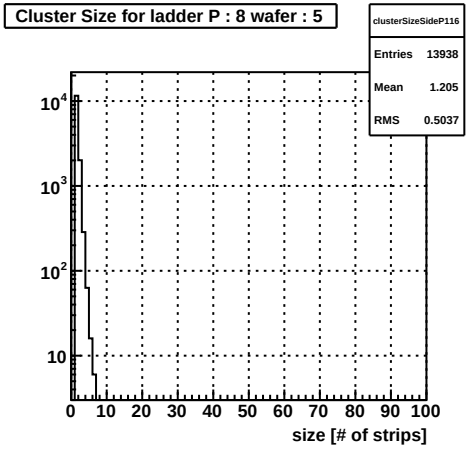

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 24006
Mean 1.26
RMS 0.6051
size [# of strips]

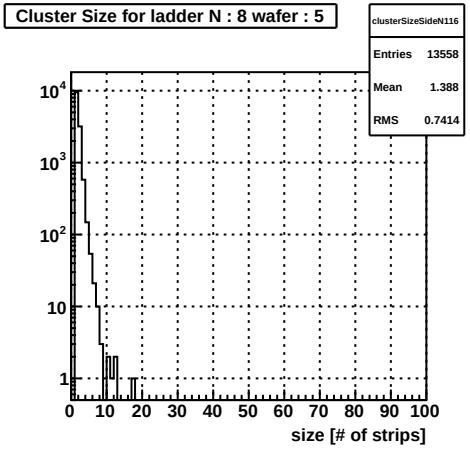

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 11699
Mean 1.307
RMS 0.6635
size [# of strips]

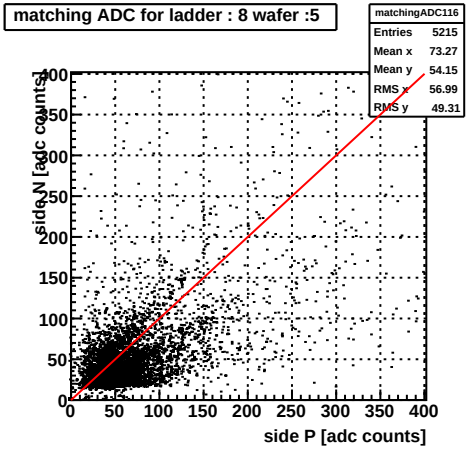

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 5936
Mean x 77.7
Mean y 68.13
RMS x 57.57
RMS y 54.14
side N [adc counts]
side P [adc counts]

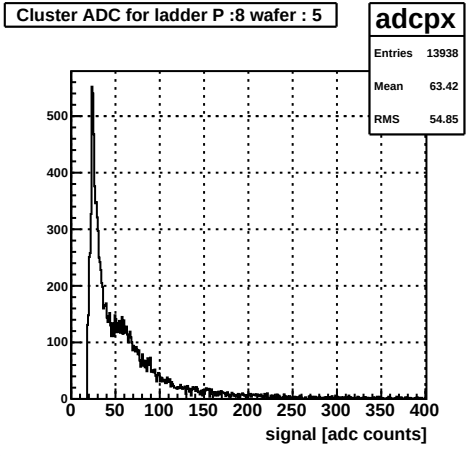

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 24006
Mean 50.22
RMS 50.63
signal [adc counts]

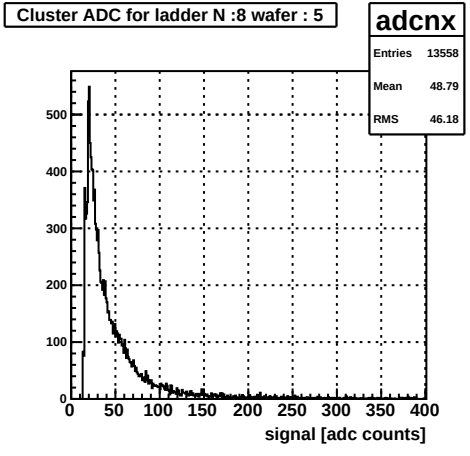

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 11699
Mean 61.29
RMS 51.47
signal [adc counts]

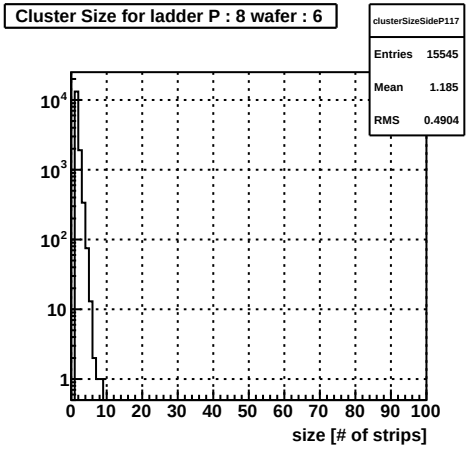

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 13938
Mean 1.205
RMS 0.5037
size [# of strips]

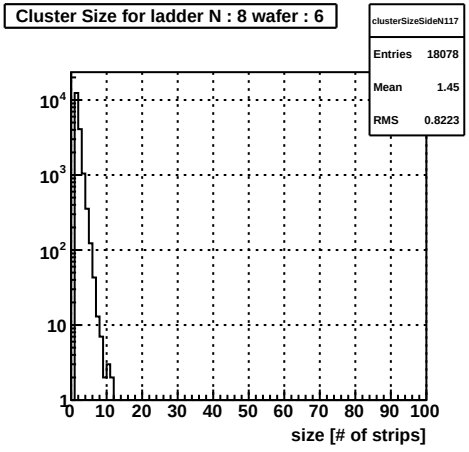

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 13558
Mean 1.388
RMS 0.7414
size [# of strips]

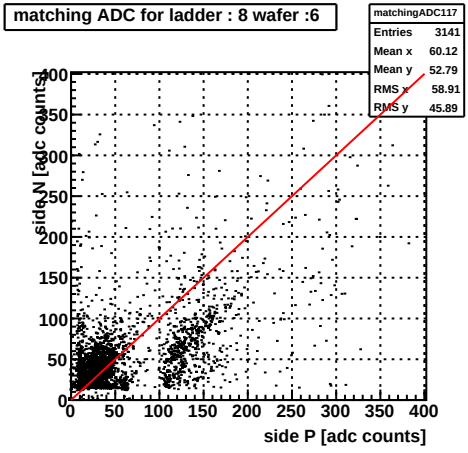

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 5215
Mean x 73.27
Mean y 54.15
RMS x 56.99
RMS y 49.31
side N [adc counts]
side P [adc counts]

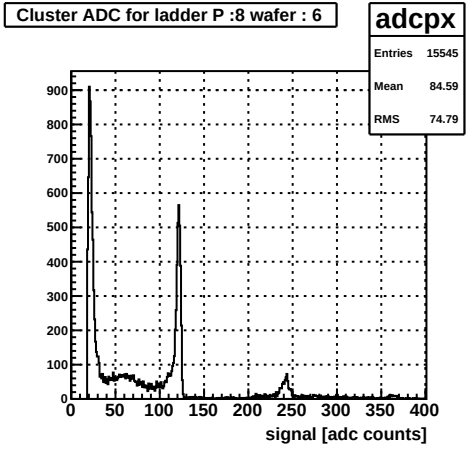

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 13938
Mean 63.42
RMS 54.85
signal [adc counts]

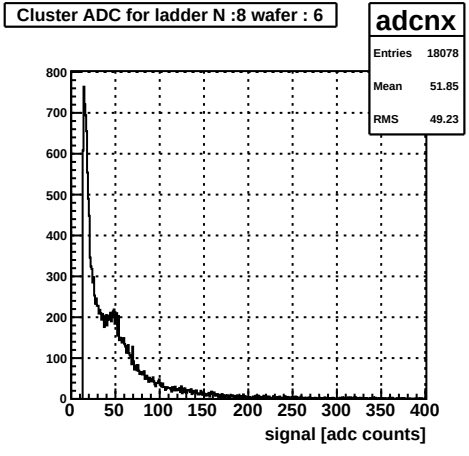

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 13558
Mean 48.79
RMS 46.18
signal [adc counts]

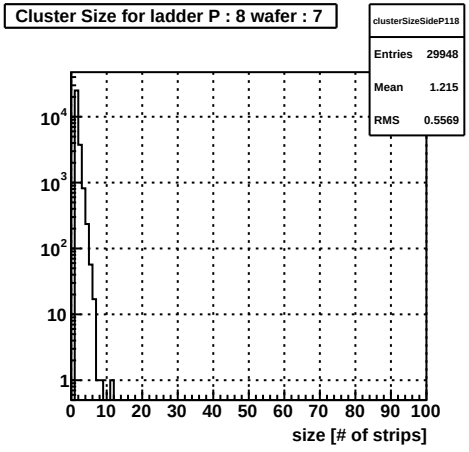

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 15545
Mean 1.185
RMS 0.4904
size [# of strips]

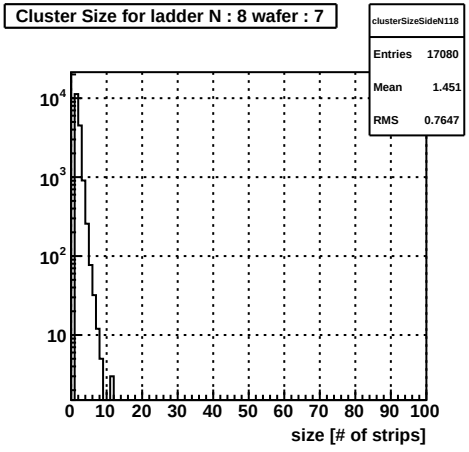

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 18078
Mean 1.45
RMS 0.8223
size [# of strips]

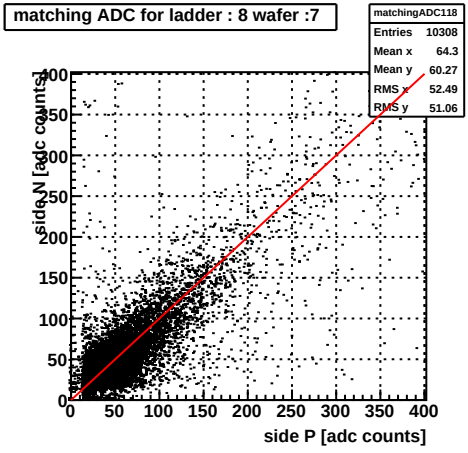

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3141
Mean x 60.12
Mean y 52.79
RMS x 58.91
RMS y 45.89
side N [adc counts]
side P [adc counts]

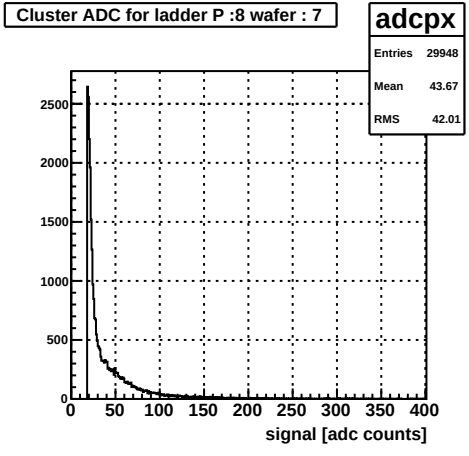

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 15545
Mean 84.59
RMS 74.79
signal [adc counts]

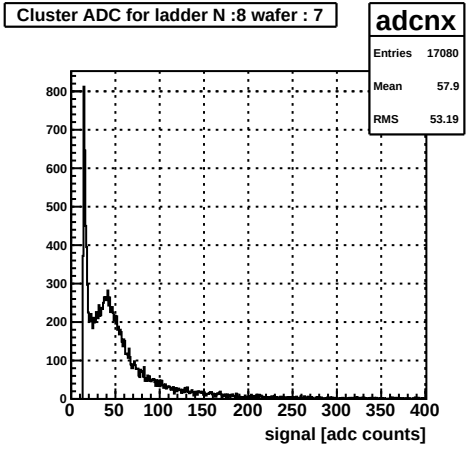

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 18078
Mean 51.85
RMS 49.23
signal [adc counts]

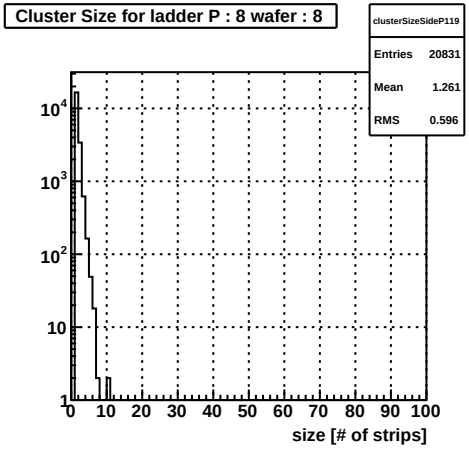

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 29948
Mean 1.215
RMS 0.5569
size [# of strips]

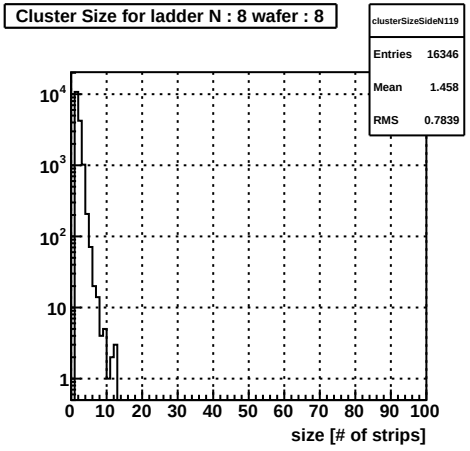

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 17080
Mean 1.451
RMS 0.7647
size [# of strips]

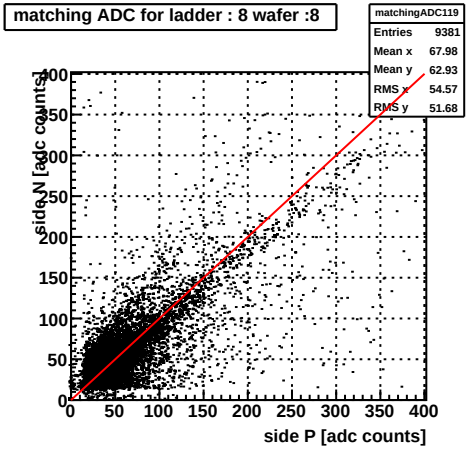

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 10308
Mean x 64.3
Mean y 60.27
RMS x 52.49
RMS y 51.06
side N [adc counts]
side P [adc counts]

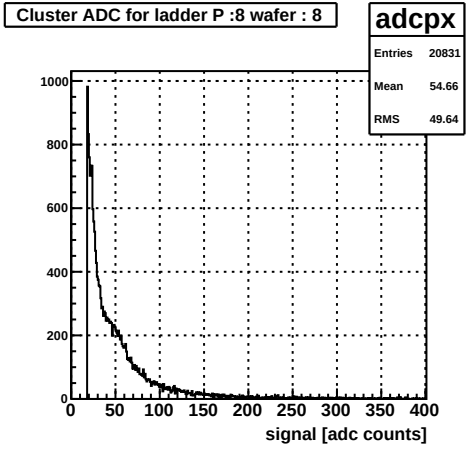

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 29948
Mean 43.67
RMS 42.01
signal [adc counts]

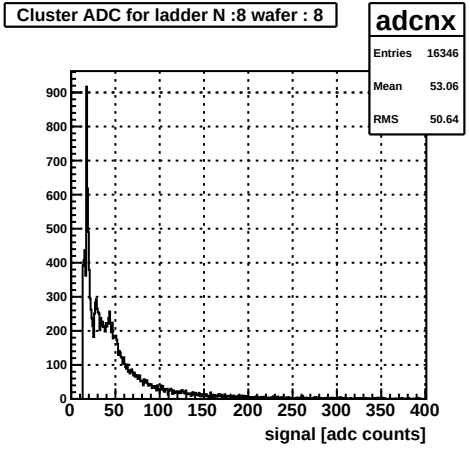

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 17080
Mean 57.9
RMS 53.19
signal [adc counts]

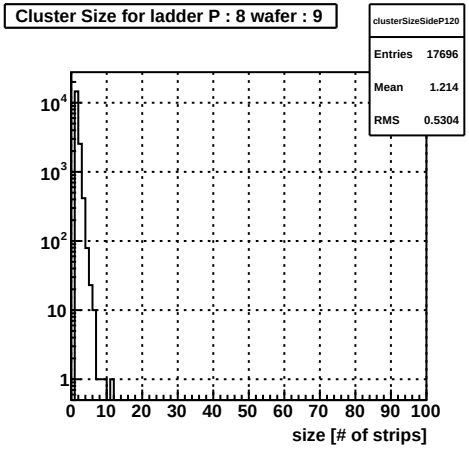

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 20831
Mean 1.261
RMS 0.596
size [# of strips]

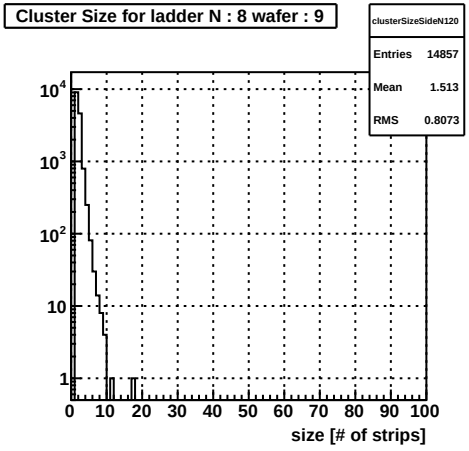

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 16346
Mean 1.458
RMS 0.7839
size [# of strips]

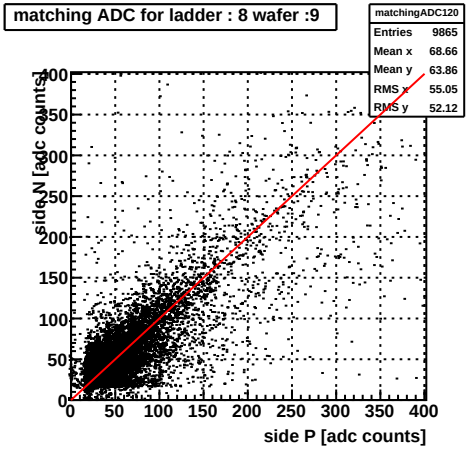

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 9381
Mean x 67.98
Mean y 62.93
RMS x 54.57
RMS y 51.68
side N [adc counts]
side P [adc counts]

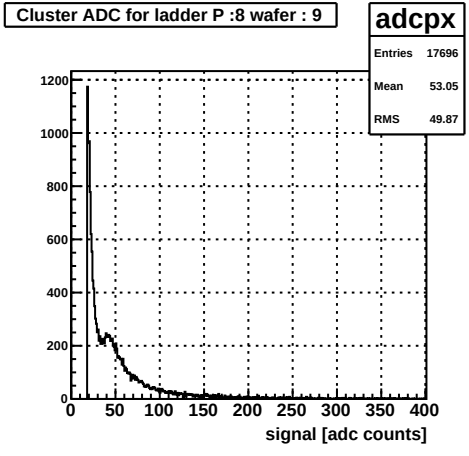

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 20831
Mean 54.66
RMS 49.64
signal [adc counts]

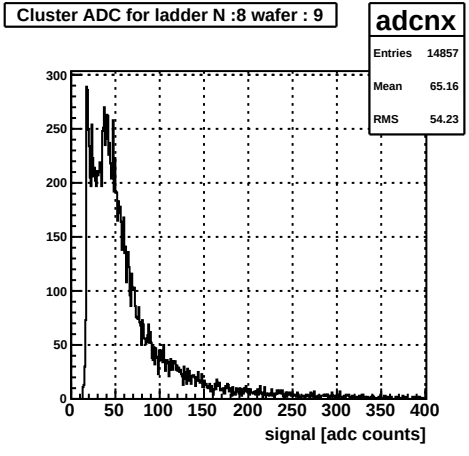

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 16346
Mean 53.06
RMS 50.64
signal [adc counts]

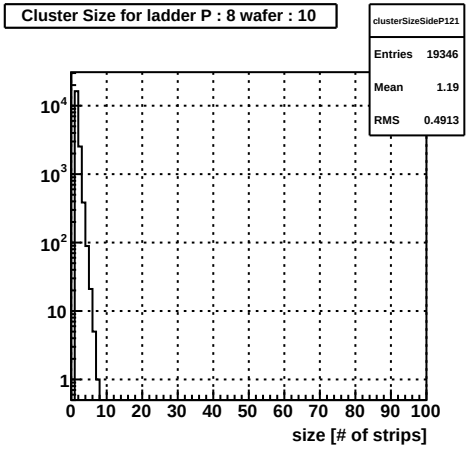

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 17696
Mean 1.214
RMS 0.5304
size [# of strips]

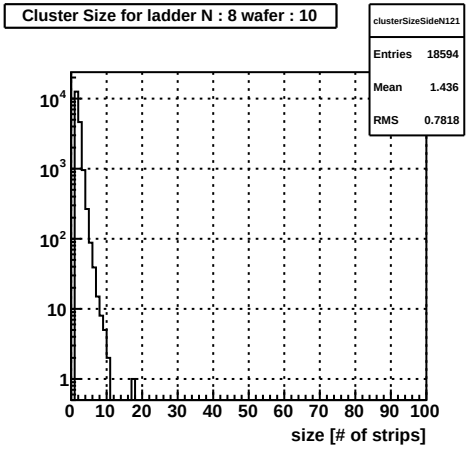

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 14857
Mean 1.513
RMS 0.8073
size [# of strips]

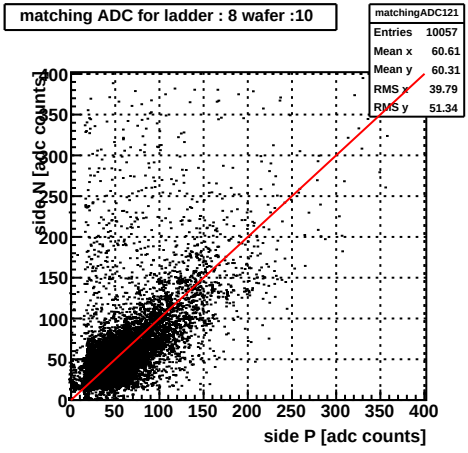

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 9865
Mean x 68.66
Mean y 63.86
RMS x 55.05
RMS y 52.12
side N [adc counts]
side P [adc counts]

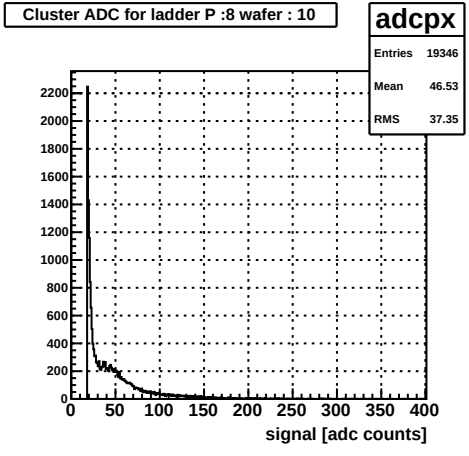

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 17696
Mean 53.05
RMS 49.87
signal [adc counts]

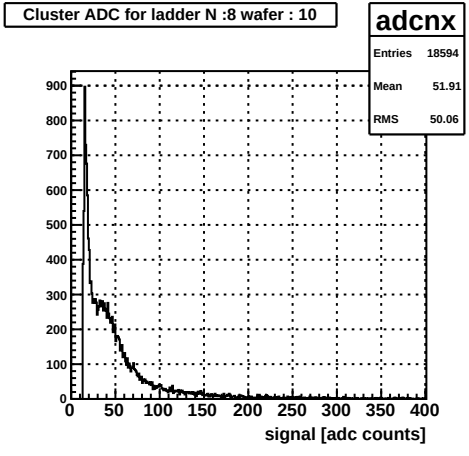

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 14857
Mean 65.16
RMS 54.23
signal [adc counts]

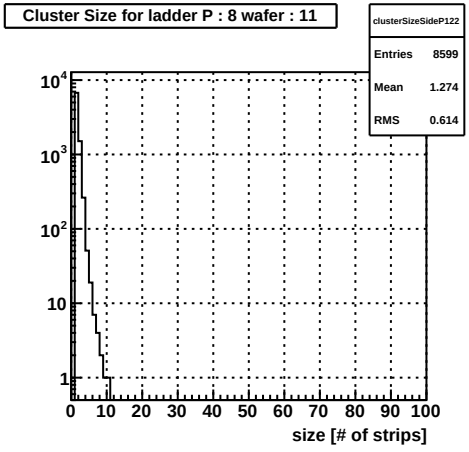

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 19346
Mean 1.19
RMS 0.4913
size [# of strips]

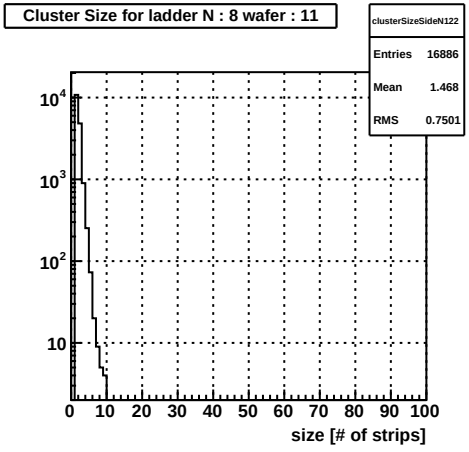

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 18594
Mean 1.436
RMS 0.7818
size [# of strips]

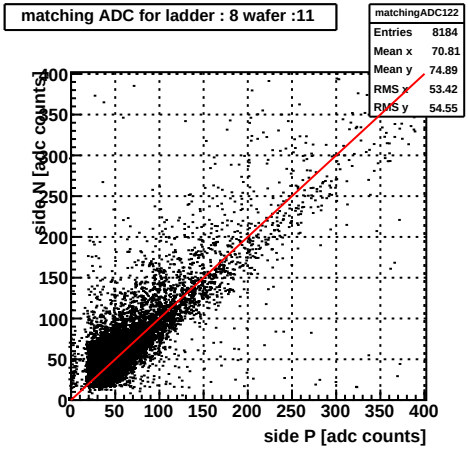

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 10057
Mean x 60.61
Mean y 60.31
RMS x 39.79
RMS y 51.34
side N [adc counts]
side P [adc counts]

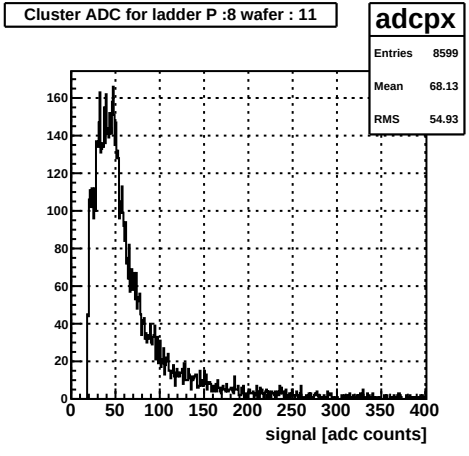

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 19346
Mean 46.53
RMS 37.35
signal [adc counts]

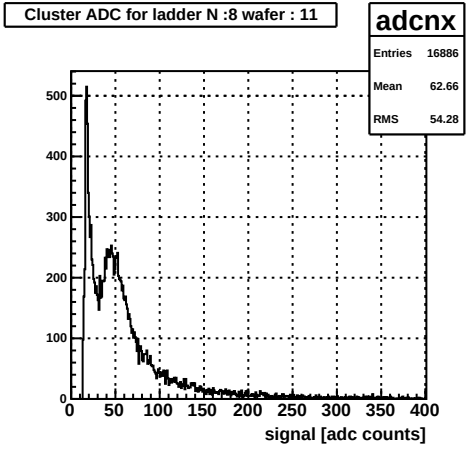

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 18594
Mean 51.91
RMS 50.06
signal [adc counts]

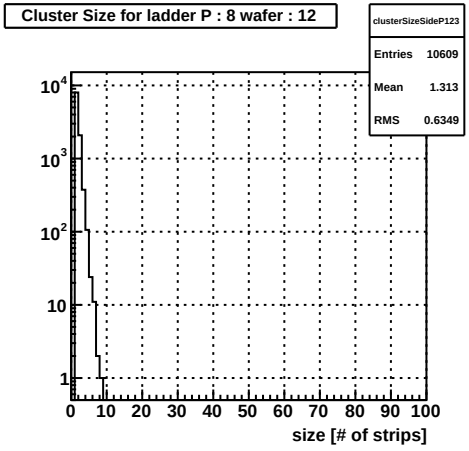

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 8599
Mean 1.274
RMS 0.614
size [# of strips]

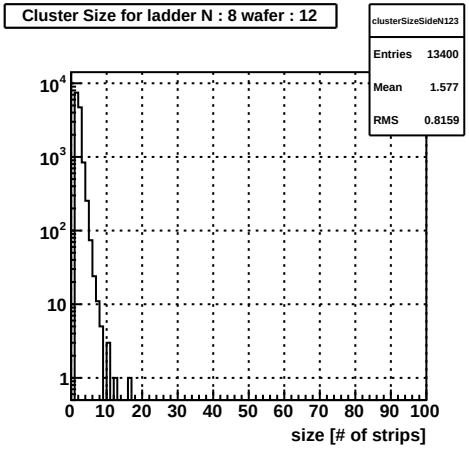

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 16886
Mean 1.468
RMS 0.7501
size [# of strips]

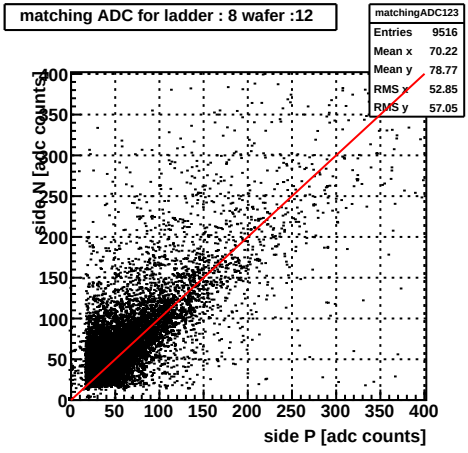

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 8184
Mean x 70.81
Mean y 74.89
RMS x 53.42
RMS y 54.55
side N [adc counts]
side P [adc counts]

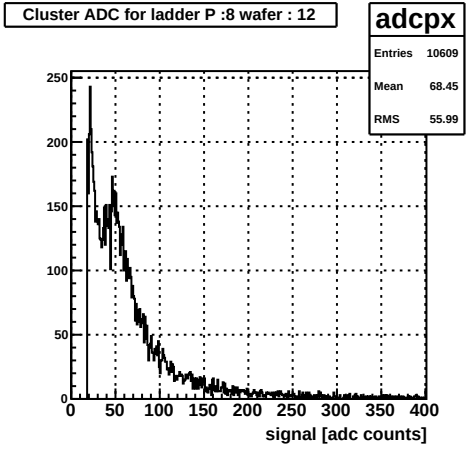

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 8599
Mean 68.13
RMS 54.93
signal [adc counts]

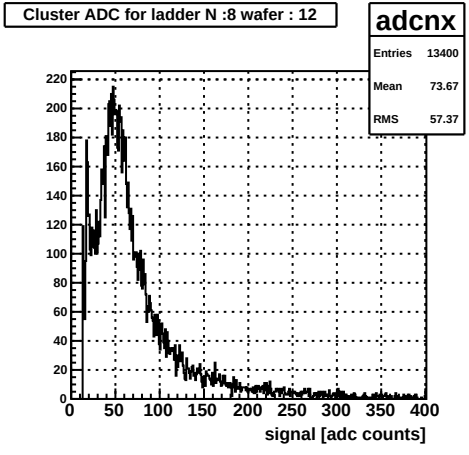

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 16886
Mean 62.66
RMS 54.28
signal [adc counts]

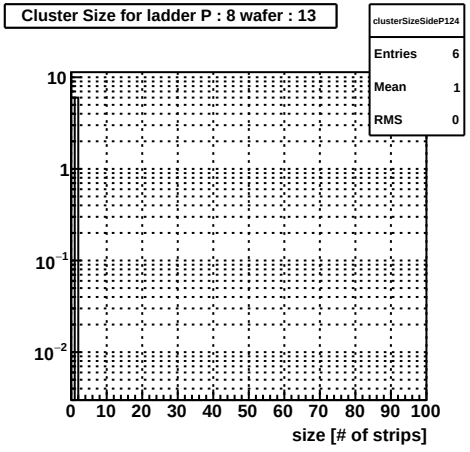

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 10609
Mean 1.313
RMS 0.6349
size [# of strips]

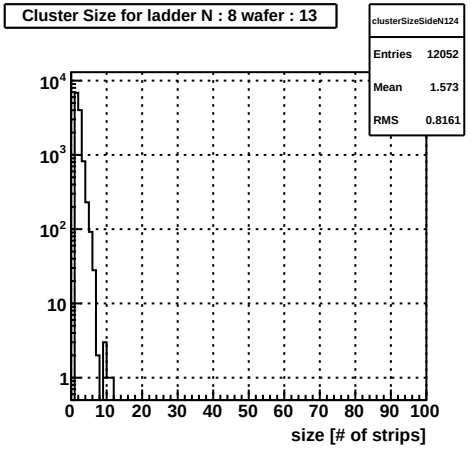

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 13400
Mean 1.577
RMS 0.8159
size [# of strips]

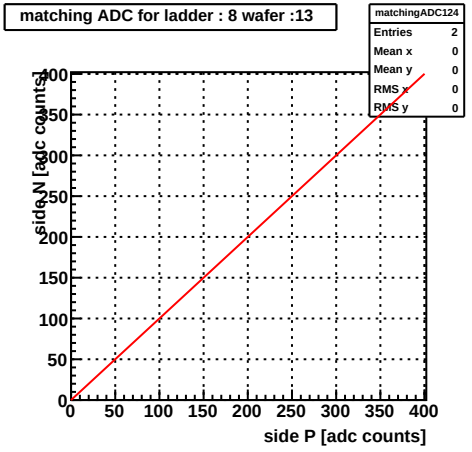

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 9516
Mean x 70.22
Mean y 78.77
RMS x 52.85
RMS y 57.05
side N [adc counts]
side P [adc counts]

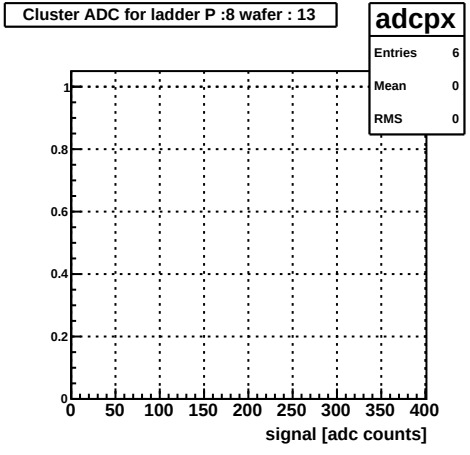

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 10609
Mean 68.45
RMS 55.99
signal [adc counts]

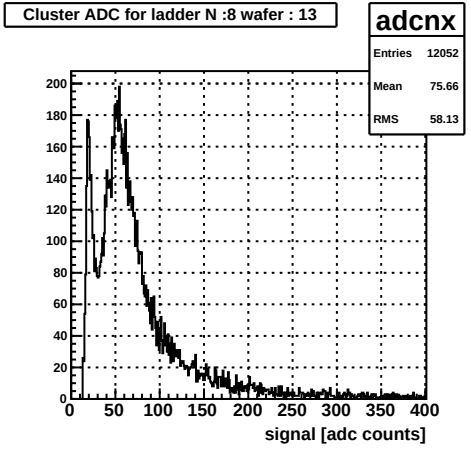

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 13400
Mean 73.67
RMS 57.37
signal [adc counts]

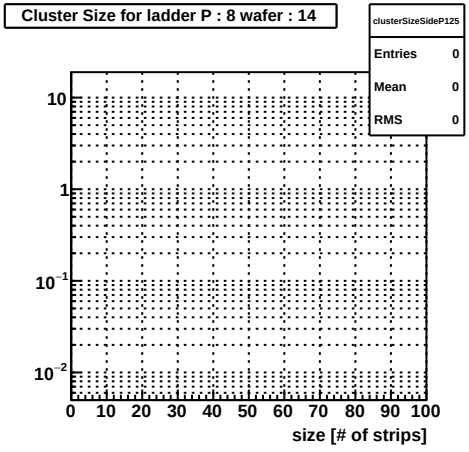

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 6
Mean 1
RMS 0
size [# of strips]

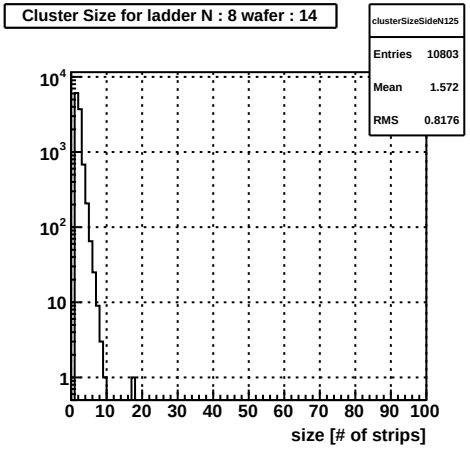

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 12052
Mean 1.573
RMS 0.8161
size [# of strips]

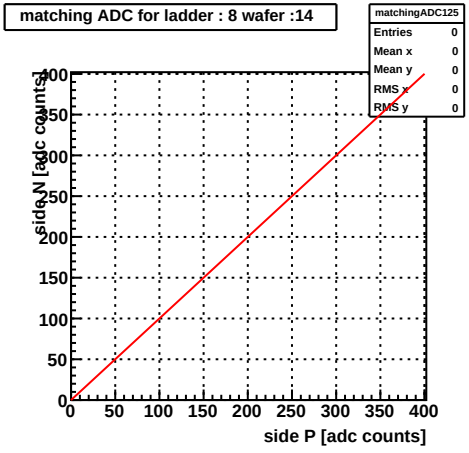

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

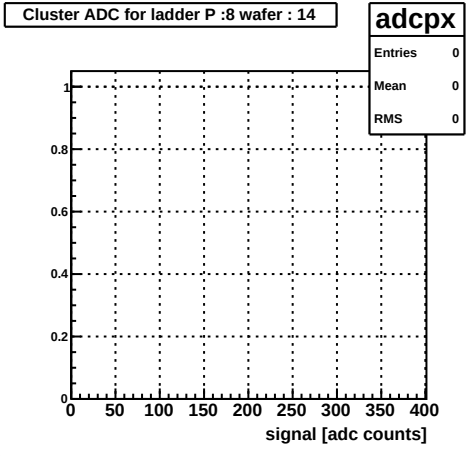

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

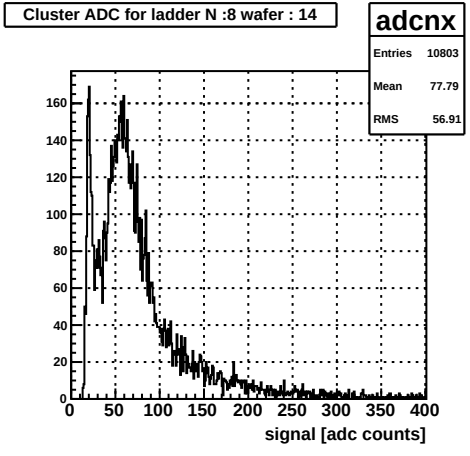

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 12052
Mean 75.66
RMS 58.13
signal [adc counts]

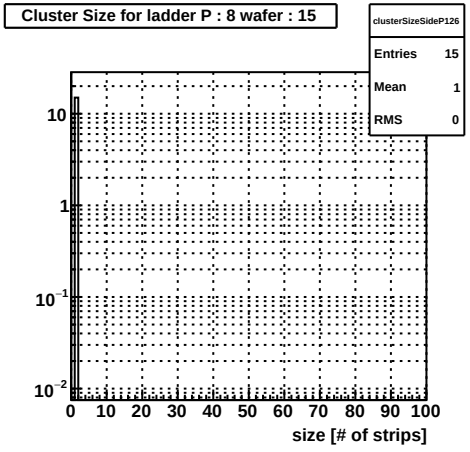

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

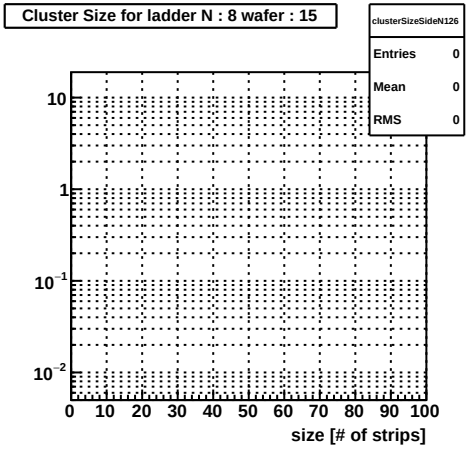

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 10803
Mean 1.572
RMS 0.8176
size [# of strips]

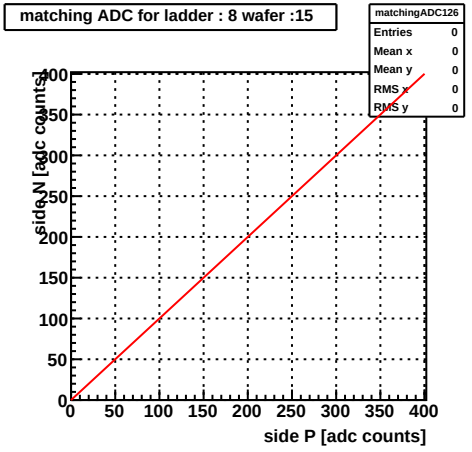

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

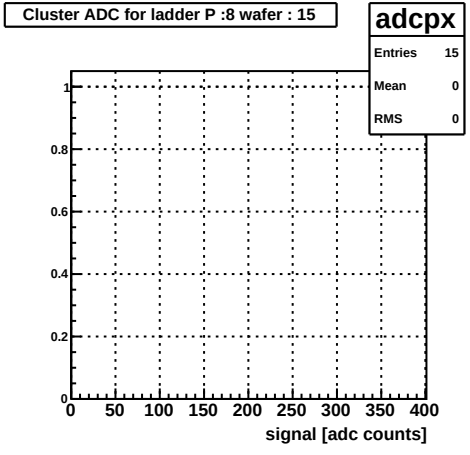

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

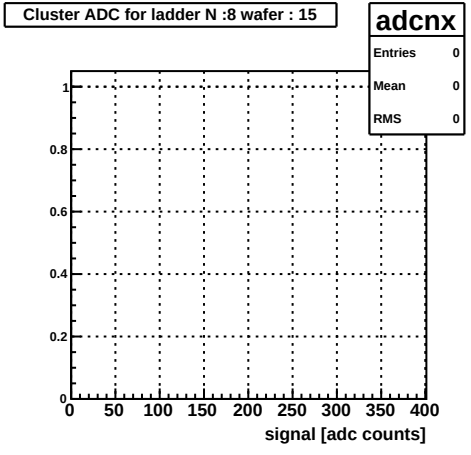

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 10803
Mean 77.79
RMS 56.91
signal [adc counts]

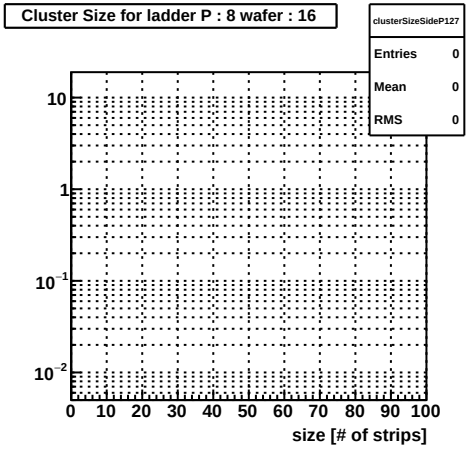

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 15
Mean 1
RMS 0
size [# of strips]

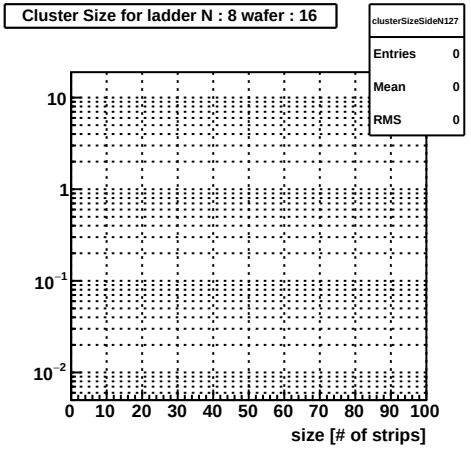

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

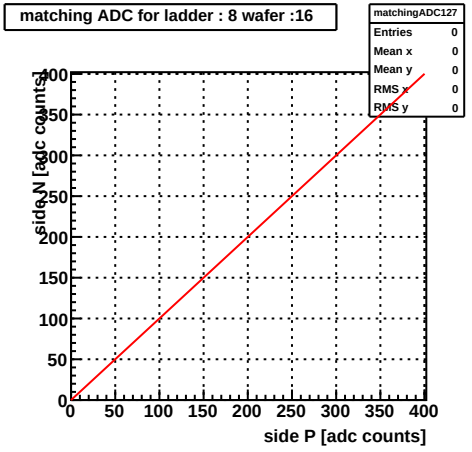

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

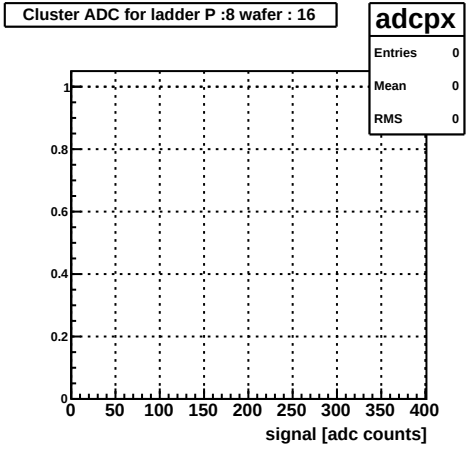

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

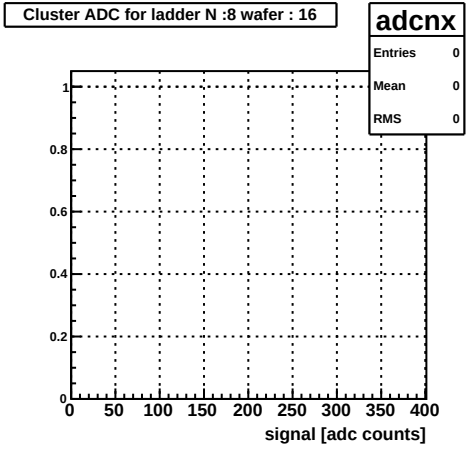

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

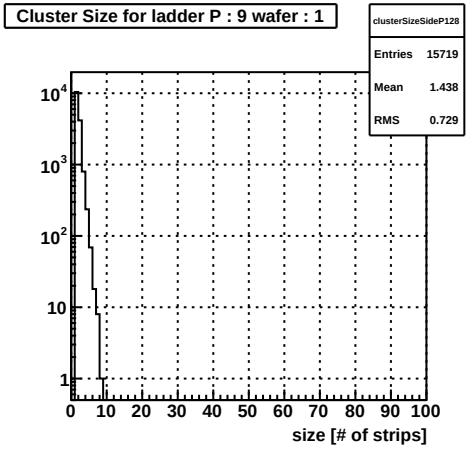

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

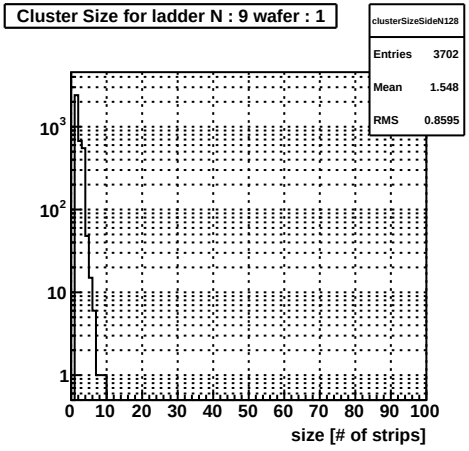

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

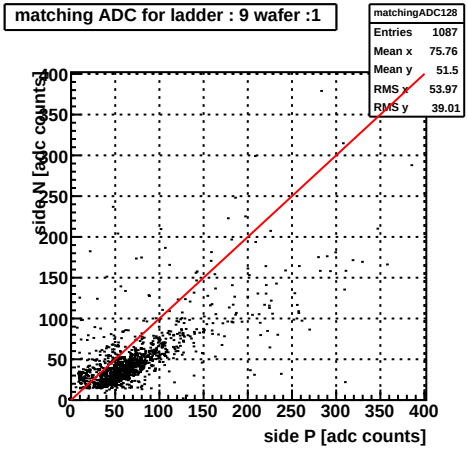

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

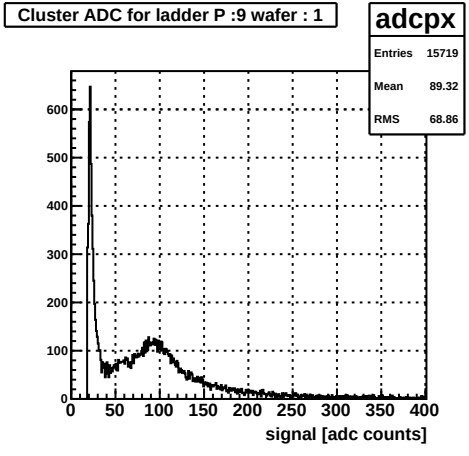

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

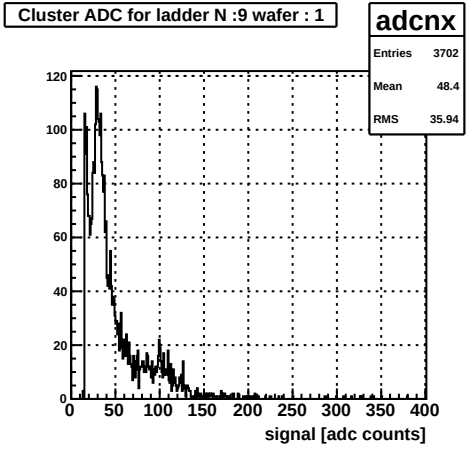

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

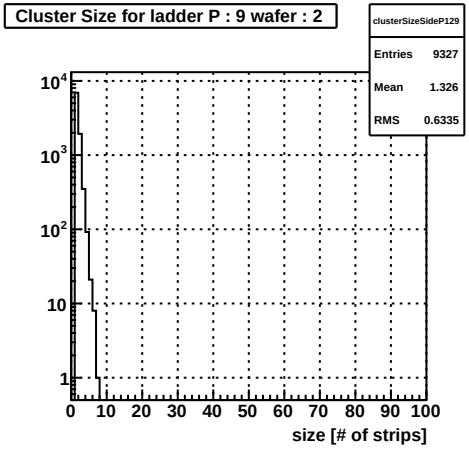

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 15719
Mean 1.438
RMS 0.729
size [# of strips]

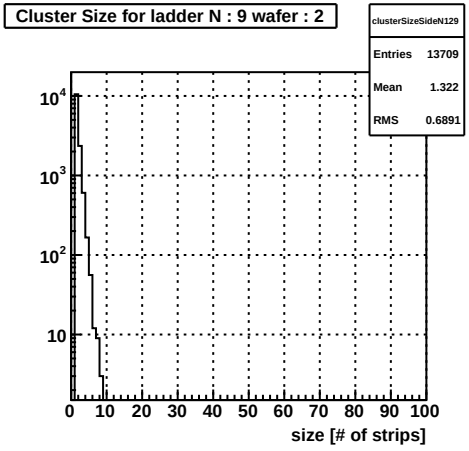

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3702
Mean 1.548
RMS 0.8595
size [# of strips]

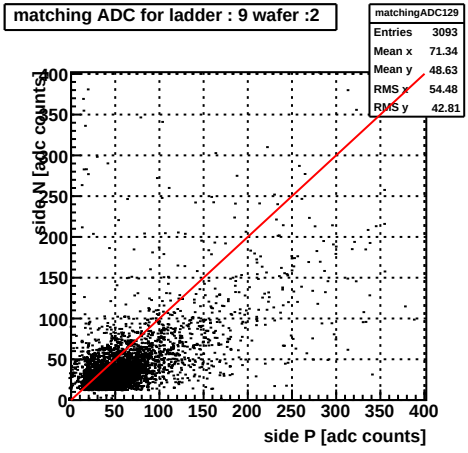

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1087
Mean x 75.76
Mean y 51.5
RMS x 53.97
RMS y 39.01
side N [adc counts]
side P [adc counts]

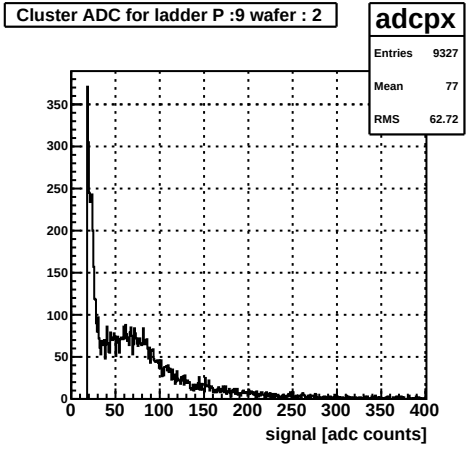

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 15719
Mean 89.32
RMS 68.86
signal [adc counts]

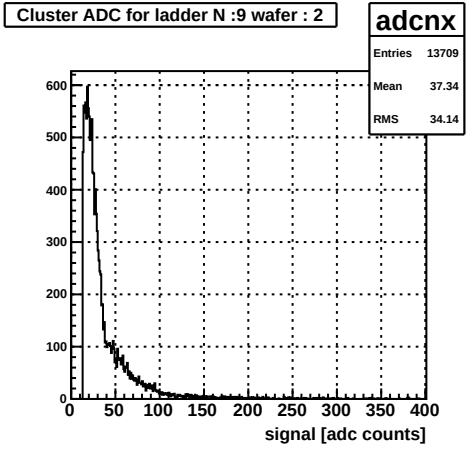

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3702
Mean 48.4
RMS 35.94
signal [adc counts]

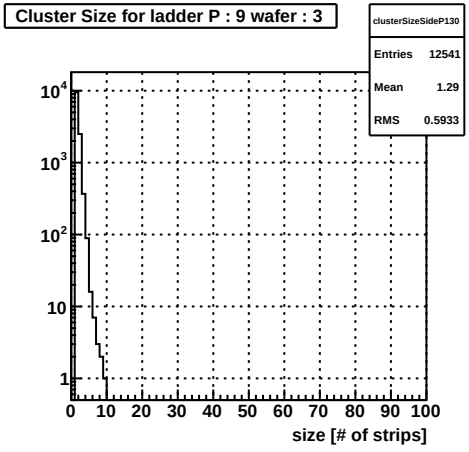

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 9327
Mean 1.326
RMS 0.6335
size [# of strips]

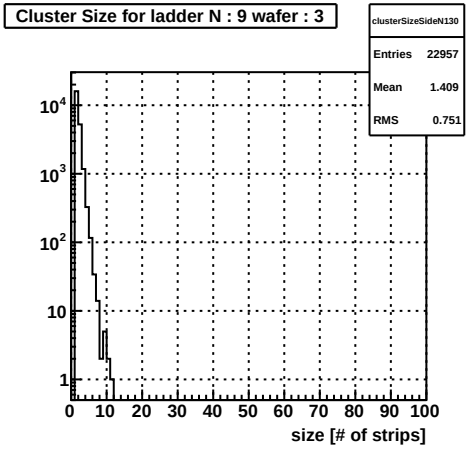

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 13709
Mean 1.322
RMS 0.6891
size [# of strips]

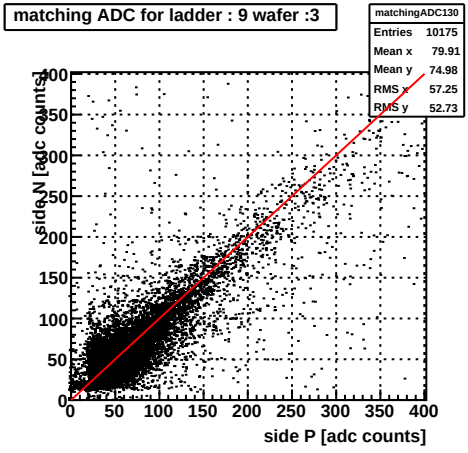

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3093
Mean x 71.34
Mean y 48.63
RMS x 54.48
RMS y 42.81
side N [adc counts]
side P [adc counts]

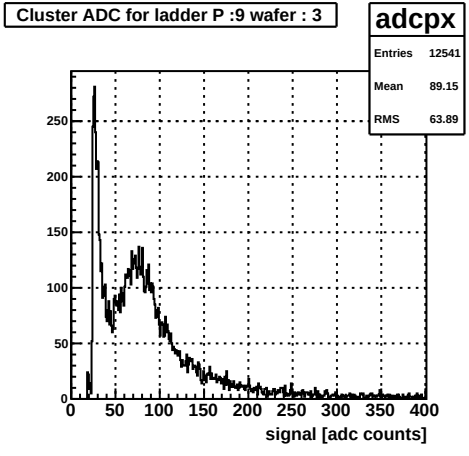

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 9327
Mean 77
RMS 62.72
signal [adc counts]

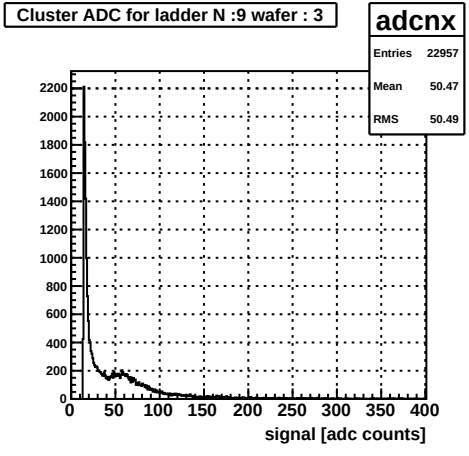

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 13709
Mean 37.34
RMS 34.14
signal [adc counts]

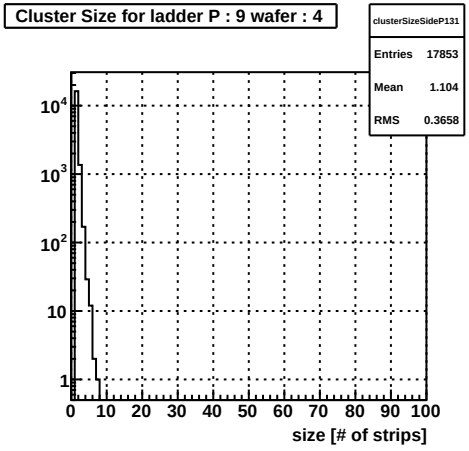

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 12541
Mean 1.29
RMS 0.5933
size [# of strips]

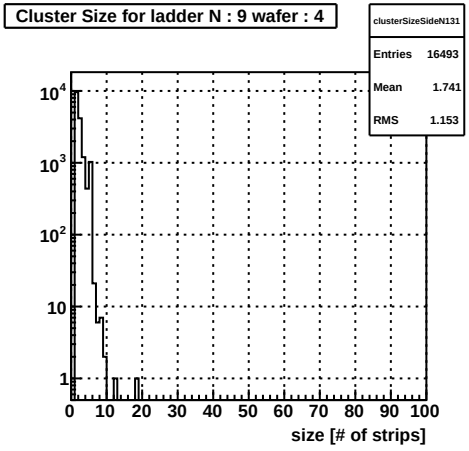

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 22957
Mean 1.409
RMS 0.751
size [# of strips]

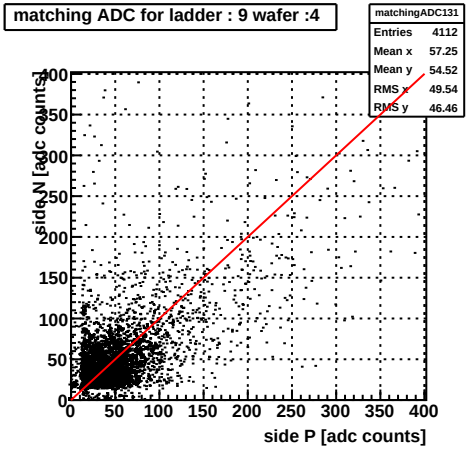

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 10175
Mean x 79.91
Mean y 74.98
RMS x 57.25
RMS y 52.73
side N [adc counts]
side P [adc counts]

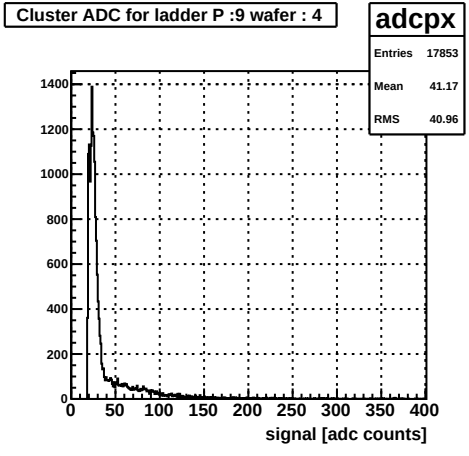

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 12541
Mean 89.15
RMS 63.89
signal [adc counts]

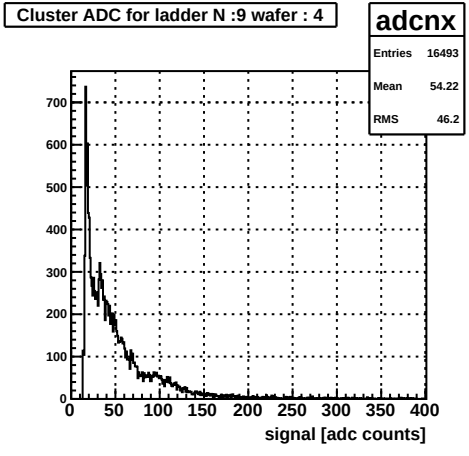

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 22957
Mean 50.47
RMS 50.49
signal [adc counts]

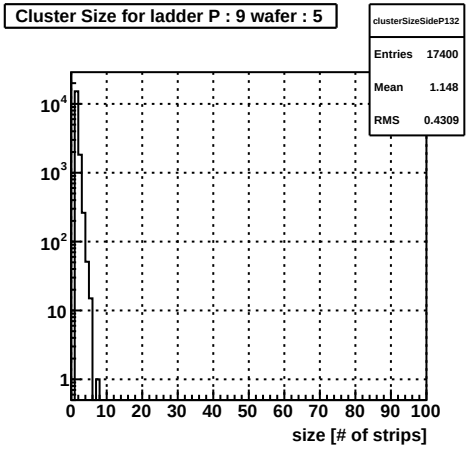

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 17853
Mean 1.104
RMS 0.3658
size [# of strips]

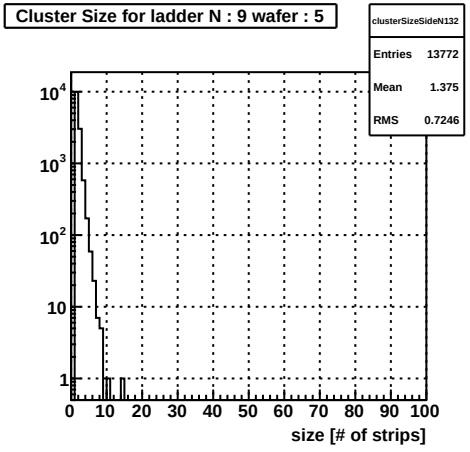

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 16493
Mean 1.741
RMS 1.153
size [# of strips]

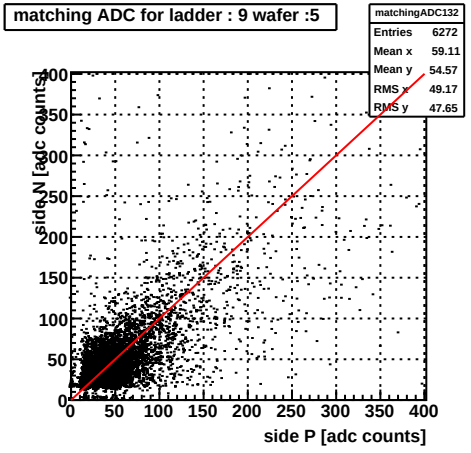

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 4112
Mean x 57.25
Mean y 54.52
RMS x 49.54
RMS y 46.46
side N [adc counts]
side P [adc counts]

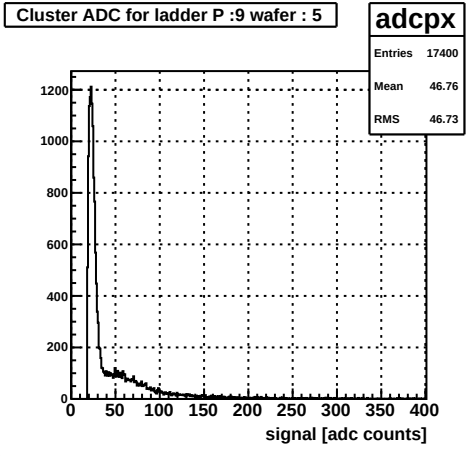

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 17853
Mean 41.17
RMS 40.96
signal [adc counts]

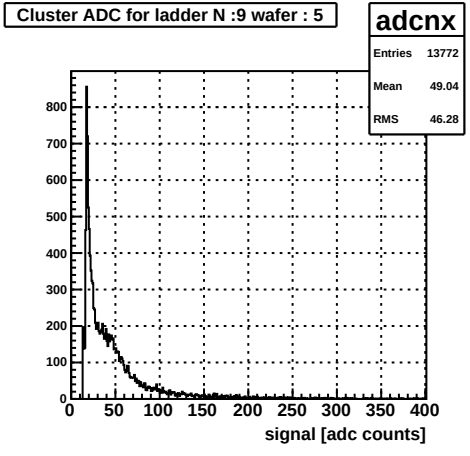

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 16493
Mean 54.22
RMS 46.2
signal [adc counts]

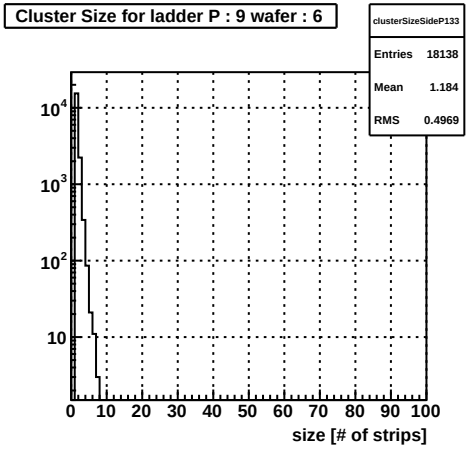

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 17400
Mean 1.148
RMS 0.4309
size [# of strips]

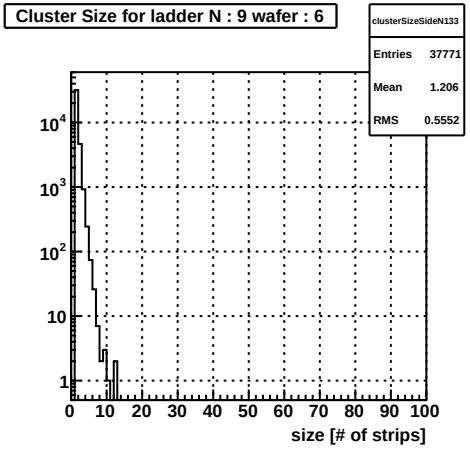

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 13772
Mean 1.375
RMS 0.7246
size [# of strips]

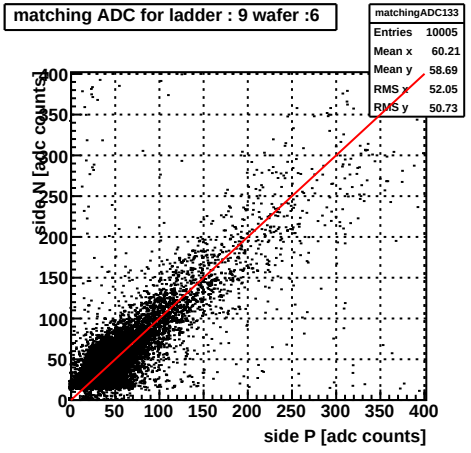

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6272
Mean x 59.11
Mean y 54.57
RMS x 49.17
RMS y 47.65
side N [adc counts]
side P [adc counts]

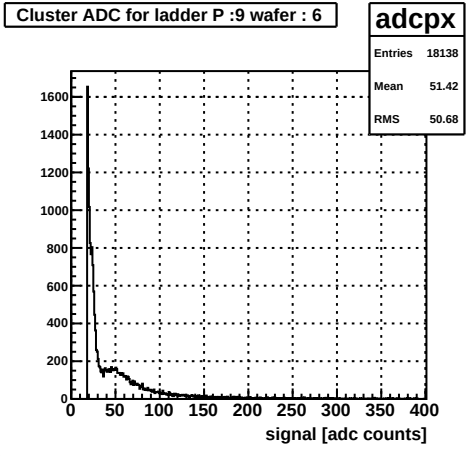

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 17400
Mean 46.76
RMS 46.73
signal [adc counts]

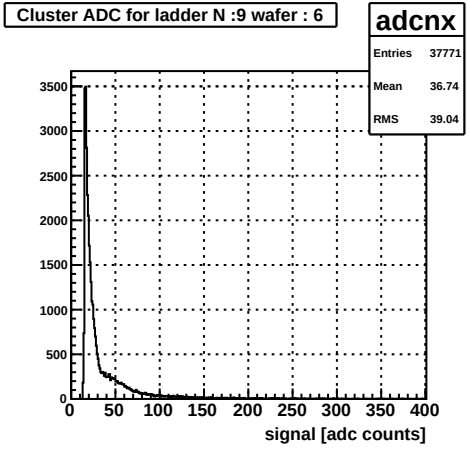

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 13772
Mean 49.04
RMS 46.28
signal [adc counts]

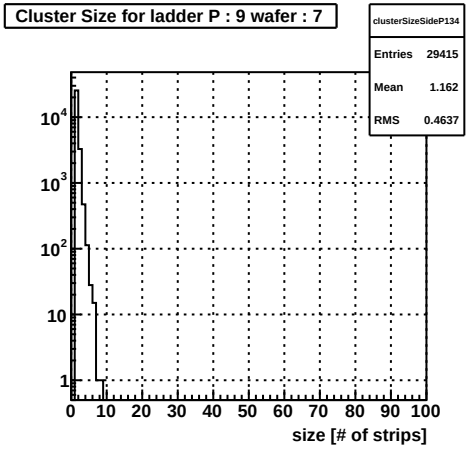

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 18138
Mean 1.184
RMS 0.4969
size [# of strips]

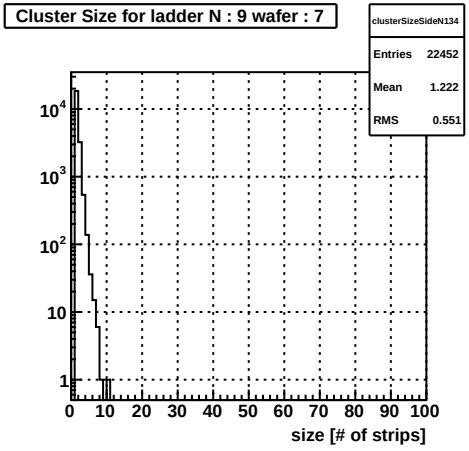

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 37771
Mean 1.206
RMS 0.5552
size [# of strips]

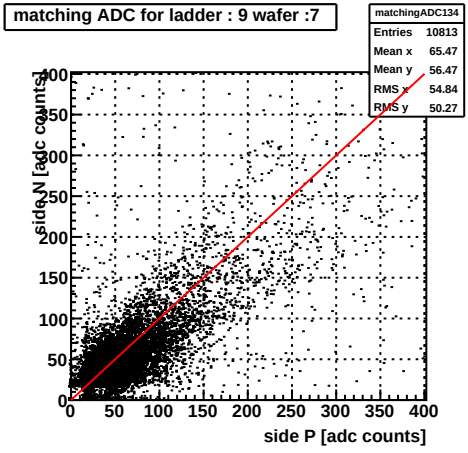

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 10005
Mean x 60.21
Mean y 58.69
RMS x 52.05
RMS y 50.73
side N [adc counts]
side P [adc counts]

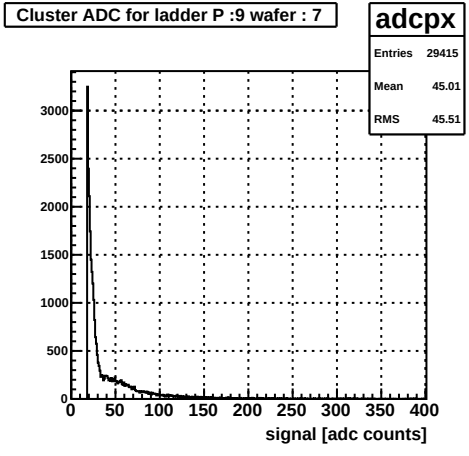

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 18138
Mean 51.42
RMS 50.68
signal [adc counts]

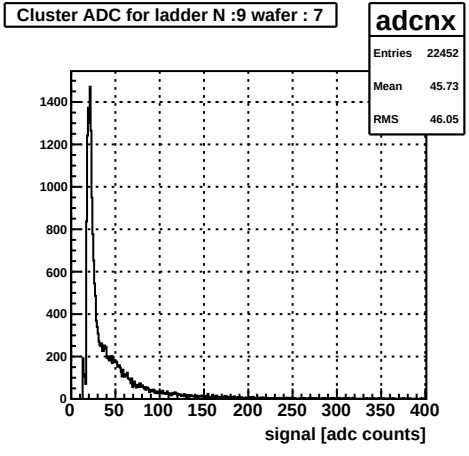

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 37771
Mean 36.74
RMS 39.04
signal [adc counts]

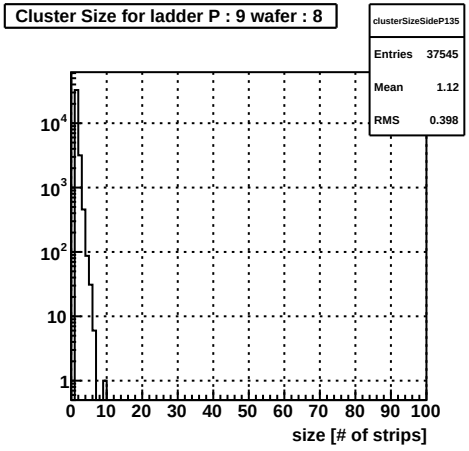

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 29415
Mean 1.162
RMS 0.4637
size [# of strips]

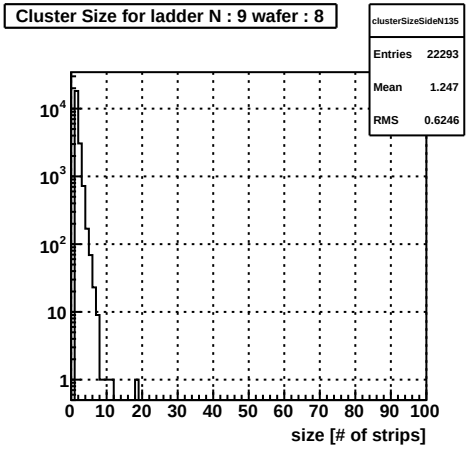

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 22452
Mean 1.222
RMS 0.551
size [# of strips]

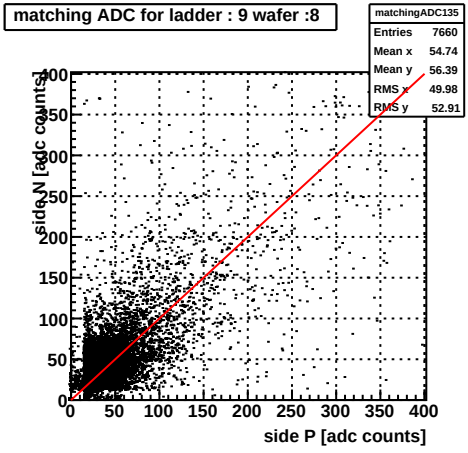

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 10813
Mean x 65.47
Mean y 56.47
RMS x 54.84
RMS y 50.27
side N [adc counts]
side P [adc counts]

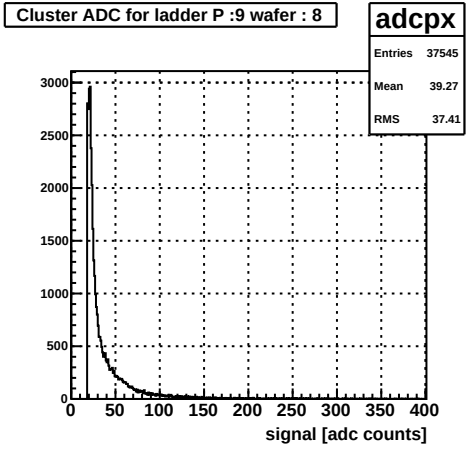

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 29415
Mean 45.01
RMS 45.51
signal [adc counts]

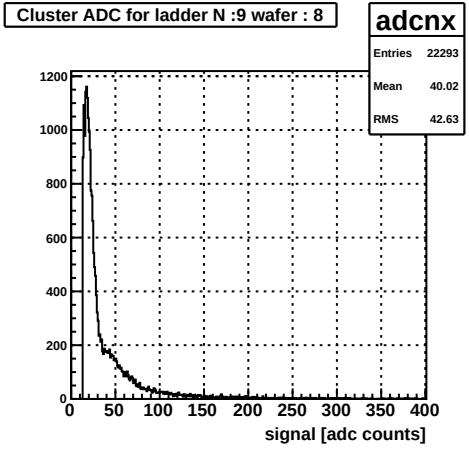

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 22452
Mean 45.73
RMS 46.05
signal [adc counts]

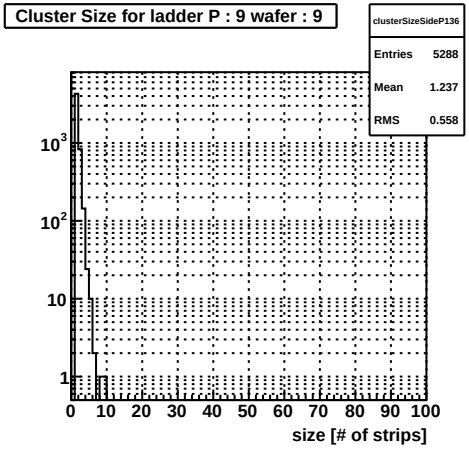

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 37545
Mean 1.12
RMS 0.398
size [# of strips]

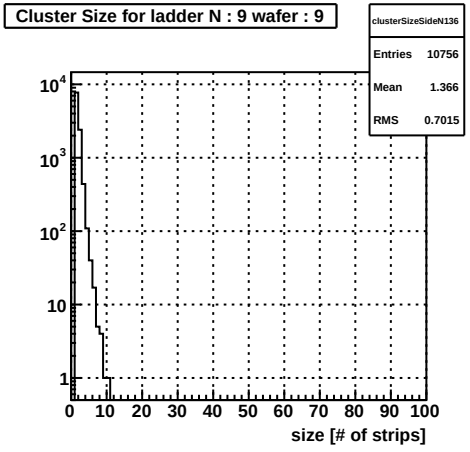

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 22293
Mean 1.247
RMS 0.6246
size [# of strips]

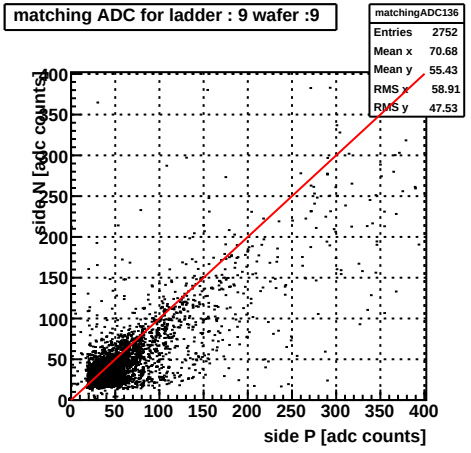

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 7660
Mean x 54.74
Mean y 56.39
RMS x 49.98
RMS y 52.91
side N [adc counts]
side P [adc counts]

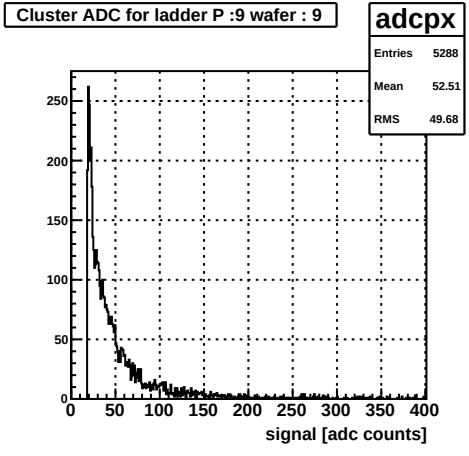

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 37545
Mean 39.27
RMS 37.41
signal [adc counts]

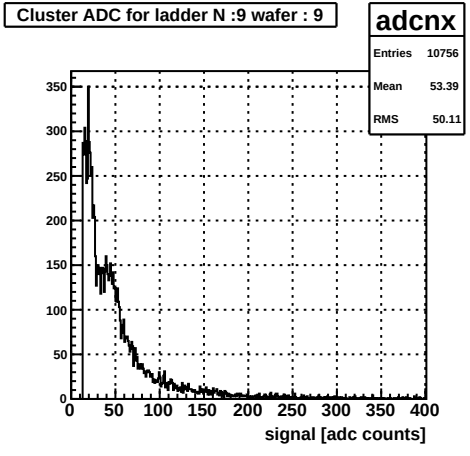

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 22293
Mean 40.02
RMS 42.63
signal [adc counts]

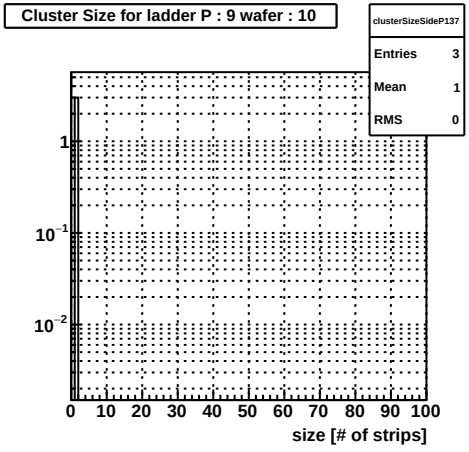

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 5288
Mean 1.237
RMS 0.558
size [# of strips]

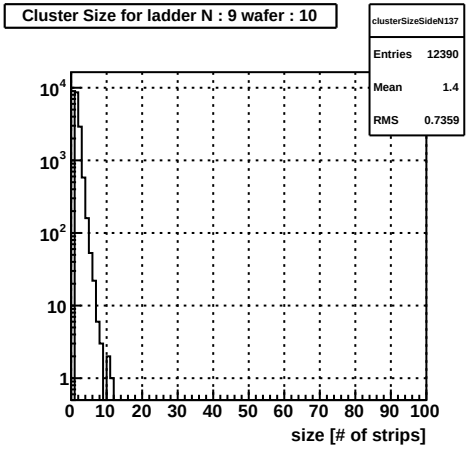

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 10756
Mean 1.366
RMS 0.7015
size [# of strips]

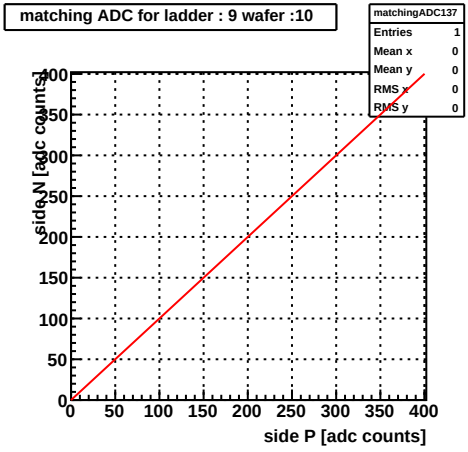

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 2752
Mean x 70.68
Mean y 55.43
RMS x 58.91
RMS y 47.53
side N [adc counts]
side P [adc counts]

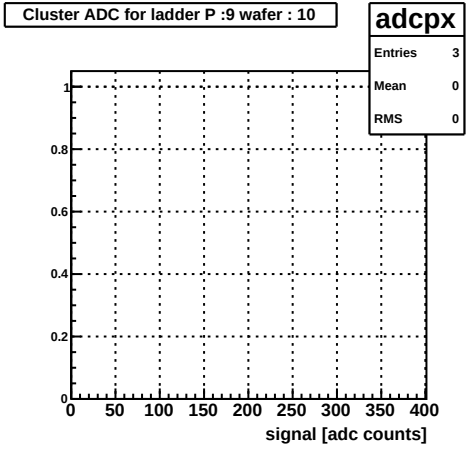

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 5288
Mean 52.51
RMS 49.68
signal [adc counts]

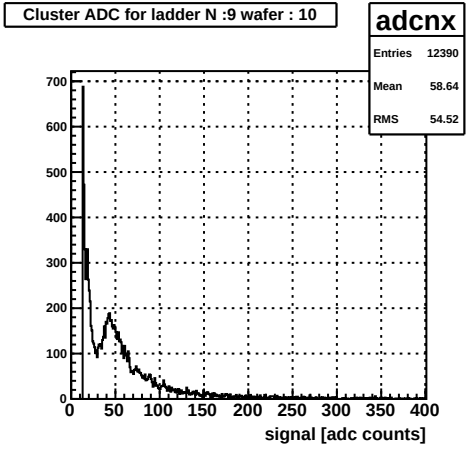

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 10756
Mean 53.39
RMS 50.11
signal [adc counts]

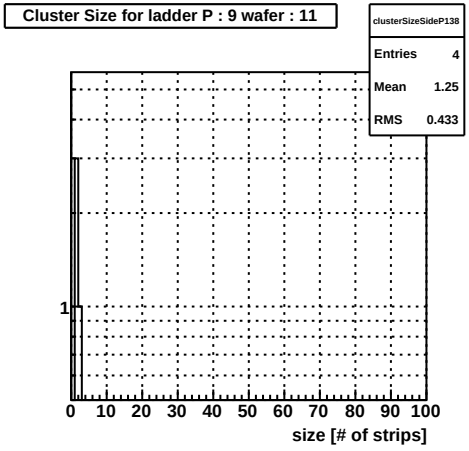

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 3
Mean 1
RMS 0
size [# of strips]

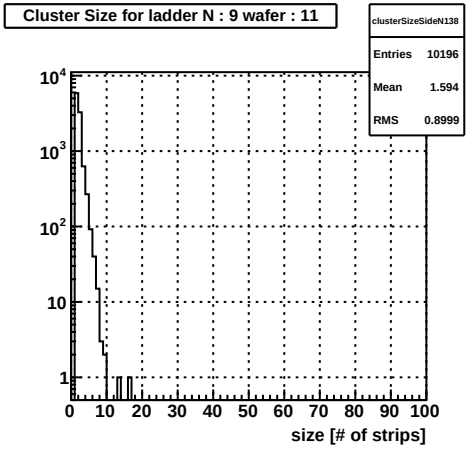

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 12390
Mean 1.4
RMS 0.7359
size [# of strips]

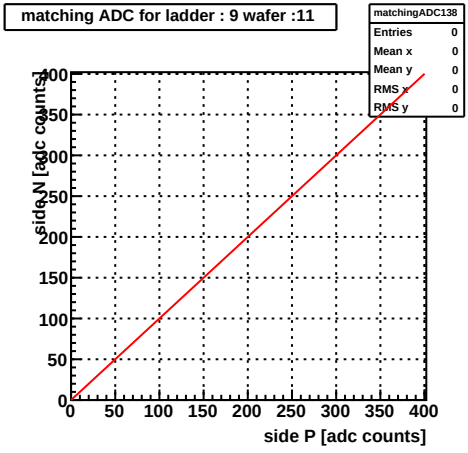

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

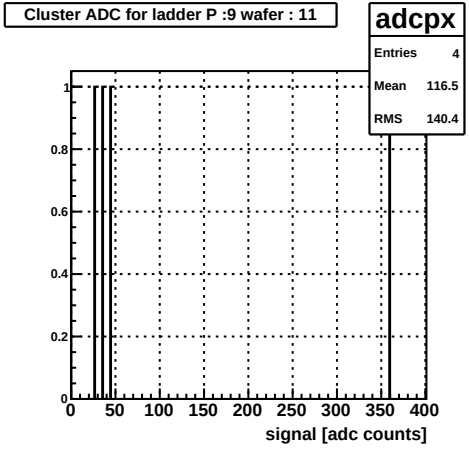

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

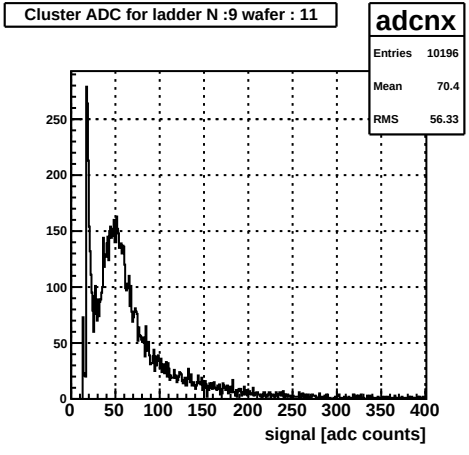

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 12390
Mean 58.64
RMS 54.52
signal [adc counts]

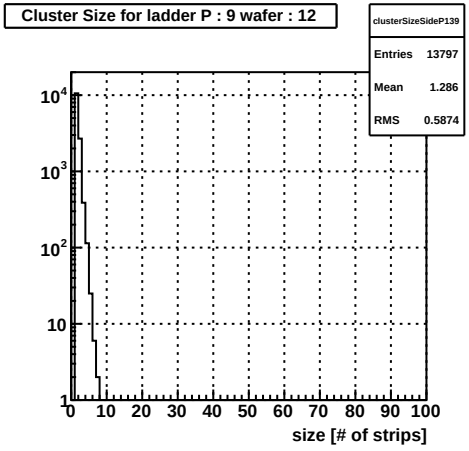

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

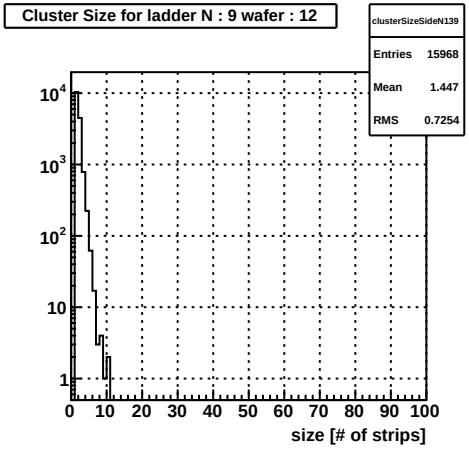

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 10196
Mean 1.594
RMS 0.8999
size [# of strips]

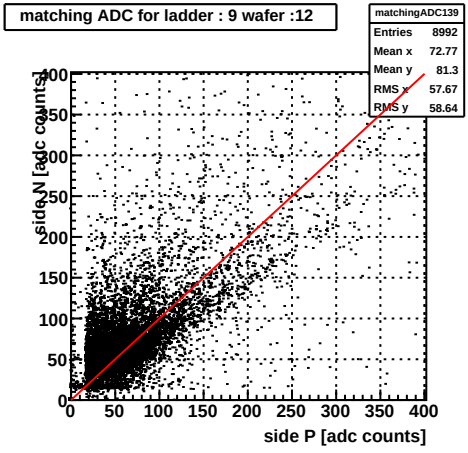

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

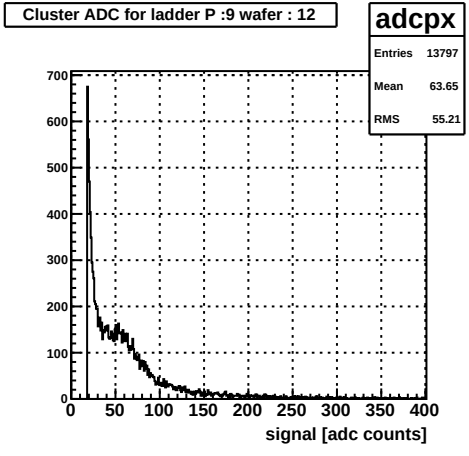

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 4
Mean 116.5
RMS 140.4
signal [adc counts]

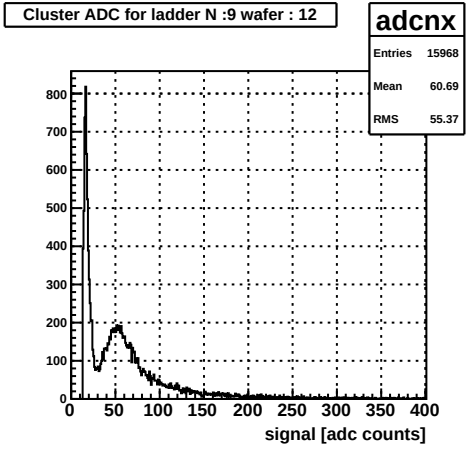

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 10196
Mean 70.4
RMS 56.33
signal [adc counts]

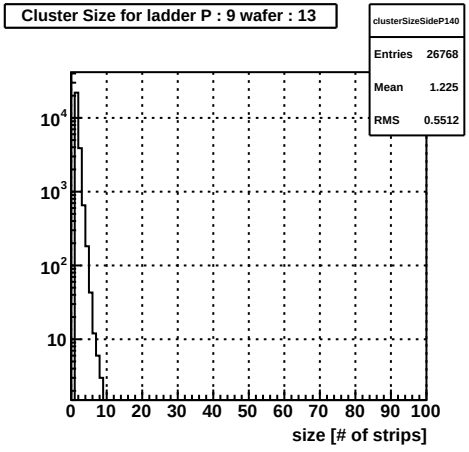

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 13797
Mean 1.286
RMS 0.5874
size [# of strips]

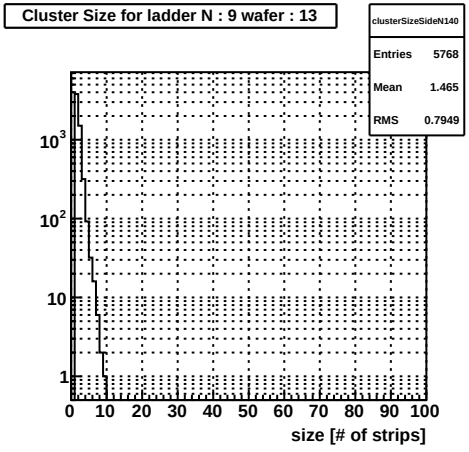

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 15968
Mean 1.447
RMS 0.7254
size [# of strips]

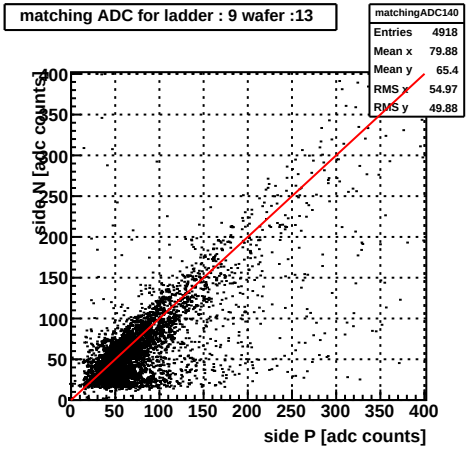

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 8992
Mean x 72.77
Mean y 81.3
RMS x 57.67
RMS y 58.64
side N [adc counts]
side P [adc counts]

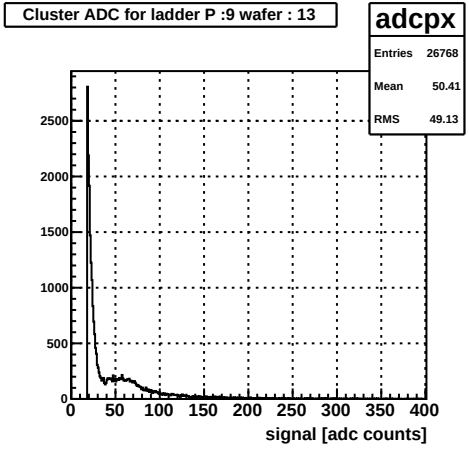

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 13797
Mean 63.65
RMS 55.21
signal [adc counts]

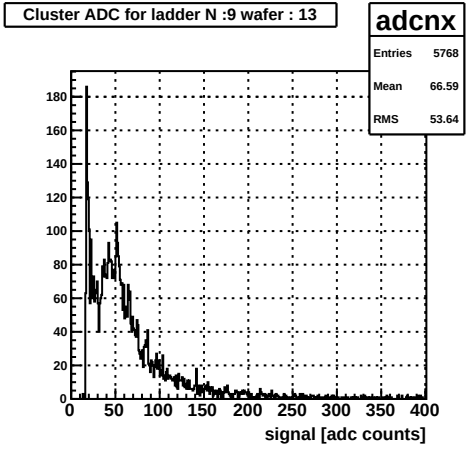

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 15968
Mean 60.69
RMS 55.37
signal [adc counts]

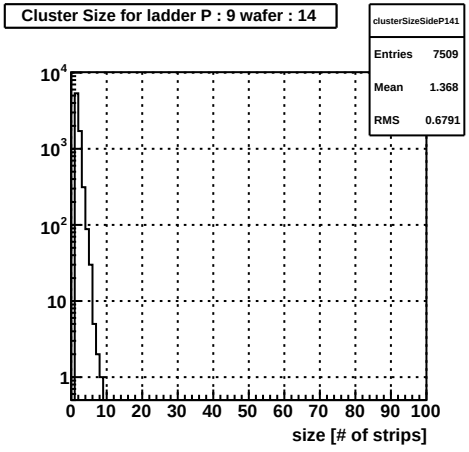

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 26768
Mean 1.225
RMS 0.5512
size [# of strips]

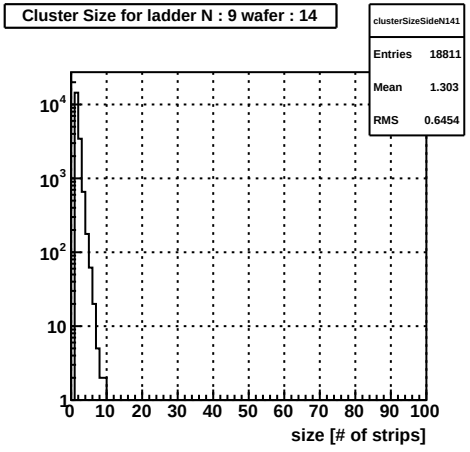

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 5768
Mean 1.465
RMS 0.7949
size [# of strips]

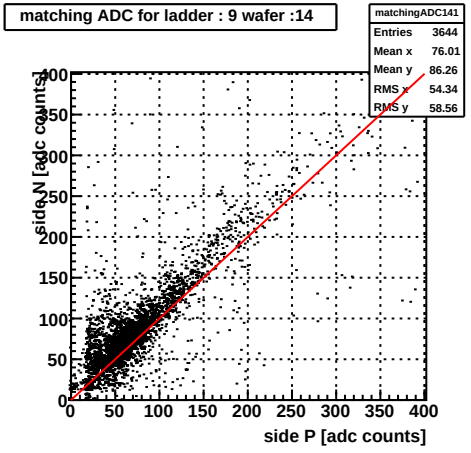

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 4918
Mean x 79.88
Mean y 65.4
RMS x 54.97
RMS y 49.88
side N [adc counts]
side P [adc counts]

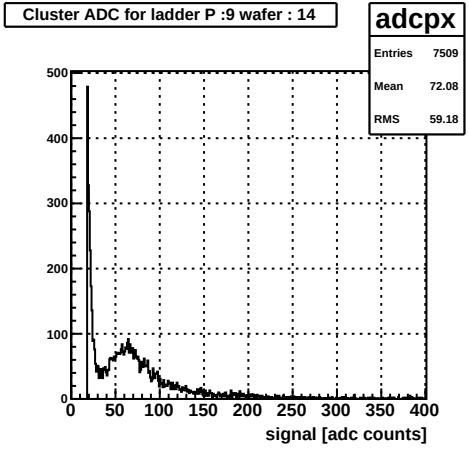

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 26768
Mean 50.41
RMS 49.13
signal [adc counts]

