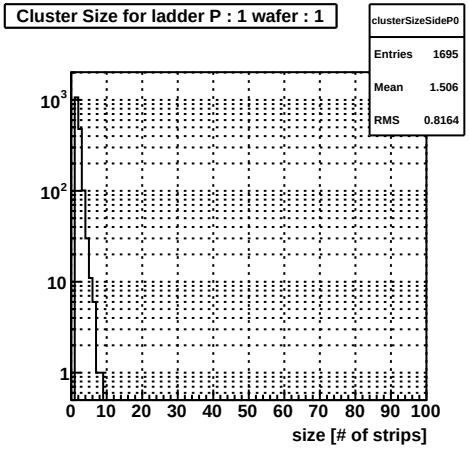
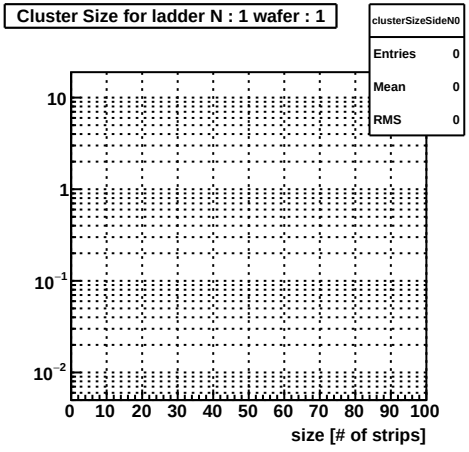
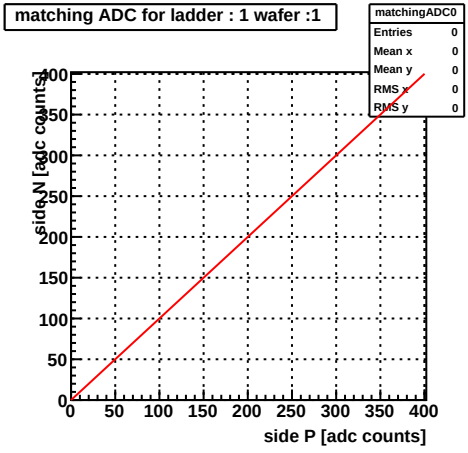
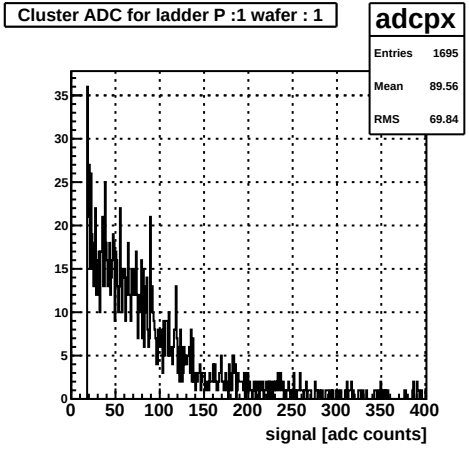
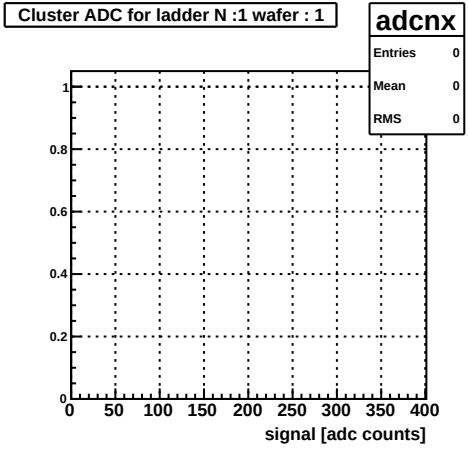
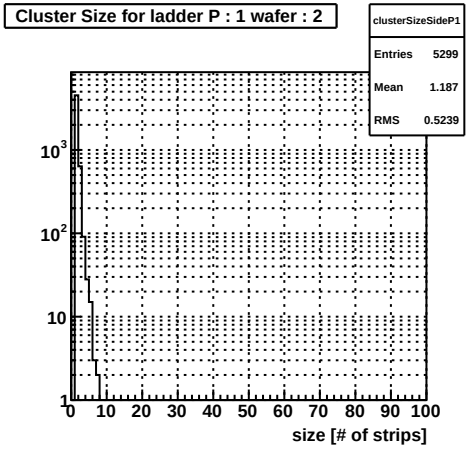

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1695
Mean 1.506
RMS 0.8164
size [# of strips]

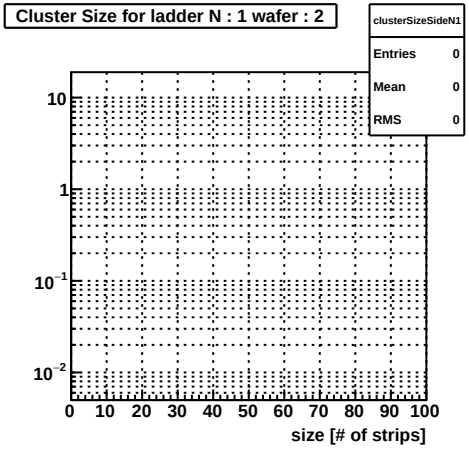

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

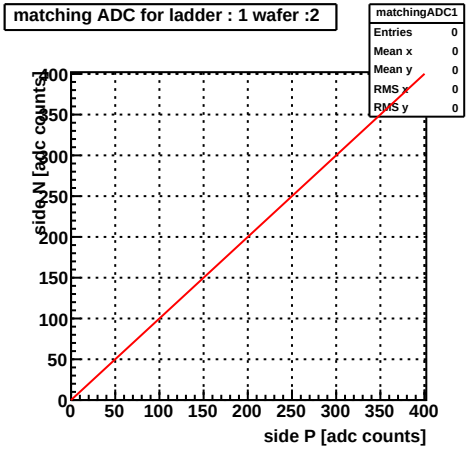

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

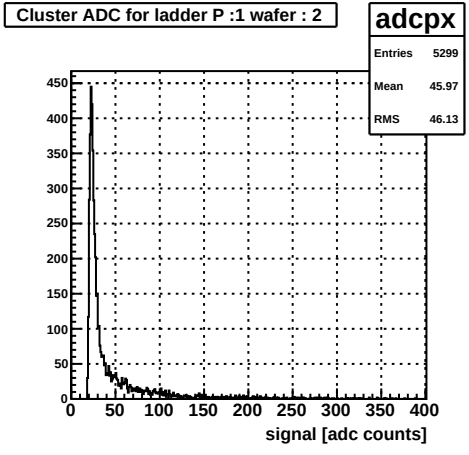

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1695
Mean 89.56
RMS 69.84
signal [adc counts]

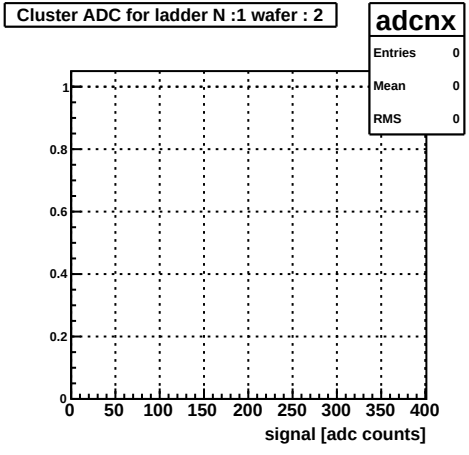

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

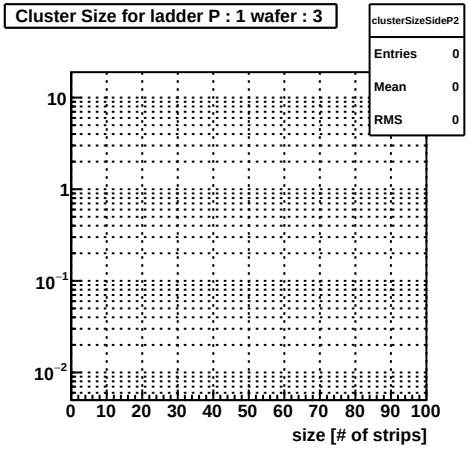

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5299
Mean 1.187
RMS 0.5239
size [# of strips]

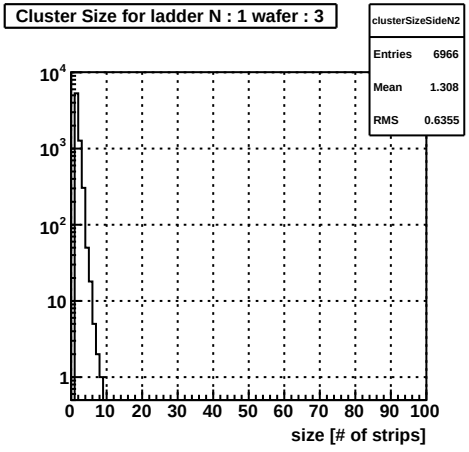

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

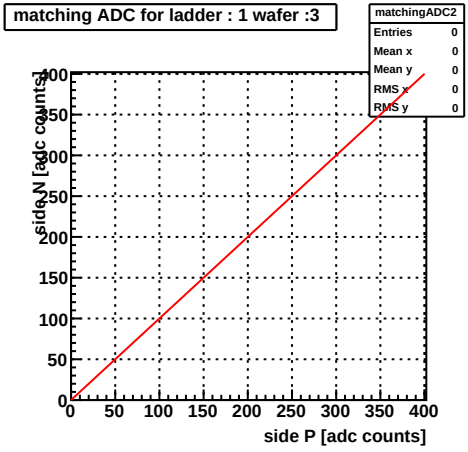

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

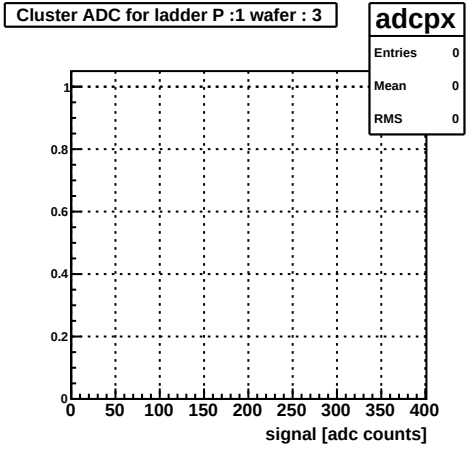

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5299
Mean 45.97
RMS 46.13
signal [adc counts]

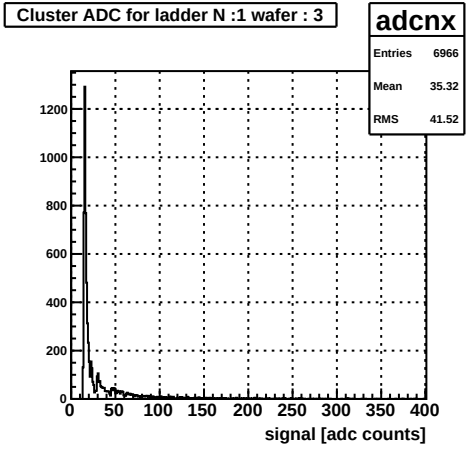

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

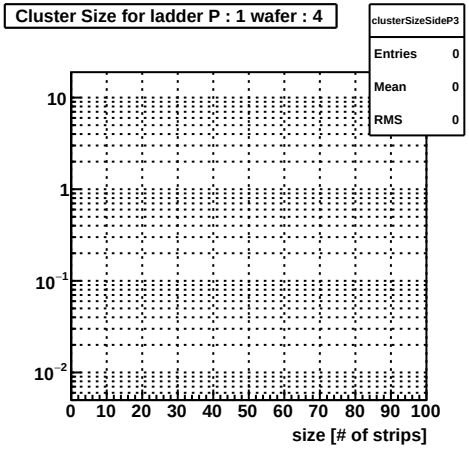

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

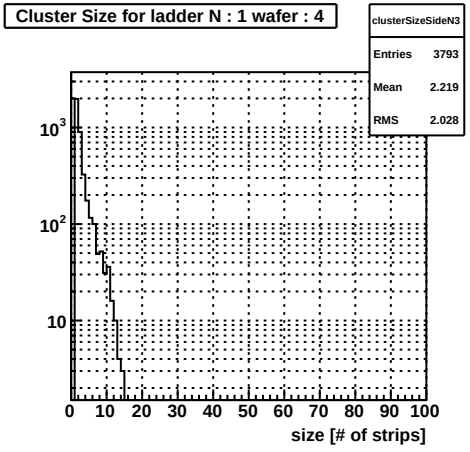

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 6966
Mean 1.308
RMS 0.6355
size [# of strips]

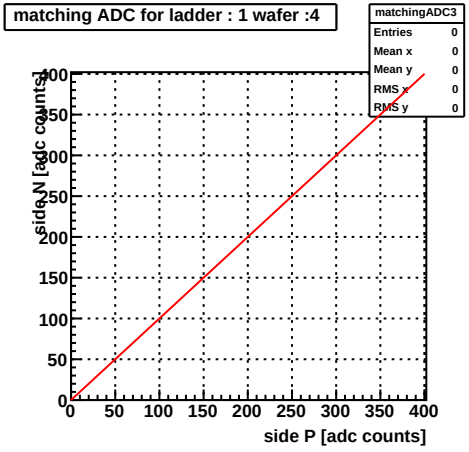

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

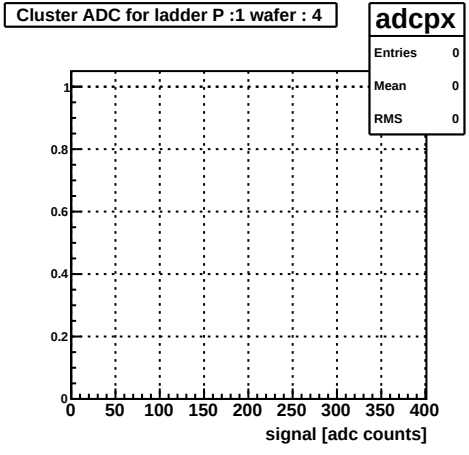

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

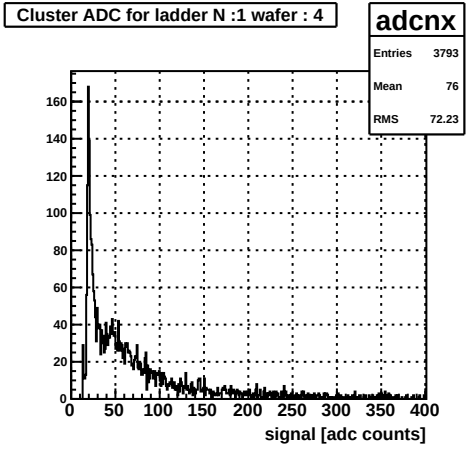

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 6966
Mean 35.32
RMS 41.52
signal [adc counts]

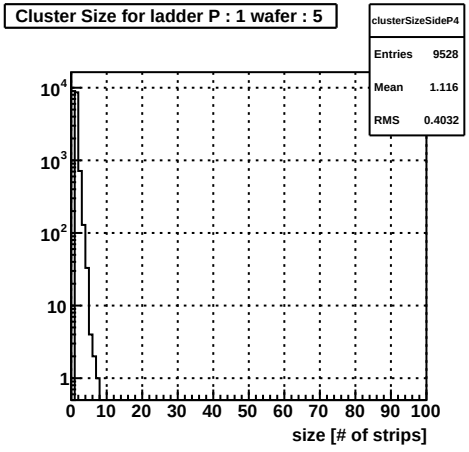

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

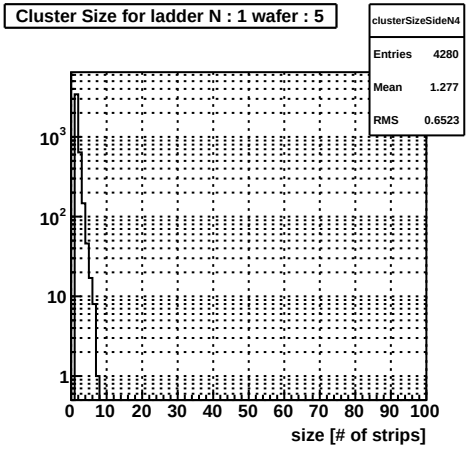

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3793
Mean 2.219
RMS 2.028
size [# of strips]

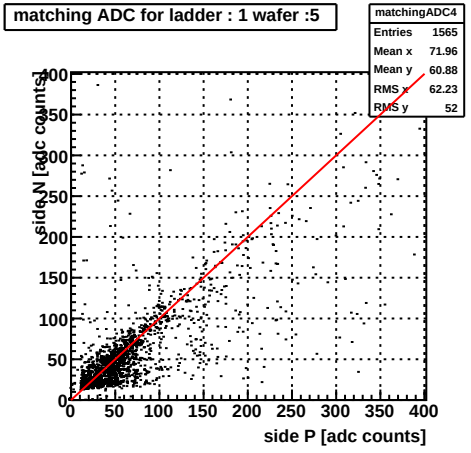

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

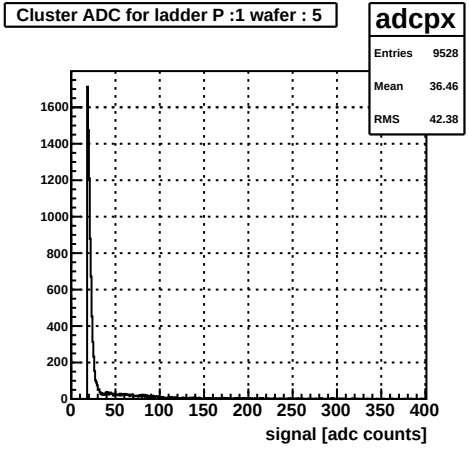

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

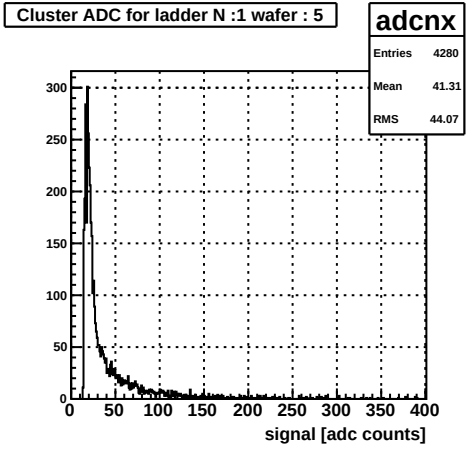

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3793
Mean 76
RMS 72.23
signal [adc counts]

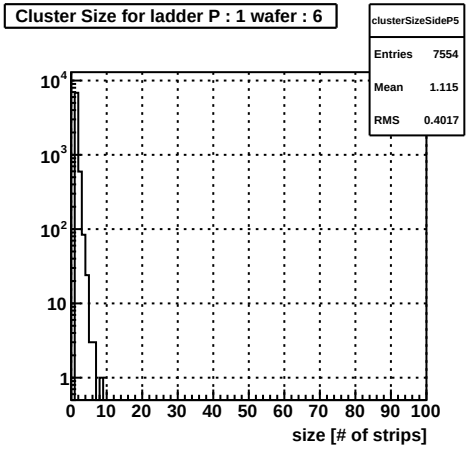

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 9528
Mean 1.116
RMS 0.4032
size [# of strips]

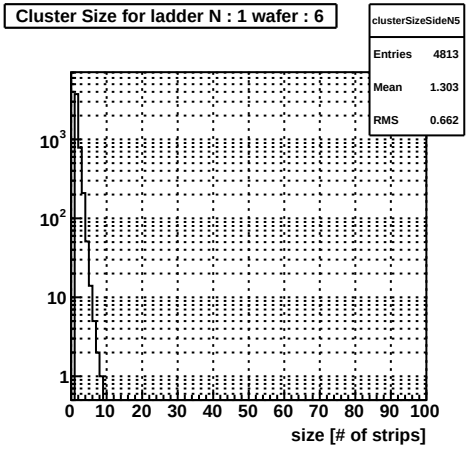

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4280
Mean 1.277
RMS 0.6523
size [# of strips]

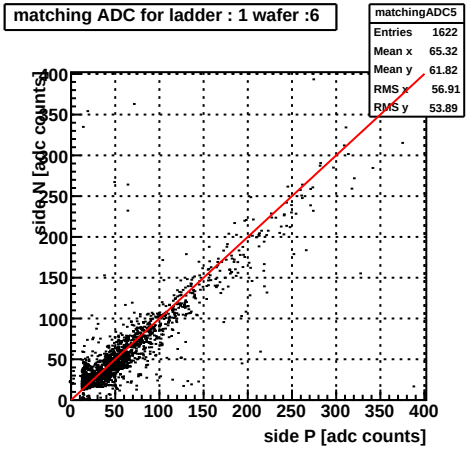

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1565
Mean x 71.96
Mean y 60.88
RMS x 62.23
RMS y 52
side N [adc counts]
side P [adc counts]

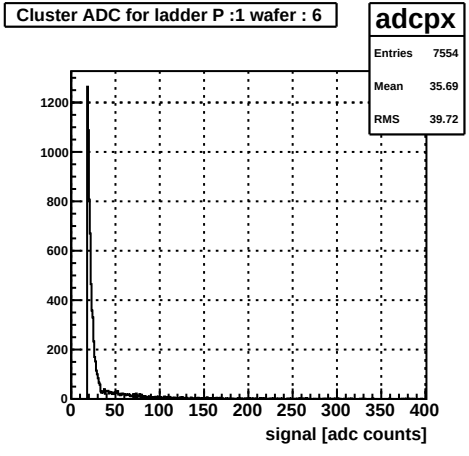

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 9528
Mean 36.46
RMS 42.38
signal [adc counts]

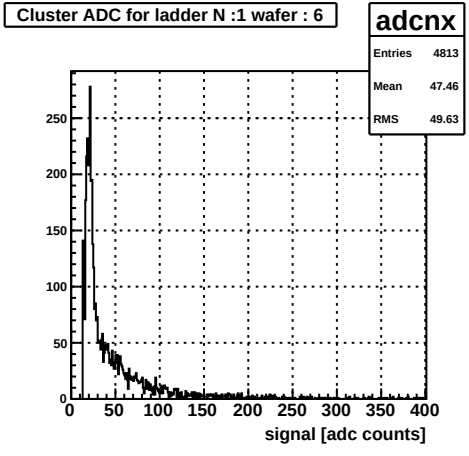

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4280
Mean 41.31
RMS 44.07
signal [adc counts]

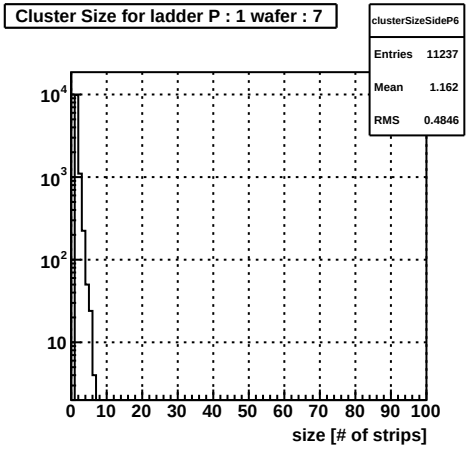

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7554
Mean 1.115
RMS 0.4017
size [# of strips]

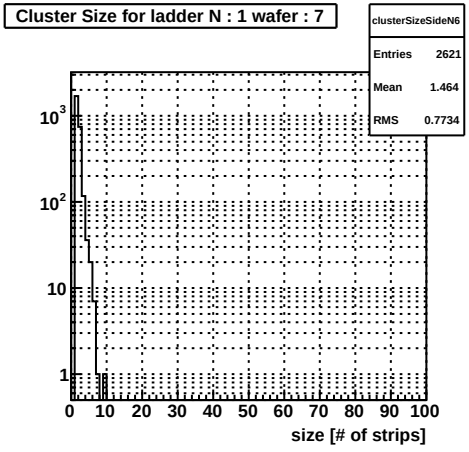

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4813
Mean 1.303
RMS 0.662
size [# of strips]

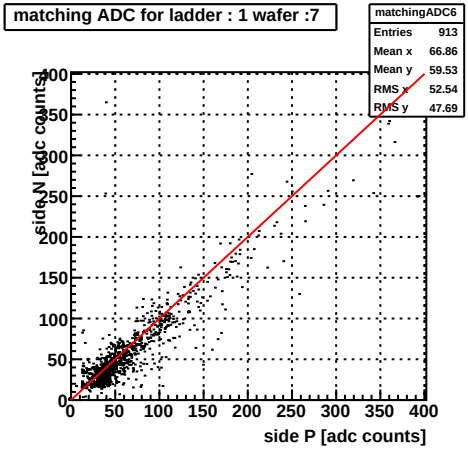

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1622
Mean x 65.32
Mean y 61.82
RMS x 56.91
RMS y 53.89
side N [adc counts]
side P [adc counts]

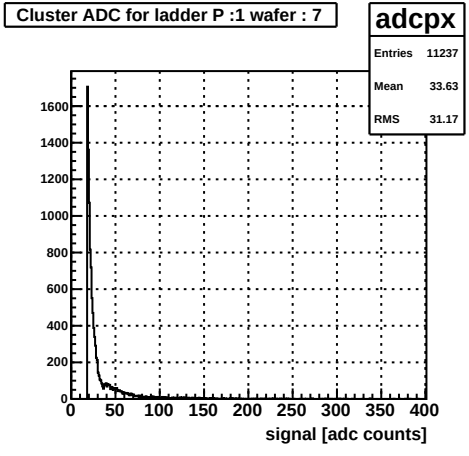

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7554
Mean 35.69
RMS 39.72
signal [adc counts]

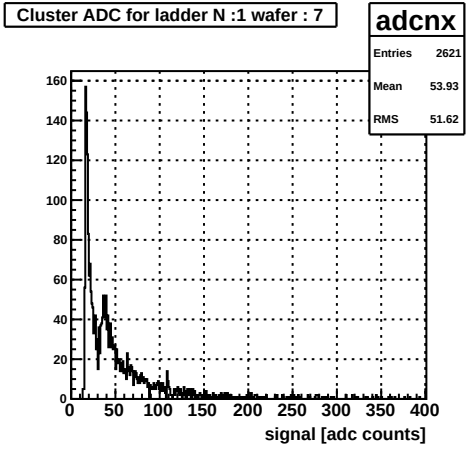

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4813
Mean 47.46
RMS 49.63
signal [adc counts]

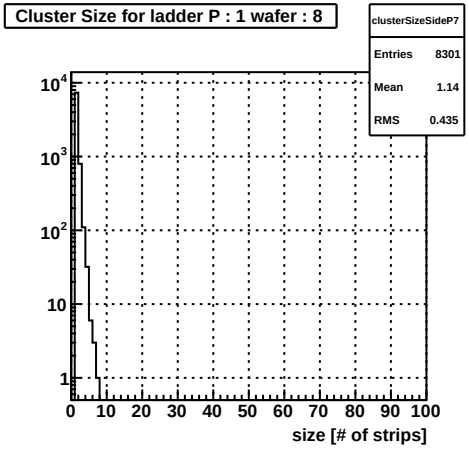

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 11237
Mean 1.162
RMS 0.4846
size [# of strips]

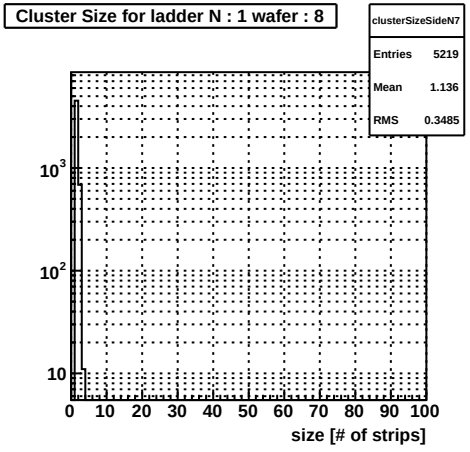

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2621
Mean 1.464
RMS 0.7734
size [# of strips]

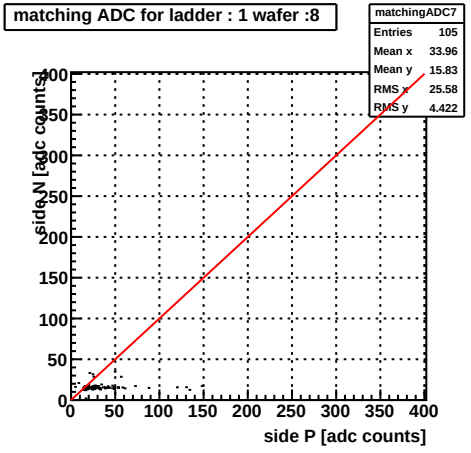

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 913
Mean x 66.86
Mean y 59.53
RMS x 52.54
RMS y 47.69
side N [adc counts]
side P [adc counts]

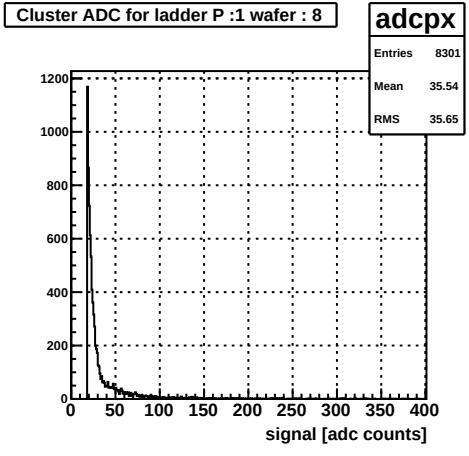

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 11237
Mean 33.63
RMS 31.17
signal [adc counts]

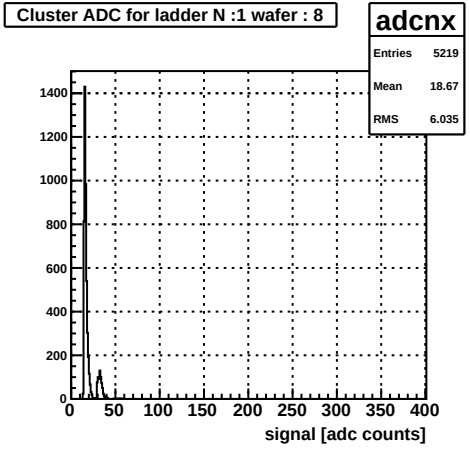

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2621
Mean 53.93
RMS 51.62
signal [adc counts]

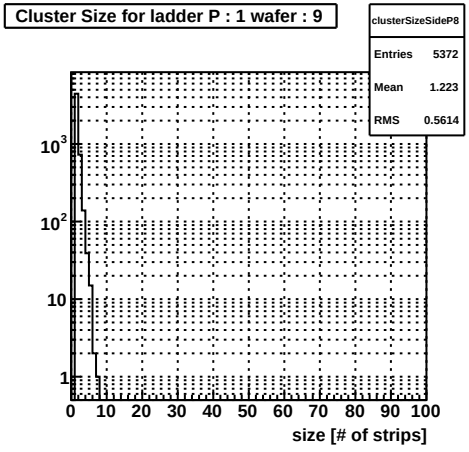

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8301
Mean 1.14
RMS 0.435
size [# of strips]

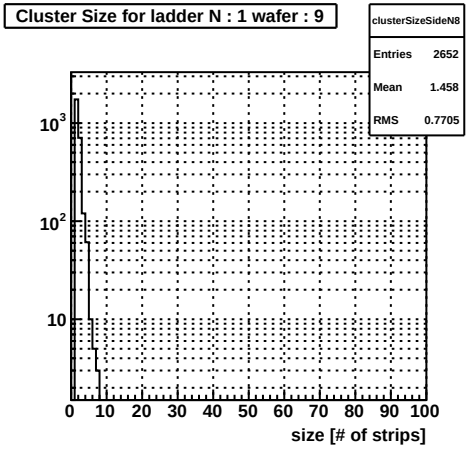

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5219
Mean 1.136
RMS 0.3485
size [# of strips]

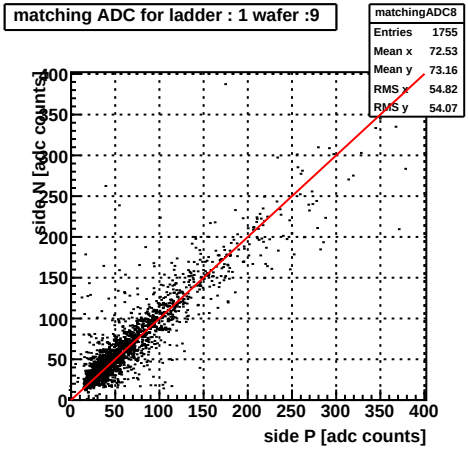

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 105
Mean x 33.96
Mean y 15.83
RMS x 25.58
RMS y 4.422
side N [adc counts]
side P [adc counts]

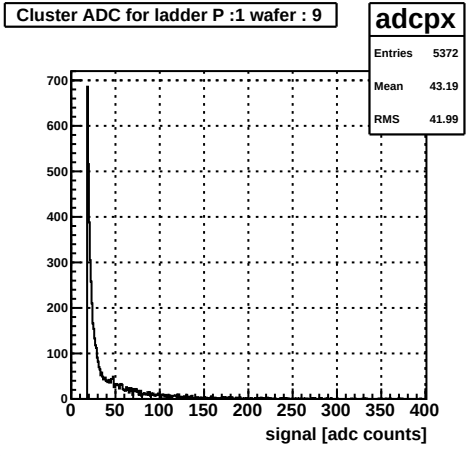

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8301
Mean 35.54
RMS 35.65
signal [adc counts]

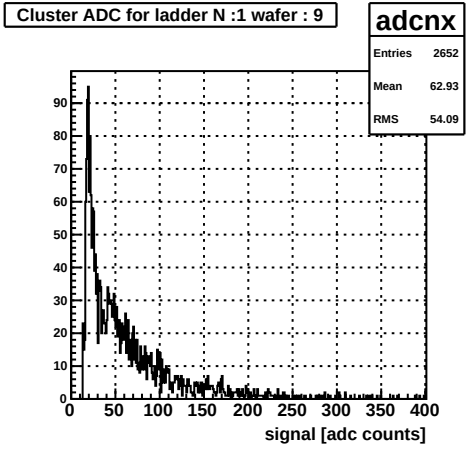

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5219
Mean 18.67
RMS 6.035
signal [adc counts]

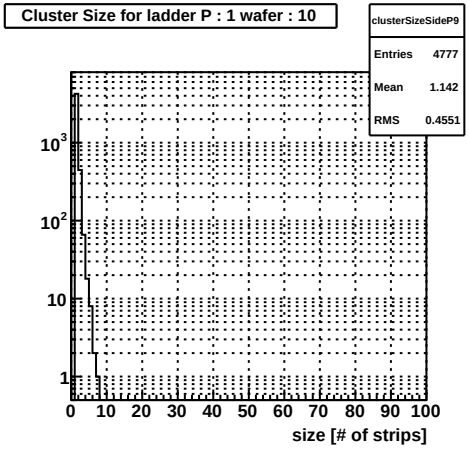

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5372
Mean 1.223
RMS 0.5614
size [# of strips]

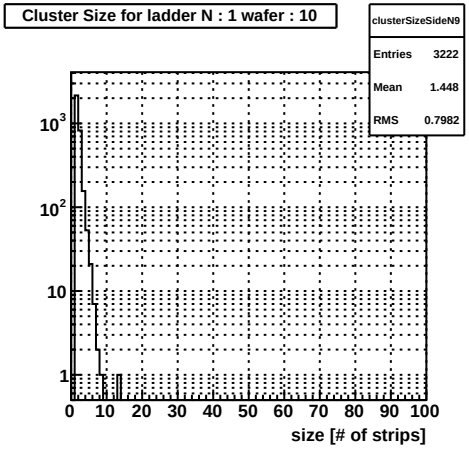

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2652
Mean 1.458
RMS 0.7705
size [# of strips]

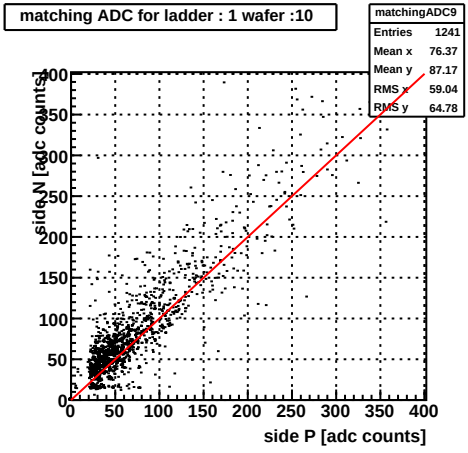

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1755
Mean x 72.53
Mean y 73.16
RMS x 54.82
RMS y 54.07
side N [adc counts]
side P [adc counts]

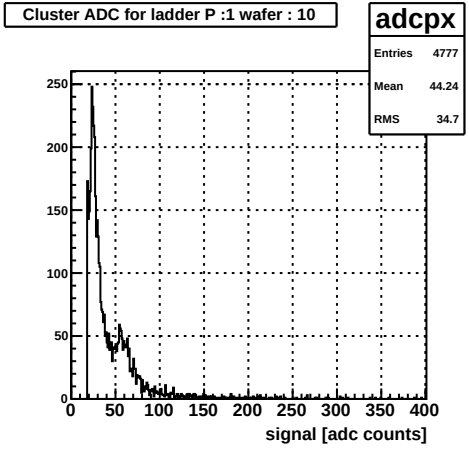

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5372
Mean 43.19
RMS 41.99
signal [adc counts]

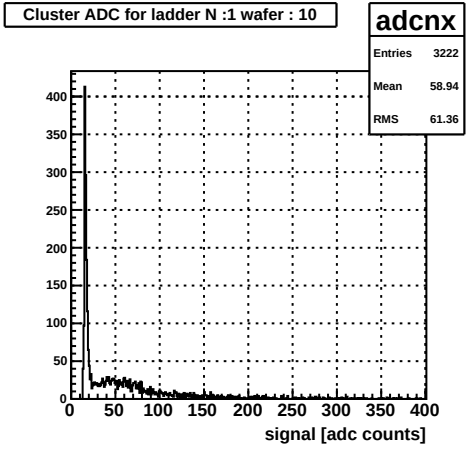

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2652
Mean 62.93
RMS 54.09
signal [adc counts]

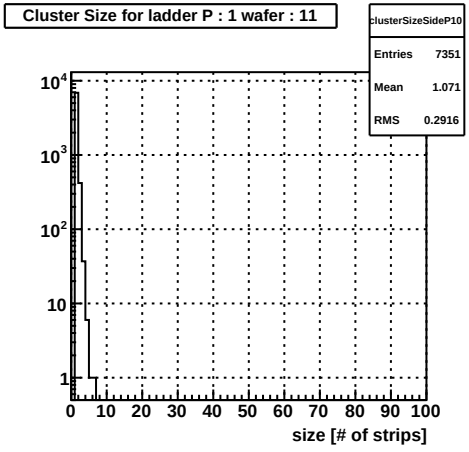

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4777
Mean 1.142
RMS 0.4551
size [# of strips]

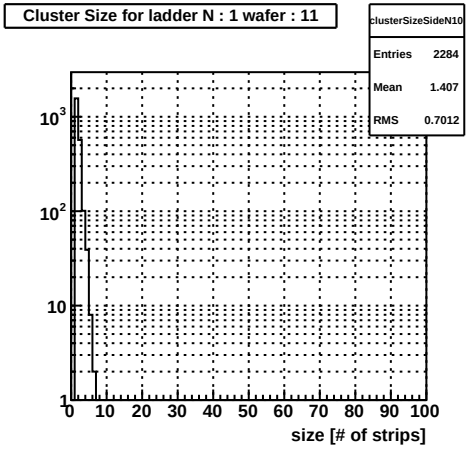

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3222
Mean 1.448
RMS 0.7982
size [# of strips]

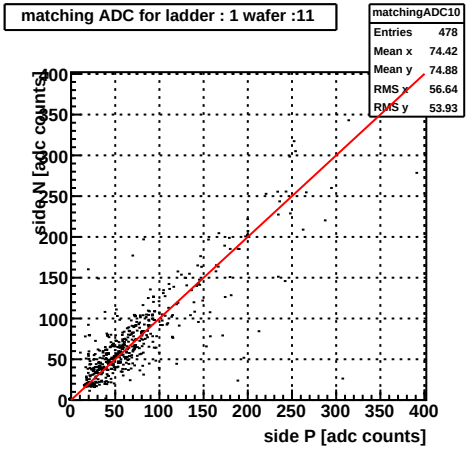

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1241
Mean x 76.37
Mean y 87.17
RMS x 59.04
RMS y 64.78
side N [adc counts]
side P [adc counts]

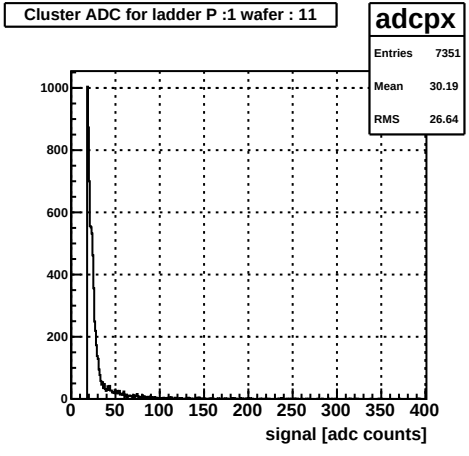

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4777
Mean 44.24
RMS 34.7
signal [adc counts]

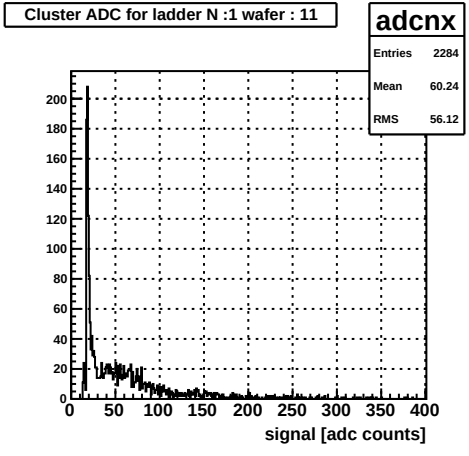

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3222
Mean 58.94
RMS 61.36
signal [adc counts]

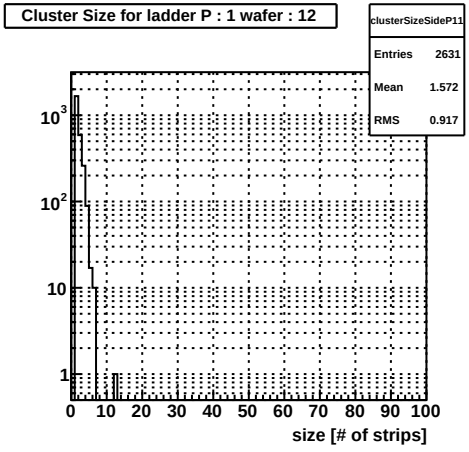

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7351
Mean 1.071
RMS 0.2916
size [# of strips]

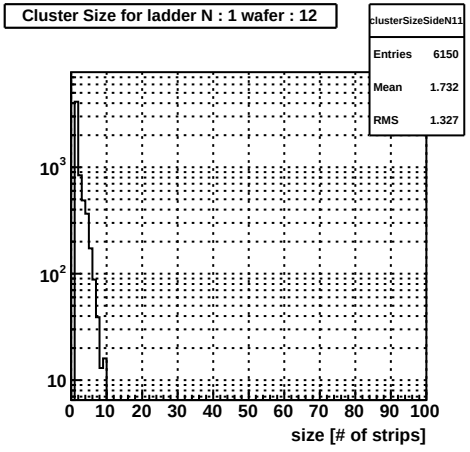

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2284
Mean 1.407
RMS 0.7012
size [# of strips]

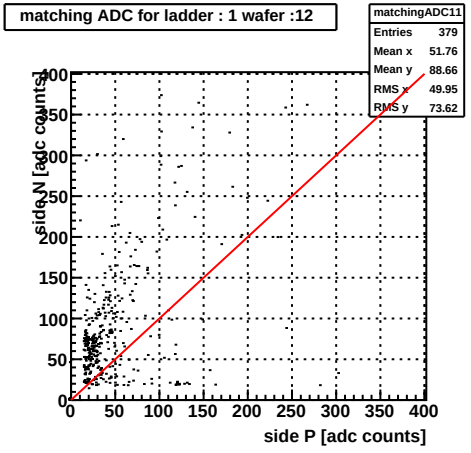

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 478
Mean x 74.42
Mean y 74.88
RMS x 56.64
RMS y 53.93
side N [adc counts]
side P [adc counts]

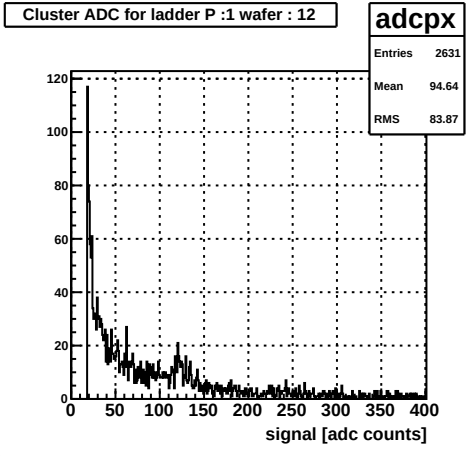

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7351
Mean 30.19
RMS 26.64
signal [adc counts]

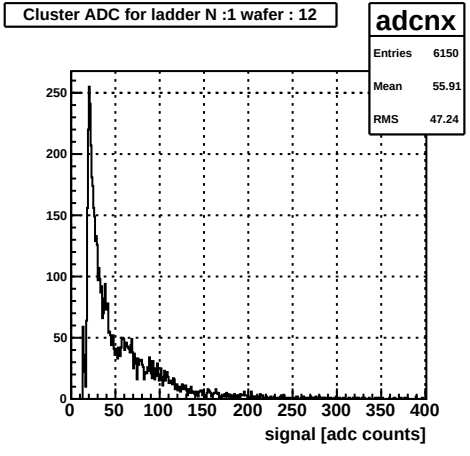

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2284
Mean 60.24
RMS 56.12
signal [adc counts]

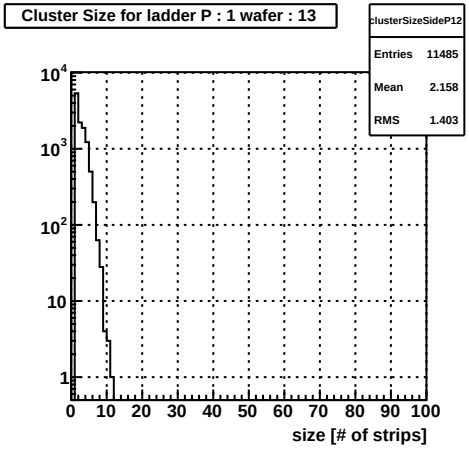

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2631
Mean 1.572
RMS 0.917
size [# of strips]

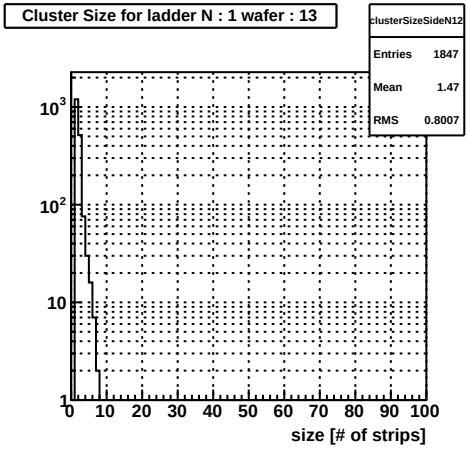

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6150
Mean 1.732
RMS 1.327
size [# of strips]

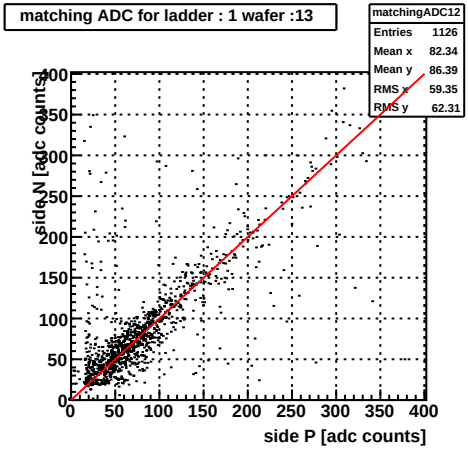

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 379
Mean x 51.76
Mean y 88.66
RMS x 49.95
RMS y 73.62
side N [adc counts]
side P [adc counts]

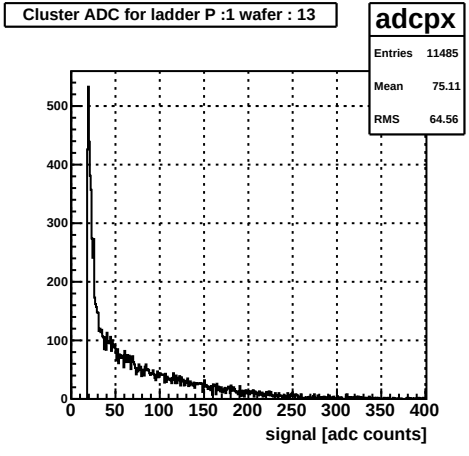

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2631
Mean 94.64
RMS 83.87
signal [adc counts]

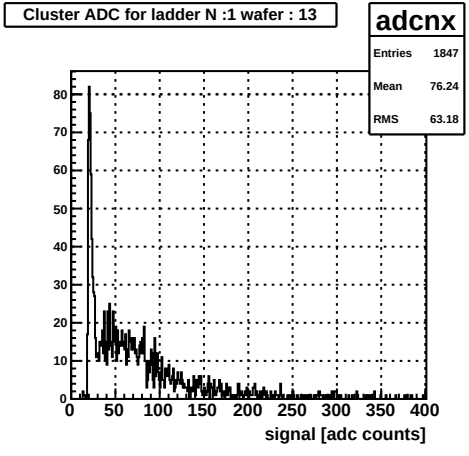

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6150
Mean 55.91
RMS 47.24
signal [adc counts]

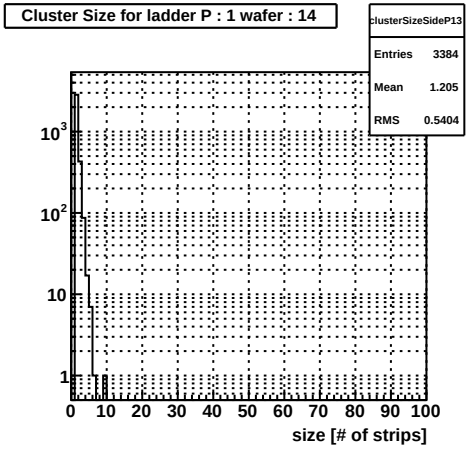

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11485
Mean 2.158
RMS 1.403
size [# of strips]

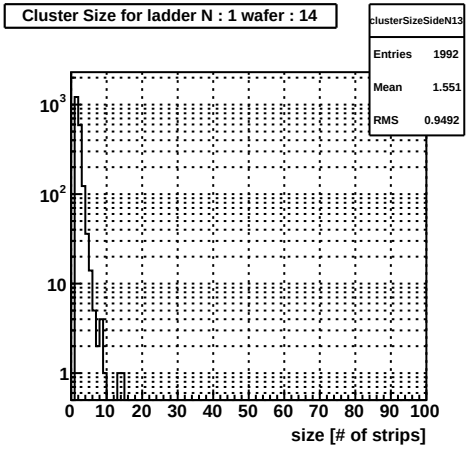

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1847
Mean 1.47
RMS 0.8007
size [# of strips]

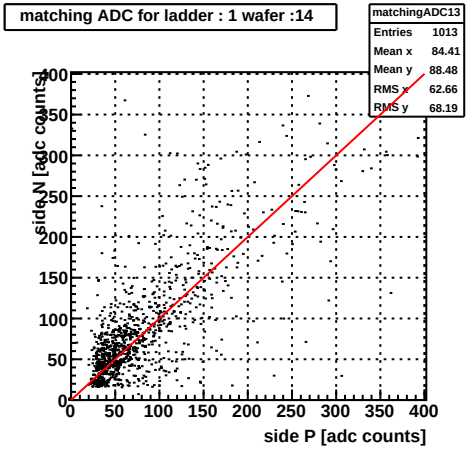

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1126
Mean x 82.34
Mean y 86.39
RMS x 59.35
RMS y 62.31
side N [adc counts]
side P [adc counts]

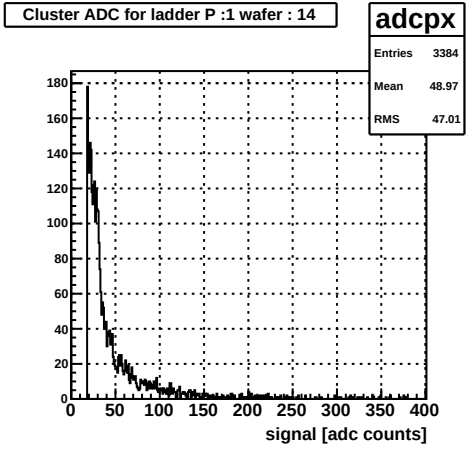

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11485
Mean 75.11
RMS 64.56
signal [adc counts]

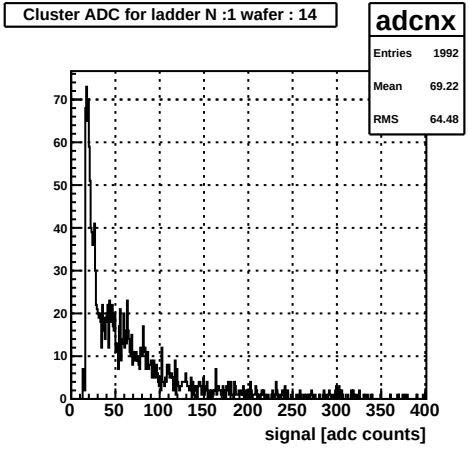

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1847
Mean 76.24
RMS 63.18
signal [adc counts]

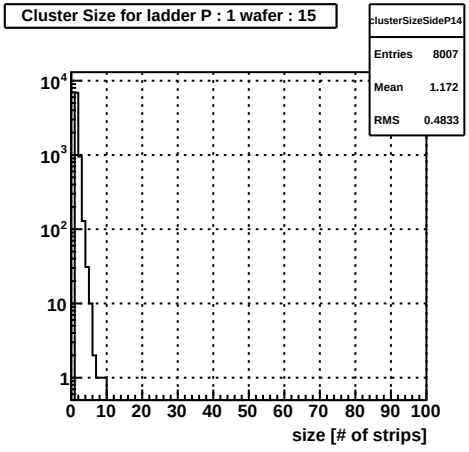

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3384
Mean 1.205
RMS 0.5404
size [# of strips]

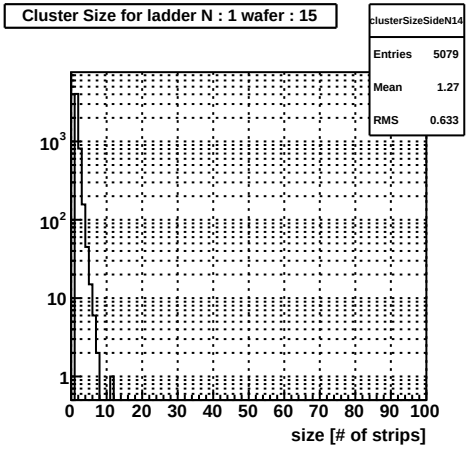

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1992
Mean 1.551
RMS 0.9492
size [# of strips]

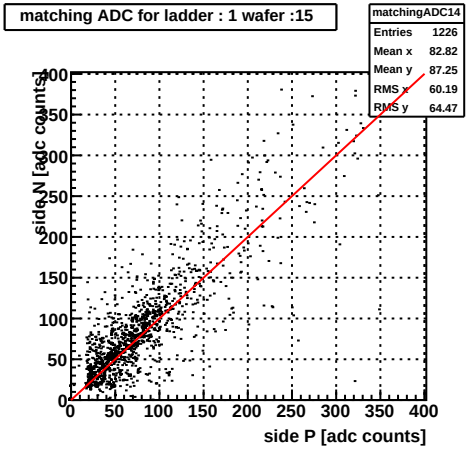

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1013
Mean x 84.41
Mean y 88.48
RMS x 62.66
RMS y 68.19
side N [adc counts]
side P [adc counts]

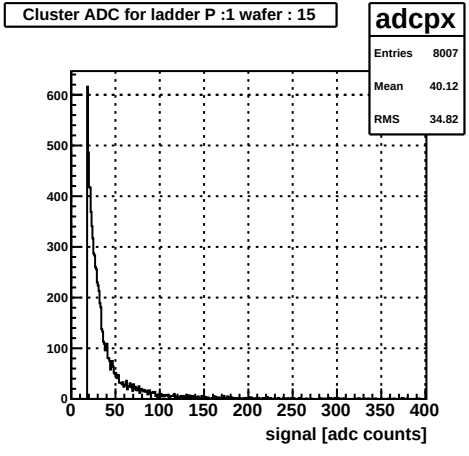

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3384
Mean 48.97
RMS 47.01
signal [adc counts]

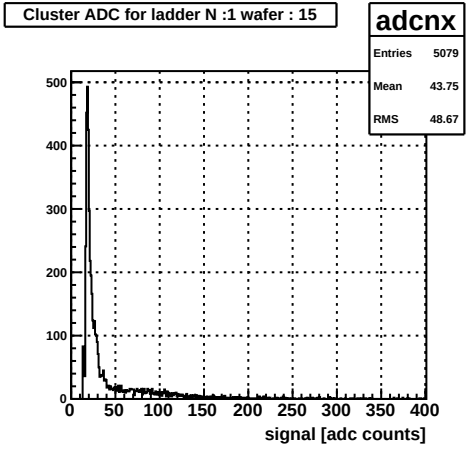

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1992
Mean 69.22
RMS 64.48
signal [adc counts]

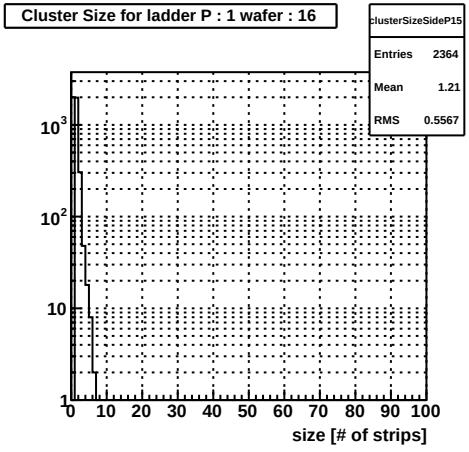

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 8007
Mean 1.172
RMS 0.4833
size [# of strips]

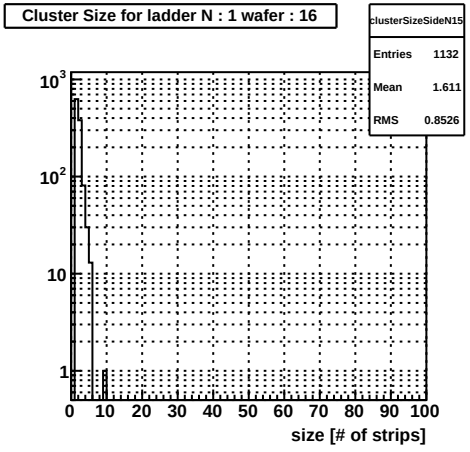

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5079
Mean 1.27
RMS 0.633
size [# of strips]

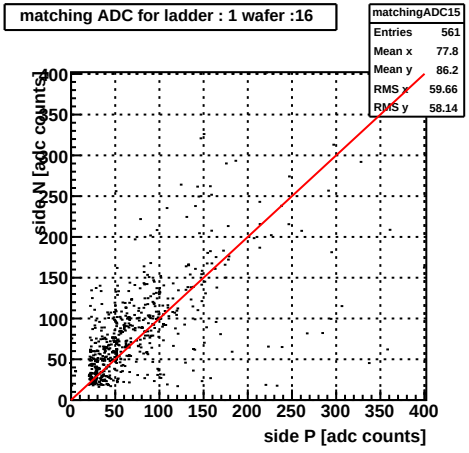

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1226
Mean x 82.82
Mean y 87.25
RMS x 60.19
RMS y 64.47
side N [adc counts]
side P [adc counts]

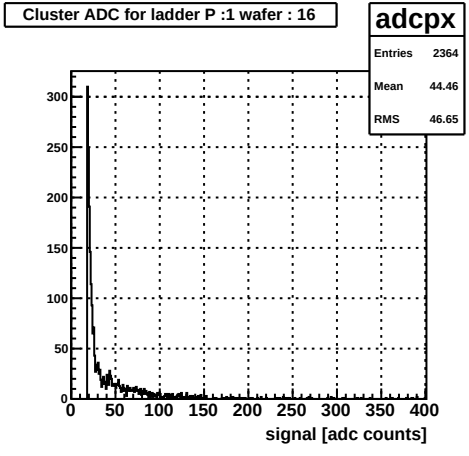

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 8007
Mean 40.12
RMS 34.82
signal [adc counts]

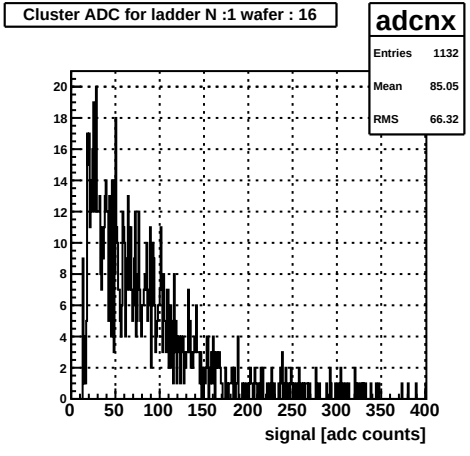

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5079
Mean 43.75
RMS 48.67
signal [adc counts]

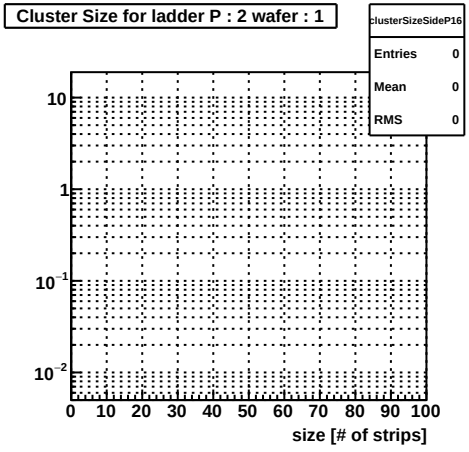

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2364
Mean 1.21
RMS 0.5567
size [# of strips]

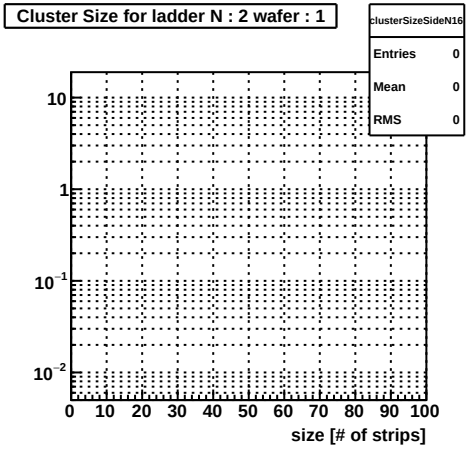

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1132
Mean 1.611
RMS 0.8526
size [# of strips]

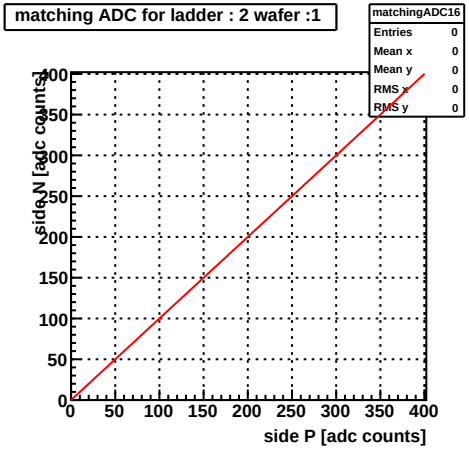

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 561
Mean x 77.8
Mean y 86.2
RMS x 59.66
RMS y 58.14
side N [adc counts]
side P [adc counts]

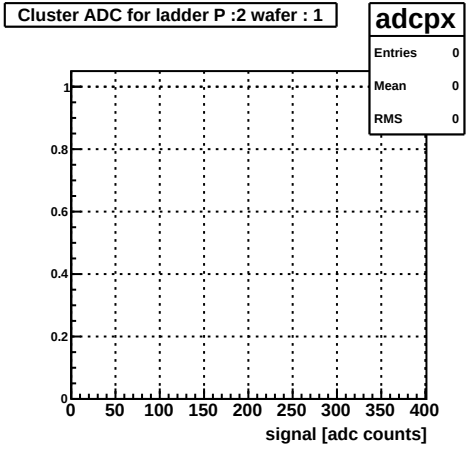

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2364
Mean 44.46
RMS 46.65
signal [adc counts]

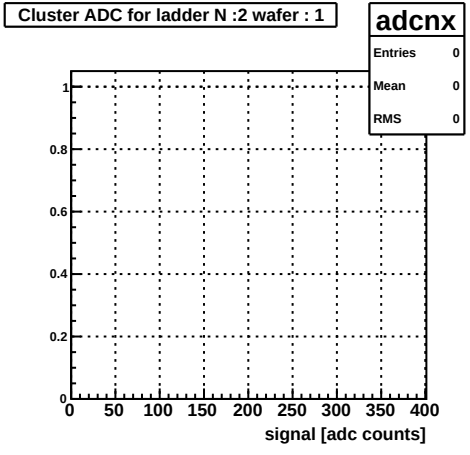

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1132
Mean 85.05
RMS 66.32
signal [adc counts]

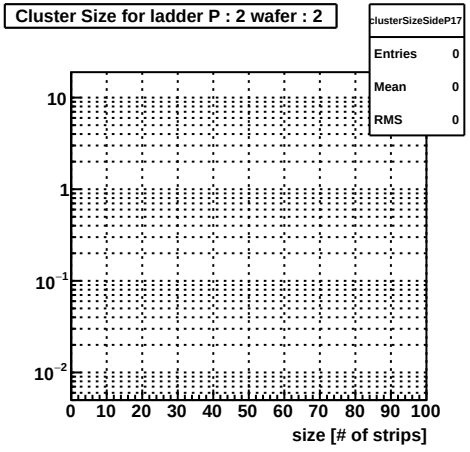

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

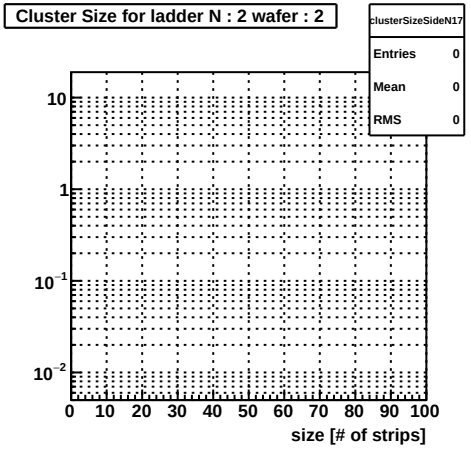

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

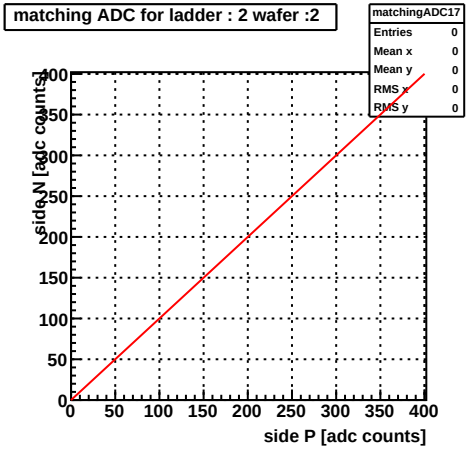

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

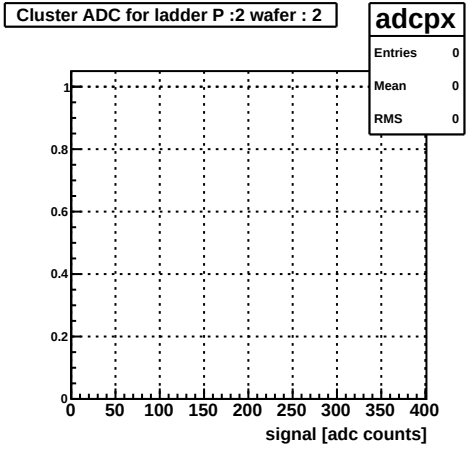

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

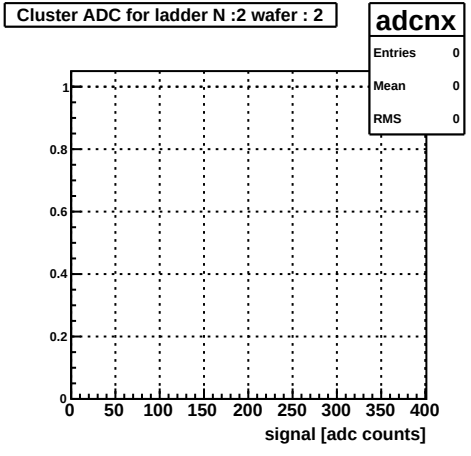

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

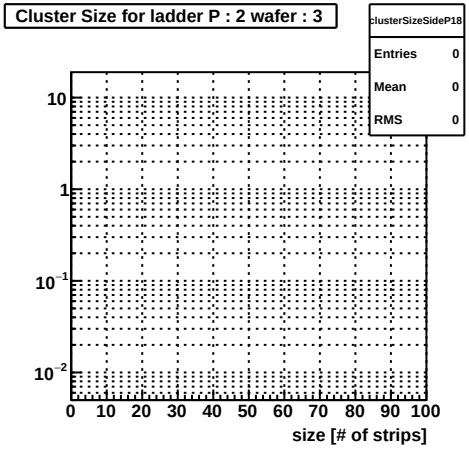

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

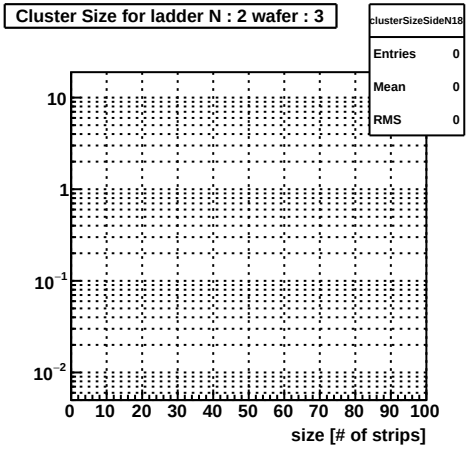

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

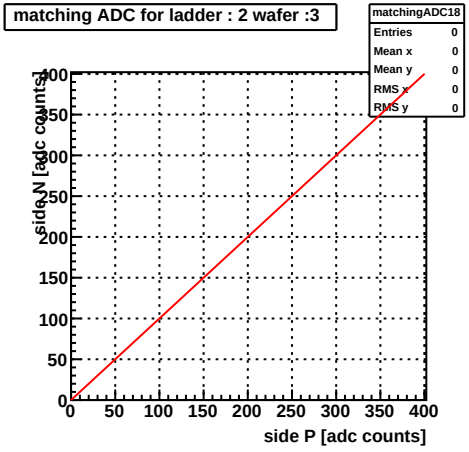

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

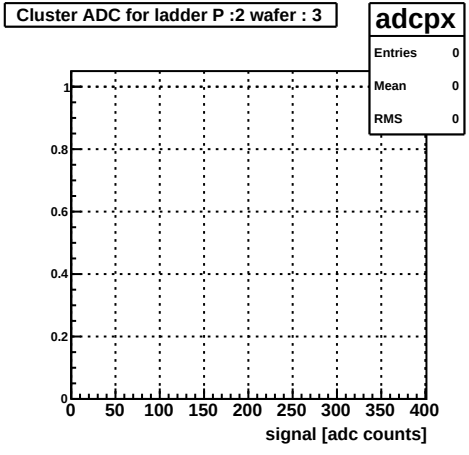

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

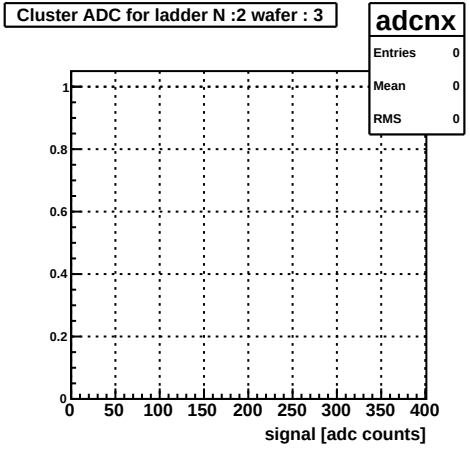

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

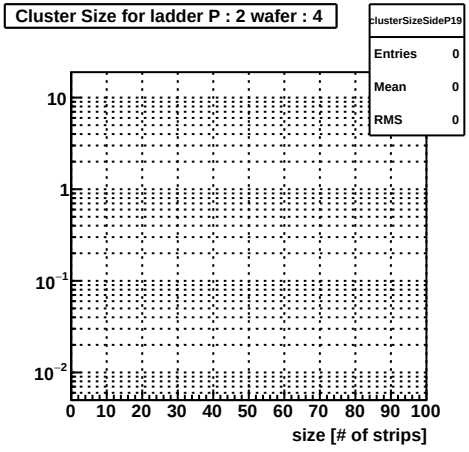

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

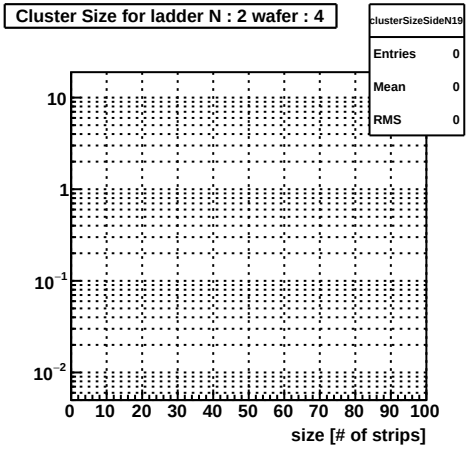

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

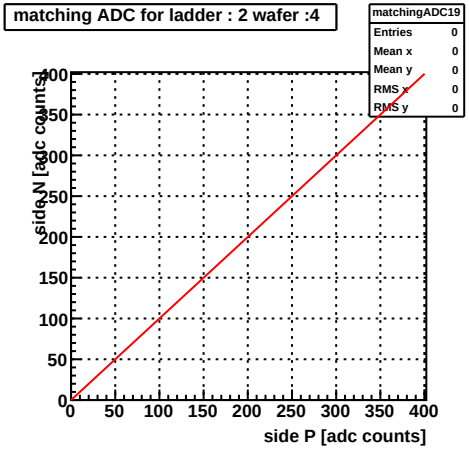

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

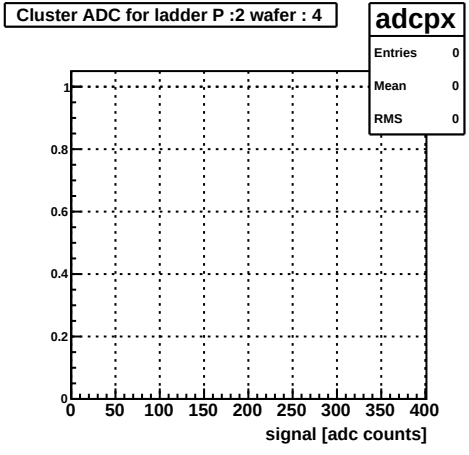

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

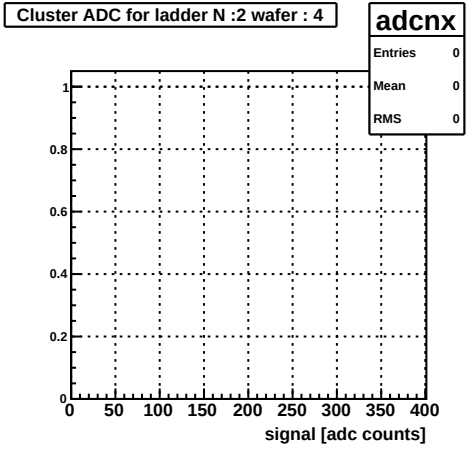

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

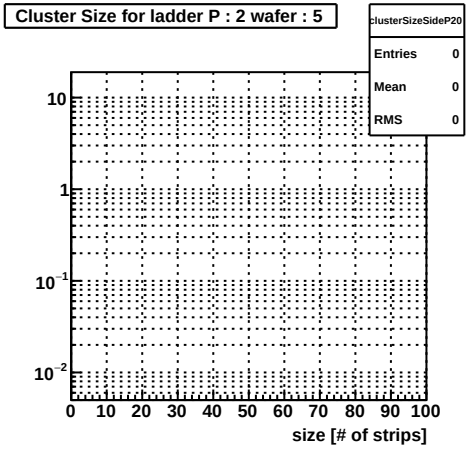

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

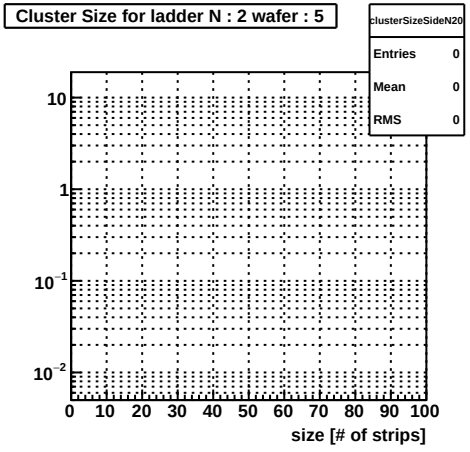

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

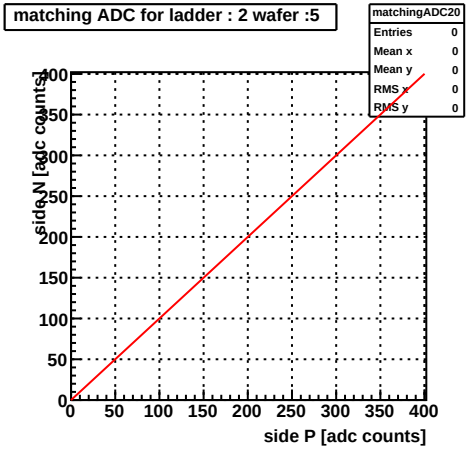

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

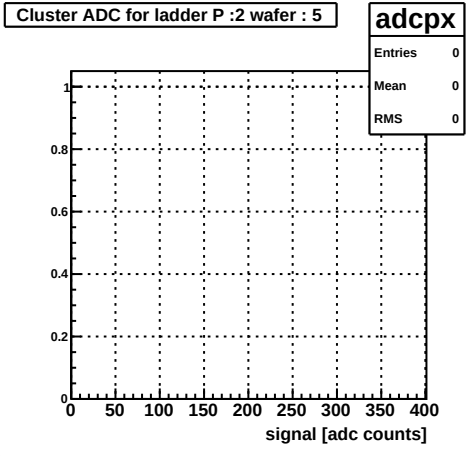

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

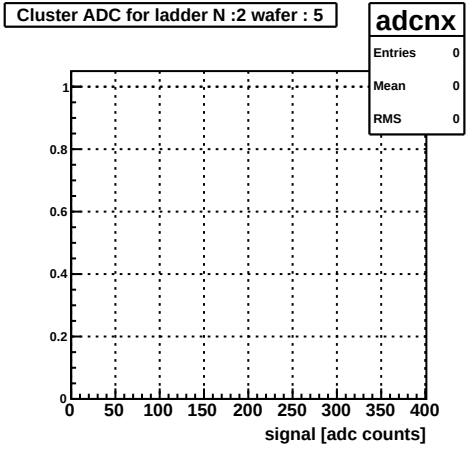

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

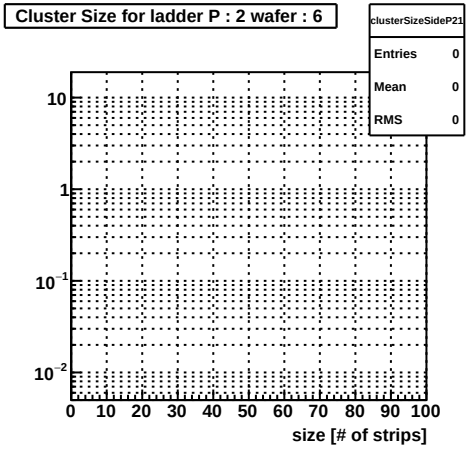

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

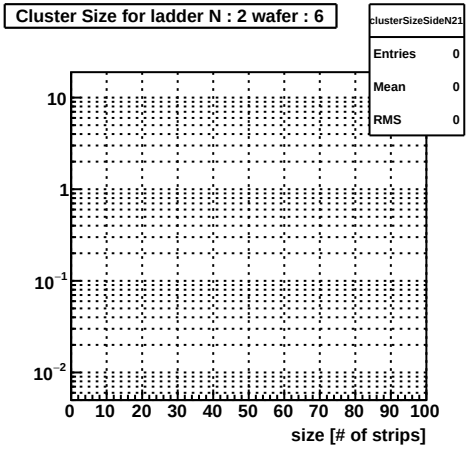

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

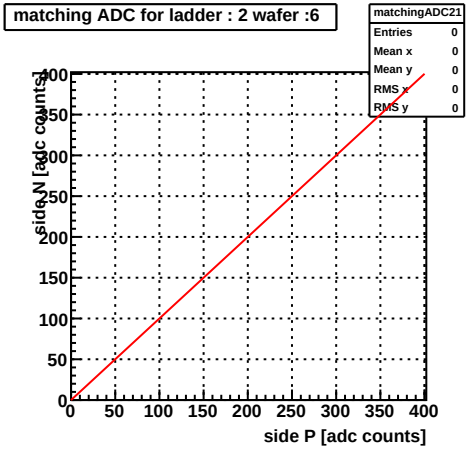

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

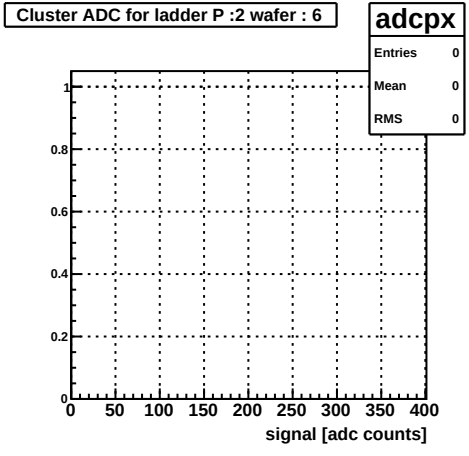

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

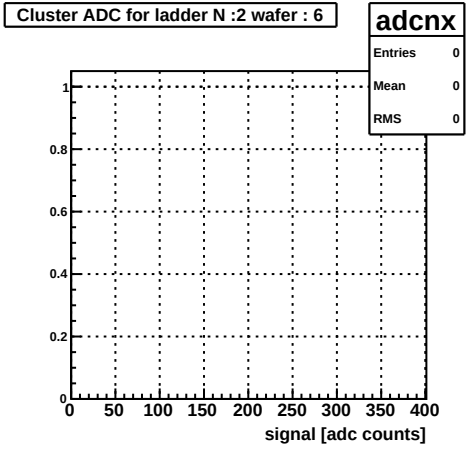

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

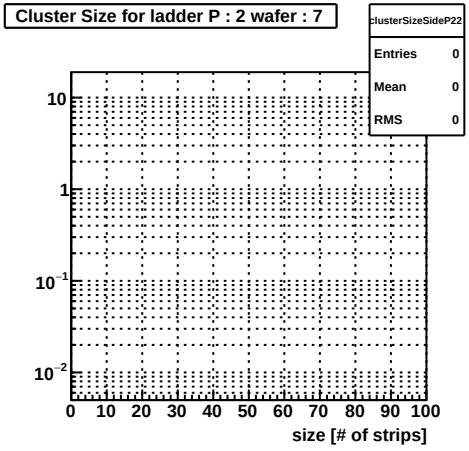

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

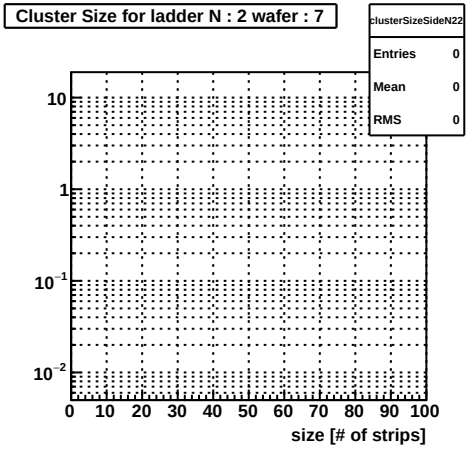

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

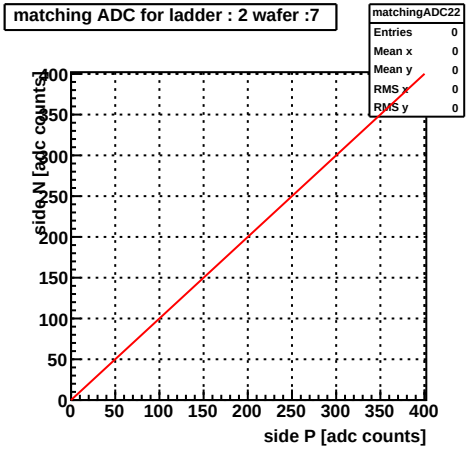

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

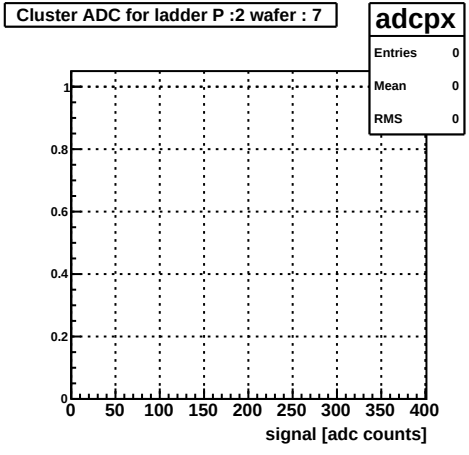

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

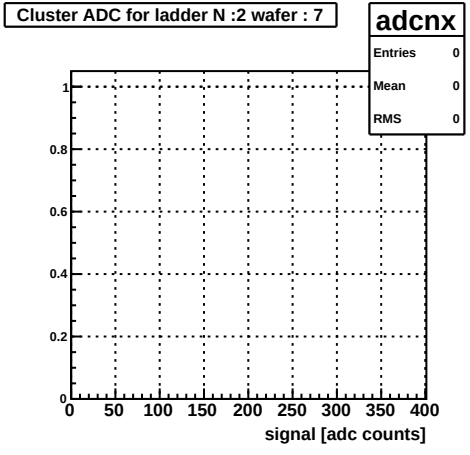

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

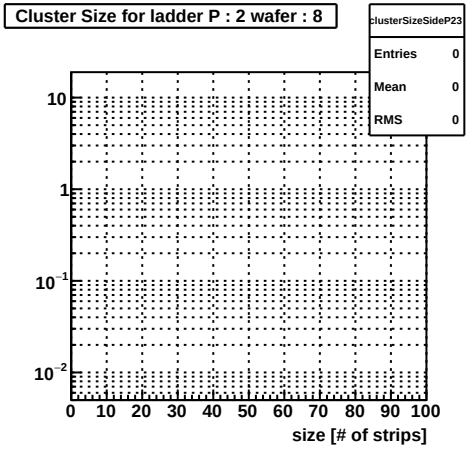

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

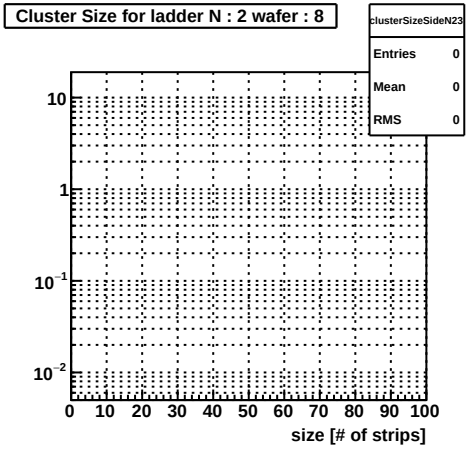

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

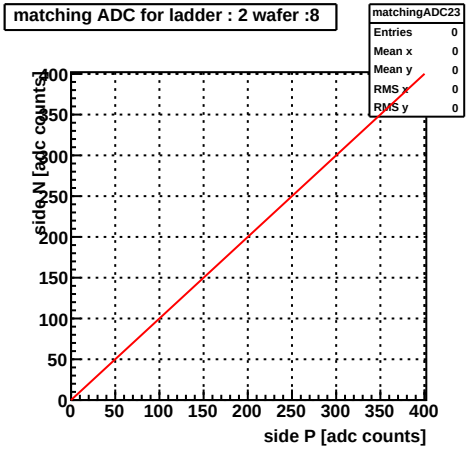

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

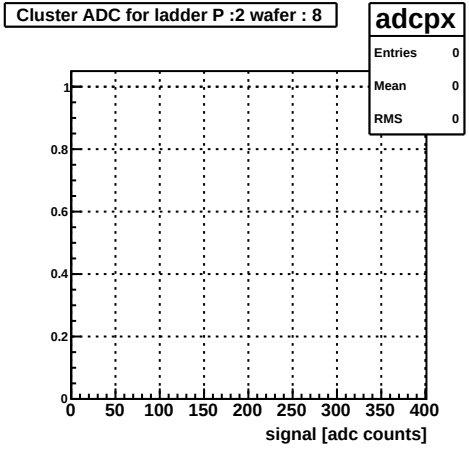

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

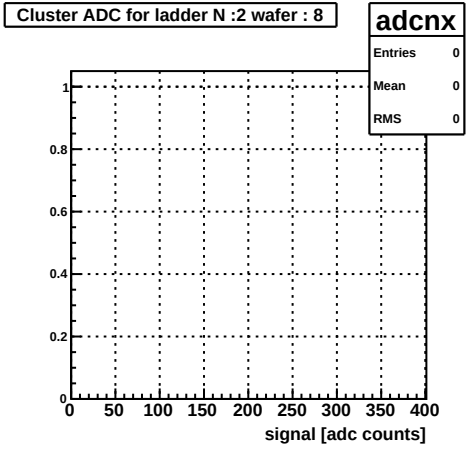

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

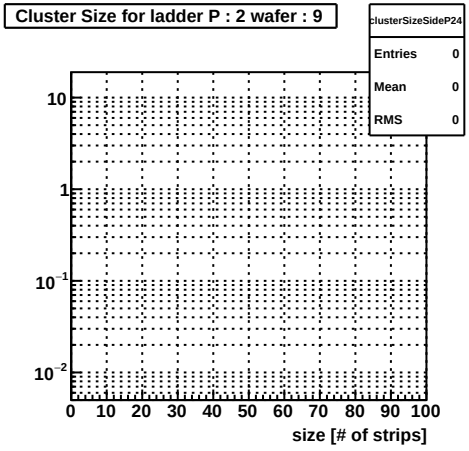

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

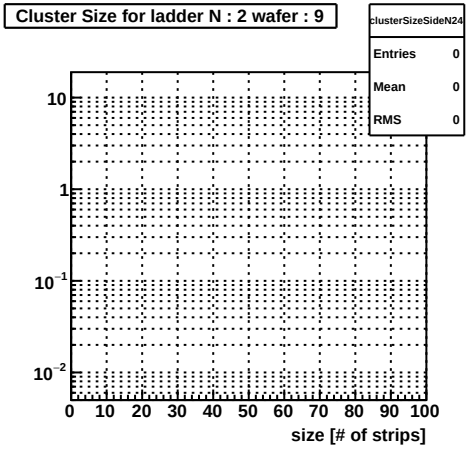

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

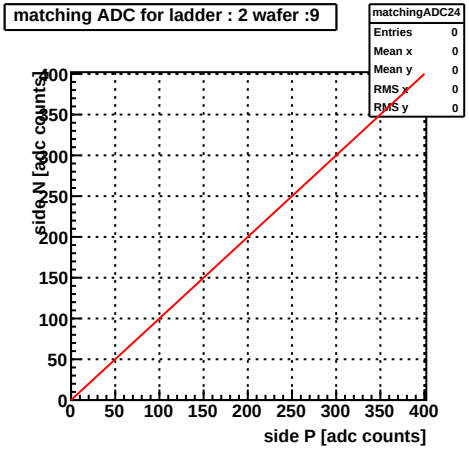

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

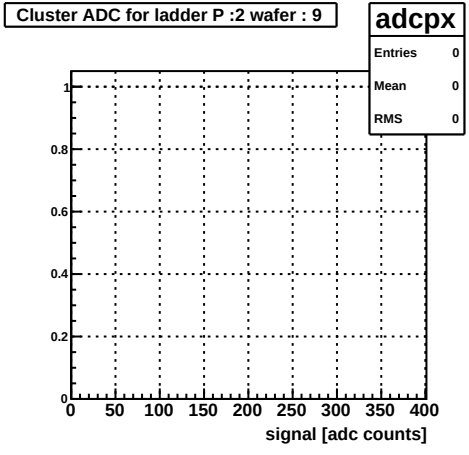

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

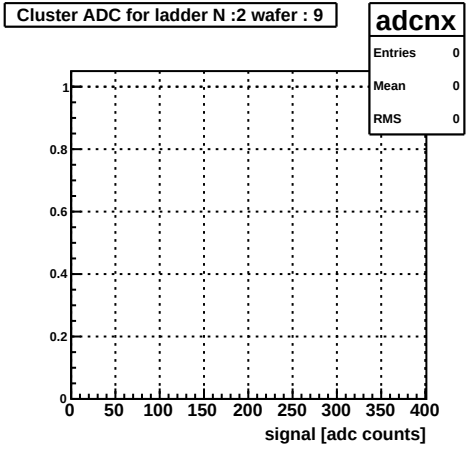

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

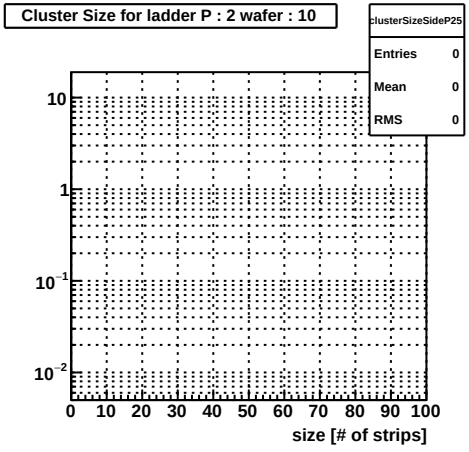

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

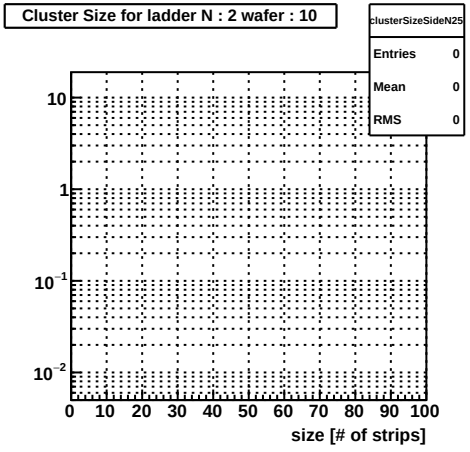

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

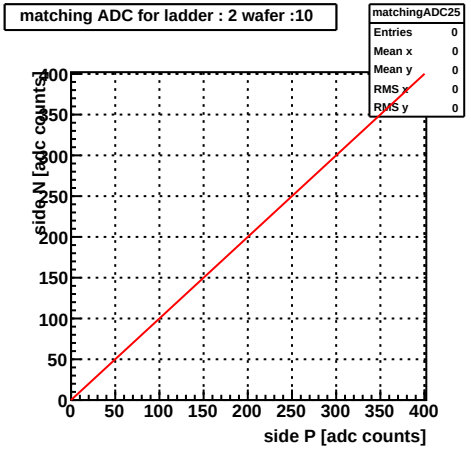

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

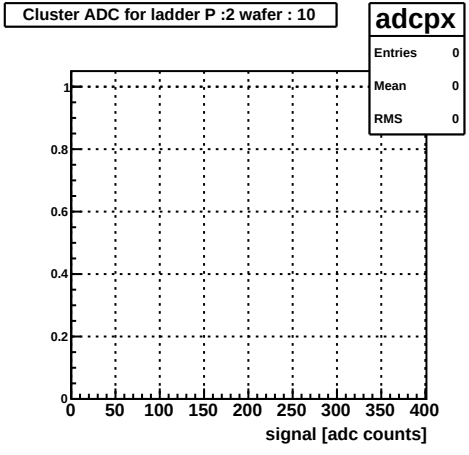

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

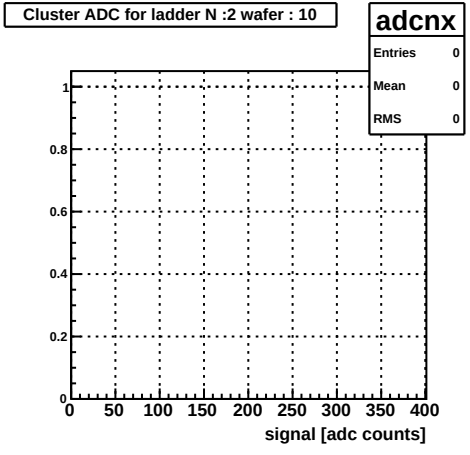

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

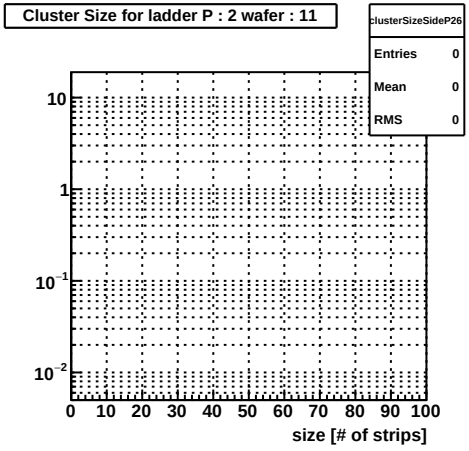

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

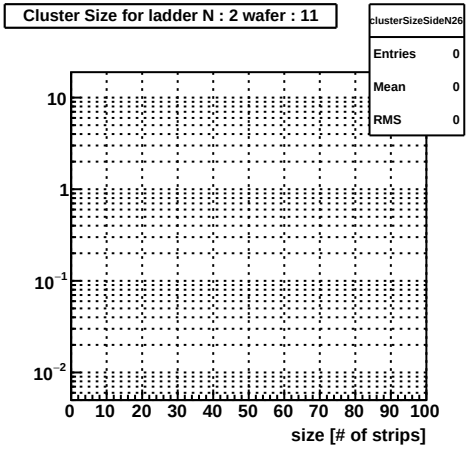

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

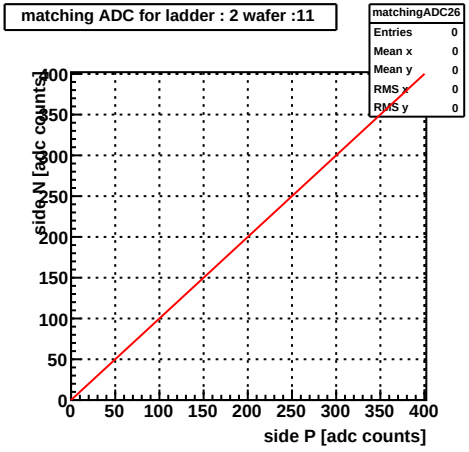

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

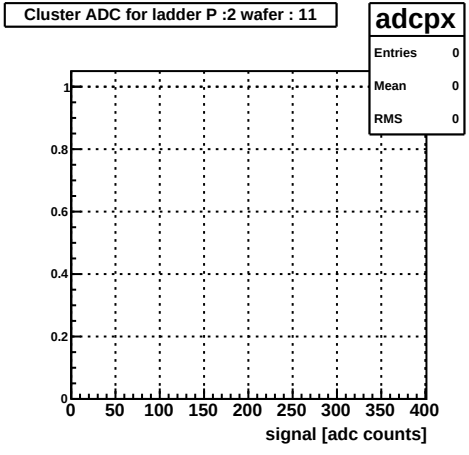

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

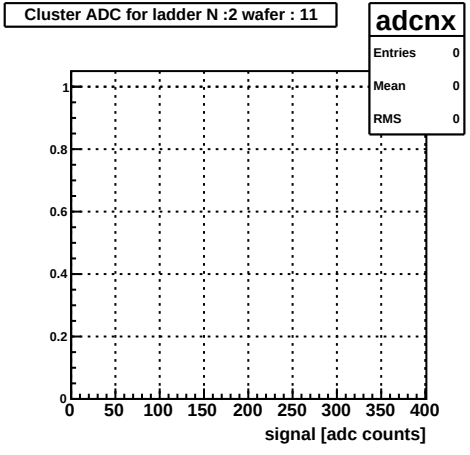

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

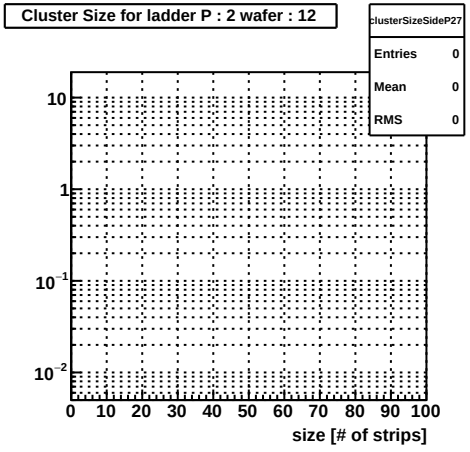

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

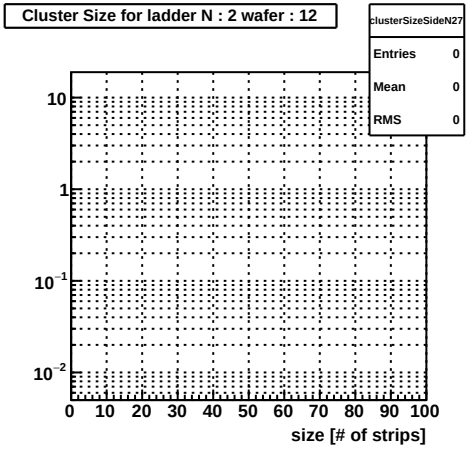

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

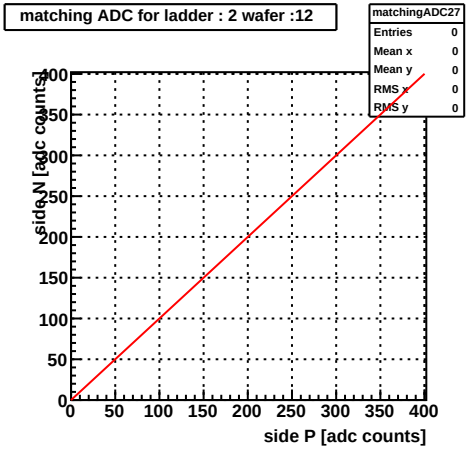

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

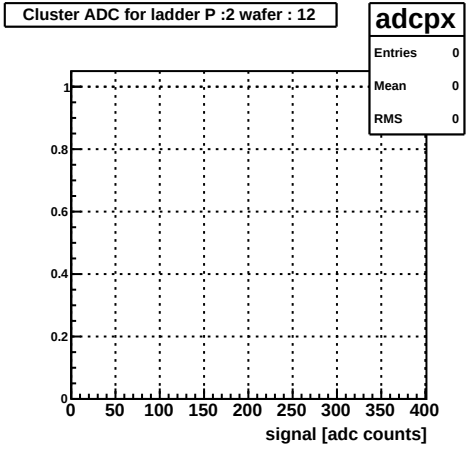

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

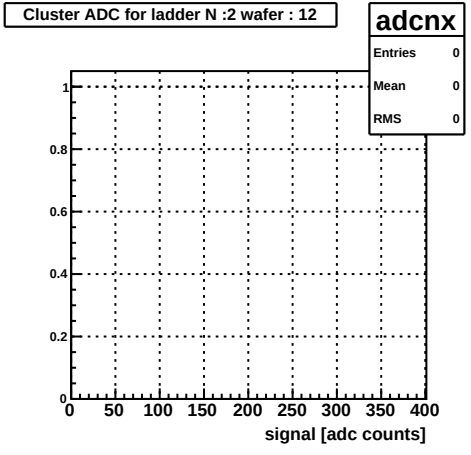

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

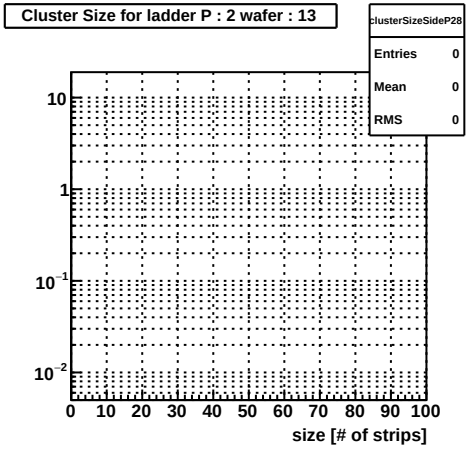

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

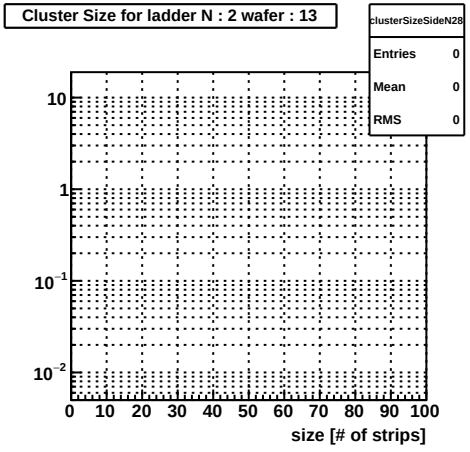

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

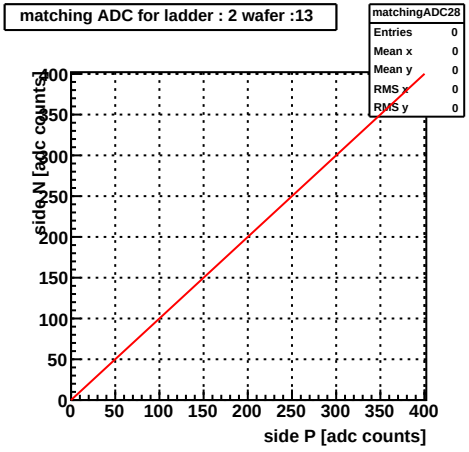

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

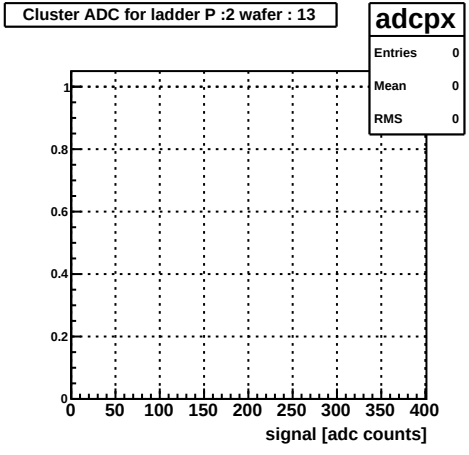

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

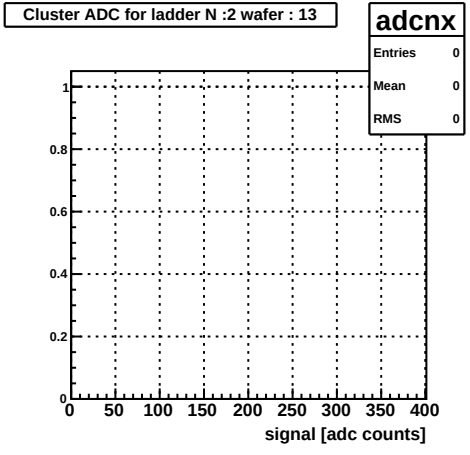

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

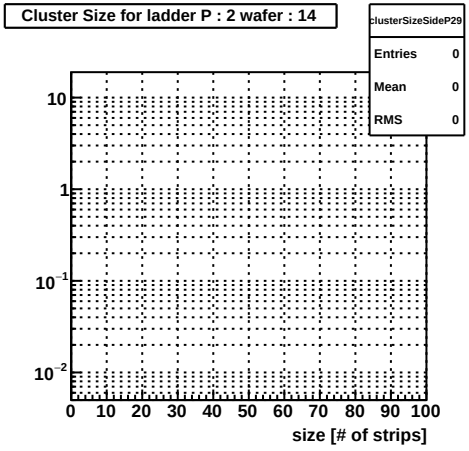

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

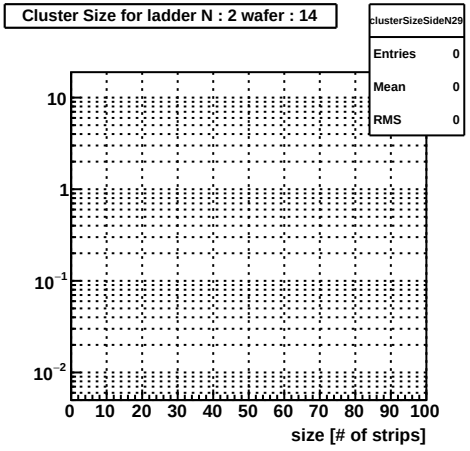

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

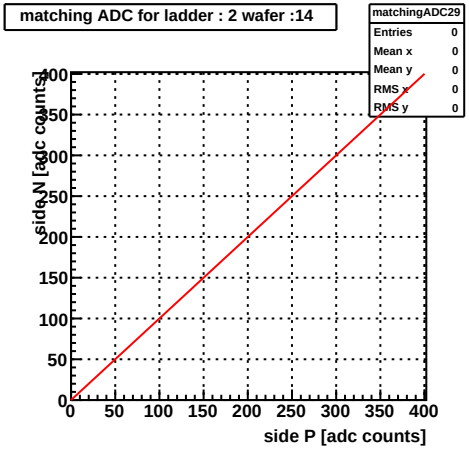

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

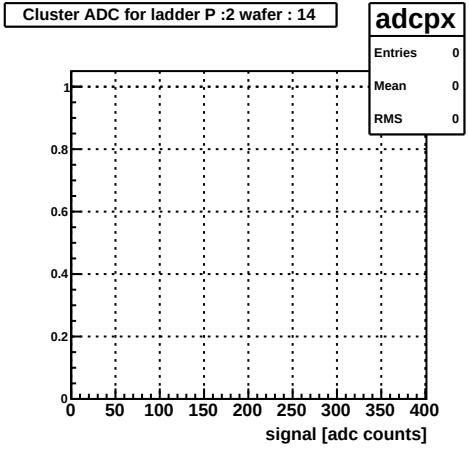

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

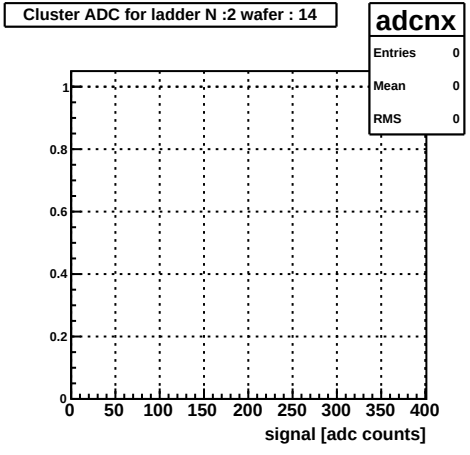

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

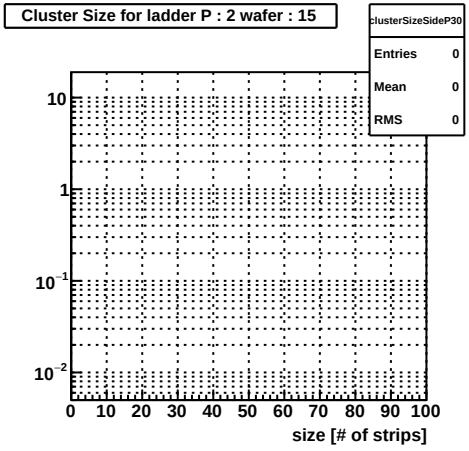

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

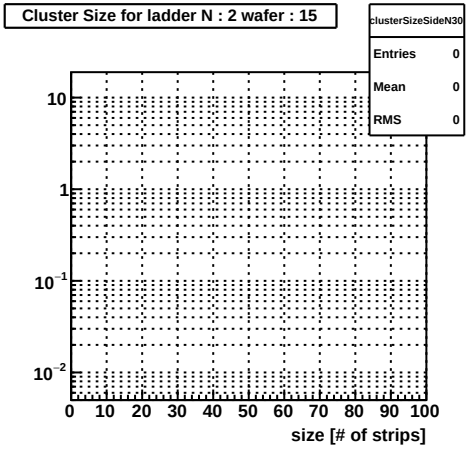

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

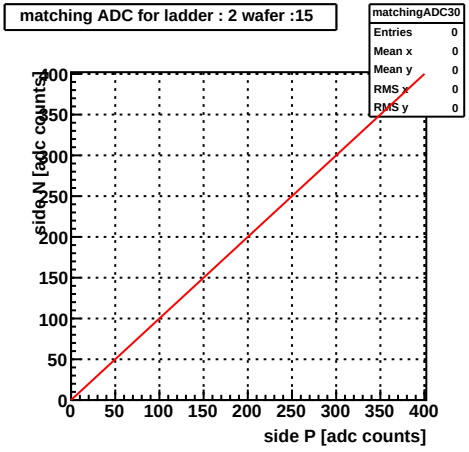

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

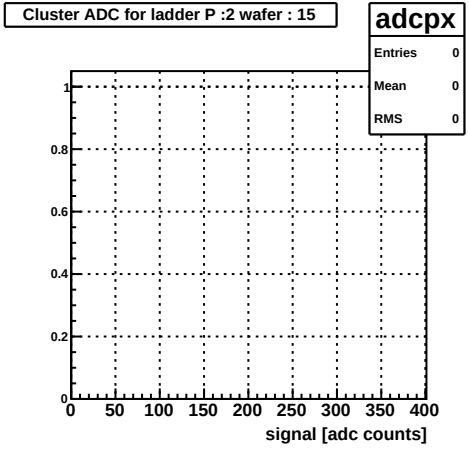

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

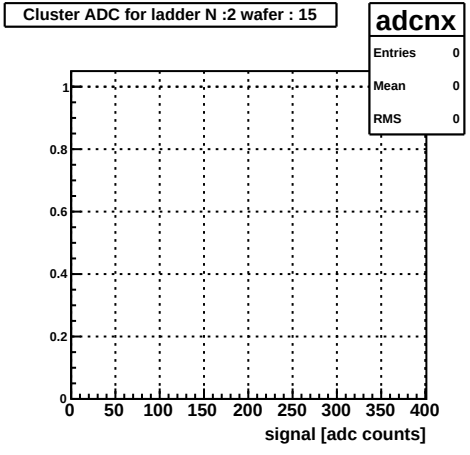

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

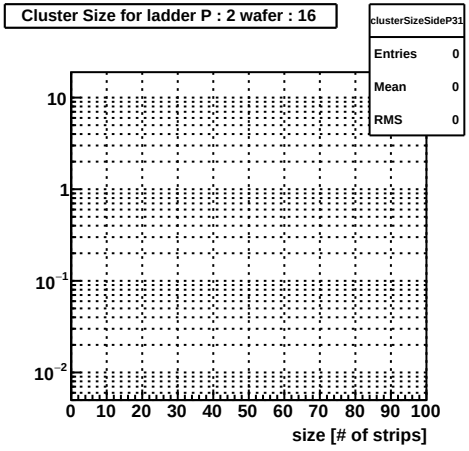

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

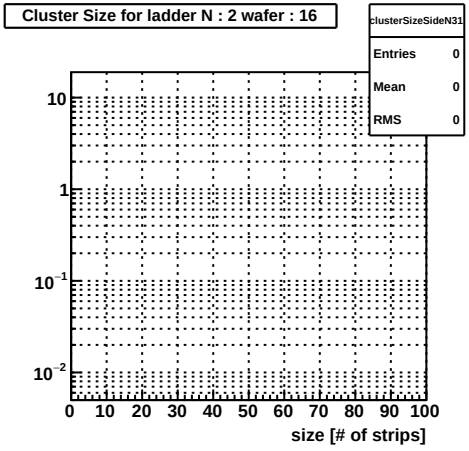

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

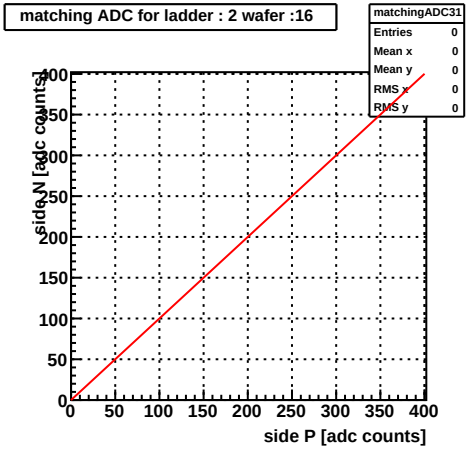

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

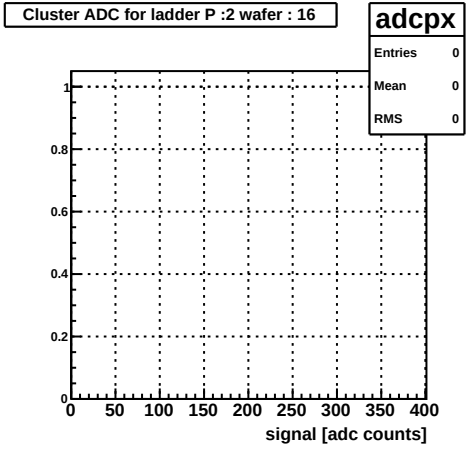

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

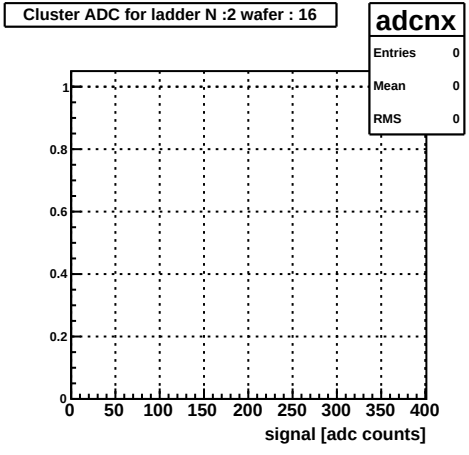

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

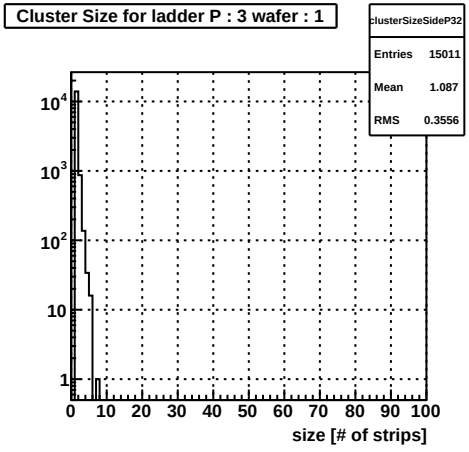

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

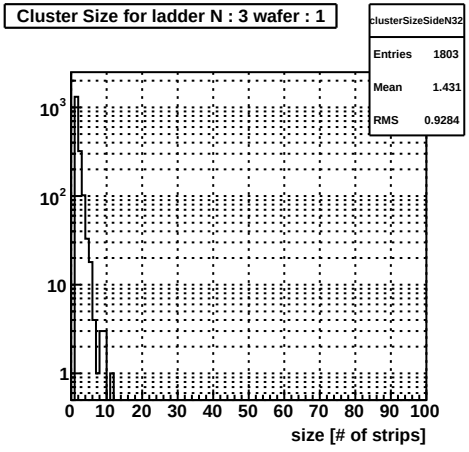

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

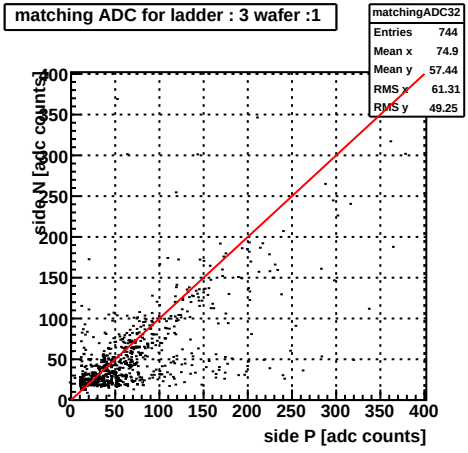

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

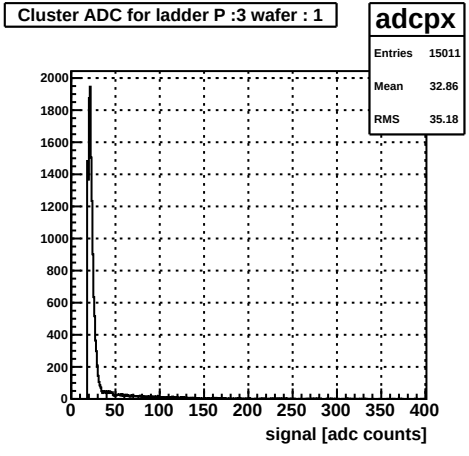

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

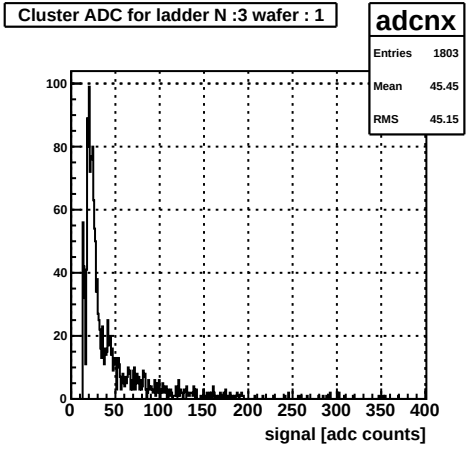

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

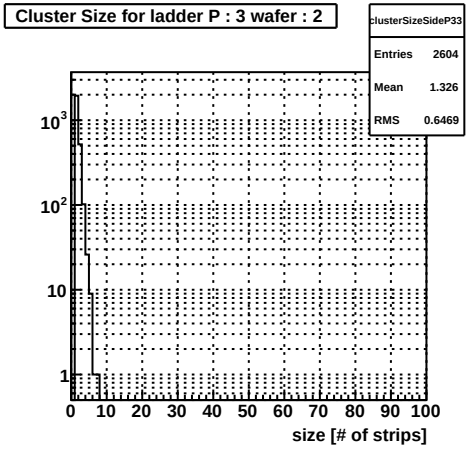

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 15011
Mean 1.087
RMS 0.3556
size [# of strips]