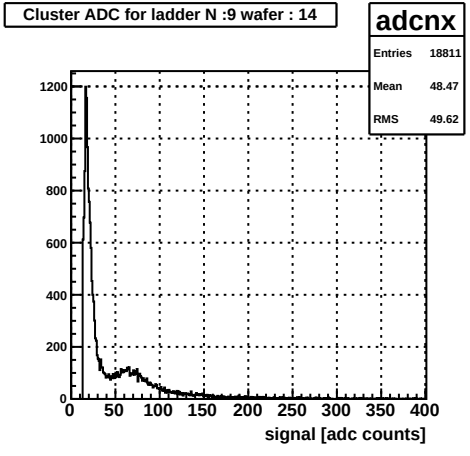

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 5768
Mean 66.59
RMS 53.64
signal [adc counts]

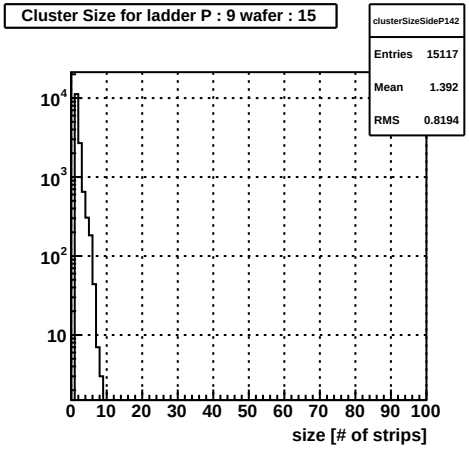

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 7509
Mean 1.368
RMS 0.6791
size [# of strips]

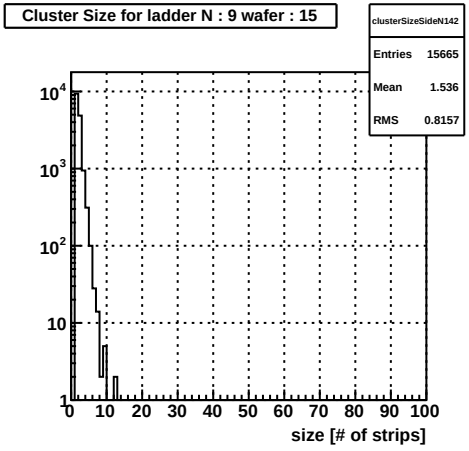

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 18811
Mean 1.303
RMS 0.6454
size [# of strips]

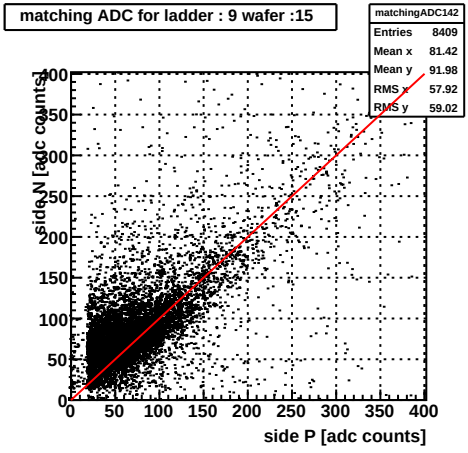

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 3644
Mean x 76.01
Mean y 86.26
RMS x 54.34
RMS y 58.56
side N [adc counts]
side P [adc counts]

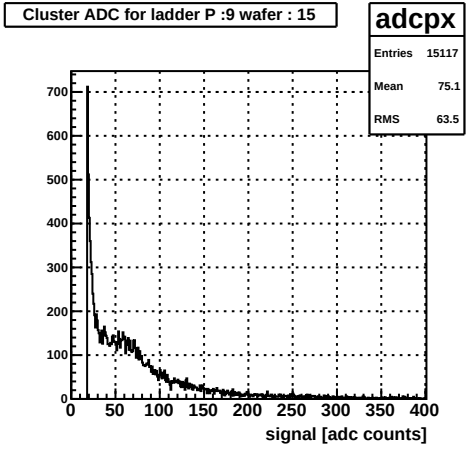

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 7509
Mean 72.08
RMS 59.18
signal [adc counts]

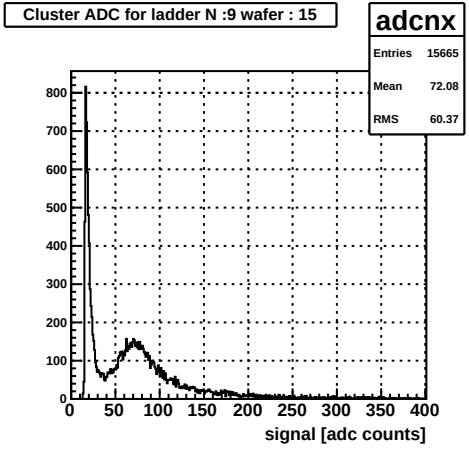

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 18811
Mean 48.47
RMS 49.62
signal [adc counts]

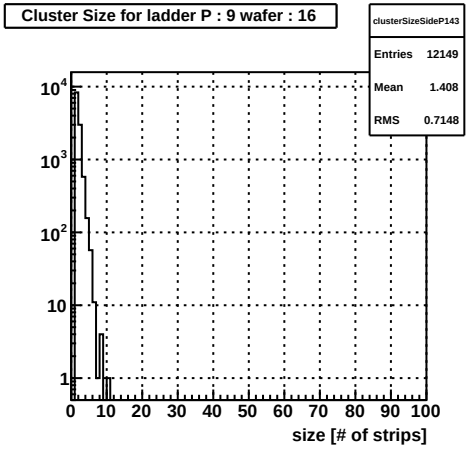

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 15117
Mean 1.392
RMS 0.8194
size [# of strips]

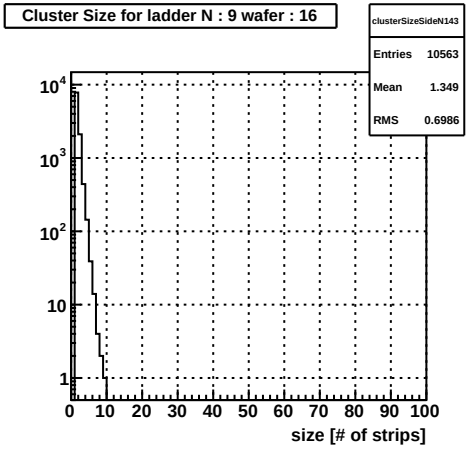

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 15665
Mean 1.536
RMS 0.8157
size [# of strips]

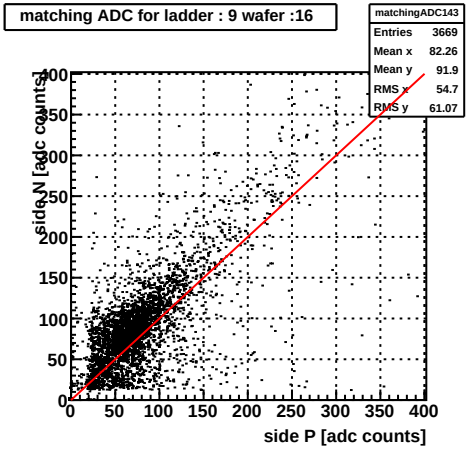

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 8409
Mean x 81.42
Mean y 91.98
RMS x 57.92
RMS y 59.02
side N [adc counts]
side P [adc counts]

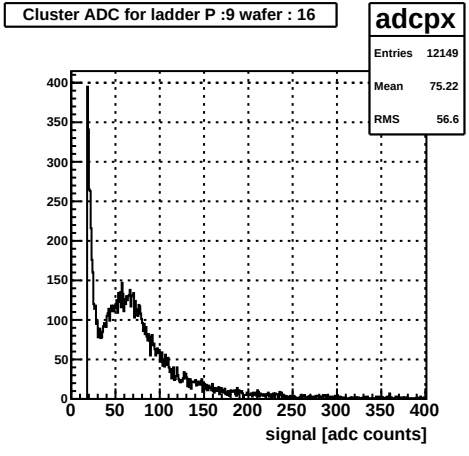

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 15117
Mean 75.1
RMS 63.5
signal [adc counts]

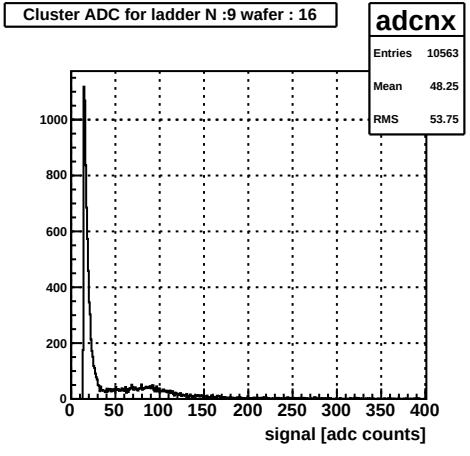

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 15665
Mean 72.08
RMS 60.37
signal [adc counts]

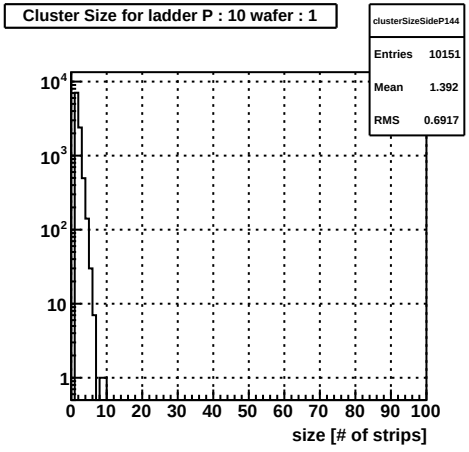

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 12149
Mean 1.408
RMS 0.7148
size [# of strips]

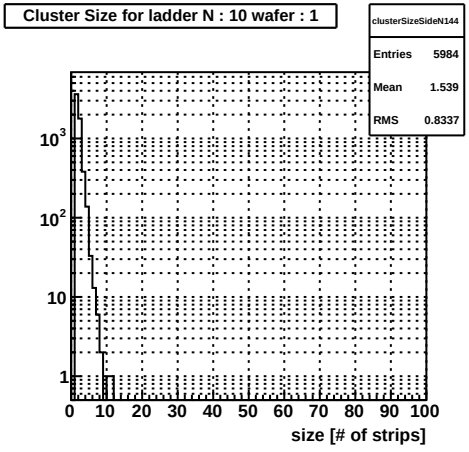

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 10563
Mean 1.349
RMS 0.6986
size [# of strips]

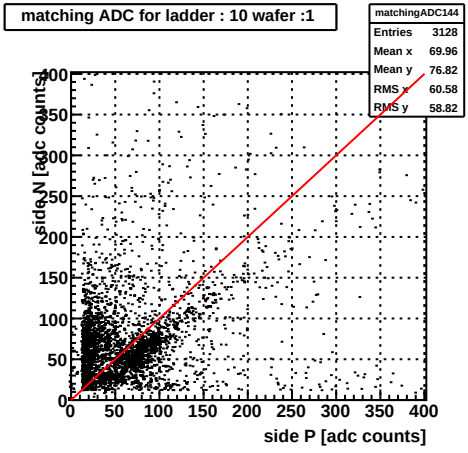

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3669
Mean x 82.26
Mean y 91.9
RMS x 54.7
RMS y 61.07
side N [adc counts]
side P [adc counts]

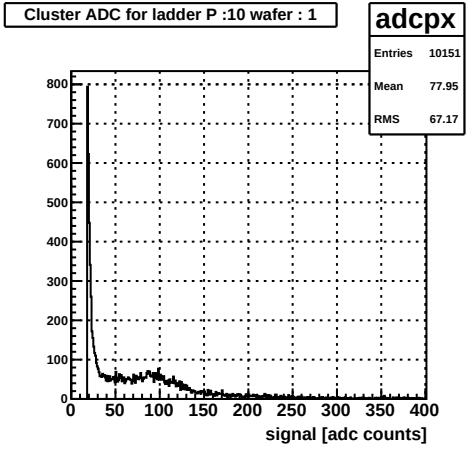

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 12149
Mean 75.22
RMS 56.6
signal [adc counts]

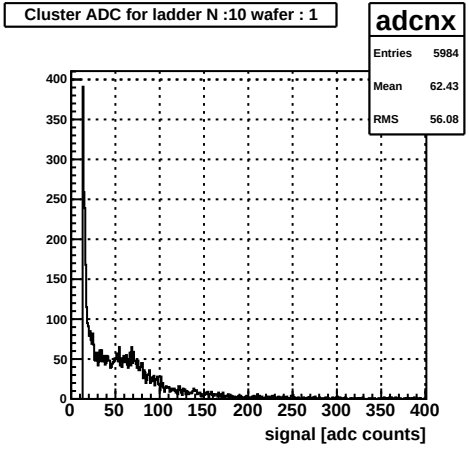

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 10563
Mean 48.25
RMS 53.75
signal [adc counts]

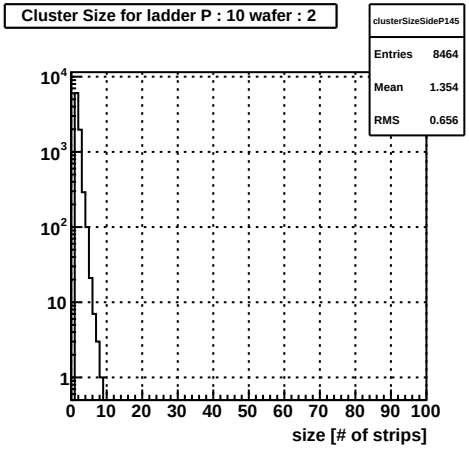

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 10151
Mean 1.392
RMS 0.6917
size [# of strips]

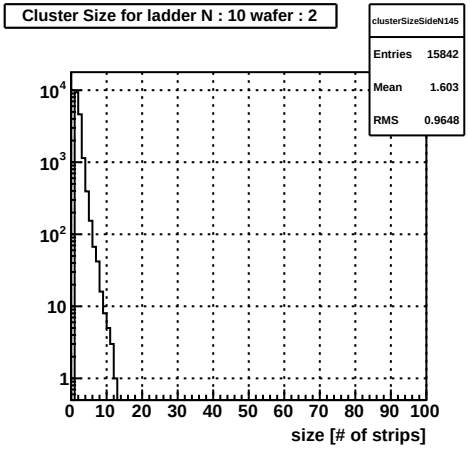

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 5984
Mean 1.539
RMS 0.8337
size [# of strips]

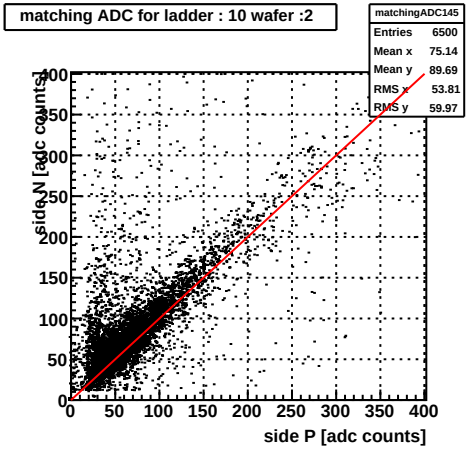

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 3128
Mean x 69.96
Mean y 76.82
RMS x 60.58
RMS y 58.82
side N [adc counts]
side P [adc counts]

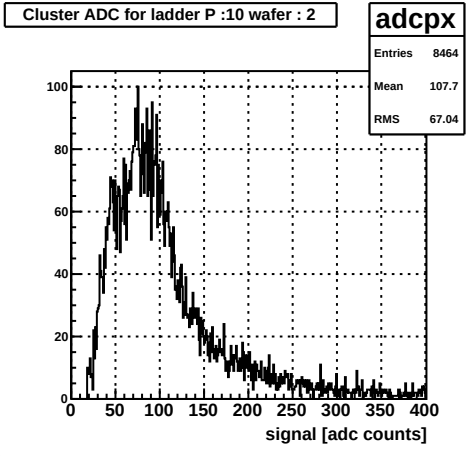

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 10151
Mean 77.95
RMS 67.17
signal [adc counts]

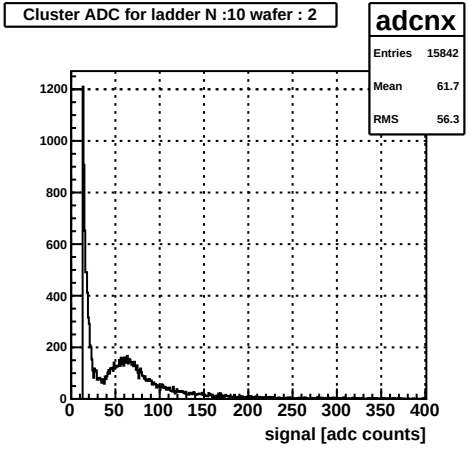

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 5984
Mean 62.43
RMS 56.08
signal [adc counts]

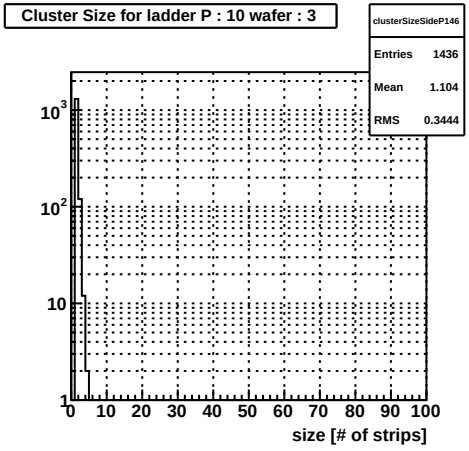

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 8464
Mean 1.354
RMS 0.656
size [# of strips]

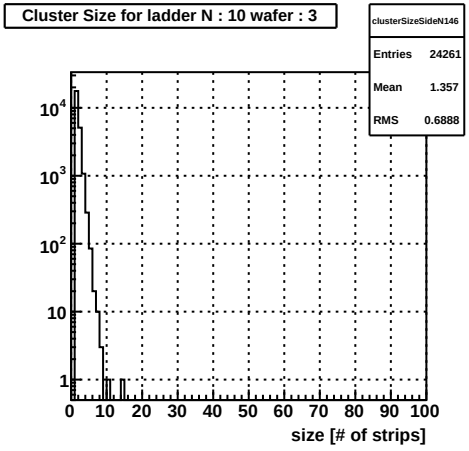

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 15842
Mean 1.603
RMS 0.9648
size [# of strips]

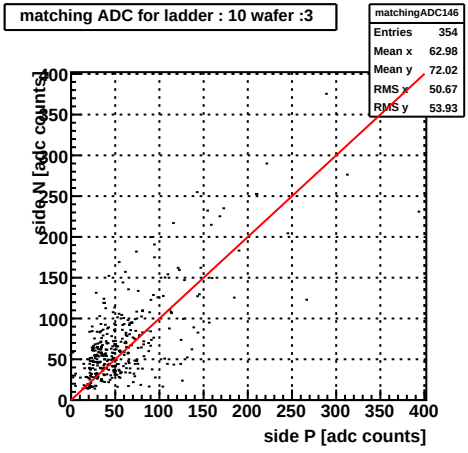

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 6500
Mean x 75.14
Mean y 89.69
RMS x 53.81
RMS y 59.97
side N [adc counts]
side P [adc counts]

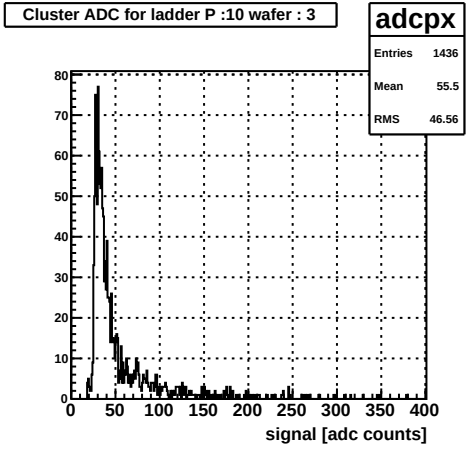

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 8464
Mean 107.7
RMS 67.04
signal [adc counts]

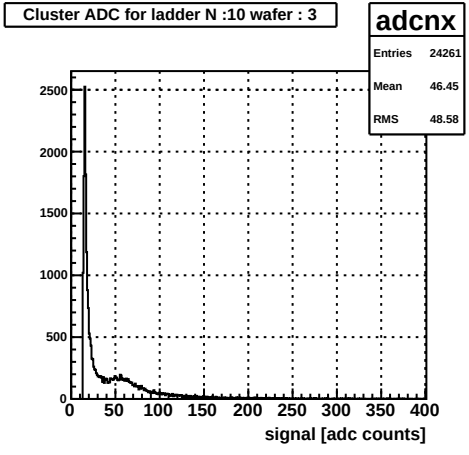

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 15842
Mean 61.7
RMS 56.3
signal [adc counts]

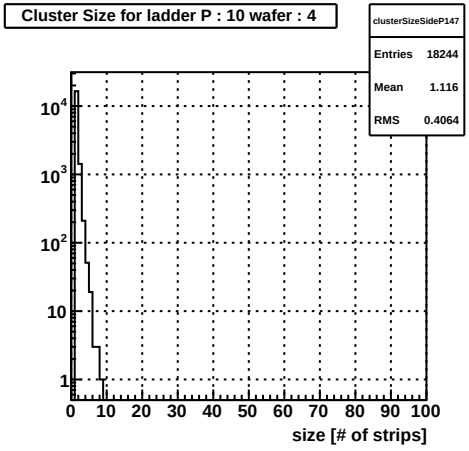

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 1436
Mean 1.104
RMS 0.3444
size [# of strips]

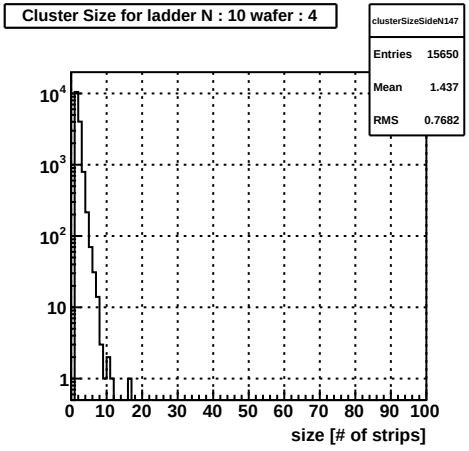

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 24261
Mean 1.357
RMS 0.6888
size [# of strips]

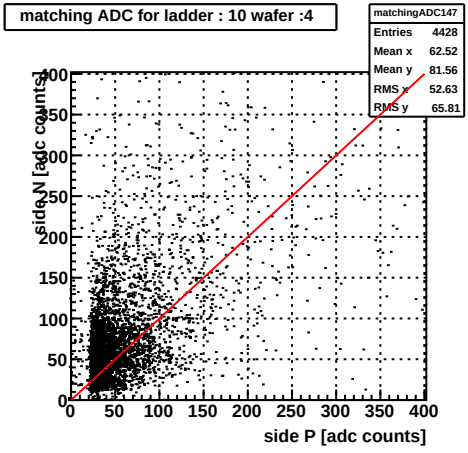

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 354
Mean x 62.98
Mean y 72.02
RMS x 50.67
RMS y 53.93
side N [adc counts]
side P [adc counts]

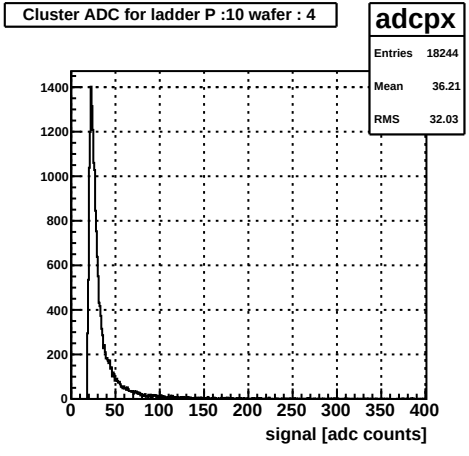

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 1436
Mean 55.5
RMS 46.56
signal [adc counts]

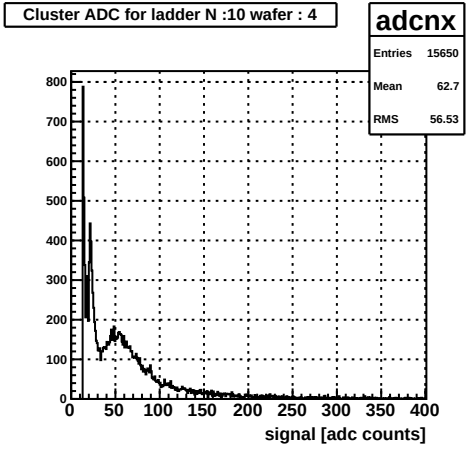

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 24261
Mean 46.45
RMS 48.58
signal [adc counts]

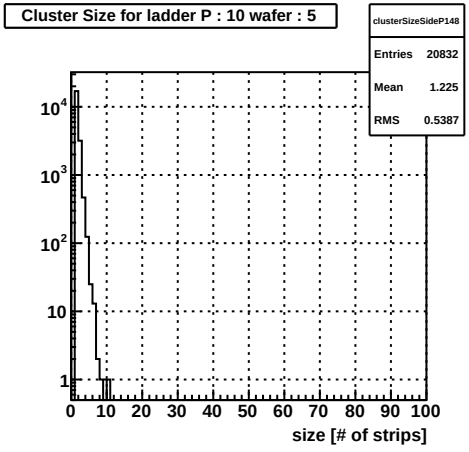

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 18244
Mean 1.116
RMS 0.4064
size [# of strips]

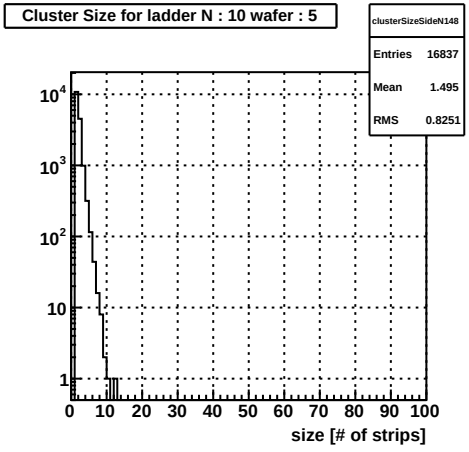

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 15650
Mean 1.437
RMS 0.7682
size [# of strips]

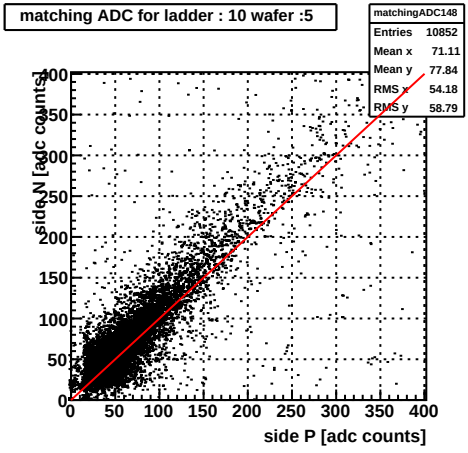

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4428
Mean x 62.52
Mean y 81.56
RMS x 52.63
RMS y 65.81
side N [adc counts]
side P [adc counts]

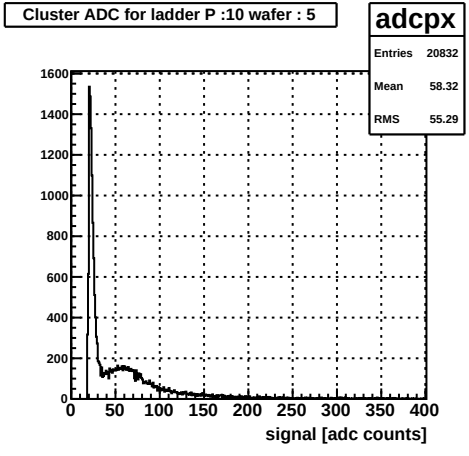

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 18244
Mean 36.21
RMS 32.03
signal [adc counts]

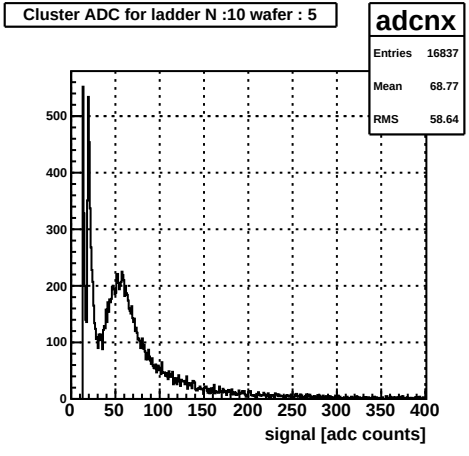

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 15650
Mean 62.7
RMS 56.53
signal [adc counts]

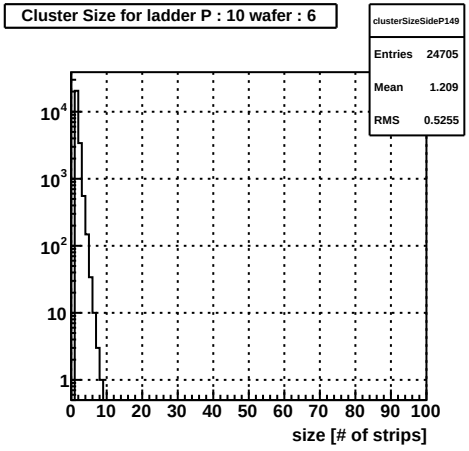

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 20832
Mean 1.225
RMS 0.5387
size [# of strips]

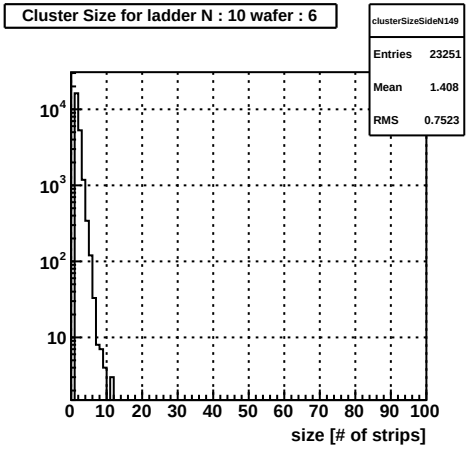

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 16837
Mean 1.495
RMS 0.8251
size [# of strips]

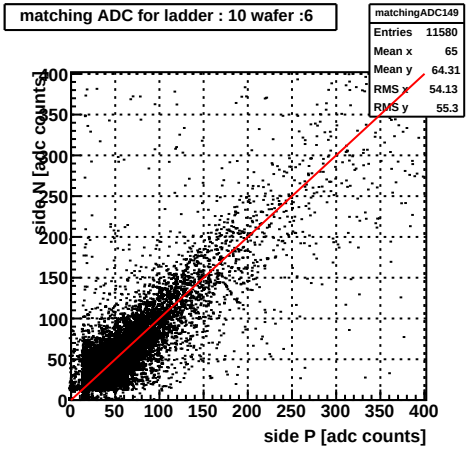

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 10852
Mean x 71.11
Mean y 77.84
RMS x 54.18
RMS y 58.79
side N [adc counts]
side P [adc counts]

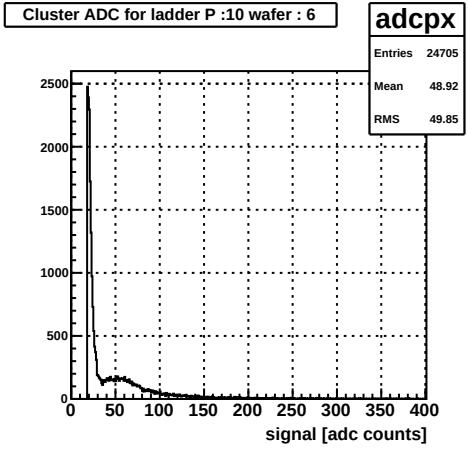

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 20832
Mean 58.32
RMS 55.29
signal [adc counts]

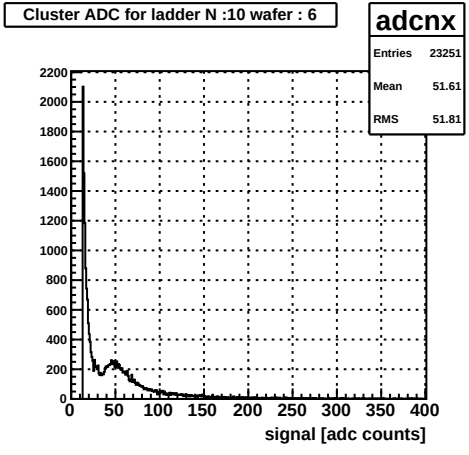

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 16837
Mean 68.77
RMS 58.64
signal [adc counts]

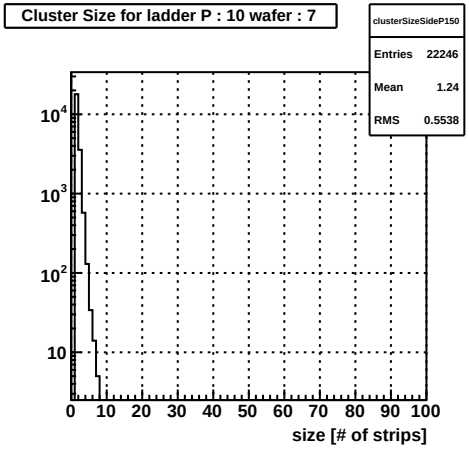

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 24705
Mean 1.209
RMS 0.5255
size [# of strips]

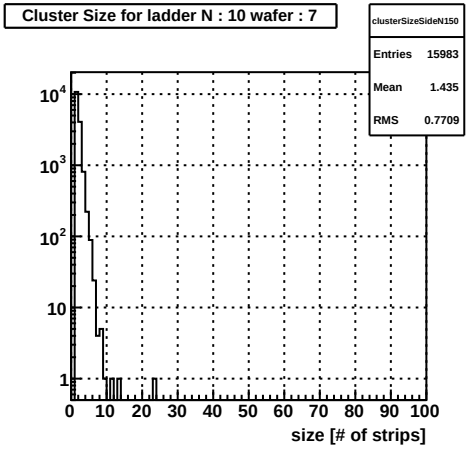

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 23251
Mean 1.408
RMS 0.7523
size [# of strips]

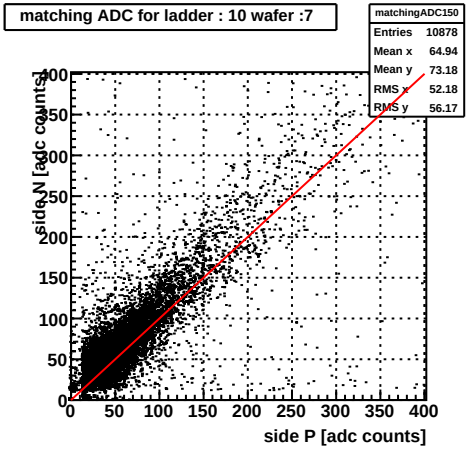

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 11580
Mean x 65
Mean y 64.31
RMS x 54.13
RMS y 55.3
side N [adc counts]
side P [adc counts]

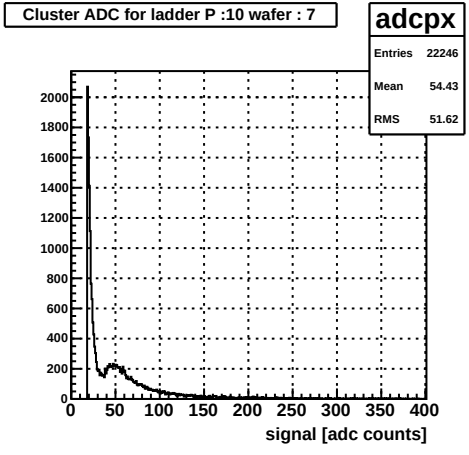

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 24705
Mean 48.92
RMS 49.85
signal [adc counts]

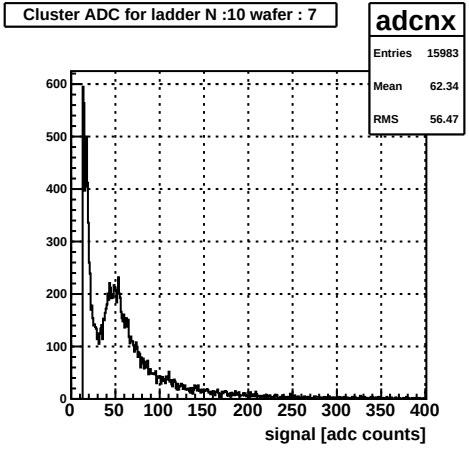

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 23251
Mean 51.61
RMS 51.81
signal [adc counts]

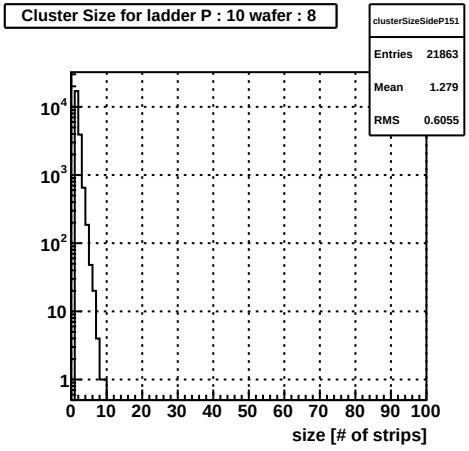

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 22246
Mean 1.24
RMS 0.5538
size [# of strips]

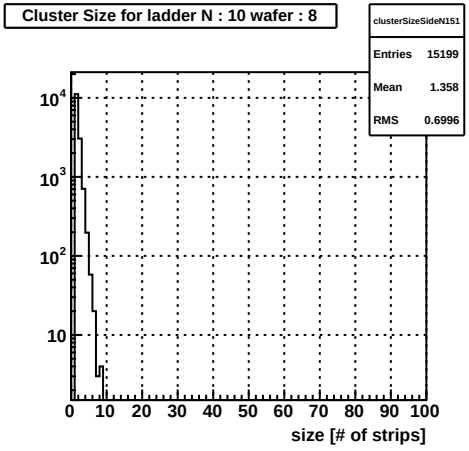

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 15983
Mean 1.435
RMS 0.7709
size [# of strips]

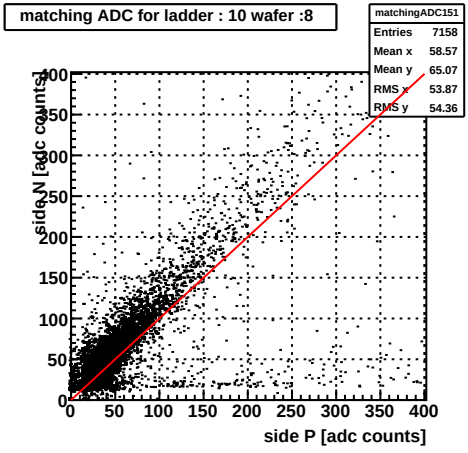

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 10878
Mean x 64.94
Mean y 73.18
RMS x 52.18
RMS y 56.17
side N [adc counts]
side P [adc counts]

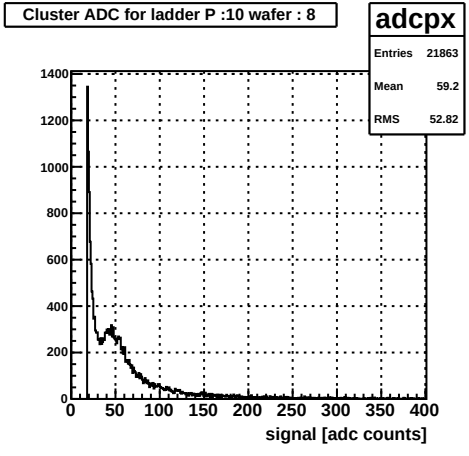

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 22246
Mean 54.43
RMS 51.62
signal [adc counts]

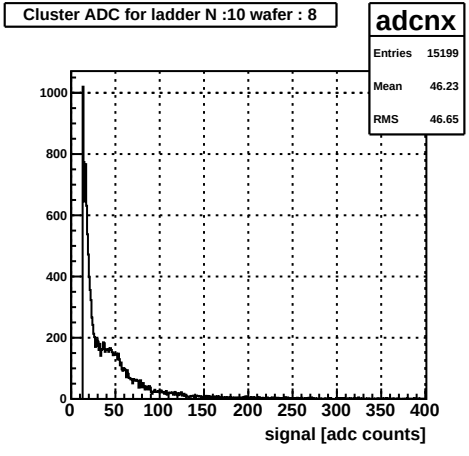

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 15983
Mean 62.34
RMS 56.47
signal [adc counts]

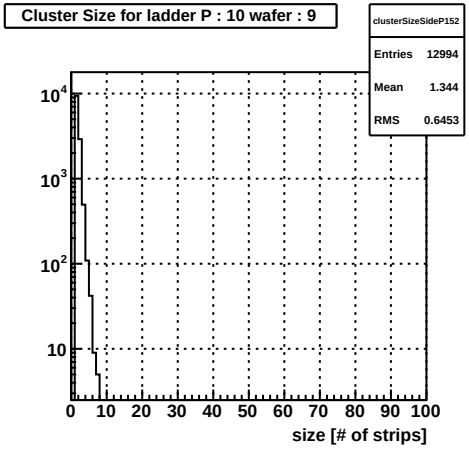

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 21863
Mean 1.279
RMS 0.6055
size [# of strips]

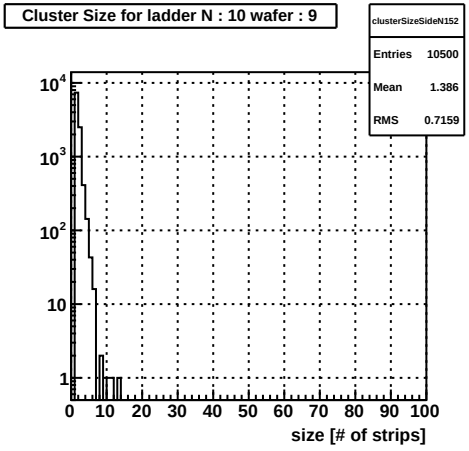

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 15199
Mean 1.358
RMS 0.6996
size [# of strips]

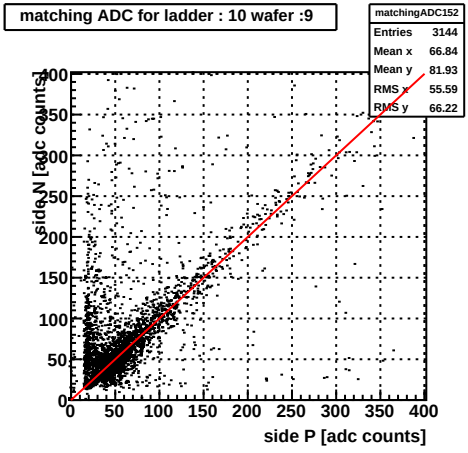

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 7158
Mean x 58.57
Mean y 65.07
RMS x 53.87
RMS y 54.36
side N [adc counts]
side P [adc counts]

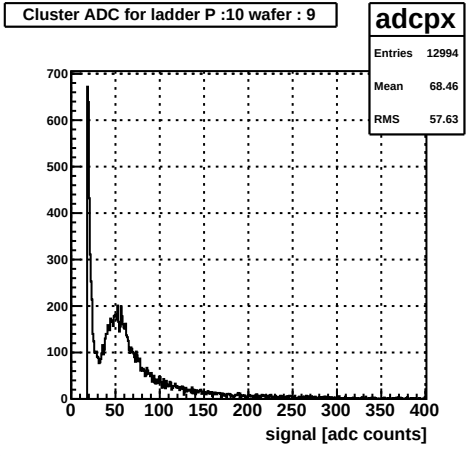

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 21863
Mean 59.2
RMS 52.82
signal [adc counts]

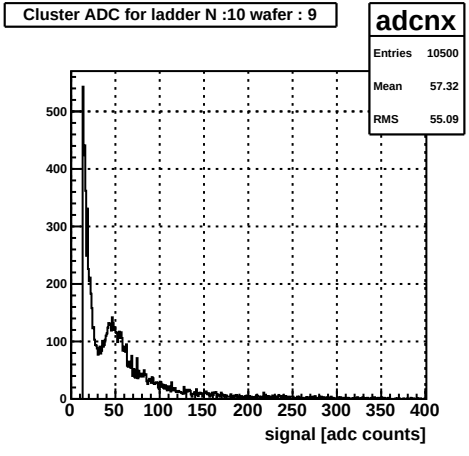

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 15199
Mean 46.23
RMS 46.65
signal [adc counts]

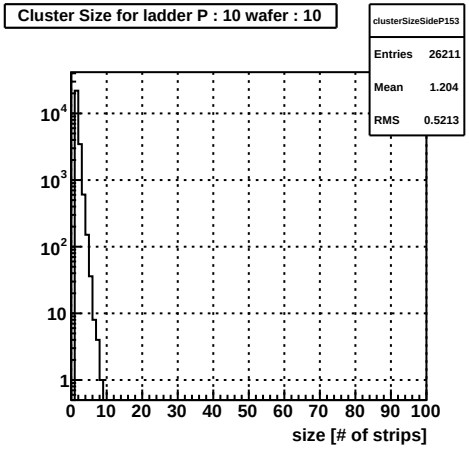

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 12994
Mean 1.344
RMS 0.6453
size [# of strips]

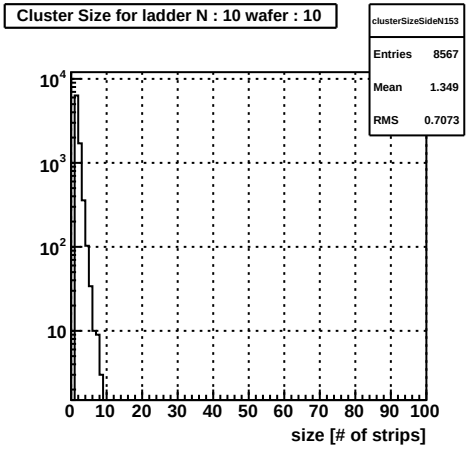

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 10500
Mean 1.386
RMS 0.7159
size [# of strips]

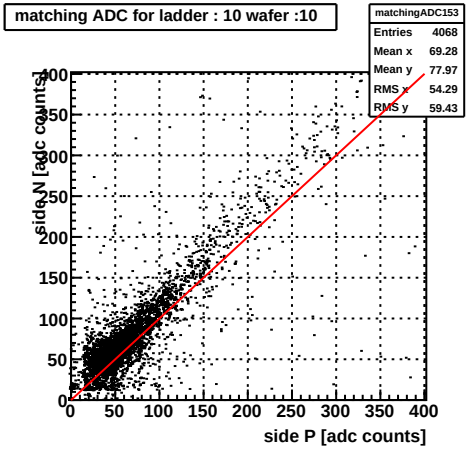

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3144
Mean x 66.84
Mean y 81.93
RMS x 55.59
RMS y 66.22
side N [adc counts]
side P [adc counts]

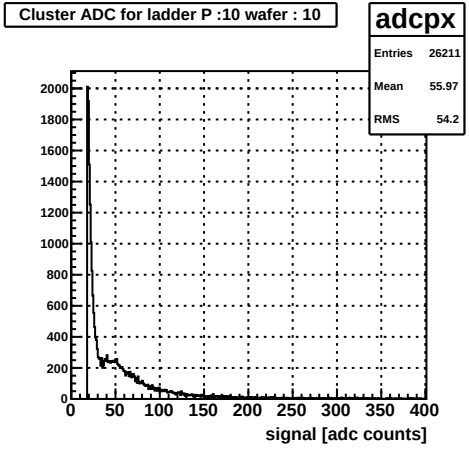

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 12994
Mean 68.46
RMS 57.63
signal [adc counts]

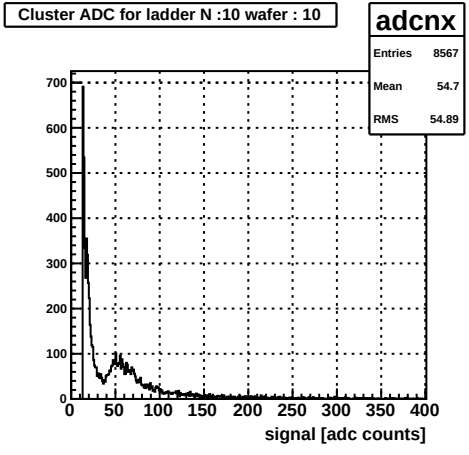

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 10500
Mean 57.32
RMS 55.09
signal [adc counts]

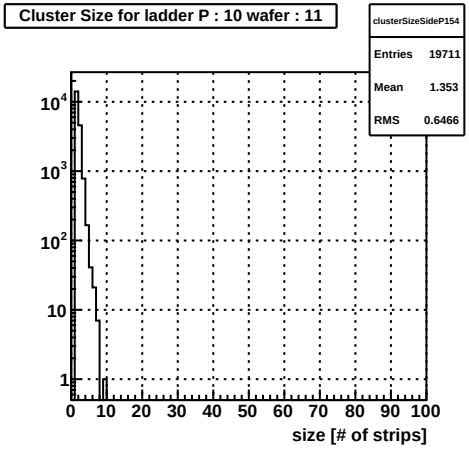

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 26211
Mean 1.204
RMS 0.5213
size [# of strips]

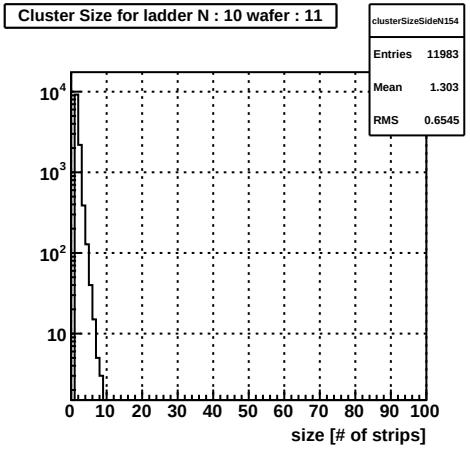

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 8567
Mean 1.349
RMS 0.7073
size [# of strips]

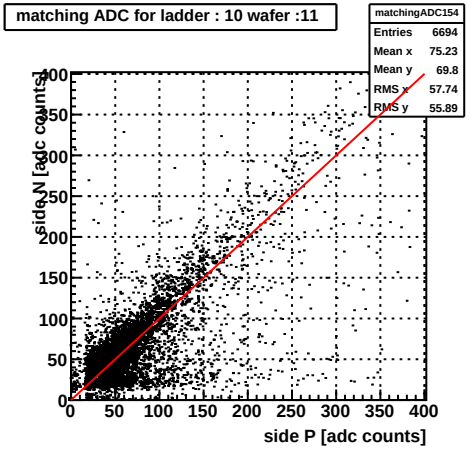

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4068
Mean x 69.28
Mean y 77.97
RMS x 54.29
RMS y 59.43
side N [adc counts]
side P [adc counts]

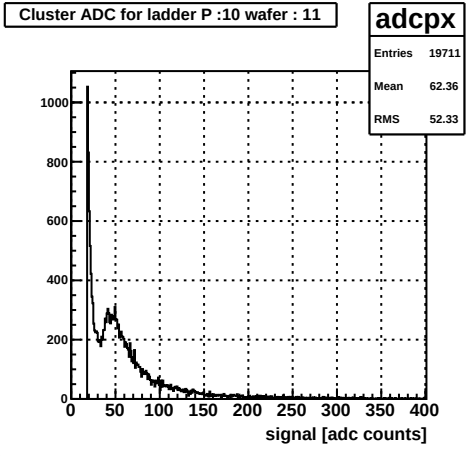

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 26211
Mean 55.97
RMS 54.2
signal [adc counts]

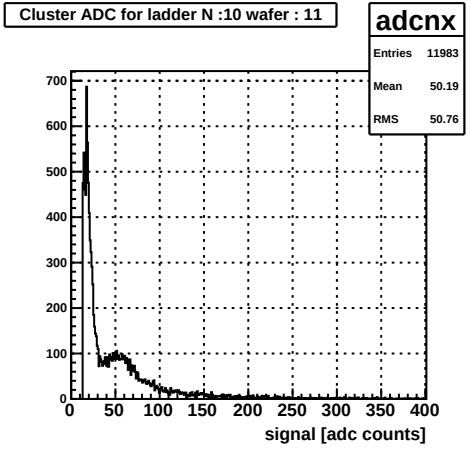

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 8567
Mean 54.7
RMS 54.89
signal [adc counts]

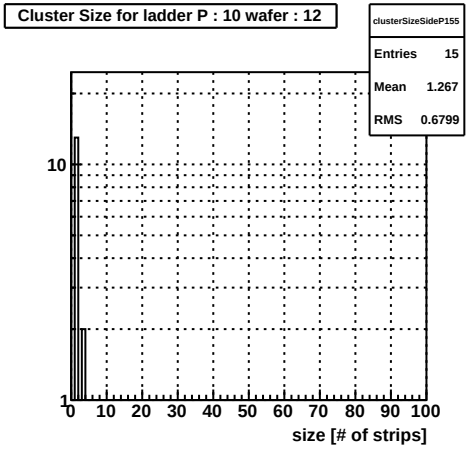

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 19711
Mean 1.353
RMS 0.6466
size [# of strips]

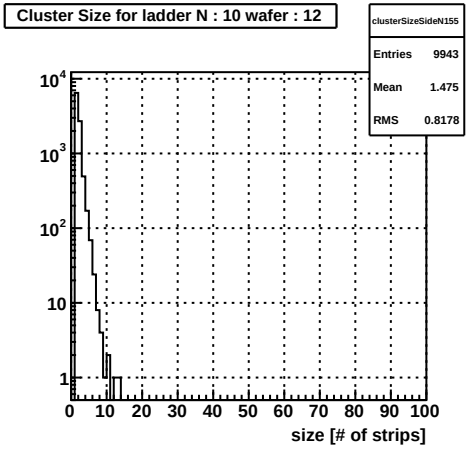

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 11983
Mean 1.303
RMS 0.6545
size [# of strips]

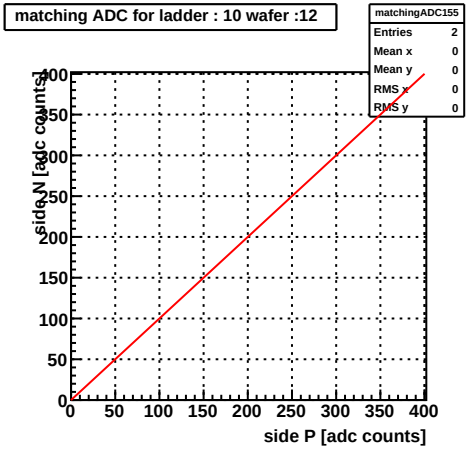

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6694
Mean x 75.23
Mean y 69.8
RMS x 57.74
RMS y 55.89
side N [adc counts]
side P [adc counts]

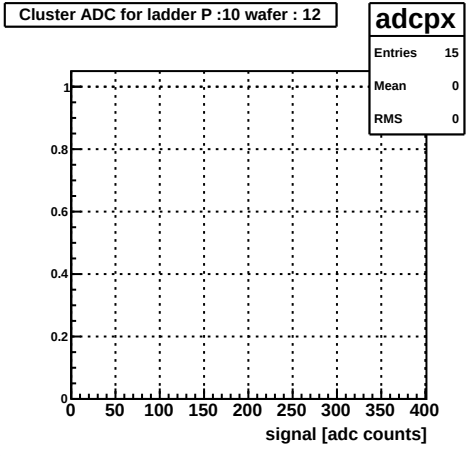

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 19711
Mean 62.36
RMS 52.33
signal [adc counts]

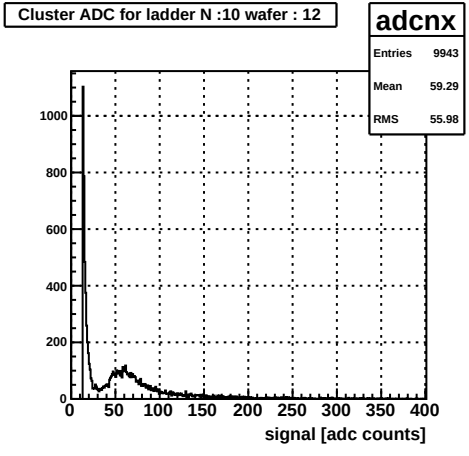

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 11983
Mean 50.19
RMS 50.76
signal [adc counts]

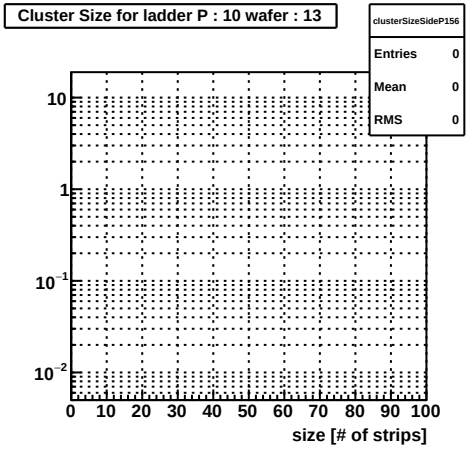

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 15
Mean 1.267
RMS 0.6799
size [# of strips]

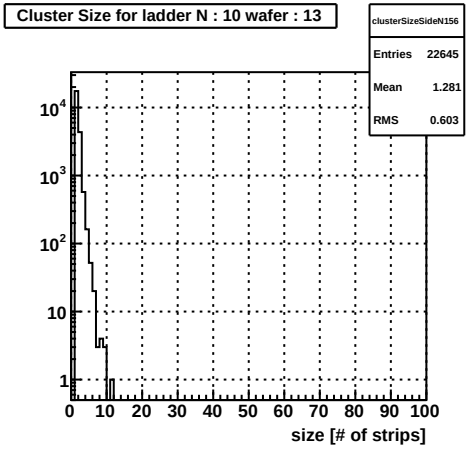

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 9943
Mean 1.475
RMS 0.8178
size [# of strips]

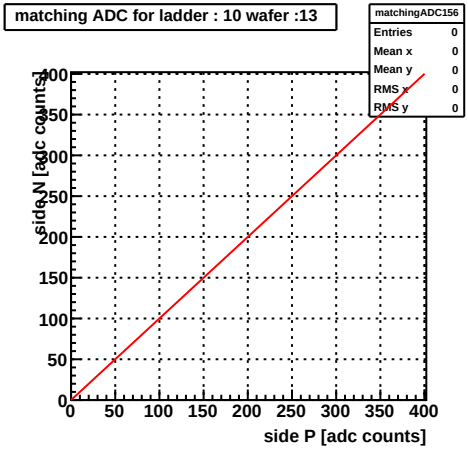

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

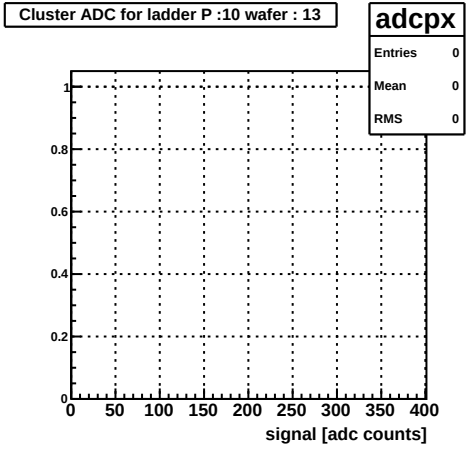

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

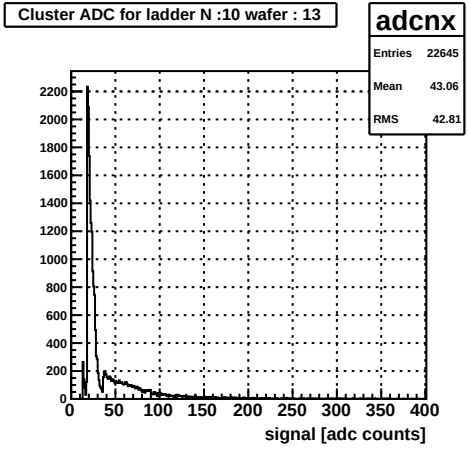

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 9943
Mean 59.29
RMS 55.98
signal [adc counts]

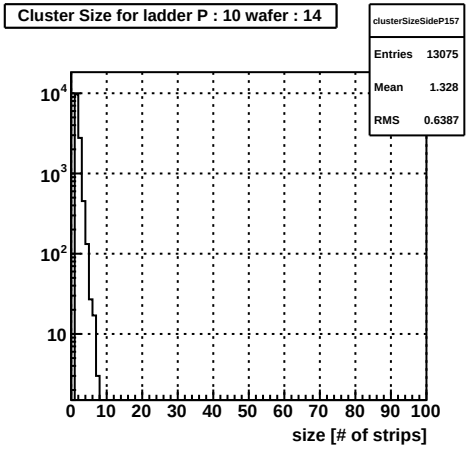

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

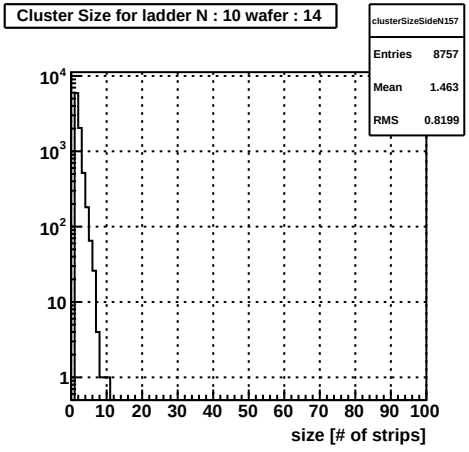

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 22645
Mean 1.281
RMS 0.603
size [# of strips]

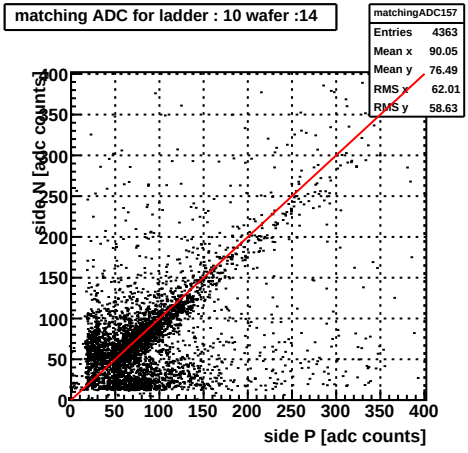

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

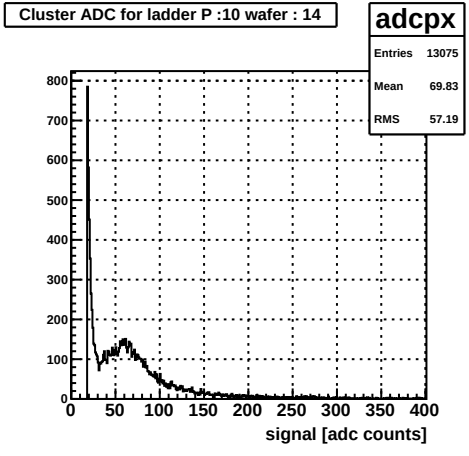

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

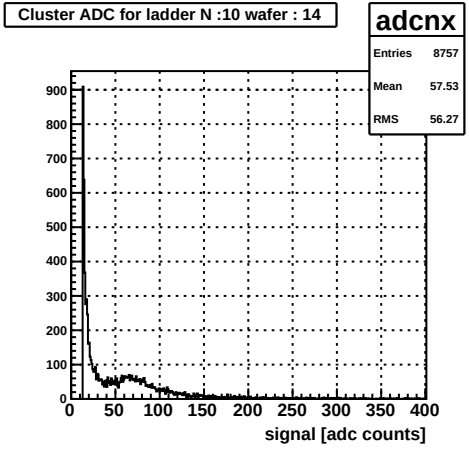

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 22645
Mean 43.06
RMS 42.81
signal [adc counts]

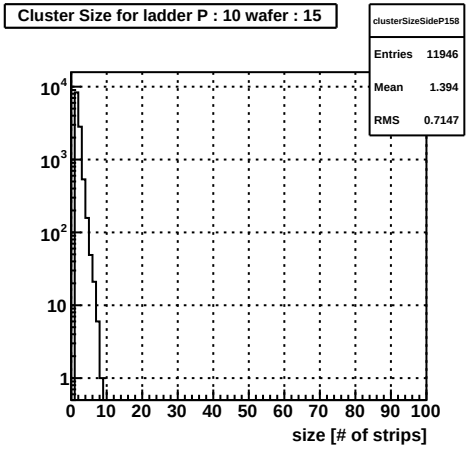

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 13075
Mean 1.328
RMS 0.6387
size [# of strips]

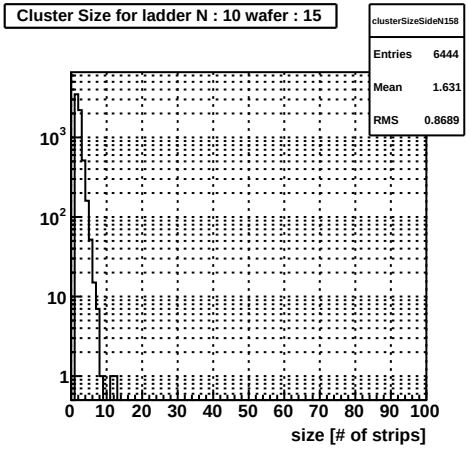

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 8757
Mean 1.463
RMS 0.8199
size [# of strips]

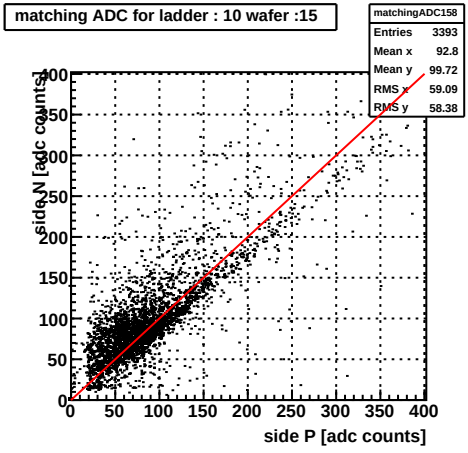

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 4363
Mean x 90.05
Mean y 76.49
RMS x 62.01
RMS y 58.63
side N [adc counts]
side P [adc counts]

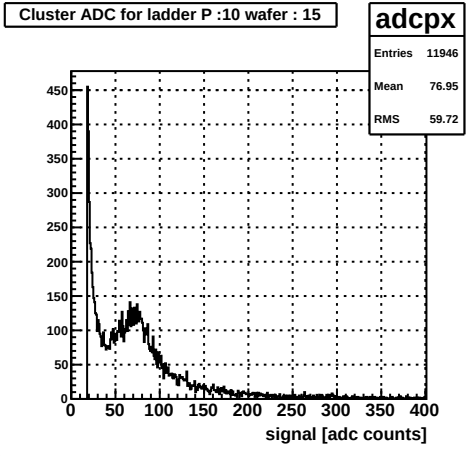

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 13075
Mean 69.83
RMS 57.19
signal [adc counts]

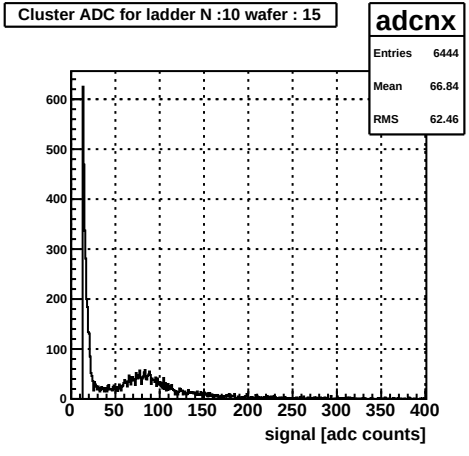

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 8757
Mean 57.53
RMS 56.27
signal [adc counts]

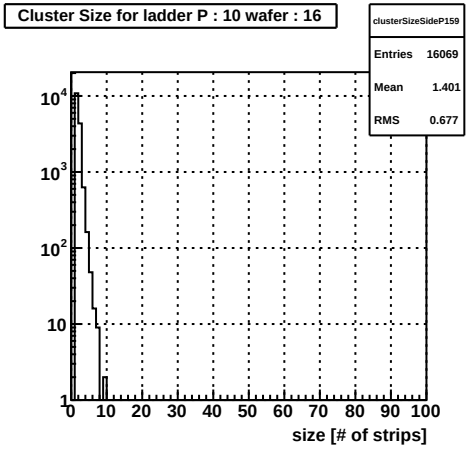

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 11946
Mean 1.394
RMS 0.7147
size [# of strips]

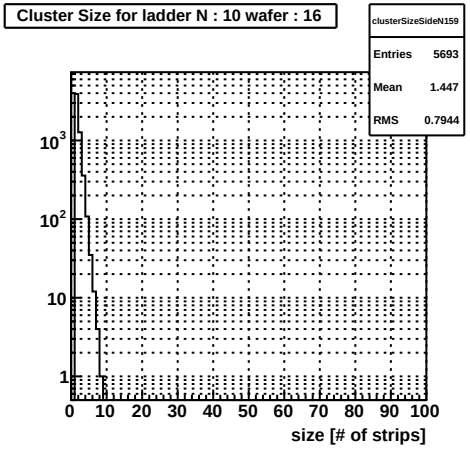

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 6444
Mean 1.631
RMS 0.8689
size [# of strips]

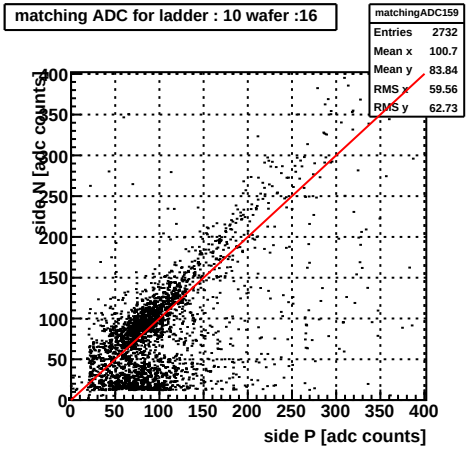

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3393
Mean x 92.8
Mean y 99.72
RMS x 59.09
RMS y 58.38
side N [adc counts]
side P [adc counts]

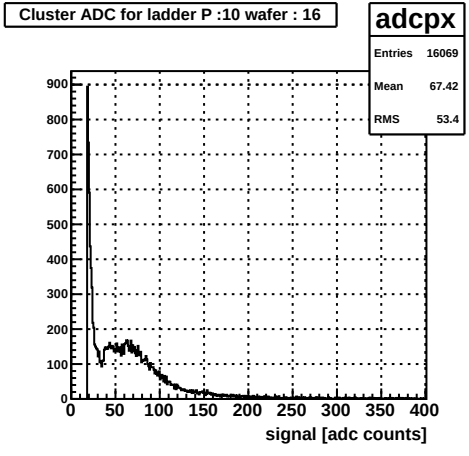

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 11946
Mean 76.95
RMS 59.72
signal [adc counts]

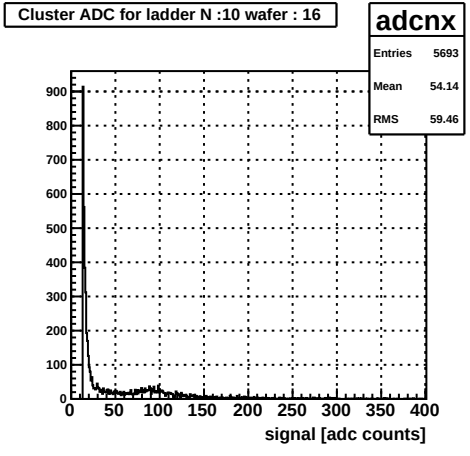

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 6444
Mean 66.84
RMS 62.46
signal [adc counts]

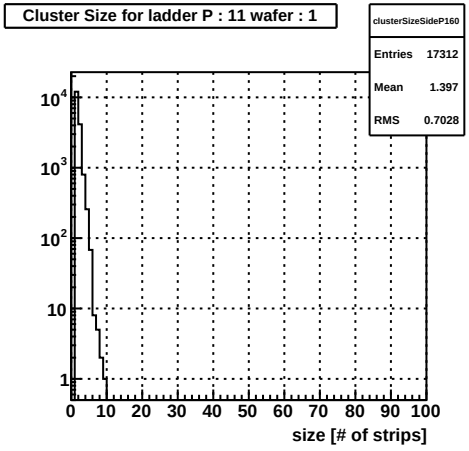

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 16069
Mean 1.401
RMS 0.677
size [# of strips]

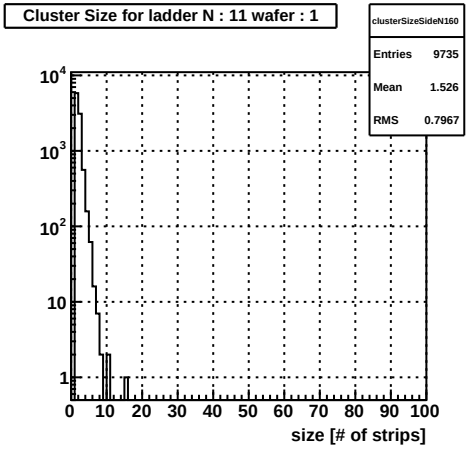

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 5693
Mean 1.447
RMS 0.7944
size [# of strips]

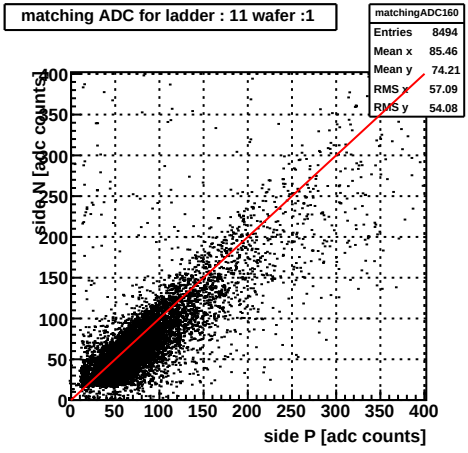

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 2732
Mean x 100.7
Mean y 83.84
RMS x 59.56
RMS y 62.73
side N [adc counts]
side P [adc counts]

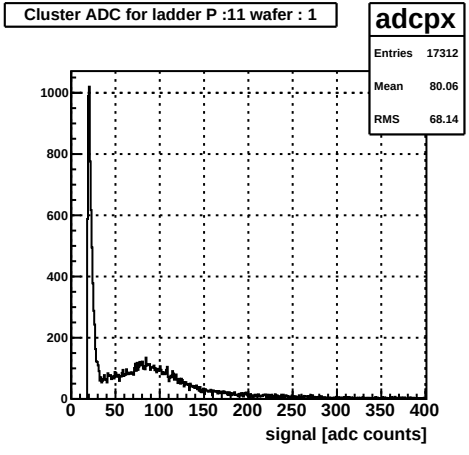

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 16069
Mean 67.42
RMS 53.4
signal [adc counts]

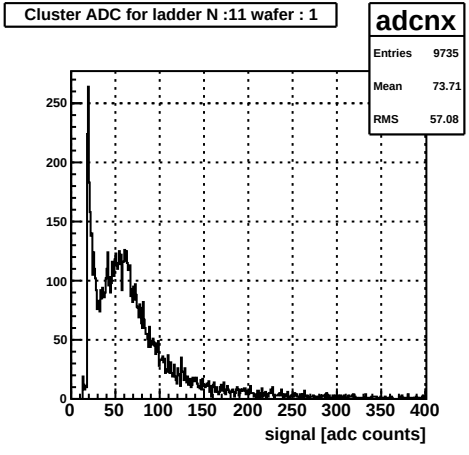

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 5693
Mean 54.14
RMS 59.46
signal [adc counts]

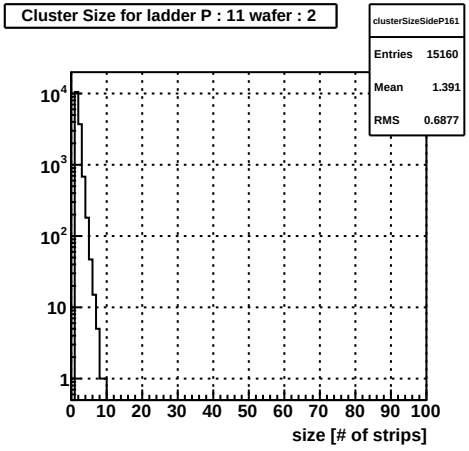

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 17312
Mean 1.397
RMS 0.7028
size [# of strips]

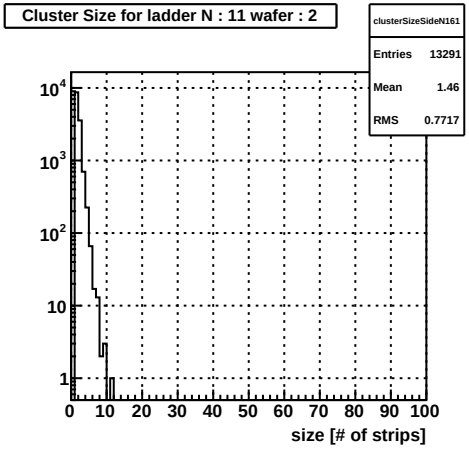

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 9735
Mean 1.526
RMS 0.7967
size [# of strips]

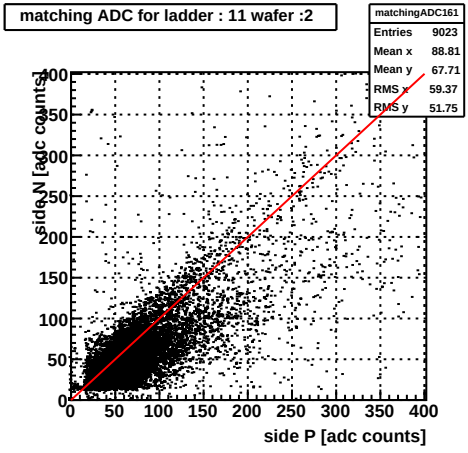

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8494
Mean x 85.46
Mean y 74.21
RMS x 57.09
RMS y 54.08
side N [adc counts]
side P [adc counts]

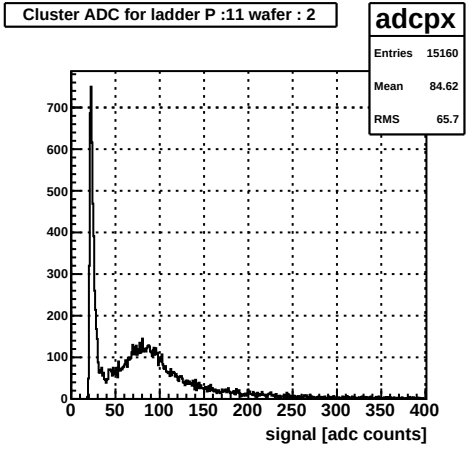

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 17312
Mean 80.06
RMS 68.14
signal [adc counts]

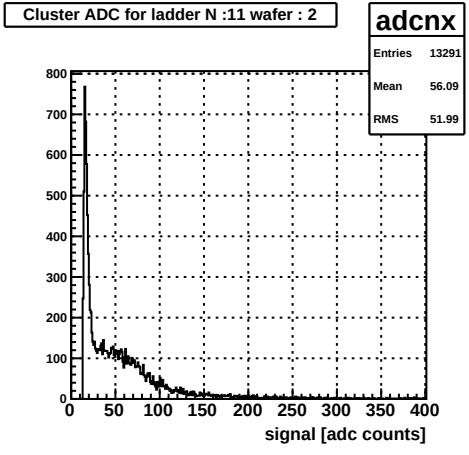

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 9735
Mean 73.71
RMS 57.08
signal [adc counts]

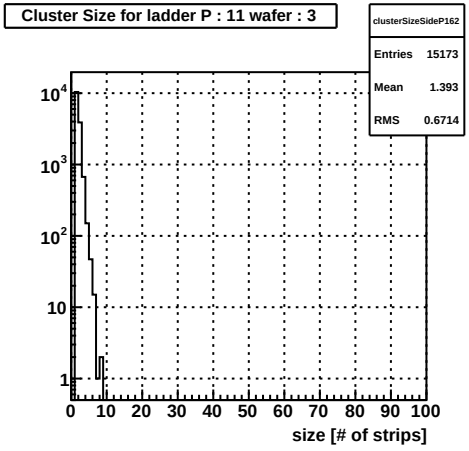

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 15160
Mean 1.391
RMS 0.6877
size [# of strips]

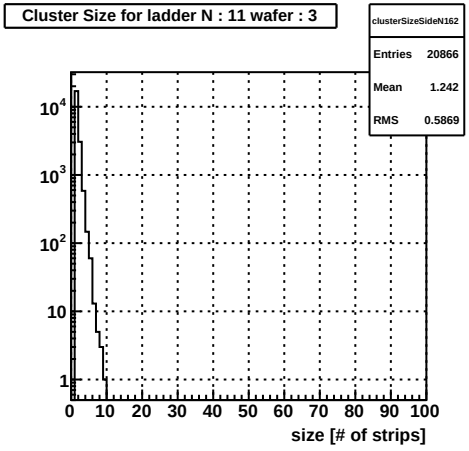

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 13291
Mean 1.46
RMS 0.7717
size [# of strips]

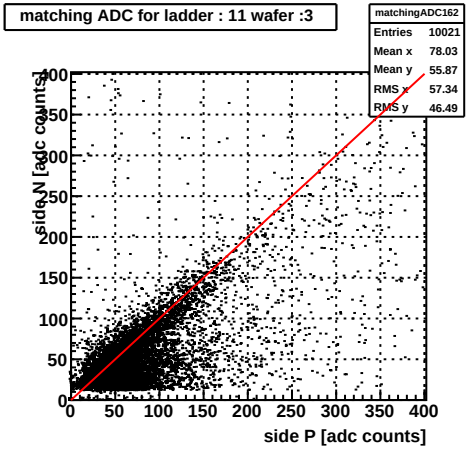

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 9023
Mean x 88.81
Mean y 67.71
RMS x 59.37
RMS y 51.75
side N [adc counts]
side P [adc counts]

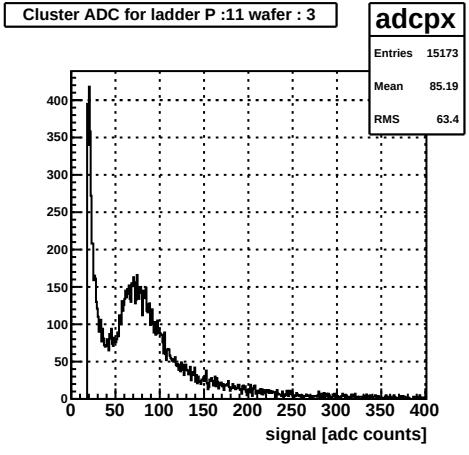

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 15160
Mean 84.62
RMS 65.7
signal [adc counts]

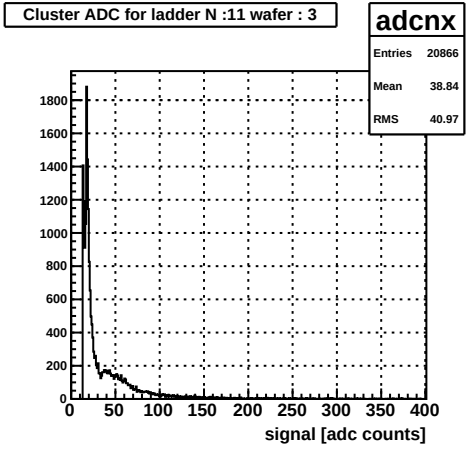

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 13291
Mean 56.09
RMS 51.99
signal [adc counts]

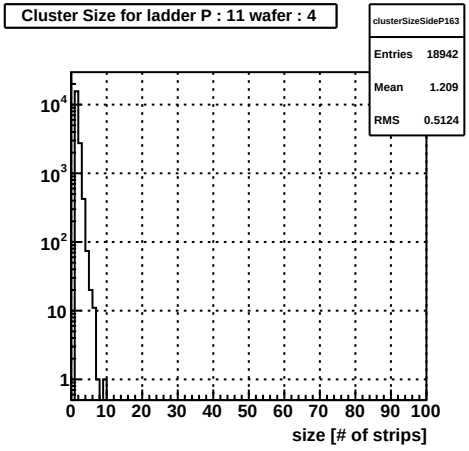

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 15173
Mean 1.393
RMS 0.6714
size [# of strips]

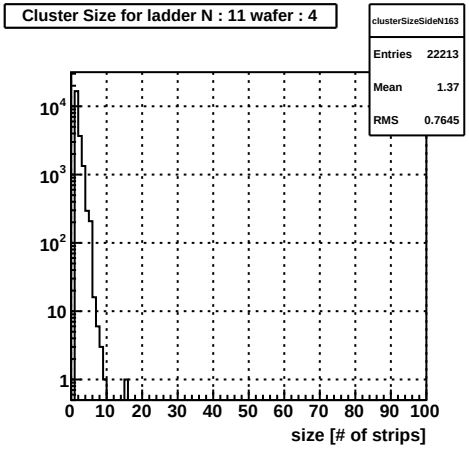

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 20866
Mean 1.242
RMS 0.5869
size [# of strips]

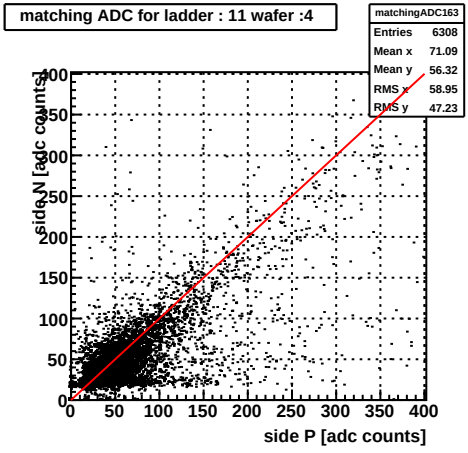

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 10021
Mean x 78.03
Mean y 55.87
RMS x 57.34
RMS y 46.49
side N [adc counts]
side P [adc counts]

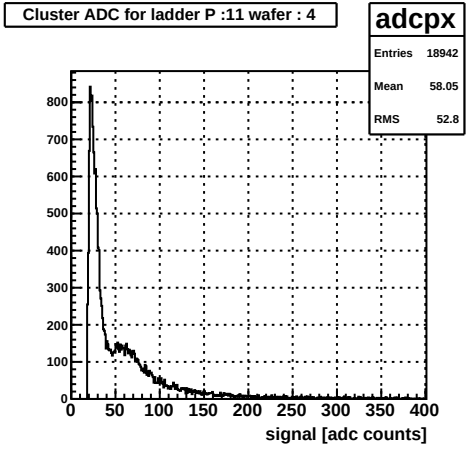

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 15173
Mean 85.19
RMS 63.4
signal [adc counts]

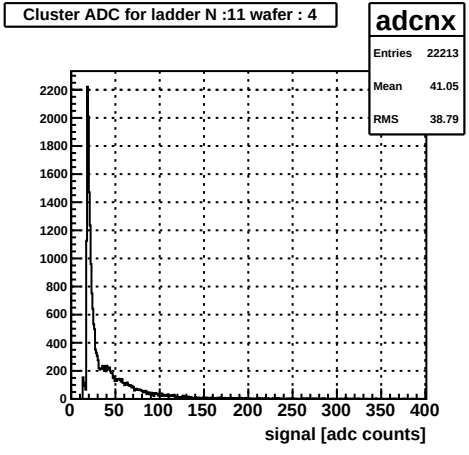

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 20866
Mean 38.84
RMS 40.97
signal [adc counts]

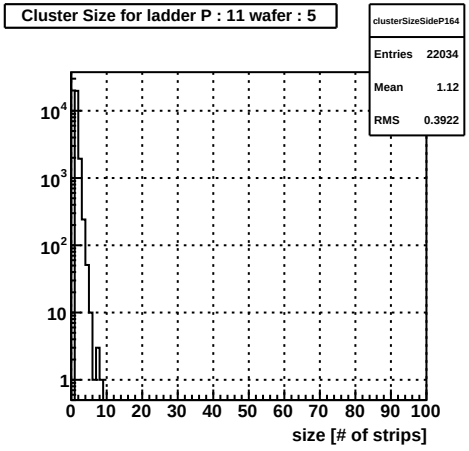

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 18942
Mean 1.209
RMS 0.5124
size [# of strips]

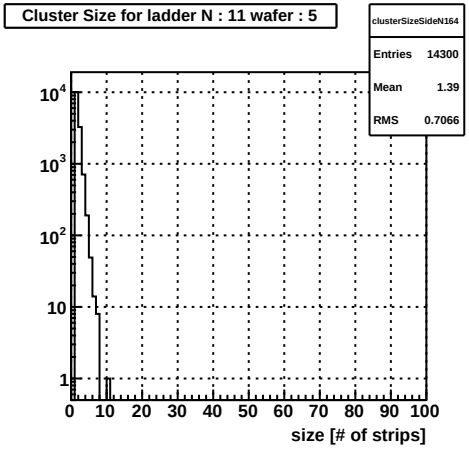

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 22213
Mean 1.37
RMS 0.7645
size [# of strips]

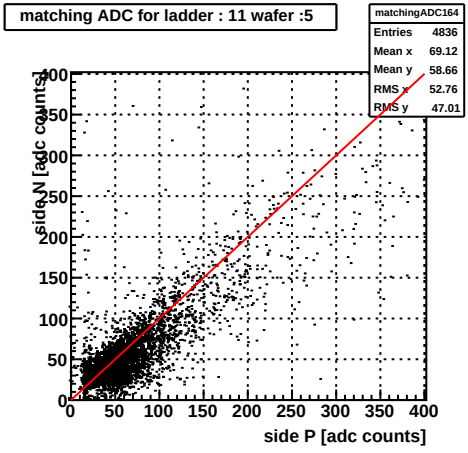

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 6308
Mean x 71.09
Mean y 56.32
RMS x 58.95
RMS y 47.23
side N [adc counts]
side P [adc counts]

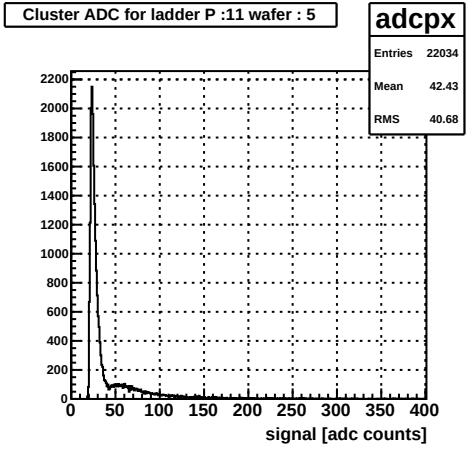

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 18942
Mean 58.05
RMS 52.8
signal [adc counts]

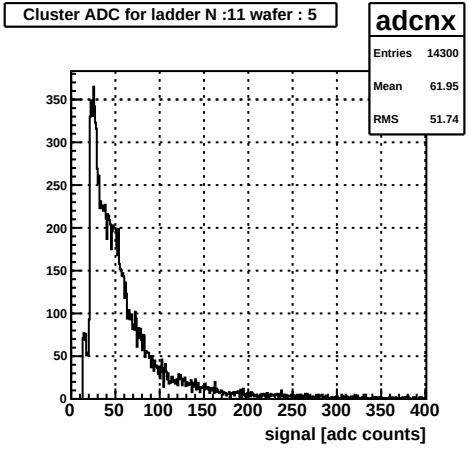

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 22213
Mean 41.05
RMS 38.79
signal [adc counts]

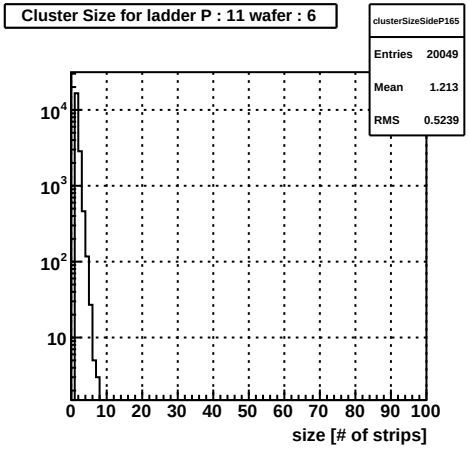

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 22034
Mean 1.12
RMS 0.3922
size [# of strips]

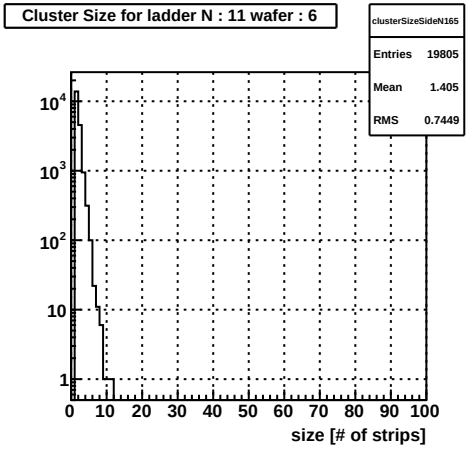

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 14300
Mean 1.39
RMS 0.7066
size [# of strips]

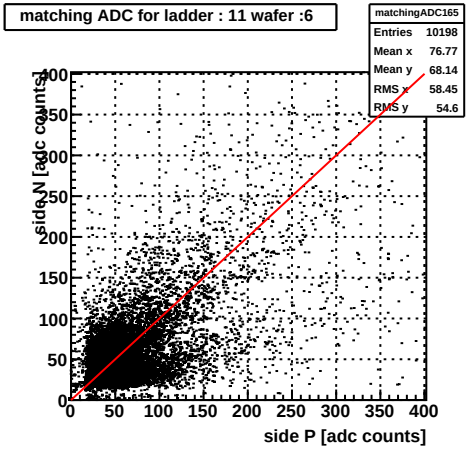

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 4836
Mean x 69.12
Mean y 58.66
RMS x 52.76
RMS y 47.01
side N [adc counts]
side P [adc counts]

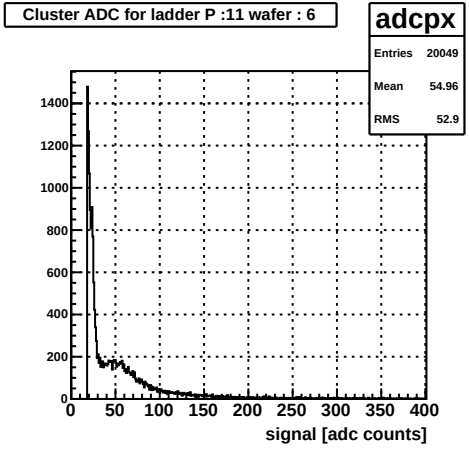

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 22034
Mean 42.43
RMS 40.68
signal [adc counts]

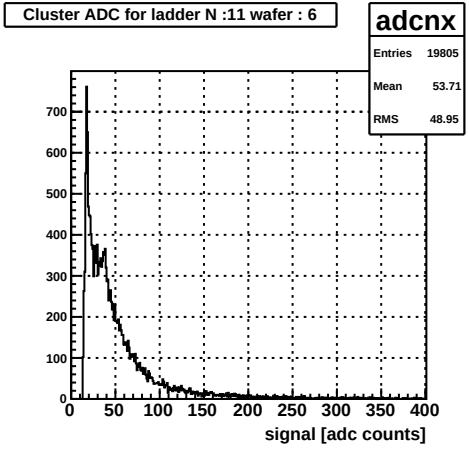

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 14300
Mean 61.95
RMS 51.74
signal [adc counts]

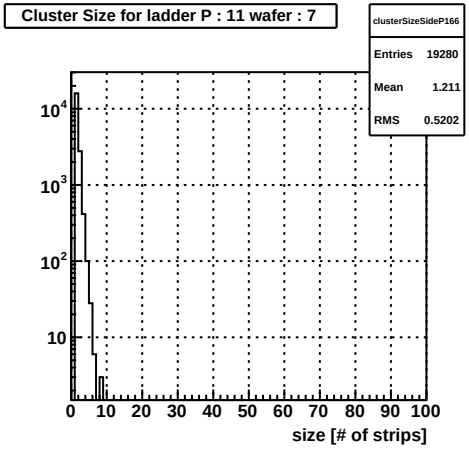

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 20049
Mean 1.213
RMS 0.5239
size [# of strips]

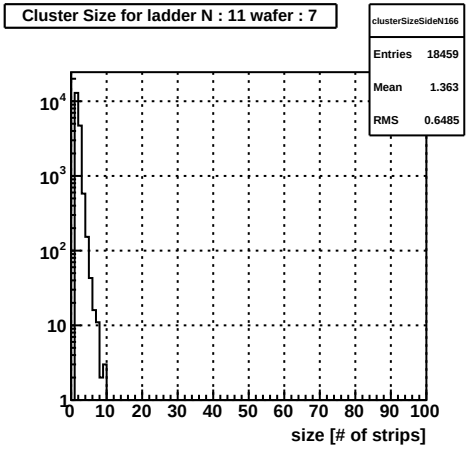

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 19805
Mean 1.405
RMS 0.7449
size [# of strips]

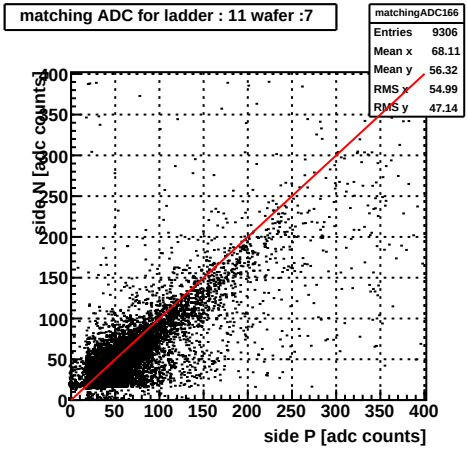

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 10198
Mean x 76.77
Mean y 68.14
RMS x 58.45
RMS y 54.6
side N [adc counts]
side P [adc counts]

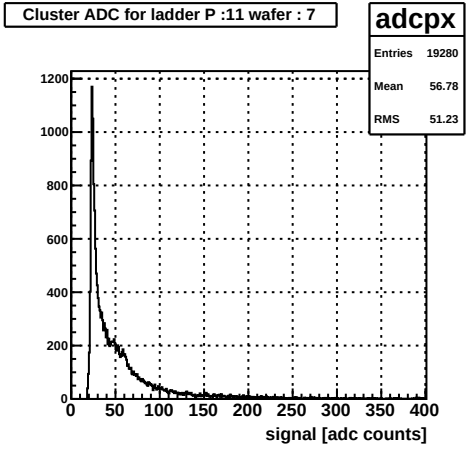

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 20049
Mean 54.96
RMS 52.9
signal [adc counts]

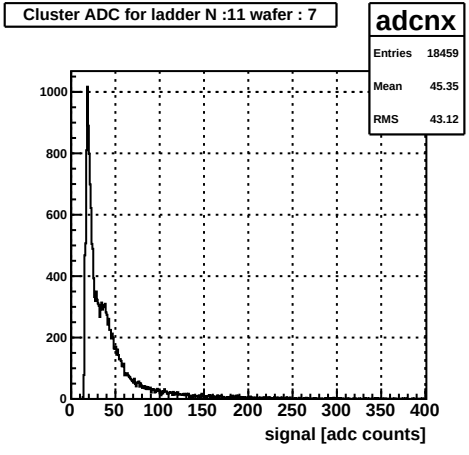

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 19805
Mean 53.71
RMS 48.95
signal [adc counts]

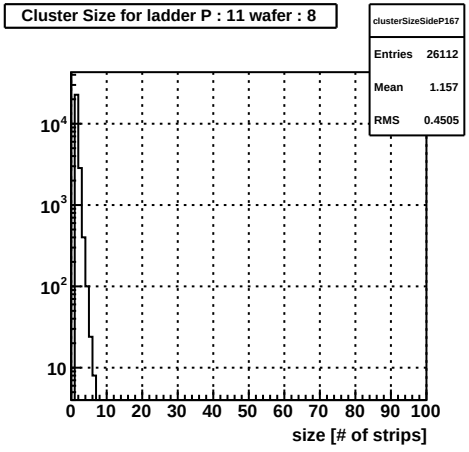

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 19280
Mean 1.211
RMS 0.5202
size [# of strips]

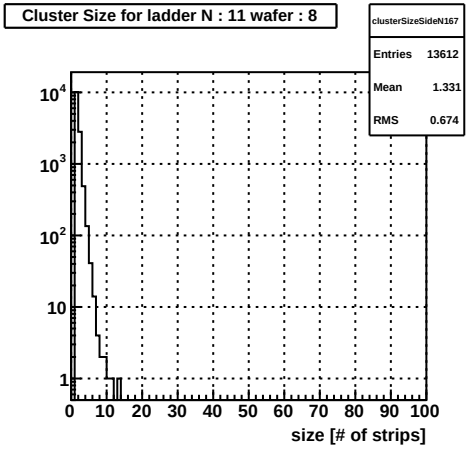

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 18459
Mean 1.363
RMS 0.6485
size [# of strips]

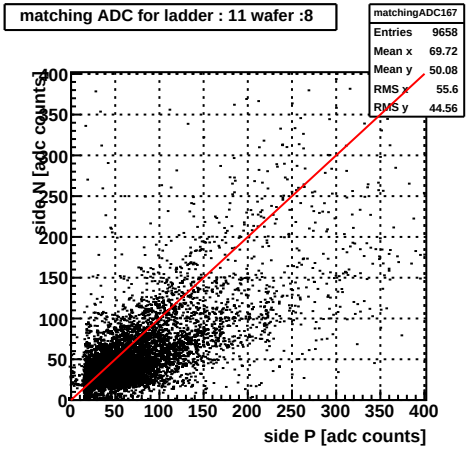

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 9306
Mean x 68.11
Mean y 56.32
RMS x 54.99
RMS y 47.14
side N [adc counts]
side P [adc counts]

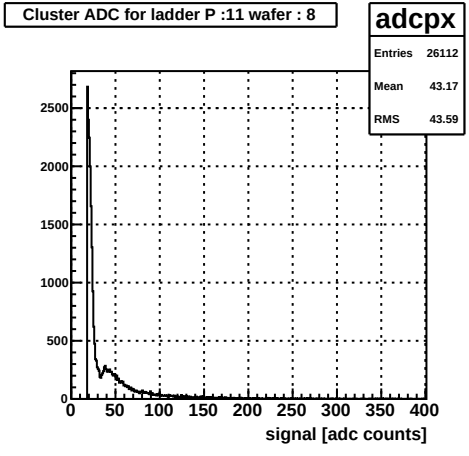

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 19280
Mean 56.78
RMS 51.23
signal [adc counts]

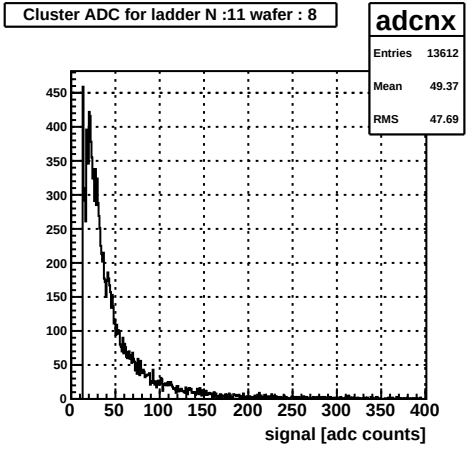

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 18459
Mean 45.35
RMS 43.12
signal [adc counts]

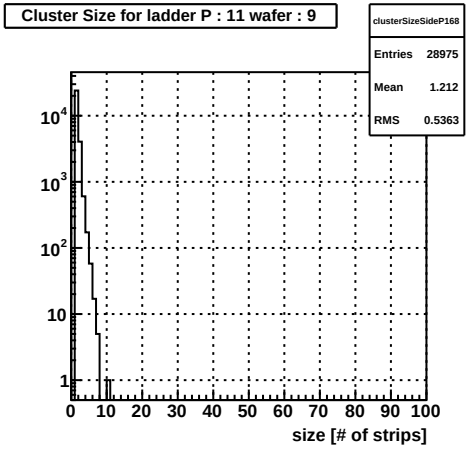

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 26112
Mean 1.157
RMS 0.4505
size [# of strips]

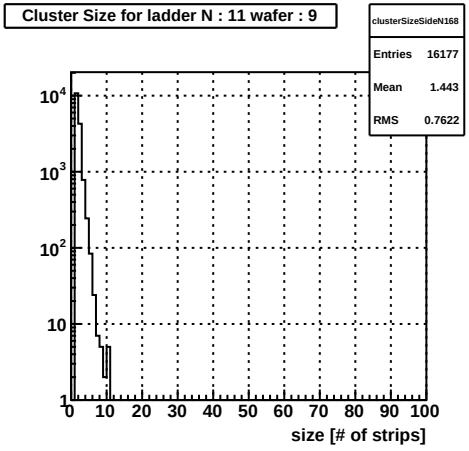

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 13612
Mean 1.331
RMS 0.674
size [# of strips]

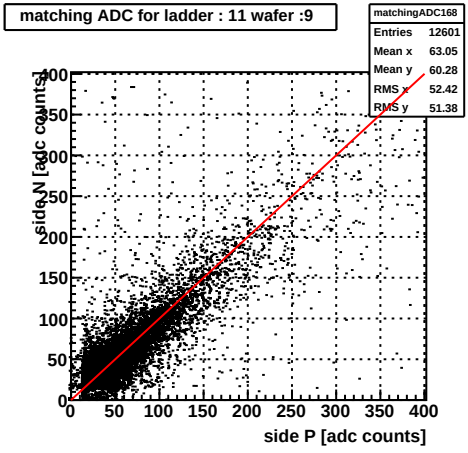

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 9658
Mean x 69.72
Mean y 50.08
RMS x 55.6
RMS y 44.56
side N [adc counts]
side P [adc counts]

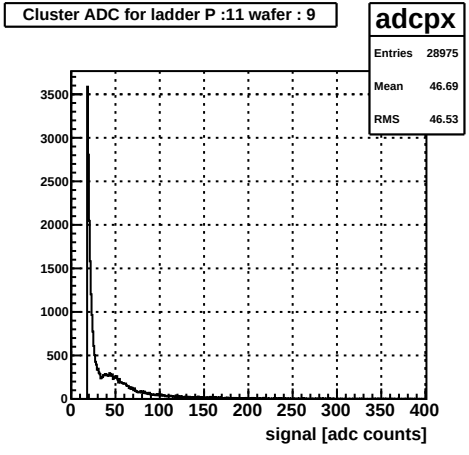

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 26112
Mean 43.17
RMS 43.59
signal [adc counts]

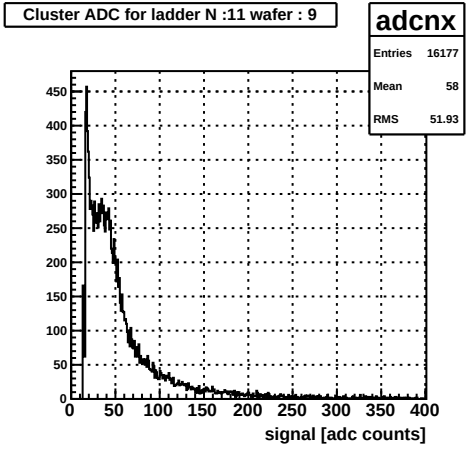

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 13612
Mean 49.37
RMS 47.69
signal [adc counts]

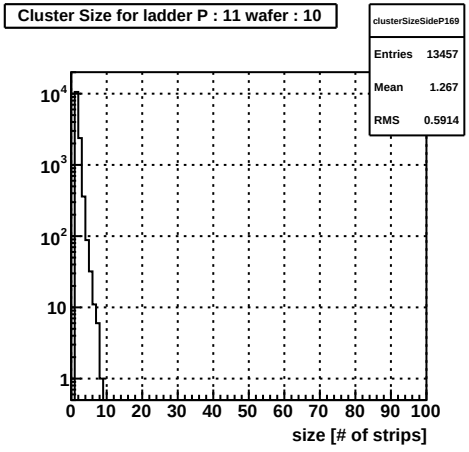

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 28975
Mean 1.212
RMS 0.5363
size [# of strips]

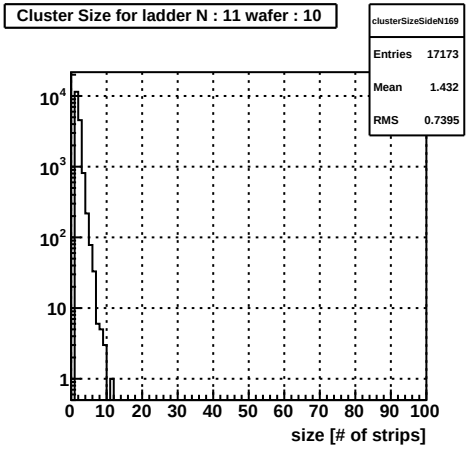

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 16177
Mean 1.443
RMS 0.7622
size [# of strips]

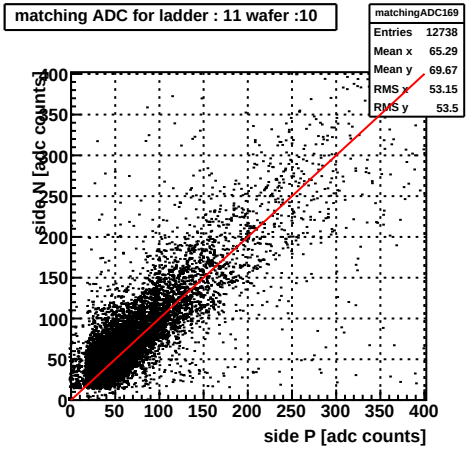

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 12601
Mean x 63.05
Mean y 60.28
RMS x 52.42
RMS y 51.38
side N [adc counts]
side P [adc counts]

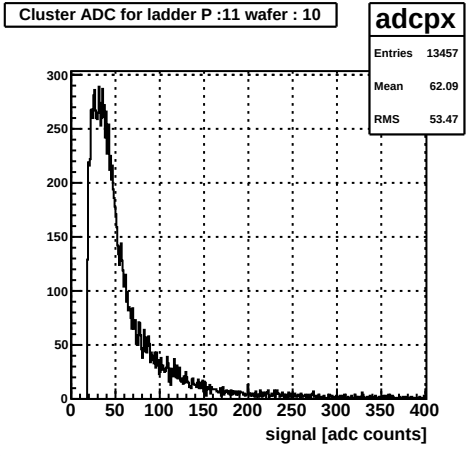

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 28975
Mean 46.69
RMS 46.53
signal [adc counts]

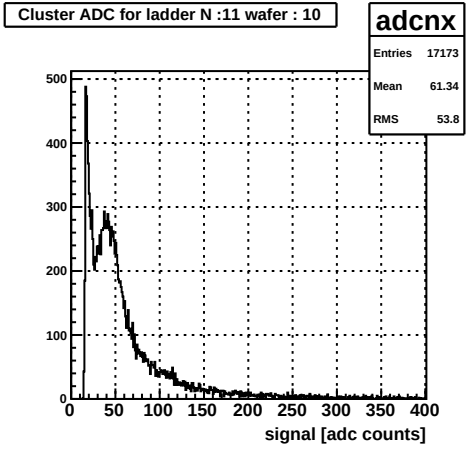

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 16177
Mean 58
RMS 51.93
signal [adc counts]

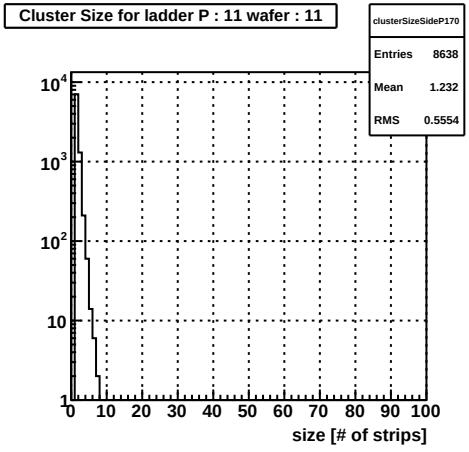

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 13457
Mean 1.267
RMS 0.5914
size [# of strips]

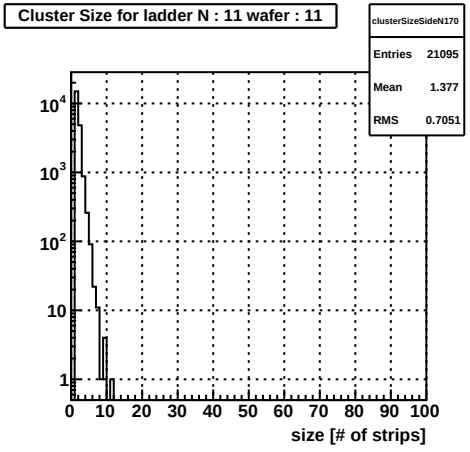

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 17173
Mean 1.432
RMS 0.7395
size [# of strips]

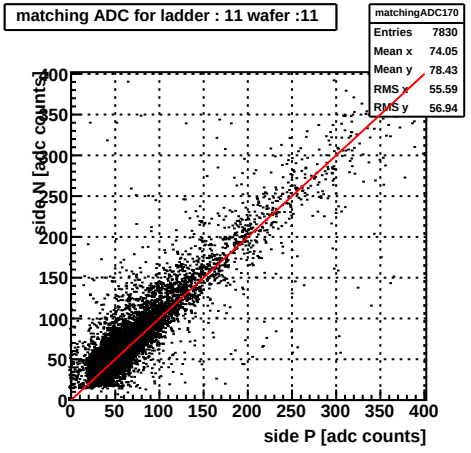

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 12738
Mean x 65.29
Mean y 69.67
RMS x 53.15
RMS y 53.5
side N [adc counts]
side P [adc counts]

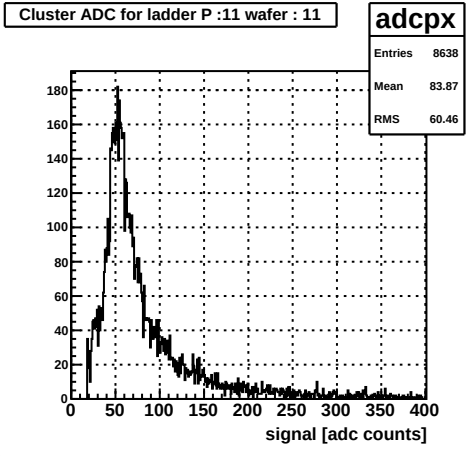

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 13457
Mean 62.09
RMS 53.47
signal [adc counts]

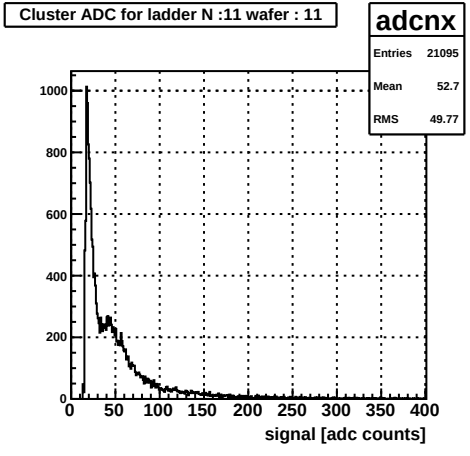

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 17173
Mean 61.34
RMS 53.8
signal [adc counts]

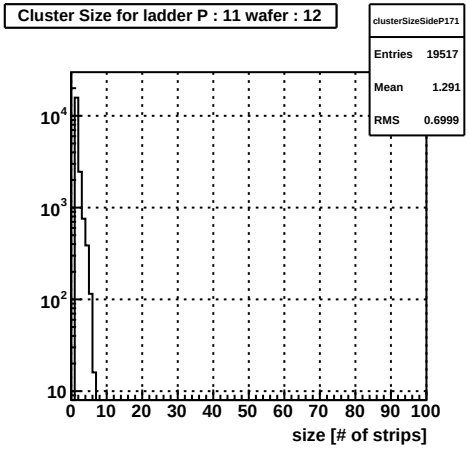

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 8638
Mean 1.232
RMS 0.5554
size [# of strips]

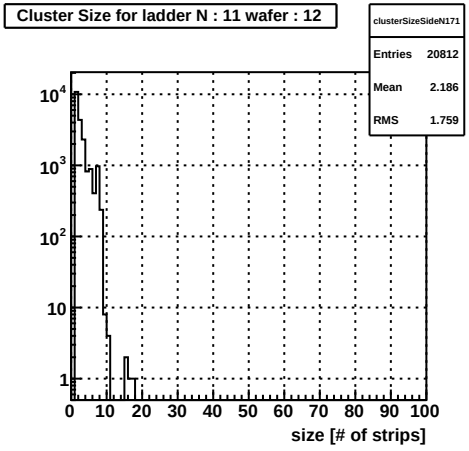

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 21095
Mean 1.377
RMS 0.7051
size [# of strips]

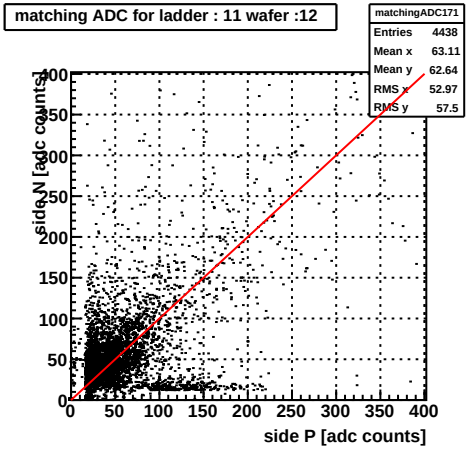

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 7830
Mean x 74.05
Mean y 78.43
RMS x 55.59
RMS y 56.94
side N [adc counts]
side P [adc counts]

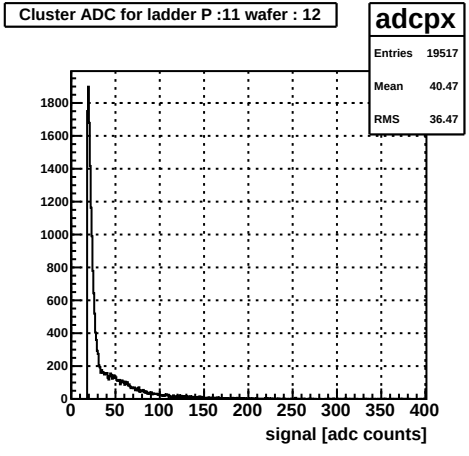

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 8638
Mean 83.87
RMS 60.46
signal [adc counts]

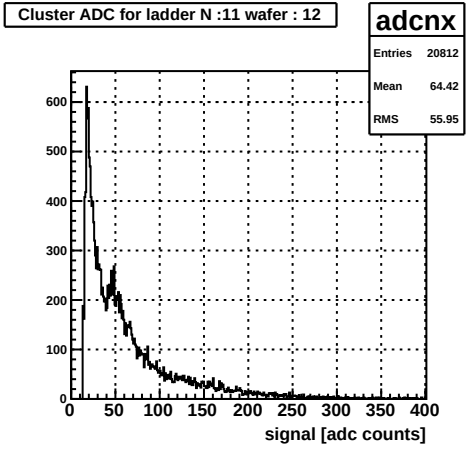

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 21095
Mean 52.7
RMS 49.77
signal [adc counts]

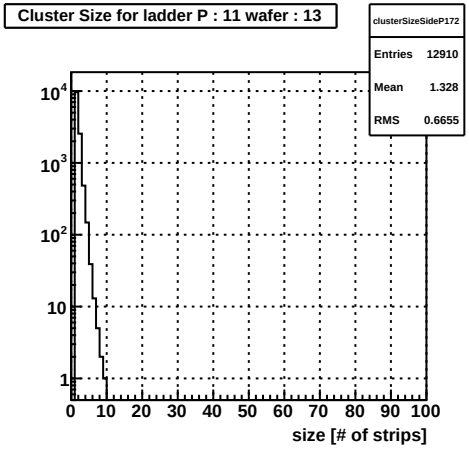

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 19517
Mean 1.291
RMS 0.6999
size [# of strips]

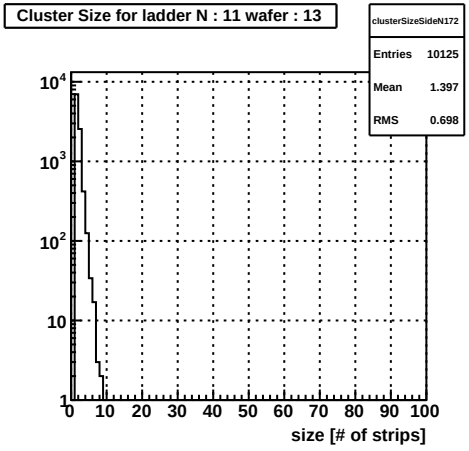

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 20812
Mean 2.186
RMS 1.759
size [# of strips]

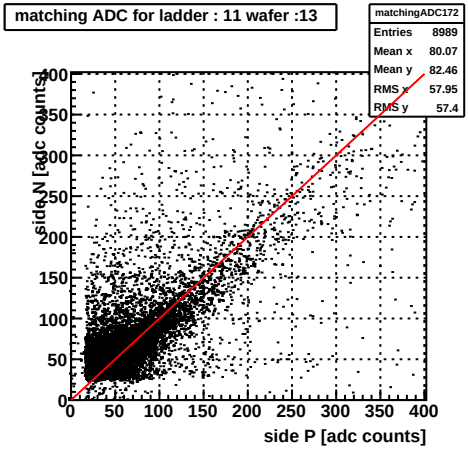

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 4438
Mean x 63.11
Mean y 62.64
RMS x 52.97
RMS y 57.5
side N [adc counts]
side P [adc counts]

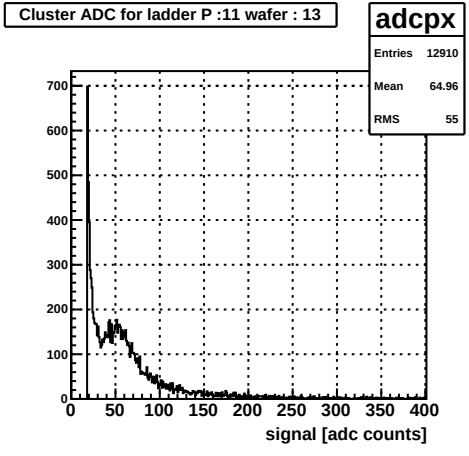

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 19517
Mean 40.47
RMS 36.47
signal [adc counts]

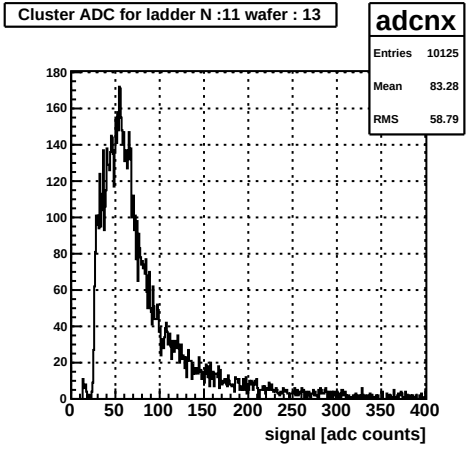

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 20812
Mean 64.42
RMS 55.95
signal [adc counts]

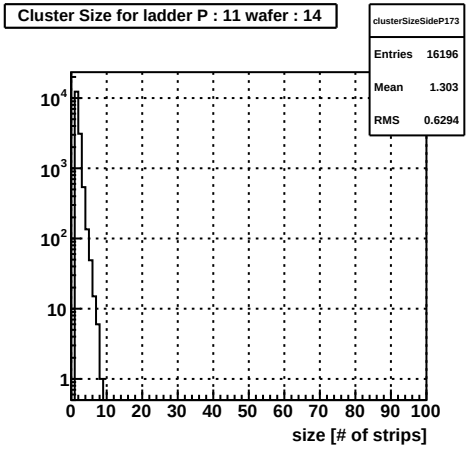

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 12910
Mean 1.328
RMS 0.6655
size [# of strips]

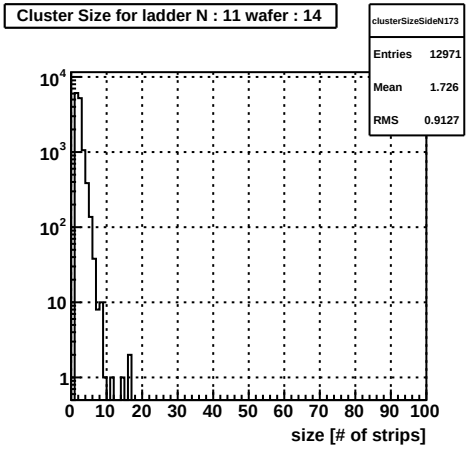

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 10125
Mean 1.397
RMS 0.698
size [# of strips]

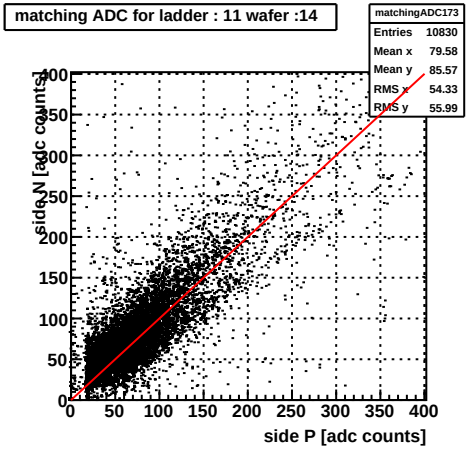

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 8989
Mean x 80.07
Mean y 82.46
RMS x 57.95
RMS y 57.4
side N [adc counts]
side P [adc counts]

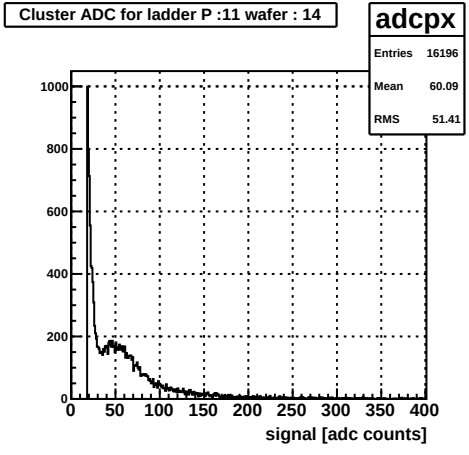

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 12910
Mean 64.96
RMS 55
signal [adc counts]

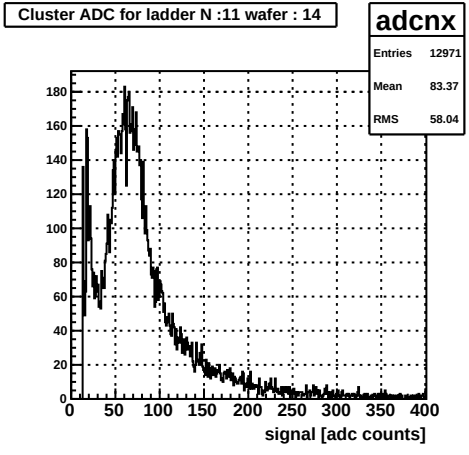

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 10125
Mean 83.28
RMS 58.79
signal [adc counts]

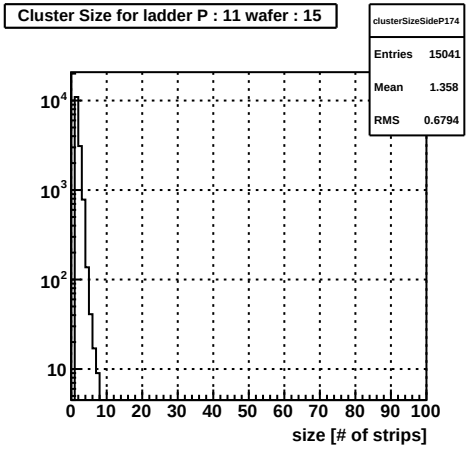

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 16196
Mean 1.303
RMS 0.6294
size [# of strips]

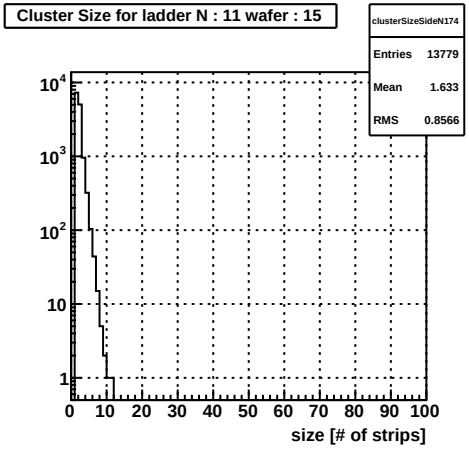

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 12971
Mean 1.726
RMS 0.9127
size [# of strips]

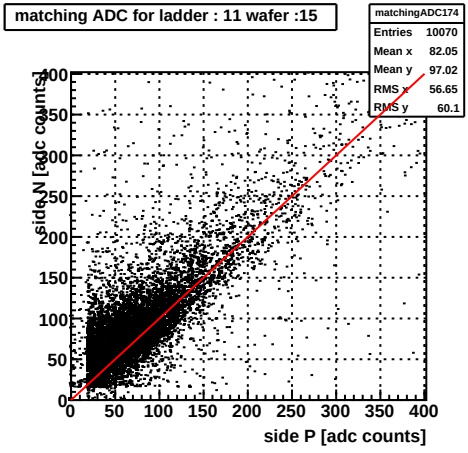

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 10830
Mean x 79.58
Mean y 85.57
RMS x 54.33
RMS y 55.99
side N [adc counts]
side P [adc counts]

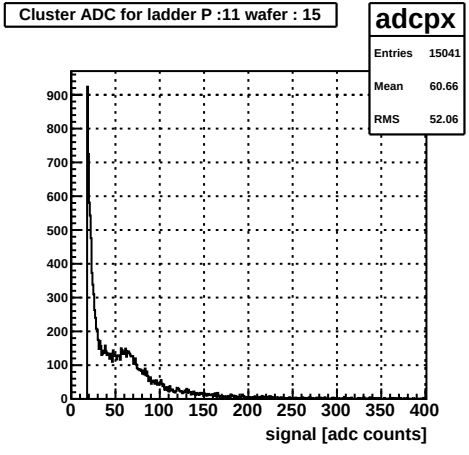

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 16196
Mean 60.09
RMS 51.41
signal [adc counts]

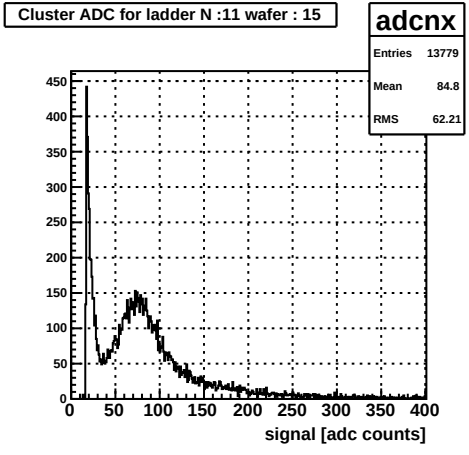

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 12971
Mean 83.37
RMS 58.04
signal [adc counts]

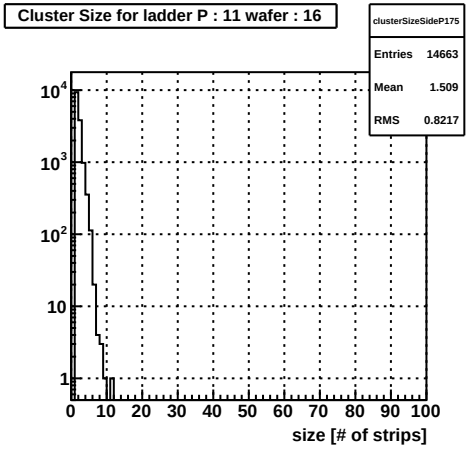

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 15041
Mean 1.358
RMS 0.6794
size [# of strips]

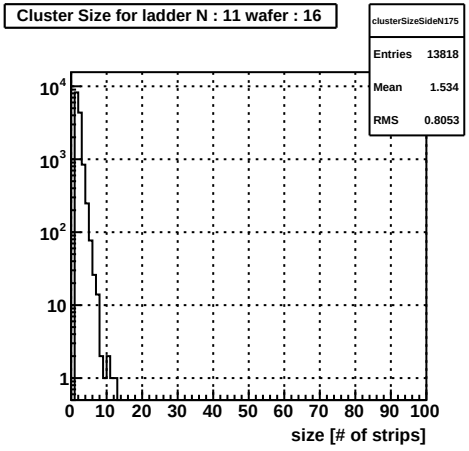

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 13779
Mean 1.633
RMS 0.8566
size [# of strips]

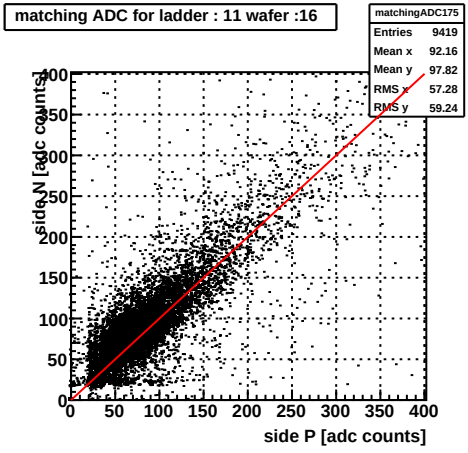

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 10070
Mean x 82.05
Mean y 97.02
RMS x 56.65
RMS y 60.1
side N [adc counts]
side P [adc counts]

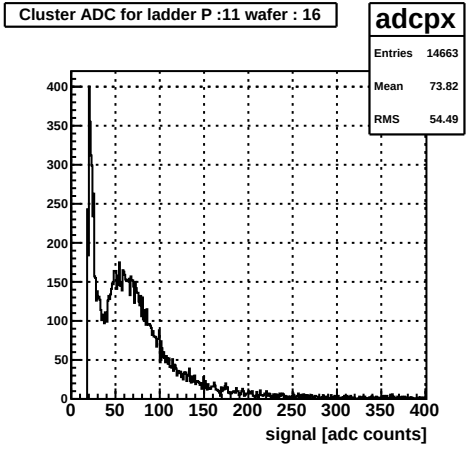

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 15041
Mean 60.66
RMS 52.06
signal [adc counts]

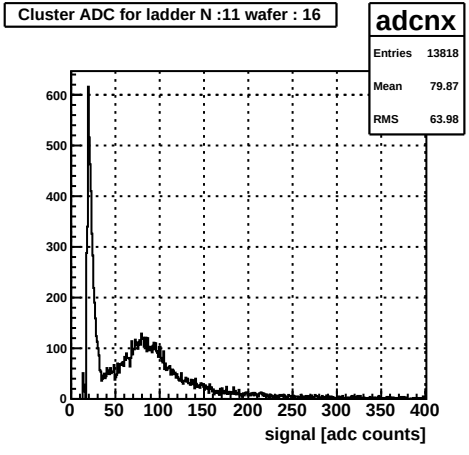

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 13779
Mean 84.8
RMS 62.21
signal [adc counts]

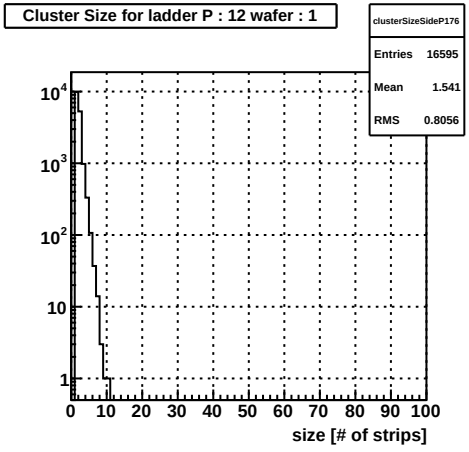

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 14663
Mean 1.509
RMS 0.8217
size [# of strips]

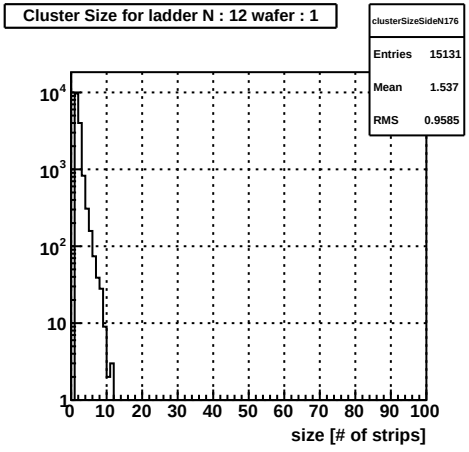

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 13818
Mean 1.534
RMS 0.8053
size [# of strips]

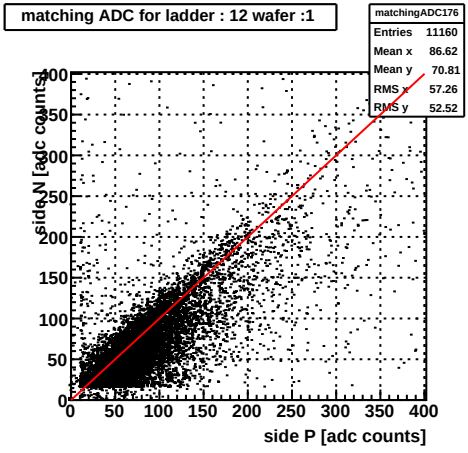

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 9419
Mean x 92.16
Mean y 97.82
RMS x 57.28
RMS y 59.24
side N [adc counts]
side P [adc counts]

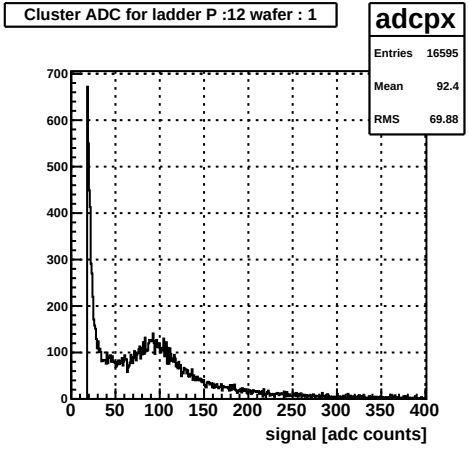

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 14663
Mean 73.82
RMS 54.49
signal [adc counts]

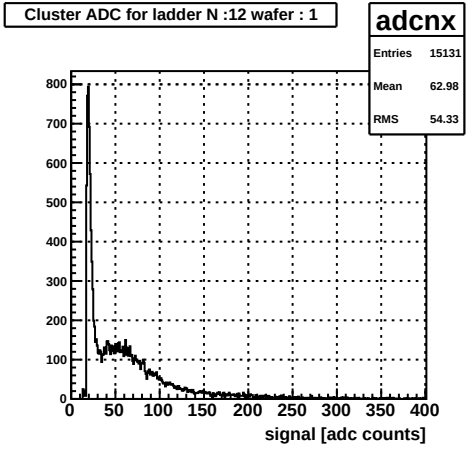

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 13818
Mean 79.87
RMS 63.98
signal [adc counts]

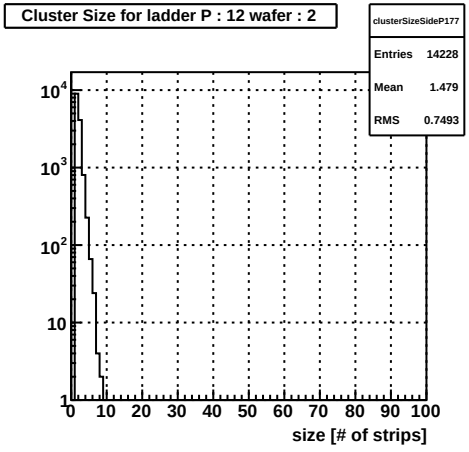

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 16595
Mean 1.541
RMS 0.8056
size [# of strips]

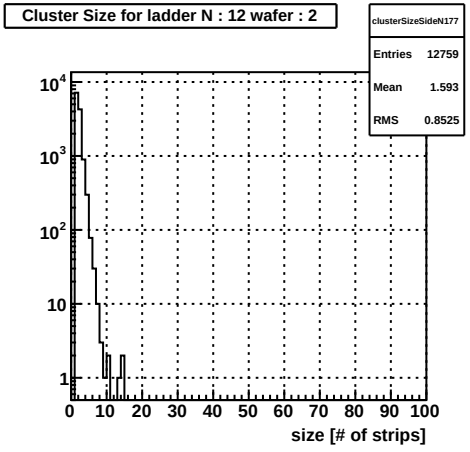

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 15131
Mean 1.537
RMS 0.9585
size [# of strips]

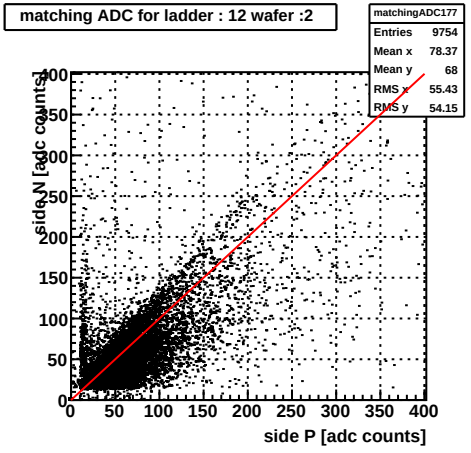

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 11160
Mean x 86.62
Mean y 70.81
RMS x 57.26
RMS y 52.52
side N [adc counts]
side P [adc counts]

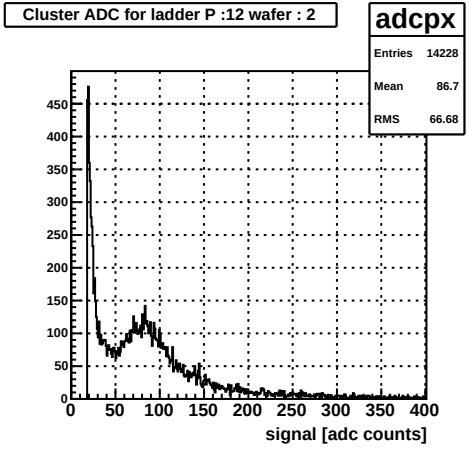

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 16595
Mean 92.4
RMS 69.88
signal [adc counts]

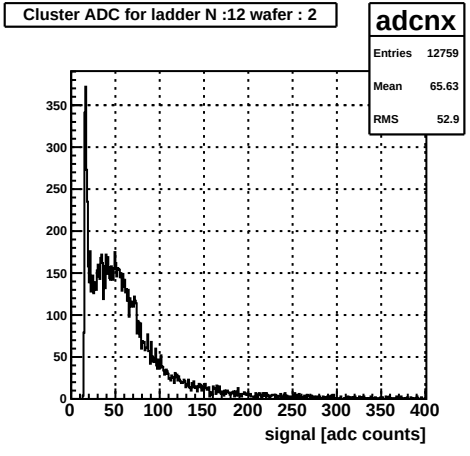

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 15131
Mean 62.98
RMS 54.33
signal [adc counts]

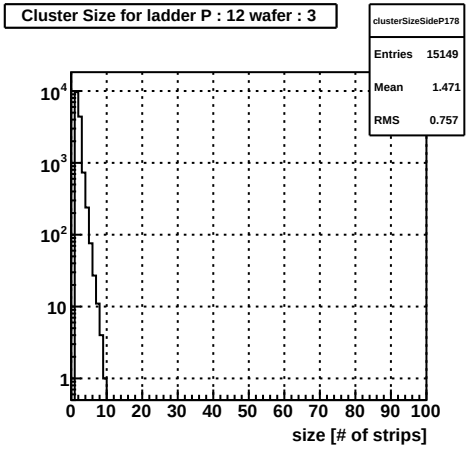

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 14228
Mean 1.479
RMS 0.7493
size [# of strips]

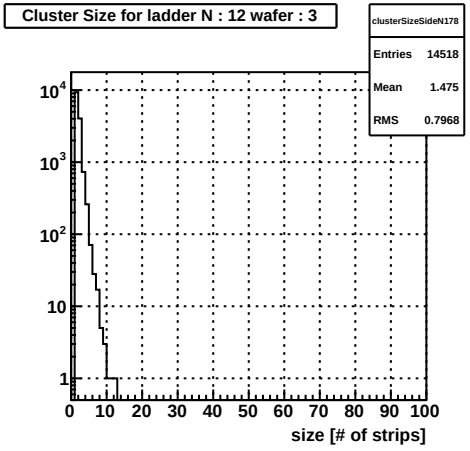

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 12759
Mean 1.593
RMS 0.8525
size [# of strips]

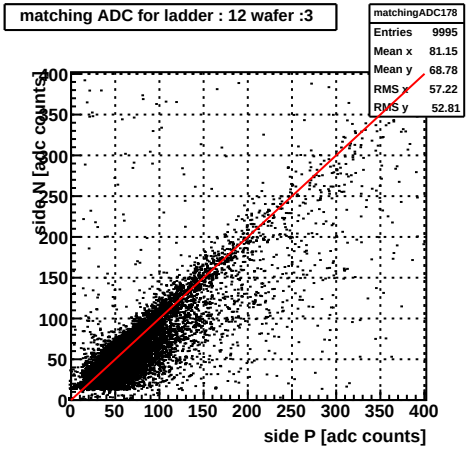

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 9754
Mean x 78.37
Mean y 68
RMS x 55.43
RMS y 54.15
side N [adc counts]
side P [adc counts]

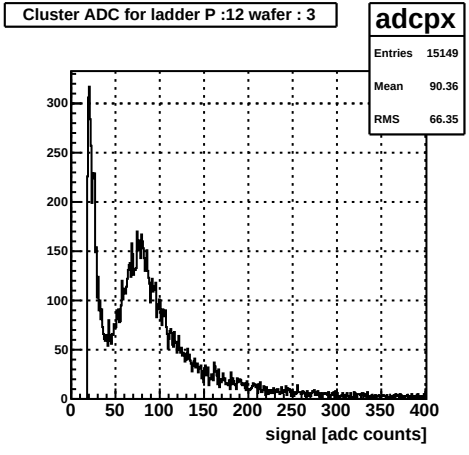

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 14228
Mean 86.7
RMS 66.68
signal [adc counts]

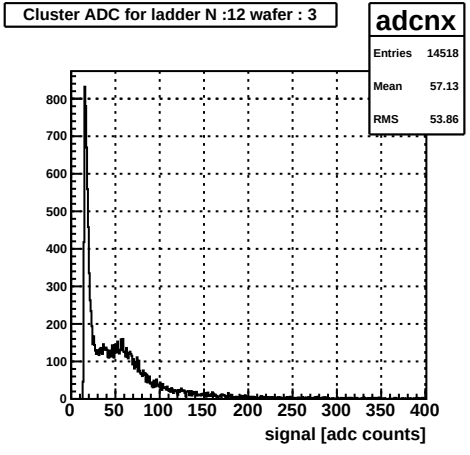

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 12759
Mean 65.63
RMS 52.9
signal [adc counts]

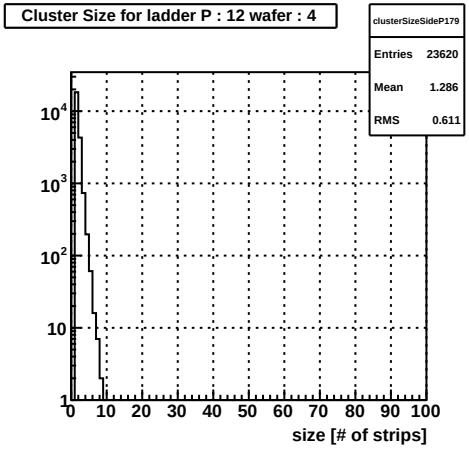

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 15149
Mean 1.471
RMS 0.757
size [# of strips]

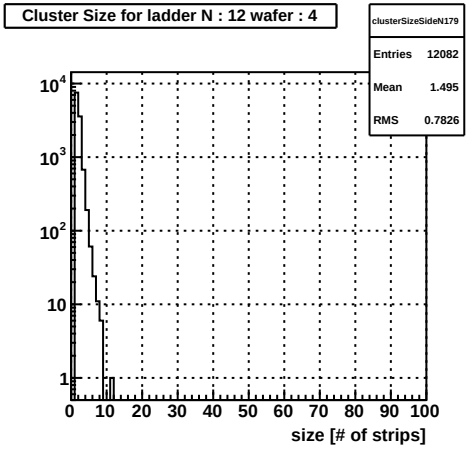

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 14518
Mean 1.475
RMS 0.7968
size [# of strips]

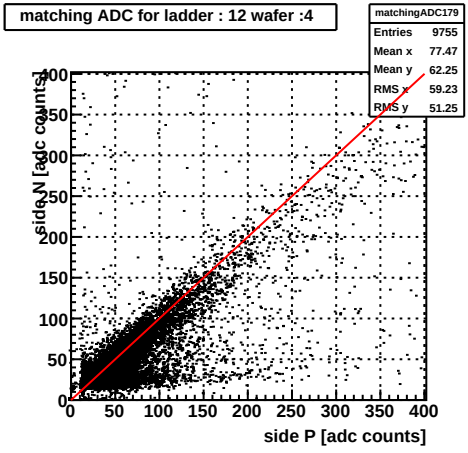

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 9995
Mean x 81.15
Mean y 68.78
RMS x 57.22
RMS y 52.81
side N [adc counts]
side P [adc counts]

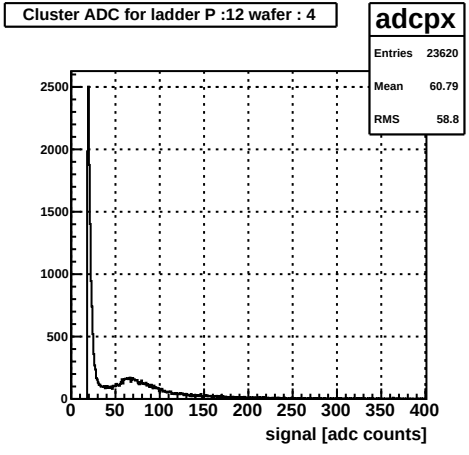

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 15149
Mean 90.36
RMS 66.35
signal [adc counts]

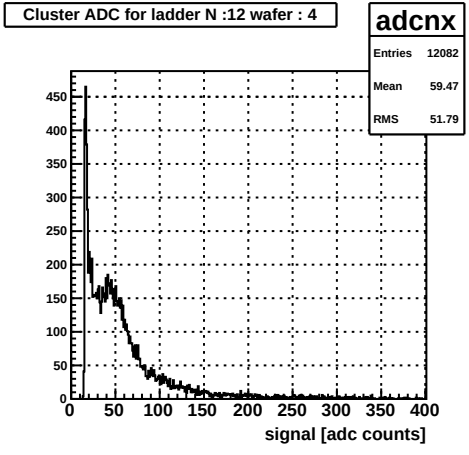

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 14518
Mean 57.13
RMS 53.86
signal [adc counts]

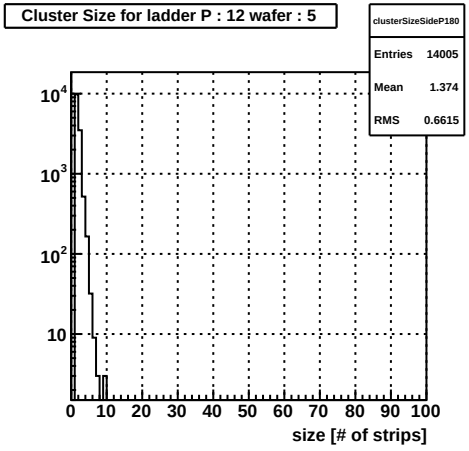

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 23620
Mean 1.286
RMS 0.611
size [# of strips]

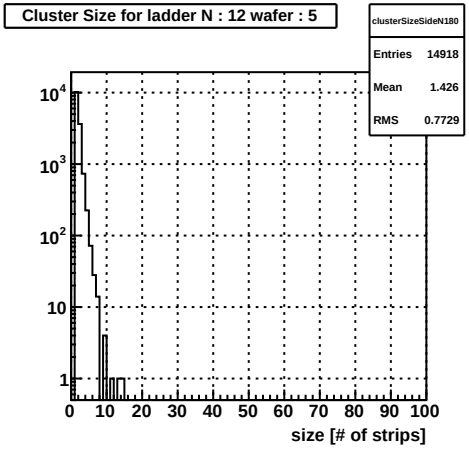

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 12082
Mean 1.495
RMS 0.7826
size [# of strips]

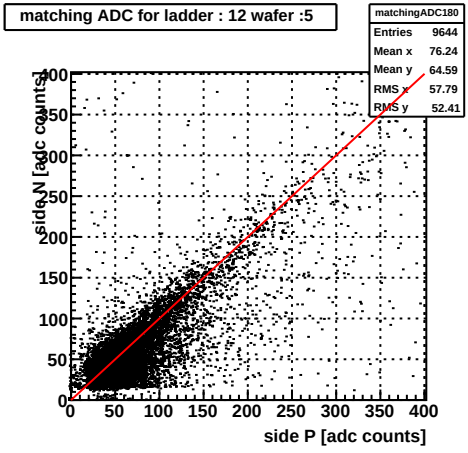

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 9755
Mean x 77.47
Mean y 62.25
RMS x 59.23
RMS y 51.25
side N [adc counts]
side P [adc counts]

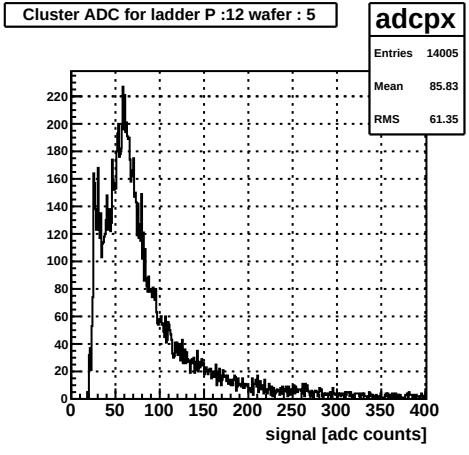

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 23620
Mean 60.79
RMS 58.8
signal [adc counts]

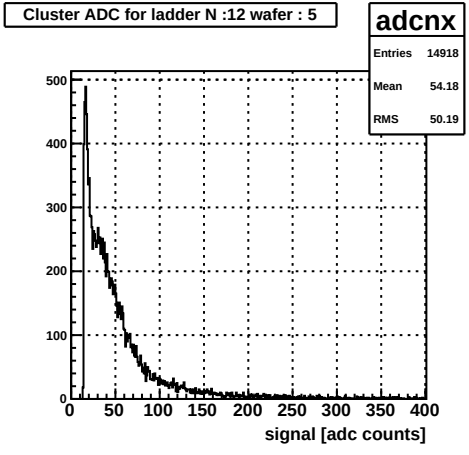

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 12082
Mean 59.47
RMS 51.79
signal [adc counts]

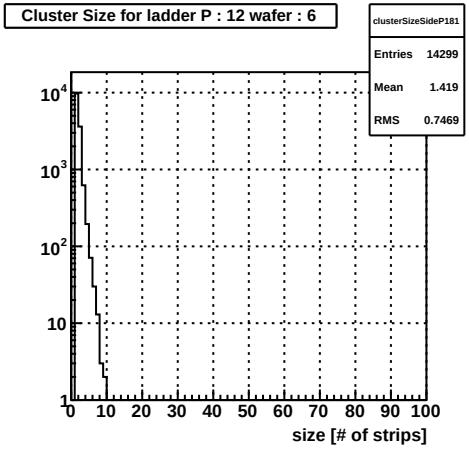

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 14005
Mean 1.374
RMS 0.6615
size [# of strips]

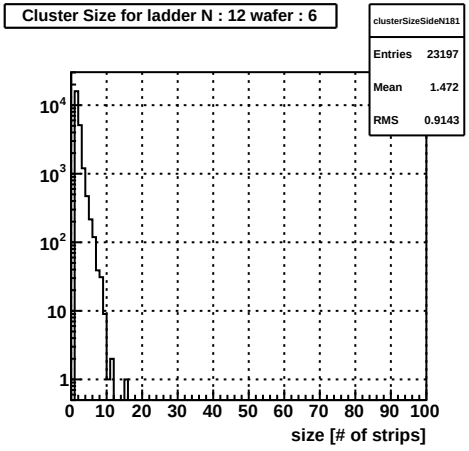

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 14918
Mean 1.426
RMS 0.7729
size [# of strips]

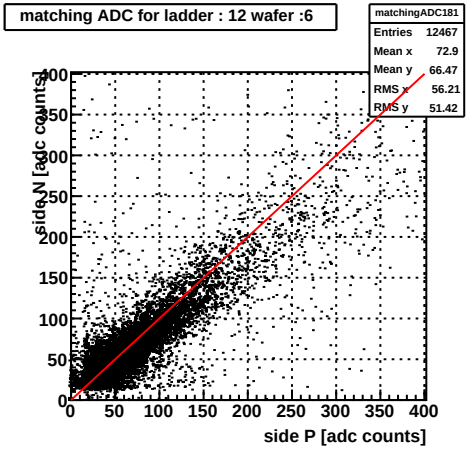

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 9644
Mean x 76.24
Mean y 64.59
RMS x 57.79
RMS y 52.41
side N [adc counts]
side P [adc counts]

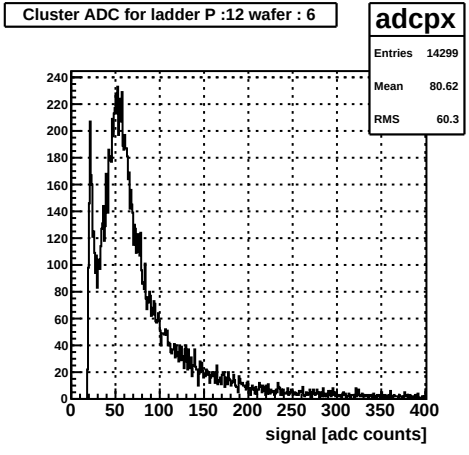

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 14005
Mean 85.83
RMS 61.35
signal [adc counts]

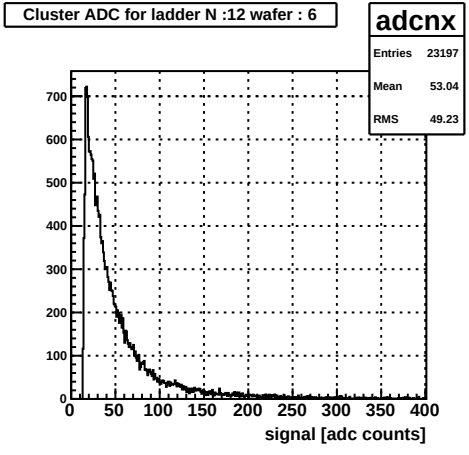

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 14918
Mean 54.18
RMS 50.19
signal [adc counts]

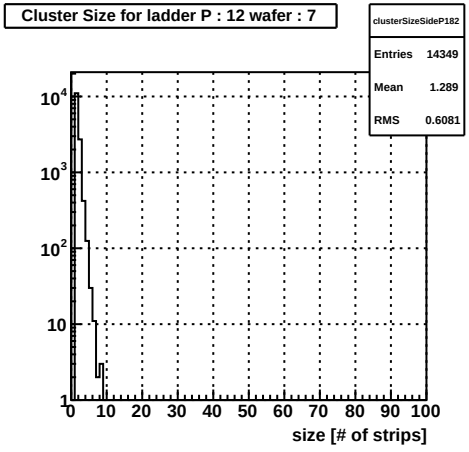

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 14299
Mean 1.419
RMS 0.7469
size [# of strips]

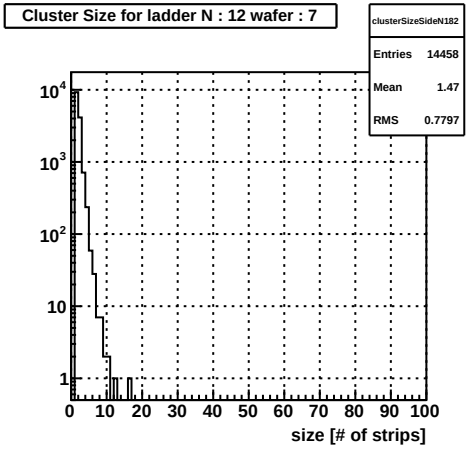

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 23197
Mean 1.472
RMS 0.9143
size [# of strips]

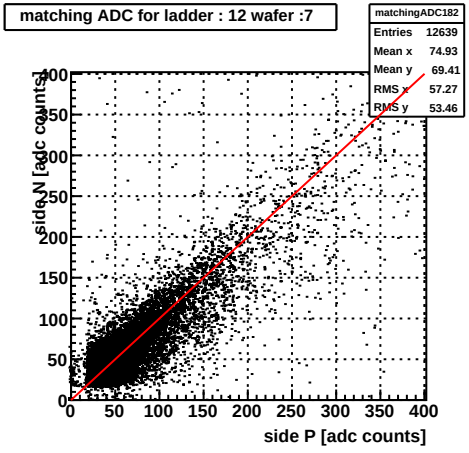

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 12467
Mean x 72.9
Mean y 66.47
RMS x 56.21
RMS y 51.42
side N [adc counts]
side P [adc counts]

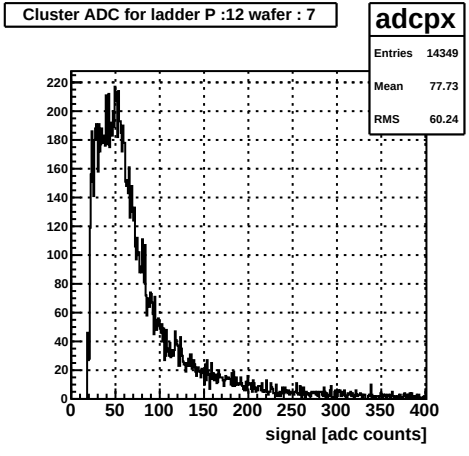

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 14299
Mean 80.62
RMS 60.3
signal [adc counts]

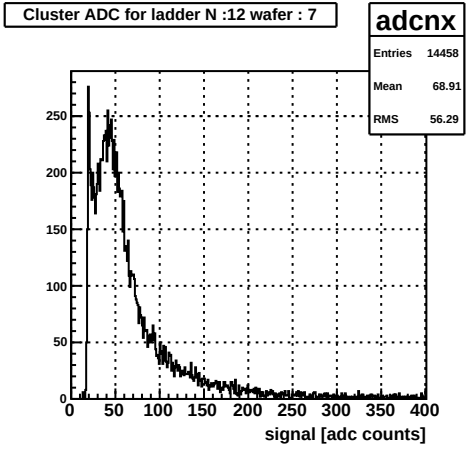

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 23197
Mean 53.04
RMS 49.23
signal [adc counts]

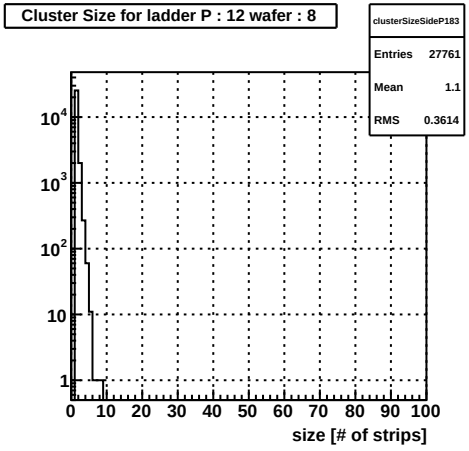

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 14349
Mean 1.289
RMS 0.6081
size [# of strips]

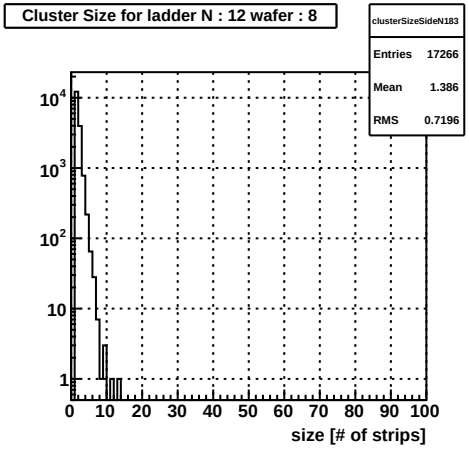

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 14458
Mean 1.47
RMS 0.7797
size [# of strips]

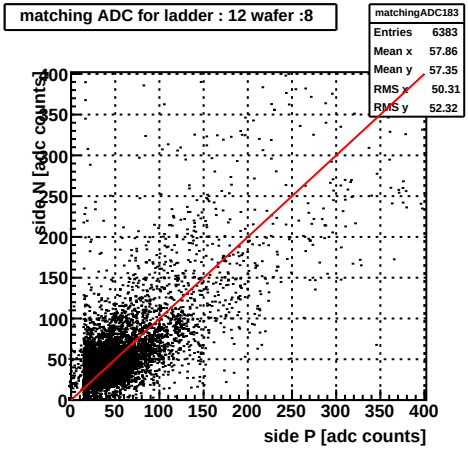

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 12639
Mean x 74.93
Mean y 69.41
RMS x 57.27
RMS y 53.46
side N [adc counts]
side P [adc counts]

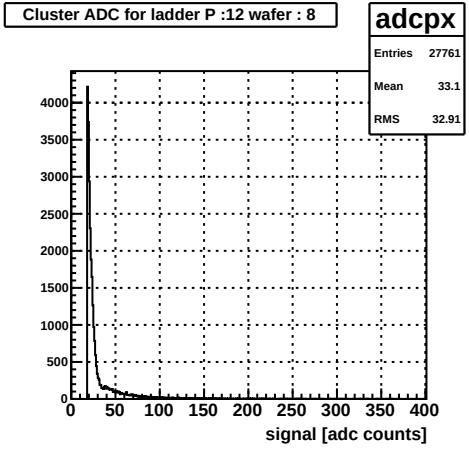

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 14349
Mean 77.73
RMS 60.24
signal [adc counts]

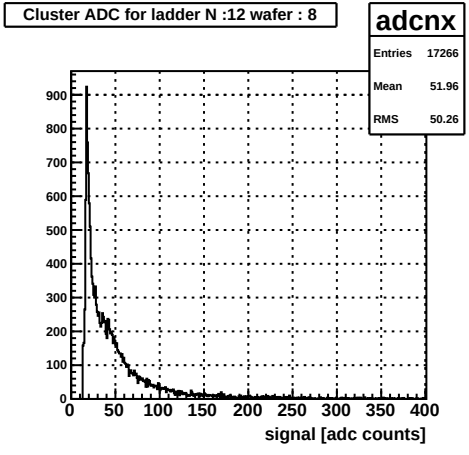

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 14458
Mean 68.91
RMS 56.29
signal [adc counts]

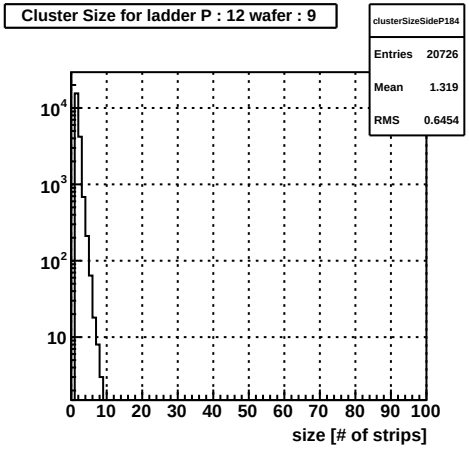

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 27761
Mean 1.1
RMS 0.3614
size [# of strips]

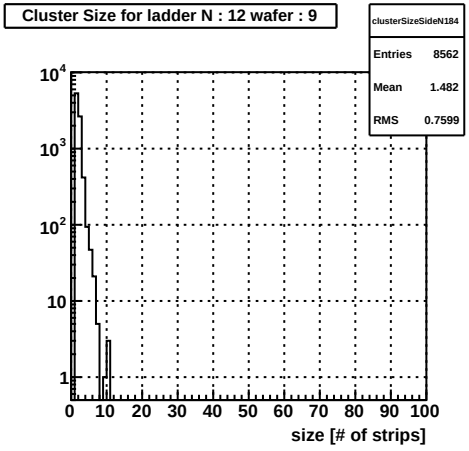

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 17266
Mean 1.386
RMS 0.7196
size [# of strips]

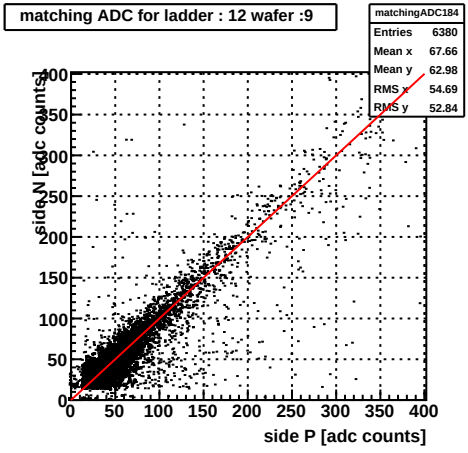

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 6383
Mean x 57.86
Mean y 57.35
RMS x 50.31
RMS y 52.32
side N [adc counts]
side P [adc counts]

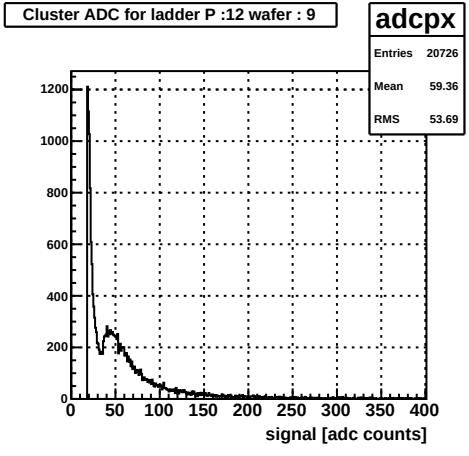

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 27761
Mean 33.1
RMS 32.91
signal [adc counts]

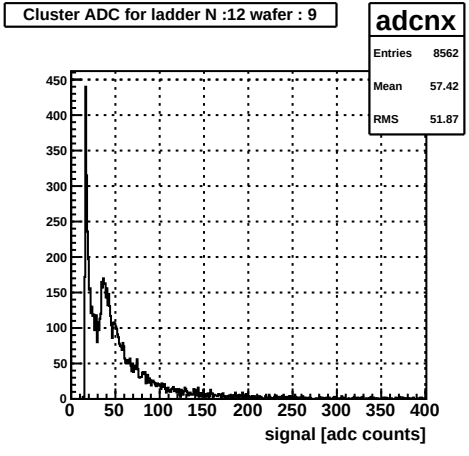

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 17266
Mean 51.96
RMS 50.26
signal [adc counts]

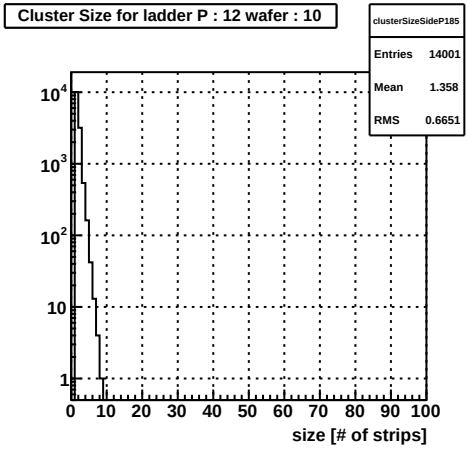

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 20726
Mean 1.319
RMS 0.6454
size [# of strips]

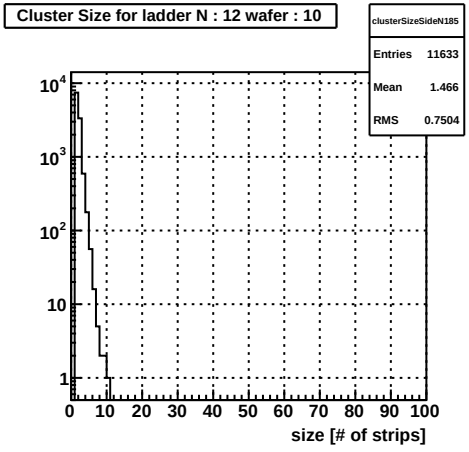

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8562
Mean 1.482
RMS 0.7599
size [# of strips]

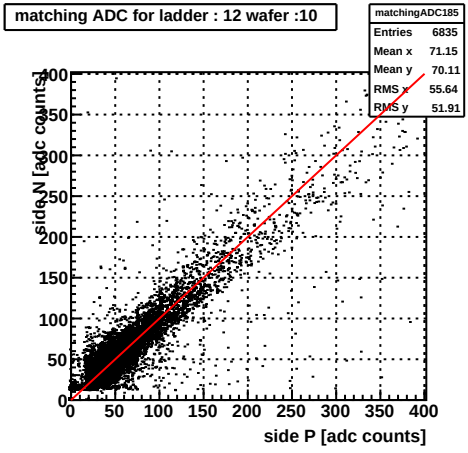

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6380
Mean x 67.66
Mean y 62.98
RMS x 54.69
RMS y 52.84
side N [adc counts]
side P [adc counts]

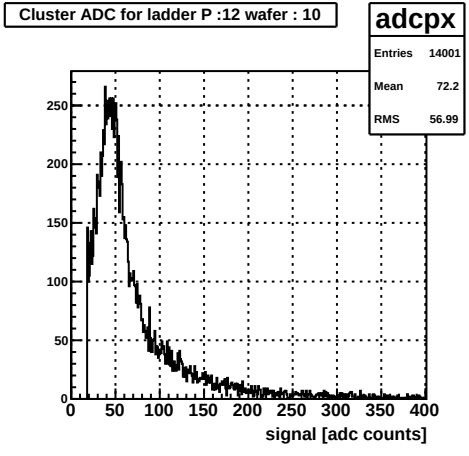

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 20726
Mean 59.36
RMS 53.69
signal [adc counts]

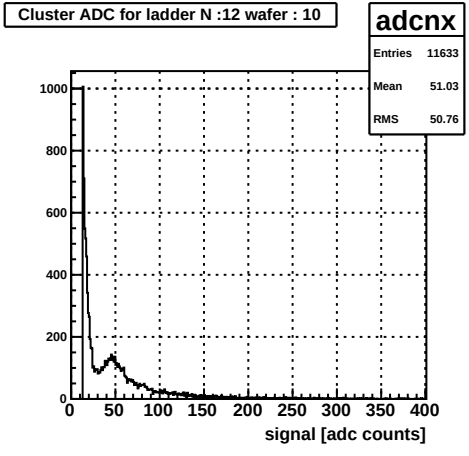

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8562
Mean 57.42
RMS 51.87
signal [adc counts]

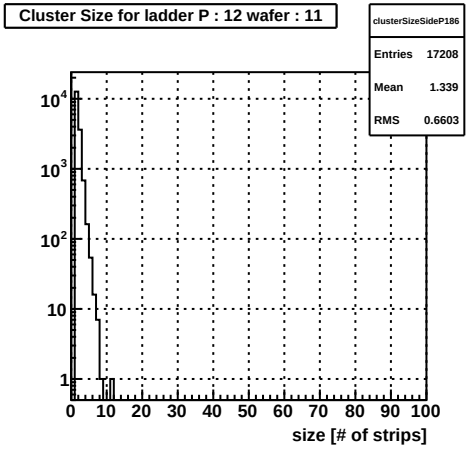

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 14001
Mean 1.358
RMS 0.6651
size [# of strips]

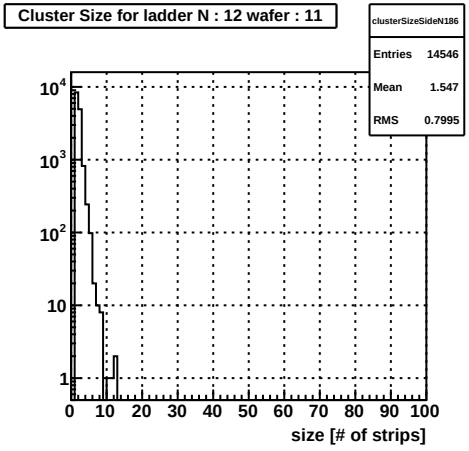

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 11633
Mean 1.466
RMS 0.7504
size [# of strips]

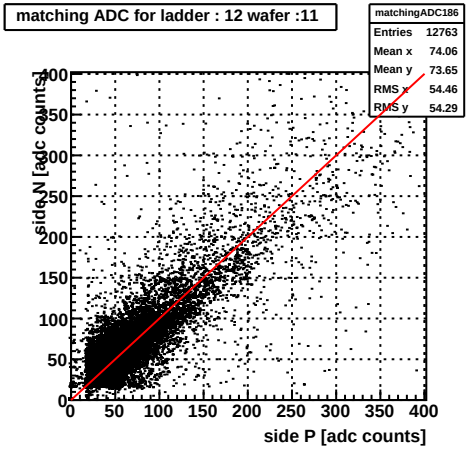

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 6835
Mean x 71.15
Mean y 70.11
RMS x 55.64
RMS y 51.91
side N [adc counts]
side P [adc counts]

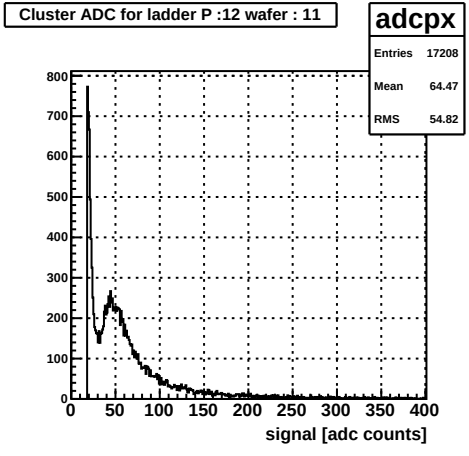

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 14001
Mean 72.2
RMS 56.99
signal [adc counts]

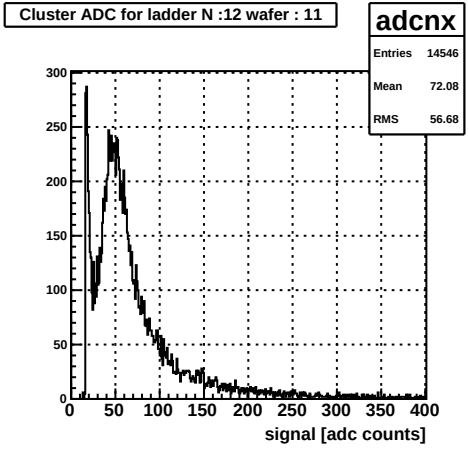

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 11633
Mean 51.03
RMS 50.76
signal [adc counts]

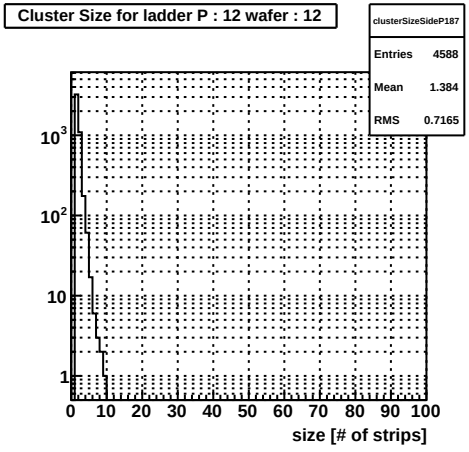

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 17208
Mean 1.339
RMS 0.6603
size [# of strips]

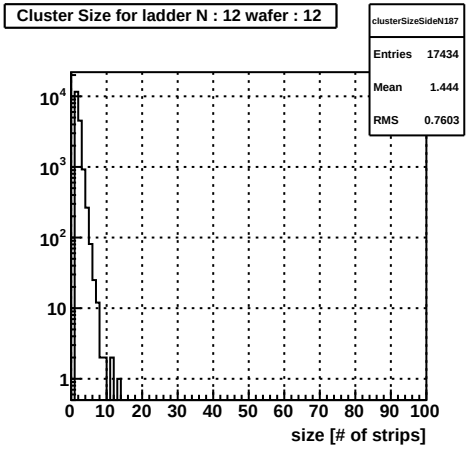

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 14546
Mean 1.547
RMS 0.7995
size [# of strips]

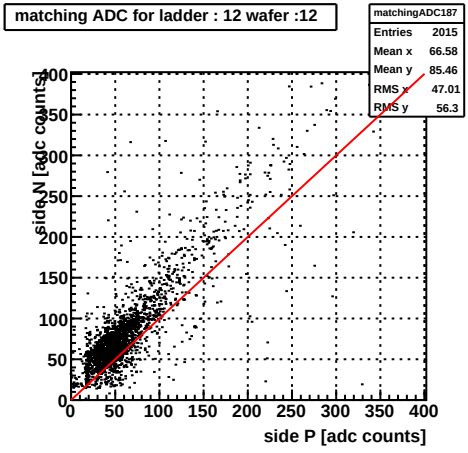

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 12763
Mean x 74.06
Mean y 73.65
RMS x 54.46
RMS y 54.29
side N [adc counts]
side P [adc counts]

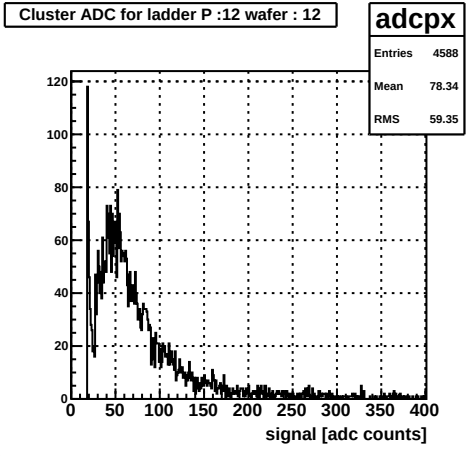

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 17208
Mean 64.47
RMS 54.82
signal [adc counts]

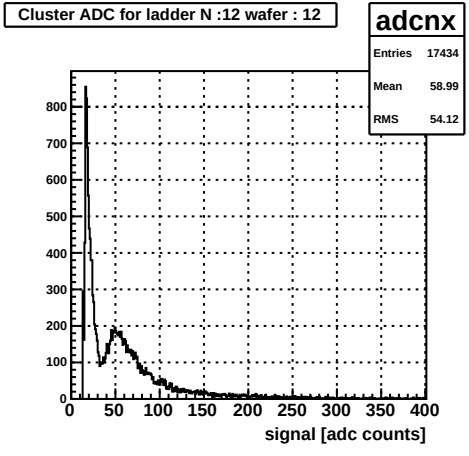

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 14546
Mean 72.08
RMS 56.68
signal [adc counts]

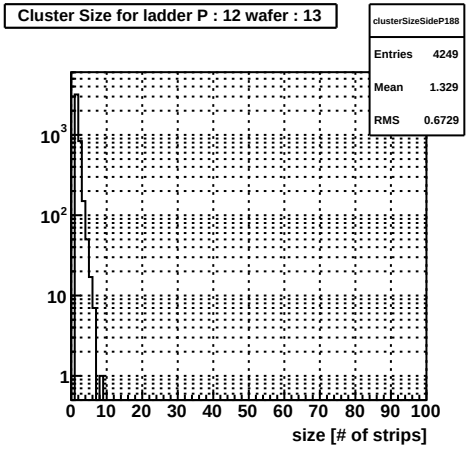

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4588
Mean 1.384
RMS 0.7165
size [# of strips]

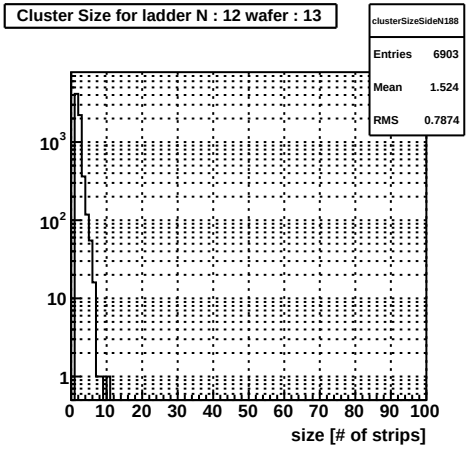

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 17434
Mean 1.444
RMS 0.7603
size [# of strips]

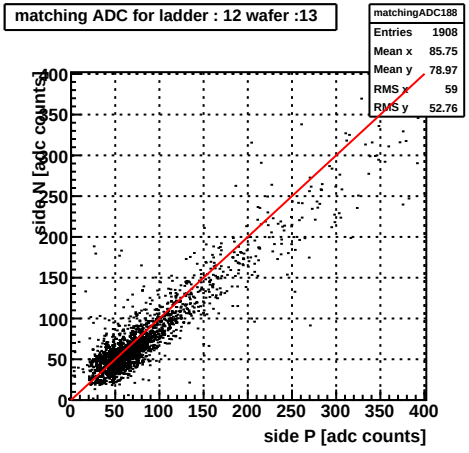

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2015
Mean x 66.58
Mean y 85.46
RMS x 47.01
RMS y 56.3
side N [adc counts]
side P [adc counts]

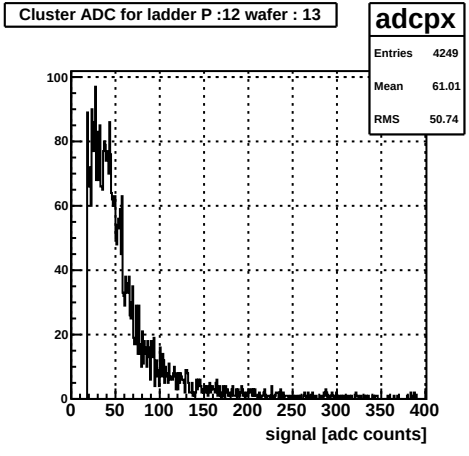

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4588
Mean 78.34
RMS 59.35
signal [adc counts]

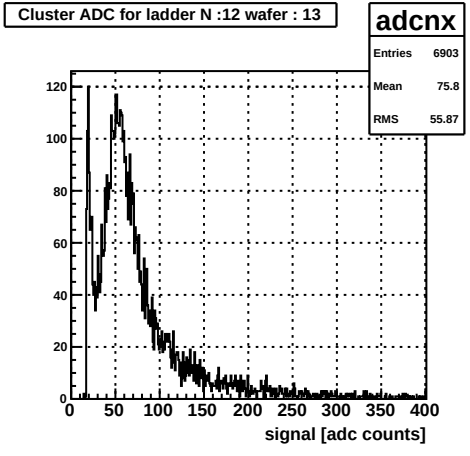

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 17434
Mean 58.99
RMS 54.12
signal [adc counts]

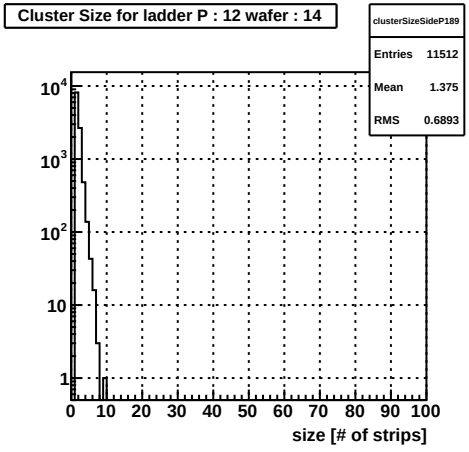

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4249
Mean 1.329
RMS 0.6729
size [# of strips]

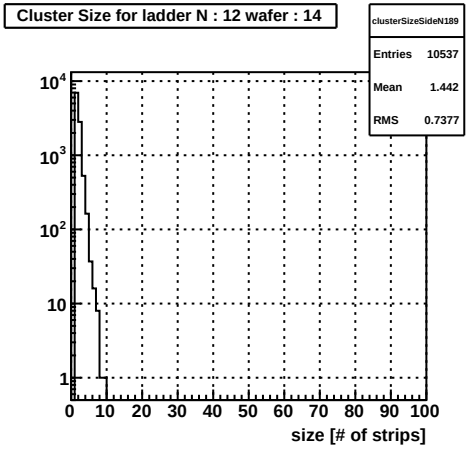

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 6903
Mean 1.524
RMS 0.7874
size [# of strips]

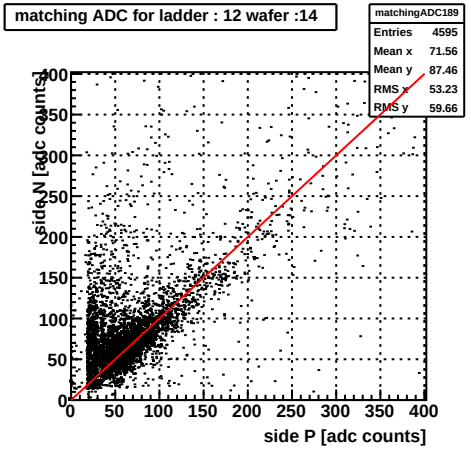

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1908
Mean x 85.75
Mean y 78.97
RMS x 59
RMS y 52.76
side N [adc counts]
side P [adc counts]

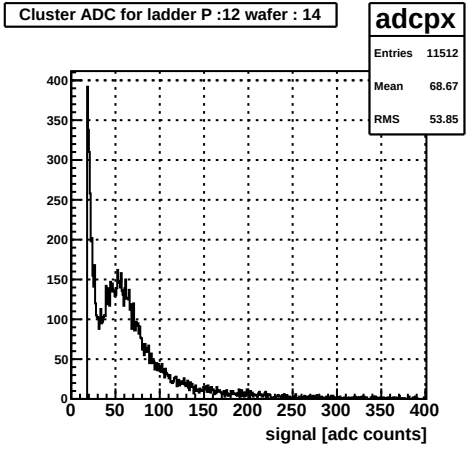

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4249
Mean 61.01
RMS 50.74
signal [adc counts]

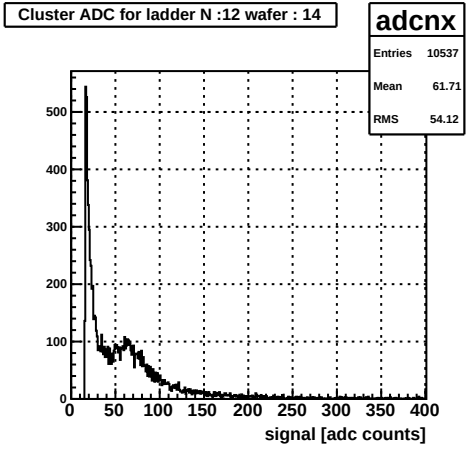

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 6903
Mean 75.8
RMS 55.87
signal [adc counts]

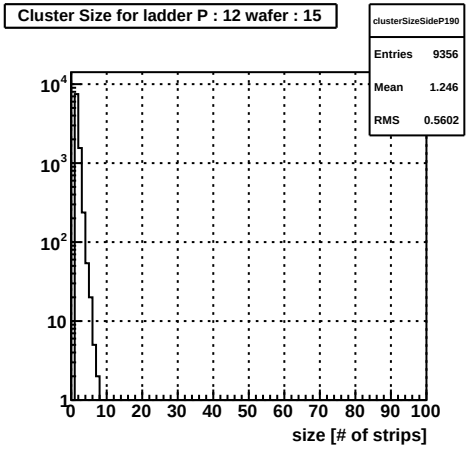

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 11512
Mean 1.375
RMS 0.6893
size [# of strips]

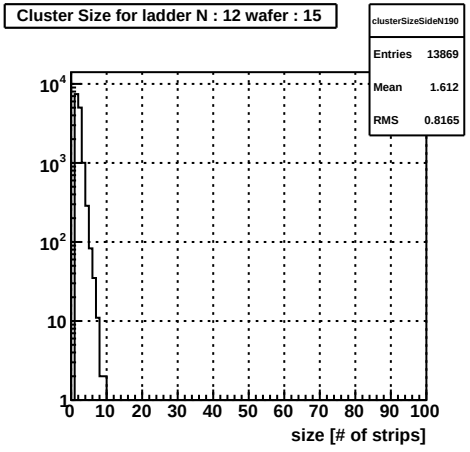

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 10537
Mean 1.442
RMS 0.7377
size [# of strips]

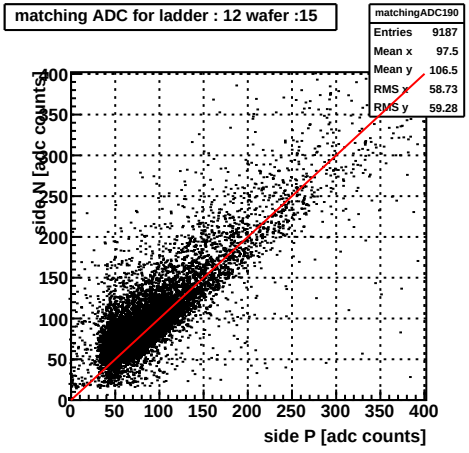

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4595
Mean x 71.56
Mean y 87.46
RMS x 53.23
RMS y 59.66
side N [adc counts]
side P [adc counts]

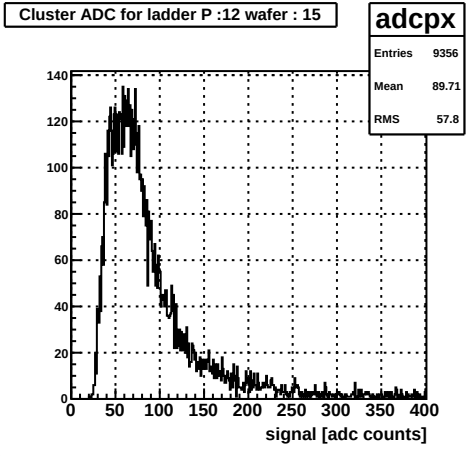

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 11512
Mean 68.67
RMS 53.85
signal [adc counts]

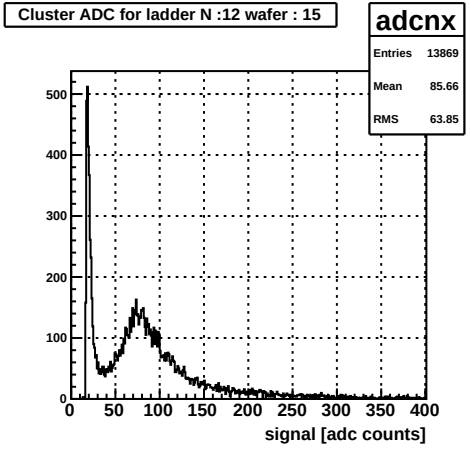

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 10537
Mean 61.71
RMS 54.12
signal [adc counts]

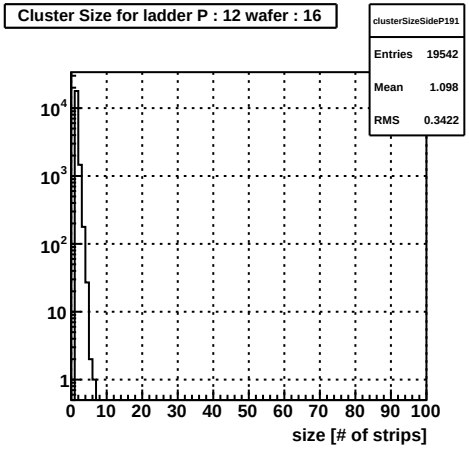

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 9356
Mean 1.246
RMS 0.5602
size [# of strips]

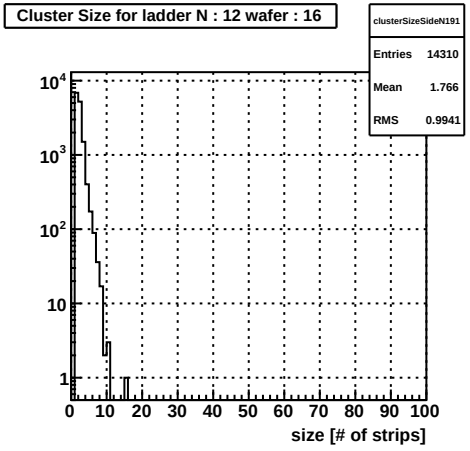

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 13869
Mean 1.612
RMS 0.8165
size [# of strips]

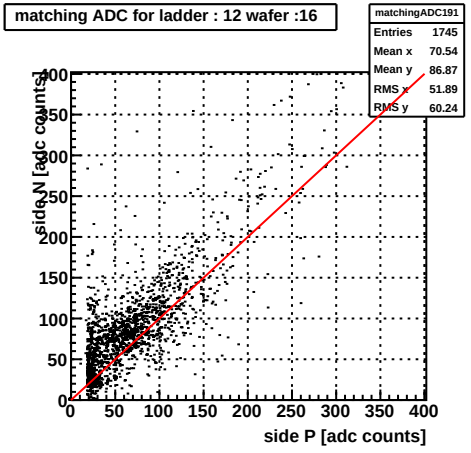

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 9187
Mean x 97.5
Mean y 106.5
RMS x 58.73
RMS y 59.28
side N [adc counts]
side P [adc counts]

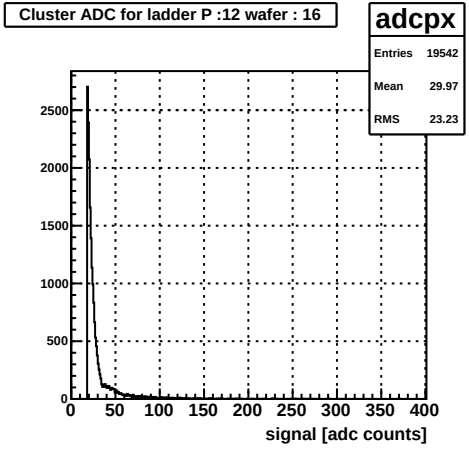

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 9356
Mean 89.71
RMS 57.8
signal [adc counts]

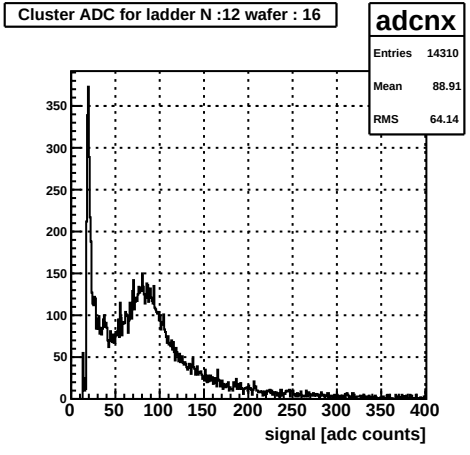

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 13869
Mean 85.66
RMS 63.85
signal [adc counts]

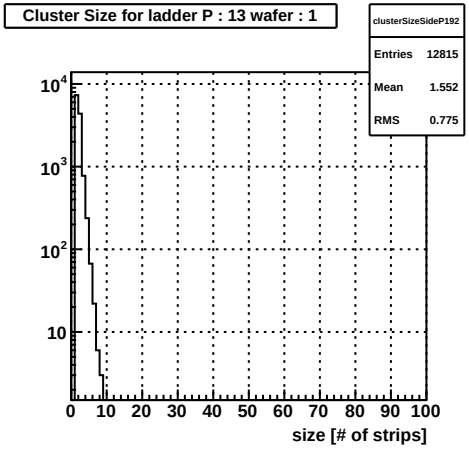

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 19542
Mean 1.098
RMS 0.3422
size [# of strips]

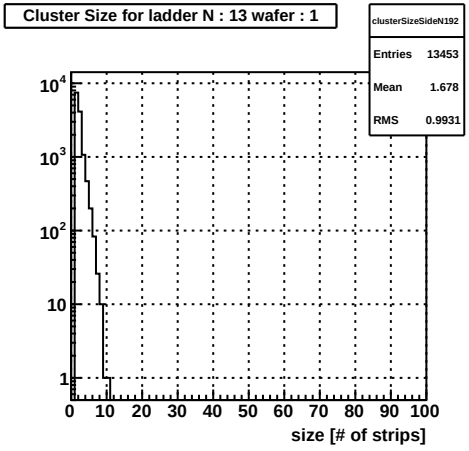

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 14310
Mean 1.766
RMS 0.9941
size [# of strips]

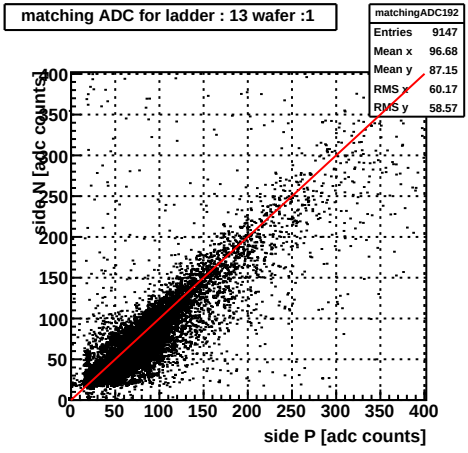

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1745
Mean x 70.54
Mean y 86.87
RMS x 51.89
RMS y 60.24
side N [adc counts]
side P [adc counts]