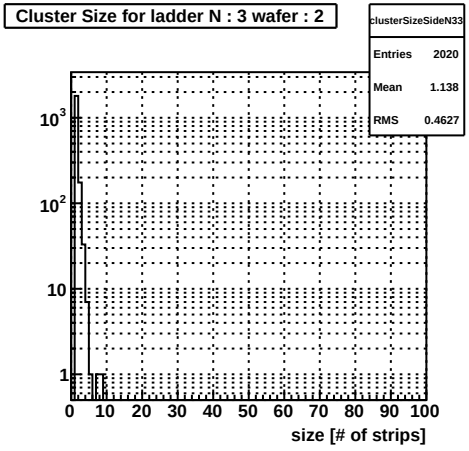

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1803
Mean 1.431
RMS 0.9284
size [# of strips]

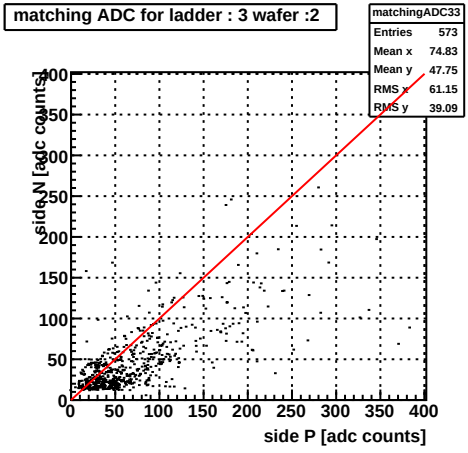

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 744
Mean x 74.9
Mean y 57.44
RMS x 61.31
RMS y 49.25
side N [adc counts]
side P [adc counts]

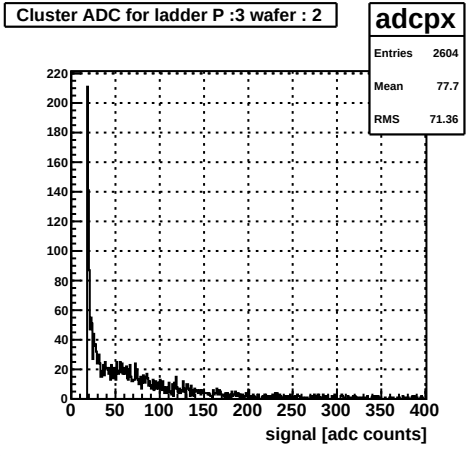

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 15011
Mean 32.86
RMS 35.18
signal [adc counts]

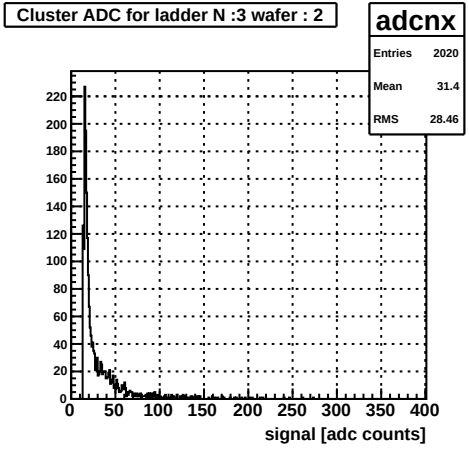

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1803
Mean 45.45
RMS 45.15
signal [adc counts]

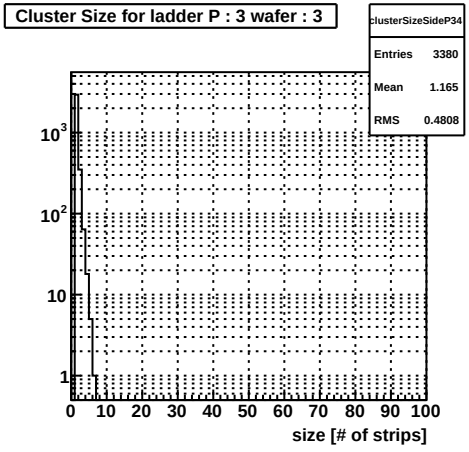

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2604
Mean 1.326
RMS 0.6469
size [# of strips]

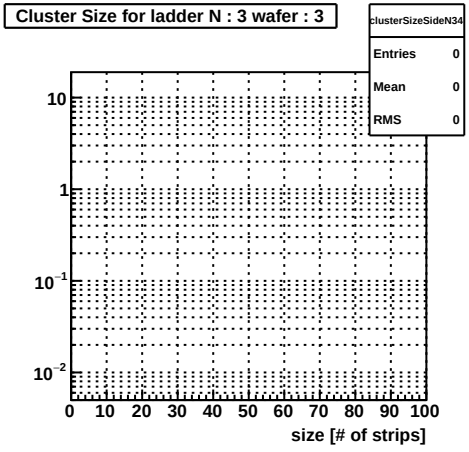

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2020
Mean 1.138
RMS 0.4627
size [# of strips]

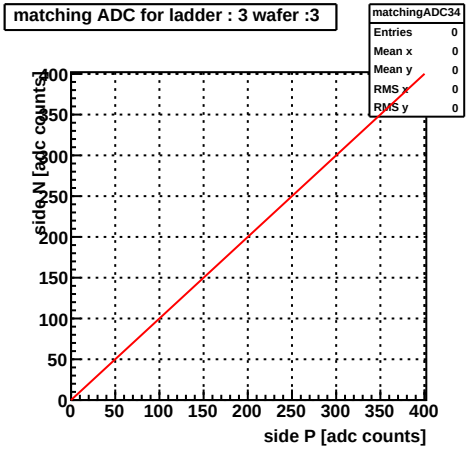

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 573
Mean x 74.83
Mean y 47.75
RMS x 61.15
RMS y 39.09
side N [adc counts]
side P [adc counts]

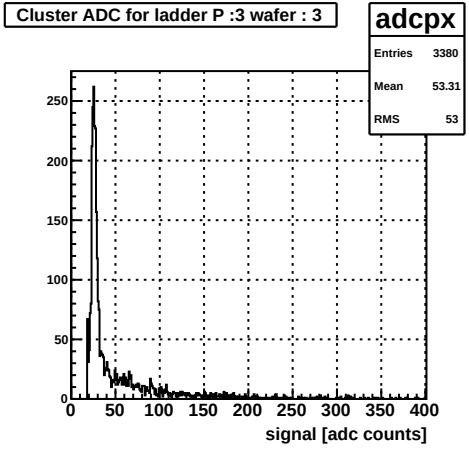

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2604
Mean 77.7
RMS 71.36
signal [adc counts]

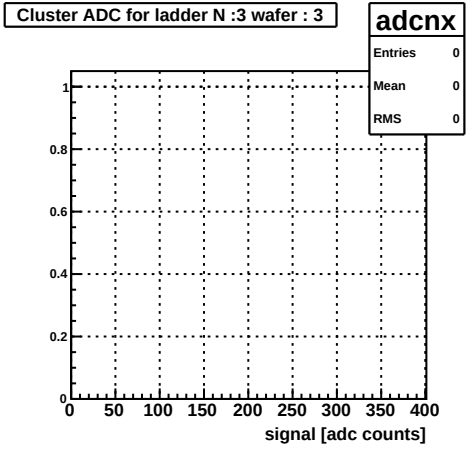

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2020
Mean 31.4
RMS 28.46
signal [adc counts]

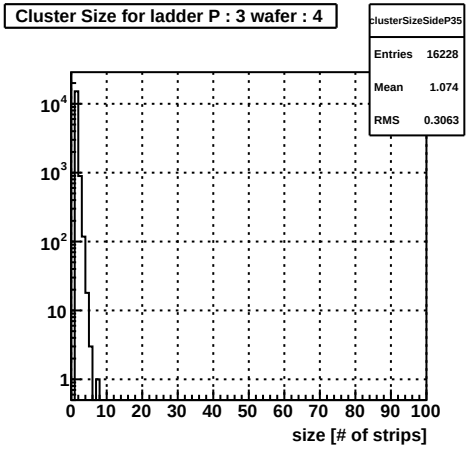

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3380
Mean 1.165
RMS 0.4808
size [# of strips]

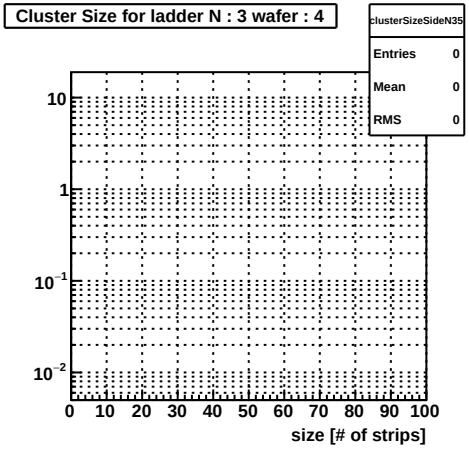

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

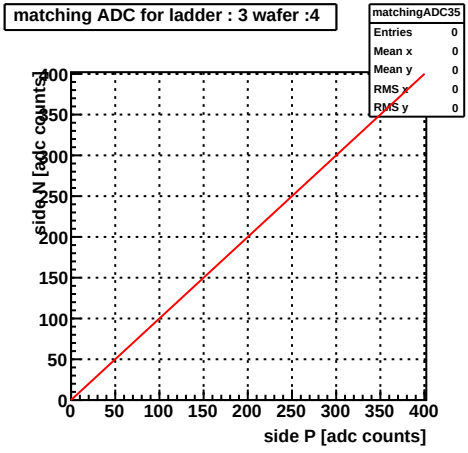

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

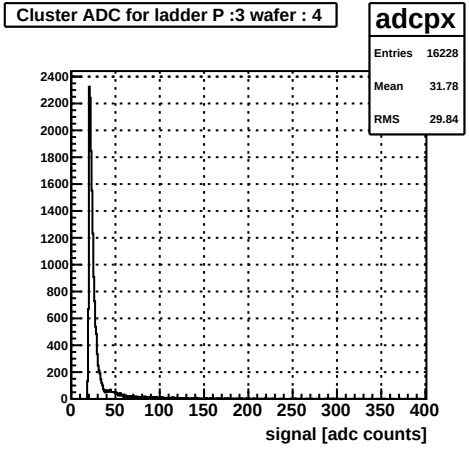

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3380
Mean 53.31
RMS 53
signal [adc counts]

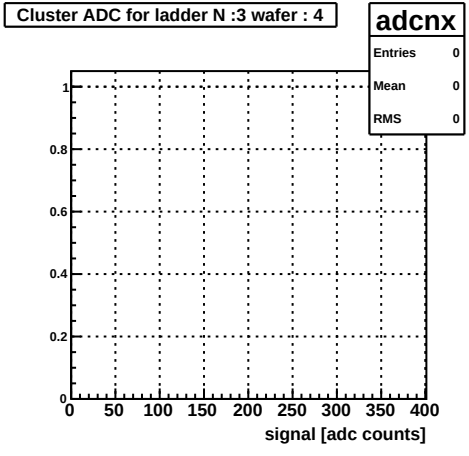

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

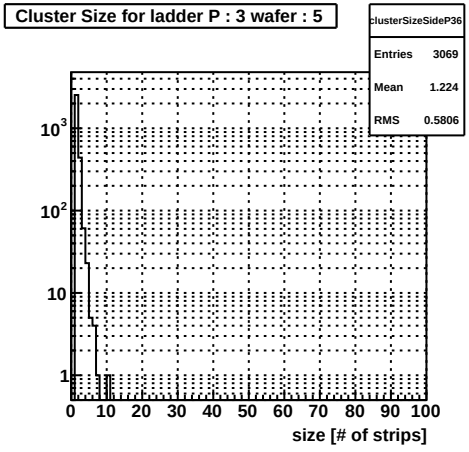

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 16228
Mean 1.074
RMS 0.3063
size [# of strips]

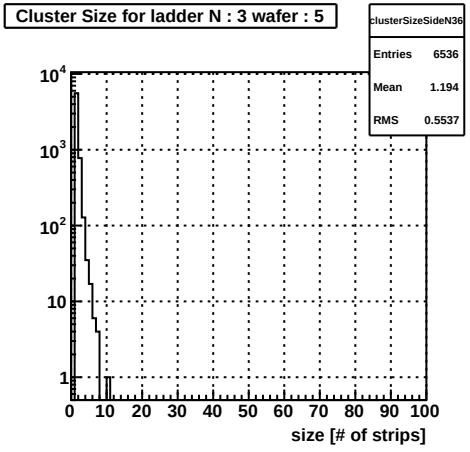

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

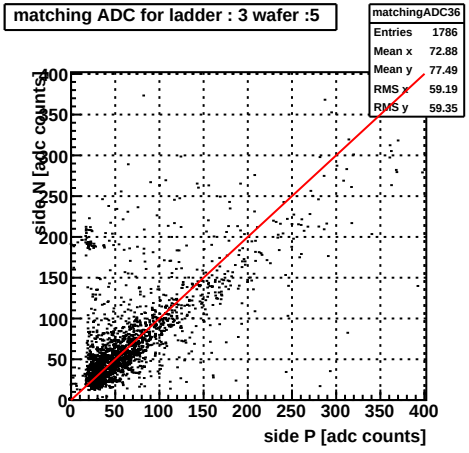

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

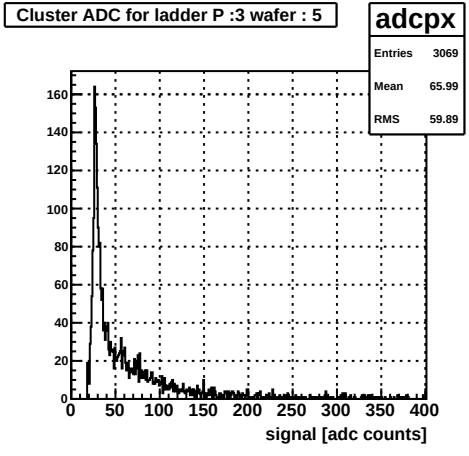

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 16228
Mean 31.78
RMS 29.84
signal [adc counts]

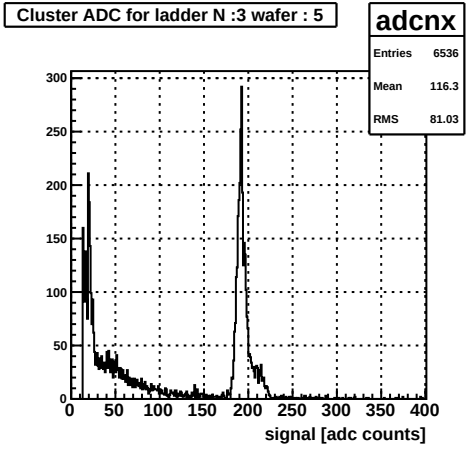

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

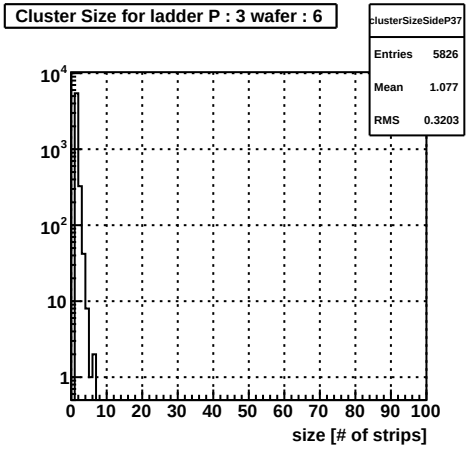

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3069
Mean 1.224
RMS 0.5806
size [# of strips]

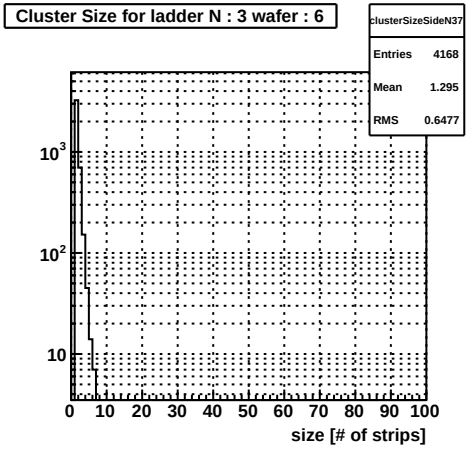

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6536
Mean 1.194
RMS 0.5537
size [# of strips]

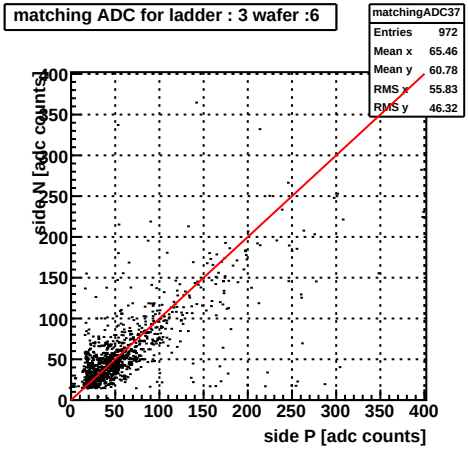

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1786
Mean x 72.88
Mean y 77.49
RMS x 59.19
RMS y 59.35
side N [adc counts]
side P [adc counts]

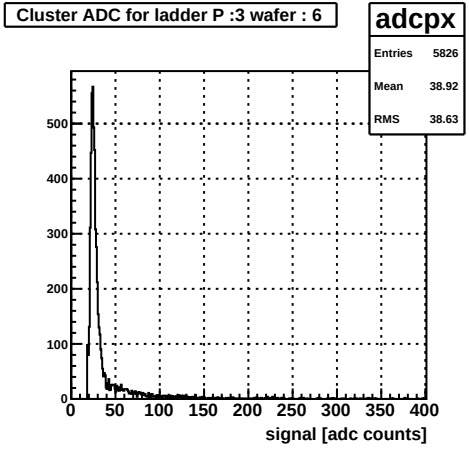

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3069
Mean 65.99
RMS 59.89
signal [adc counts]

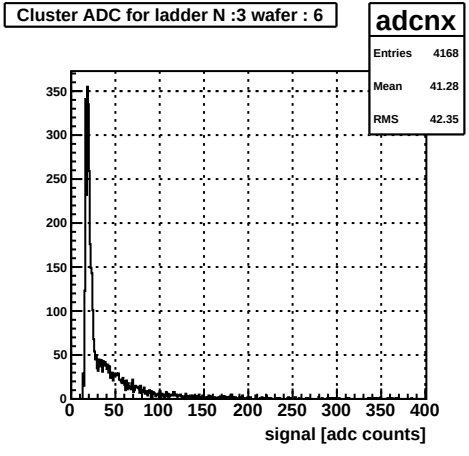

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6536
Mean 116.3
RMS 81.03
signal [adc counts]

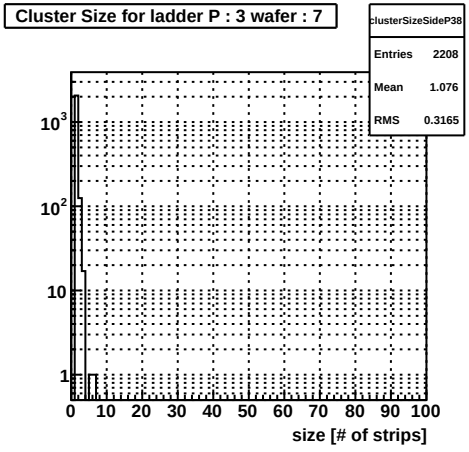

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5826
Mean 1.077
RMS 0.3203
size [# of strips]

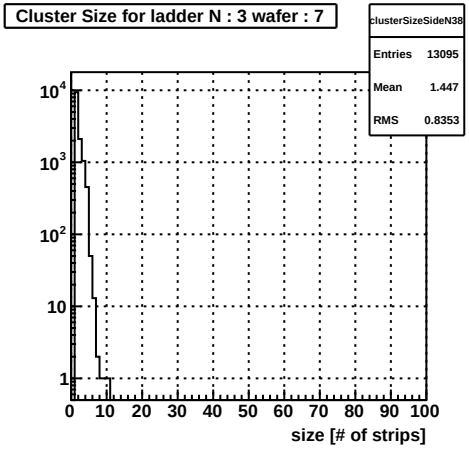

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4168
Mean 1.295
RMS 0.6477
size [# of strips]

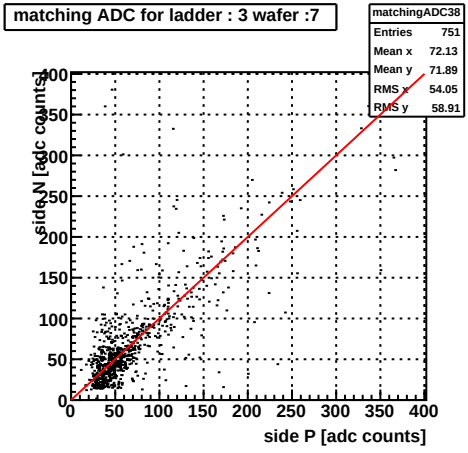

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 972
Mean x 65.46
Mean y 60.78
RMS x 55.83
RMS y 46.32
side N [adc counts]
side P [adc counts]

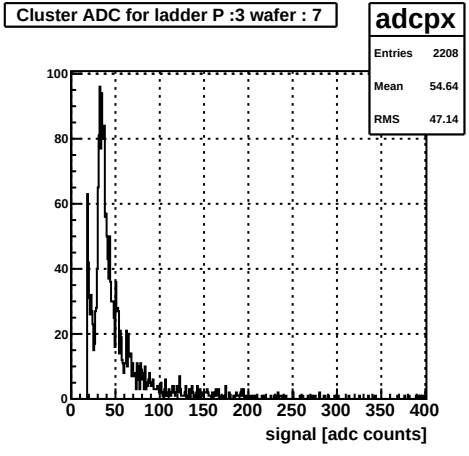

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5826
Mean 38.92
RMS 38.63
signal [adc counts]

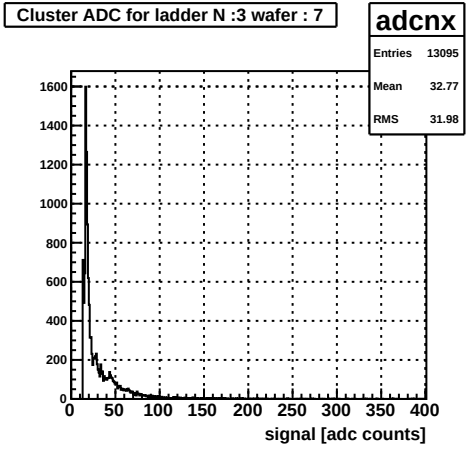

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4168
Mean 41.28
RMS 42.35
signal [adc counts]

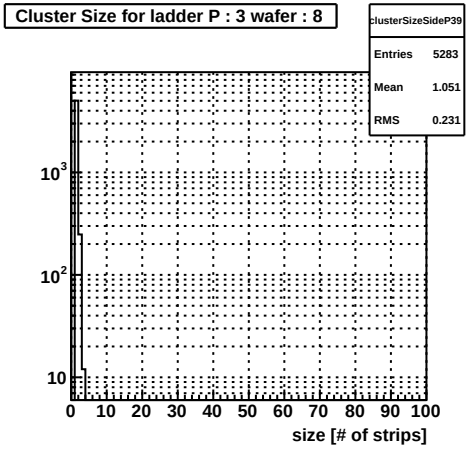

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2208
Mean 1.076
RMS 0.3165
size [# of strips]

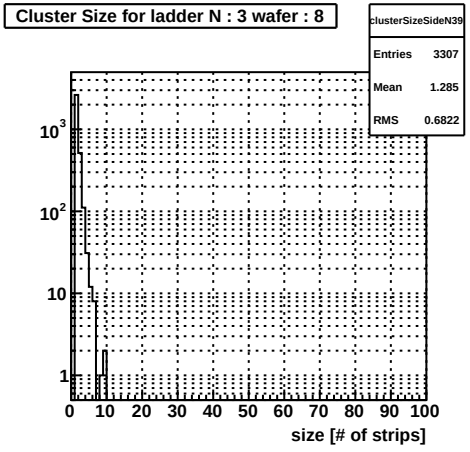

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13095
Mean 1.447
RMS 0.8353
size [# of strips]

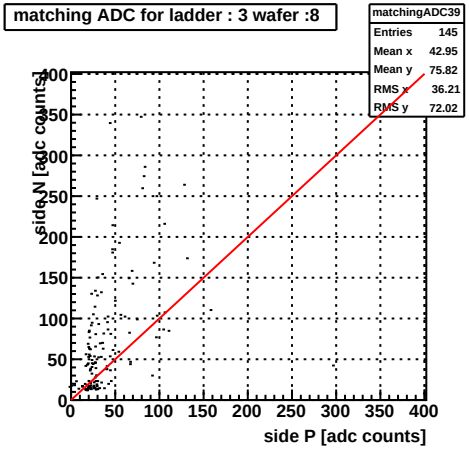

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 751
Mean x 72.13
Mean y 71.89
RMS x 54.05
RMS y 58.91
side N [adc counts]
side P [adc counts]

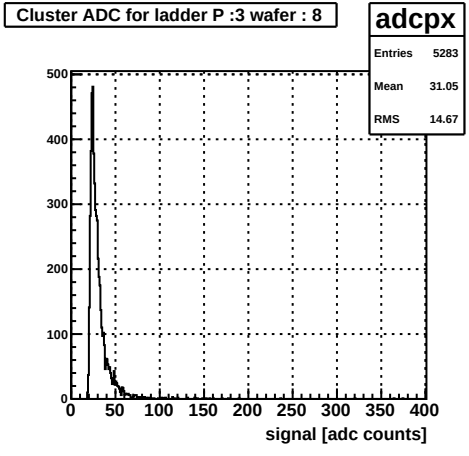

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2208
Mean 54.64
RMS 47.14
signal [adc counts]

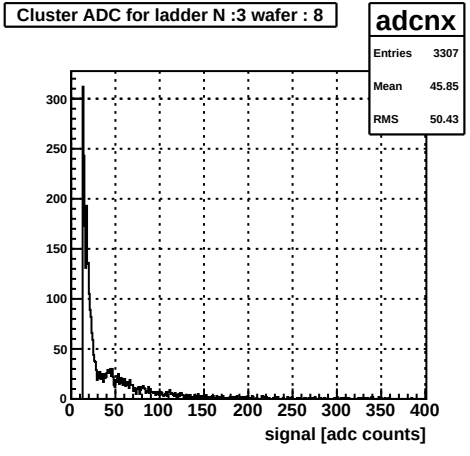

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13095
Mean 32.77
RMS 31.98
signal [adc counts]

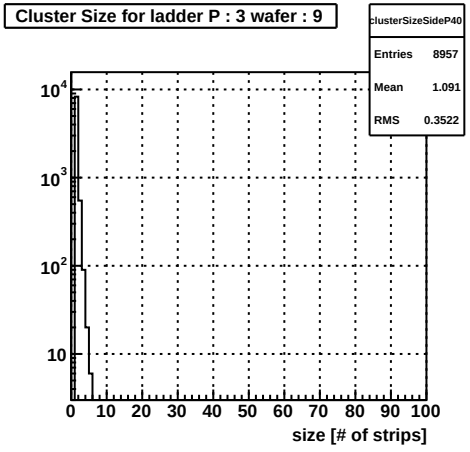

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5283
Mean 1.051
RMS 0.231
size [# of strips]

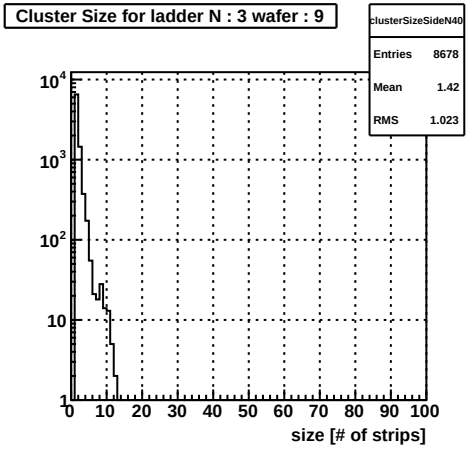

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3307
Mean 1.285
RMS 0.6822
size [# of strips]

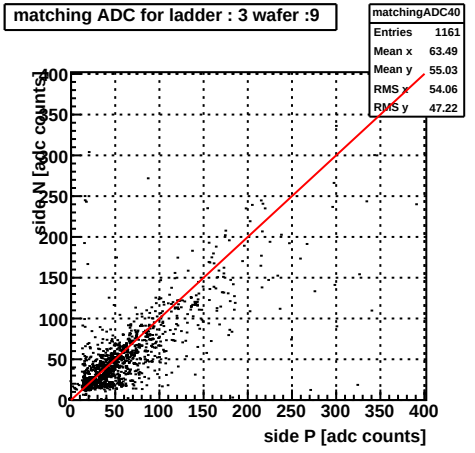

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 145
Mean x 42.95
Mean y 75.82
RMS x 36.21
RMS y 72.02
side N [adc counts]
side P [adc counts]

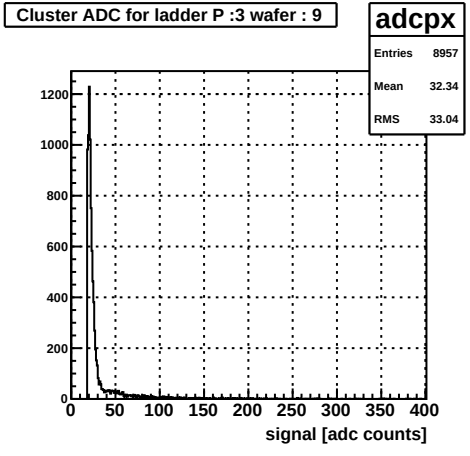

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5283
Mean 31.05
RMS 14.67
signal [adc counts]

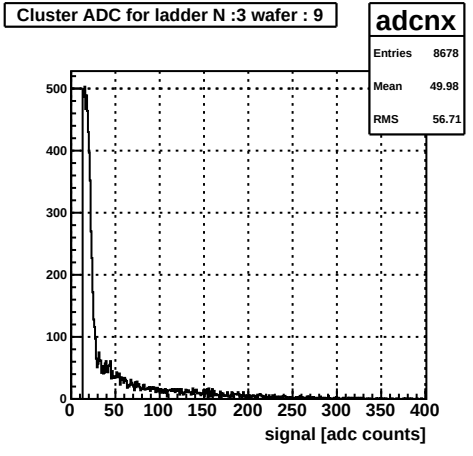

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3307
Mean 45.85
RMS 50.43
signal [adc counts]

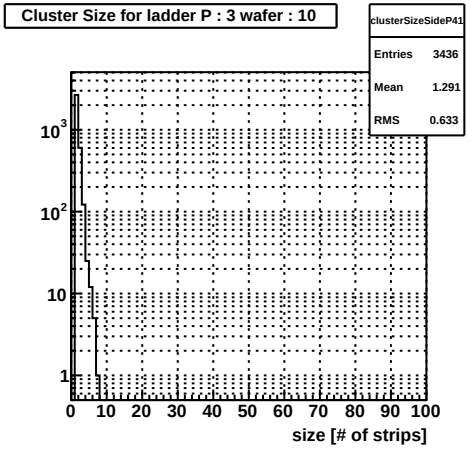

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8957
Mean 1.091
RMS 0.3522
size [# of strips]

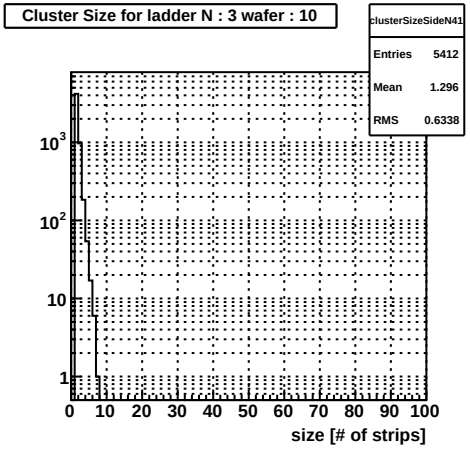

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8678
Mean 1.42
RMS 1.023
size [# of strips]

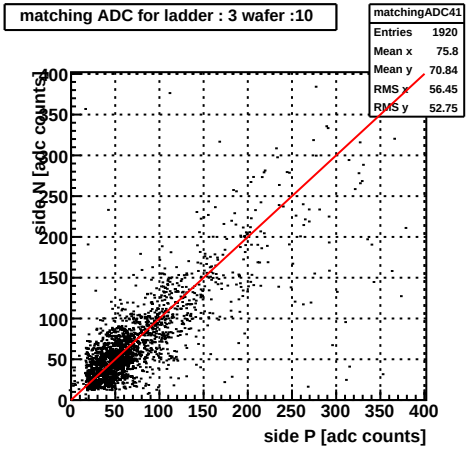

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1161
Mean x 63.49
Mean y 55.03
RMS x 54.06
RMS y 47.22
side N [adc counts]
side P [adc counts]

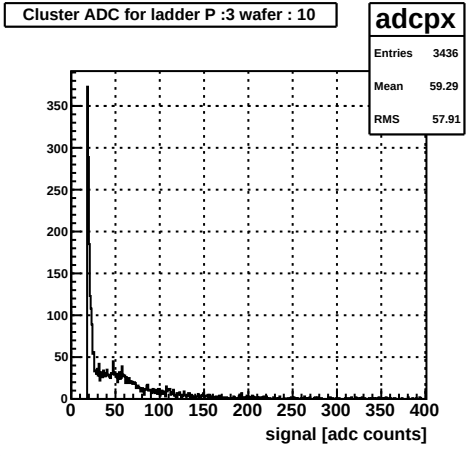

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8957
Mean 32.34
RMS 33.04
signal [adc counts]

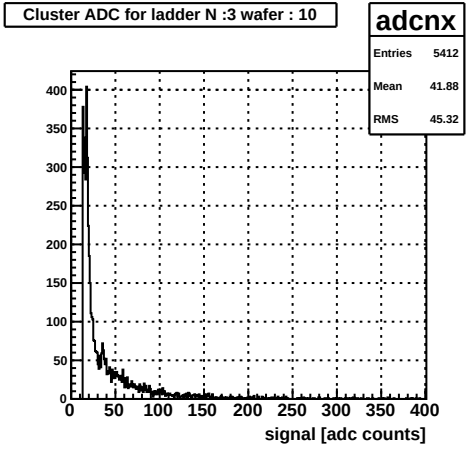

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8678
Mean 49.98
RMS 56.71
signal [adc counts]

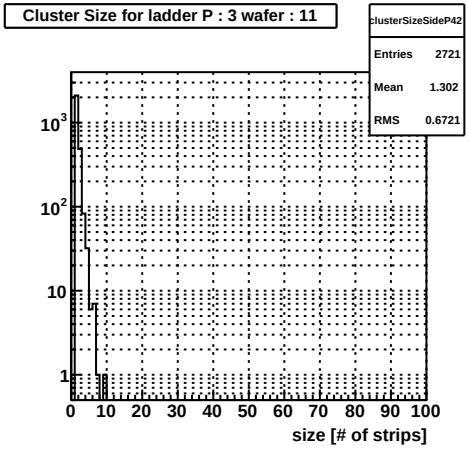

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3436
Mean 1.291
RMS 0.633
size [# of strips]

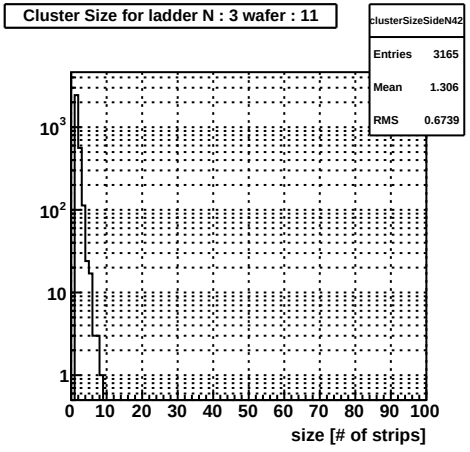

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5412
Mean 1.296
RMS 0.6338
size [# of strips]

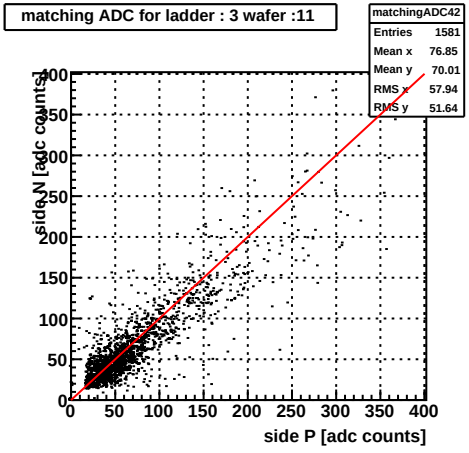

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1920
Mean x 75.8
Mean y 70.84
RMS x 56.45
RMS y 52.75
side N [adc counts]
side P [adc counts]

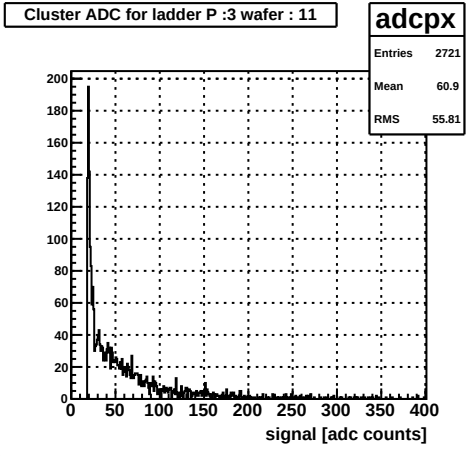

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3436
Mean 59.29
RMS 57.91
signal [adc counts]

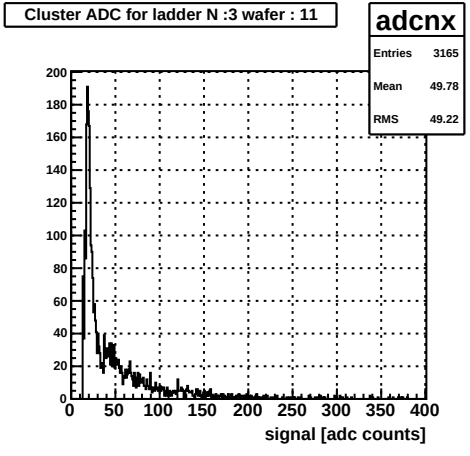

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5412
Mean 41.88
RMS 45.32
signal [adc counts]

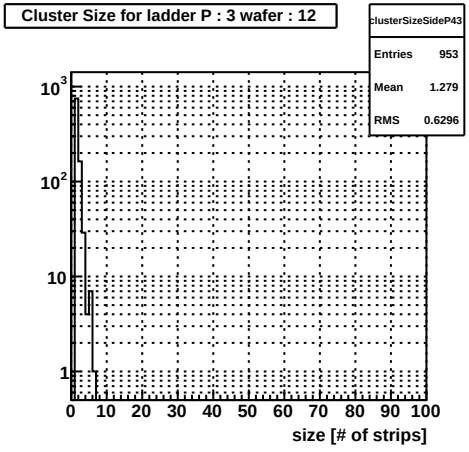

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2721
Mean 1.302
RMS 0.6721
size [# of strips]

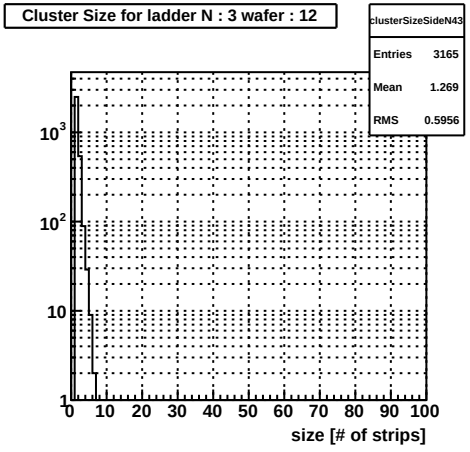

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3165
Mean 1.306
RMS 0.6739
size [# of strips]

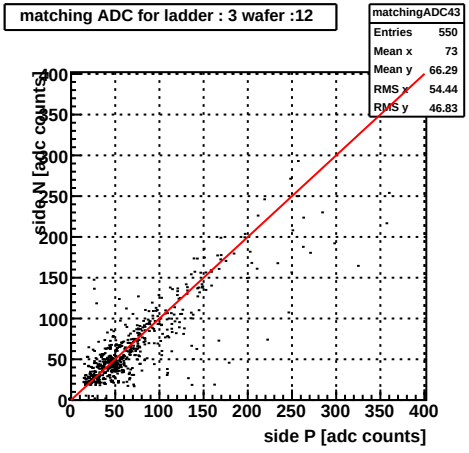

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1581
Mean x 76.85
Mean y 70.01
RMS x 57.94
RMS y 51.64
side N [adc counts]
side P [adc counts]

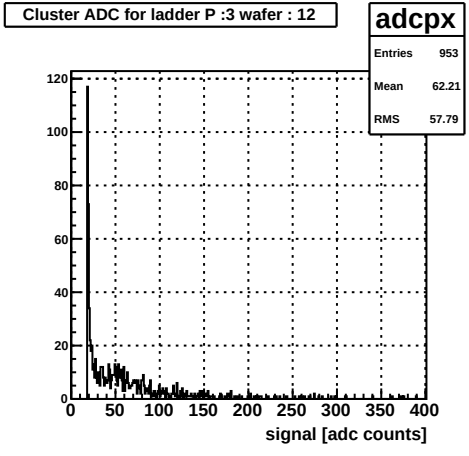

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2721
Mean 60.9
RMS 55.81
signal [adc counts]

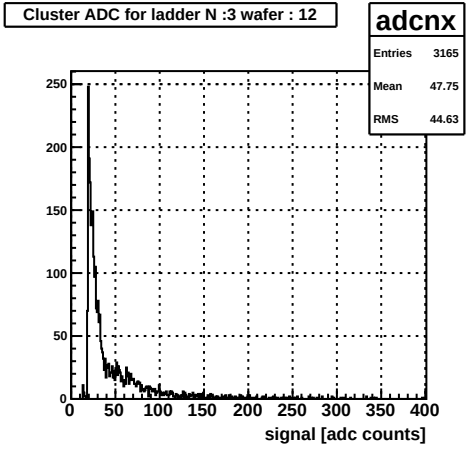

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3165
Mean 49.78
RMS 49.22
signal [adc counts]

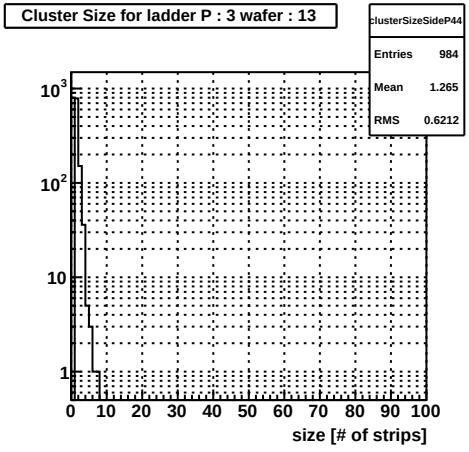

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 953
Mean 1.279
RMS 0.6296
size [# of strips]

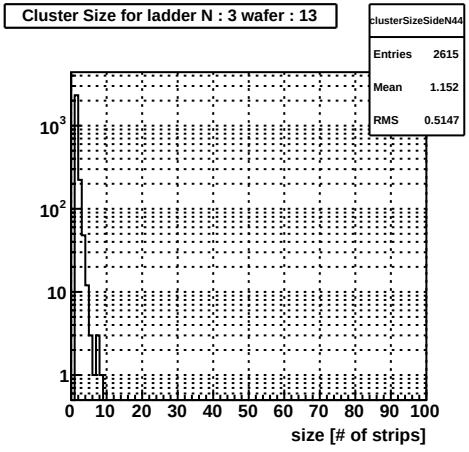

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3165
Mean 1.269
RMS 0.5956
size [# of strips]

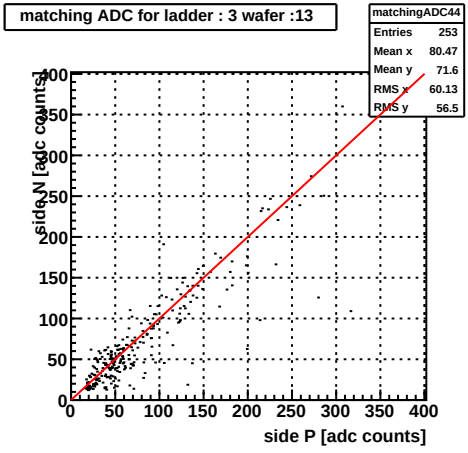

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 550
Mean x 73
Mean y 66.29
RMS x 54.44
RMS y 46.83
side N [adc counts]
side P [adc counts]

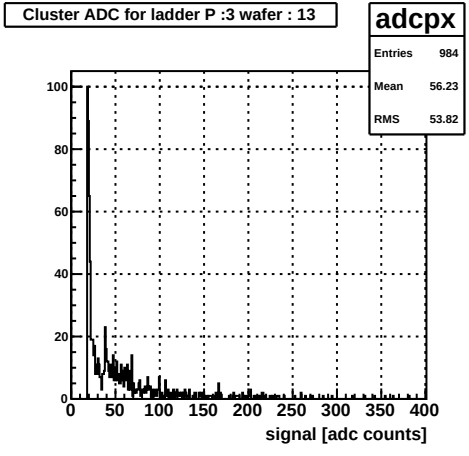

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 953
Mean 62.21
RMS 57.79
signal [adc counts]

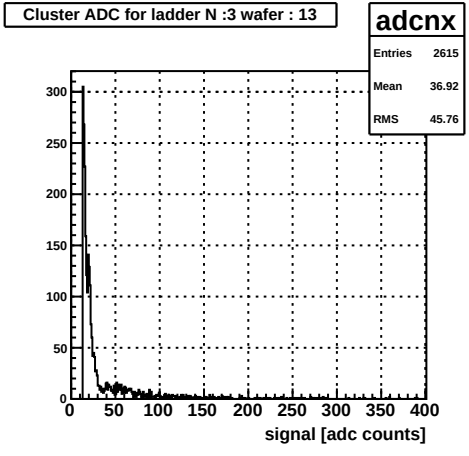

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3165
Mean 47.75
RMS 44.63
signal [adc counts]

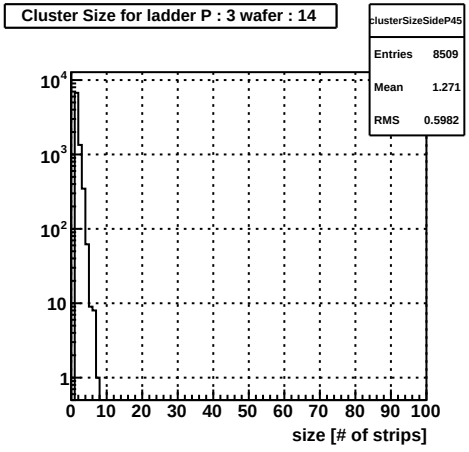

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 984
Mean 1.265
RMS 0.6212
size [# of strips]

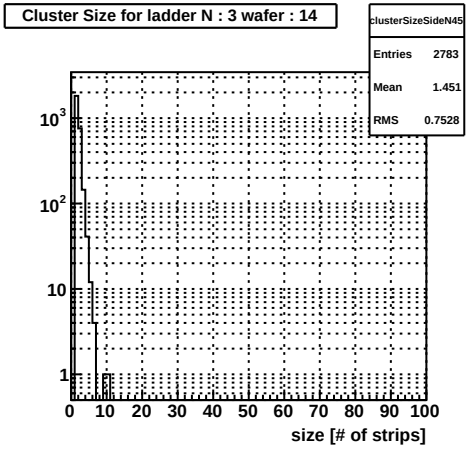

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2615
Mean 1.152
RMS 0.5147
size [# of strips]

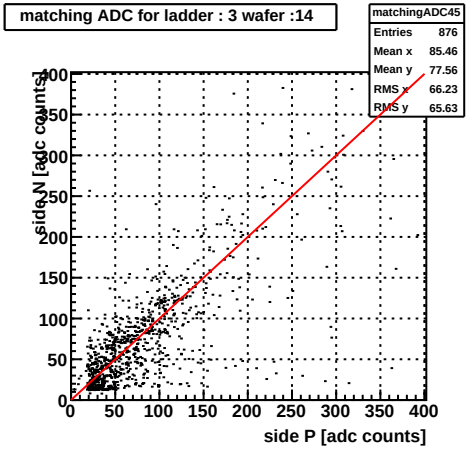

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 253
Mean x 80.47
Mean y 71.6
RMS x 60.13
RMS y 56.5
side N [adc counts]
side P [adc counts]

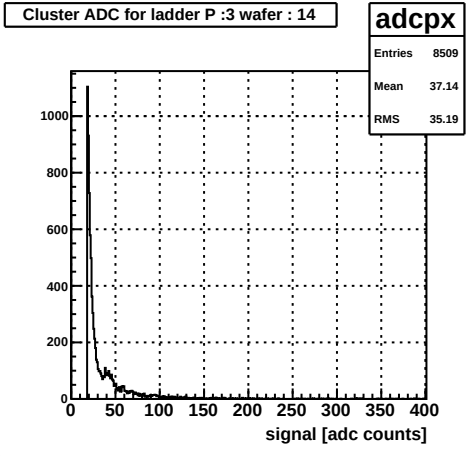

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 984
Mean 56.23
RMS 53.82
signal [adc counts]

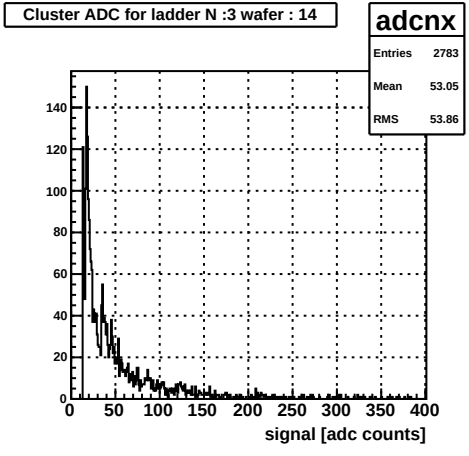

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2615
Mean 36.92
RMS 45.76
signal [adc counts]

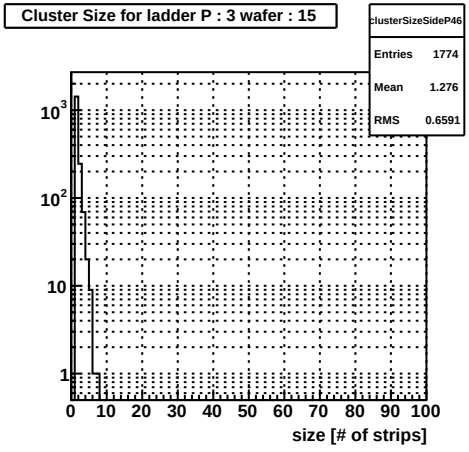

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8509
Mean 1.271
RMS 0.5982
size [# of strips]

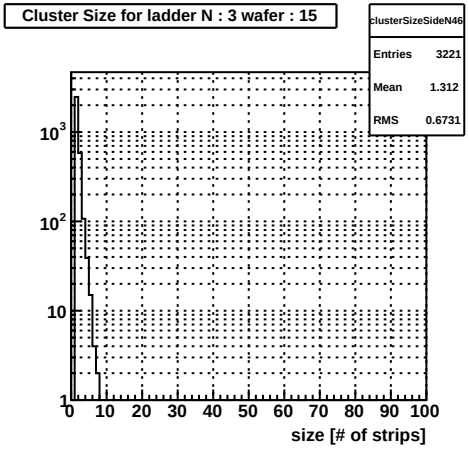

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2783
Mean 1.451
RMS 0.7528
size [# of strips]

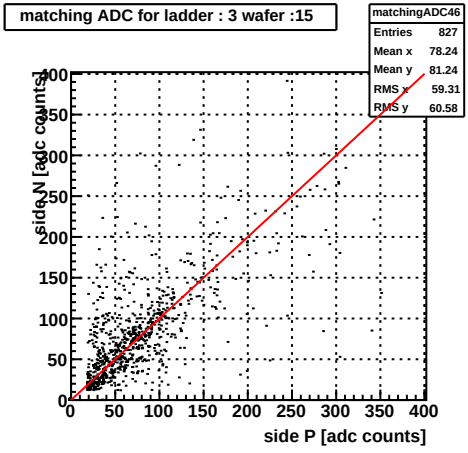

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 876
Mean x 85.46
Mean y 77.56
RMS x 66.23
RMS y 65.63
side N [adc counts]
side P [adc counts]

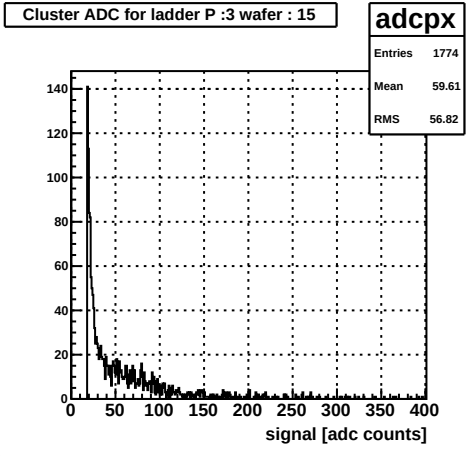

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8509
Mean 37.14
RMS 35.19
signal [adc counts]

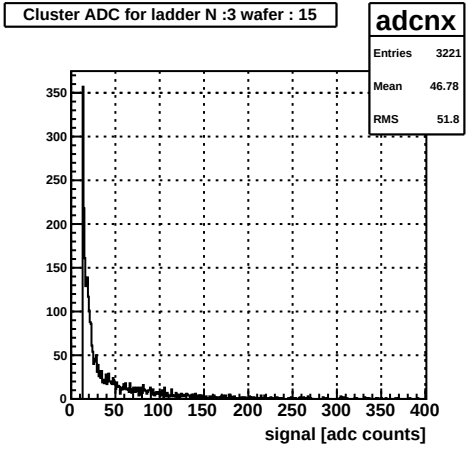

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2783
Mean 53.05
RMS 53.86
signal [adc counts]

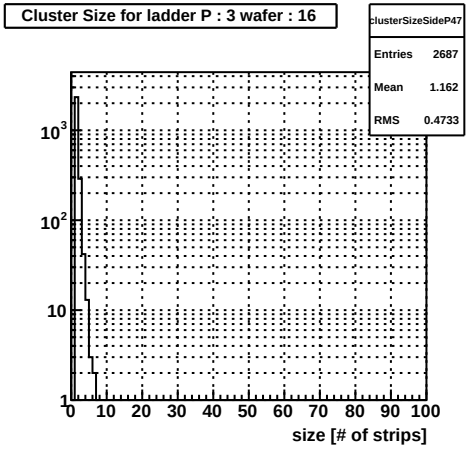

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1774
Mean 1.276
RMS 0.6591
size [# of strips]

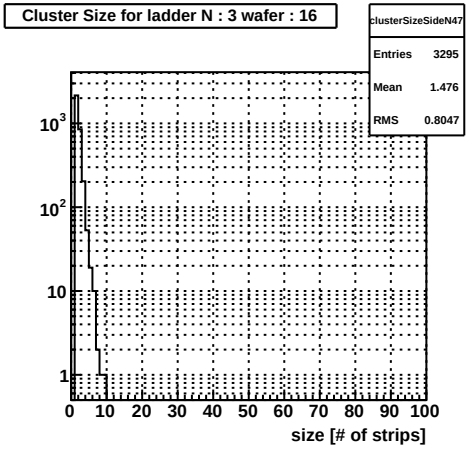

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3221
Mean 1.312
RMS 0.6731
size [# of strips]

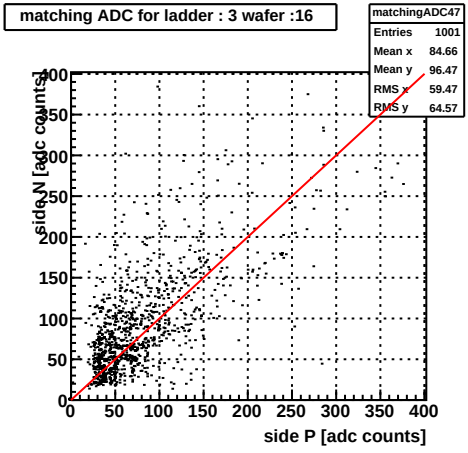

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 827
Mean x 78.24
Mean y 81.24
RMS x 59.31
RMS y 60.58
side N [adc counts]
side P [adc counts]

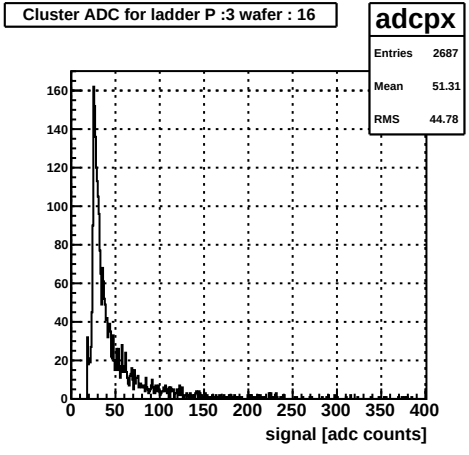

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1774
Mean 59.61
RMS 56.82
signal [adc counts]

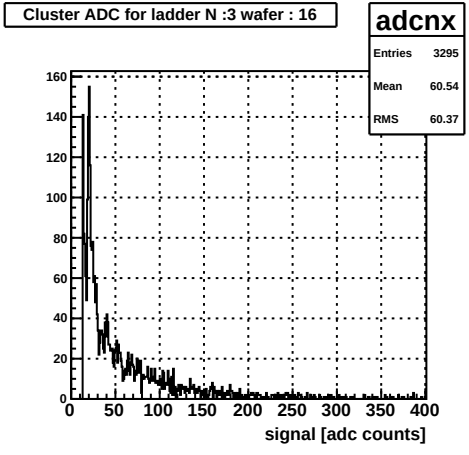

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3221
Mean 46.78
RMS 51.8
signal [adc counts]

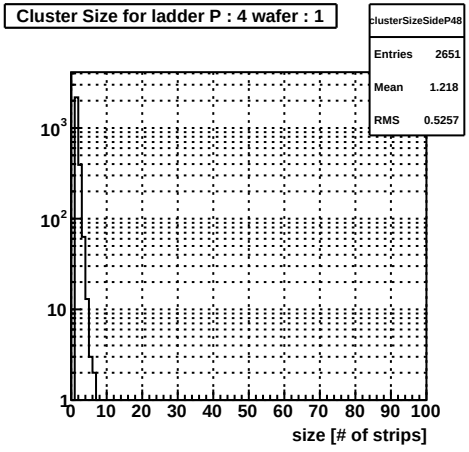

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2687
Mean 1.162
RMS 0.4733
size [# of strips]

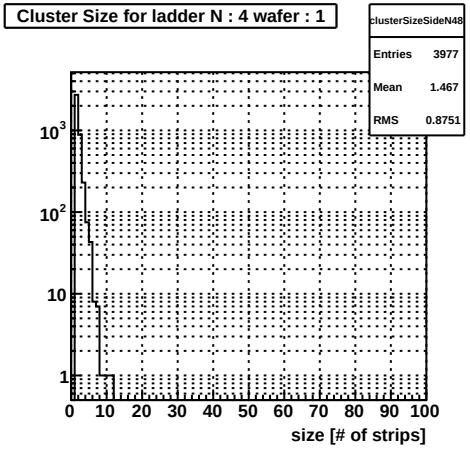

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3295
Mean 1.476
RMS 0.8047
size [# of strips]

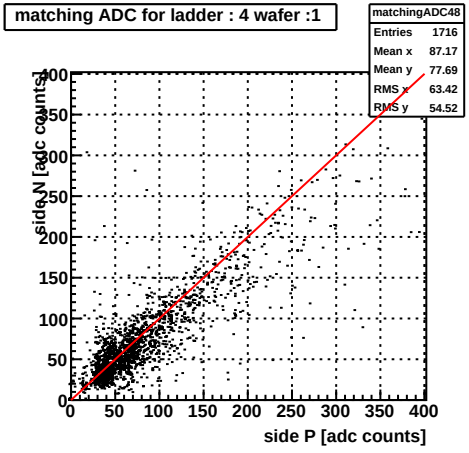

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 1001
Mean x 84.66
Mean y 96.47
RMS x 59.47
RMS y 64.57
side N [adc counts]
side P [adc counts]

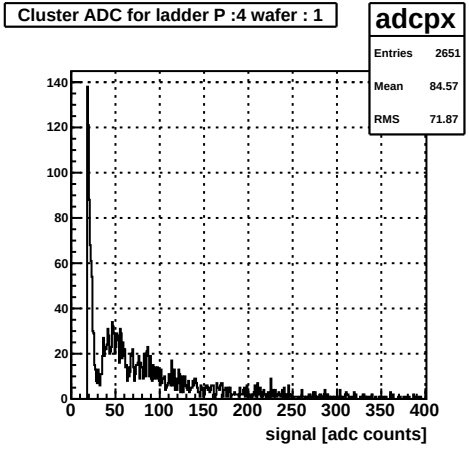

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2687
Mean 51.31
RMS 44.78
signal [adc counts]

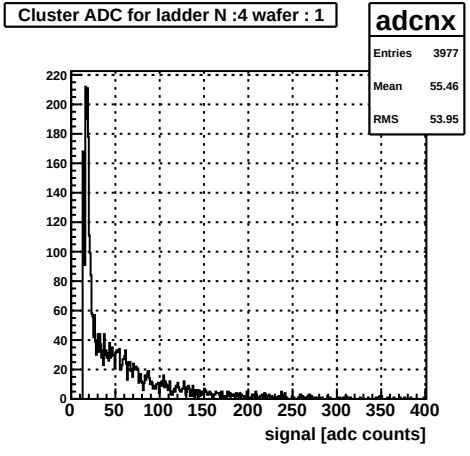

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3295
Mean 60.54
RMS 60.37
signal [adc counts]

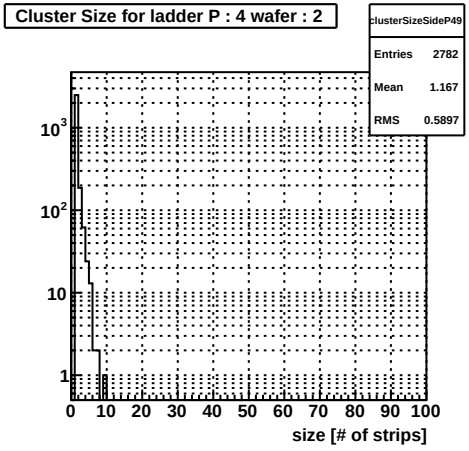

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2651
Mean 1.218
RMS 0.5257
size [# of strips]

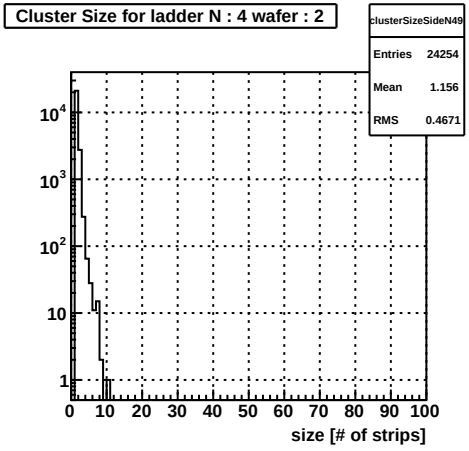

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3977
Mean 1.467
RMS 0.8751
size [# of strips]

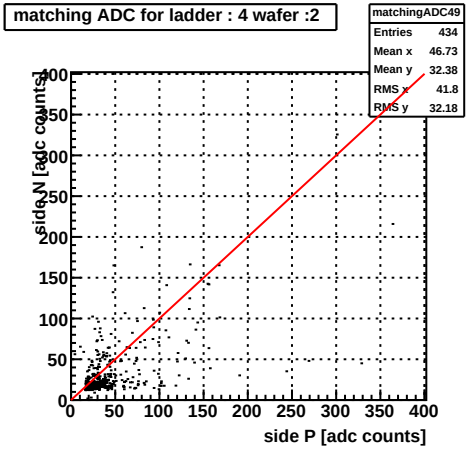

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1716
Mean x 87.17
Mean y 77.69
RMS x 63.42
RMS y 54.52
side N [adc counts]
side P [adc counts]

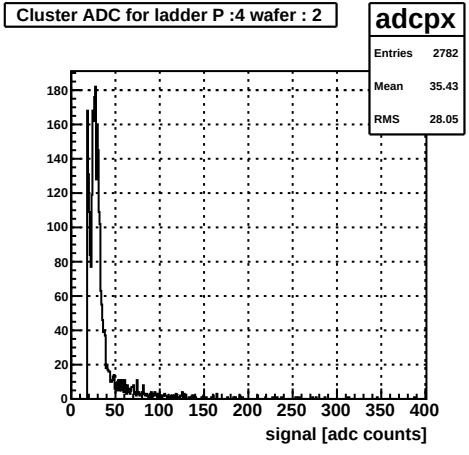

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2651
Mean 84.57
RMS 71.87
signal [adc counts]

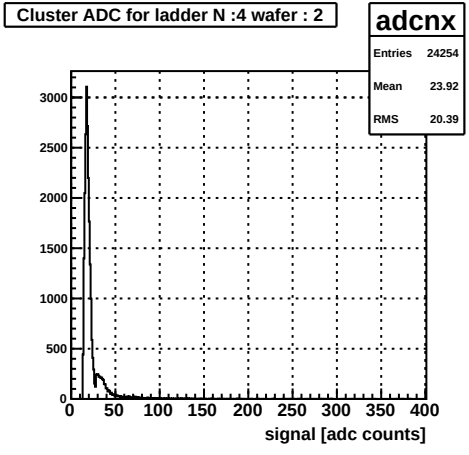

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3977
Mean 55.46
RMS 53.95
signal [adc counts]

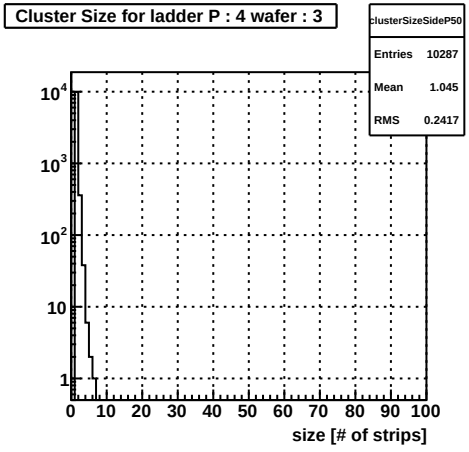

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2782
Mean 1.167
RMS 0.5897
size [# of strips]

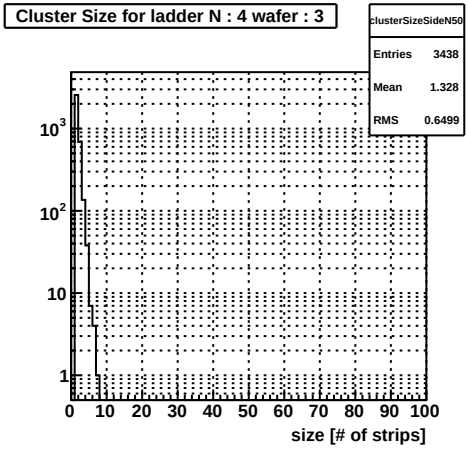

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 24254
Mean 1.156
RMS 0.4671
size [# of strips]

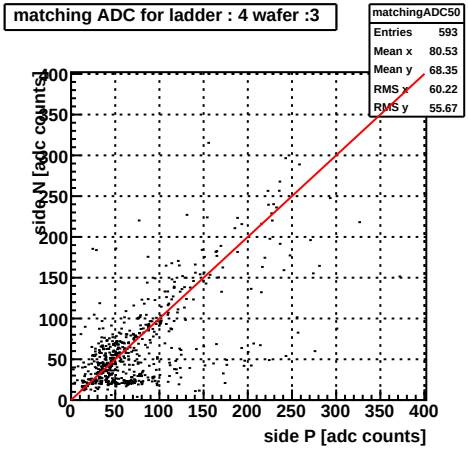

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 434
Mean x 46.73
Mean y 32.38
RMS x 41.8
RMS y 32.18
side N [adc counts]
side P [adc counts]

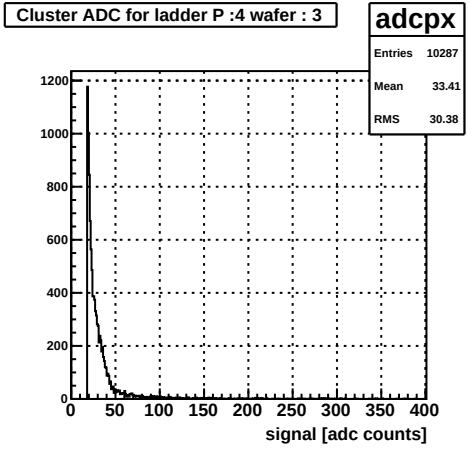

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2782
Mean 35.43
RMS 28.05
signal [adc counts]

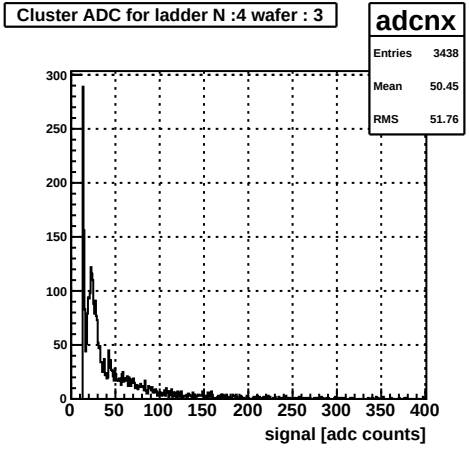

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 24254
Mean 23.92
RMS 20.39
signal [adc counts]

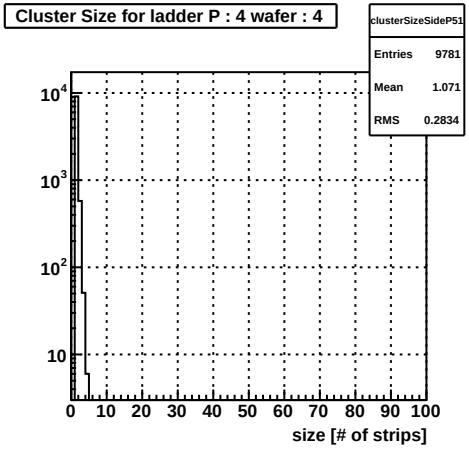

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10287
Mean 1.045
RMS 0.2417
size [# of strips]

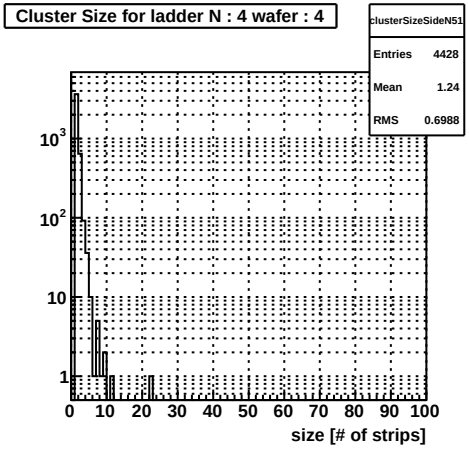

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3438
Mean 1.328
RMS 0.6499
size [# of strips]

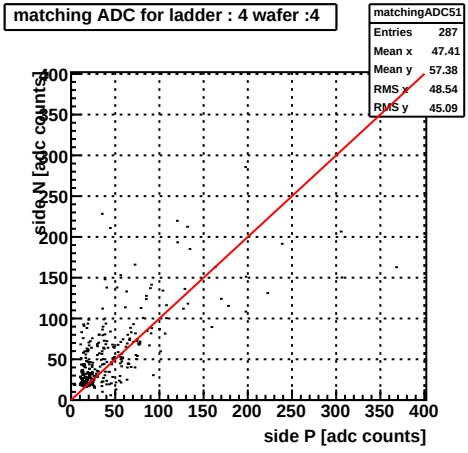

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 593
Mean x 80.53
Mean y 68.35
RMS x 60.22
RMS y 55.67
side N [adc counts]
side P [adc counts]

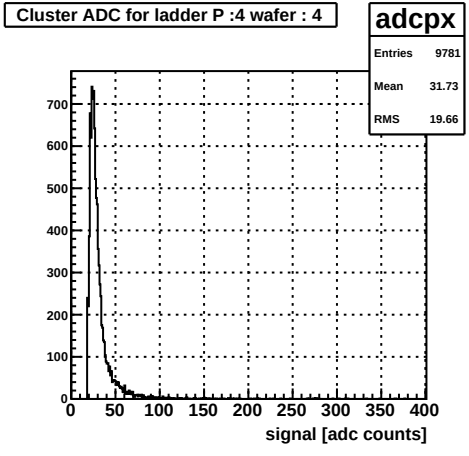

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10287
Mean 33.41
RMS 30.38
signal [adc counts]

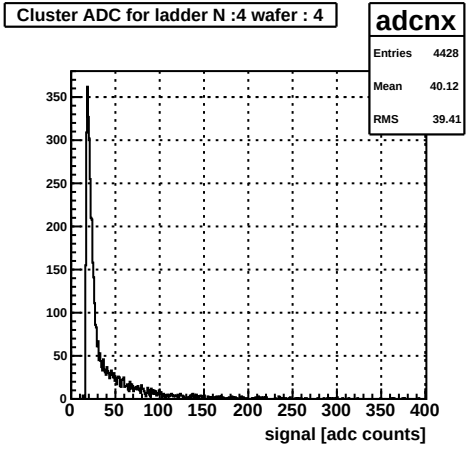

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3438
Mean 50.45
RMS 51.76
signal [adc counts]

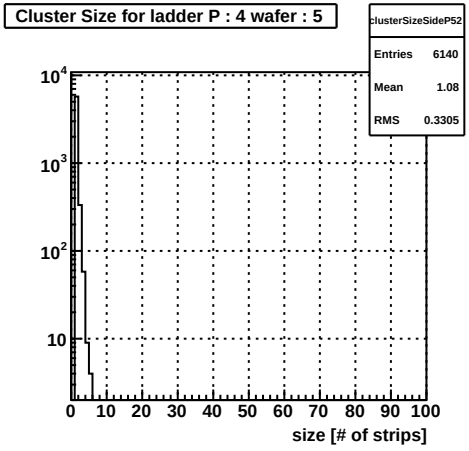

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 9781
Mean 1.071
RMS 0.2834
size [# of strips]

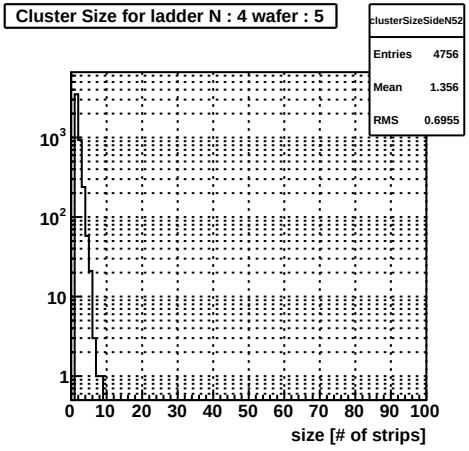

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4428
Mean 1.24
RMS 0.6988
size [# of strips]

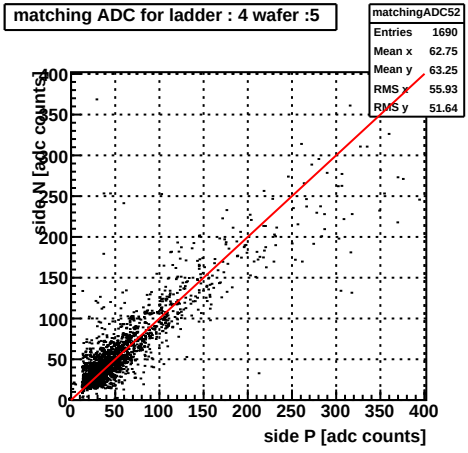

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 287
Mean x 47.41
Mean y 57.38
RMS x 48.54
RMS y 45.09
side N [adc counts]
side P [adc counts]

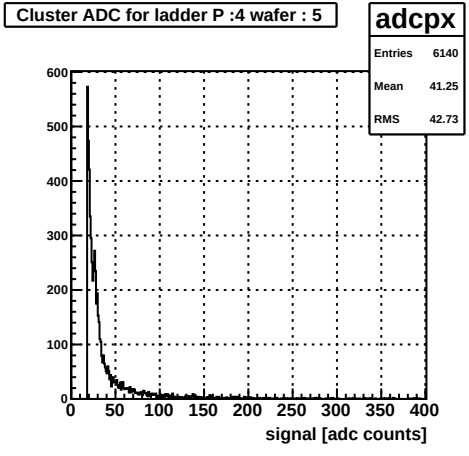

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 9781
Mean 31.73
RMS 19.66
signal [adc counts]

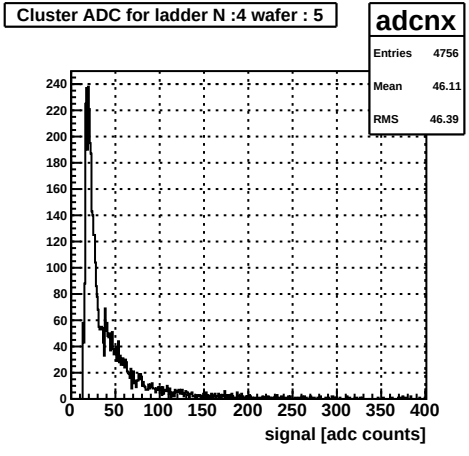

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4428
Mean 40.12
RMS 39.41
signal [adc counts]

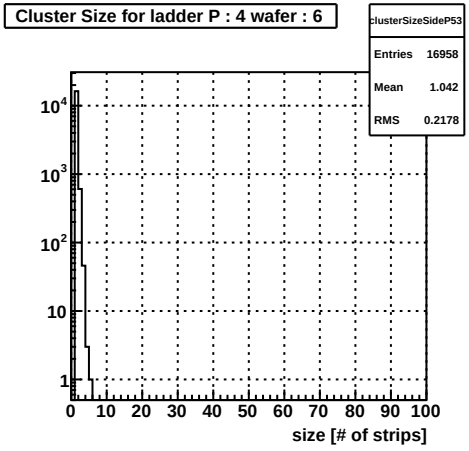

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6140
Mean 1.08
RMS 0.3305
size [# of strips]

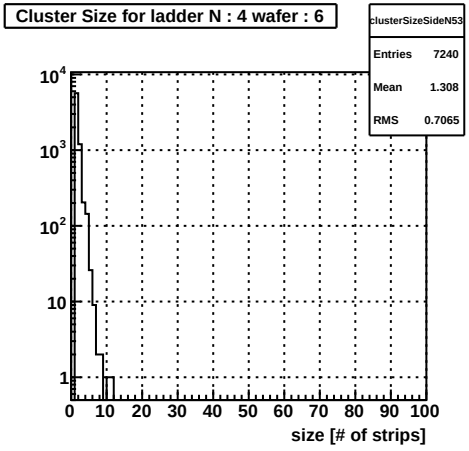

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4756
Mean 1.356
RMS 0.6955
size [# of strips]

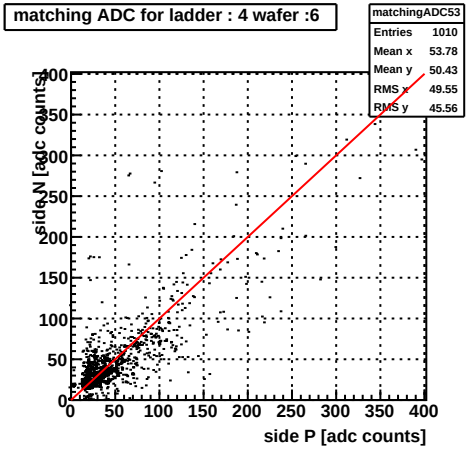

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1690
Mean x 62.75
Mean y 63.25
RMS x 55.93
RMS y 51.64
side N [adc counts]
side P [adc counts]

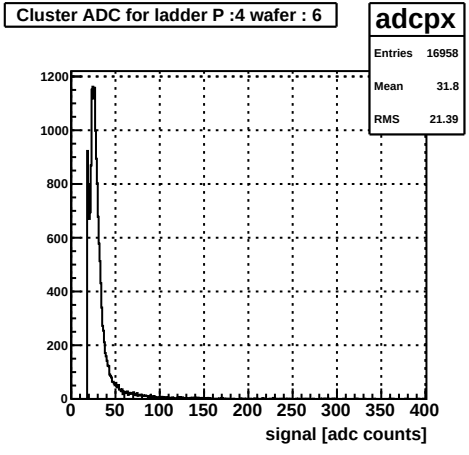

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6140
Mean 41.25
RMS 42.73
signal [adc counts]

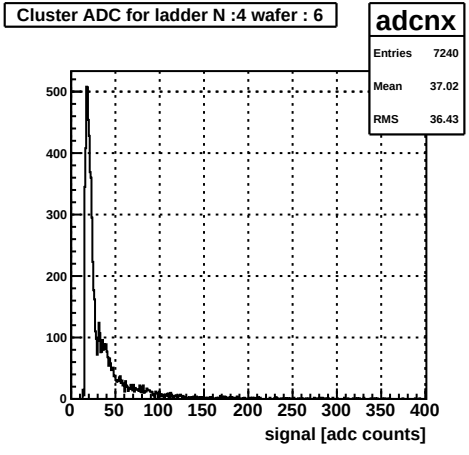

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4756
Mean 46.11
RMS 46.39
signal [adc counts]

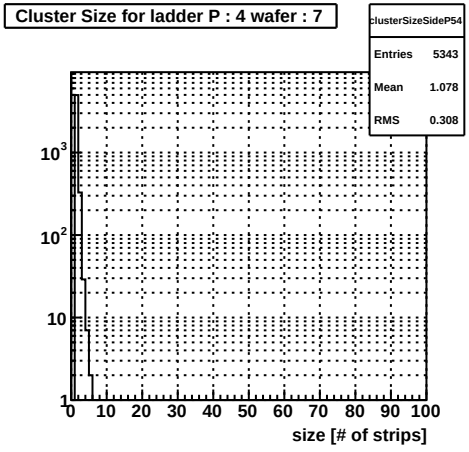

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 16958
Mean 1.042
RMS 0.2178
size [# of strips]

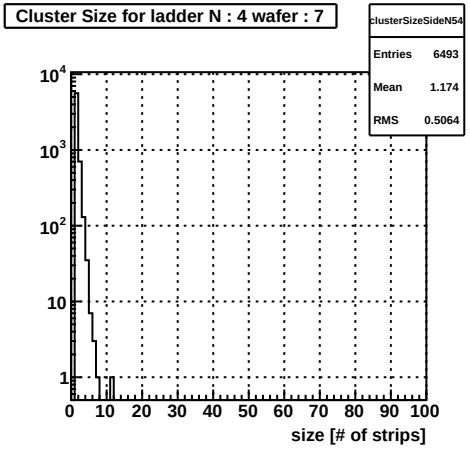

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7240
Mean 1.308
RMS 0.7065
size [# of strips]

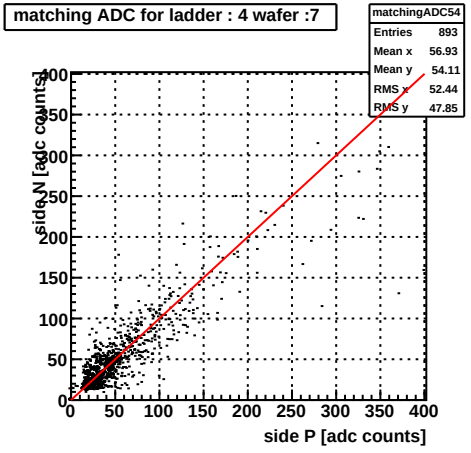

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1010
Mean x 53.78
Mean y 50.43
RMS x 49.55
RMS y 45.56
side N [adc counts]
side P [adc counts]

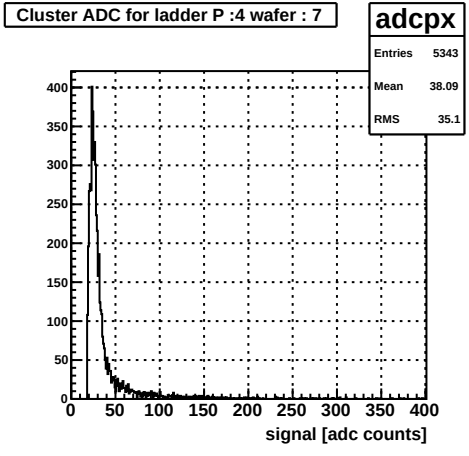

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 16958
Mean 31.8
RMS 21.39
signal [adc counts]

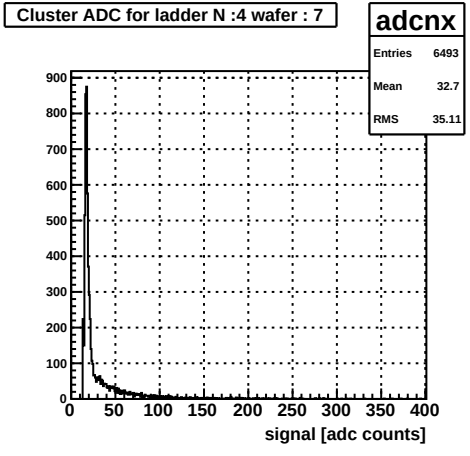

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7240
Mean 37.02
RMS 36.43
signal [adc counts]

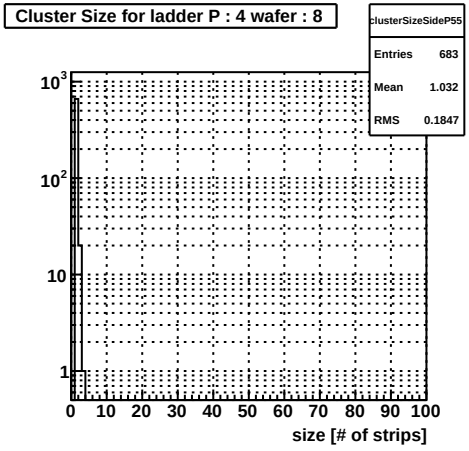

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 5343
Mean 1.078
RMS 0.308
size [# of strips]

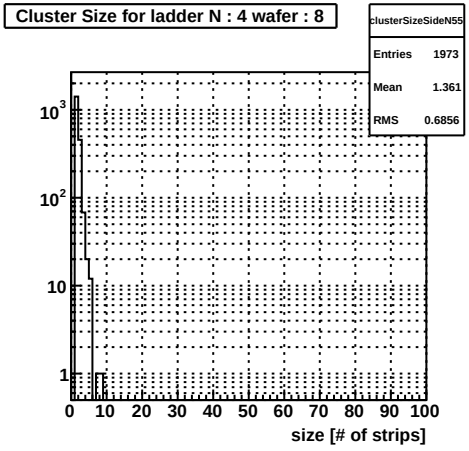

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 6493
Mean 1.174
RMS 0.5064
size [# of strips]

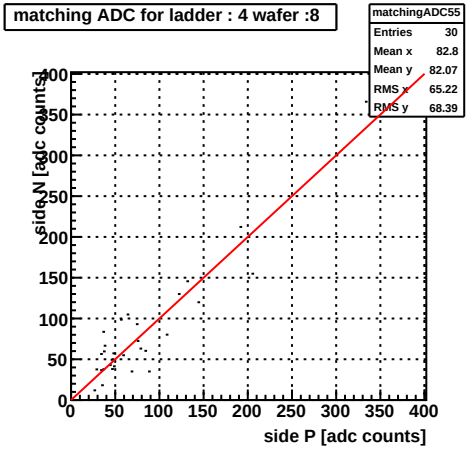

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 893
Mean x 56.93
Mean y 54.11
RMS x 52.44
RMS y 47.85
side N [adc counts]
side P [adc counts]

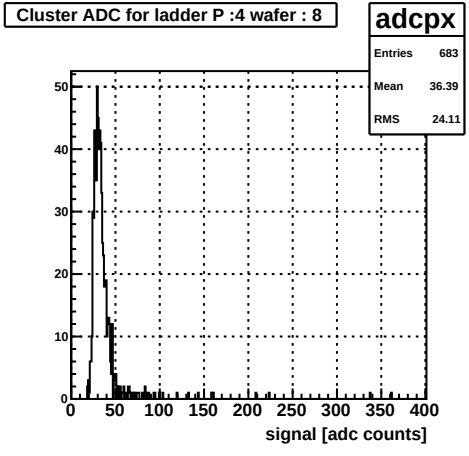

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 5343
Mean 38.09
RMS 35.1
signal [adc counts]

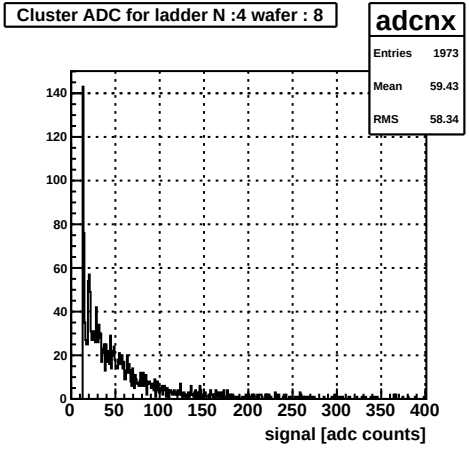

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 6493
Mean 32.7
RMS 35.11
signal [adc counts]

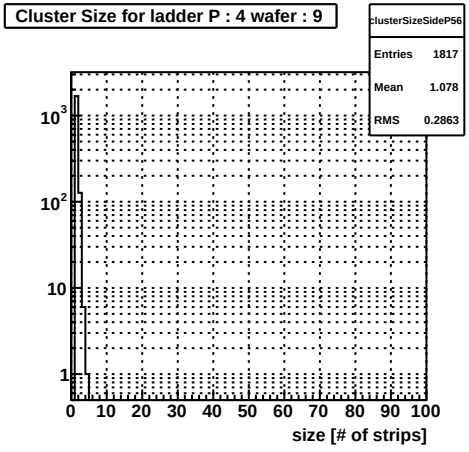

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 683
Mean 1.032
RMS 0.1847
size [# of strips]

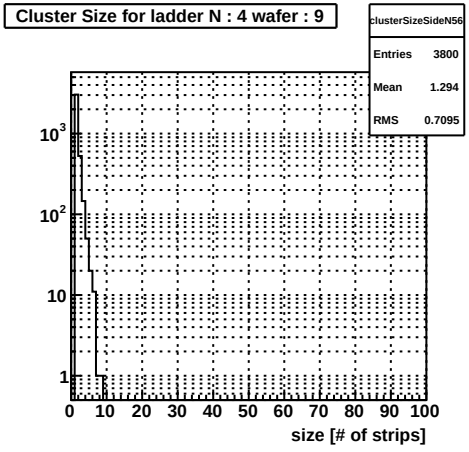

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1973
Mean 1.361
RMS 0.6856
size [# of strips]

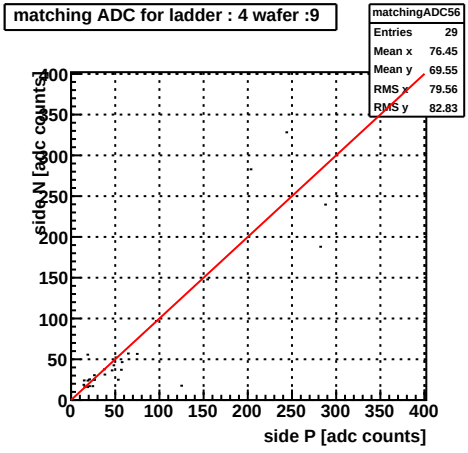

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 30
Mean x 82.8
Mean y 82.07
RMS x 65.22
RMS y 68.39
side N [adc counts]
side P [adc counts]

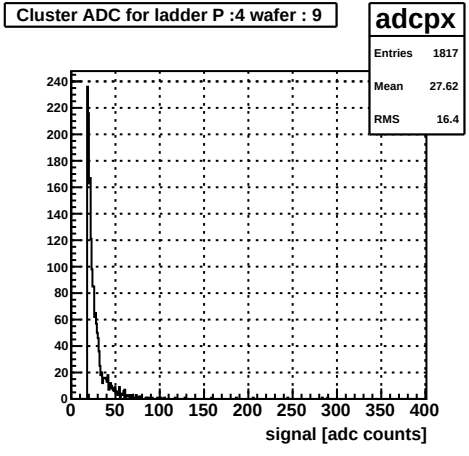

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 683
Mean 36.39
RMS 24.11
signal [adc counts]

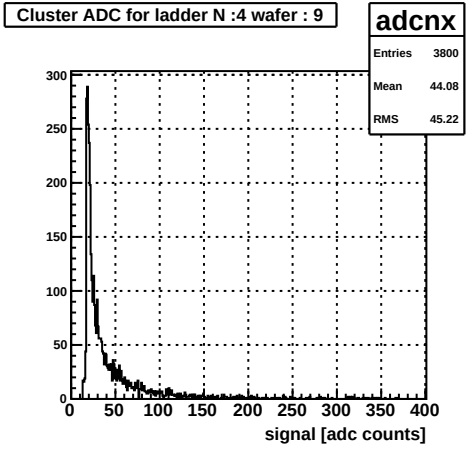

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1973
Mean 59.43
RMS 58.34
signal [adc counts]

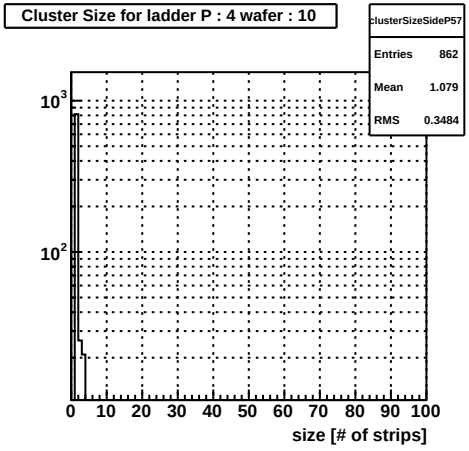

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1817
Mean 1.078
RMS 0.2863
size [# of strips]

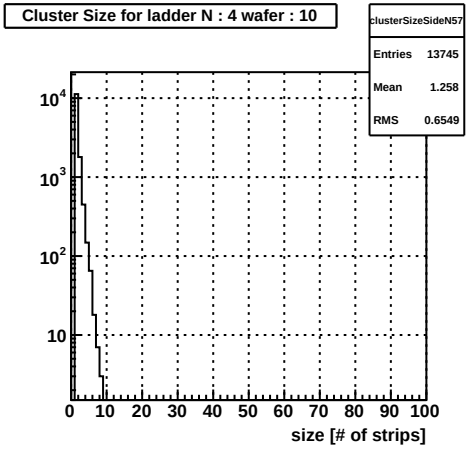

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3800
Mean 1.294
RMS 0.7095
size [# of strips]

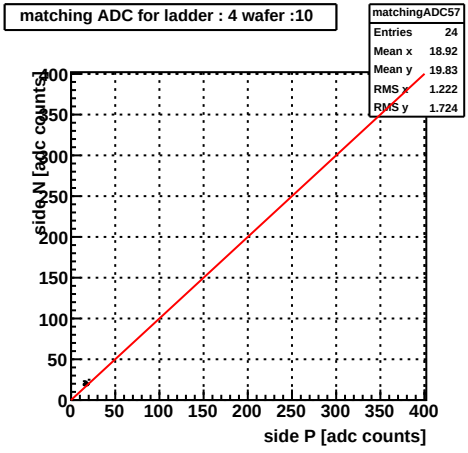

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 29
Mean x 76.45
Mean y 69.55
RMS x 79.56
RMS y 82.83
side N [adc counts]
side P [adc counts]

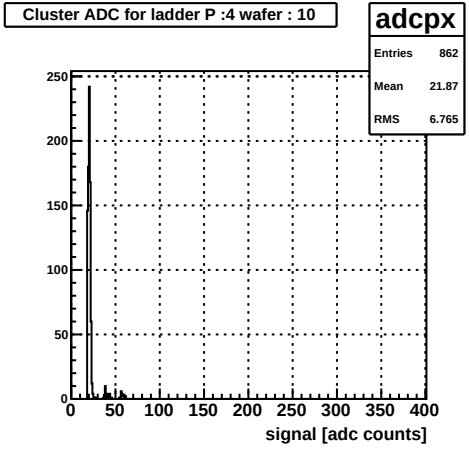

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1817
Mean 27.62
RMS 16.4
signal [adc counts]

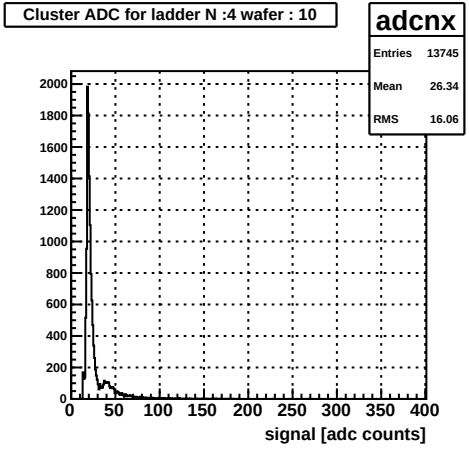

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3800
Mean 44.08
RMS 45.22
signal [adc counts]

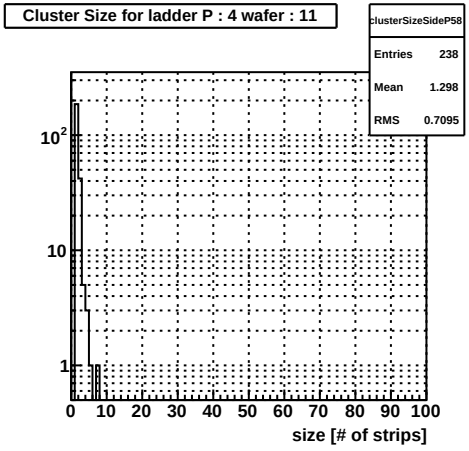

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 862
Mean 1.079
RMS 0.3484
size [# of strips]

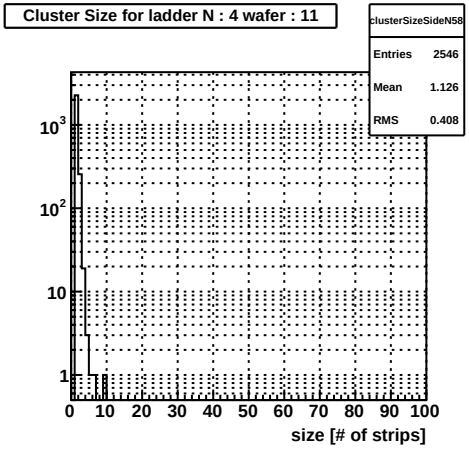

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 13745
Mean 1.258
RMS 0.6549
size [# of strips]

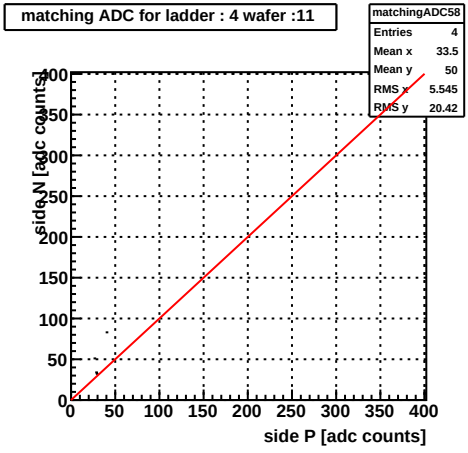

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 24
Mean x 18.92
Mean y 19.83
RMS x 1.222
RMS y 1.724
side N [adc counts]
side P [adc counts]

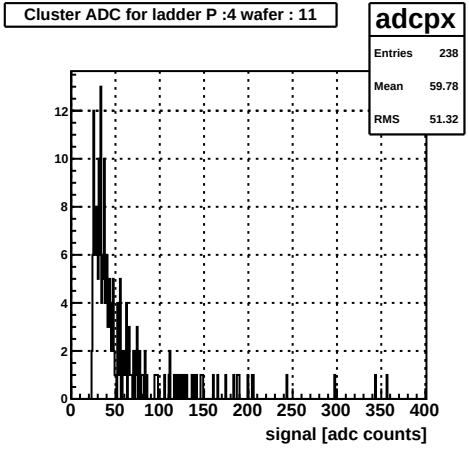

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 862
Mean 21.87
RMS 6.765
signal [adc counts]

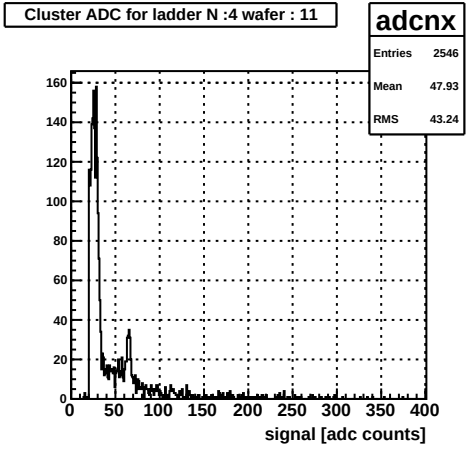

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 13745
Mean 26.34
RMS 16.06
signal [adc counts]

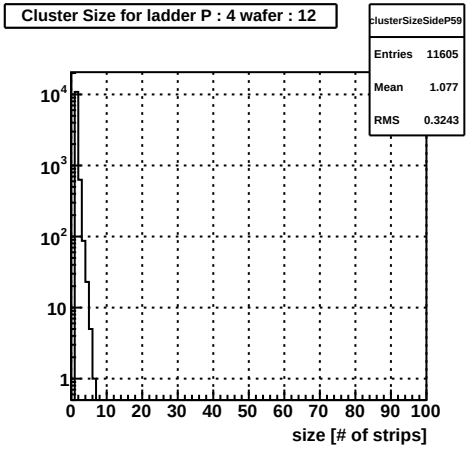

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 238
Mean 1.298
RMS 0.7095
size [# of strips]

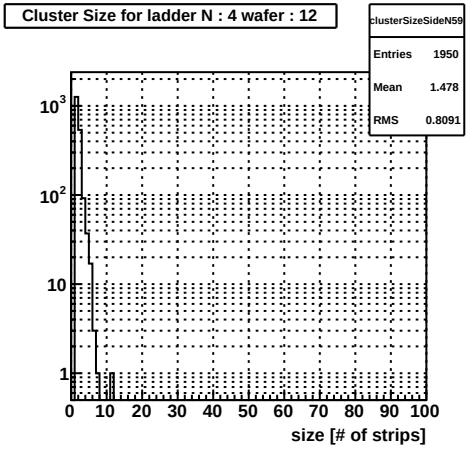

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2546
Mean 1.126
RMS 0.408
size [# of strips]

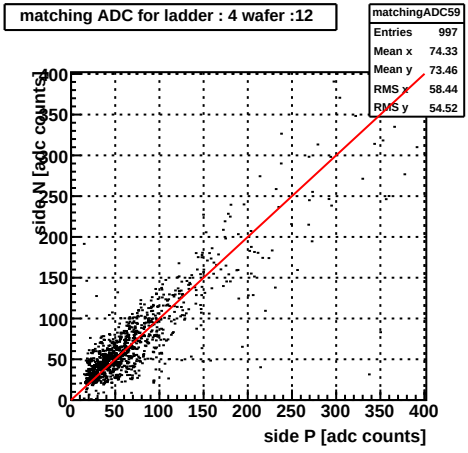

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 4
Mean x 33.5
Mean y 50
RMS x 5.545
RMS y 20.42
side N [adc counts]
side P [adc counts]

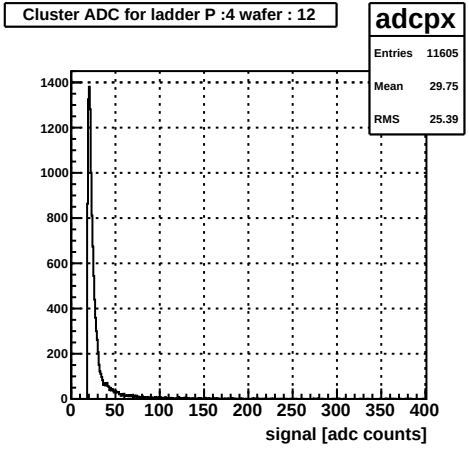

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 238
Mean 59.78
RMS 51.32
signal [adc counts]

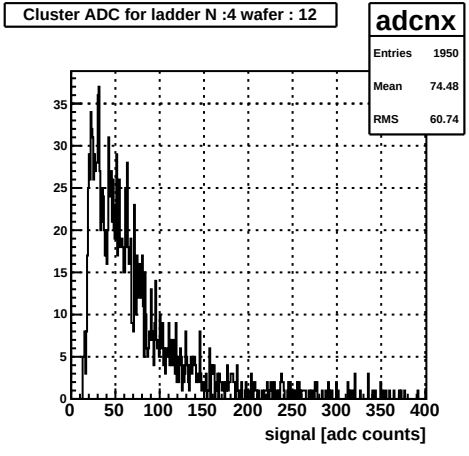

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2546
Mean 47.93
RMS 43.24
signal [adc counts]

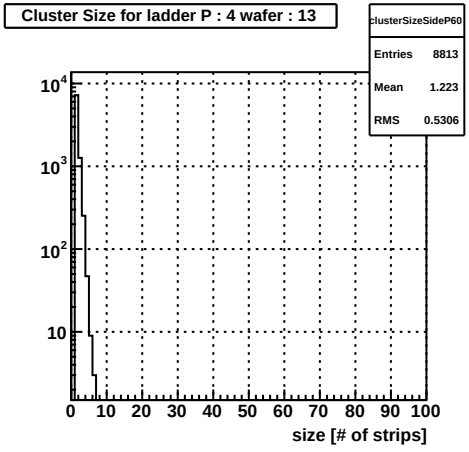

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 11605
Mean 1.077
RMS 0.3243
size [# of strips]

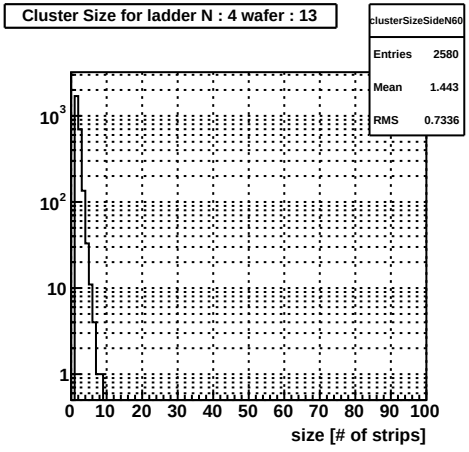

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1950
Mean 1.478
RMS 0.8091
size [# of strips]

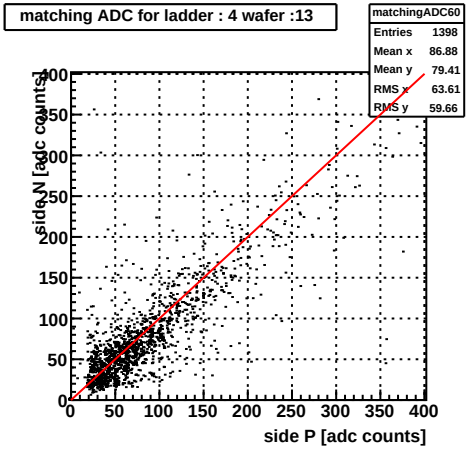

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 997
Mean x 74.33
Mean y 73.46
RMS x 58.44
RMS y 54.52
side N [adc counts]
side P [adc counts]

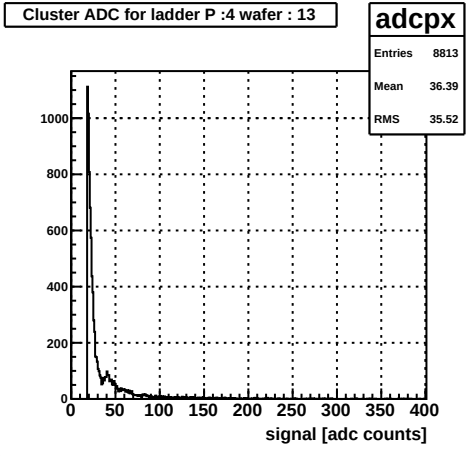

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 11605
Mean 29.75
RMS 25.39
signal [adc counts]

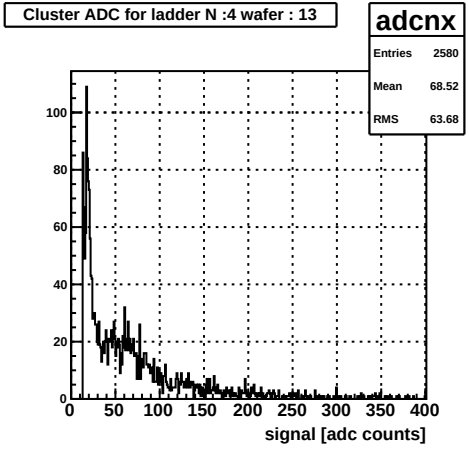

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1950
Mean 74.48
RMS 60.74
signal [adc counts]

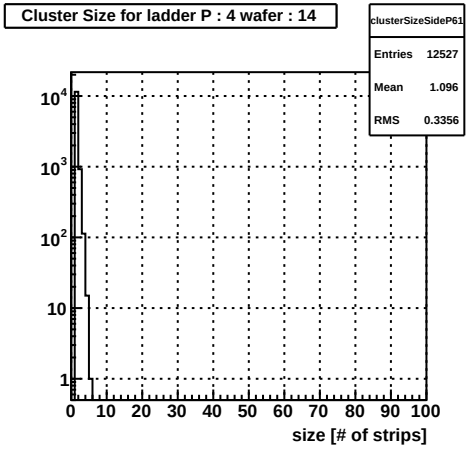

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8813
Mean 1.223
RMS 0.5306
size [# of strips]

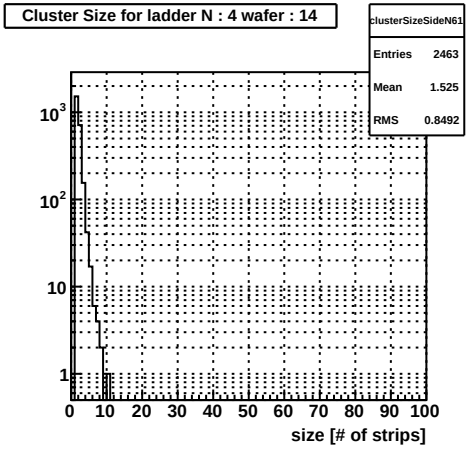

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2580
Mean 1.443
RMS 0.7336
size [# of strips]

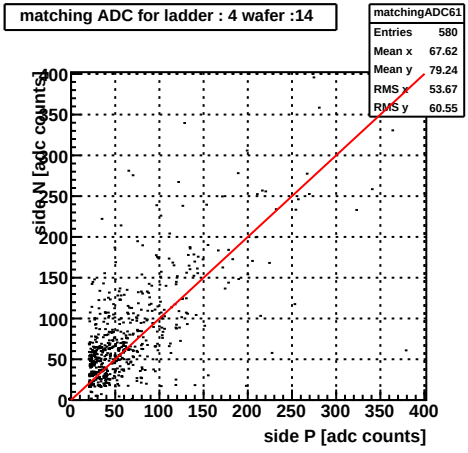

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1398
Mean x 86.88
Mean y 79.41
RMS x 63.61
RMS y 59.66
side N [adc counts]
side P [adc counts]

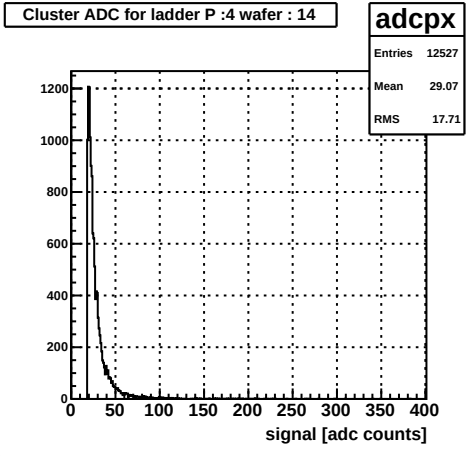

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8813
Mean 36.39
RMS 35.52
signal [adc counts]

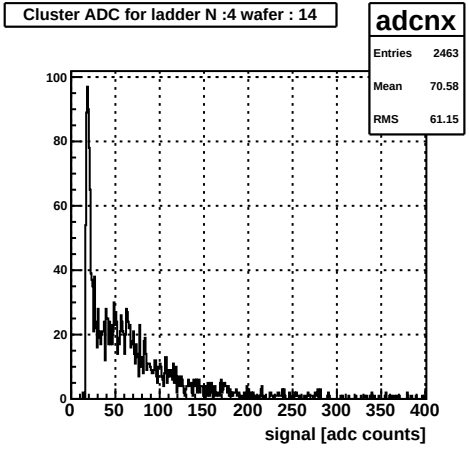

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2580
Mean 68.52
RMS 63.68
signal [adc counts]

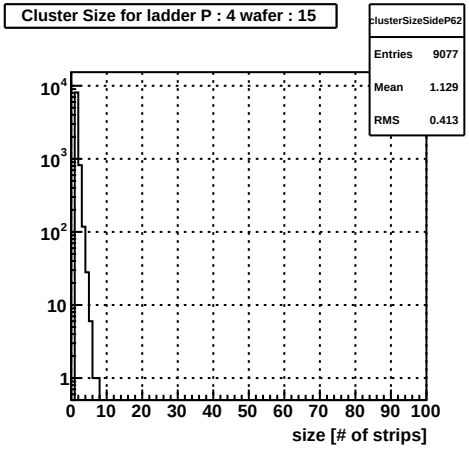

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 12527
Mean 1.096
RMS 0.3356
size [# of strips]

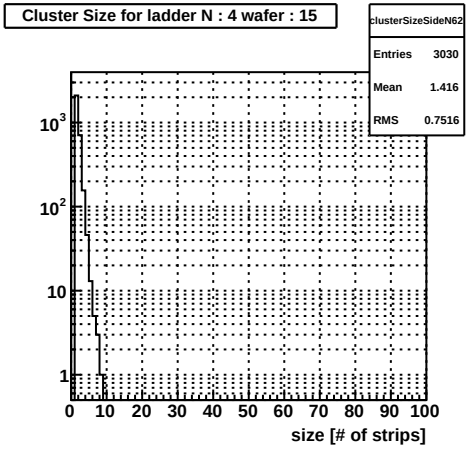

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2463
Mean 1.525
RMS 0.8492
size [# of strips]

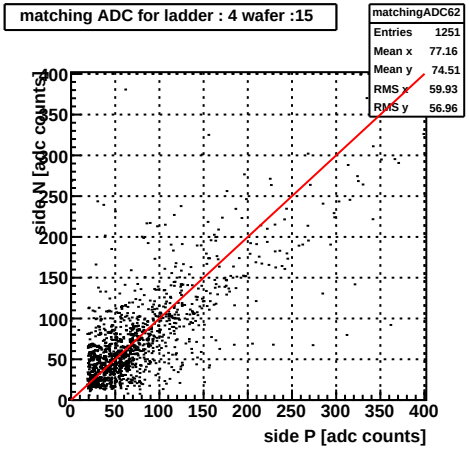

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 580
Mean x 67.62
Mean y 79.24
RMS x 53.67
RMS y 60.55
side N [adc counts]
side P [adc counts]

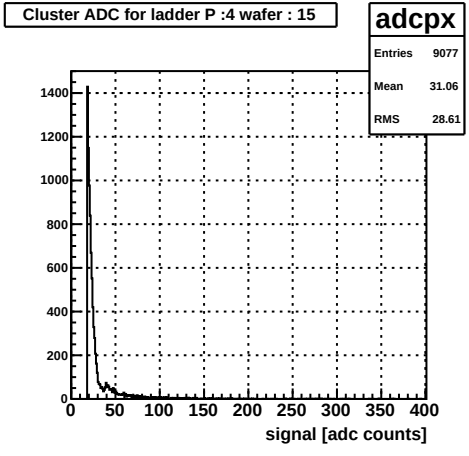

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 12527
Mean 29.07
RMS 17.71
signal [adc counts]

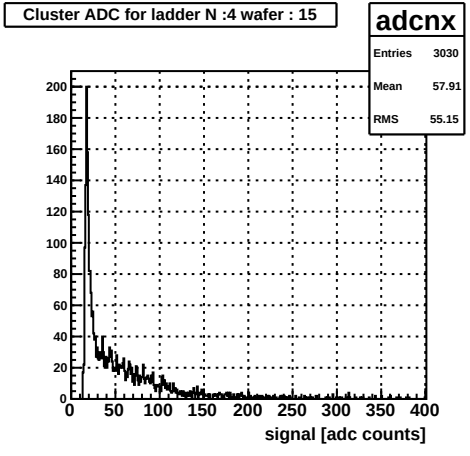

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2463
Mean 70.58
RMS 61.15
signal [adc counts]

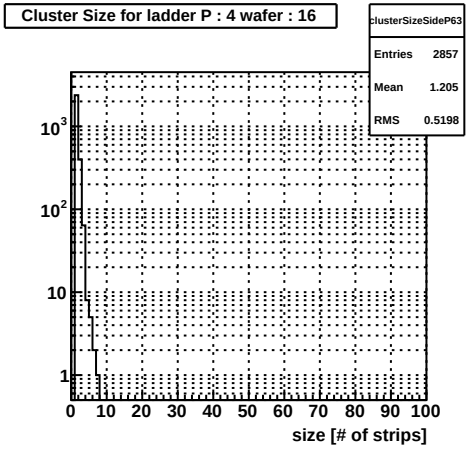

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9077
Mean 1.129
RMS 0.413
size [# of strips]

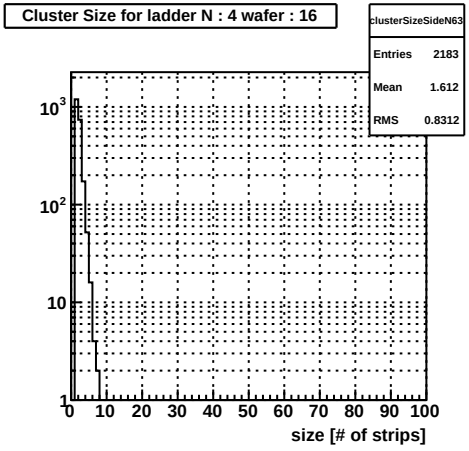

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3030
Mean 1.416
RMS 0.7516
size [# of strips]

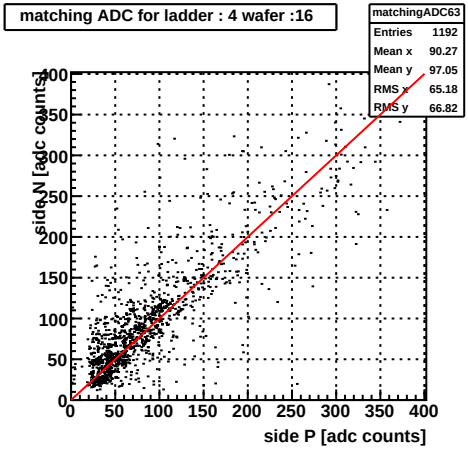

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1251
Mean x 77.16
Mean y 74.51
RMS x 59.93
RMS y 56.96
side N [adc counts]
side P [adc counts]

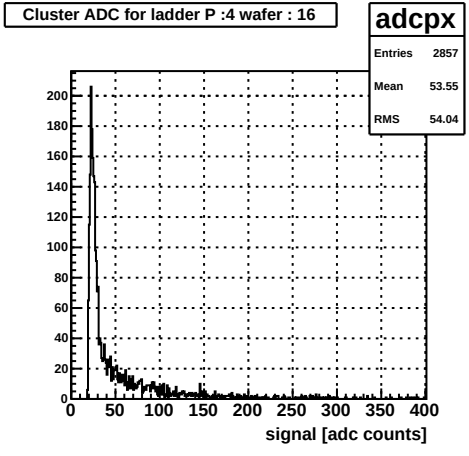

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9077
Mean 31.06
RMS 28.61
signal [adc counts]

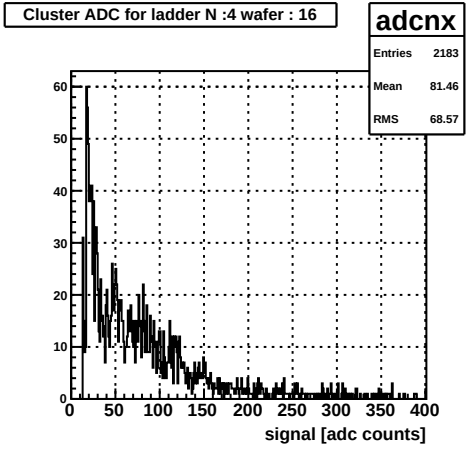

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3030
Mean 57.91
RMS 55.15
signal [adc counts]

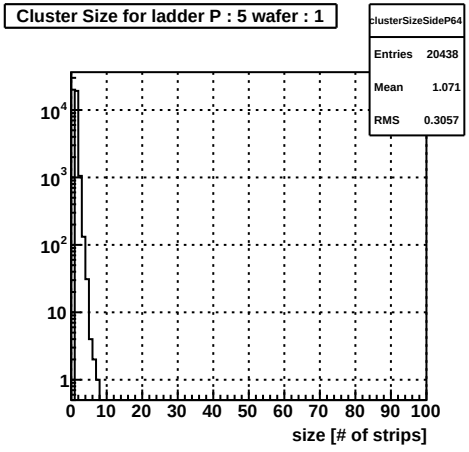

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2857
Mean 1.205
RMS 0.5198
size [# of strips]

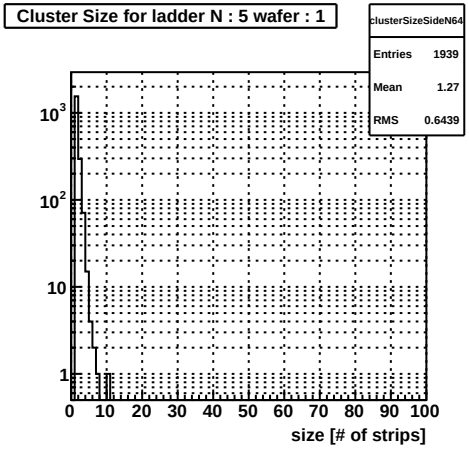

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2183
Mean 1.612
RMS 0.8312
size [# of strips]

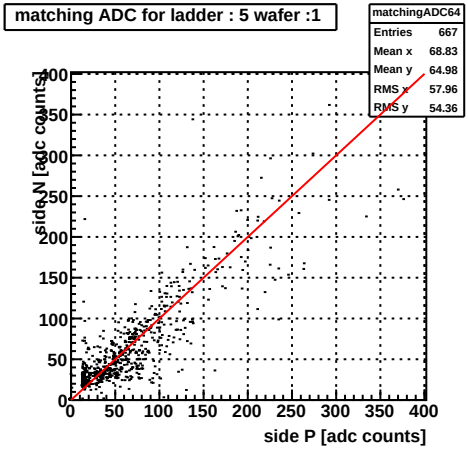

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1192
Mean x 90.27
Mean y 97.05
RMS x 65.18
RMS y 66.82
side N [adc counts]
side P [adc counts]

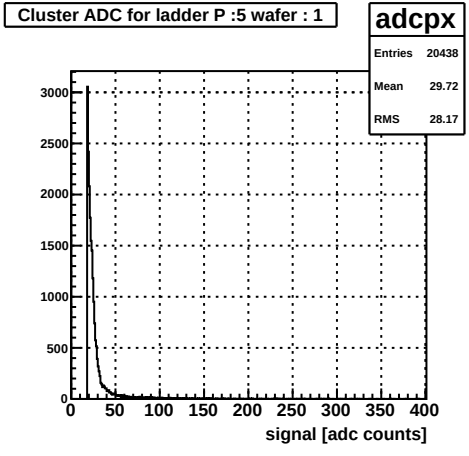

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2857
Mean 53.55
RMS 54.04
signal [adc counts]

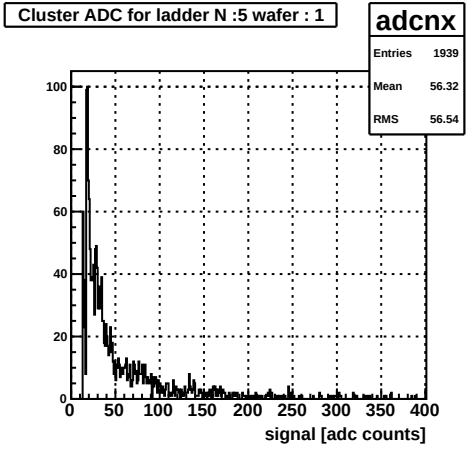

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2183
Mean 81.46
RMS 68.57
signal [adc counts]

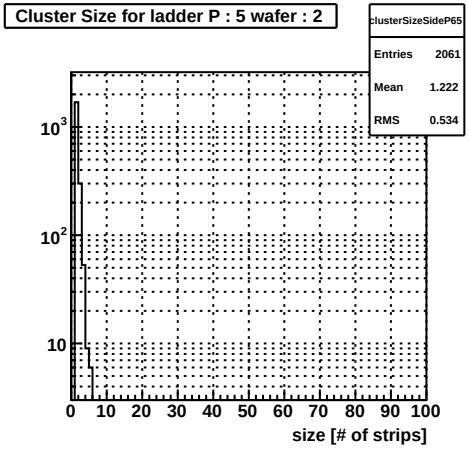

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20438
Mean 1.071
RMS 0.3057
size [# of strips]

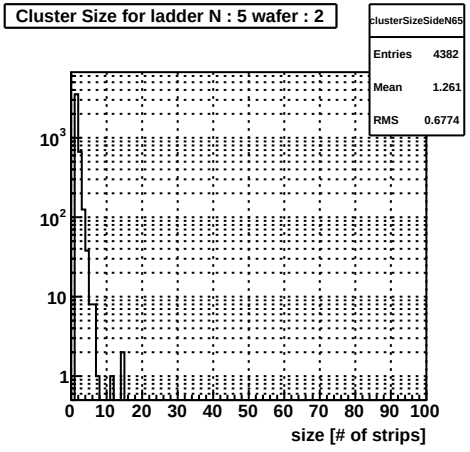

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1939
Mean 1.27
RMS 0.6439
size [# of strips]

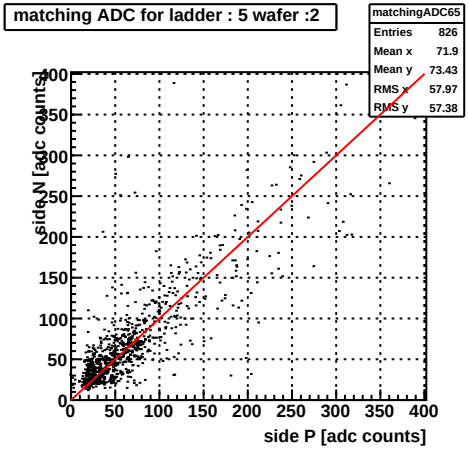

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 667
Mean x 68.83
Mean y 64.98
RMS x 57.96
RMS y 54.36
side N [adc counts]
side P [adc counts]

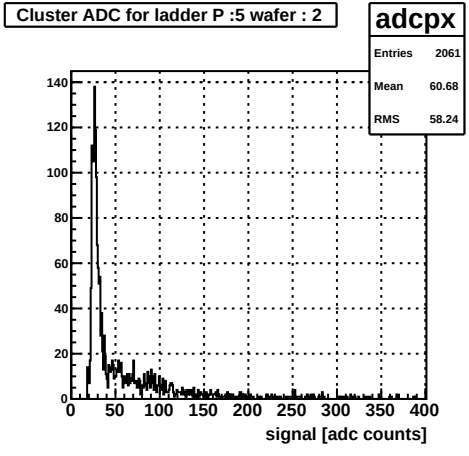

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20438
Mean 29.72
RMS 28.17
signal [adc counts]

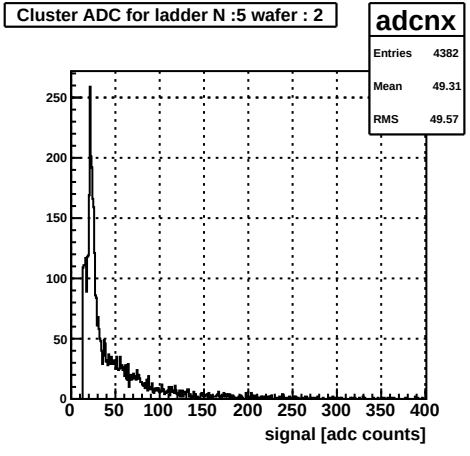

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1939
Mean 56.32
RMS 56.54
signal [adc counts]

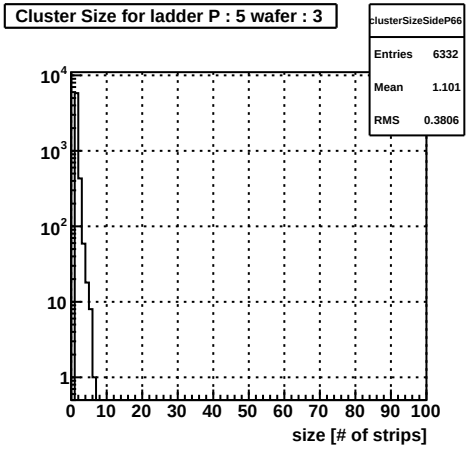

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2061
Mean 1.222
RMS 0.534
size [# of strips]

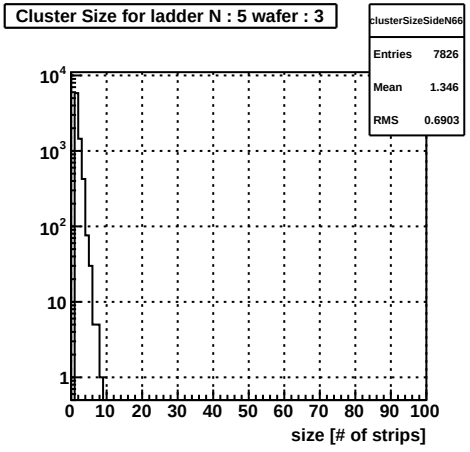

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4382
Mean 1.261
RMS 0.6774
size [# of strips]

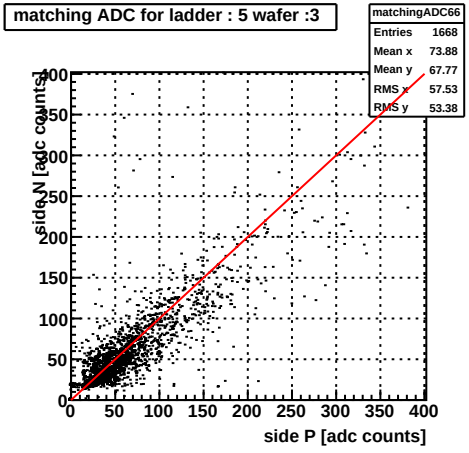

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 826
Mean x 71.9
Mean y 73.43
RMS x 57.97
RMS y 57.38
side N [adc counts]
side P [adc counts]

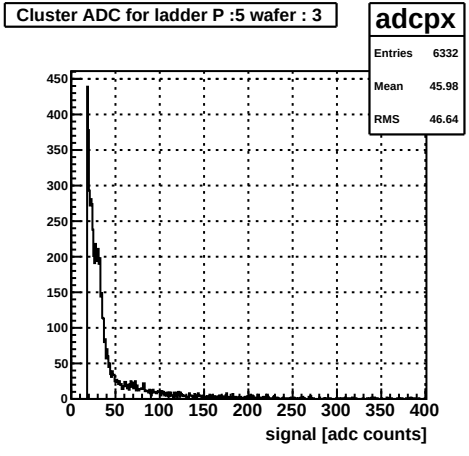

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2061
Mean 60.68
RMS 58.24
signal [adc counts]

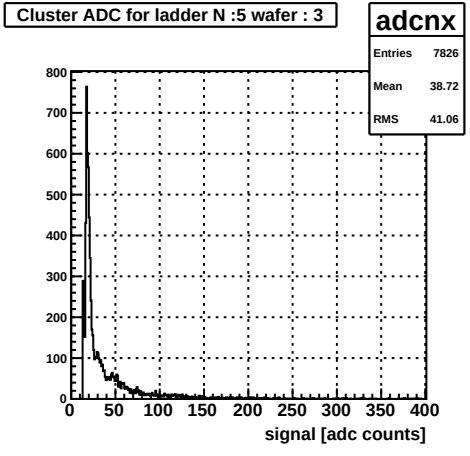

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4382
Mean 49.31
RMS 49.57
signal [adc counts]

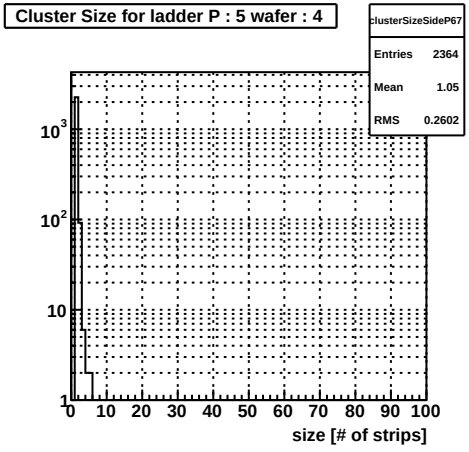

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6332
Mean 1.101
RMS 0.3806
size [# of strips]

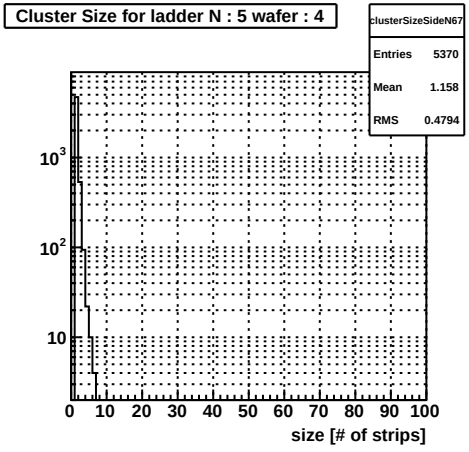

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7826
Mean 1.346
RMS 0.6903
size [# of strips]

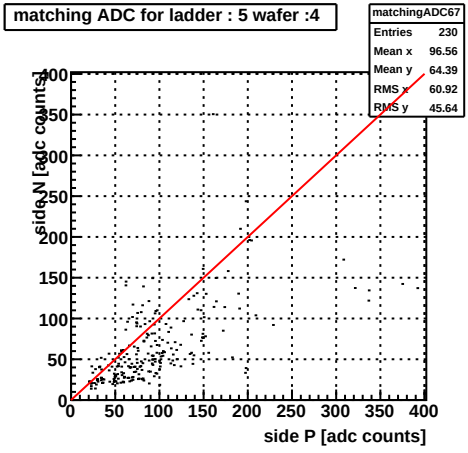

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1668
Mean x 73.88
Mean y 67.77
RMS x 57.53
RMS y 53.38
side N [adc counts]
side P [adc counts]

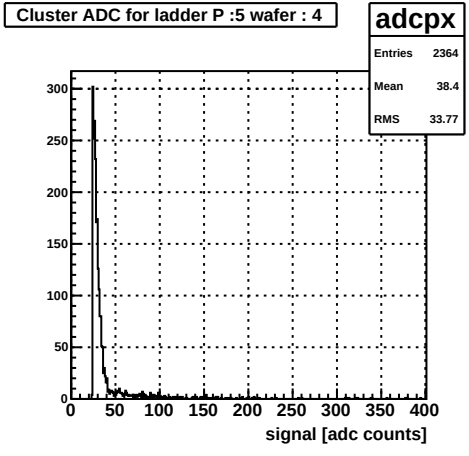

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6332
Mean 45.98
RMS 46.64
signal [adc counts]

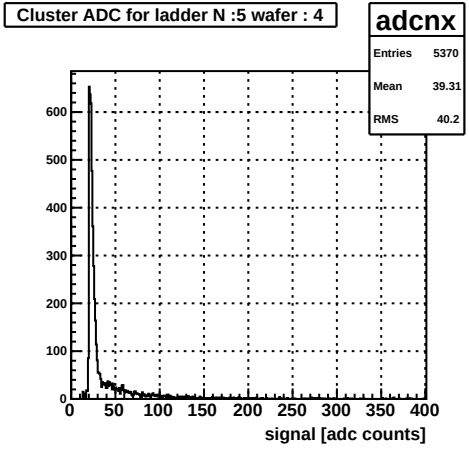

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7826
Mean 38.72
RMS 41.06
signal [adc counts]

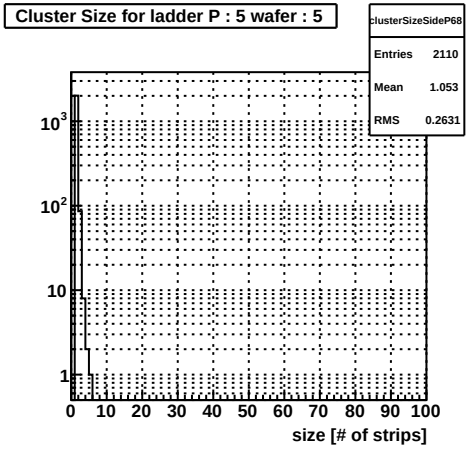

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 2364
Mean 1.05
RMS 0.2602
size [# of strips]

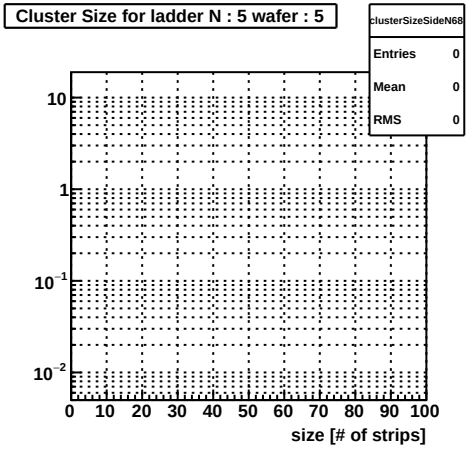

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5370
Mean 1.158
RMS 0.4794
size [# of strips]

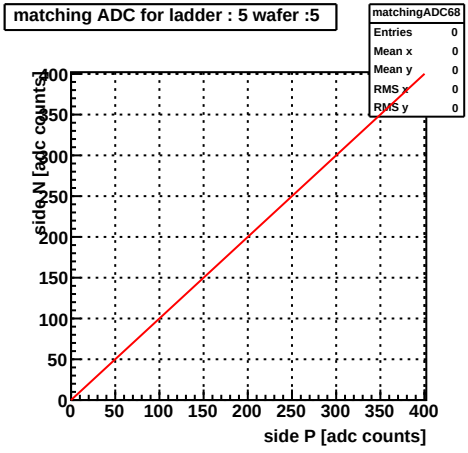

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 230
Mean x 96.56
Mean y 64.39
RMS x 60.92
RMS y 45.64
side N [adc counts]
side P [adc counts]

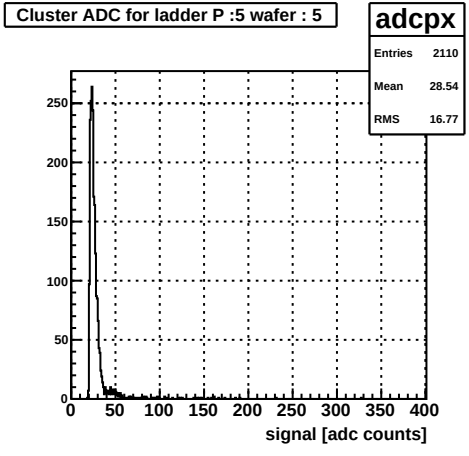

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 2364
Mean 38.4
RMS 33.77
signal [adc counts]

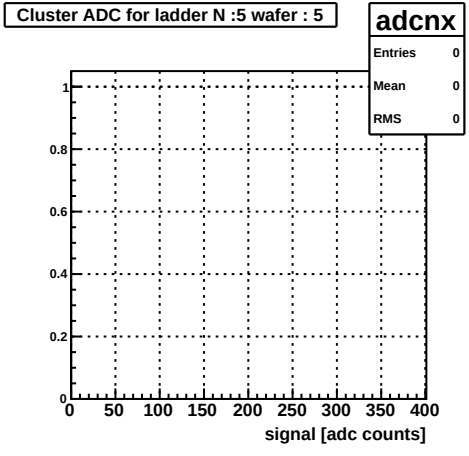

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5370
Mean 39.31
RMS 40.2
signal [adc counts]

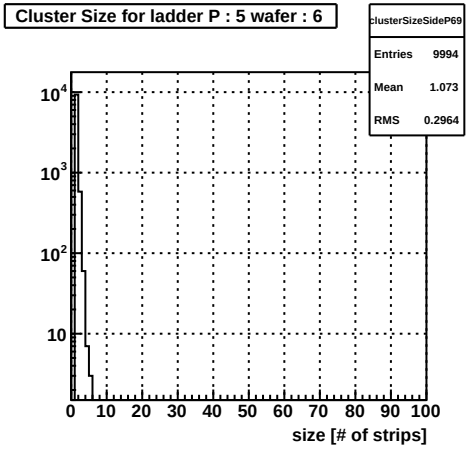

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 2110
Mean 1.053
RMS 0.2631
size [# of strips]

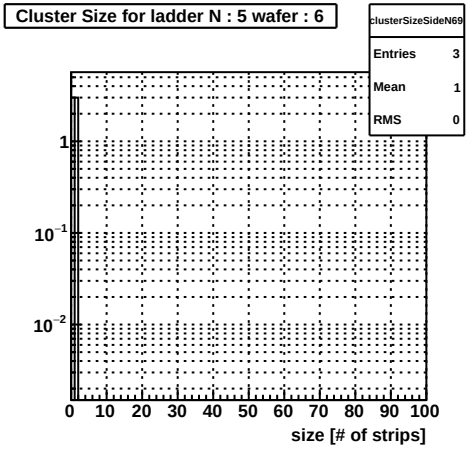

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

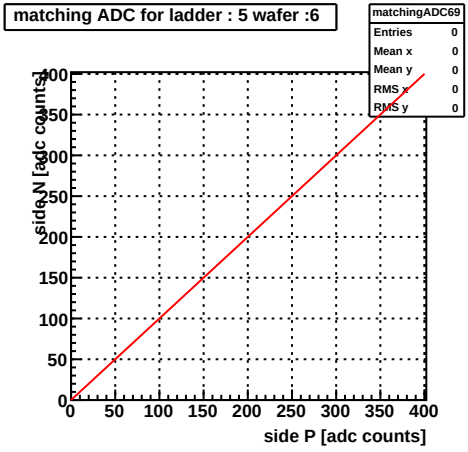

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

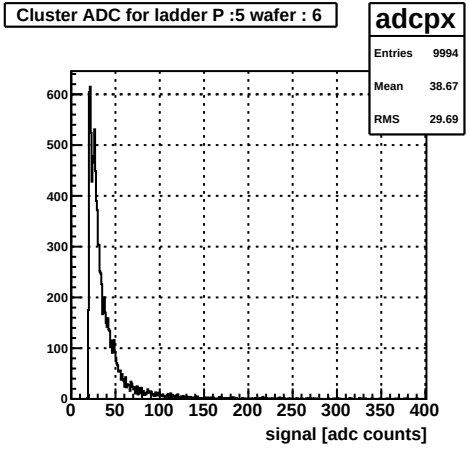

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 2110
Mean 28.54
RMS 16.77
signal [adc counts]

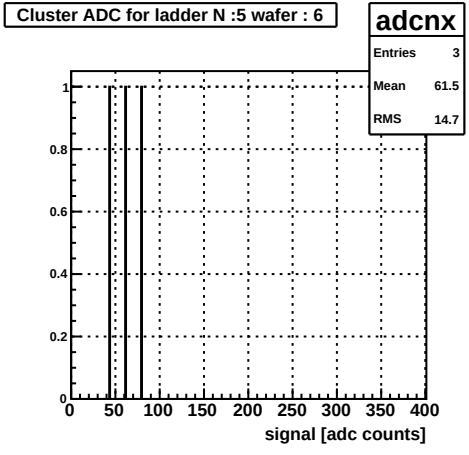

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

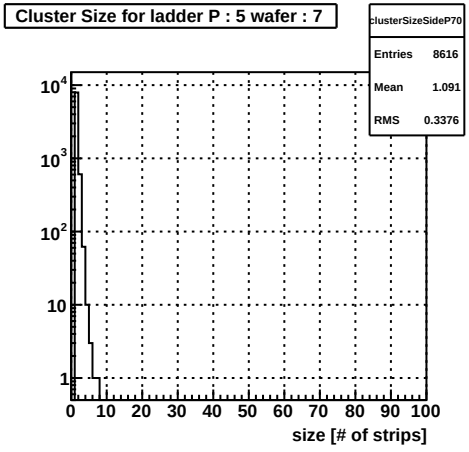

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9994
Mean 1.073
RMS 0.2964
size [# of strips]

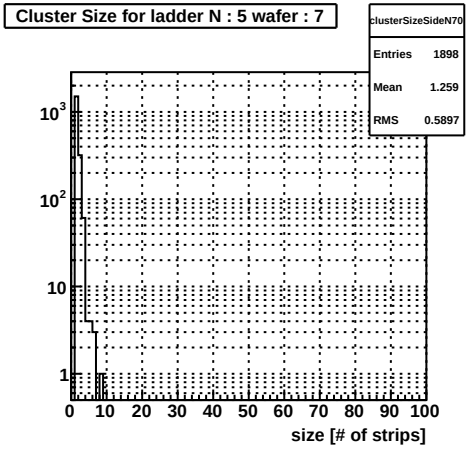

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3
Mean 1
RMS 0
size [# of strips]

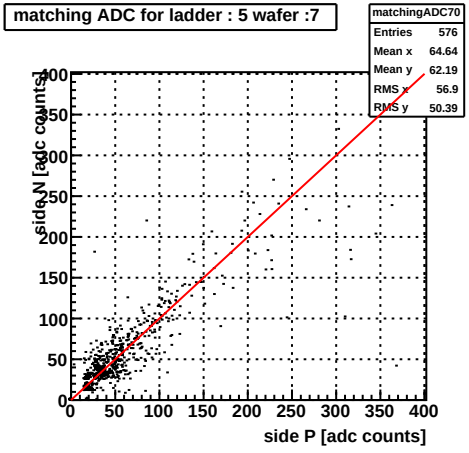

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

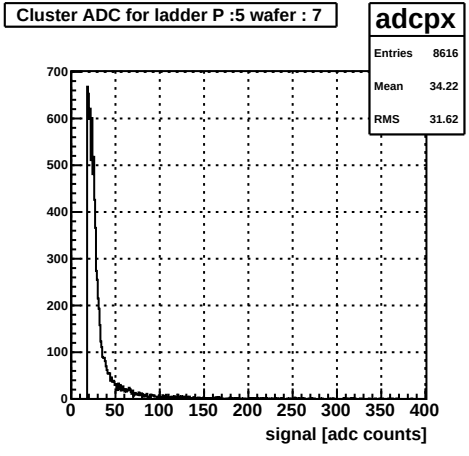

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9994
Mean 38.67
RMS 29.69
signal [adc counts]

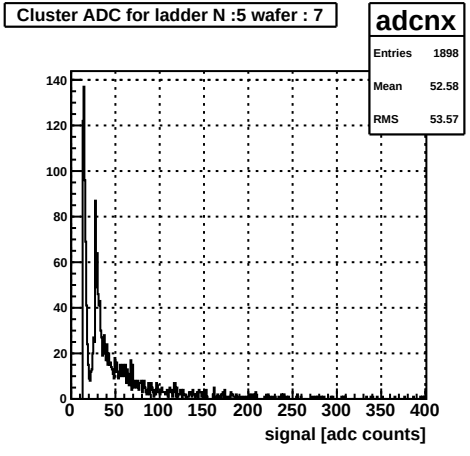

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3
Mean 61.5
RMS 14.7
signal [adc counts]

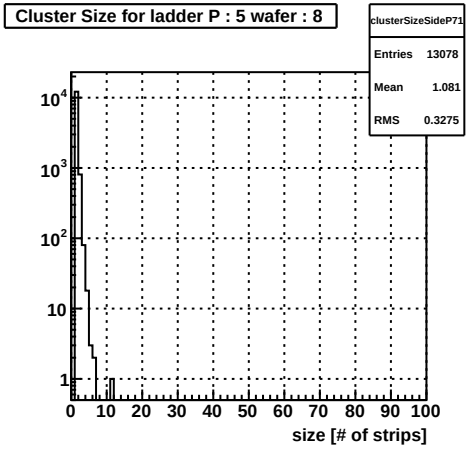

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8616
Mean 1.091
RMS 0.3376
size [# of strips]

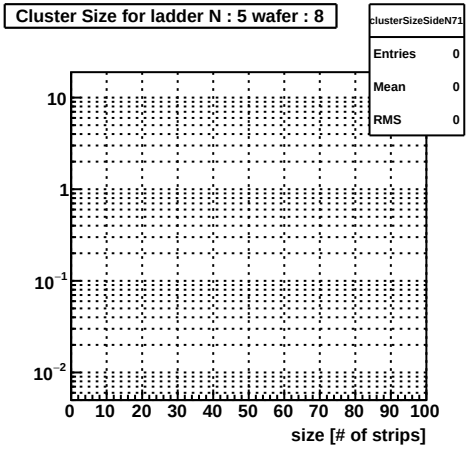

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1898
Mean 1.259
RMS 0.5897
size [# of strips]

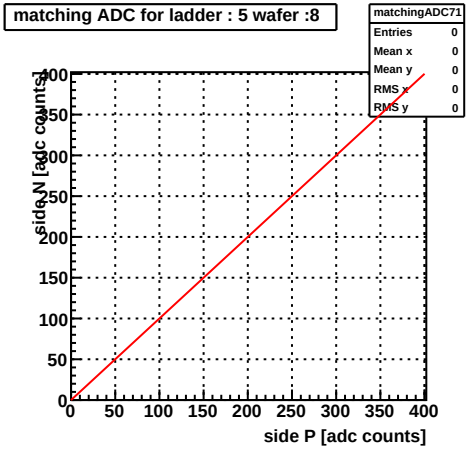

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 576
Mean x 64.64
Mean y 62.19
RMS x 56.9
RMS y 50.39
side N [adc counts]
side P [adc counts]

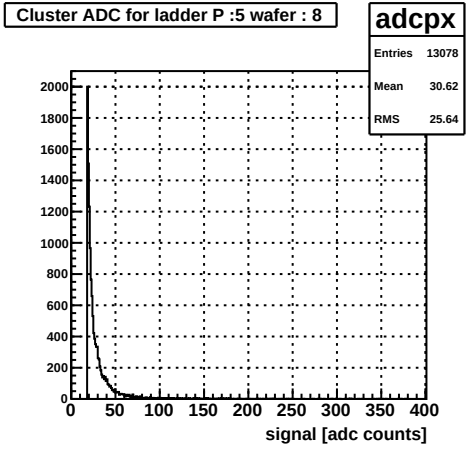

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8616
Mean 34.22
RMS 31.62
signal [adc counts]

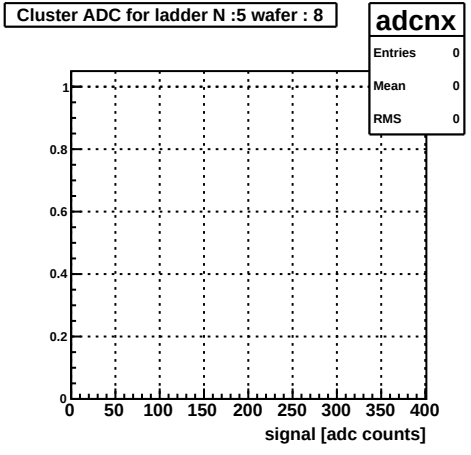

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1898
Mean 52.58
RMS 53.57
signal [adc counts]

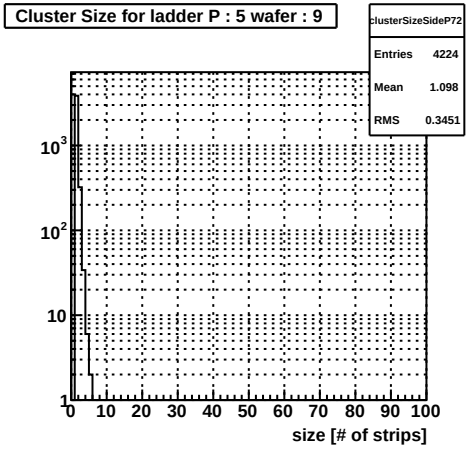

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13078
Mean 1.081
RMS 0.3275
size [# of strips]

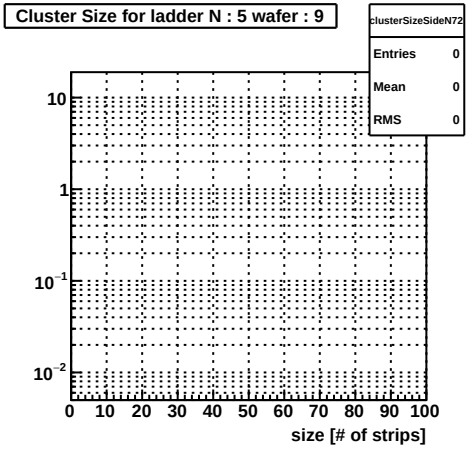

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

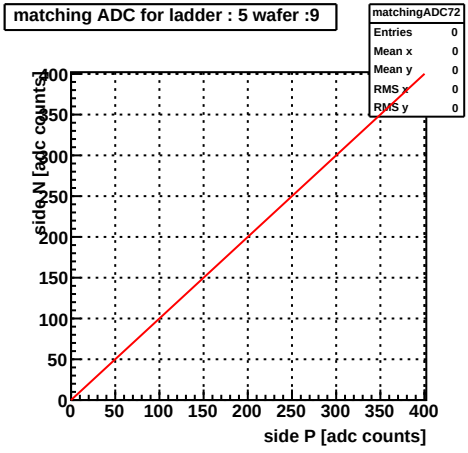

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

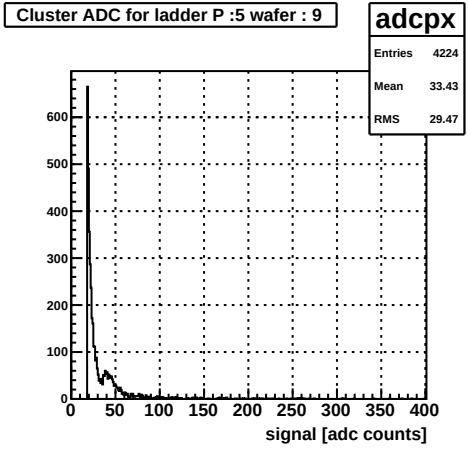

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13078
Mean 30.62
RMS 25.64
signal [adc counts]

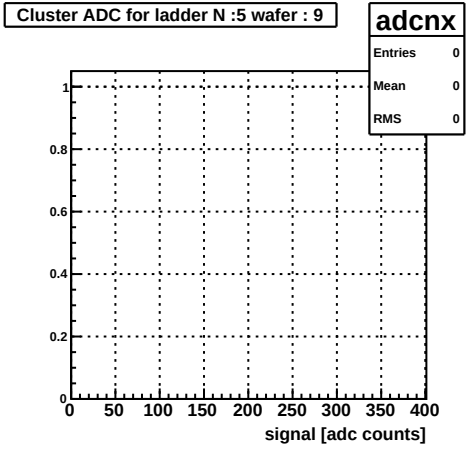

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

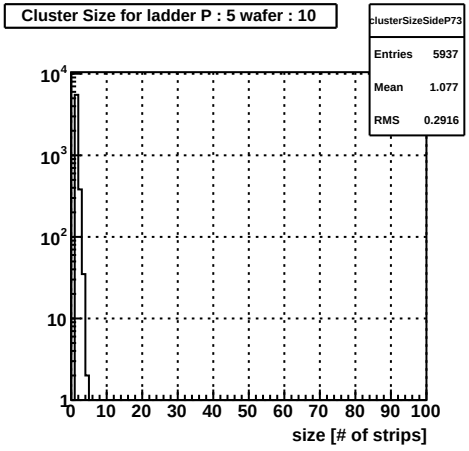

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4224
Mean 1.098
RMS 0.3451
size [# of strips]

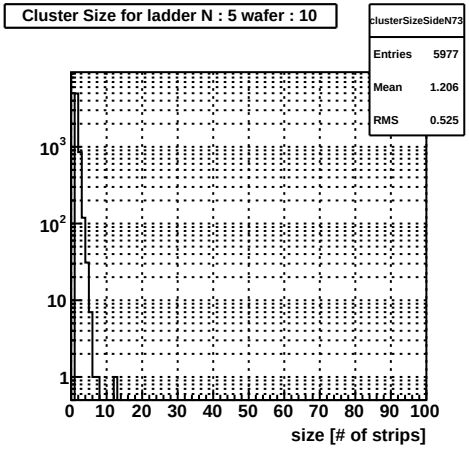

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

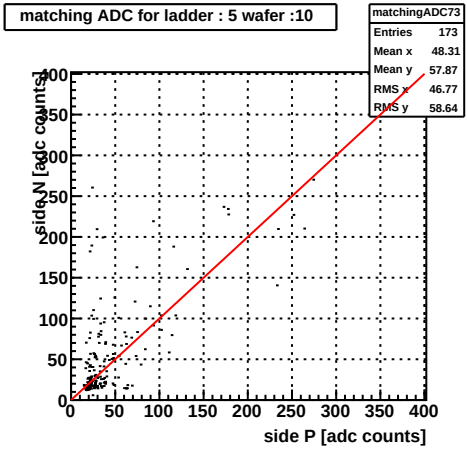

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

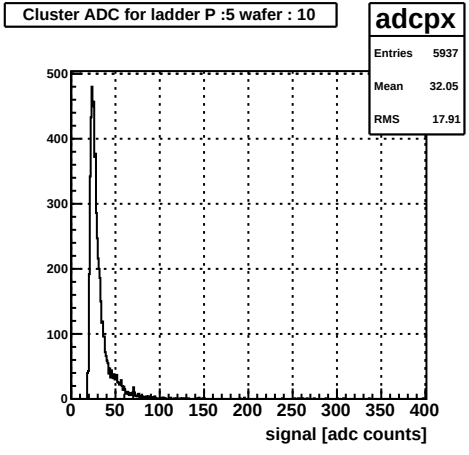

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4224
Mean 33.43
RMS 29.47
signal [adc counts]

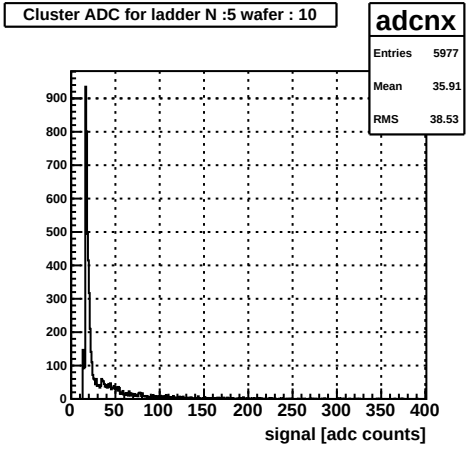

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

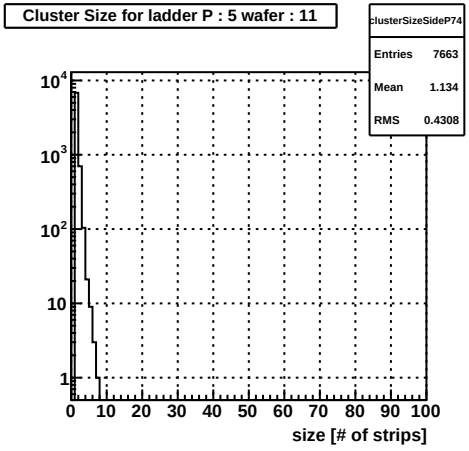

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5937
Mean 1.077
RMS 0.2916
size [# of strips]

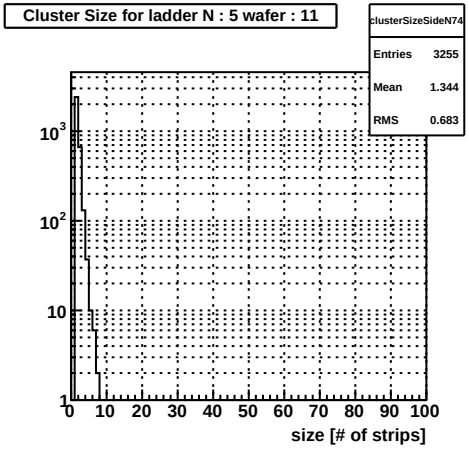

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 5977
Mean 1.206
RMS 0.525
size [# of strips]

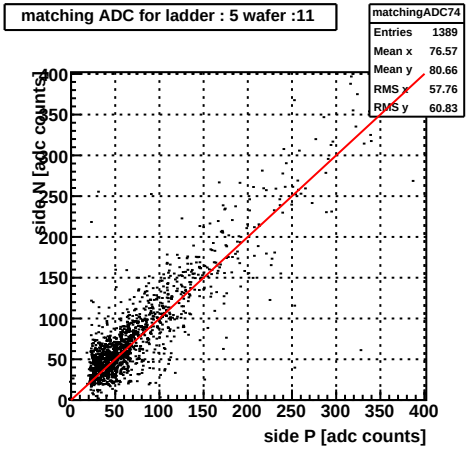

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 173
Mean x 48.31
Mean y 57.87
RMS x 46.77
RMS y 58.64
side N [adc counts]
side P [adc counts]

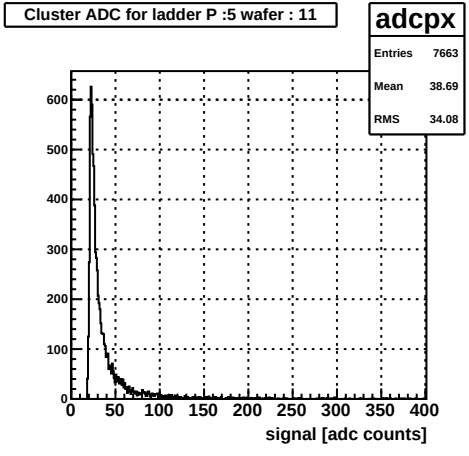

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5937
Mean 32.05
RMS 17.91
signal [adc counts]

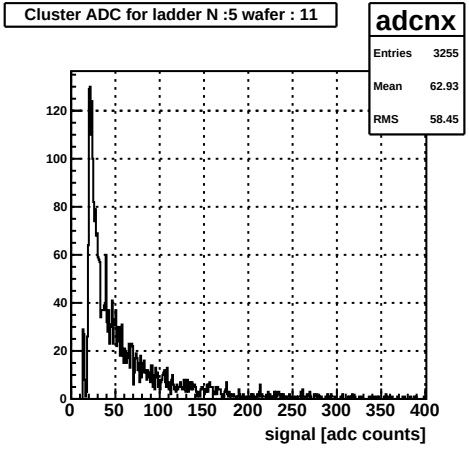

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 5977
Mean 35.91
RMS 38.53
signal [adc counts]

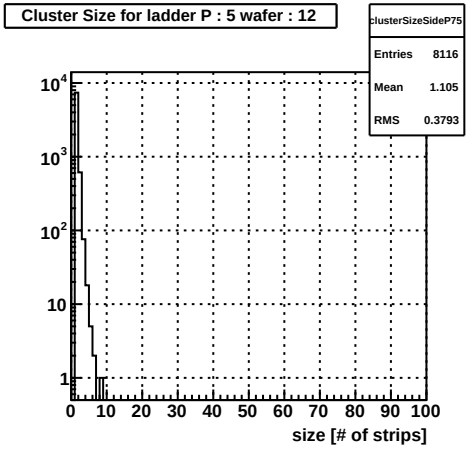

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 7663
Mean 1.134
RMS 0.4308
size [# of strips]

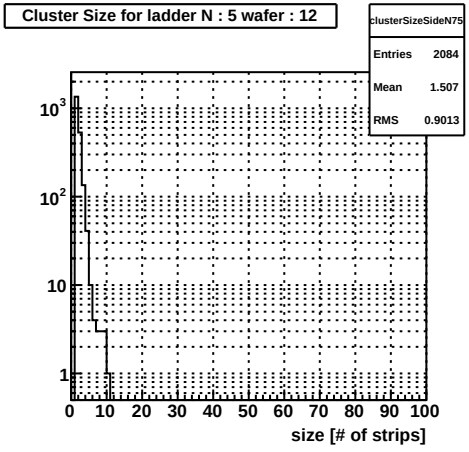

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3255
Mean 1.344
RMS 0.683
size [# of strips]

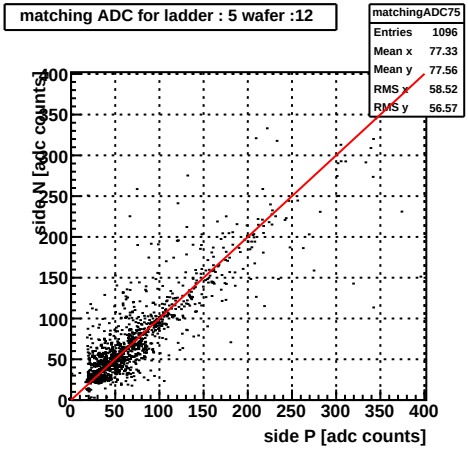

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1389
Mean x 76.57
Mean y 80.66
RMS x 57.76
RMS y 60.83
side N [adc counts]
side P [adc counts]

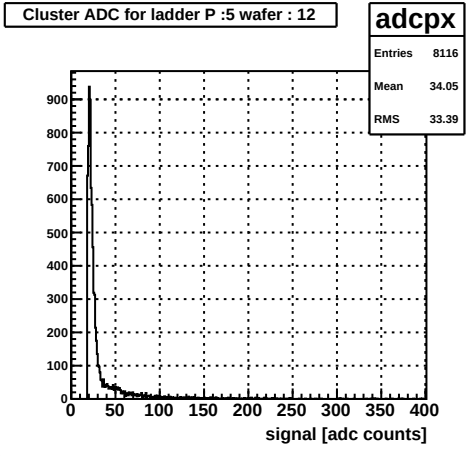

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 7663
Mean 38.69
RMS 34.08
signal [adc counts]

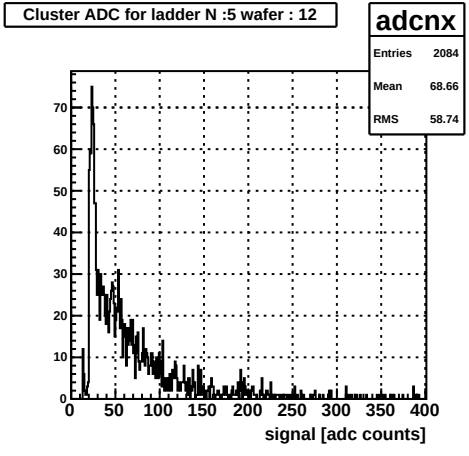

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3255
Mean 62.93
RMS 58.45
signal [adc counts]

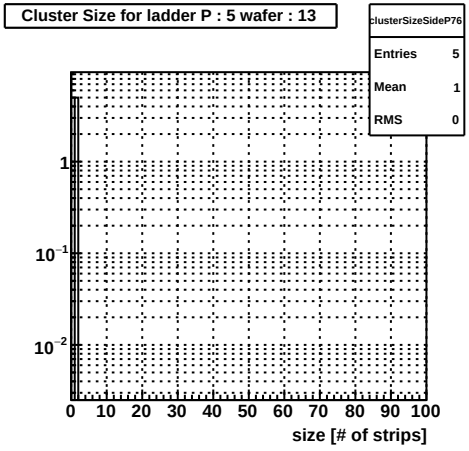

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8116
Mean 1.105
RMS 0.3793
size [# of strips]

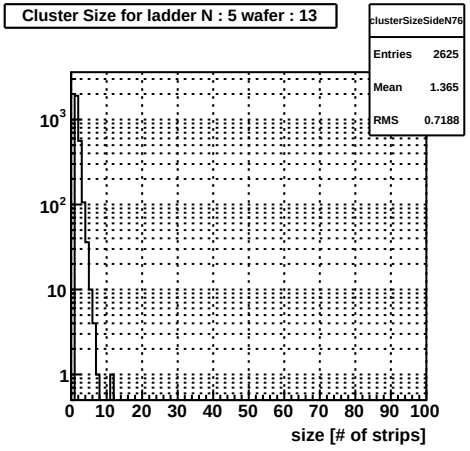

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2084
Mean 1.507
RMS 0.9013
size [# of strips]

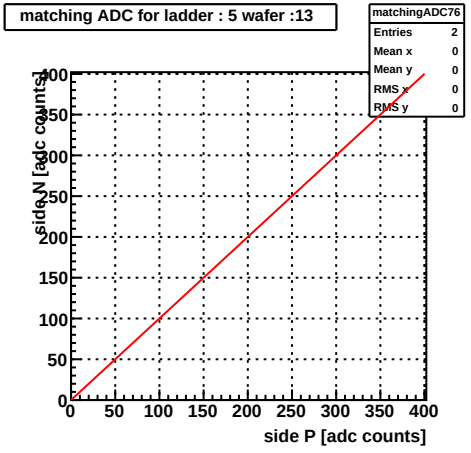

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1096
Mean x 77.33
Mean y 77.56
RMS x 58.52
RMS y 56.57
side N [adc counts]
side P [adc counts]

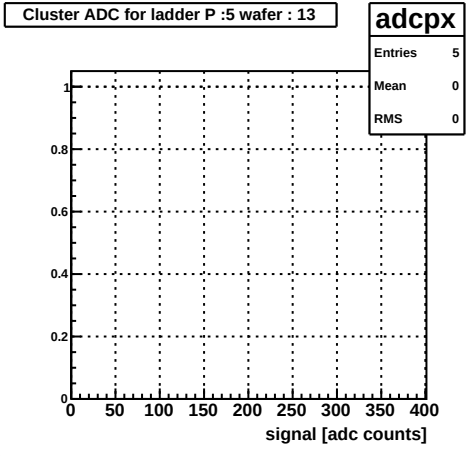

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8116
Mean 34.05
RMS 33.39
signal [adc counts]

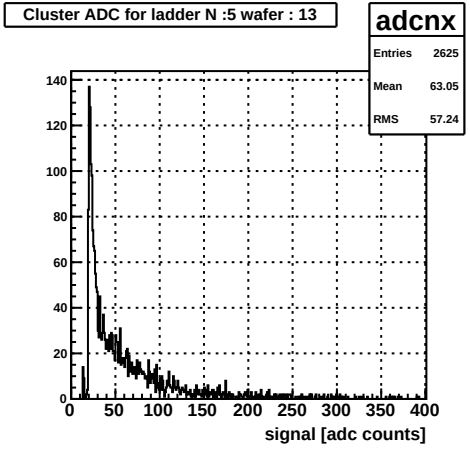

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2084
Mean 68.66
RMS 58.74
signal [adc counts]

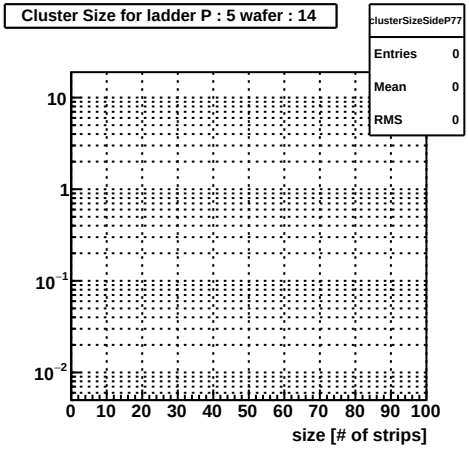

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 5
Mean 1
RMS 0
size [# of strips]

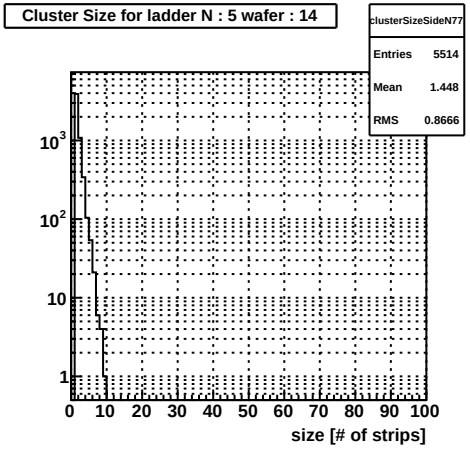

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2625
Mean 1.365
RMS 0.7188
size [# of strips]

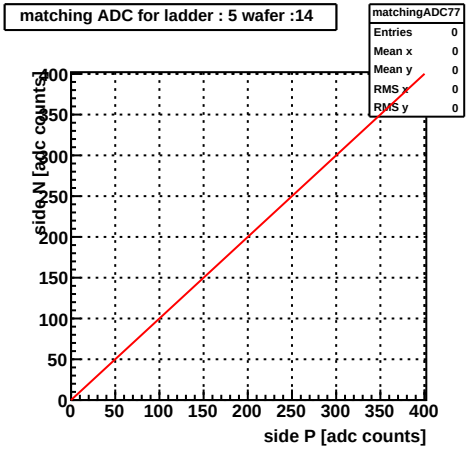

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

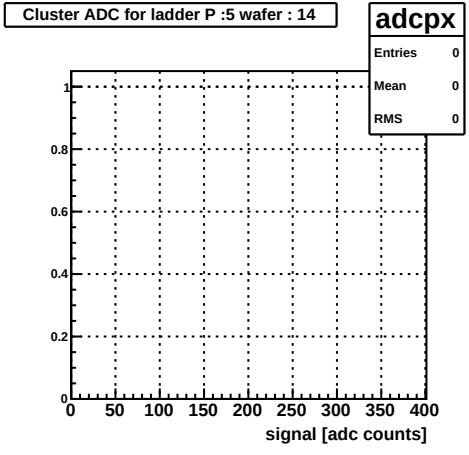

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

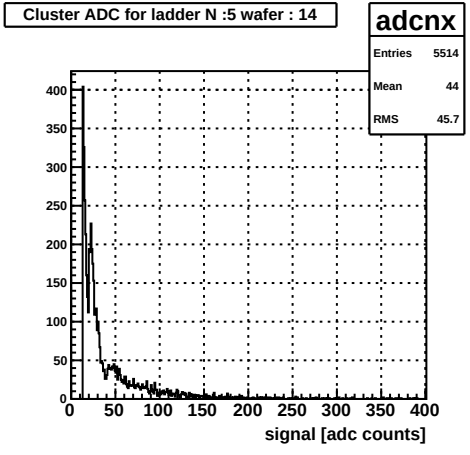

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2625
Mean 63.05
RMS 57.24
signal [adc counts]

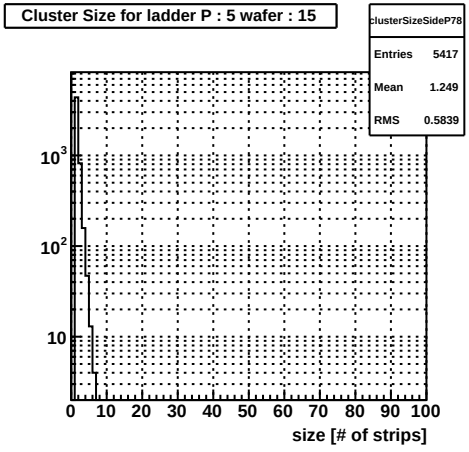

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

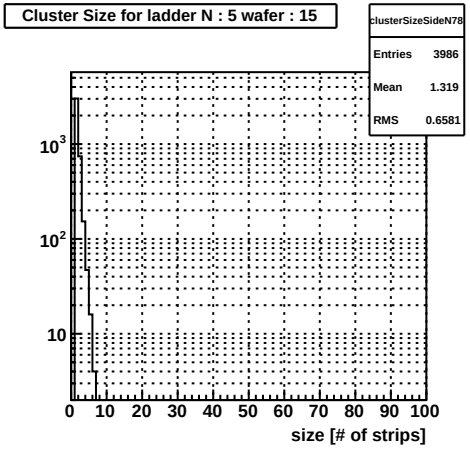

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5514
Mean 1.448
RMS 0.8666
size [# of strips]

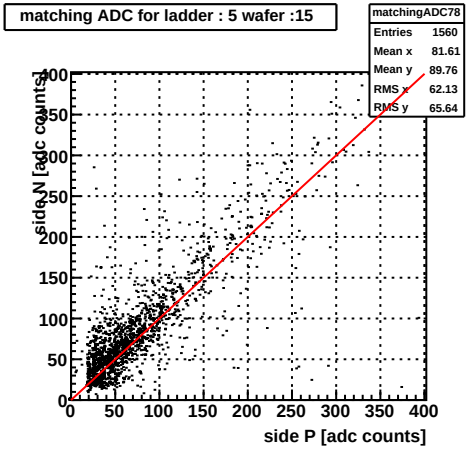

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

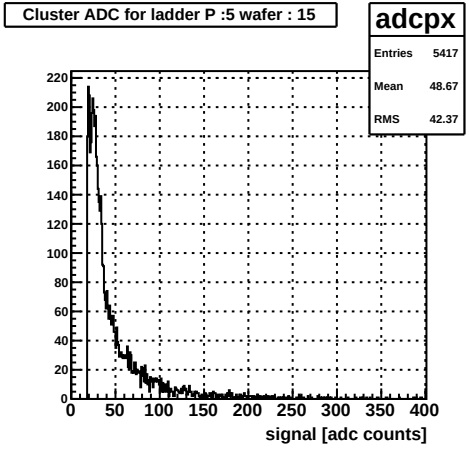

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

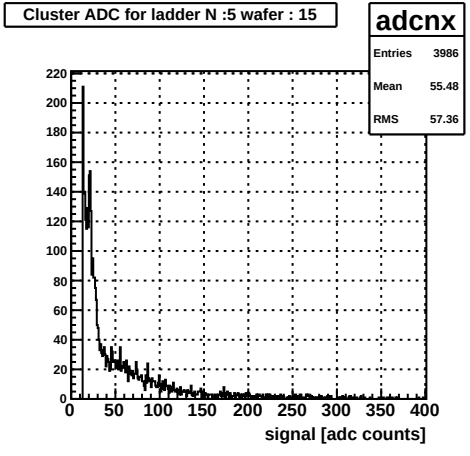

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5514
Mean 44
RMS 45.7
signal [adc counts]

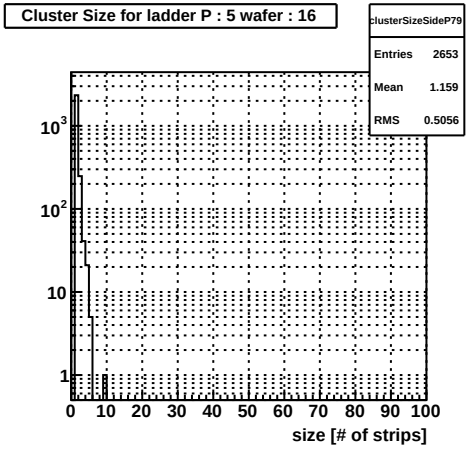

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5417
Mean 1.249
RMS 0.5839
size [# of strips]

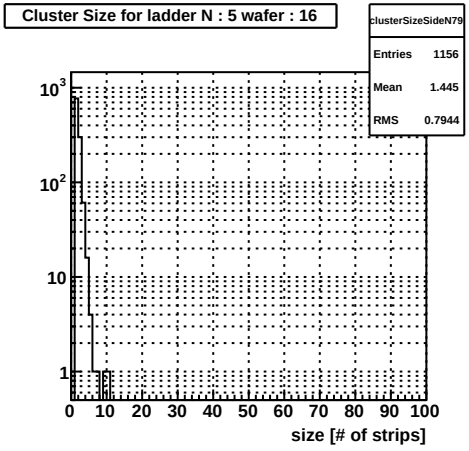

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3986
Mean 1.319
RMS 0.6581
size [# of strips]

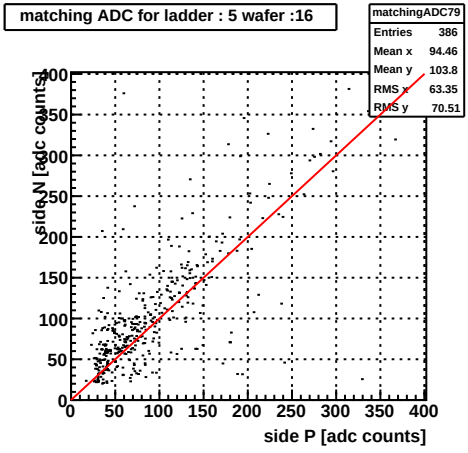

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1560
Mean x 81.61
Mean y 89.76
RMS x 62.13
RMS y 65.64
side N [adc counts]
side P [adc counts]

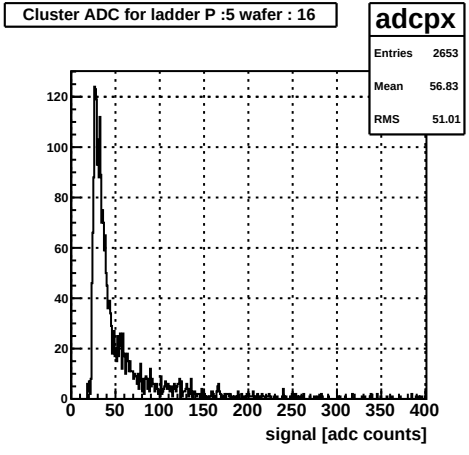

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5417
Mean 48.67
RMS 42.37
signal [adc counts]

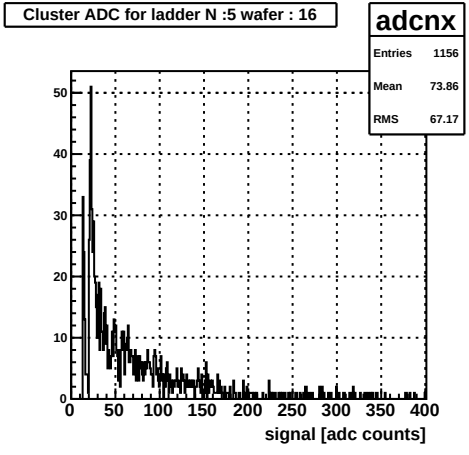

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3986
Mean 55.48
RMS 57.36
signal [adc counts]

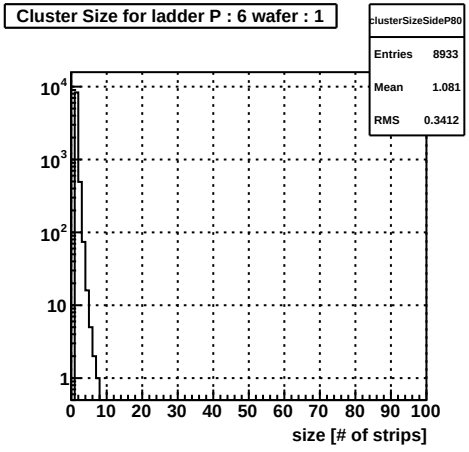

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2653
Mean 1.159
RMS 0.5056
size [# of strips]

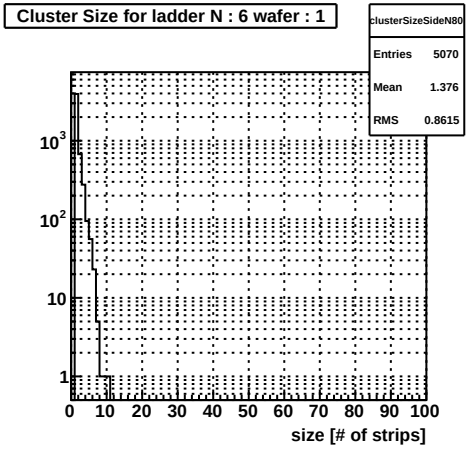

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1156
Mean 1.445
RMS 0.7944
size [# of strips]

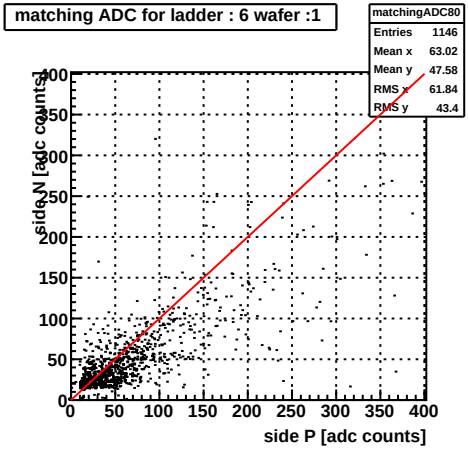

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 386
Mean x 94.46
Mean y 103.8
RMS x 63.35
RMS y 70.51
side N [adc counts]
side P [adc counts]

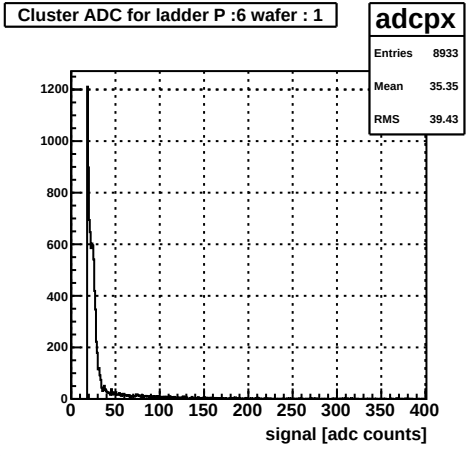

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2653
Mean 56.83
RMS 51.01
signal [adc counts]

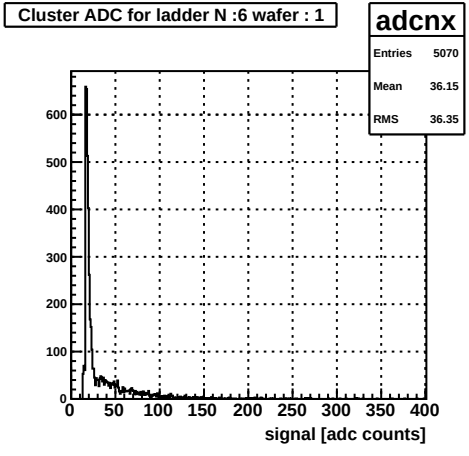

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1156
Mean 73.86
RMS 67.17
signal [adc counts]

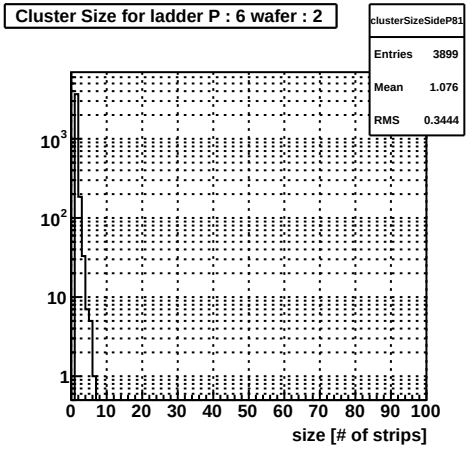

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8933
Mean 1.081
RMS 0.3412
size [# of strips]

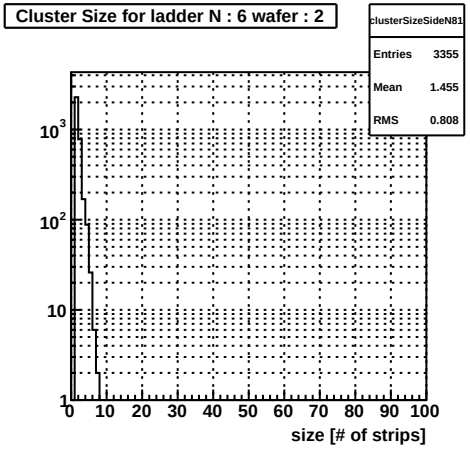

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5070
Mean 1.376
RMS 0.8615
size [# of strips]

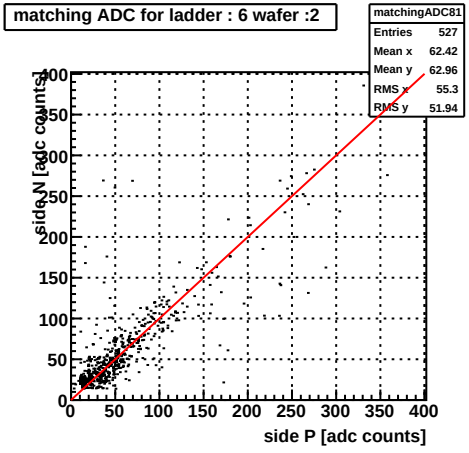

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1146
Mean x 63.02
Mean y 47.58
RMS x 61.84
RMS y 43.4
side N [adc counts]
side P [adc counts]

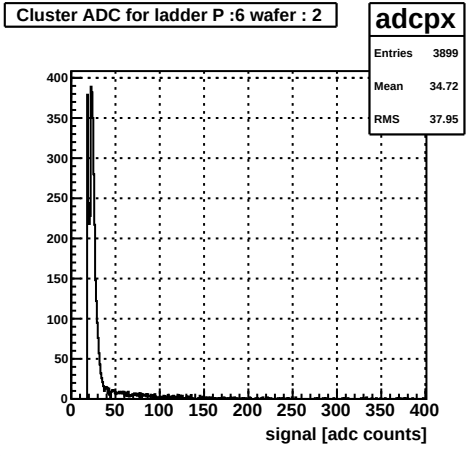

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8933
Mean 35.35
RMS 39.43
signal [adc counts]

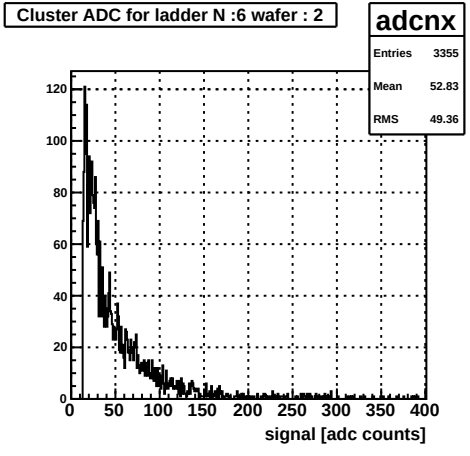

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5070
Mean 36.15
RMS 36.35
signal [adc counts]

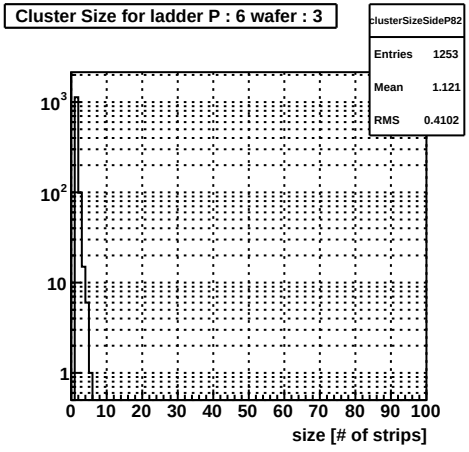

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3899
Mean 1.076
RMS 0.3444
size [# of strips]

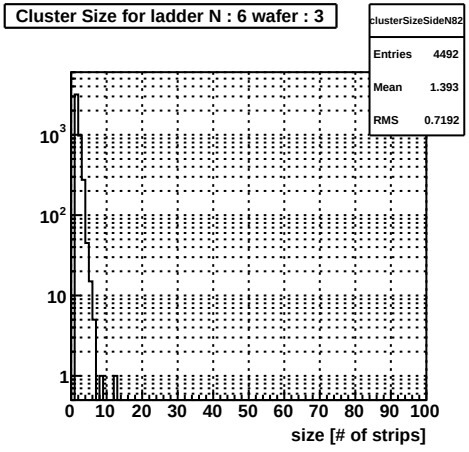

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3355
Mean 1.455
RMS 0.808
size [# of strips]

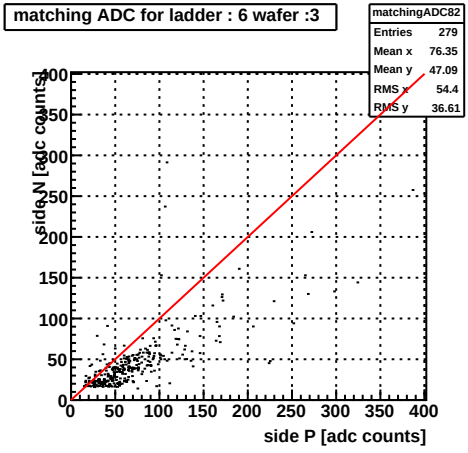

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 527
Mean x 62.42
Mean y 62.96
RMS x 55.3
RMS y 51.94
side N [adc counts]
side P [adc counts]

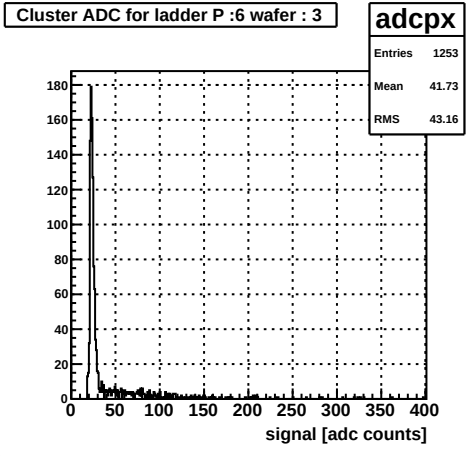

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3899
Mean 34.72
RMS 37.95
signal [adc counts]

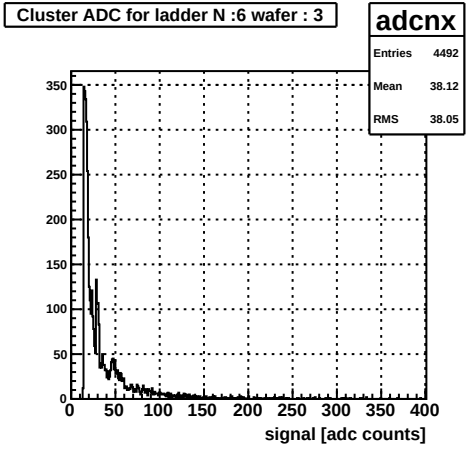

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3355
Mean 52.83
RMS 49.36
signal [adc counts]

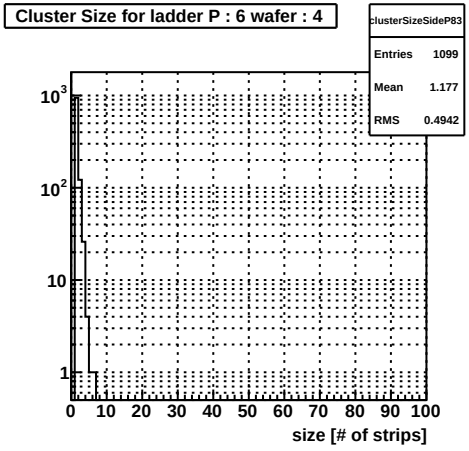

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1253
Mean 1.121
RMS 0.4102
size [# of strips]

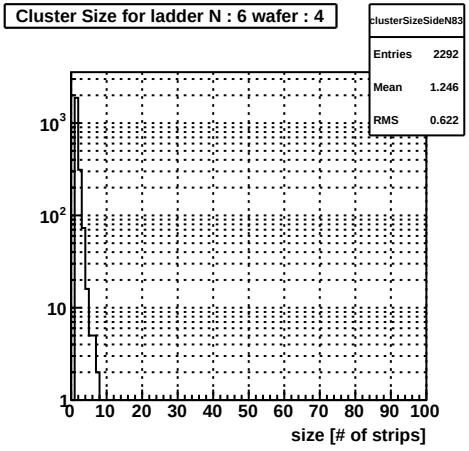

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4492
Mean 1.393
RMS 0.7192
size [# of strips]

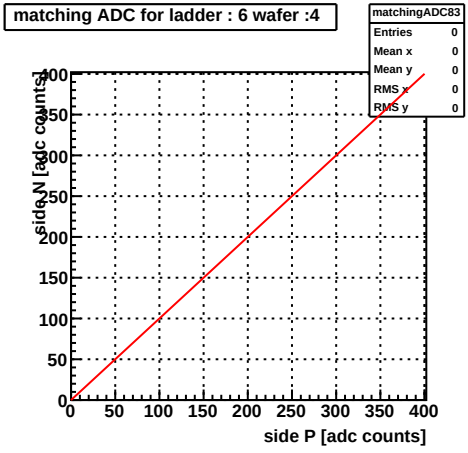

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 279
Mean x 76.35
Mean y 47.09
RMS x 54.4
RMS y 36.61
side N [adc counts]
side P [adc counts]

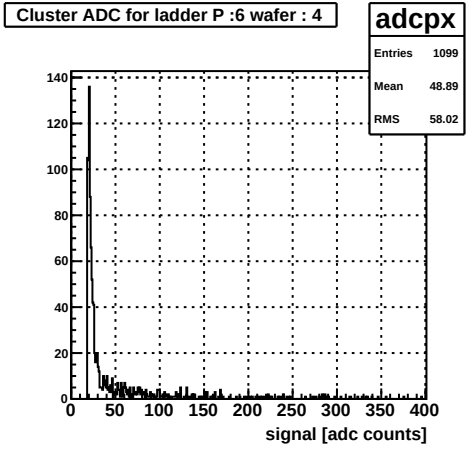

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1253
Mean 41.73
RMS 43.16
signal [adc counts]

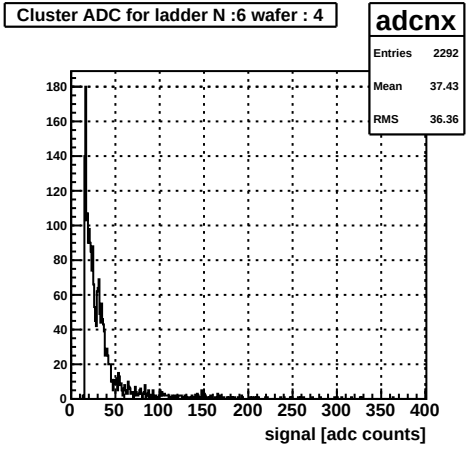

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4492
Mean 38.12
RMS 38.05
signal [adc counts]

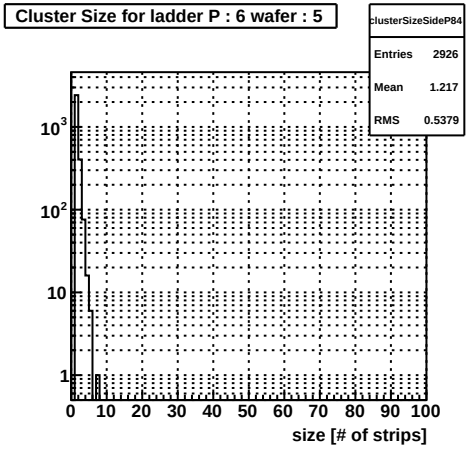

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1099
Mean 1.177
RMS 0.4942
size [# of strips]

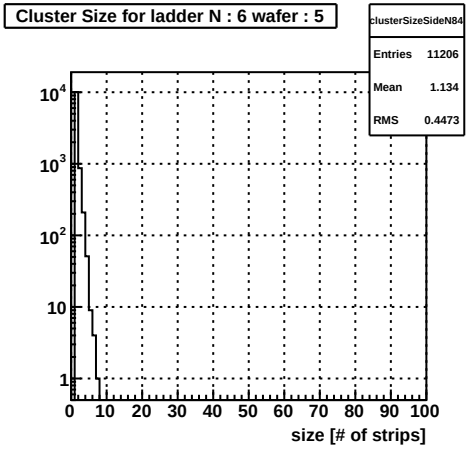

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2292
Mean 1.246
RMS 0.622
size [# of strips]

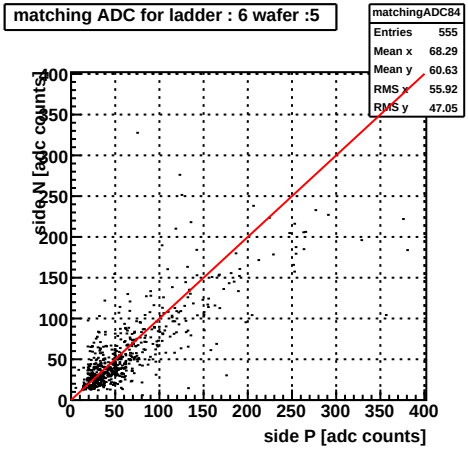

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

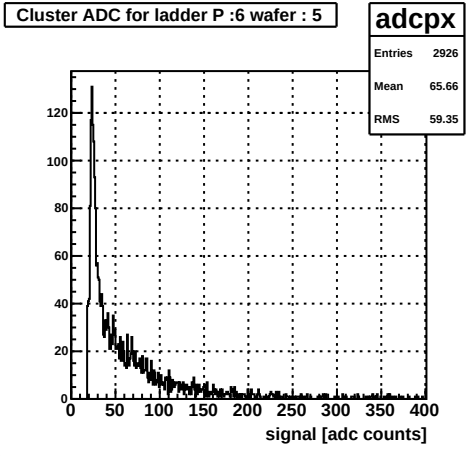

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1099
Mean 48.89
RMS 58.02
signal [adc counts]

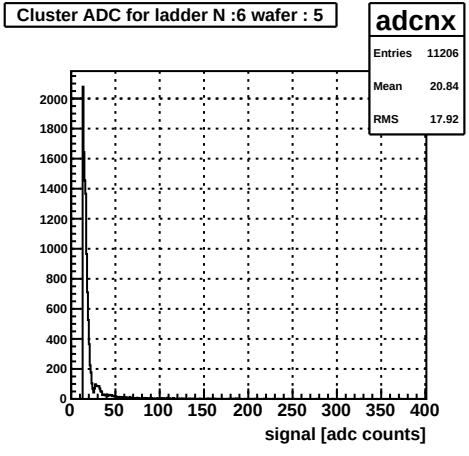

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2292
Mean 37.43
RMS 36.36
signal [adc counts]

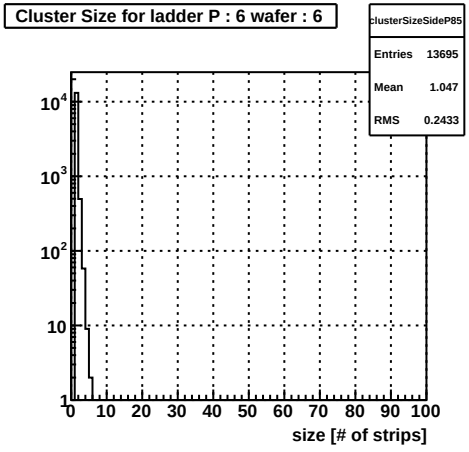

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2926
Mean 1.217
RMS 0.5379
size [# of strips]

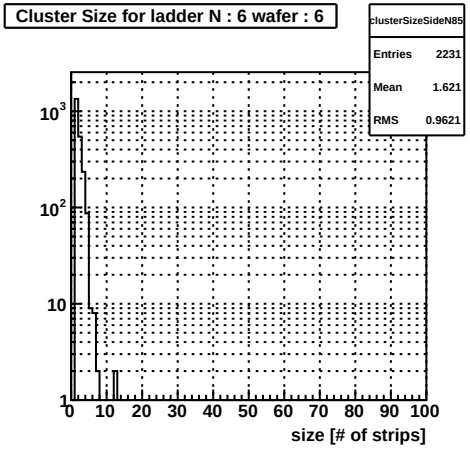

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 11206
Mean 1.134
RMS 0.4473
size [# of strips]

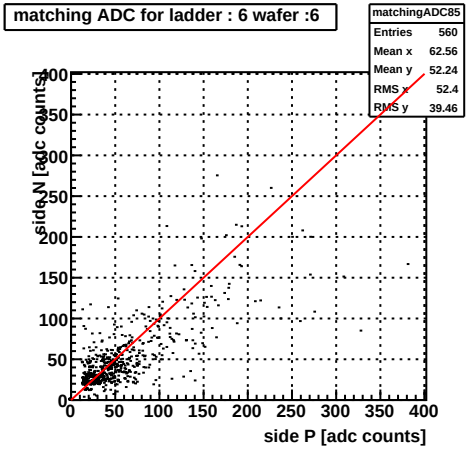

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 555
Mean x 68.29
Mean y 60.63
RMS x 55.92
RMS y 47.05
side N [adc counts]
side P [adc counts]

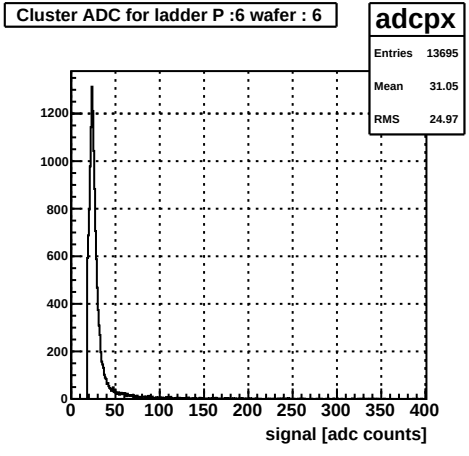

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2926
Mean 65.66
RMS 59.35
signal [adc counts]

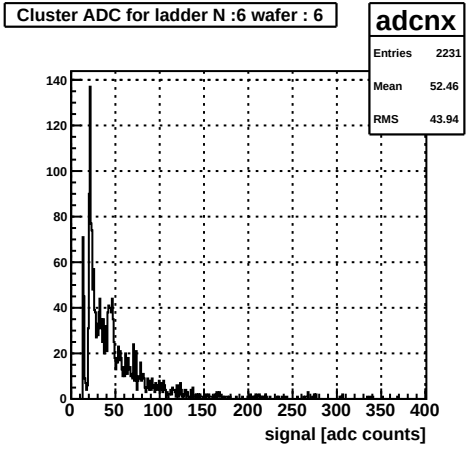

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 11206
Mean 20.84
RMS 17.92
signal [adc counts]

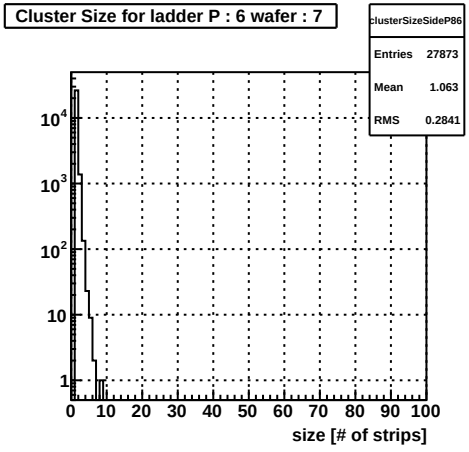

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 13695
Mean 1.047
RMS 0.2433
size [# of strips]

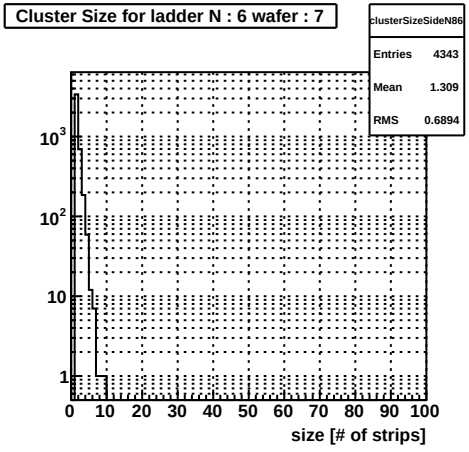

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2231
Mean 1.621
RMS 0.9621
size [# of strips]

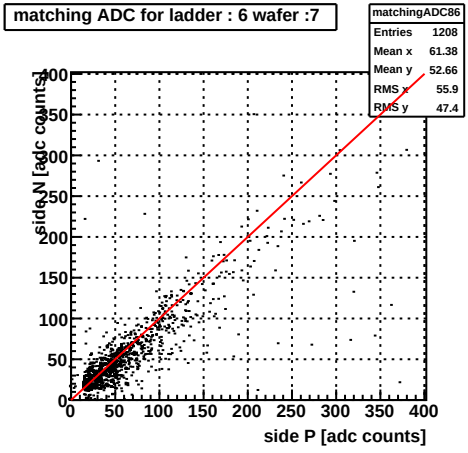

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 560
Mean x 62.56
Mean y 52.24
RMS x 52.4
RMS y 39.46
side N [adc counts]
side P [adc counts]

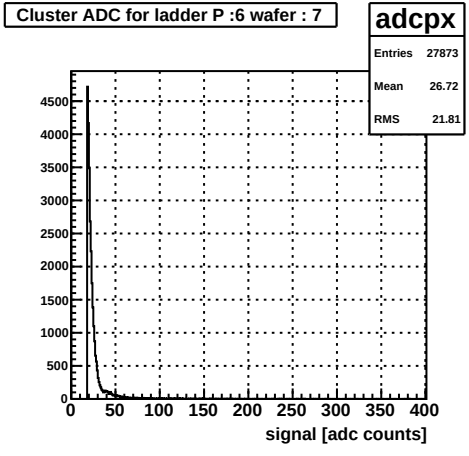

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 13695
Mean 31.05
RMS 24.97
signal [adc counts]

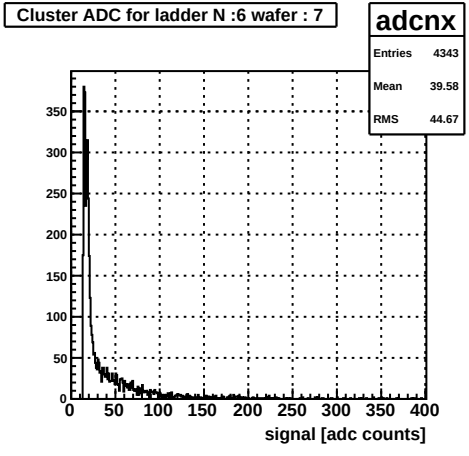

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2231
Mean 52.46
RMS 43.94
signal [adc counts]

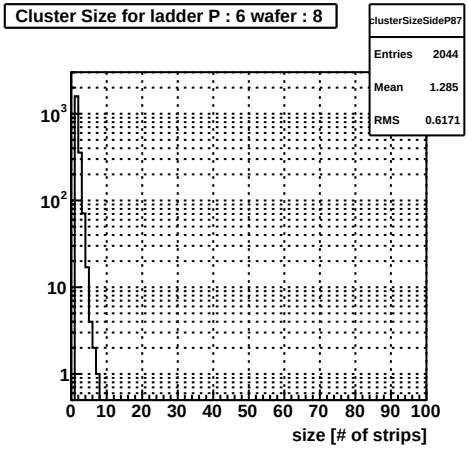

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 27873
Mean 1.063
RMS 0.2841
size [# of strips]

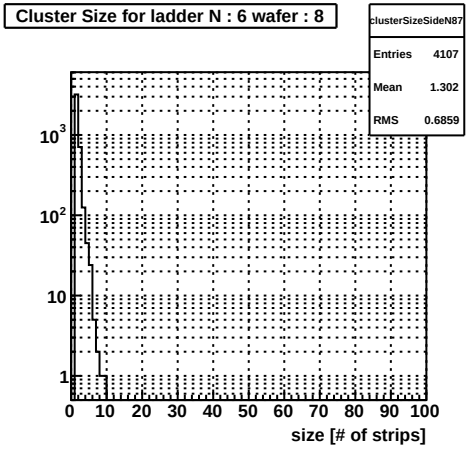

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4343
Mean 1.309
RMS 0.6894
size [# of strips]

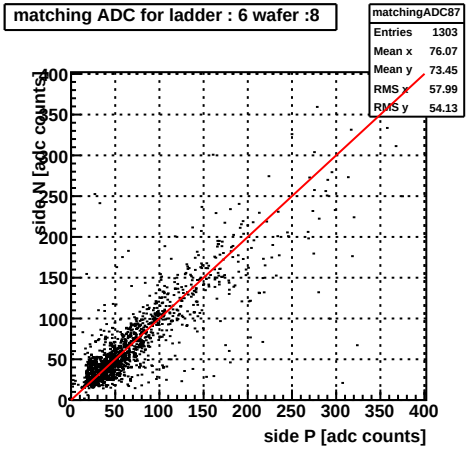

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1208
Mean x 61.38
Mean y 52.66
RMS x 55.9
RMS y 47.4
side N [adc counts]
side P [adc counts]

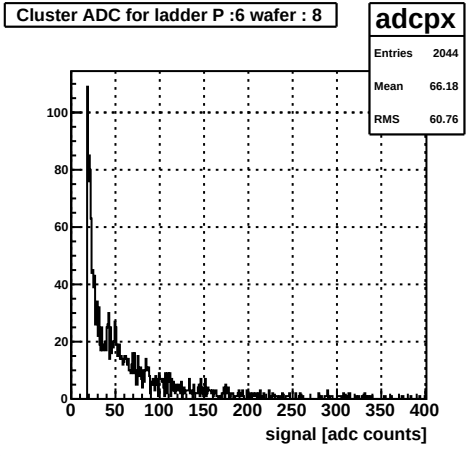

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 27873
Mean 26.72
RMS 21.81
signal [adc counts]

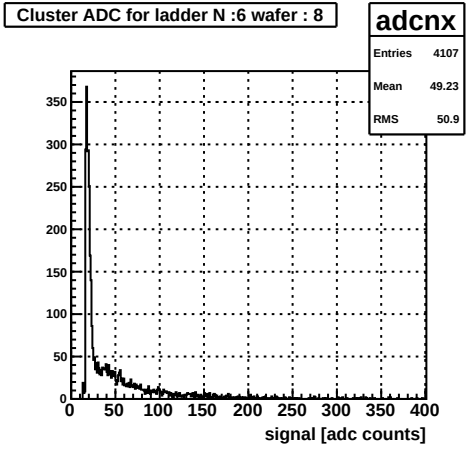

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4343
Mean 39.58
RMS 44.67
signal [adc counts]

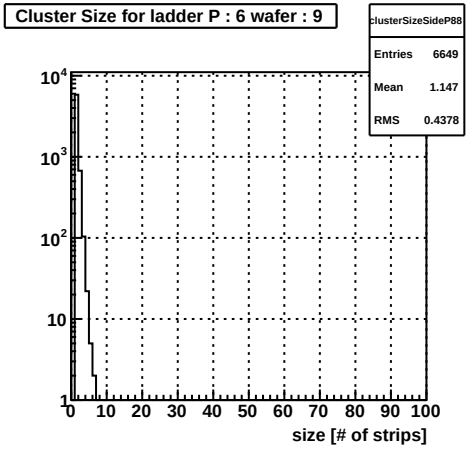

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2044
Mean 1.285
RMS 0.6171
size [# of strips]

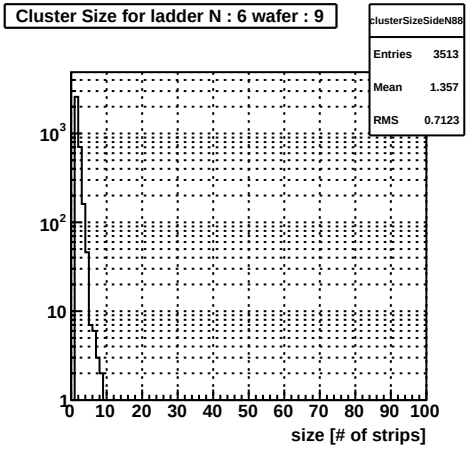

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4107
Mean 1.302
RMS 0.6859
size [# of strips]

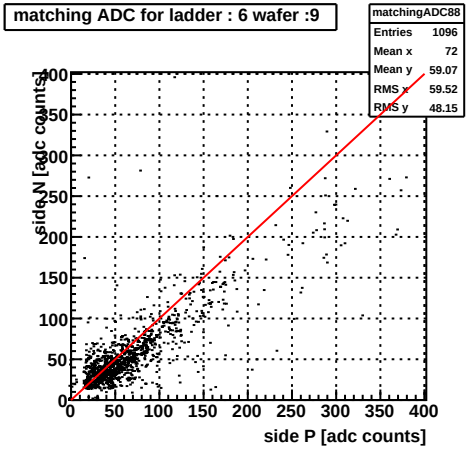

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1303
Mean x 76.07
Mean y 73.45
RMS x 57.99
RMS y 54.13
side N [adc counts]
side P [adc counts]

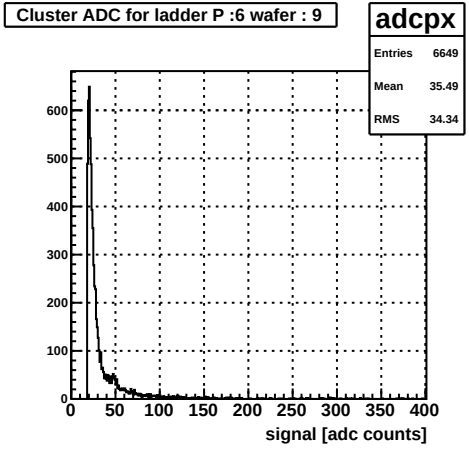

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2044
Mean 66.18
RMS 60.76
signal [adc counts]

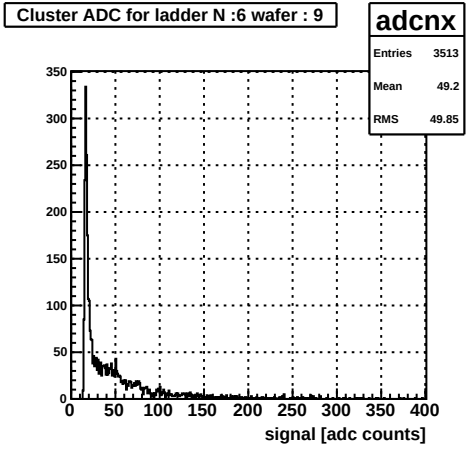

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4107
Mean 49.23
RMS 50.9
signal [adc counts]

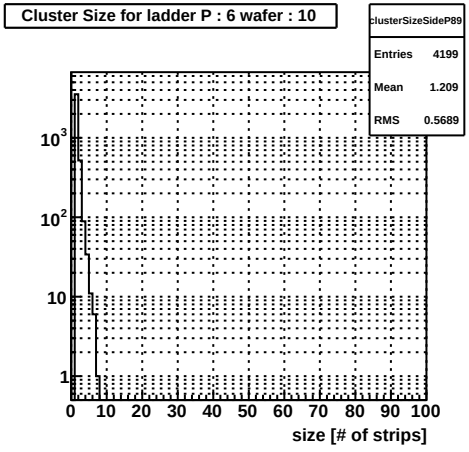

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6649
Mean 1.147
RMS 0.4378
size [# of strips]

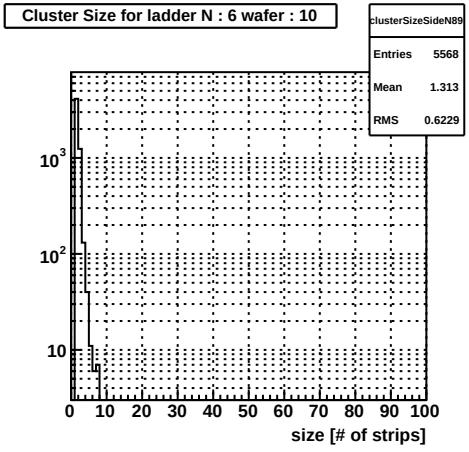

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3513
Mean 1.357
RMS 0.7123
size [# of strips]

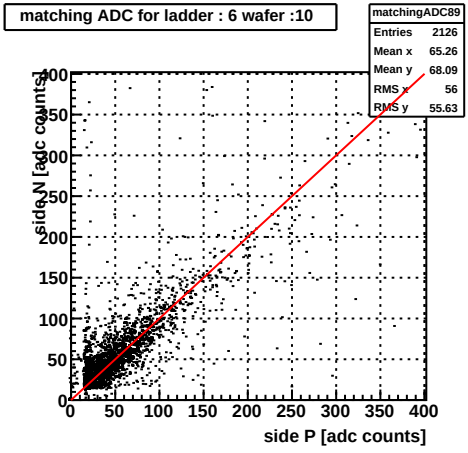

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1096
Mean x 72
Mean y 59.07
RMS x 59.52
RMS y 48.15
side N [adc counts]
side P [adc counts]

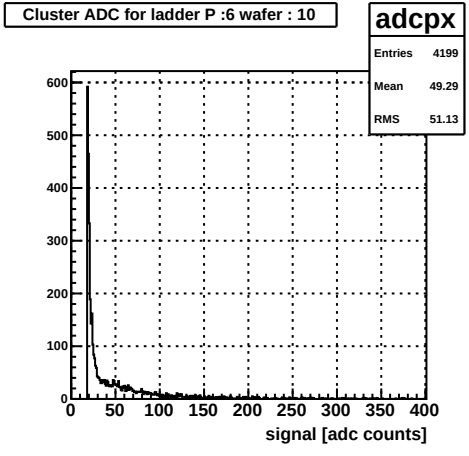

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6649
Mean 35.49
RMS 34.34
signal [adc counts]

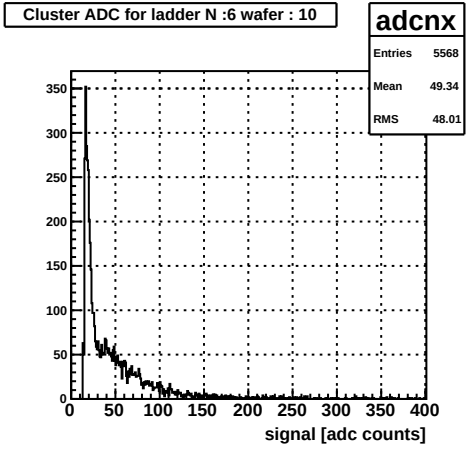

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3513
Mean 49.2
RMS 49.85
signal [adc counts]

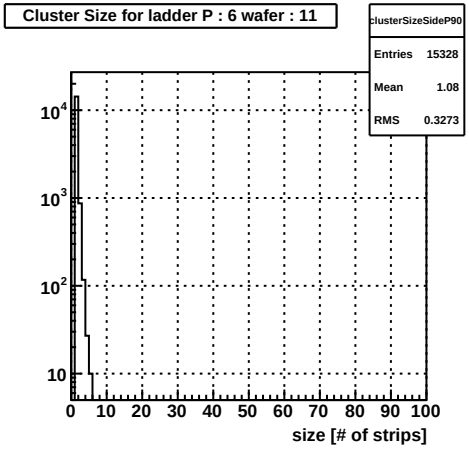

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4199
Mean 1.209
RMS 0.5689
size [# of strips]

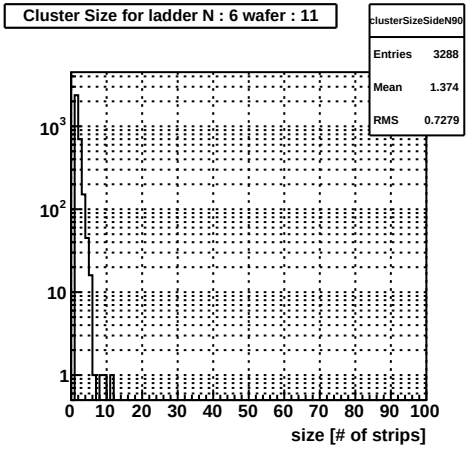

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5568
Mean 1.313
RMS 0.6229
size [# of strips]

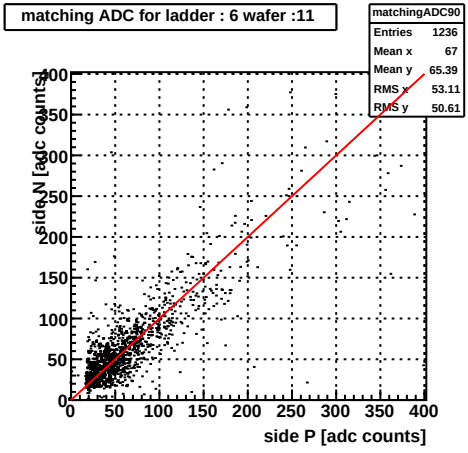

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2126
Mean x 65.26
Mean y 68.09
RMS x 56
RMS y 55.63
side N [adc counts]
side P [adc counts]

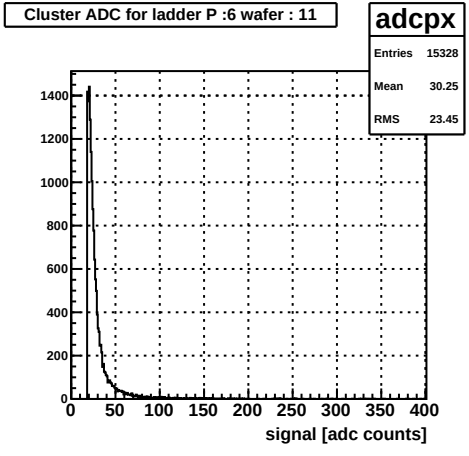

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4199
Mean 49.29
RMS 51.13
signal [adc counts]

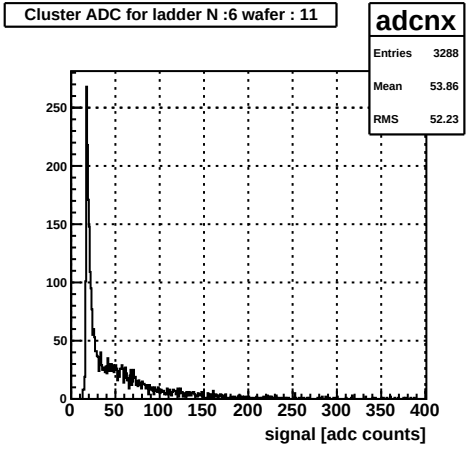

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5568
Mean 49.34
RMS 48.01
signal [adc counts]

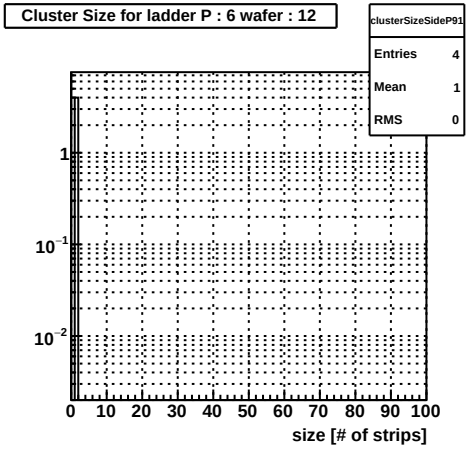

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 15328
Mean 1.08
RMS 0.3273
size [# of strips]

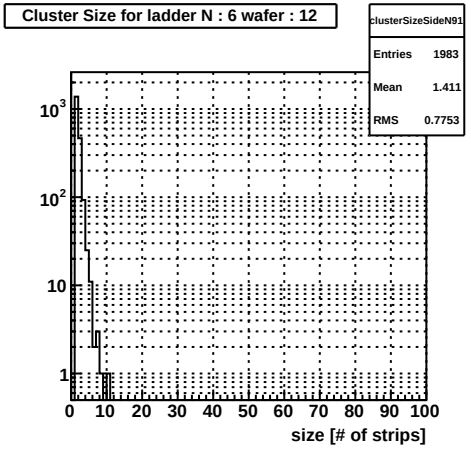

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3288
Mean 1.374
RMS 0.7279
size [# of strips]

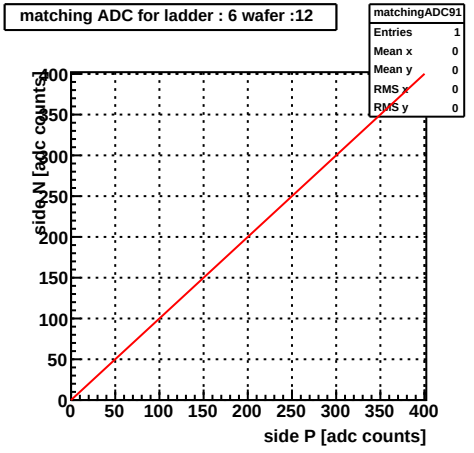

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1236
Mean x 67
Mean y 65.39
RMS x 53.11
RMS y 50.61
side N [adc counts]
side P [adc counts]

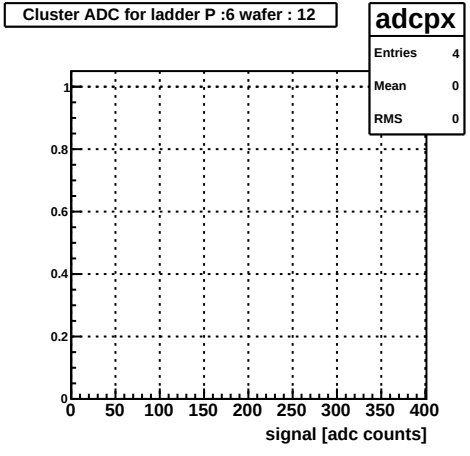

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 15328
Mean 30.25
RMS 23.45
signal [adc counts]

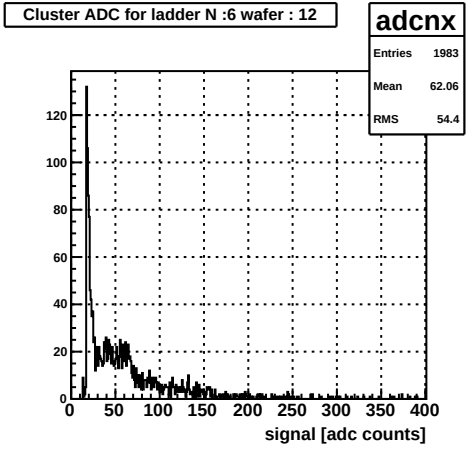

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3288
Mean 53.86
RMS 52.23
signal [adc counts]

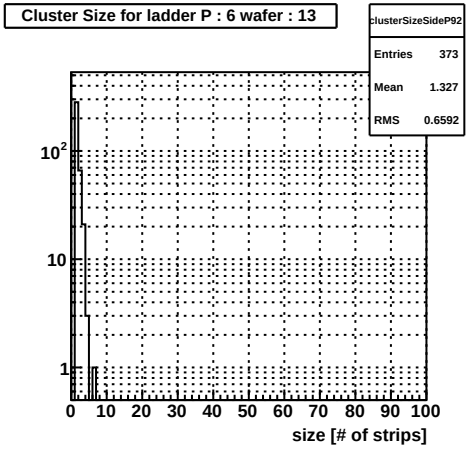

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 4
Mean 1
RMS 0
size [# of strips]

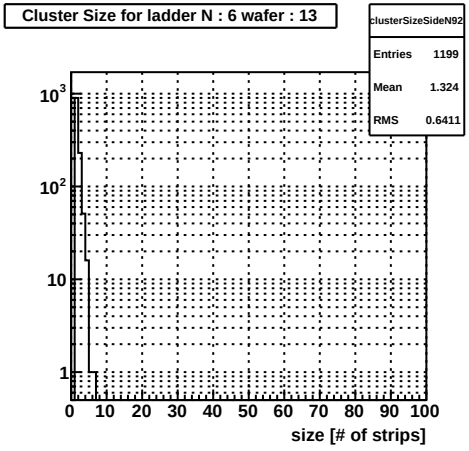

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1983
Mean 1.411
RMS 0.7753
size [# of strips]