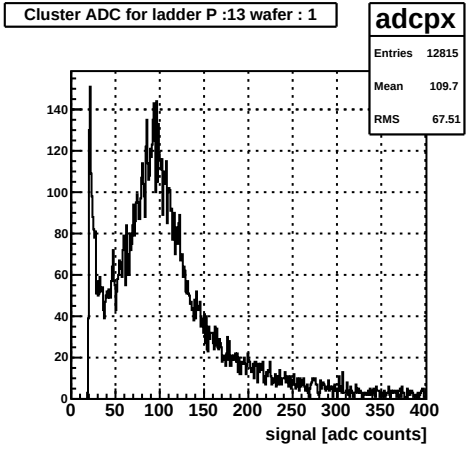

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 19542
Mean 29.97
RMS 23.23
signal [adc counts]

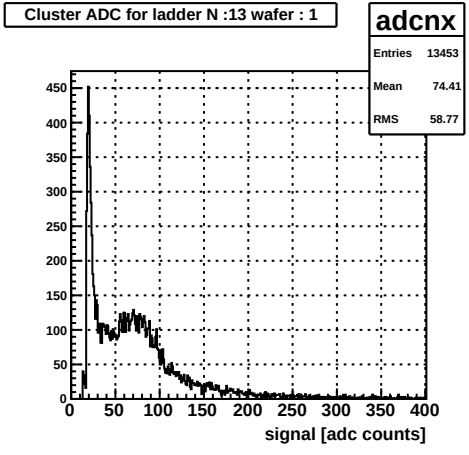

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 14310
Mean 88.91
RMS 64.14
signal [adc counts]

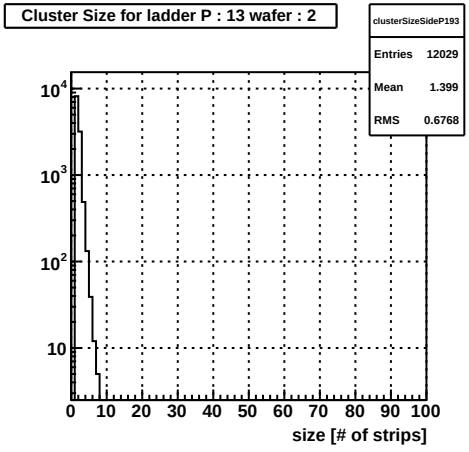

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 12815
Mean 1.552
RMS 0.775
size [# of strips]

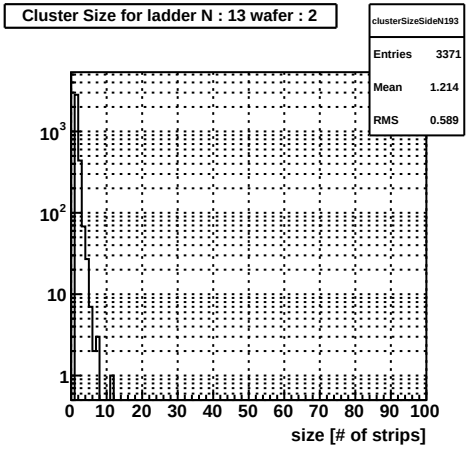

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 13453
Mean 1.678
RMS 0.9931
size [# of strips]

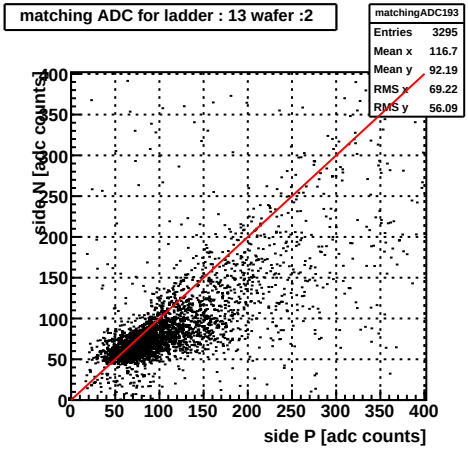

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 9147
Mean x 96.68
Mean y 87.15
RMS x 60.17
RMS y 58.57
side N [adc counts]
side P [adc counts]

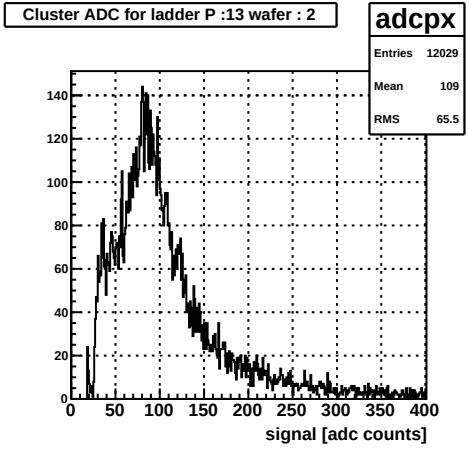

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 12815
Mean 109.7
RMS 67.51
signal [adc counts]

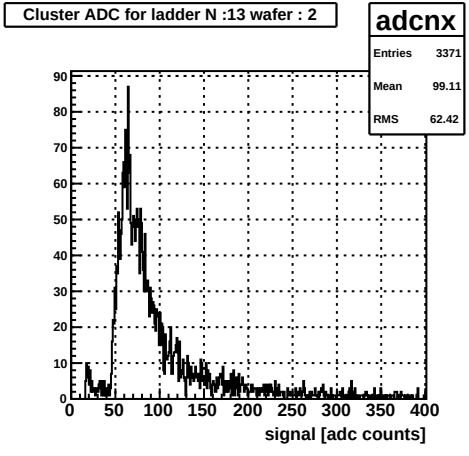

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 13453
Mean 74.41
RMS 58.77
signal [adc counts]

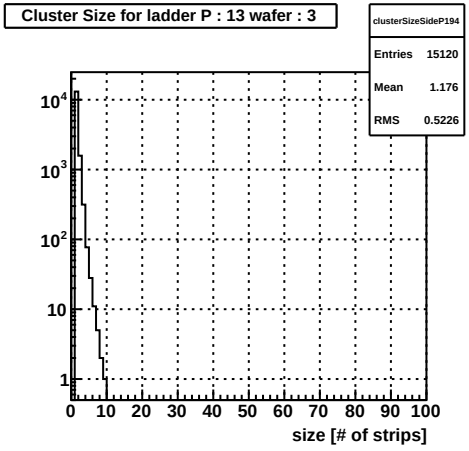

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 12029
Mean 1.399
RMS 0.6768
size [# of strips]

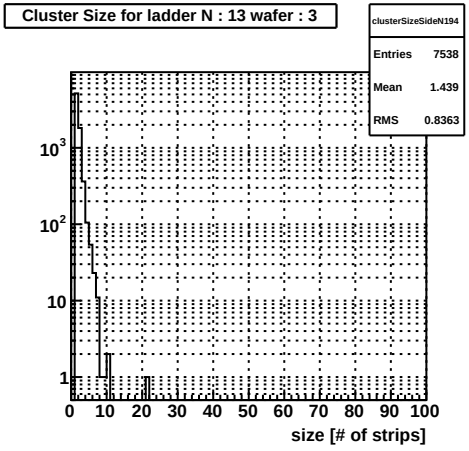

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3371
Mean 1.214
RMS 0.589
size [# of strips]

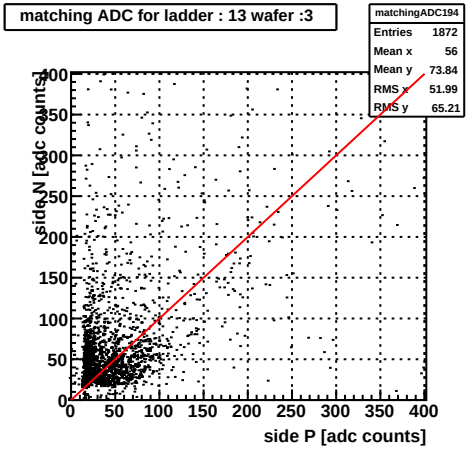

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 3295
Mean x 116.7
Mean y 92.19
RMS x 69.22
RMS y 56.09
side N [adc counts]
side P [adc counts]

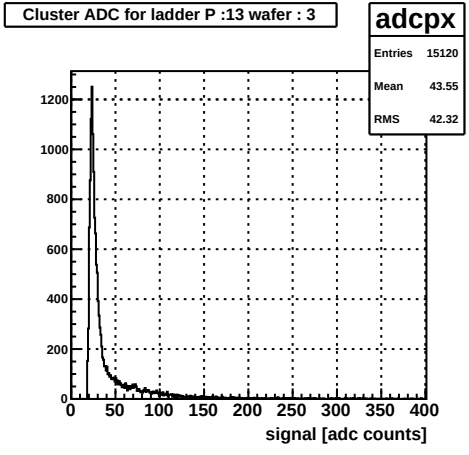

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 12029
Mean 109
RMS 65.5
signal [adc counts]

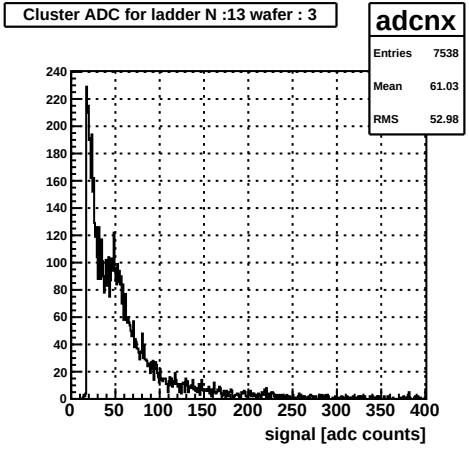

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3371
Mean 99.11
RMS 62.42
signal [adc counts]

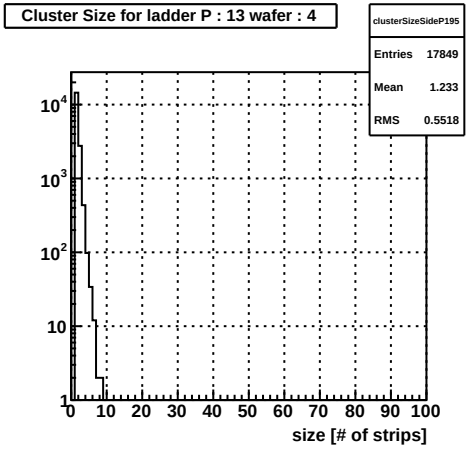

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 15120
Mean 1.176
RMS 0.5226
size [# of strips]

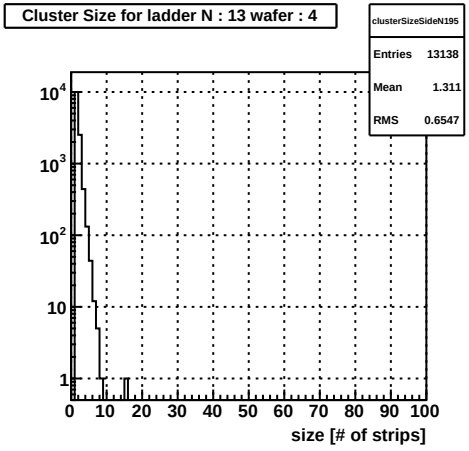

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 7538
Mean 1.439
RMS 0.8363
size [# of strips]

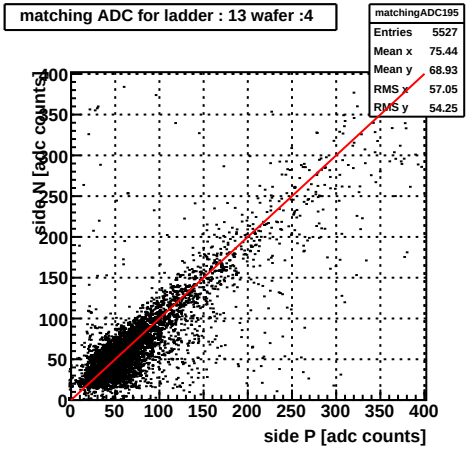

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 1872
Mean x 56
Mean y 73.84
RMS x 51.99
RMS y 65.21
side N [adc counts]
side P [adc counts]

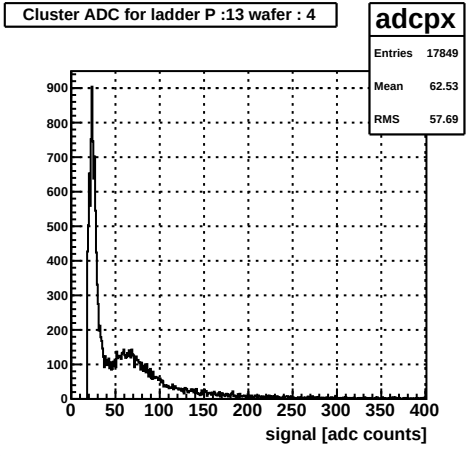

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 15120
Mean 43.55
RMS 42.32
signal [adc counts]

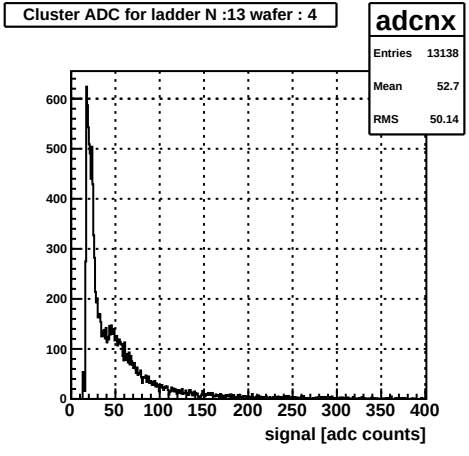

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 7538
Mean 61.03
RMS 52.98
signal [adc counts]

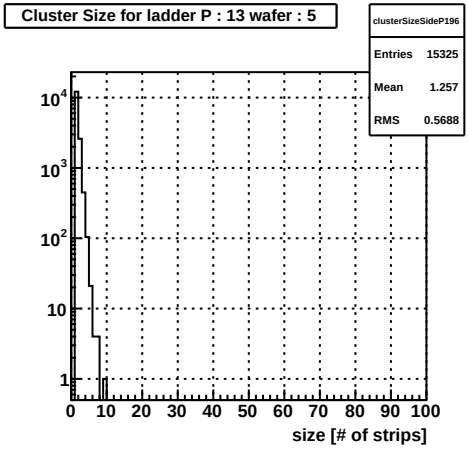

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 17849
Mean 1.233
RMS 0.5518
size [# of strips]

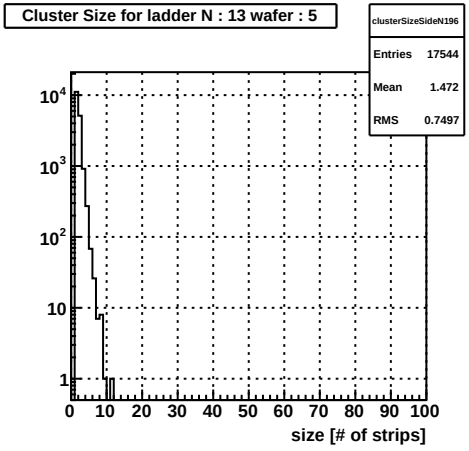

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 13138
Mean 1.311
RMS 0.6547
size [# of strips]

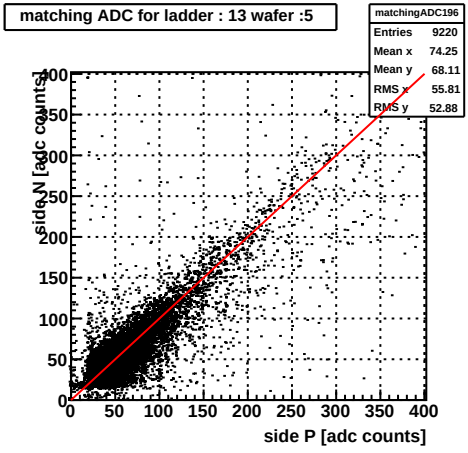

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 5527
Mean x 75.44
Mean y 68.93
RMS x 57.05
RMS y 54.25
side N [adc counts]
side P [adc counts]

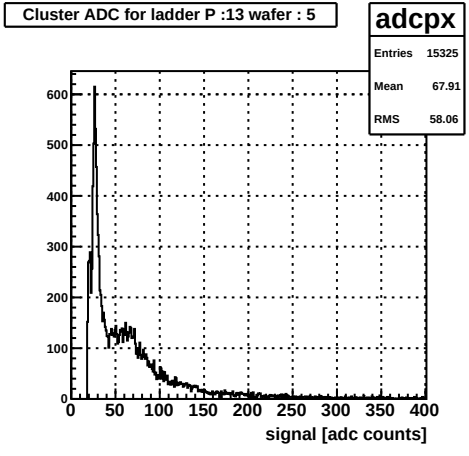

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 17849
Mean 62.53
RMS 57.69
signal [adc counts]

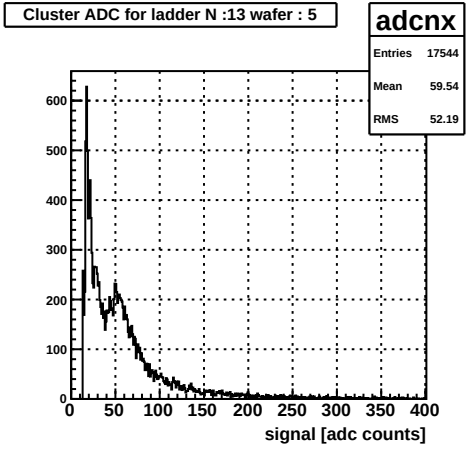

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 13138
Mean 52.7
RMS 50.14
signal [adc counts]

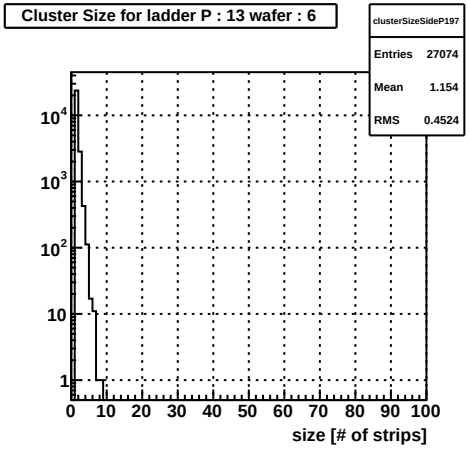

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 15325
Mean 1.257
RMS 0.5688
size [# of strips]

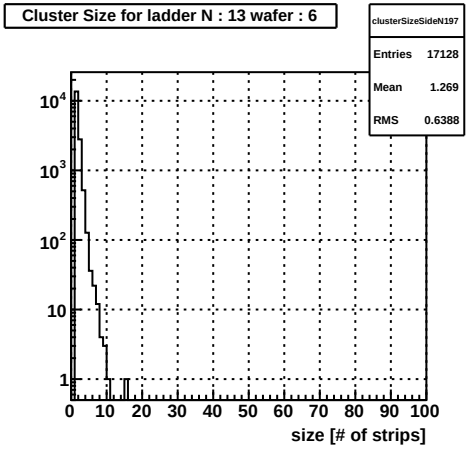

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 17544
Mean 1.472
RMS 0.7497
size [# of strips]

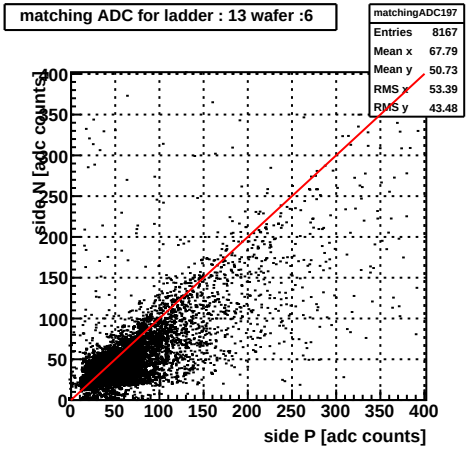

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 9220
Mean x 74.25
Mean y 68.11
RMS x 55.81
RMS y 52.88
side N [adc counts]
side P [adc counts]

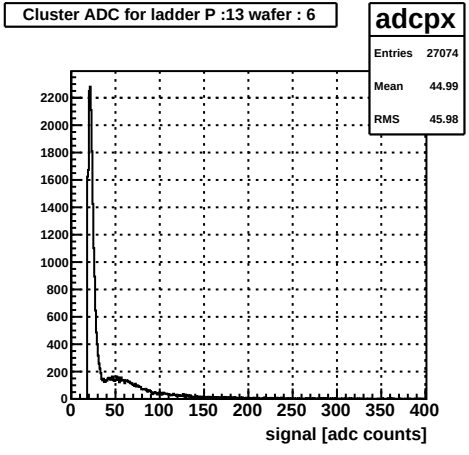

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 15325
Mean 67.91
RMS 58.06
signal [adc counts]

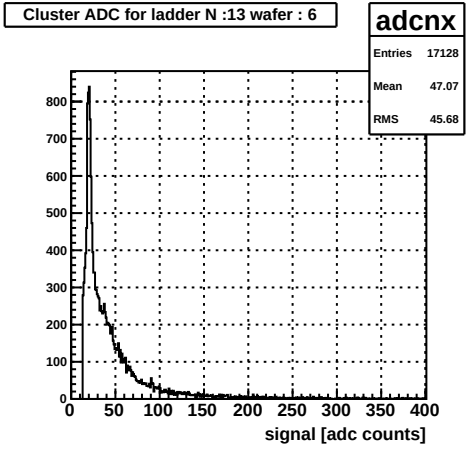

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 17544
Mean 59.54
RMS 52.19
signal [adc counts]

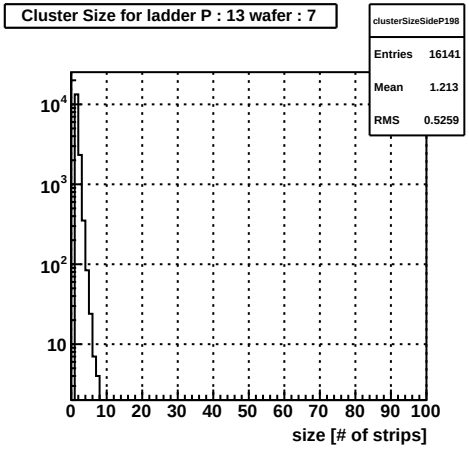

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 27074
Mean 1.154
RMS 0.4524
size [# of strips]

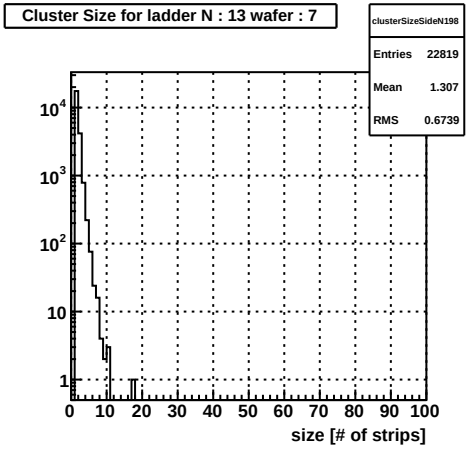

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 17128
Mean 1.269
RMS 0.6388
size [# of strips]

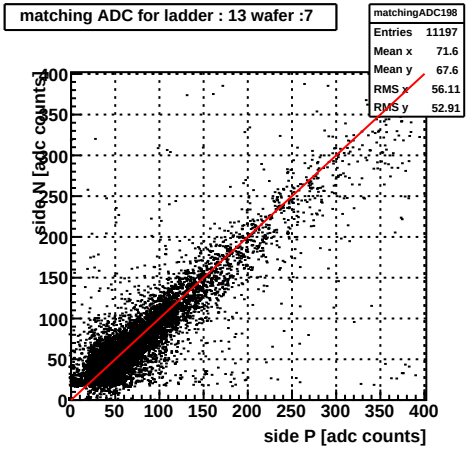

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 8167
Mean x 67.79
Mean y 50.73
RMS x 53.39
RMS y 43.48
side N [adc counts]
side P [adc counts]

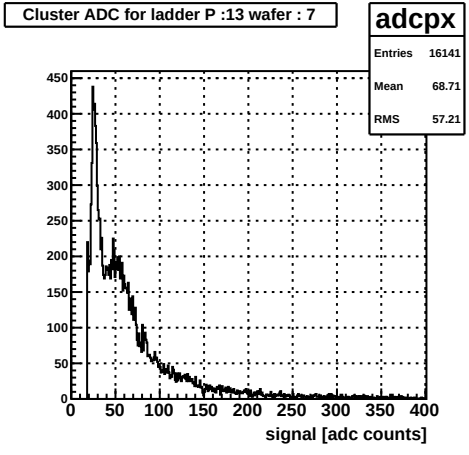

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 27074
Mean 44.99
RMS 45.98
signal [adc counts]

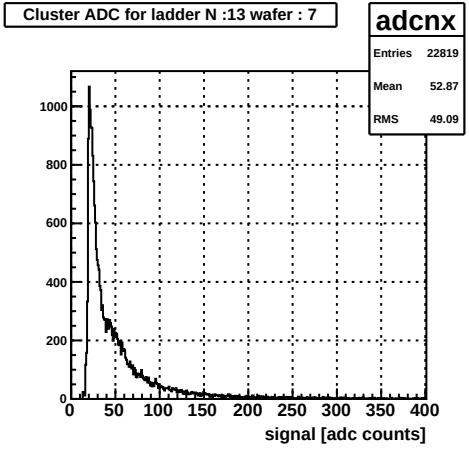

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 17128
Mean 47.07
RMS 45.68
signal [adc counts]

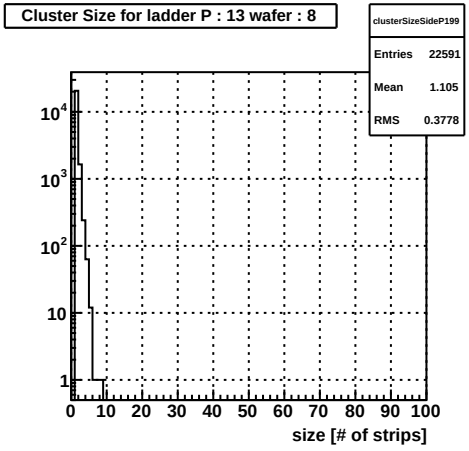

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 16141
Mean 1.213
RMS 0.5259
size [# of strips]

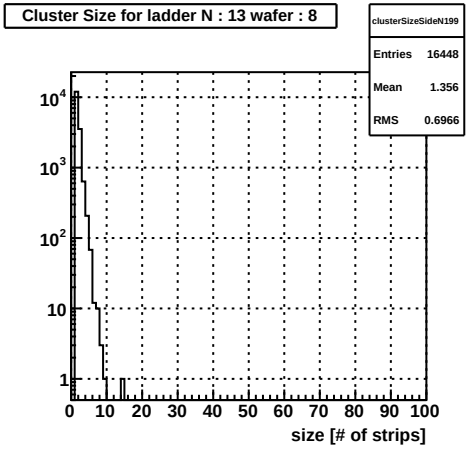

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 22819
Mean 1.307
RMS 0.6739
size [# of strips]

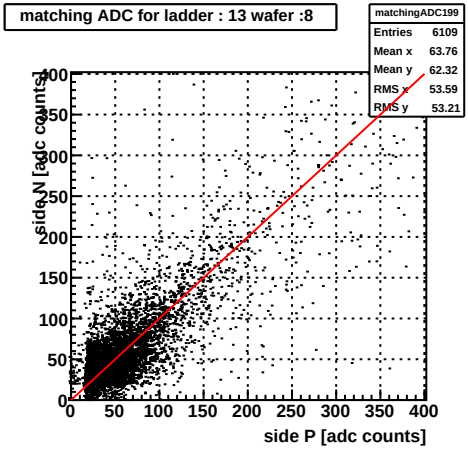

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 11197
Mean x 71.6
Mean y 67.6
RMS x 56.11
RMS y 52.91
side N [adc counts]
side P [adc counts]

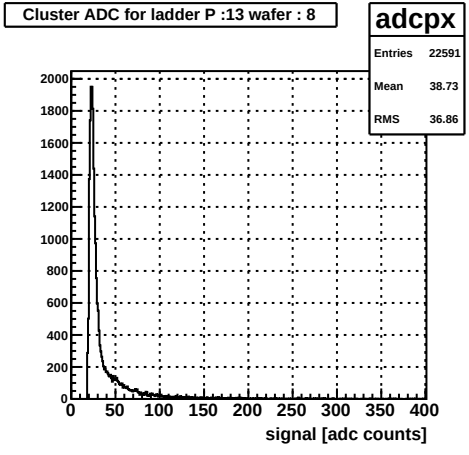

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 16141
Mean 68.71
RMS 57.21
signal [adc counts]

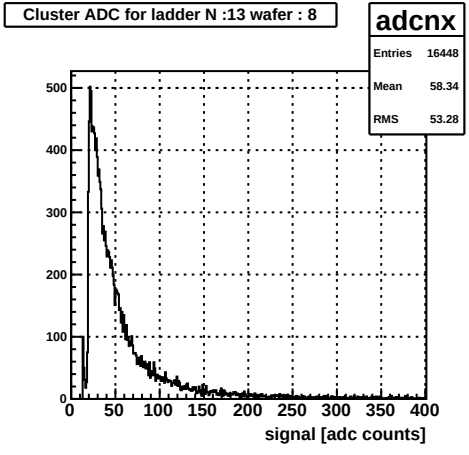

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 22819
Mean 52.87
RMS 49.09
signal [adc counts]

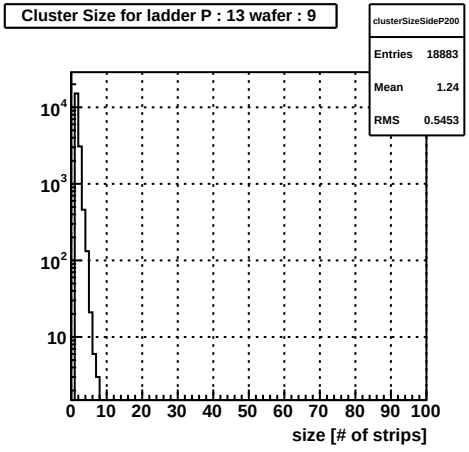

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 22591
Mean 1.105
RMS 0.3778
size [# of strips]

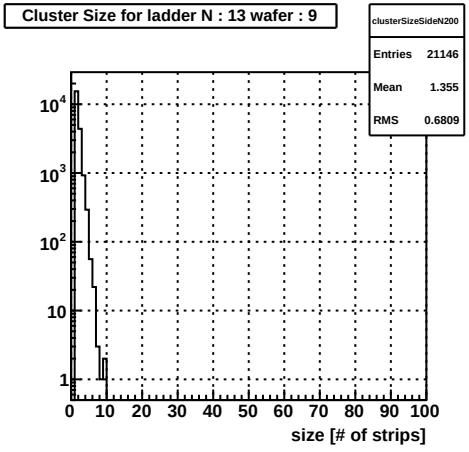

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 16448
Mean 1.356
RMS 0.6966
size [# of strips]

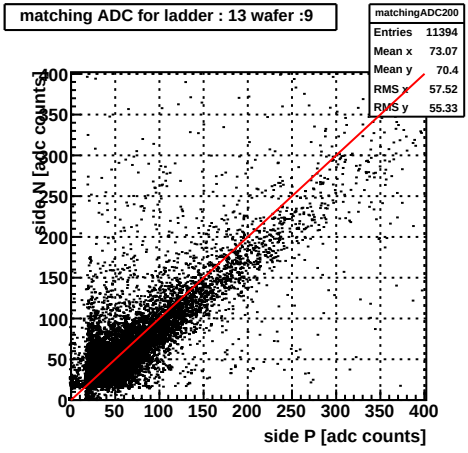

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 6109
Mean x 63.76
Mean y 62.32
RMS x 53.59
RMS y 53.21
side N [adc counts]
side P [adc counts]

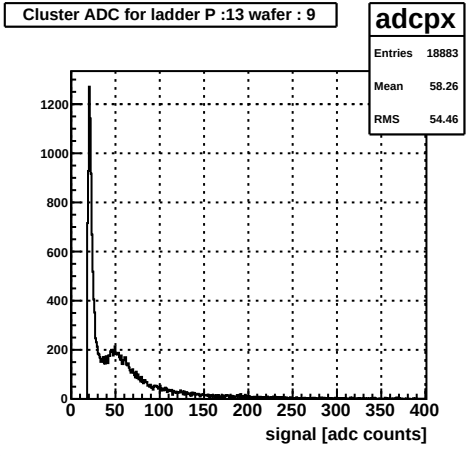

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 22591
Mean 38.73
RMS 36.86
signal [adc counts]

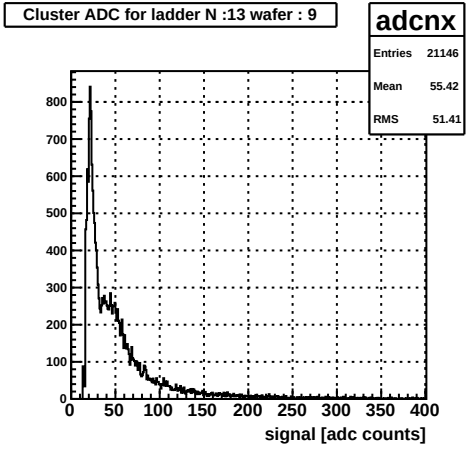

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 16448
Mean 58.34
RMS 53.28
signal [adc counts]

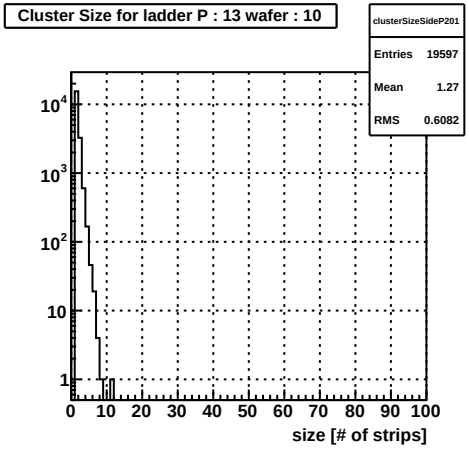

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 18883
Mean 1.24
RMS 0.5453
size [# of strips]

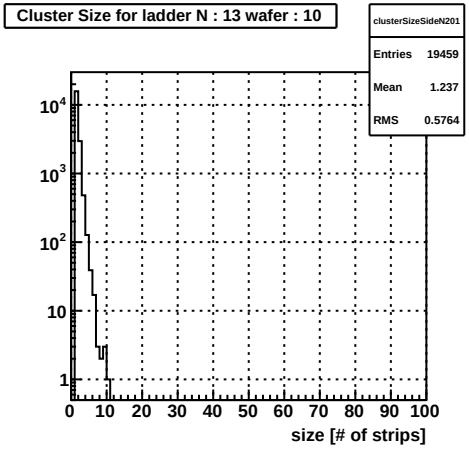

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 21146
Mean 1.355
RMS 0.6809
size [# of strips]

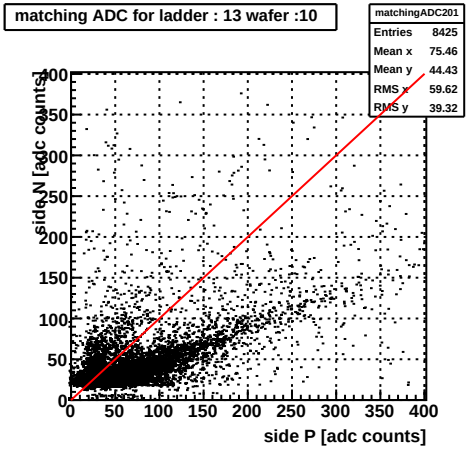

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 11394
Mean x 73.07
Mean y 70.4
RMS x 57.52
RMS y 55.33
side N [adc counts]
side P [adc counts]

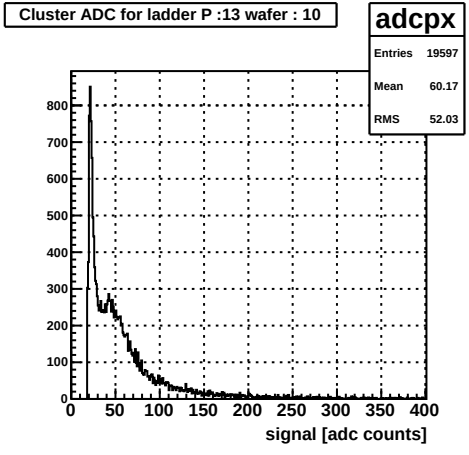

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 18883
Mean 58.26
RMS 54.46
signal [adc counts]

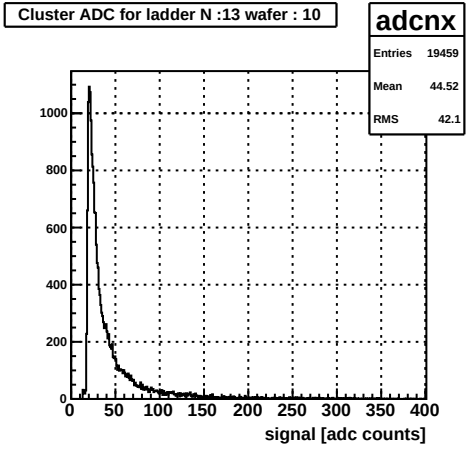

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 21146
Mean 55.42
RMS 51.41
signal [adc counts]

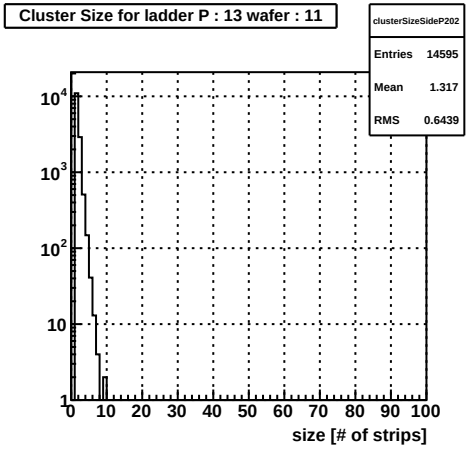

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 19597
Mean 1.27
RMS 0.6082
size [# of strips]

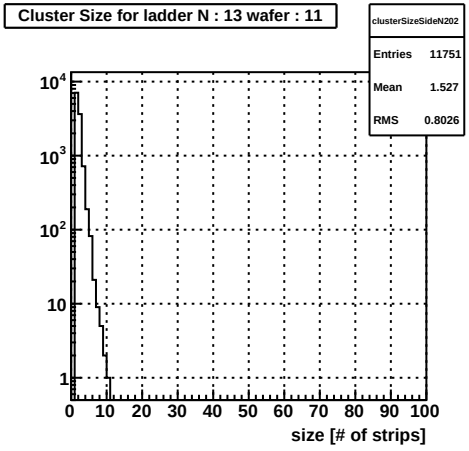

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 19459
Mean 1.237
RMS 0.5764
size [# of strips]

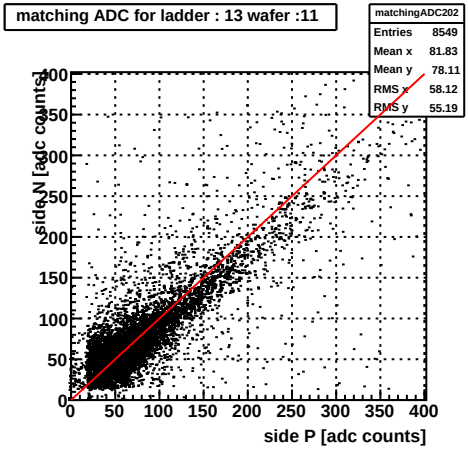

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 8425
Mean x 75.46
Mean y 44.43
RMS x 59.62
RMS y 39.32
side N [adc counts]
side P [adc counts]

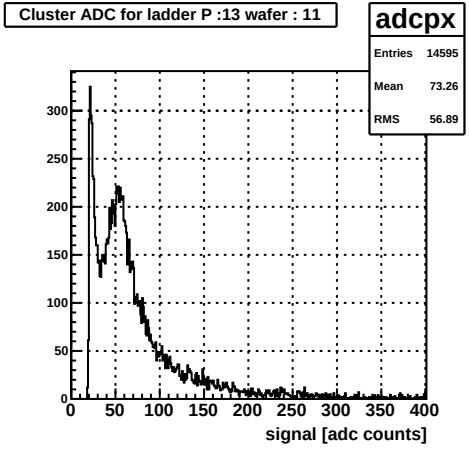

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 19597
Mean 60.17
RMS 52.03
signal [adc counts]

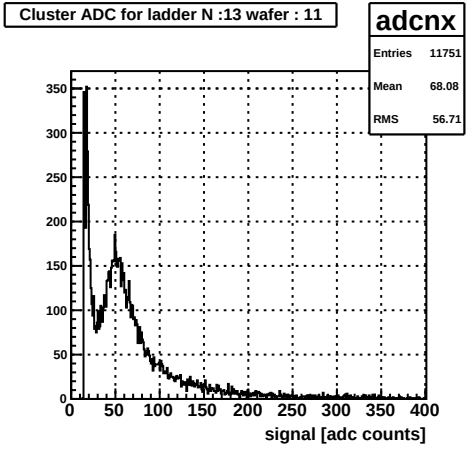

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 19459
Mean 44.52
RMS 42.1
signal [adc counts]

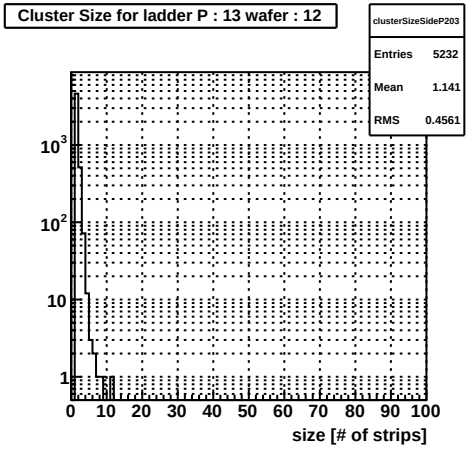

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 14595
Mean 1.317
RMS 0.6439
size [# of strips]

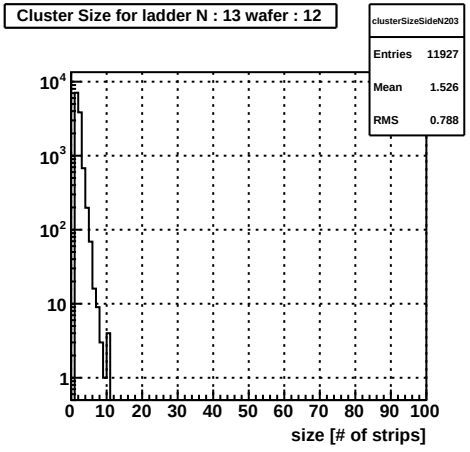

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 11751
Mean 1.527
RMS 0.8026
size [# of strips]

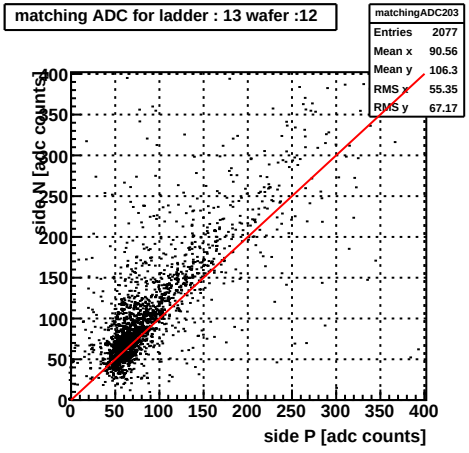

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 8549
Mean x 81.83
Mean y 78.11
RMS x 58.12
RMS y 55.19
side N [adc counts]
side P [adc counts]

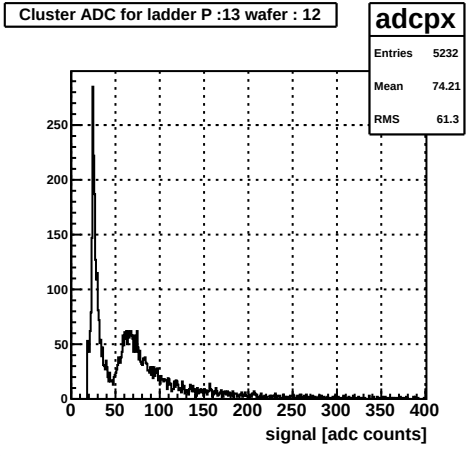

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 14595
Mean 73.26
RMS 56.89
signal [adc counts]

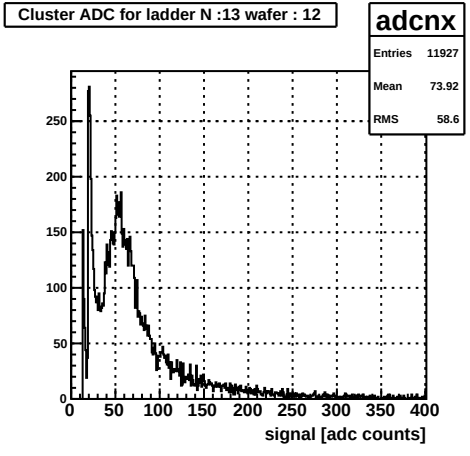

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 11751
Mean 68.08
RMS 56.71
signal [adc counts]

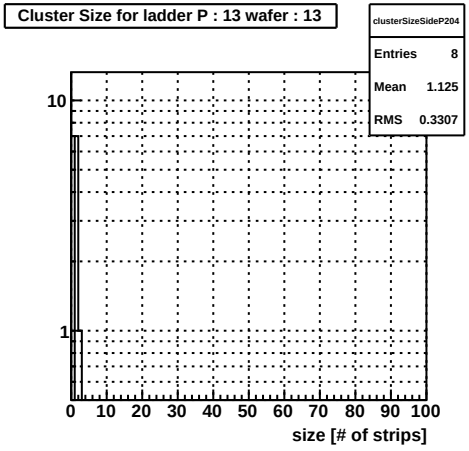

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 5232
Mean 1.141
RMS 0.4561
size [# of strips]

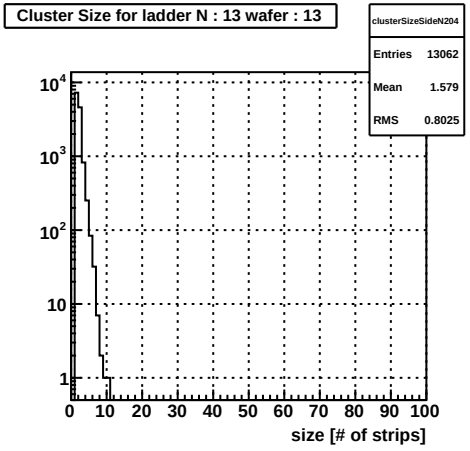

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 11927
Mean 1.526
RMS 0.788
size [# of strips]

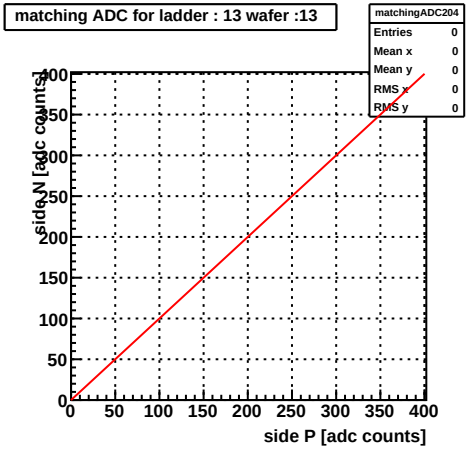

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 2077
Mean x 90.56
Mean y 106.3
RMS x 55.35
RMS y 67.17
side N [adc counts]
side P [adc counts]

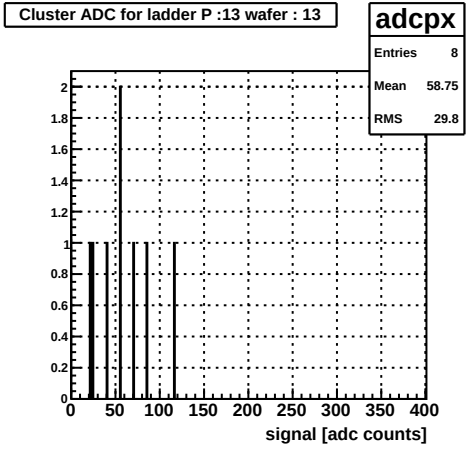

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 5232
Mean 74.21
RMS 61.3
signal [adc counts]

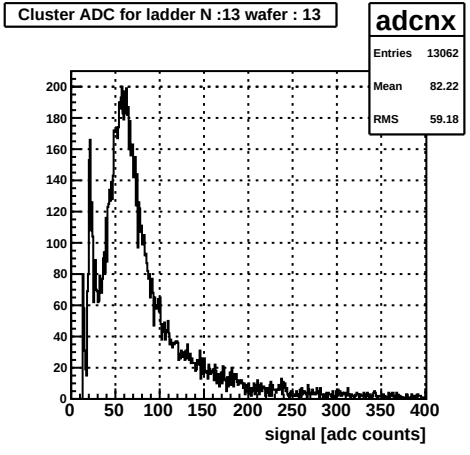

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 11927
Mean 73.92
RMS 58.6
signal [adc counts]

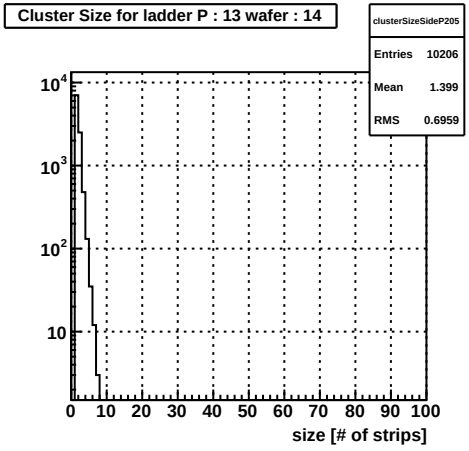

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

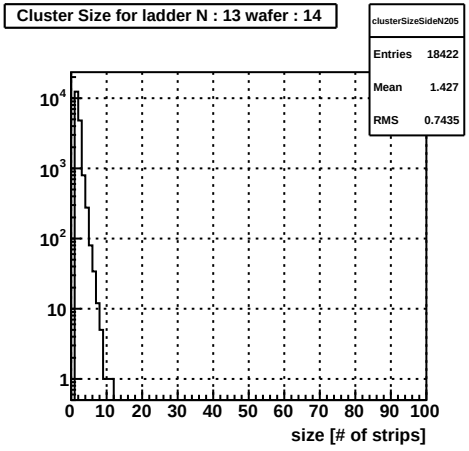

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 13062
Mean 1.579
RMS 0.8025
size [# of strips]

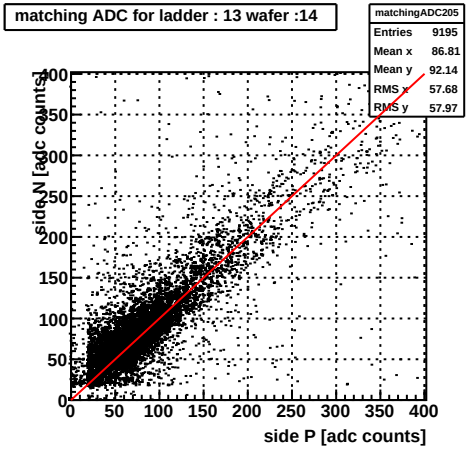

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

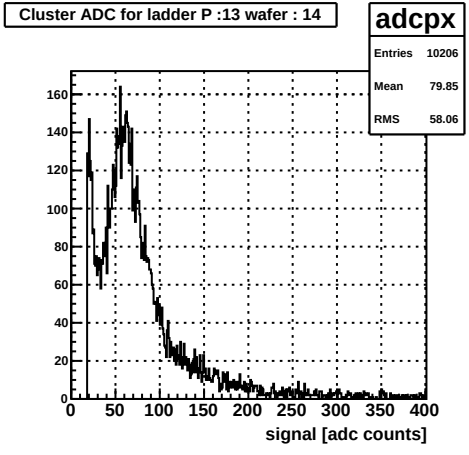

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 8
Mean 58.75
RMS 29.8
signal [adc counts]

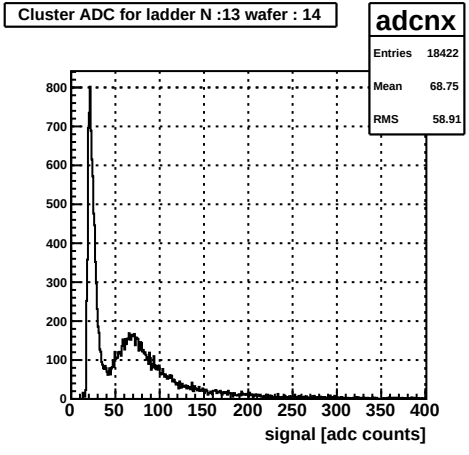

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 13062
Mean 82.22
RMS 59.18
signal [adc counts]

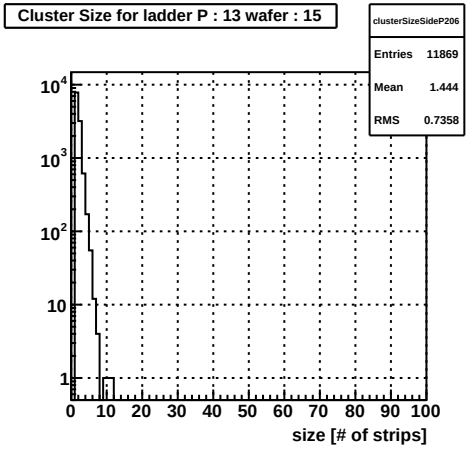

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 10206
Mean 1.399
RMS 0.6959
size [# of strips]

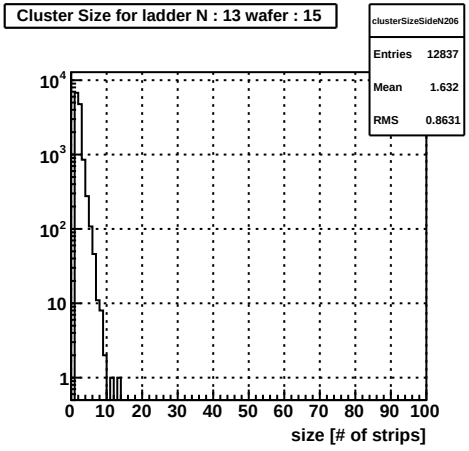

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 18422
Mean 1.427
RMS 0.7435
size [# of strips]

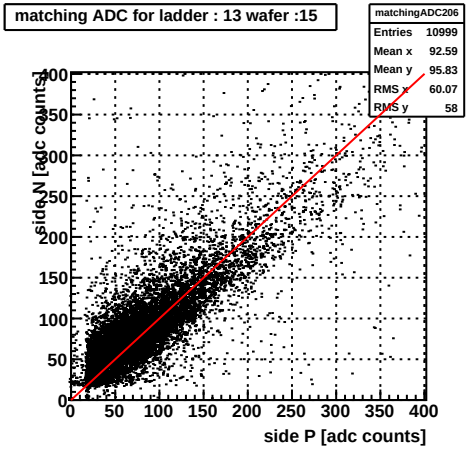

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 9195
Mean x 86.81
Mean y 92.14
RMS x 57.68
RMS y 57.97
side N [adc counts]
side P [adc counts]

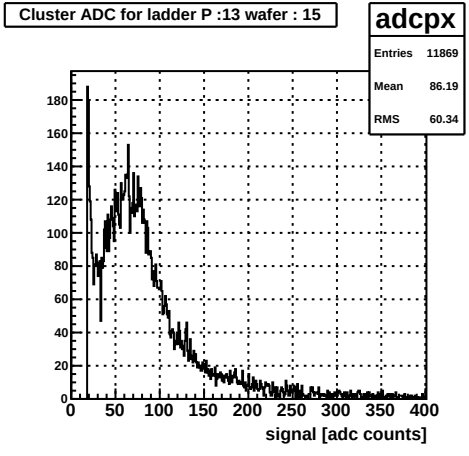

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 10206
Mean 79.85
RMS 58.06
signal [adc counts]

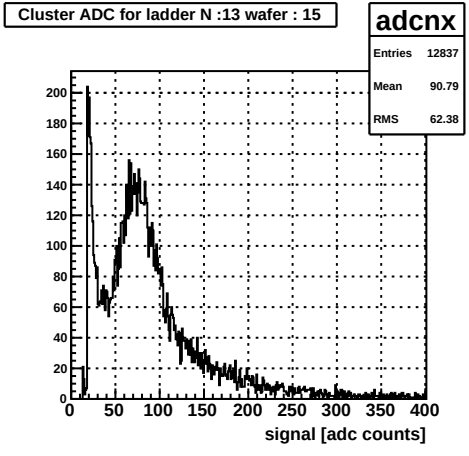

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 18422
Mean 68.75
RMS 58.91
signal [adc counts]

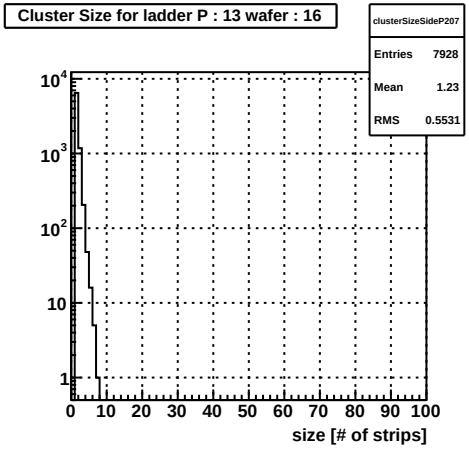

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 11869
Mean 1.444
RMS 0.7358
size [# of strips]

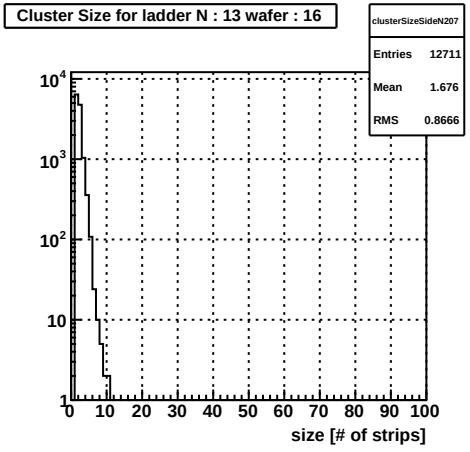

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 12837
Mean 1.632
RMS 0.8631
size [# of strips]

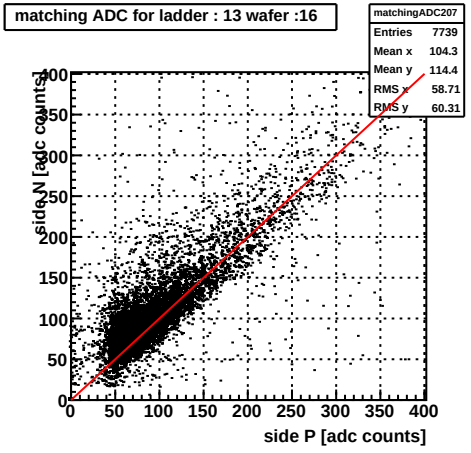

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 10999
Mean x 92.59
Mean y 95.83
RMS x 60.07
RMS y 58
side N [adc counts]
side P [adc counts]

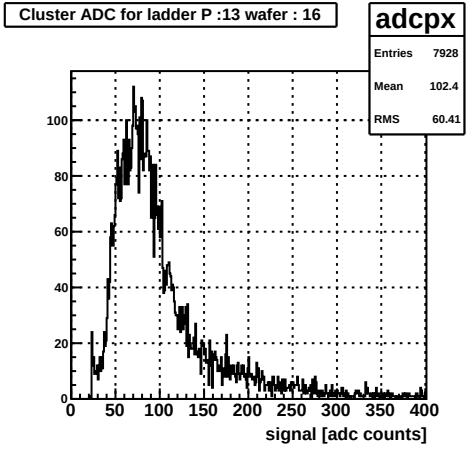

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 11869
Mean 86.19
RMS 60.34
signal [adc counts]

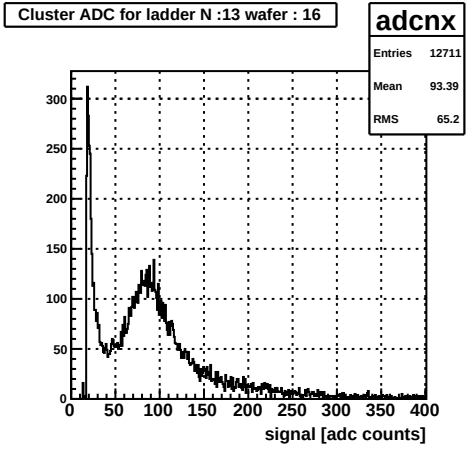

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 12837
Mean 90.79
RMS 62.38
signal [adc counts]

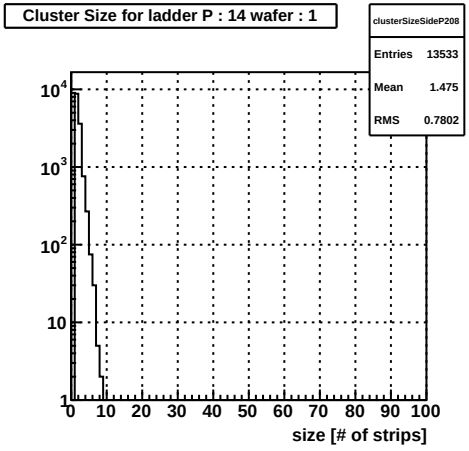

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 7928
Mean 1.23
RMS 0.5531
size [# of strips]

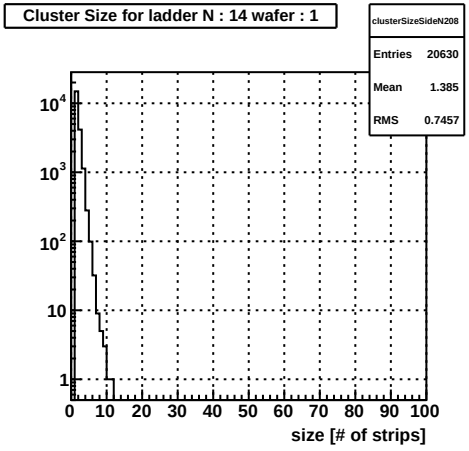

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 12711
Mean 1.676
RMS 0.8666
size [# of strips]

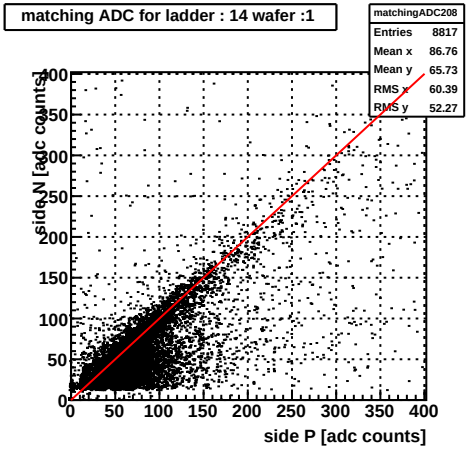

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 7739
Mean x 104.3
Mean y 114.4
RMS x 58.71
RMS y 60.31
side N [adc counts]
side P [adc counts]

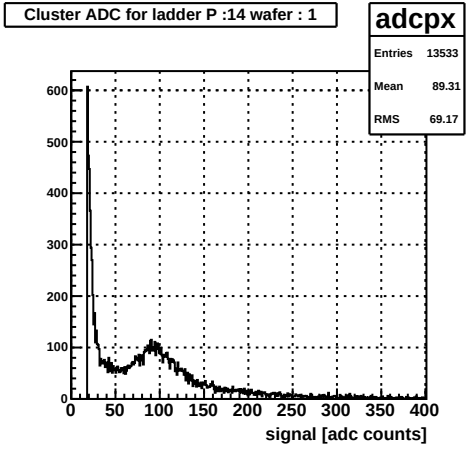

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 7928
Mean 102.4
RMS 60.41
signal [adc counts]

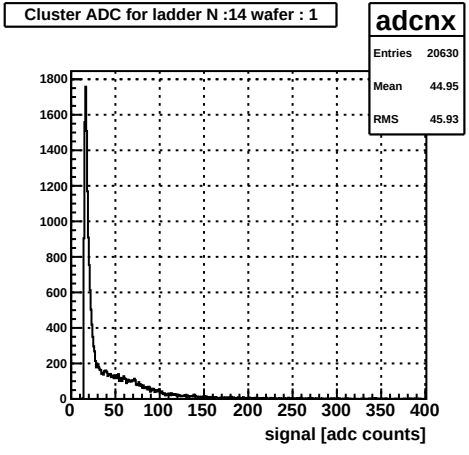

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 12711
Mean 93.39
RMS 65.2
signal [adc counts]

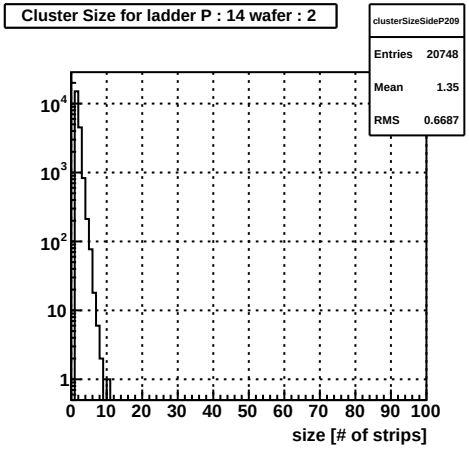

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 13533
Mean 1.475
RMS 0.7802
size [# of strips]

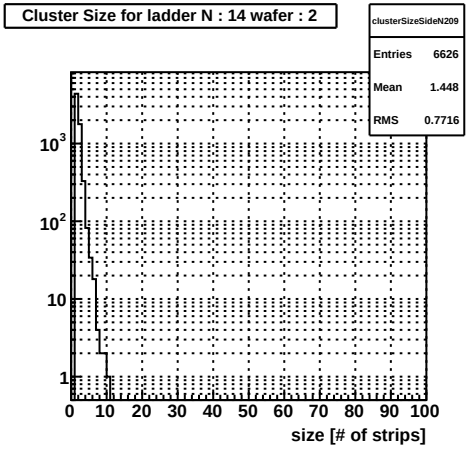

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 20630
Mean 1.385
RMS 0.7457
size [# of strips]

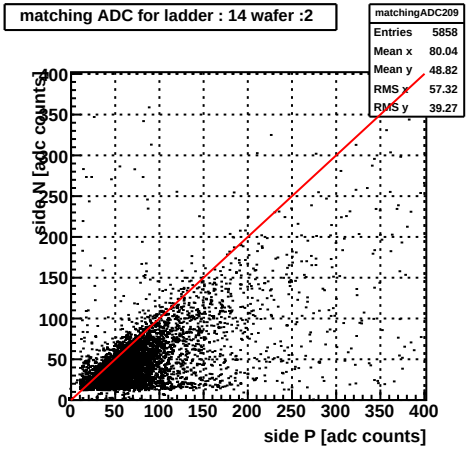

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 8817
Mean x 86.76
Mean y 65.73
RMS x 60.39
RMS y 52.27
side N [adc counts]
side P [adc counts]

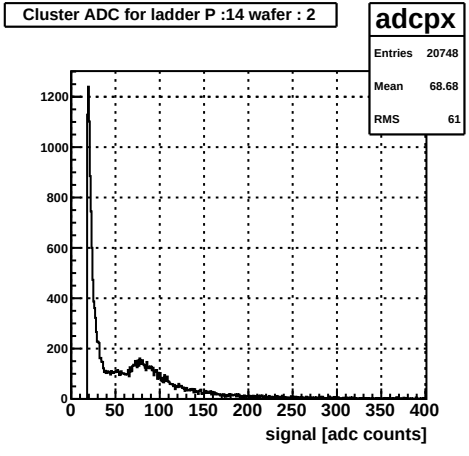

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 13533
Mean 89.31
RMS 69.17
signal [adc counts]

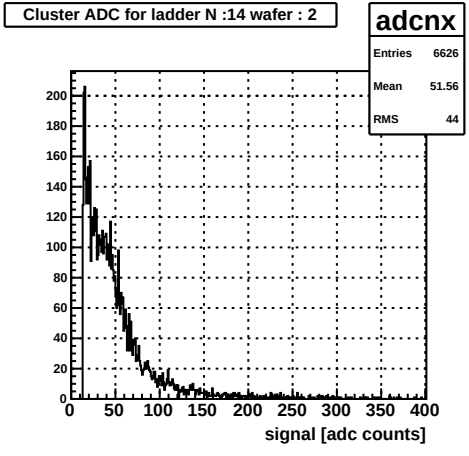

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 20630
Mean 44.95
RMS 45.93
signal [adc counts]

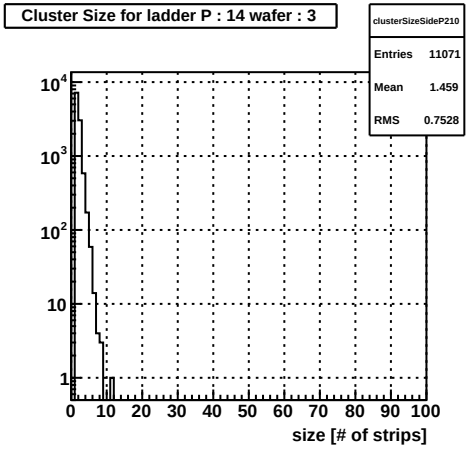

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 20748
Mean 1.35
RMS 0.6687
size [# of strips]

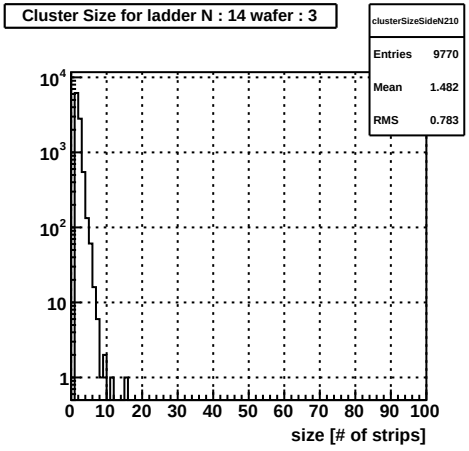

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 6626
Mean 1.448
RMS 0.7716
size [# of strips]

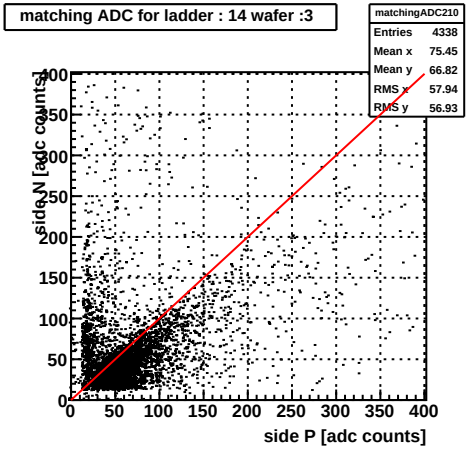

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 5858
Mean x 80.04
Mean y 48.82
RMS x 57.32
RMS y 39.27
side N [adc counts]
side P [adc counts]

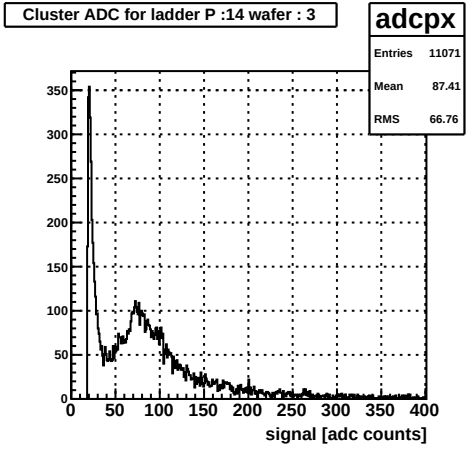

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 20748
Mean 68.68
RMS 61
signal [adc counts]

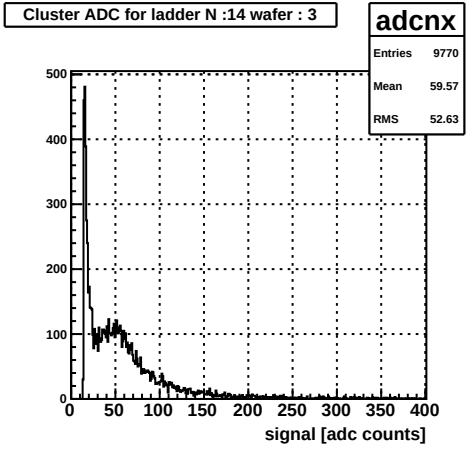

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 6626
Mean 51.56
RMS 44
signal [adc counts]

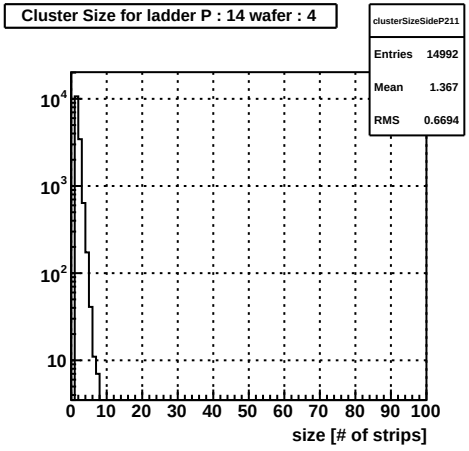

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 11071
Mean 1.459
RMS 0.7528
size [# of strips]

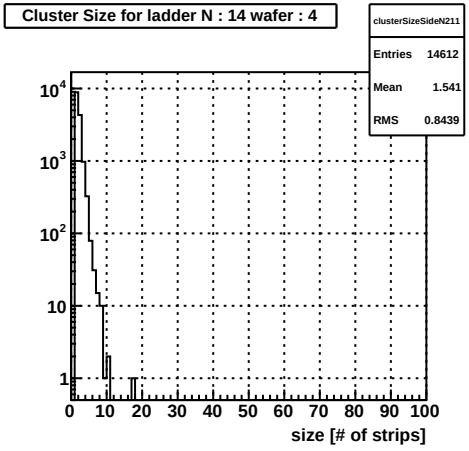

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 9770
Mean 1.482
RMS 0.783
size [# of strips]

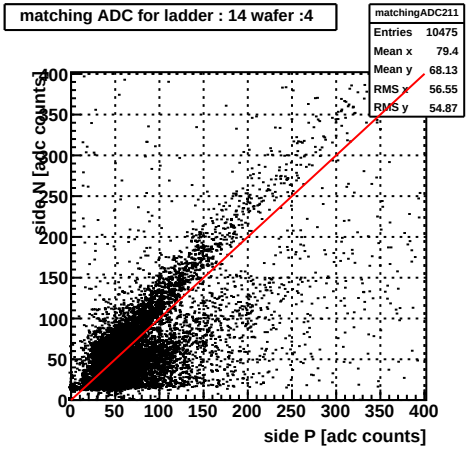

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4338
Mean x 75.45
Mean y 66.82
RMS x 57.94
RMS y 56.93
side N [adc counts]
side P [adc counts]

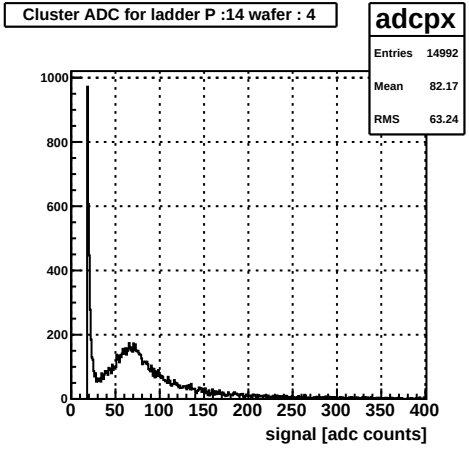

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 11071
Mean 87.41
RMS 66.76
signal [adc counts]

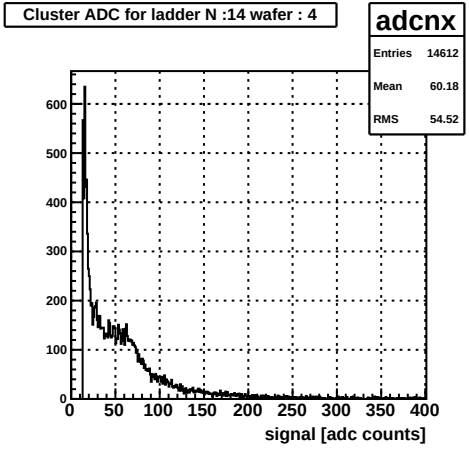

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 9770
Mean 59.57
RMS 52.63
signal [adc counts]

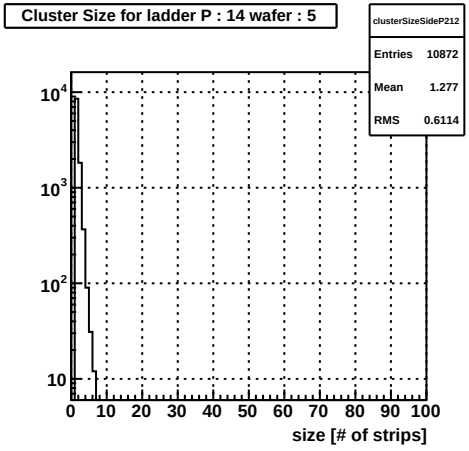

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 14992
Mean 1.367
RMS 0.6694
size [# of strips]

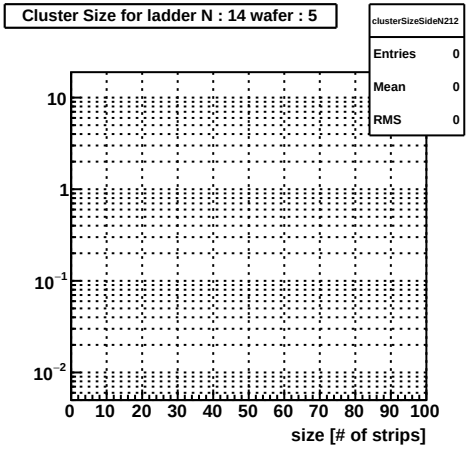

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 14612
Mean 1.541
RMS 0.8439
size [# of strips]

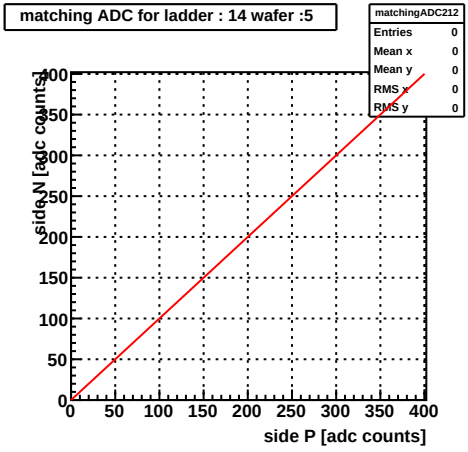

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 10475
Mean x 79.4
Mean y 68.13
RMS x 56.55
RMS y 54.87
side N [adc counts]
side P [adc counts]

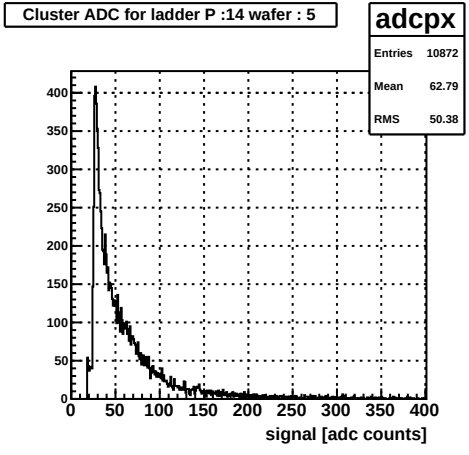

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 14992
Mean 82.17
RMS 63.24
signal [adc counts]

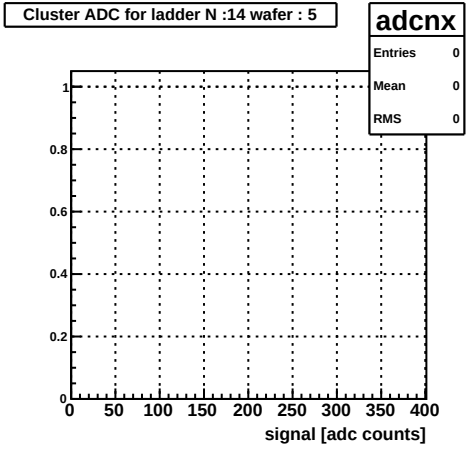

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 14612
Mean 60.18
RMS 54.52
signal [adc counts]

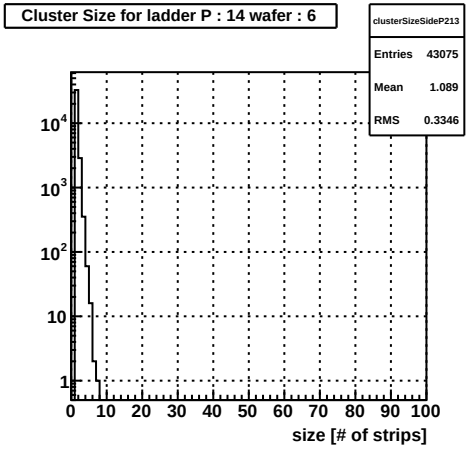

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 10872
Mean 1.277
RMS 0.6114
size [# of strips]

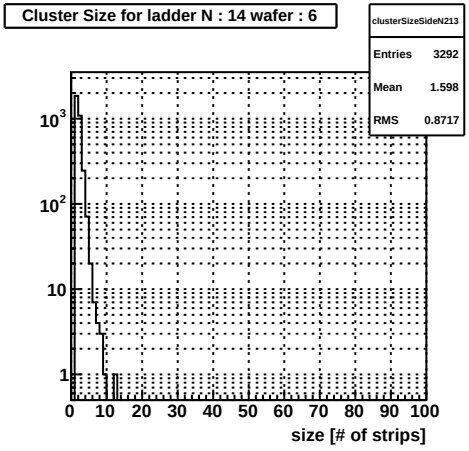

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

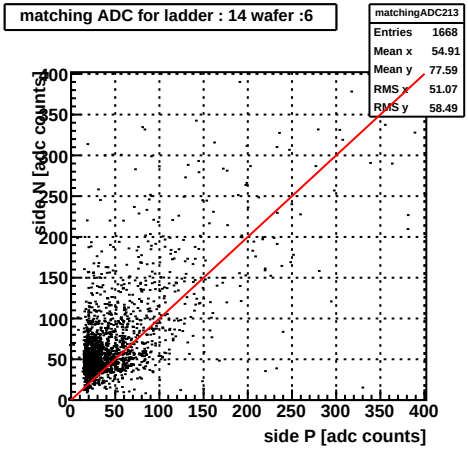

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

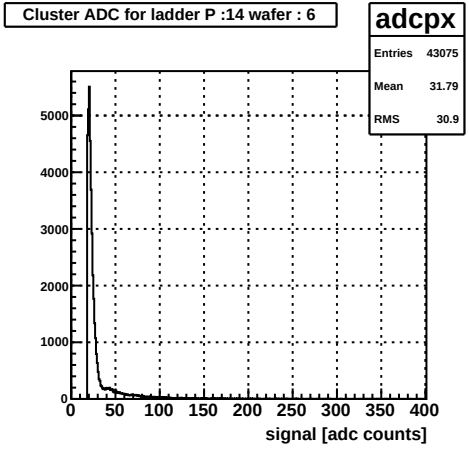

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 10872
Mean 62.79
RMS 50.38
signal [adc counts]

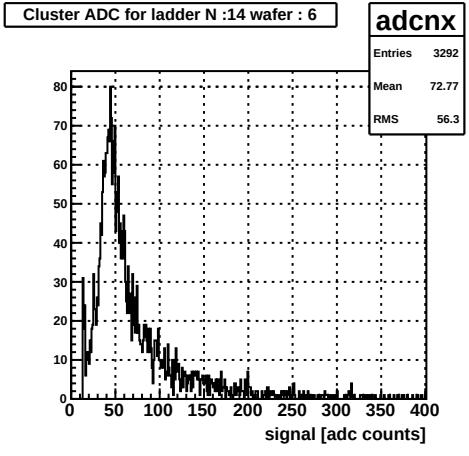

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

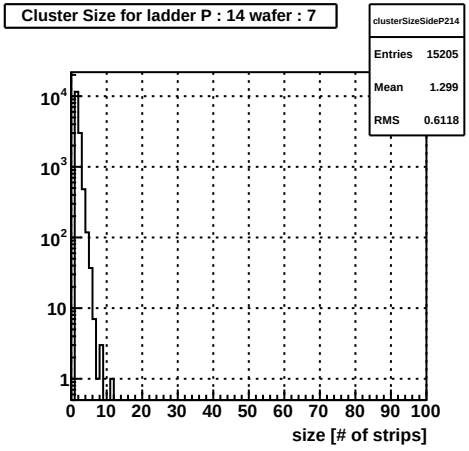

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 43075
Mean 1.089
RMS 0.3346
size [# of strips]

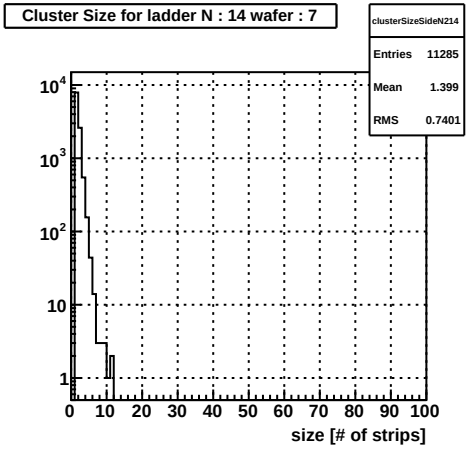

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 3292
Mean 1.598
RMS 0.8717
size [# of strips]

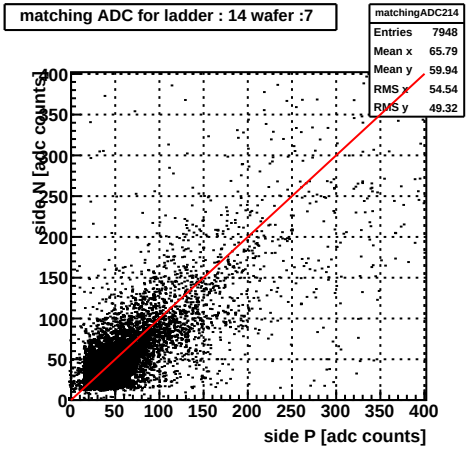

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1668
Mean x 54.91
Mean y 77.59
RMS x 51.07
RMS y 58.49
side N [adc counts]
side P [adc counts]

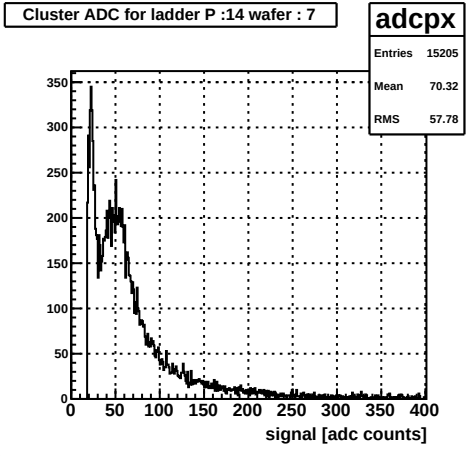

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 43075
Mean 31.79
RMS 30.9
signal [adc counts]

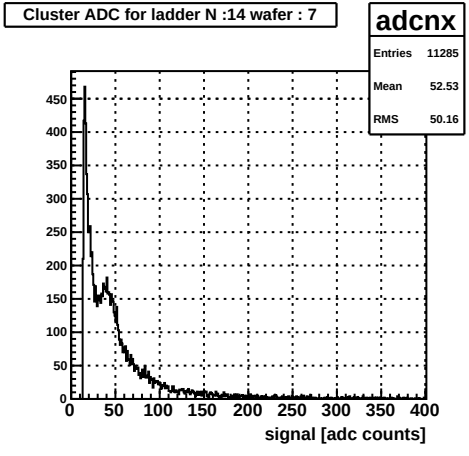

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 3292
Mean 72.77
RMS 56.3
signal [adc counts]

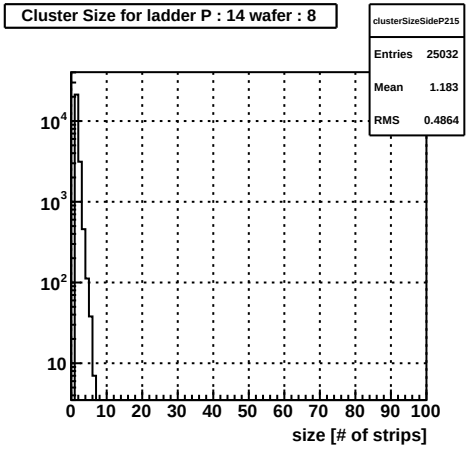

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 15205
Mean 1.299
RMS 0.6118
size [# of strips]

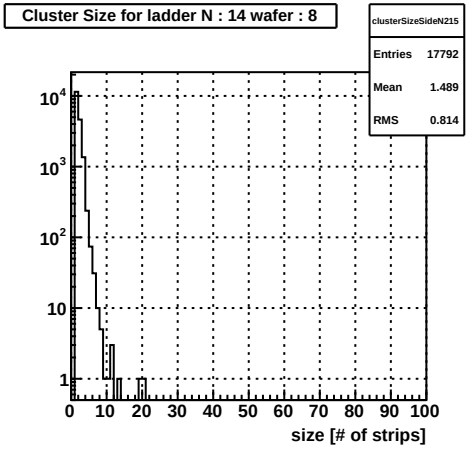

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 11285
Mean 1.399
RMS 0.7401
size [# of strips]

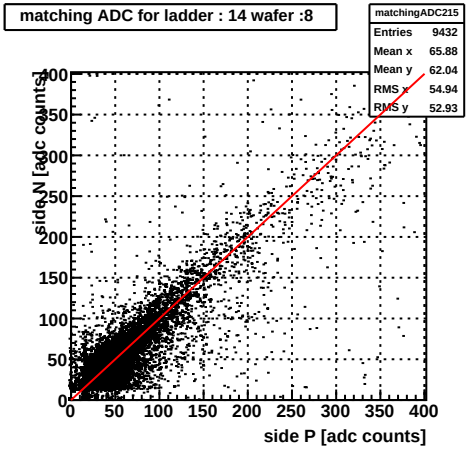

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 7948
Mean x 65.79
Mean y 59.94
RMS x 54.54
RMS y 49.32
side N [adc counts]
side P [adc counts]

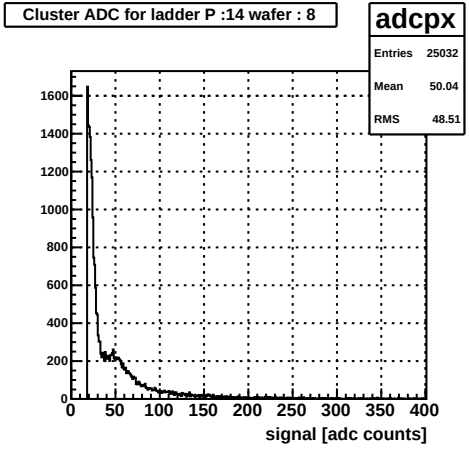

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 15205
Mean 70.32
RMS 57.78
signal [adc counts]

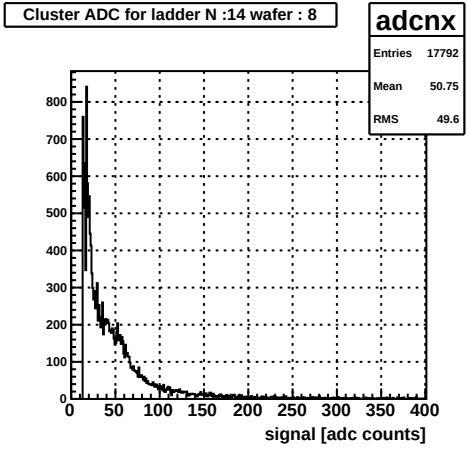

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 11285
Mean 52.53
RMS 50.16
signal [adc counts]

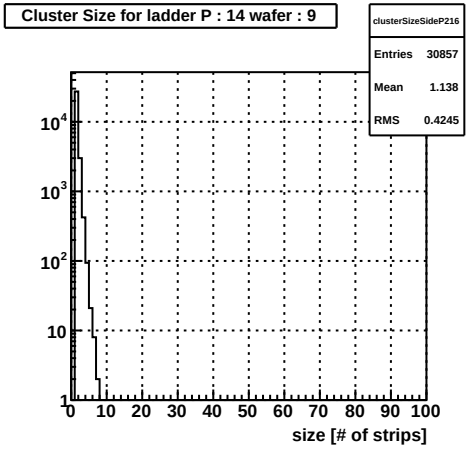

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 25032
Mean 1.183
RMS 0.4864
size [# of strips]

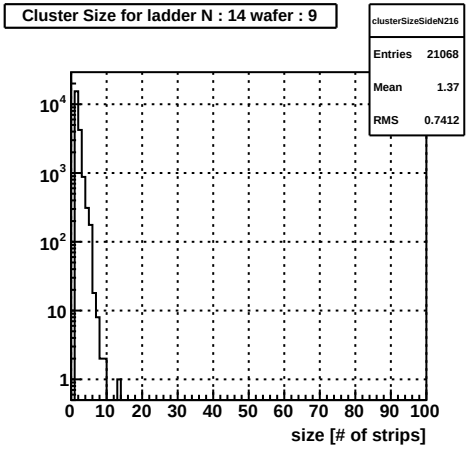

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 17792
Mean 1.489
RMS 0.814
size [# of strips]

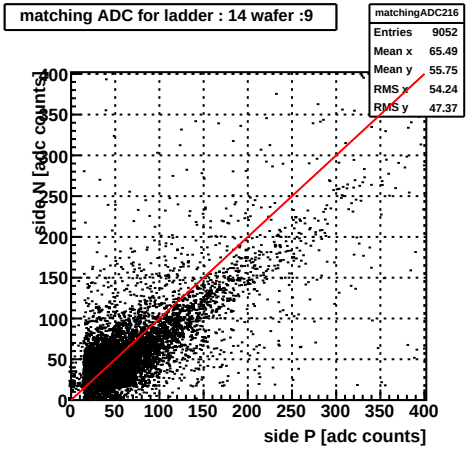

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 9432
Mean x 65.88
Mean y 62.04
RMS x 54.94
RMS y 52.93
side N [adc counts]
side P [adc counts]

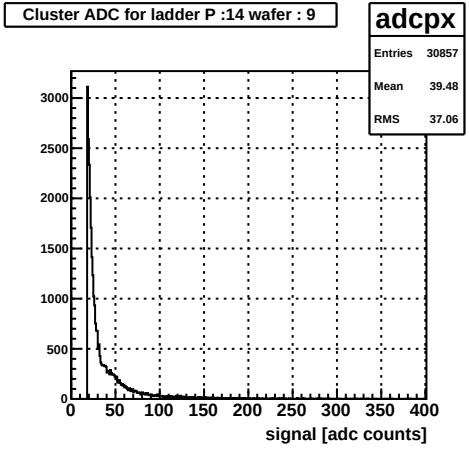

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 25032
Mean 50.04
RMS 48.51
signal [adc counts]

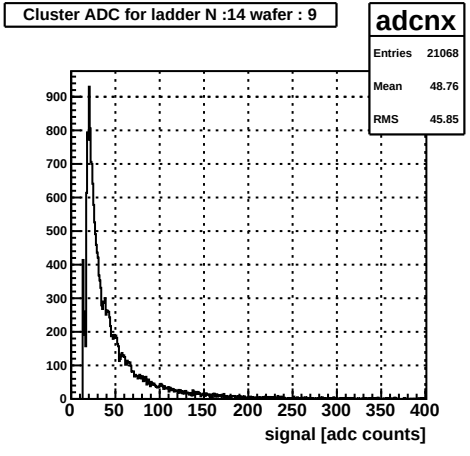

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 17792
Mean 50.75
RMS 49.6
signal [adc counts]

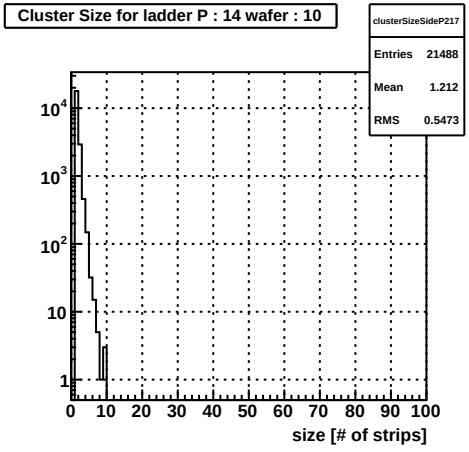

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 30857
Mean 1.138
RMS 0.4245
size [# of strips]

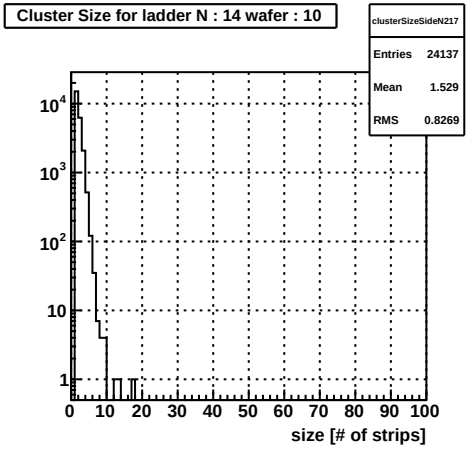

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 21068
Mean 1.37
RMS 0.7412
size [# of strips]

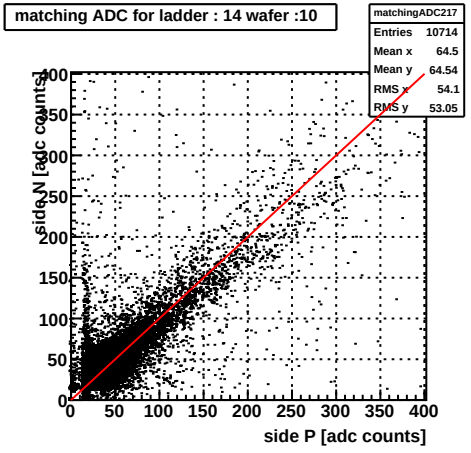

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 9052
Mean x 65.49
Mean y 55.75
RMS x 54.24
RMS y 47.37
side N [adc counts]
side P [adc counts]

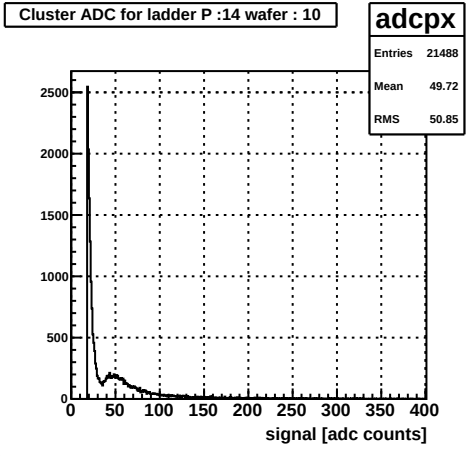

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 30857
Mean 39.48
RMS 37.06
signal [adc counts]

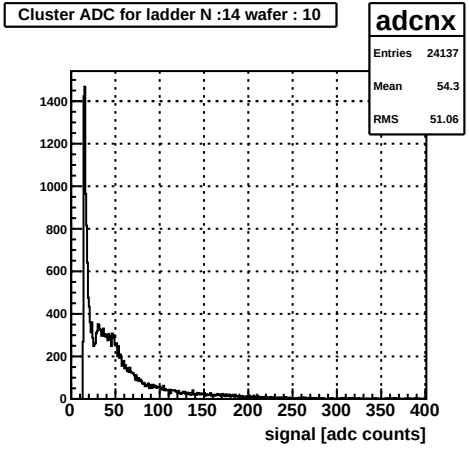

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 21068
Mean 48.76
RMS 45.85
signal [adc counts]

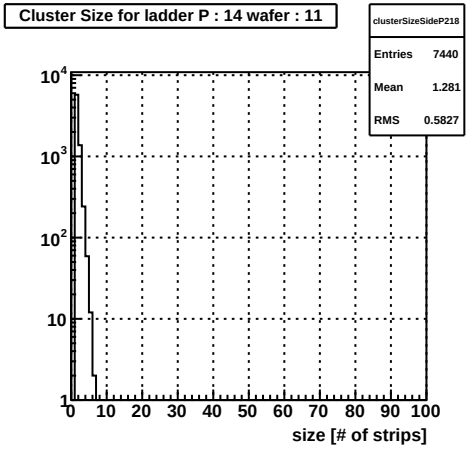

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 21488
Mean 1.212
RMS 0.5473
size [# of strips]