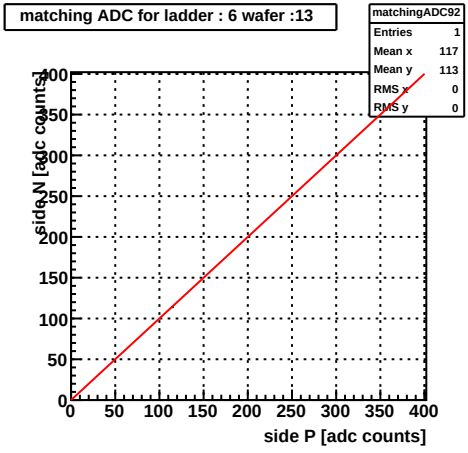

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

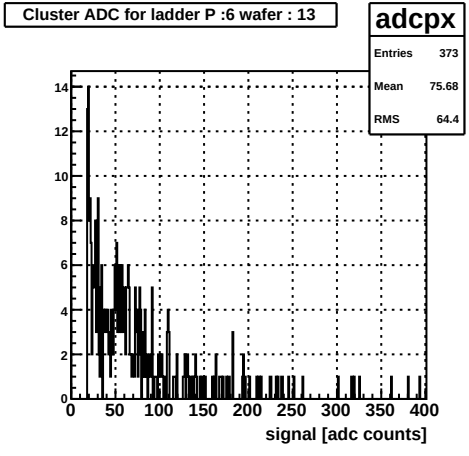

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

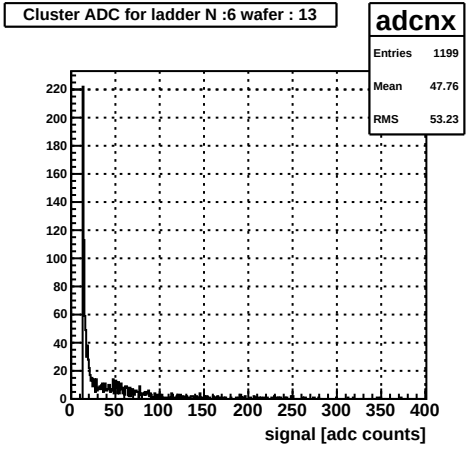

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1983
Mean 62.06
RMS 54.4
signal [adc counts]

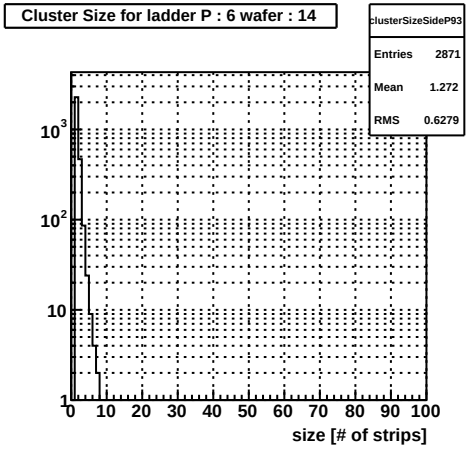

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 373
Mean 1.327
RMS 0.6592
size [# of strips]

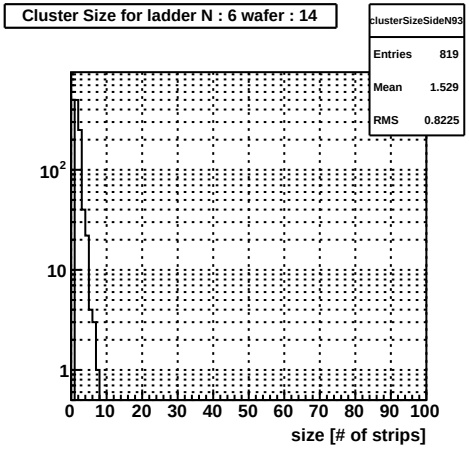

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1199
Mean 1.324
RMS 0.6411
size [# of strips]

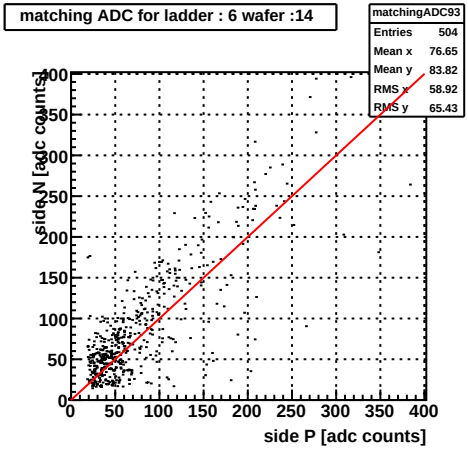

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 117
Mean y 113
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

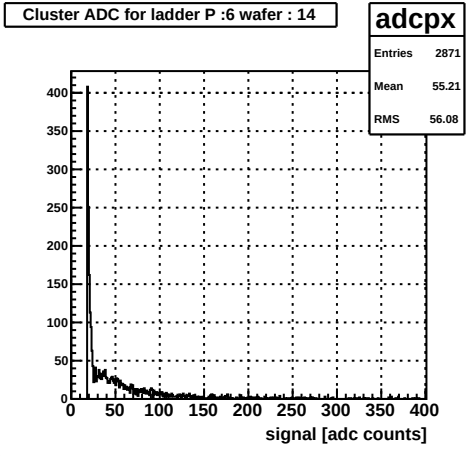

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 373
Mean 75.68
RMS 64.4
signal [adc counts]

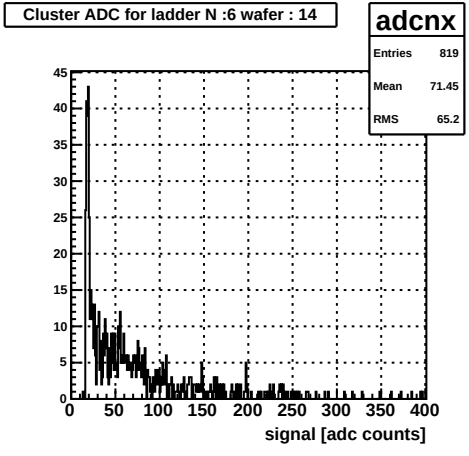

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1199
Mean 47.76
RMS 53.23
signal [adc counts]

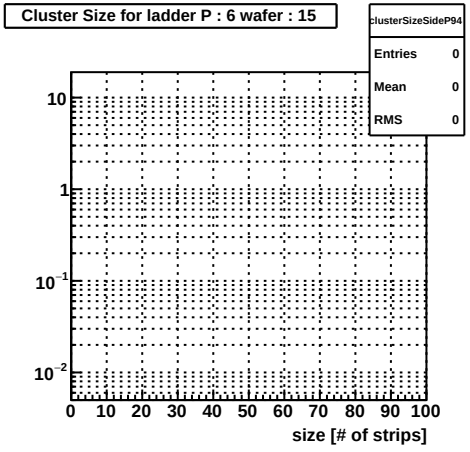

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2871
Mean 1.272
RMS 0.6279
size [# of strips]

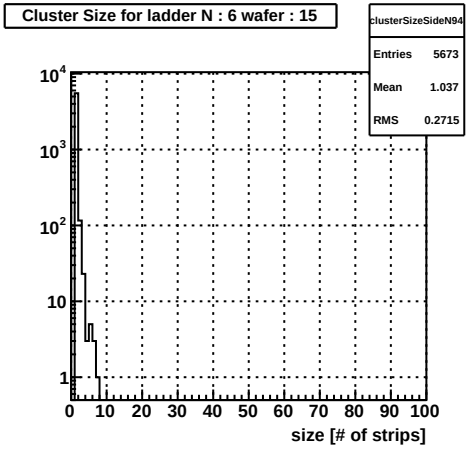

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 819
Mean 1.529
RMS 0.8225
size [# of strips]

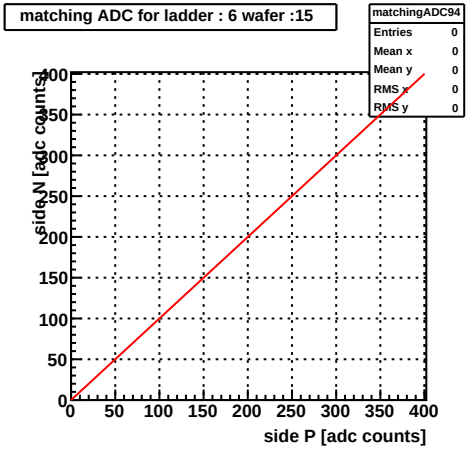

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 504
Mean x 76.65
Mean y 83.82
RMS x 58.92
RMS y 65.43
side N [adc counts]
side P [adc counts]

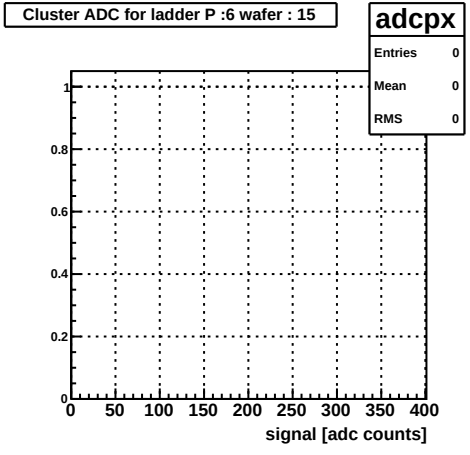

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2871
Mean 55.21
RMS 56.08
signal [adc counts]

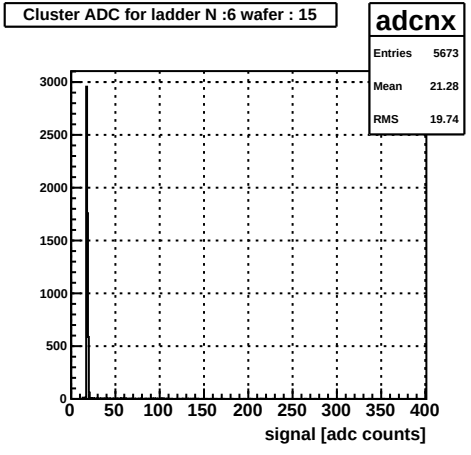

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 819
Mean 71.45
RMS 65.2
signal [adc counts]

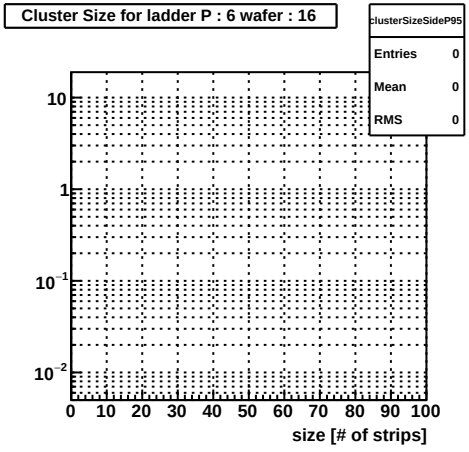

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

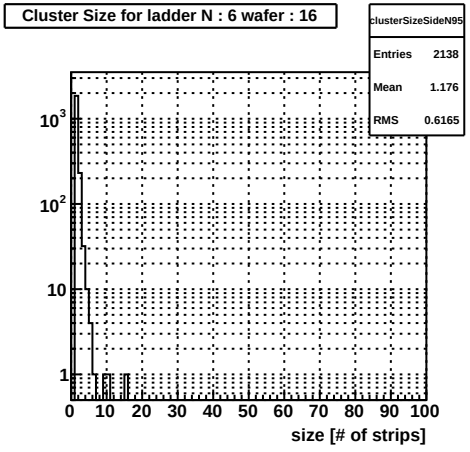

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 5673
Mean 1.037
RMS 0.2715
size [# of strips]

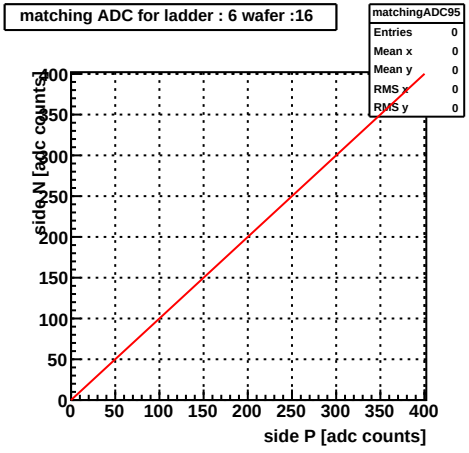

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

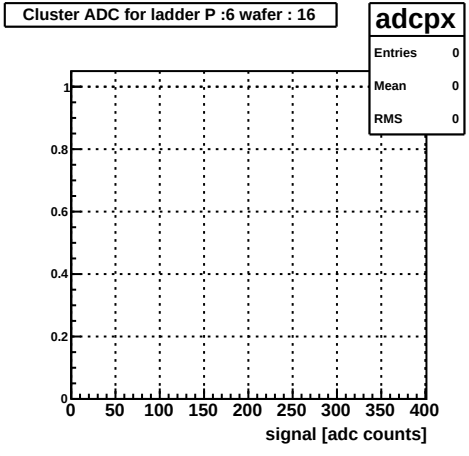

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

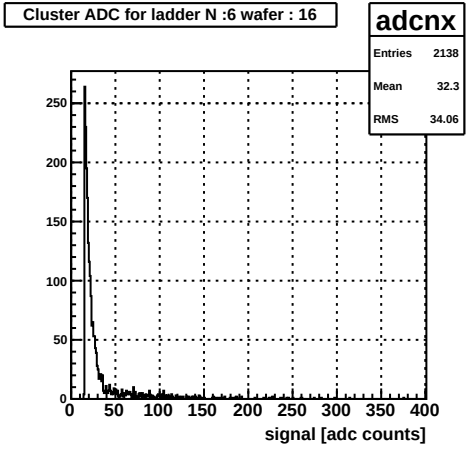

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 5673
Mean 21.28
RMS 19.74
signal [adc counts]

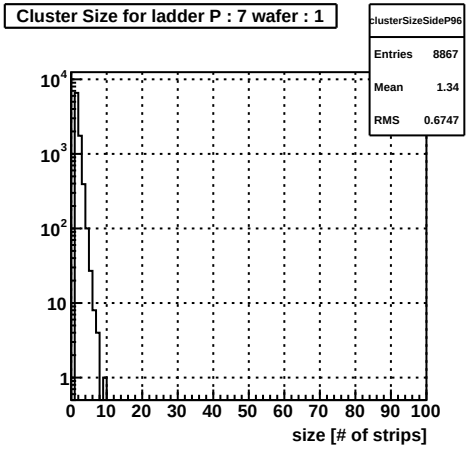

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

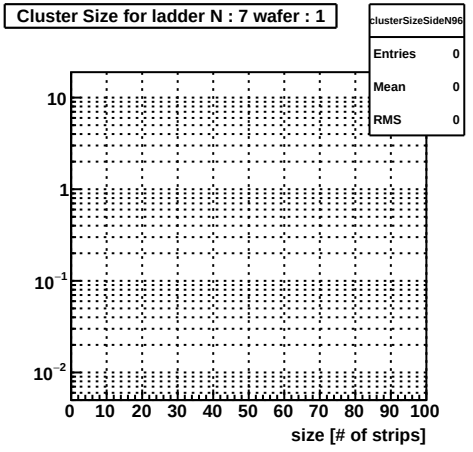

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2138
Mean 1.176
RMS 0.6165
size [# of strips]

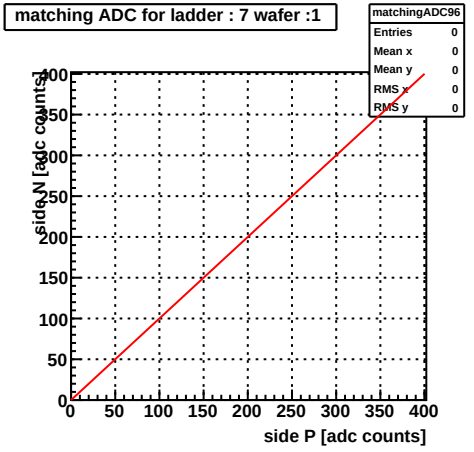

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

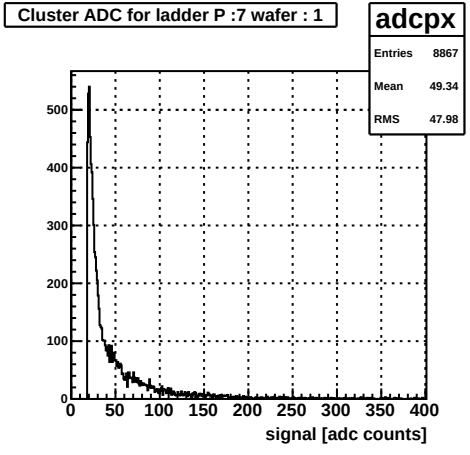

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

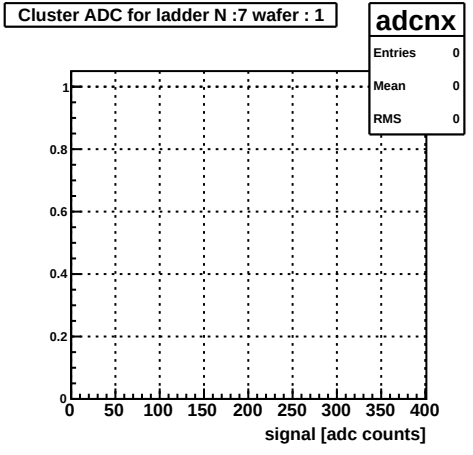

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2138
Mean 32.3
RMS 34.06
signal [adc counts]

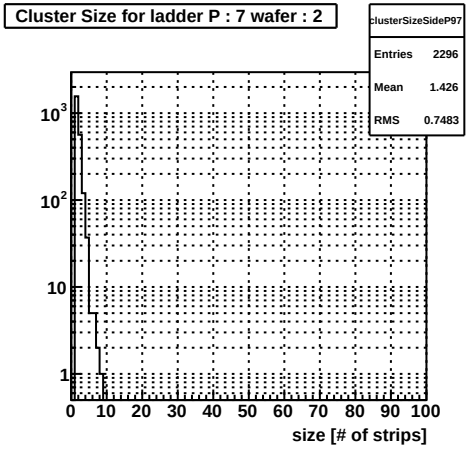

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8867
Mean 1.34
RMS 0.6747
size [# of strips]

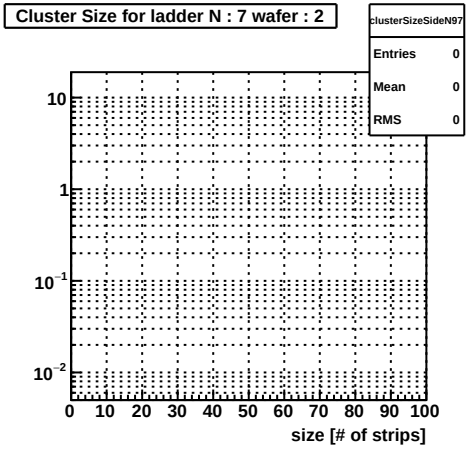

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

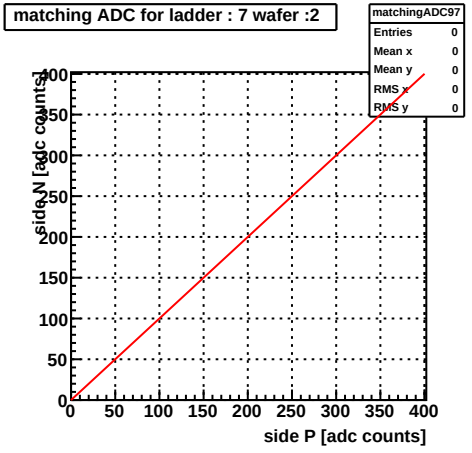

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

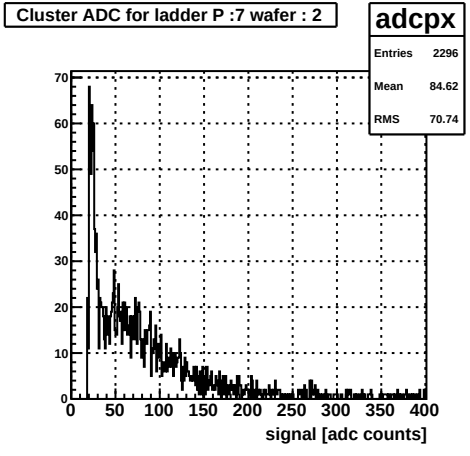

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8867
Mean 49.34
RMS 47.98
signal [adc counts]

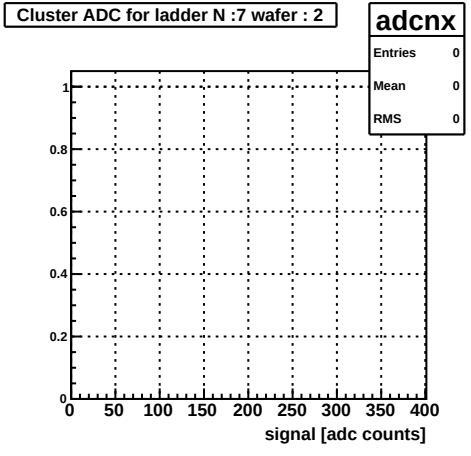

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

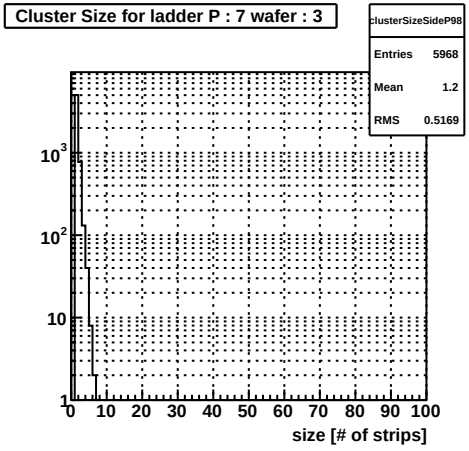

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2296
Mean 1.426
RMS 0.7483
size [# of strips]

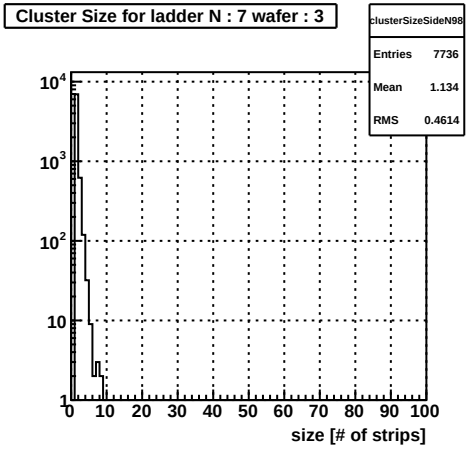

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

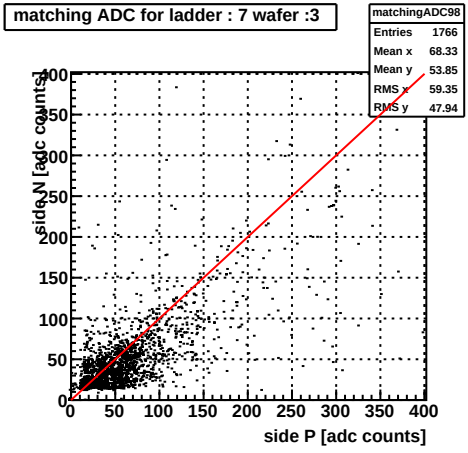

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

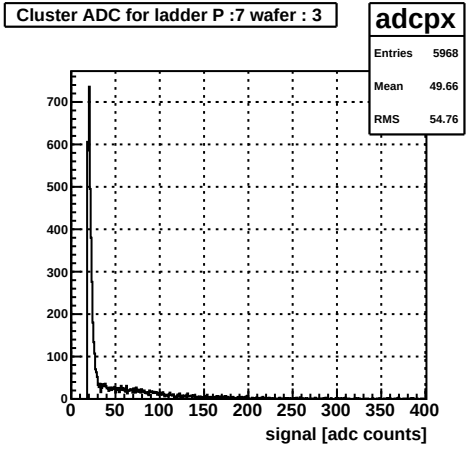

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2296
Mean 84.62
RMS 70.74
signal [adc counts]

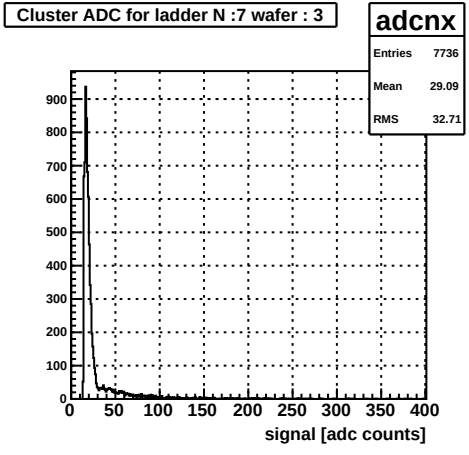

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

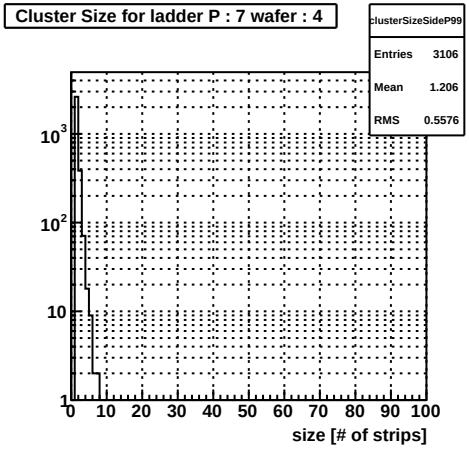

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5968
Mean 1.2
RMS 0.5169
size [# of strips]

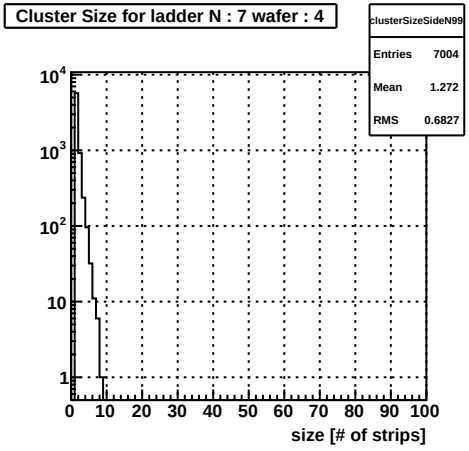

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7736
Mean 1.134
RMS 0.4614
size [# of strips]

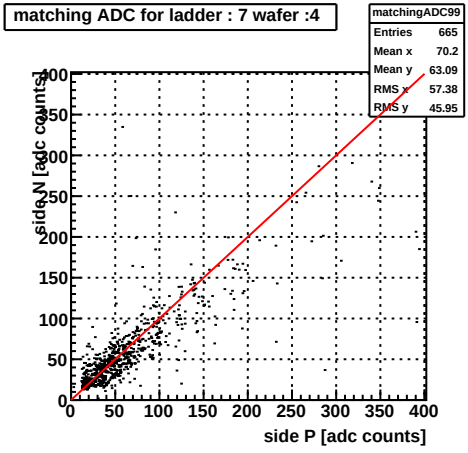

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1766
Mean x 68.33
Mean y 53.85
RMS x 59.35
RMS y 47.94
side N [adc counts]
side P [adc counts]

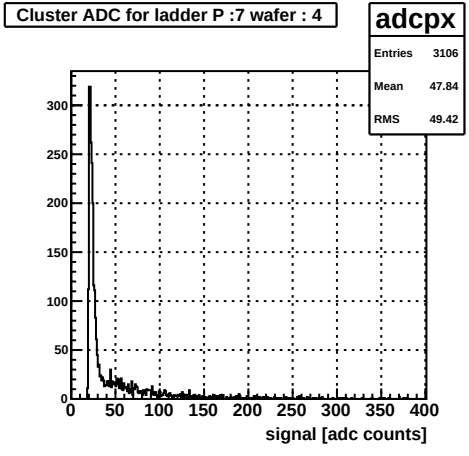

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5968
Mean 49.66
RMS 54.76
signal [adc counts]

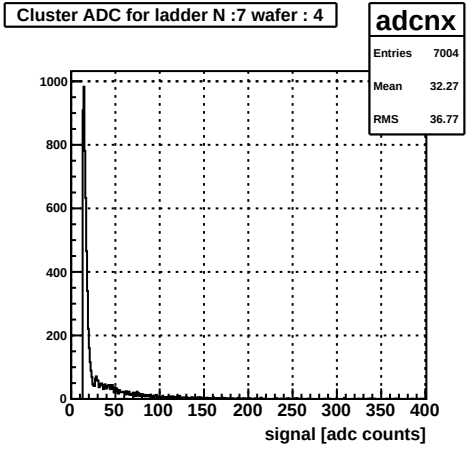

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7736
Mean 29.09
RMS 32.71
signal [adc counts]

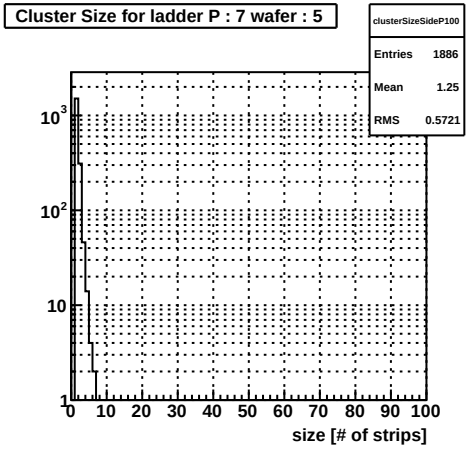

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3106
Mean 1.206
RMS 0.5576
size [# of strips]

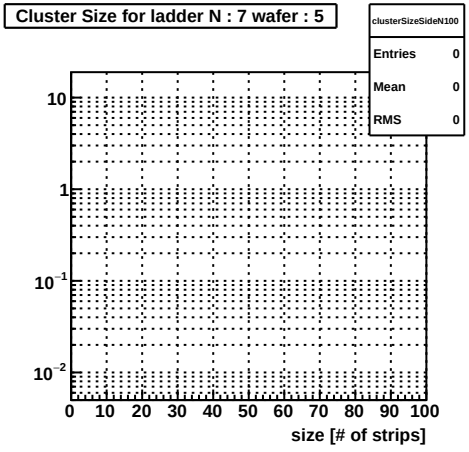

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 7004
Mean 1.272
RMS 0.6827
size [# of strips]

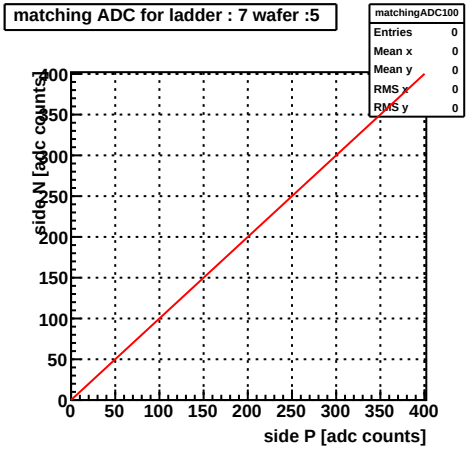

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 665
Mean x 70.2
Mean y 63.09
RMS x 57.38
RMS y 45.95
side N [adc counts]
side P [adc counts]

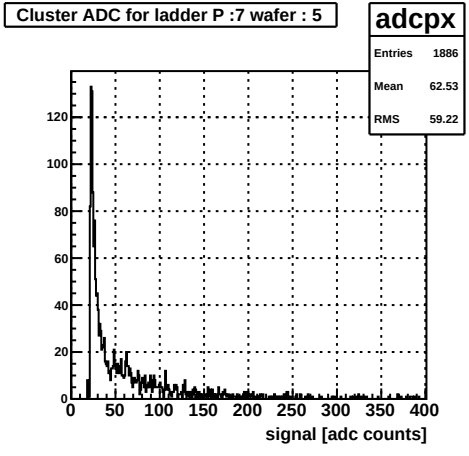

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3106
Mean 47.84
RMS 49.42
signal [adc counts]

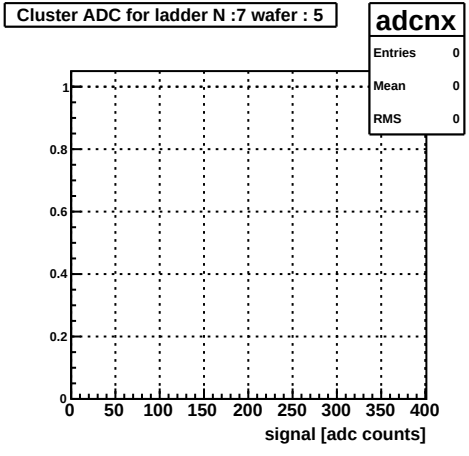

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 7004
Mean 32.27
RMS 36.77
signal [adc counts]

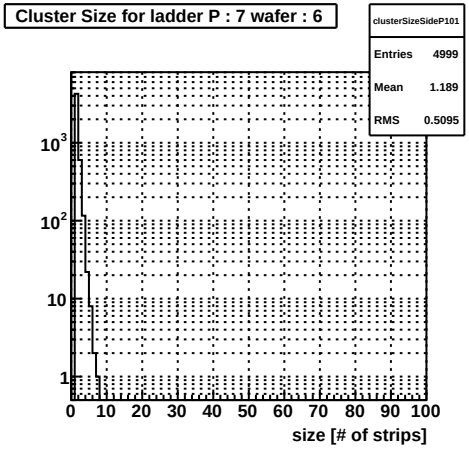

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1886
Mean 1.25
RMS 0.5721
size [# of strips]

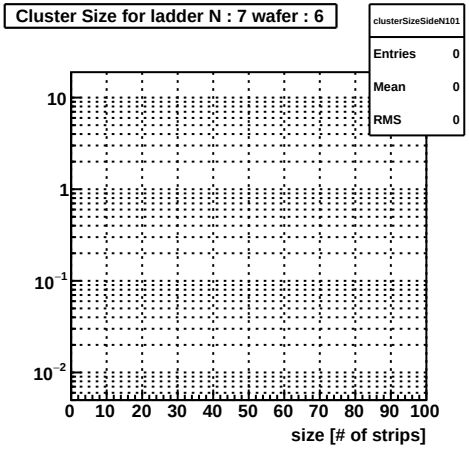

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

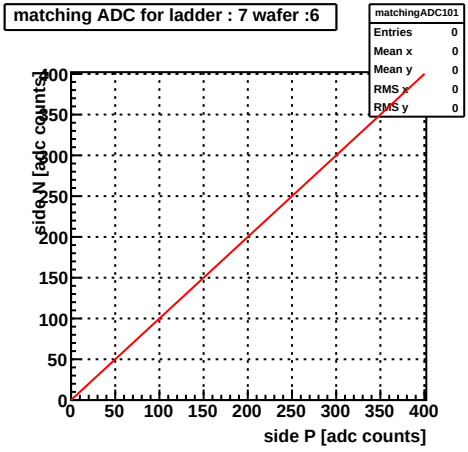

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

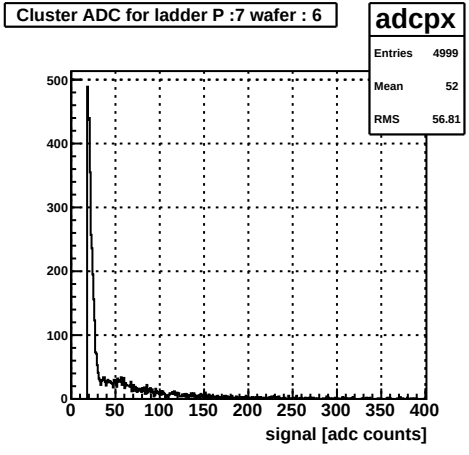

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1886
Mean 62.53
RMS 59.22
signal [adc counts]

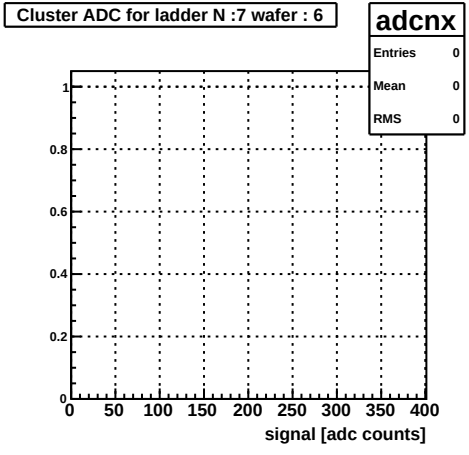

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

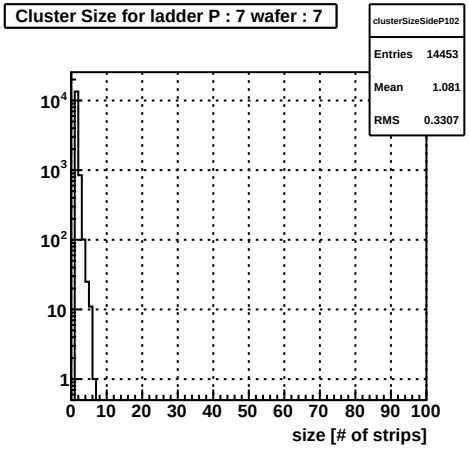

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4999
Mean 1.189
RMS 0.5095
size [# of strips]

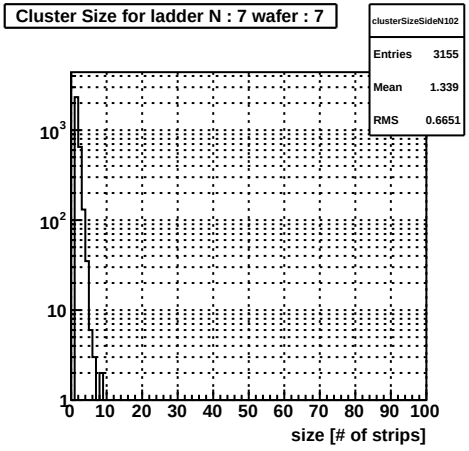

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

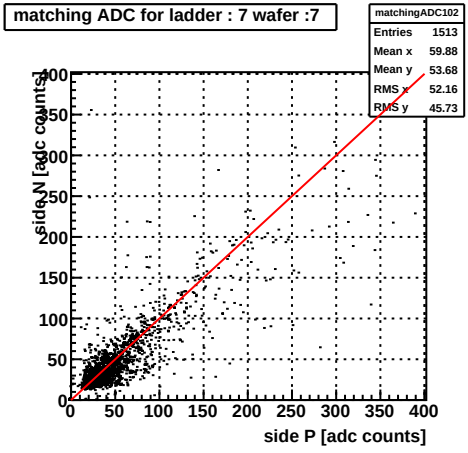

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

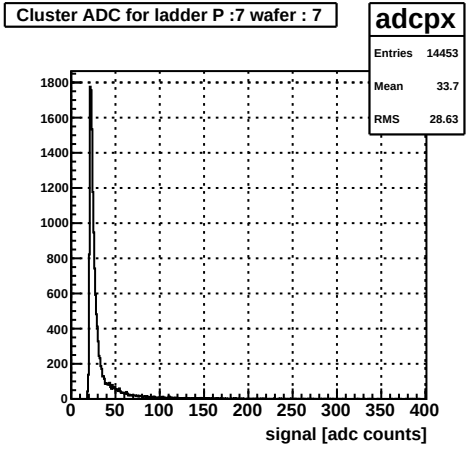

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4999
Mean 52
RMS 56.81
signal [adc counts]

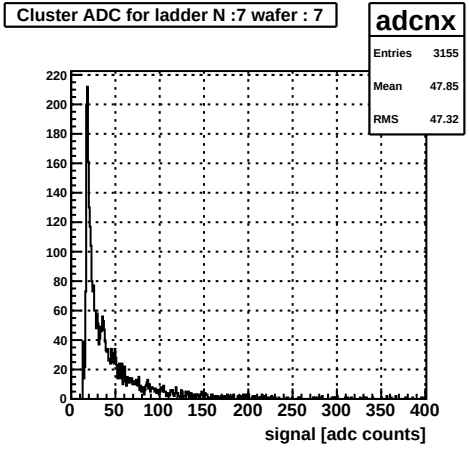

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

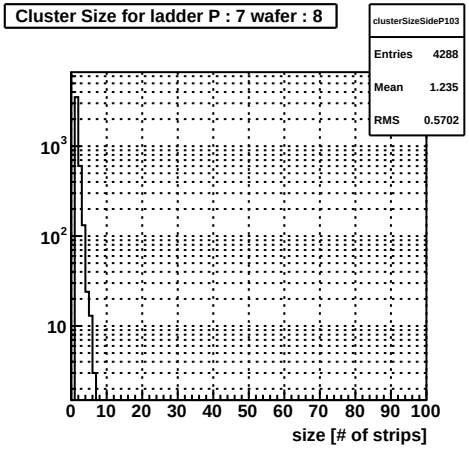

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14453
Mean 1.081
RMS 0.3307
size [# of strips]

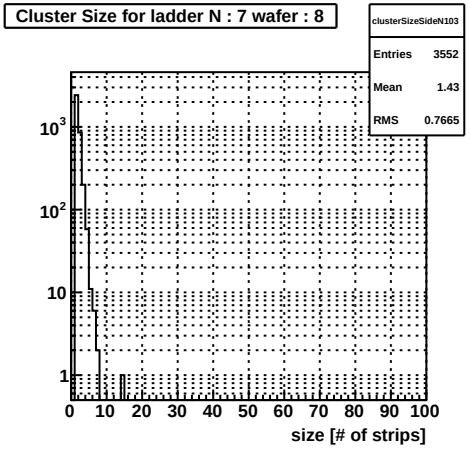

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3155
Mean 1.339
RMS 0.6651
size [# of strips]

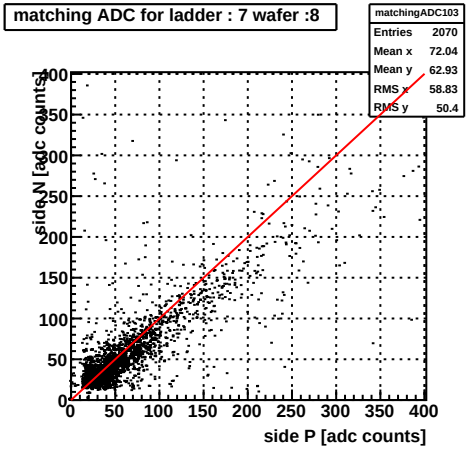

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1513
Mean x 59.88
Mean y 53.68
RMS x 52.16
RMS y 45.73
side N [adc counts]
side P [adc counts]

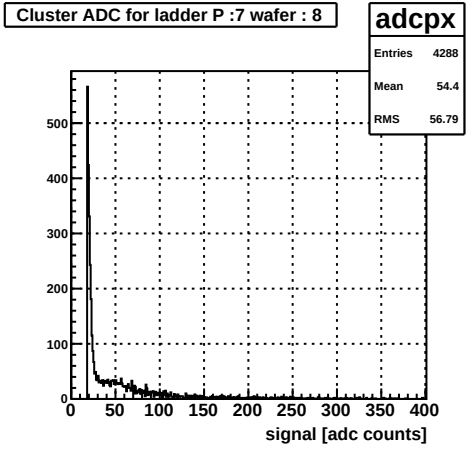

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14453
Mean 33.7
RMS 28.63
signal [adc counts]

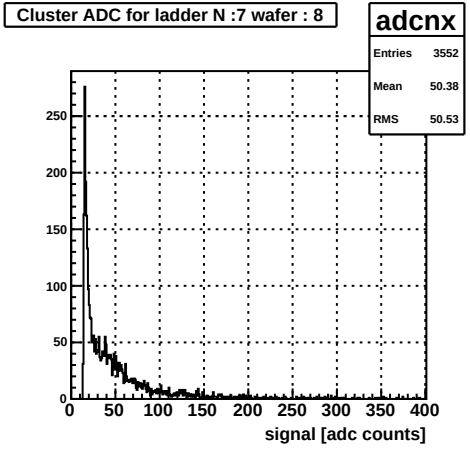

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3155
Mean 47.85
RMS 47.32
signal [adc counts]

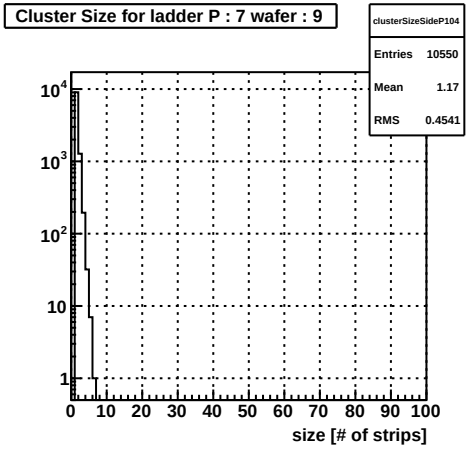

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4288
Mean 1.235
RMS 0.5702
size [# of strips]

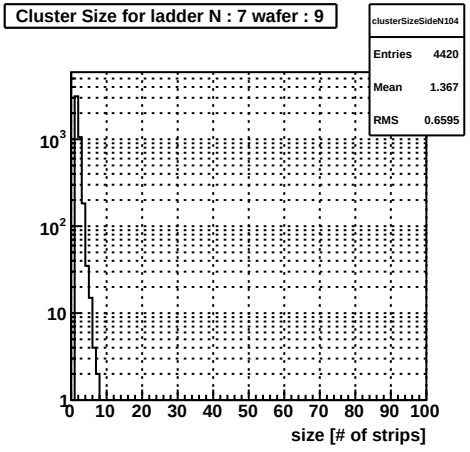

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3552
Mean 1.43
RMS 0.7665
size [# of strips]

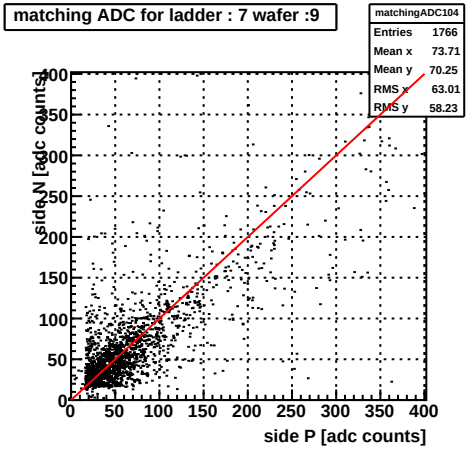

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2070
Mean x 72.04
Mean y 62.93
RMS x 58.83
RMS y 50.4
side N [adc counts]
side P [adc counts]

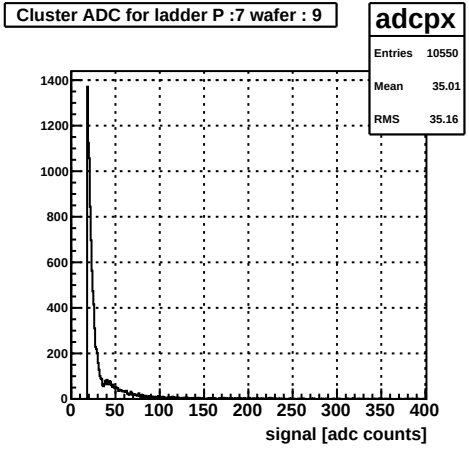

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4288
Mean 54.4
RMS 56.79
signal [adc counts]

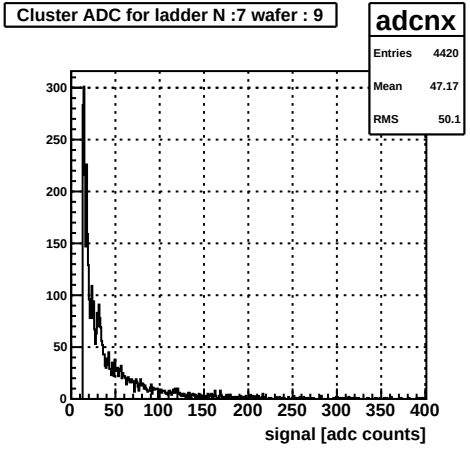

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3552
Mean 50.38
RMS 50.53
signal [adc counts]

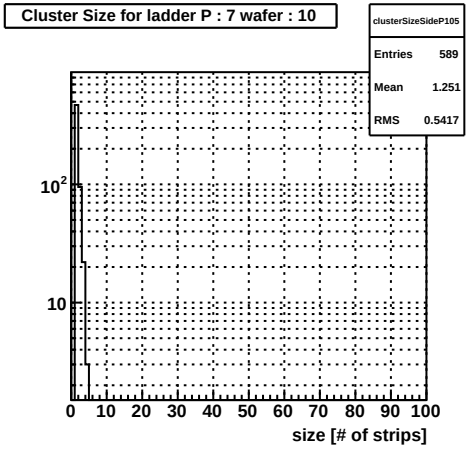

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10550
Mean 1.17
RMS 0.4541
size [# of strips]

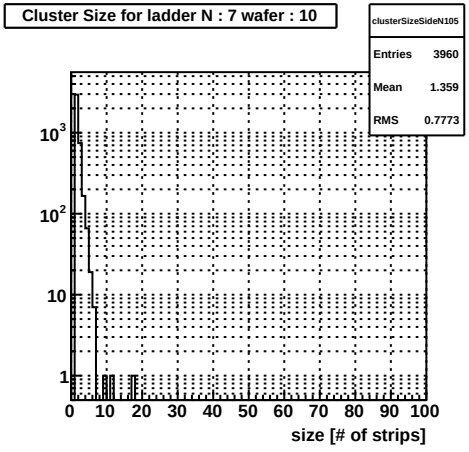

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4420
Mean 1.367
RMS 0.6595
size [# of strips]

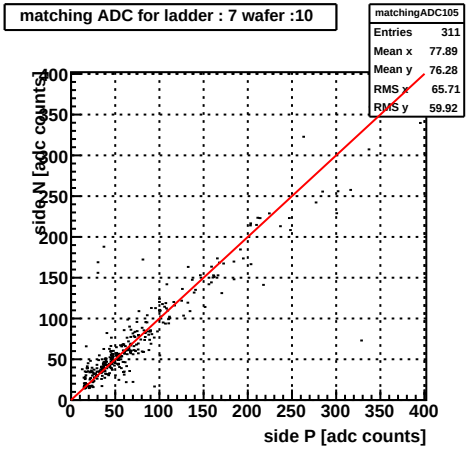

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1766
Mean x 73.71
Mean y 70.25
RMS x 63.01
RMS y 58.23
side N [adc counts]
side P [adc counts]

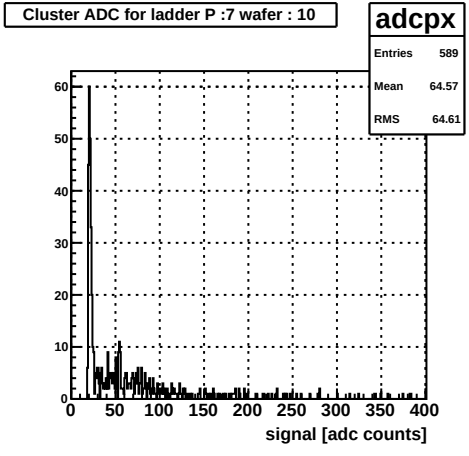

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10550
Mean 35.01
RMS 35.16
signal [adc counts]

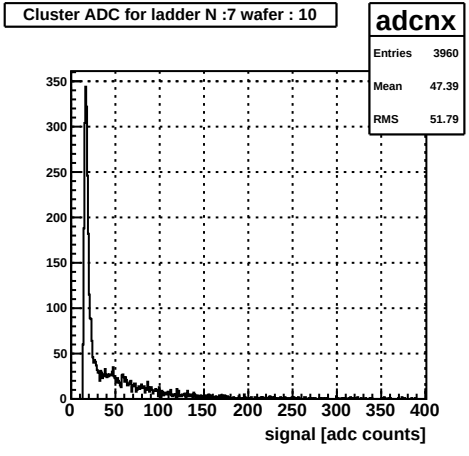

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4420
Mean 47.17
RMS 50.1
signal [adc counts]

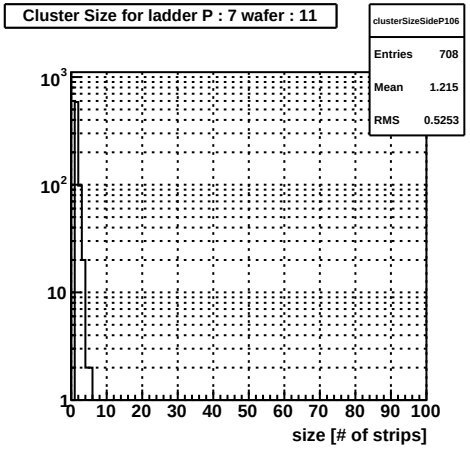

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 589
Mean 1.251
RMS 0.5417
size [# of strips]

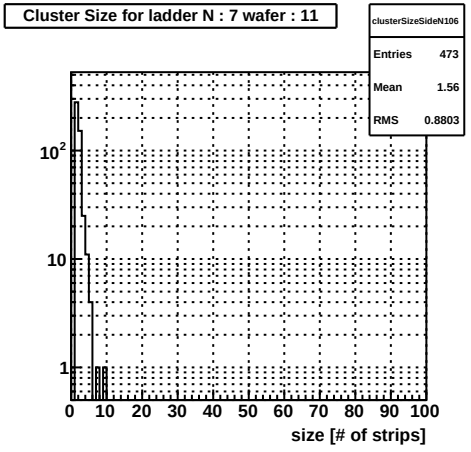

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3960
Mean 1.359
RMS 0.7773
size [# of strips]

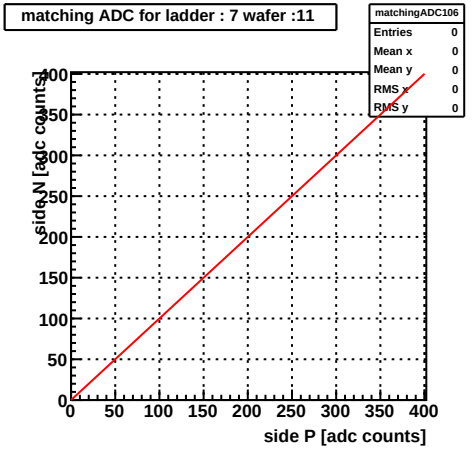

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 311
Mean x 77.89
Mean y 76.28
RMS x 65.71
RMS y 59.92
side N [adc counts]
side P [adc counts]

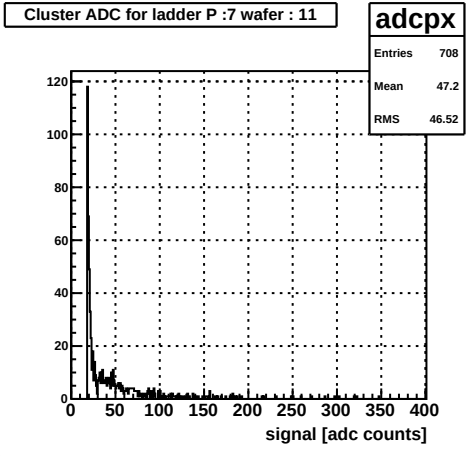

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 589
Mean 64.57
RMS 64.61
signal [adc counts]

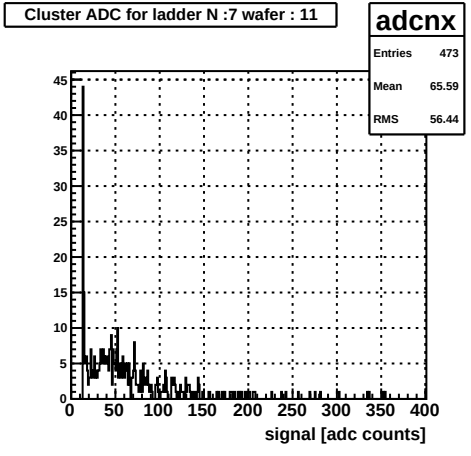

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3960
Mean 47.39
RMS 51.79
signal [adc counts]

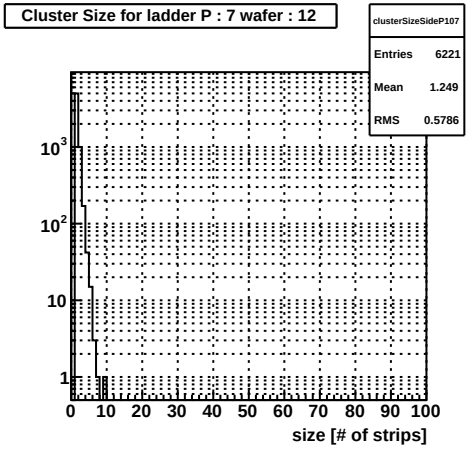

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 708
Mean 1.215
RMS 0.5253
size [# of strips]

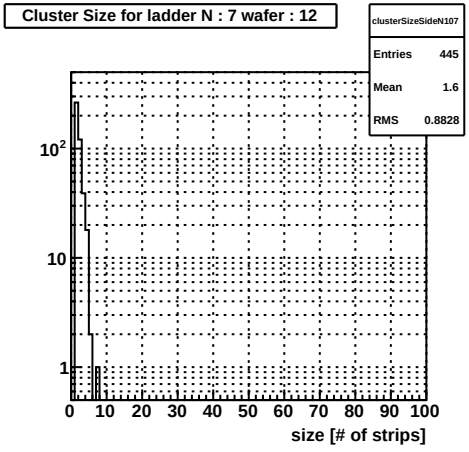

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 473
Mean 1.56
RMS 0.8803
size [# of strips]

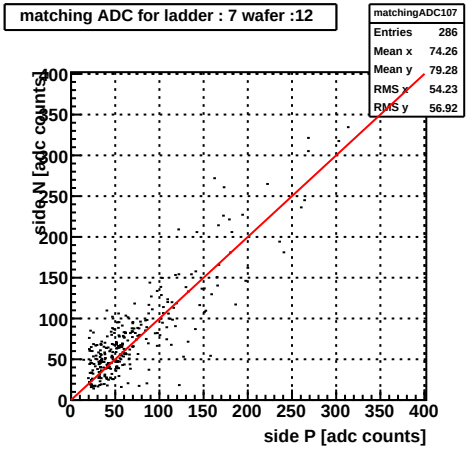

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

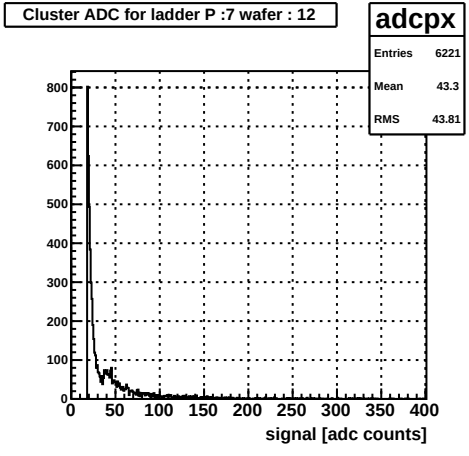

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 708
Mean 47.2
RMS 46.52
signal [adc counts]

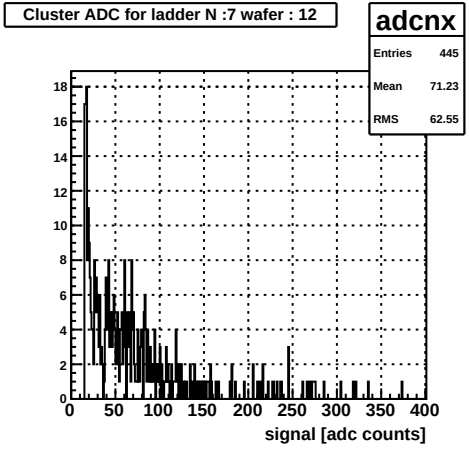

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 473
Mean 65.59
RMS 56.44
signal [adc counts]

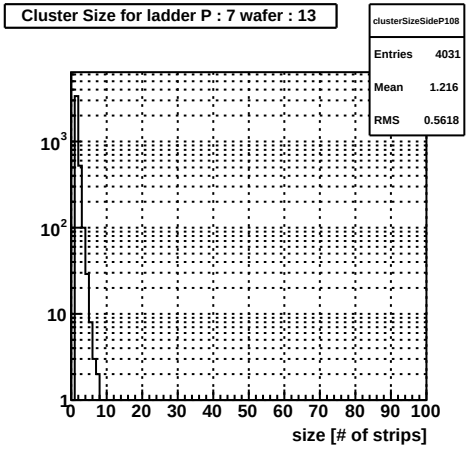

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 6221
Mean 1.249
RMS 0.5786
size [# of strips]

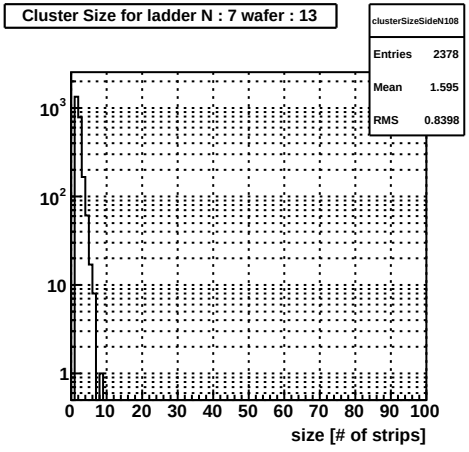

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 445
Mean 1.6
RMS 0.8828
size [# of strips]

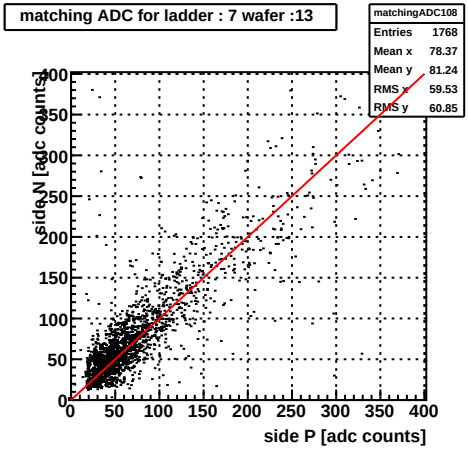

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 286
Mean x 74.26
Mean y 79.28
RMS x 54.23
RMS y 56.92
side N [adc counts]
side P [adc counts]

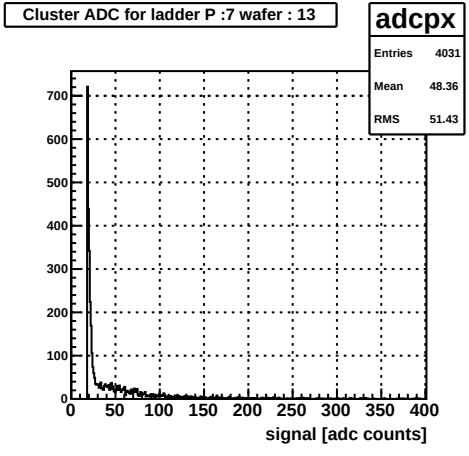

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 6221
Mean 43.3
RMS 43.81
signal [adc counts]

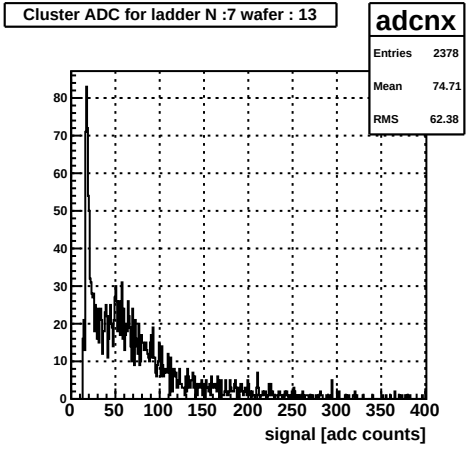

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 445
Mean 71.23
RMS 62.55
signal [adc counts]

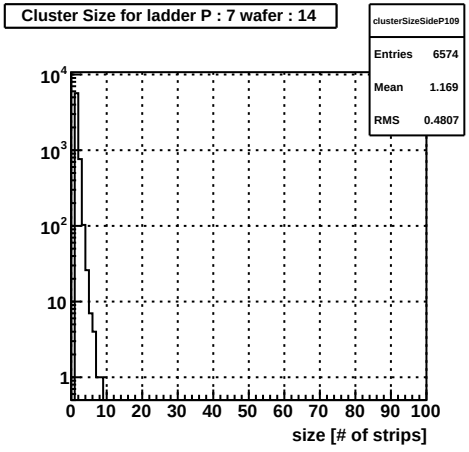

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 4031
Mean 1.216
RMS 0.5618
size [# of strips]

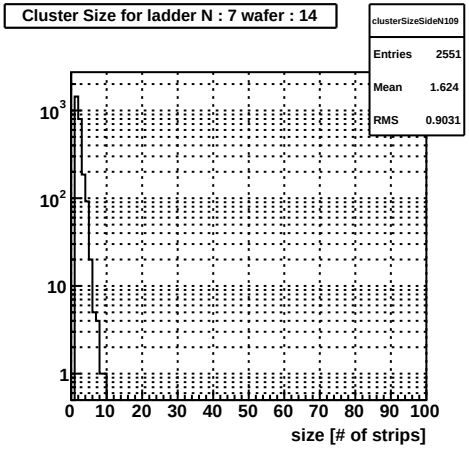

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2378
Mean 1.595
RMS 0.8398
size [# of strips]

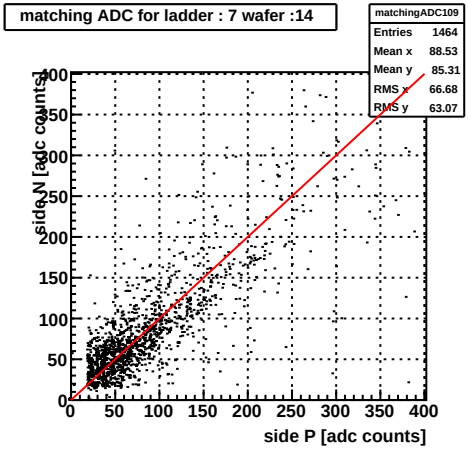

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1768
Mean x 78.37
Mean y 81.24
RMS x 59.53
RMS y 60.85
side N [adc counts]
side P [adc counts]

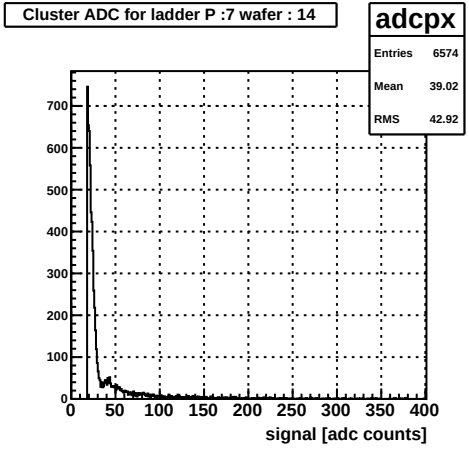

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 4031
Mean 48.36
RMS 51.43
signal [adc counts]

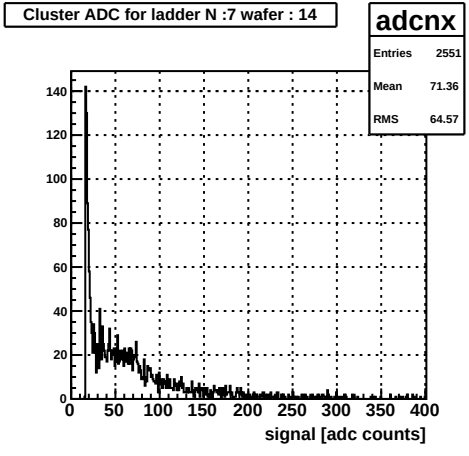

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2378
Mean 74.71
RMS 62.38
signal [adc counts]

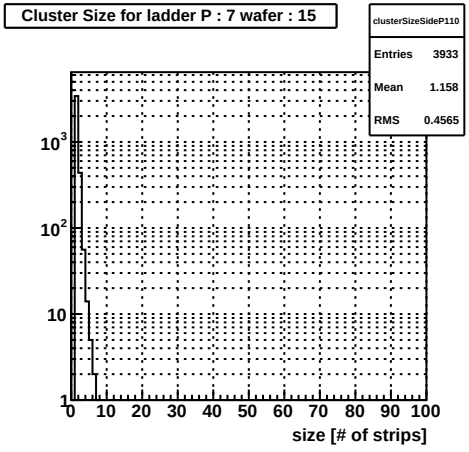

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 6574
Mean 1.169
RMS 0.4807
size [# of strips]

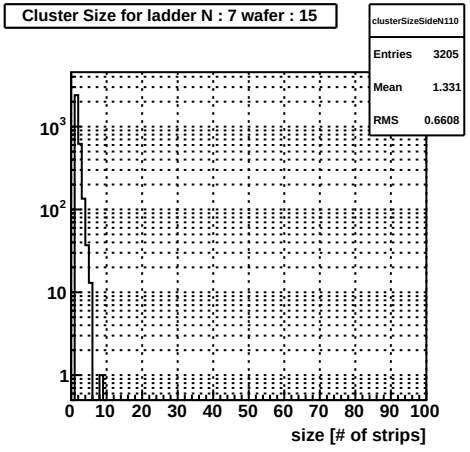

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2551
Mean 1.624
RMS 0.9031
size [# of strips]

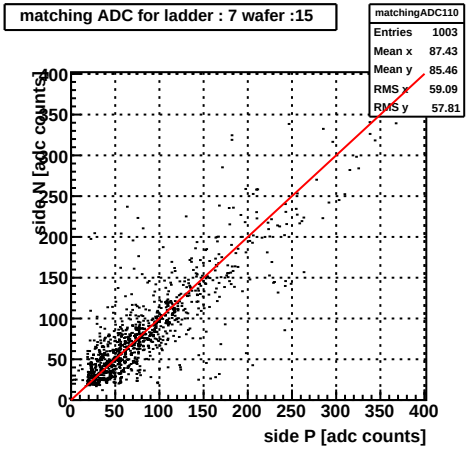

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1464
Mean x 88.53
Mean y 85.31
RMS x 66.68
RMS y 63.07
side N [adc counts]
side P [adc counts]

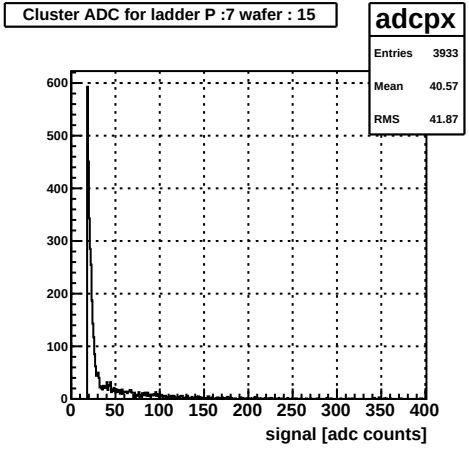

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 6574
Mean 39.02
RMS 42.92
signal [adc counts]

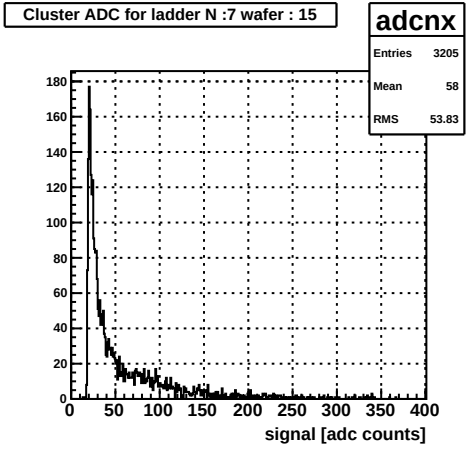

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2551
Mean 71.36
RMS 64.57
signal [adc counts]

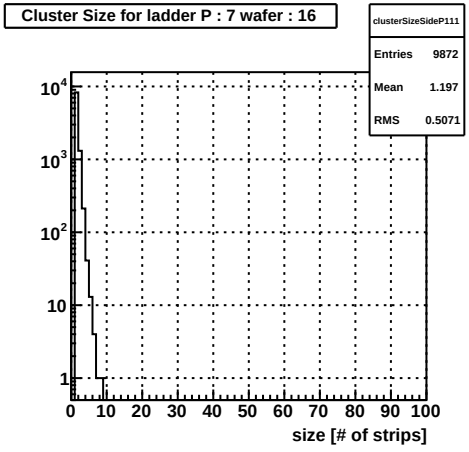

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3933
Mean 1.158
RMS 0.4565
size [# of strips]

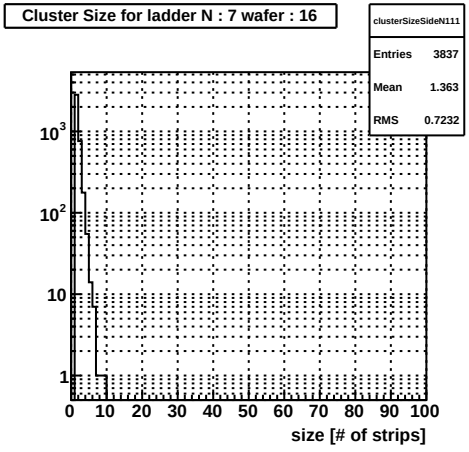

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3205
Mean 1.331
RMS 0.6608
size [# of strips]

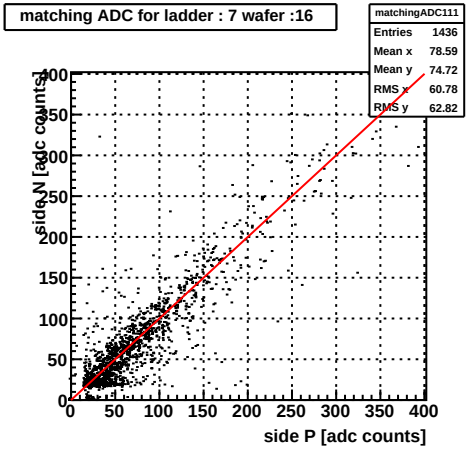

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 1003
Mean x 87.43
Mean y 85.46
RMS x 59.09
RMS y 57.81
side N [adc counts]
side P [adc counts]

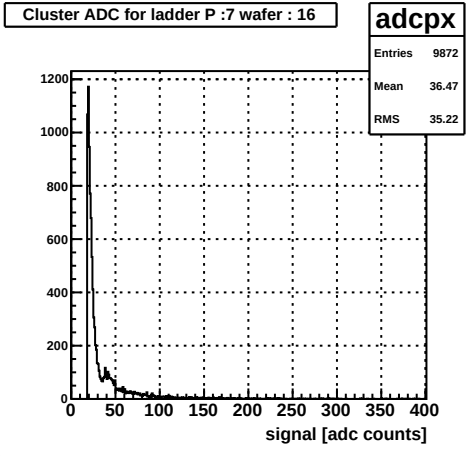

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3933
Mean 40.57
RMS 41.87
signal [adc counts]

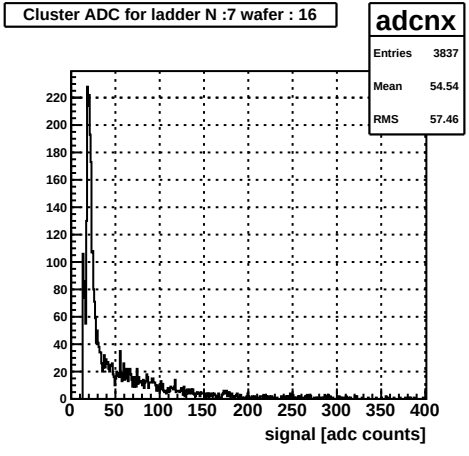

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3205
Mean 58
RMS 53.83
signal [adc counts]

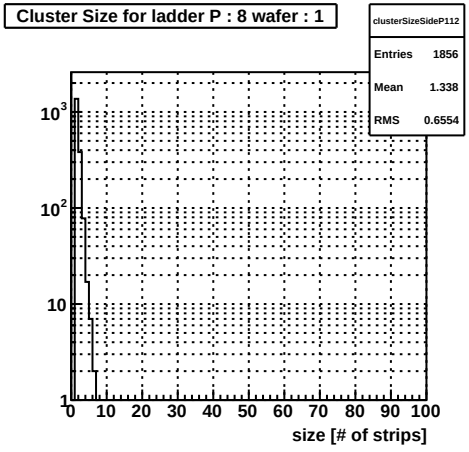

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9872
Mean 1.197
RMS 0.5071
size [# of strips]

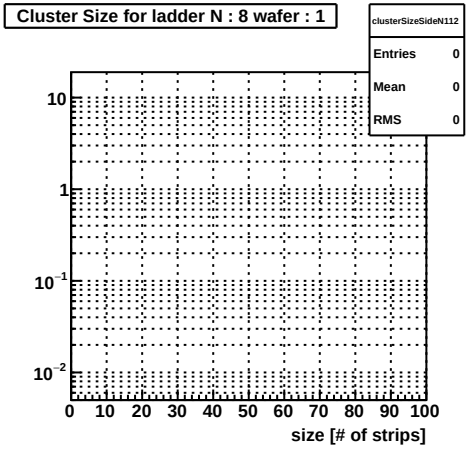

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3837
Mean 1.363
RMS 0.7232
size [# of strips]

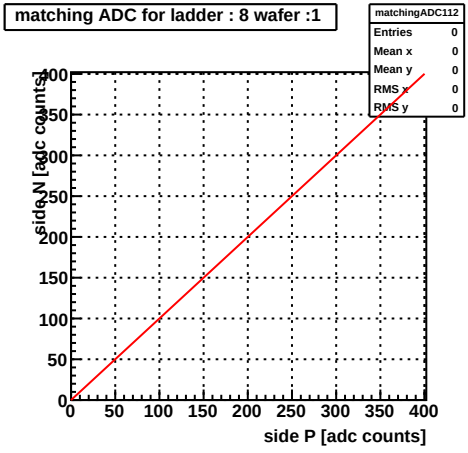

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1436
Mean x 78.59
Mean y 74.72
RMS x 60.78
RMS y 62.82
side N [adc counts]
side P [adc counts]

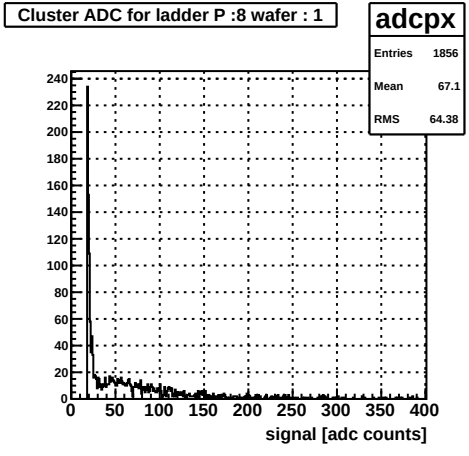

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9872
Mean 36.47
RMS 35.22
signal [adc counts]

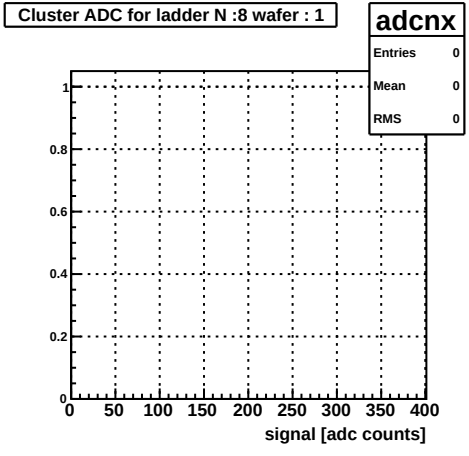

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3837
Mean 54.54
RMS 57.46
signal [adc counts]

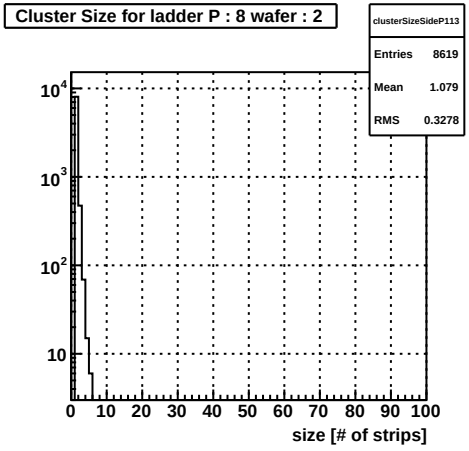

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1856
Mean 1.338
RMS 0.6554
size [# of strips]

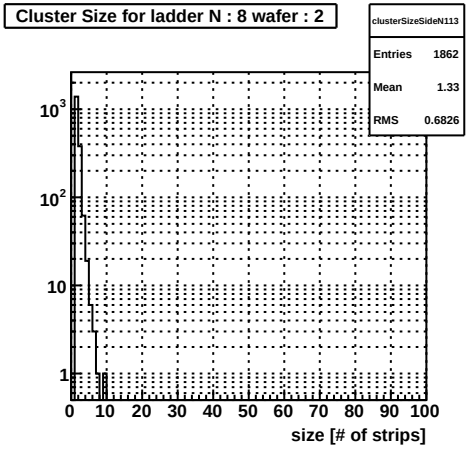

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

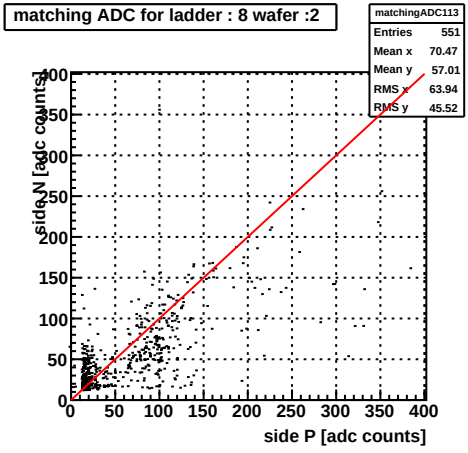

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

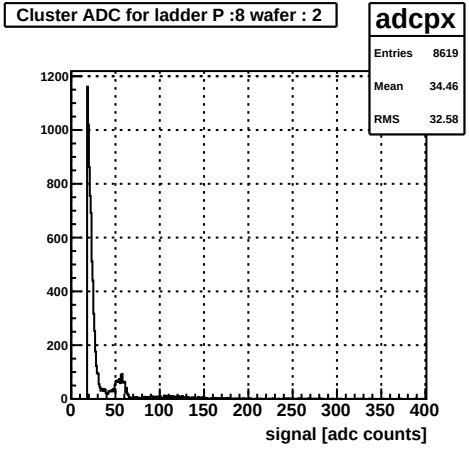

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1856
Mean 67.1
RMS 64.38
signal [adc counts]

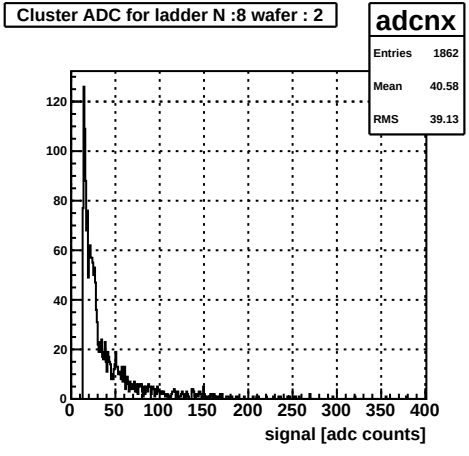

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

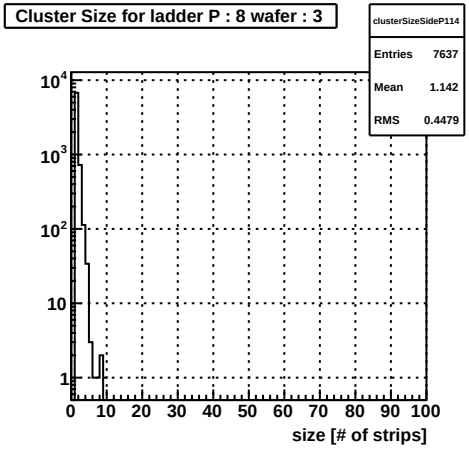

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8619
Mean 1.079
RMS 0.3278
size [# of strips]

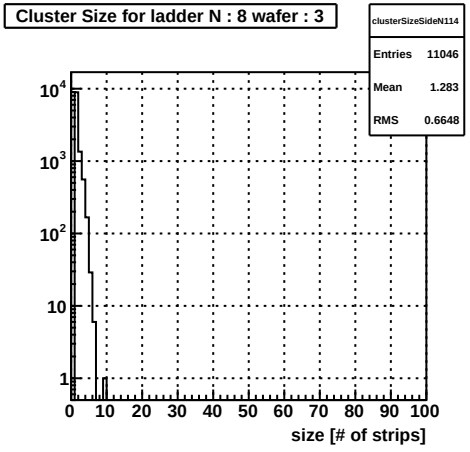

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1862
Mean 1.33
RMS 0.6826
size [# of strips]

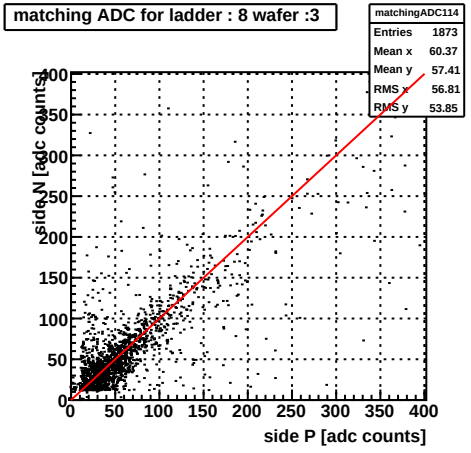

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 551
Mean x 70.47
Mean y 57.01
RMS x 63.94
RMS y 45.52
side N [adc counts]
side P [adc counts]

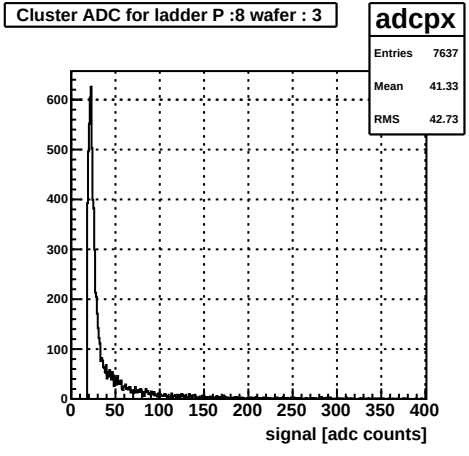

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8619
Mean 34.46
RMS 32.58
signal [adc counts]

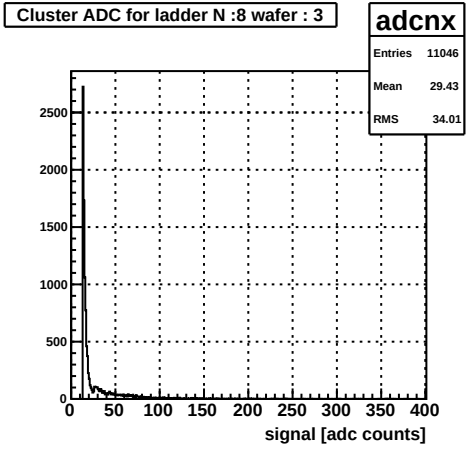

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1862
Mean 40.58
RMS 39.13
signal [adc counts]

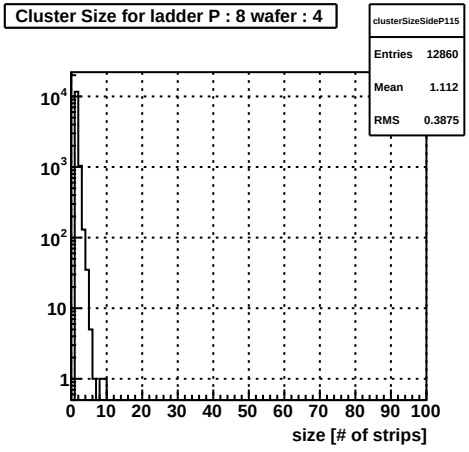

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7637
Mean 1.142
RMS 0.4479
size [# of strips]

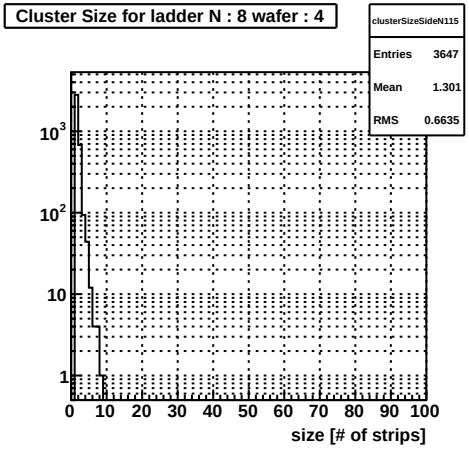

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11046
Mean 1.283
RMS 0.6648
size [# of strips]

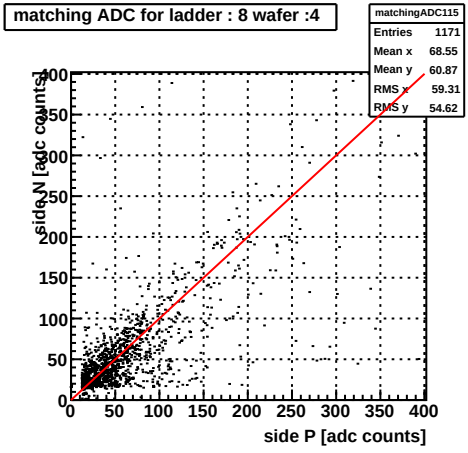

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1873
Mean x 60.37
Mean y 57.41
RMS x 56.81
RMS y 53.85
side N [adc counts]
side P [adc counts]

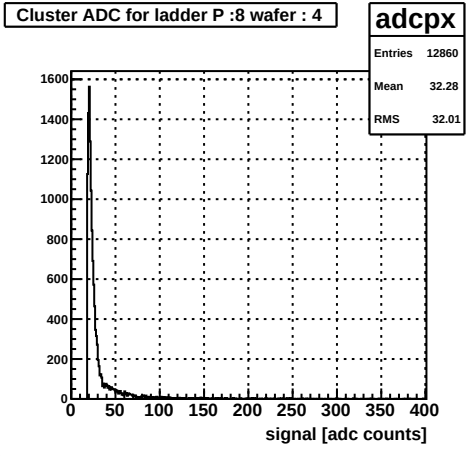

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7637
Mean 41.33
RMS 42.73
signal [adc counts]

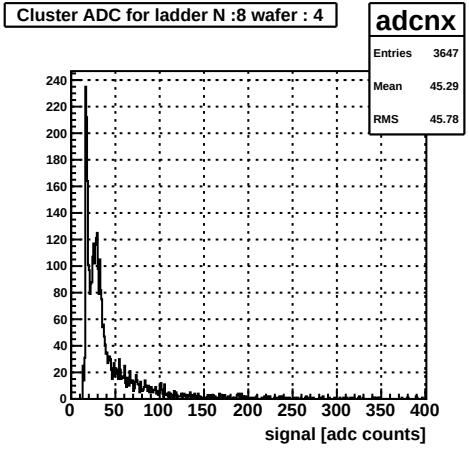

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11046
Mean 29.43
RMS 34.01
signal [adc counts]

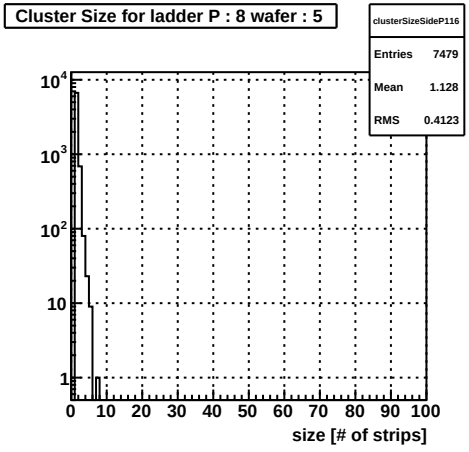

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12860
Mean 1.112
RMS 0.3875
size [# of strips]

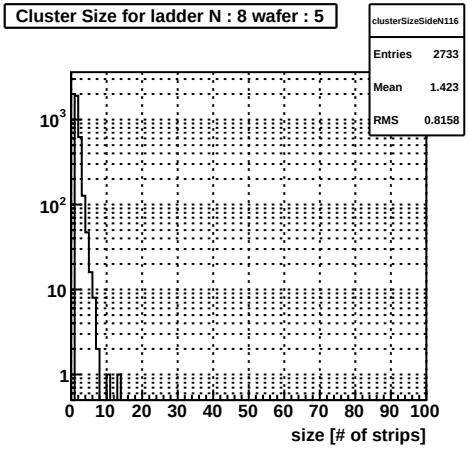

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3647
Mean 1.301
RMS 0.6635
size [# of strips]

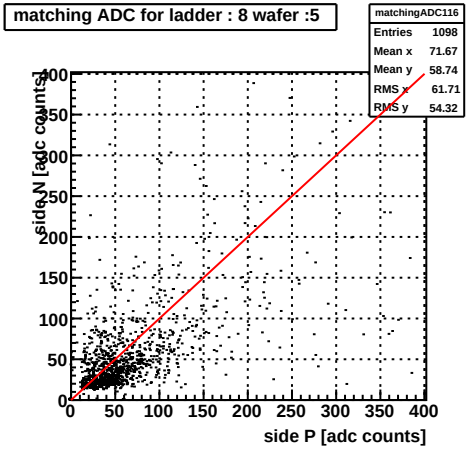

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1171
Mean x 68.55
Mean y 60.87
RMS x 59.31
RMS y 54.62
side N [adc counts]
side P [adc counts]

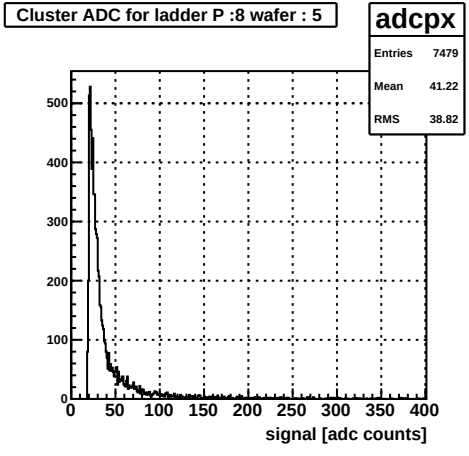

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12860
Mean 32.28
RMS 32.01
signal [adc counts]

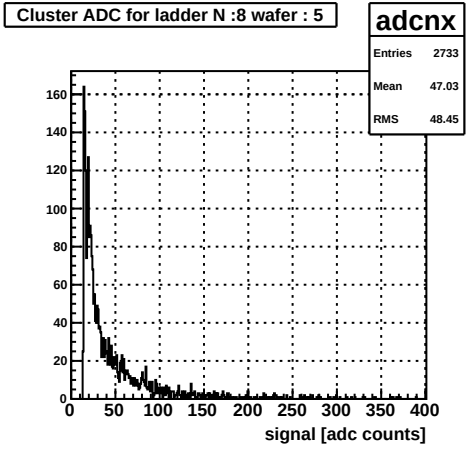

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3647
Mean 45.29
RMS 45.78
signal [adc counts]

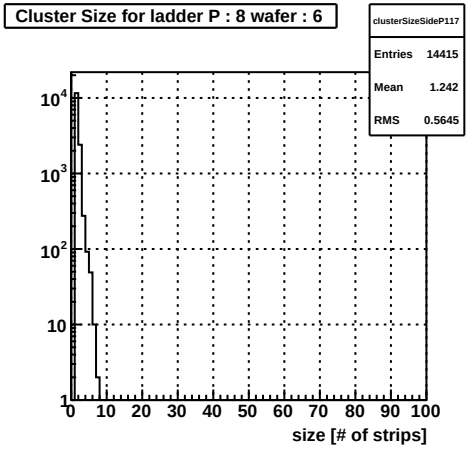

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7479
Mean 1.128
RMS 0.4123
size [# of strips]

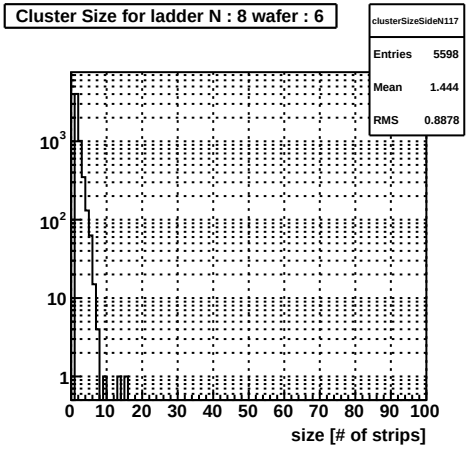

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2733
Mean 1.423
RMS 0.8158
size [# of strips]

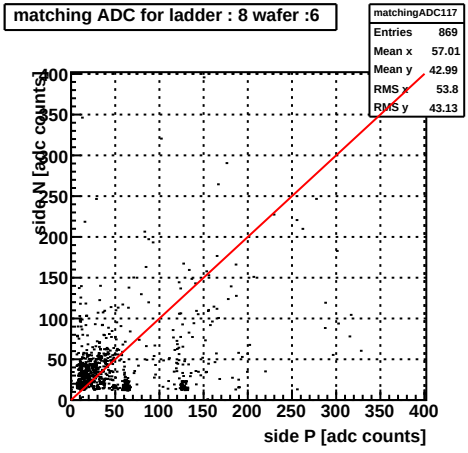

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1098
Mean x 71.67
Mean y 58.74
RMS x 61.71
RMS y 54.32
side N [adc counts]
side P [adc counts]

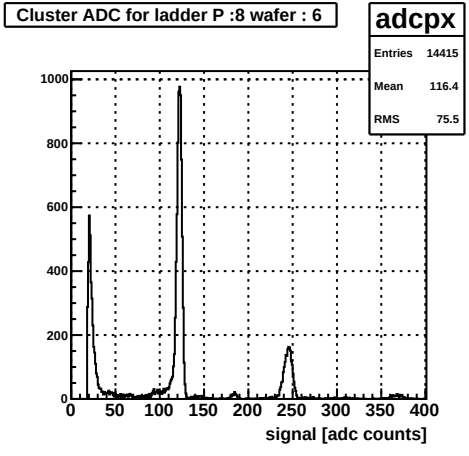

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7479
Mean 41.22
RMS 38.82
signal [adc counts]

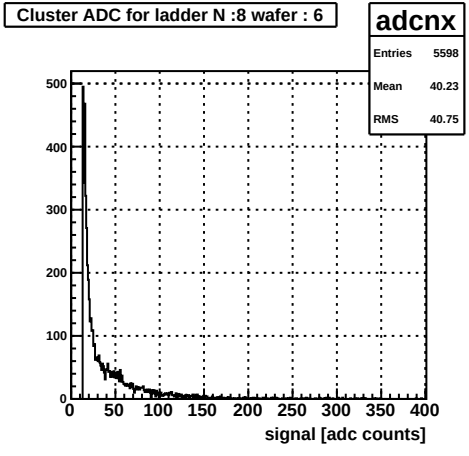

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2733
Mean 47.03
RMS 48.45
signal [adc counts]

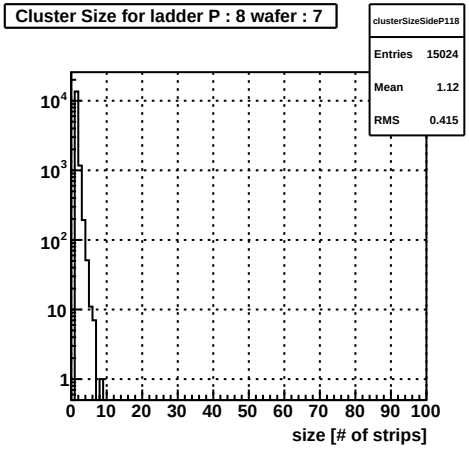

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14415
Mean 1.242
RMS 0.5645
size [# of strips]

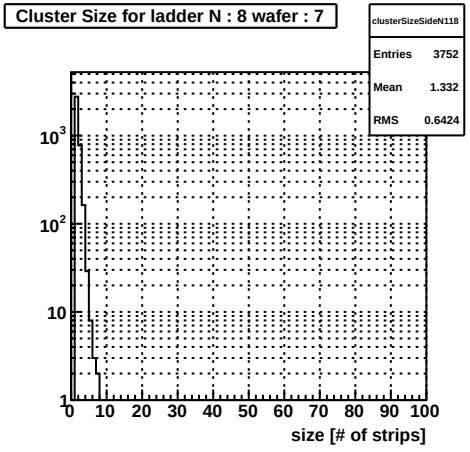

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5598
Mean 1.444
RMS 0.8878
size [# of strips]

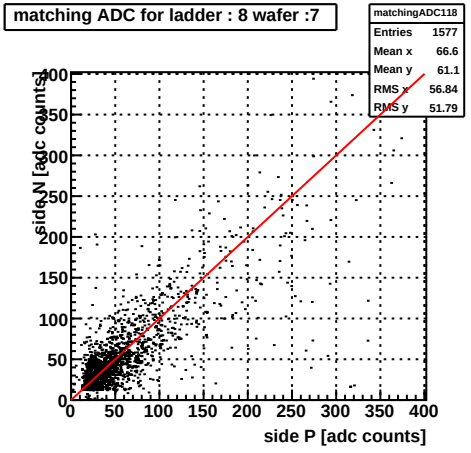

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 869
Mean x 57.01
Mean y 42.99
RMS x 53.8
RMS y 43.13
side N [adc counts]
side P [adc counts]

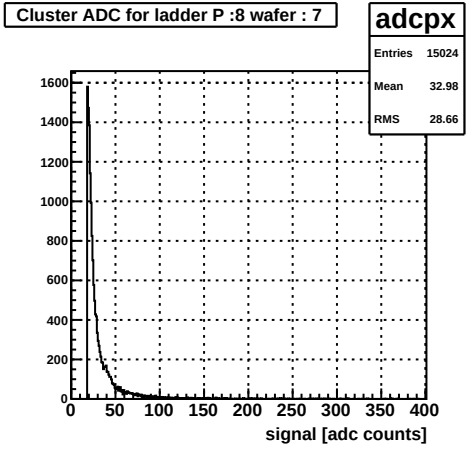

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14415
Mean 116.4
RMS 75.5
signal [adc counts]

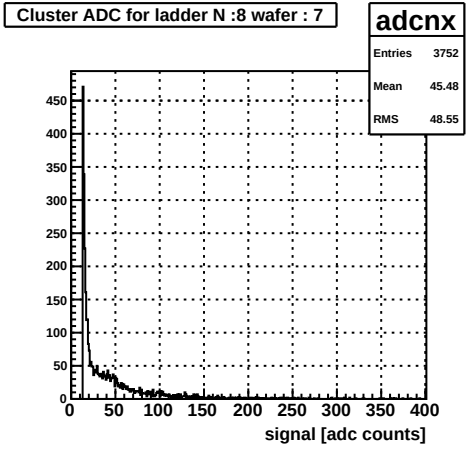

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5598
Mean 40.23
RMS 40.75
signal [adc counts]

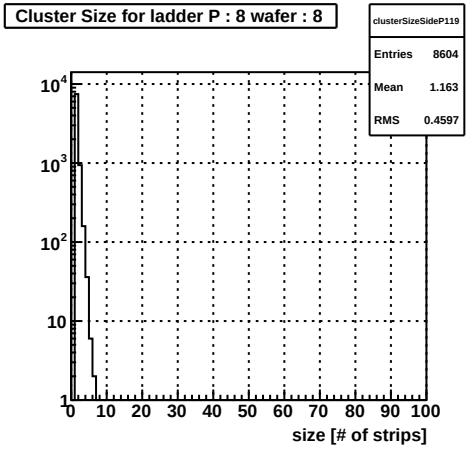

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15024
Mean 1.12
RMS 0.415
size [# of strips]

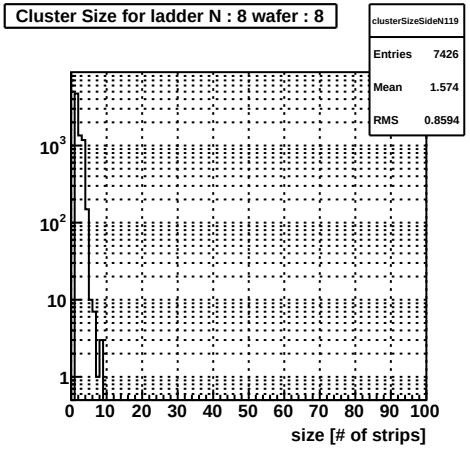

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3752
Mean 1.332
RMS 0.6424
size [# of strips]

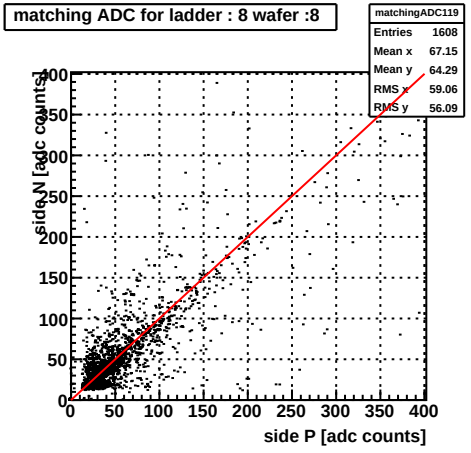

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1577
Mean x 66.6
Mean y 61.1
RMS x 56.84
RMS y 51.79
side N [adc counts]
side P [adc counts]

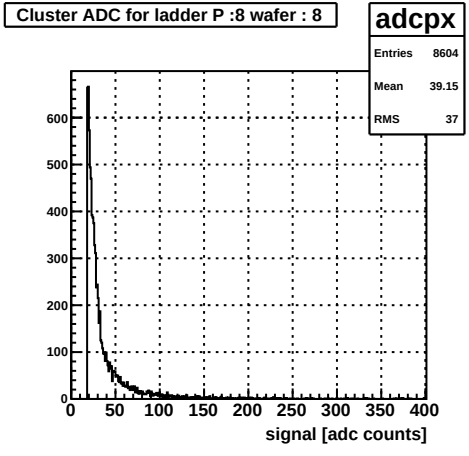

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15024
Mean 32.98
RMS 28.66
signal [adc counts]

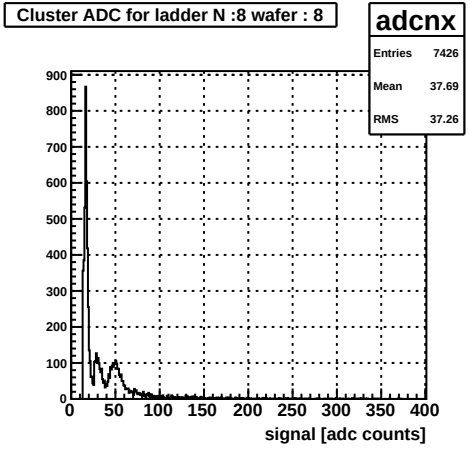

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3752
Mean 45.48
RMS 48.55
signal [adc counts]

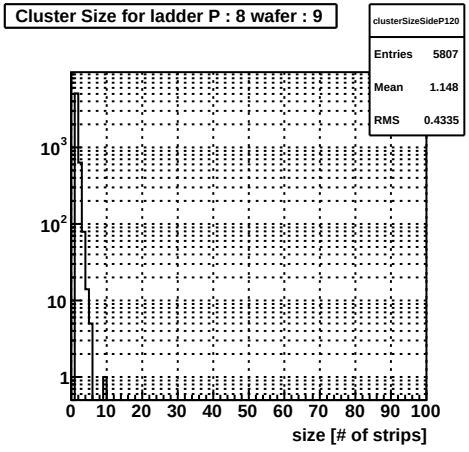

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8604
Mean 1.163
RMS 0.4597
size [# of strips]

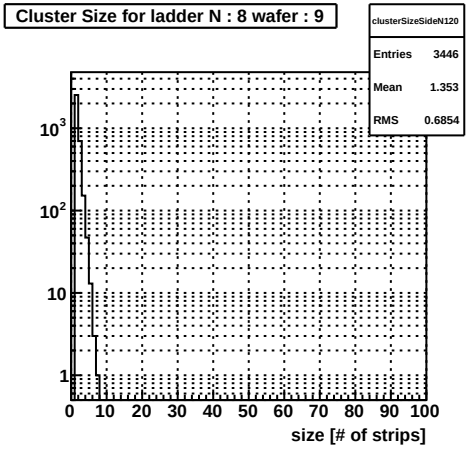

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7426
Mean 1.574
RMS 0.8594
size [# of strips]

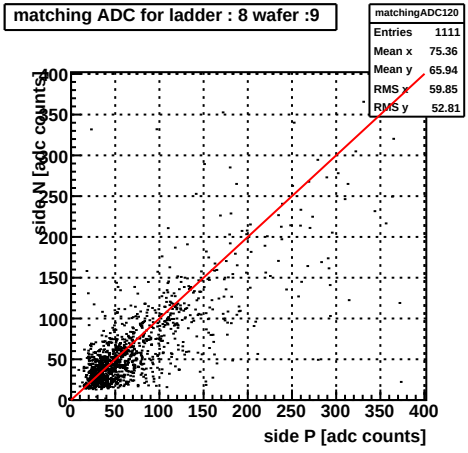

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1608
Mean x 67.15
Mean y 64.29
RMS x 59.06
RMS y 56.09
side N [adc counts]
side P [adc counts]

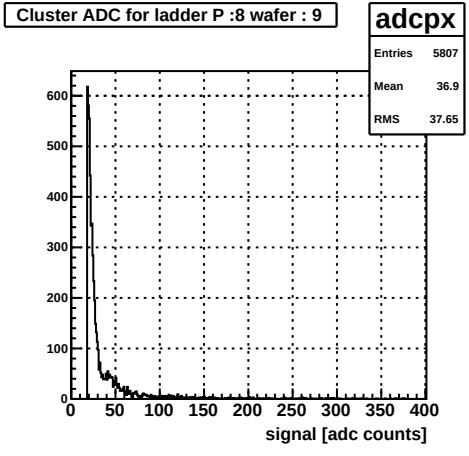

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8604
Mean 39.15
RMS 37
signal [adc counts]

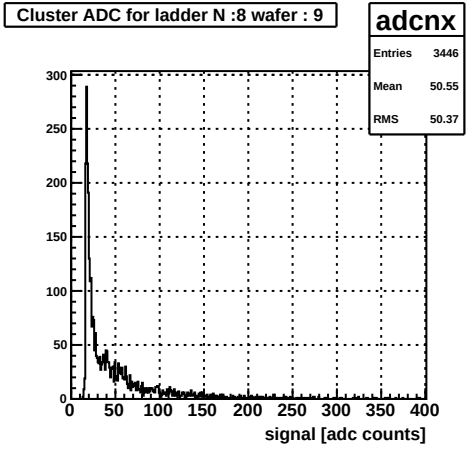

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7426
Mean 37.69
RMS 37.26
signal [adc counts]

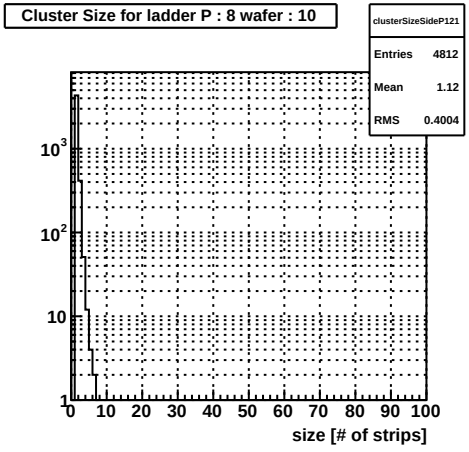

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5807
Mean 1.148
RMS 0.4335
size [# of strips]

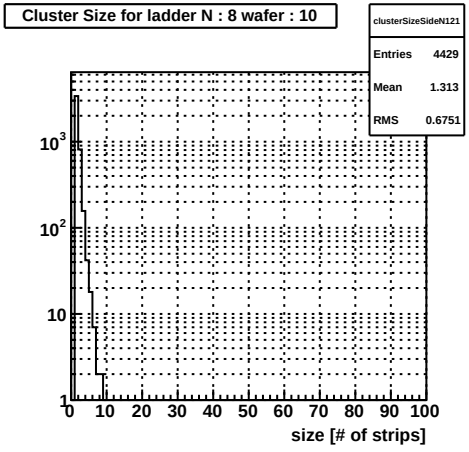

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3446
Mean 1.353
RMS 0.6854
size [# of strips]

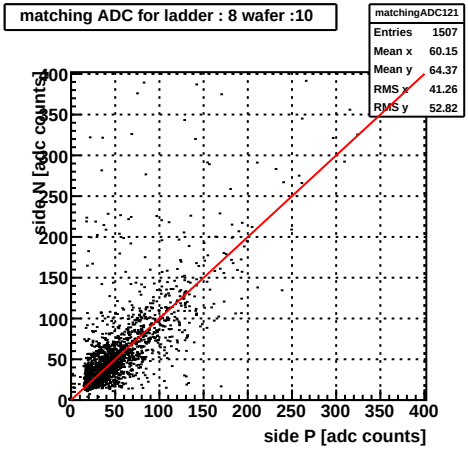

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1111
Mean x 75.36
Mean y 65.94
RMS x 59.85
RMS y 52.81
side N [adc counts]
side P [adc counts]

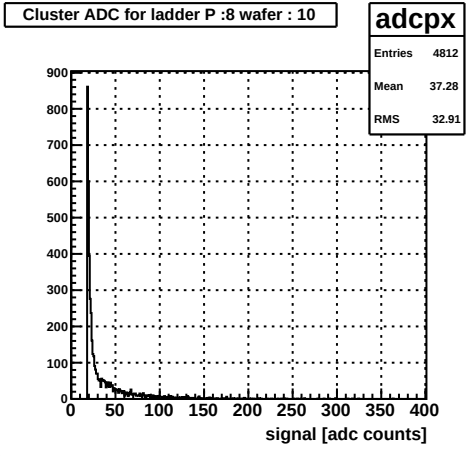

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5807
Mean 36.9
RMS 37.65
signal [adc counts]

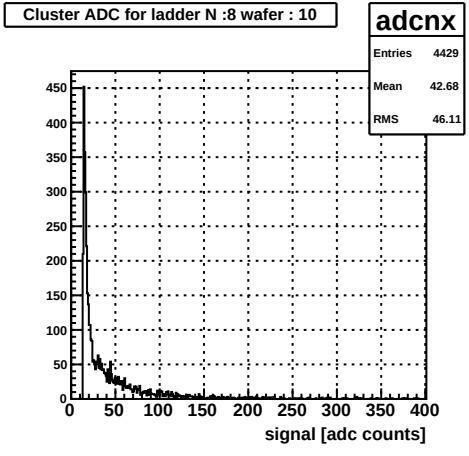

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3446
Mean 50.55
RMS 50.37
signal [adc counts]

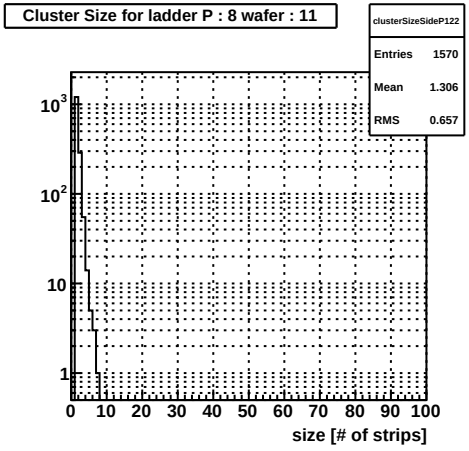

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4812
Mean 1.12
RMS 0.4004
size [# of strips]

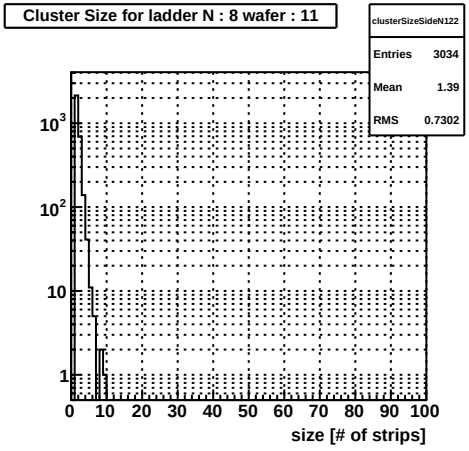

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4429
Mean 1.313
RMS 0.6751
size [# of strips]

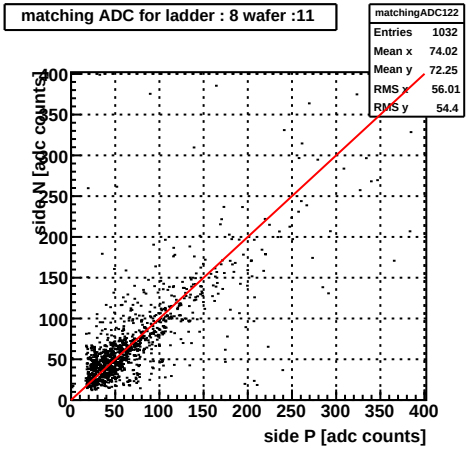

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1507
Mean x 60.15
Mean y 64.37
RMS x 41.26
RMS y 52.82
side N [adc counts]
side P [adc counts]

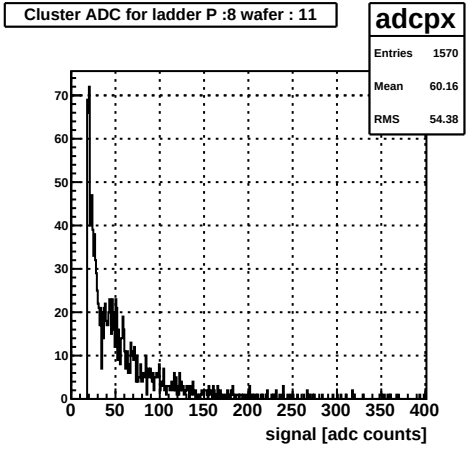

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4812
Mean 37.28
RMS 32.91
signal [adc counts]