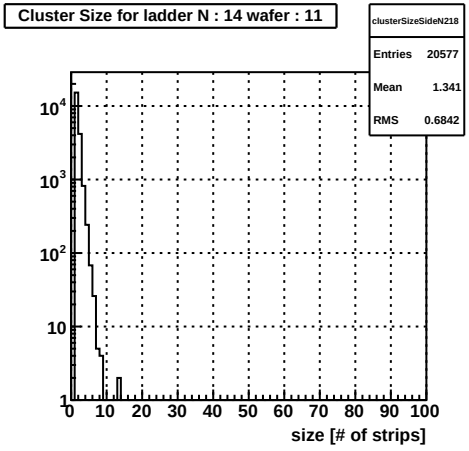

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 24137
Mean 1.529
RMS 0.8269
size [# of strips]

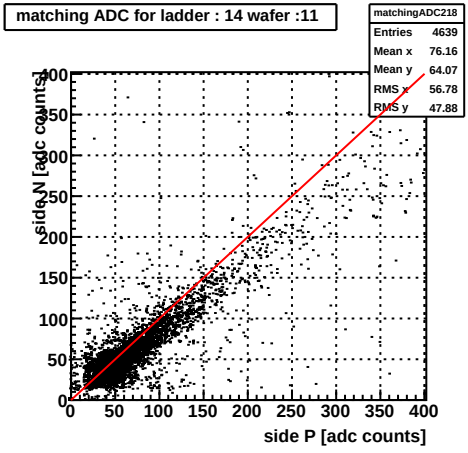

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 10714
Mean x 64.5
Mean y 64.54
RMS x 54.1
RMS y 53.05
side N [adc counts]
side P [adc counts]

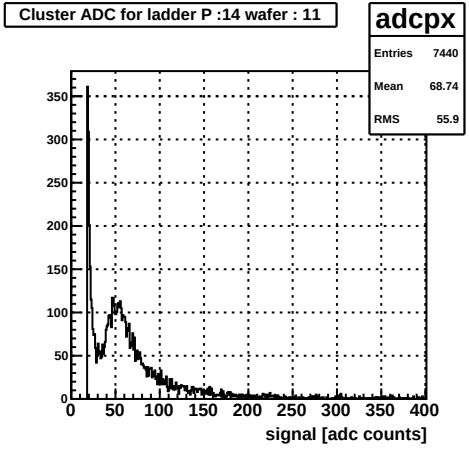

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 21488
Mean 49.72
RMS 50.85
signal [adc counts]

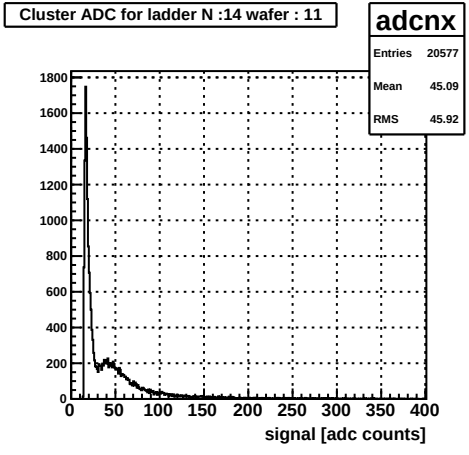

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 24137
Mean 54.3
RMS 51.06
signal [adc counts]

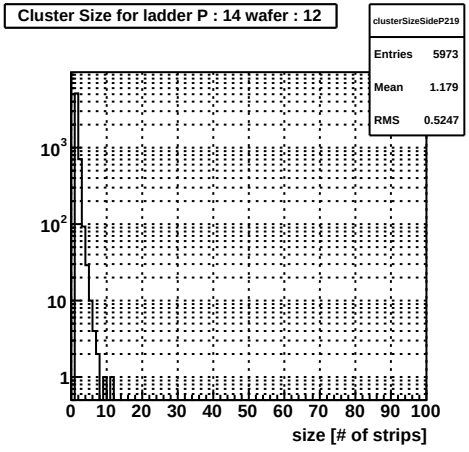

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 7440
Mean 1.281
RMS 0.5827
size [# of strips]

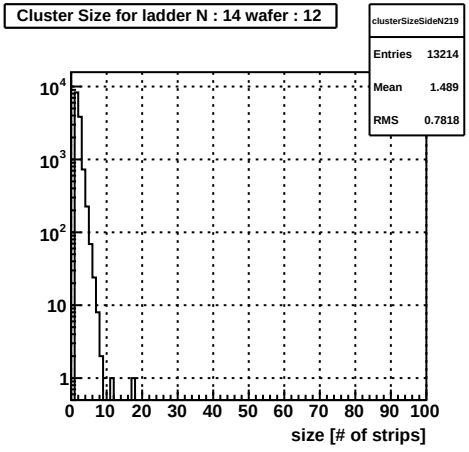

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 20577
Mean 1.341
RMS 0.6842
size [# of strips]

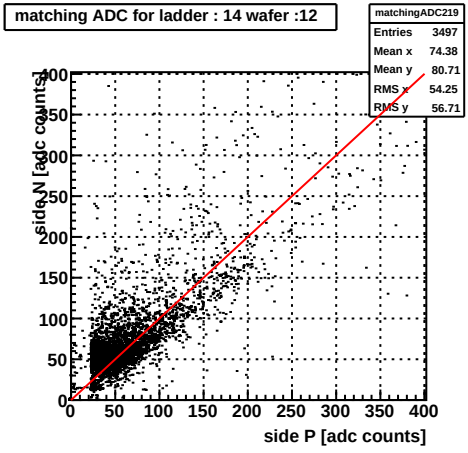

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 4639
Mean x 76.16
Mean y 64.07
RMS x 56.78
RMS y 47.88
side N [adc counts]
side P [adc counts]

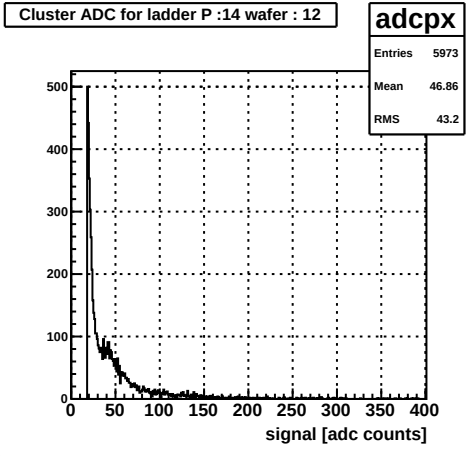

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 7440
Mean 68.74
RMS 55.9
signal [adc counts]

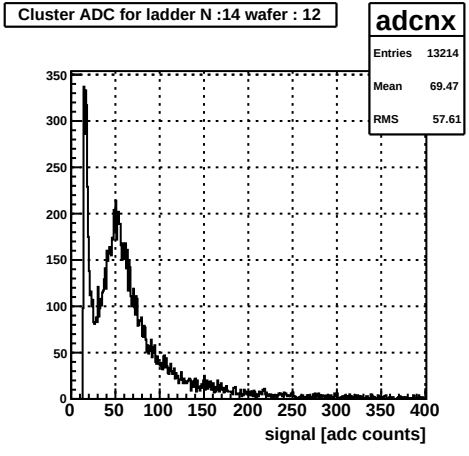

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 20577
Mean 45.09
RMS 45.92
signal [adc counts]

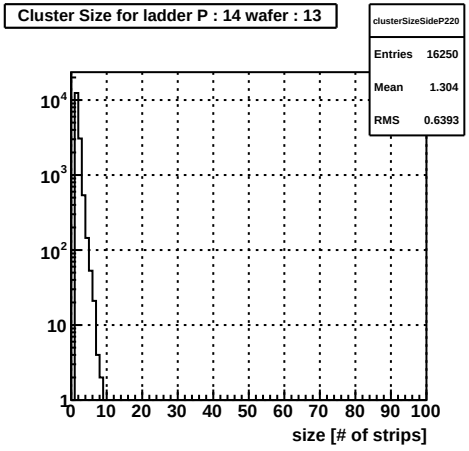

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 5973
Mean 1.179
RMS 0.5247
size [# of strips]

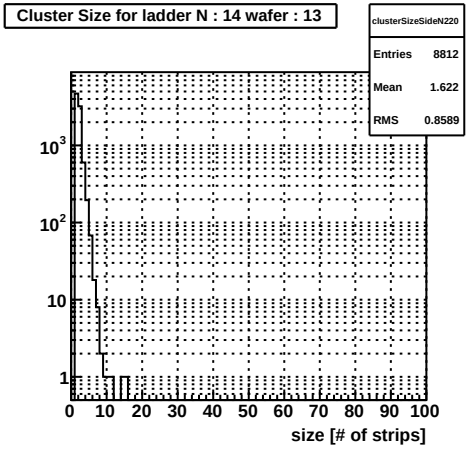

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 13214
Mean 1.489
RMS 0.7818
size [# of strips]

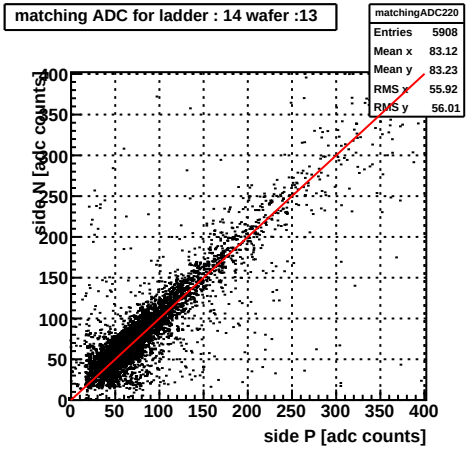

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 3497
Mean x 74.38
Mean y 80.71
RMS x 54.25
RMS y 56.71
side N [adc counts]
side P [adc counts]

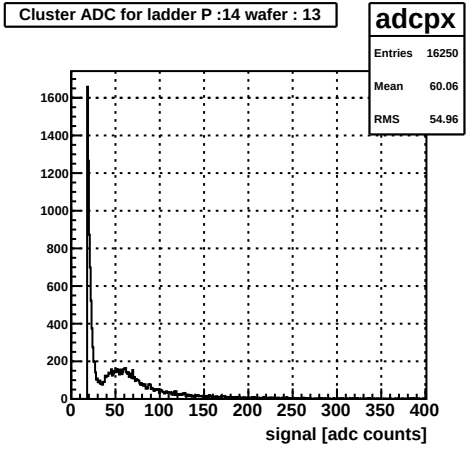

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 5973
Mean 46.86
RMS 43.2
signal [adc counts]

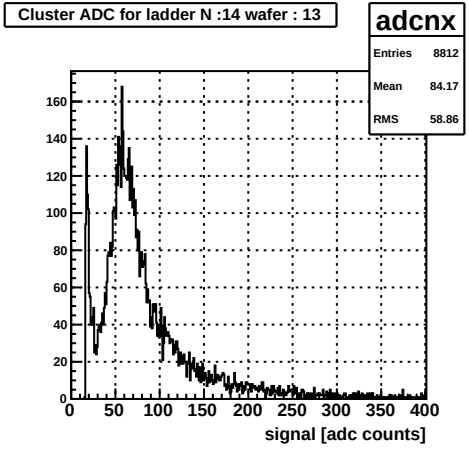

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 13214
Mean 69.47
RMS 57.61
signal [adc counts]

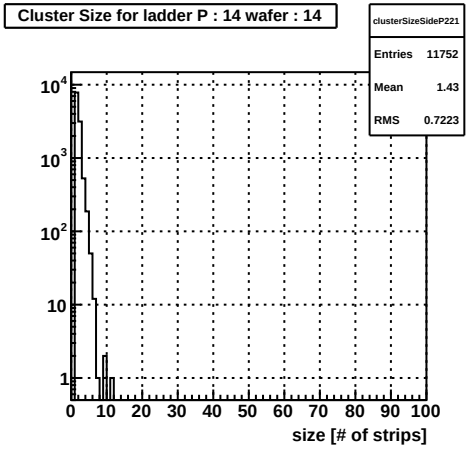

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 16250
Mean 1.304
RMS 0.6393
size [# of strips]

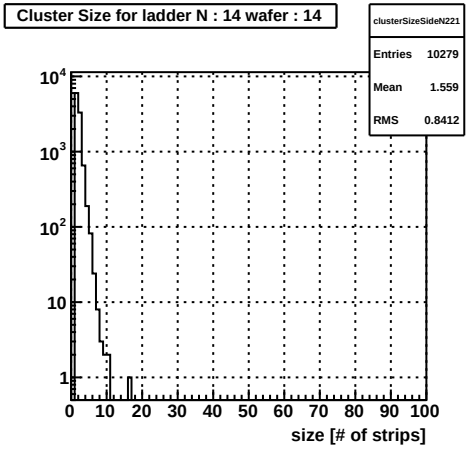

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 8812
Mean 1.622
RMS 0.8589
size [# of strips]

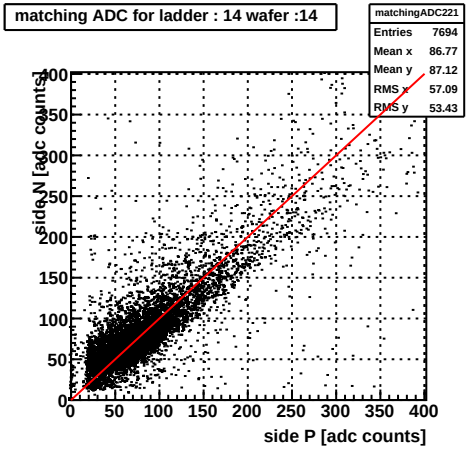

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 5908
Mean x 83.12
Mean y 83.23
RMS x 55.92
RMS y 56.01
side N [adc counts]
side P [adc counts]

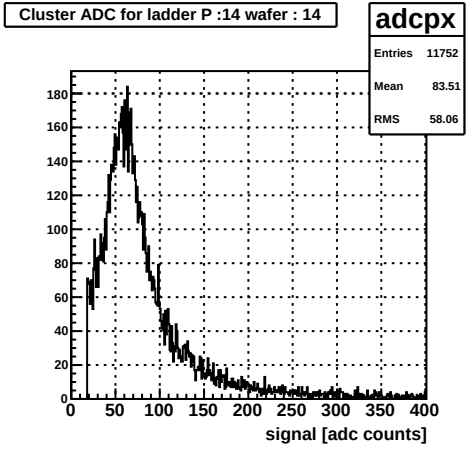

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 16250
Mean 60.06
RMS 54.96
signal [adc counts]

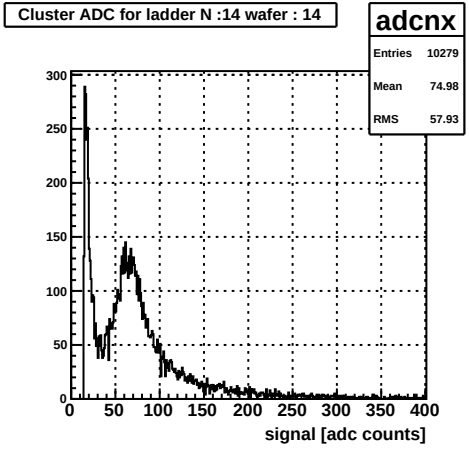

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 8812
Mean 84.17
RMS 58.86
signal [adc counts]

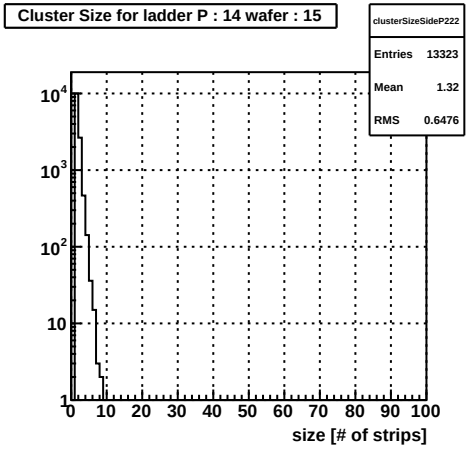

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 11752
Mean 1.43
RMS 0.7223
size [# of strips]

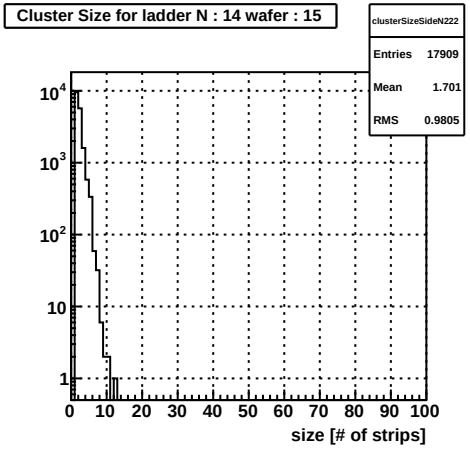

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 10279
Mean 1.559
RMS 0.8412
size [# of strips]

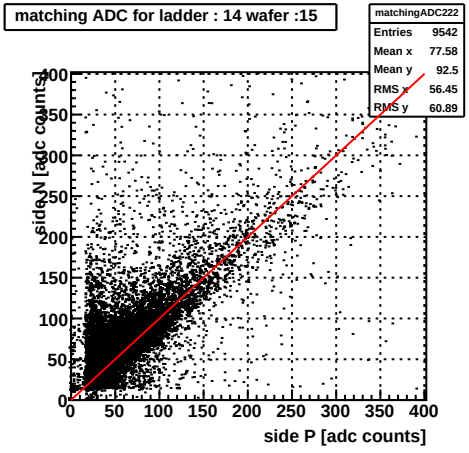

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 7694
Mean x 86.77
Mean y 87.12
RMS x 57.09
RMS y 53.43
side N [adc counts]
side P [adc counts]

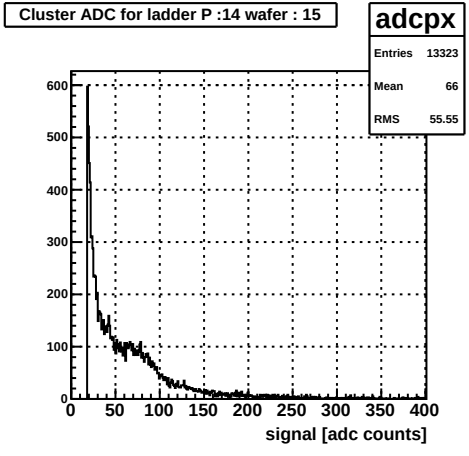

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 11752
Mean 83.51
RMS 58.06
signal [adc counts]

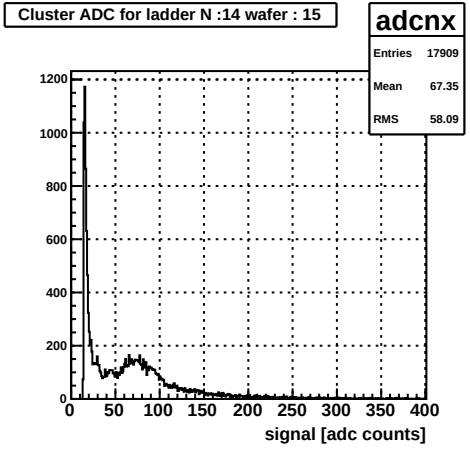

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 10279
Mean 74.98
RMS 57.93
signal [adc counts]

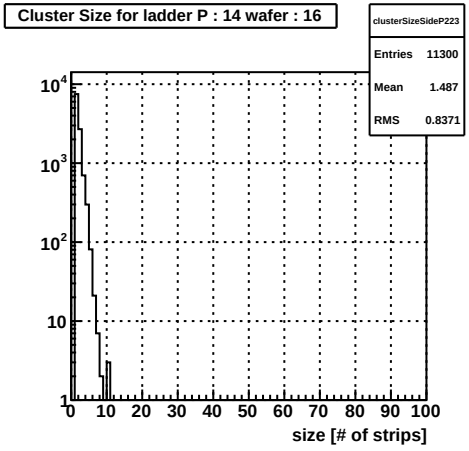

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 13323
Mean 1.32
RMS 0.6476
size [# of strips]

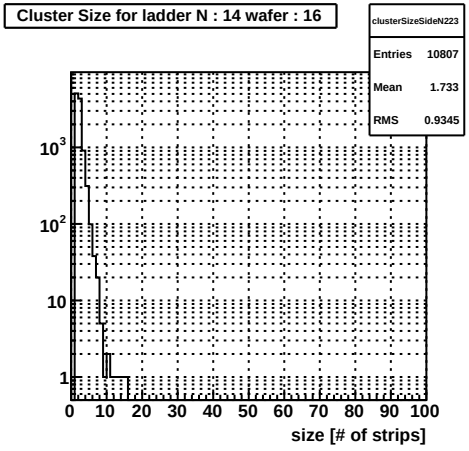

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 17909
Mean 1.701
RMS 0.9805
size [# of strips]

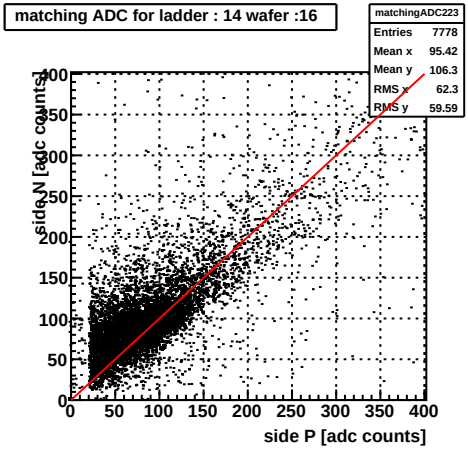

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 9542
Mean x 77.58
Mean y 92.5
RMS x 56.45
RMS y 60.89
side N [adc counts]
side P [adc counts]

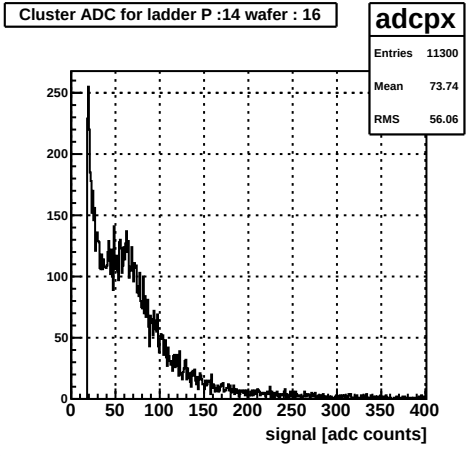

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 13323
Mean 66
RMS 55.55
signal [adc counts]

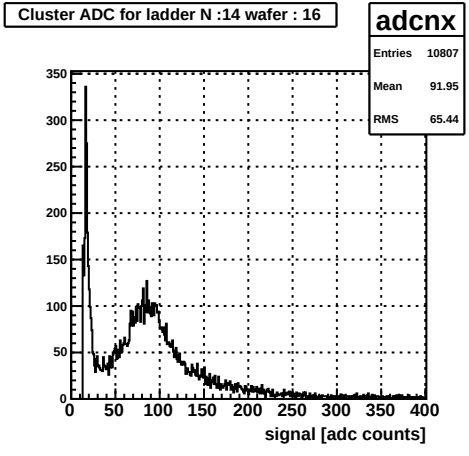

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 17909
Mean 67.35
RMS 58.09
signal [adc counts]

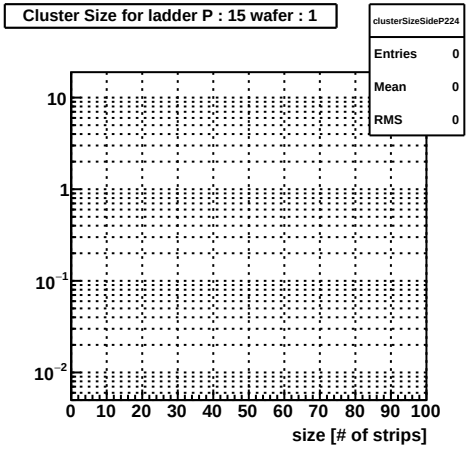

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 11300
Mean 1.487
RMS 0.8371
size [# of strips]

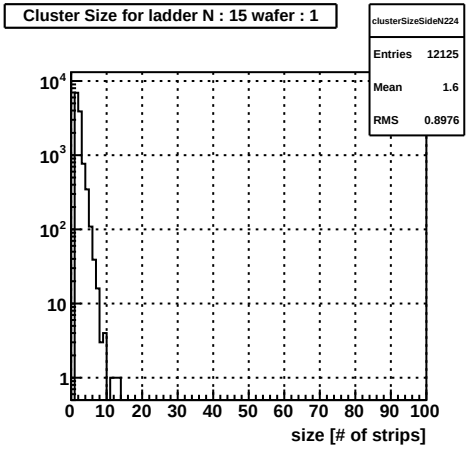

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 10807
Mean 1.733
RMS 0.9345
size [# of strips]

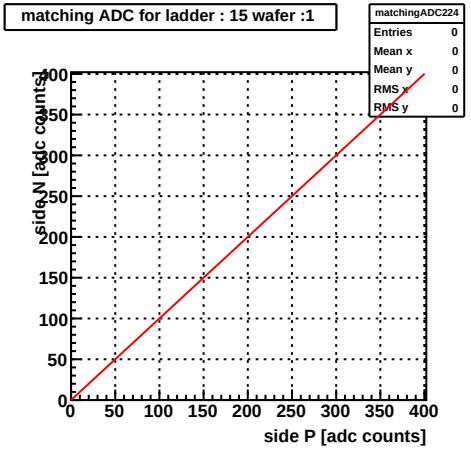

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 7778
Mean x 95.42
Mean y 106.3
RMS x 62.3
RMS y 59.59
side N [adc counts]
side P [adc counts]

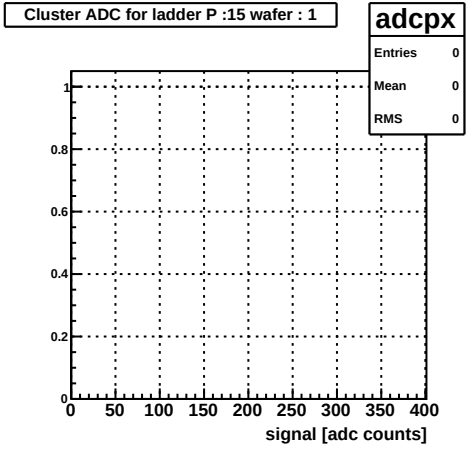

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 11300
Mean 73.74
RMS 56.06
signal [adc counts]

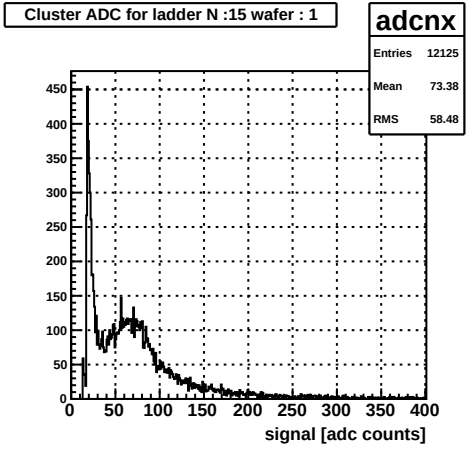

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 10807
Mean 91.95
RMS 65.44
signal [adc counts]

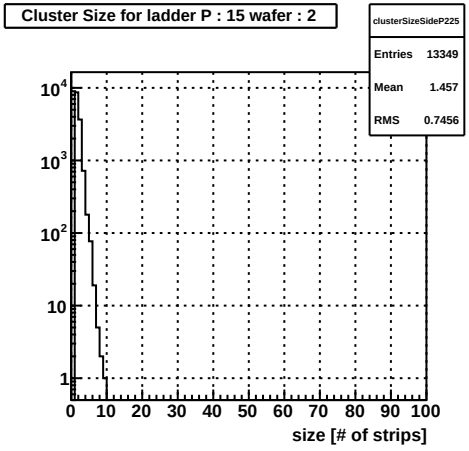

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

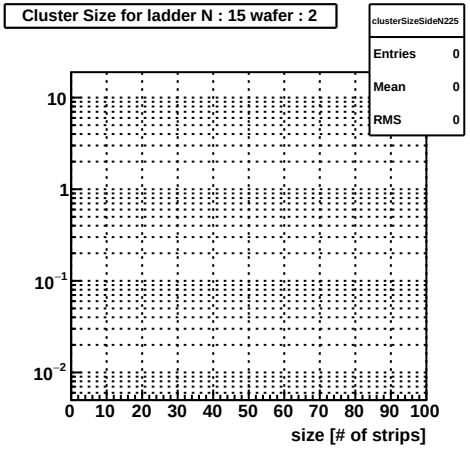

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 12125
Mean 1.6
RMS 0.8976
size [# of strips]

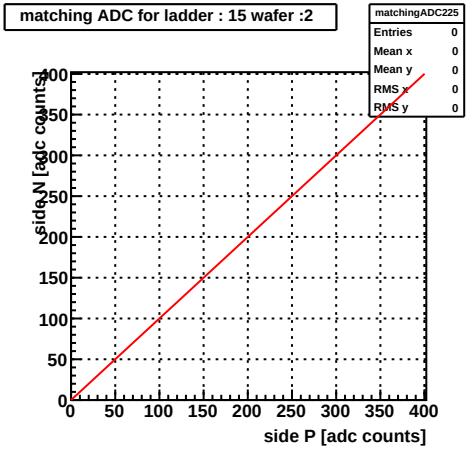

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

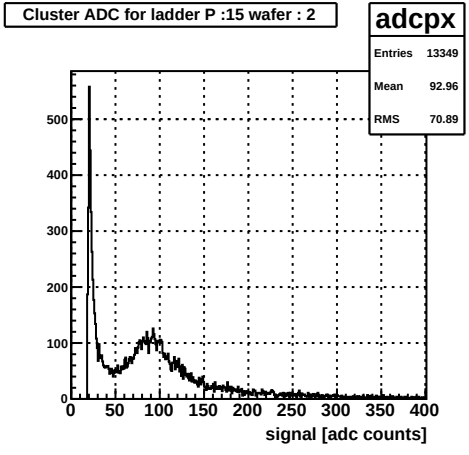

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

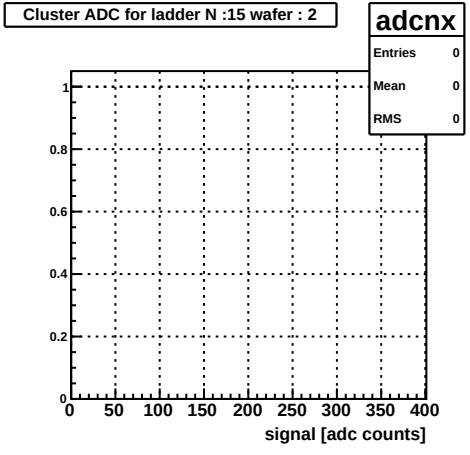

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 12125
Mean 73.38
RMS 58.48
signal [adc counts]

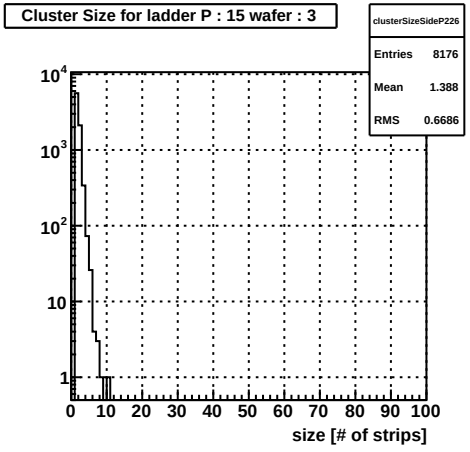

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 13349
Mean 1.457
RMS 0.7456
size [# of strips]

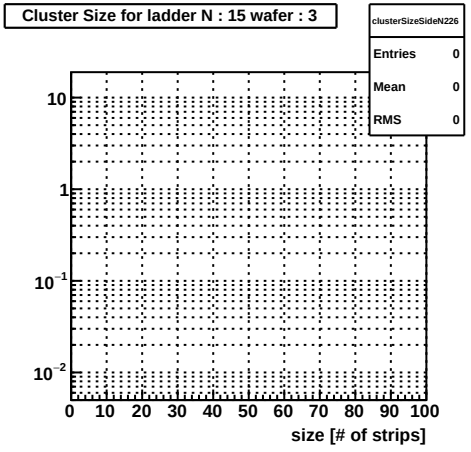

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

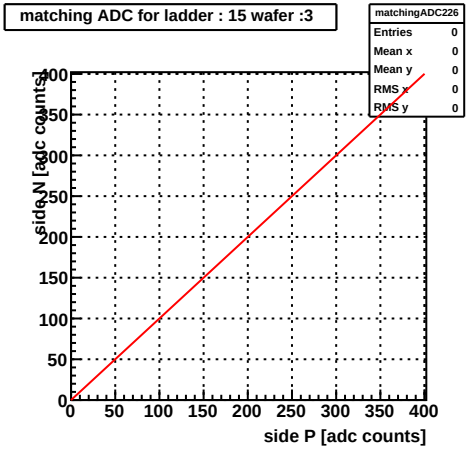

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

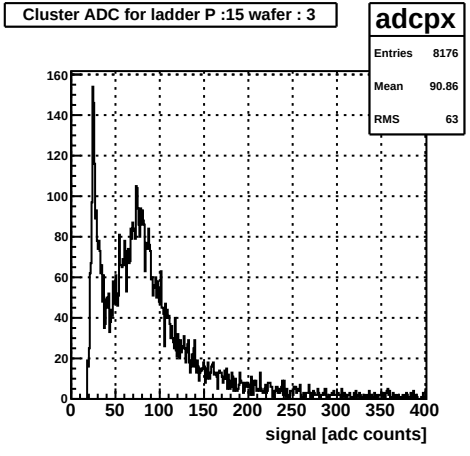

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 13349
Mean 92.96
RMS 70.89
signal [adc counts]

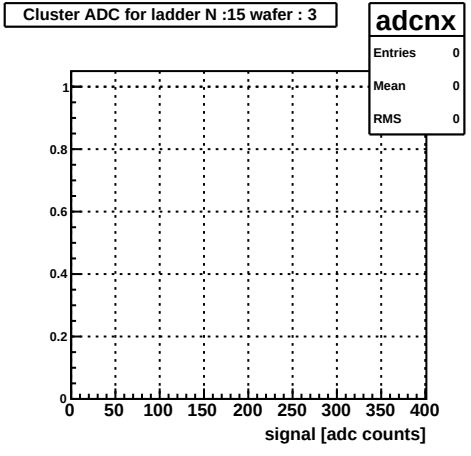

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

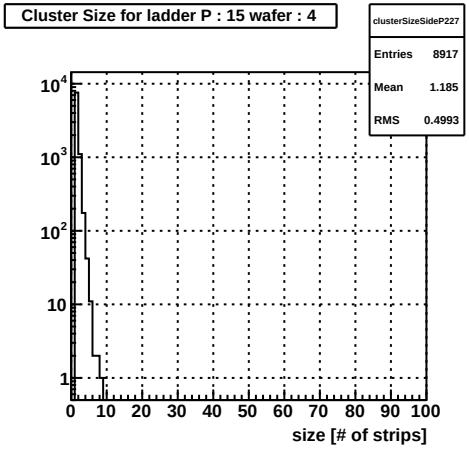

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 8176
Mean 1.388
RMS 0.6686
size [# of strips]

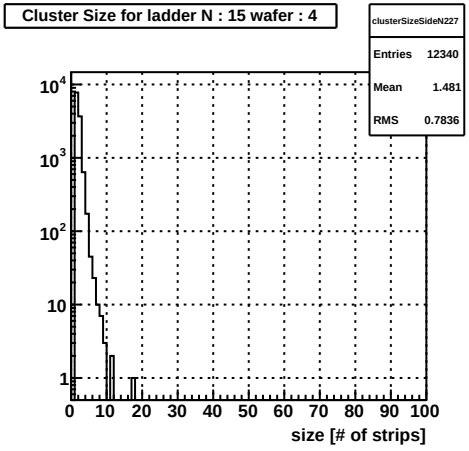

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

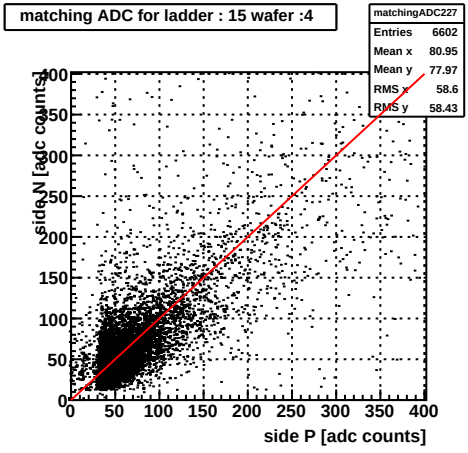

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

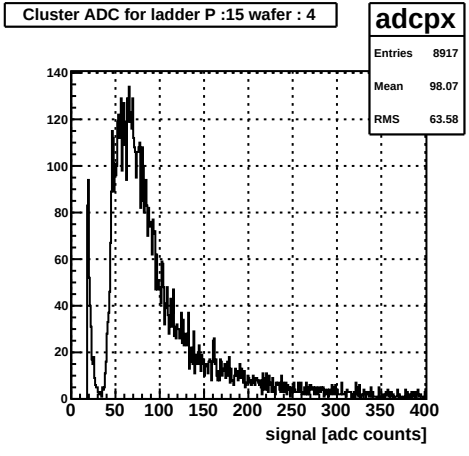

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 8176
Mean 90.86
RMS 63
signal [adc counts]

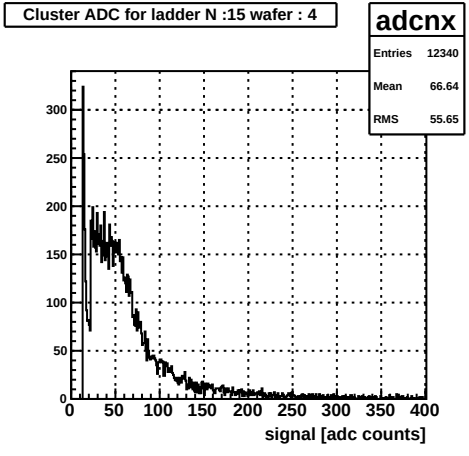

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

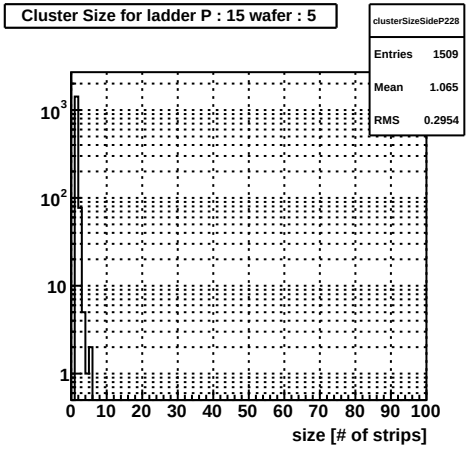

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 8917
Mean 1.185
RMS 0.4993
size [# of strips]

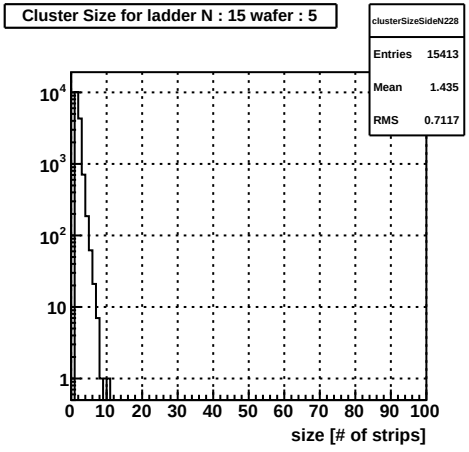

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 12340
Mean 1.481
RMS 0.7836
size [# of strips]

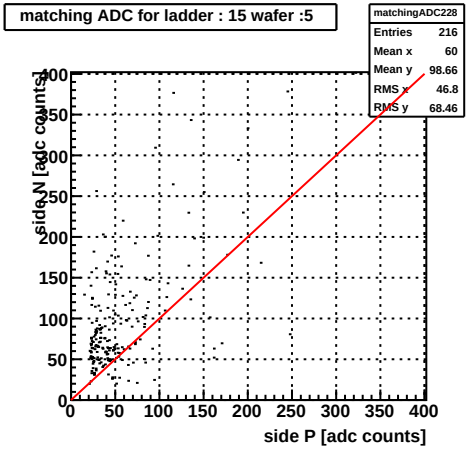

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6602
Mean x 80.95
Mean y 77.97
RMS x 58.6
RMS y 58.43
side N [adc counts]
side P [adc counts]

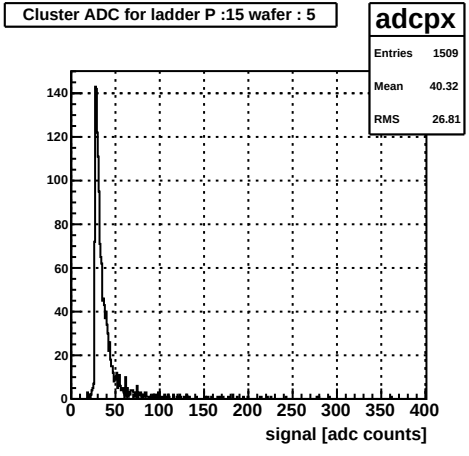

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 8917
Mean 98.07
RMS 63.58
signal [adc counts]

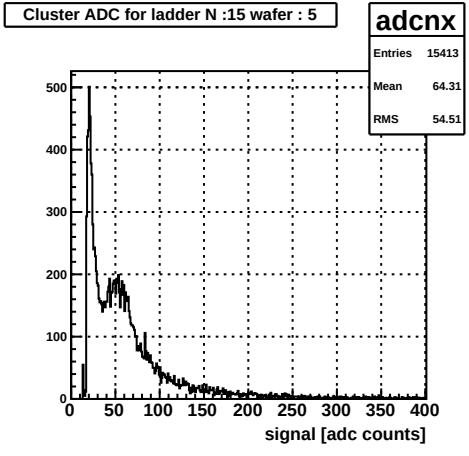

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 12340
Mean 66.64
RMS 55.65
signal [adc counts]

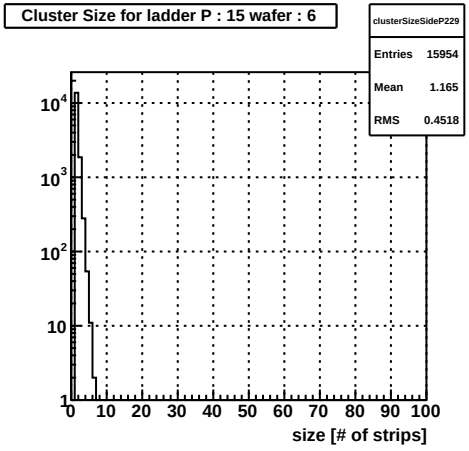

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1509
Mean 1.065
RMS 0.2954
size [# of strips]

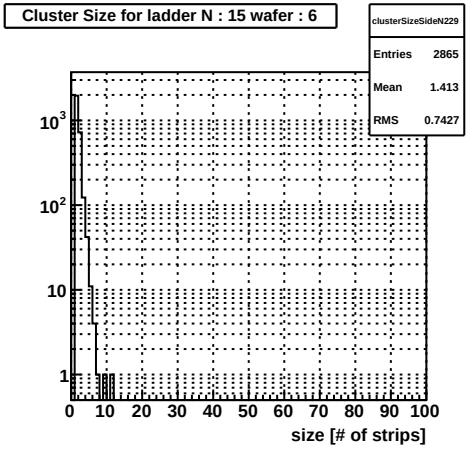

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 15413
Mean 1.435
RMS 0.7117
size [# of strips]

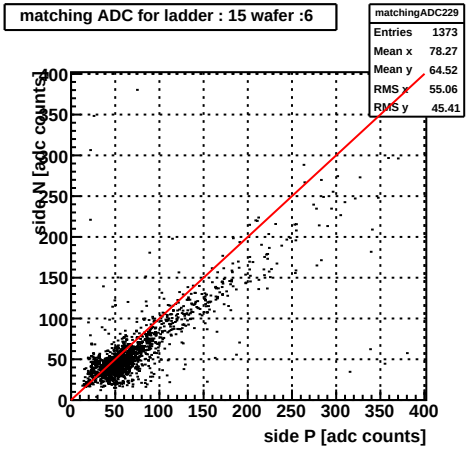

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 216
Mean x 60
Mean y 98.66
RMS x 46.8
RMS y 68.46
side N [adc counts]
side P [adc counts]

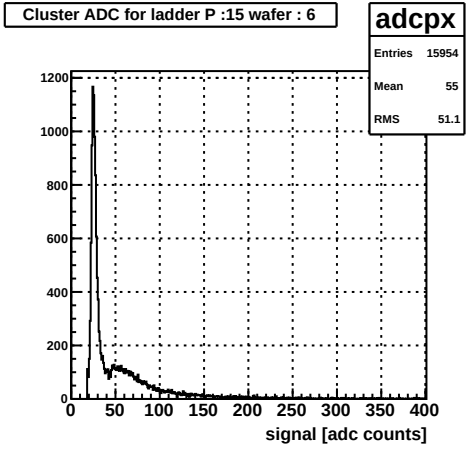

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1509
Mean 40.32
RMS 26.81
signal [adc counts]

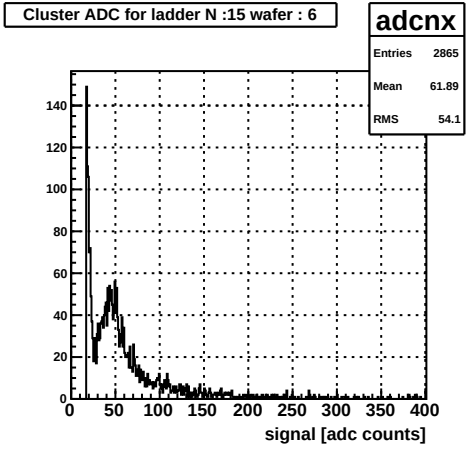

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 15413
Mean 64.31
RMS 54.51
signal [adc counts]

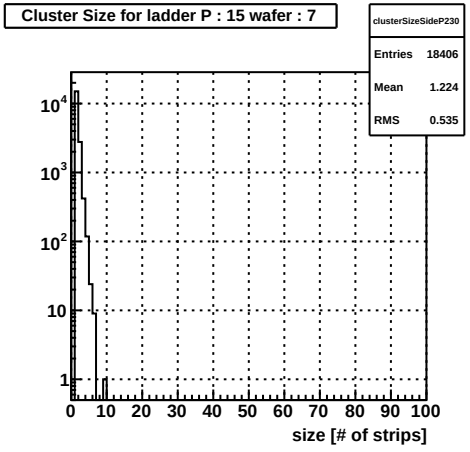

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 15954
Mean 1.165
RMS 0.4518
size [# of strips]

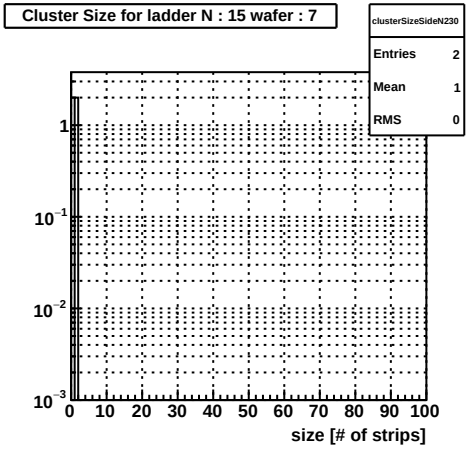

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 2865
Mean 1.413
RMS 0.7427
size [# of strips]

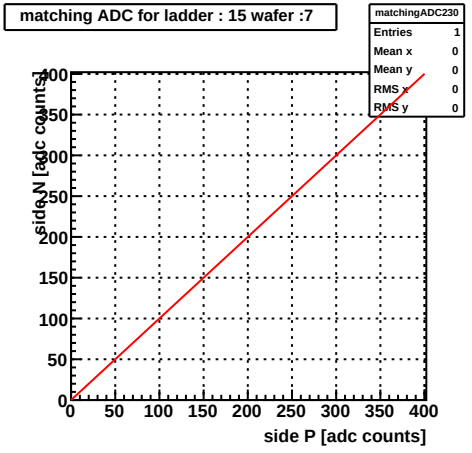

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1373
Mean x 78.27
Mean y 64.52
RMS x 55.06
RMS y 45.41
side N [adc counts]
side P [adc counts]

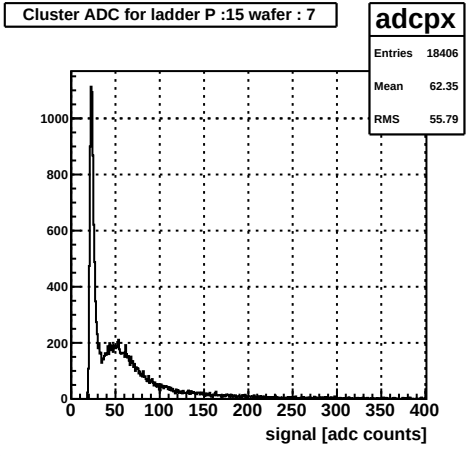

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 15954
Mean 55
RMS 51.1
signal [adc counts]

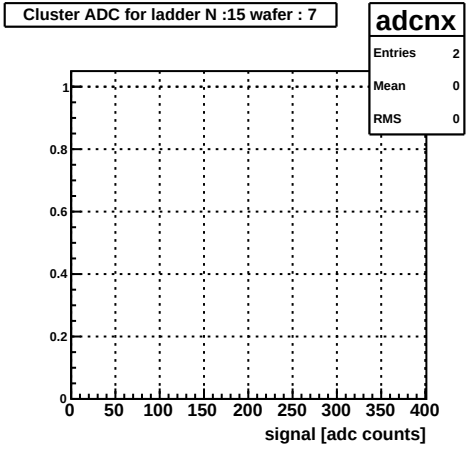

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 2865
Mean 61.89
RMS 54.1
signal [adc counts]

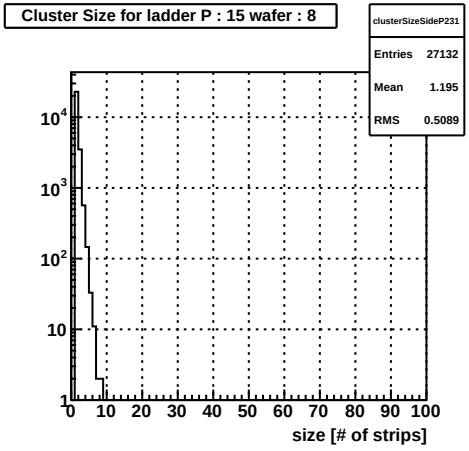

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 18406
Mean 1.224
RMS 0.535
size [# of strips]

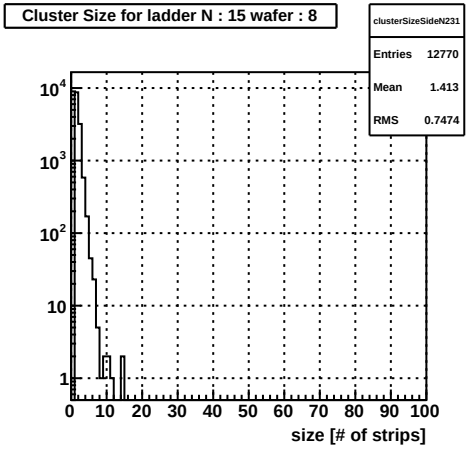

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2
Mean 1
RMS 0
size [# of strips]

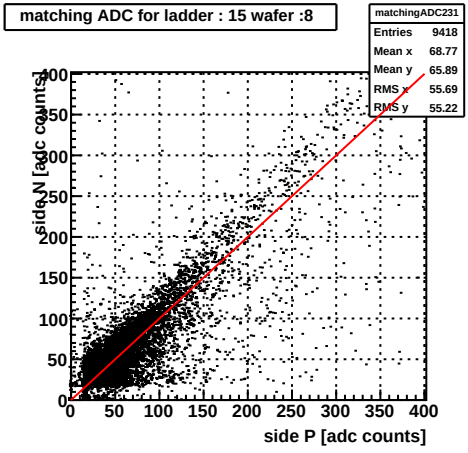

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

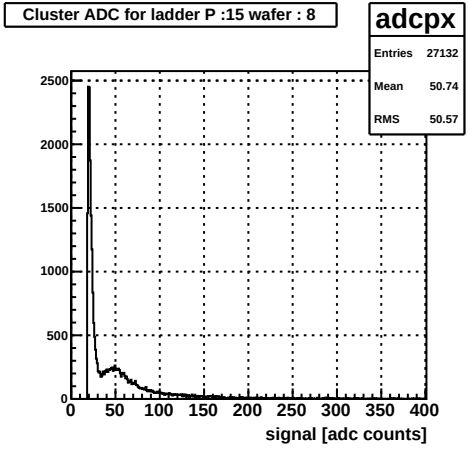

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 18406
Mean 62.35
RMS 55.79
signal [adc counts]

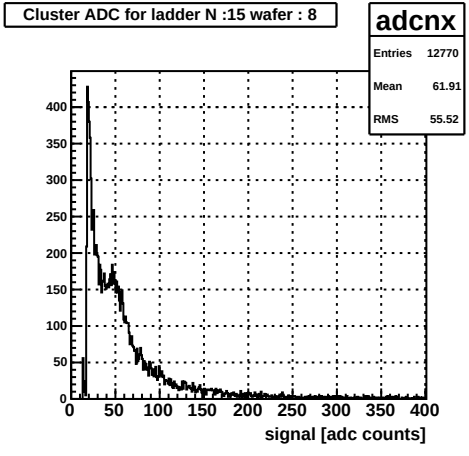

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

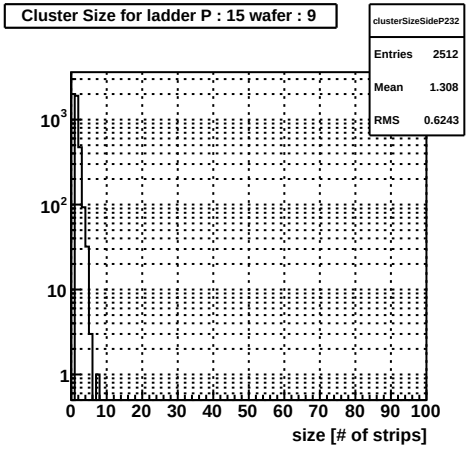

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 27132
Mean 1.195
RMS 0.5089
size [# of strips]

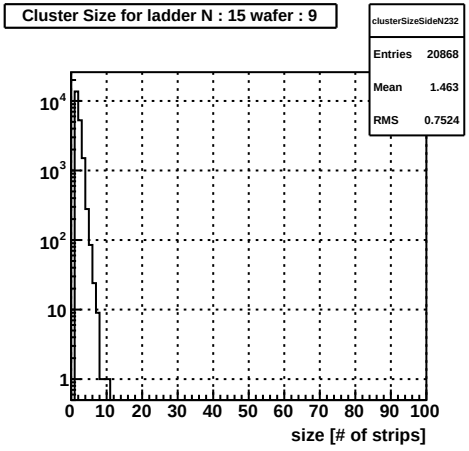

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 12770
Mean 1.413
RMS 0.7474
size [# of strips]

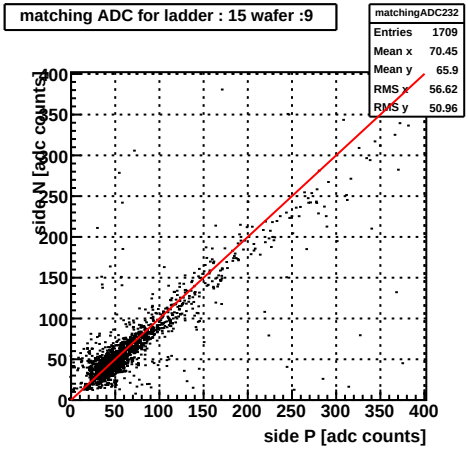

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 9418
Mean x 68.77
Mean y 65.89
RMS x 55.69
RMS y 55.22
side N [adc counts]
side P [adc counts]

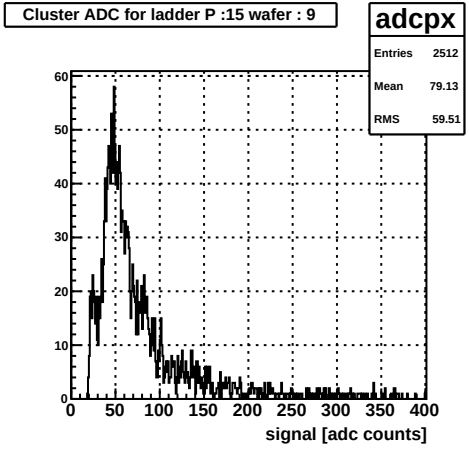

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 27132
Mean 50.74
RMS 50.57
signal [adc counts]

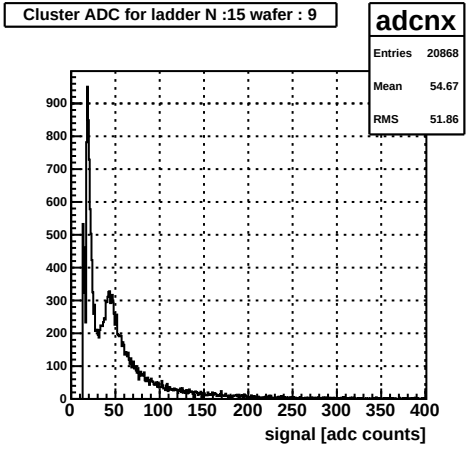

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 12770
Mean 61.91
RMS 55.52
signal [adc counts]

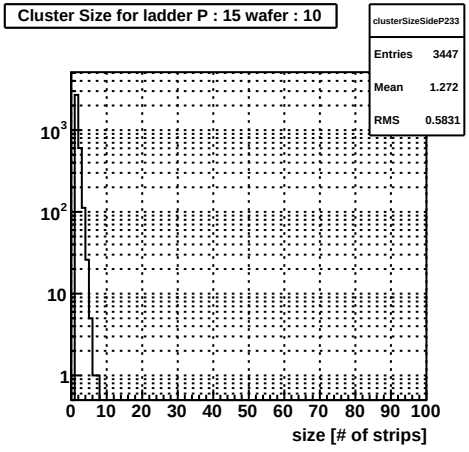

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2512
Mean 1.308
RMS 0.6243
size [# of strips]

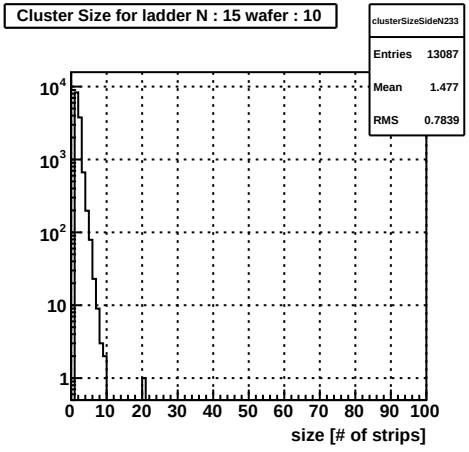

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 20868
Mean 1.463
RMS 0.7524
size [# of strips]

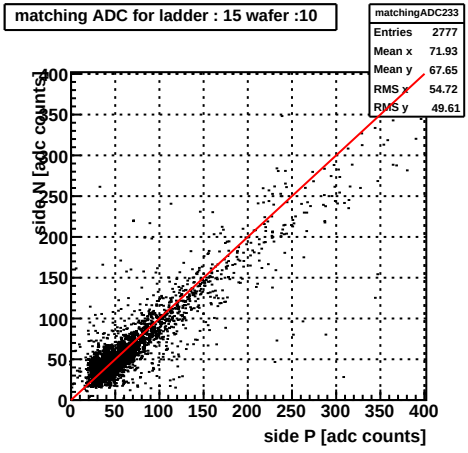

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1709
Mean x 70.45
Mean y 65.9
RMS x 56.62
RMS y 50.96
side N [adc counts]
side P [adc counts]

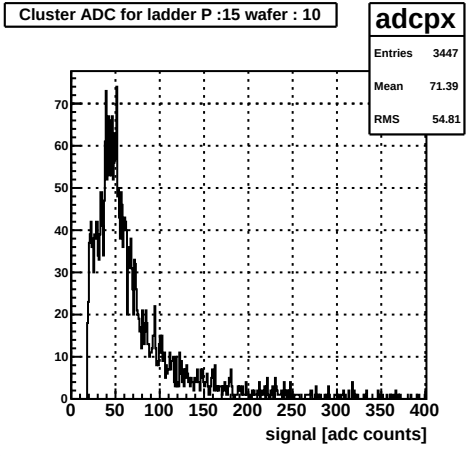

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2512
Mean 79.13
RMS 59.51
signal [adc counts]

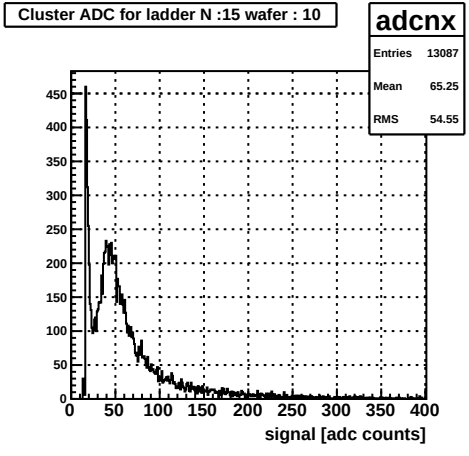

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 20868
Mean 54.67
RMS 51.86
signal [adc counts]

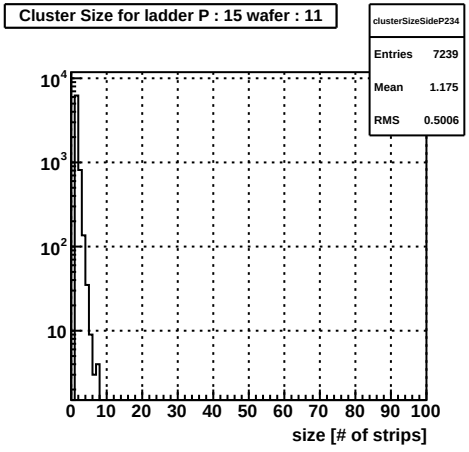

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 3447
Mean 1.272
RMS 0.5831
size [# of strips]

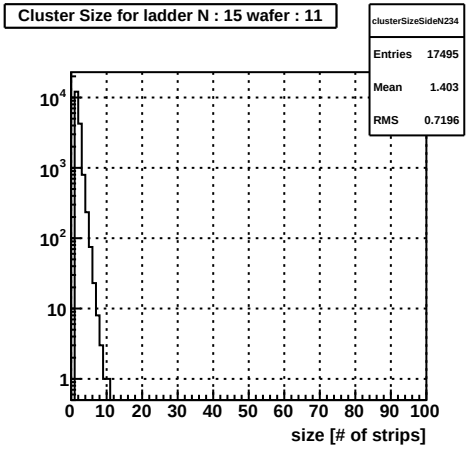

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 13087
Mean 1.477
RMS 0.7839
size [# of strips]

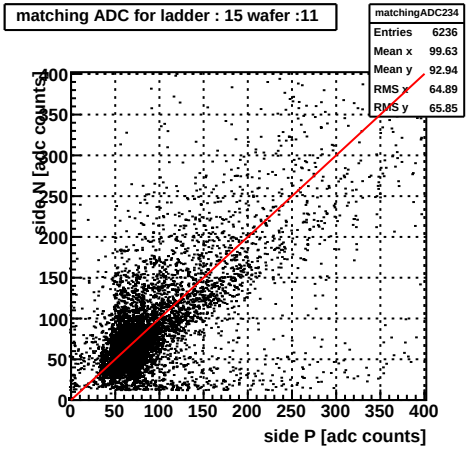

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2777
Mean x 71.93
Mean y 67.65
RMS x 54.72
RMS y 49.61
side N [adc counts]
side P [adc counts]

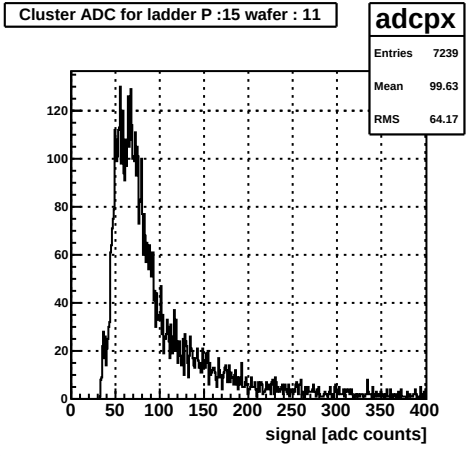

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 3447
Mean 71.39
RMS 54.81
signal [adc counts]

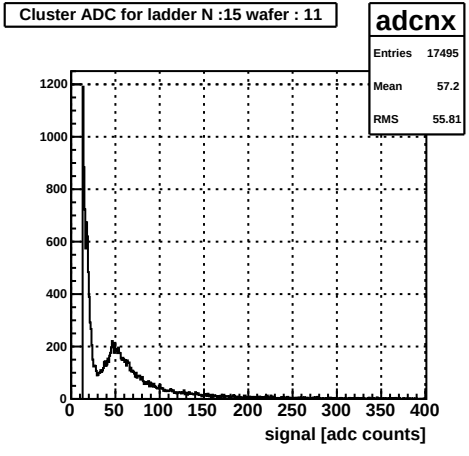

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 13087
Mean 65.25
RMS 54.55
signal [adc counts]

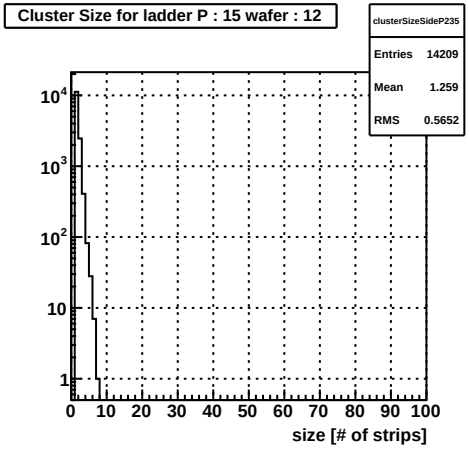

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 7239
Mean 1.175
RMS 0.5006
size [# of strips]

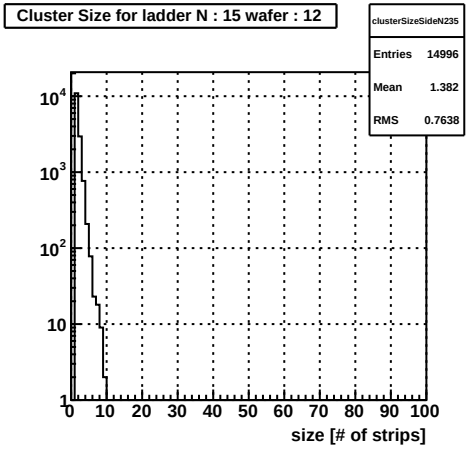

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 17495
Mean 1.403
RMS 0.7196
size [# of strips]

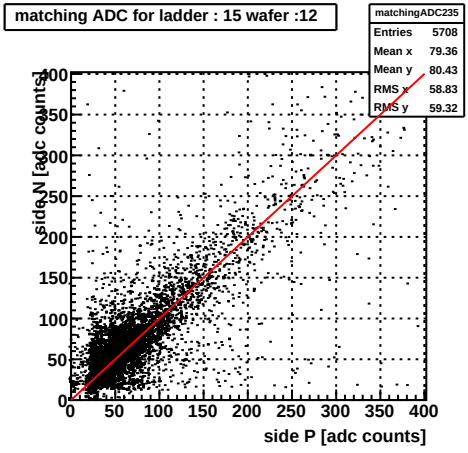

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 6236
Mean x 99.63
Mean y 92.94
RMS x 64.89
RMS y 65.85
side N [adc counts]
side P [adc counts]

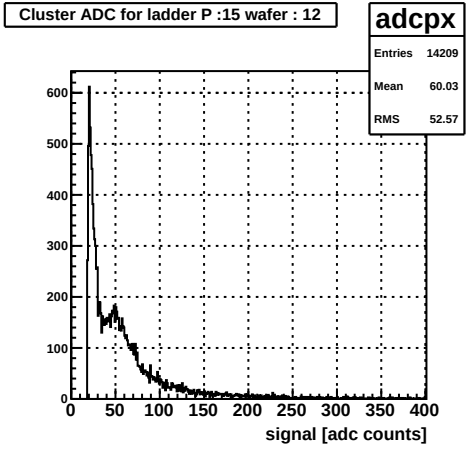

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 7239
Mean 99.63
RMS 64.17
signal [adc counts]

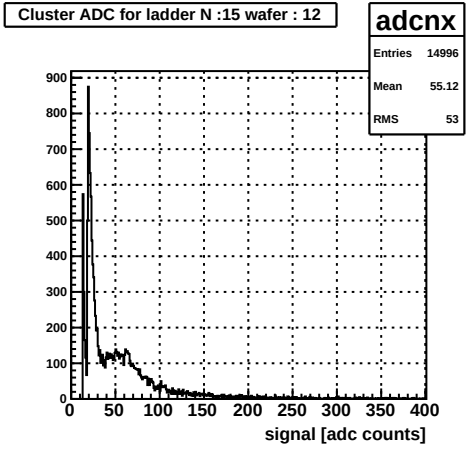

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 17495
Mean 57.2
RMS 55.81
signal [adc counts]

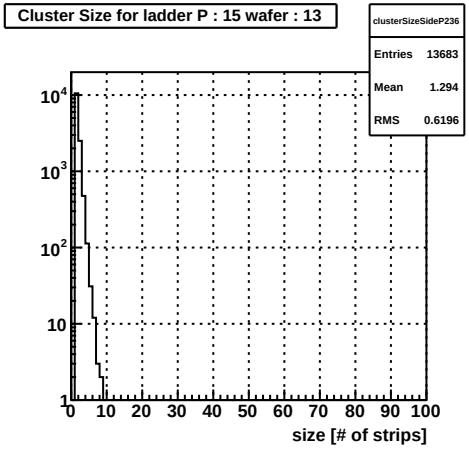

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 14209
Mean 1.259
RMS 0.5652
size [# of strips]

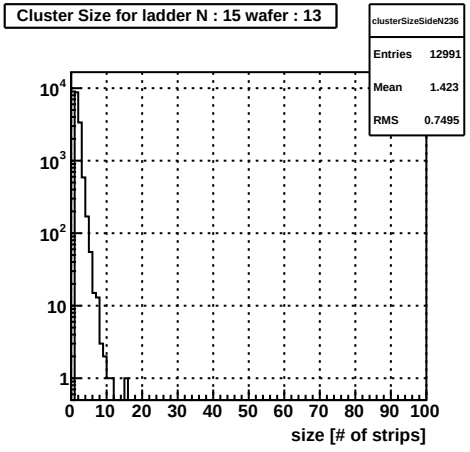

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 14996
Mean 1.382
RMS 0.7638
size [# of strips]

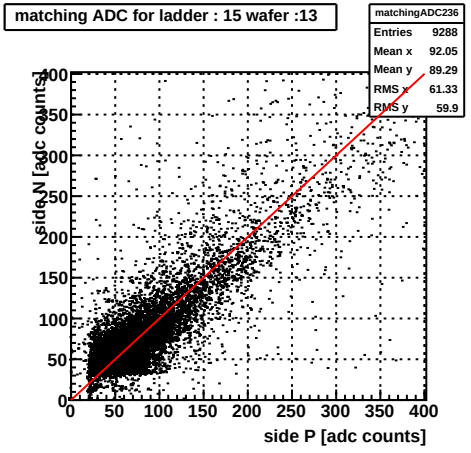

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 5708
Mean x 79.36
Mean y 80.43
RMS x 58.83
RMS y 59.32
side N [adc counts]
side P [adc counts]

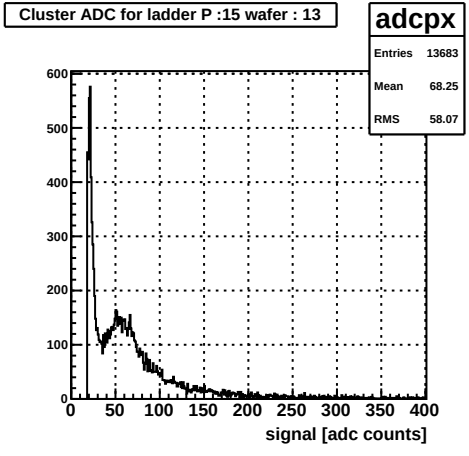

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 14209
Mean 60.03
RMS 52.57
signal [adc counts]

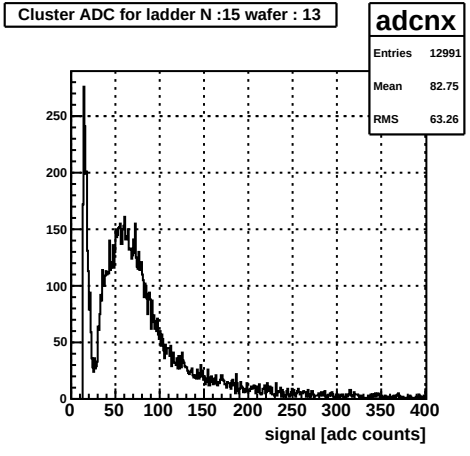

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 14996
Mean 55.12
RMS 53
signal [adc counts]

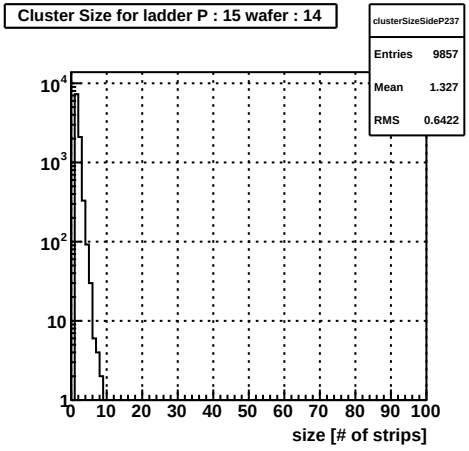

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 13683
Mean 1.294
RMS 0.6196
size [# of strips]

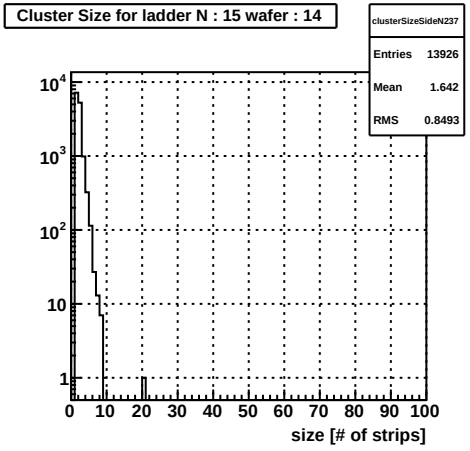

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 12991
Mean 1.423
RMS 0.7495
size [# of strips]

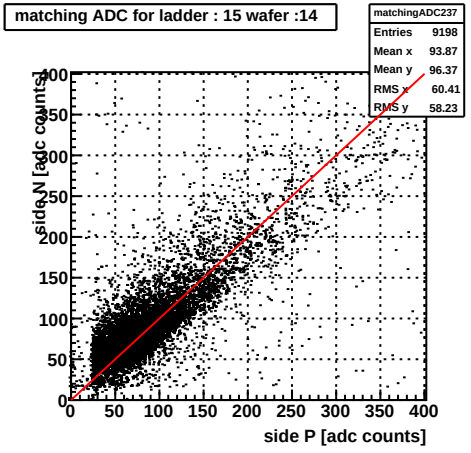

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 9288
Mean x 92.05
Mean y 89.29
RMS x 61.33
RMS y 59.9
side N [adc counts]
side P [adc counts]

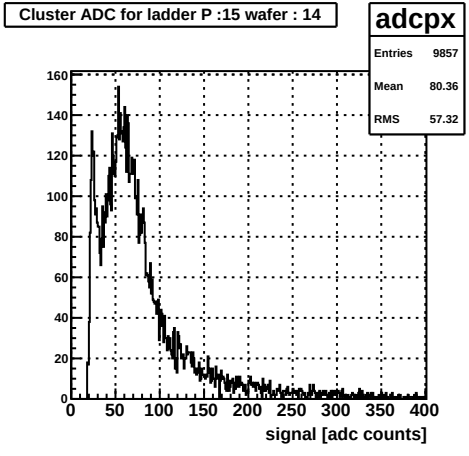

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 13683
Mean 68.25
RMS 58.07
signal [adc counts]

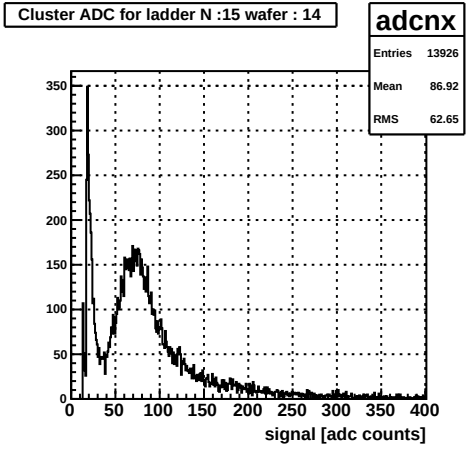

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 12991
Mean 82.75
RMS 63.26
signal [adc counts]

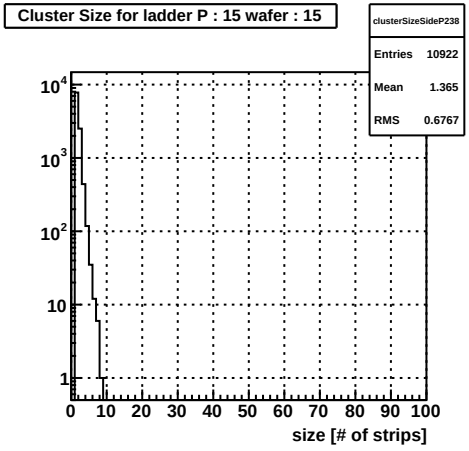

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 9857
Mean 1.327
RMS 0.6422
size [# of strips]

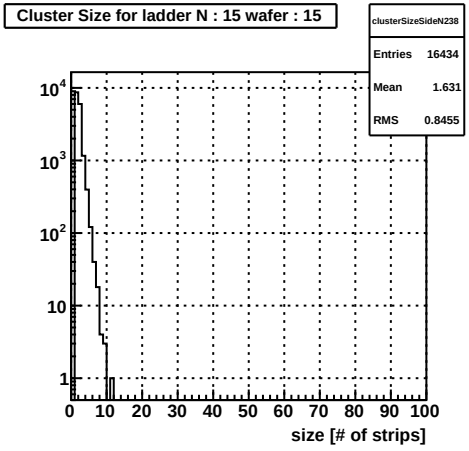

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 13926
Mean 1.642
RMS 0.8493
size [# of strips]

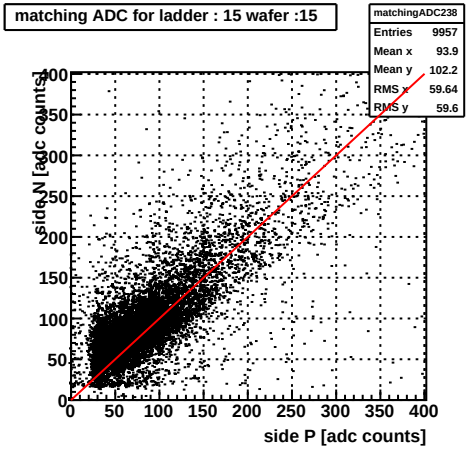

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 9198
Mean x 93.87
Mean y 96.37
RMS x 60.41
RMS y 58.23
side N [adc counts]
side P [adc counts]

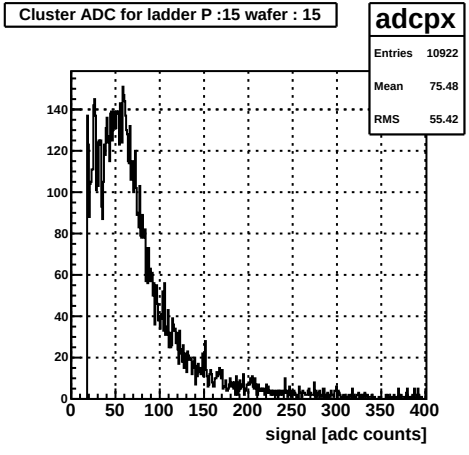

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 9857
Mean 80.36
RMS 57.32
signal [adc counts]

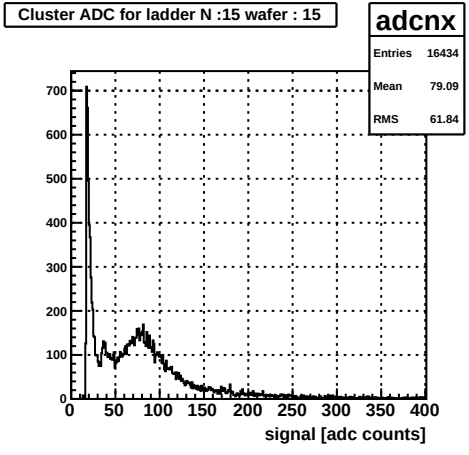

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 13926
Mean 86.92
RMS 62.65
signal [adc counts]

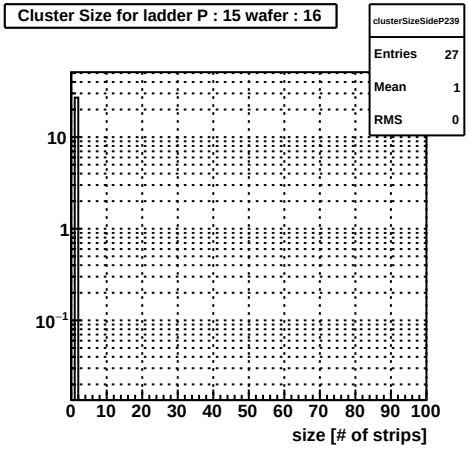

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 10922
Mean 1.365
RMS 0.6767
size [# of strips]

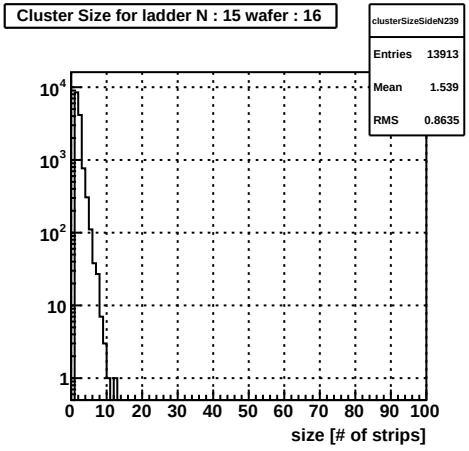

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 16434
Mean 1.631
RMS 0.8455
size [# of strips]

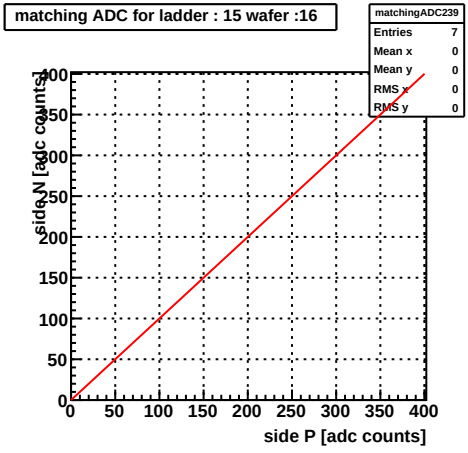

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 9957
Mean x 93.9
Mean y 102.2
RMS x 59.64
RMS y 59.6
side N [adc counts]
side P [adc counts]

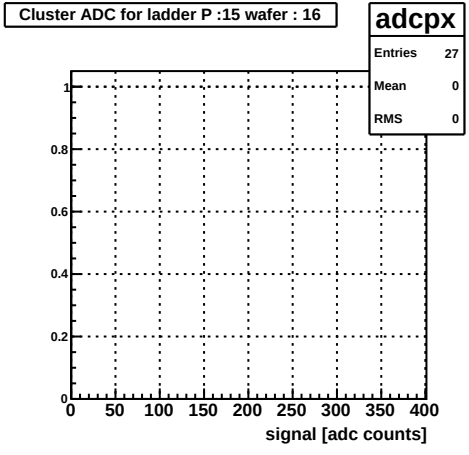

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 10922
Mean 75.48
RMS 55.42
signal [adc counts]

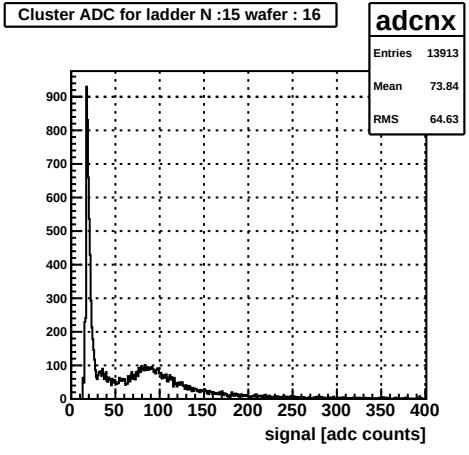

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 16434
Mean 79.09
RMS 61.84
signal [adc counts]

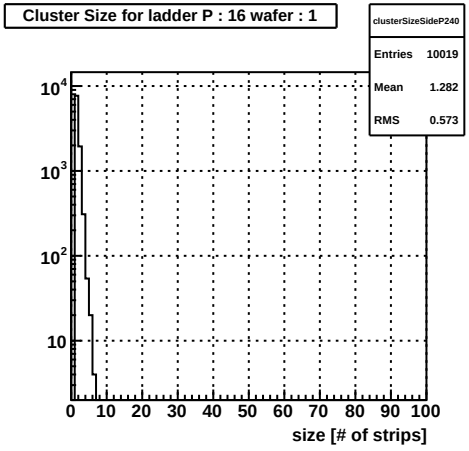

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 27
Mean 1
RMS 0
size [# of strips]

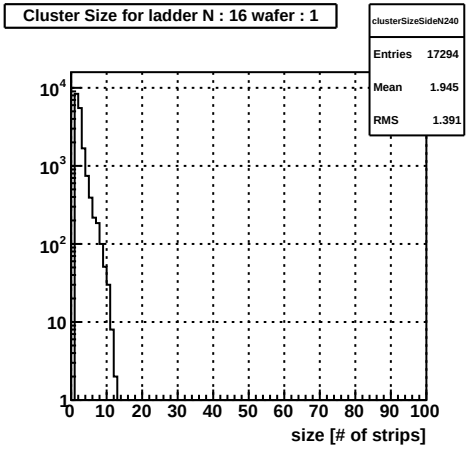

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 13913
Mean 1.539
RMS 0.8635
size [# of strips]

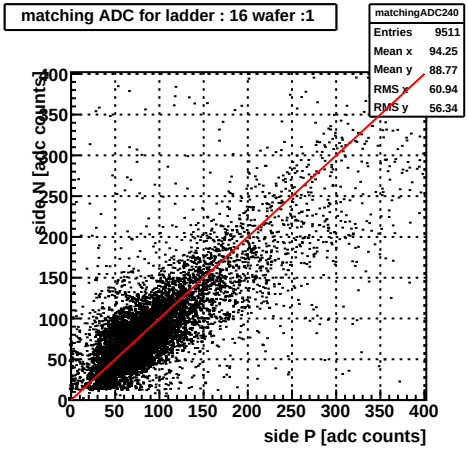

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

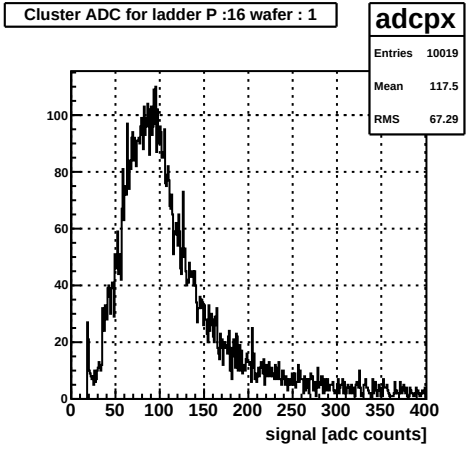

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 27
Mean 0
RMS 0
signal [adc counts]

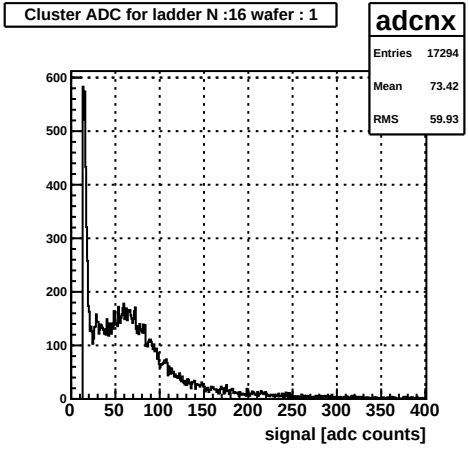

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 13913
Mean 73.84
RMS 64.63
signal [adc counts]

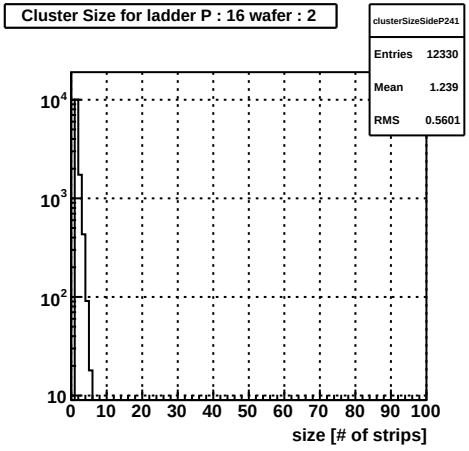

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 10019
Mean 1.282
RMS 0.573
size [# of strips]

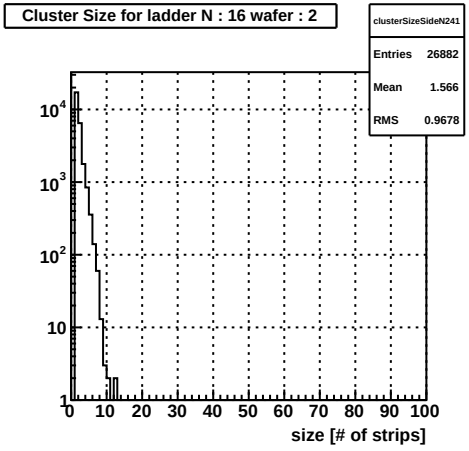

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 17294
Mean 1.945
RMS 1.391
size [# of strips]

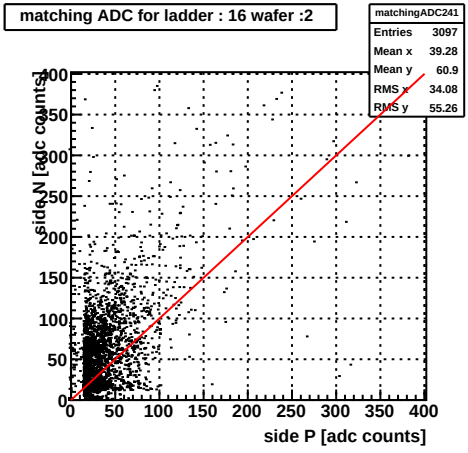

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 9511
Mean x 94.25
Mean y 88.77
RMS x 60.94
RMS y 56.34
side N [adc counts]
side P [adc counts]

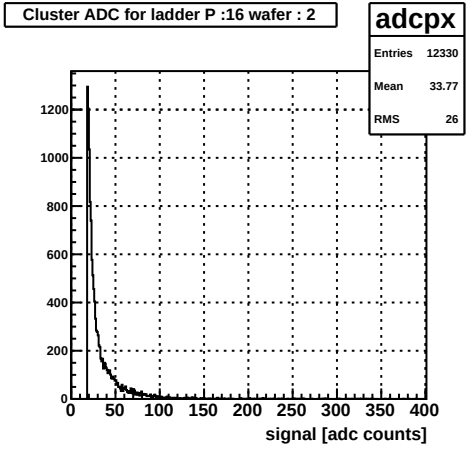

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 10019
Mean 117.5
RMS 67.29
signal [adc counts]

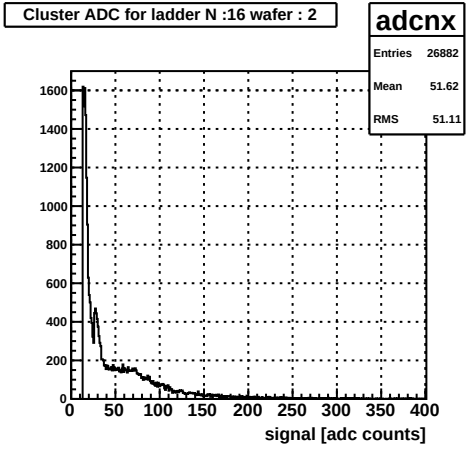

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 17294
Mean 73.42
RMS 59.93
signal [adc counts]

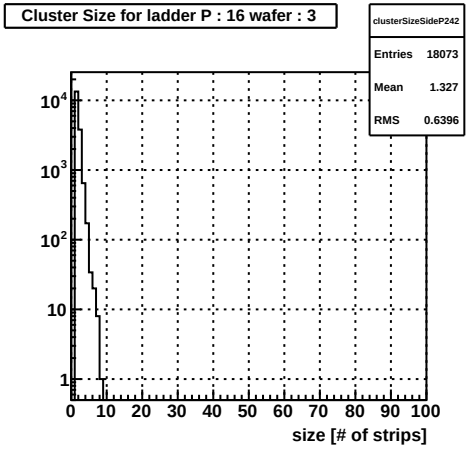

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 12330
Mean 1.239
RMS 0.5601
size [# of strips]

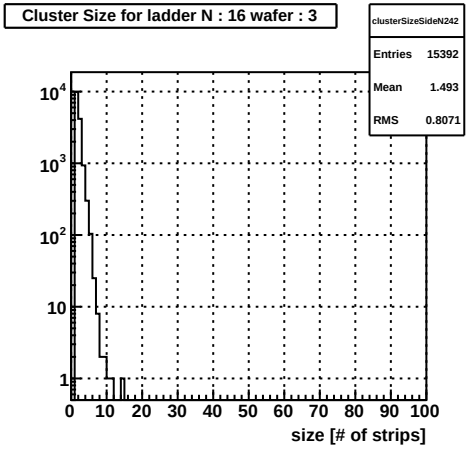

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 26882
Mean 1.566
RMS 0.9678
size [# of strips]

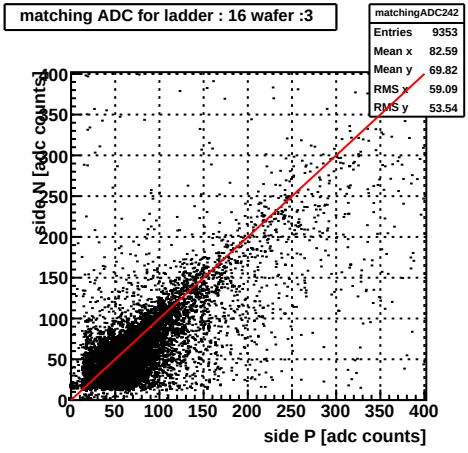

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 3097
Mean x 39.28
Mean y 60.9
RMS x 34.08
RMS y 55.26
side N [adc counts]
side P [adc counts]

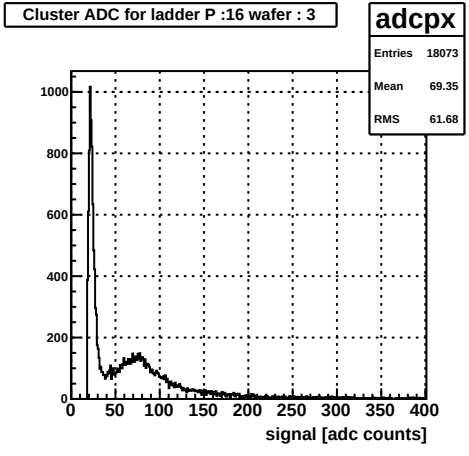

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 12330
Mean 33.77
RMS 26
signal [adc counts]

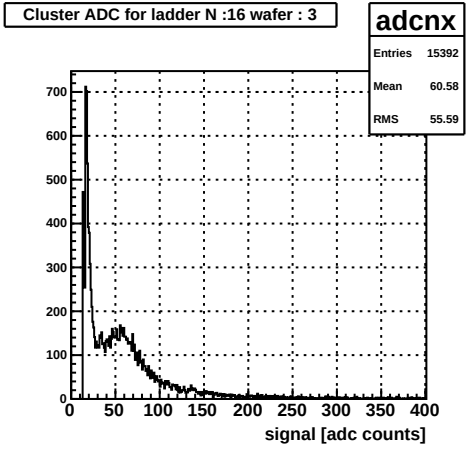

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 26882
Mean 51.62
RMS 51.11
signal [adc counts]

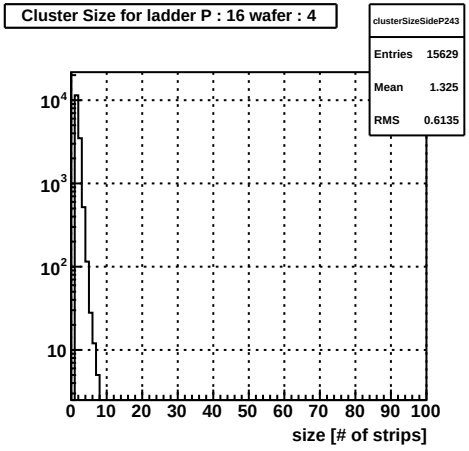

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 18073
Mean 1.327
RMS 0.6396
size [# of strips]

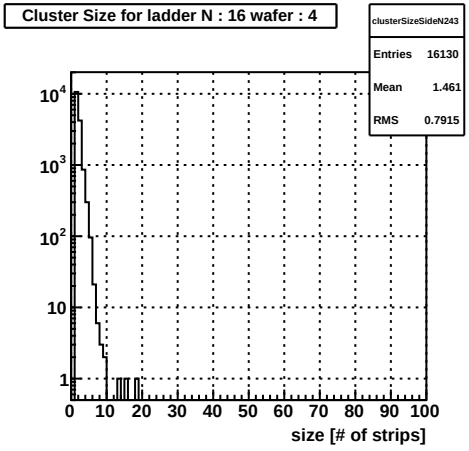

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 15392
Mean 1.493
RMS 0.8071
size [# of strips]

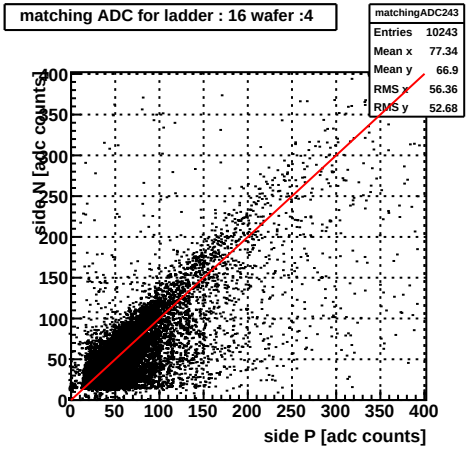

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 9353
Mean x 82.59
Mean y 69.82
RMS x 59.09
RMS y 53.54
side N [adc counts]
side P [adc counts]

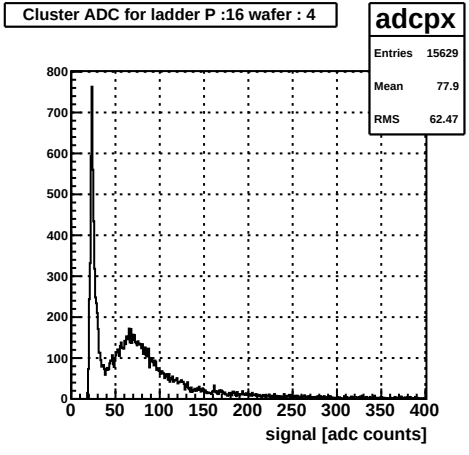

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 18073
Mean 69.35
RMS 61.68
signal [adc counts]