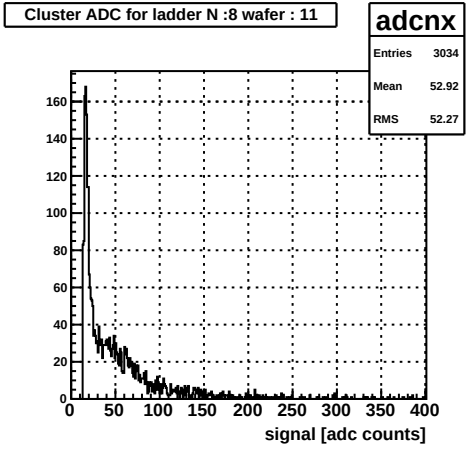

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4429
Mean 42.68
RMS 46.11
signal [adc counts]

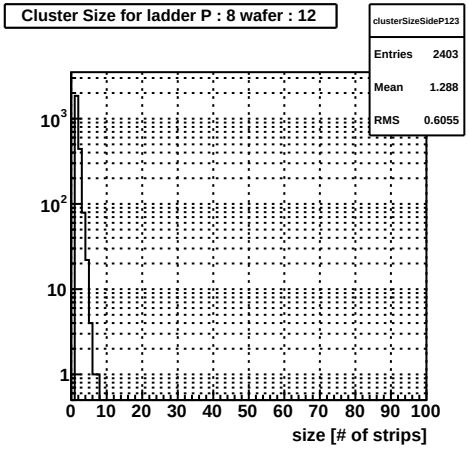

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1570
Mean 1.306
RMS 0.657
size [# of strips]

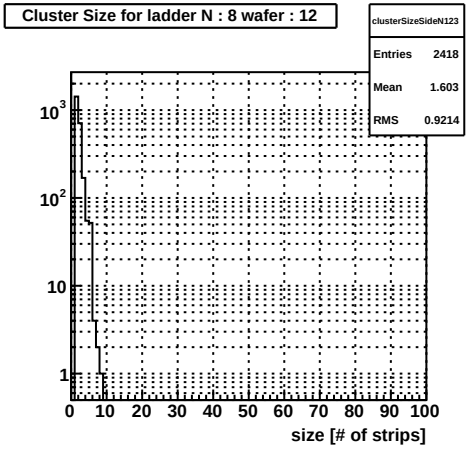

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 3034
Mean 1.39
RMS 0.7302
size [# of strips]

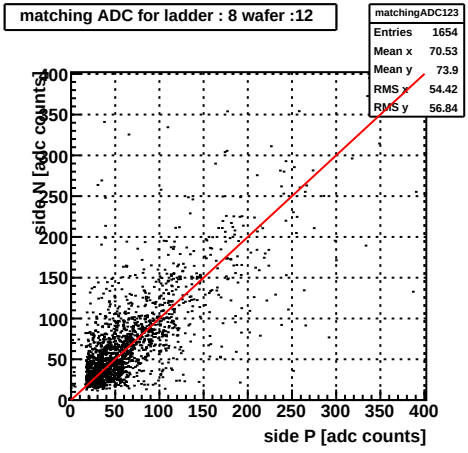

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1032
Mean x 74.02
Mean y 72.25
RMS x 56.01
RMS y 54.4
side N [adc counts]
side P [adc counts]

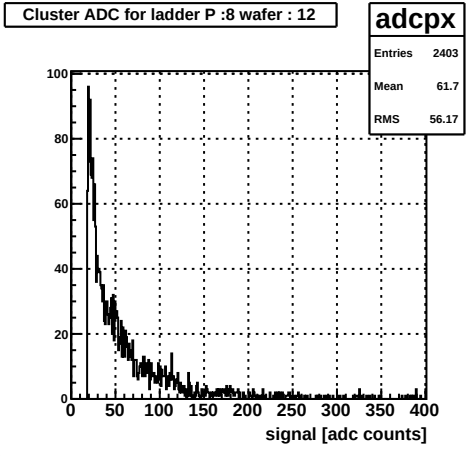

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1570
Mean 60.16
RMS 54.38
signal [adc counts]

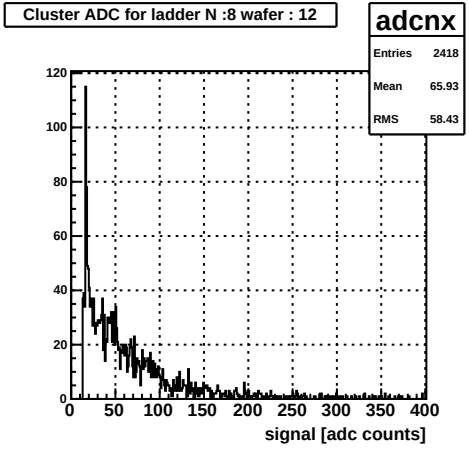

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 3034
Mean 52.92
RMS 52.27
signal [adc counts]

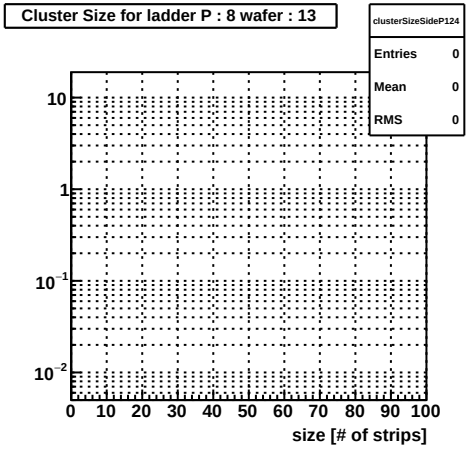

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2403
Mean 1.288
RMS 0.6055
size [# of strips]

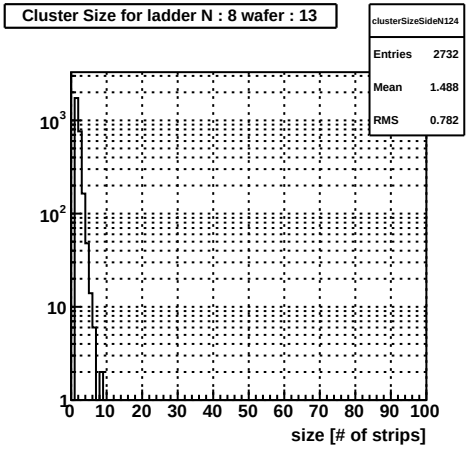

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2418
Mean 1.603
RMS 0.9214
size [# of strips]

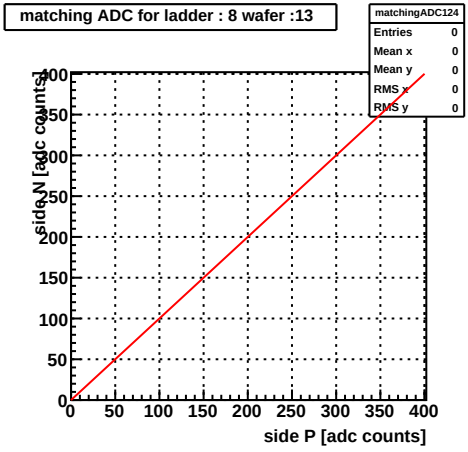

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1654
Mean x 70.53
Mean y 73.9
RMS x 54.42
RMS y 56.84
side N [adc counts]
side P [adc counts]

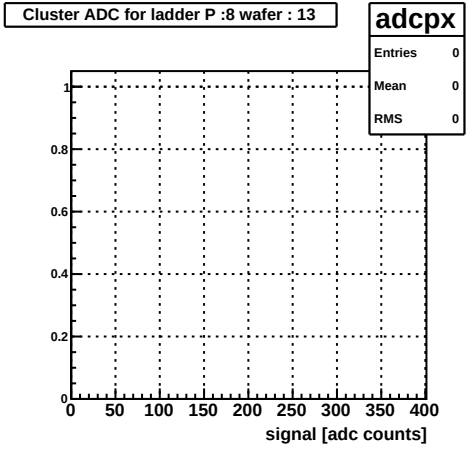

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2403
Mean 61.7
RMS 56.17
signal [adc counts]

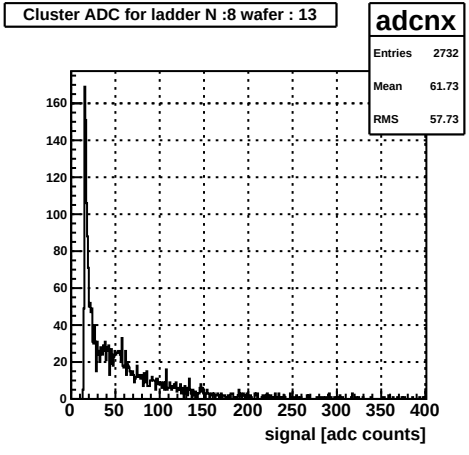

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2418
Mean 65.93
RMS 58.43
signal [adc counts]

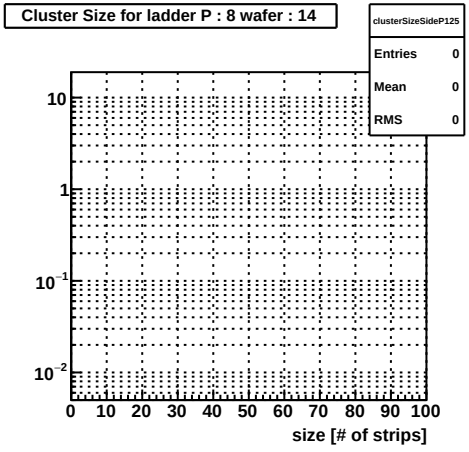

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

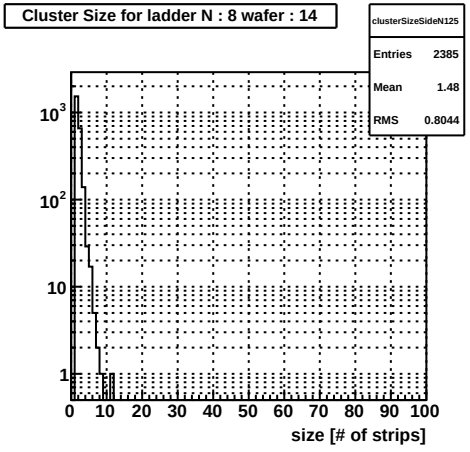

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2732
Mean 1.488
RMS 0.782
size [# of strips]

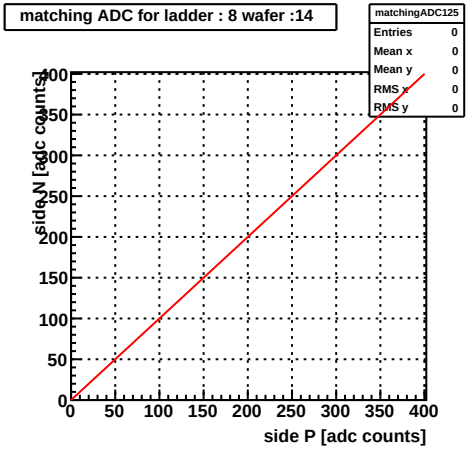

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

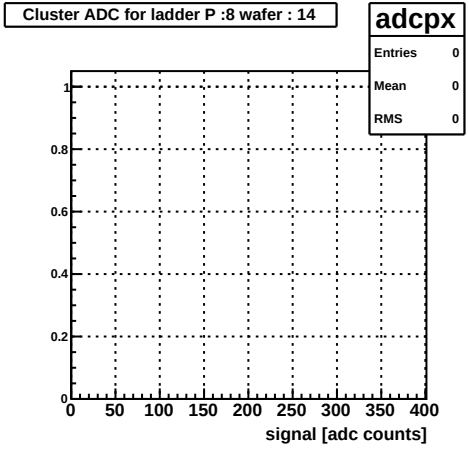

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

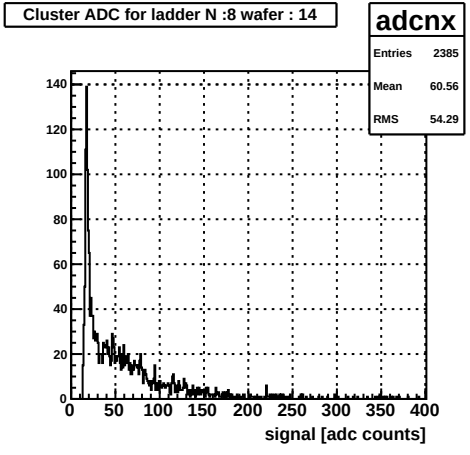

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2732
Mean 61.73
RMS 57.73
signal [adc counts]

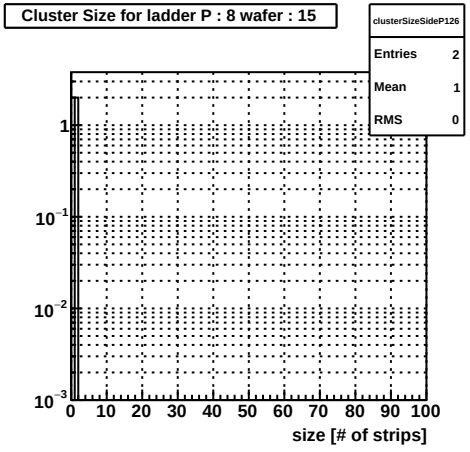

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

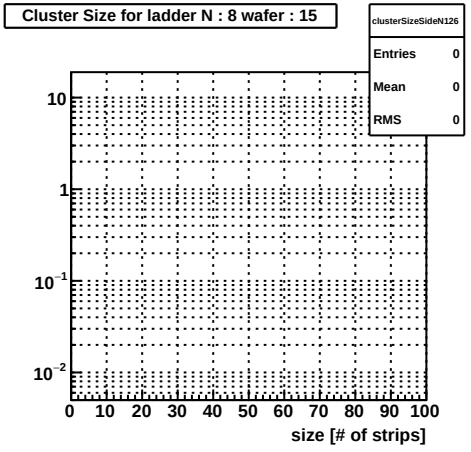

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2385
Mean 1.48
RMS 0.8044
size [# of strips]

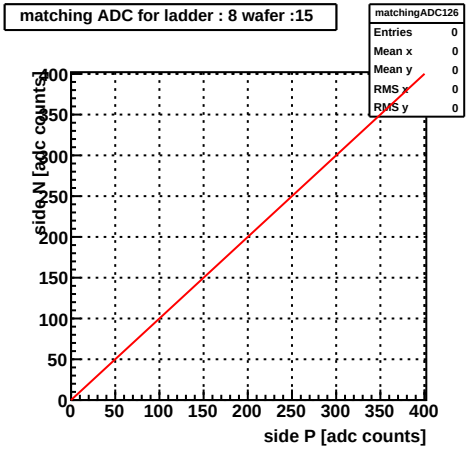

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

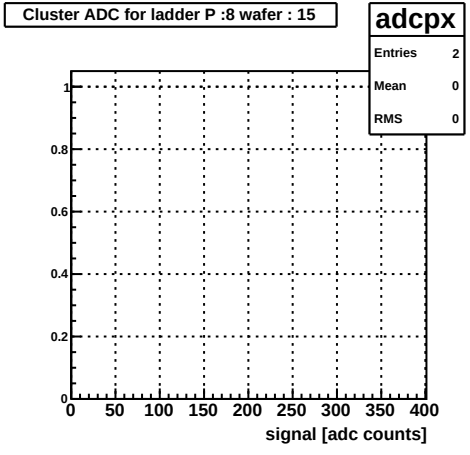

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

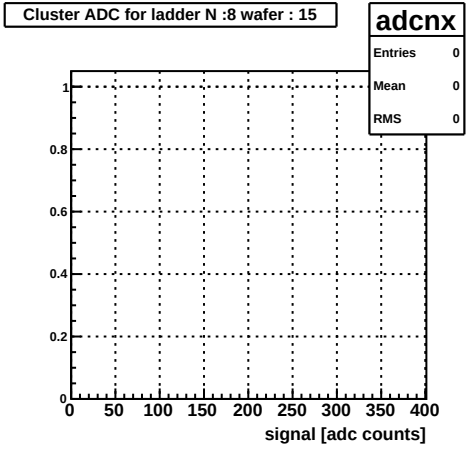

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2385
Mean 60.56
RMS 54.29
signal [adc counts]

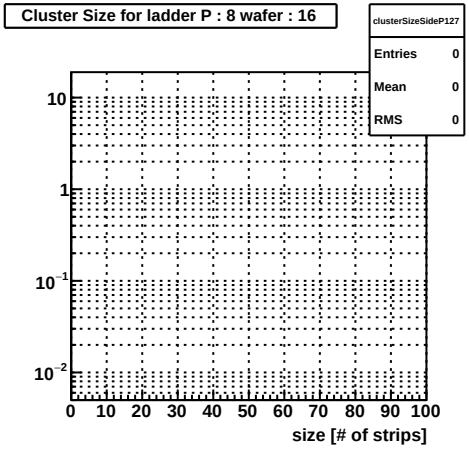

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

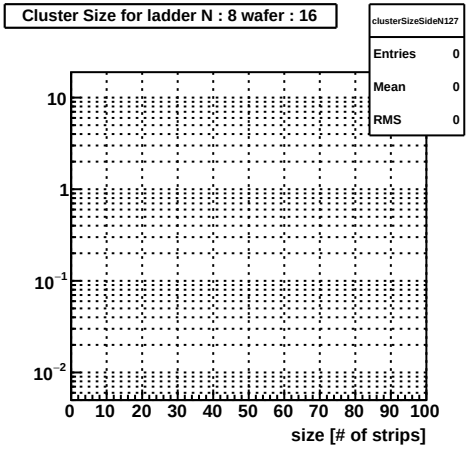

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

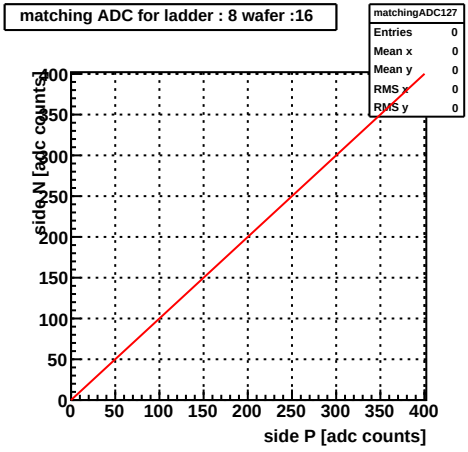

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

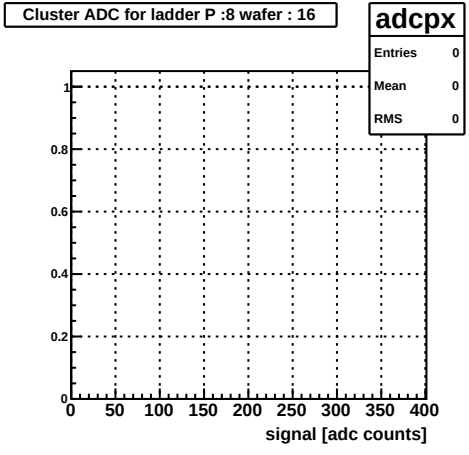

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

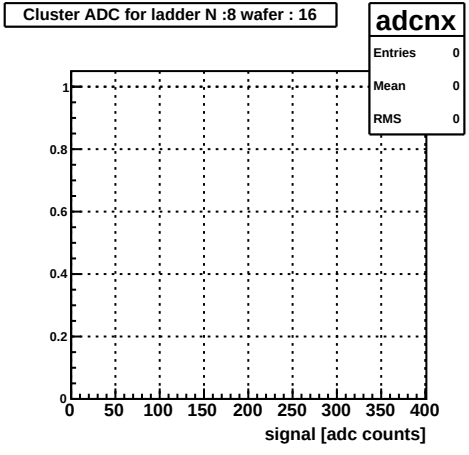

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

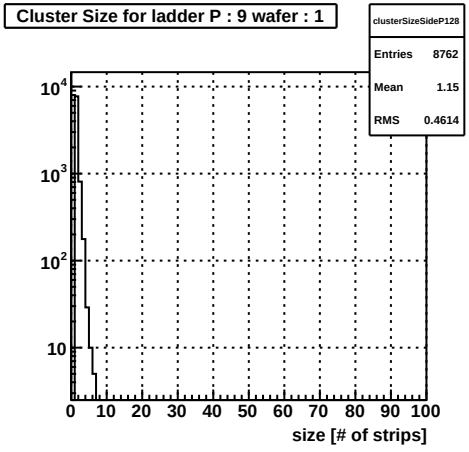

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

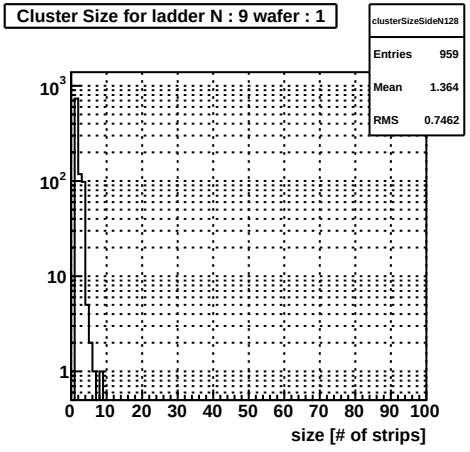

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

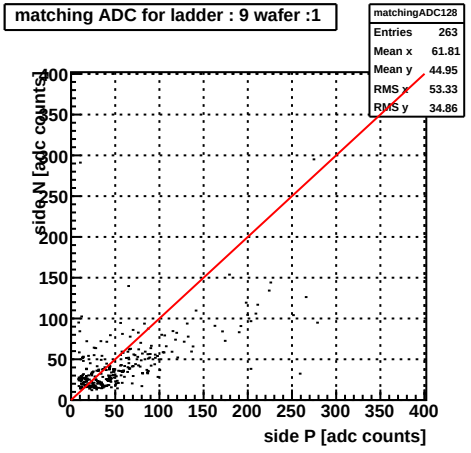

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

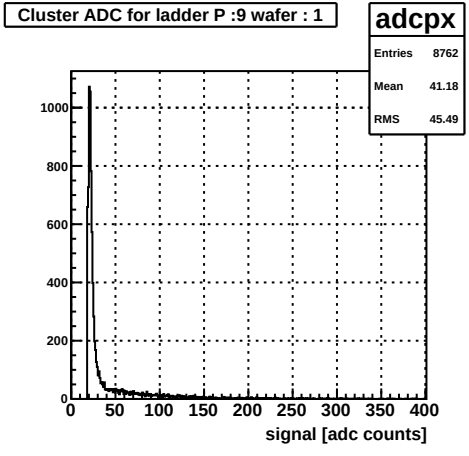

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

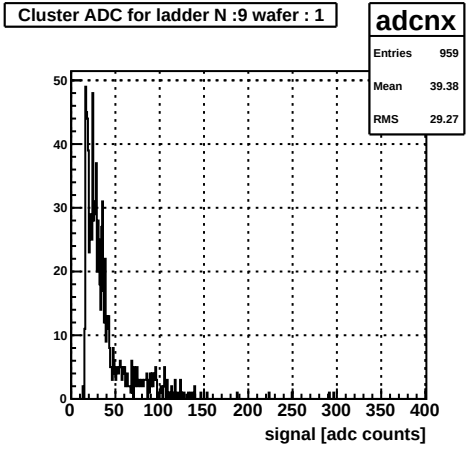

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

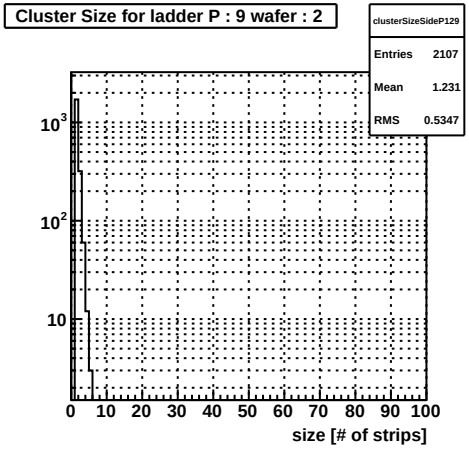

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8762
Mean 1.15
RMS 0.4614
size [# of strips]

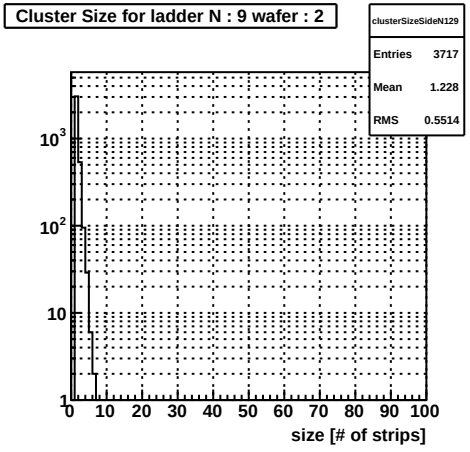

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 959
Mean 1.364
RMS 0.7462
size [# of strips]

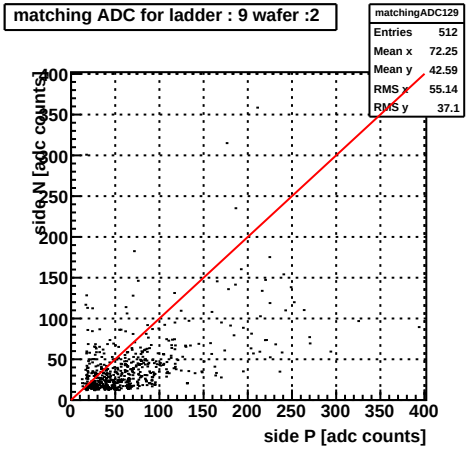

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 263
Mean x 61.81
Mean y 44.95
RMS x 53.33
RMS y 34.86
side N [adc counts]
side P [adc counts]

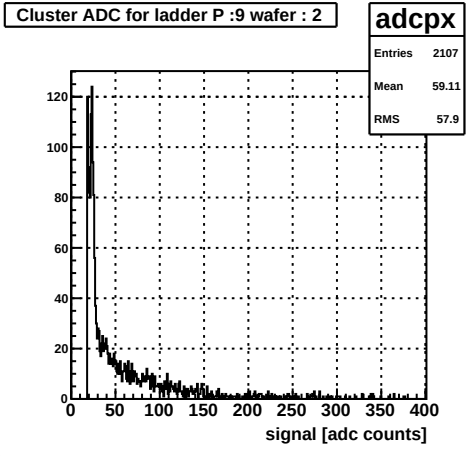

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8762
Mean 41.18
RMS 45.49
signal [adc counts]

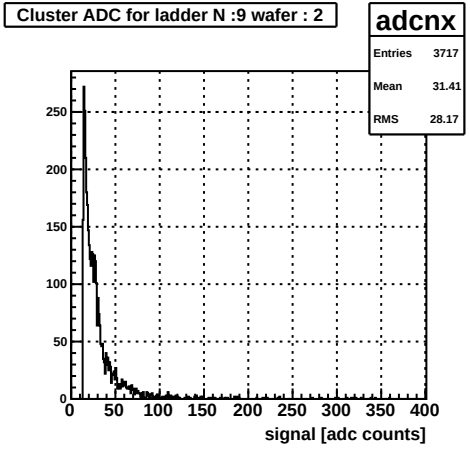

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 959
Mean 39.38
RMS 29.27
signal [adc counts]

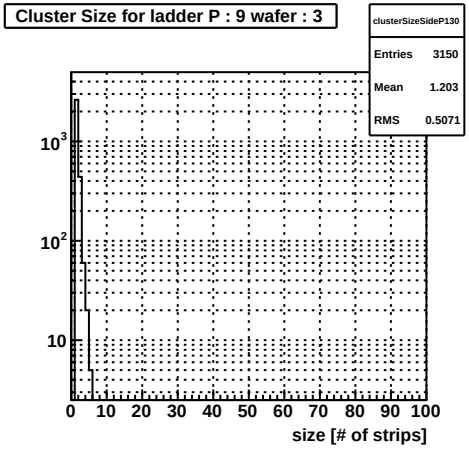

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2107
Mean 1.231
RMS 0.5347
size [# of strips]

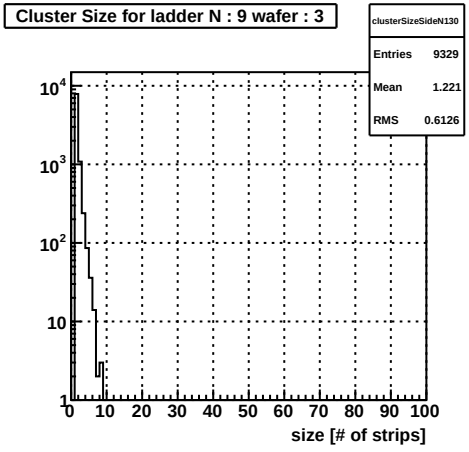

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3717
Mean 1.228
RMS 0.5514
size [# of strips]

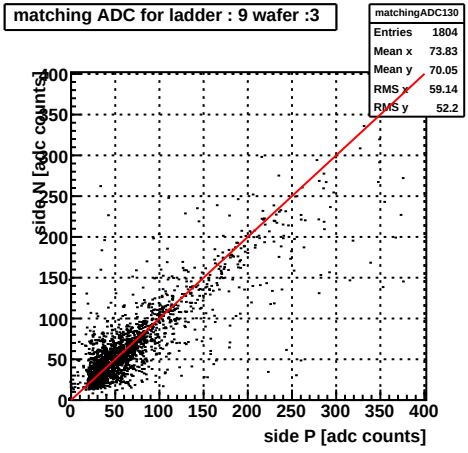

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 512
Mean x 72.25
Mean y 42.59
RMS x 55.14
RMS y 37.1
side N [adc counts]
side P [adc counts]

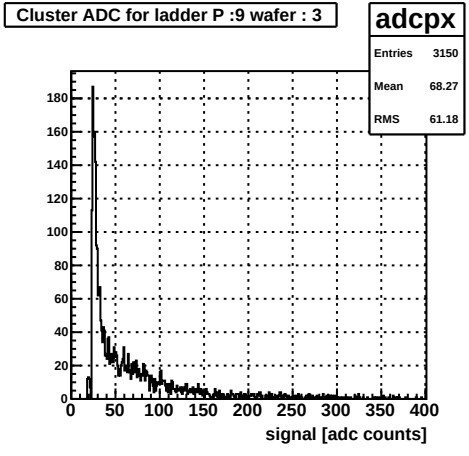

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2107
Mean 59.11
RMS 57.9
signal [adc counts]

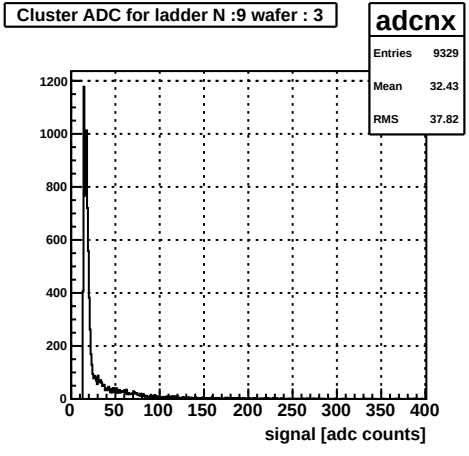

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3717
Mean 31.41
RMS 28.17
signal [adc counts]

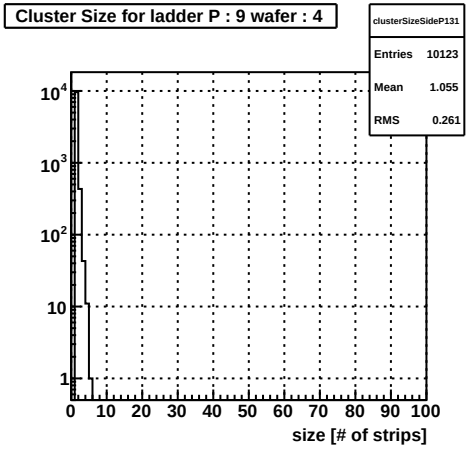

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3150
Mean 1.203
RMS 0.5071
size [# of strips]

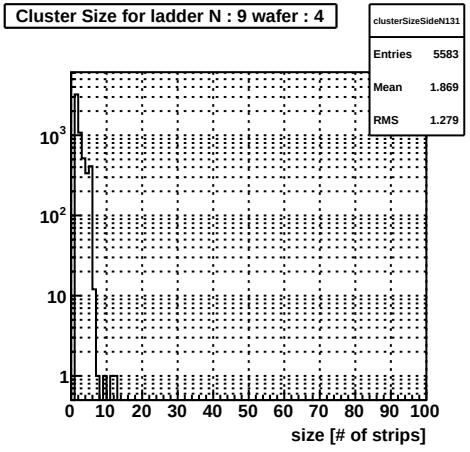

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9329
Mean 1.221
RMS 0.6126
size [# of strips]

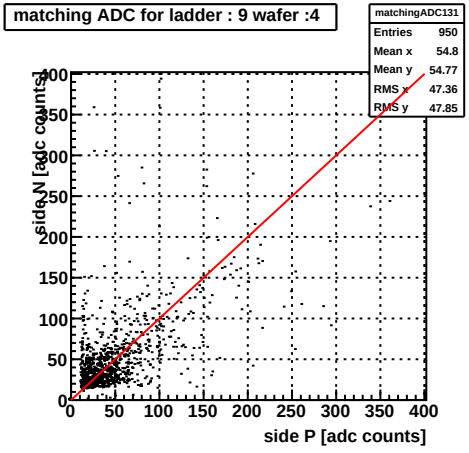

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1804
Mean x 73.83
Mean y 70.05
RMS x 59.14
RMS y 52.2
side N [adc counts]
side P [adc counts]

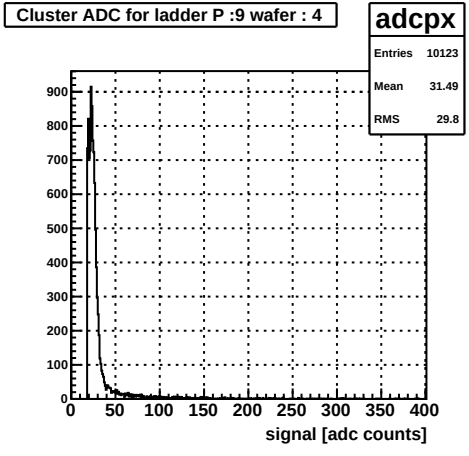

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3150
Mean 68.27
RMS 61.18
signal [adc counts]

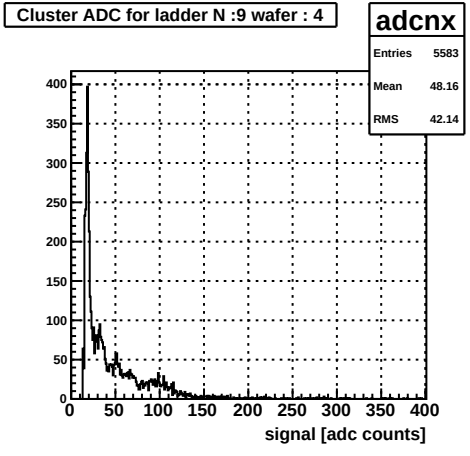

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9329
Mean 32.43
RMS 37.82
signal [adc counts]

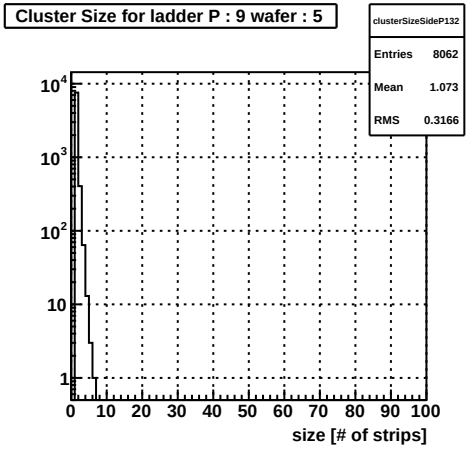

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10123
Mean 1.055
RMS 0.261
size [# of strips]

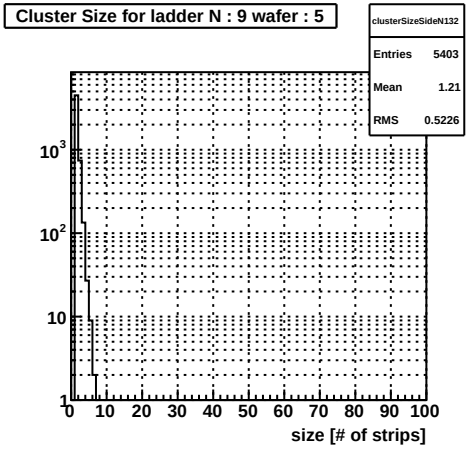

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5583
Mean 1.869
RMS 1.279
size [# of strips]

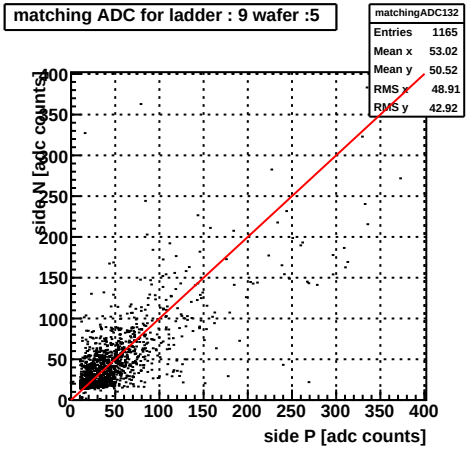

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 950
Mean x 54.8
Mean y 54.77
RMS x 47.36
RMS y 47.85
side N [adc counts]
side P [adc counts]

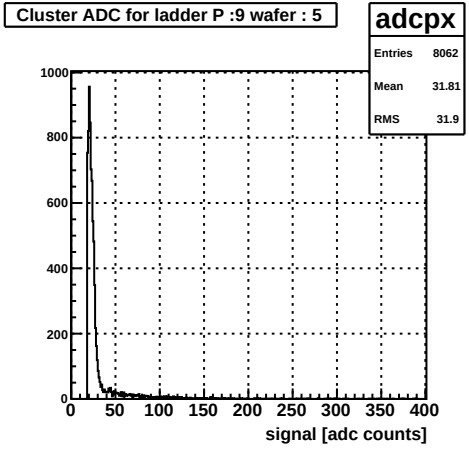

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10123
Mean 31.49
RMS 29.8
signal [adc counts]

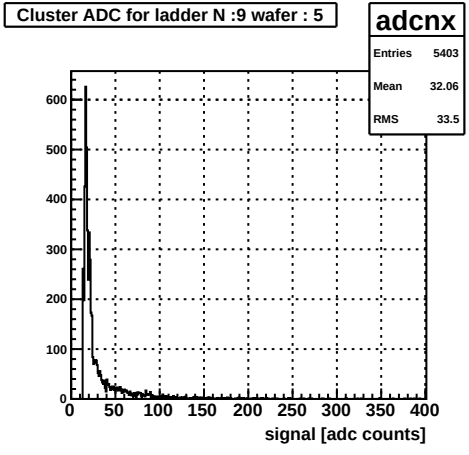

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5583
Mean 48.16
RMS 42.14
signal [adc counts]

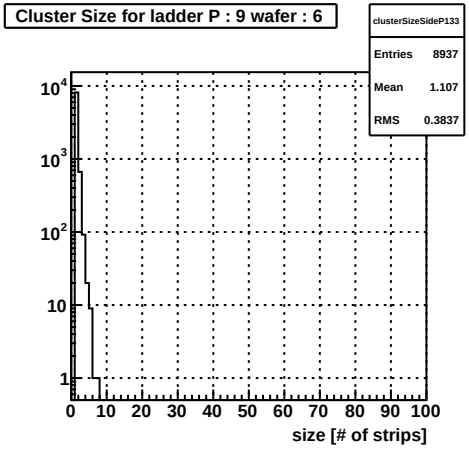

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 8062
Mean 1.073
RMS 0.3166
size [# of strips]

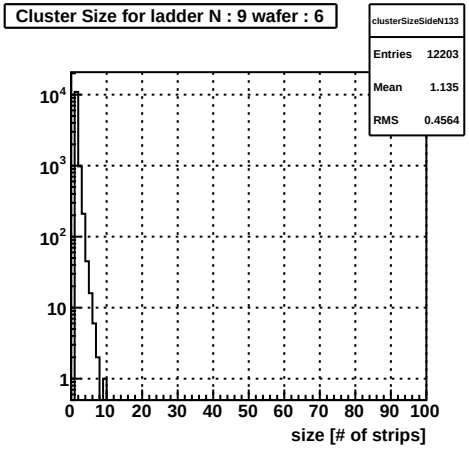

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5403
Mean 1.21
RMS 0.5226
size [# of strips]

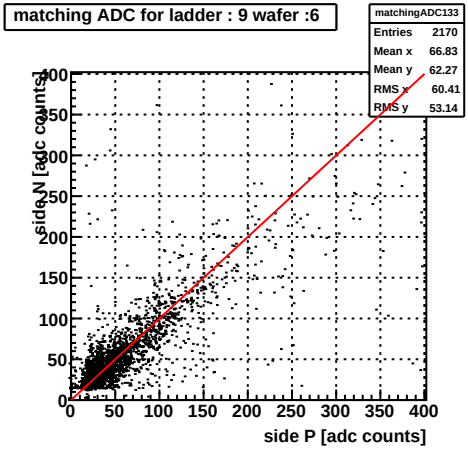

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1165
Mean x 53.02
Mean y 50.52
RMS x 48.91
RMS y 42.92
side N [adc counts]
side P [adc counts]

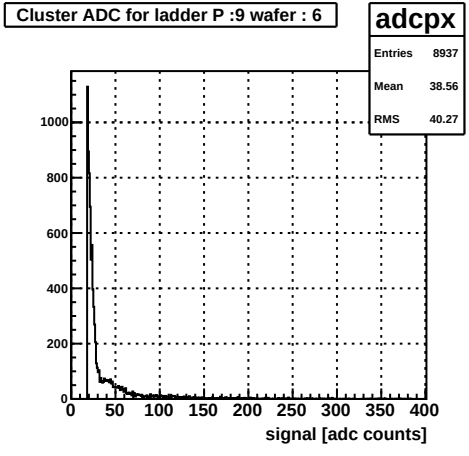

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 8062
Mean 31.81
RMS 31.9
signal [adc counts]

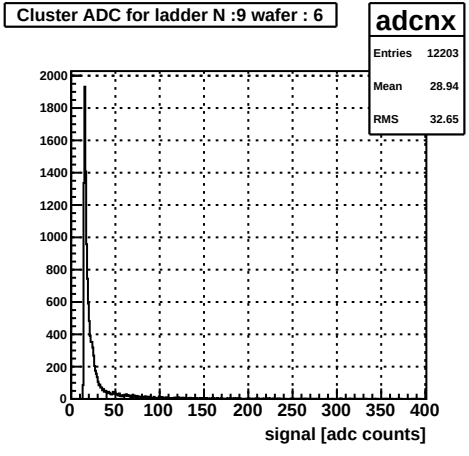

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5403
Mean 32.06
RMS 33.5
signal [adc counts]

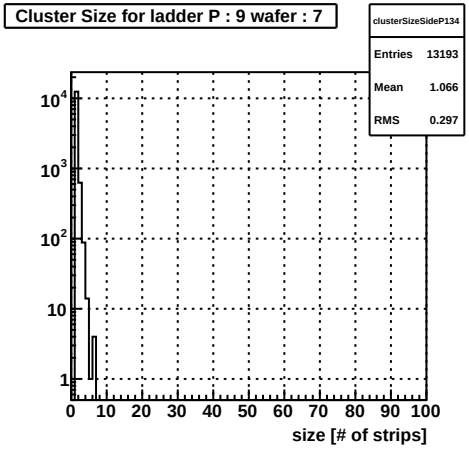

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8937
Mean 1.107
RMS 0.3837
size [# of strips]

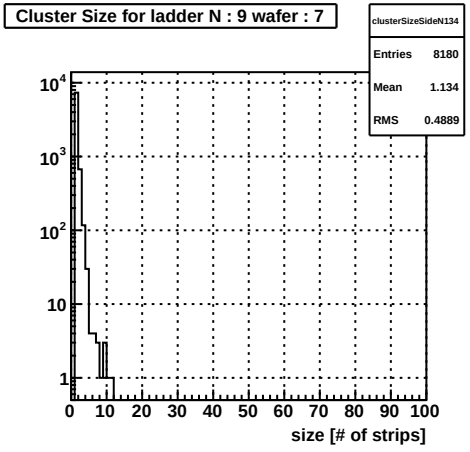

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12203
Mean 1.135
RMS 0.4564
size [# of strips]

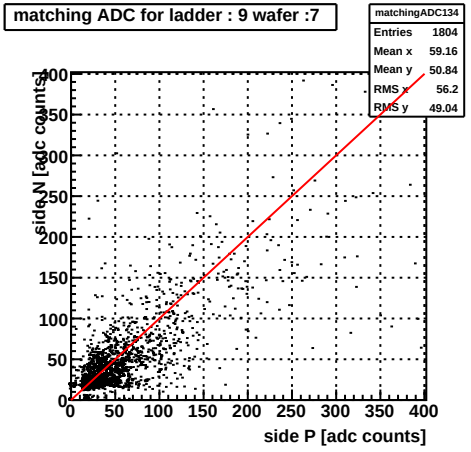

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2170
Mean x 66.83
Mean y 62.27
RMS x 60.41
RMS y 53.14
side N [adc counts]
side P [adc counts]

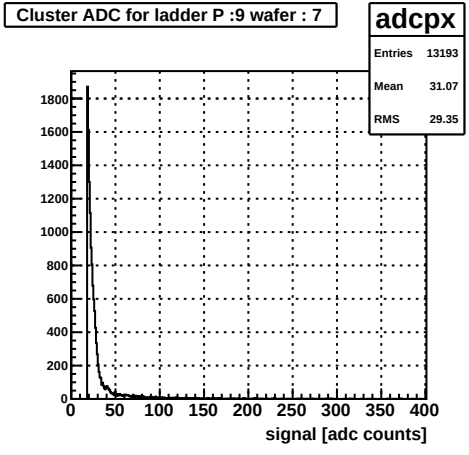

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8937
Mean 38.56
RMS 40.27
signal [adc counts]

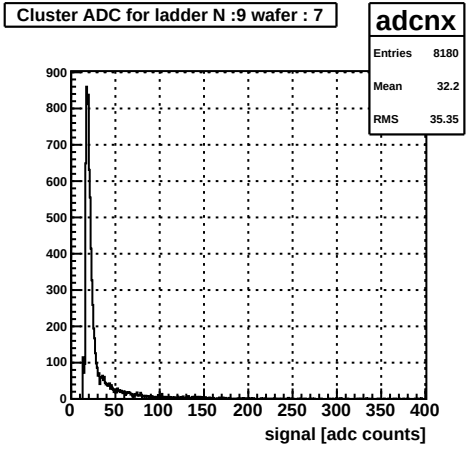

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12203
Mean 28.94
RMS 32.65
signal [adc counts]

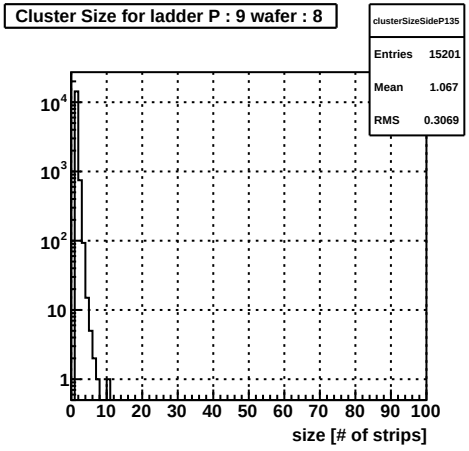

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13193
Mean 1.066
RMS 0.297
size [# of strips]

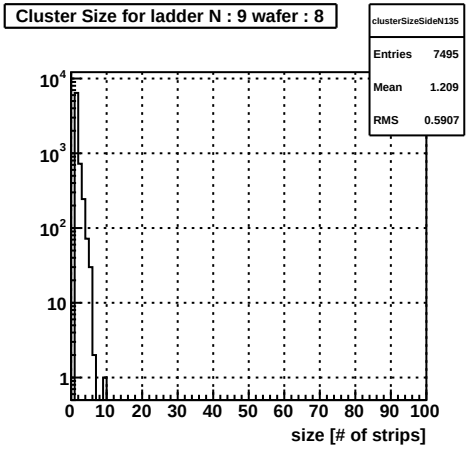

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8180
Mean 1.134
RMS 0.4889
size [# of strips]

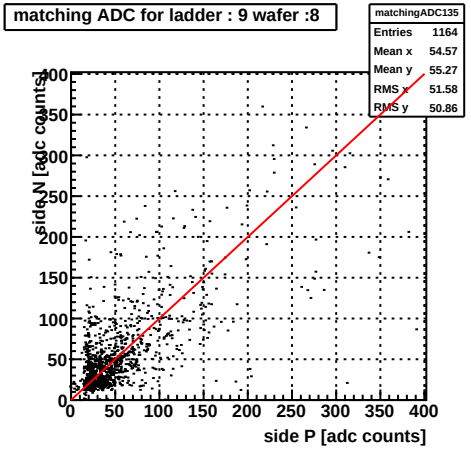

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1804
Mean x 59.16
Mean y 50.84
RMS x 56.2
RMS y 49.04
side N [adc counts]
side P [adc counts]

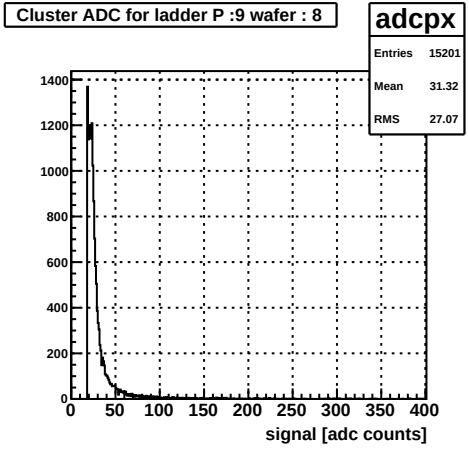

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13193
Mean 31.07
RMS 29.35
signal [adc counts]

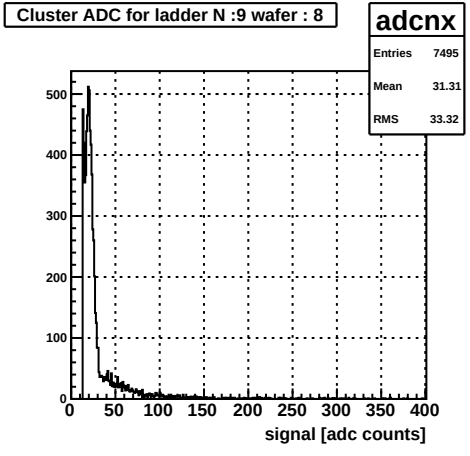

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8180
Mean 32.2
RMS 35.35
signal [adc counts]

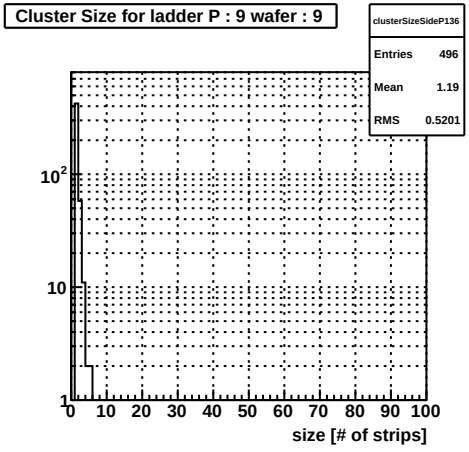

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 15201
Mean 1.067
RMS 0.3069
size [# of strips]

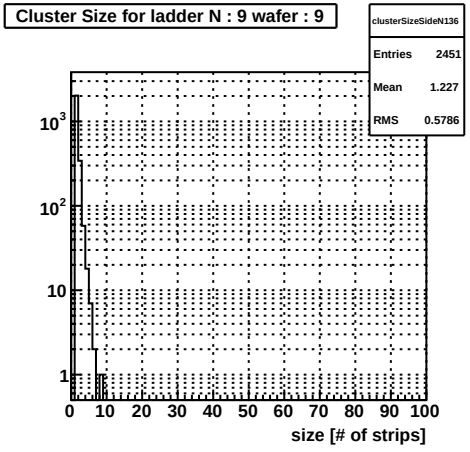

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7495
Mean 1.209
RMS 0.5907
size [# of strips]

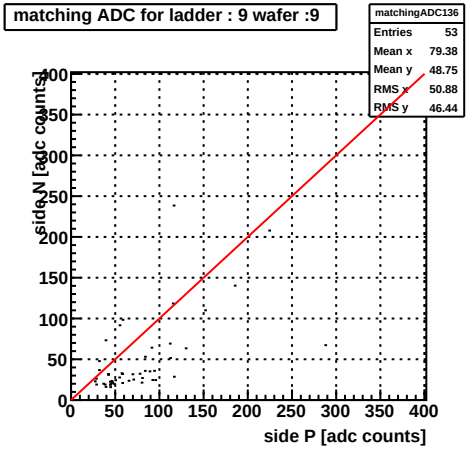

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1164
Mean x 54.57
Mean y 55.27
RMS x 51.58
RMS y 50.86
side N [adc counts]
side P [adc counts]

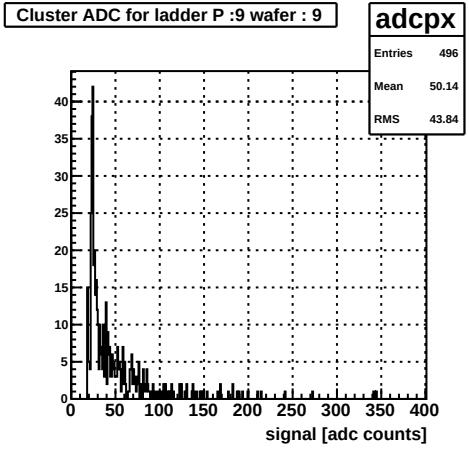

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 15201
Mean 31.32
RMS 27.07
signal [adc counts]

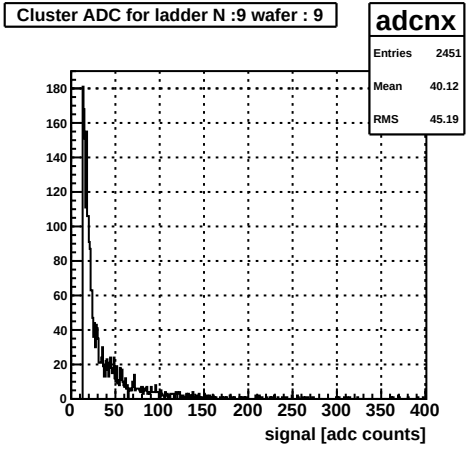

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7495
Mean 31.31
RMS 33.32
signal [adc counts]

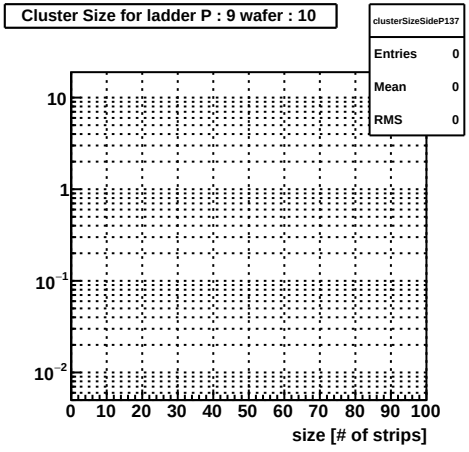

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 496
Mean 1.19
RMS 0.5201
size [# of strips]

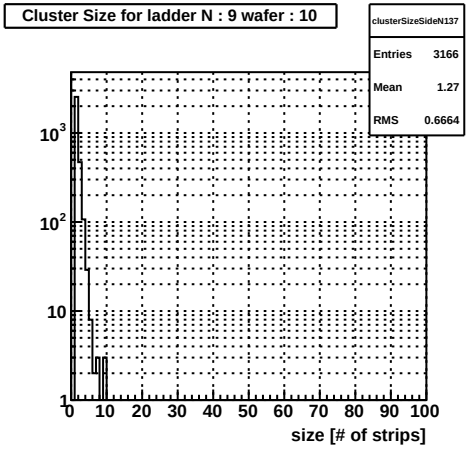

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2451
Mean 1.227
RMS 0.5786
size [# of strips]

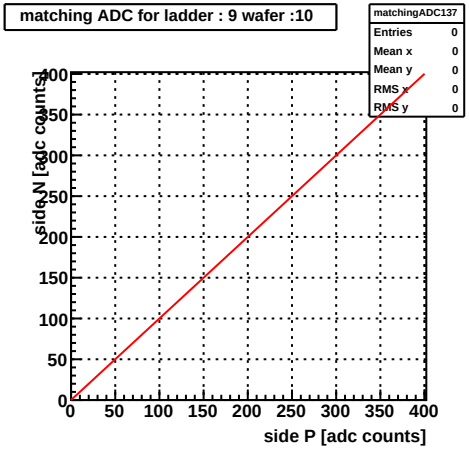

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 53
Mean x 79.38
Mean y 48.75
RMS x 50.88
RMS y 46.44
side N [adc counts]
side P [adc counts]

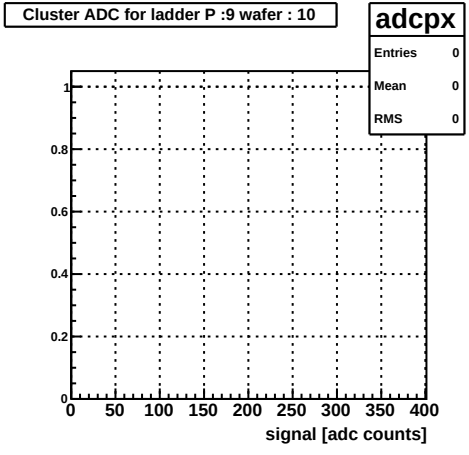

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 496
Mean 50.14
RMS 43.84
signal [adc counts]

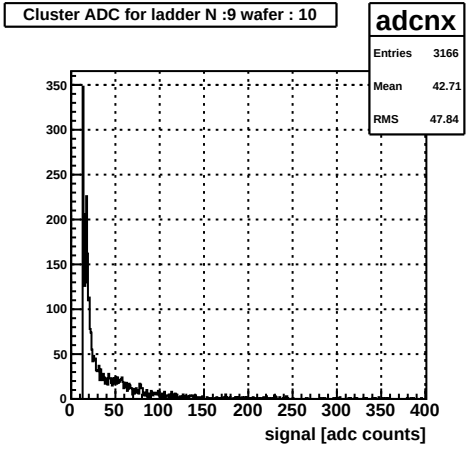

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2451
Mean 40.12
RMS 45.19
signal [adc counts]

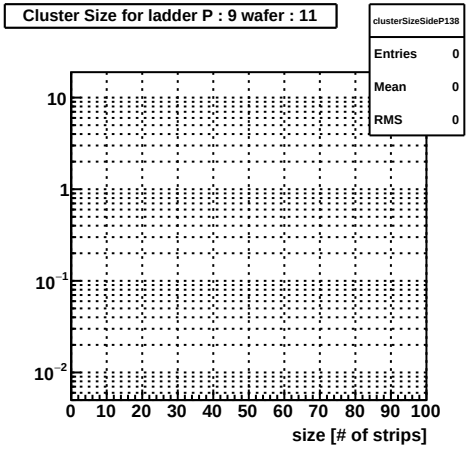

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

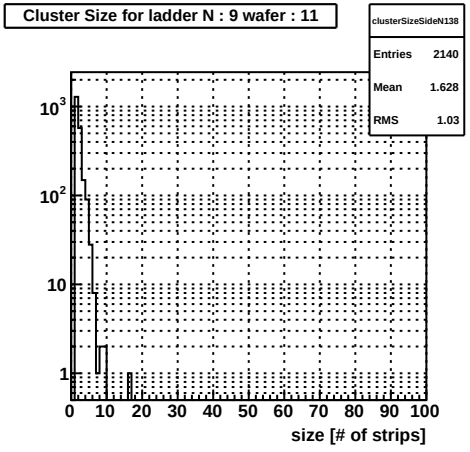

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3166
Mean 1.27
RMS 0.6664
size [# of strips]

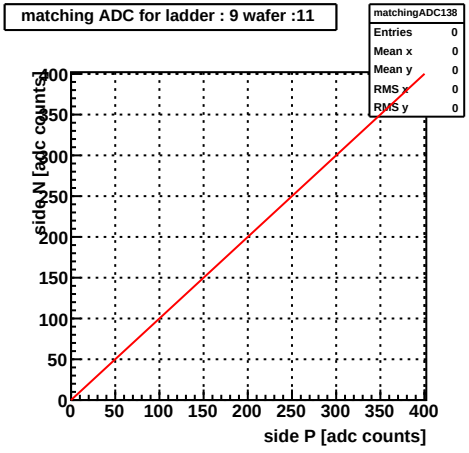

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

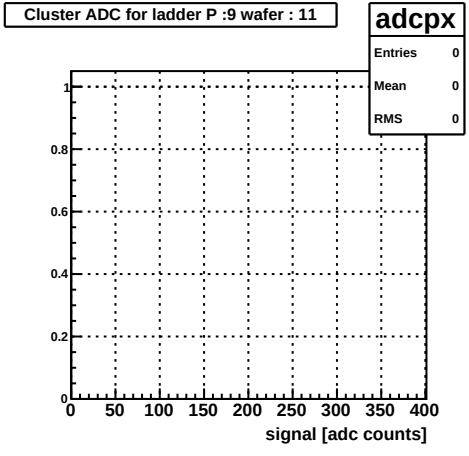

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

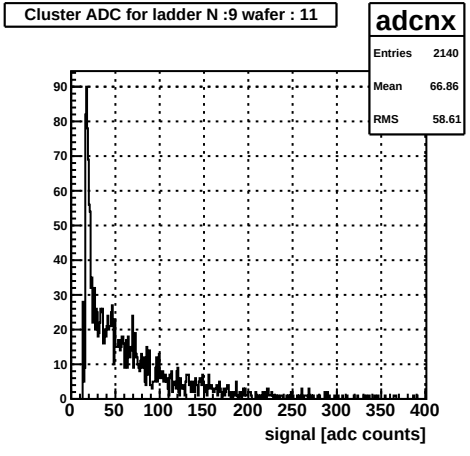

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3166
Mean 42.71
RMS 47.84
signal [adc counts]

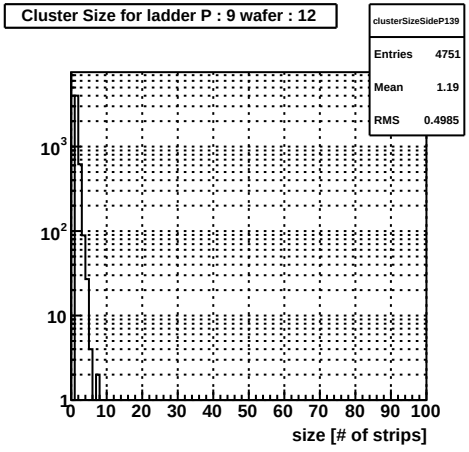

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

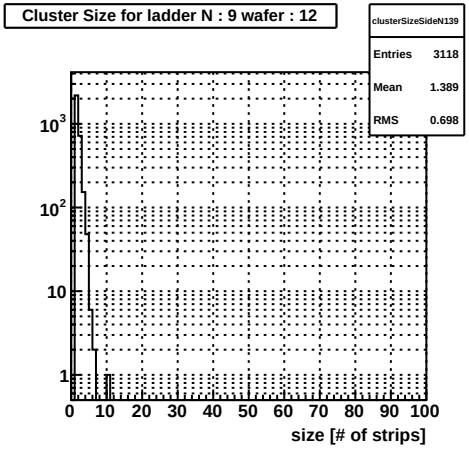

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2140
Mean 1.628
RMS 1.03
size [# of strips]

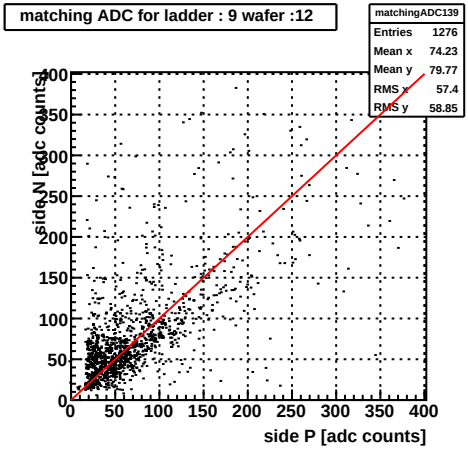

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

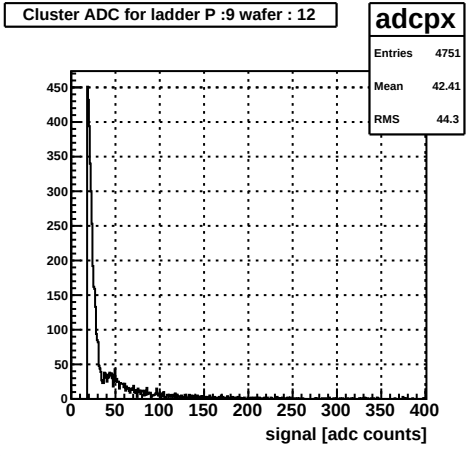

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

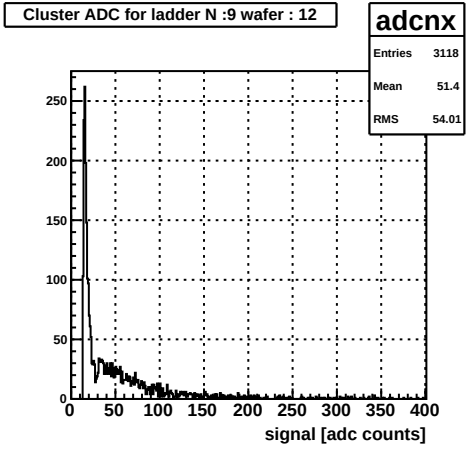

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2140
Mean 66.86
RMS 58.61
signal [adc counts]

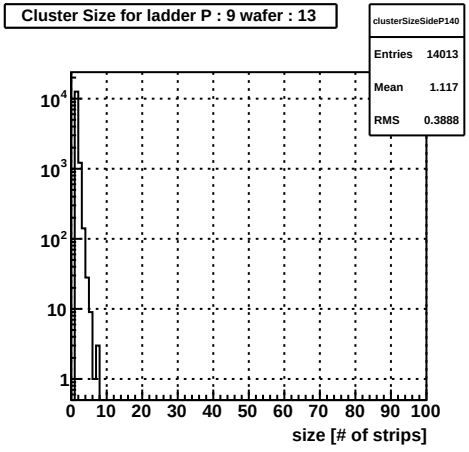

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4751
Mean 1.19
RMS 0.4985
size [# of strips]

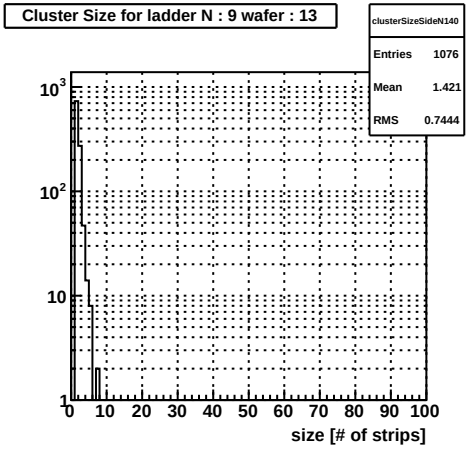

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3118
Mean 1.389
RMS 0.698
size [# of strips]

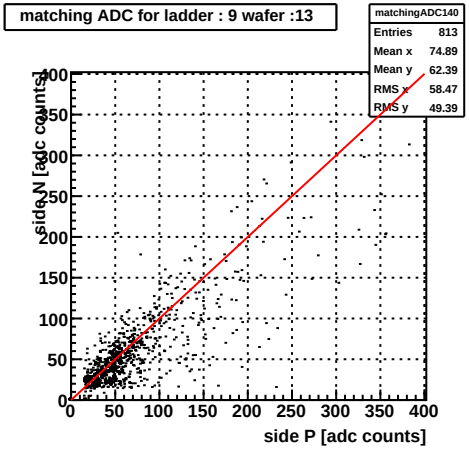

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1276
Mean x 74.23
Mean y 79.77
RMS x 57.4
RMS y 58.85
side N [adc counts]
side P [adc counts]

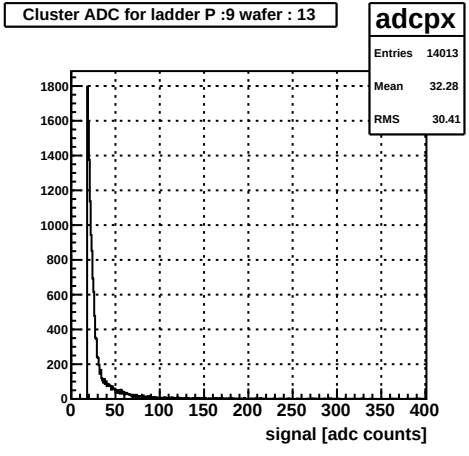

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4751
Mean 42.41
RMS 44.3
signal [adc counts]

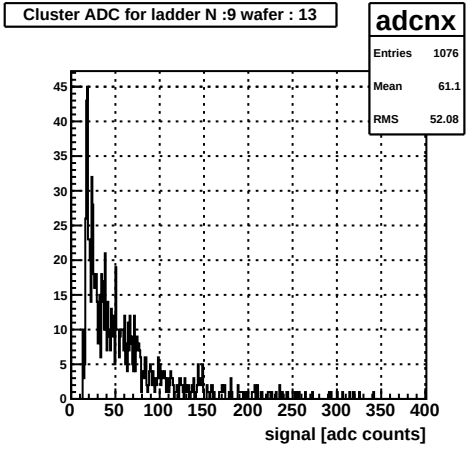

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3118
Mean 51.4
RMS 54.01
signal [adc counts]

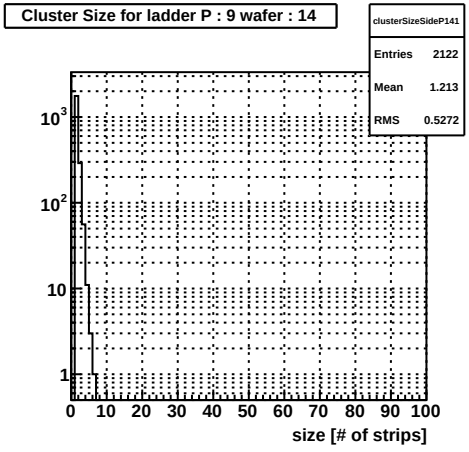

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14013
Mean 1.117
RMS 0.3888
size [# of strips]

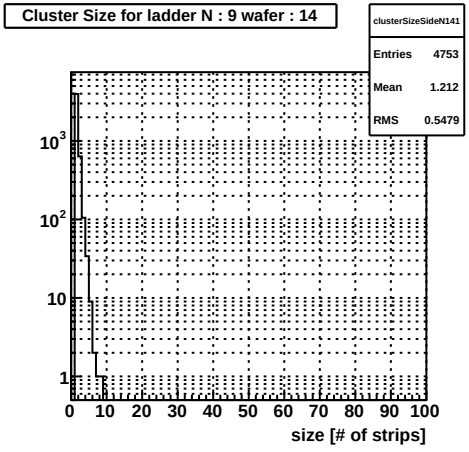

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1076
Mean 1.421
RMS 0.7444
size [# of strips]

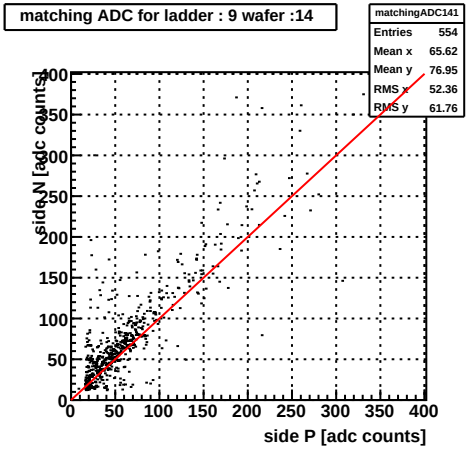

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 813
Mean x 74.89
Mean y 62.39
RMS x 58.47
RMS y 49.39
side N [adc counts]
side P [adc counts]

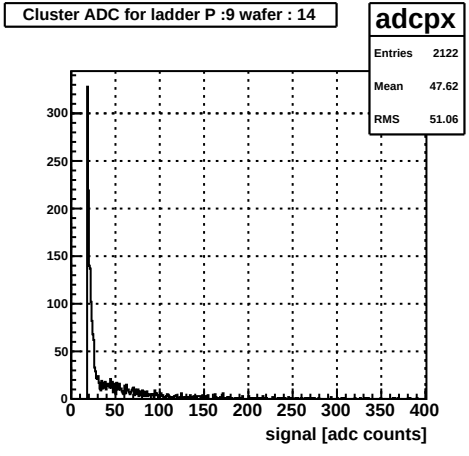

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14013
Mean 32.28
RMS 30.41
signal [adc counts]

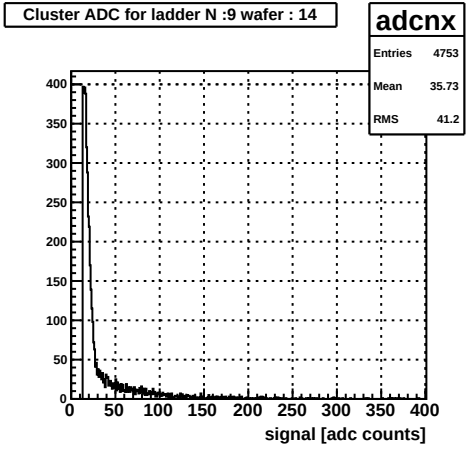

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1076
Mean 61.1
RMS 52.08
signal [adc counts]

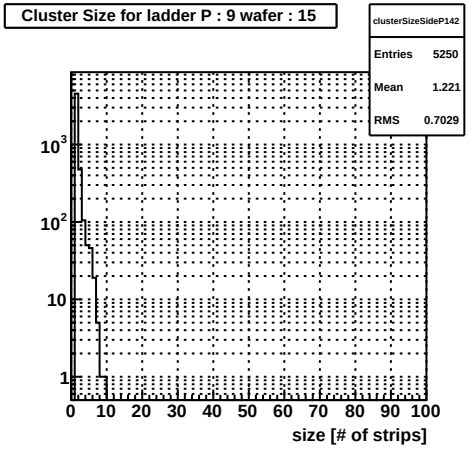

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2122
Mean 1.213
RMS 0.5272
size [# of strips]

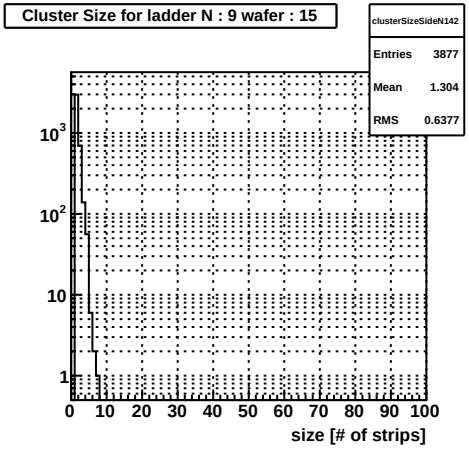

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4753
Mean 1.212
RMS 0.5479
size [# of strips]

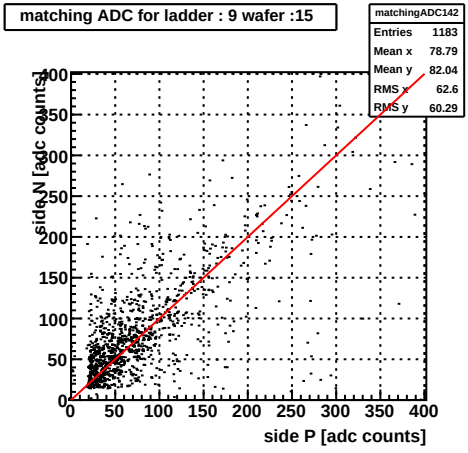

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 554
Mean x 65.62
Mean y 76.95
RMS x 52.36
RMS y 61.76
side N [adc counts]
side P [adc counts]

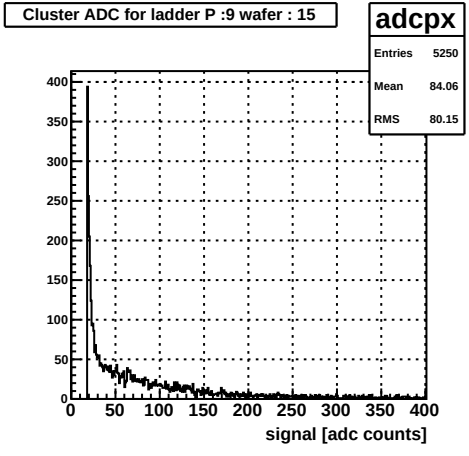

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2122
Mean 47.62
RMS 51.06
signal [adc counts]

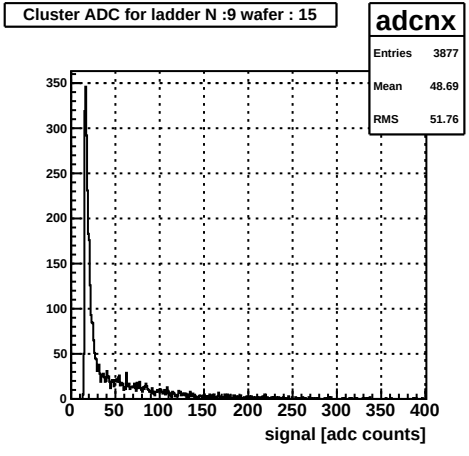

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4753
Mean 35.73
RMS 41.2
signal [adc counts]

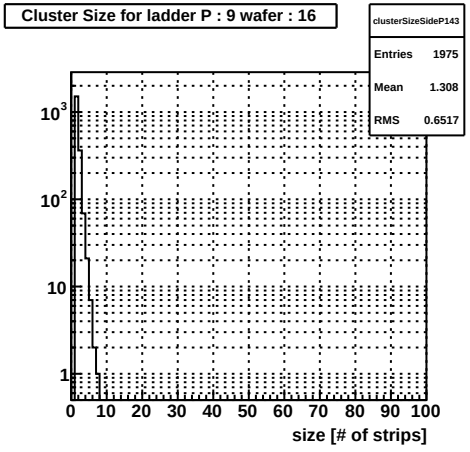

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5250
Mean 1.221
RMS 0.7029
size [# of strips]

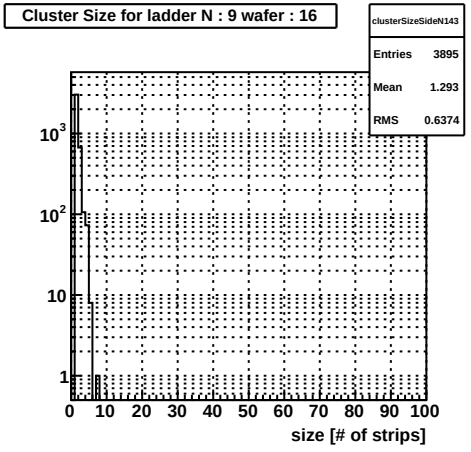

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3877
Mean 1.304
RMS 0.6377
size [# of strips]

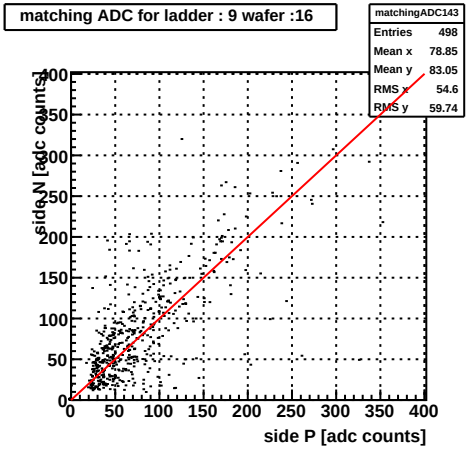

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1183
Mean x 78.79
Mean y 82.04
RMS x 62.6
RMS y 60.29
side N [adc counts]
side P [adc counts]

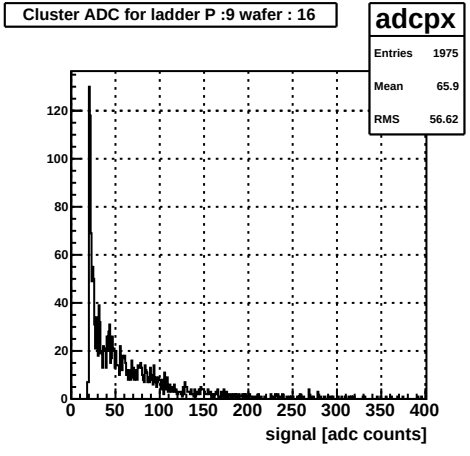

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5250
Mean 84.06
RMS 80.15
signal [adc counts]

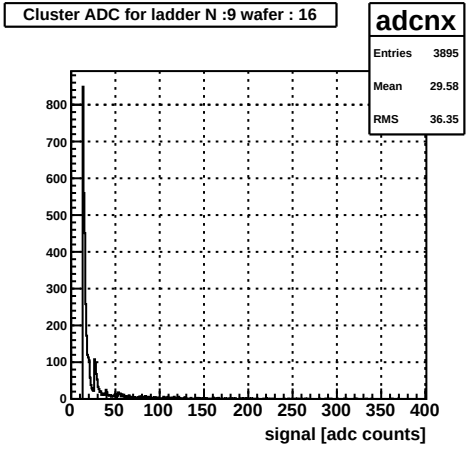

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3877
Mean 48.69
RMS 51.76
signal [adc counts]

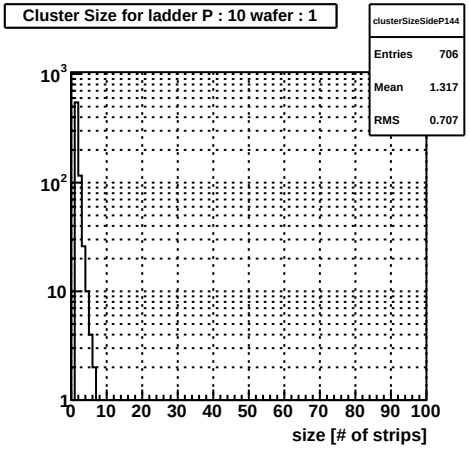

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1975
Mean 1.308
RMS 0.6517
size [# of strips]

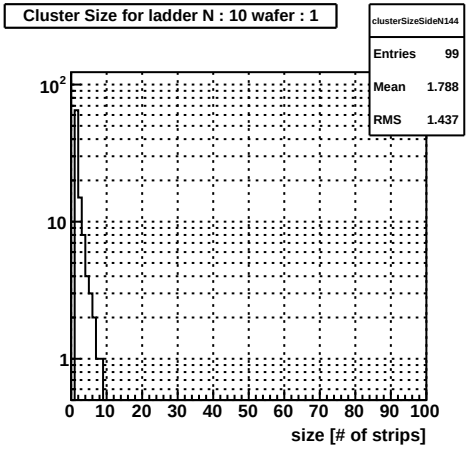

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3895
Mean 1.293
RMS 0.6374
size [# of strips]

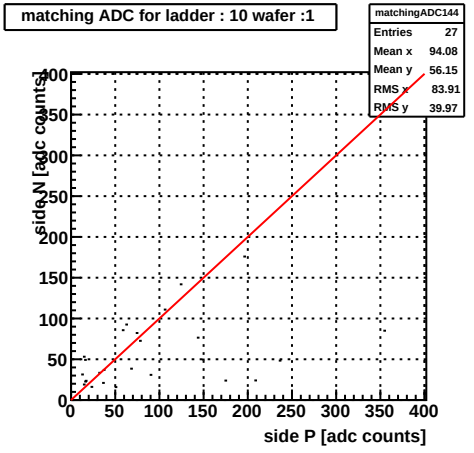

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 498
Mean x 78.85
Mean y 83.05
RMS x 54.6
RMS y 59.74
side N [adc counts]
side P [adc counts]

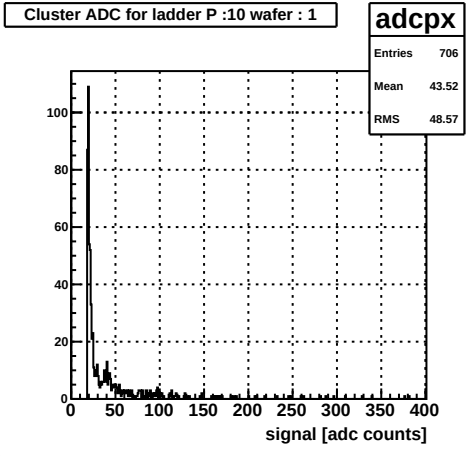

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1975
Mean 65.9
RMS 56.62
signal [adc counts]

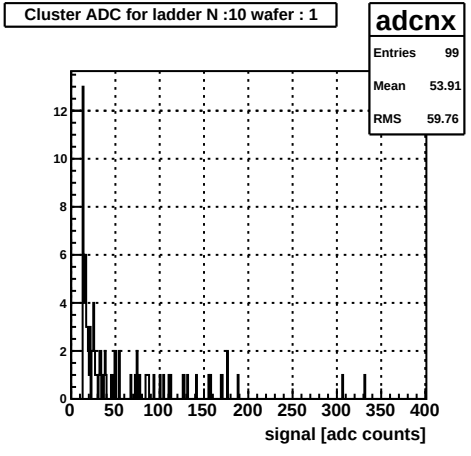

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3895
Mean 29.58
RMS 36.35
signal [adc counts]

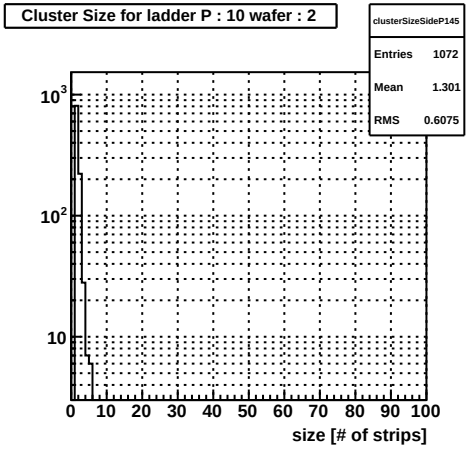

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 706
Mean 1.317
RMS 0.707
size [# of strips]

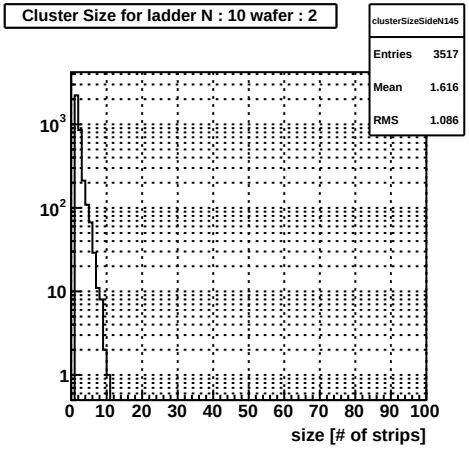

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 99
Mean 1.788
RMS 1.437
size [# of strips]

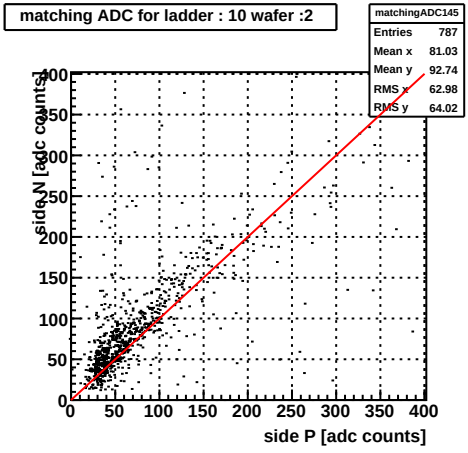

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 27
Mean x 94.08
Mean y 56.15
RMS x 83.91
RMS y 39.97
side N [adc counts]
side P [adc counts]

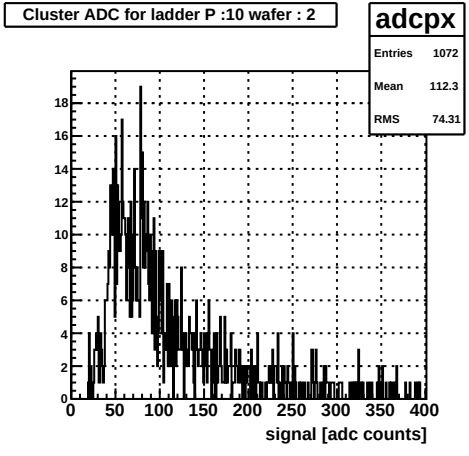

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 706
Mean 43.52
RMS 48.57
signal [adc counts]

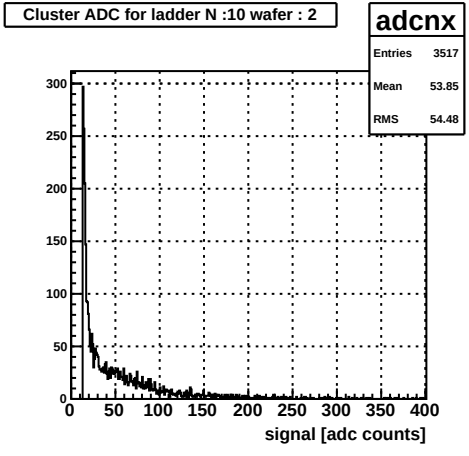

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 99
Mean 53.91
RMS 59.76
signal [adc counts]

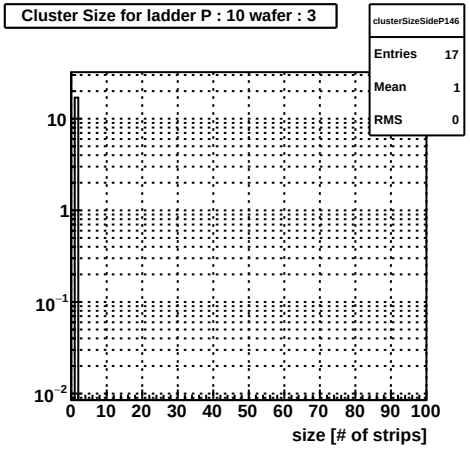

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1072
Mean 1.301
RMS 0.6075
size [# of strips]

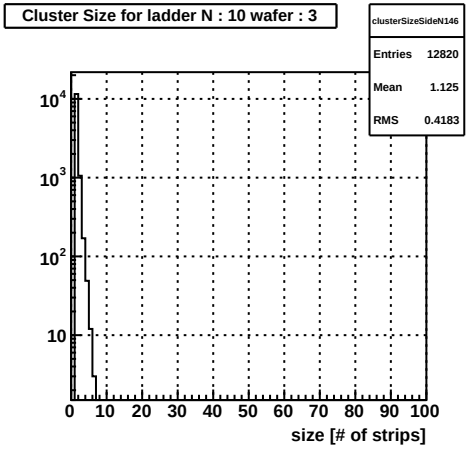

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3517
Mean 1.616
RMS 1.086
size [# of strips]

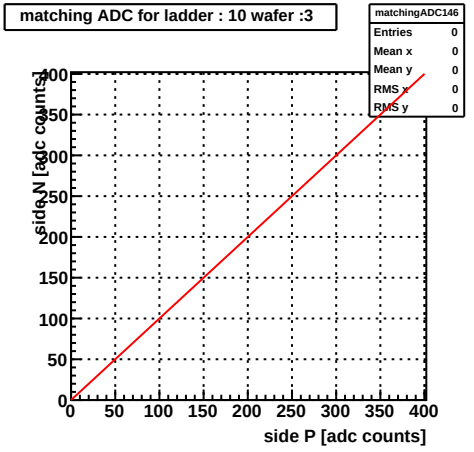

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 787
Mean x 81.03
Mean y 92.74
RMS x 62.98
RMS y 64.02
side N [adc counts]
side P [adc counts]

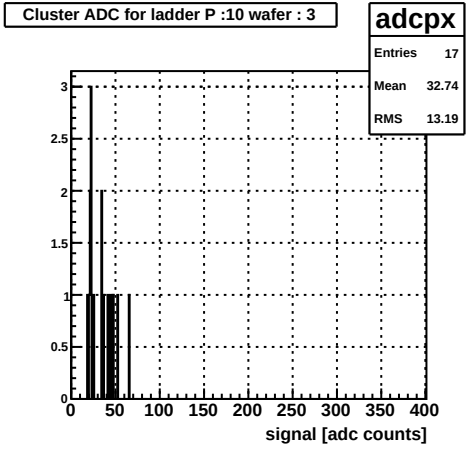

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1072
Mean 112.3
RMS 74.31
signal [adc counts]

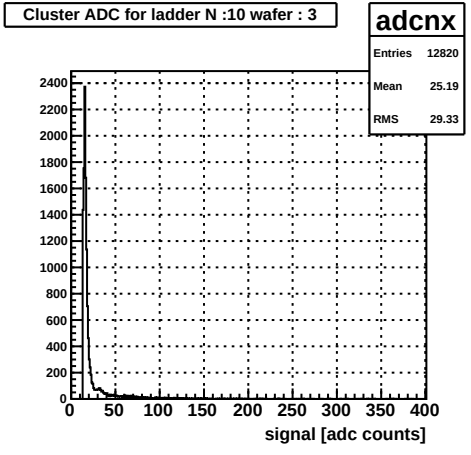

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3517
Mean 53.85
RMS 54.48
signal [adc counts]

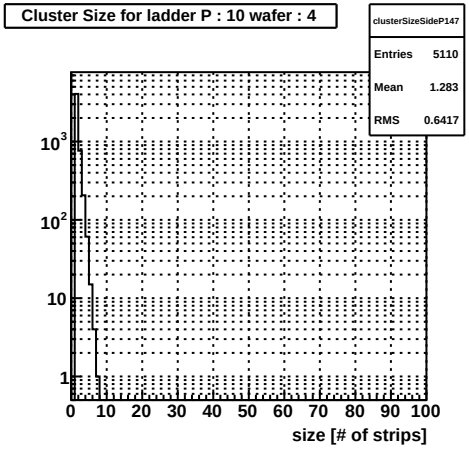

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 17
Mean 1
RMS 0
size [# of strips]

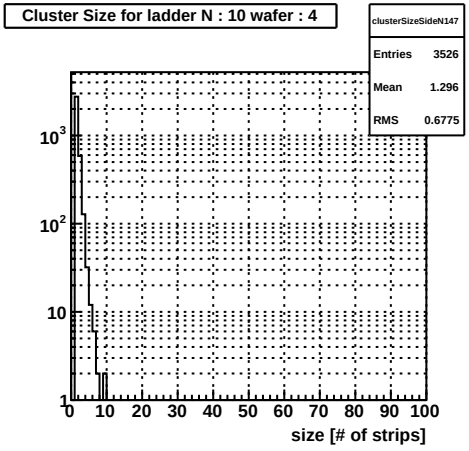

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12820
Mean 1.125
RMS 0.4183
size [# of strips]

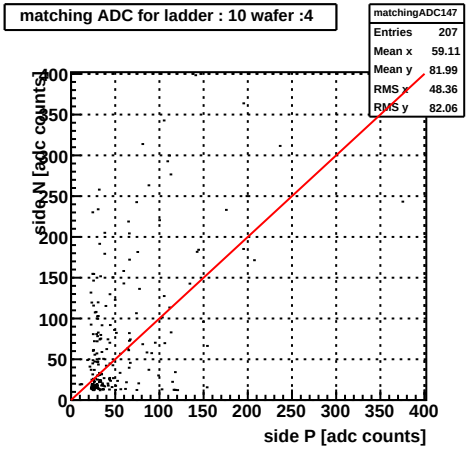

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

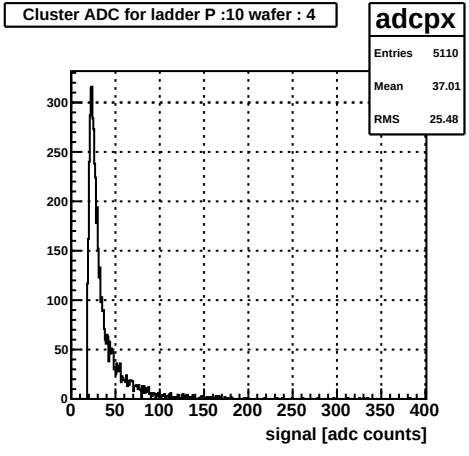

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 17
Mean 32.74
RMS 13.19
signal [adc counts]

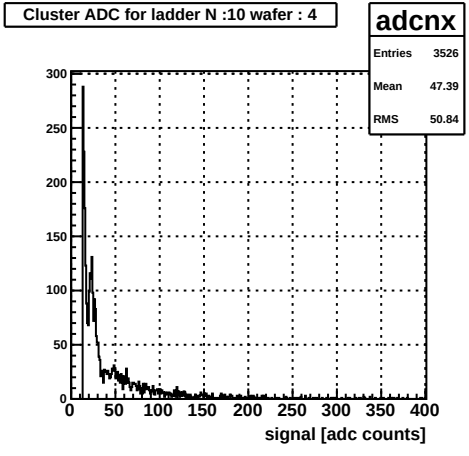

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12820
Mean 25.19
RMS 29.33
signal [adc counts]

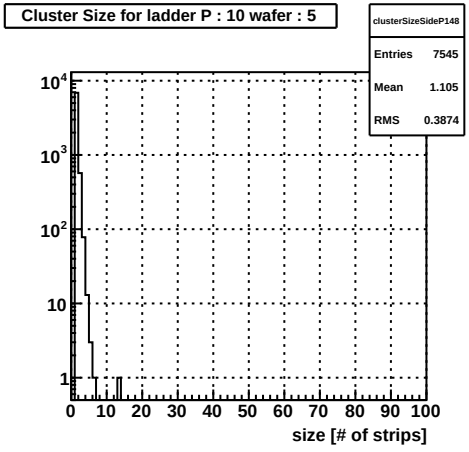

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5110
Mean 1.283
RMS 0.6417
size [# of strips]

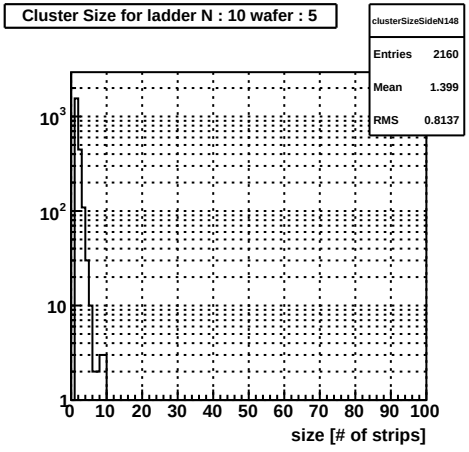

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3526
Mean 1.296
RMS 0.6775
size [# of strips]

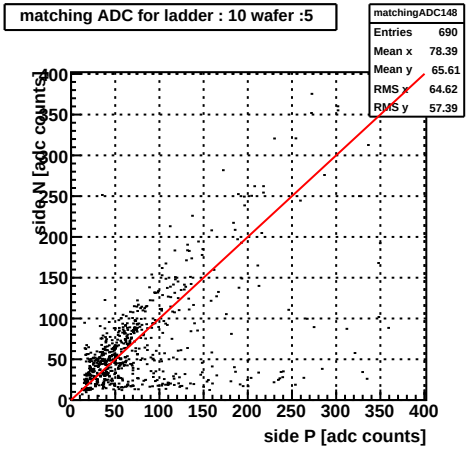

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 207
Mean x 59.11
Mean y 81.99
RMS x 48.36
RMS y 82.06
side N [adc counts]
side P [adc counts]

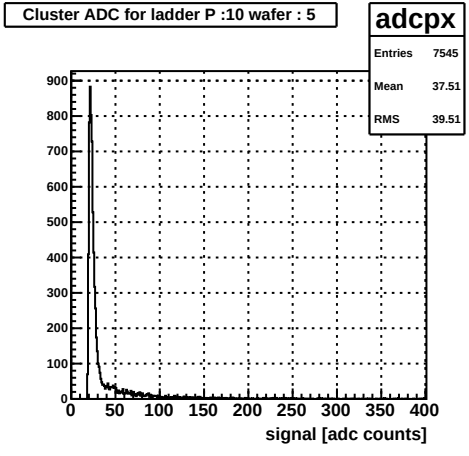

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5110
Mean 37.01
RMS 25.48
signal [adc counts]

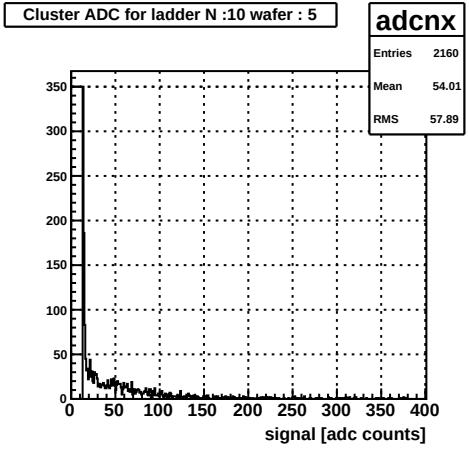

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3526
Mean 47.39
RMS 50.84
signal [adc counts]

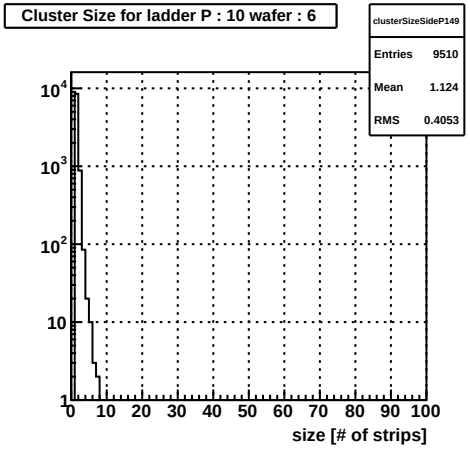

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7545
Mean 1.105
RMS 0.3874
size [# of strips]

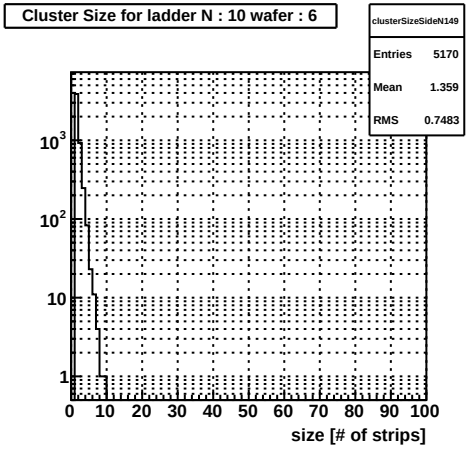

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2160
Mean 1.399
RMS 0.8137
size [# of strips]

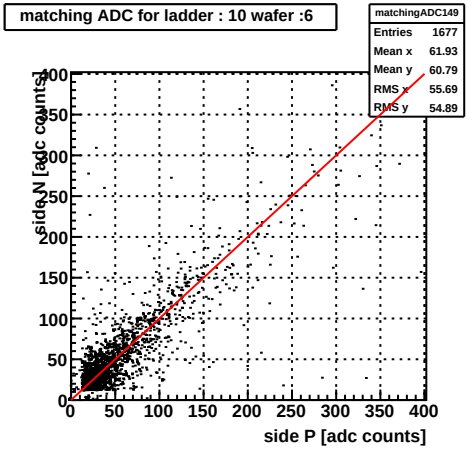

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 690
Mean x 78.39
Mean y 65.61
RMS x 64.62
RMS y 57.39
side N [adc counts]
side P [adc counts]

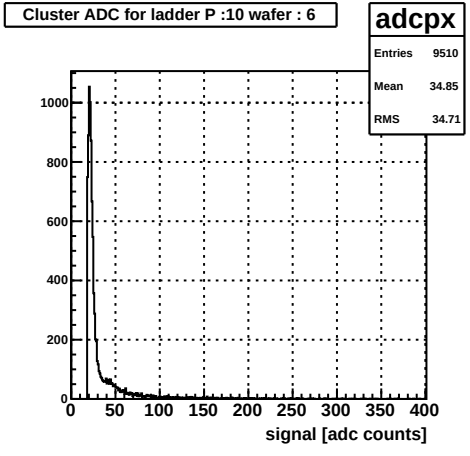

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7545
Mean 37.51
RMS 39.51
signal [adc counts]

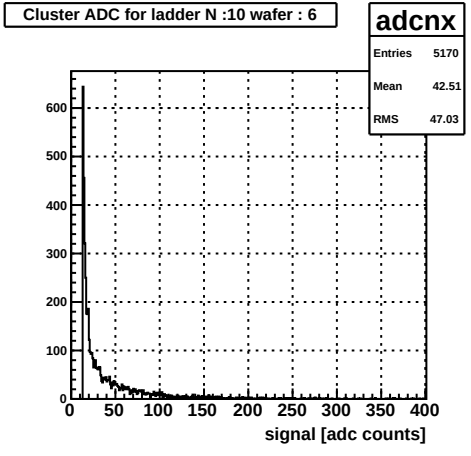

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2160
Mean 54.01
RMS 57.89
signal [adc counts]

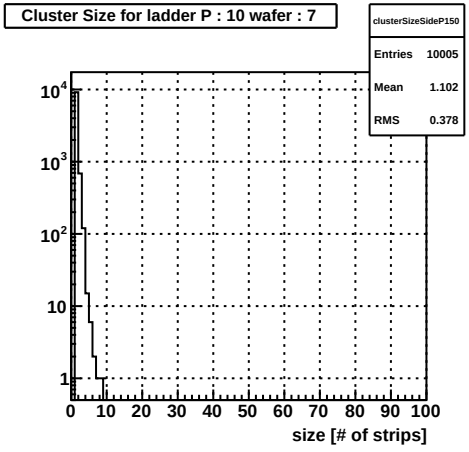

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9510
Mean 1.124
RMS 0.4053
size [# of strips]

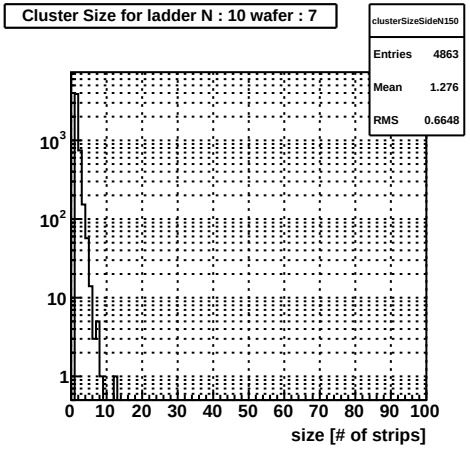

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5170
Mean 1.359
RMS 0.7483
size [# of strips]

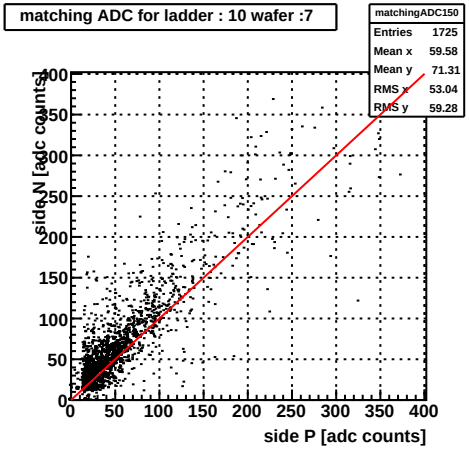

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1677
Mean x 61.93
Mean y 60.79
RMS x 55.69
RMS y 54.89
side N [adc counts]
side P [adc counts]

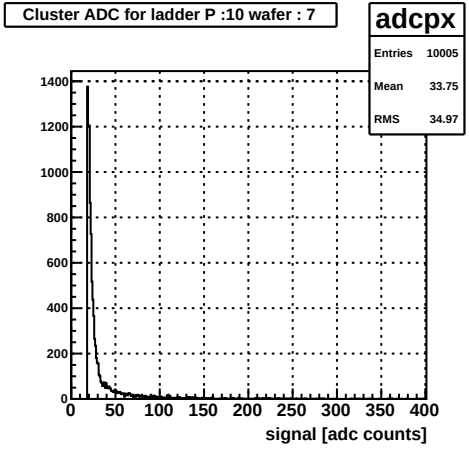

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9510
Mean 34.85
RMS 34.71
signal [adc counts]

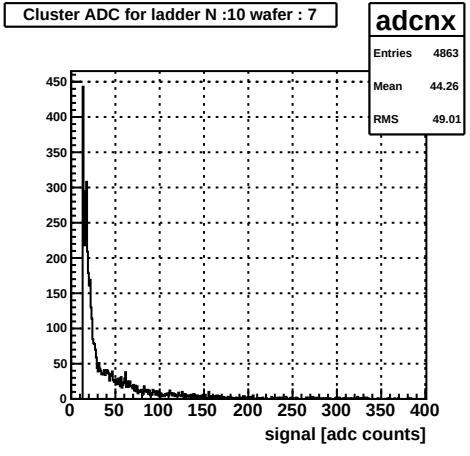

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5170
Mean 42.51
RMS 47.03
signal [adc counts]

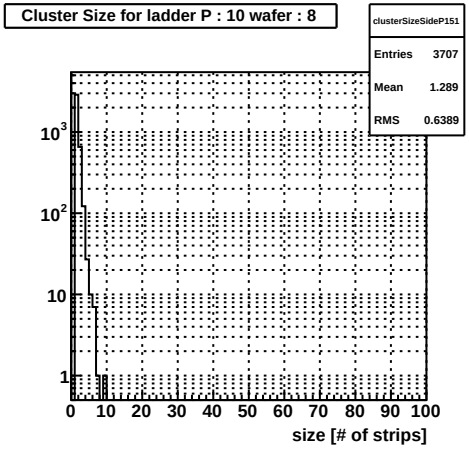

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10005
Mean 1.102
RMS 0.378
size [# of strips]

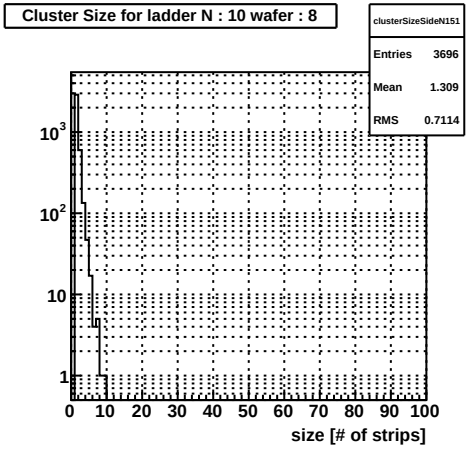

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4863
Mean 1.276
RMS 0.6648
size [# of strips]

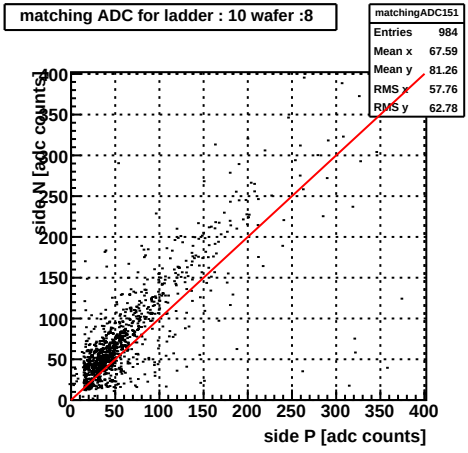

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1725
Mean x 59.58
Mean y 71.31
RMS x 53.04
RMS y 59.28
side N [adc counts]
side P [adc counts]

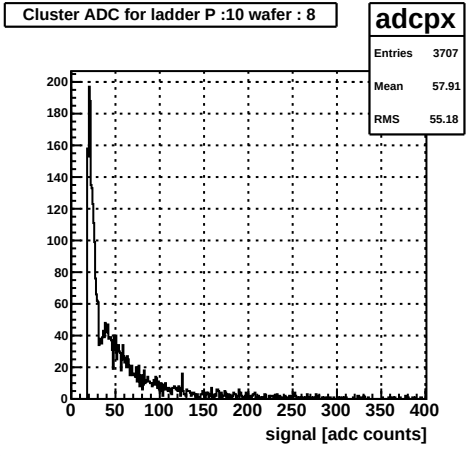

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10005
Mean 33.75
RMS 34.97
signal [adc counts]

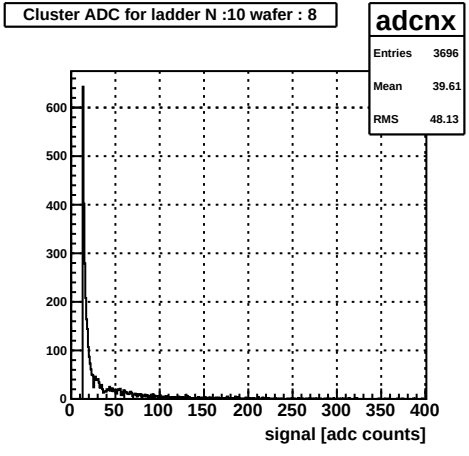

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4863
Mean 44.26
RMS 49.01
signal [adc counts]

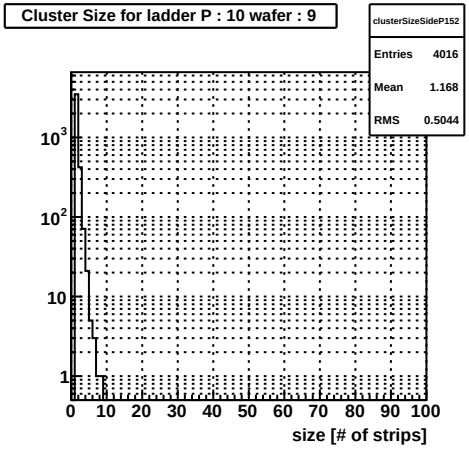

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3707
Mean 1.289
RMS 0.6389
size [# of strips]

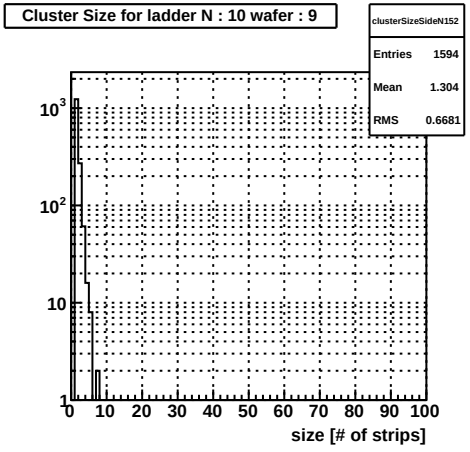

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3696
Mean 1.309
RMS 0.7114
size [# of strips]

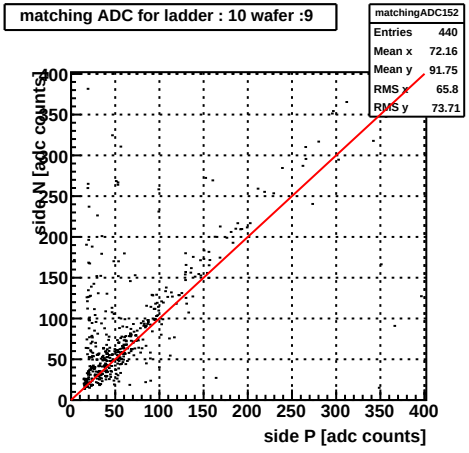

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 984
Mean x 67.59
Mean y 81.26
RMS x 57.76
RMS y 62.78
side N [adc counts]
side P [adc counts]

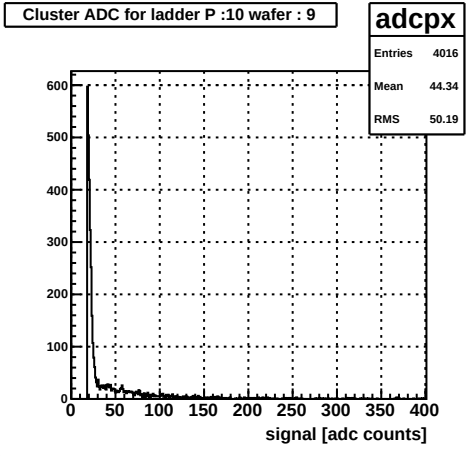

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3707
Mean 57.91
RMS 55.18
signal [adc counts]

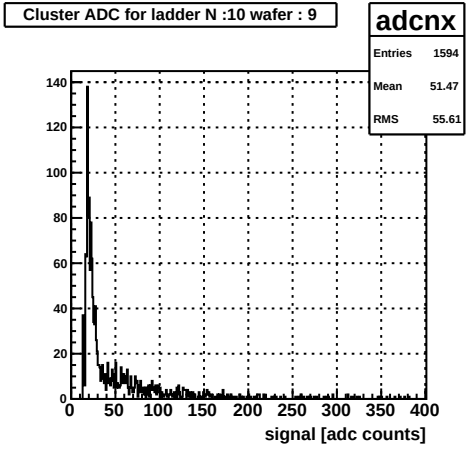

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3696
Mean 39.61
RMS 48.13
signal [adc counts]

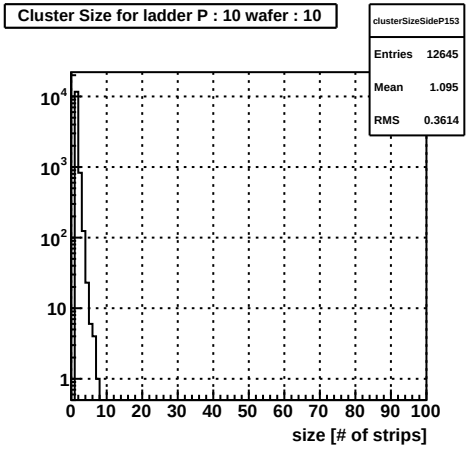

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4016
Mean 1.168
RMS 0.5044
size [# of strips]