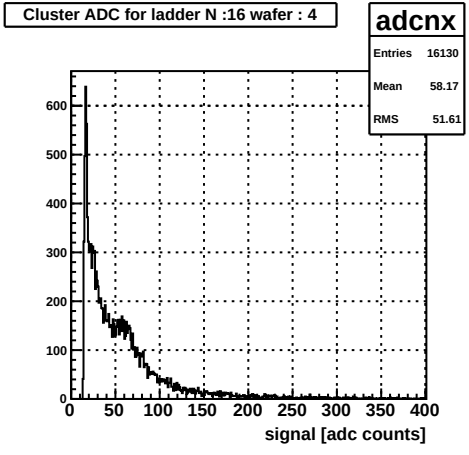

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 15392
Mean 60.58
RMS 55.59
signal [adc counts]

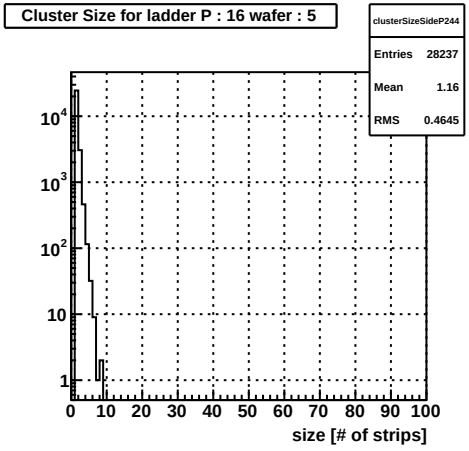

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 15629
Mean 1.325
RMS 0.6135
size [# of strips]

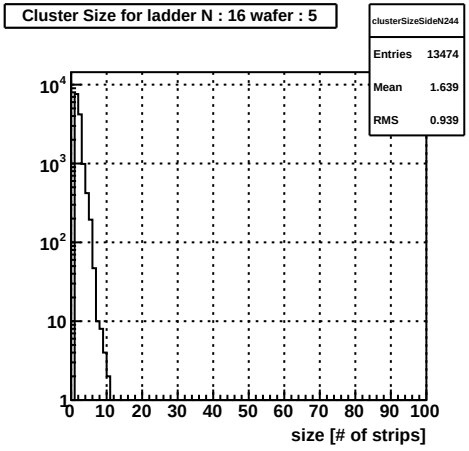

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 16130
Mean 1.461
RMS 0.7915
size [# of strips]

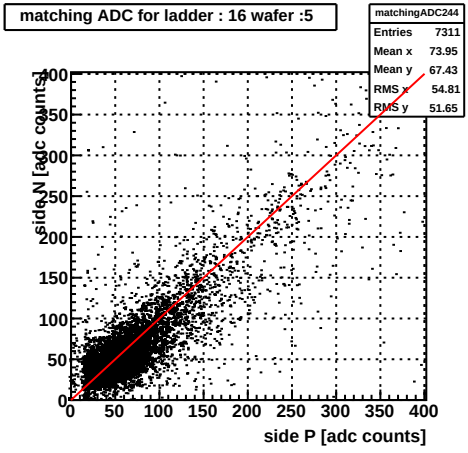

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 10243
Mean x 77.34
Mean y 66.9
RMS x 56.36
RMS y 52.68
side N [adc counts]
side P [adc counts]

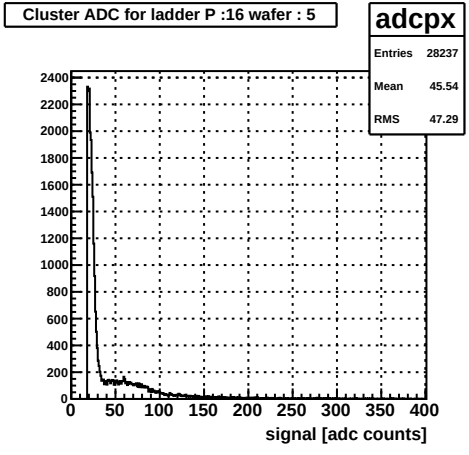

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 15629
Mean 77.9
RMS 62.47
signal [adc counts]

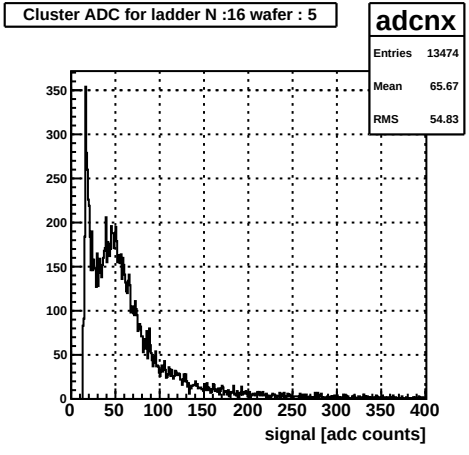

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 16130
Mean 58.17
RMS 51.61
signal [adc counts]

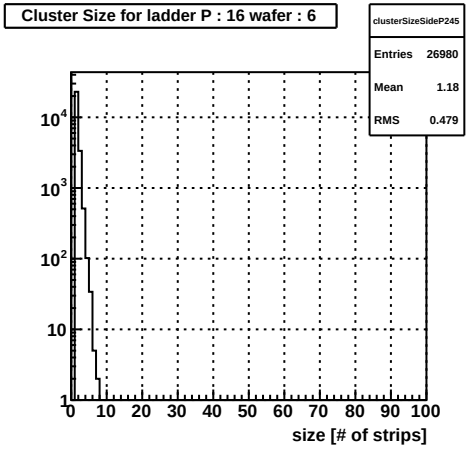

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 28237
Mean 1.16
RMS 0.4645
size [# of strips]

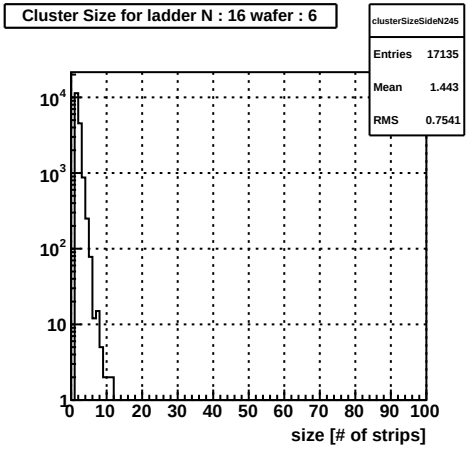

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 13474
Mean 1.639
RMS 0.939
size [# of strips]

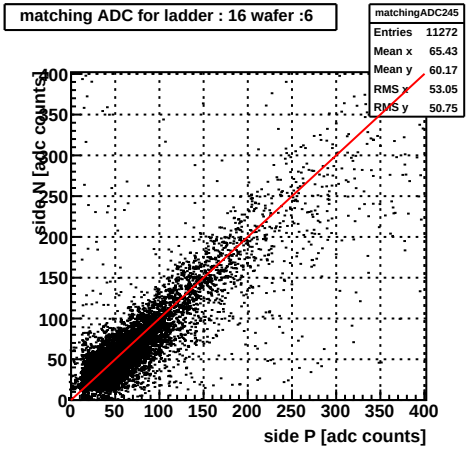

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 7311
Mean x 73.95
Mean y 67.43
RMS x 54.81
RMS y 51.65
side N [adc counts]
side P [adc counts]

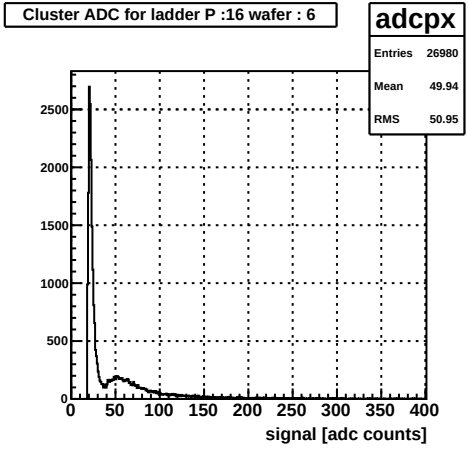

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 28237
Mean 45.54
RMS 47.29
signal [adc counts]

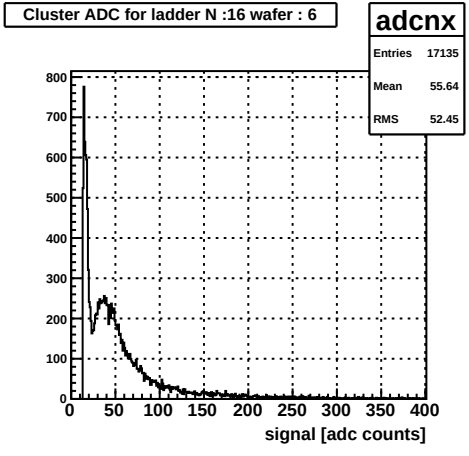

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 13474
Mean 65.67
RMS 54.83
signal [adc counts]

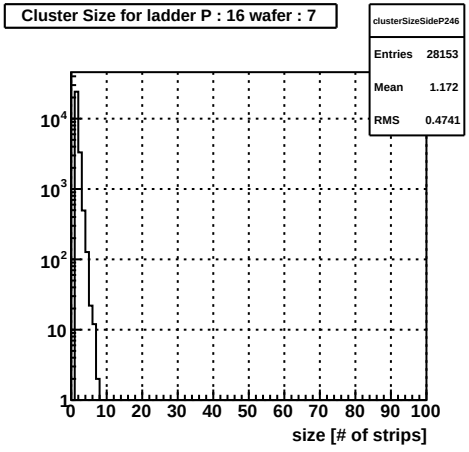

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 26980
Mean 1.18
RMS 0.479
size [# of strips]

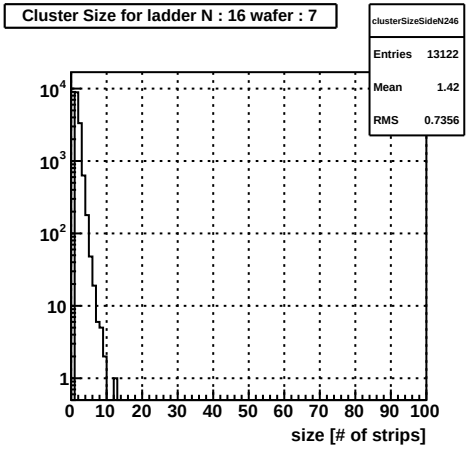

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 17135
Mean 1.443
RMS 0.7541
size [# of strips]

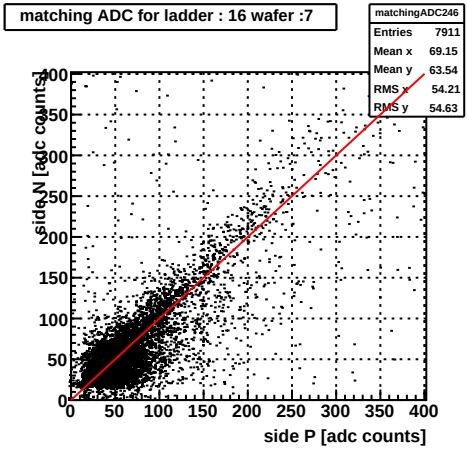

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 11272
Mean x 65.43
Mean y 60.17
RMS x 53.05
RMS y 50.75
side N [adc counts]
side P [adc counts]

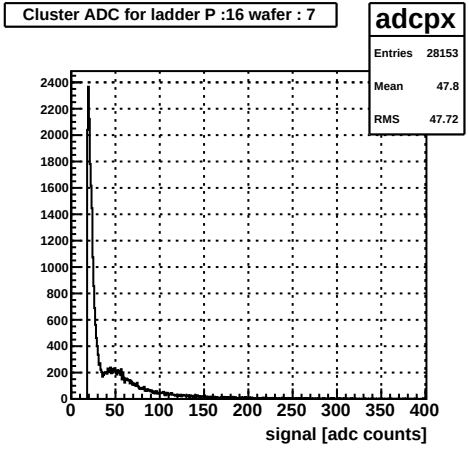

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 26980
Mean 49.94
RMS 50.95
signal [adc counts]

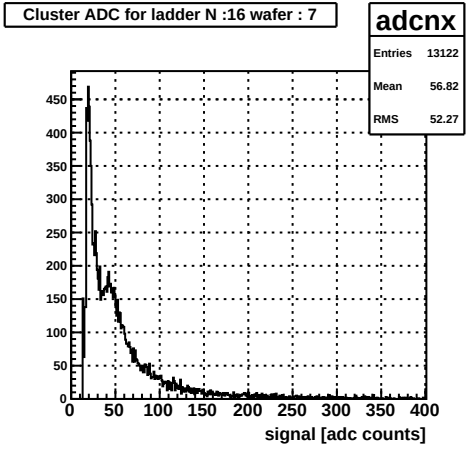

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 17135
Mean 55.64
RMS 52.45
signal [adc counts]

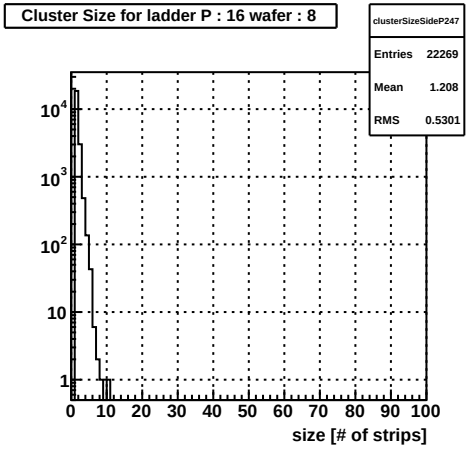

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 28153
Mean 1.172
RMS 0.4741
size [# of strips]

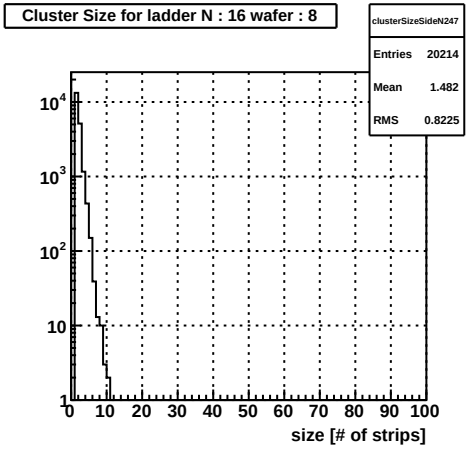

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 13122
Mean 1.42
RMS 0.7356
size [# of strips]

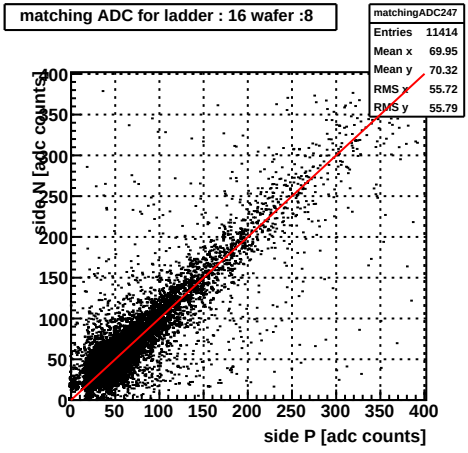

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7911
Mean x 69.15
Mean y 63.54
RMS x 54.21
RMS y 54.63
side N [adc counts]
side P [adc counts]

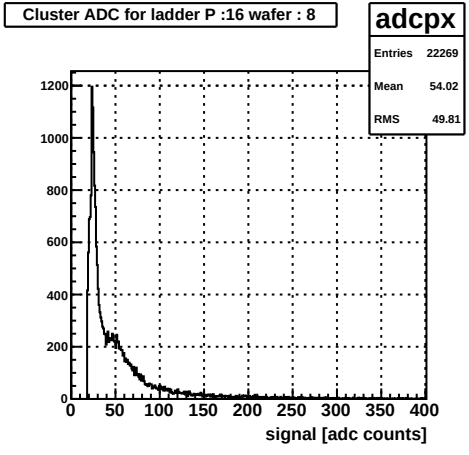

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 28153
Mean 47.8
RMS 47.72
signal [adc counts]

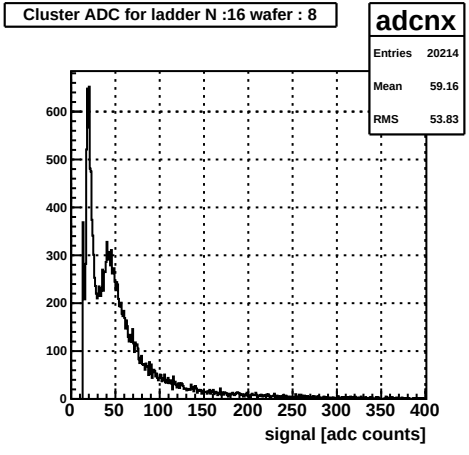

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 13122
Mean 56.82
RMS 52.27
signal [adc counts]

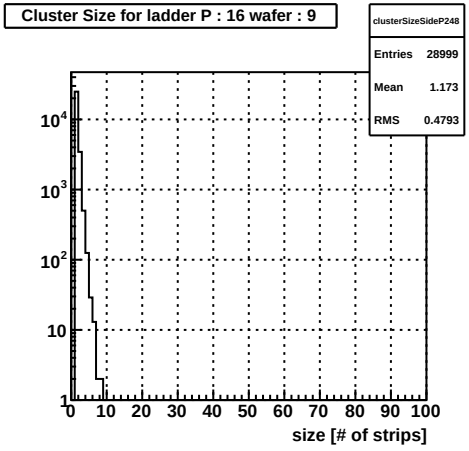

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 22269
Mean 1.208
RMS 0.5301
size [# of strips]

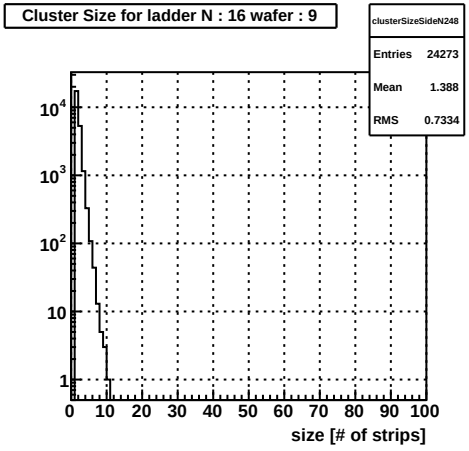

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 20214
Mean 1.482
RMS 0.8225
size [# of strips]

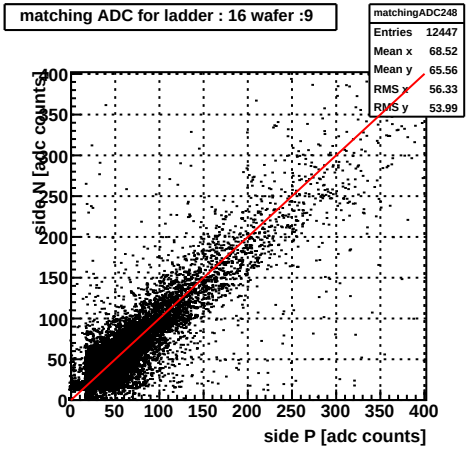

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 11414
Mean x 69.95
Mean y 70.32
RMS x 55.72
RMS y 55.79
side N [adc counts]
side P [adc counts]

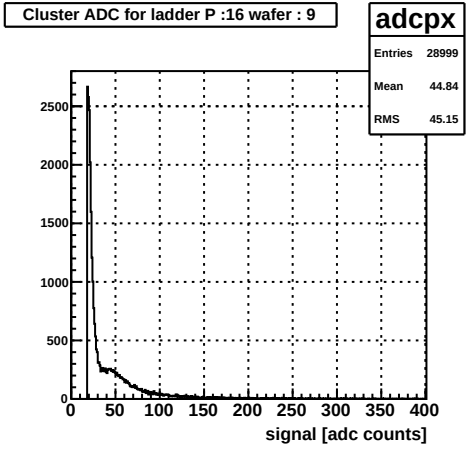

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 22269
Mean 54.02
RMS 49.81
signal [adc counts]

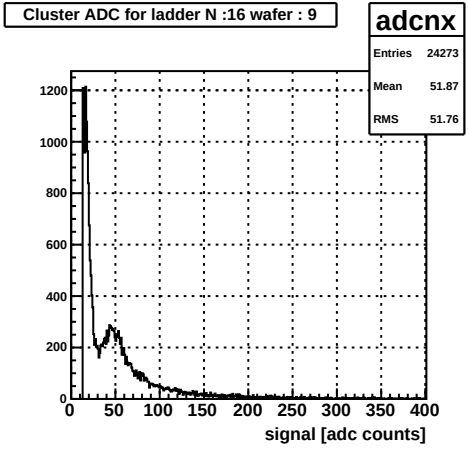

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 20214
Mean 59.16
RMS 53.83
signal [adc counts]

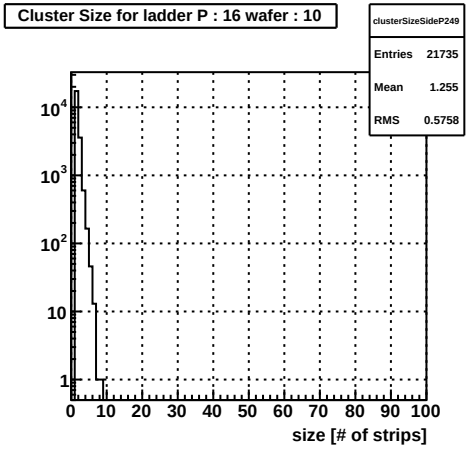

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 28999
Mean 1.173
RMS 0.4793
size [# of strips]

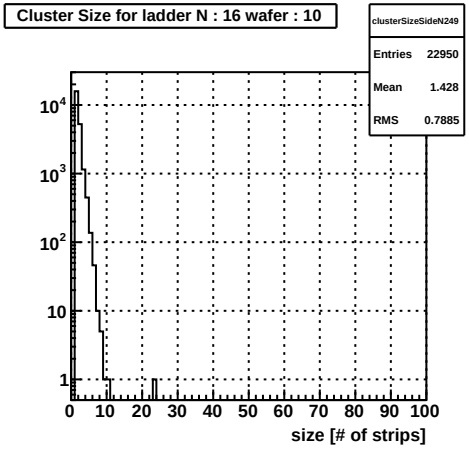

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 24273
Mean 1.388
RMS 0.7334
size [# of strips]

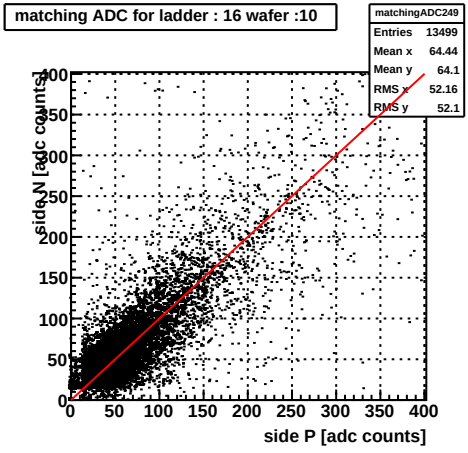

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 12447
Mean x 68.52
Mean y 65.56
RMS x 56.33
RMS y 53.99
side N [adc counts]
side P [adc counts]

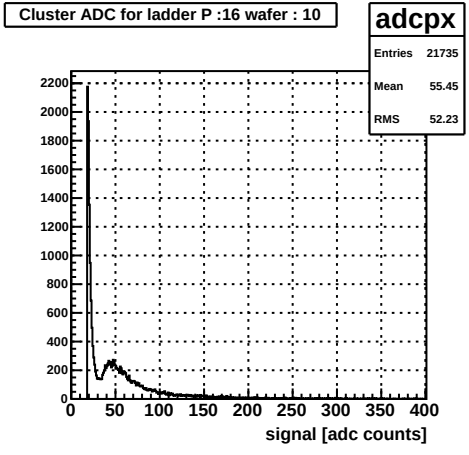

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 28999
Mean 44.84
RMS 45.15
signal [adc counts]

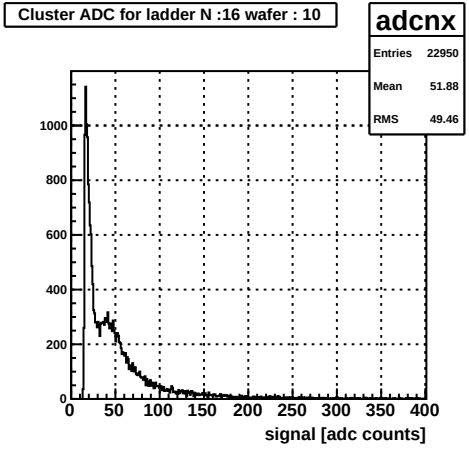

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 24273
Mean 51.87
RMS 51.76
signal [adc counts]

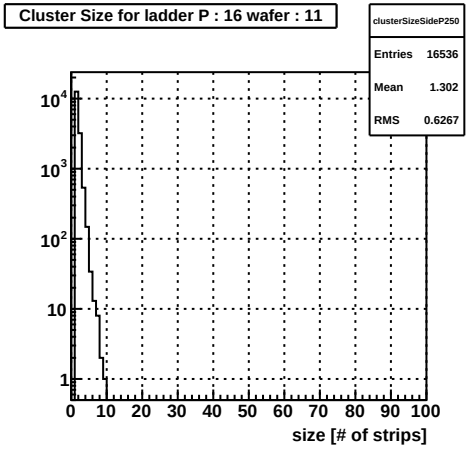

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 21735
Mean 1.255
RMS 0.5758
size [# of strips]

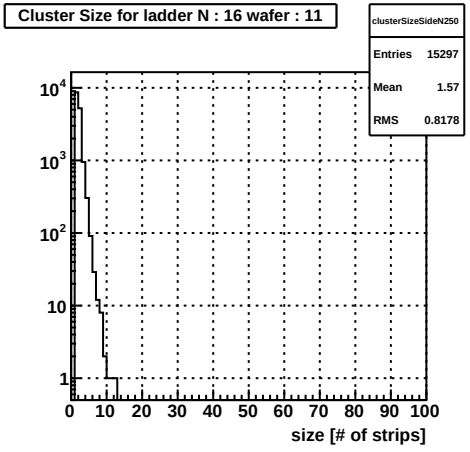

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 22950
Mean 1.428
RMS 0.7885
size [# of strips]

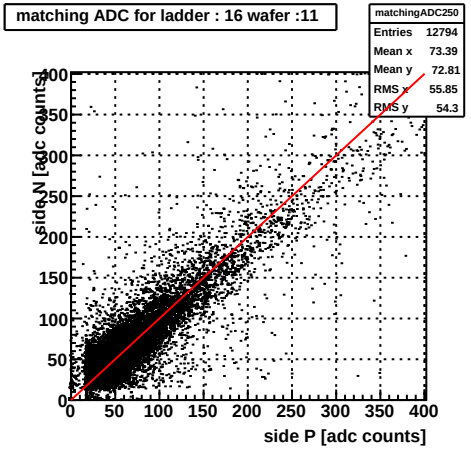

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 13499
Mean x 64.44
Mean y 64.1
RMS x 52.16
RMS y 52.1
side N [adc counts]
side P [adc counts]

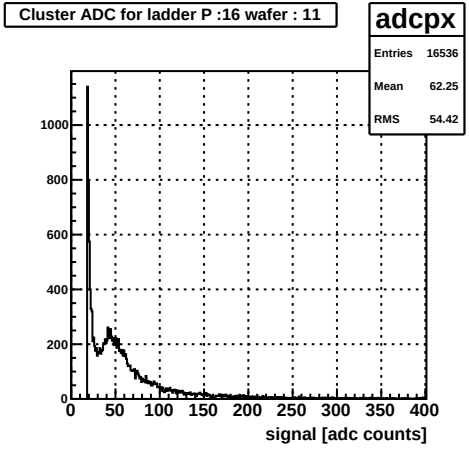

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 21735
Mean 55.45
RMS 52.23
signal [adc counts]

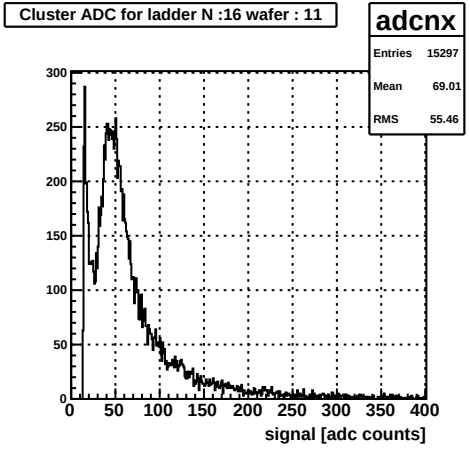

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 22950
Mean 51.88
RMS 49.46
signal [adc counts]

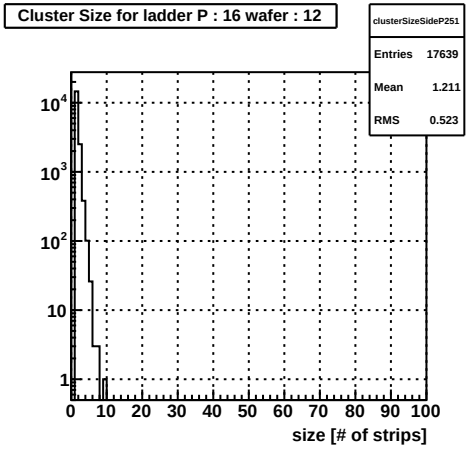

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 16536
Mean 1.302
RMS 0.6267
size [# of strips]

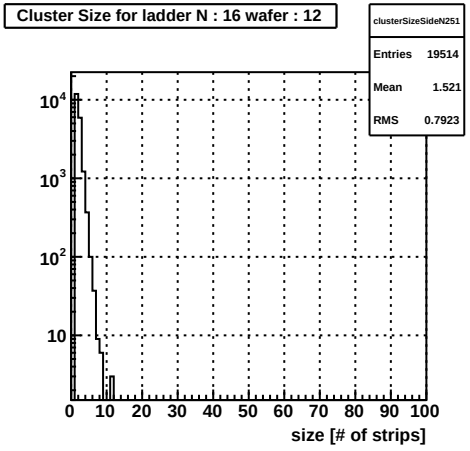

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 15297
Mean 1.57
RMS 0.8178
size [# of strips]

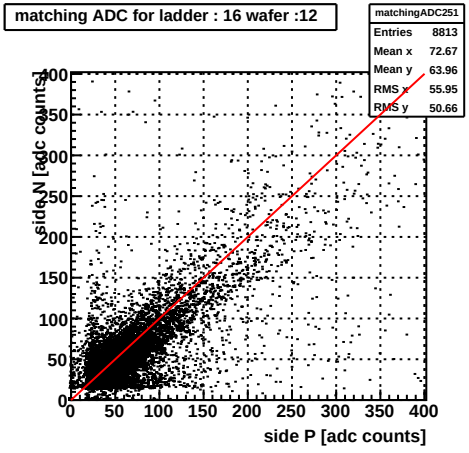

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 12794
Mean x 73.39
Mean y 72.81
RMS x 55.85
RMS y 54.3
side N [adc counts]
side P [adc counts]

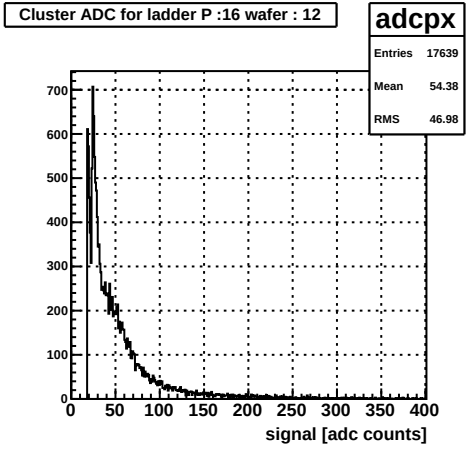

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 16536
Mean 62.25
RMS 54.42
signal [adc counts]

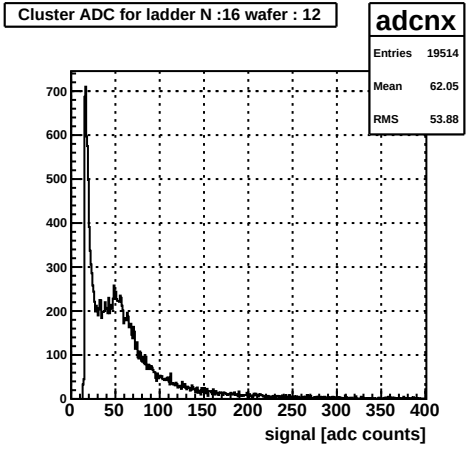

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 15297
Mean 69.01
RMS 55.46
signal [adc counts]

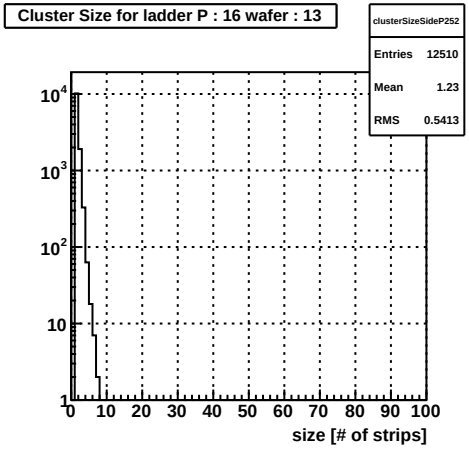

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 17639
Mean 1.211
RMS 0.523
size [# of strips]

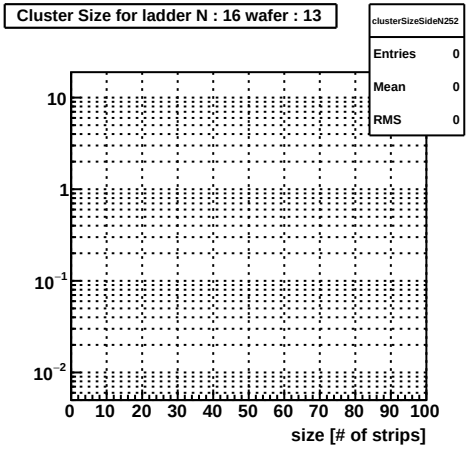

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 19514
Mean 1.521
RMS 0.7923
size [# of strips]

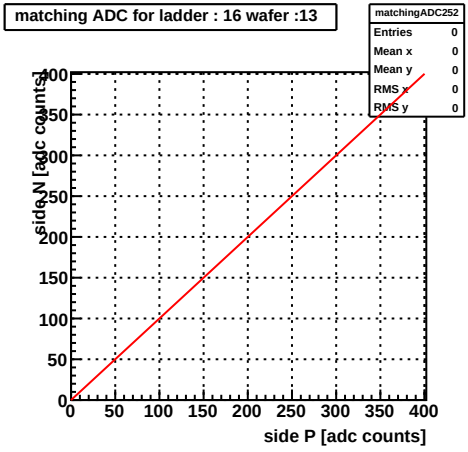

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 8813
Mean x 72.67
Mean y 63.96
RMS x 55.95
RMS y 50.66
side N [adc counts]
side P [adc counts]

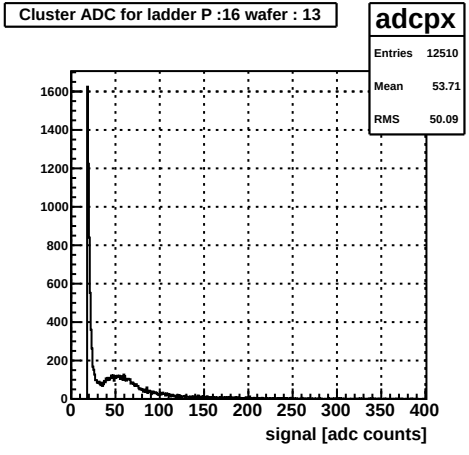

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 17639
Mean 54.38
RMS 46.98
signal [adc counts]

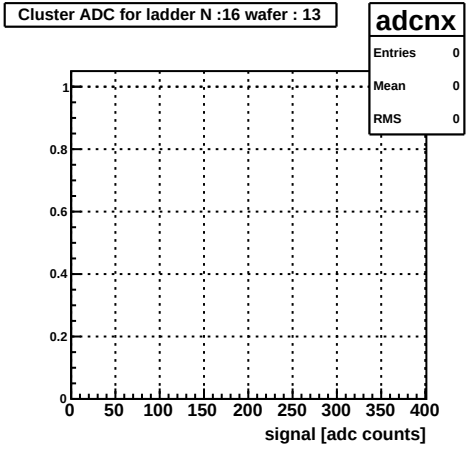

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 19514
Mean 62.05
RMS 53.88
signal [adc counts]

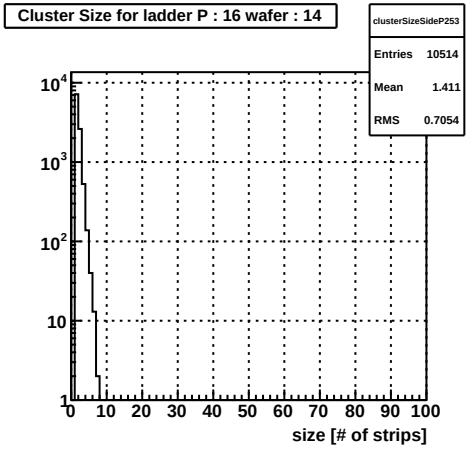

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 12510
Mean 1.23
RMS 0.5413
size [# of strips]

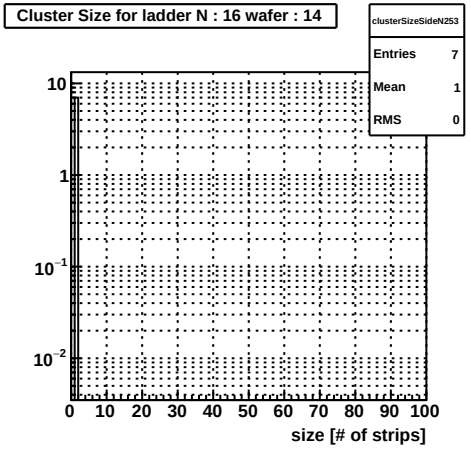

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

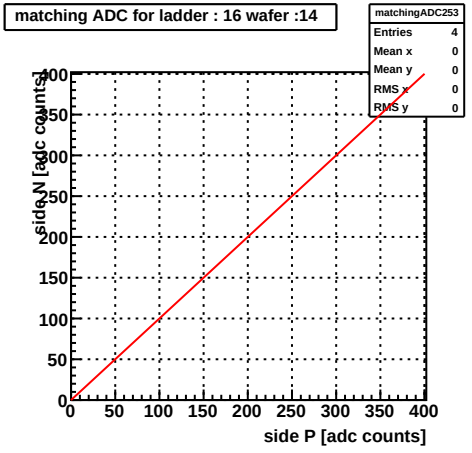

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

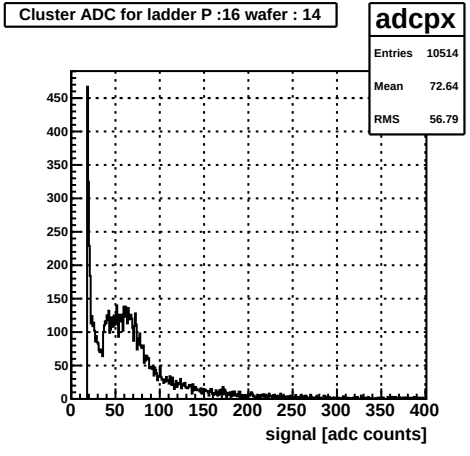

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 12510
Mean 53.71
RMS 50.09
signal [adc counts]

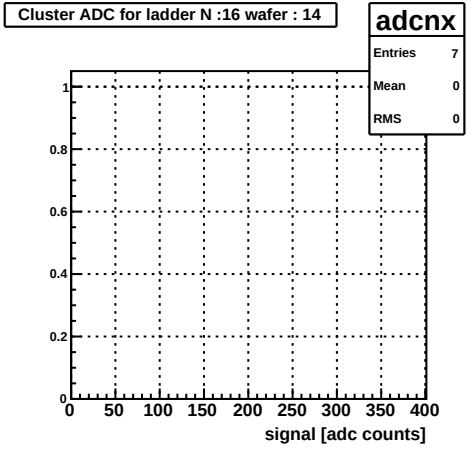

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

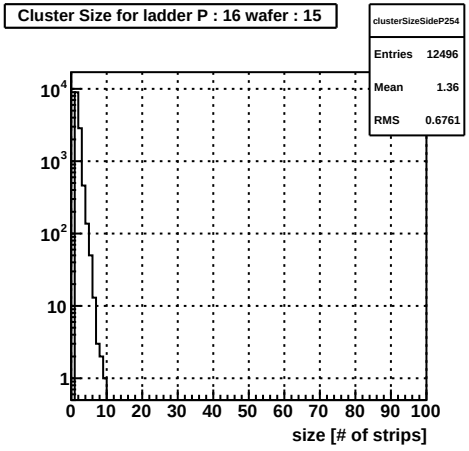

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 10514
Mean 1.411
RMS 0.7054
size [# of strips]

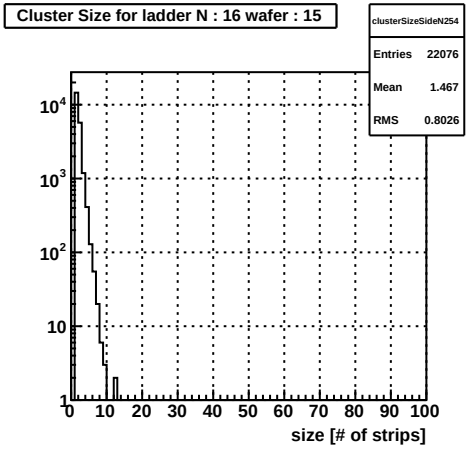

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 7
Mean 1
RMS 0
size [# of strips]

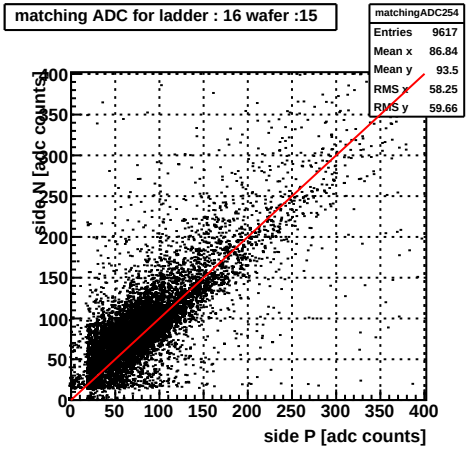

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

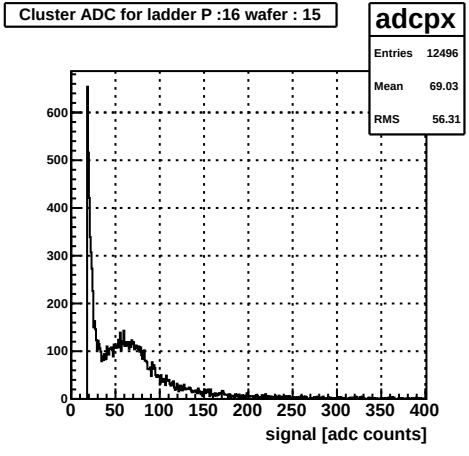

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 10514
Mean 72.64
RMS 56.79
signal [adc counts]

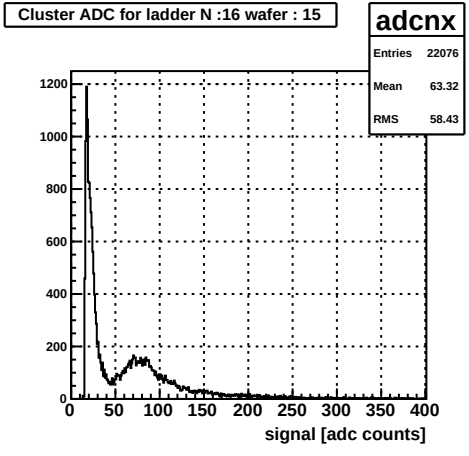

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 7
Mean 0
RMS 0
signal [adc counts]

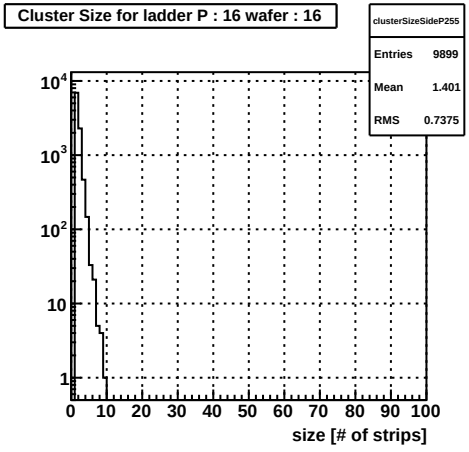

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 12496
Mean 1.36
RMS 0.6761
size [# of strips]

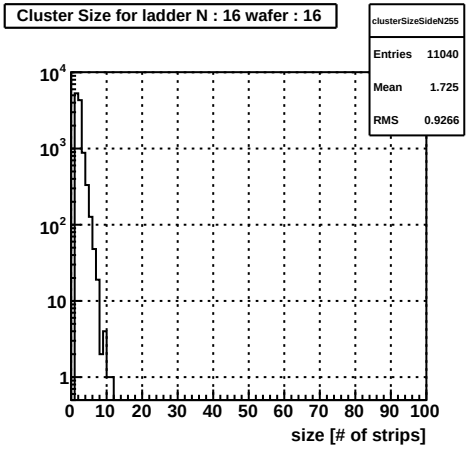

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 22076
Mean 1.467
RMS 0.8026
size [# of strips]

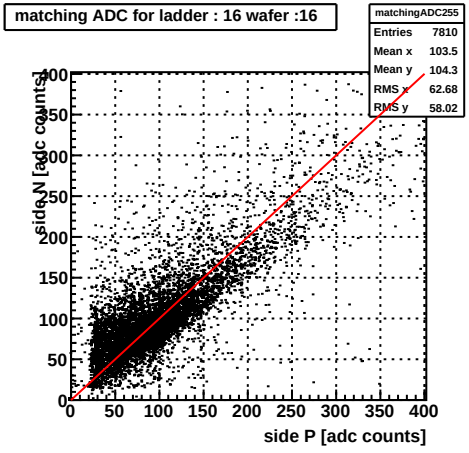

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 9617
Mean x 86.84
Mean y 93.5
RMS x 58.25
RMS y 59.66
side N [adc counts]
side P [adc counts]

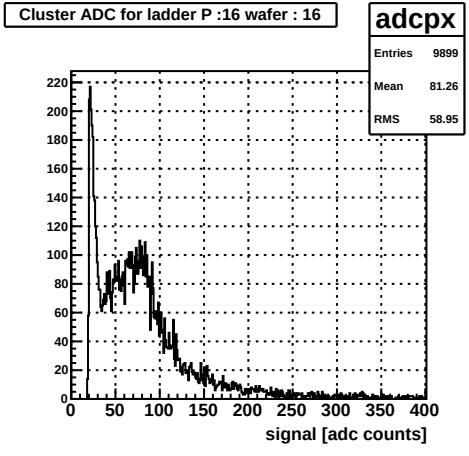

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 12496
Mean 69.03
RMS 56.31
signal [adc counts]

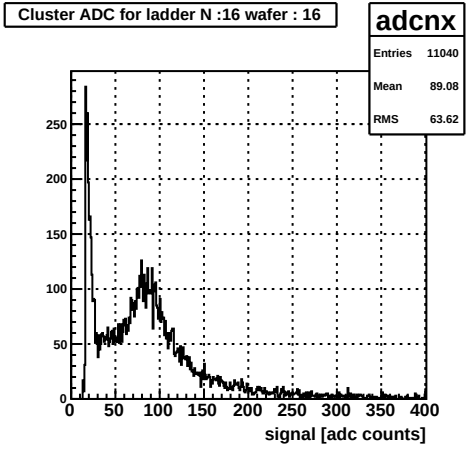

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 22076
Mean 63.32
RMS 58.43
signal [adc counts]

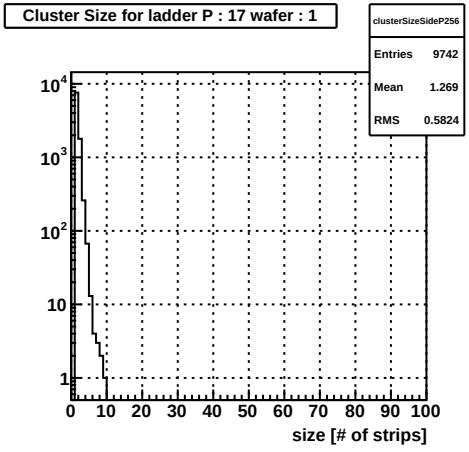

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 9899
Mean 1.401
RMS 0.7375
size [# of strips]

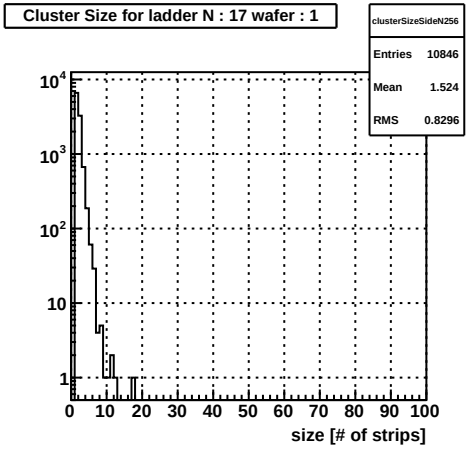

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 11040
Mean 1.725
RMS 0.9266
size [# of strips]

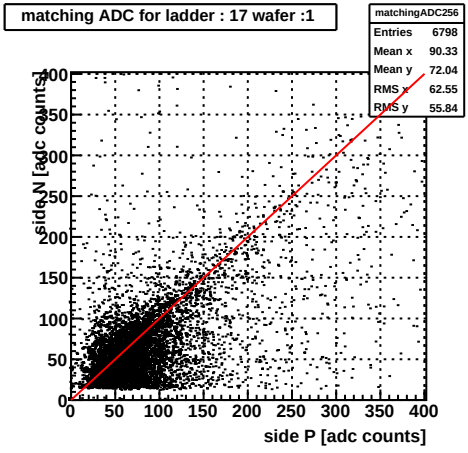

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 7810
Mean x 103.5
Mean y 104.3
RMS x 62.68
RMS y 58.02
side N [adc counts]
side P [adc counts]

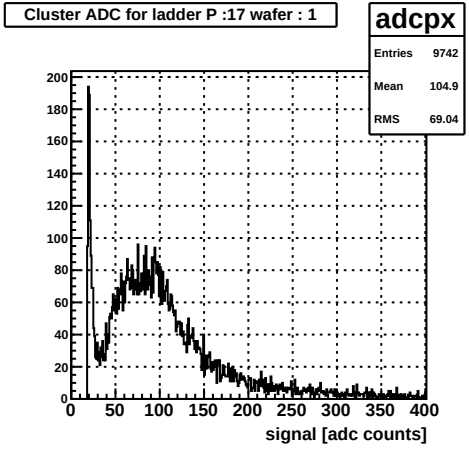

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 9899
Mean 81.26
RMS 58.95
signal [adc counts]

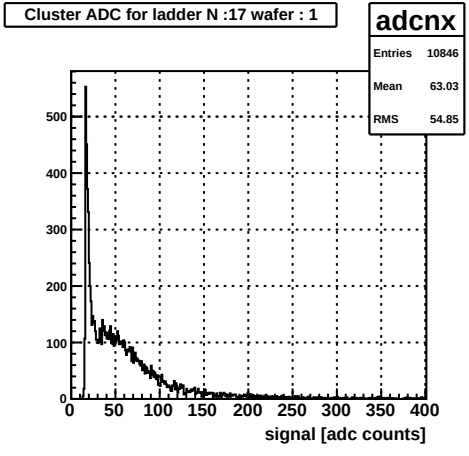

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 11040
Mean 89.08
RMS 63.62
signal [adc counts]

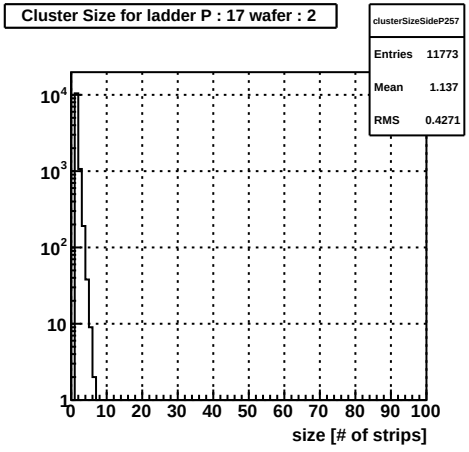

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 9742
Mean 1.269
RMS 0.5824
size [# of strips]

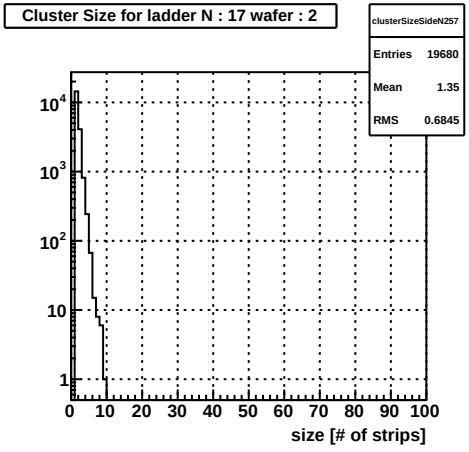

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 10846
Mean 1.524
RMS 0.8296
size [# of strips]

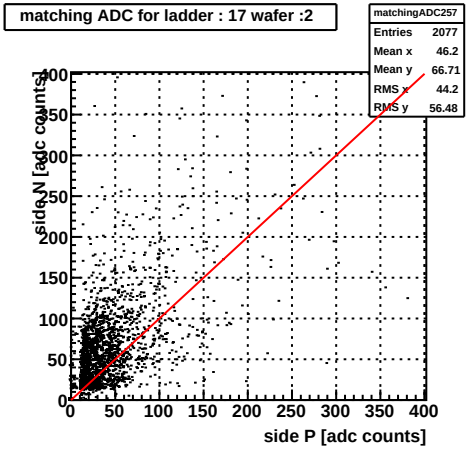

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 6798
Mean x 90.33
Mean y 72.04
RMS x 62.55
RMS y 55.84
side N [adc counts]
side P [adc counts]

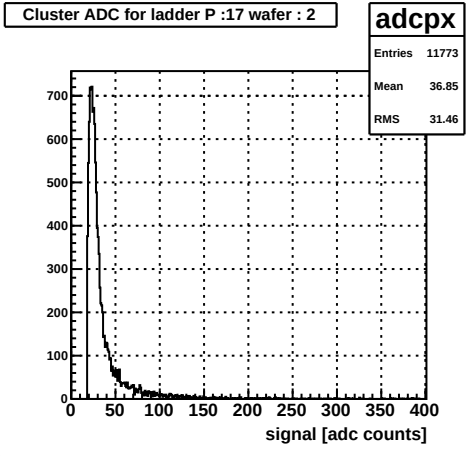

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 9742
Mean 104.9
RMS 69.04
signal [adc counts]

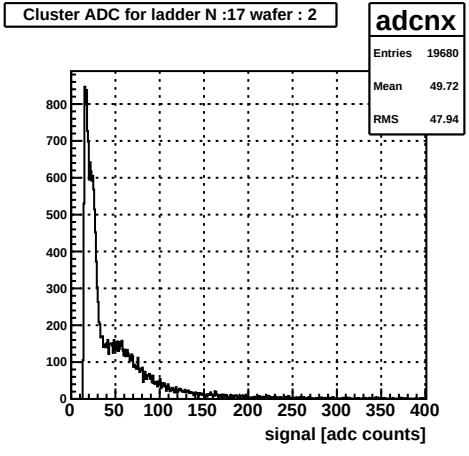

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 10846
Mean 63.03
RMS 54.85
signal [adc counts]

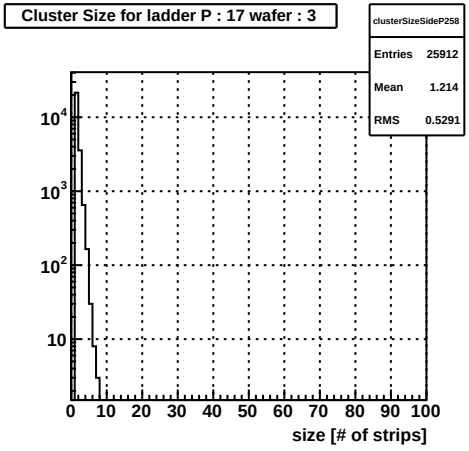

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 11773
Mean 1.137
RMS 0.4271
size [# of strips]

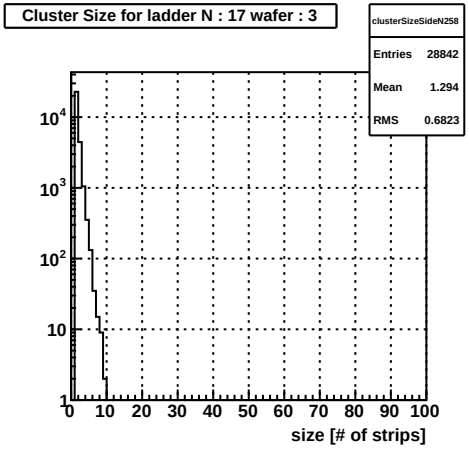

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 19680
Mean 1.35
RMS 0.6845
size [# of strips]

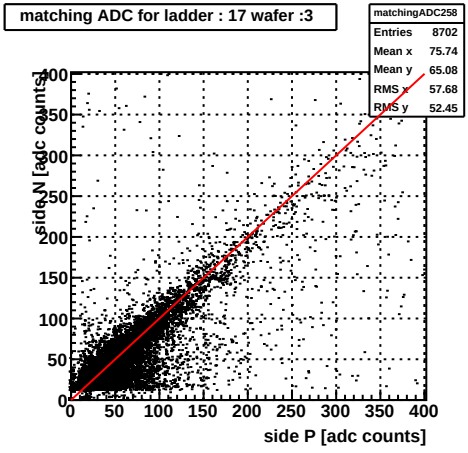

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 2077
Mean x 46.2
Mean y 66.71
RMS x 44.2
RMS y 56.48
side N [adc counts]
side P [adc counts]

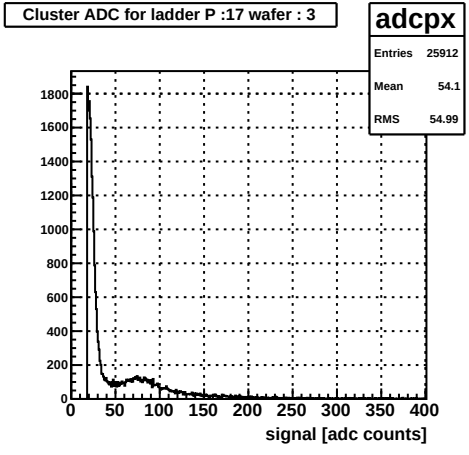

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 11773
Mean 36.85
RMS 31.46
signal [adc counts]

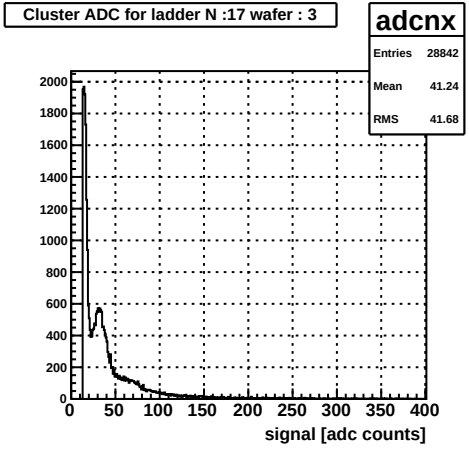

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 19680
Mean 49.72
RMS 47.94
signal [adc counts]

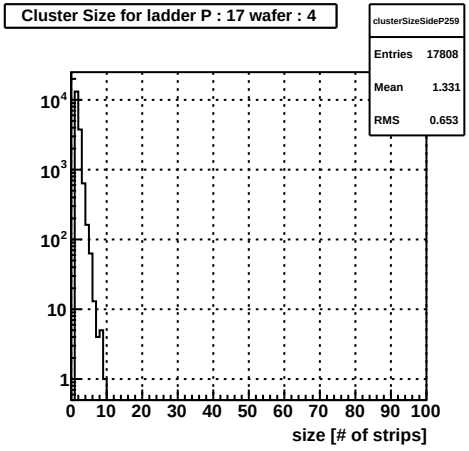

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 25912
Mean 1.214
RMS 0.5291
size [# of strips]

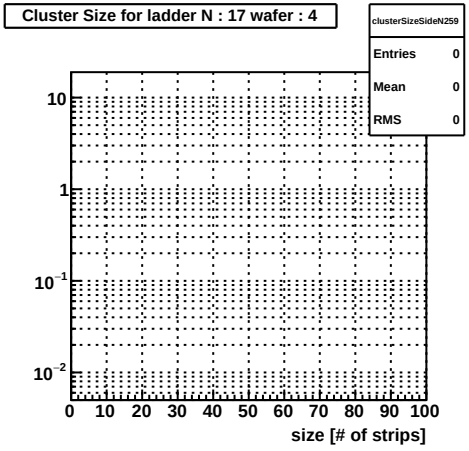

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 28842
Mean 1.294
RMS 0.6823
size [# of strips]

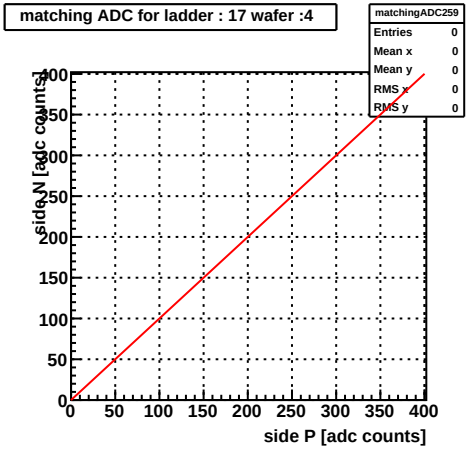

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 8702
Mean x 75.74
Mean y 65.08
RMS x 57.68
RMS y 52.45
side N [adc counts]
side P [adc counts]

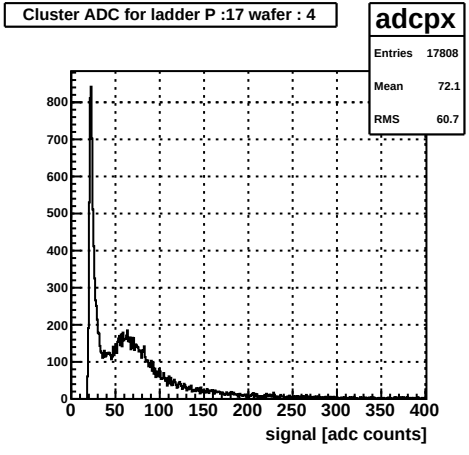

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 25912
Mean 54.1
RMS 54.99
signal [adc counts]

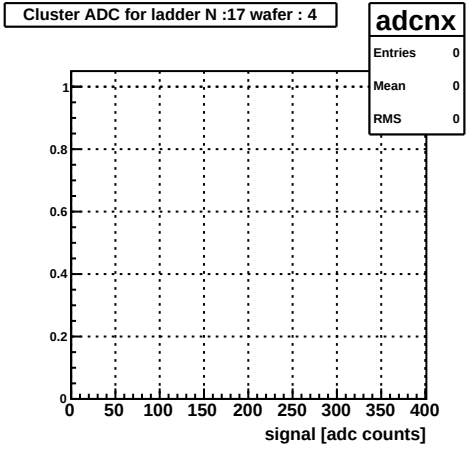

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 28842
Mean 41.24
RMS 41.68
signal [adc counts]

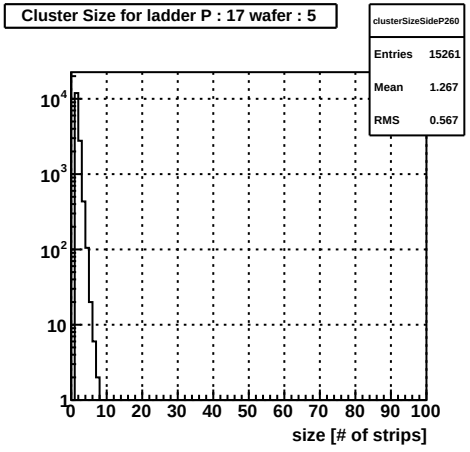

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 17808
Mean 1.331
RMS 0.653
size [# of strips]

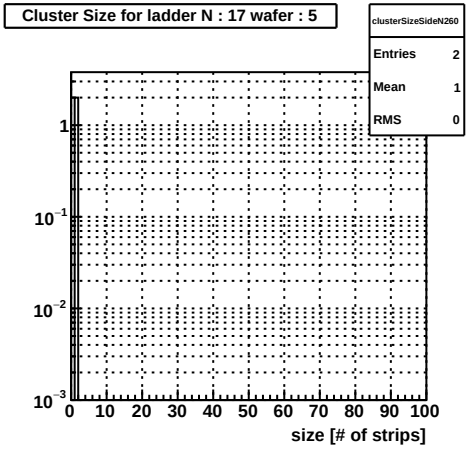

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

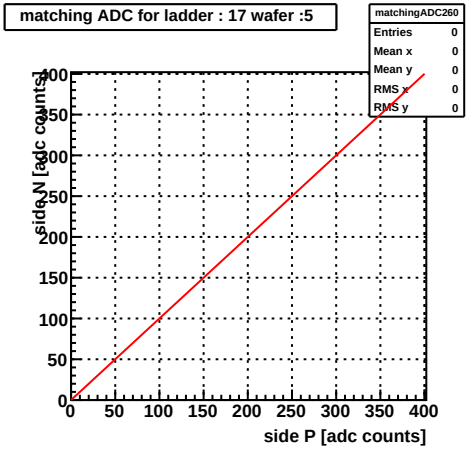

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

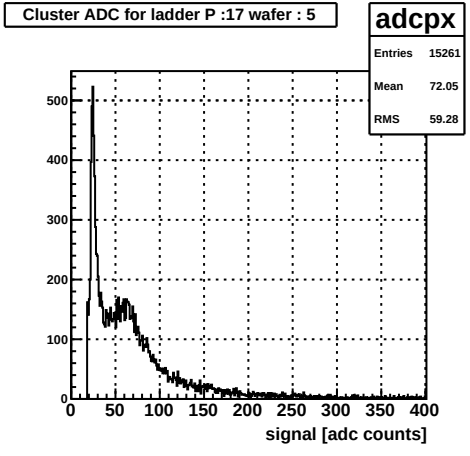

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 17808
Mean 72.1
RMS 60.7
signal [adc counts]

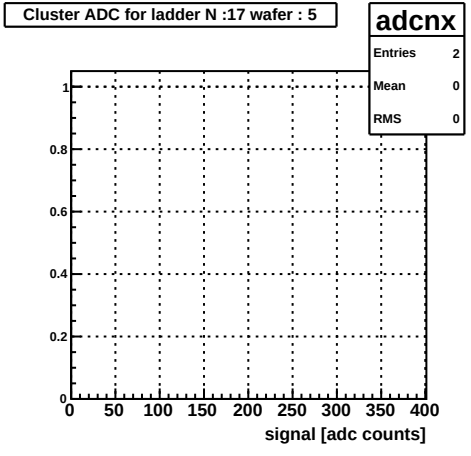

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

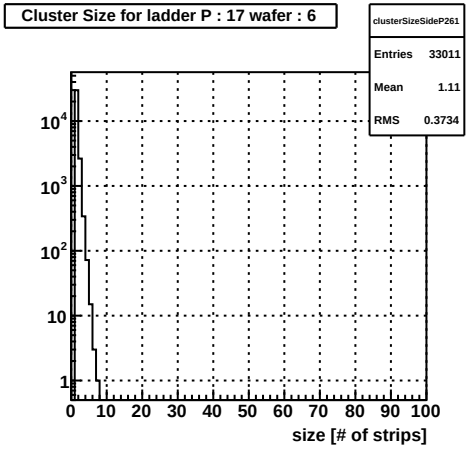

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 15261
Mean 1.267
RMS 0.567
size [# of strips]

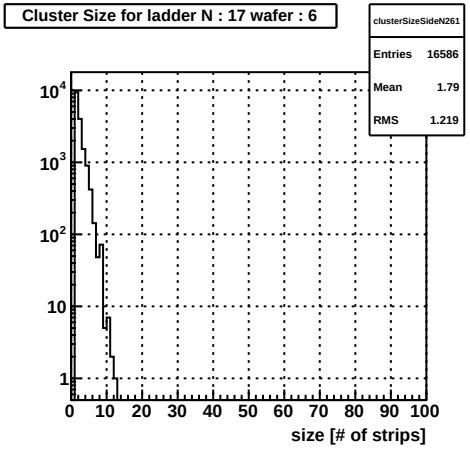

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 2
Mean 1
RMS 0
size [# of strips]

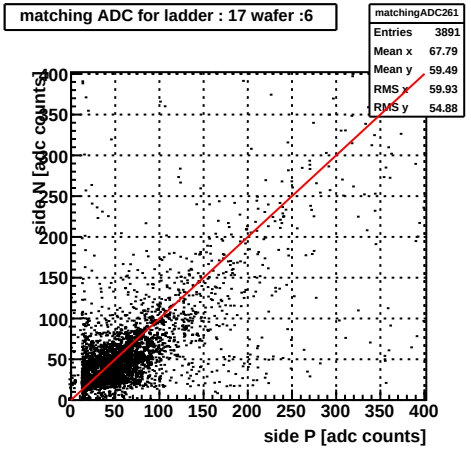

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

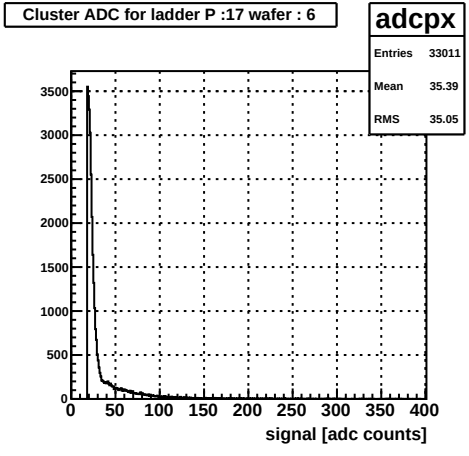

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 15261
Mean 72.05
RMS 59.28
signal [adc counts]

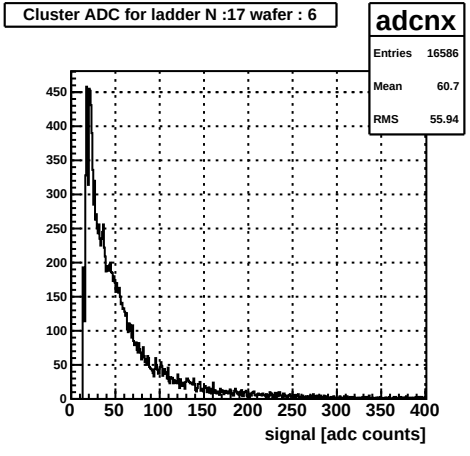

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

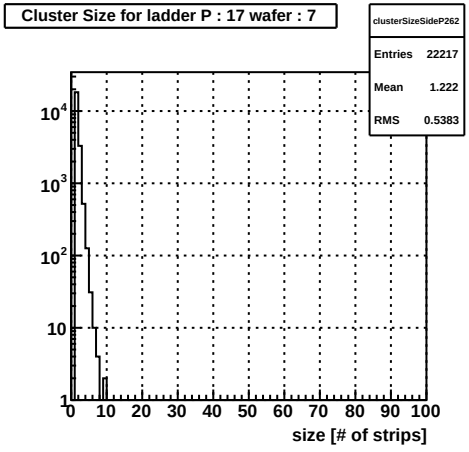

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 33011
Mean 1.11
RMS 0.3734
size [# of strips]

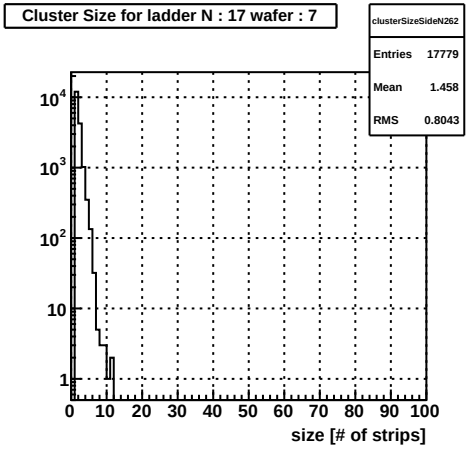

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 16586
Mean 1.79
RMS 1.219
size [# of strips]

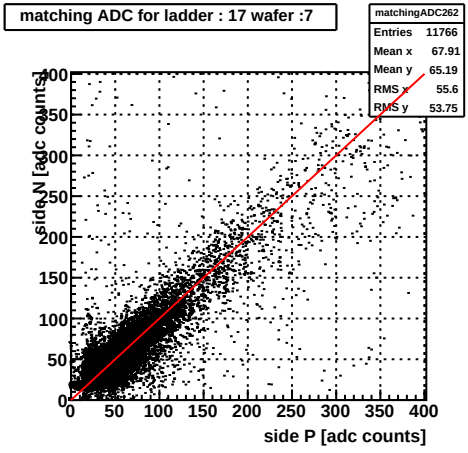

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 3891
Mean x 67.79
Mean y 59.49
RMS x 59.93
RMS y 54.88
side N [adc counts]
side P [adc counts]

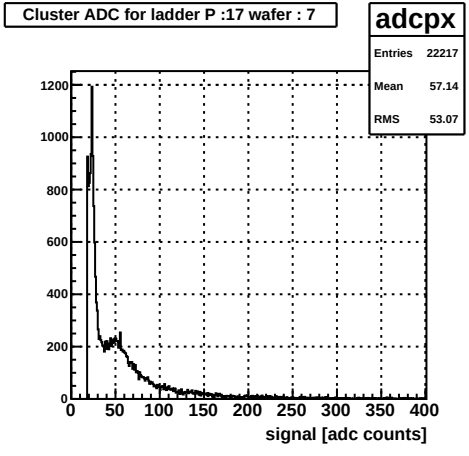

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 33011
Mean 35.39
RMS 35.05
signal [adc counts]

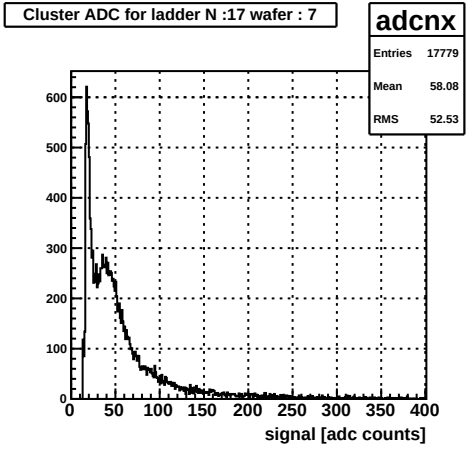

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 16586
Mean 60.7
RMS 55.94
signal [adc counts]

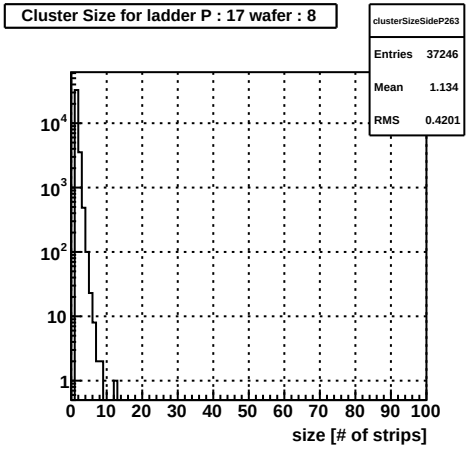

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 22217
Mean 1.222
RMS 0.5383
size [# of strips]

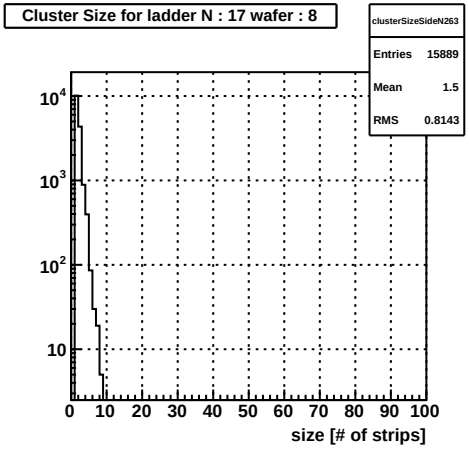

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 17779
Mean 1.458
RMS 0.8043
size [# of strips]

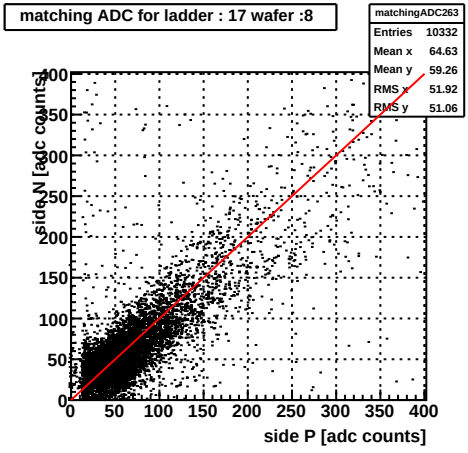

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 11766
Mean x 67.91
Mean y 65.19
RMS x 55.6
RMS y 53.75
side N [adc counts]
side P [adc counts]

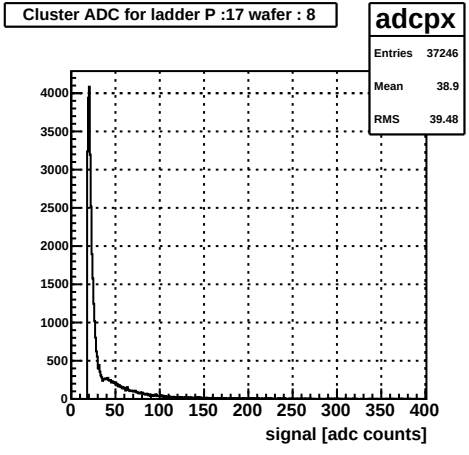

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 22217
Mean 57.14
RMS 53.07
signal [adc counts]

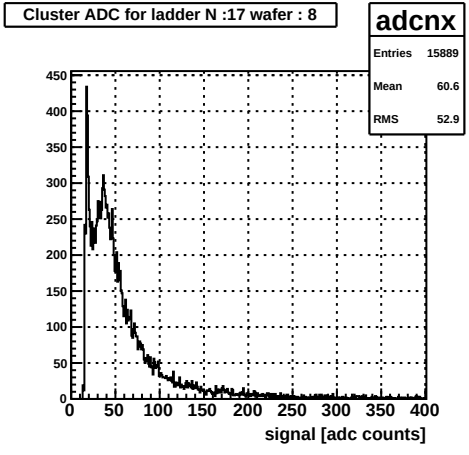

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 17779
Mean 58.08
RMS 52.53
signal [adc counts]

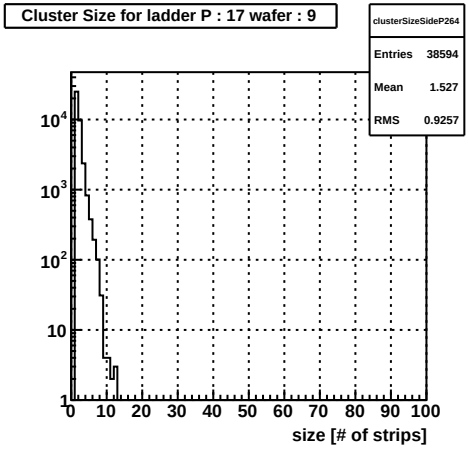

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 37246
Mean 1.134
RMS 0.4201
size [# of strips]

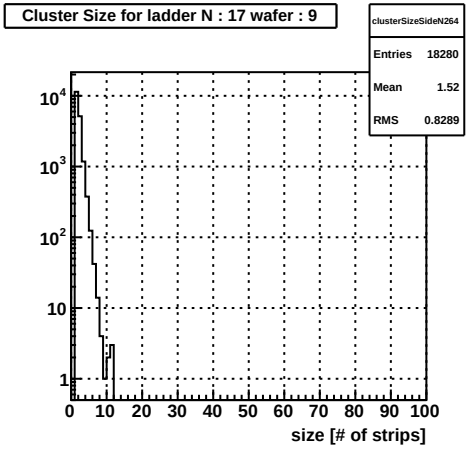

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 15889
Mean 1.5
RMS 0.8143
size [# of strips]

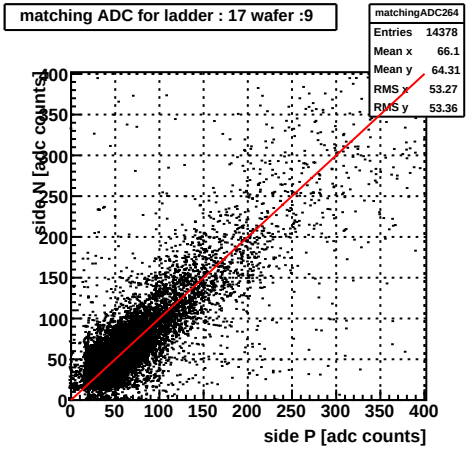

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 10332
Mean x 64.63
Mean y 59.26
RMS x 51.92
RMS y 51.06
side N [adc counts]
side P [adc counts]

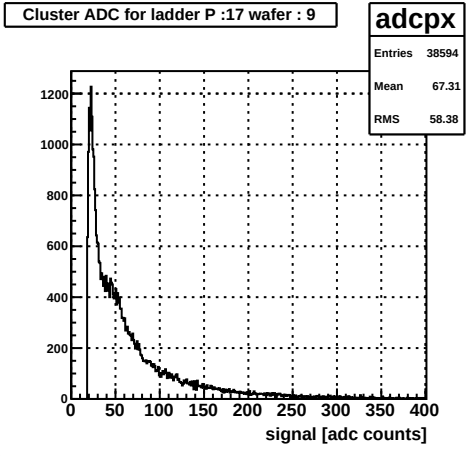

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 37246
Mean 38.9
RMS 39.48
signal [adc counts]

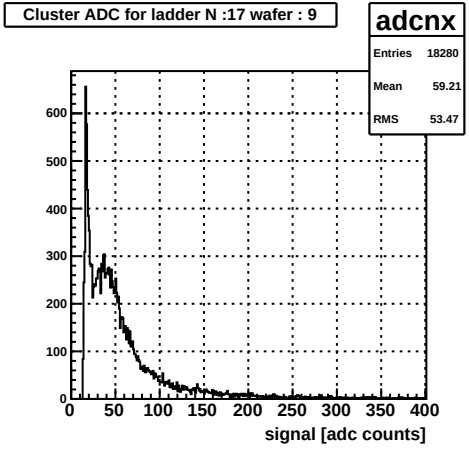

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 15889
Mean 60.6
RMS 52.9
signal [adc counts]

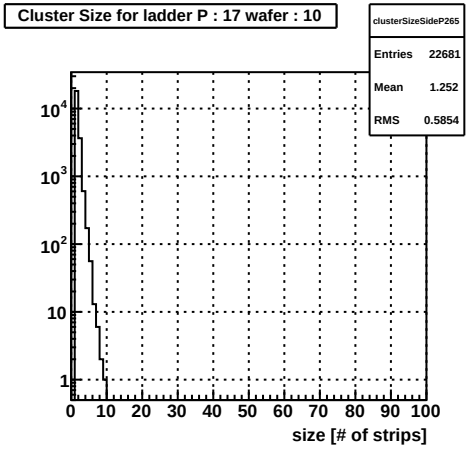

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 38594
Mean 1.527
RMS 0.9257
size [# of strips]

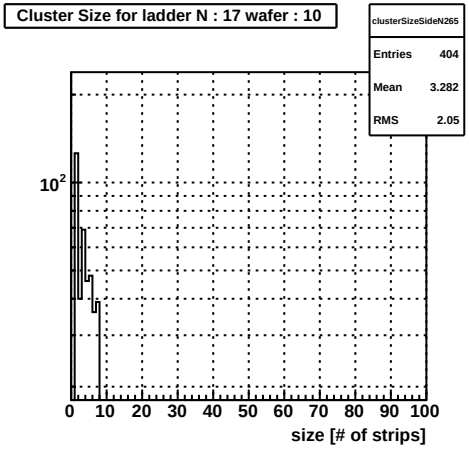

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 18280
Mean 1.52
RMS 0.8289
size [# of strips]

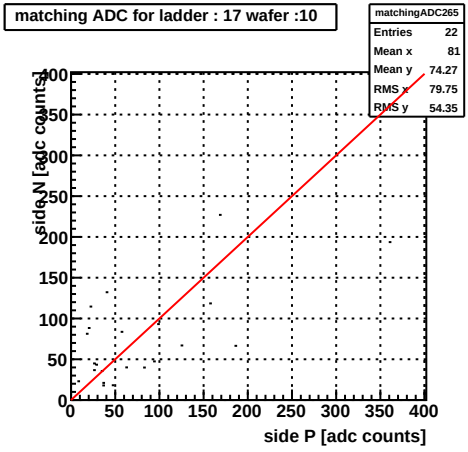

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 14378
Mean x 66.1
Mean y 64.31
RMS x 53.27
RMS y 53.36
side N [adc counts]
side P [adc counts]

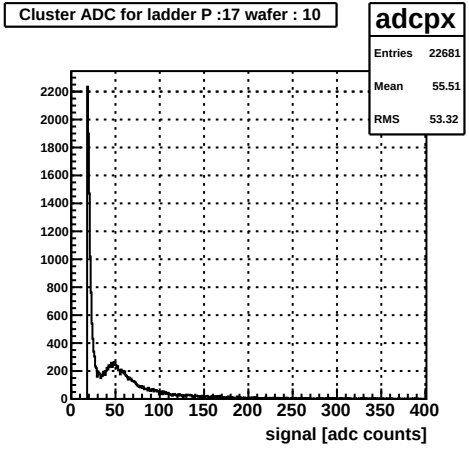

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 38594
Mean 67.31
RMS 58.38
signal [adc counts]

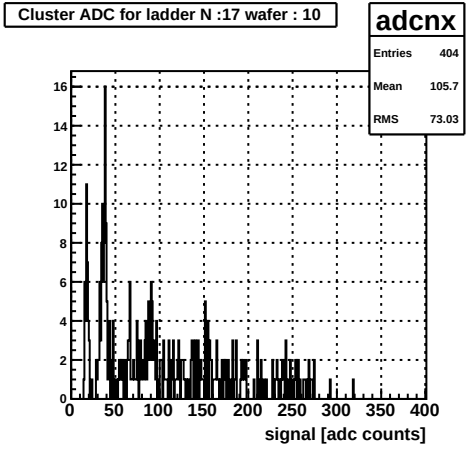

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 18280
Mean 59.21
RMS 53.47
signal [adc counts]

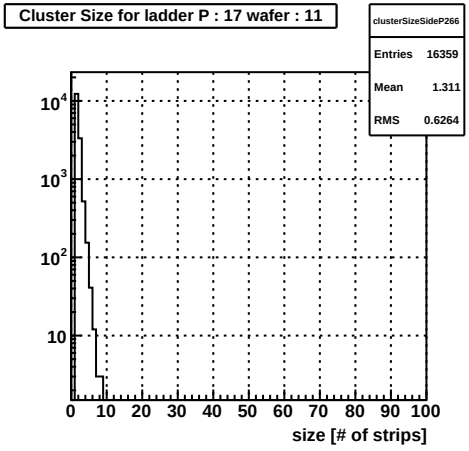

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 22681
Mean 1.252
RMS 0.5854
size [# of strips]

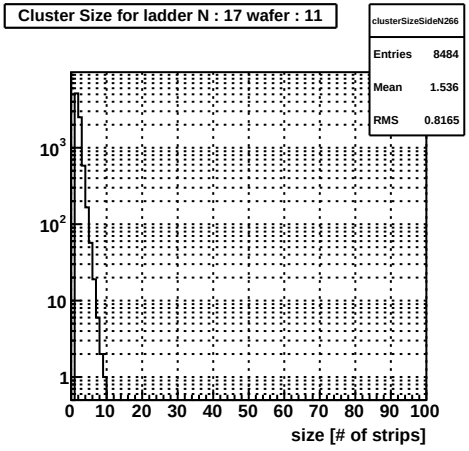

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 404
Mean 3.282
RMS 2.05
size [# of strips]

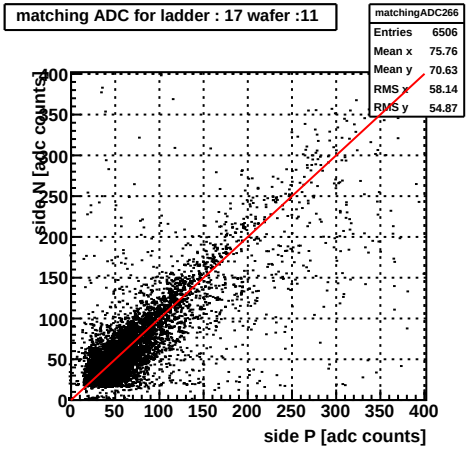

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 22
Mean x 81
Mean y 74.27
RMS x 79.75
RMS y 54.35
side N [adc counts]
side P [adc counts]

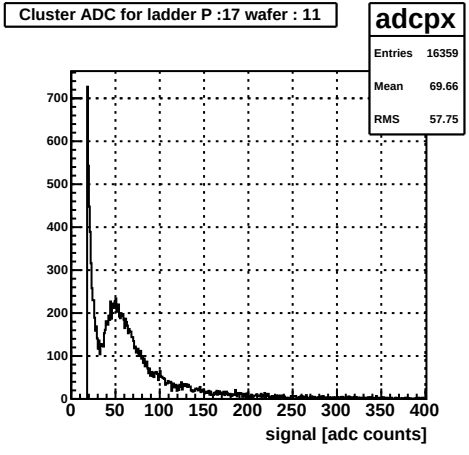

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 22681
Mean 55.51
RMS 53.32
signal [adc counts]

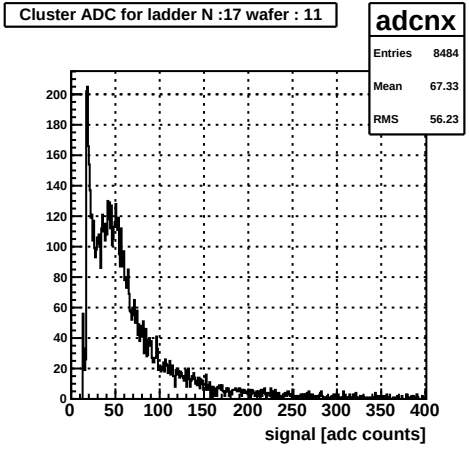

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 404
Mean 105.7
RMS 73.03
signal [adc counts]

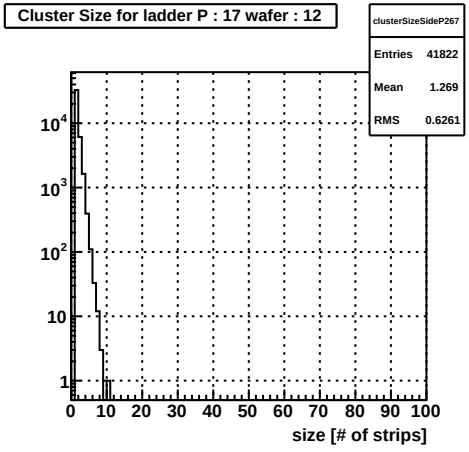

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 16359
Mean 1.311
RMS 0.6264
size [# of strips]

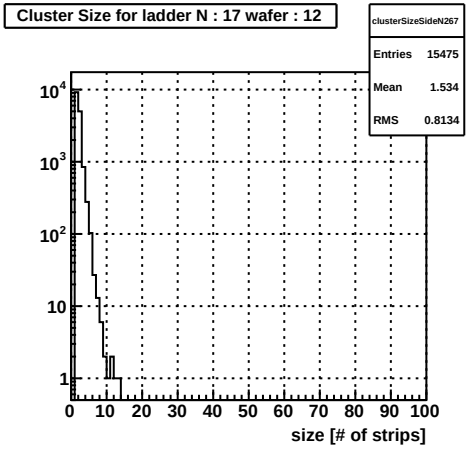

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 8484
Mean 1.536
RMS 0.8165
size [# of strips]

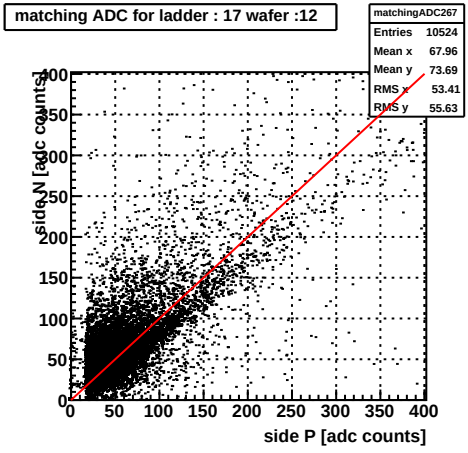

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 6506
Mean x 75.76
Mean y 70.63
RMS x 58.14
RMS y 54.87
side N [adc counts]
side P [adc counts]

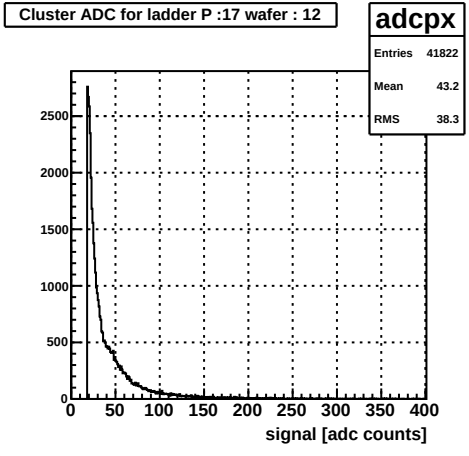

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 16359
Mean 69.66
RMS 57.75
signal [adc counts]

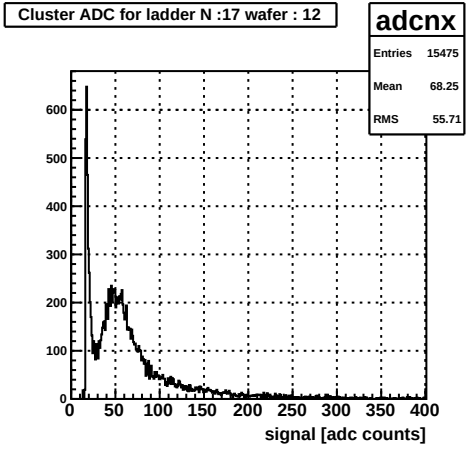

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 8484
Mean 67.33
RMS 56.23
signal [adc counts]

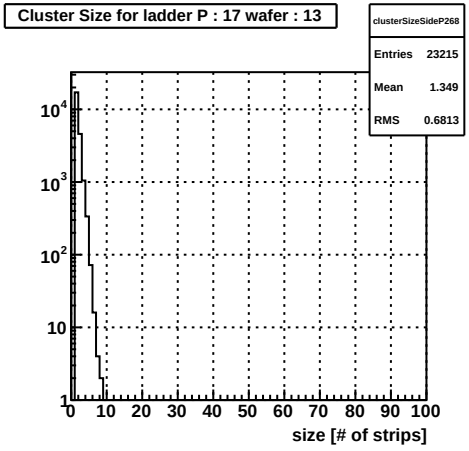

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 41822
Mean 1.269
RMS 0.6261
size [# of strips]

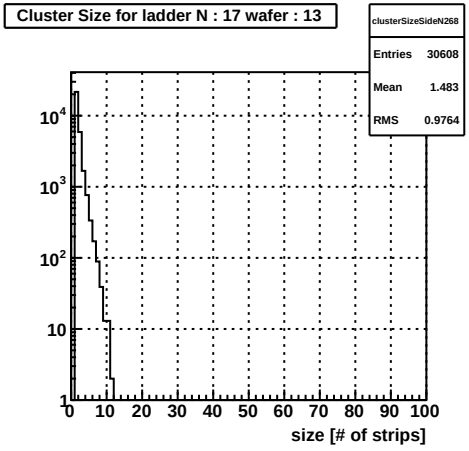

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 15475
Mean 1.534
RMS 0.8134
size [# of strips]

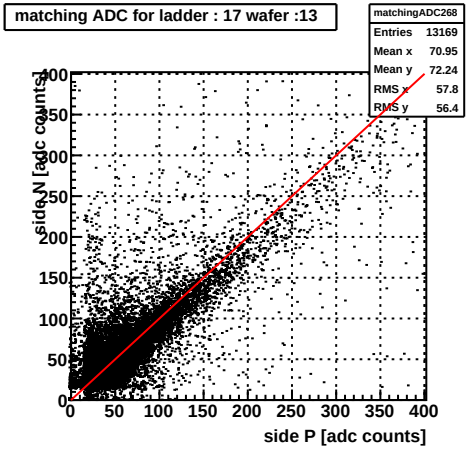

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 10524
Mean x 67.96
Mean y 73.69
RMS x 53.41
RMS y 55.63
side N [adc counts]
side P [adc counts]

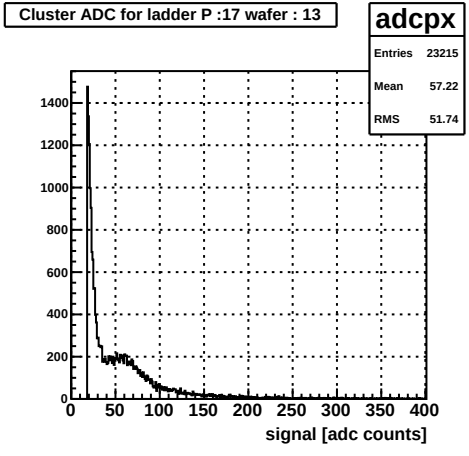

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 41822
Mean 43.2
RMS 38.3
signal [adc counts]

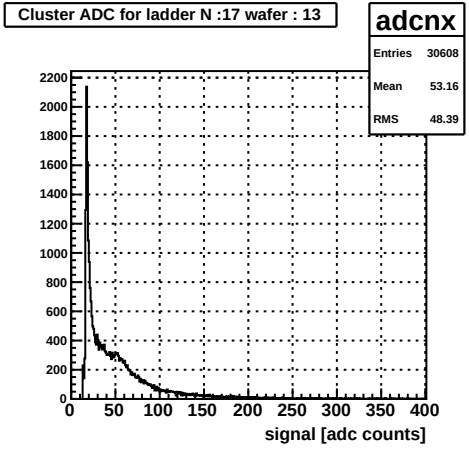

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 15475
Mean 68.25
RMS 55.71
signal [adc counts]

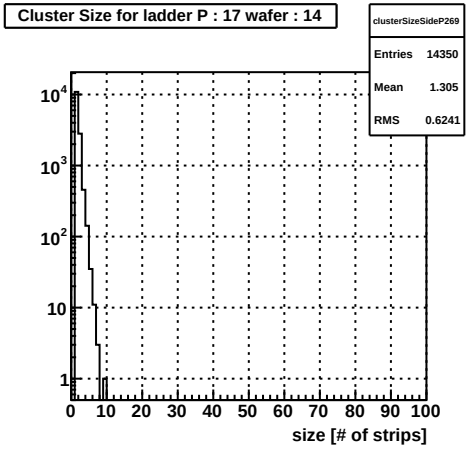

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 23215
Mean 1.349
RMS 0.6813
size [# of strips]

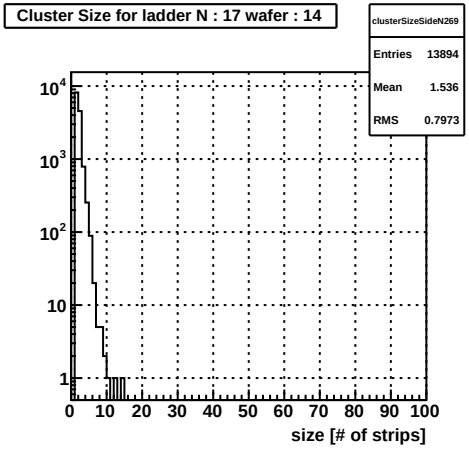

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 30608
Mean 1.483
RMS 0.9764
size [# of strips]