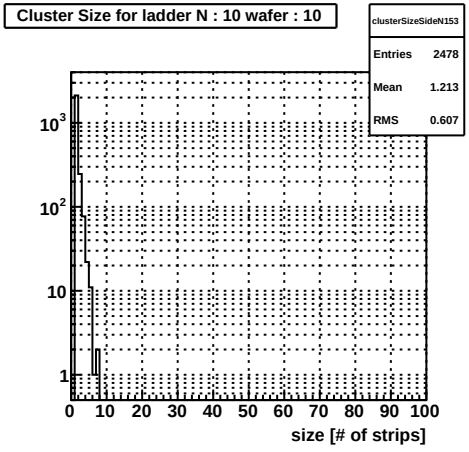

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1594
Mean 1.304
RMS 0.6681
size [# of strips]

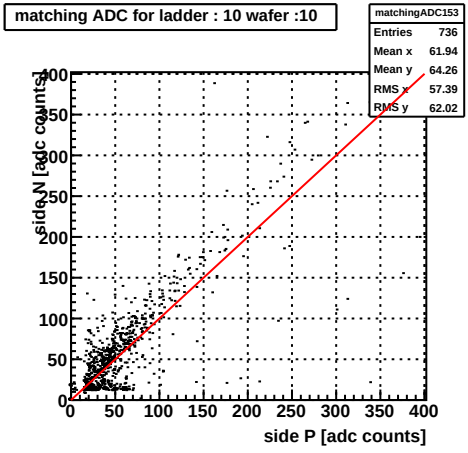

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 440
Mean x 72.16
Mean y 91.75
RMS x 65.8
RMS y 73.71
side N [adc counts]
side P [adc counts]

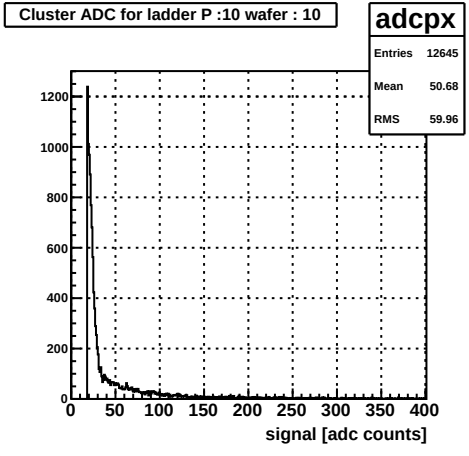

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4016
Mean 44.34
RMS 50.19
signal [adc counts]

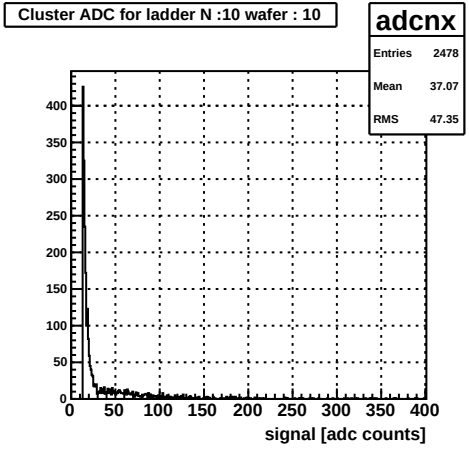

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1594
Mean 51.47
RMS 55.61
signal [adc counts]

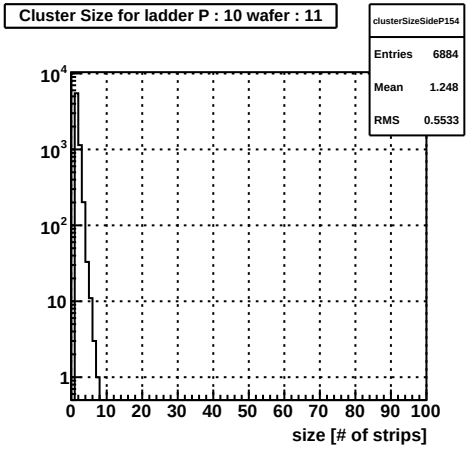

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12645
Mean 1.095
RMS 0.3614
size [# of strips]

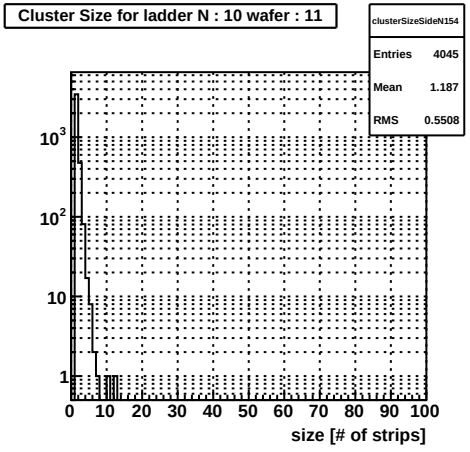

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2478
Mean 1.213
RMS 0.607
size [# of strips]

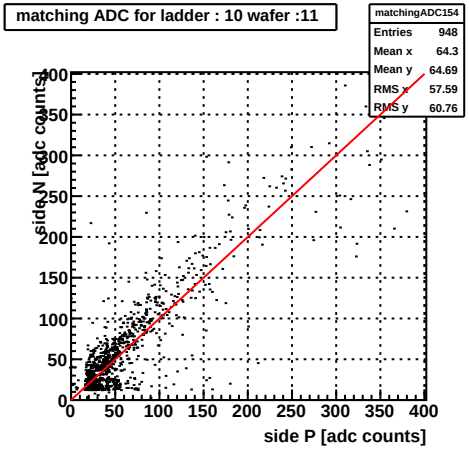

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 736
Mean x 61.94
Mean y 64.26
RMS x 57.39
RMS y 62.02
side N [adc counts]
side P [adc counts]

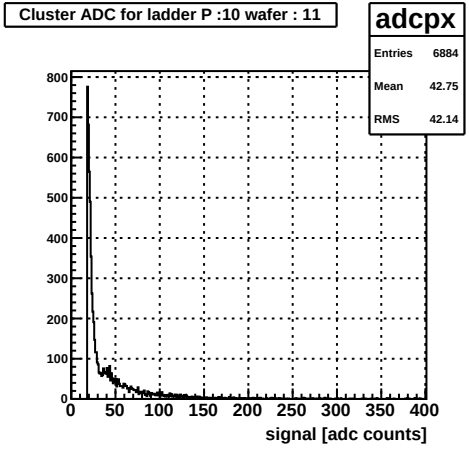

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12645
Mean 50.68
RMS 59.96
signal [adc counts]

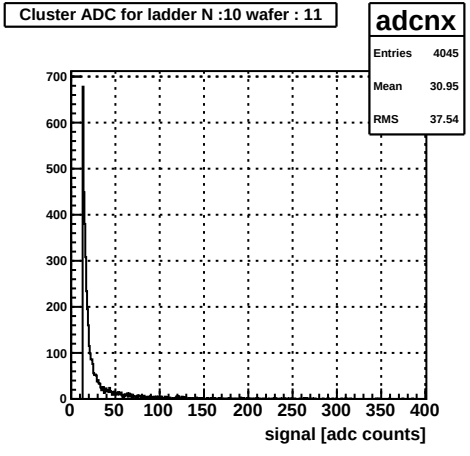

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2478
Mean 37.07
RMS 47.35
signal [adc counts]

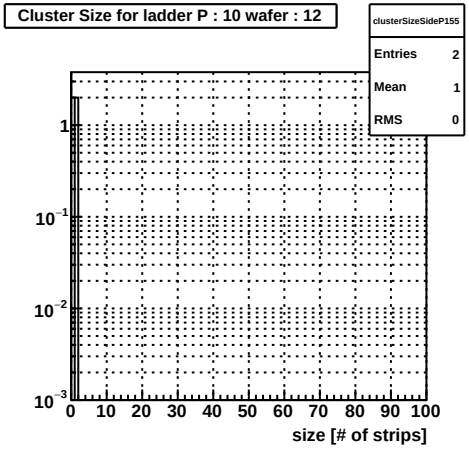

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6884
Mean 1.248
RMS 0.5533
size [# of strips]

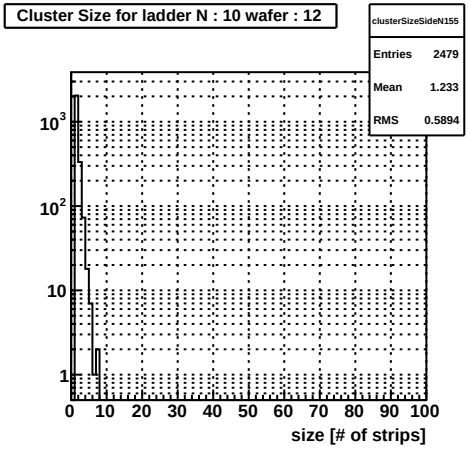

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4045
Mean 1.187
RMS 0.5508
size [# of strips]

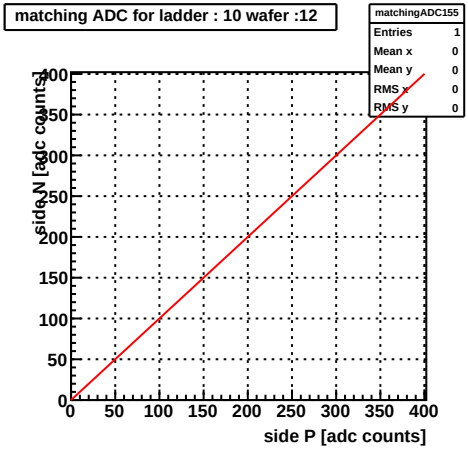

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 948
Mean x 64.3
Mean y 64.69
RMS x 57.59
RMS y 60.76
side N [adc counts]
side P [adc counts]

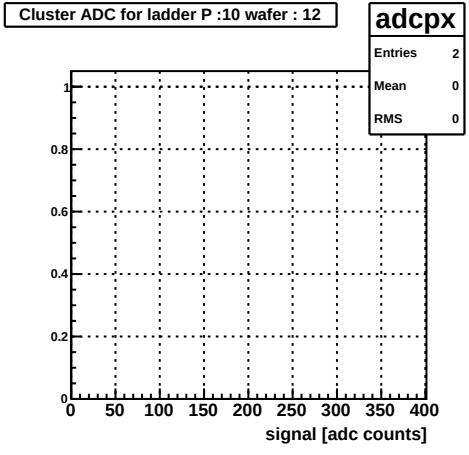

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6884
Mean 42.75
RMS 42.14
signal [adc counts]

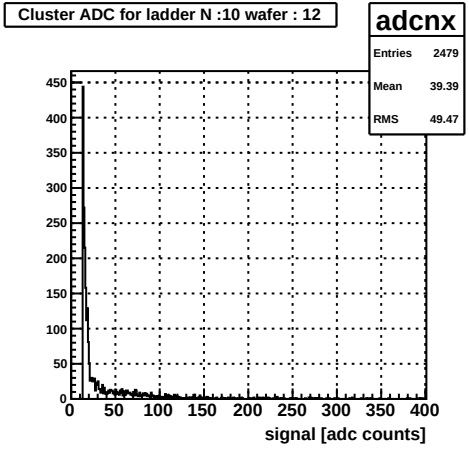

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4045
Mean 30.95
RMS 37.54
signal [adc counts]

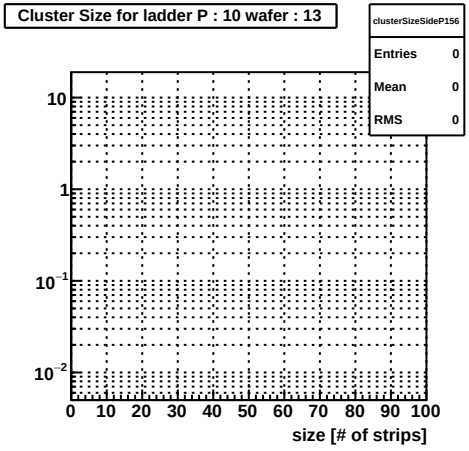

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 2
Mean 1
RMS 0
size [# of strips]

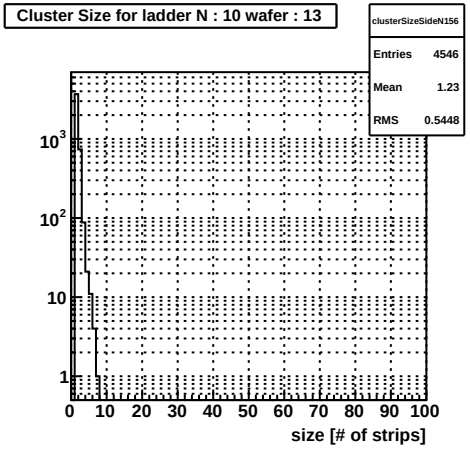

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2479
Mean 1.233
RMS 0.5894
size [# of strips]

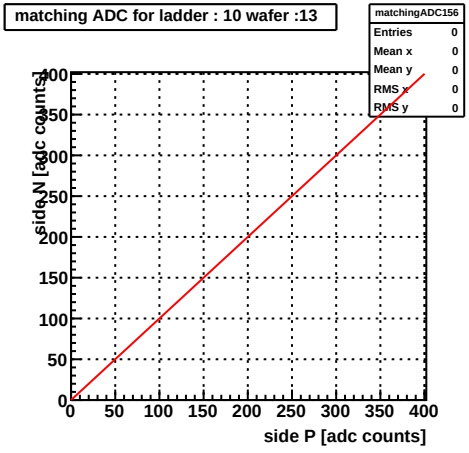

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

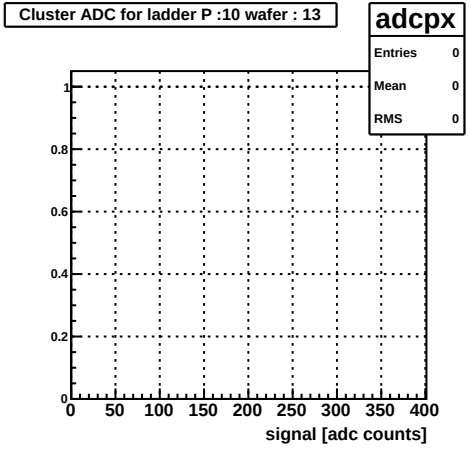

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

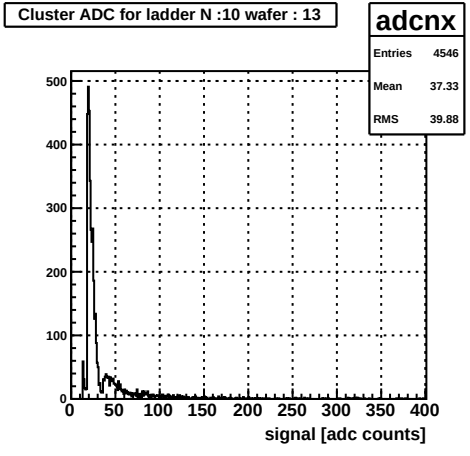

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2479
Mean 39.39
RMS 49.47
signal [adc counts]

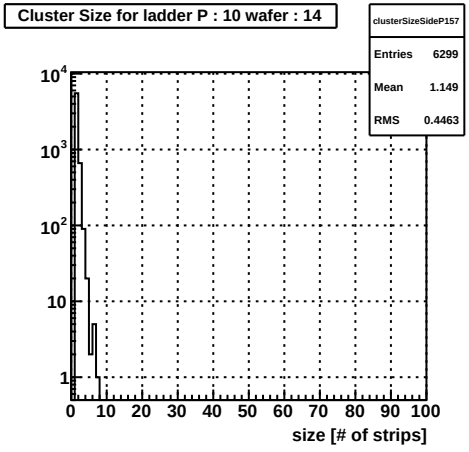

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

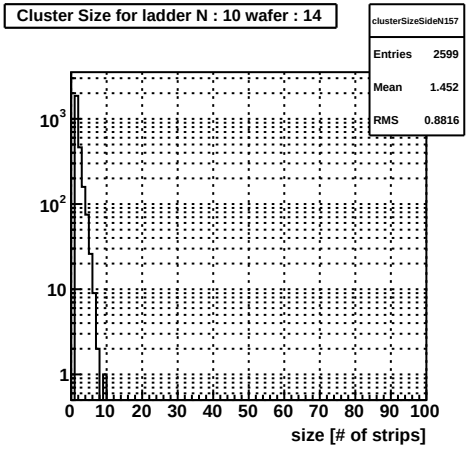

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4546
Mean 1.23
RMS 0.5448
size [# of strips]

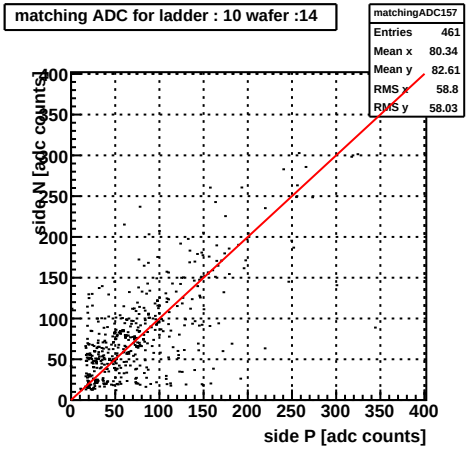

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

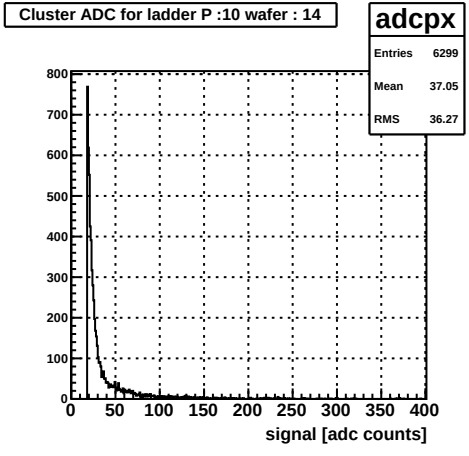

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

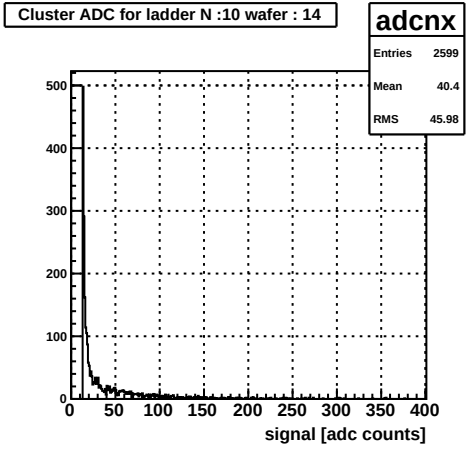

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4546
Mean 37.33
RMS 39.88
signal [adc counts]

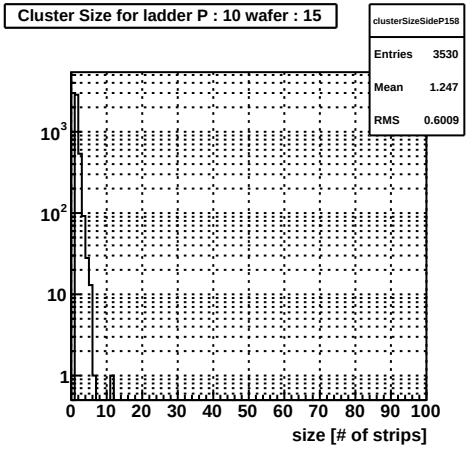

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6299
Mean 1.149
RMS 0.4463
size [# of strips]

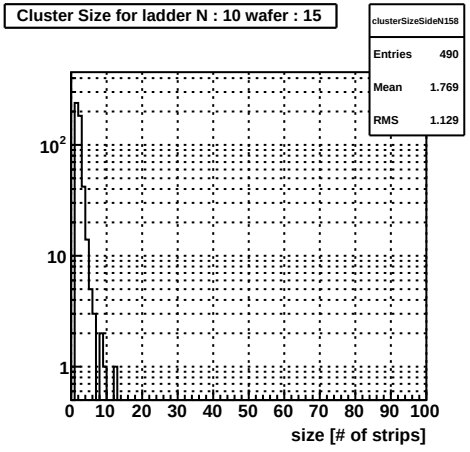

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2599
Mean 1.452
RMS 0.8816
size [# of strips]

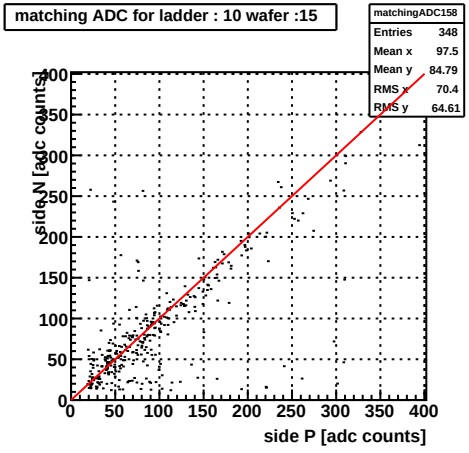

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 461
Mean x 80.34
Mean y 82.61
RMS x 58.8
RMS y 58.03
side N [adc counts]
side P [adc counts]

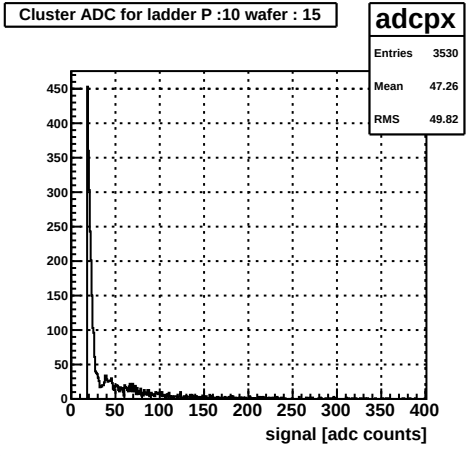

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6299
Mean 37.05
RMS 36.27
signal [adc counts]

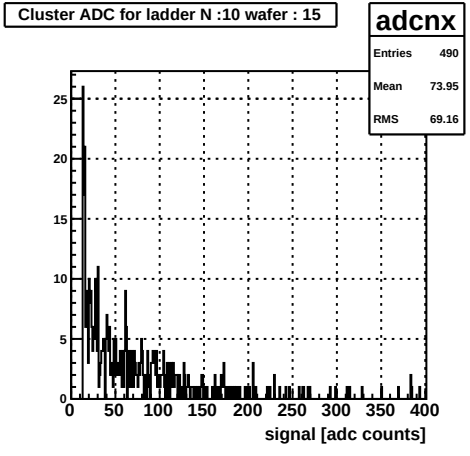

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2599
Mean 40.4
RMS 45.98
signal [adc counts]

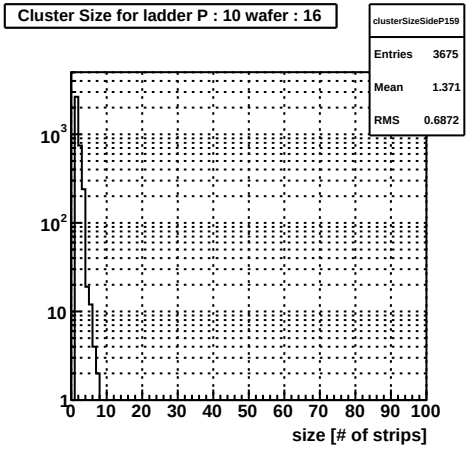

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3530
Mean 1.247
RMS 0.6009
size [# of strips]

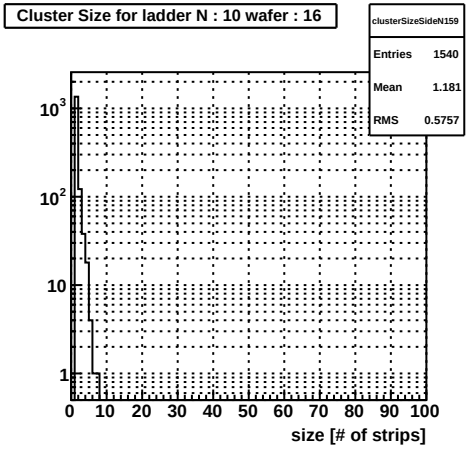

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 490
Mean 1.769
RMS 1.129
size [# of strips]

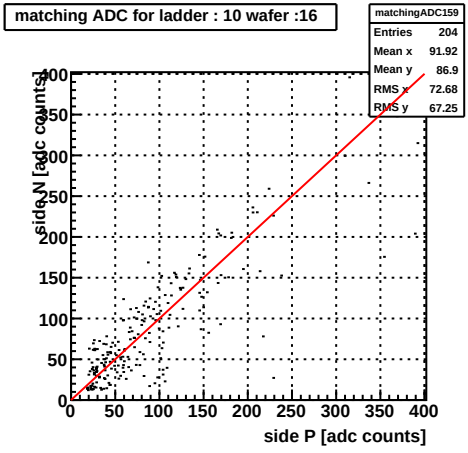

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 348
Mean x 97.5
Mean y 84.79
RMS x 70.4
RMS y 64.61
side N [adc counts]
side P [adc counts]

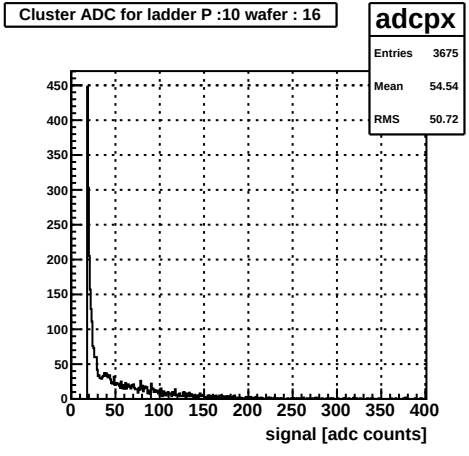

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3530
Mean 47.26
RMS 49.82
signal [adc counts]

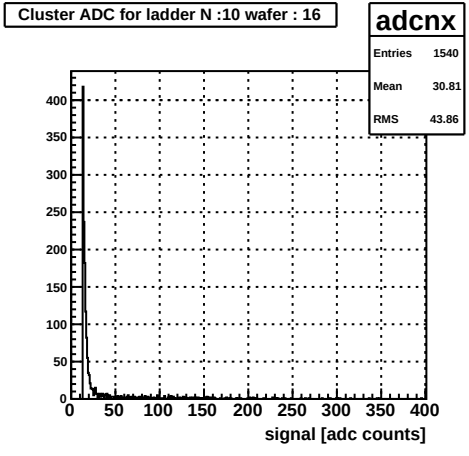

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 490
Mean 73.95
RMS 69.16
signal [adc counts]

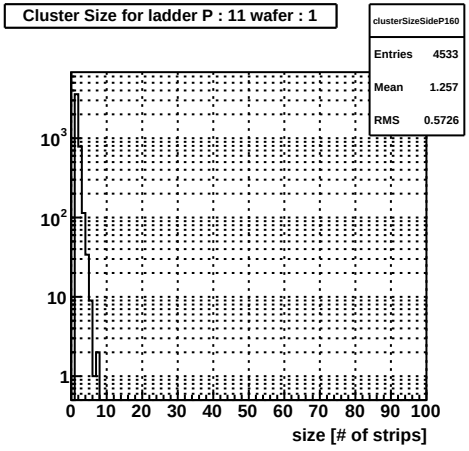

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3675
Mean 1.371
RMS 0.6872
size [# of strips]

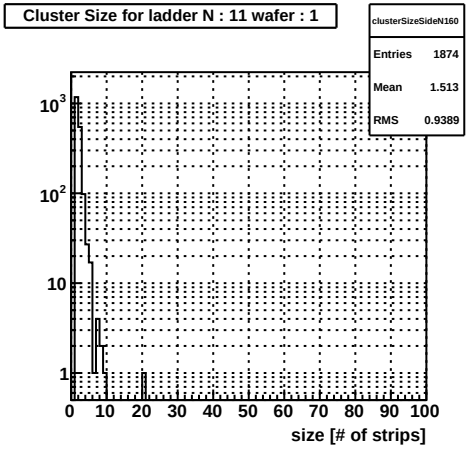

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1540
Mean 1.181
RMS 0.5757
size [# of strips]

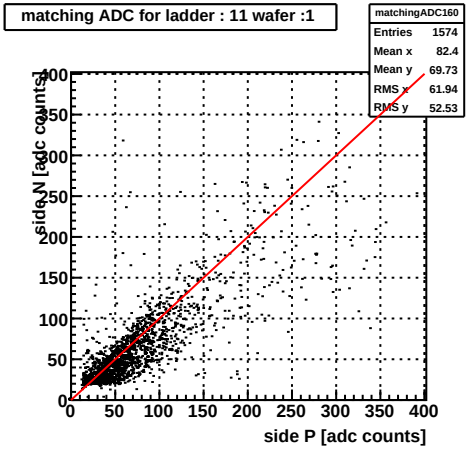

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 204
Mean x 91.92
Mean y 86.9
RMS x 72.68
RMS y 67.25
side N [adc counts]
side P [adc counts]

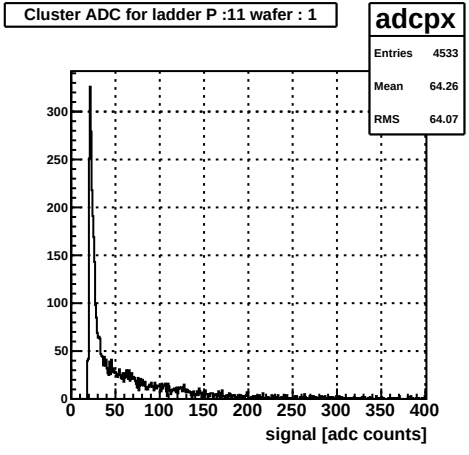

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3675
Mean 54.54
RMS 50.72
signal [adc counts]

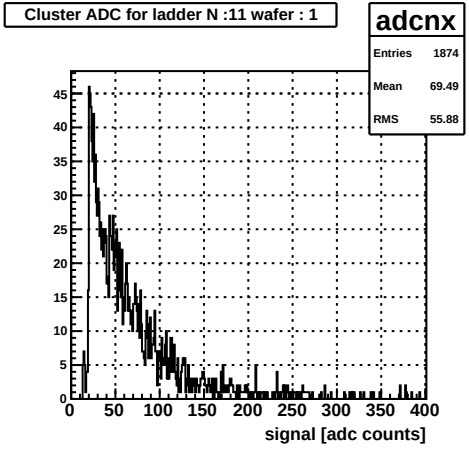

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1540
Mean 30.81
RMS 43.86
signal [adc counts]

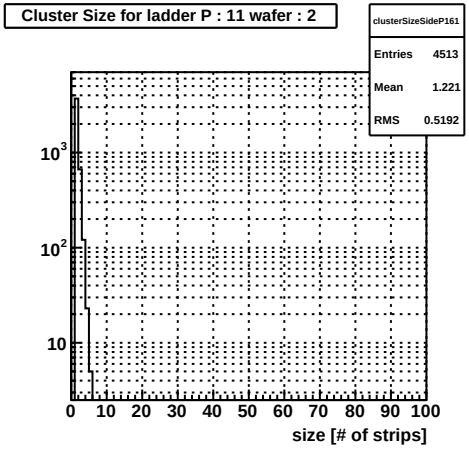

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4533
Mean 1.257
RMS 0.5726
size [# of strips]

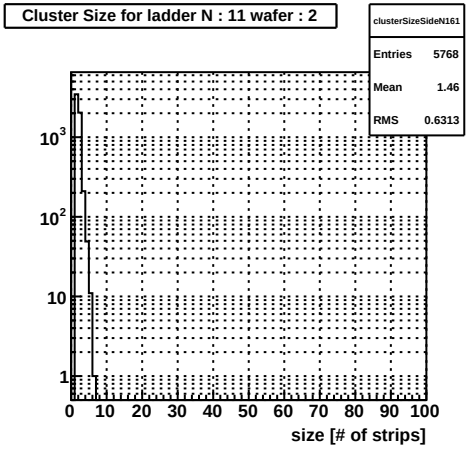

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1874
Mean 1.513
RMS 0.9389
size [# of strips]

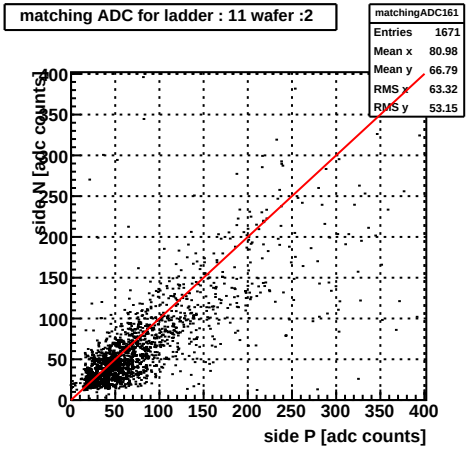

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1574
Mean x 82.4
Mean y 69.73
RMS x 61.94
RMS y 52.53
side N [adc counts]
side P [adc counts]

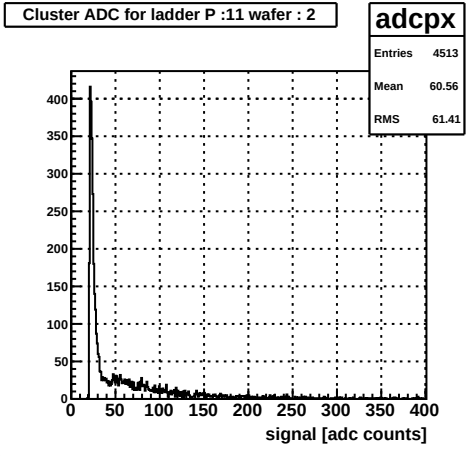

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4533
Mean 64.26
RMS 64.07
signal [adc counts]

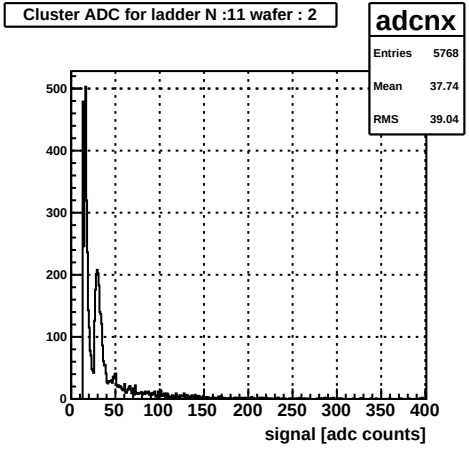

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1874
Mean 69.49
RMS 55.88
signal [adc counts]

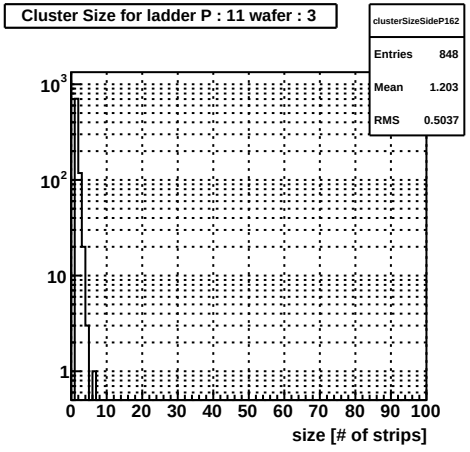

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4513
Mean 1.221
RMS 0.5192
size [# of strips]

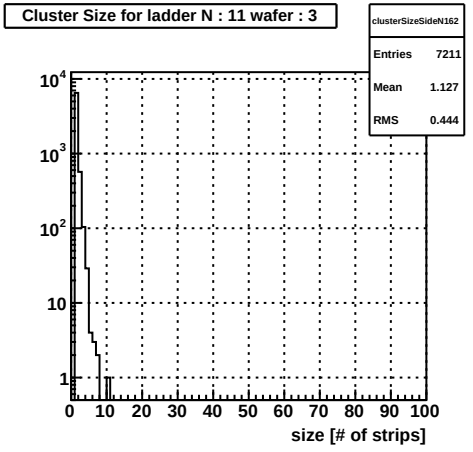

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5768
Mean 1.46
RMS 0.6313
size [# of strips]

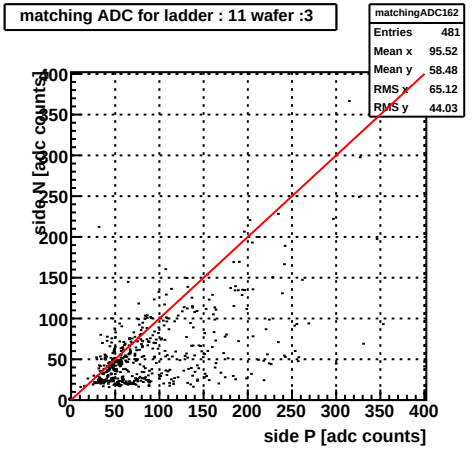

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1671
Mean x 80.98
Mean y 66.79
RMS x 63.32
RMS y 53.15
side N [adc counts]
side P [adc counts]

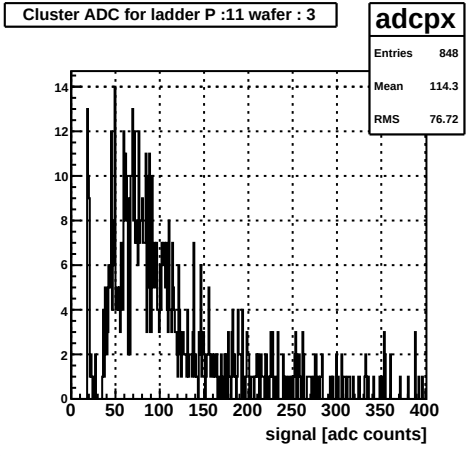

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4513
Mean 60.56
RMS 61.41
signal [adc counts]

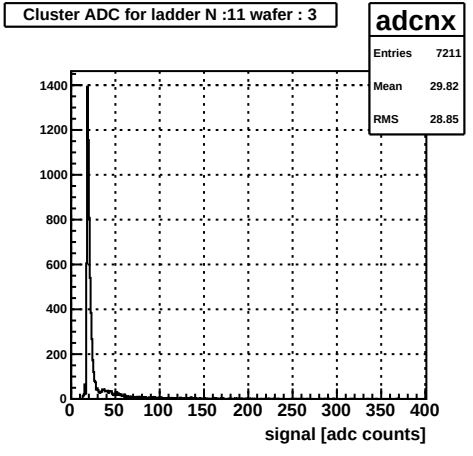

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5768
Mean 37.74
RMS 39.04
signal [adc counts]

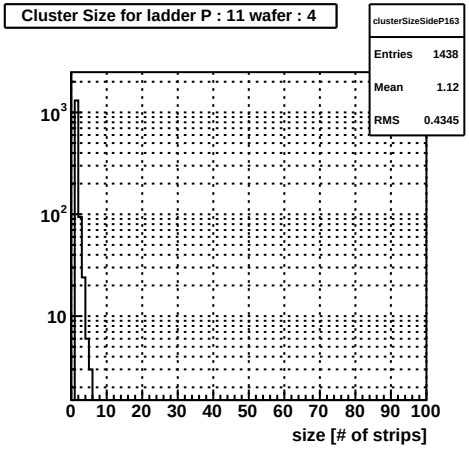

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 848
Mean 1.203
RMS 0.5037
size [# of strips]

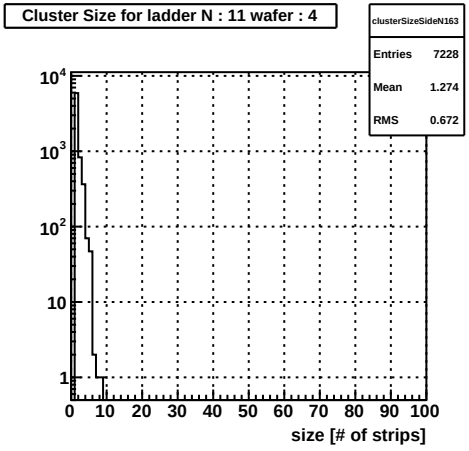

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 7211
Mean 1.127
RMS 0.444
size [# of strips]

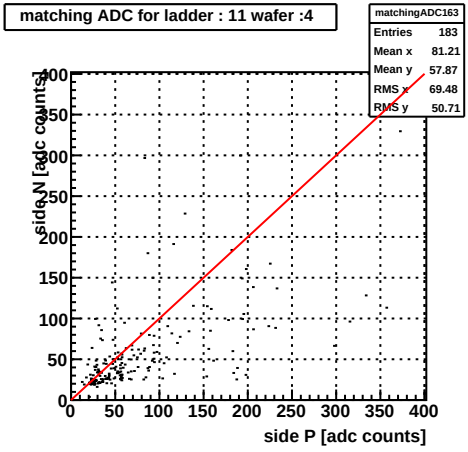

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 481
Mean x 95.52
Mean y 58.48
RMS x 65.12
RMS y 44.03
side N [adc counts]
side P [adc counts]

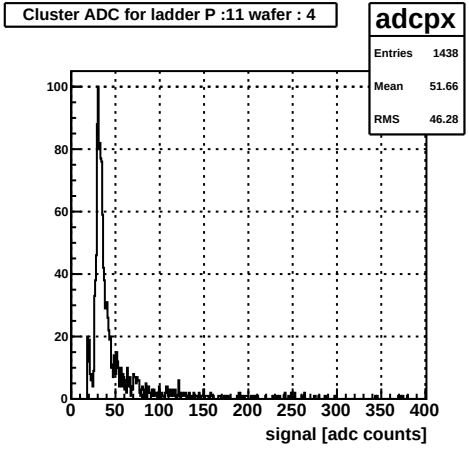

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 848
Mean 114.3
RMS 76.72
signal [adc counts]

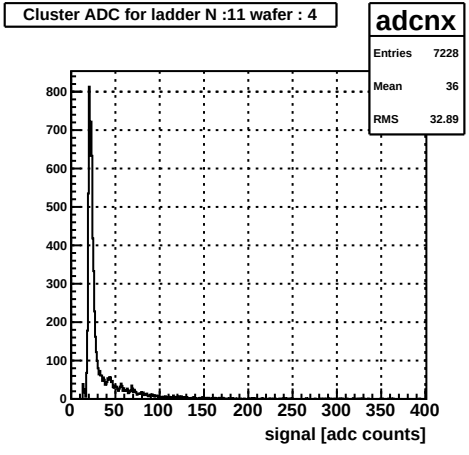

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 7211
Mean 29.82
RMS 28.85
signal [adc counts]

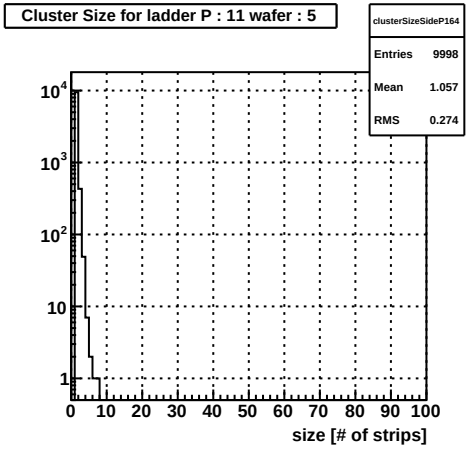

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1438
Mean 1.12
RMS 0.4345
size [# of strips]

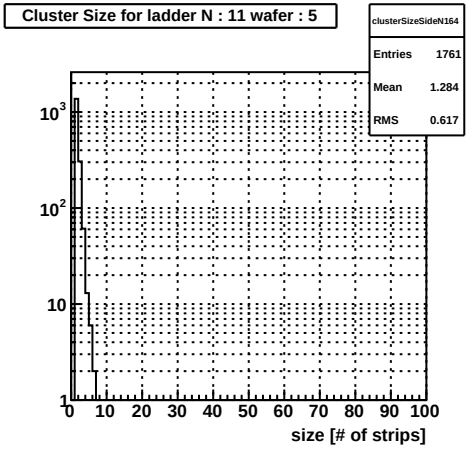

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7228
Mean 1.274
RMS 0.672
size [# of strips]

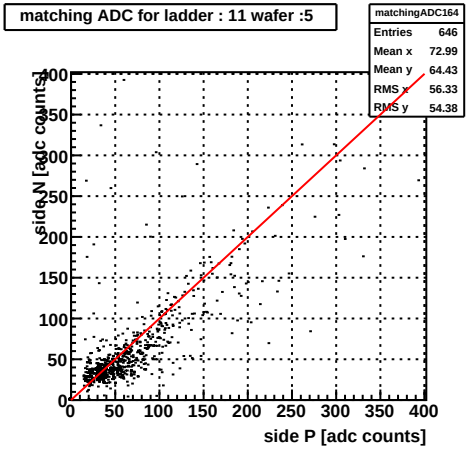

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 183
Mean x 81.21
Mean y 57.87
RMS x 69.48
RMS y 50.71
side N [adc counts]
side P [adc counts]

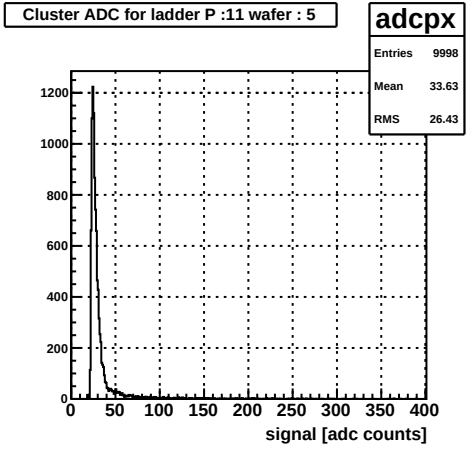

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1438
Mean 51.66
RMS 46.28
signal [adc counts]

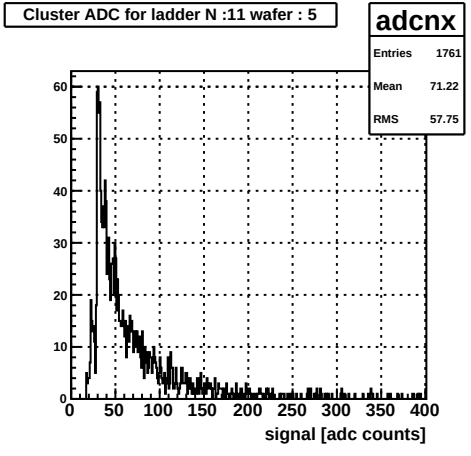

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7228
Mean 36
RMS 32.89
signal [adc counts]

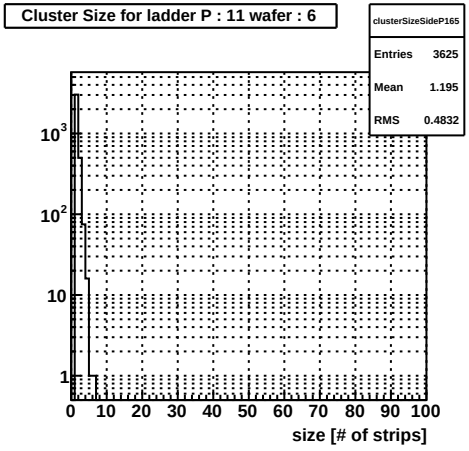

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 9998
Mean 1.057
RMS 0.274
size [# of strips]

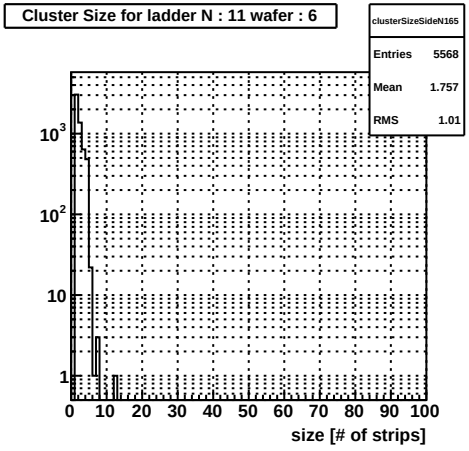

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1761
Mean 1.284
RMS 0.617
size [# of strips]

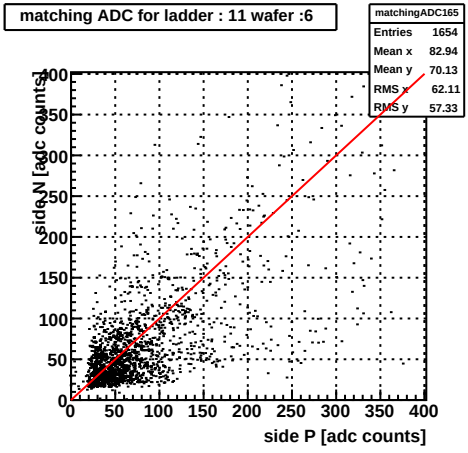

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 646
Mean x 72.99
Mean y 64.43
RMS x 56.33
RMS y 54.38
side N [adc counts]
side P [adc counts]

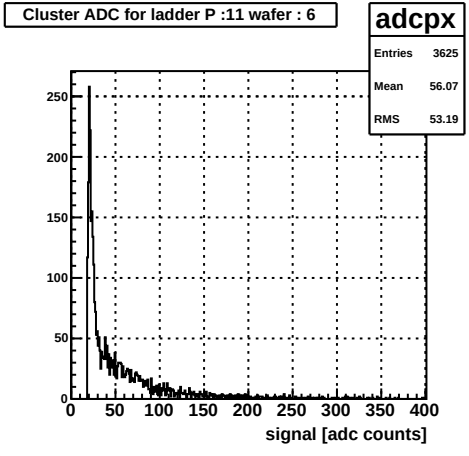

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 9998
Mean 33.63
RMS 26.43
signal [adc counts]

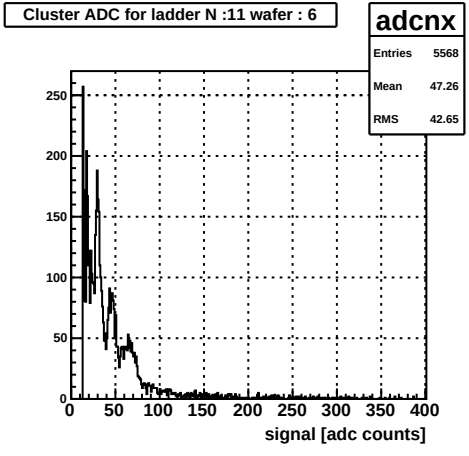

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1761
Mean 71.22
RMS 57.75
signal [adc counts]

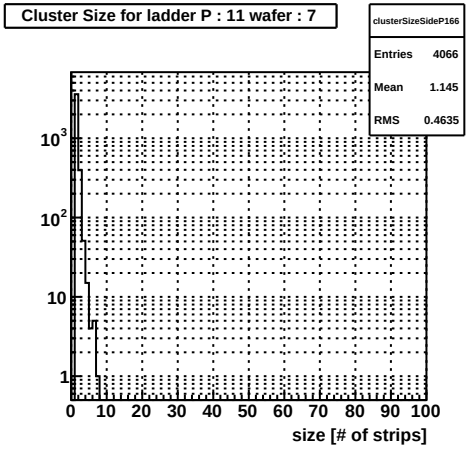

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3625
Mean 1.195
RMS 0.4832
size [# of strips]

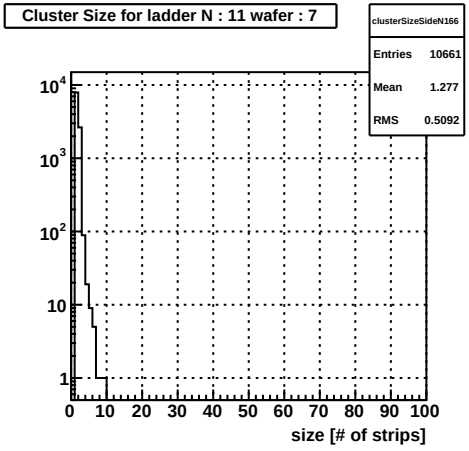

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5568
Mean 1.757
RMS 1.01
size [# of strips]

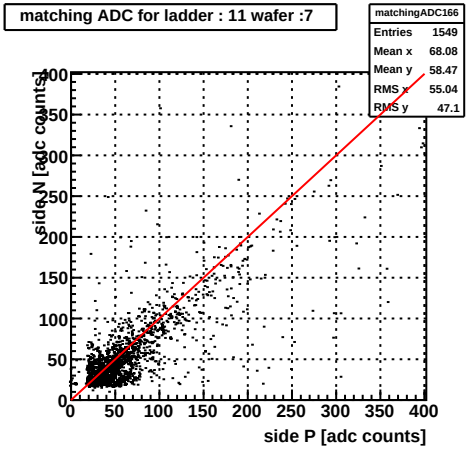

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1654
Mean x 82.94
Mean y 70.13
RMS x 62.11
RMS y 57.33
side N [adc counts]
side P [adc counts]

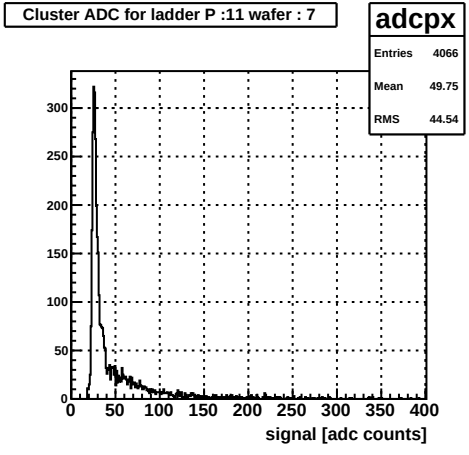

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3625
Mean 56.07
RMS 53.19
signal [adc counts]

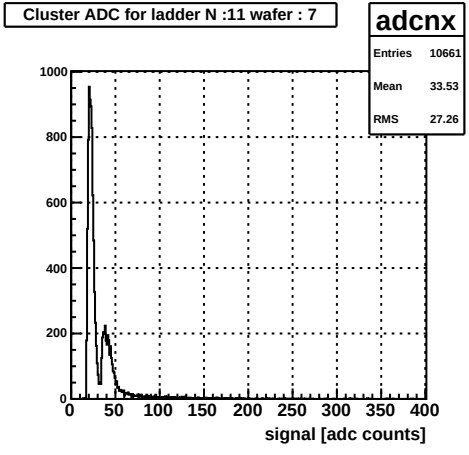

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5568
Mean 47.26
RMS 42.65
signal [adc counts]

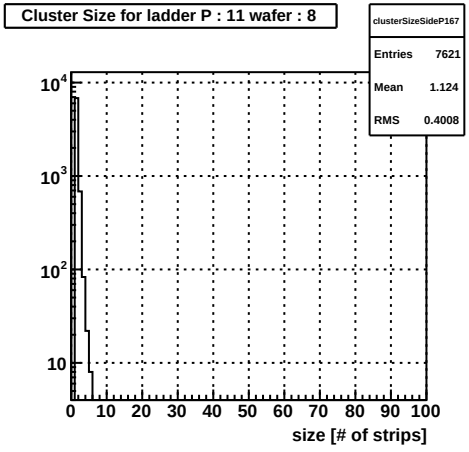

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4066
Mean 1.145
RMS 0.4635
size [# of strips]

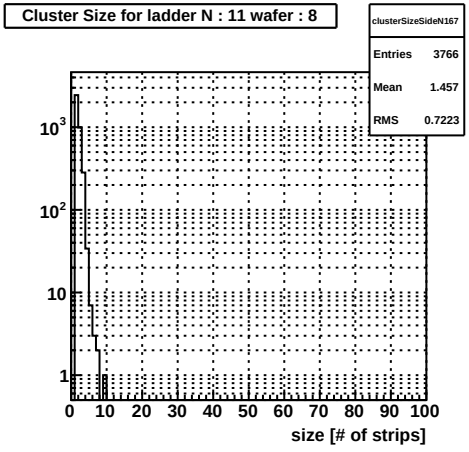

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 10661
Mean 1.277
RMS 0.5092
size [# of strips]

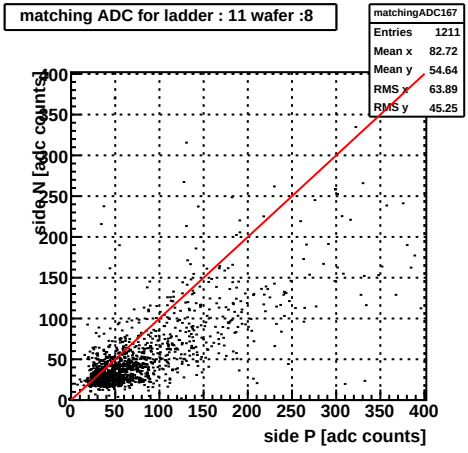

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1549
Mean x 68.08
Mean y 58.47
RMS x 55.04
RMS y 47.1
side N [adc counts]
side P [adc counts]

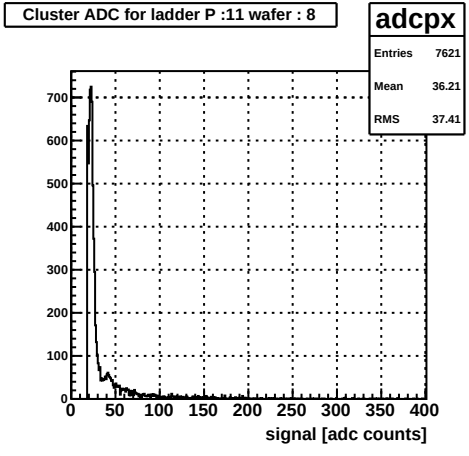

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4066
Mean 49.75
RMS 44.54
signal [adc counts]

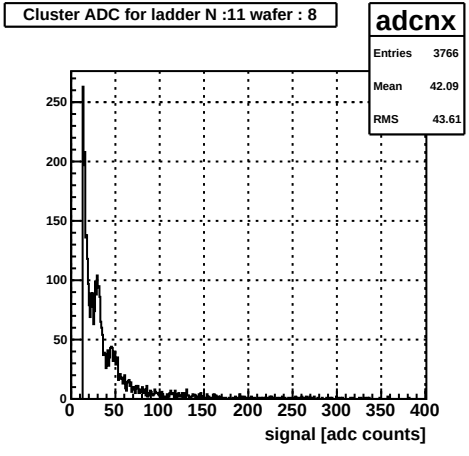

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 10661
Mean 33.53
RMS 27.26
signal [adc counts]

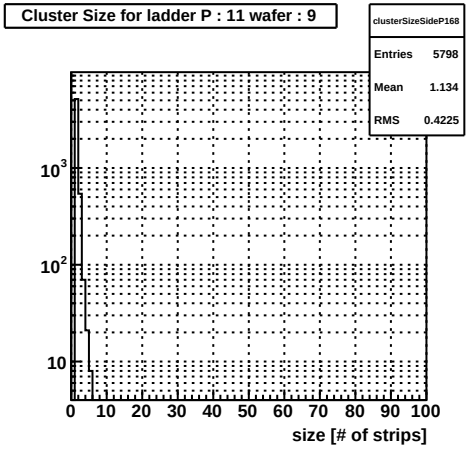

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7621
Mean 1.124
RMS 0.4008
size [# of strips]

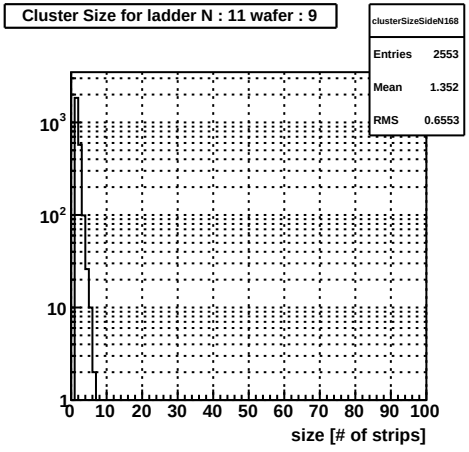

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3766
Mean 1.457
RMS 0.7223
size [# of strips]

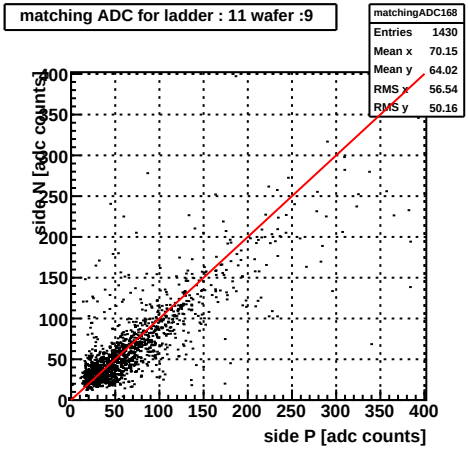

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1211
Mean x 82.72
Mean y 54.64
RMS x 63.89
RMS y 45.25
side N [adc counts]
side P [adc counts]

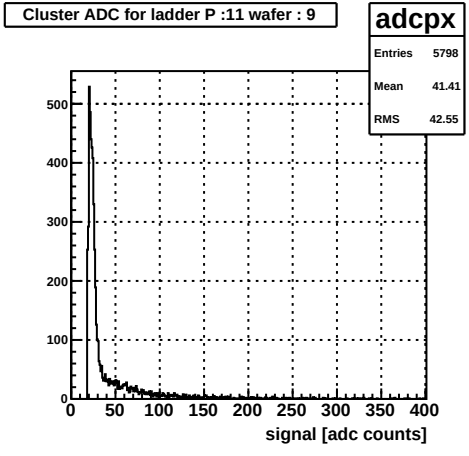

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7621
Mean 36.21
RMS 37.41
signal [adc counts]

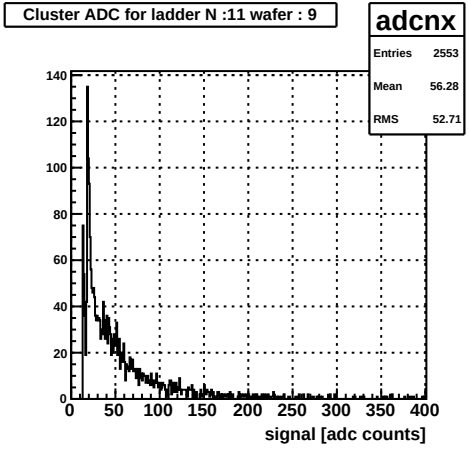

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3766
Mean 42.09
RMS 43.61
signal [adc counts]

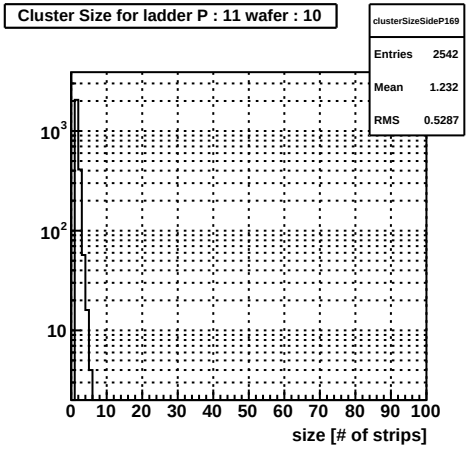

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5798
Mean 1.134
RMS 0.4225
size [# of strips]

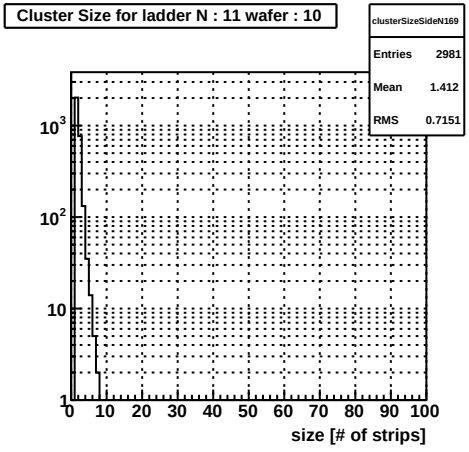

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2553
Mean 1.352
RMS 0.6553
size [# of strips]

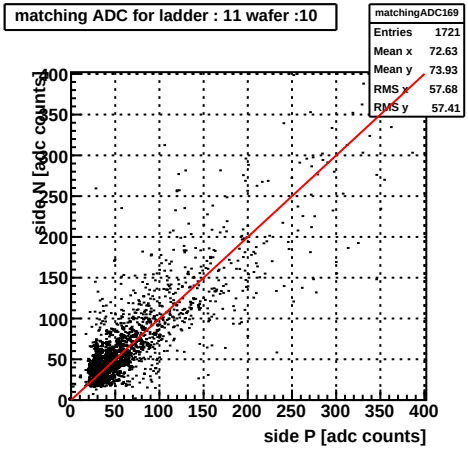

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1430
Mean x 70.15
Mean y 64.02
RMS x 56.54
RMS y 50.16
side N [adc counts]
side P [adc counts]

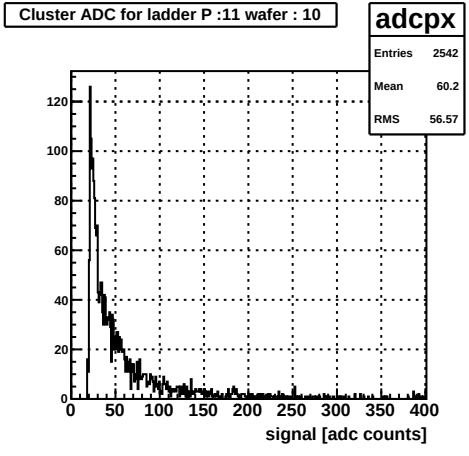

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5798
Mean 41.41
RMS 42.55
signal [adc counts]

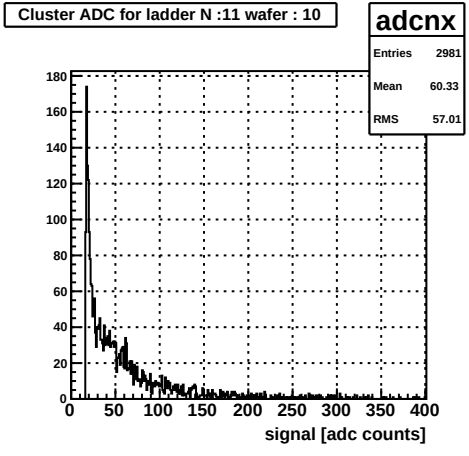

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2553
Mean 56.28
RMS 52.71
signal [adc counts]

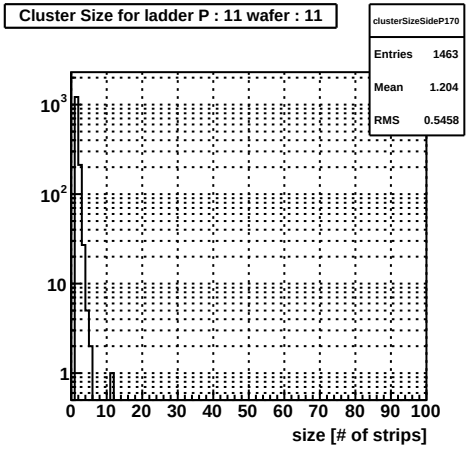

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2542
Mean 1.232
RMS 0.5287
size [# of strips]

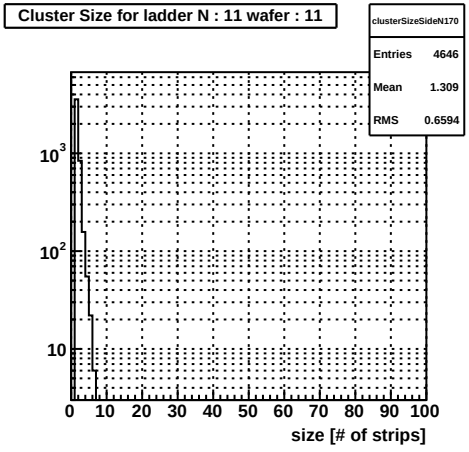

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2981
Mean 1.412
RMS 0.7151
size [# of strips]

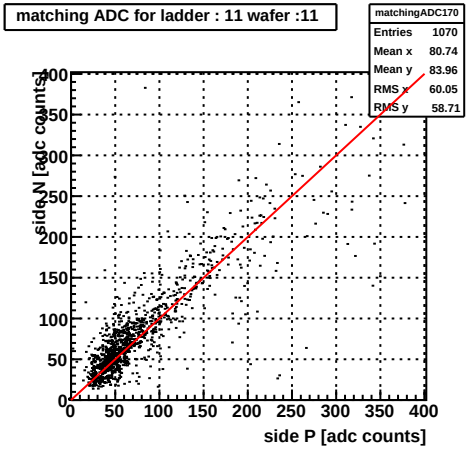

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1721
Mean x 72.63
Mean y 73.93
RMS x 57.68
RMS y 57.41
side N [adc counts]
side P [adc counts]

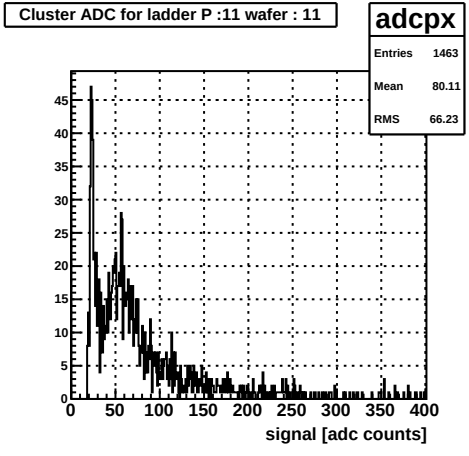

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2542
Mean 60.2
RMS 56.57
signal [adc counts]

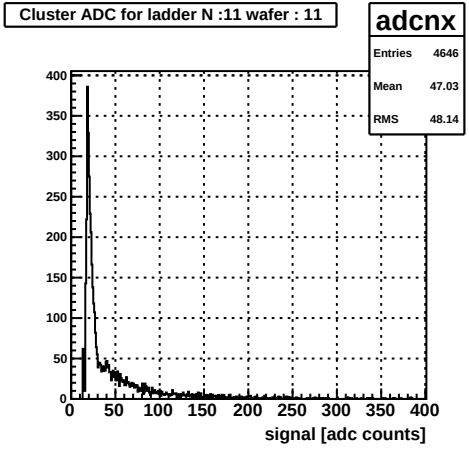

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2981
Mean 60.33
RMS 57.01
signal [adc counts]

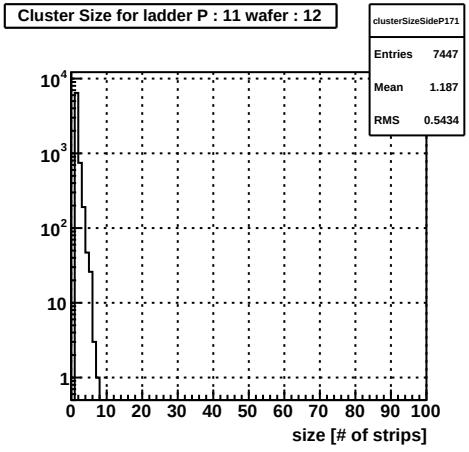

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1463
Mean 1.204
RMS 0.5458
size [# of strips]

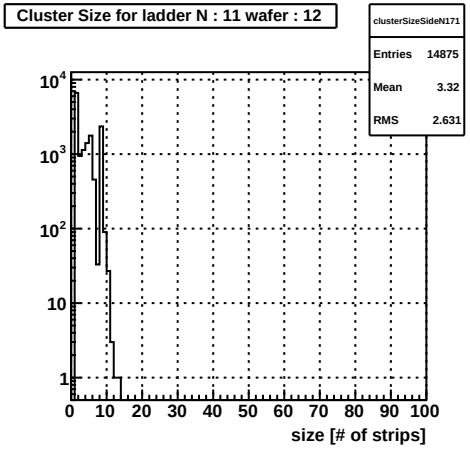

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4646
Mean 1.309
RMS 0.6594
size [# of strips]

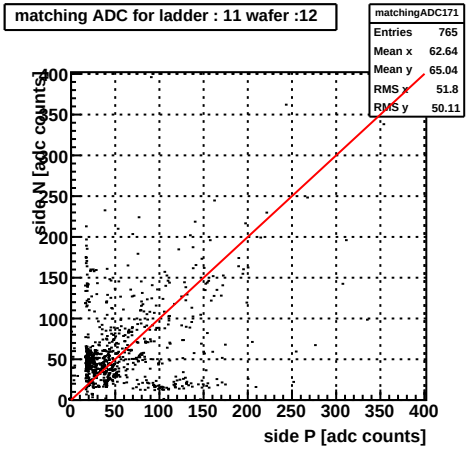

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1070
Mean x 80.74
Mean y 83.96
RMS x 60.05
RMS y 58.71
side N [adc counts]
side P [adc counts]

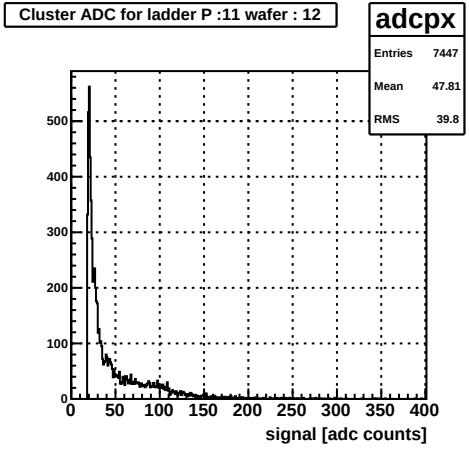

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1463
Mean 80.11
RMS 66.23
signal [adc counts]

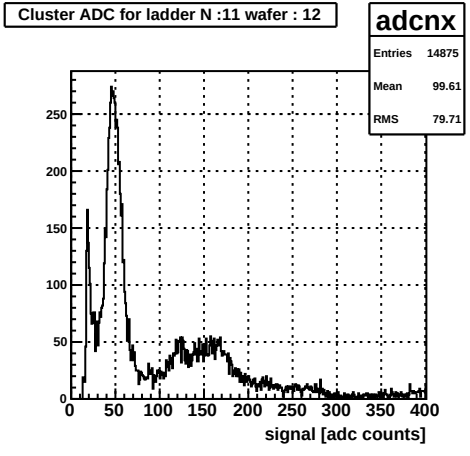

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4646
Mean 47.03
RMS 48.14
signal [adc counts]

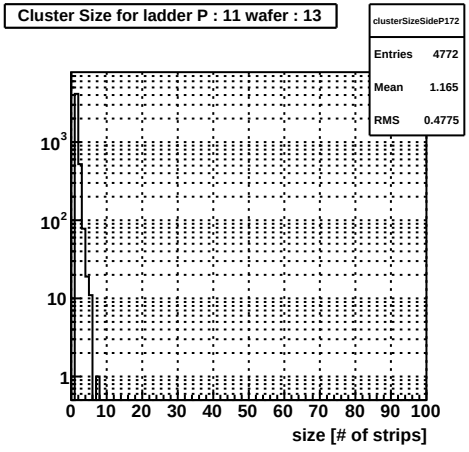

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7447
Mean 1.187
RMS 0.5434
size [# of strips]

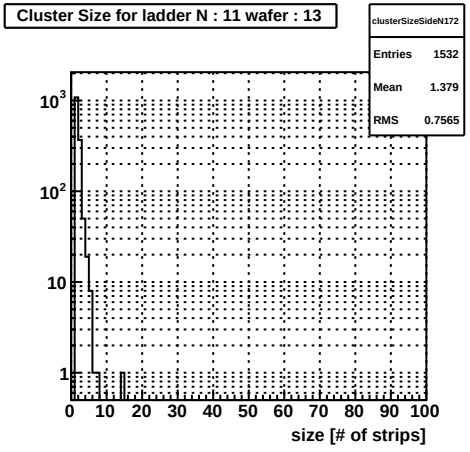

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 14875
Mean 3.32
RMS 2.631
size [# of strips]

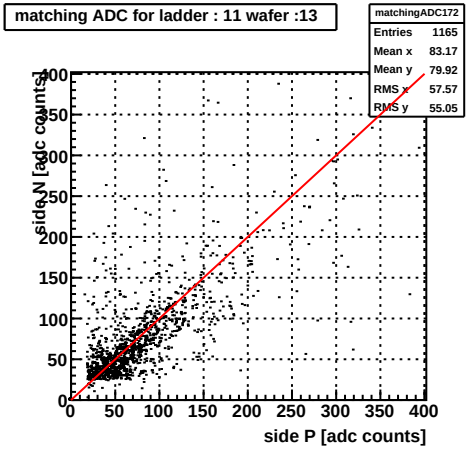

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 765
Mean x 62.64
Mean y 65.04
RMS x 51.8
RMS y 50.11
side N [adc counts]
side P [adc counts]

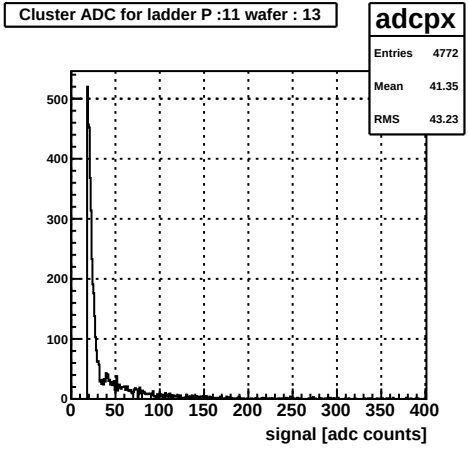

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7447
Mean 47.81
RMS 39.8
signal [adc counts]

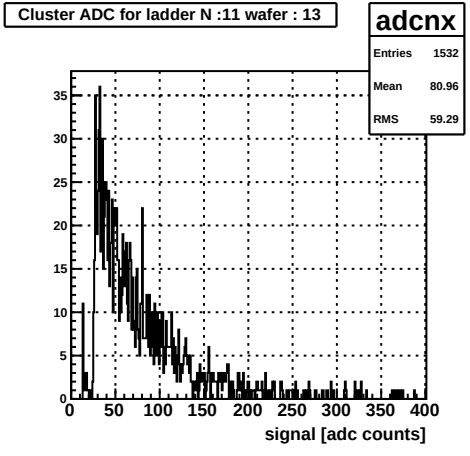

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 14875
Mean 99.61
RMS 79.71
signal [adc counts]

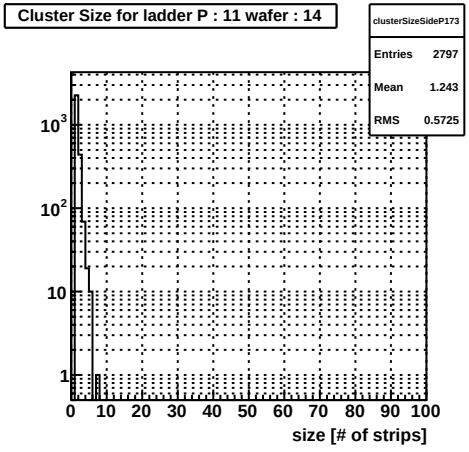

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4772
Mean 1.165
RMS 0.4775
size [# of strips]

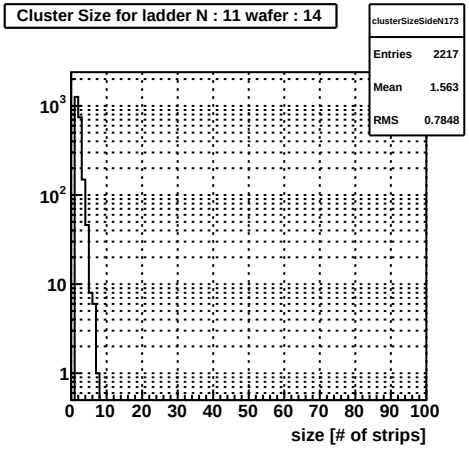

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1532
Mean 1.379
RMS 0.7565
size [# of strips]

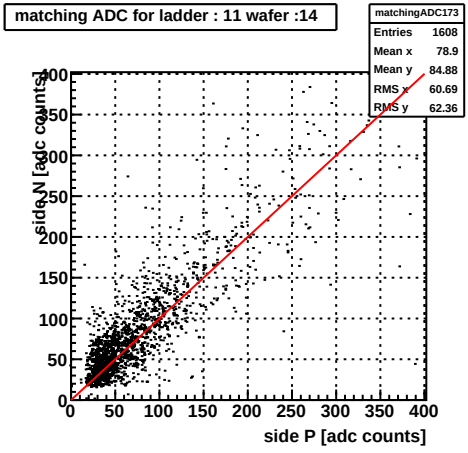

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1165
Mean x 83.17
Mean y 79.92
RMS x 57.57
RMS y 55.05
side N [adc counts]
side P [adc counts]

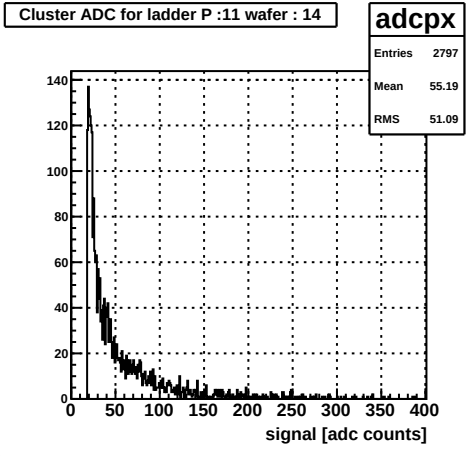

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4772
Mean 41.35
RMS 43.23
signal [adc counts]

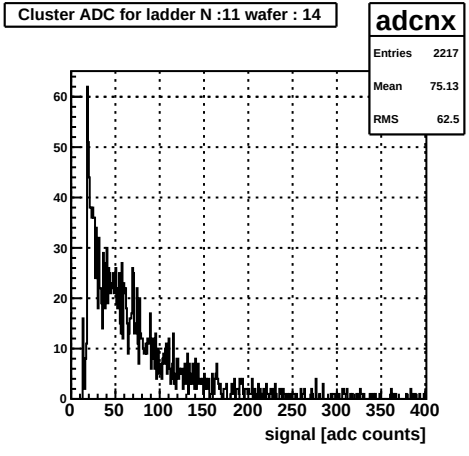

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1532
Mean 80.96
RMS 59.29
signal [adc counts]

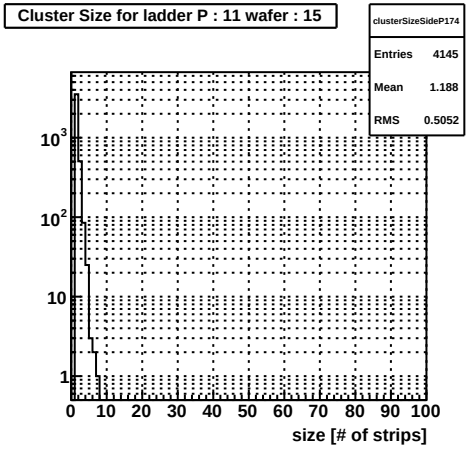

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2797
Mean 1.243
RMS 0.5725
size [# of strips]

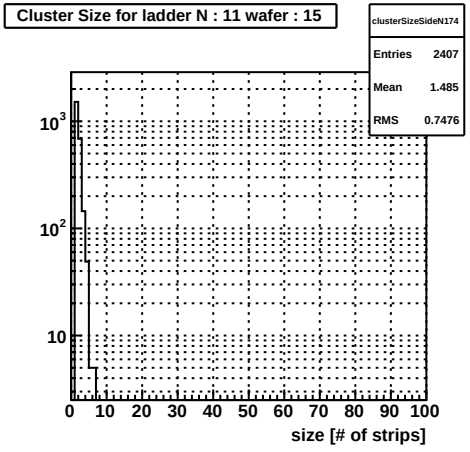

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2217
Mean 1.563
RMS 0.7848
size [# of strips]

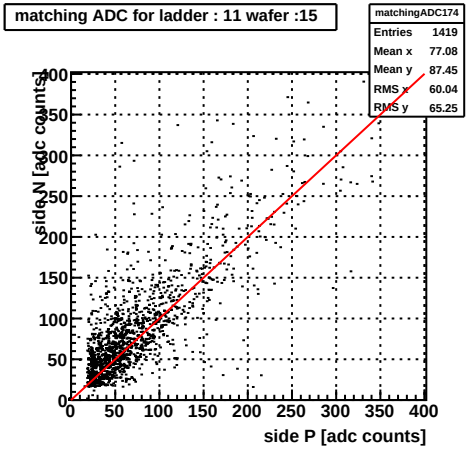

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1608
Mean x 78.9
Mean y 84.88
RMS x 60.69
RMS y 62.36
side N [adc counts]
side P [adc counts]

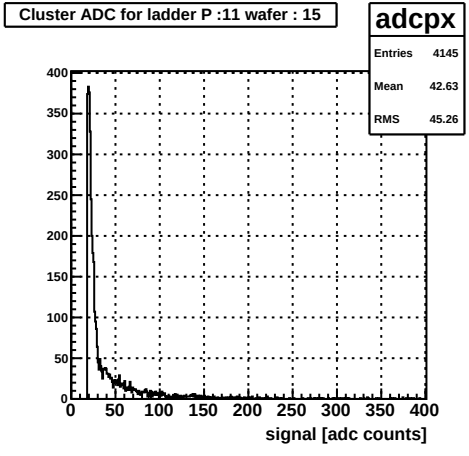

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2797
Mean 55.19
RMS 51.09
signal [adc counts]

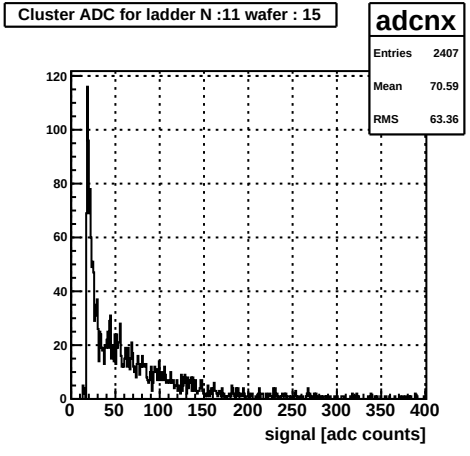

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2217
Mean 75.13
RMS 62.5
signal [adc counts]

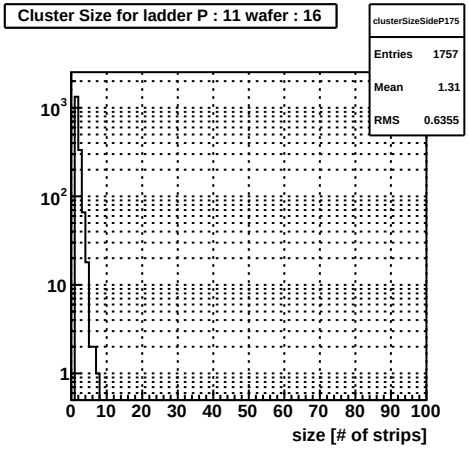

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4145
Mean 1.188
RMS 0.5052
size [# of strips]

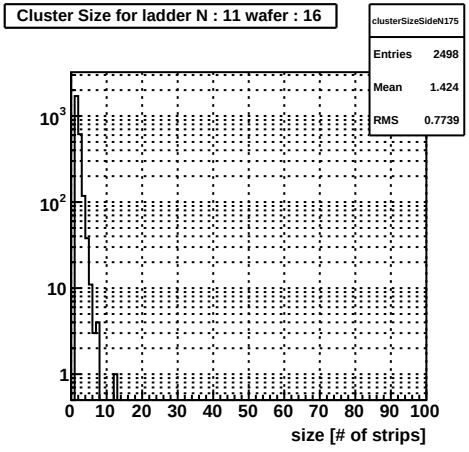

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2407
Mean 1.485
RMS 0.7476
size [# of strips]

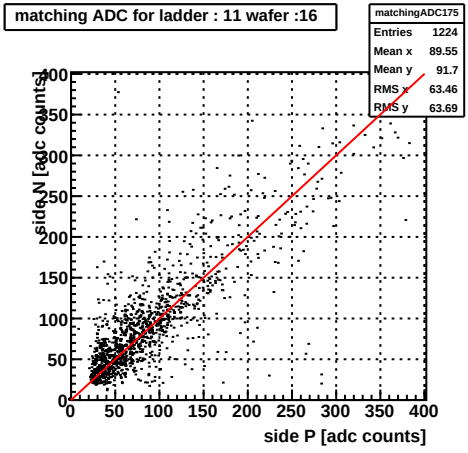

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1419
Mean x 77.08
Mean y 87.45
RMS x 60.04
RMS y 65.25
side N [adc counts]
side P [adc counts]

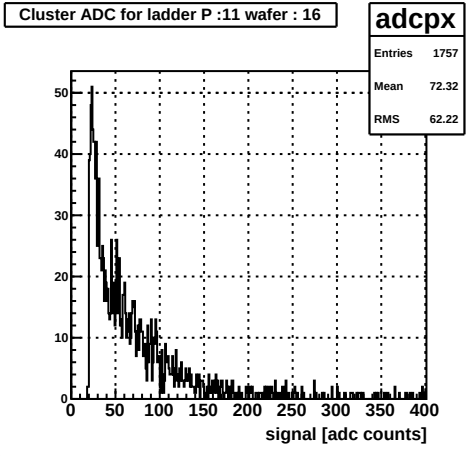

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4145
Mean 42.63
RMS 45.26
signal [adc counts]

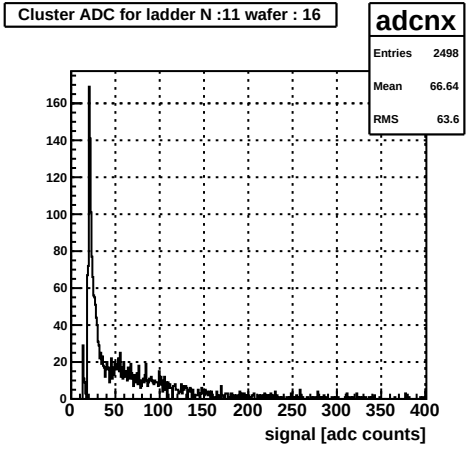

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2407
Mean 70.59
RMS 63.36
signal [adc counts]

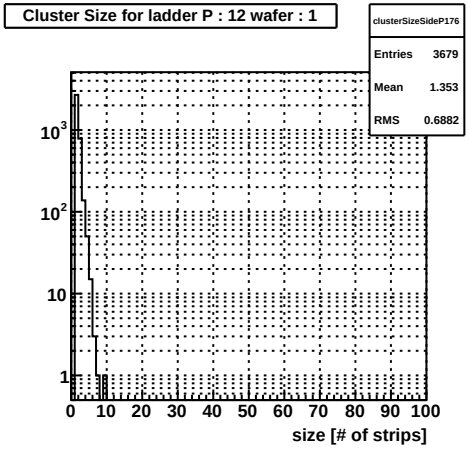

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1757
Mean 1.31
RMS 0.6355
size [# of strips]

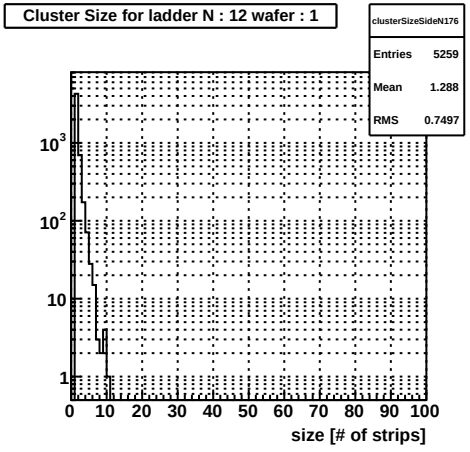

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2498
Mean 1.424
RMS 0.7739
size [# of strips]

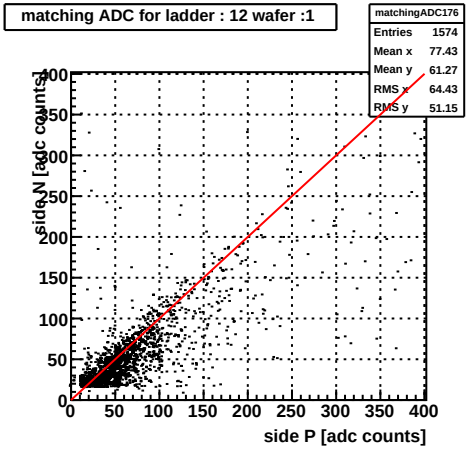

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1224
Mean x 89.55
Mean y 91.7
RMS x 63.46
RMS y 63.69
side N [adc counts]
side P [adc counts]

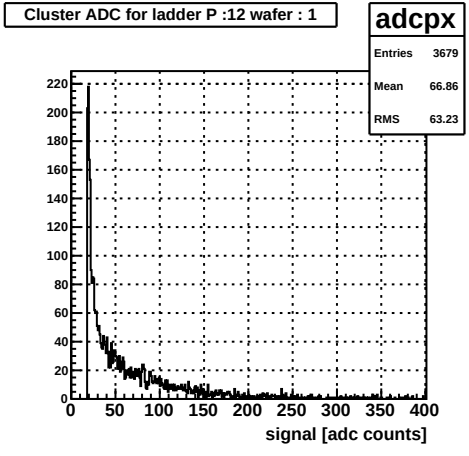

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1757
Mean 72.32
RMS 62.22
signal [adc counts]

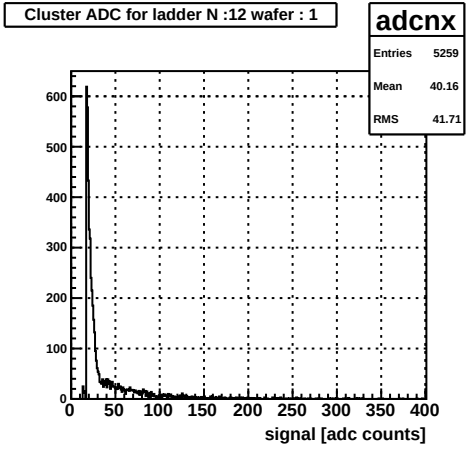

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2498
Mean 66.64
RMS 63.6
signal [adc counts]

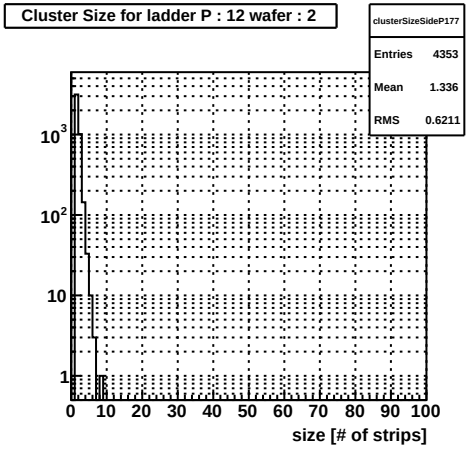

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3679
Mean 1.353
RMS 0.6882
size [# of strips]

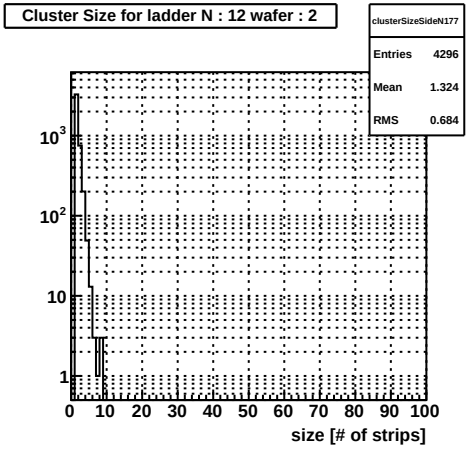

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5259
Mean 1.288
RMS 0.7497
size [# of strips]

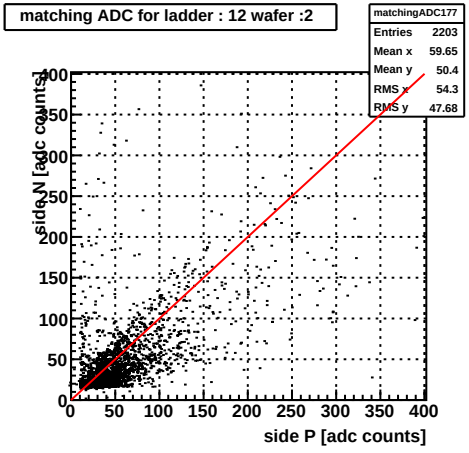

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1574
Mean x 77.43
Mean y 61.27
RMS x 64.43
RMS y 51.15
side N [adc counts]
side P [adc counts]

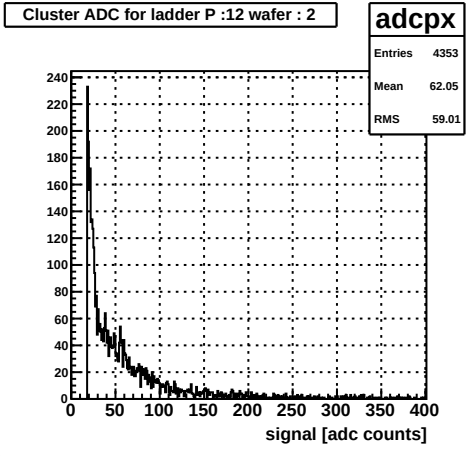

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3679
Mean 66.86
RMS 63.23
signal [adc counts]

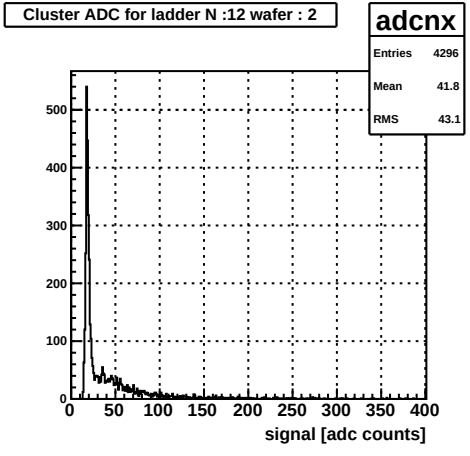

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5259
Mean 40.16
RMS 41.71
signal [adc counts]

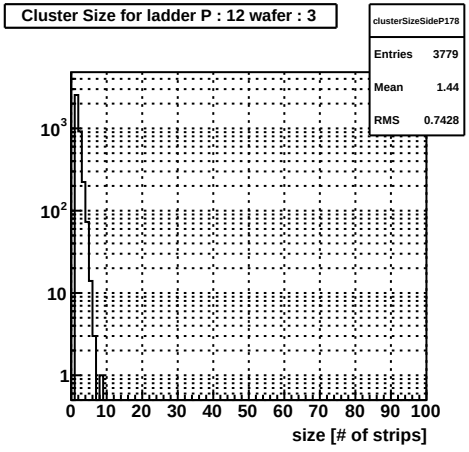

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4353
Mean 1.336
RMS 0.6211
size [# of strips]

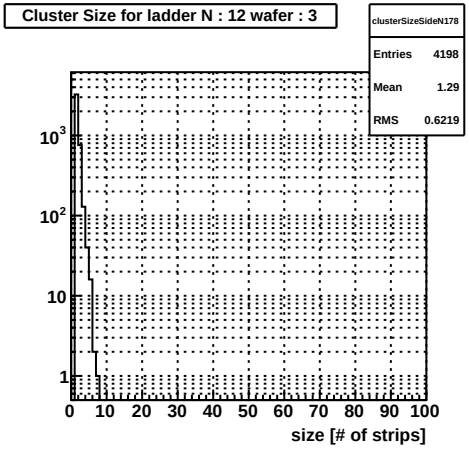

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4296
Mean 1.324
RMS 0.684
size [# of strips]

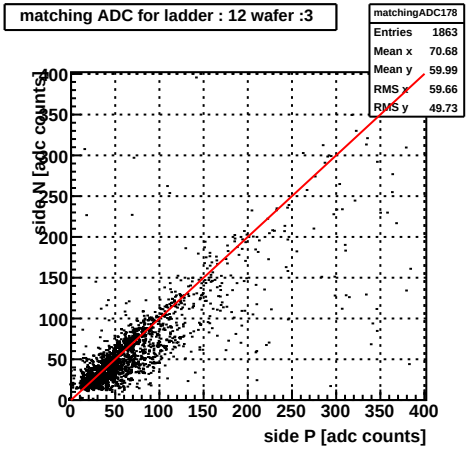

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2203
Mean x 59.65
Mean y 50.4
RMS x 54.3
RMS y 47.68
side N [adc counts]
side P [adc counts]

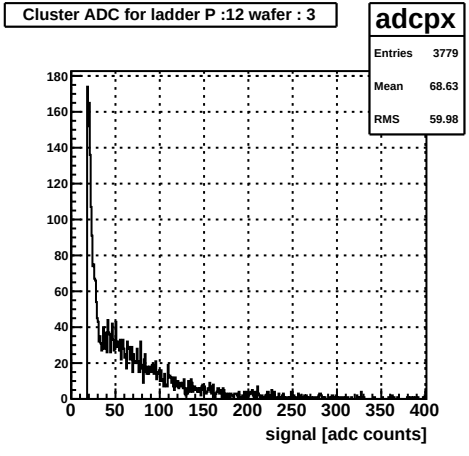

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4353
Mean 62.05
RMS 59.01
signal [adc counts]

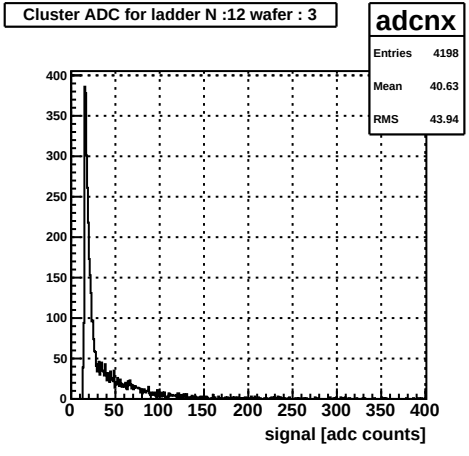

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4296
Mean 41.8
RMS 43.1
signal [adc counts]

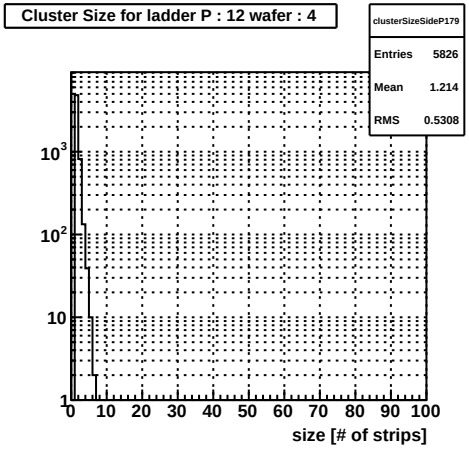

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3779
Mean 1.44
RMS 0.7428
size [# of strips]

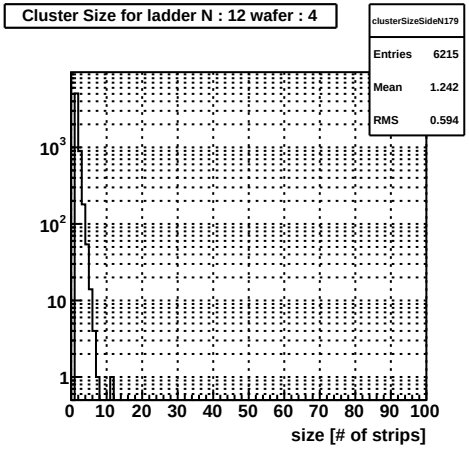

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4198
Mean 1.29
RMS 0.6219
size [# of strips]

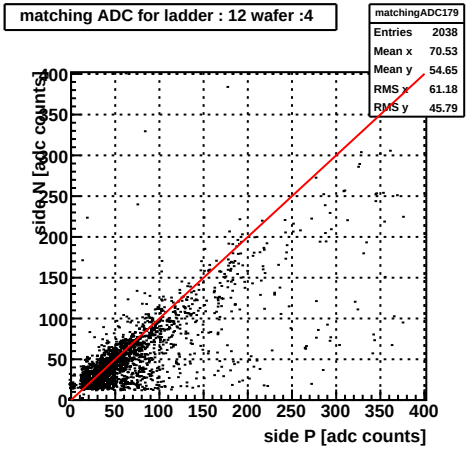

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1863
Mean x 70.68
Mean y 59.99
RMS x 59.66
RMS y 49.73
side N [adc counts]
side P [adc counts]

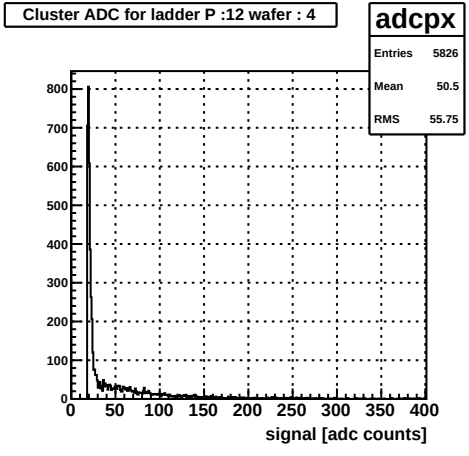

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3779
Mean 68.63
RMS 59.98
signal [adc counts]

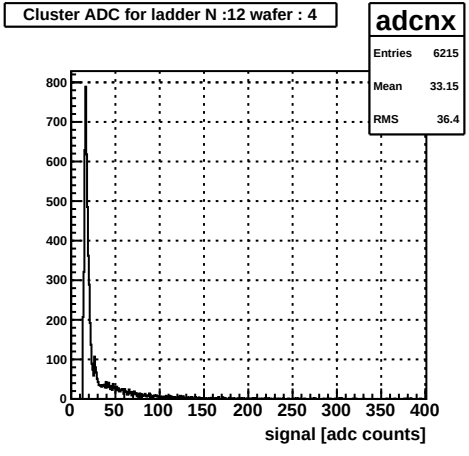

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4198
Mean 40.63
RMS 43.94
signal [adc counts]

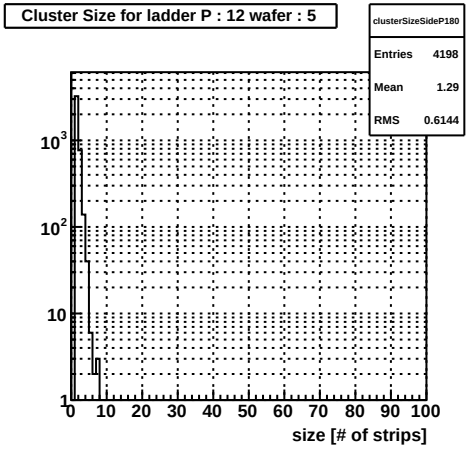

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5826
Mean 1.214
RMS 0.5308
size [# of strips]

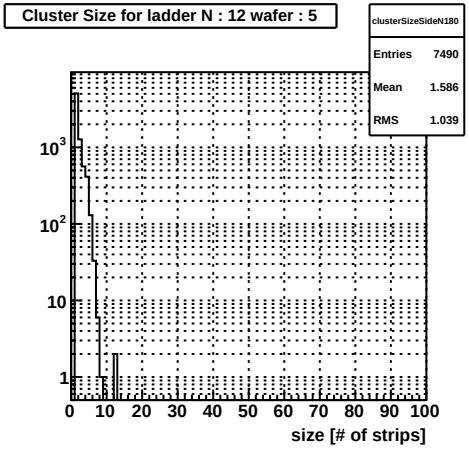

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6215
Mean 1.242
RMS 0.594
size [# of strips]

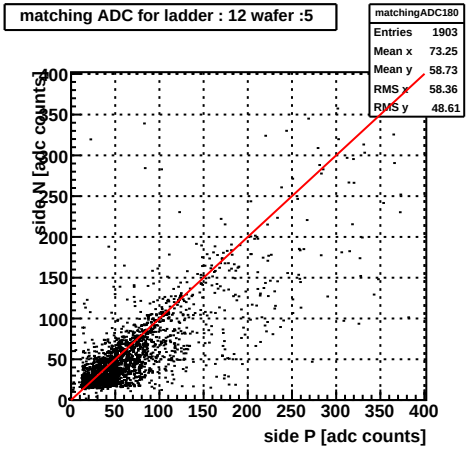

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 2038
Mean x 70.53
Mean y 54.65
RMS x 61.18
RMS y 45.79
side N [adc counts]
side P [adc counts]

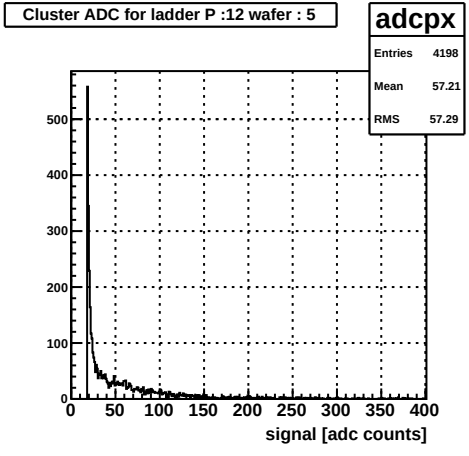

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5826
Mean 50.5
RMS 55.75
signal [adc counts]

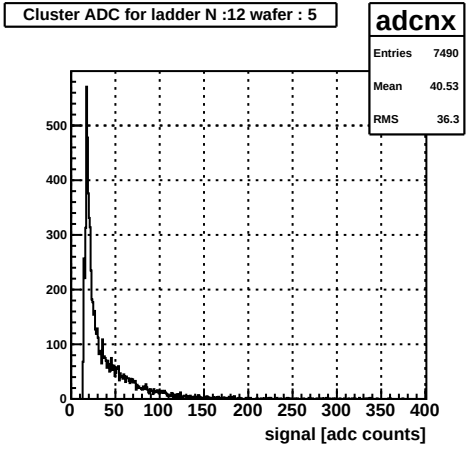

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6215
Mean 33.15
RMS 36.4
signal [adc counts]

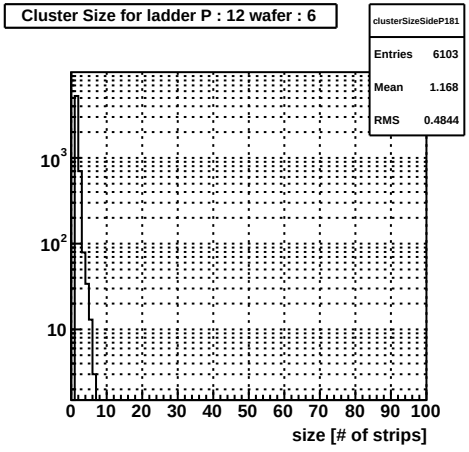

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 4198
Mean 1.29
RMS 0.6144
size [# of strips]

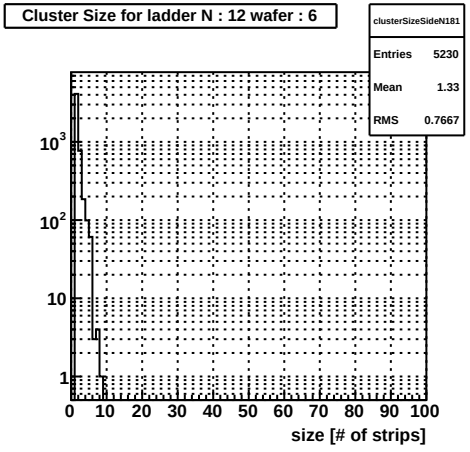

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7490
Mean 1.586
RMS 1.039
size [# of strips]

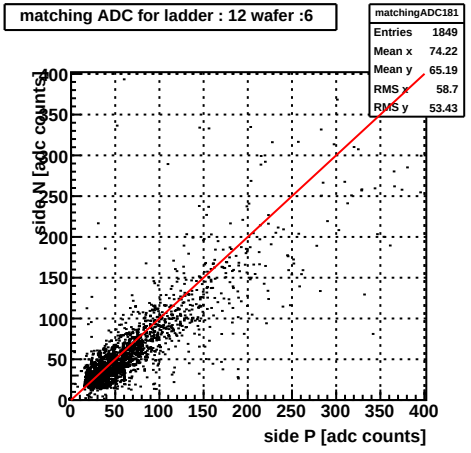

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1903
Mean x 73.25
Mean y 58.73
RMS x 58.36
RMS y 48.61
side N [adc counts]
side P [adc counts]

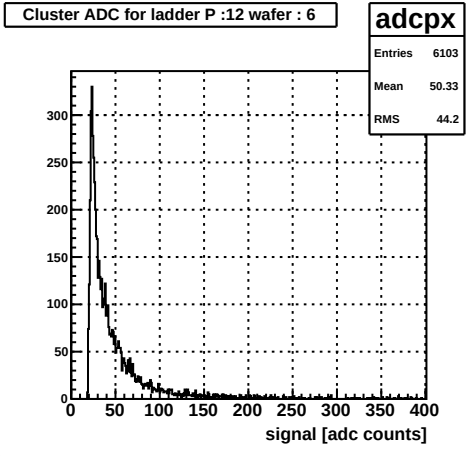

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 4198
Mean 57.21
RMS 57.29
signal [adc counts]

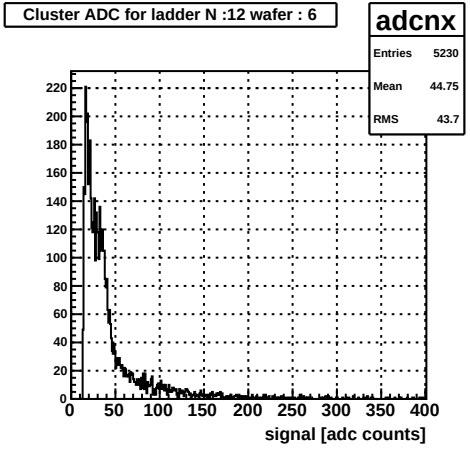

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7490
Mean 40.53
RMS 36.3
signal [adc counts]

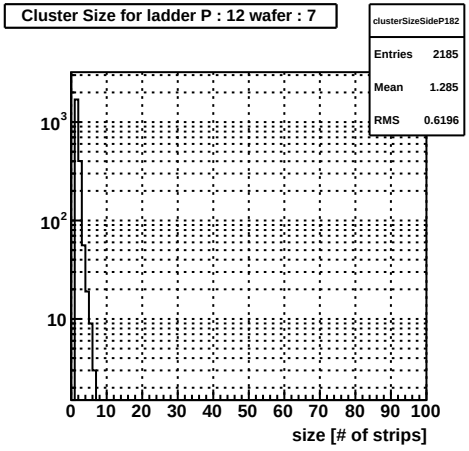

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 6103
Mean 1.168
RMS 0.4844
size [# of strips]

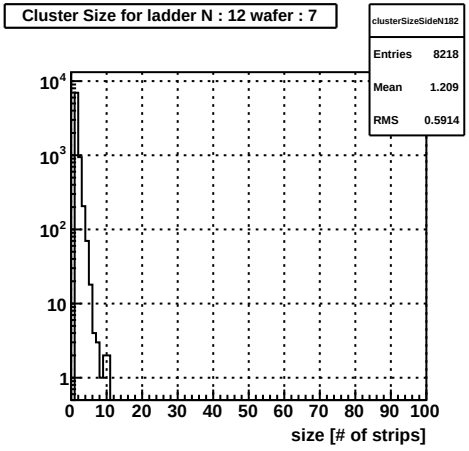

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5230
Mean 1.33
RMS 0.7667
size [# of strips]

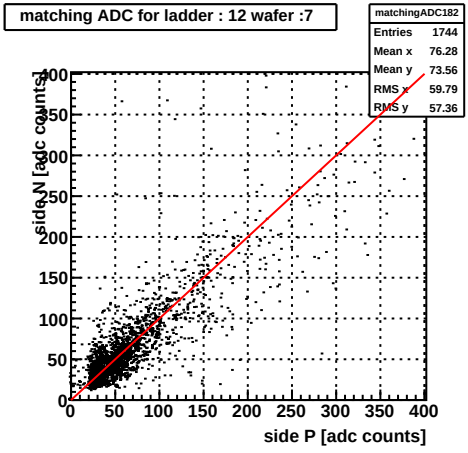

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1849
Mean x 74.22
Mean y 65.19
RMS x 58.7
RMS y 53.43
side N [adc counts]
side P [adc counts]

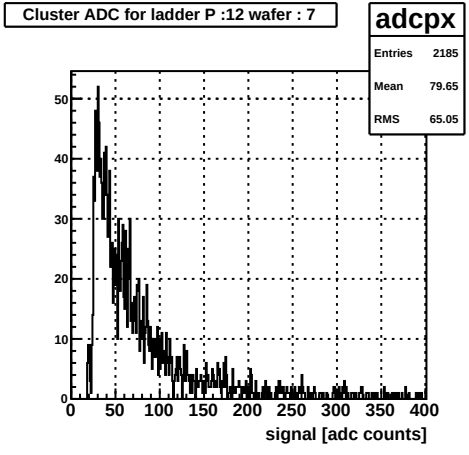

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 6103
Mean 50.33
RMS 44.2
signal [adc counts]

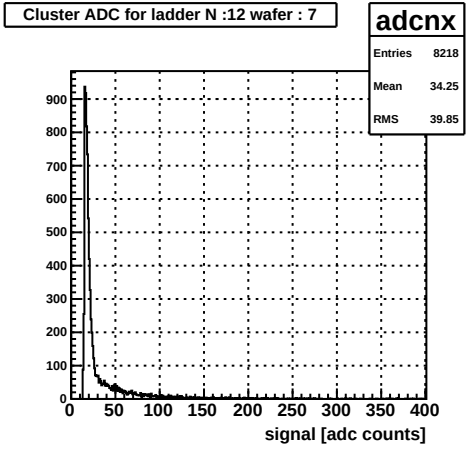

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5230
Mean 44.75
RMS 43.7
signal [adc counts]

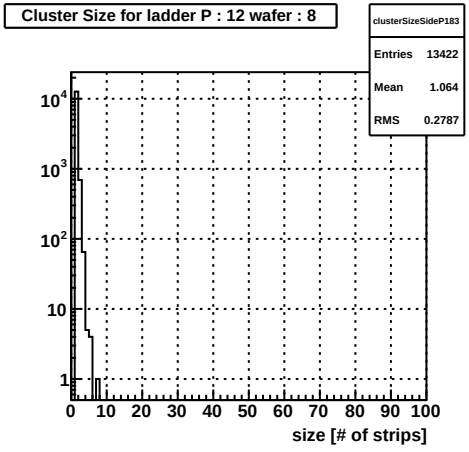

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2185
Mean 1.285
RMS 0.6196
size [# of strips]

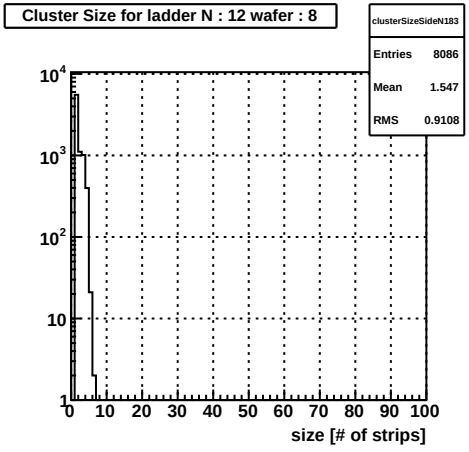

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 8218
Mean 1.209
RMS 0.5914
size [# of strips]

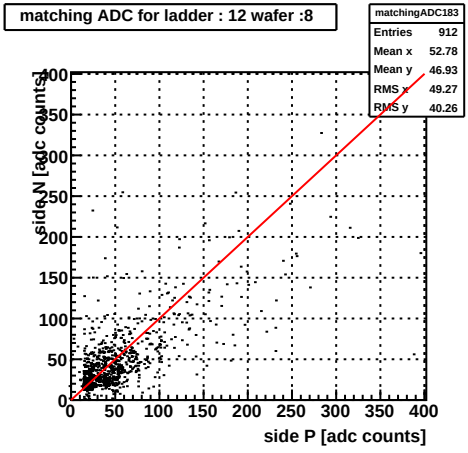

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1744
Mean x 76.28
Mean y 73.56
RMS x 59.79
RMS y 57.36
side N [adc counts]
side P [adc counts]

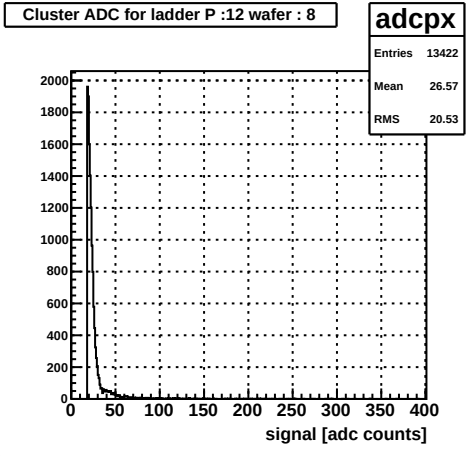

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2185
Mean 79.65
RMS 65.05
signal [adc counts]

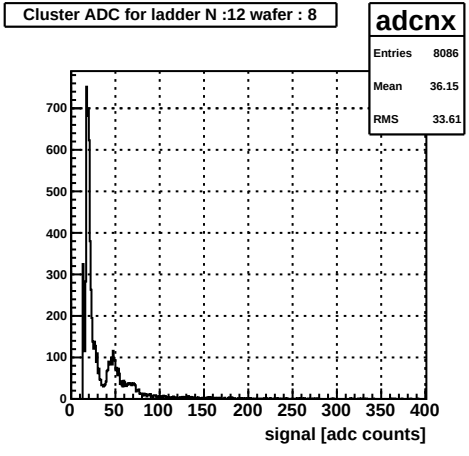

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 8218
Mean 34.25
RMS 39.85
signal [adc counts]

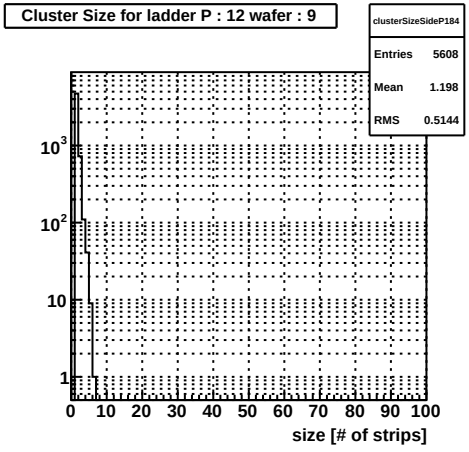

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 13422
Mean 1.064
RMS 0.2787
size [# of strips]

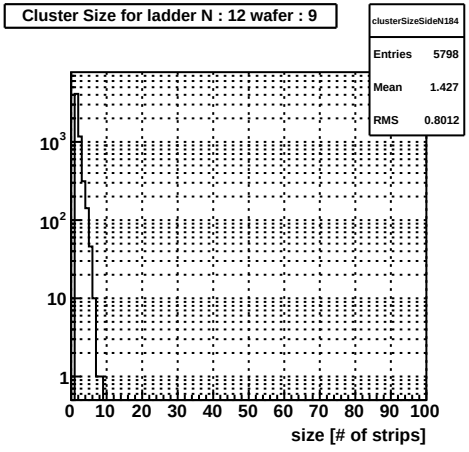

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8086
Mean 1.547
RMS 0.9108
size [# of strips]

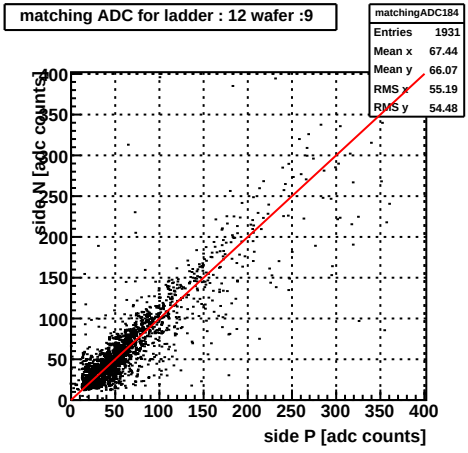

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 912
Mean x 52.78
Mean y 46.93
RMS x 49.27
RMS y 40.26
side N [adc counts]
side P [adc counts]

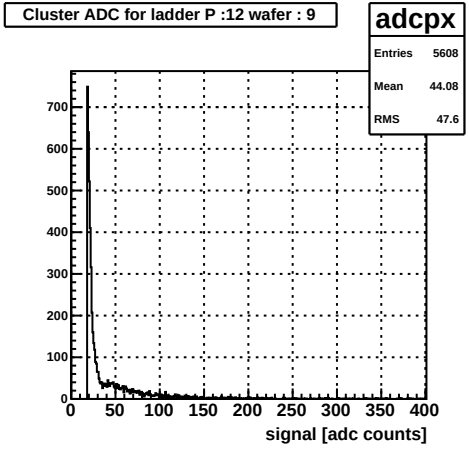

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 13422
Mean 26.57
RMS 20.53
signal [adc counts]

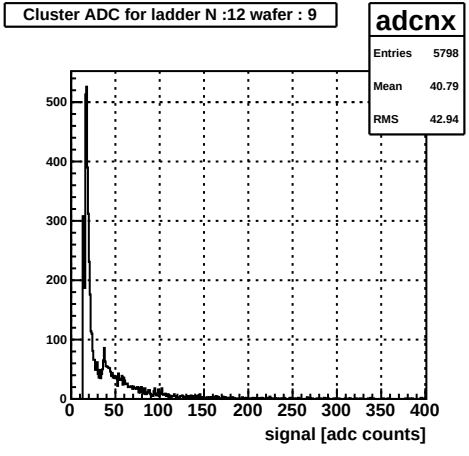

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8086
Mean 36.15
RMS 33.61
signal [adc counts]

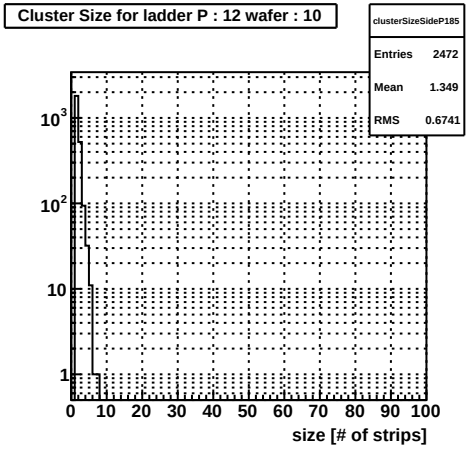

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5608
Mean 1.198
RMS 0.5144
size [# of strips]

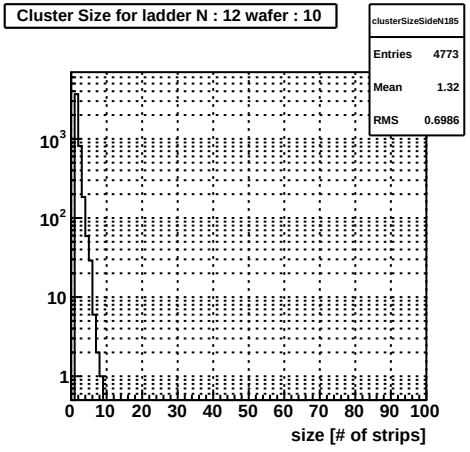

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5798
Mean 1.427
RMS 0.8012
size [# of strips]

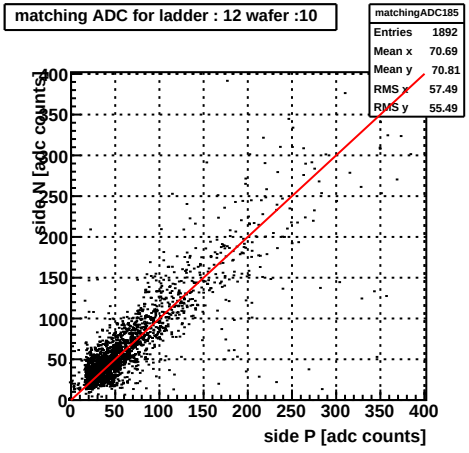

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1931
Mean x 67.44
Mean y 66.07
RMS x 55.19
RMS y 54.48
side N [adc counts]
side P [adc counts]

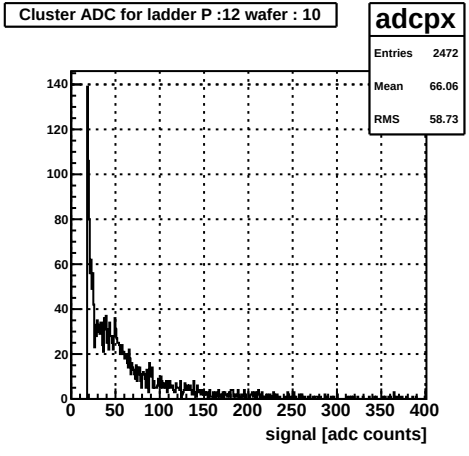

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5608
Mean 44.08
RMS 47.6
signal [adc counts]

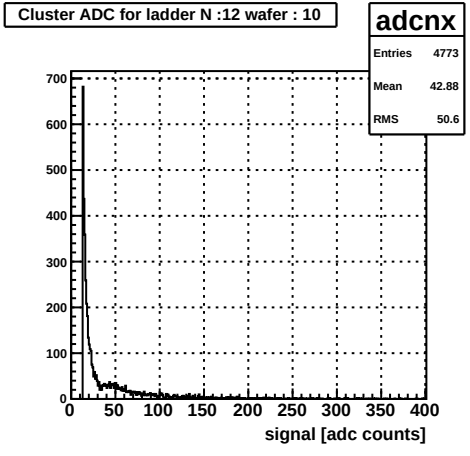

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5798
Mean 40.79
RMS 42.94
signal [adc counts]

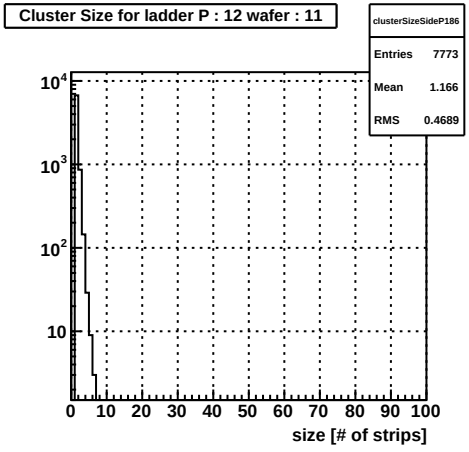

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2472
Mean 1.349
RMS 0.6741
size [# of strips]

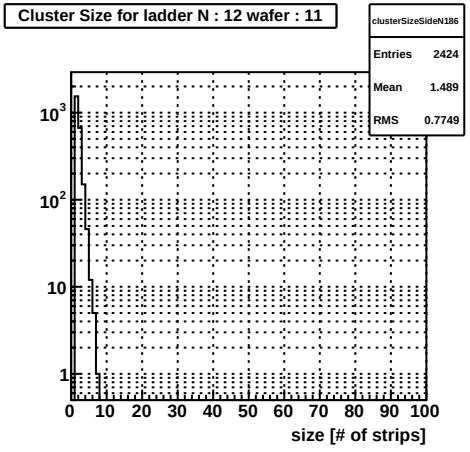

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4773
Mean 1.32
RMS 0.6986
size [# of strips]

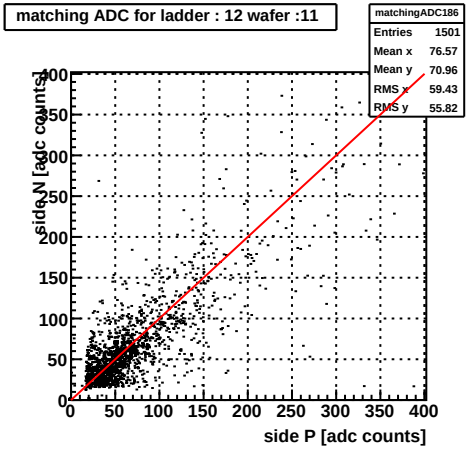

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1892
Mean x 70.69
Mean y 70.81
RMS x 57.49
RMS y 55.49
side N [adc counts]
side P [adc counts]

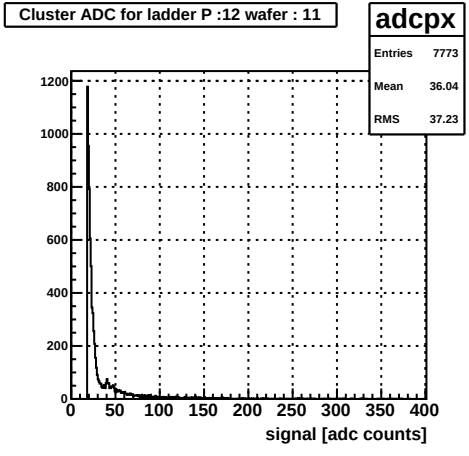

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2472
Mean 66.06
RMS 58.73
signal [adc counts]

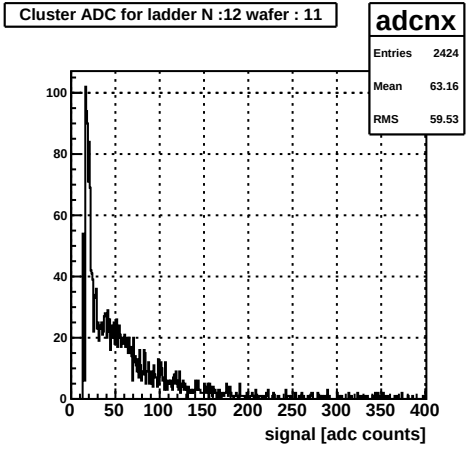

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4773
Mean 42.88
RMS 50.6
signal [adc counts]

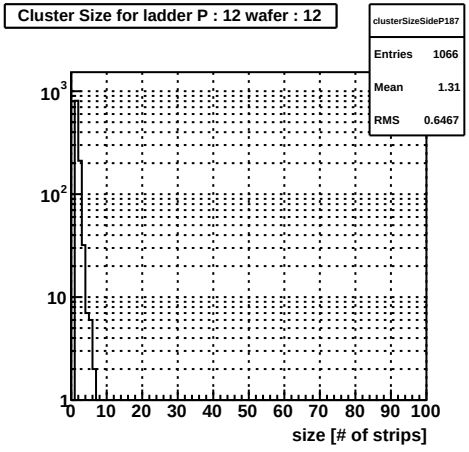

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 7773
Mean 1.166
RMS 0.4689
size [# of strips]

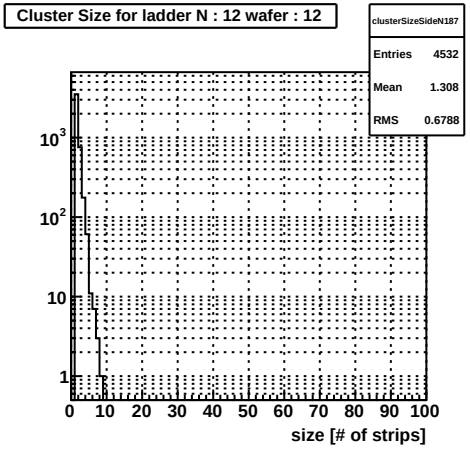

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2424
Mean 1.489
RMS 0.7749
size [# of strips]

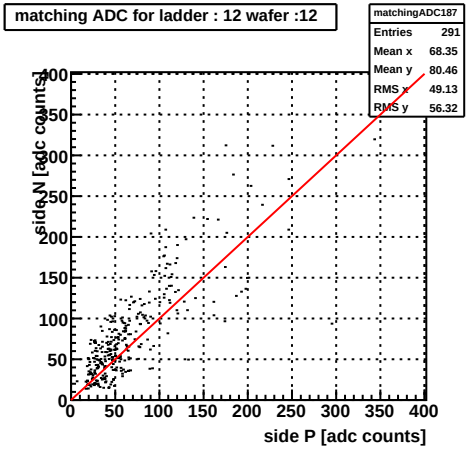

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1501
Mean x 76.57
Mean y 70.96
RMS x 59.43
RMS y 55.82
side N [adc counts]
side P [adc counts]

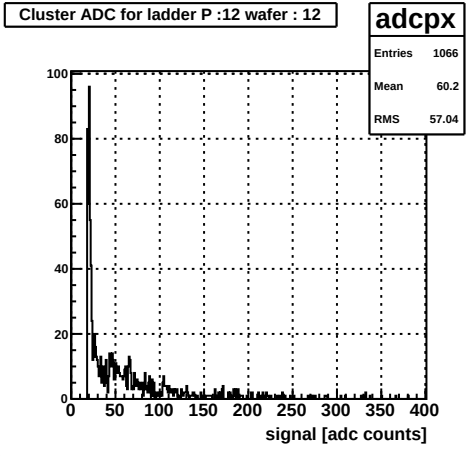

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 7773
Mean 36.04
RMS 37.23
signal [adc counts]

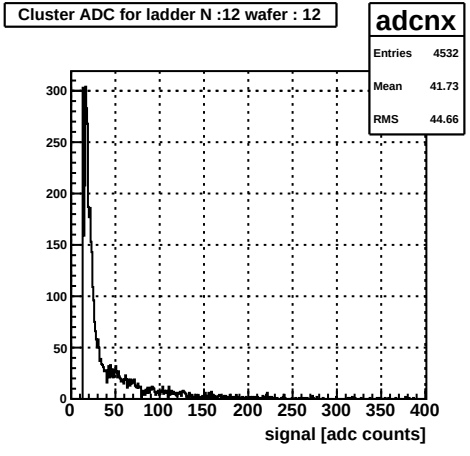

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2424
Mean 63.16
RMS 59.53
signal [adc counts]

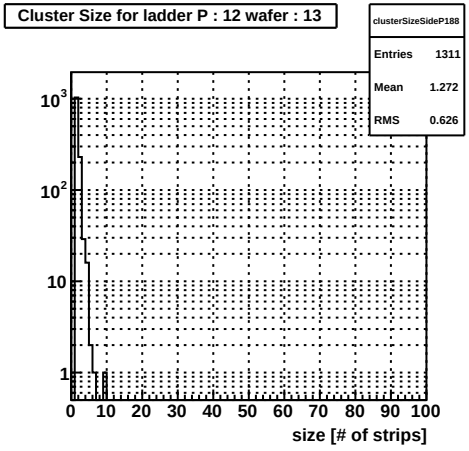

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1066
Mean 1.31
RMS 0.6467
size [# of strips]

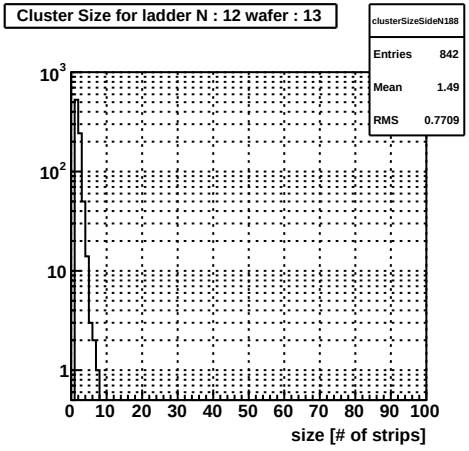

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4532
Mean 1.308
RMS 0.6788
size [# of strips]

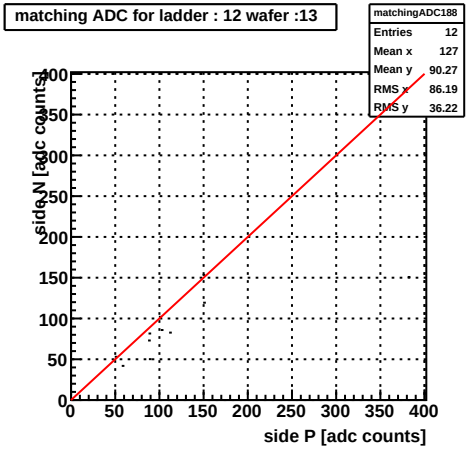

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 291
Mean x 68.35
Mean y 80.46
RMS x 49.13
RMS y 56.32
side N [adc counts]
side P [adc counts]

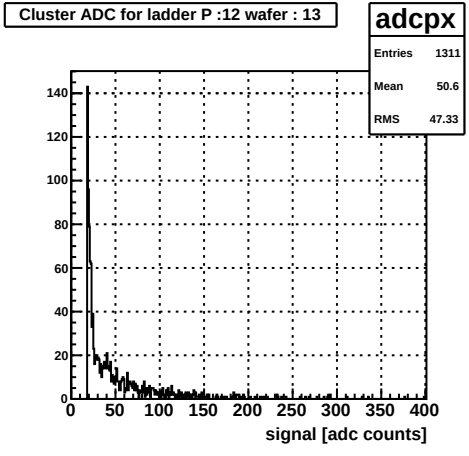

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1066
Mean 60.2
RMS 57.04
signal [adc counts]

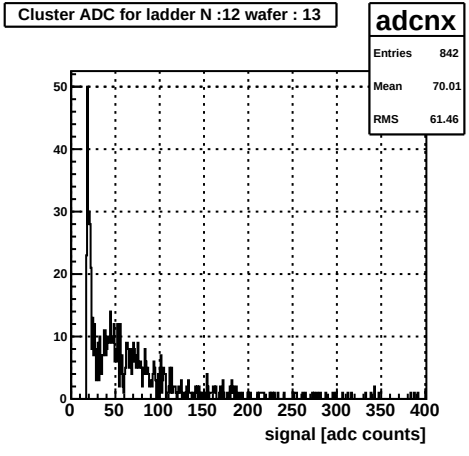

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4532
Mean 41.73
RMS 44.66
signal [adc counts]

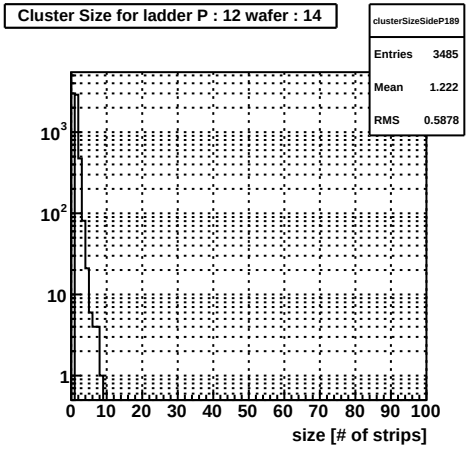

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 1311
Mean 1.272
RMS 0.626
size [# of strips]

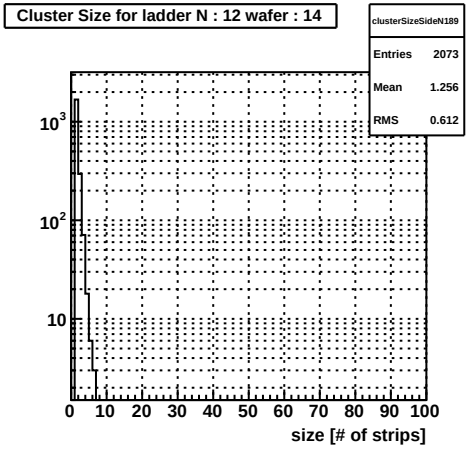

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 842
Mean 1.49
RMS 0.7709
size [# of strips]

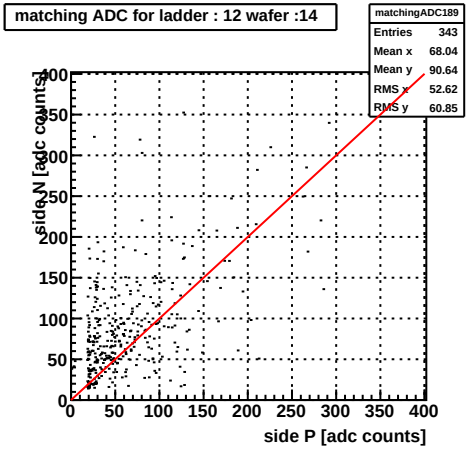

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 12
Mean x 127
Mean y 90.27
RMS x 86.19
RMS y 36.22
side N [adc counts]
side P [adc counts]

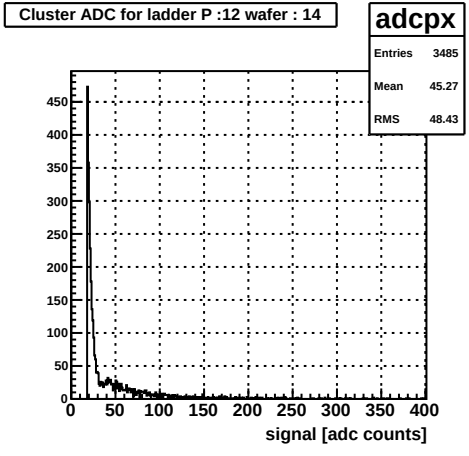

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 1311
Mean 50.6
RMS 47.33
signal [adc counts]

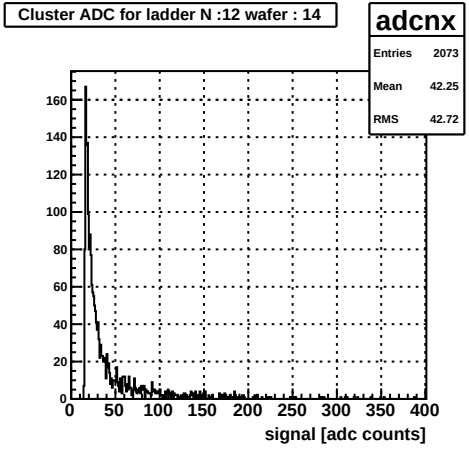

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 842
Mean 70.01
RMS 61.46
signal [adc counts]

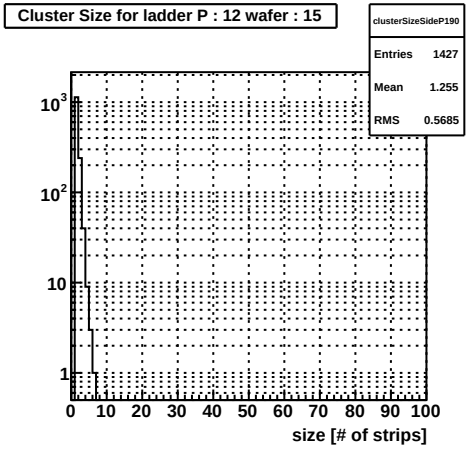

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3485
Mean 1.222
RMS 0.5878
size [# of strips]

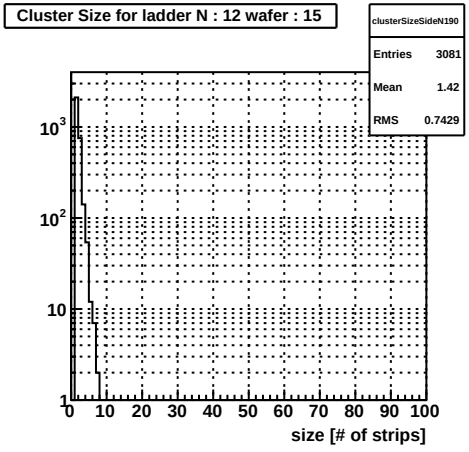

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2073
Mean 1.256
RMS 0.612
size [# of strips]

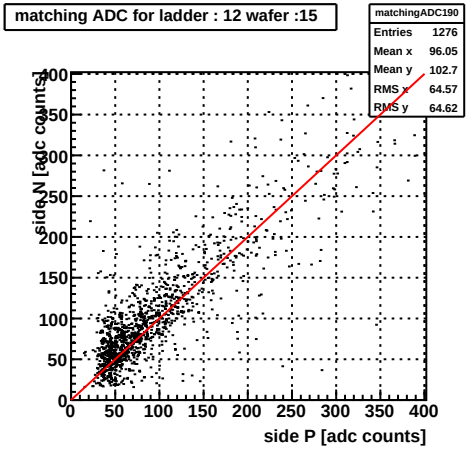

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 343
Mean x 68.04
Mean y 90.64
RMS x 52.62
RMS y 60.85
side N [adc counts]
side P [adc counts]

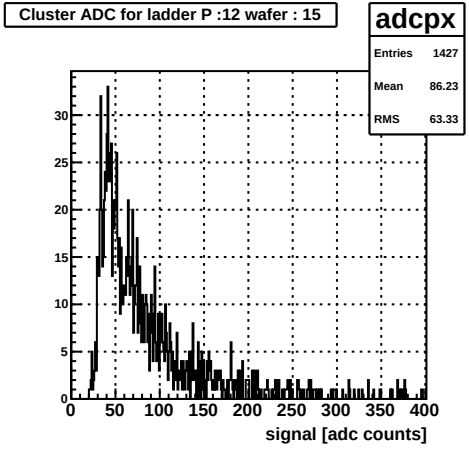

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3485
Mean 45.27
RMS 48.43
signal [adc counts]

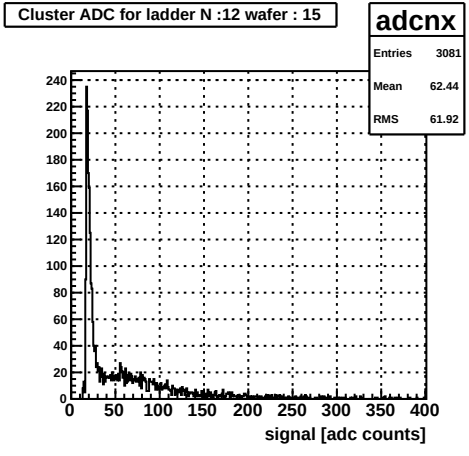

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2073
Mean 42.25
RMS 42.72
signal [adc counts]

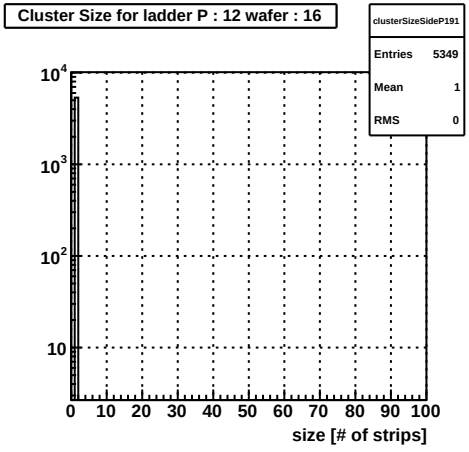

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1427
Mean 1.255
RMS 0.5685
size [# of strips]

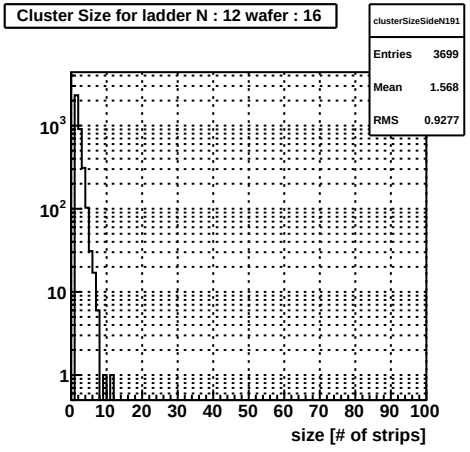

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3081
Mean 1.42
RMS 0.7429
size [# of strips]

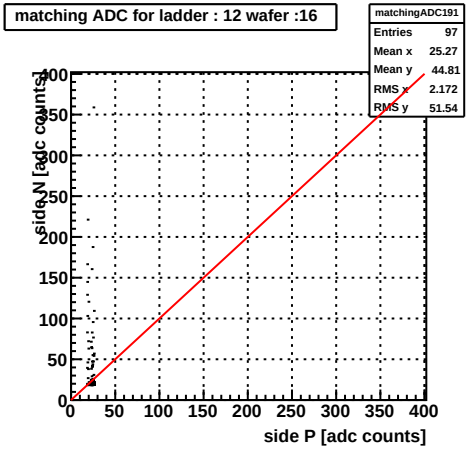

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1276
Mean x 96.05
Mean y 102.7
RMS x 64.57
RMS y 64.62
side N [adc counts]
side P [adc counts]

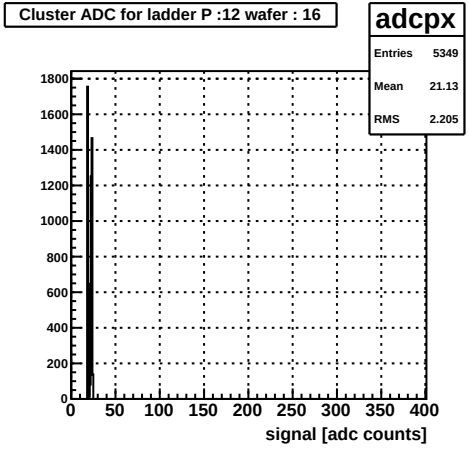

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1427
Mean 86.23
RMS 63.33
signal [adc counts]

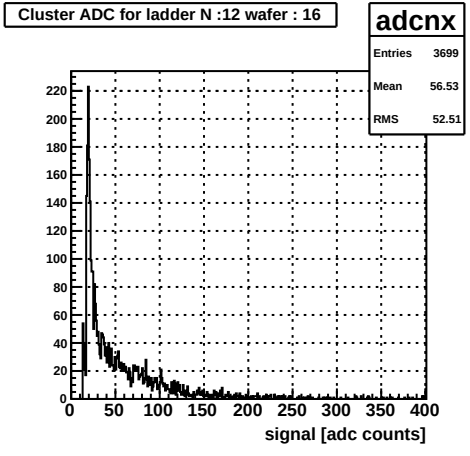

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3081
Mean 62.44
RMS 61.92
signal [adc counts]

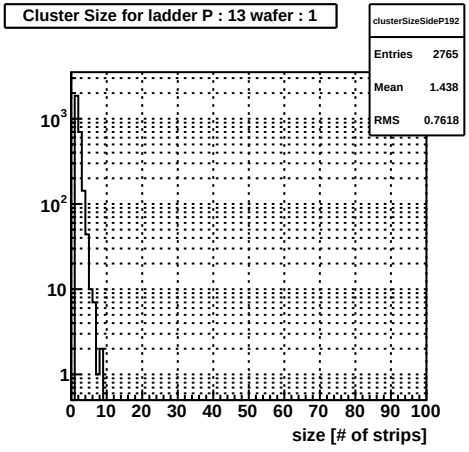

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 5349
Mean 1
RMS 0
size [# of strips]

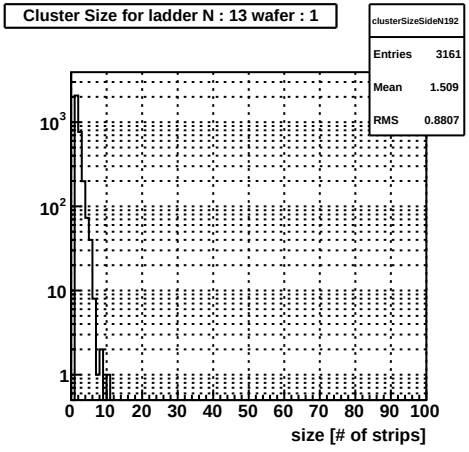

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3699
Mean 1.568
RMS 0.9277
size [# of strips]

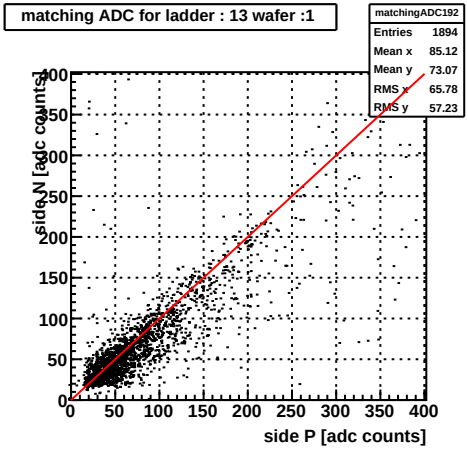

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 97
Mean x 25.27
Mean y 44.81
RMS x 2.172
RMS y 51.54
side N [adc counts]
side P [adc counts]

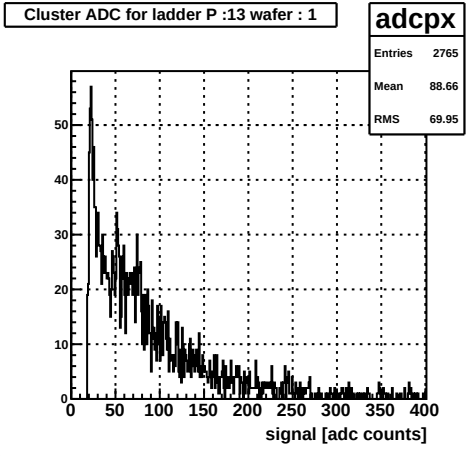

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 5349
Mean 21.13
RMS 2.205
signal [adc counts]

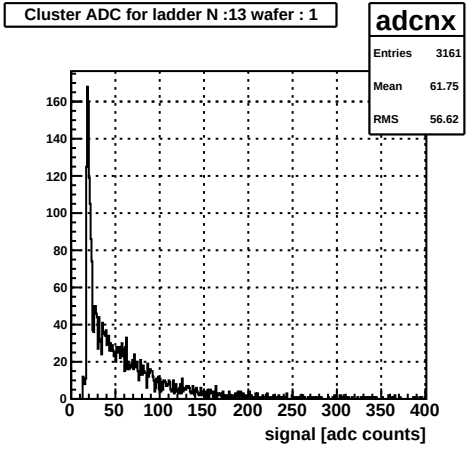

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3699
Mean 56.53
RMS 52.51
signal [adc counts]

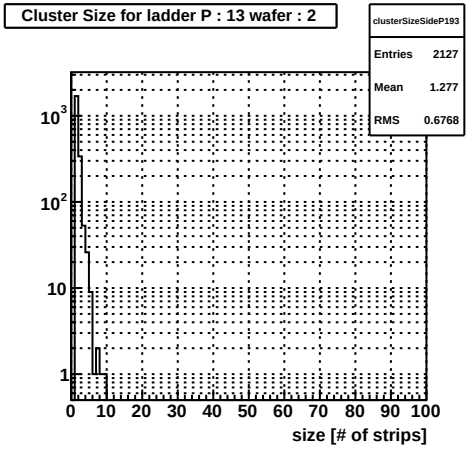

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2765
Mean 1.438
RMS 0.7618
size [# of strips]

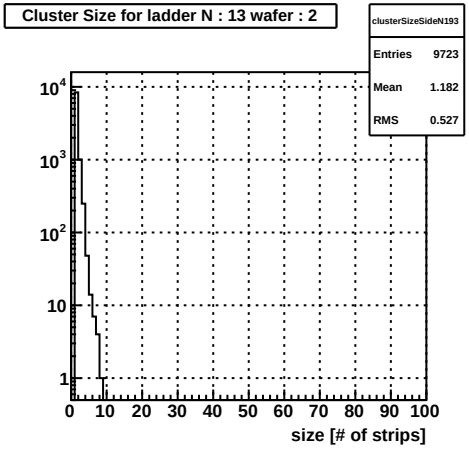

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3161
Mean 1.509
RMS 0.8807
size [# of strips]

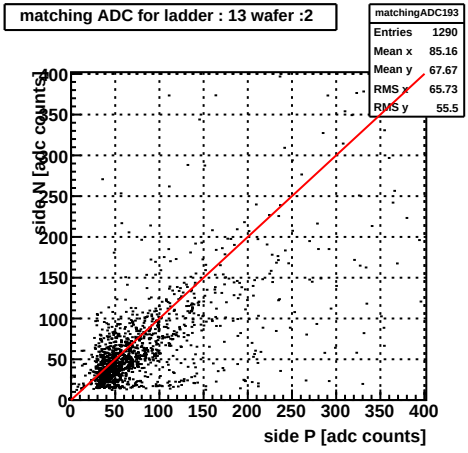

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1894
Mean x 85.12
Mean y 73.07
RMS x 65.78
RMS y 57.23
side N [adc counts]
side P [adc counts]

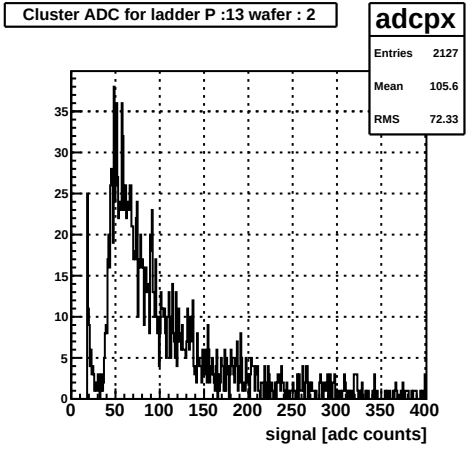

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2765
Mean 88.66
RMS 69.95
signal [adc counts]

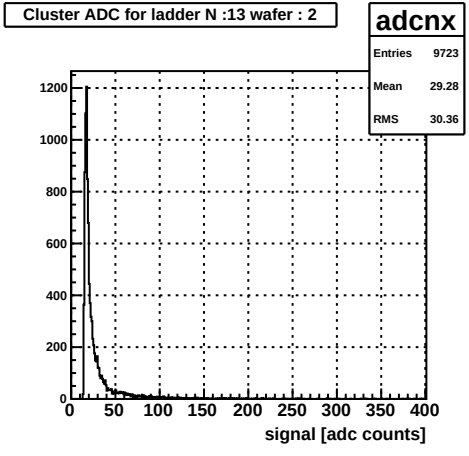

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3161
Mean 61.75
RMS 56.62
signal [adc counts]

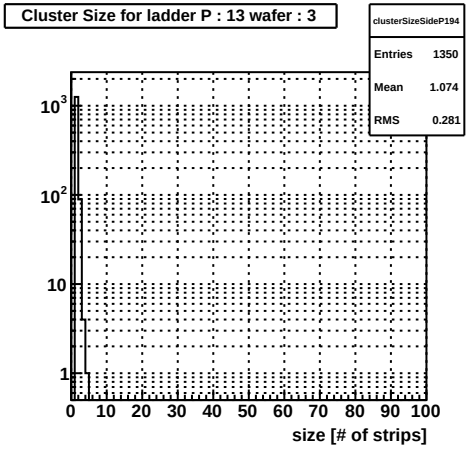

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2127
Mean 1.277
RMS 0.6768
size [# of strips]

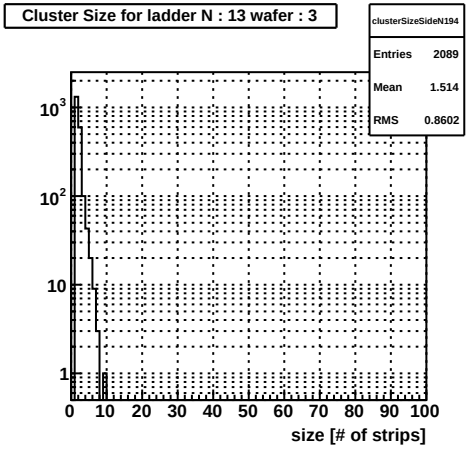

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9723
Mean 1.182
RMS 0.527
size [# of strips]

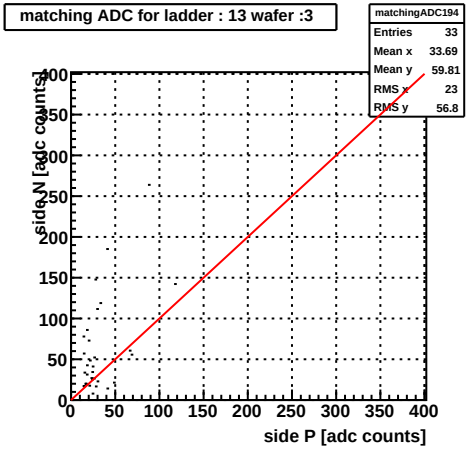

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1290
Mean x 85.16
Mean y 67.67
RMS x 65.73
RMS y 55.5
side N [adc counts]
side P [adc counts]

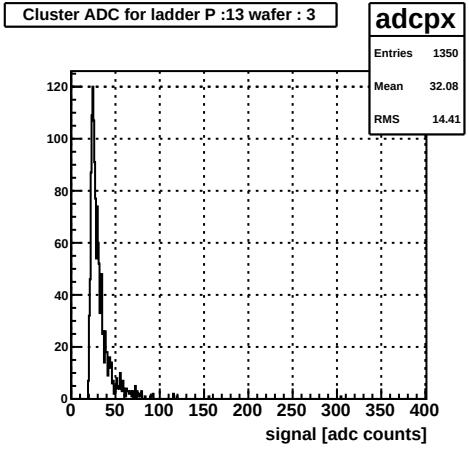

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2127
Mean 105.6
RMS 72.33
signal [adc counts]

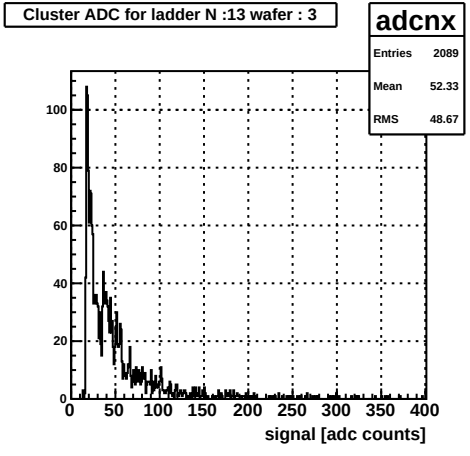

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9723
Mean 29.28
RMS 30.36
signal [adc counts]

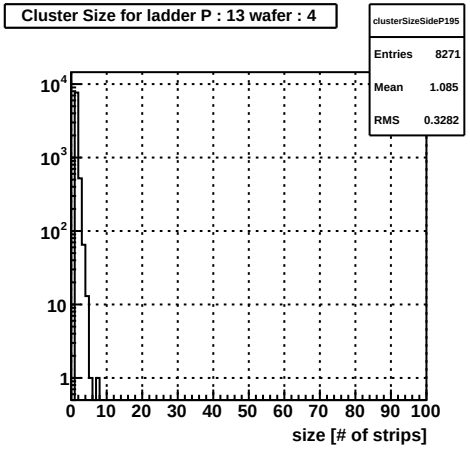

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1350
Mean 1.074
RMS 0.281
size [# of strips]

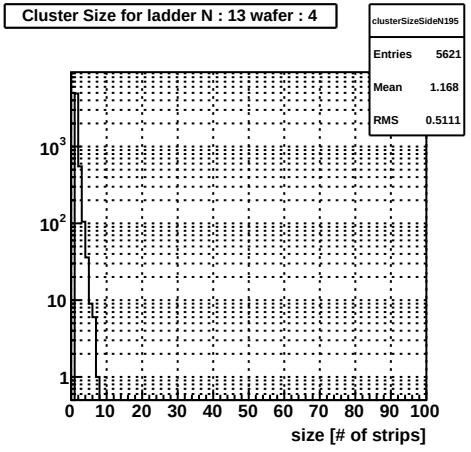

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2089
Mean 1.514
RMS 0.8602
size [# of strips]

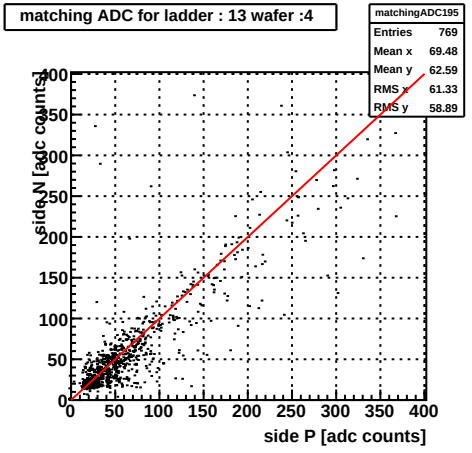

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 33
Mean x 33.69
Mean y 59.81
RMS x 23
RMS y 56.8
side N [adc counts]
side P [adc counts]

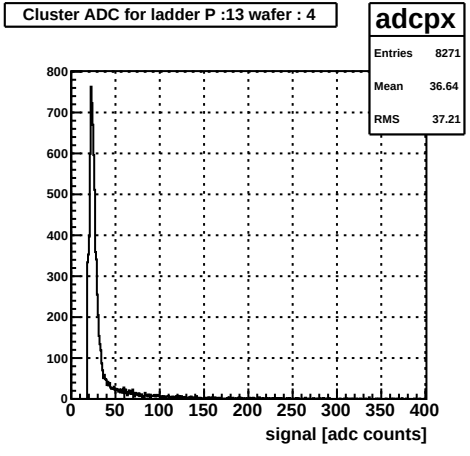

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1350
Mean 32.08
RMS 14.41
signal [adc counts]

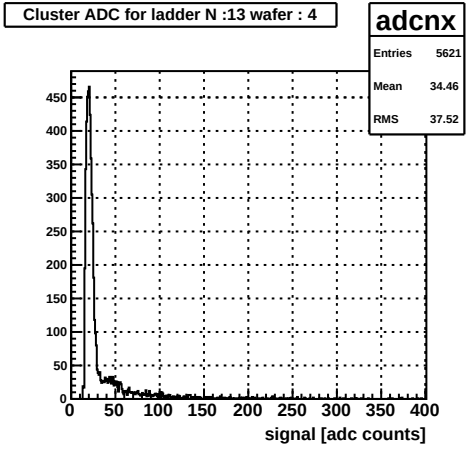

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2089
Mean 52.33
RMS 48.67
signal [adc counts]

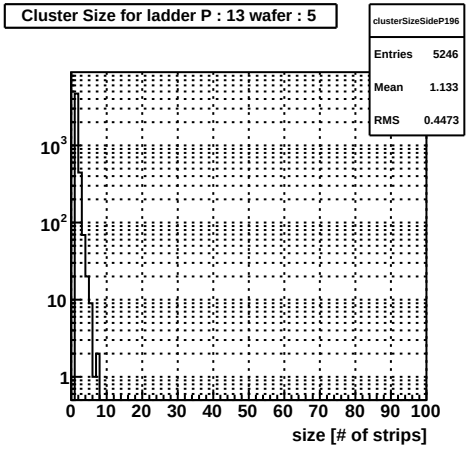

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 8271
Mean 1.085
RMS 0.3282
size [# of strips]

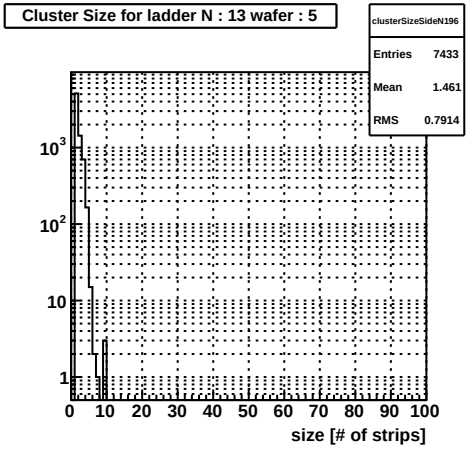

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 5621
Mean 1.168
RMS 0.5111
size [# of strips]

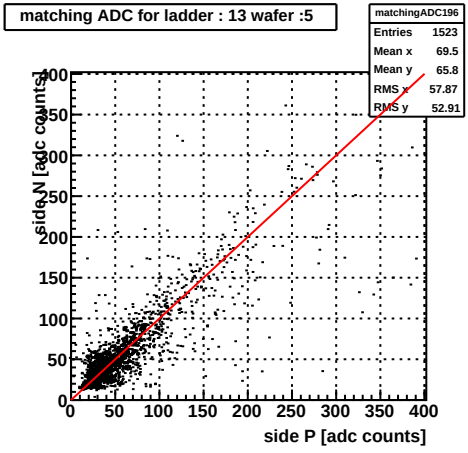

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 769
Mean x 69.48
Mean y 62.59
RMS x 61.33
RMS y 58.89
side N [adc counts]
side P [adc counts]

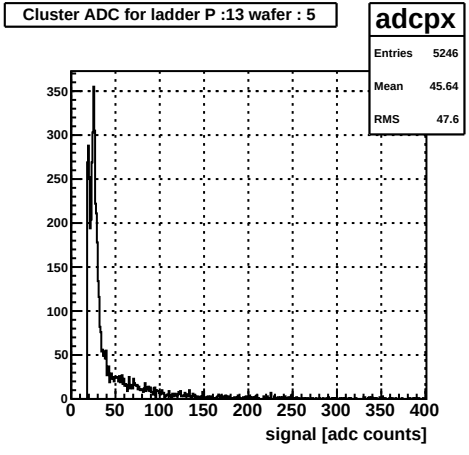

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 8271
Mean 36.64
RMS 37.21
signal [adc counts]

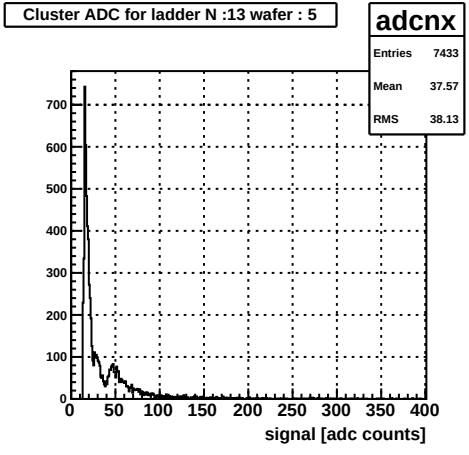

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 5621
Mean 34.46
RMS 37.52
signal [adc counts]

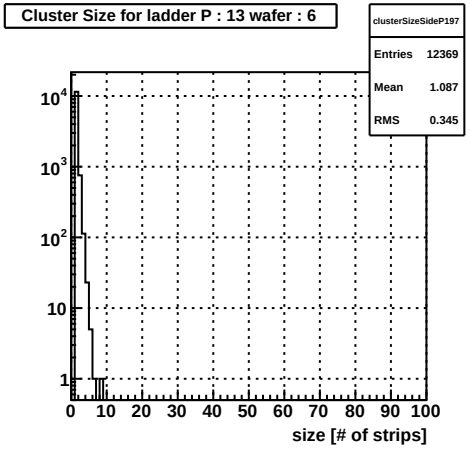

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5246
Mean 1.133
RMS 0.4473
size [# of strips]

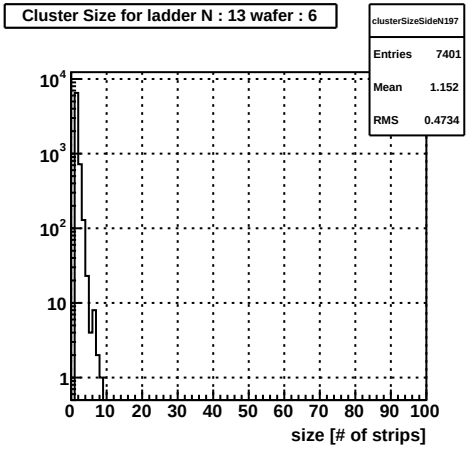

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 7433
Mean 1.461
RMS 0.7914
size [# of strips]

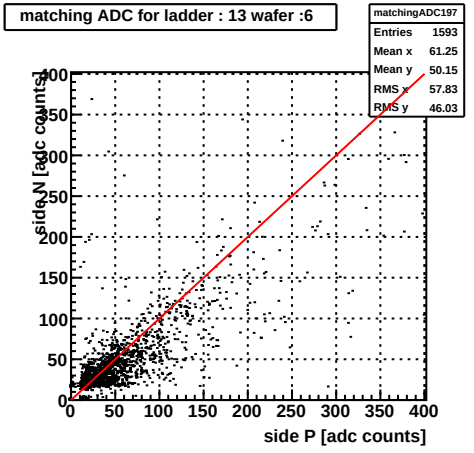

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1523
Mean x 69.5
Mean y 65.8
RMS x 57.87
RMS y 52.91
side N [adc counts]
side P [adc counts]

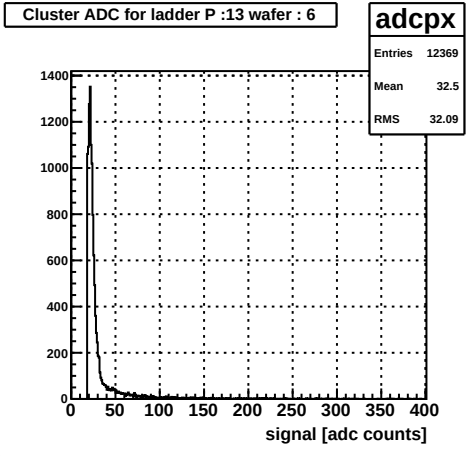

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5246
Mean 45.64
RMS 47.6
signal [adc counts]

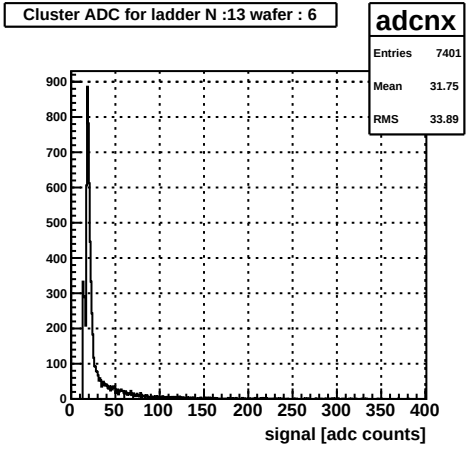

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 7433
Mean 37.57
RMS 38.13
signal [adc counts]

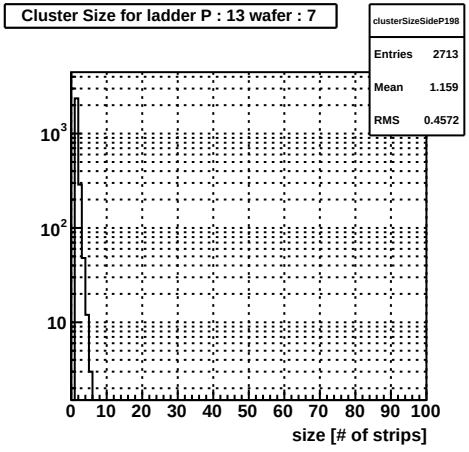

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12369
Mean 1.087
RMS 0.345
size [# of strips]

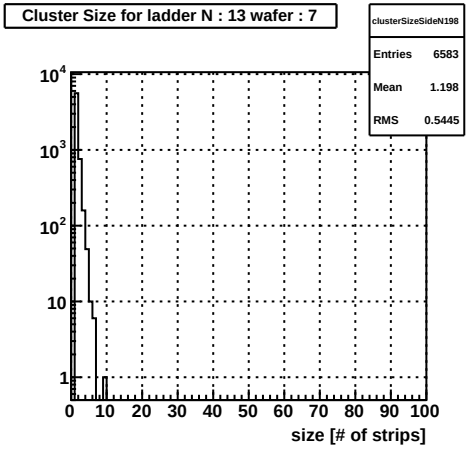

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 7401
Mean 1.152
RMS 0.4734
size [# of strips]

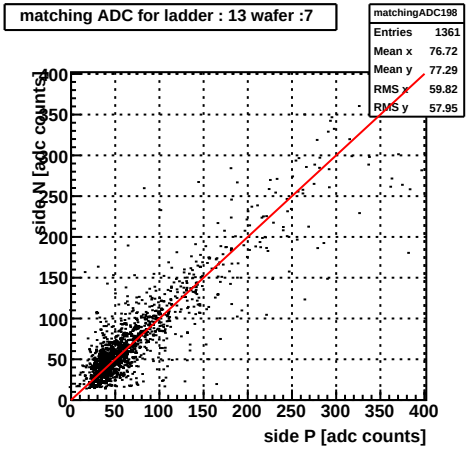

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1593
Mean x 61.25
Mean y 50.15
RMS x 57.83
RMS y 46.03
side N [adc counts]
side P [adc counts]

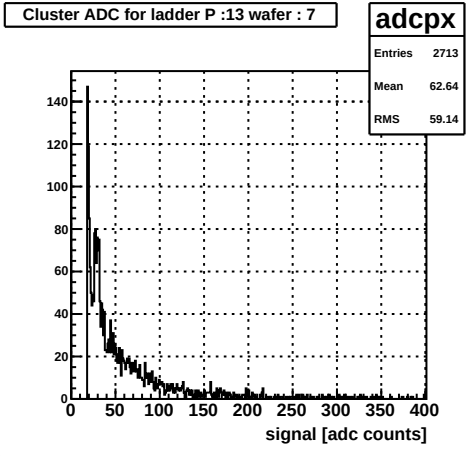

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12369
Mean 32.5
RMS 32.09
signal [adc counts]

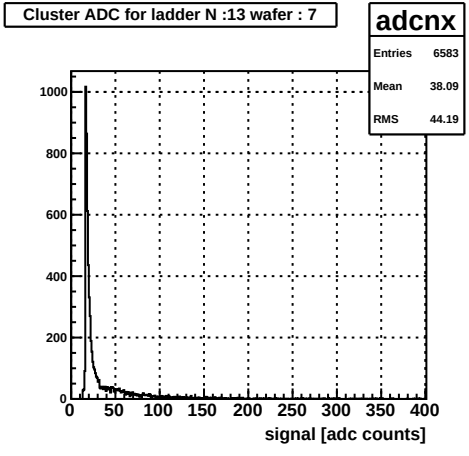

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 7401
Mean 31.75
RMS 33.89
signal [adc counts]

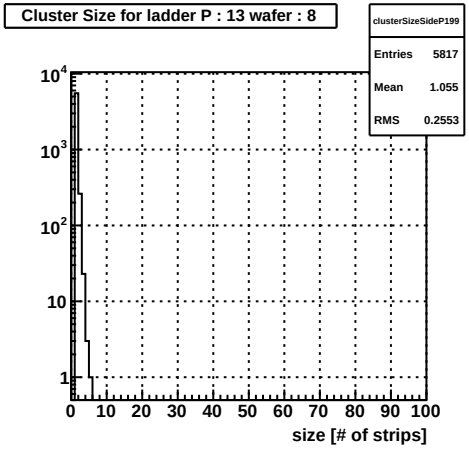

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2713
Mean 1.159
RMS 0.4572
size [# of strips]

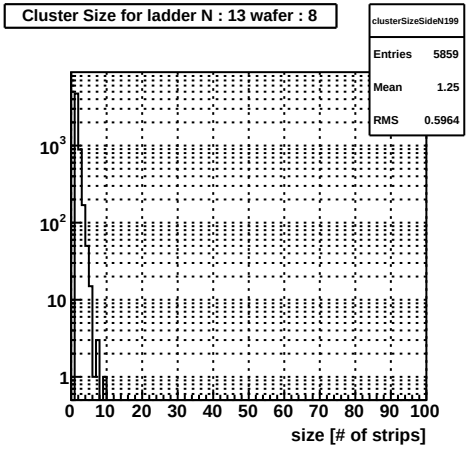

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 6583
Mean 1.198
RMS 0.5445
size [# of strips]

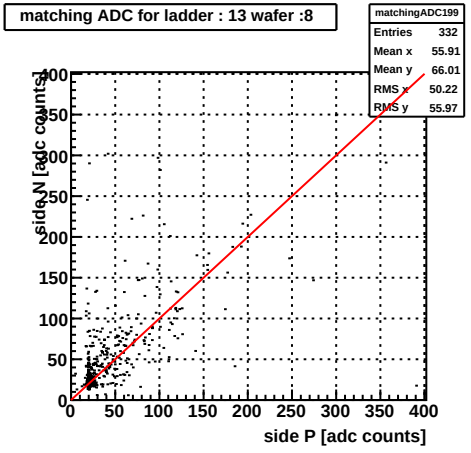

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1361
Mean x 76.72
Mean y 77.29
RMS x 59.82
RMS y 57.95
side N [adc counts]
side P [adc counts]

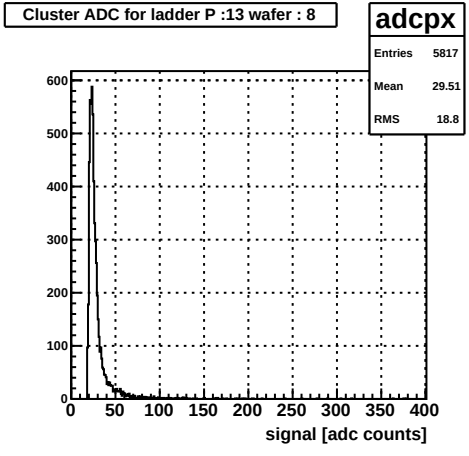

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2713
Mean 62.64
RMS 59.14
signal [adc counts]

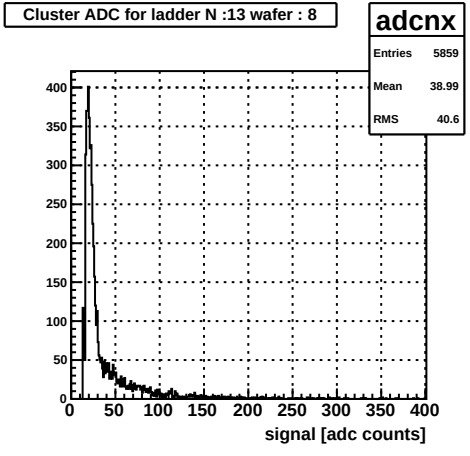

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 6583
Mean 38.09
RMS 44.19
signal [adc counts]

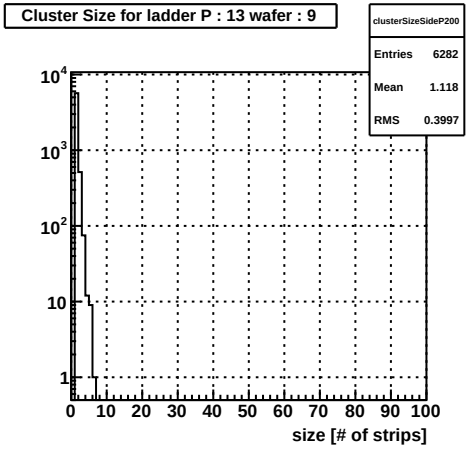

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5817
Mean 1.055
RMS 0.2553
size [# of strips]

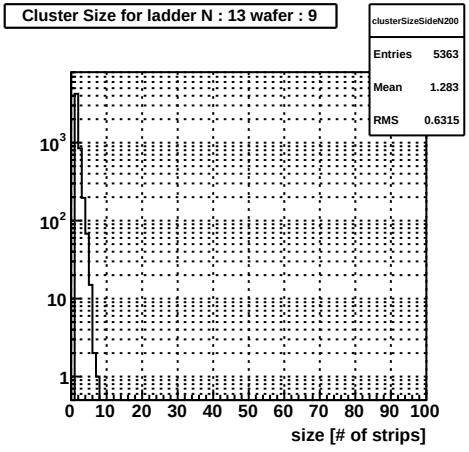

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5859
Mean 1.25
RMS 0.5964
size [# of strips]

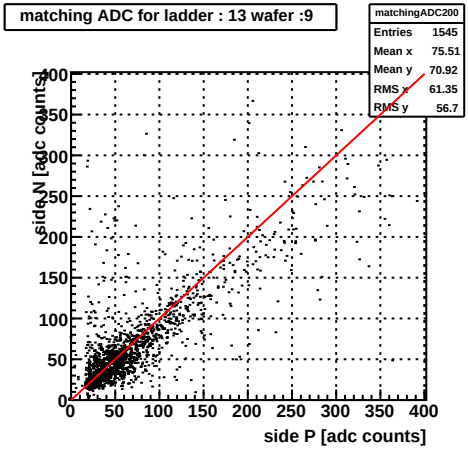

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 332
Mean x 55.91
Mean y 66.01
RMS x 50.22
RMS y 55.97
side N [adc counts]
side P [adc counts]

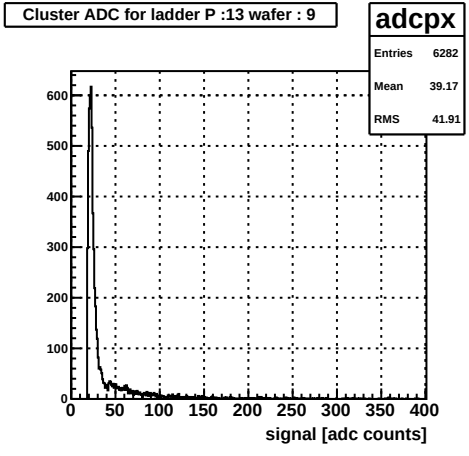

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5817
Mean 29.51
RMS 18.8
signal [adc counts]

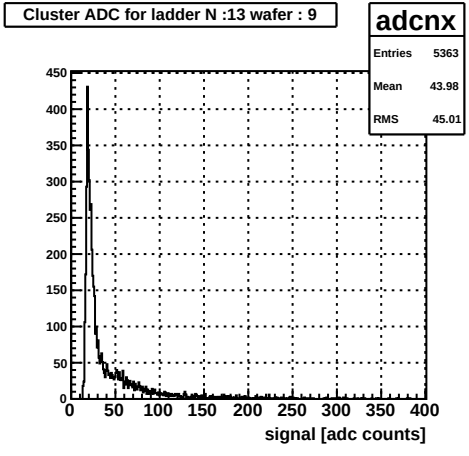

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5859
Mean 38.99
RMS 40.6
signal [adc counts]

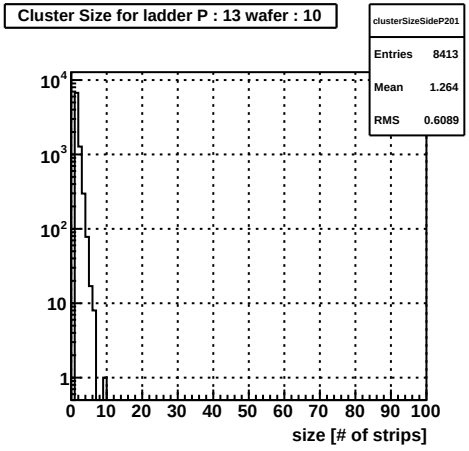

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6282
Mean 1.118
RMS 0.3997
size [# of strips]

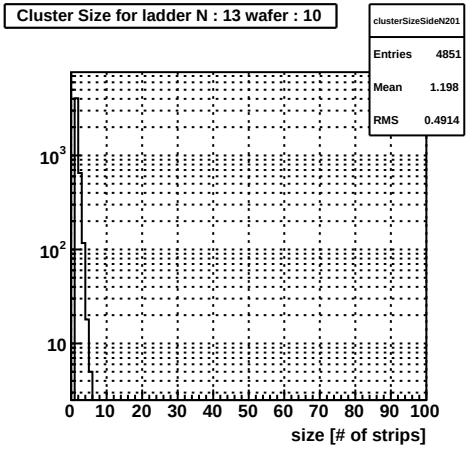

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 5363
Mean 1.283
RMS 0.6315
size [# of strips]

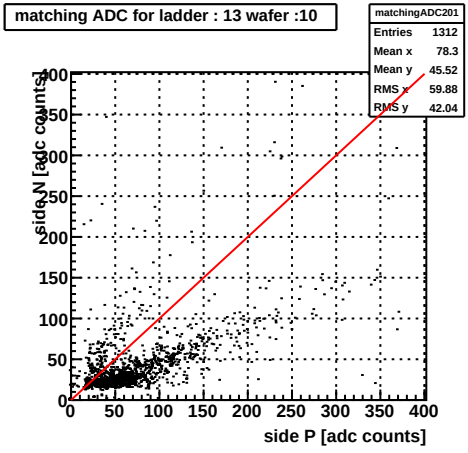

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1545
Mean x 75.51
Mean y 70.92
RMS x 61.35
RMS y 56.7
side N [adc counts]
side P [adc counts]

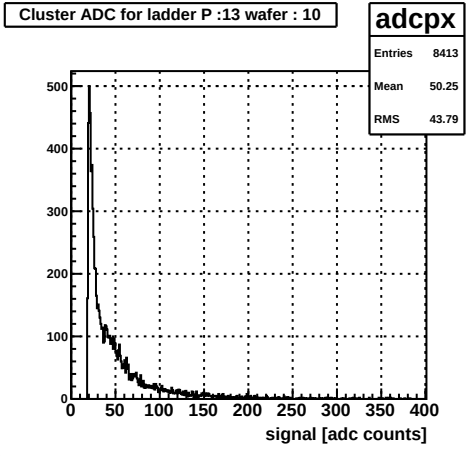

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6282
Mean 39.17
RMS 41.91
signal [adc counts]

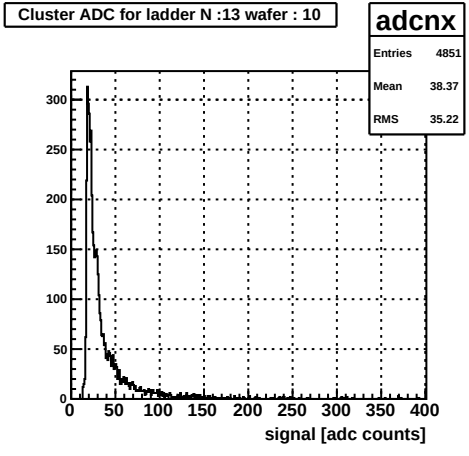

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 5363
Mean 43.98
RMS 45.01
signal [adc counts]

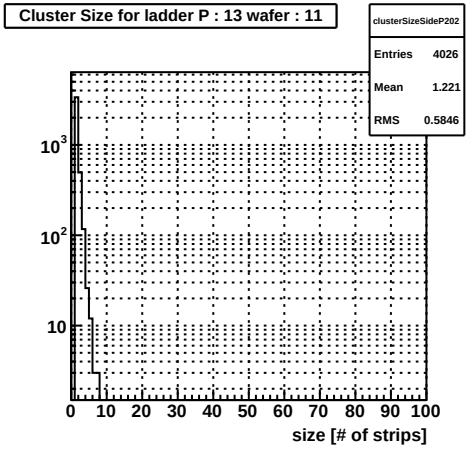

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 8413
Mean 1.264
RMS 0.6089
size [# of strips]

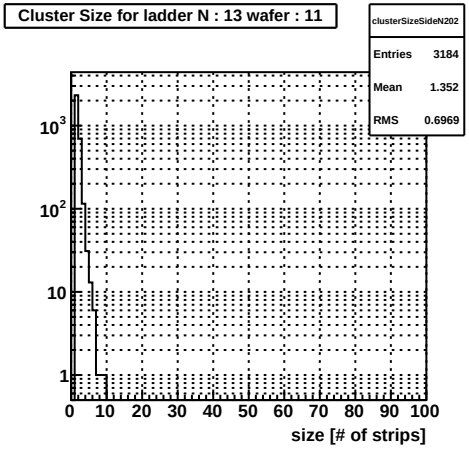

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4851
Mean 1.198
RMS 0.4914
size [# of strips]

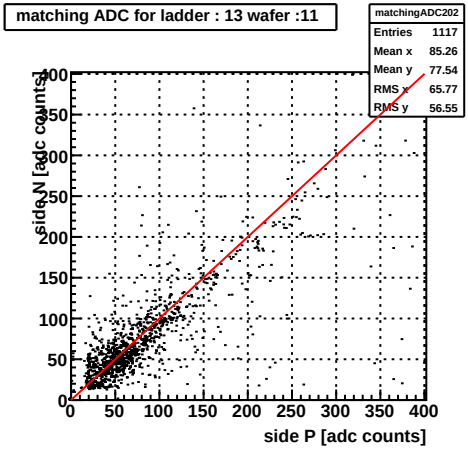

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1312
Mean x 78.3
Mean y 45.52
RMS x 59.88
RMS y 42.04
side N [adc counts]
side P [adc counts]

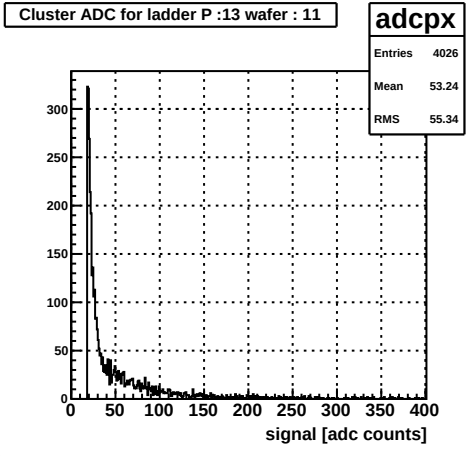

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 8413
Mean 50.25
RMS 43.79
signal [adc counts]

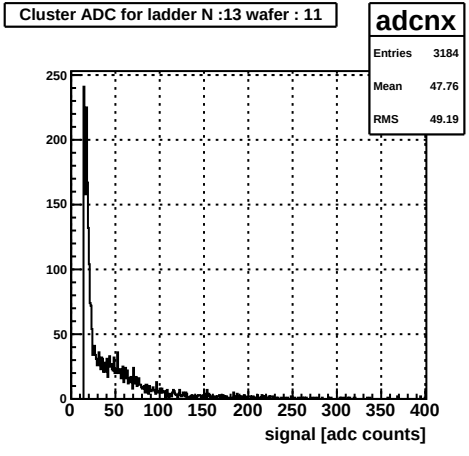

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4851
Mean 38.37
RMS 35.22
signal [adc counts]

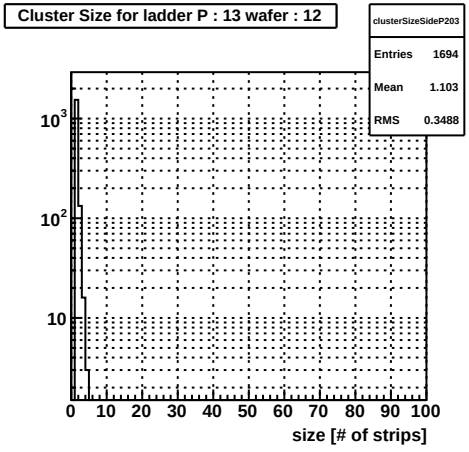

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4026
Mean 1.221
RMS 0.5846
size [# of strips]

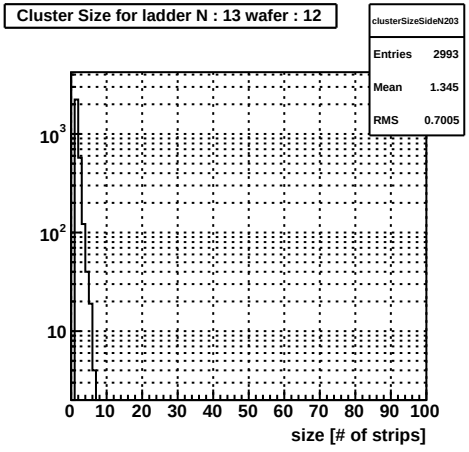

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3184
Mean 1.352
RMS 0.6969
size [# of strips]

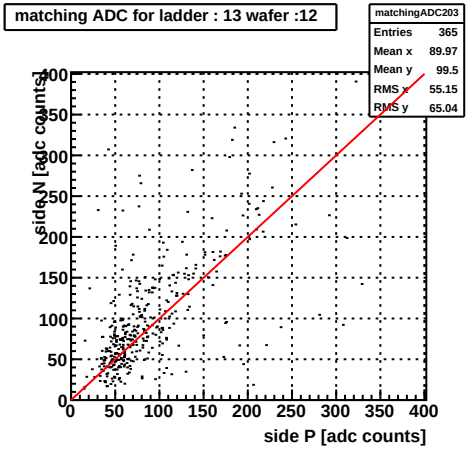

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1117
Mean x 85.26
Mean y 77.54
RMS x 65.77
RMS y 56.55
side N [adc counts]
side P [adc counts]

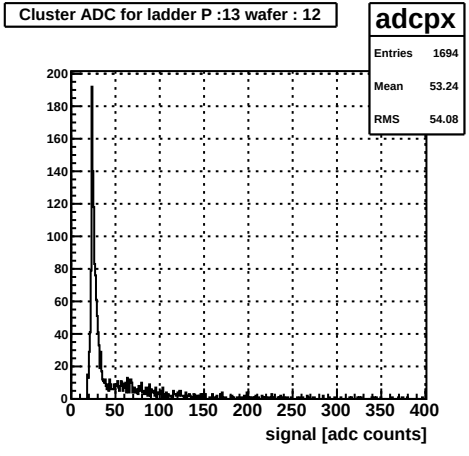

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4026
Mean 53.24
RMS 55.34
signal [adc counts]

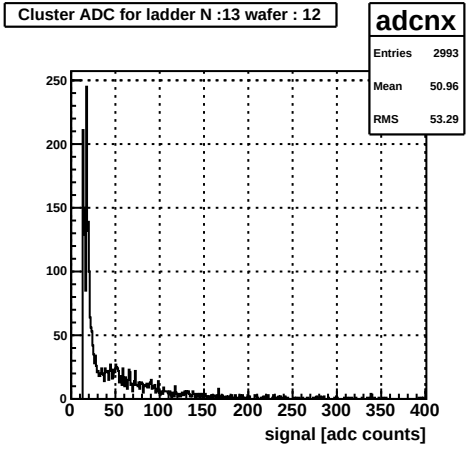

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3184
Mean 47.76
RMS 49.19
signal [adc counts]

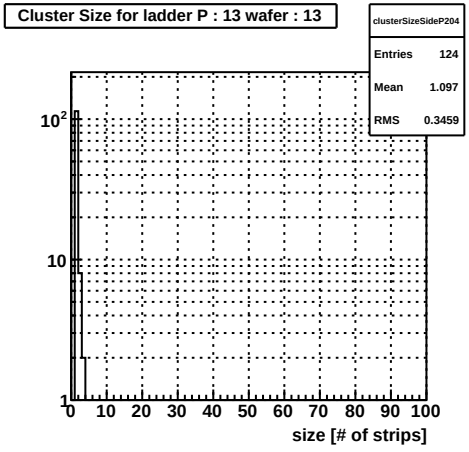

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1694
Mean 1.103
RMS 0.3488
size [# of strips]

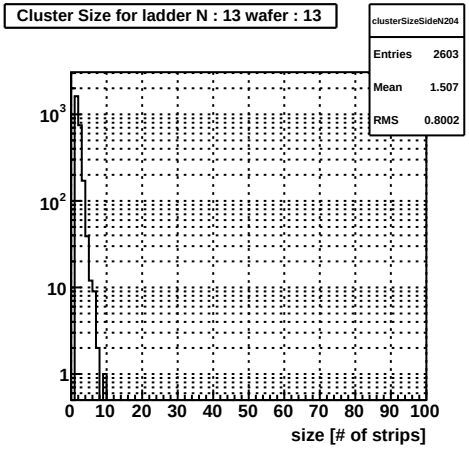

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2993
Mean 1.345
RMS 0.7005
size [# of strips]

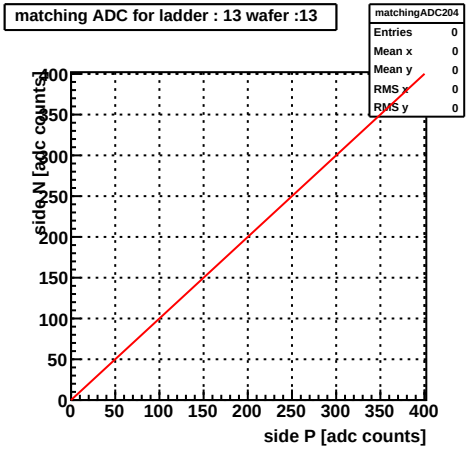

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 365
Mean x 89.97
Mean y 99.5
RMS x 55.15
RMS y 65.04
side N [adc counts]
side P [adc counts]

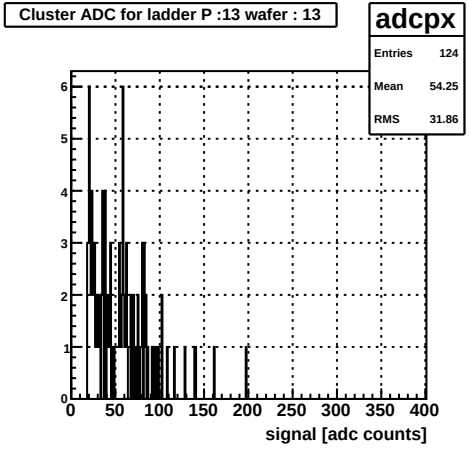

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1694
Mean 53.24
RMS 54.08
signal [adc counts]

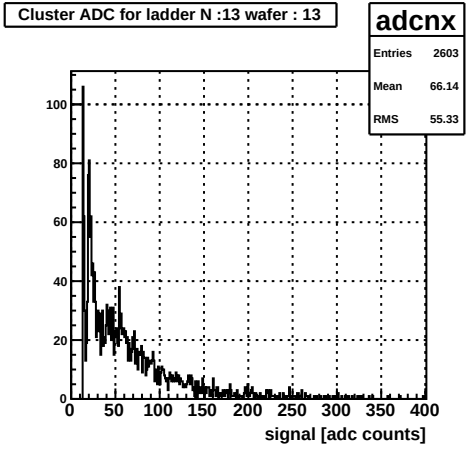

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2993
Mean 50.96
RMS 53.29
signal [adc counts]

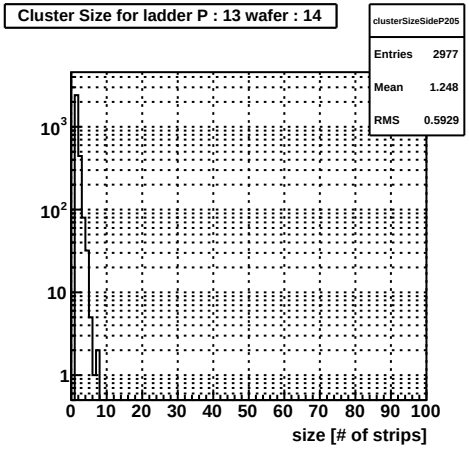

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 124
Mean 1.097
RMS 0.3459
size [# of strips]

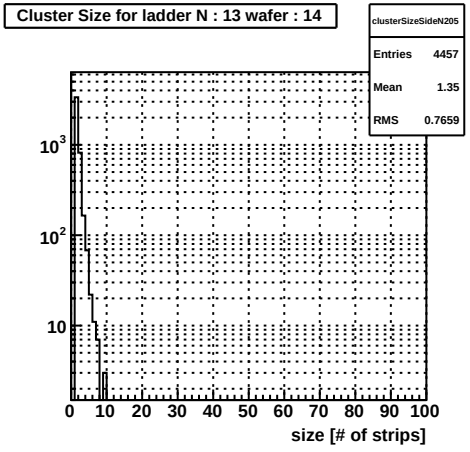

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2603
Mean 1.507
RMS 0.8002
size [# of strips]

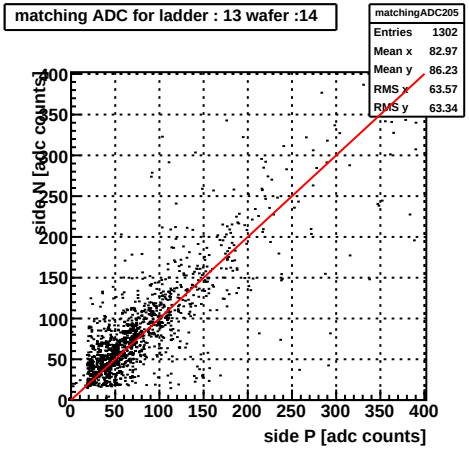

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

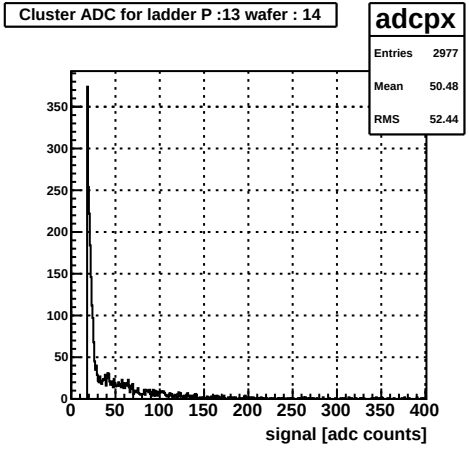

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 124
Mean 54.25
RMS 31.86
signal [adc counts]

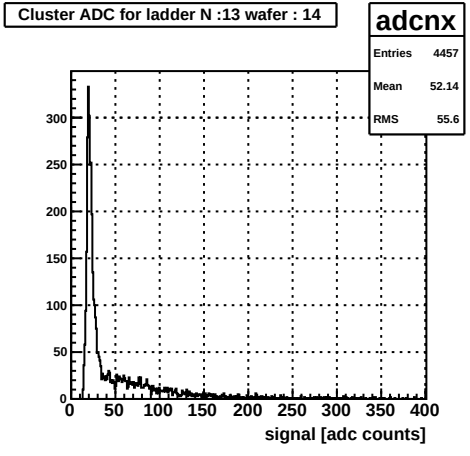

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2603
Mean 66.14
RMS 55.33
signal [adc counts]

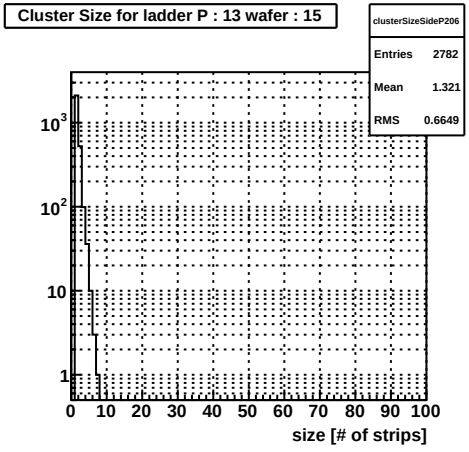

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2977
Mean 1.248
RMS 0.5929
size [# of strips]

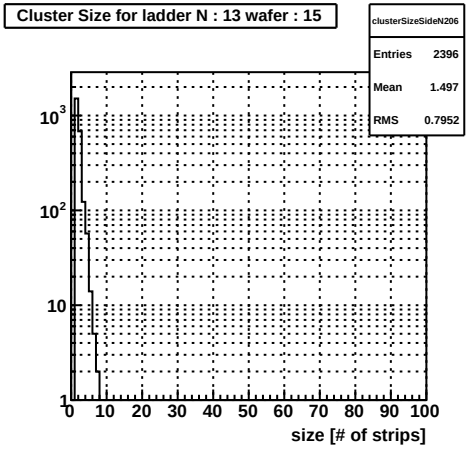

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4457
Mean 1.35
RMS 0.7659
size [# of strips]

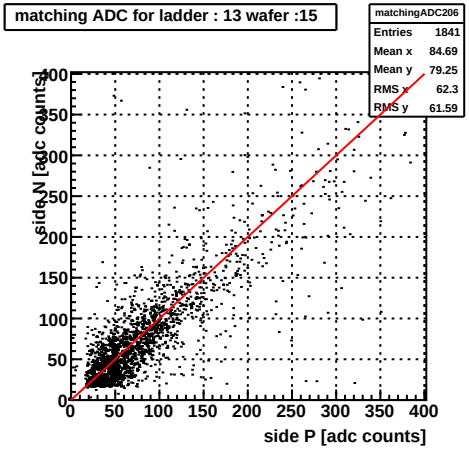

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1302
Mean x 82.97
Mean y 86.23
RMS x 63.57
RMS y 63.34
side N [adc counts]
side P [adc counts]

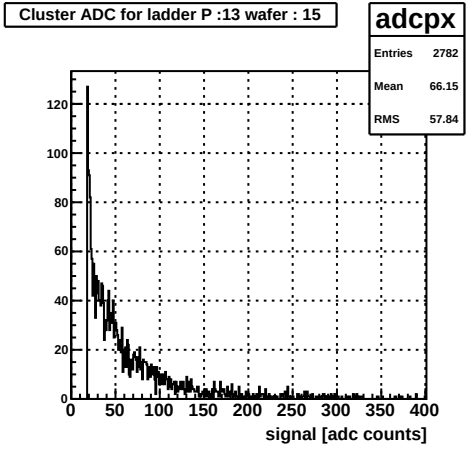

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2977
Mean 50.48
RMS 52.44
signal [adc counts]

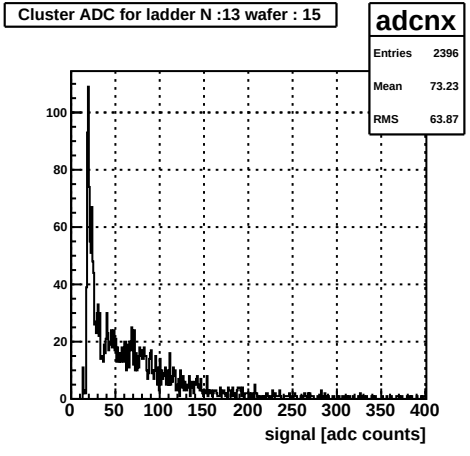

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4457
Mean 52.14
RMS 55.6
signal [adc counts]

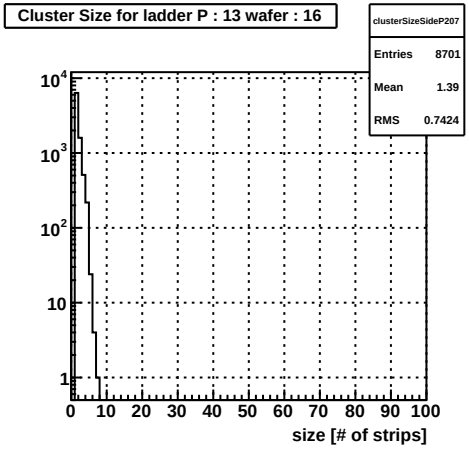

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2782
Mean 1.321
RMS 0.6649
size [# of strips]

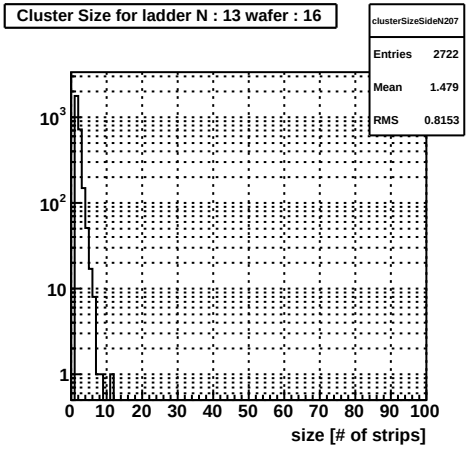

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2396
Mean 1.497
RMS 0.7952
size [# of strips]

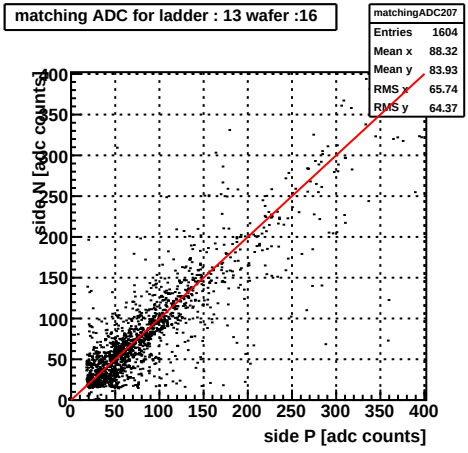

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1841
Mean x 84.69
Mean y 79.25
RMS x 62.3
RMS y 61.59
side N [adc counts]
side P [adc counts]

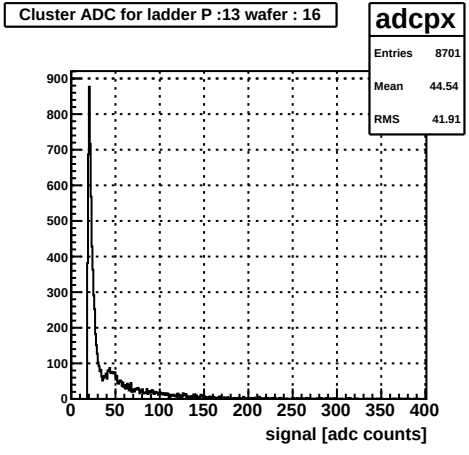

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2782
Mean 66.15
RMS 57.84
signal [adc counts]

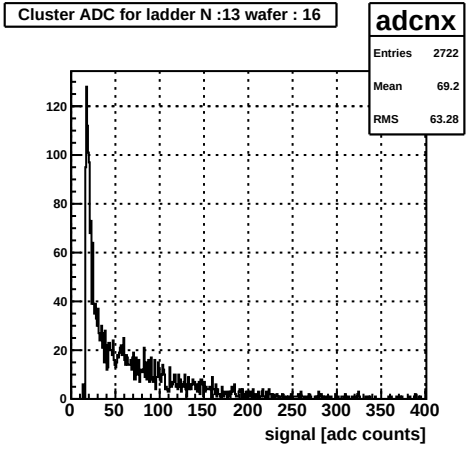

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2396
Mean 73.23
RMS 63.87
signal [adc counts]

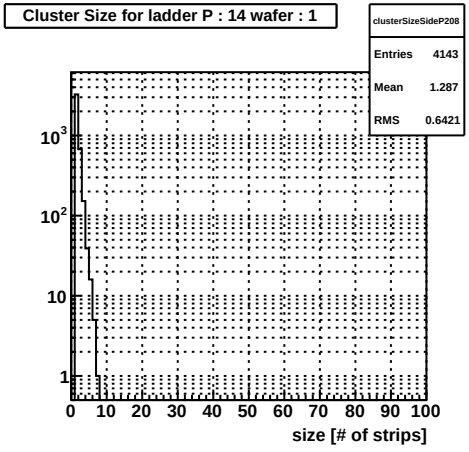

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8701
Mean 1.39
RMS 0.7424
size [# of strips]

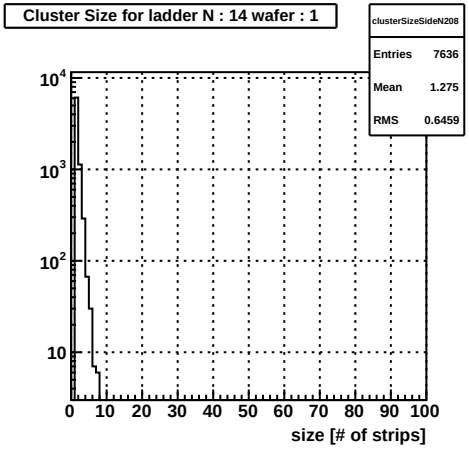

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2722
Mean 1.479
RMS 0.8153
size [# of strips]

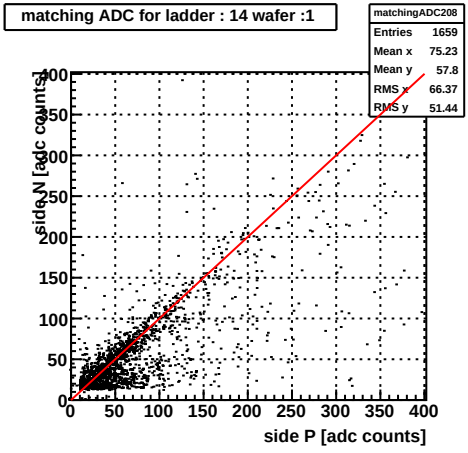

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1604
Mean x 88.32
Mean y 83.93
RMS x 65.74
RMS y 64.37
side N [adc counts]
side P [adc counts]

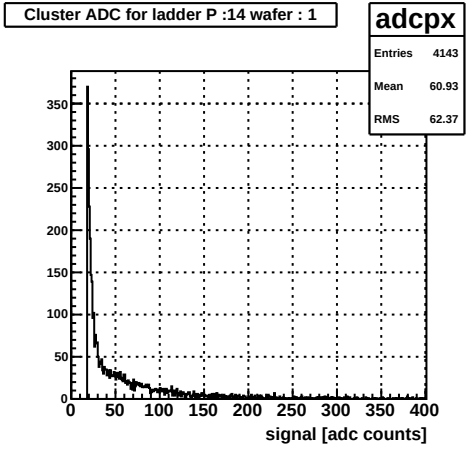

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8701
Mean 44.54
RMS 41.91
signal [adc counts]

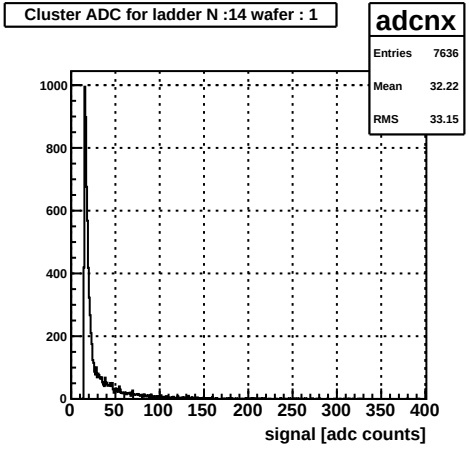

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2722
Mean 69.2
RMS 63.28
signal [adc counts]

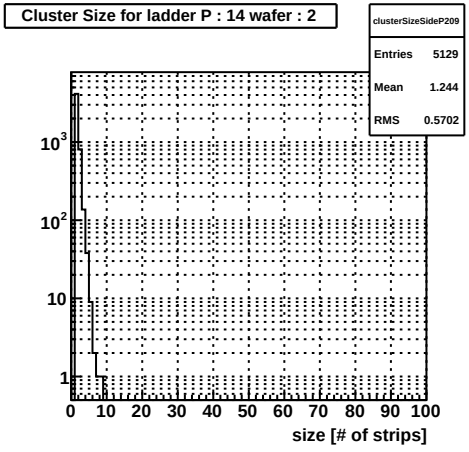

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4143
Mean 1.287
RMS 0.6421
size [# of strips]

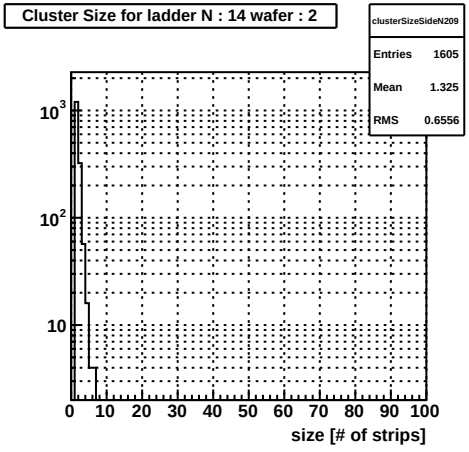

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7636
Mean 1.275
RMS 0.6459
size [# of strips]

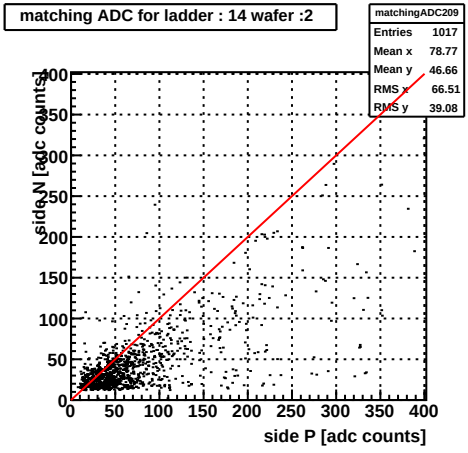

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1659
Mean x 75.23
Mean y 57.8
RMS x 66.37
RMS y 51.44
side N [adc counts]
side P [adc counts]

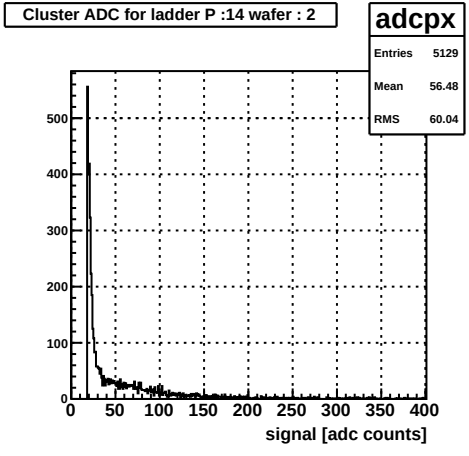

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4143
Mean 60.93
RMS 62.37
signal [adc counts]

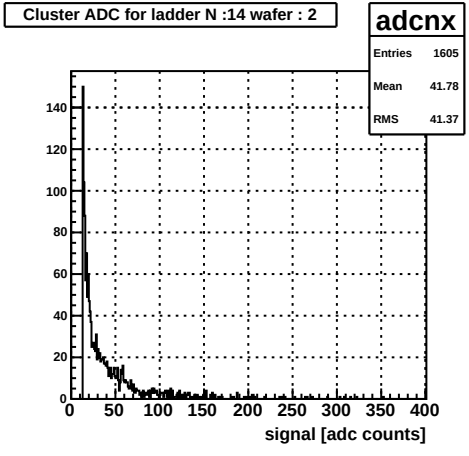

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7636
Mean 32.22
RMS 33.15
signal [adc counts]

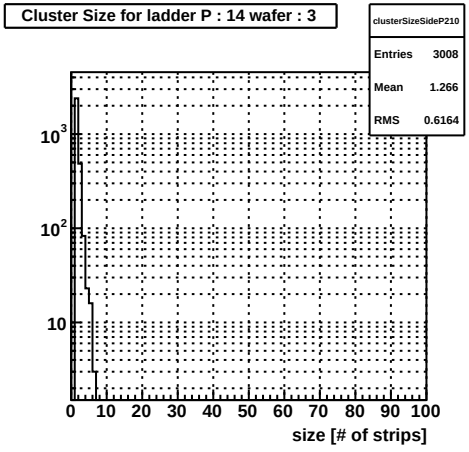

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5129
Mean 1.244
RMS 0.5702
size [# of strips]

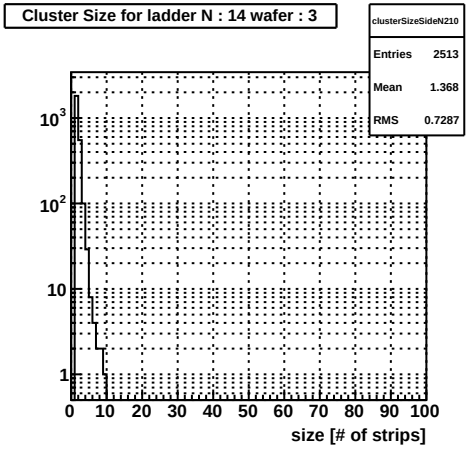

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1605
Mean 1.325
RMS 0.6556
size [# of strips]

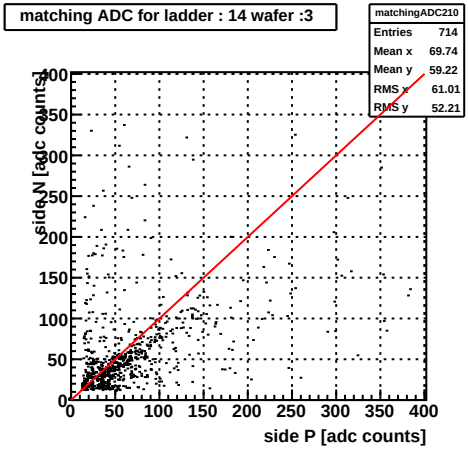

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1017
Mean x 78.77
Mean y 46.66
RMS x 66.51
RMS y 39.08
side N [adc counts]
side P [adc counts]

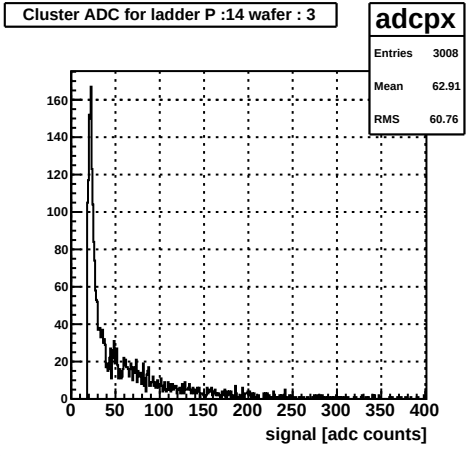

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5129
Mean 56.48
RMS 60.04
signal [adc counts]

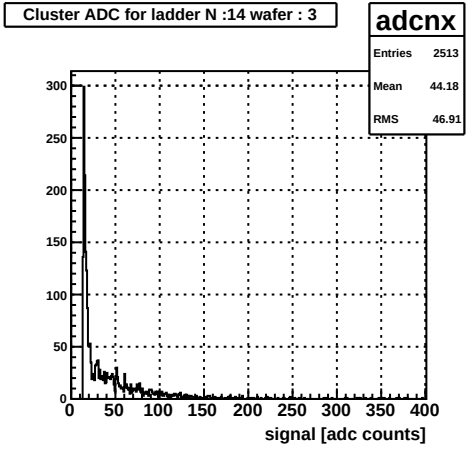

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1605
Mean 41.78
RMS 41.37
signal [adc counts]

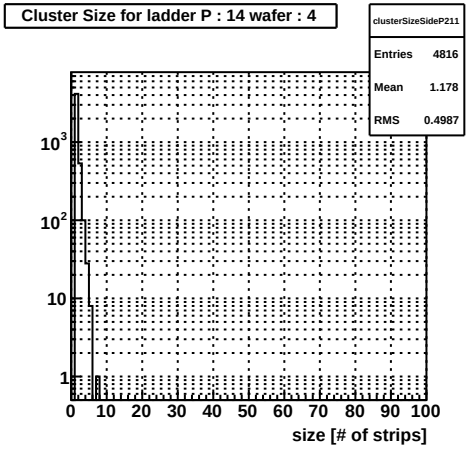

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3008
Mean 1.266
RMS 0.6164
size [# of strips]

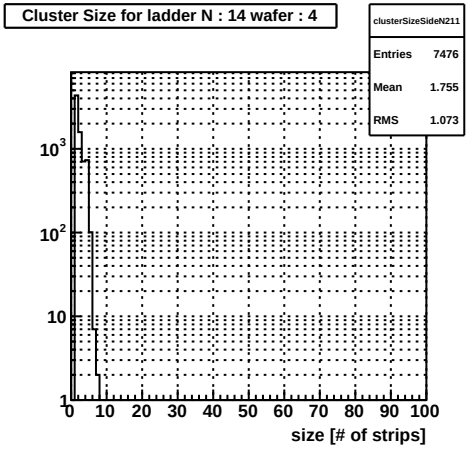

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2513
Mean 1.368
RMS 0.7287
size [# of strips]

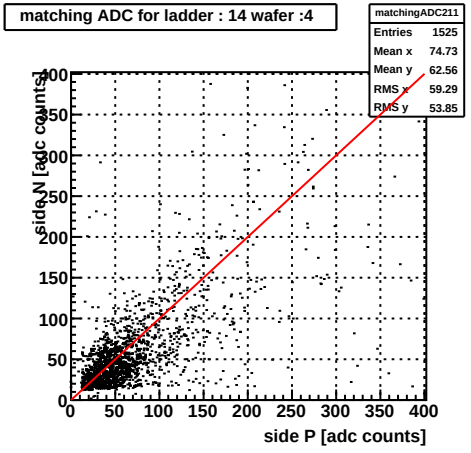

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 714
Mean x 69.74
Mean y 59.22
RMS x 61.01
RMS y 52.21
side N [adc counts]
side P [adc counts]

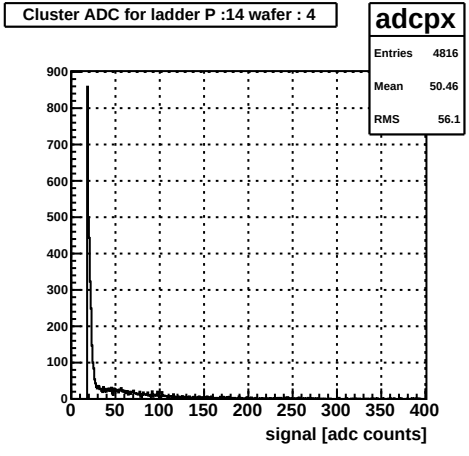

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3008
Mean 62.91
RMS 60.76
signal [adc counts]

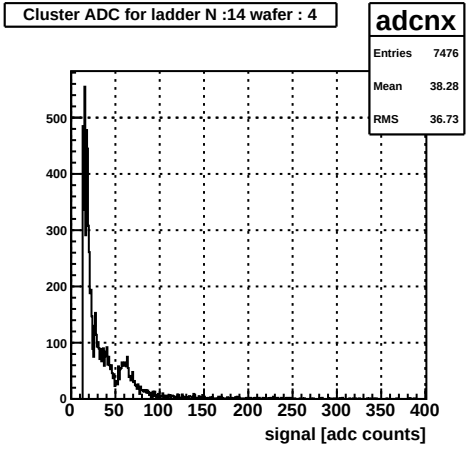

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2513
Mean 44.18
RMS 46.91
signal [adc counts]

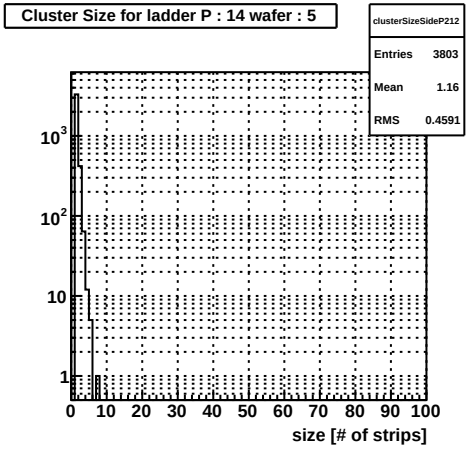

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4816
Mean 1.178
RMS 0.4987
size [# of strips]

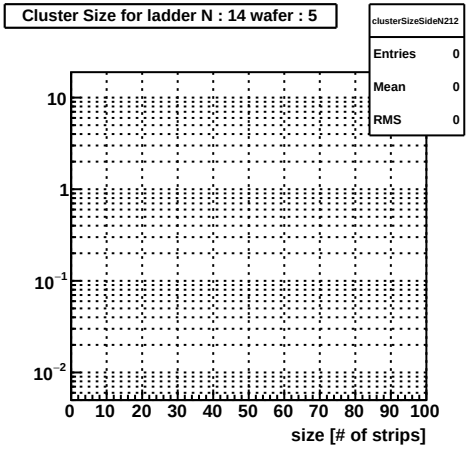

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7476
Mean 1.755
RMS 1.073
size [# of strips]

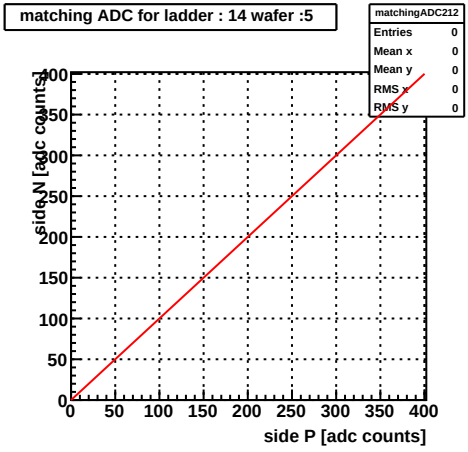

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1525
Mean x 74.73
Mean y 62.56
RMS x 59.29
RMS y 53.85
side N [adc counts]
side P [adc counts]

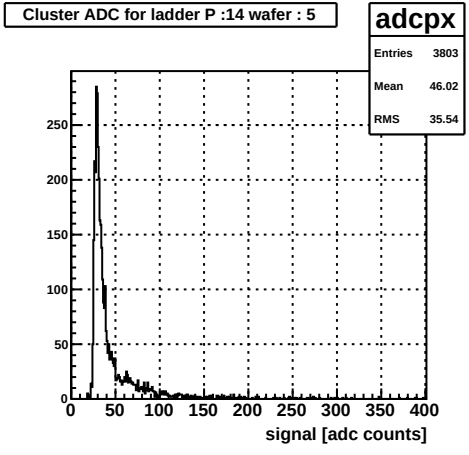

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4816
Mean 50.46
RMS 56.1
signal [adc counts]

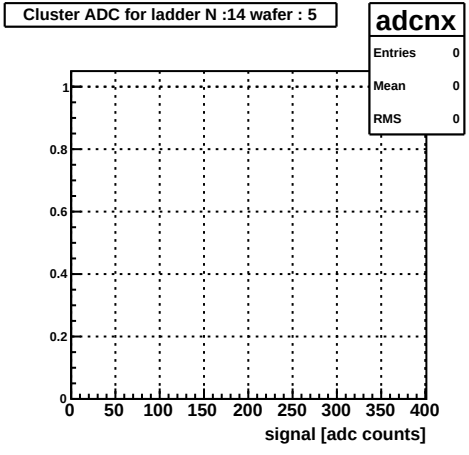

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7476
Mean 38.28
RMS 36.73
signal [adc counts]

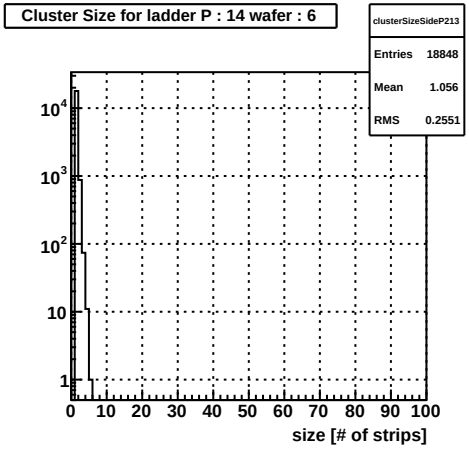

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3803
Mean 1.16
RMS 0.4591
size [# of strips]