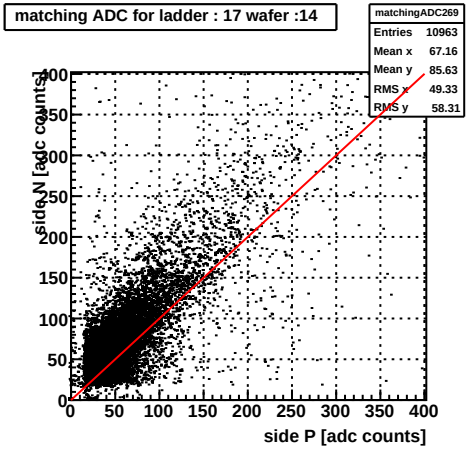

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 13169
Mean x 70.95
Mean y 72.24
RMS x 57.8
RMS y 56.4
side N [adc counts]
side P [adc counts]

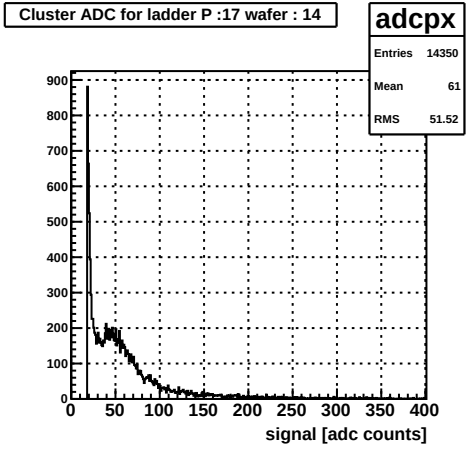

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 23215
Mean 57.22
RMS 51.74
signal [adc counts]

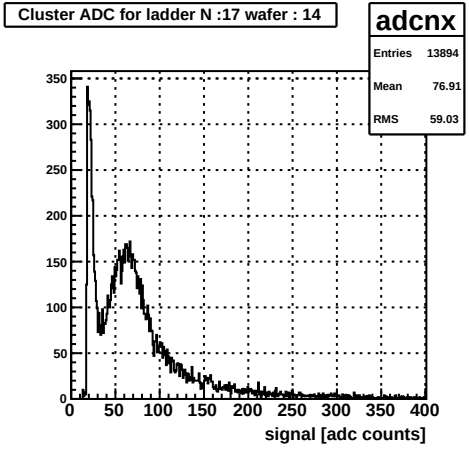

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 30608
Mean 53.16
RMS 48.39
signal [adc counts]

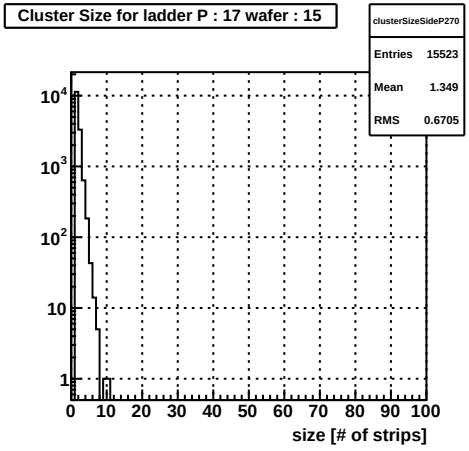

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 14350
Mean 1.305
RMS 0.6241
size [# of strips]

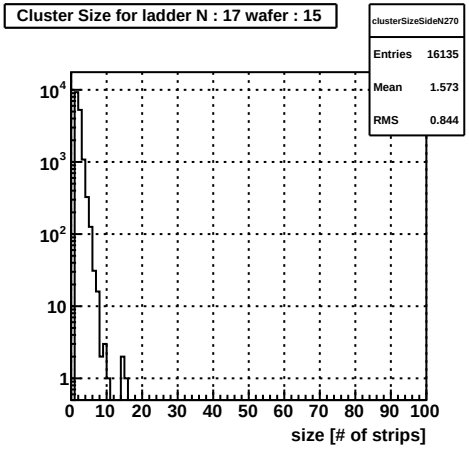

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 13894
Mean 1.536
RMS 0.7973
size [# of strips]

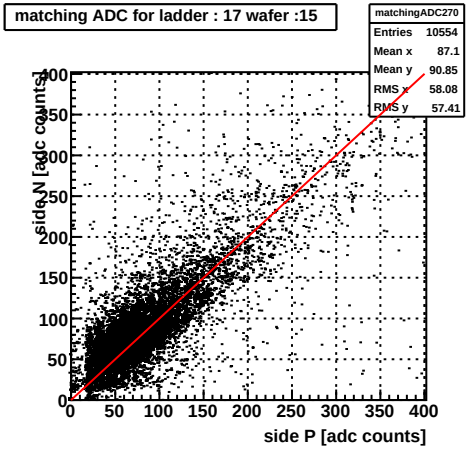

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 10963
Mean x 67.16
Mean y 85.63
RMS x 49.33
RMS y 58.31
side N [adc counts]
side P [adc counts]

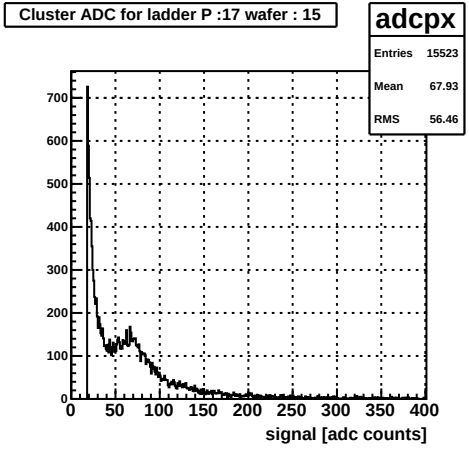

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 14350
Mean 61
RMS 51.52
signal [adc counts]

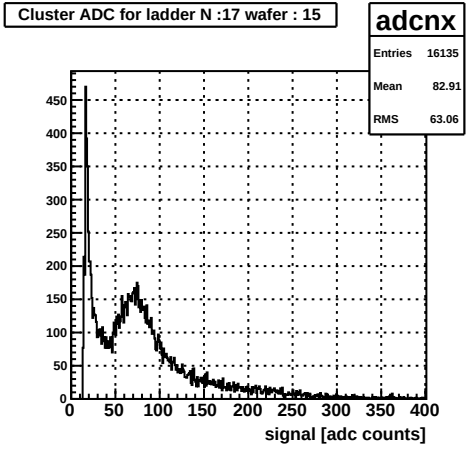

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 13894
Mean 76.91
RMS 59.03
signal [adc counts]

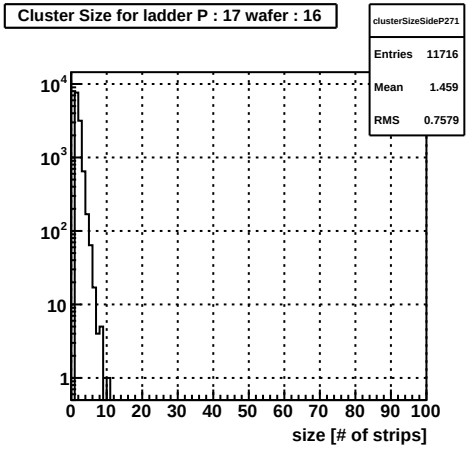

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 15523
Mean 1.349
RMS 0.6705
size [# of strips]

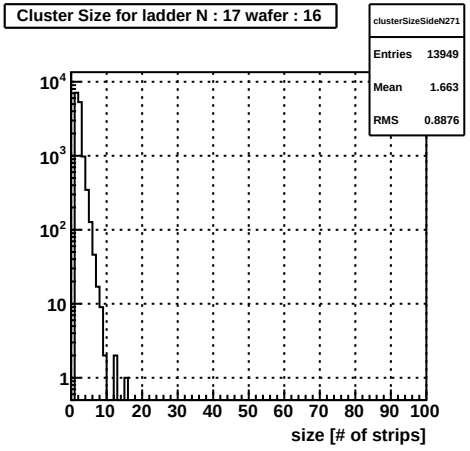

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 16135
Mean 1.573
RMS 0.844
size [# of strips]

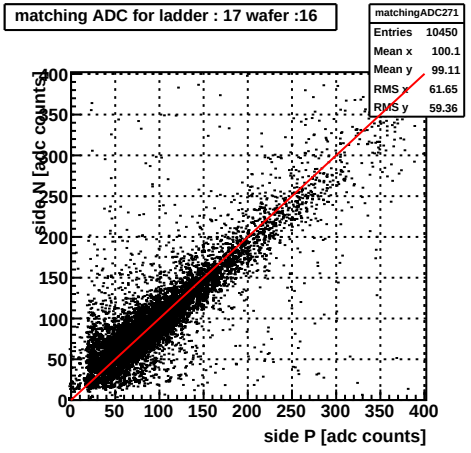

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 10554
Mean x 87.1
Mean y 90.85
RMS x 58.08
RMS y 57.41
side N [adc counts]
side P [adc counts]

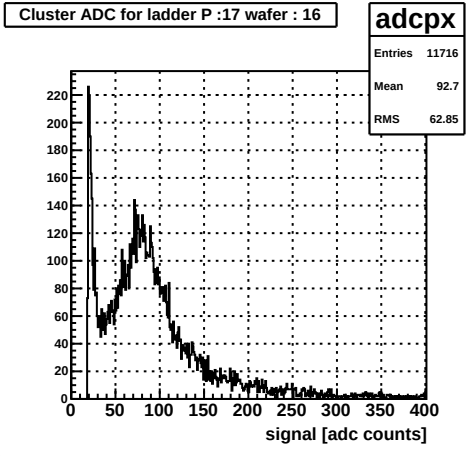

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 15523
Mean 67.93
RMS 56.46
signal [adc counts]

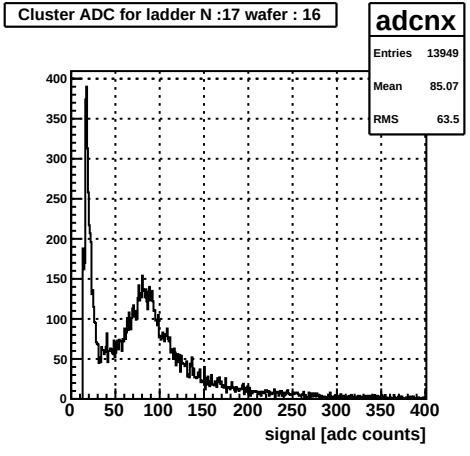

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 16135
Mean 82.91
RMS 63.06
signal [adc counts]

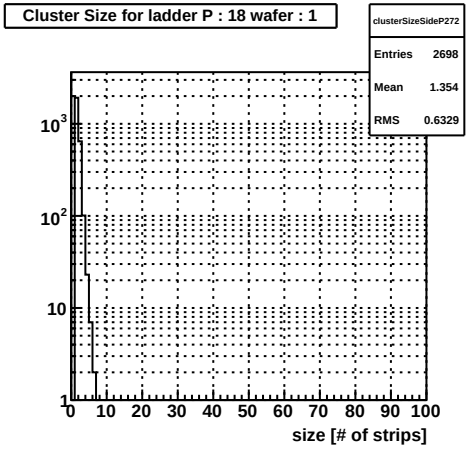

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 11716
Mean 1.459
RMS 0.7579
size [# of strips]

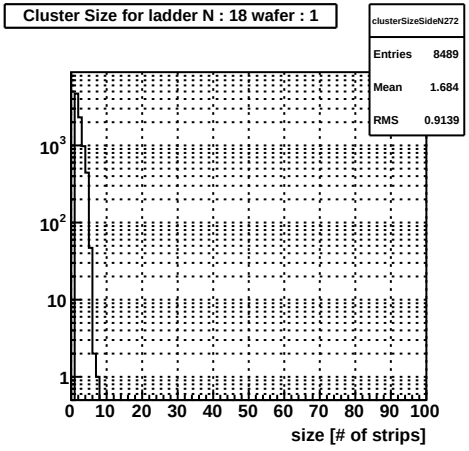

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 13949
Mean 1.663
RMS 0.8876
size [# of strips]

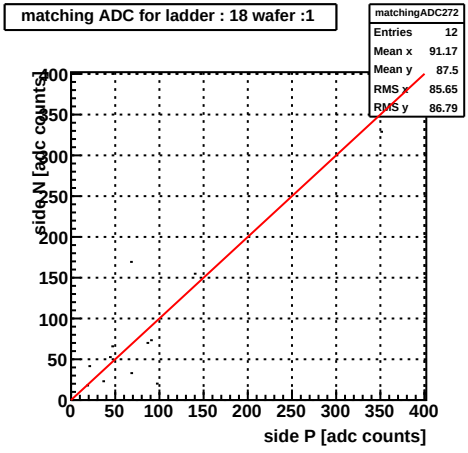

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 10450
Mean x 100.1
Mean y 99.11
RMS x 61.65
RMS y 59.36
side N [adc counts]
side P [adc counts]

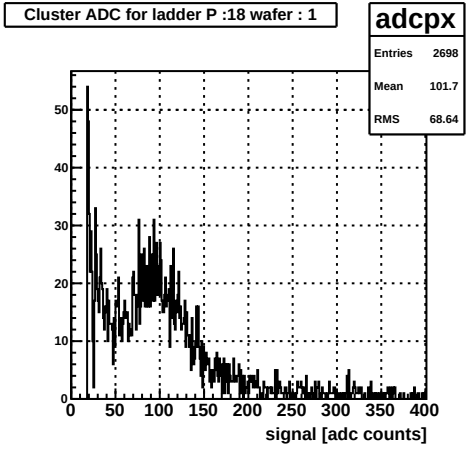

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 11716
Mean 92.7
RMS 62.85
signal [adc counts]

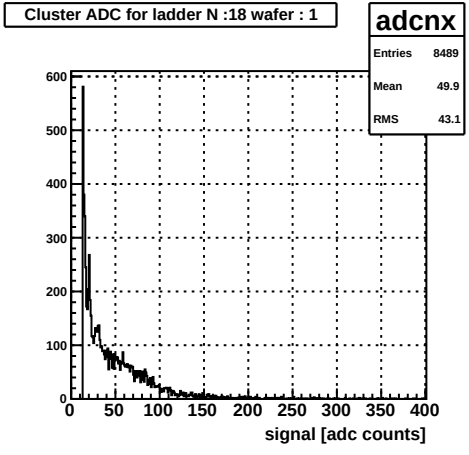

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 13949
Mean 85.07
RMS 63.5
signal [adc counts]

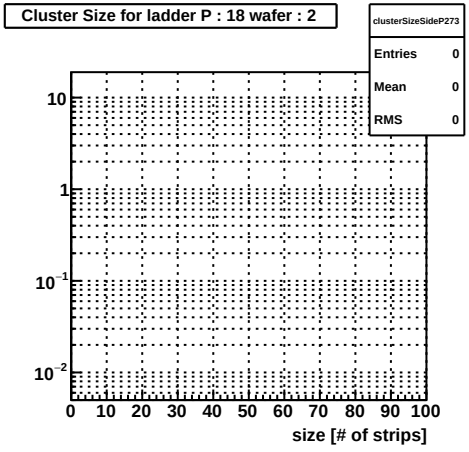

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2698
Mean 1.354
RMS 0.6329
size [# of strips]

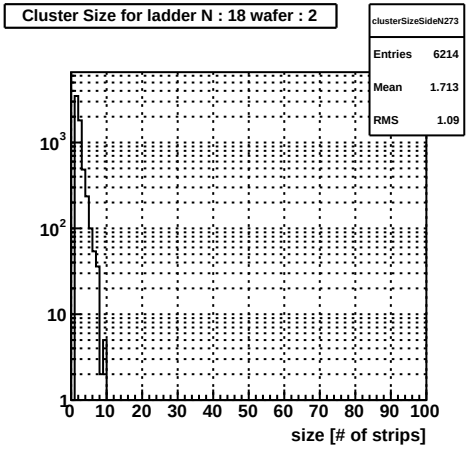

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 8489
Mean 1.684
RMS 0.9139
size [# of strips]

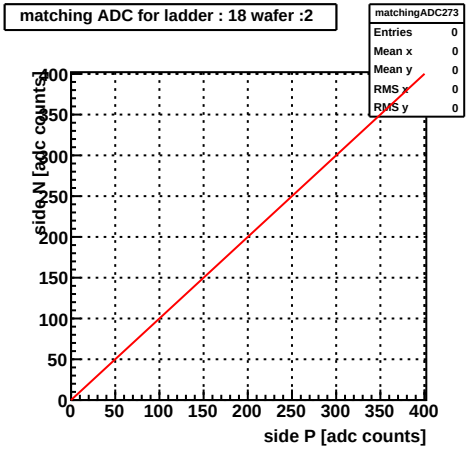

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 12
Mean x 91.17
Mean y 87.5
RMS x 85.65
RMS y 86.79
side N [adc counts]
side P [adc counts]

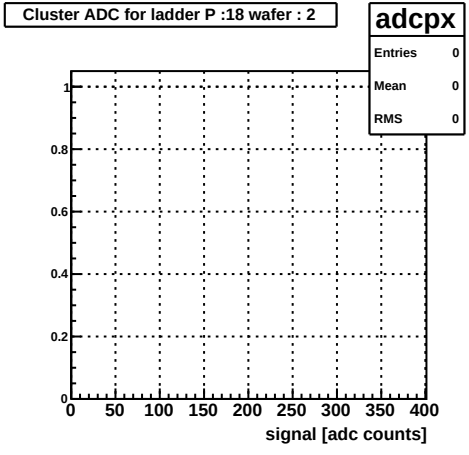

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2698
Mean 101.7
RMS 68.64
signal [adc counts]

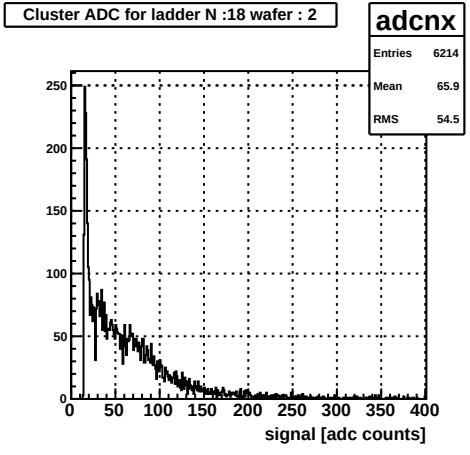

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 8489
Mean 49.9
RMS 43.1
signal [adc counts]

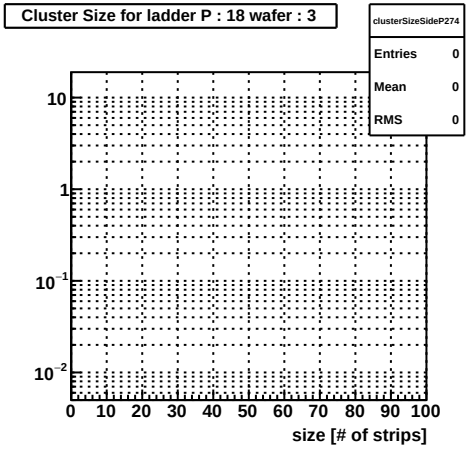

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

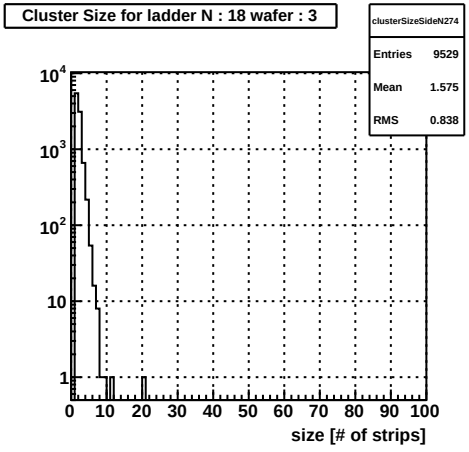

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 6214
Mean 1.713
RMS 1.09
size [# of strips]

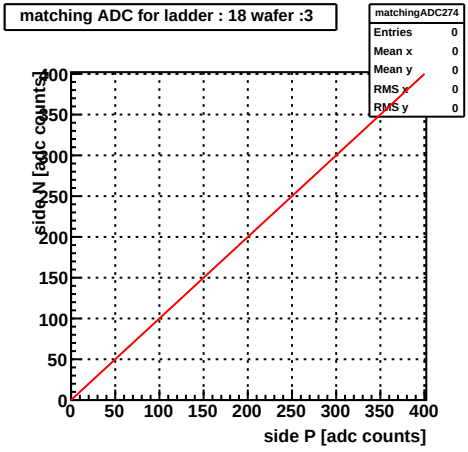

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

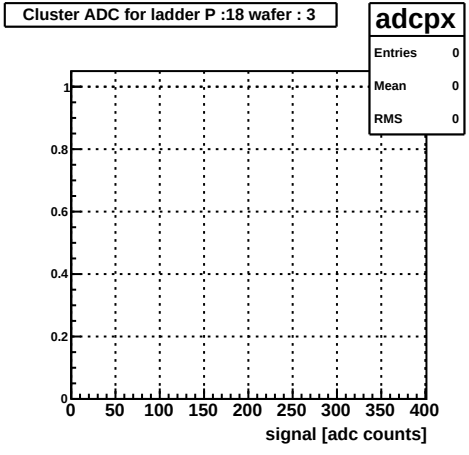

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

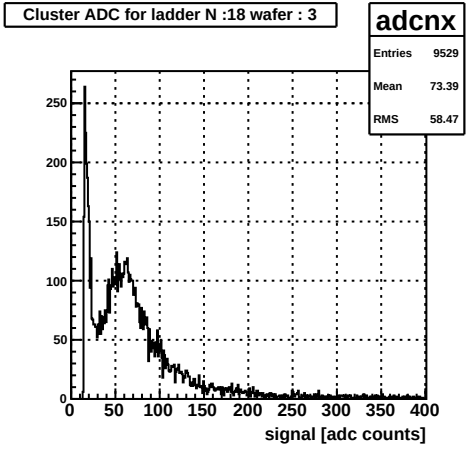

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 6214
Mean 65.9
RMS 54.5
signal [adc counts]

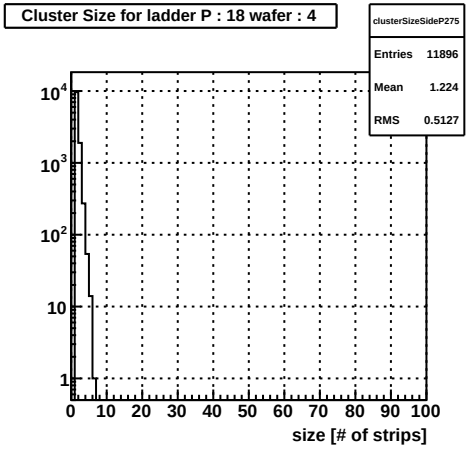

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

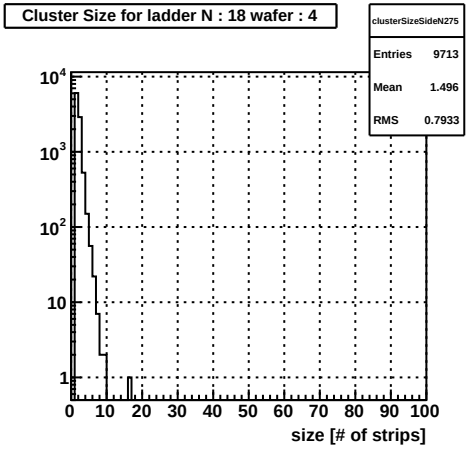

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 9529
Mean 1.575
RMS 0.838
size [# of strips]

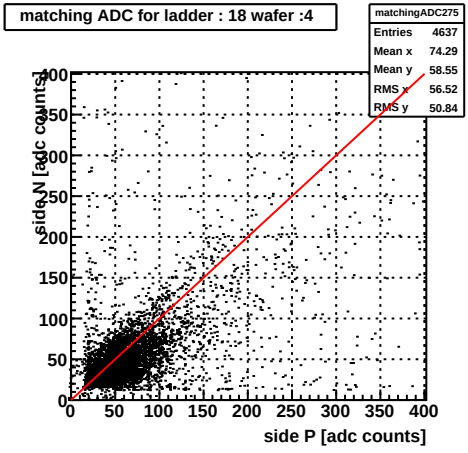

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

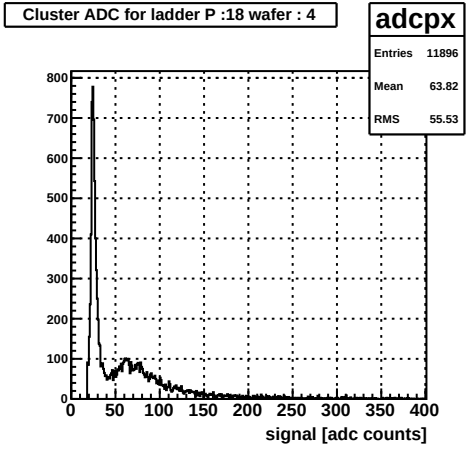

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

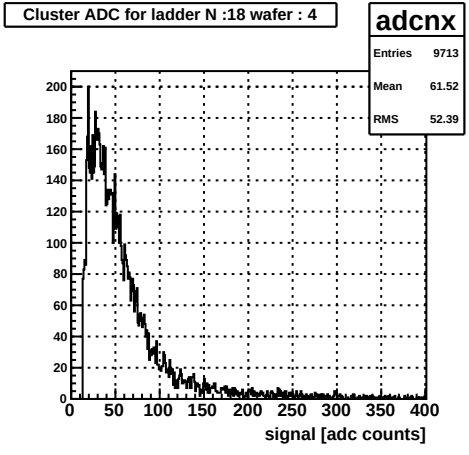

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 9529
Mean 73.39
RMS 58.47
signal [adc counts]

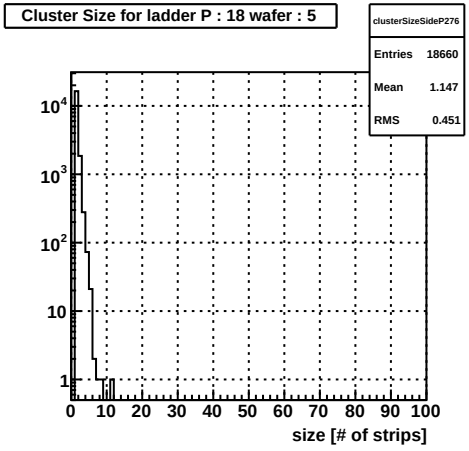

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 11896
Mean 1.224
RMS 0.5127
size [# of strips]

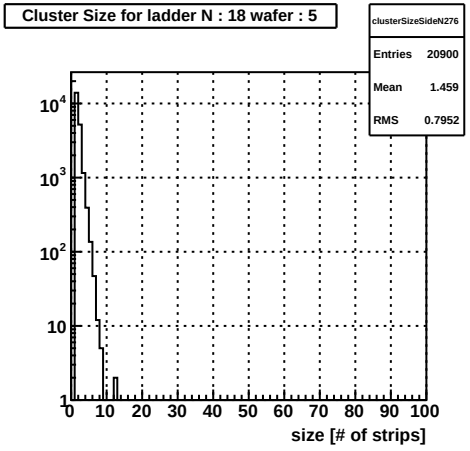

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 9713
Mean 1.496
RMS 0.7933
size [# of strips]

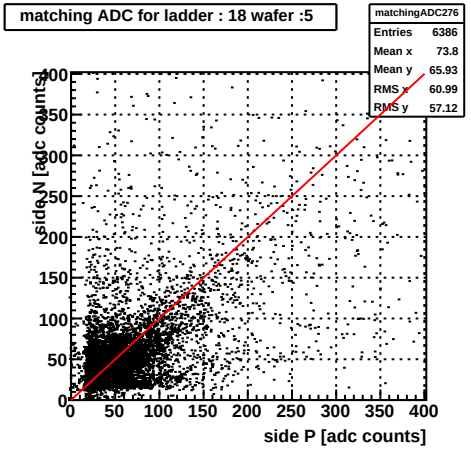

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4637
Mean x 74.29
Mean y 58.55
RMS x 56.52
RMS y 50.84
side N [adc counts]
side P [adc counts]

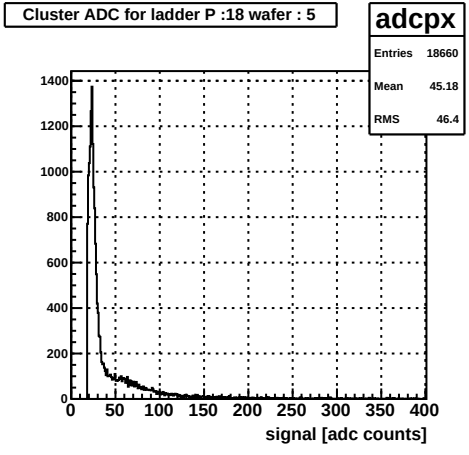

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 11896
Mean 63.82
RMS 55.53
signal [adc counts]

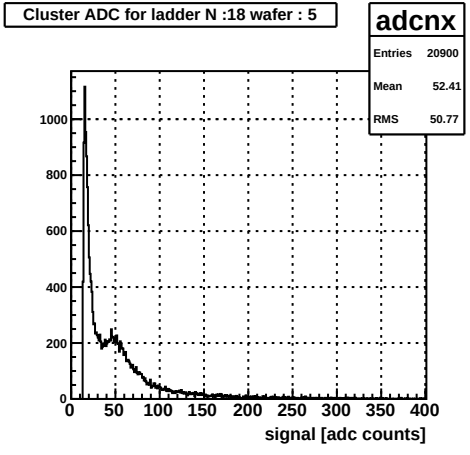

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 9713
Mean 61.52
RMS 52.39
signal [adc counts]

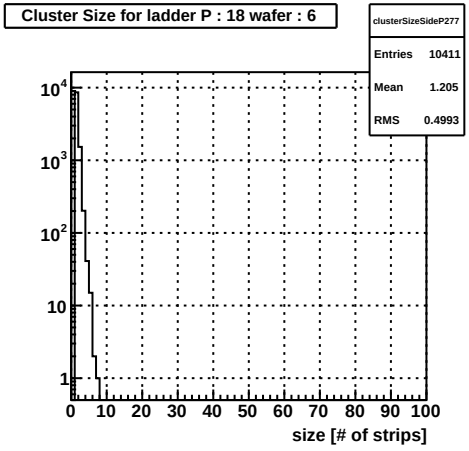

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 18660
Mean 1.147
RMS 0.451
size [# of strips]

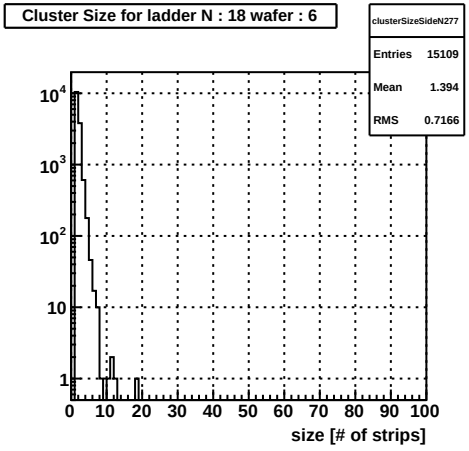

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 20900
Mean 1.459
RMS 0.7952
size [# of strips]

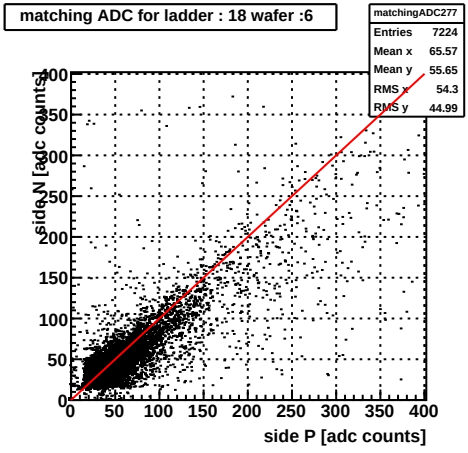

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6386
Mean x 73.8
Mean y 65.93
RMS x 60.99
RMS y 57.12
side N [adc counts]
side P [adc counts]

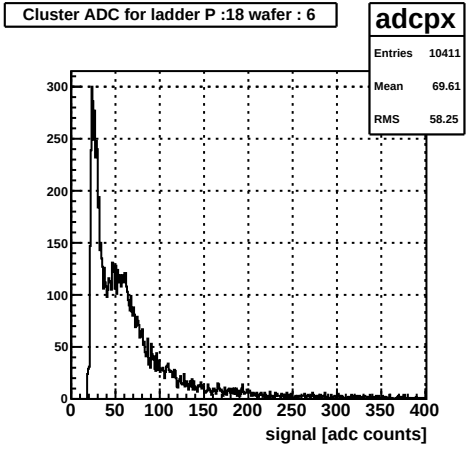

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 18660
Mean 45.18
RMS 46.4
signal [adc counts]

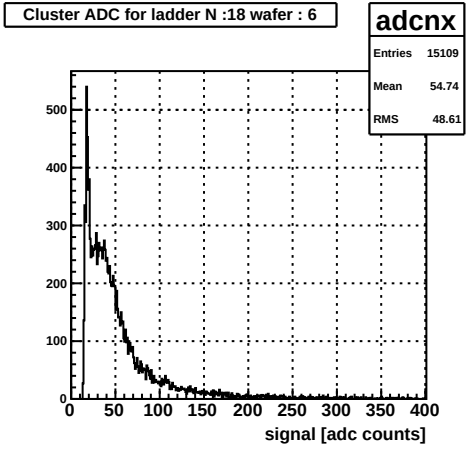

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 20900
Mean 52.41
RMS 50.77
signal [adc counts]

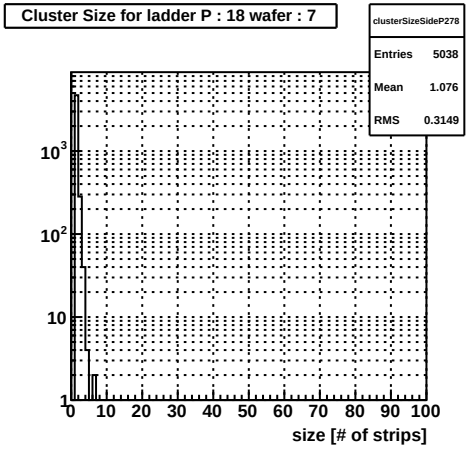

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 10411
Mean 1.205
RMS 0.4993
size [# of strips]

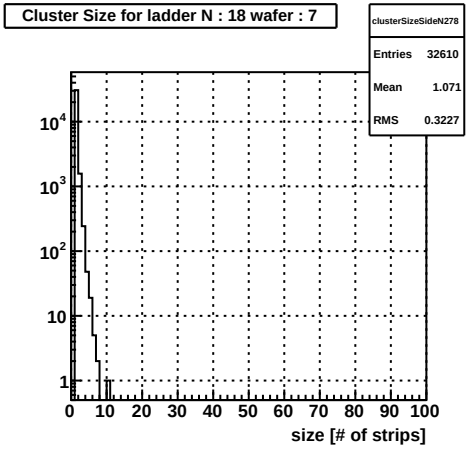

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 15109
Mean 1.394
RMS 0.7166
size [# of strips]

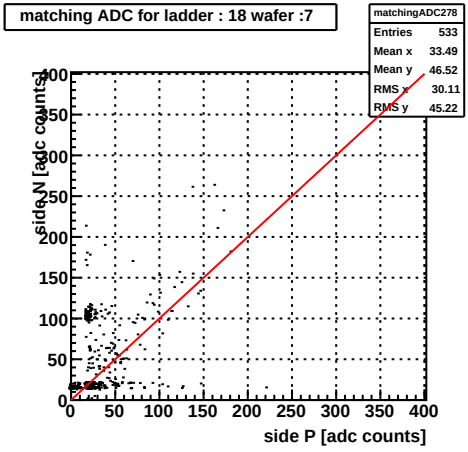

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 7224
Mean x 65.57
Mean y 55.65
RMS x 54.3
RMS y 44.99
side N [adc counts]
side P [adc counts]

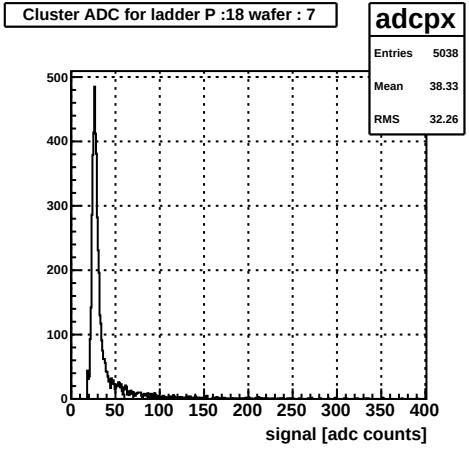

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 10411
Mean 69.61
RMS 58.25
signal [adc counts]

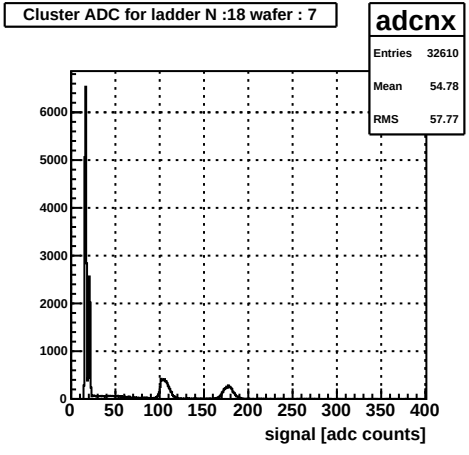

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 15109
Mean 54.74
RMS 48.61
signal [adc counts]

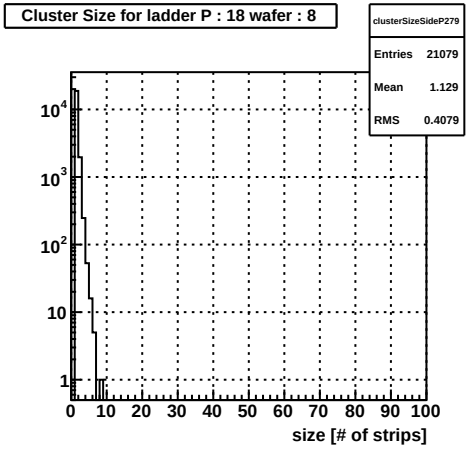

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 5038
Mean 1.076
RMS 0.3149
size [# of strips]

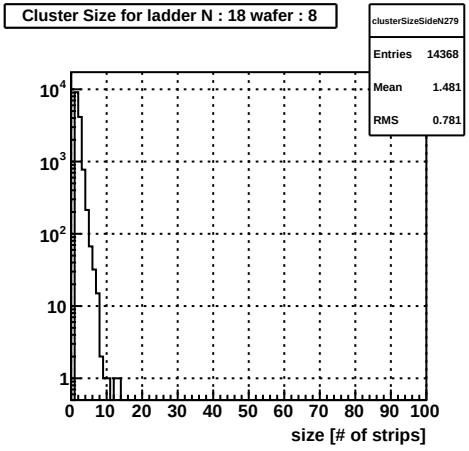

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 32610
Mean 1.071
RMS 0.3227
size [# of strips]

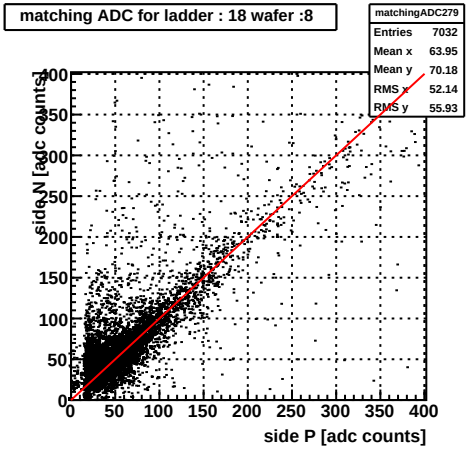

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 533
Mean x 33.49
Mean y 46.52
RMS x 30.11
RMS y 45.22
side N [adc counts]
side P [adc counts]

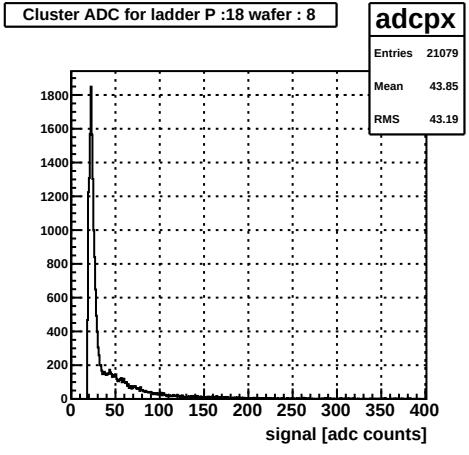

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 5038
Mean 38.33
RMS 32.26
signal [adc counts]

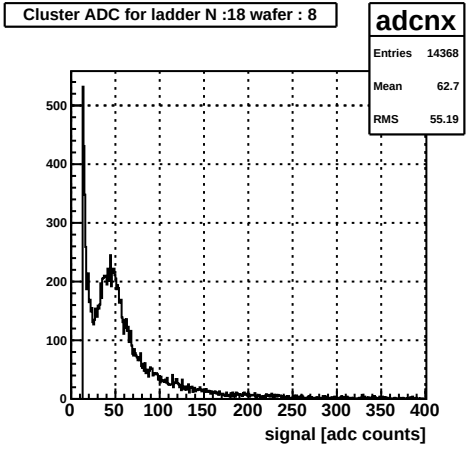

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 32610
Mean 54.78
RMS 57.77
signal [adc counts]

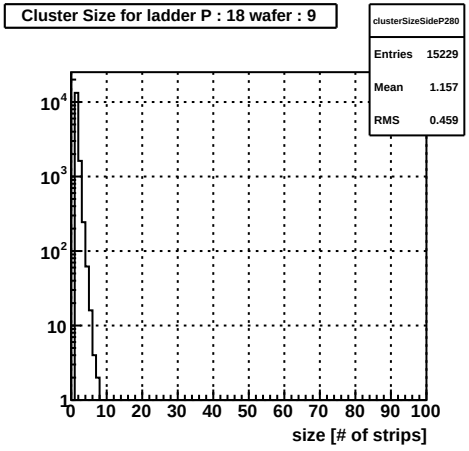

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 21079
Mean 1.129
RMS 0.4079
size [# of strips]

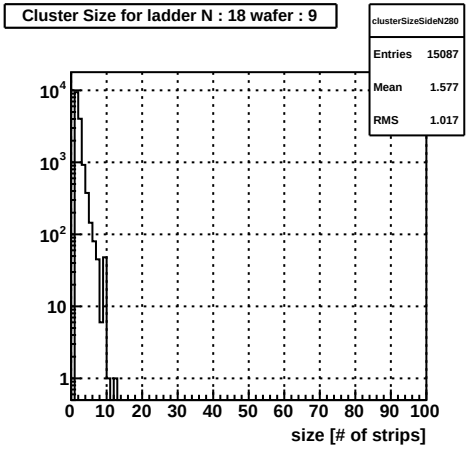

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 14368
Mean 1.481
RMS 0.781
size [# of strips]

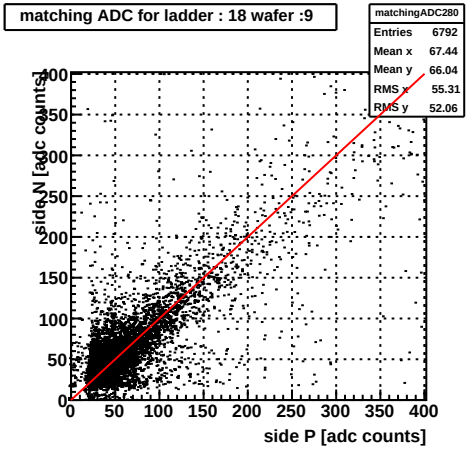

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 7032
Mean x 63.95
Mean y 70.18
RMS x 52.14
RMS y 55.93
side N [adc counts]
side P [adc counts]

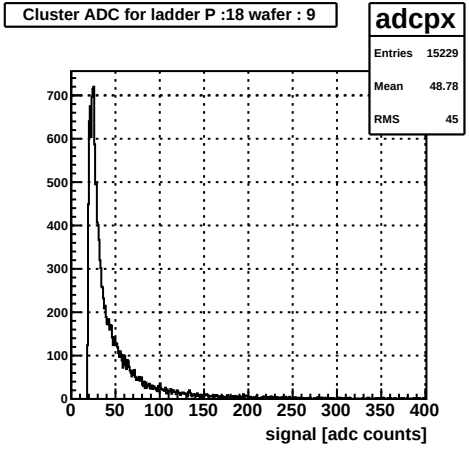

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 21079
Mean 43.85
RMS 43.19
signal [adc counts]

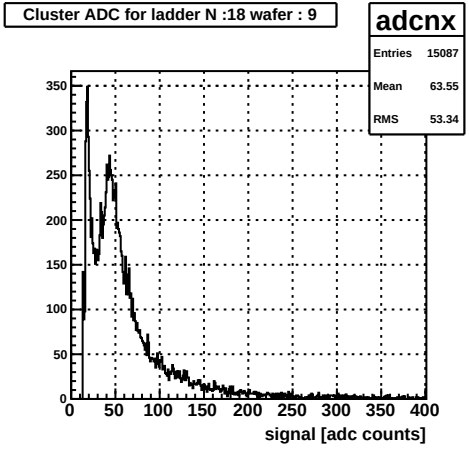

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 14368
Mean 62.7
RMS 55.19
signal [adc counts]

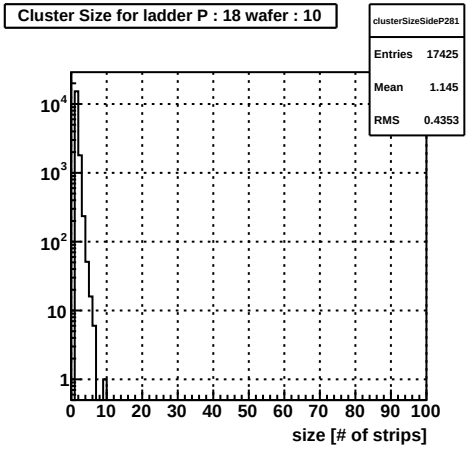

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 15229
Mean 1.157
RMS 0.459
size [# of strips]

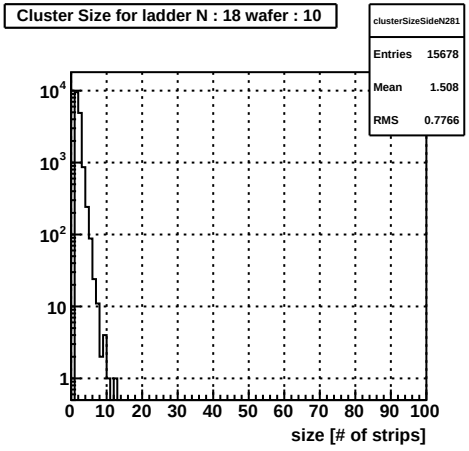

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 15087
Mean 1.577
RMS 1.017
size [# of strips]

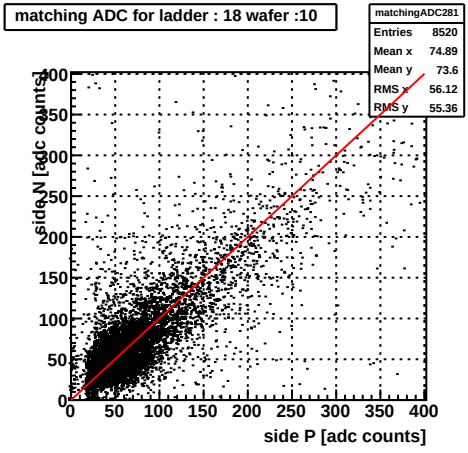

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 6792
Mean x 67.44
Mean y 66.04
RMS x 55.31
RMS y 52.06
side N [adc counts]
side P [adc counts]

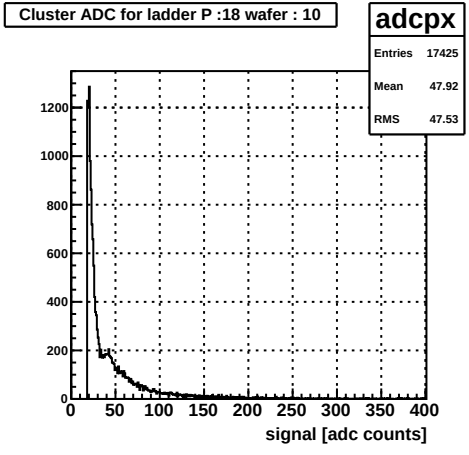

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 15229
Mean 48.78
RMS 45
signal [adc counts]

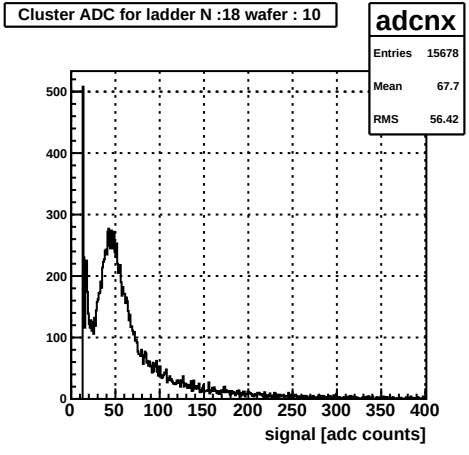

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 15087
Mean 63.55
RMS 53.34
signal [adc counts]

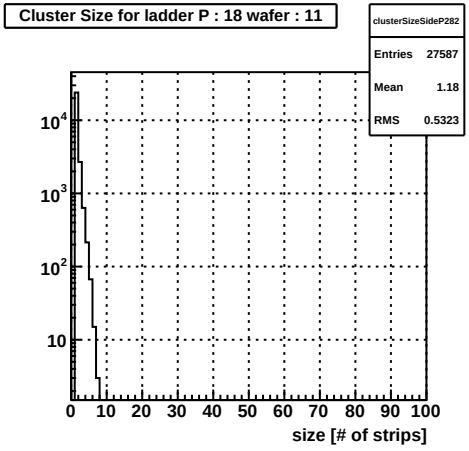

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 17425
Mean 1.145
RMS 0.4353
size [# of strips]

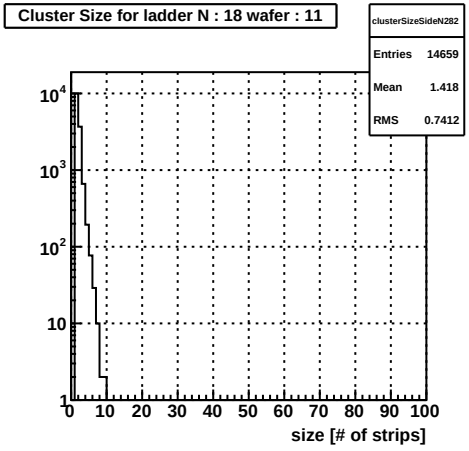

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 15678
Mean 1.508
RMS 0.7766
size [# of strips]

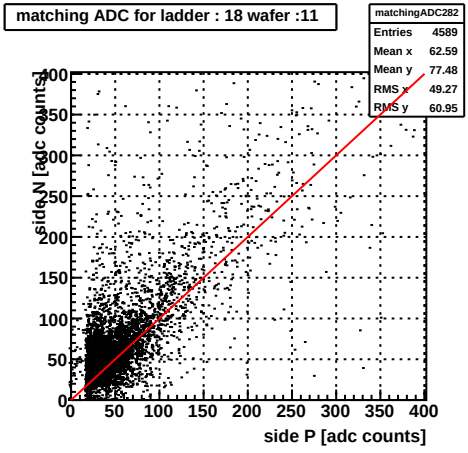

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 8520
Mean x 74.89
Mean y 73.6
RMS x 56.12
RMS y 55.36
side N [adc counts]
side P [adc counts]

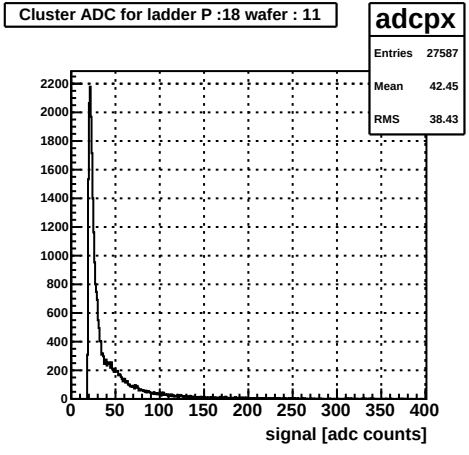

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 17425
Mean 47.92
RMS 47.53
signal [adc counts]

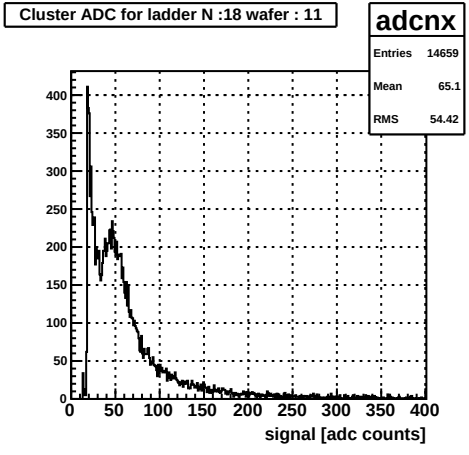

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 15678
Mean 67.7
RMS 56.42
signal [adc counts]

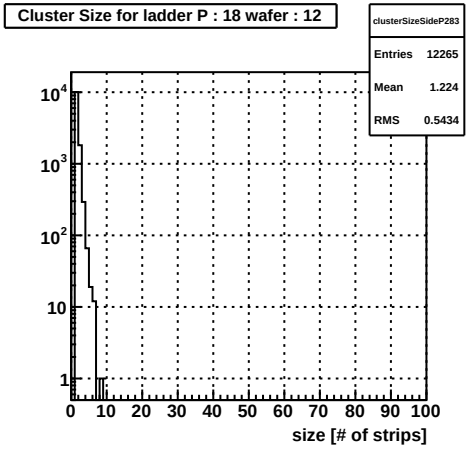

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 27587
Mean 1.18
RMS 0.5323
size [# of strips]

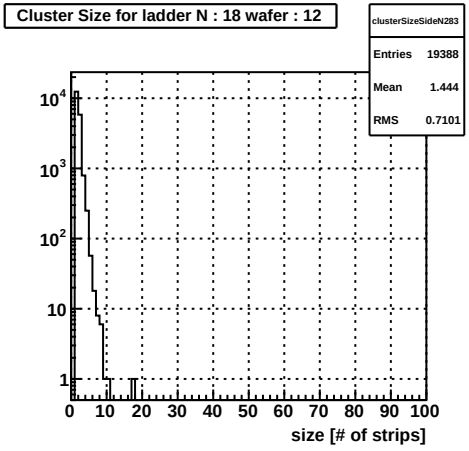

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 14659
Mean 1.418
RMS 0.7412
size [# of strips]

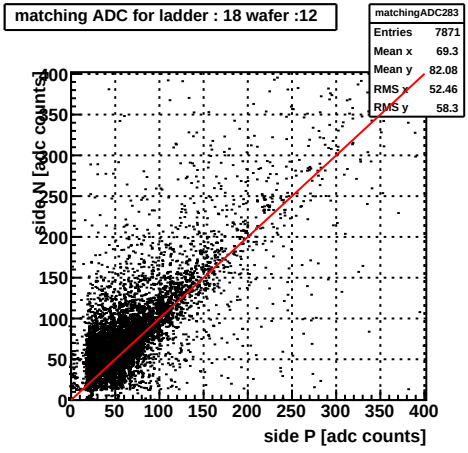

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 4589
Mean x 62.59
Mean y 77.48
RMS x 49.27
RMS y 60.95
side N [adc counts]
side P [adc counts]

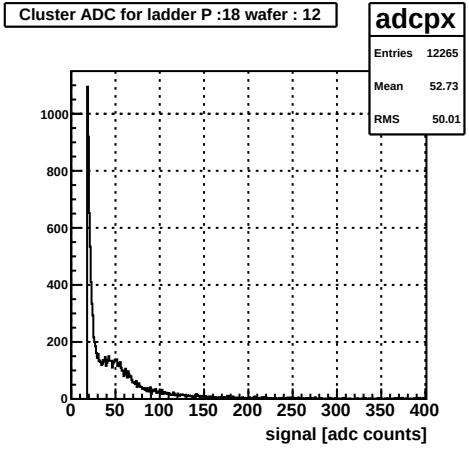

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 27587
Mean 42.45
RMS 38.43
signal [adc counts]

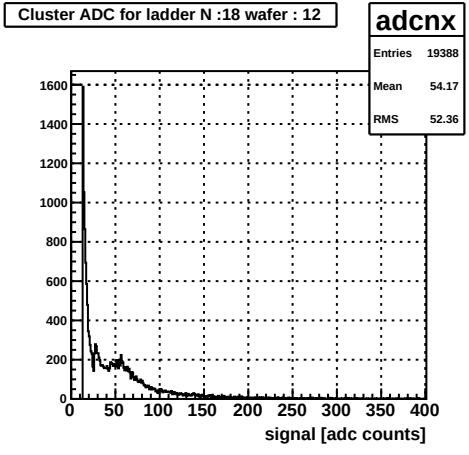

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 14659
Mean 65.1
RMS 54.42
signal [adc counts]

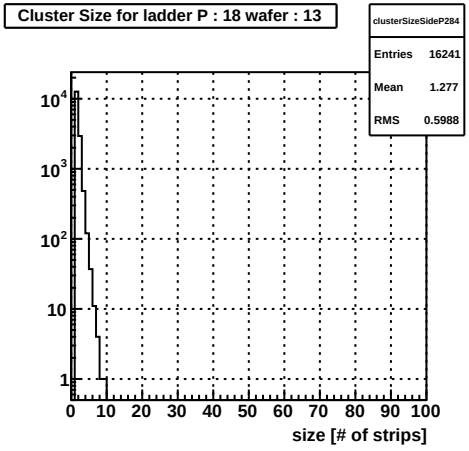

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 12265
Mean 1.224
RMS 0.5434
size [# of strips]

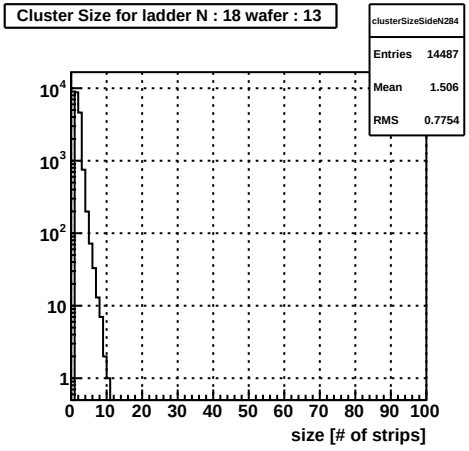

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 19388
Mean 1.444
RMS 0.7101
size [# of strips]

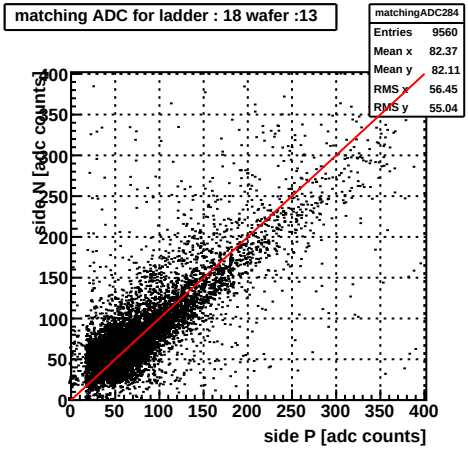

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 7871
Mean x 69.3
Mean y 82.08
RMS x 52.46
RMS y 58.3
side N [adc counts]
side P [adc counts]

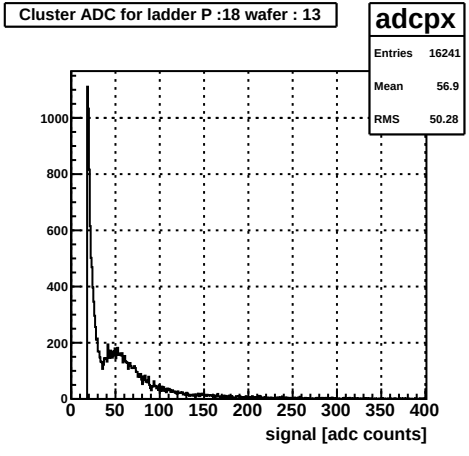

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 12265
Mean 52.73
RMS 50.01
signal [adc counts]

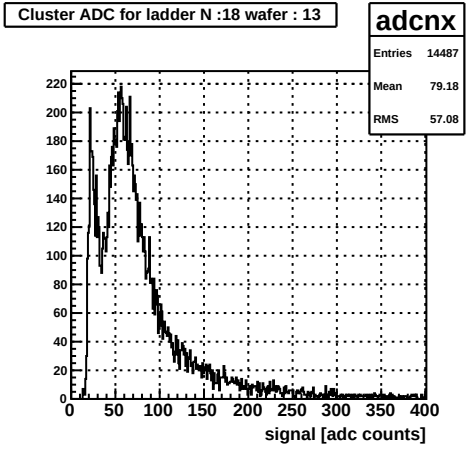

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 19388
Mean 54.17
RMS 52.36
signal [adc counts]

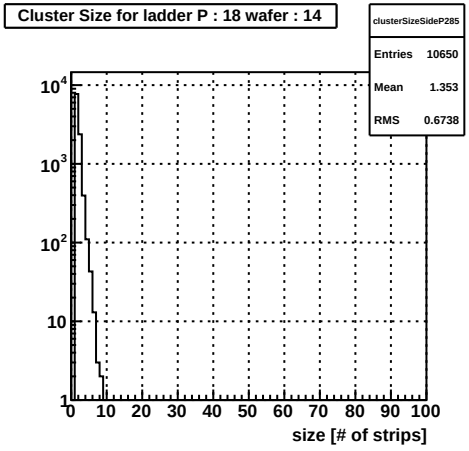

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 16241
Mean 1.277
RMS 0.5988
size [# of strips]

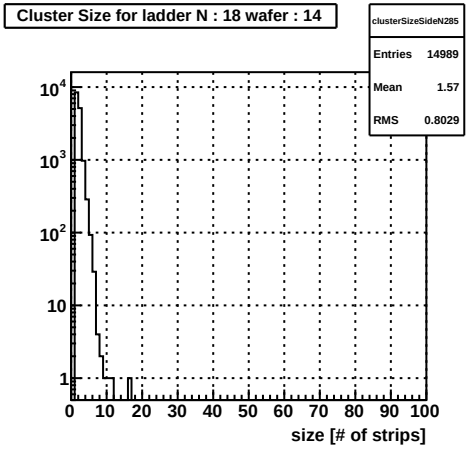

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 14487
Mean 1.506
RMS 0.7754
size [# of strips]

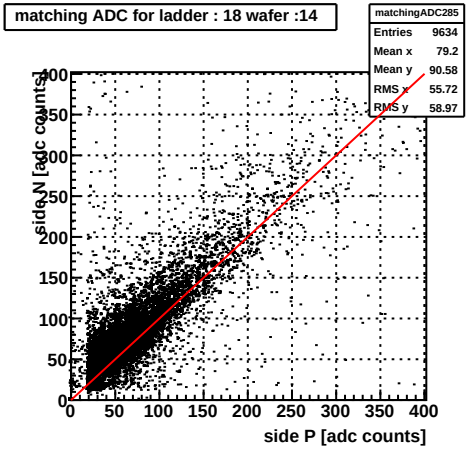

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 9560
Mean x 82.37
Mean y 82.11
RMS x 56.45
RMS y 55.04
side N [adc counts]
side P [adc counts]

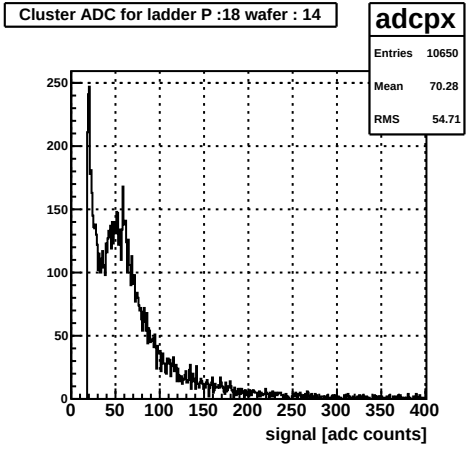

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 16241
Mean 56.9
RMS 50.28
signal [adc counts]

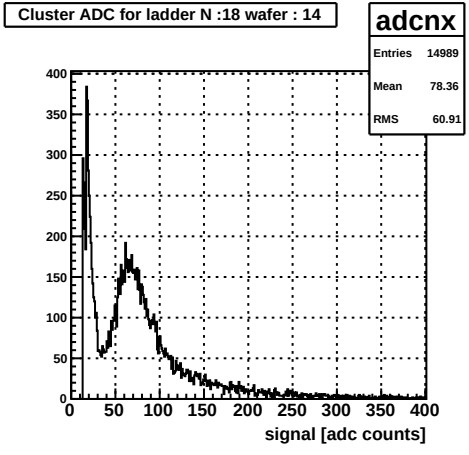

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 14487
Mean 79.18
RMS 57.08
signal [adc counts]

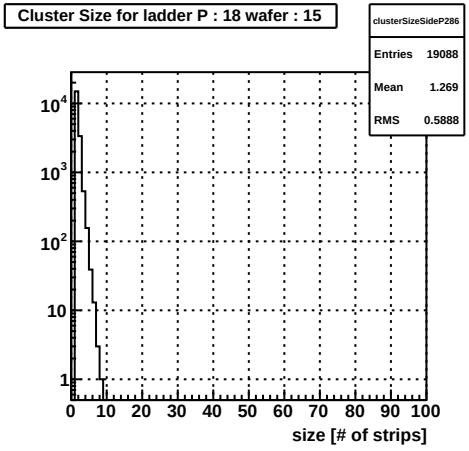

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 10650
Mean 1.353
RMS 0.6738
size [# of strips]

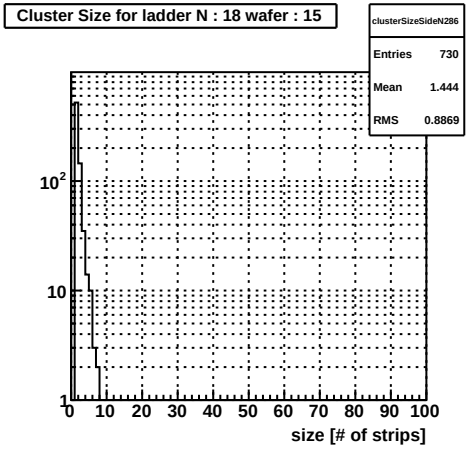

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 14989
Mean 1.57
RMS 0.8029
size [# of strips]

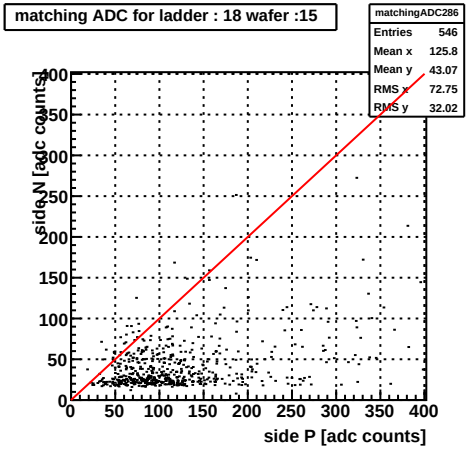

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 9634
Mean x 79.2
Mean y 90.58
RMS x 55.72
RMS y 58.97
side N [adc counts]
side P [adc counts]

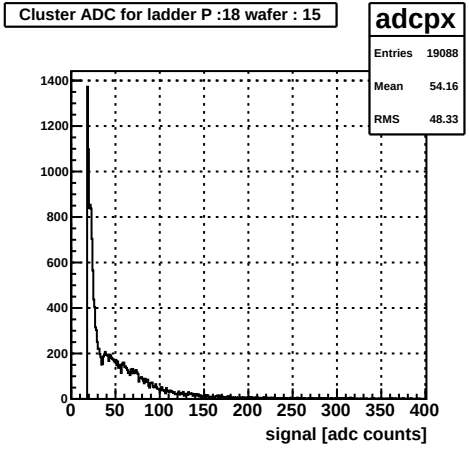

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 10650
Mean 70.28
RMS 54.71
signal [adc counts]

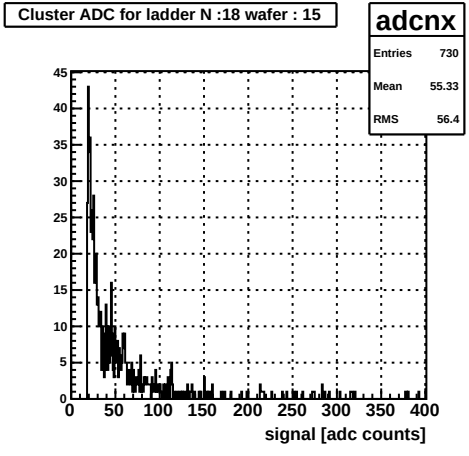

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 14989
Mean 78.36
RMS 60.91
signal [adc counts]

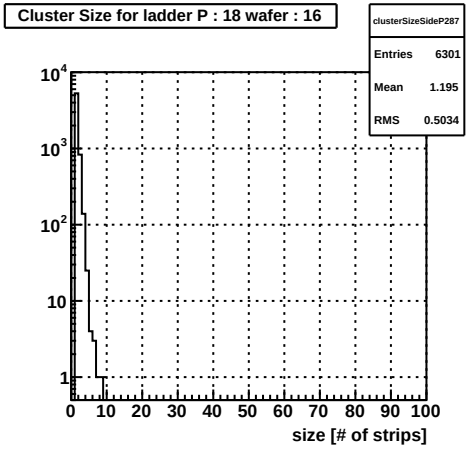

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 19088
Mean 1.269
RMS 0.5888
size [# of strips]

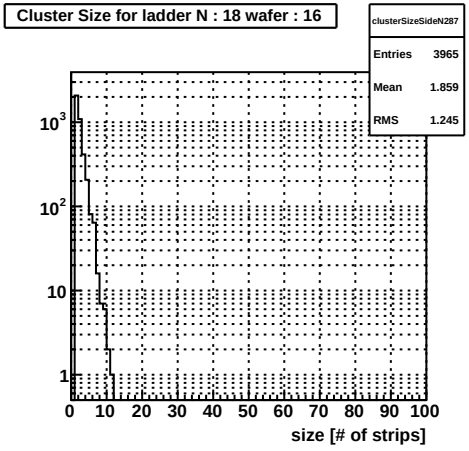

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 730
Mean 1.444
RMS 0.8869
size [# of strips]

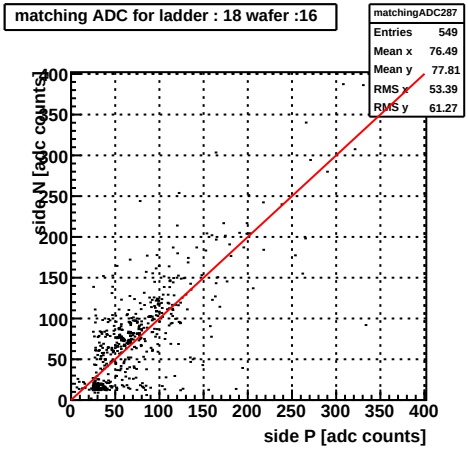

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 546
Mean x 125.8
Mean y 43.07
RMS x 72.75
RMS y 32.02
side N [adc counts]
side P [adc counts]

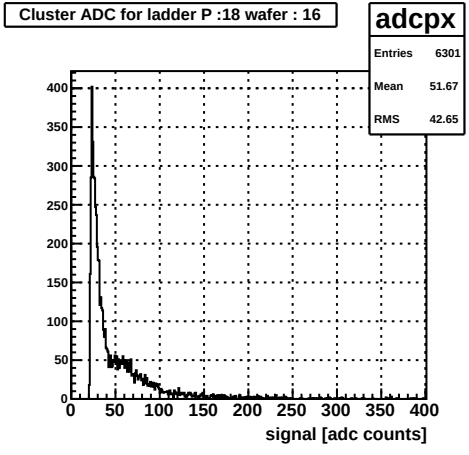

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 19088
Mean 54.16
RMS 48.33
signal [adc counts]

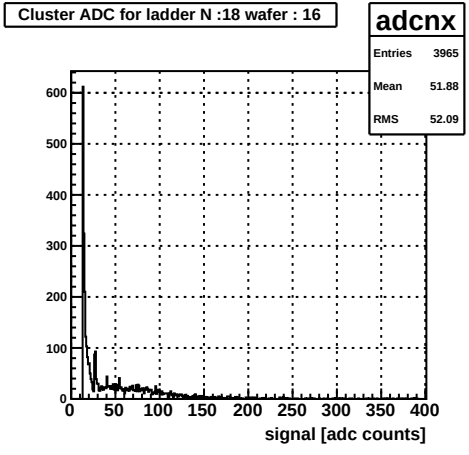

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 730
Mean 55.33
RMS 56.4
signal [adc counts]

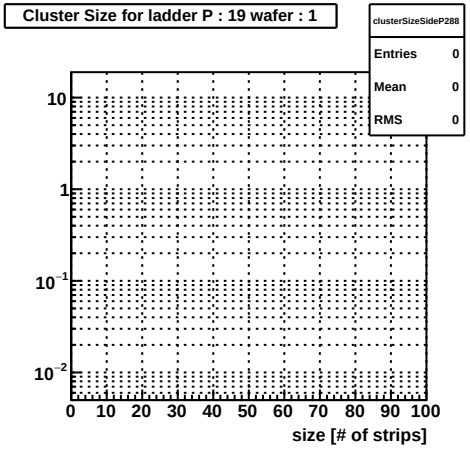

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6301
Mean 1.195
RMS 0.5034
size [# of strips]

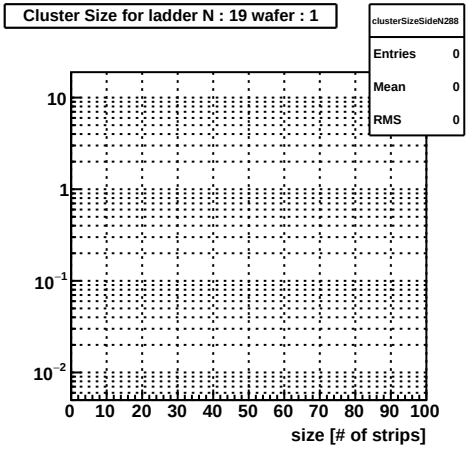

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 3965
Mean 1.859
RMS 1.245
size [# of strips]

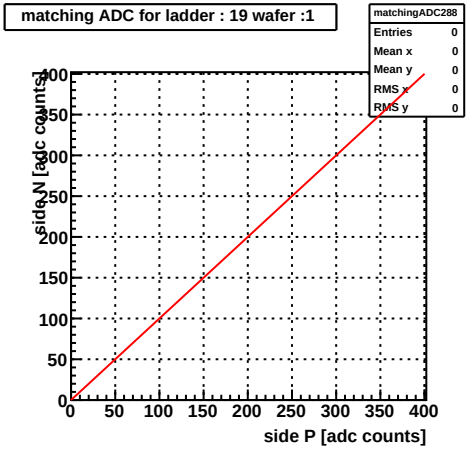

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 549
Mean x 76.49
Mean y 77.81
RMS x 53.39
RMS y 61.27
side N [adc counts]
side P [adc counts]

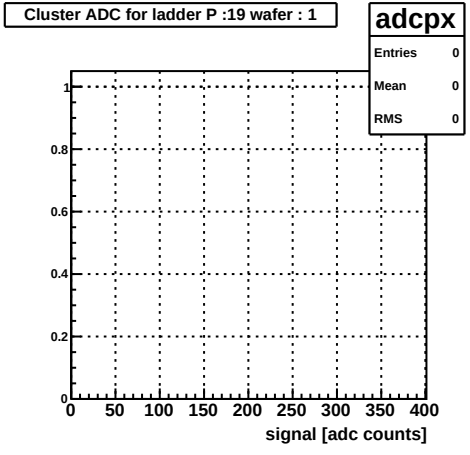

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6301
Mean 51.67
RMS 42.65
signal [adc counts]

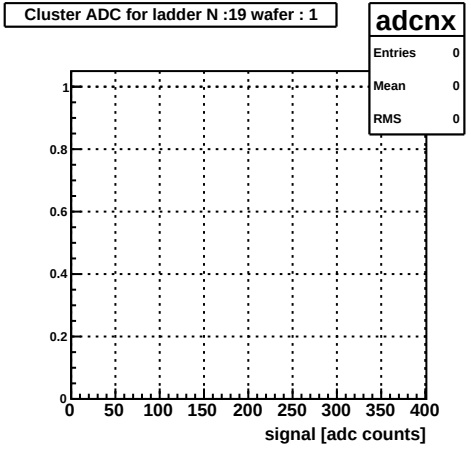

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 3965
Mean 51.88
RMS 52.09
signal [adc counts]

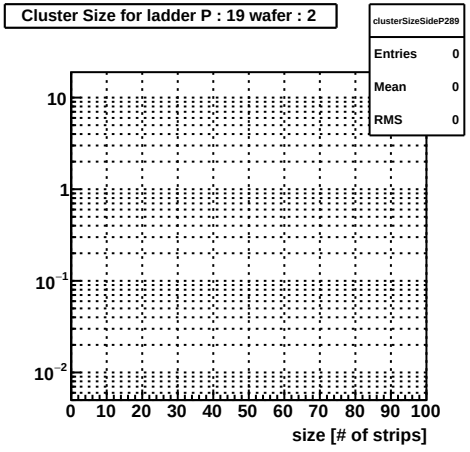

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

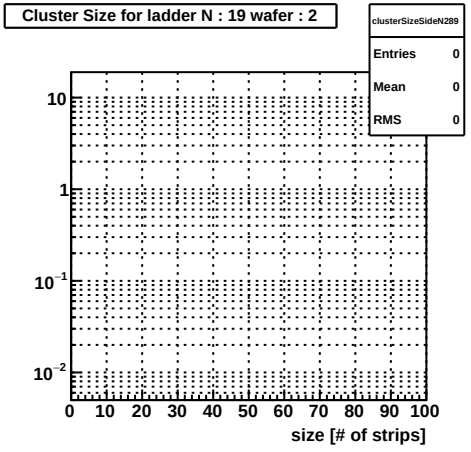

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

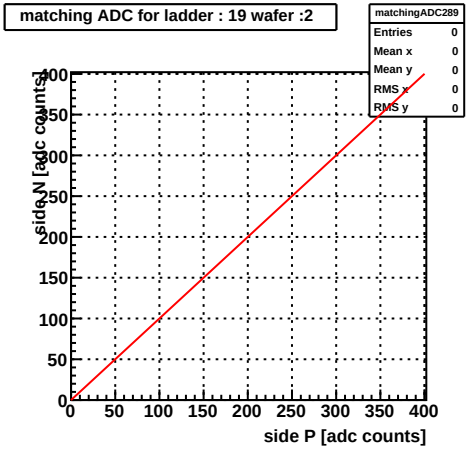

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

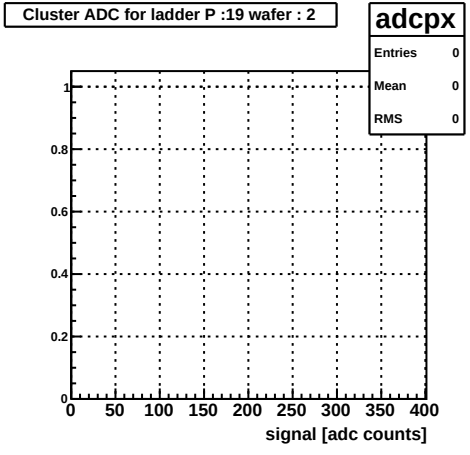

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

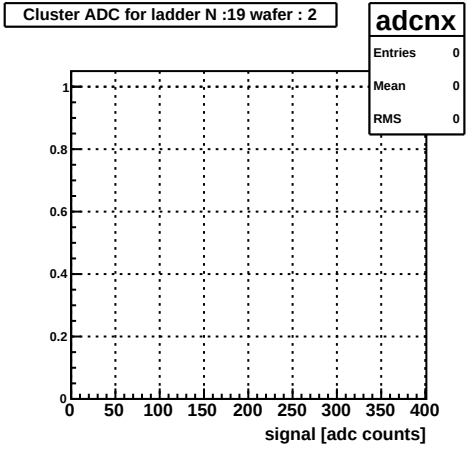

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

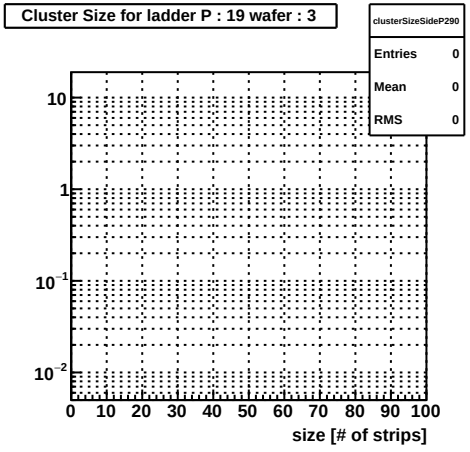

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

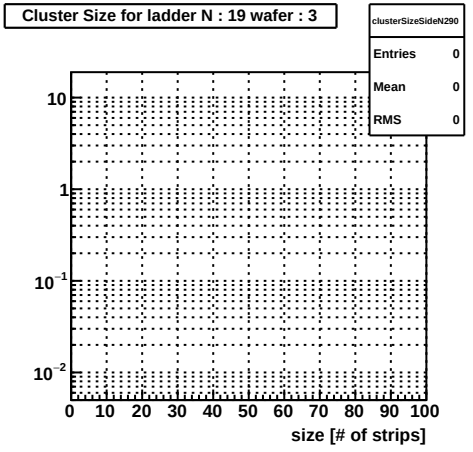

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

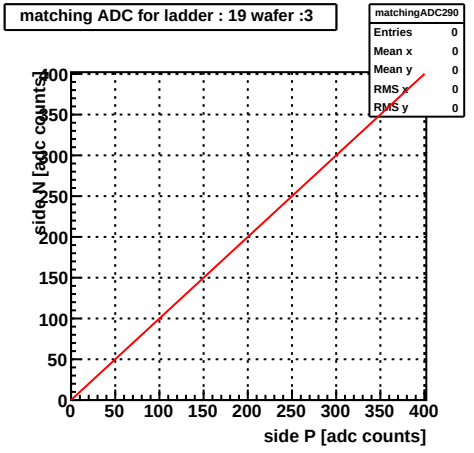

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

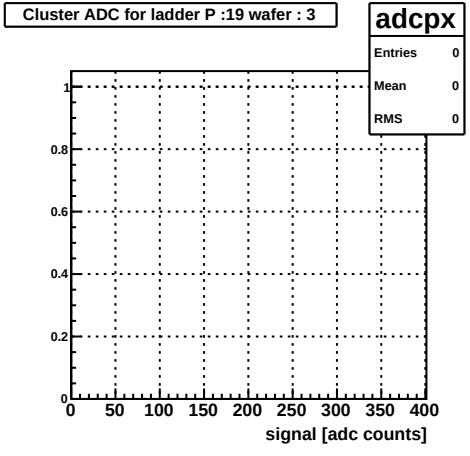

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

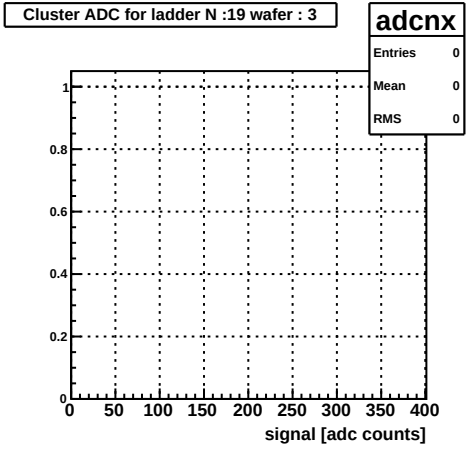

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

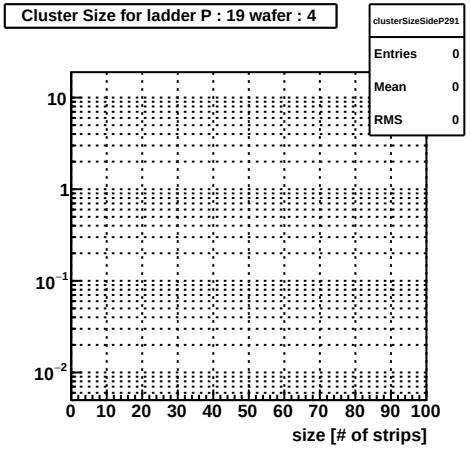

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

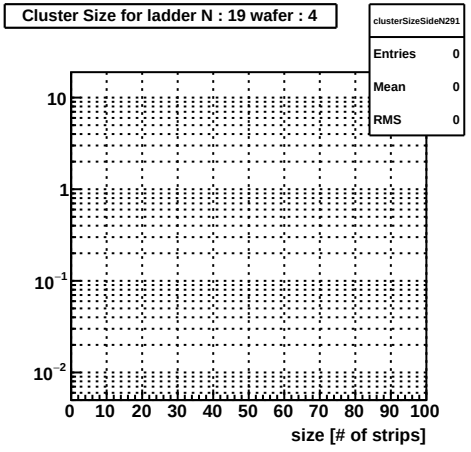

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

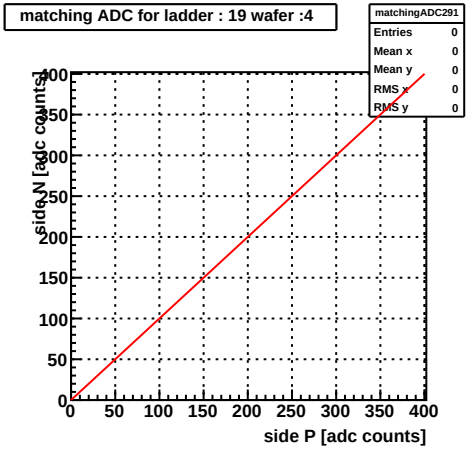

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

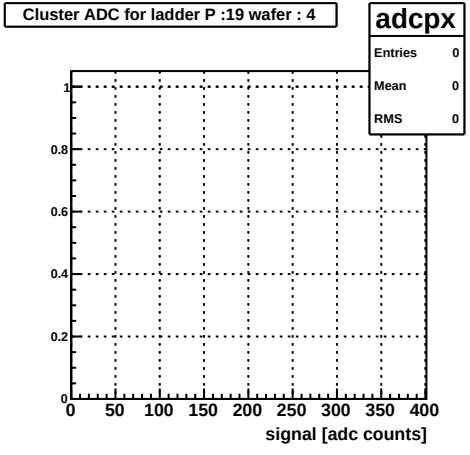

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

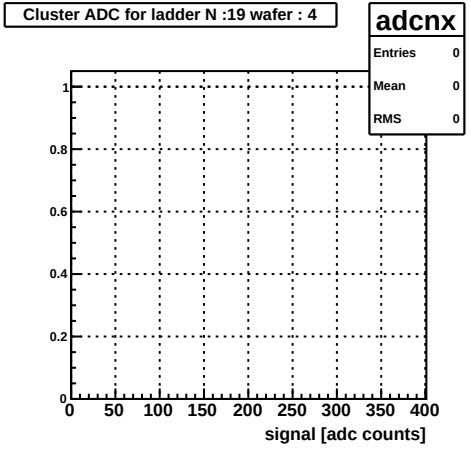

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

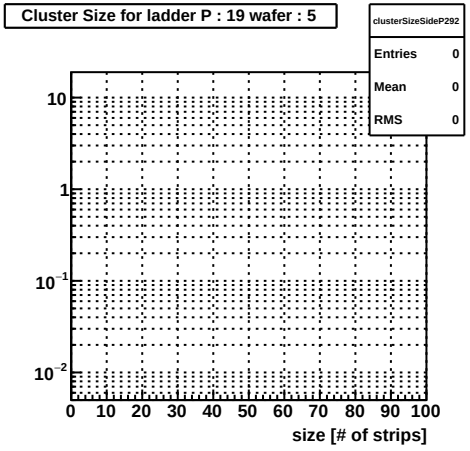

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

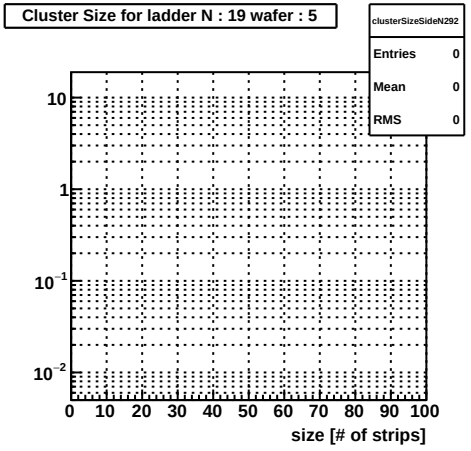

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

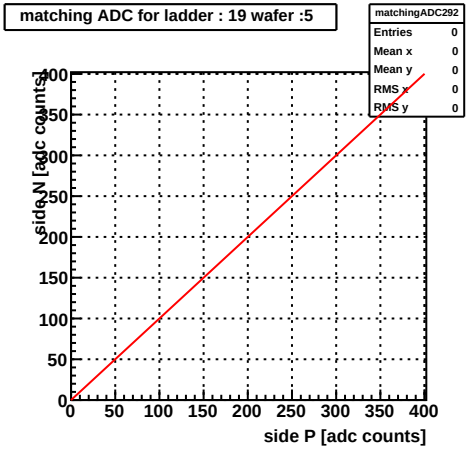

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

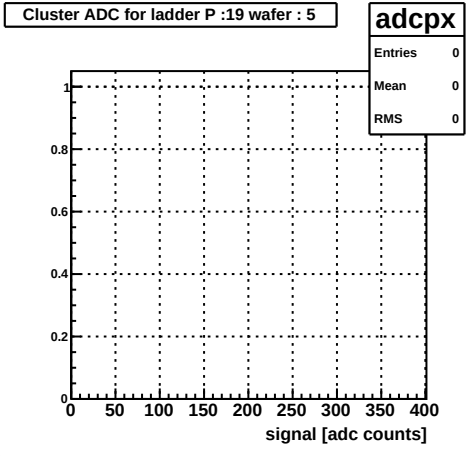

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

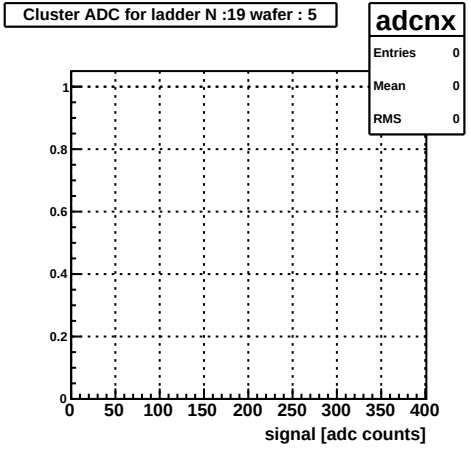

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

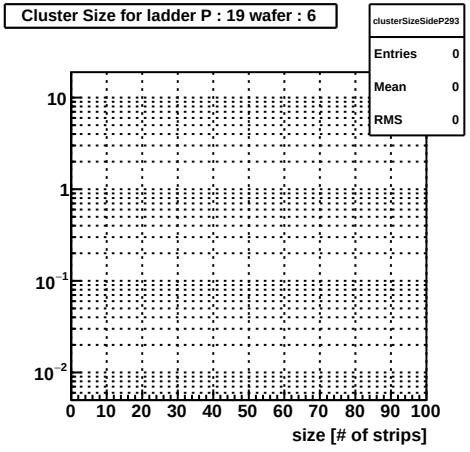

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

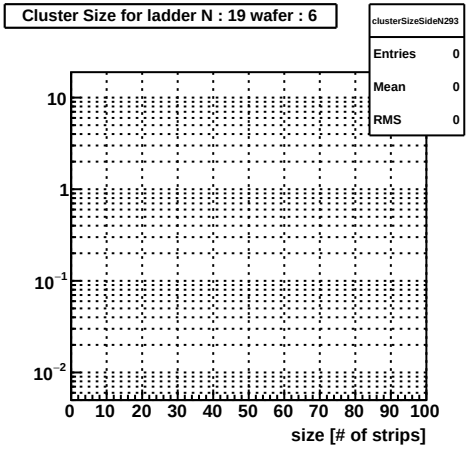

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

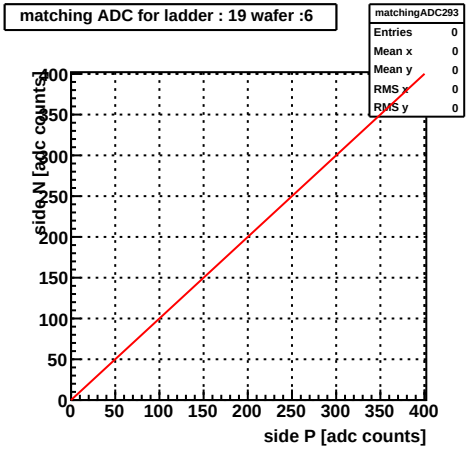

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

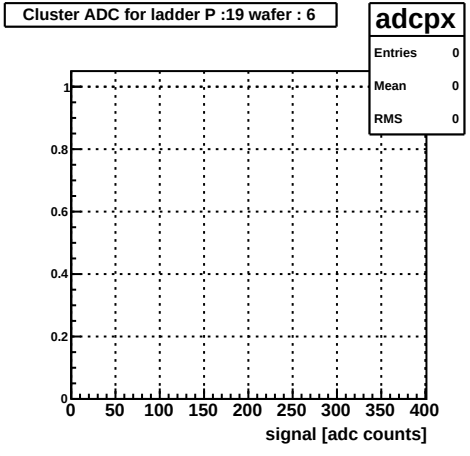

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

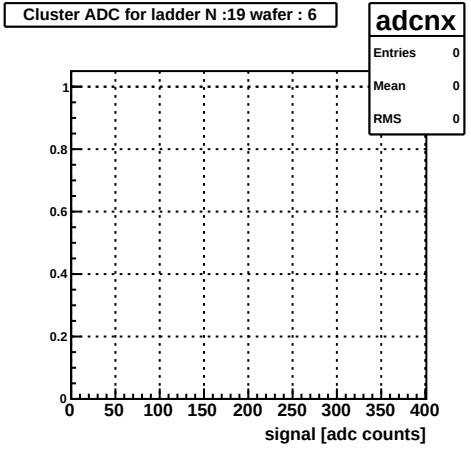

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

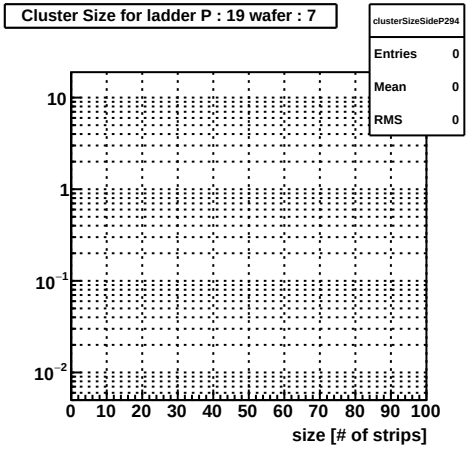

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

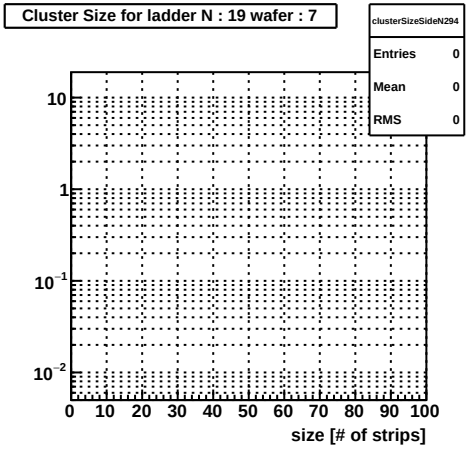

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

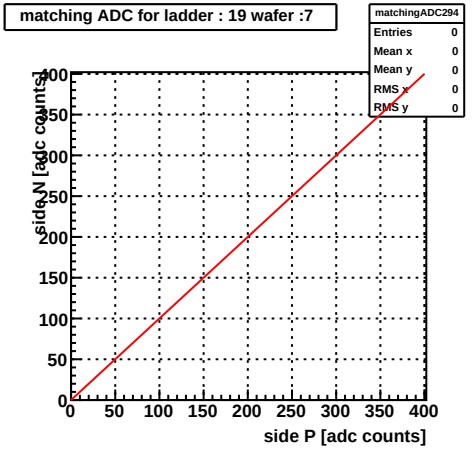

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

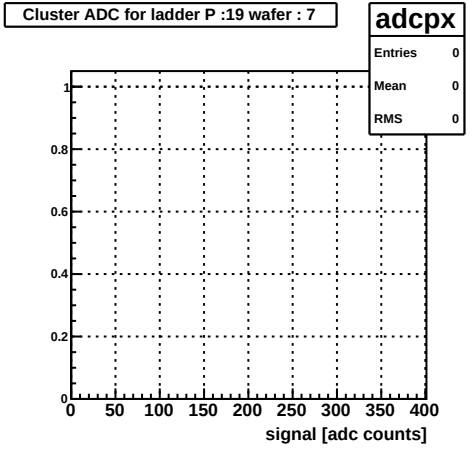

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

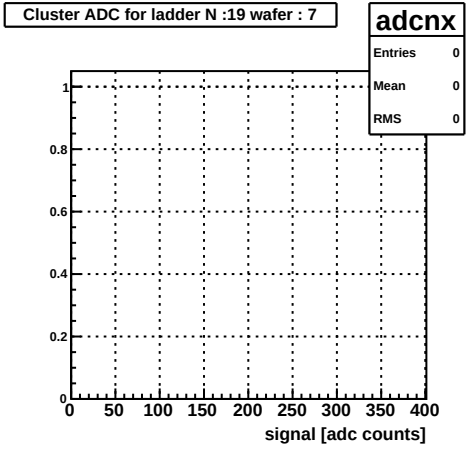

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

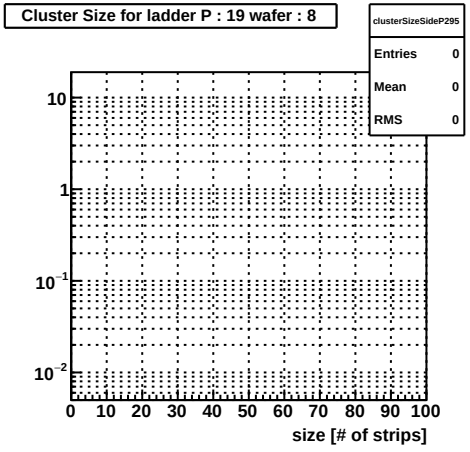

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

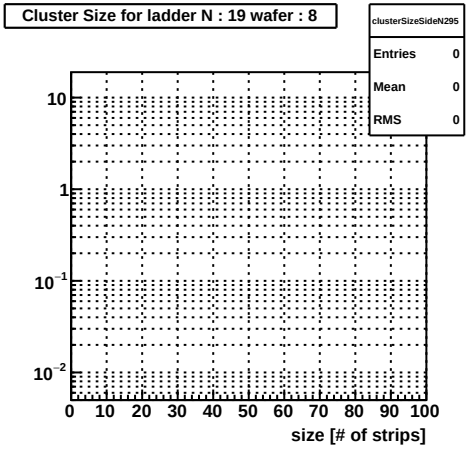

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

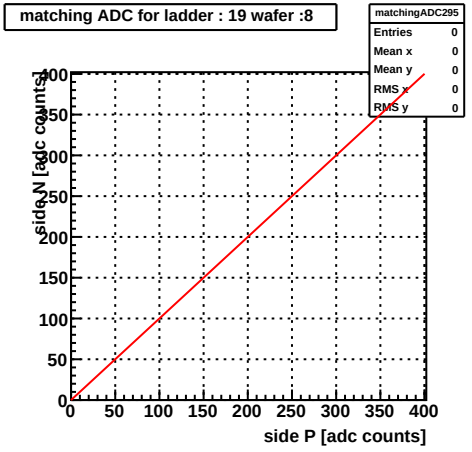

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

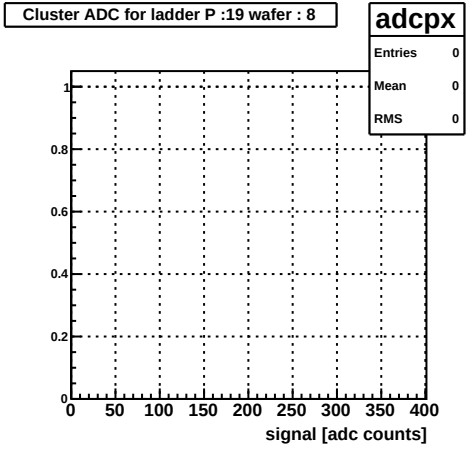

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

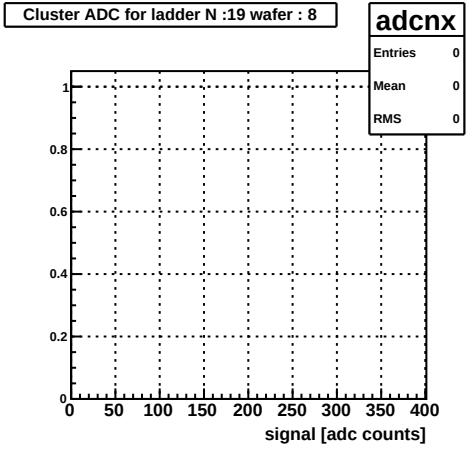

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

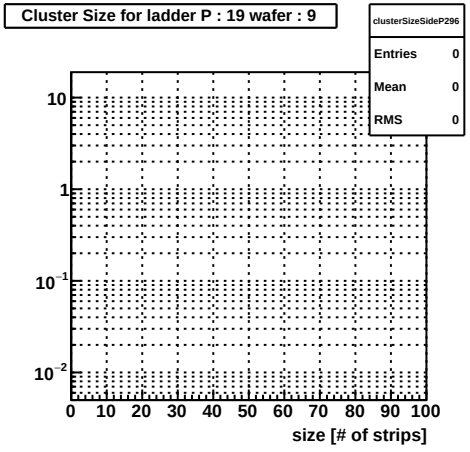

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

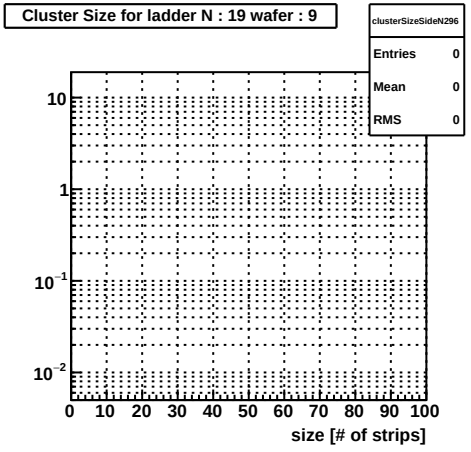

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

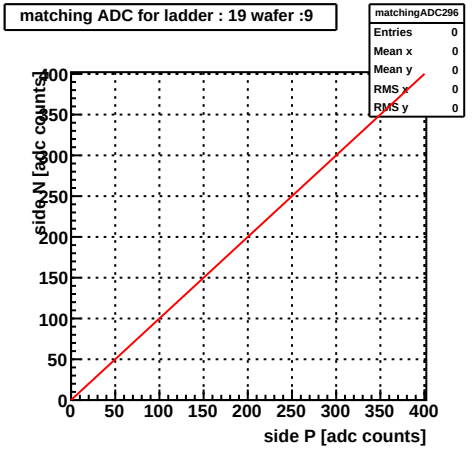

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

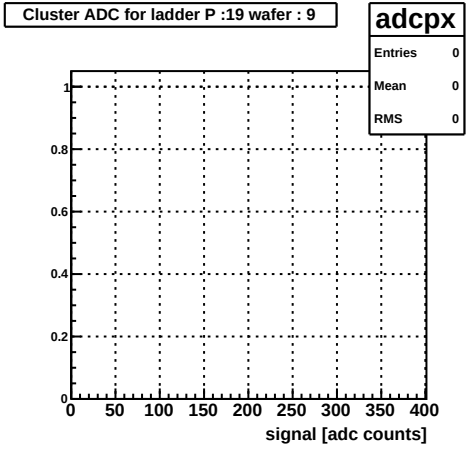

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

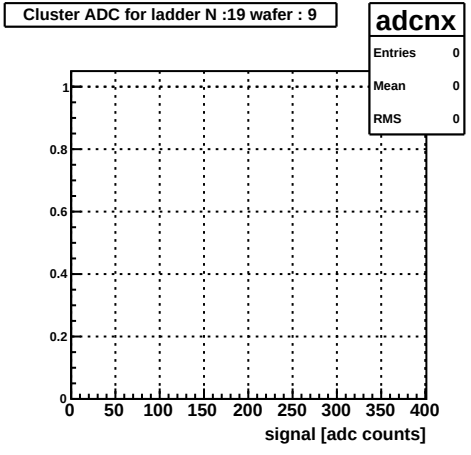

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

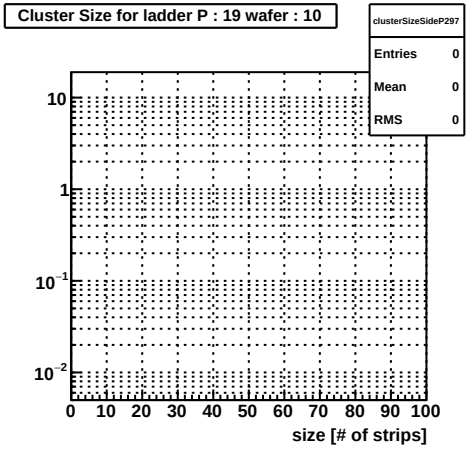

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

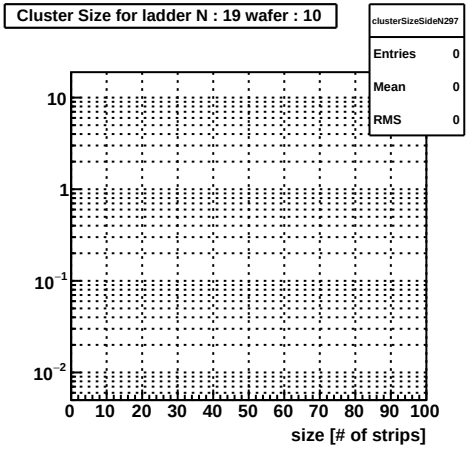

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

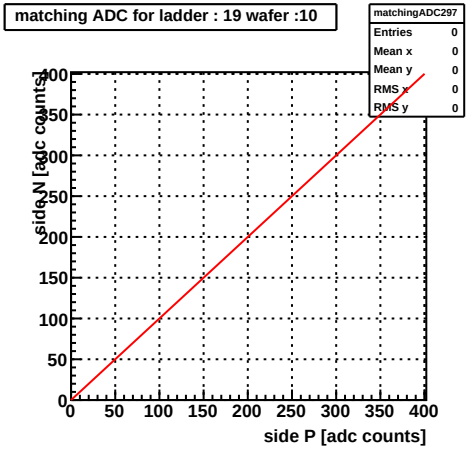

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

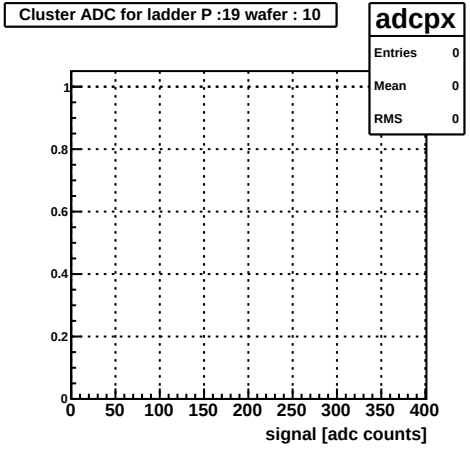

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

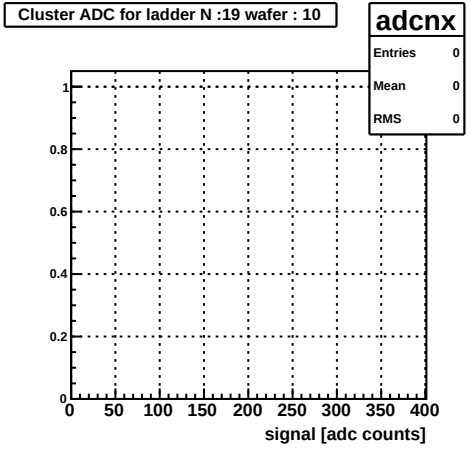

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

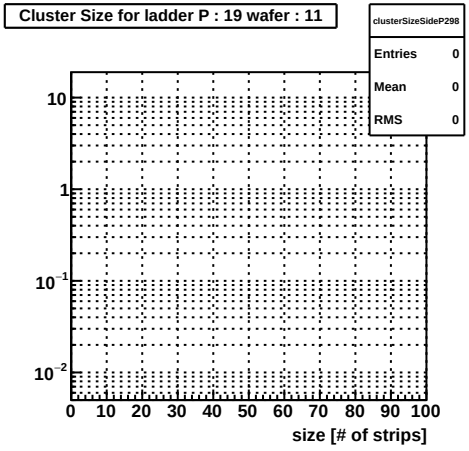

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

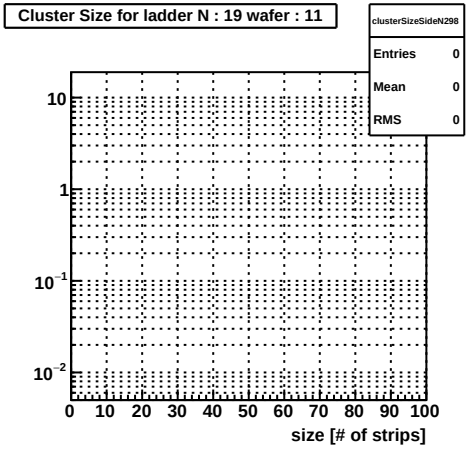

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

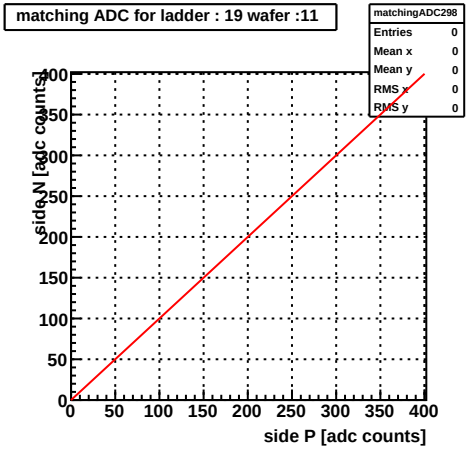

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

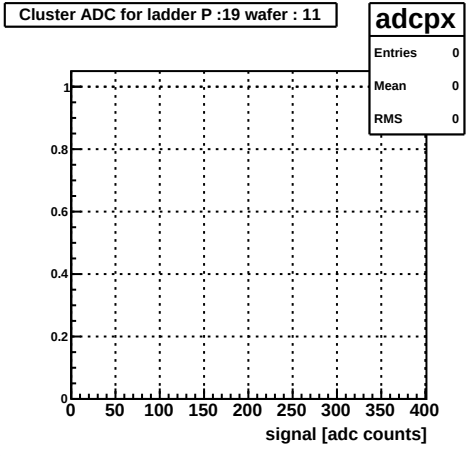

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

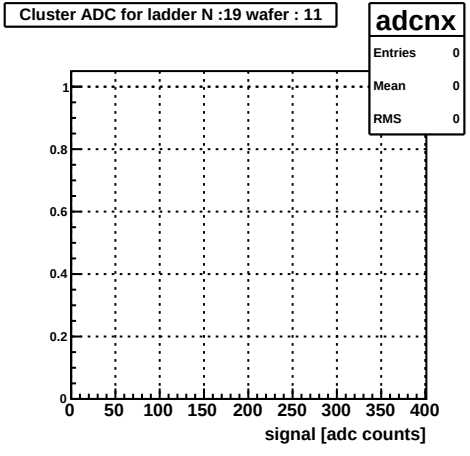

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

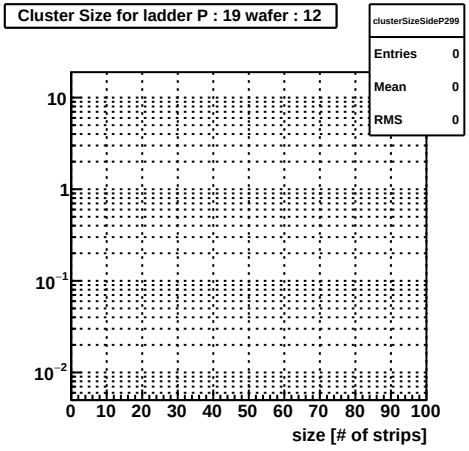

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

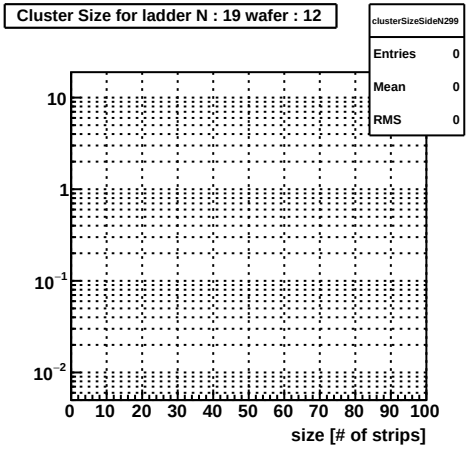

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

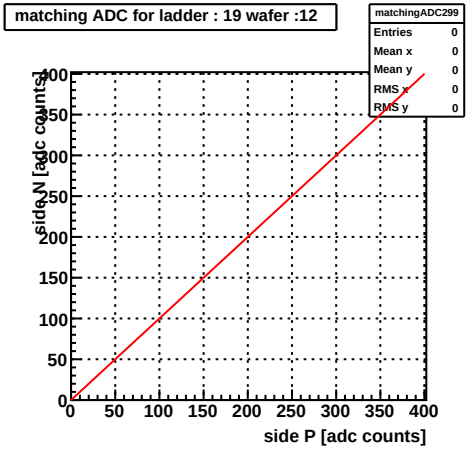

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

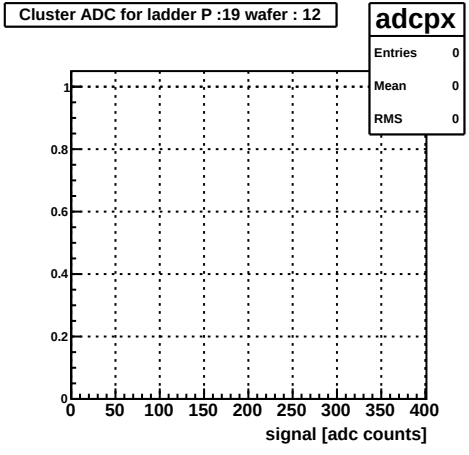

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

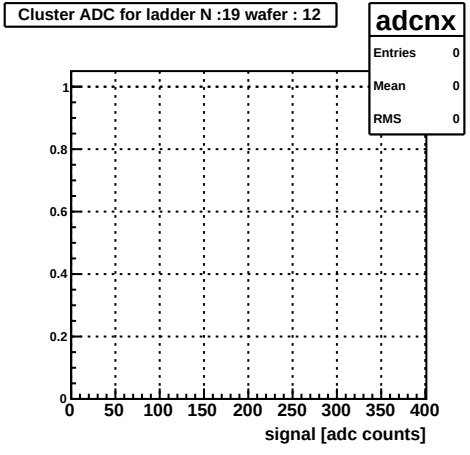

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

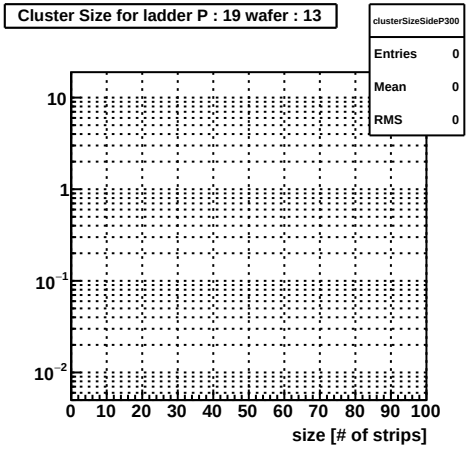

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

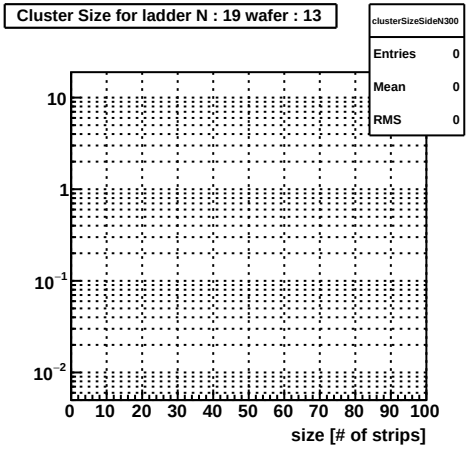

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

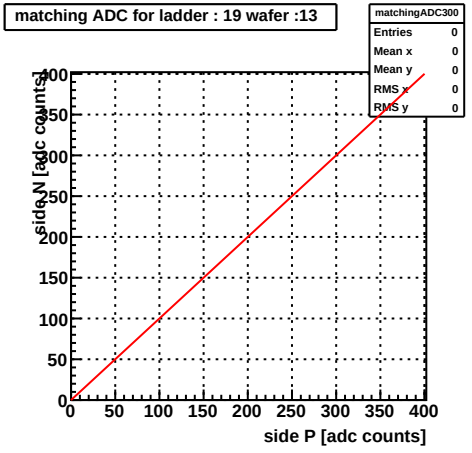

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

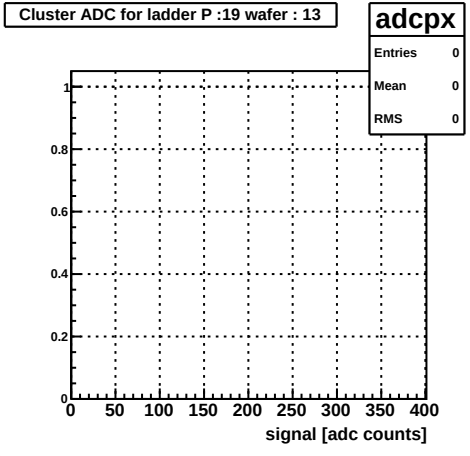

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

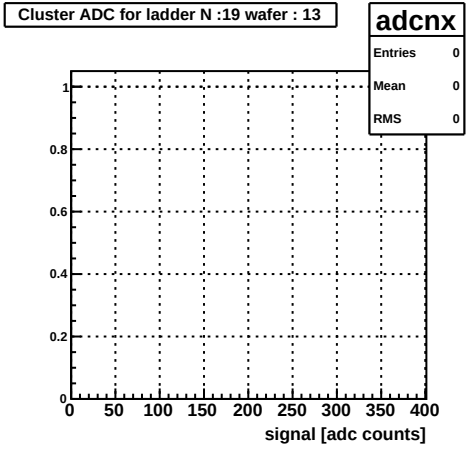

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

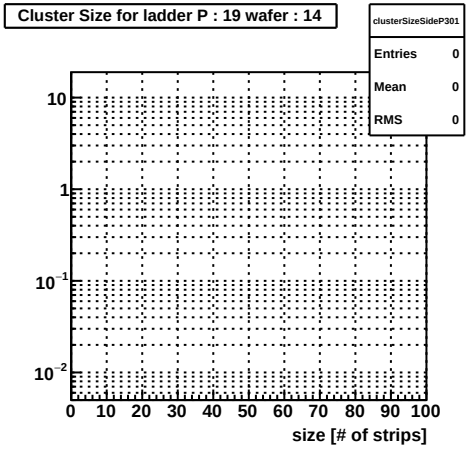

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

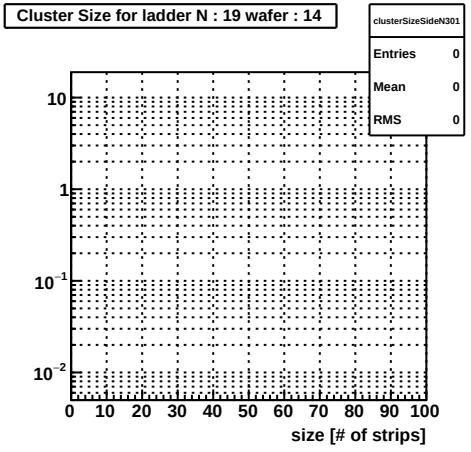

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

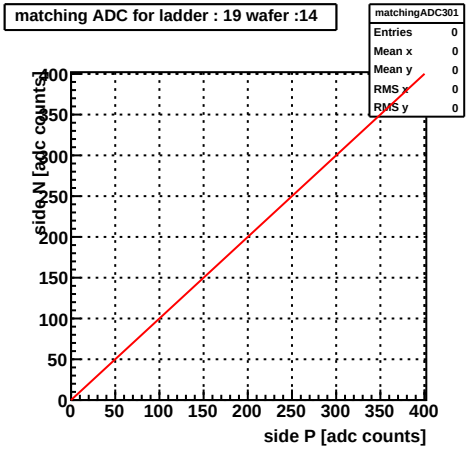

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

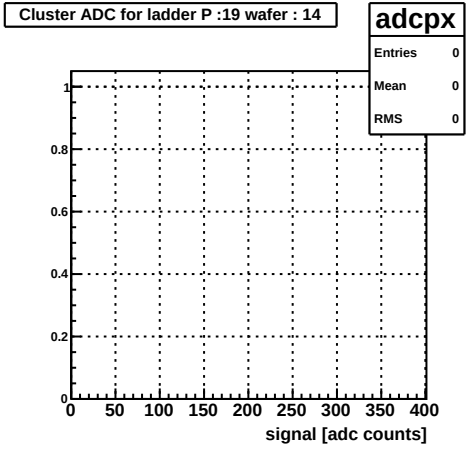

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

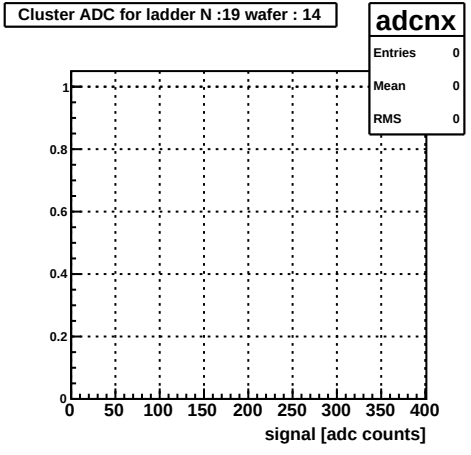

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

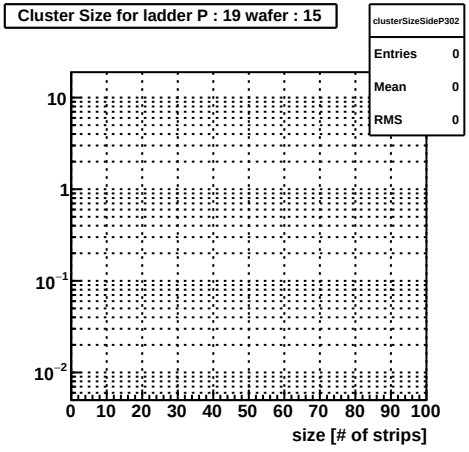

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

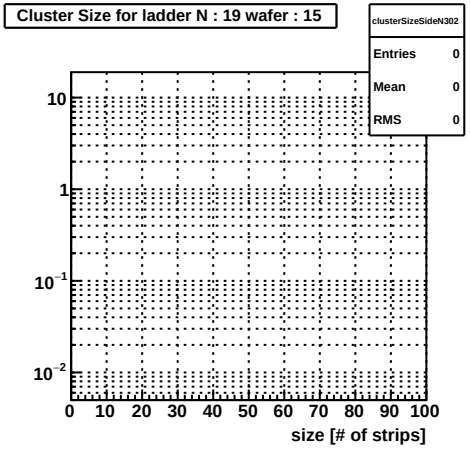

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

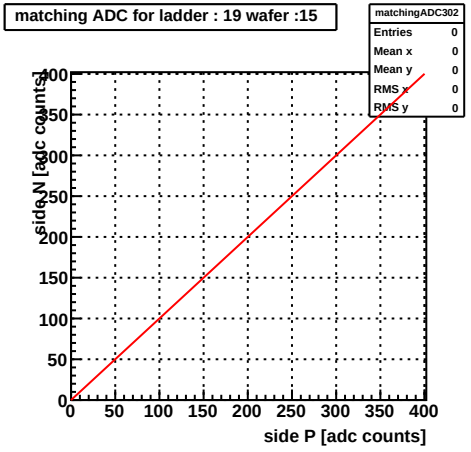

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

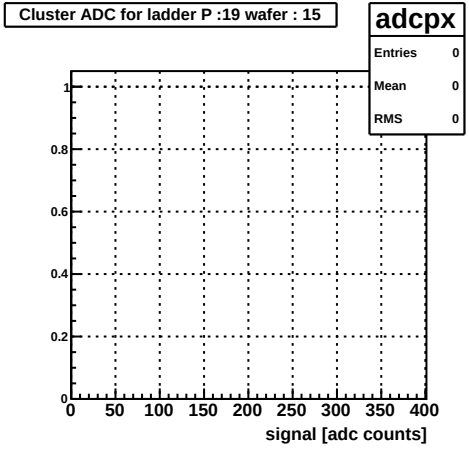

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

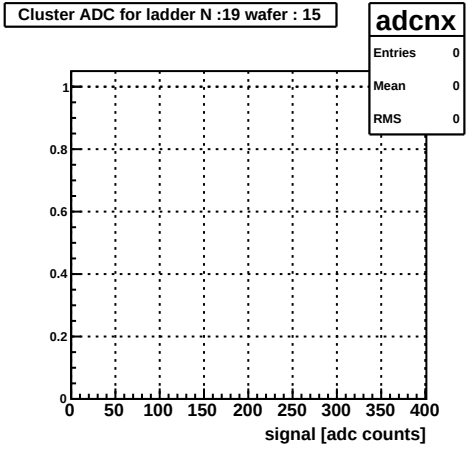

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

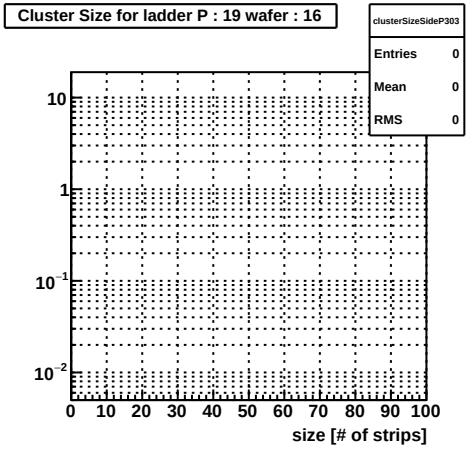

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

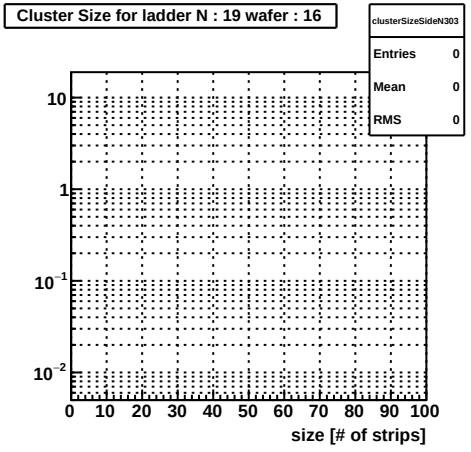

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

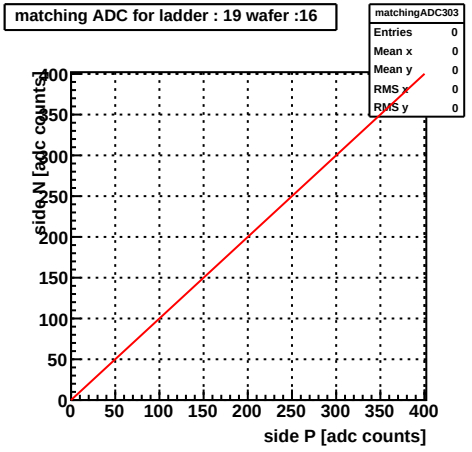

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

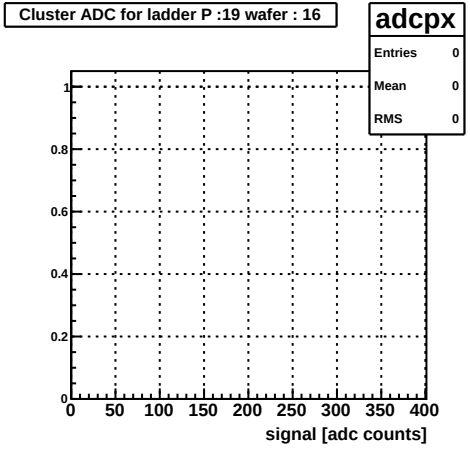

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

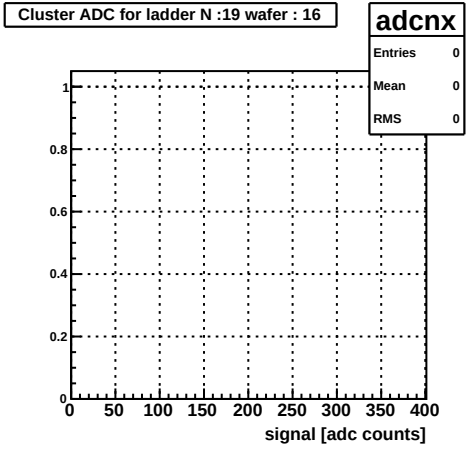

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

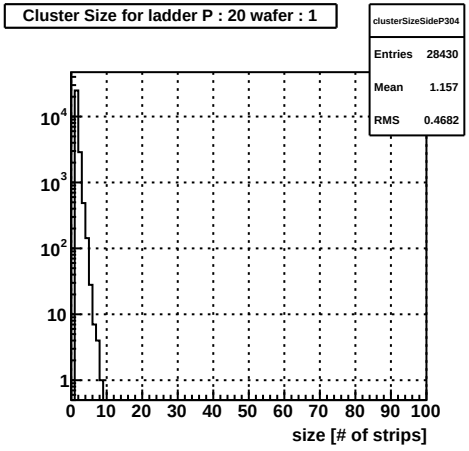

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

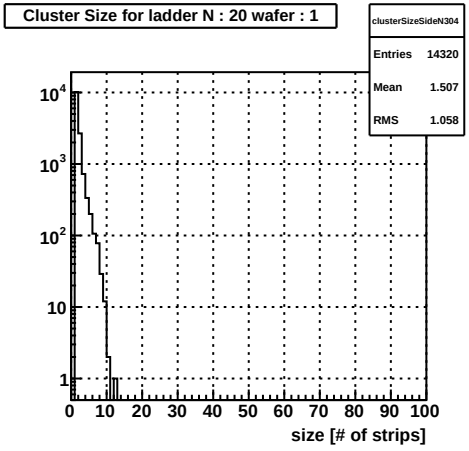

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

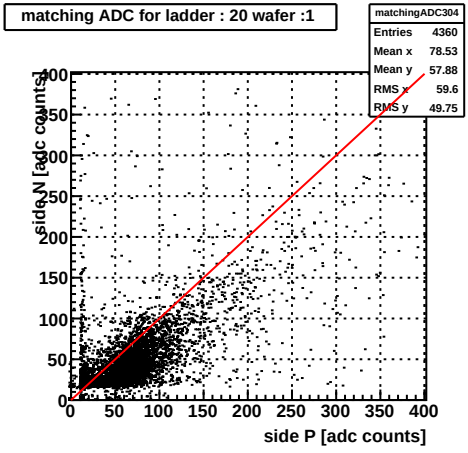

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

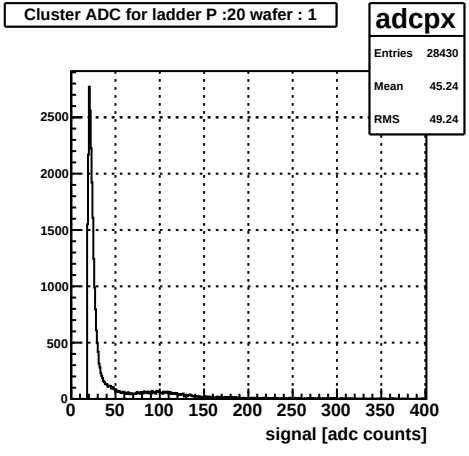

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

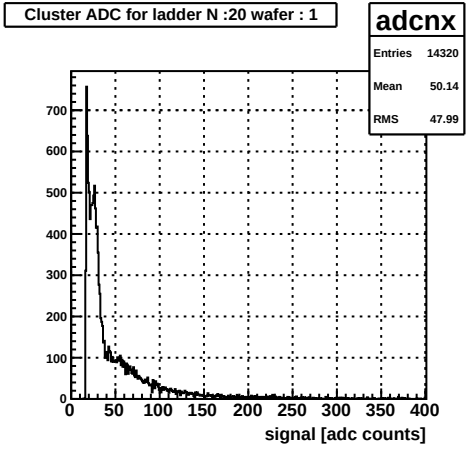

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

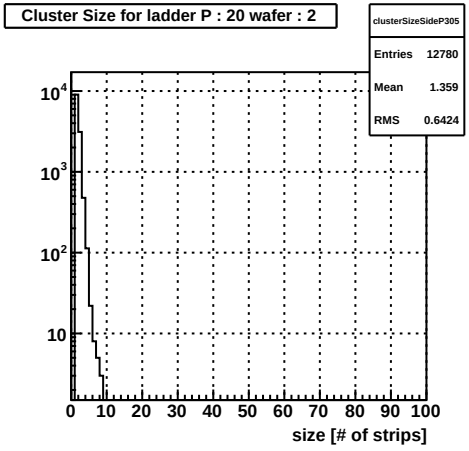

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 28430
Mean 1.157
RMS 0.4682
size [# of strips]

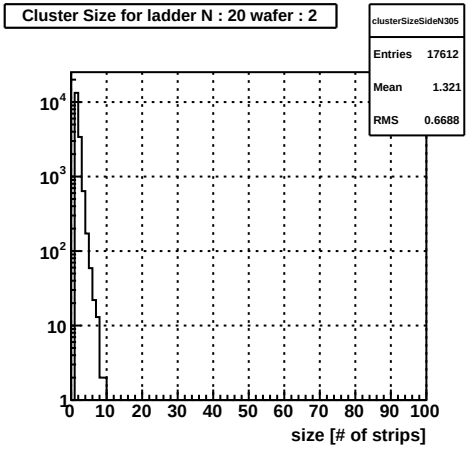

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 14320
Mean 1.507
RMS 1.058
size [# of strips]

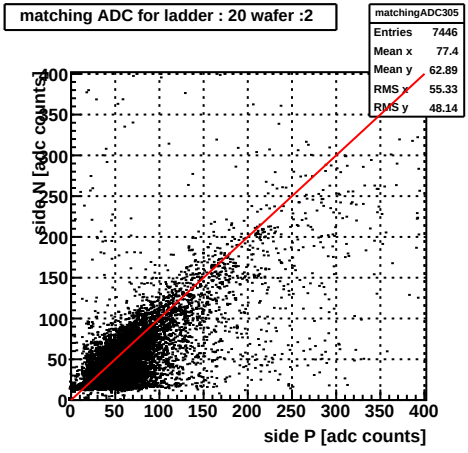

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4360
Mean x 78.53
Mean y 57.88
RMS x 59.6
RMS y 49.75
side N [adc counts]
side P [adc counts]

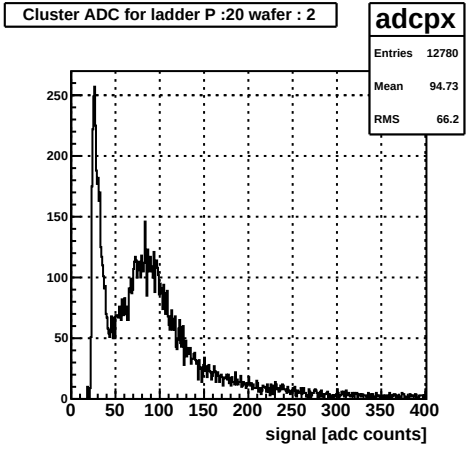

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 28430
Mean 45.24
RMS 49.24
signal [adc counts]

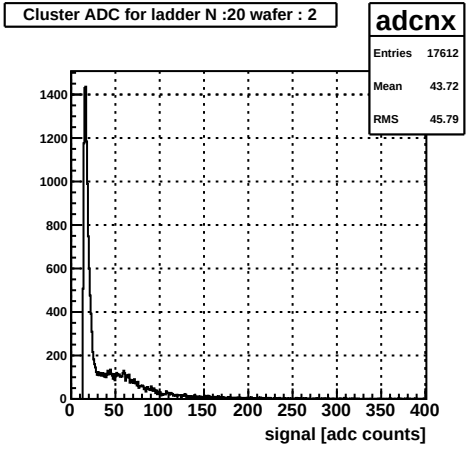

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 14320
Mean 50.14
RMS 47.99
signal [adc counts]

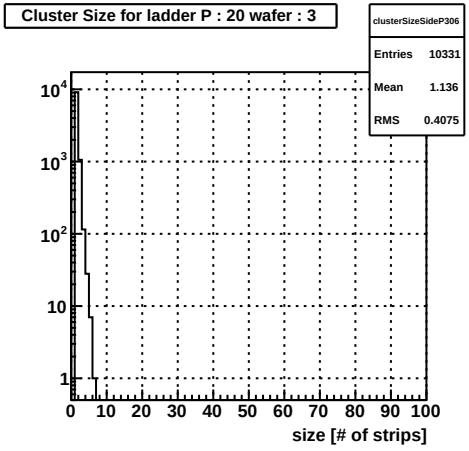

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 12780
Mean 1.359
RMS 0.6424
size [# of strips]

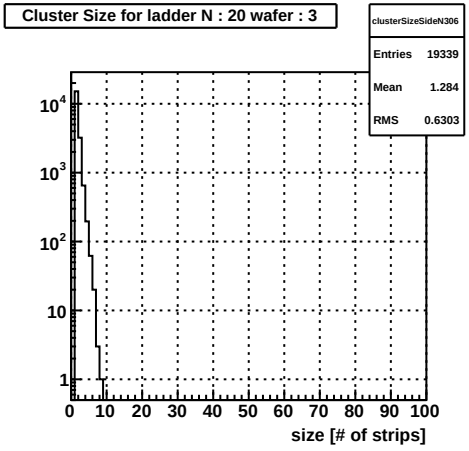

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 17612
Mean 1.321
RMS 0.6688
size [# of strips]

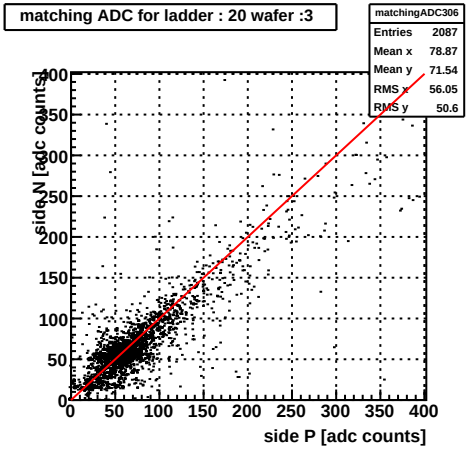

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 7446
Mean x 77.4
Mean y 62.89
RMS x 55.33
RMS y 48.14
side N [adc counts]
side P [adc counts]

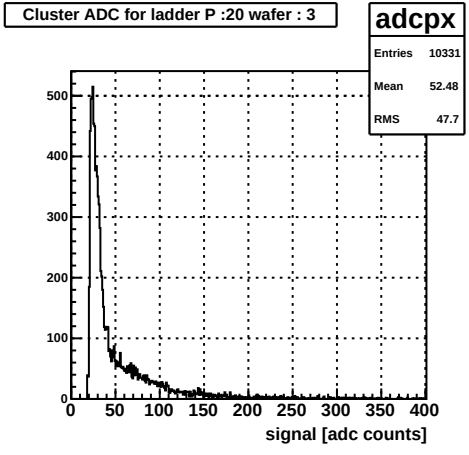

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 12780
Mean 94.73
RMS 66.2
signal [adc counts]

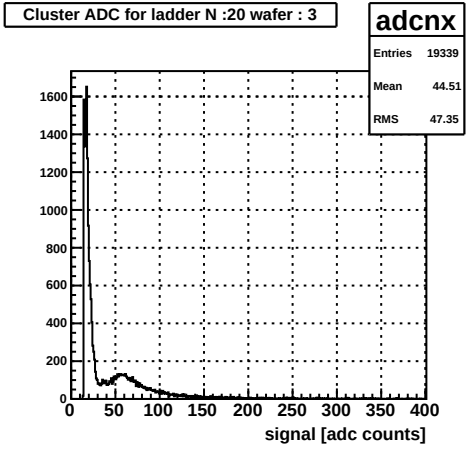

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 17612
Mean 43.72
RMS 45.79
signal [adc counts]

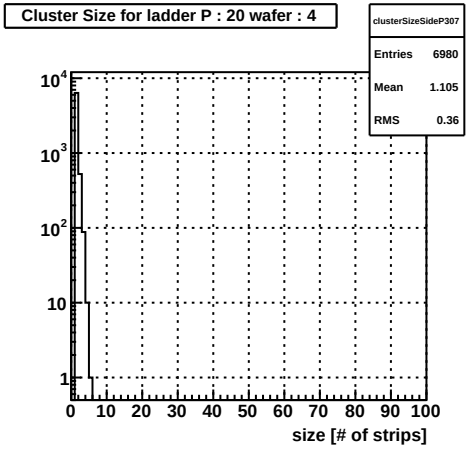

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 10331
Mean 1.136
RMS 0.4075
size [# of strips]

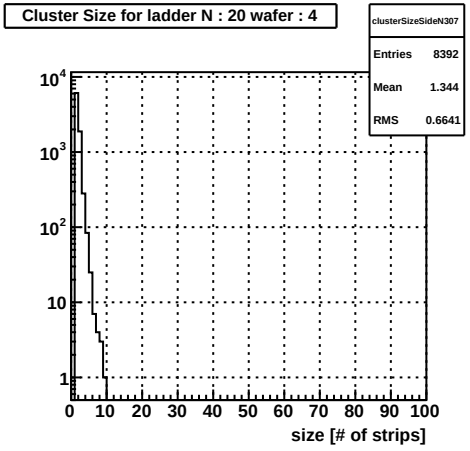

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 19339
Mean 1.284
RMS 0.6303
size [# of strips]

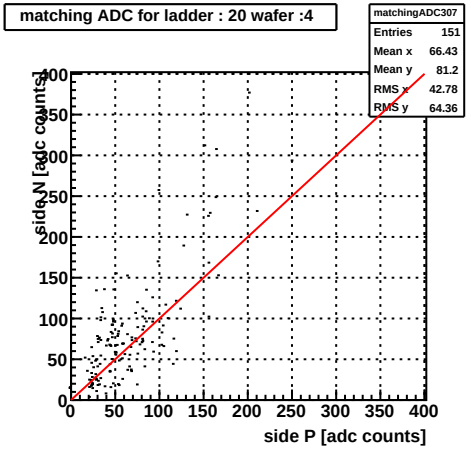

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2087
Mean x 78.87
Mean y 71.54
RMS x 56.05
RMS y 50.6
side N [adc counts]
side P [adc counts]

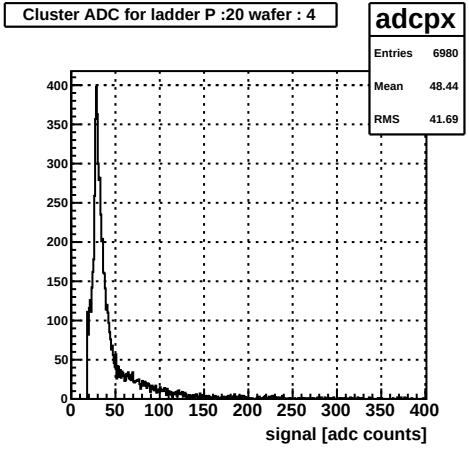

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 10331
Mean 52.48
RMS 47.7
signal [adc counts]

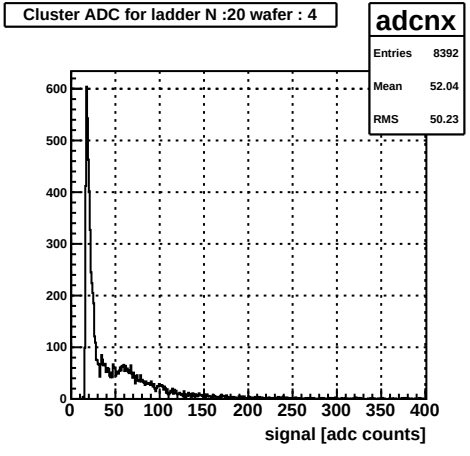

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 19339
Mean 44.51
RMS 47.35
signal [adc counts]

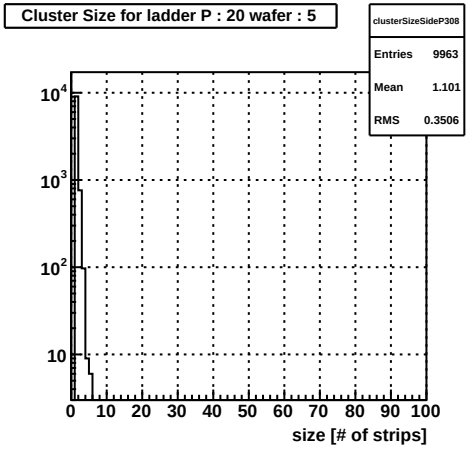

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6980
Mean 1.105
RMS 0.36
size [# of strips]

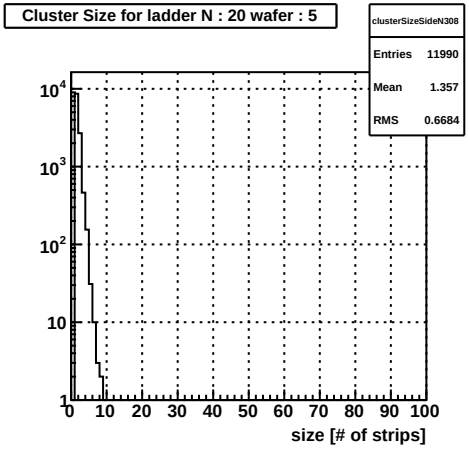

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 8392
Mean 1.344
RMS 0.6641
size [# of strips]

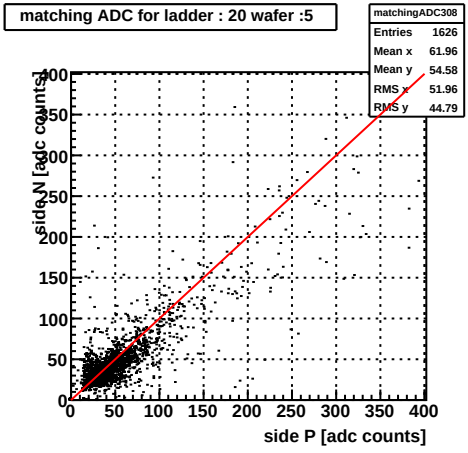

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 151
Mean x 66.43
Mean y 81.2
RMS x 42.78
RMS y 64.36
side N [adc counts]
side P [adc counts]

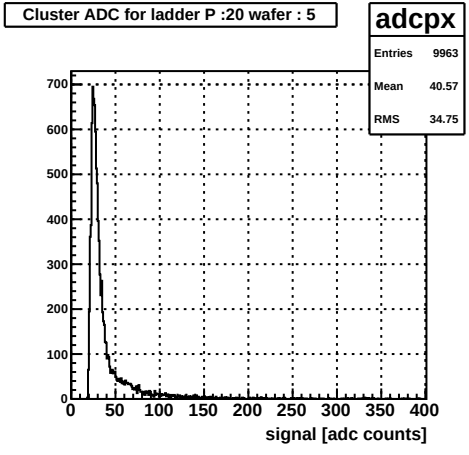

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6980
Mean 48.44
RMS 41.69
signal [adc counts]

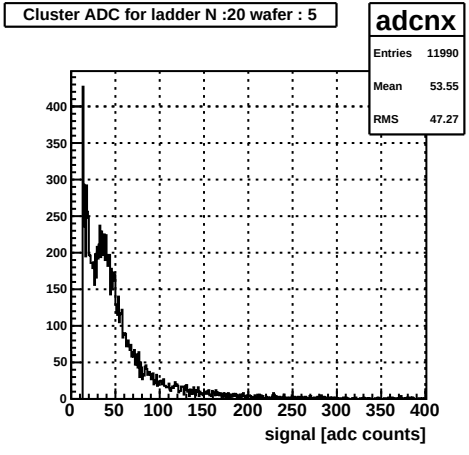

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 8392
Mean 52.04
RMS 50.23
signal [adc counts]

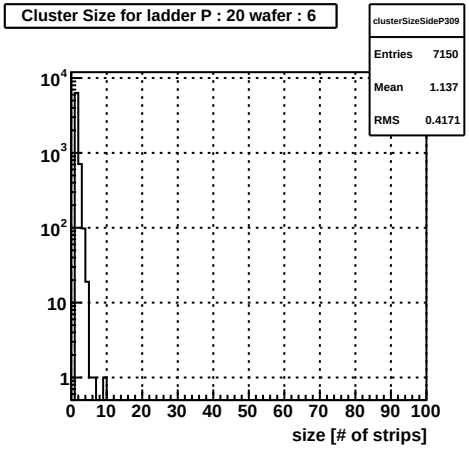

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 9963
Mean 1.101
RMS 0.3506
size [# of strips]

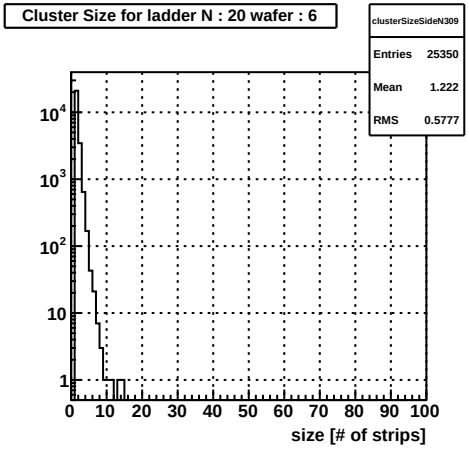

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 11990
Mean 1.357
RMS 0.6684
size [# of strips]

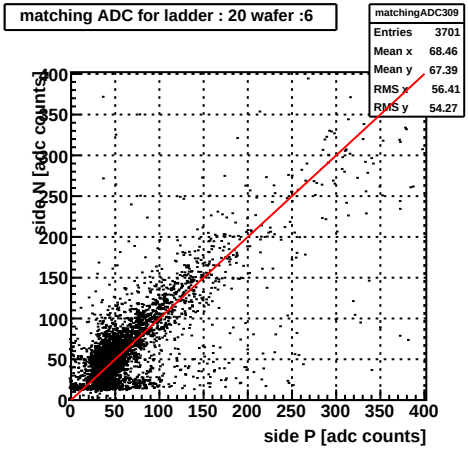

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1626
Mean x 61.96
Mean y 54.58
RMS x 51.96
RMS y 44.79
side N [adc counts]
side P [adc counts]

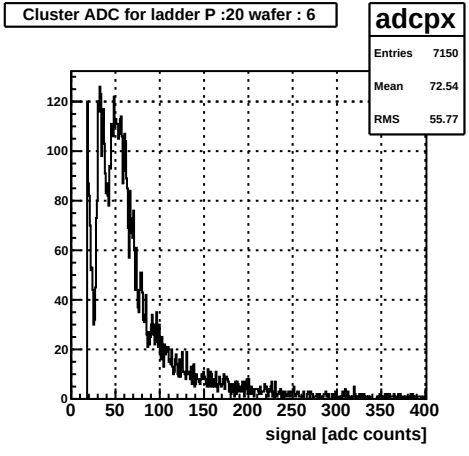

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 9963
Mean 40.57
RMS 34.75
signal [adc counts]

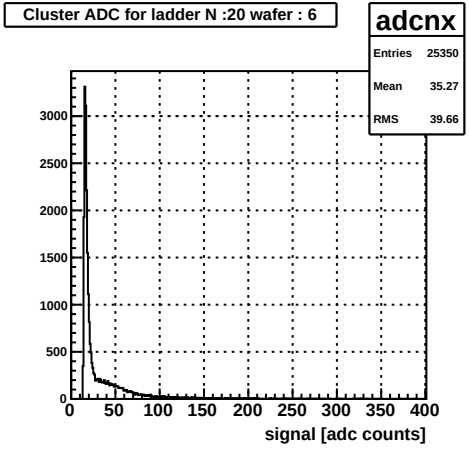

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 11990
Mean 53.55
RMS 47.27
signal [adc counts]

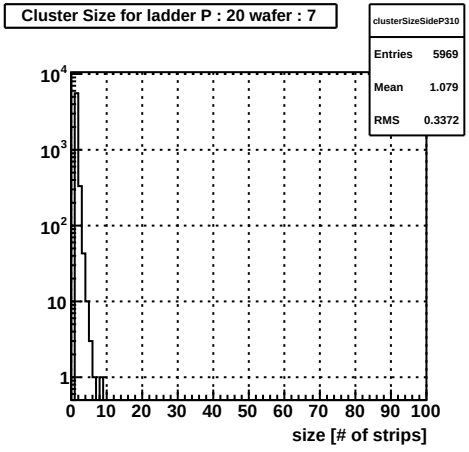

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 7150
Mean 1.137
RMS 0.4171
size [# of strips]

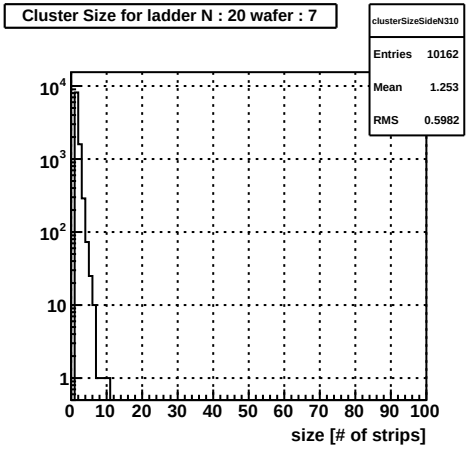

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 25350
Mean 1.222
RMS 0.5777
size [# of strips]

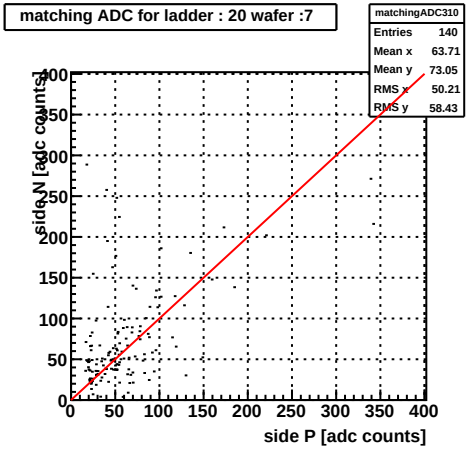

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3701
Mean x 68.46
Mean y 67.39
RMS x 56.41
RMS y 54.27
side N [adc counts]
side P [adc counts]

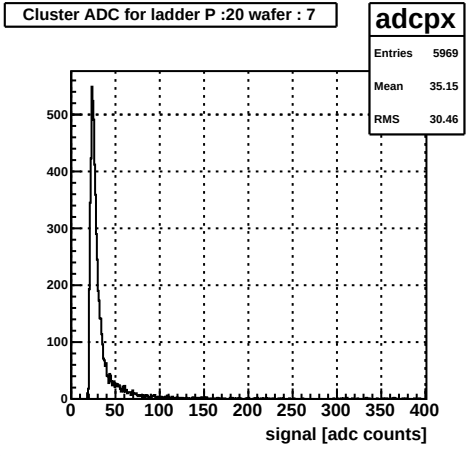

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 7150
Mean 72.54
RMS 55.77
signal [adc counts]

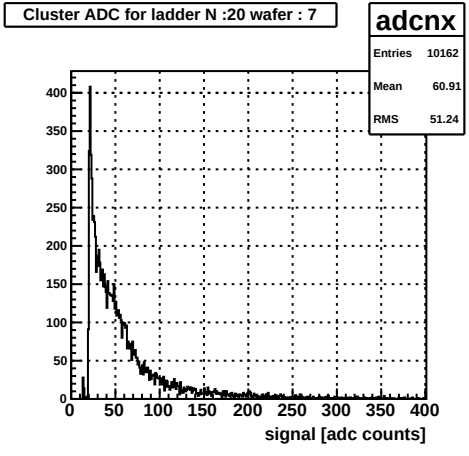

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 25350
Mean 35.27
RMS 39.66
signal [adc counts]

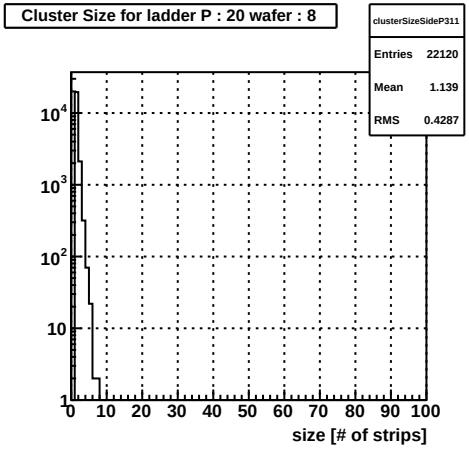

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5969
Mean 1.079
RMS 0.3372
size [# of strips]

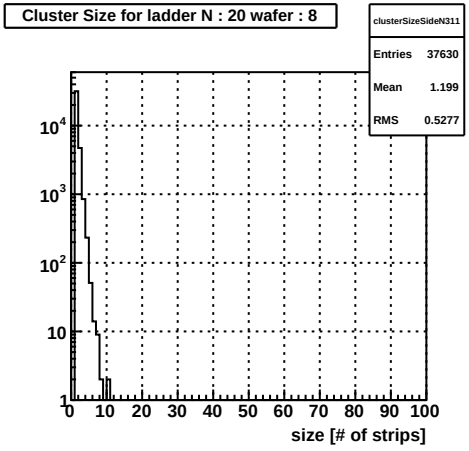

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 10162
Mean 1.253
RMS 0.5982
size [# of strips]

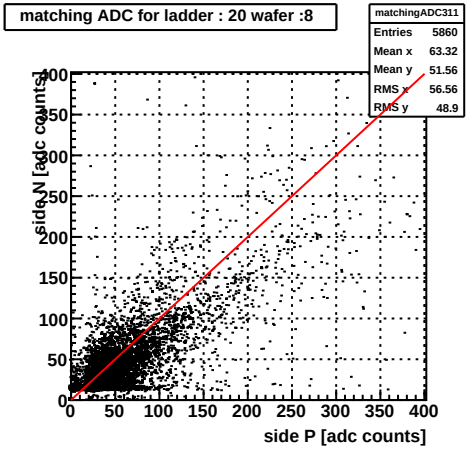

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 140
Mean x 63.71
Mean y 73.05
RMS x 50.21
RMS y 58.43
side N [adc counts]
side P [adc counts]

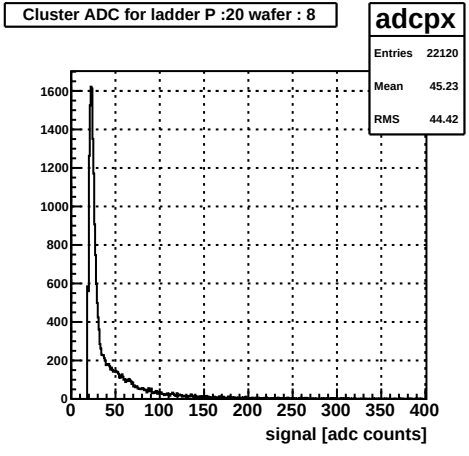

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5969
Mean 35.15
RMS 30.46
signal [adc counts]

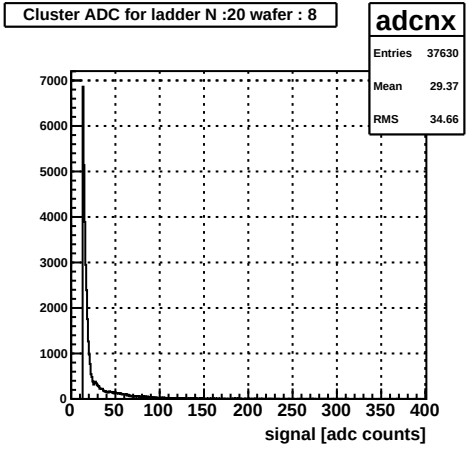

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 10162
Mean 60.91
RMS 51.24
signal [adc counts]

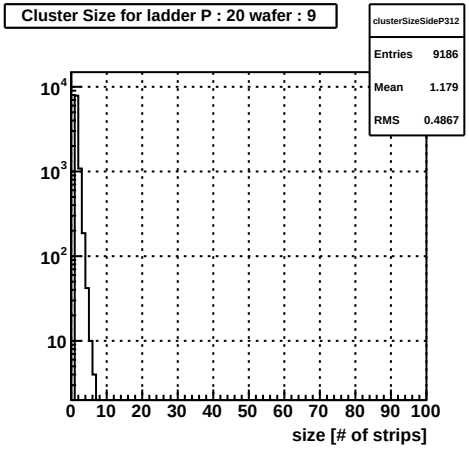

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 22120
Mean 1.139
RMS 0.4287
size [# of strips]

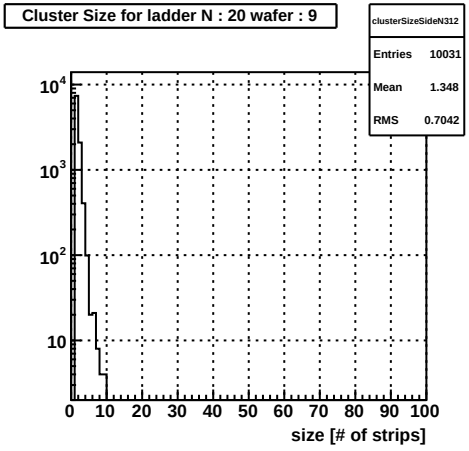

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 37630
Mean 1.199
RMS 0.5277
size [# of strips]

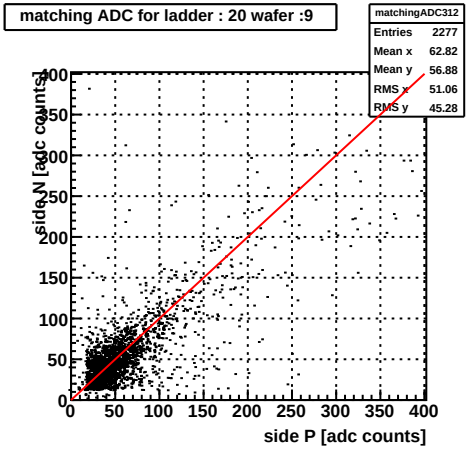

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 5860
Mean x 63.32
Mean y 51.56
RMS x 56.56
RMS y 48.9
side N [adc counts]
side P [adc counts]

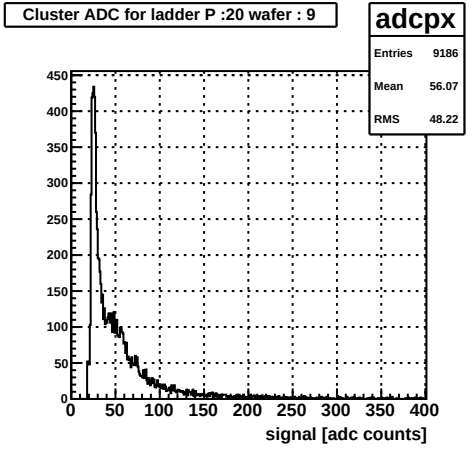

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 22120
Mean 45.23
RMS 44.42
signal [adc counts]

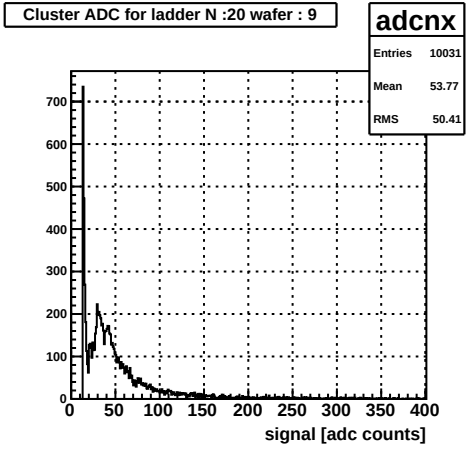

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 37630
Mean 29.37
RMS 34.66
signal [adc counts]

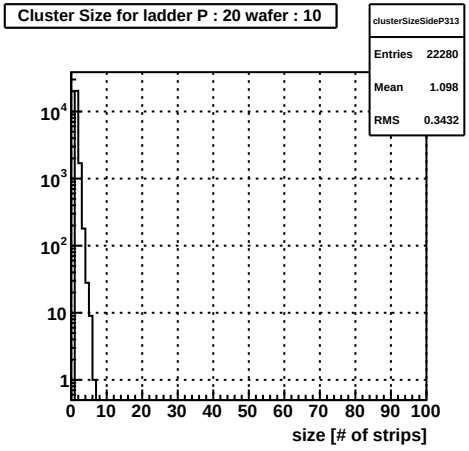

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 9186
Mean 1.179
RMS 0.4867
size [# of strips]

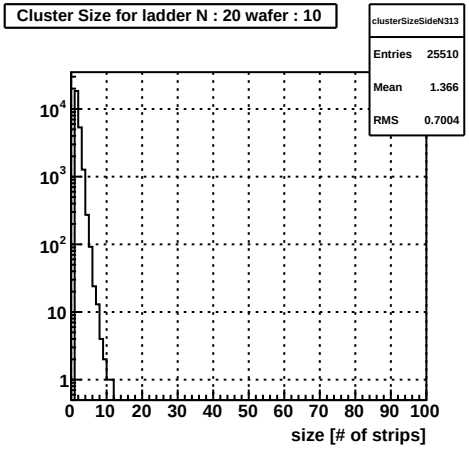

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 10031
Mean 1.348
RMS 0.7042
size [# of strips]

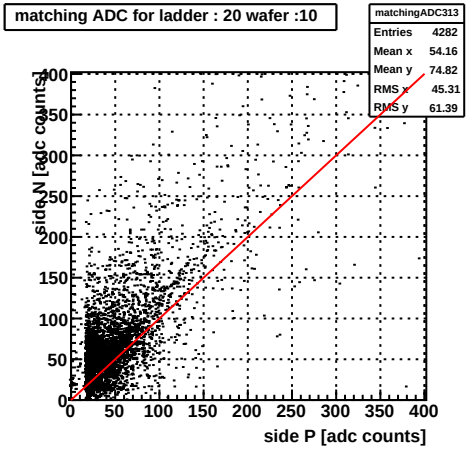

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2277
Mean x 62.82
Mean y 56.88
RMS x 51.06
RMS y 45.28
side N [adc counts]
side P [adc counts]

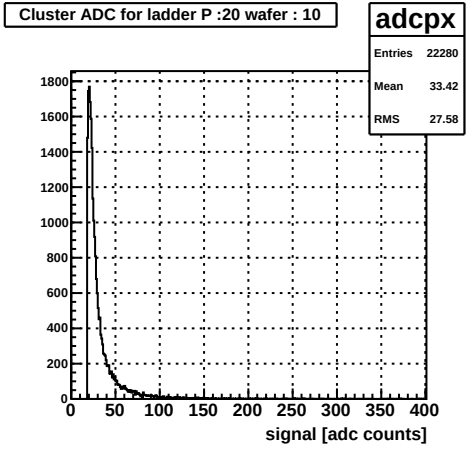

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 9186
Mean 56.07
RMS 48.22
signal [adc counts]

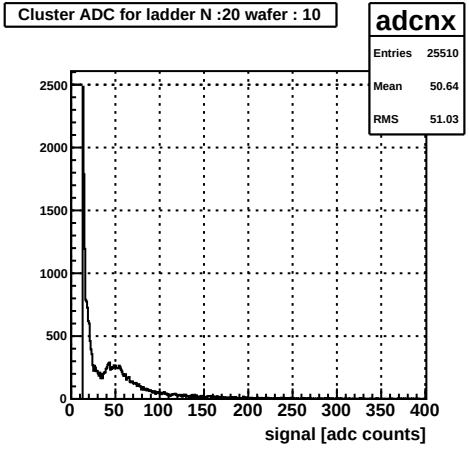

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 10031
Mean 53.77
RMS 50.41
signal [adc counts]

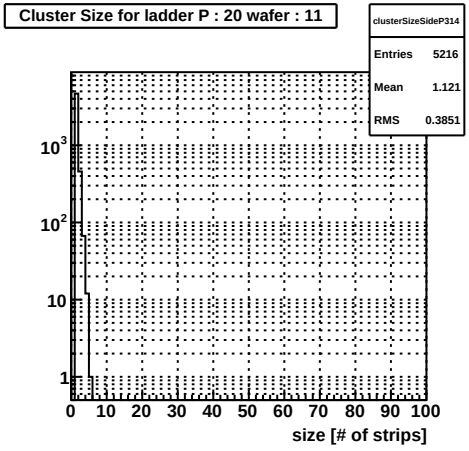

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 22280
Mean 1.098
RMS 0.3432
size [# of strips]

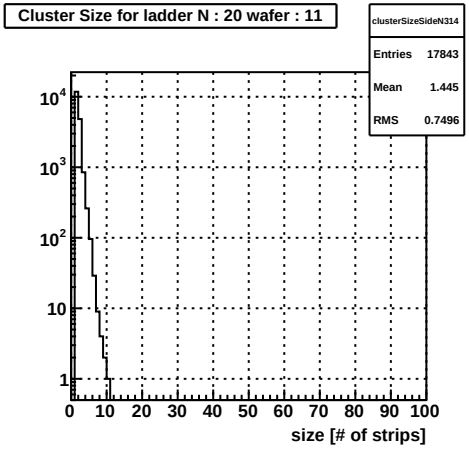

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 25510
Mean 1.366
RMS 0.7004
size [# of strips]

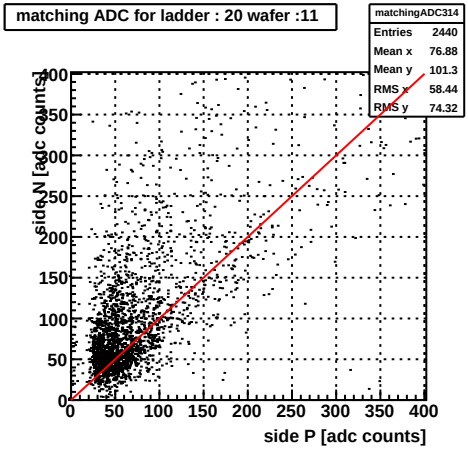

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 4282
Mean x 54.16
Mean y 74.82
RMS x 45.31
RMS y 61.39
side N [adc counts]
side P [adc counts]

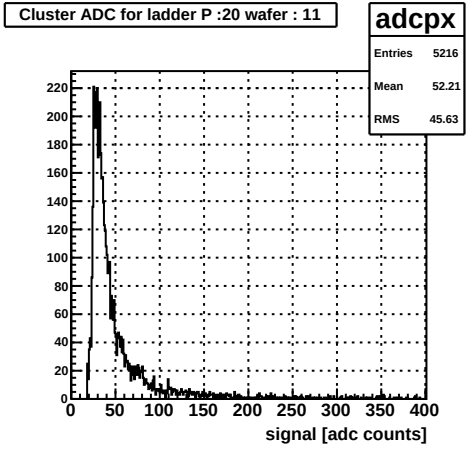

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 22280
Mean 33.42
RMS 27.58
signal [adc counts]

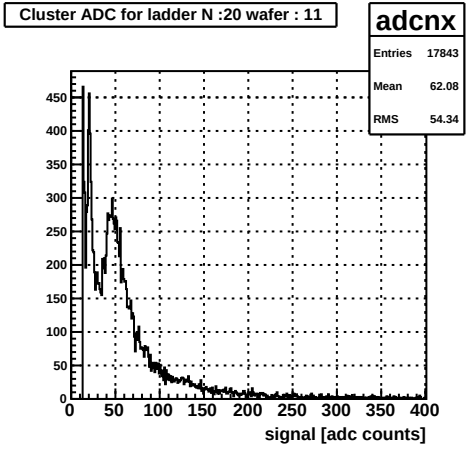

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 25510
Mean 50.64
RMS 51.03
signal [adc counts]

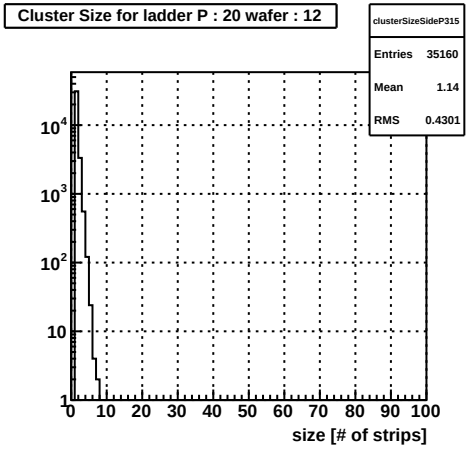

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5216
Mean 1.121
RMS 0.3851
size [# of strips]

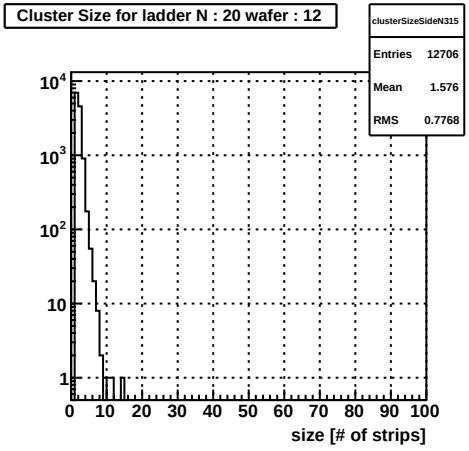

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 17843
Mean 1.445
RMS 0.7496
size [# of strips]

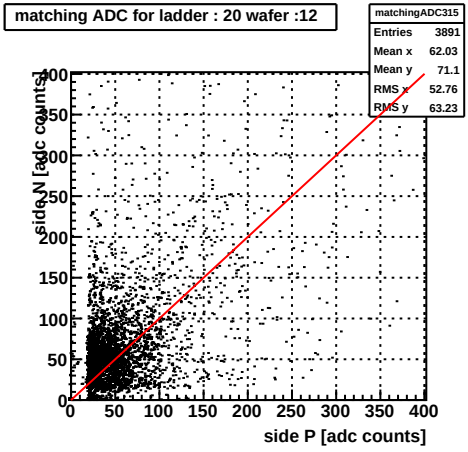

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2440
Mean x 76.88
Mean y 101.3
RMS x 58.44
RMS y 74.32
side N [adc counts]
side P [adc counts]

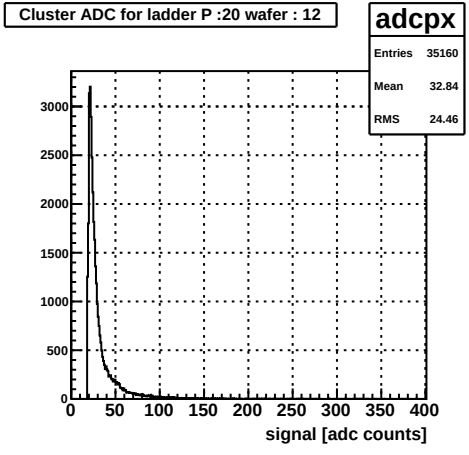

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5216
Mean 52.21
RMS 45.63
signal [adc counts]

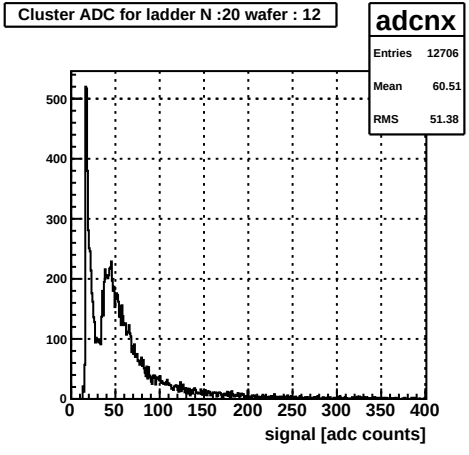

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 17843
Mean 62.08
RMS 54.34
signal [adc counts]

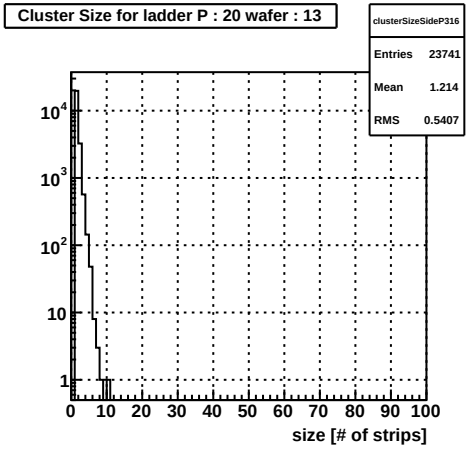

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 35160
Mean 1.14
RMS 0.4301
size [# of strips]

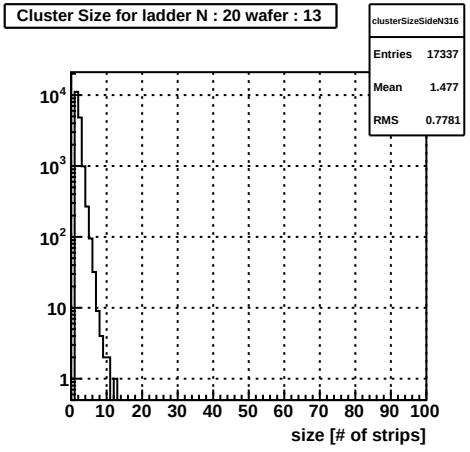

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 12706
Mean 1.576
RMS 0.7768
size [# of strips]

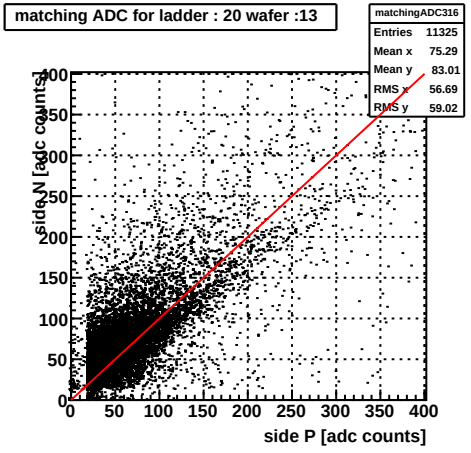

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 3891
Mean x 62.03
Mean y 71.1
RMS x 52.76
RMS y 63.23
side N [adc counts]
side P [adc counts]

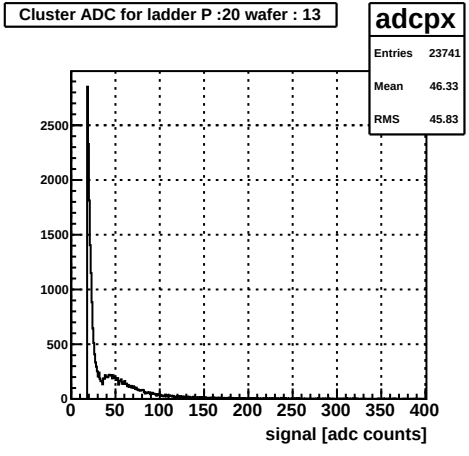

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 35160
Mean 32.84
RMS 24.46
signal [adc counts]

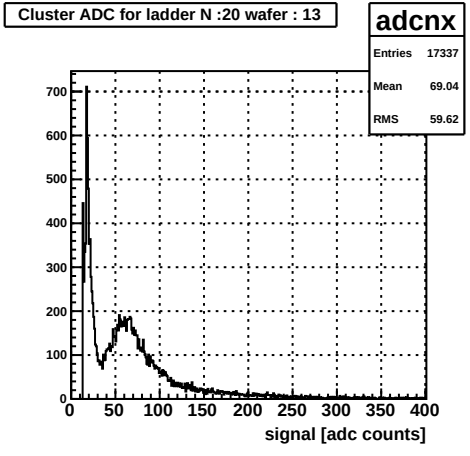

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 12706
Mean 60.51
RMS 51.38
signal [adc counts]

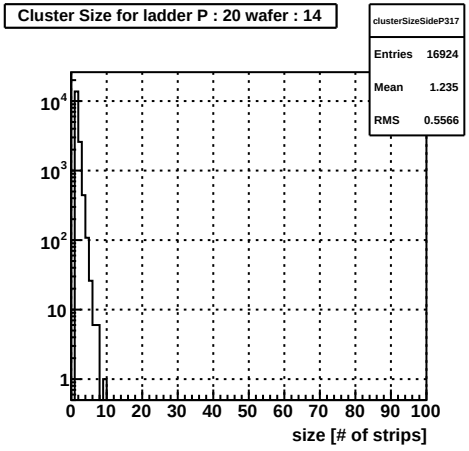

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 23741
Mean 1.214
RMS 0.5407
size [# of strips]

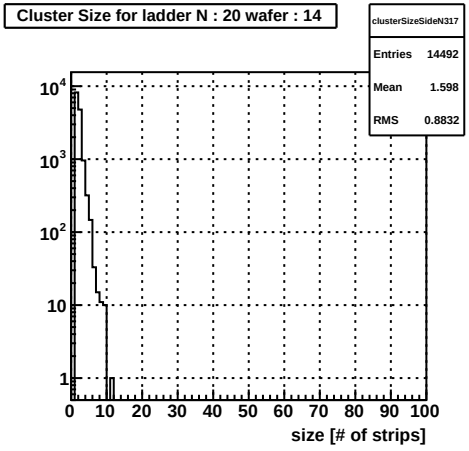

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 17337
Mean 1.477
RMS 0.7781
size [# of strips]

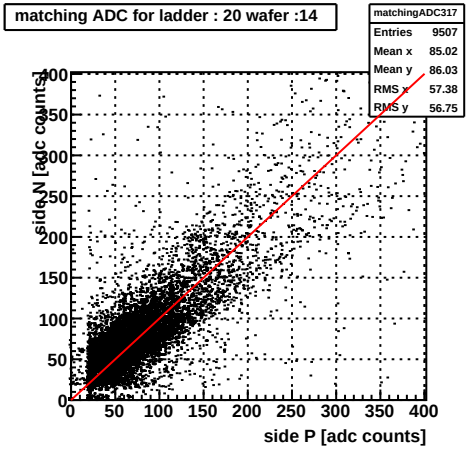

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 11325
Mean x 75.29
Mean y 83.01
RMS x 56.69
RMS y 59.02
side N [adc counts]
side P [adc counts]

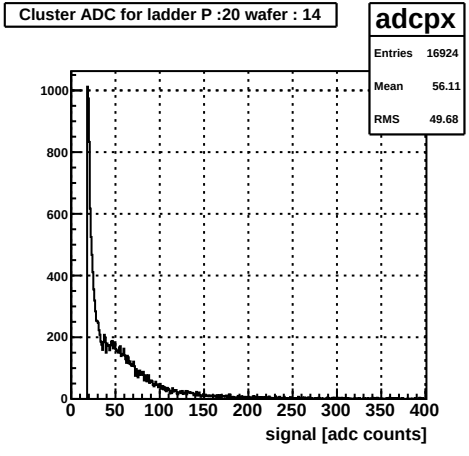

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 23741
Mean 46.33
RMS 45.83
signal [adc counts]

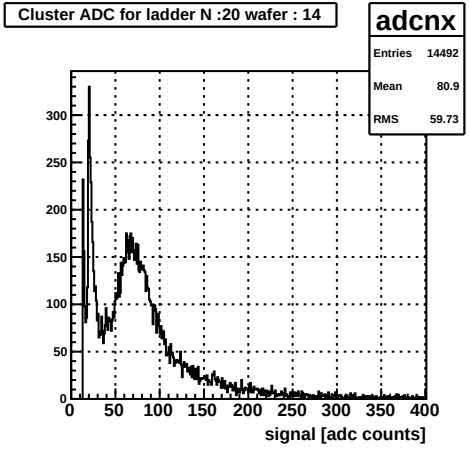

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 17337
Mean 69.04
RMS 59.62
signal [adc counts]

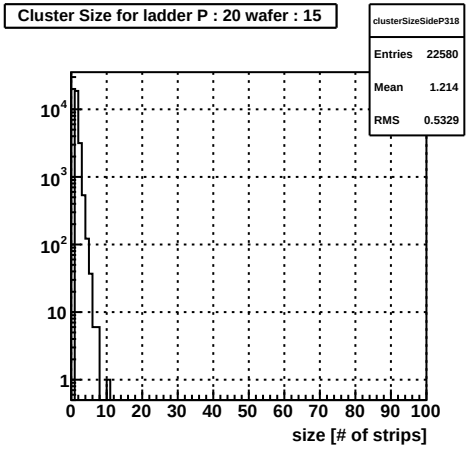

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 16924
Mean 1.235
RMS 0.5566
size [# of strips]

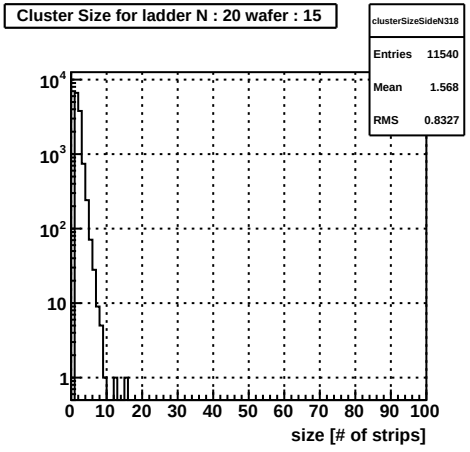

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 14492
Mean 1.598
RMS 0.8832
size [# of strips]

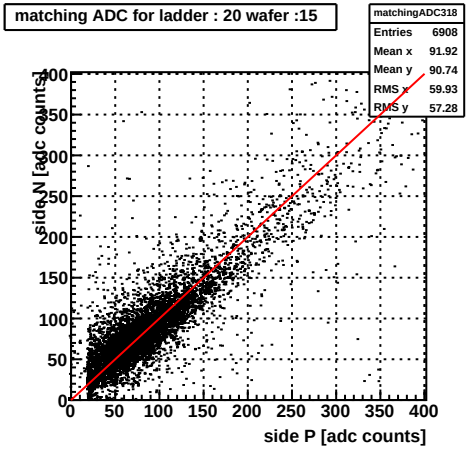

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 9507
Mean x 85.02
Mean y 86.03
RMS x 57.38
RMS y 56.75
side N [adc counts]
side P [adc counts]

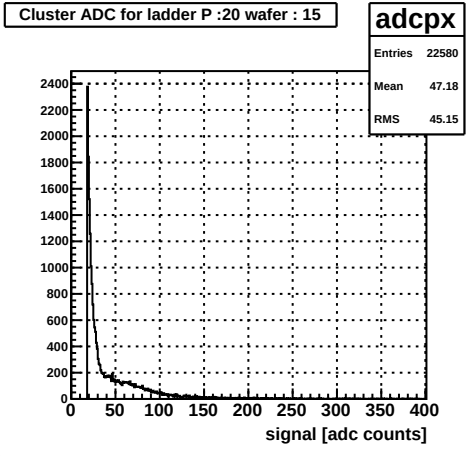

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 16924
Mean 56.11
RMS 49.68
signal [adc counts]

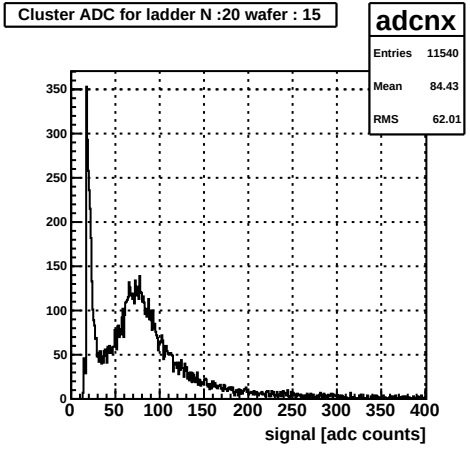

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 14492
Mean 80.9
RMS 59.73
signal [adc counts]

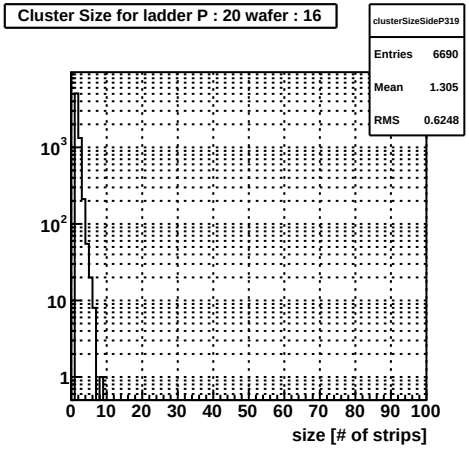

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 22580
Mean 1.214
RMS 0.5329
size [# of strips]

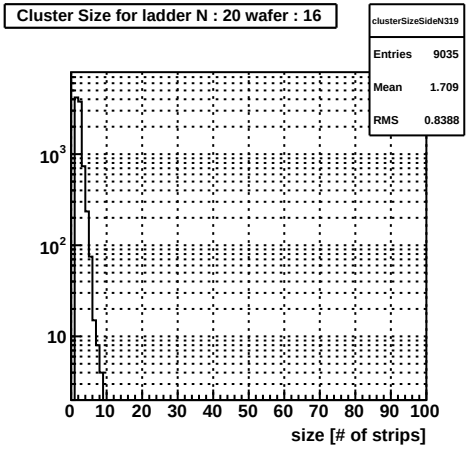

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 11540
Mean 1.568
RMS 0.8327
size [# of strips]

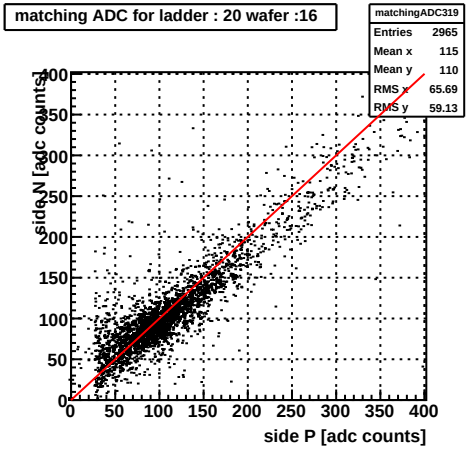

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 6908
Mean x 91.92
Mean y 90.74
RMS x 59.93
RMS y 57.28
side N [adc counts]
side P [adc counts]

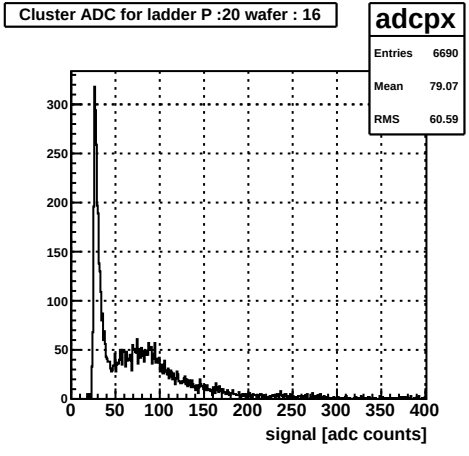

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 22580
Mean 47.18
RMS 45.15
signal [adc counts]

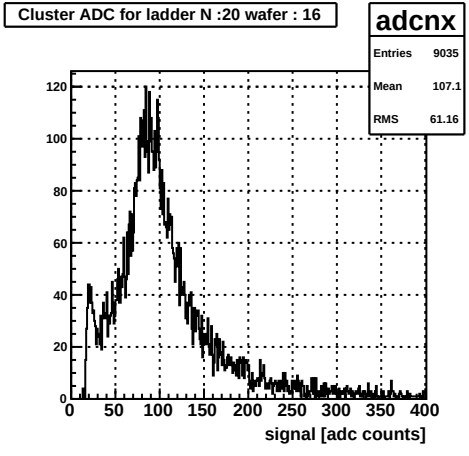

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 11540
Mean 84.43
RMS 62.01
signal [adc counts]

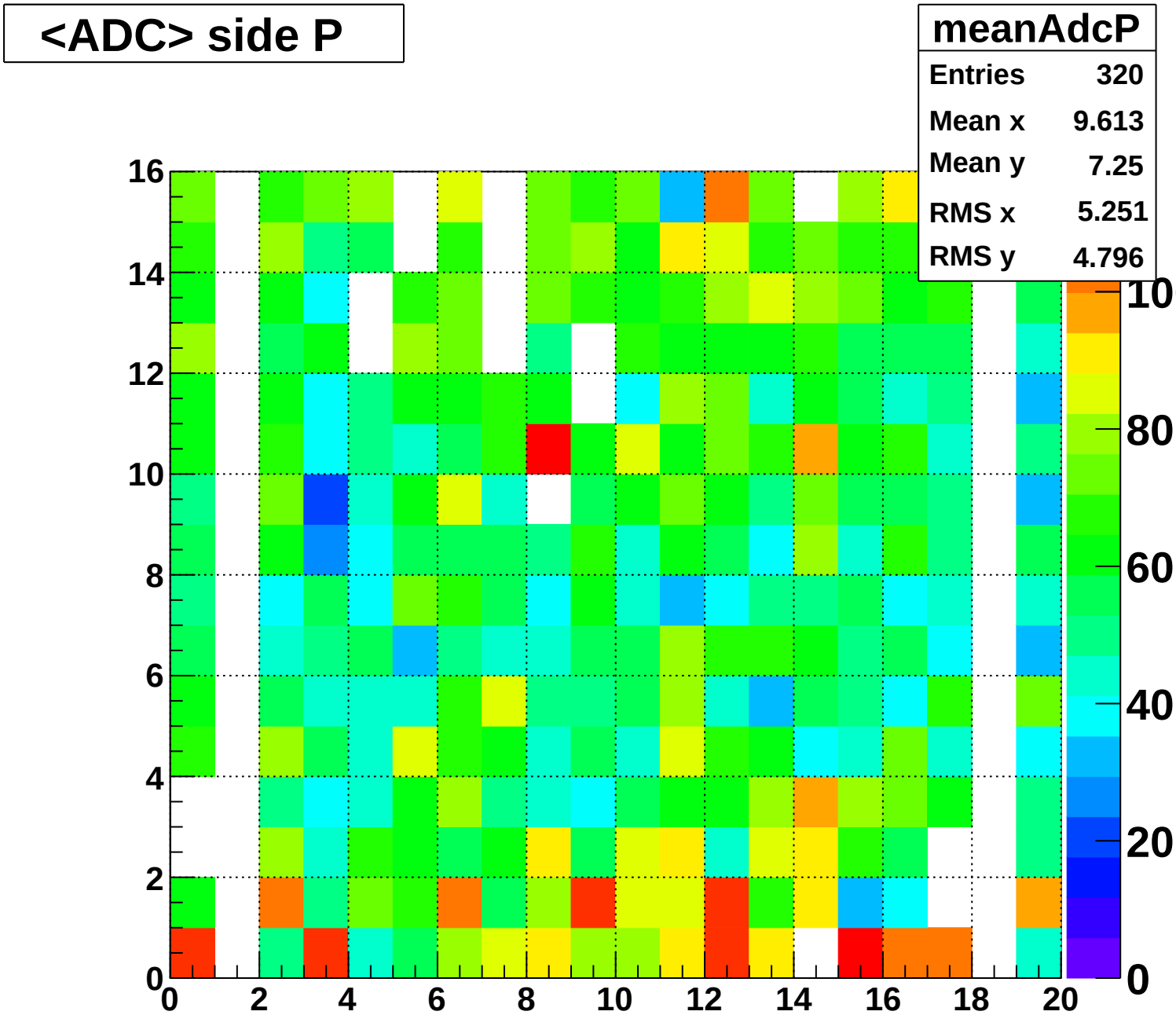

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 6690
Mean 1.305
RMS 0.6248
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 9035
Mean 1.709
RMS 0.8388
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2965
Mean x 115
Mean y 110
RMS x 65.69
RMS y 59.13
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 6690
Mean 79.07
RMS 60.59
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 9035
Mean 107.1
RMS 61.16
signal [adc counts]



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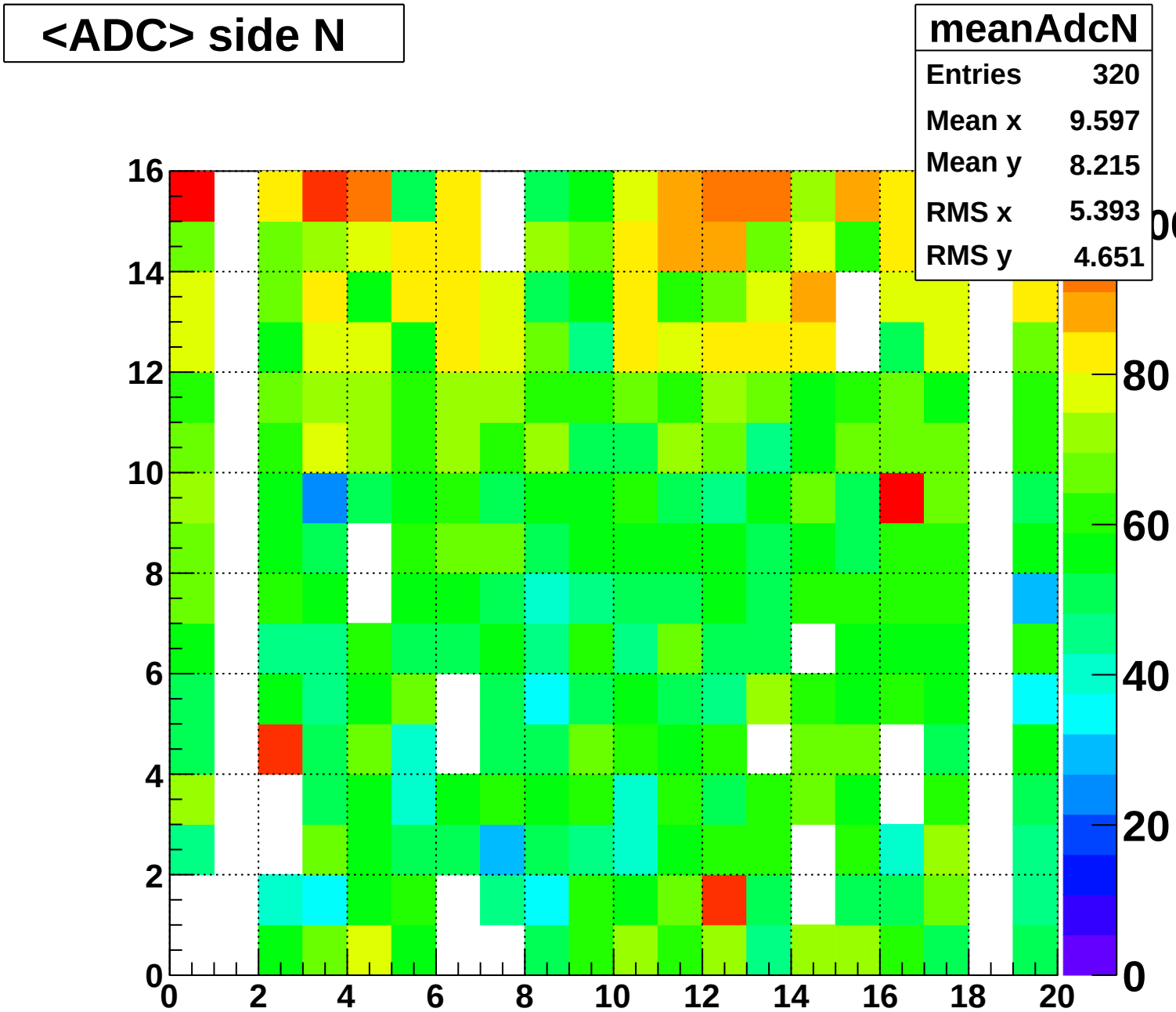

2016-06-21 22:47:39