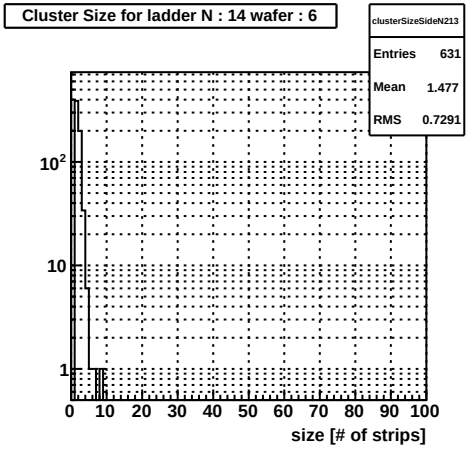

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

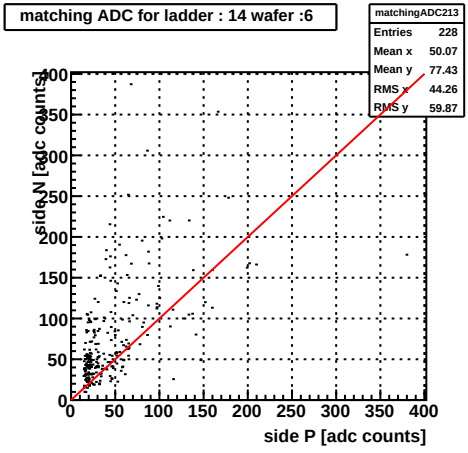

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

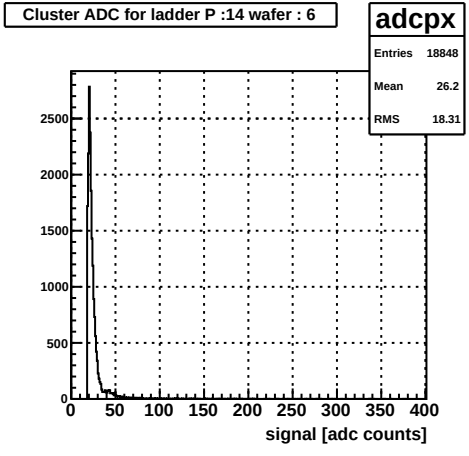

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3803
Mean 46.02
RMS 35.54
signal [adc counts]

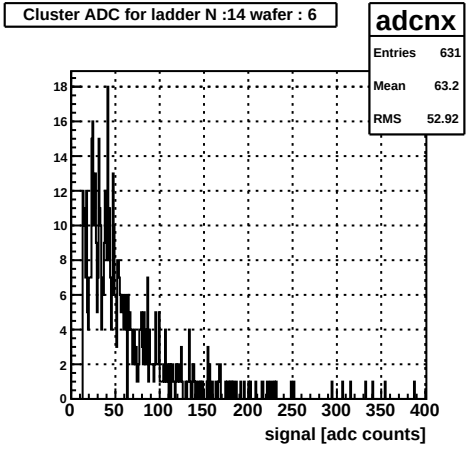

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

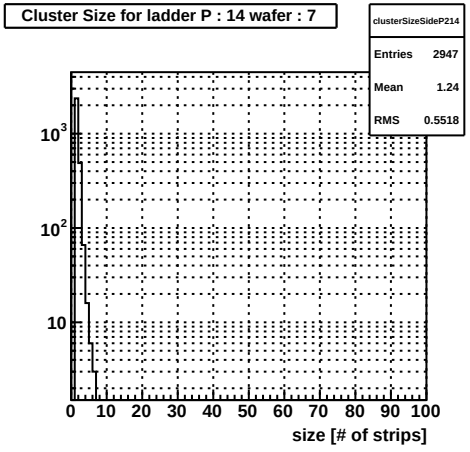

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 18848
Mean 1.056
RMS 0.2551
size [# of strips]

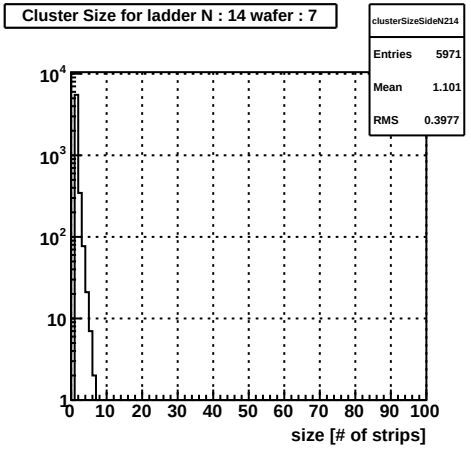

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 631
Mean 1.477
RMS 0.7291
size [# of strips]

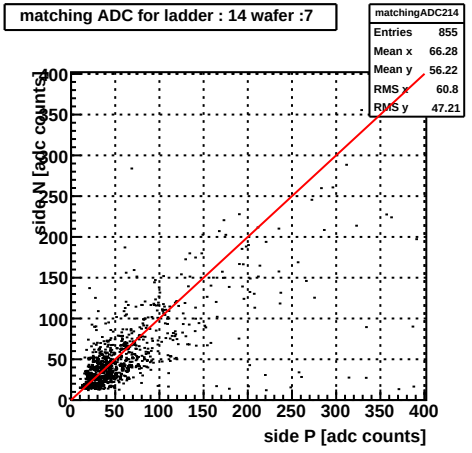

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 228
Mean x 50.07
Mean y 77.43
RMS x 44.26
RMS y 59.87
side N [adc counts]
side P [adc counts]

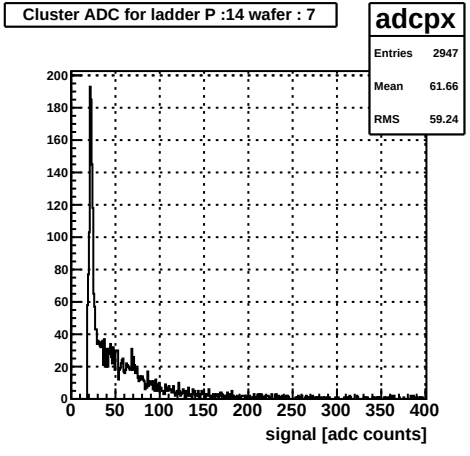

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 18848
Mean 26.2
RMS 18.31
signal [adc counts]

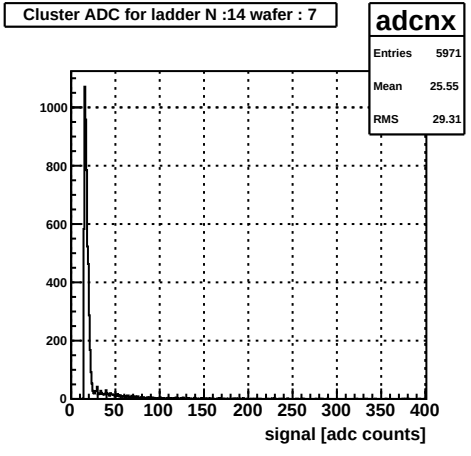

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 631
Mean 63.2
RMS 52.92
signal [adc counts]

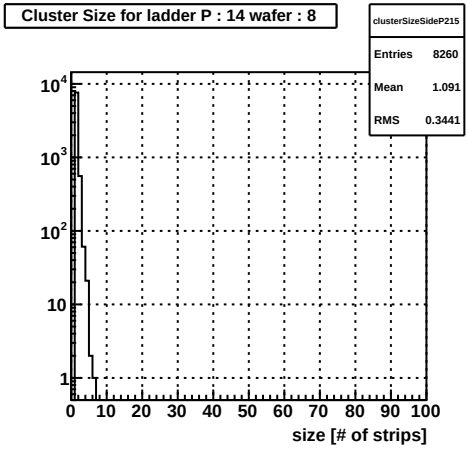

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2947
Mean 1.24
RMS 0.5518
size [# of strips]

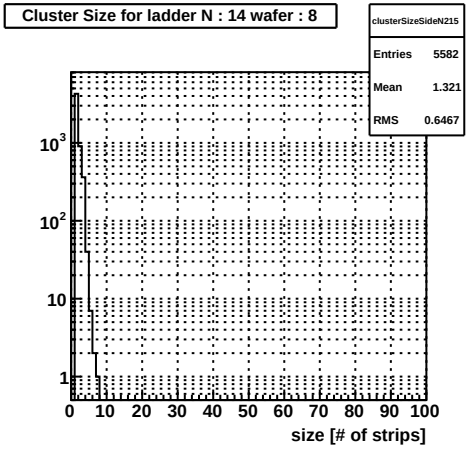

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5971
Mean 1.101
RMS 0.3977
size [# of strips]

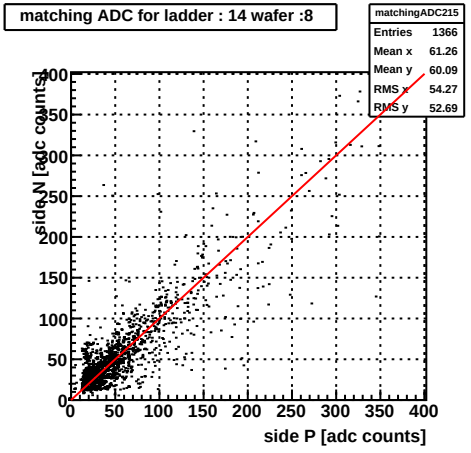

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 855
Mean x 66.28
Mean y 56.22
RMS x 60.8
RMS y 47.21
side N [adc counts]
side P [adc counts]

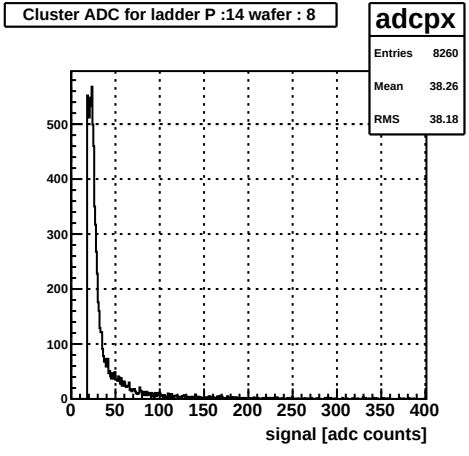

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2947
Mean 61.66
RMS 59.24
signal [adc counts]

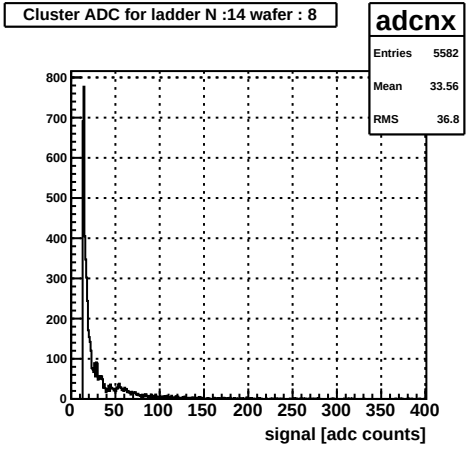

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5971
Mean 25.55
RMS 29.31
signal [adc counts]

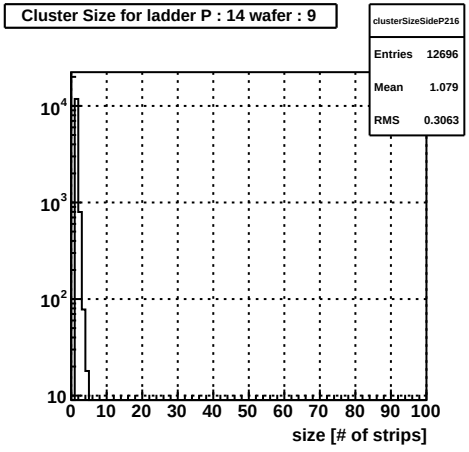

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 8260
Mean 1.091
RMS 0.3441
size [# of strips]

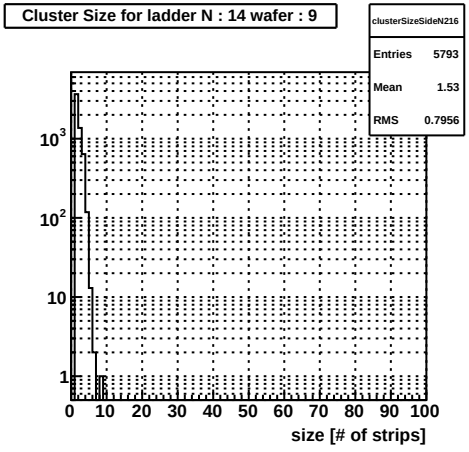

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5582
Mean 1.321
RMS 0.6467
size [# of strips]

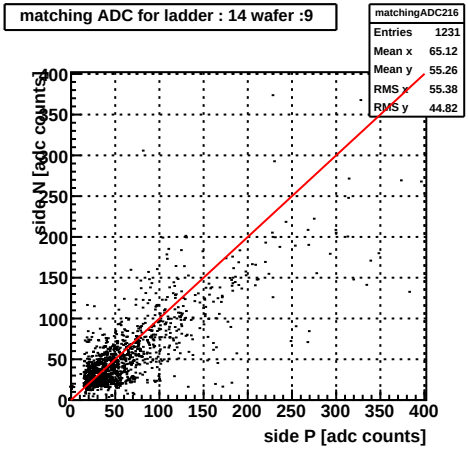

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1366
Mean x 61.26
Mean y 60.09
RMS x 54.27
RMS y 52.69
side N [adc counts]
side P [adc counts]

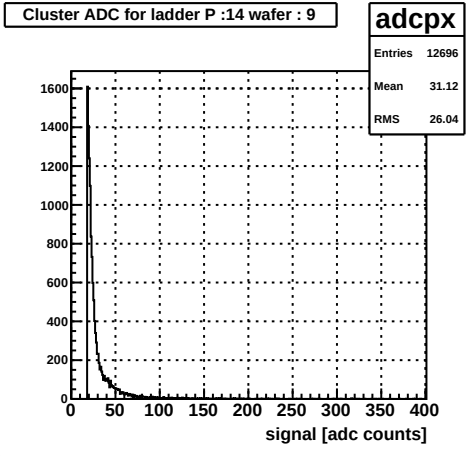

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 8260
Mean 38.26
RMS 38.18
signal [adc counts]

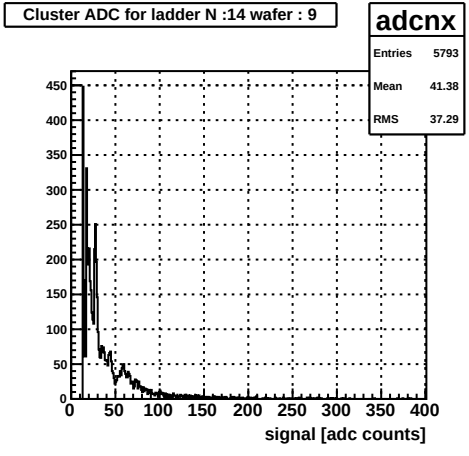

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5582
Mean 33.56
RMS 36.8
signal [adc counts]

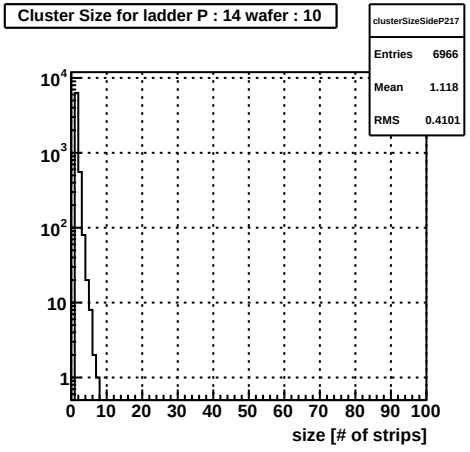

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12696
Mean 1.079
RMS 0.3063
size [# of strips]

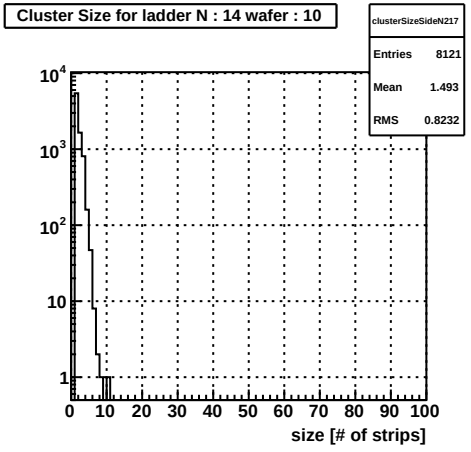

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5793
Mean 1.53
RMS 0.7956
size [# of strips]

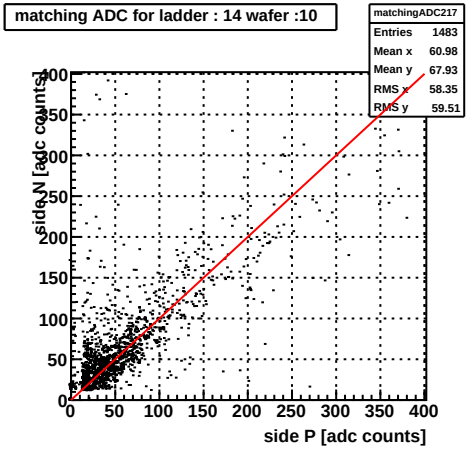

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1231
Mean x 65.12
Mean y 55.26
RMS x 55.38
RMS y 44.82
side N [adc counts]
side P [adc counts]

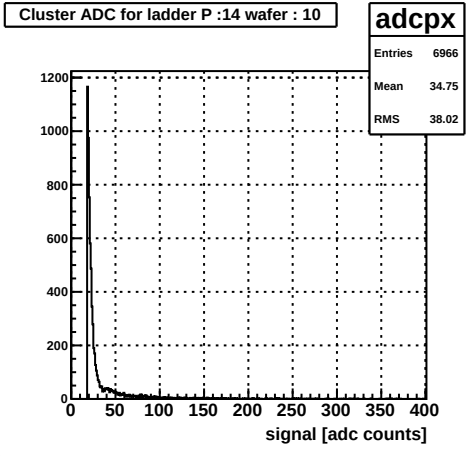

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12696
Mean 31.12
RMS 26.04
signal [adc counts]

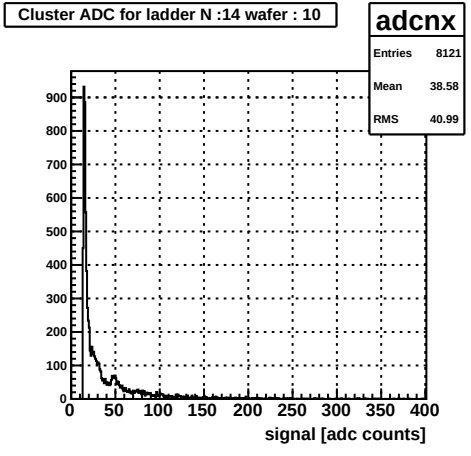

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5793
Mean 41.38
RMS 37.29
signal [adc counts]

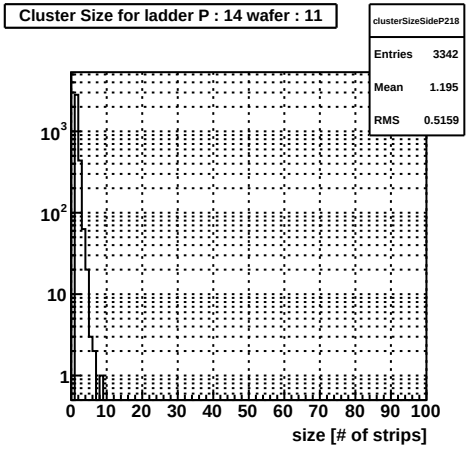

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6966
Mean 1.118
RMS 0.4101
size [# of strips]

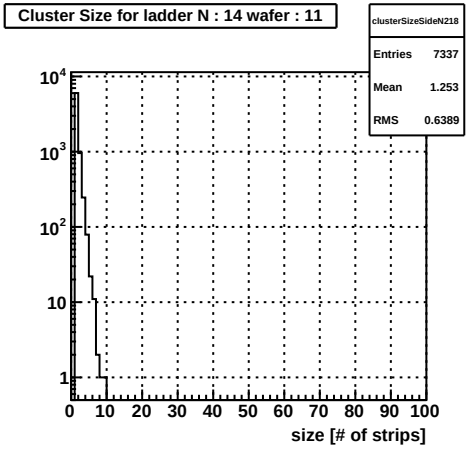

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8121
Mean 1.493
RMS 0.8232
size [# of strips]

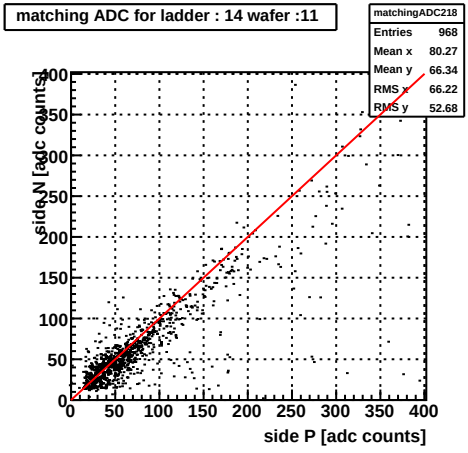

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1483
Mean x 60.98
Mean y 67.93
RMS x 58.35
RMS y 59.51
side N [adc counts]
side P [adc counts]

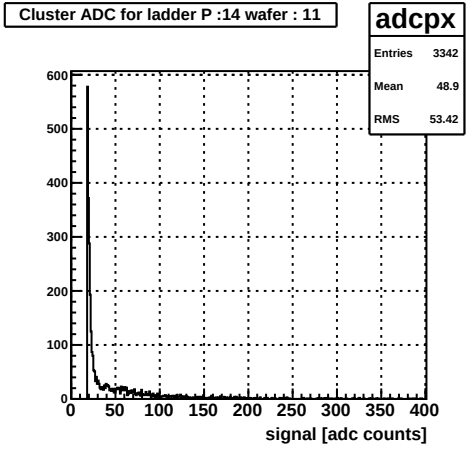

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6966
Mean 34.75
RMS 38.02
signal [adc counts]

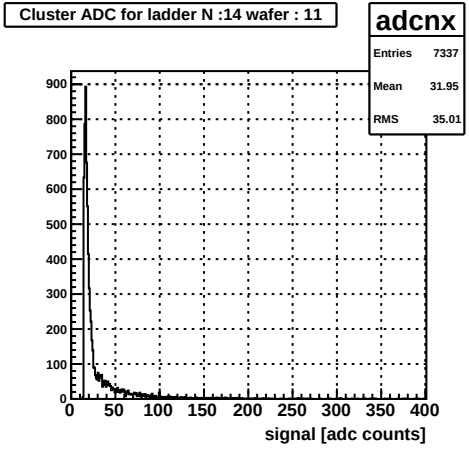

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8121
Mean 38.58
RMS 40.99
signal [adc counts]

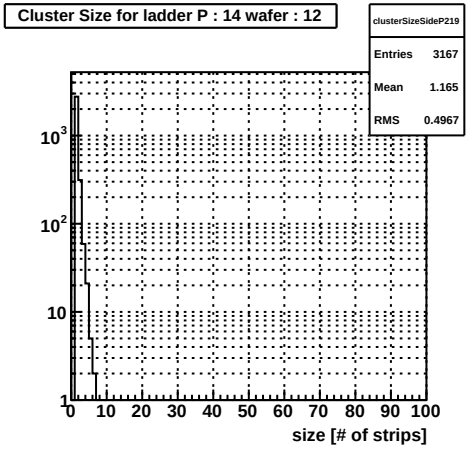

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3342
Mean 1.195
RMS 0.5159
size [# of strips]

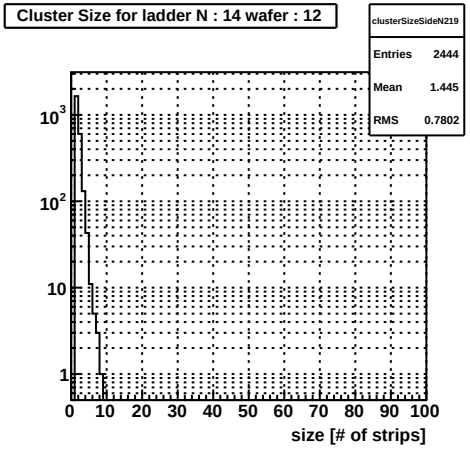

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7337
Mean 1.253
RMS 0.6389
size [# of strips]

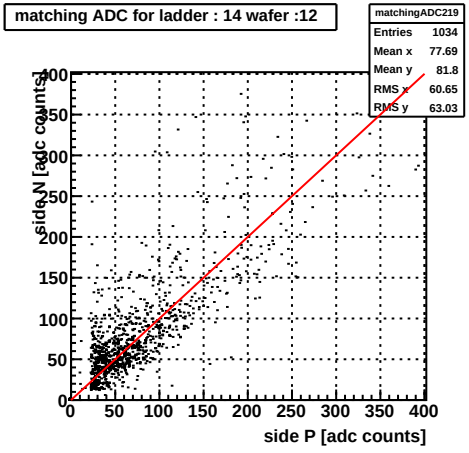

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 968
Mean x 80.27
Mean y 66.34
RMS x 66.22
RMS y 52.68
side N [adc counts]
side P [adc counts]

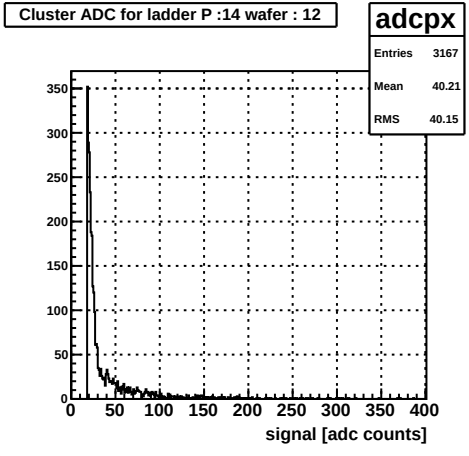

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3342
Mean 48.9
RMS 53.42
signal [adc counts]

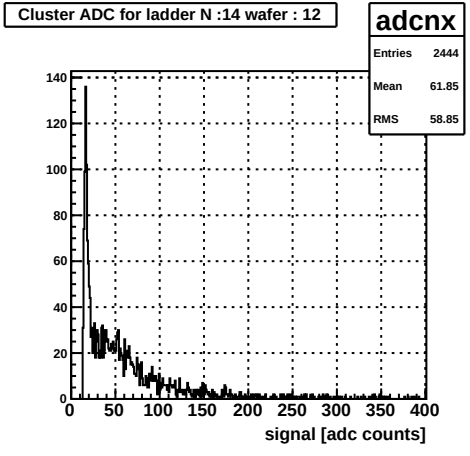

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7337
Mean 31.95
RMS 35.01
signal [adc counts]

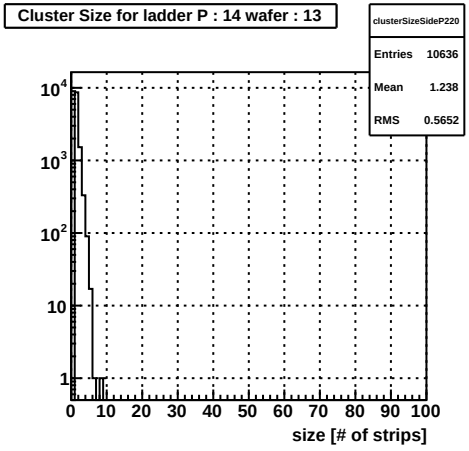

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3167
Mean 1.165
RMS 0.4967
size [# of strips]

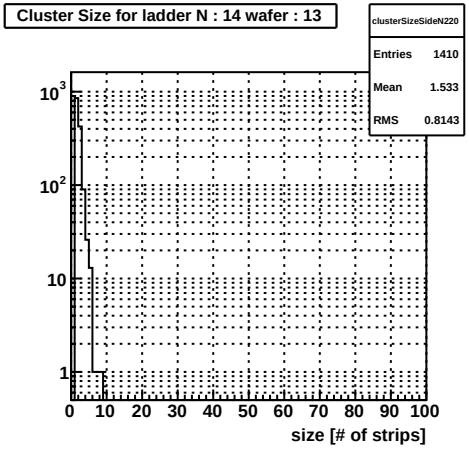

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2444
Mean 1.445
RMS 0.7802
size [# of strips]

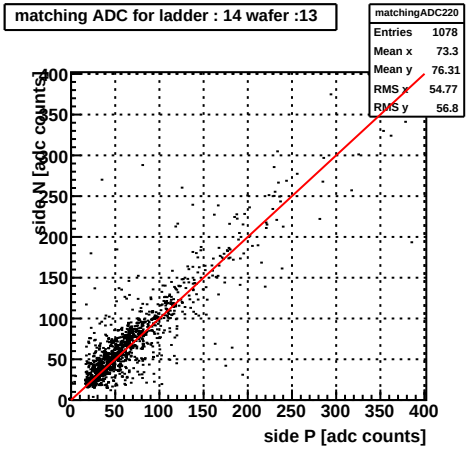

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1034
Mean x 77.69
Mean y 81.8
RMS x 60.65
RMS y 63.03
side N [adc counts]
side P [adc counts]

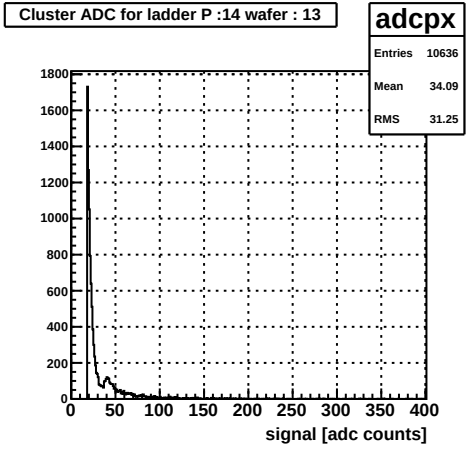

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3167
Mean 40.21
RMS 40.15
signal [adc counts]

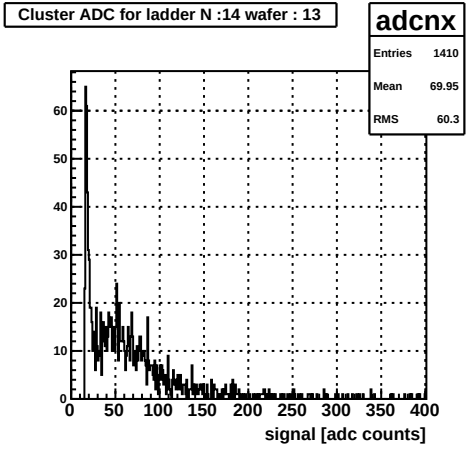

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2444
Mean 61.85
RMS 58.85
signal [adc counts]

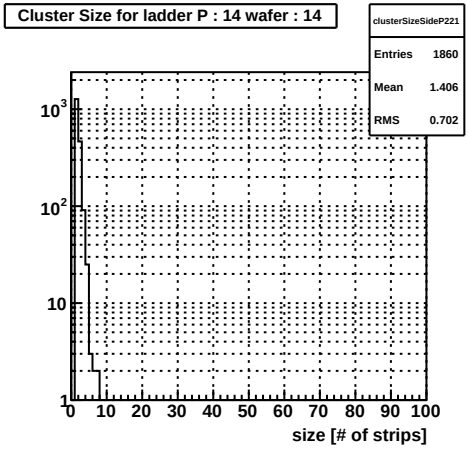

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10636
Mean 1.238
RMS 0.5652
size [# of strips]

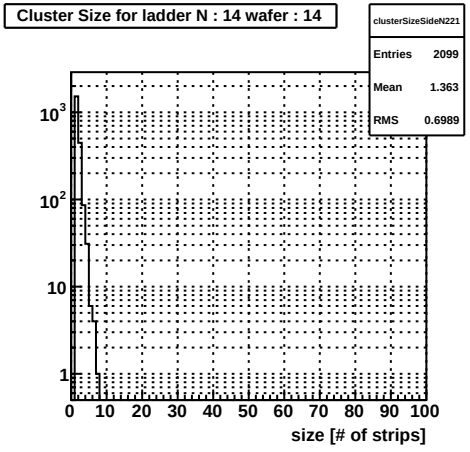

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1410
Mean 1.533
RMS 0.8143
size [# of strips]

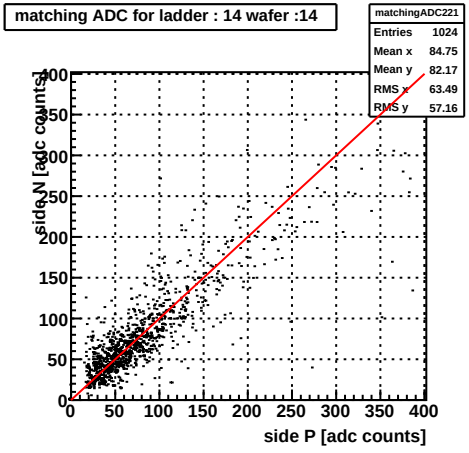

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1078
Mean x 73.3
Mean y 76.31
RMS x 54.77
RMS y 56.8
side N [adc counts]
side P [adc counts]

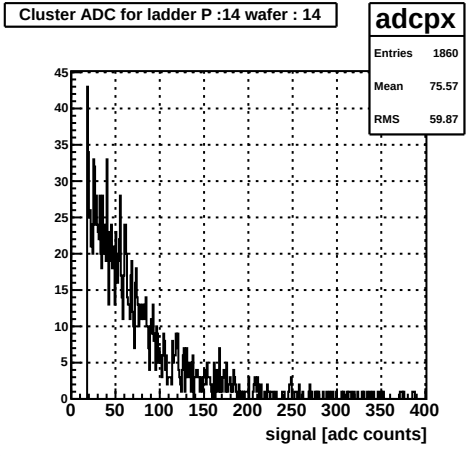

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10636
Mean 34.09
RMS 31.25
signal [adc counts]

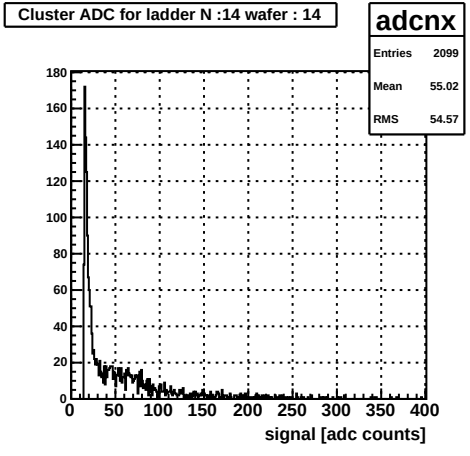

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1410
Mean 69.95
RMS 60.3
signal [adc counts]

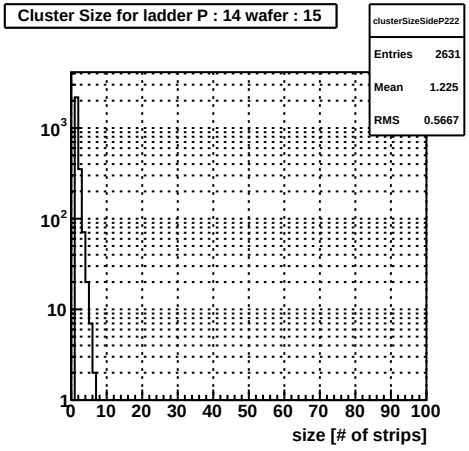

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1860
Mean 1.406
RMS 0.702
size [# of strips]

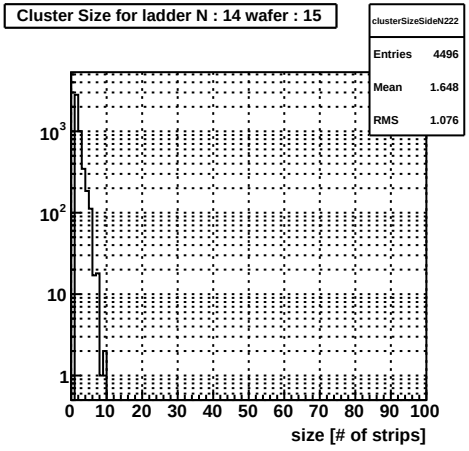

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2099
Mean 1.363
RMS 0.6989
size [# of strips]

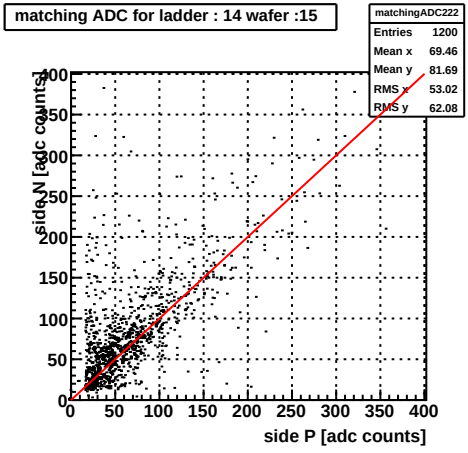

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1024
Mean x 84.75
Mean y 82.17
RMS x 63.49
RMS y 57.16
side N [adc counts]
side P [adc counts]

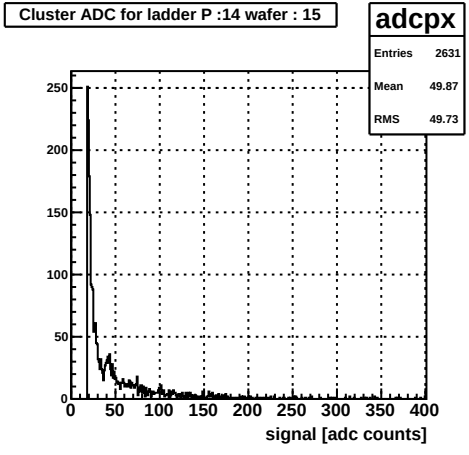

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1860
Mean 75.57
RMS 59.87
signal [adc counts]

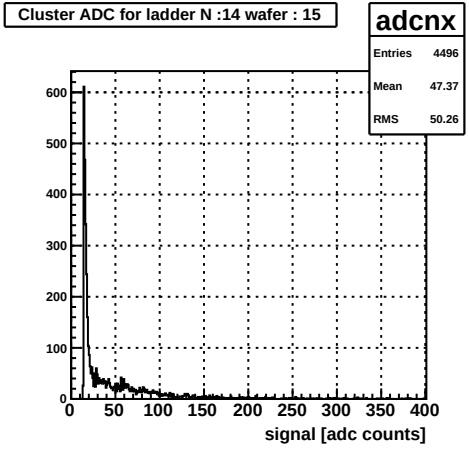

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2099
Mean 55.02
RMS 54.57
signal [adc counts]

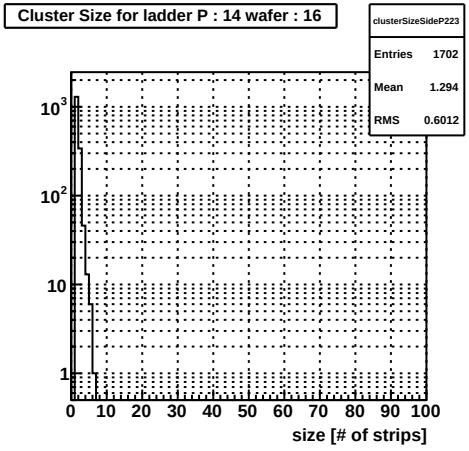

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2631
Mean 1.225
RMS 0.5667
size [# of strips]

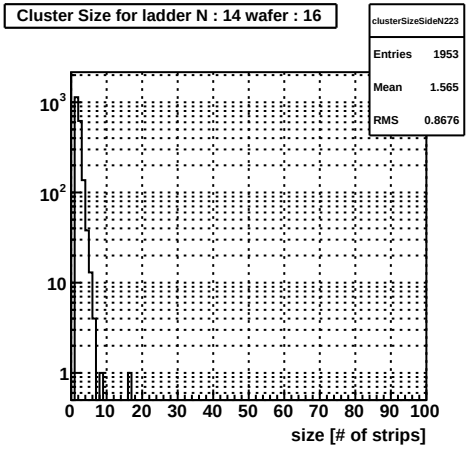

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4496
Mean 1.648
RMS 1.076
size [# of strips]

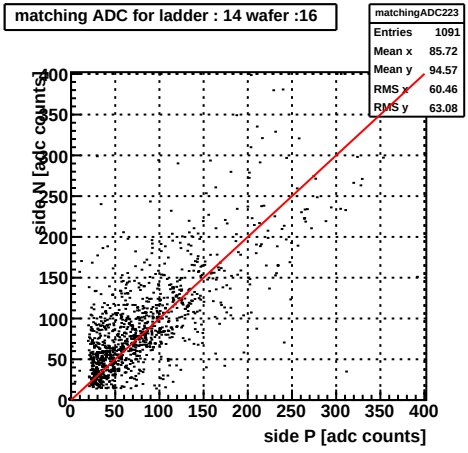

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1200
Mean x 69.46
Mean y 81.69
RMS x 53.02
RMS y 62.08
side N [adc counts]
side P [adc counts]

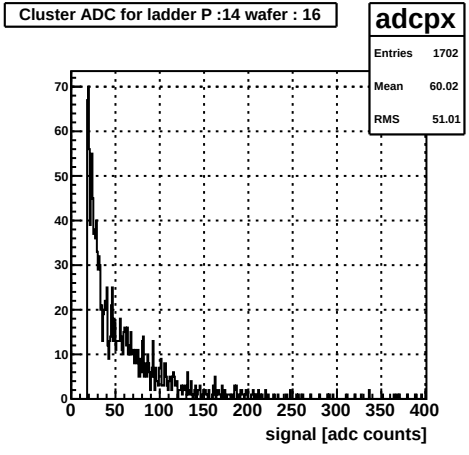

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2631
Mean 49.87
RMS 49.73
signal [adc counts]

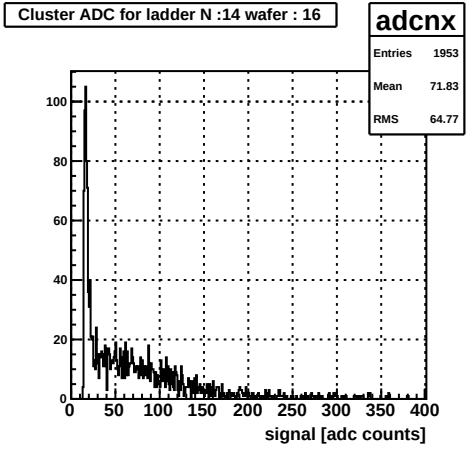

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4496
Mean 47.37
RMS 50.26
signal [adc counts]

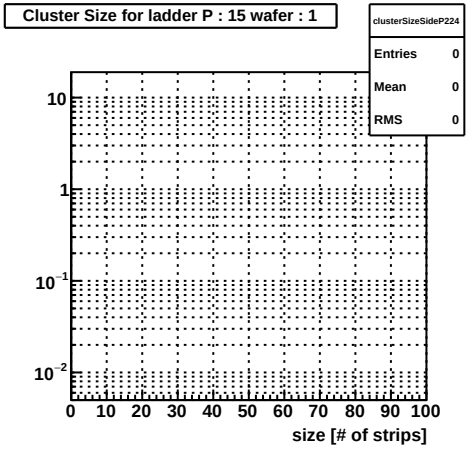

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1702
Mean 1.294
RMS 0.6012
size [# of strips]

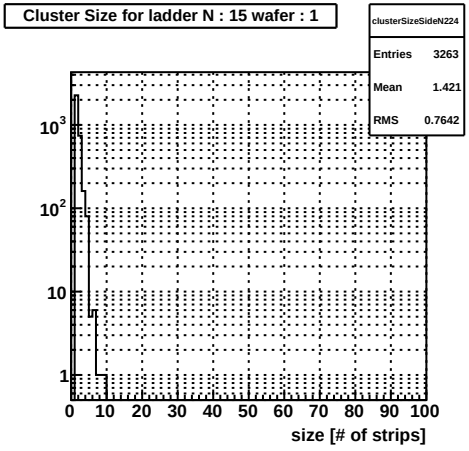

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1953
Mean 1.565
RMS 0.8676
size [# of strips]

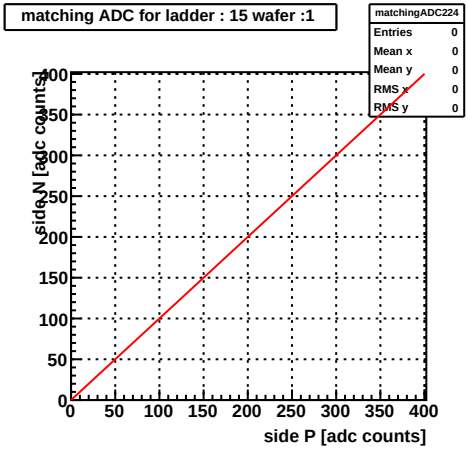

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1091
Mean x 85.72
Mean y 94.57
RMS x 60.46
RMS y 63.08
side N [adc counts]
side P [adc counts]

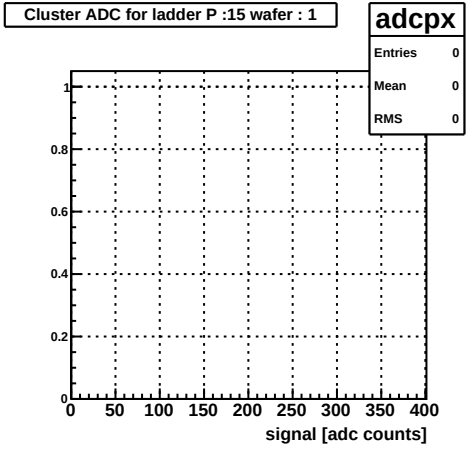

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1702
Mean 60.02
RMS 51.01
signal [adc counts]

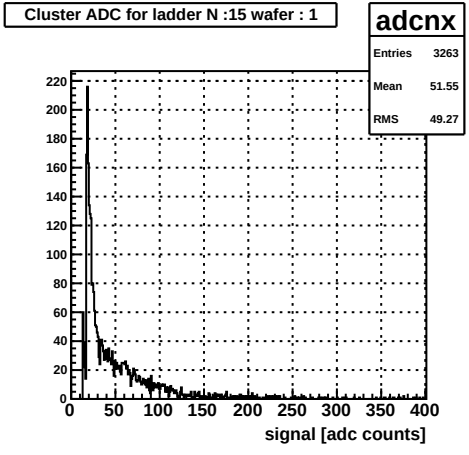

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1953
Mean 71.83
RMS 64.77
signal [adc counts]

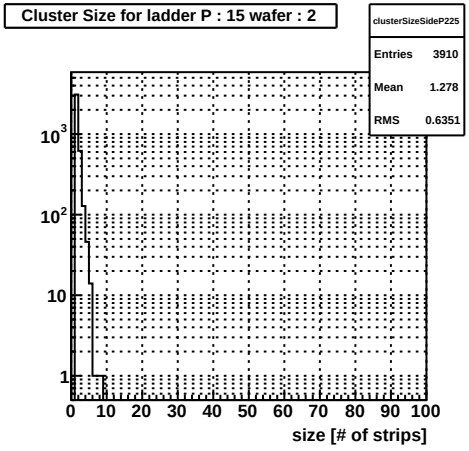

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

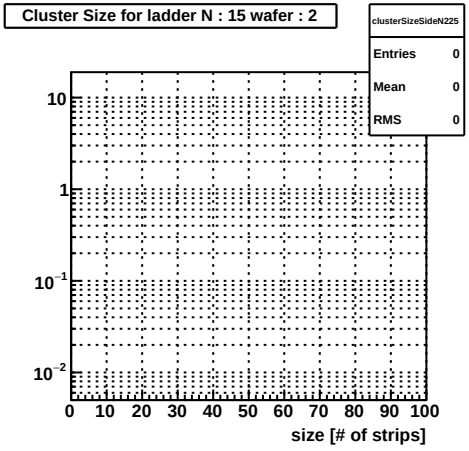

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3263
Mean 1.421
RMS 0.7642
size [# of strips]

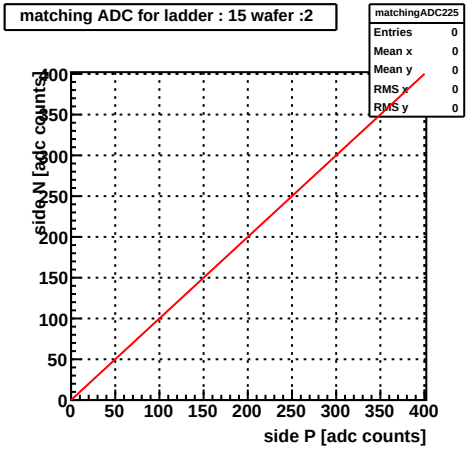

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

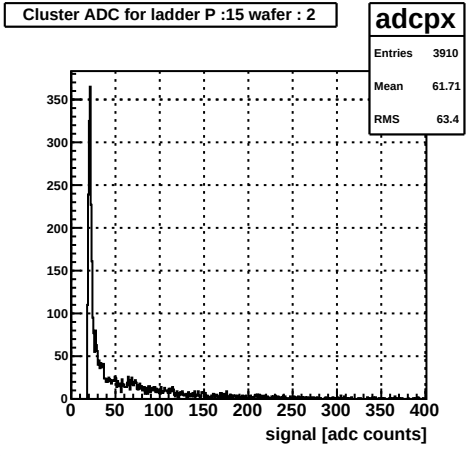

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

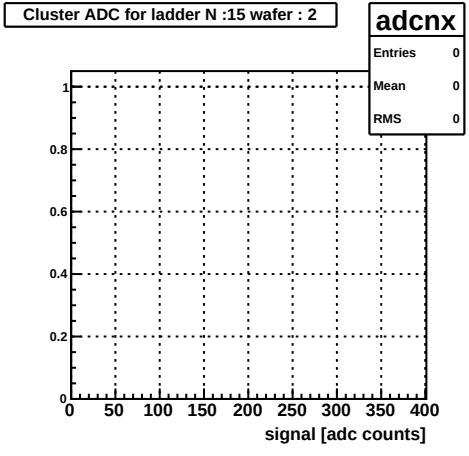

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3263
Mean 51.55
RMS 49.27
signal [adc counts]

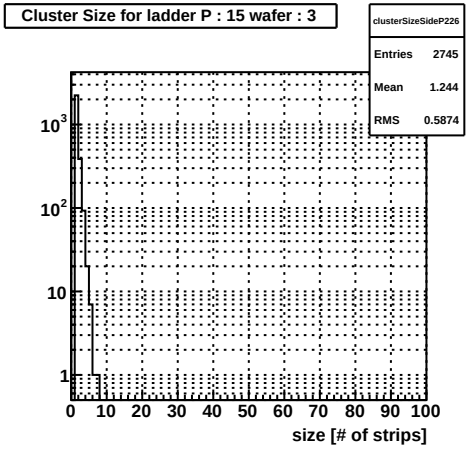

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3910
Mean 1.278
RMS 0.6351
size [# of strips]

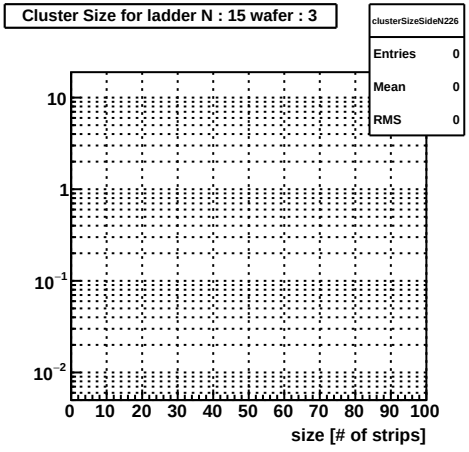

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

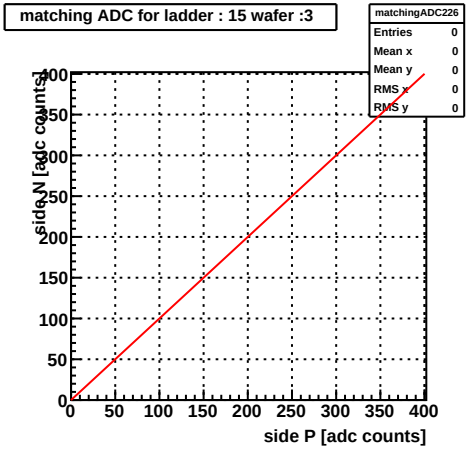

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

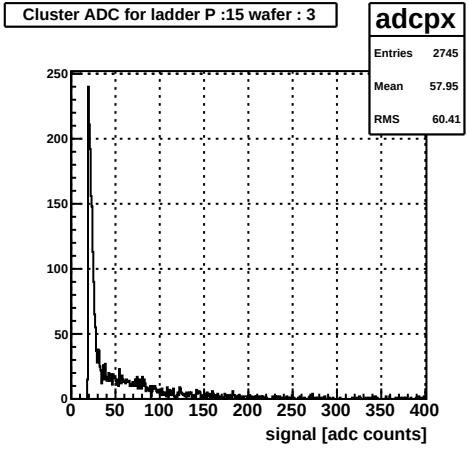

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3910
Mean 61.71
RMS 63.4
signal [adc counts]

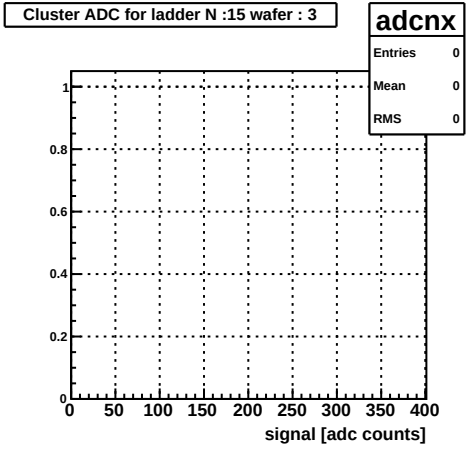

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

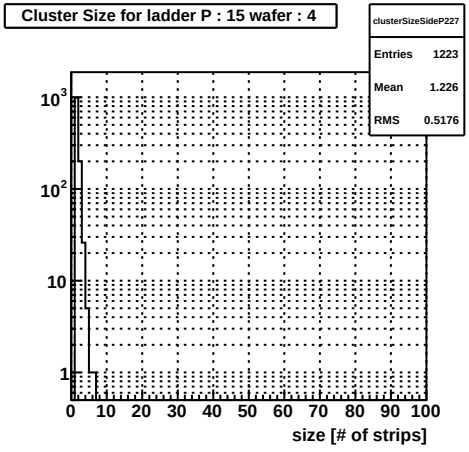

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2745
Mean 1.244
RMS 0.5874
size [# of strips]

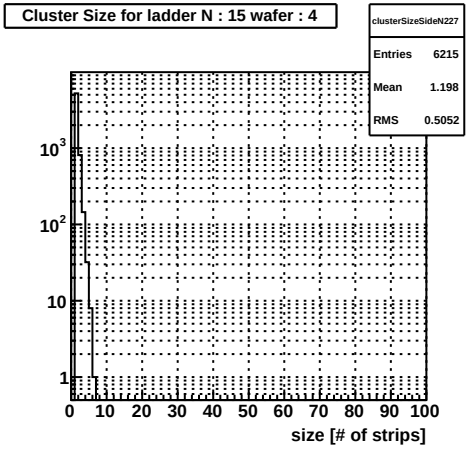

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

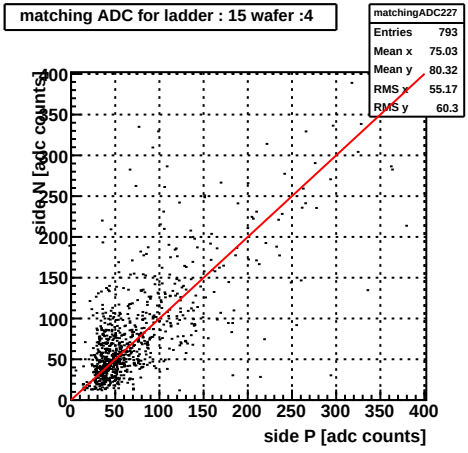

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

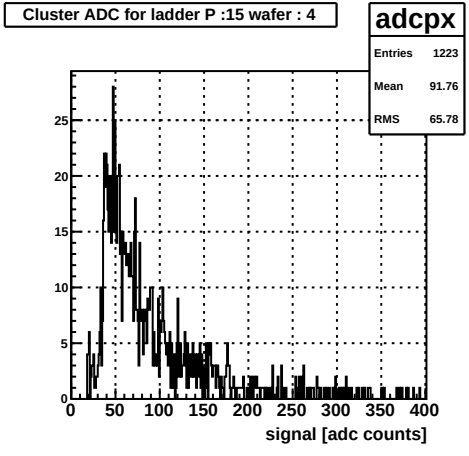

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2745
Mean 57.95
RMS 60.41
signal [adc counts]

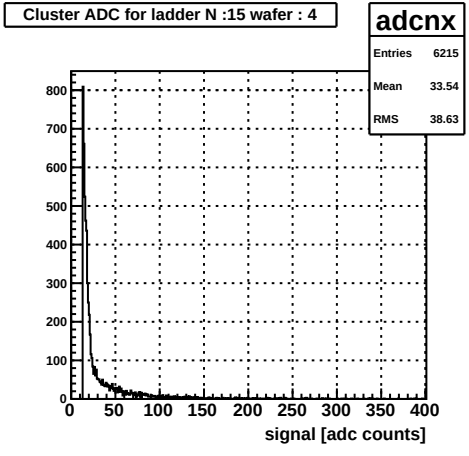

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

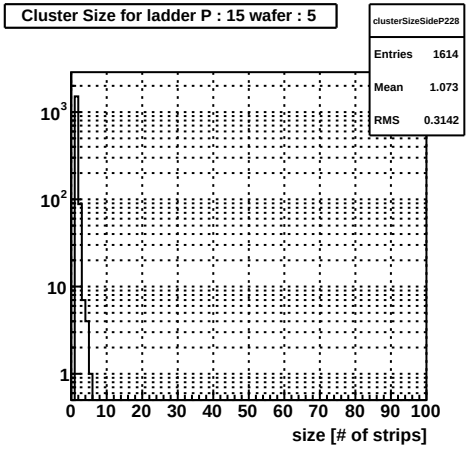

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1223
Mean 1.226
RMS 0.5176
size [# of strips]

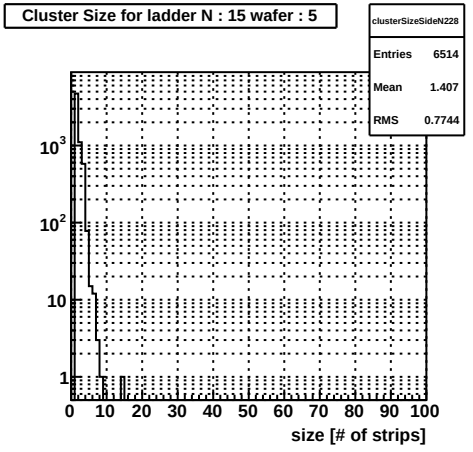

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6215
Mean 1.198
RMS 0.5052
size [# of strips]

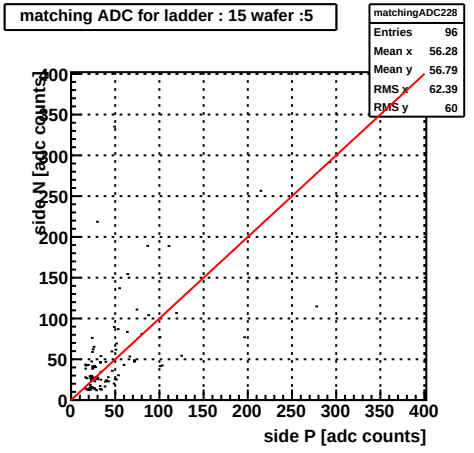

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 793
Mean x 75.03
Mean y 80.32
RMS x 55.17
RMS y 60.3
side N [adc counts]
side P [adc counts]

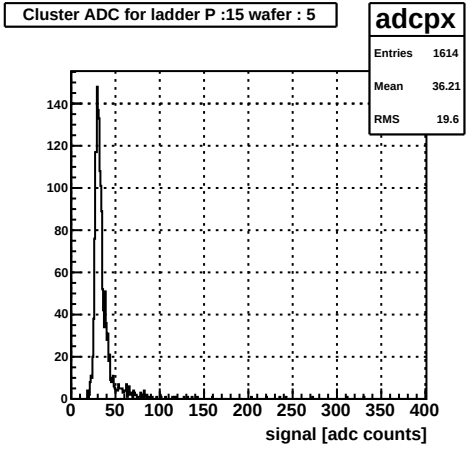

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1223
Mean 91.76
RMS 65.78
signal [adc counts]

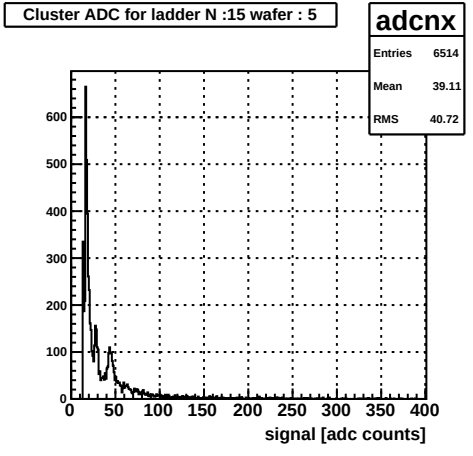

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6215
Mean 33.54
RMS 38.63
signal [adc counts]

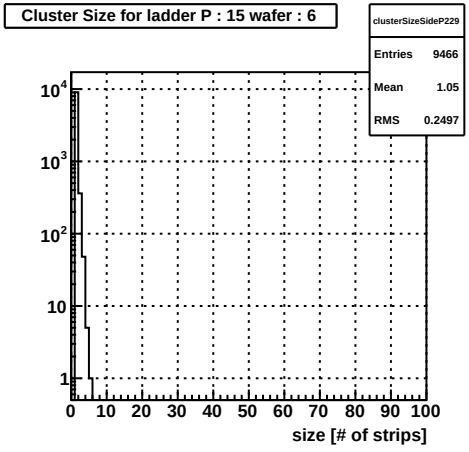

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1614
Mean 1.073
RMS 0.3142
size [# of strips]

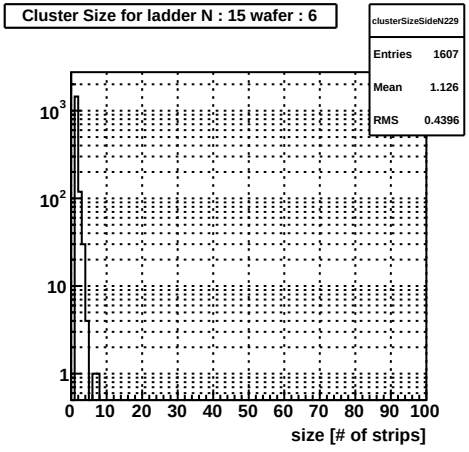

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6514
Mean 1.407
RMS 0.7744
size [# of strips]

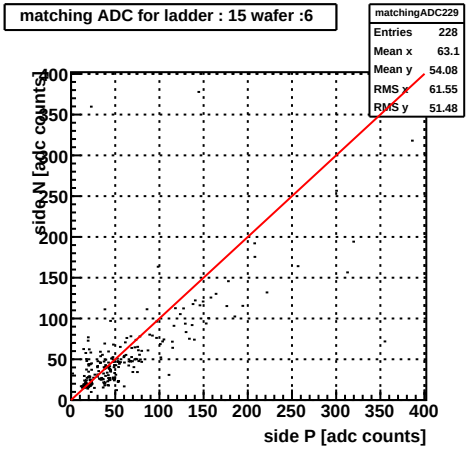

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 96
Mean x 56.28
Mean y 56.79
RMS x 62.39
RMS y 60
side N [adc counts]
side P [adc counts]

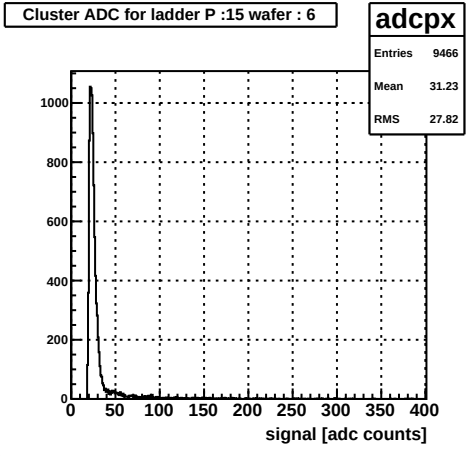

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1614
Mean 36.21
RMS 19.6
signal [adc counts]

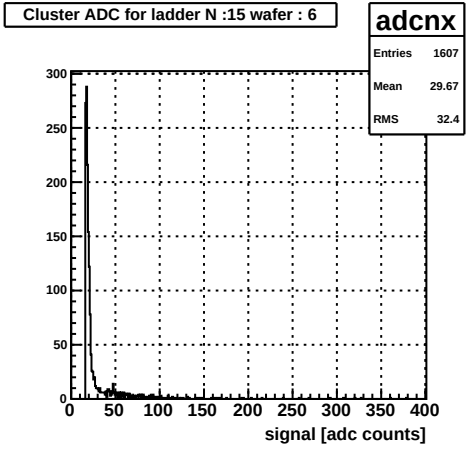

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6514
Mean 39.11
RMS 40.72
signal [adc counts]

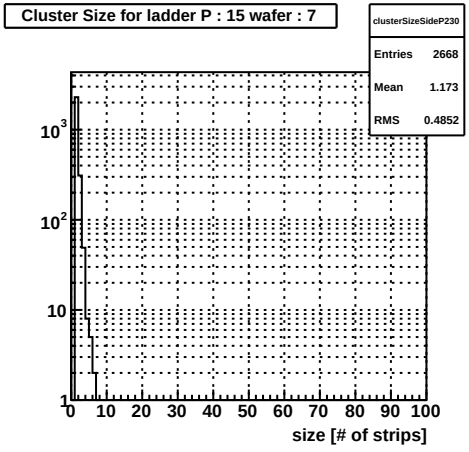

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9466
Mean 1.05
RMS 0.2497
size [# of strips]

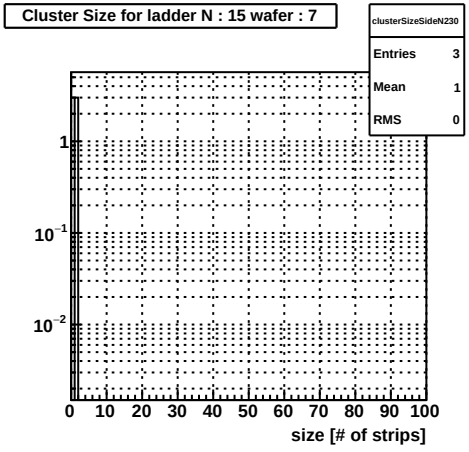

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1607
Mean 1.126
RMS 0.4396
size [# of strips]

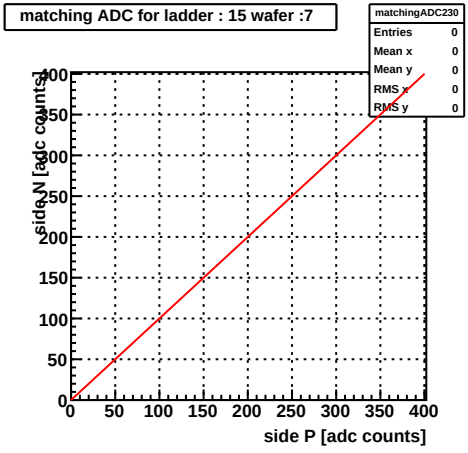

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 228
Mean x 63.1
Mean y 54.08
RMS x 61.55
RMS y 51.48
side N [adc counts]
side P [adc counts]

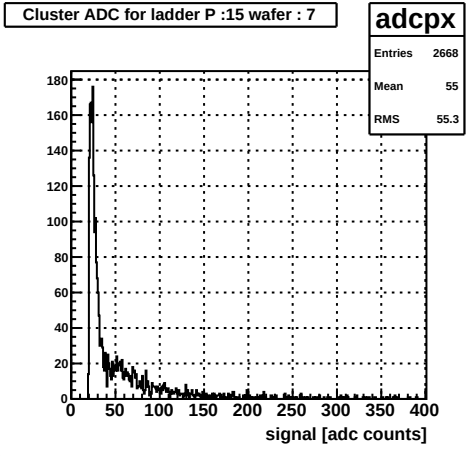

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9466
Mean 31.23
RMS 27.82
signal [adc counts]

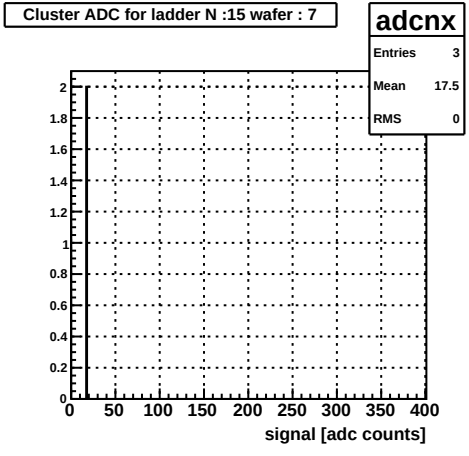

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1607
Mean 29.67
RMS 32.4
signal [adc counts]

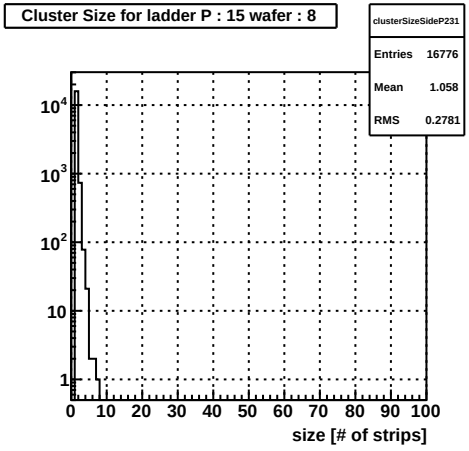

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2668
Mean 1.173
RMS 0.4852
size [# of strips]

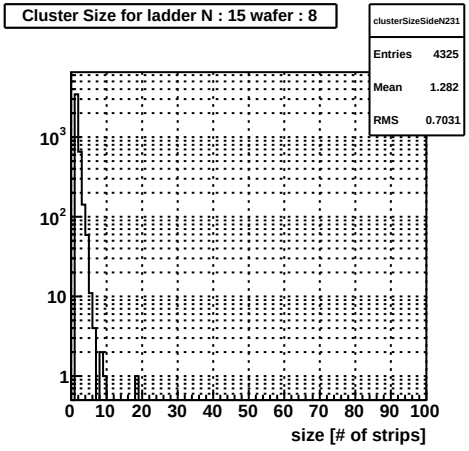

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 3
Mean 1
RMS 0
size [# of strips]

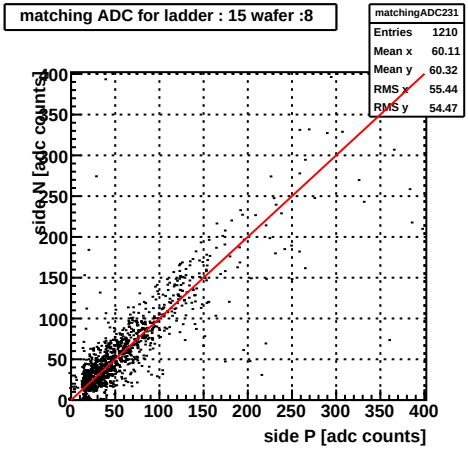

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

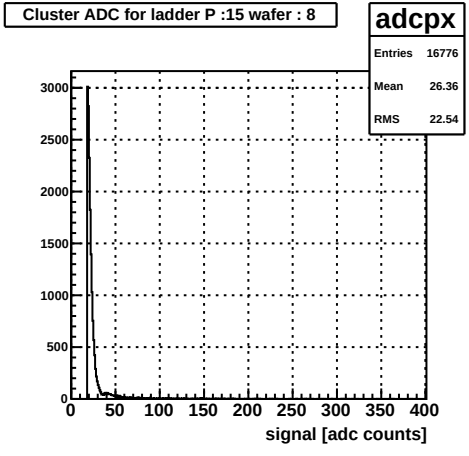

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2668
Mean 55
RMS 55.3
signal [adc counts]

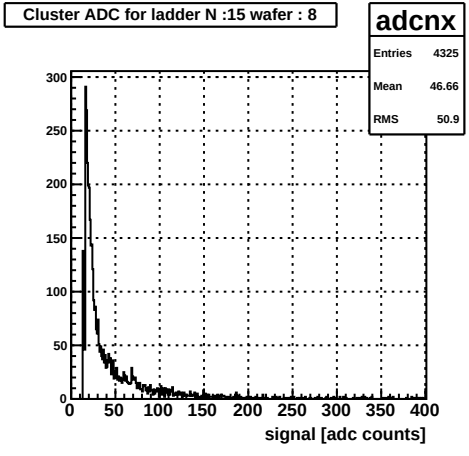

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 3
Mean 17.5
RMS 0
signal [adc counts]

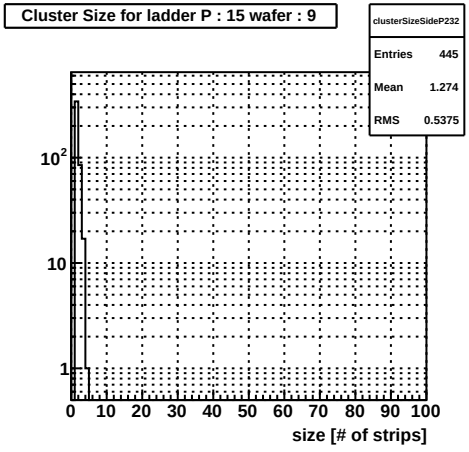

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 16776
Mean 1.058
RMS 0.2781
size [# of strips]

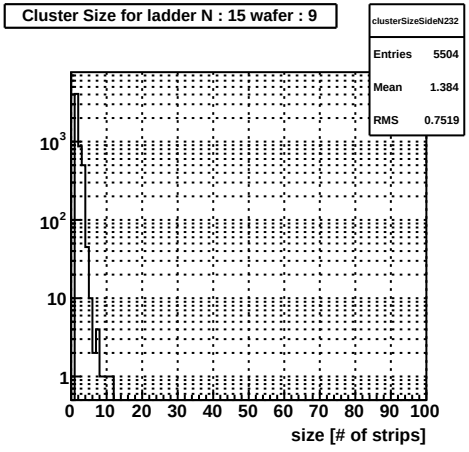

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4325
Mean 1.282
RMS 0.7031
size [# of strips]

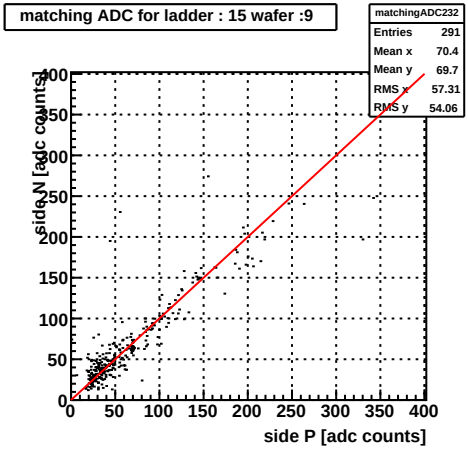

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1210
Mean x 60.11
Mean y 60.32
RMS x 55.44
RMS y 54.47
side N [adc counts]
side P [adc counts]

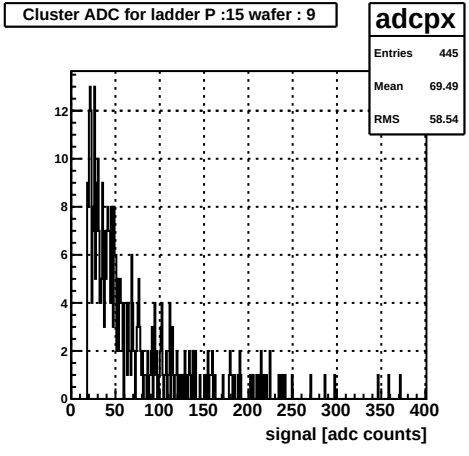

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 16776
Mean 26.36
RMS 22.54
signal [adc counts]

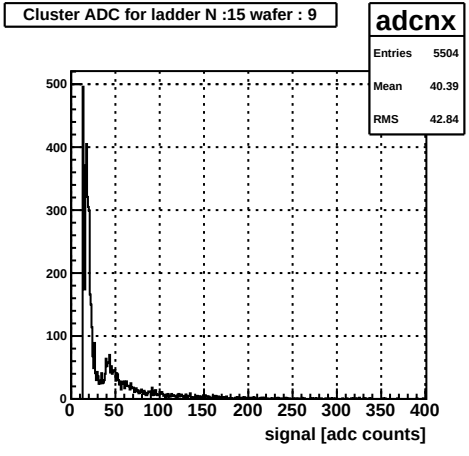

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4325
Mean 46.66
RMS 50.9
signal [adc counts]

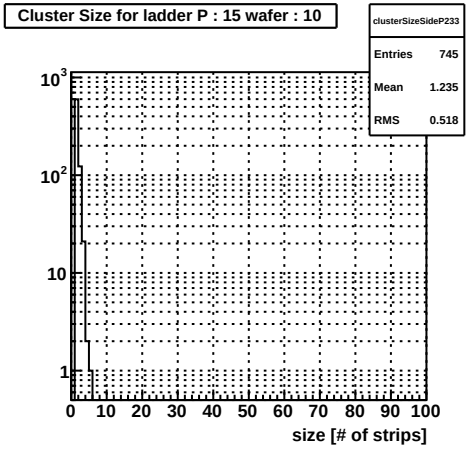

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 445
Mean 1.274
RMS 0.5375
size [# of strips]

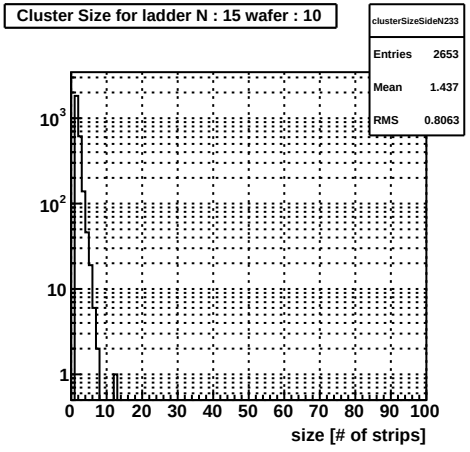

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5504
Mean 1.384
RMS 0.7519
size [# of strips]

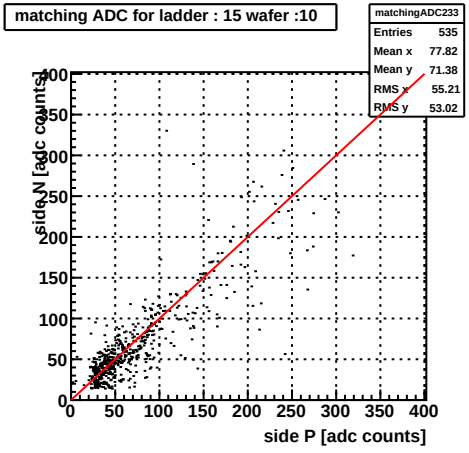

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 291
Mean x 70.4
Mean y 69.7
RMS x 57.31
RMS y 54.06
side N [adc counts]
side P [adc counts]

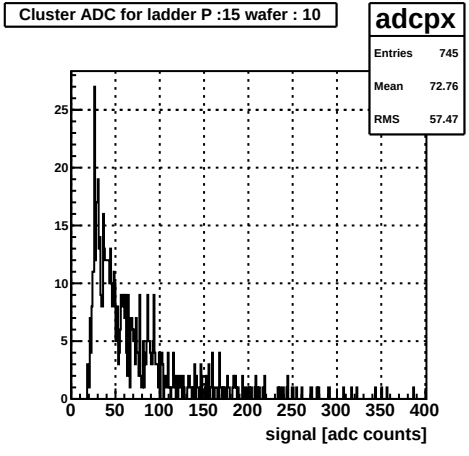

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 445
Mean 69.49
RMS 58.54
signal [adc counts]

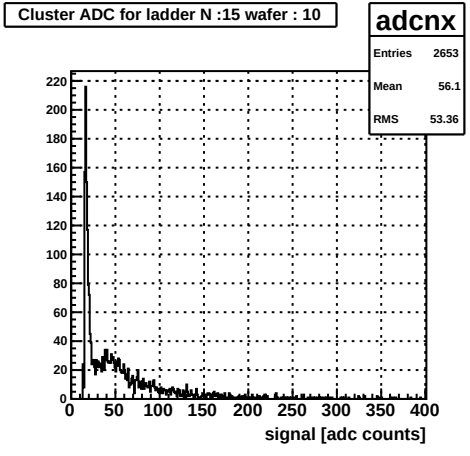

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5504
Mean 40.39
RMS 42.84
signal [adc counts]

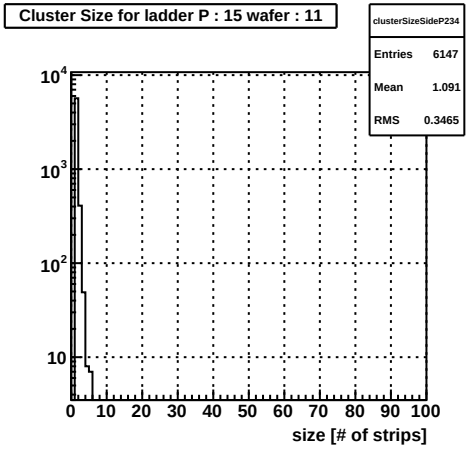

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 745
Mean 1.235
RMS 0.518
size [# of strips]

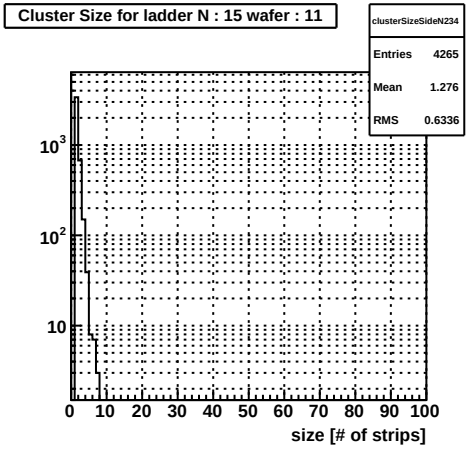

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2653
Mean 1.437
RMS 0.8063
size [# of strips]

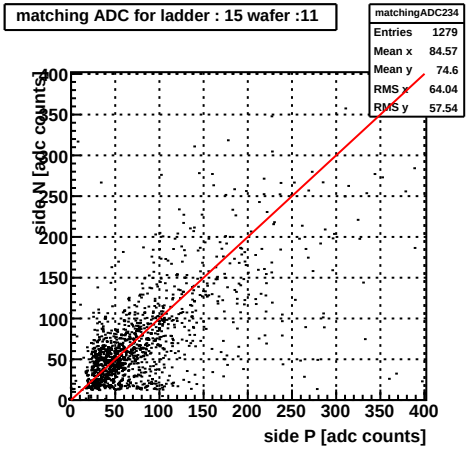

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 535
Mean x 77.82
Mean y 71.38
RMS x 55.21
RMS y 53.02
side N [adc counts]
side P [adc counts]

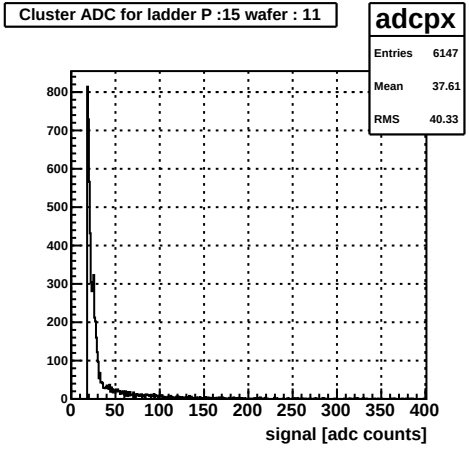

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 745
Mean 72.76
RMS 57.47
signal [adc counts]

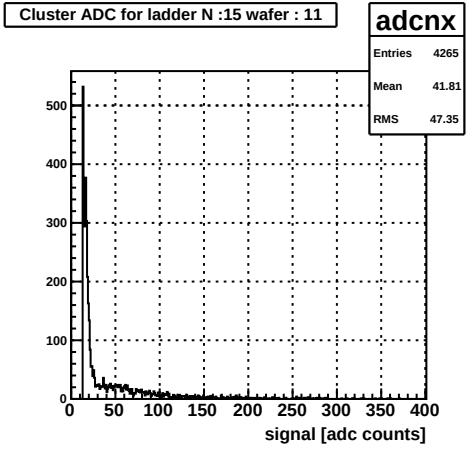

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2653
Mean 56.1
RMS 53.36
signal [adc counts]

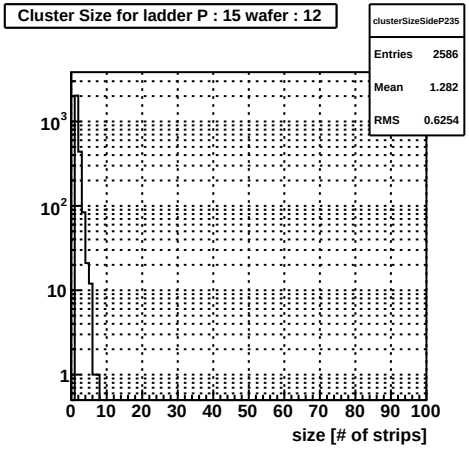

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6147
Mean 1.091
RMS 0.3465
size [# of strips]

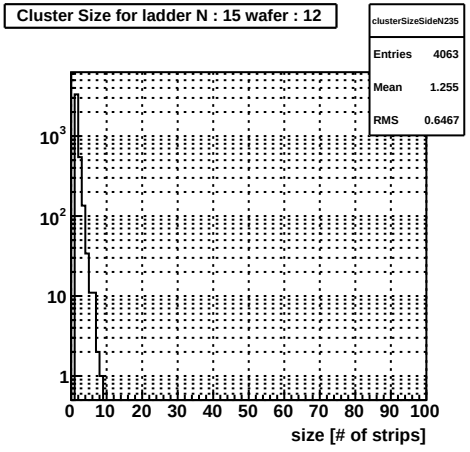

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4265
Mean 1.276
RMS 0.6336
size [# of strips]

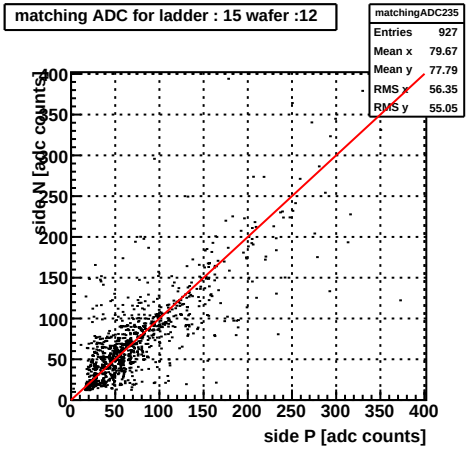

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1279
Mean x 84.57
Mean y 74.6
RMS x 64.04
RMS y 57.54
side N [adc counts]
side P [adc counts]

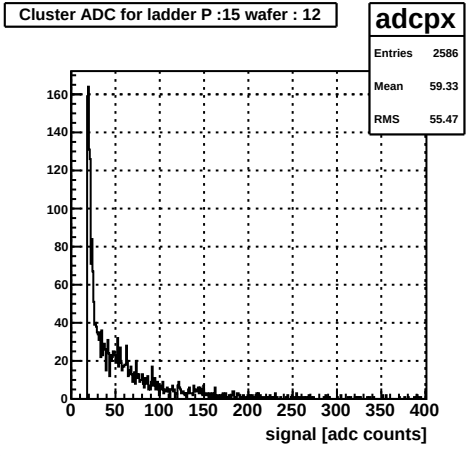

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6147
Mean 37.61
RMS 40.33
signal [adc counts]

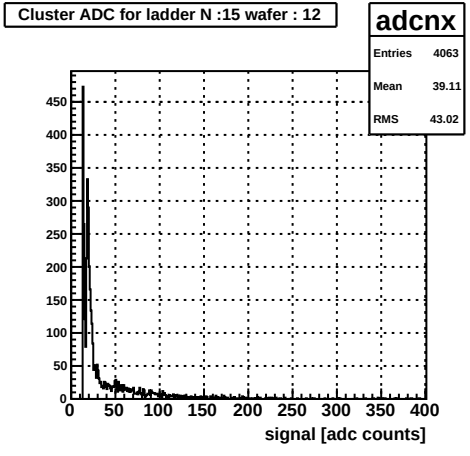

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4265
Mean 41.81
RMS 47.35
signal [adc counts]

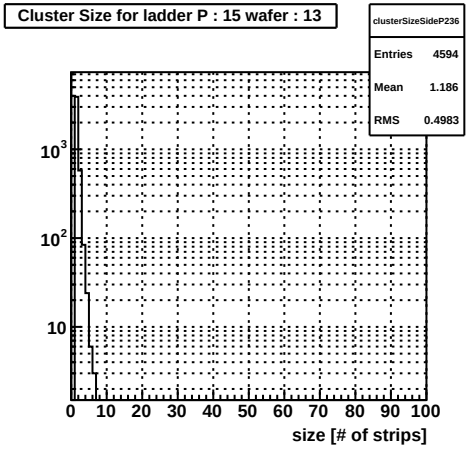

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2586
Mean 1.282
RMS 0.6254
size [# of strips]

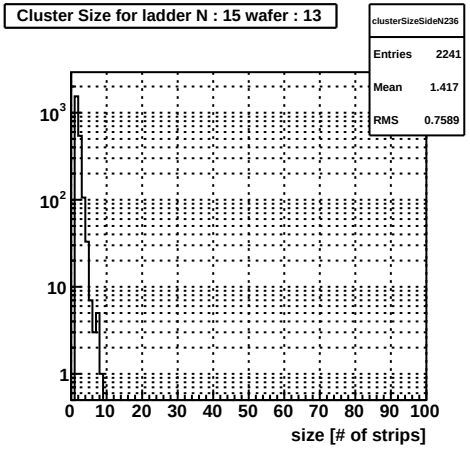

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4063
Mean 1.255
RMS 0.6467
size [# of strips]

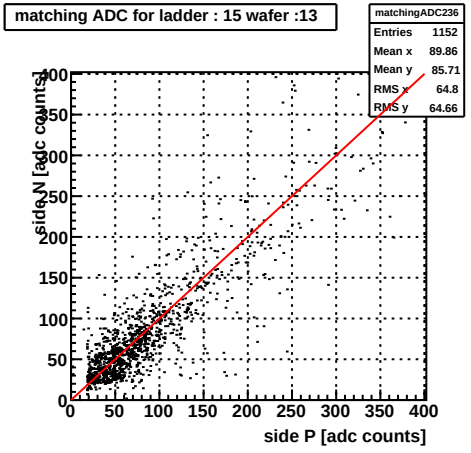

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 927
Mean x 79.67
Mean y 77.79
RMS x 56.35
RMS y 55.05
side N [adc counts]
side P [adc counts]

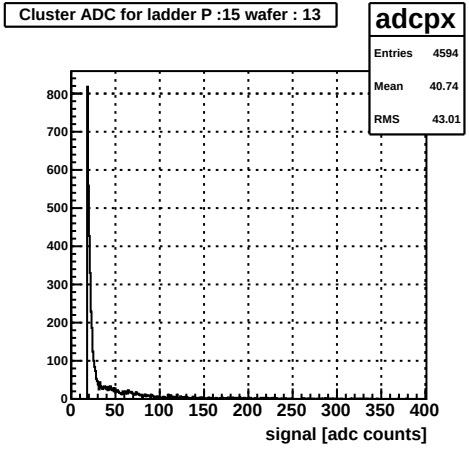

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2586
Mean 59.33
RMS 55.47
signal [adc counts]

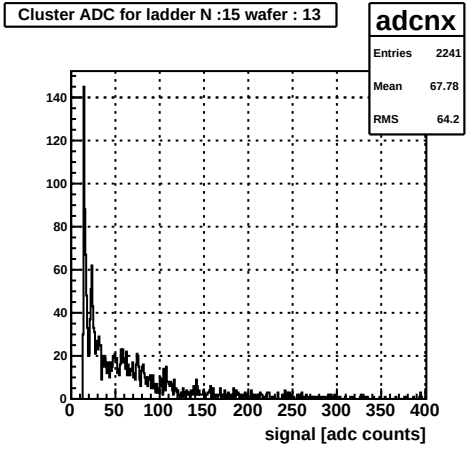

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4063
Mean 39.11
RMS 43.02
signal [adc counts]

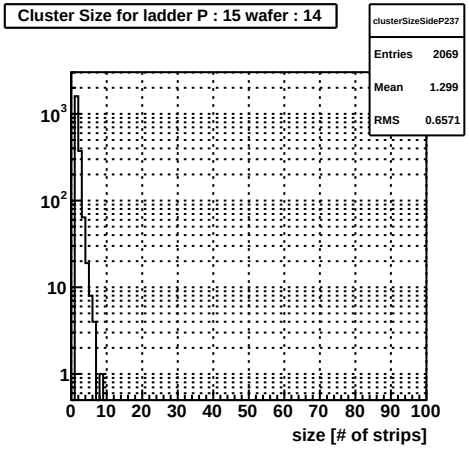

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4594
Mean 1.186
RMS 0.4983
size [# of strips]

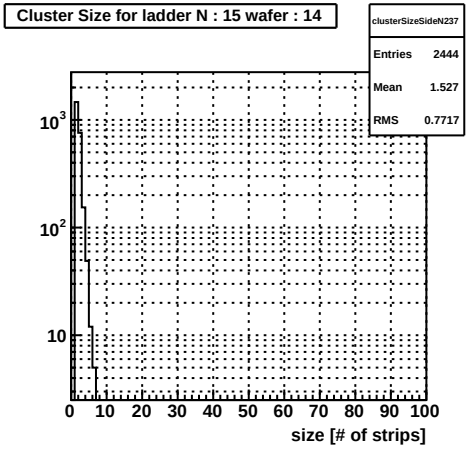

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2241
Mean 1.417
RMS 0.7589
size [# of strips]

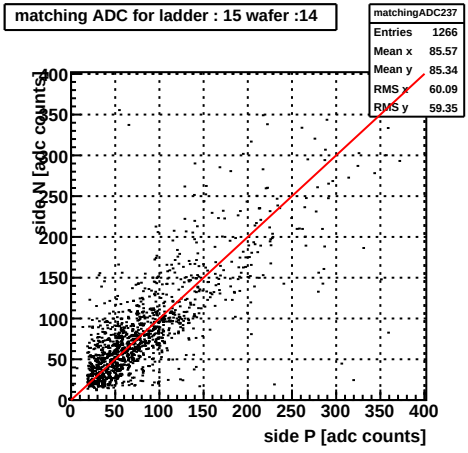

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1152
Mean x 89.86
Mean y 85.71
RMS x 64.8
RMS y 64.66
side N [adc counts]
side P [adc counts]

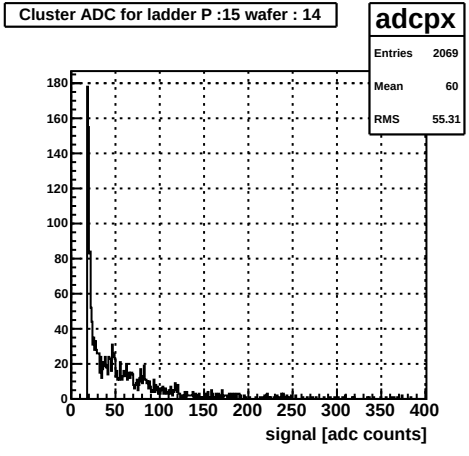

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4594
Mean 40.74
RMS 43.01
signal [adc counts]

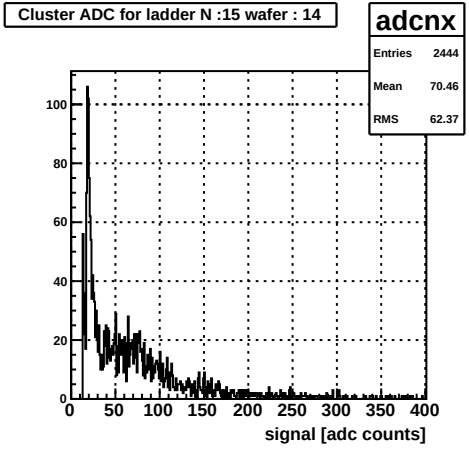

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2241
Mean 67.78
RMS 64.2
signal [adc counts]

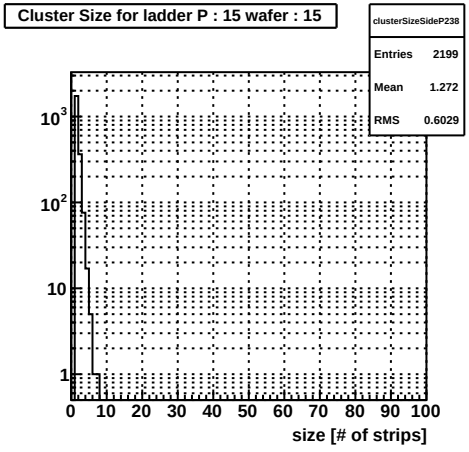

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2069
Mean 1.299
RMS 0.6571
size [# of strips]

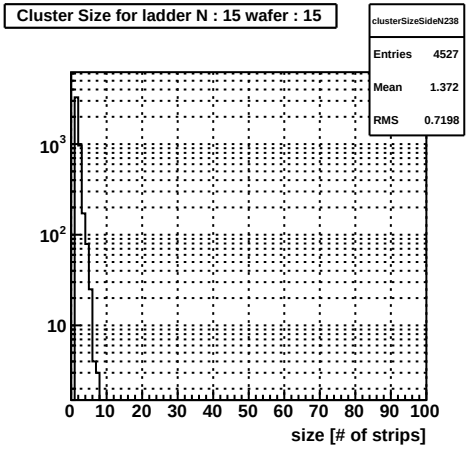

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2444
Mean 1.527
RMS 0.7717
size [# of strips]

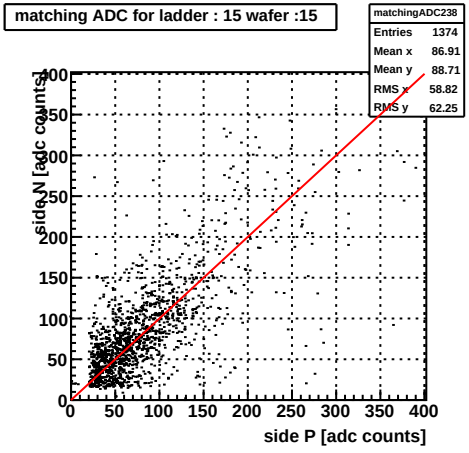

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1266
Mean x 85.57
Mean y 85.34
RMS x 60.09
RMS y 59.35
side N [adc counts]
side P [adc counts]

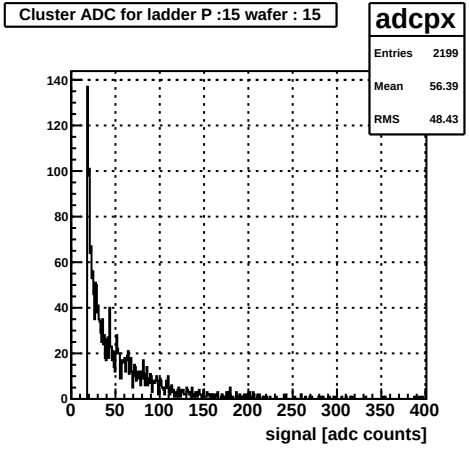

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2069
Mean 60
RMS 55.31
signal [adc counts]

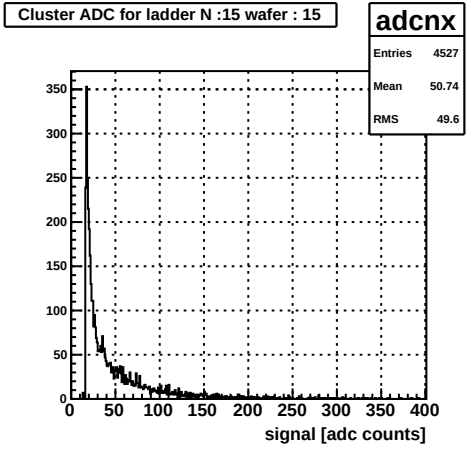

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2444
Mean 70.46
RMS 62.37
signal [adc counts]

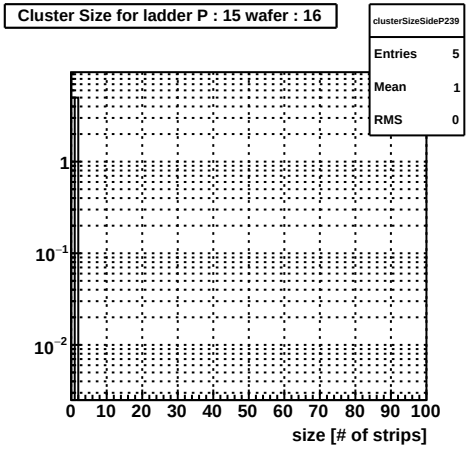

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2199
Mean 1.272
RMS 0.6029
size [# of strips]

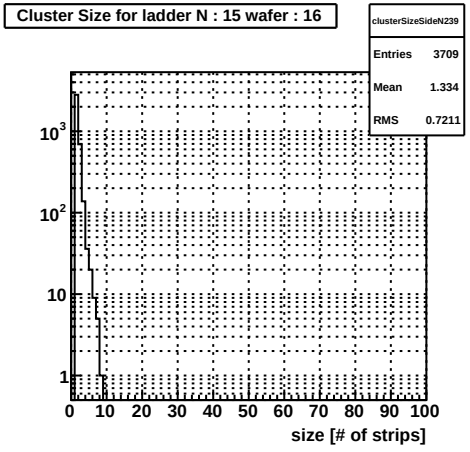

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4527
Mean 1.372
RMS 0.7198
size [# of strips]

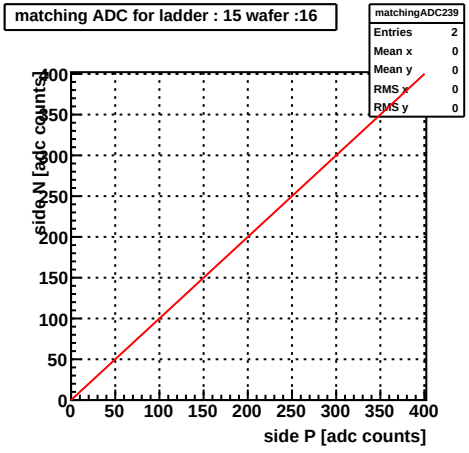

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1374
Mean x 86.91
Mean y 88.71
RMS x 58.82
RMS y 62.25
side N [adc counts]
side P [adc counts]

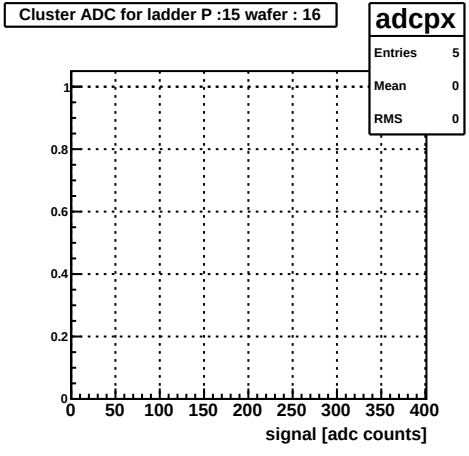

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2199
Mean 56.39
RMS 48.43
signal [adc counts]

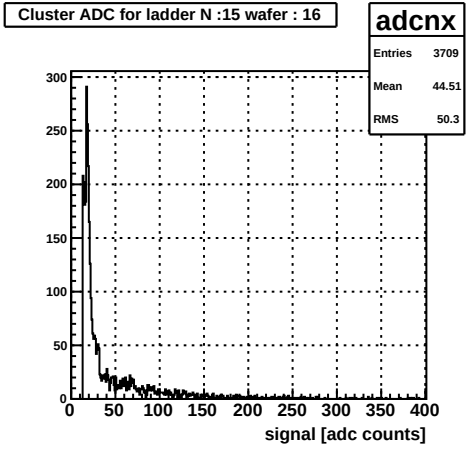

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4527
Mean 50.74
RMS 49.6
signal [adc counts]

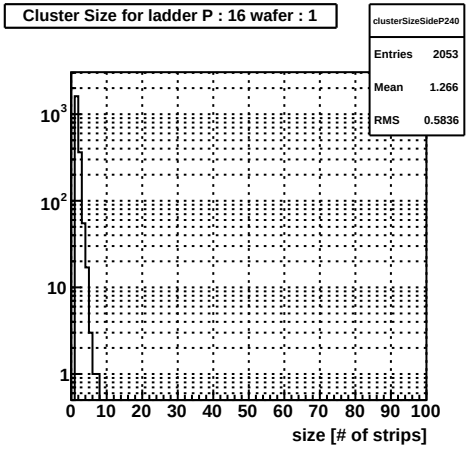

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 5
Mean 1
RMS 0
size [# of strips]

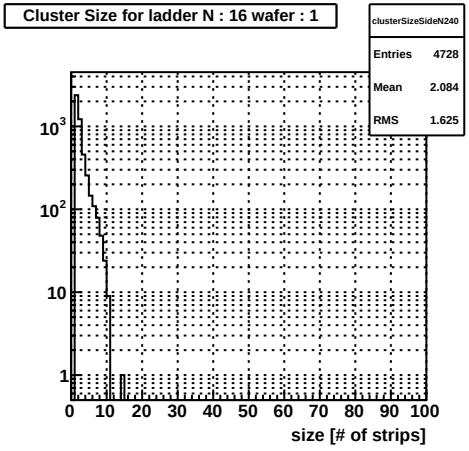

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3709
Mean 1.334
RMS 0.7211
size [# of strips]

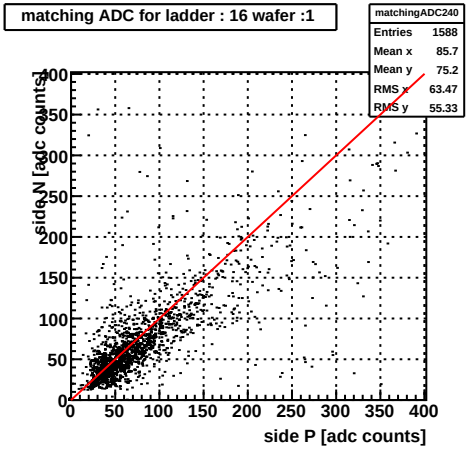

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

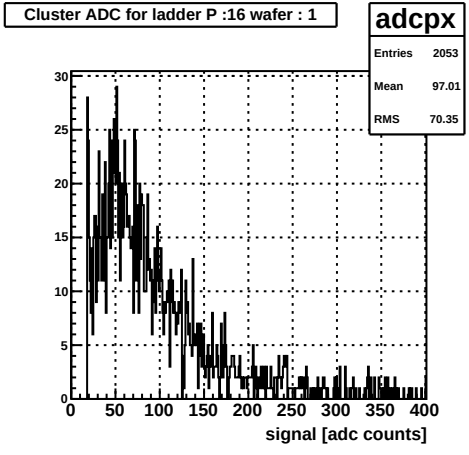

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

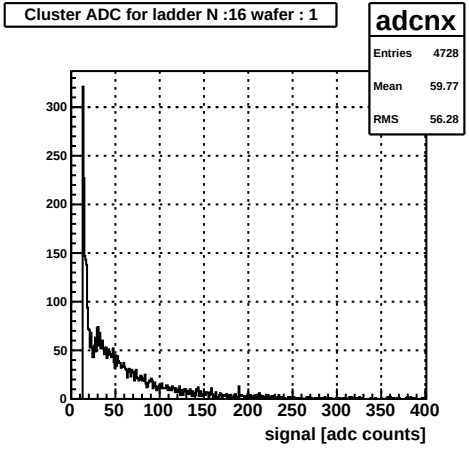

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3709
Mean 44.51
RMS 50.3
signal [adc counts]

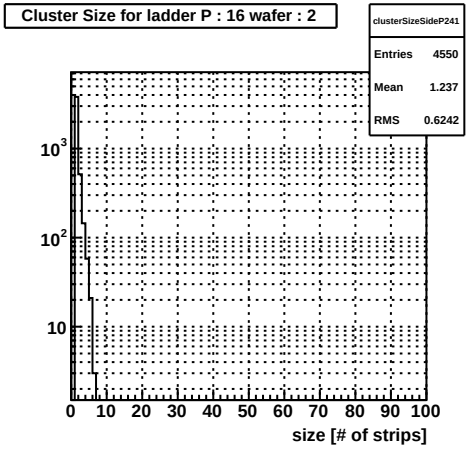

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2053
Mean 1.266
RMS 0.5836
size [# of strips]

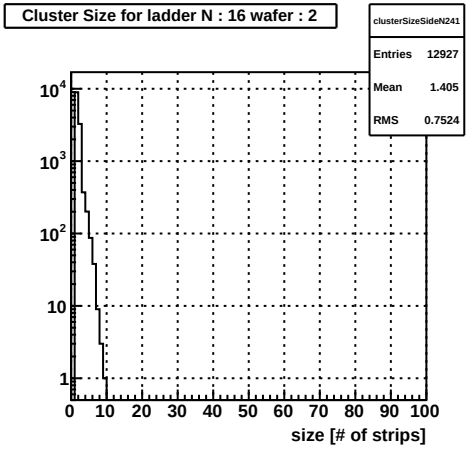

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4728
Mean 2.084
RMS 1.625
size [# of strips]

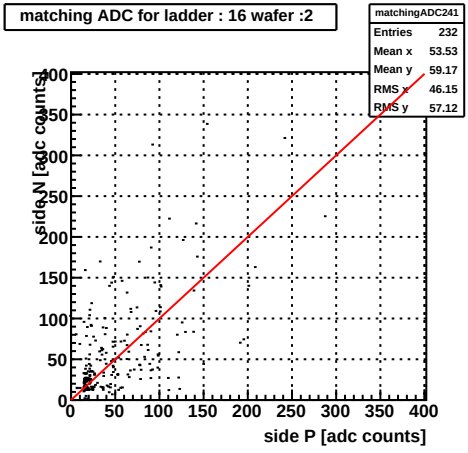

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1588
Mean x 85.7
Mean y 75.2
RMS x 63.47
RMS y 55.33
side N [adc counts]
side P [adc counts]

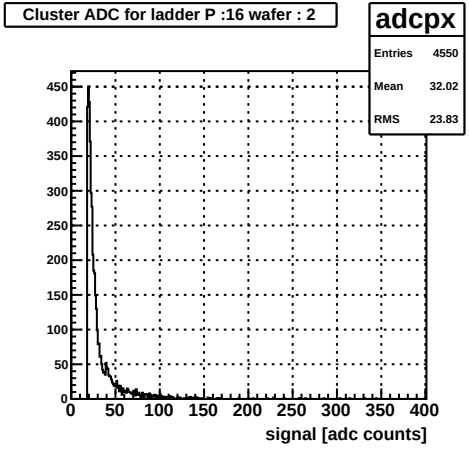

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2053
Mean 97.01
RMS 70.35
signal [adc counts]

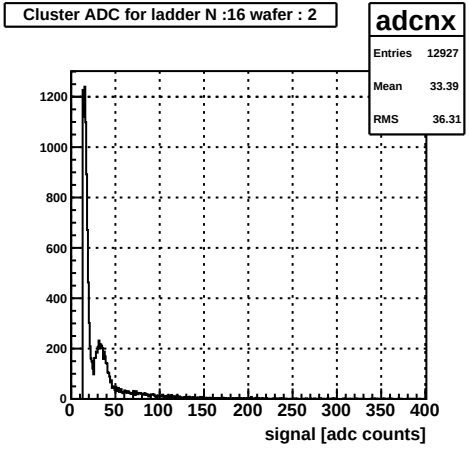

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4728
Mean 59.77
RMS 56.28
signal [adc counts]

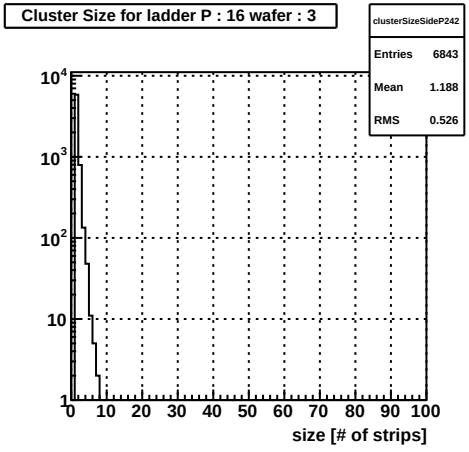

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4550
Mean 1.237
RMS 0.6242
size [# of strips]

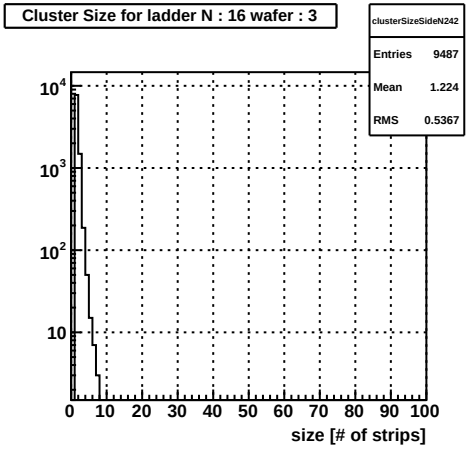

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 12927
Mean 1.405
RMS 0.7524
size [# of strips]

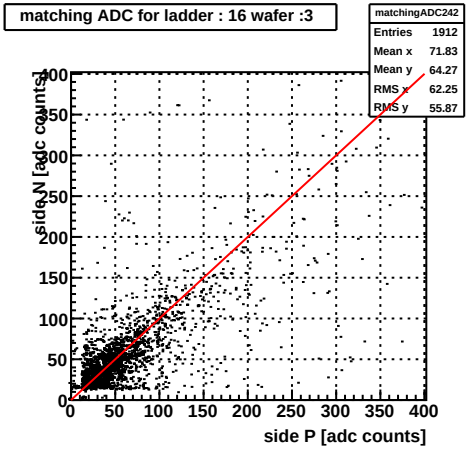

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 232
Mean x 53.53
Mean y 59.17
RMS x 46.15
RMS y 57.12
side N [adc counts]
side P [adc counts]

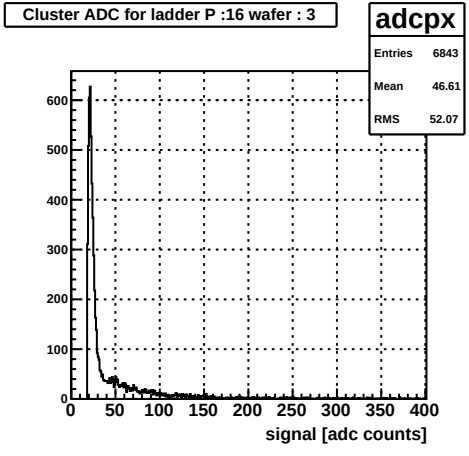

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4550
Mean 32.02
RMS 23.83
signal [adc counts]

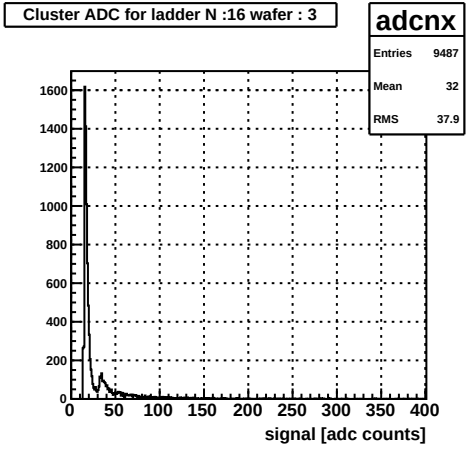

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 12927
Mean 33.39
RMS 36.31
signal [adc counts]

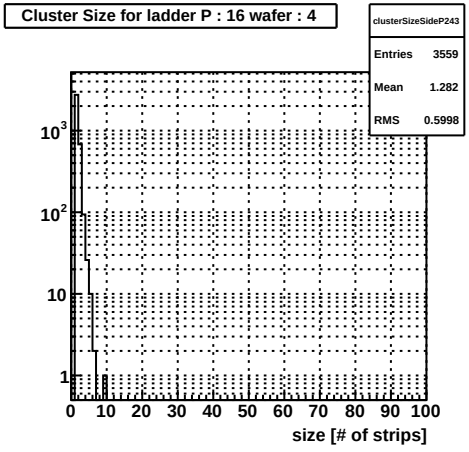

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6843
Mean 1.188
RMS 0.526
size [# of strips]

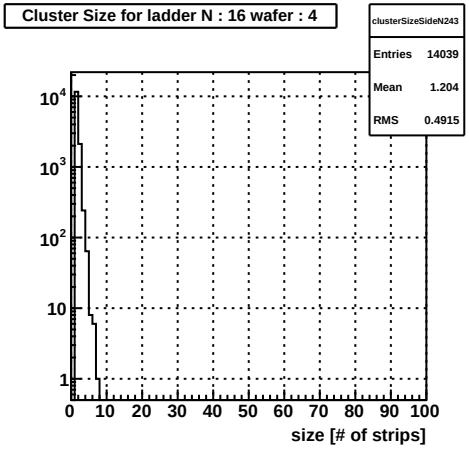

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 9487
Mean 1.224
RMS 0.5367
size [# of strips]

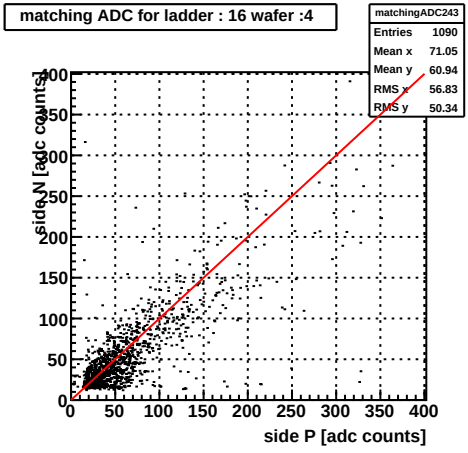

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1912
Mean x 71.83
Mean y 64.27
RMS x 62.25
RMS y 55.87
side N [adc counts]
side P [adc counts]

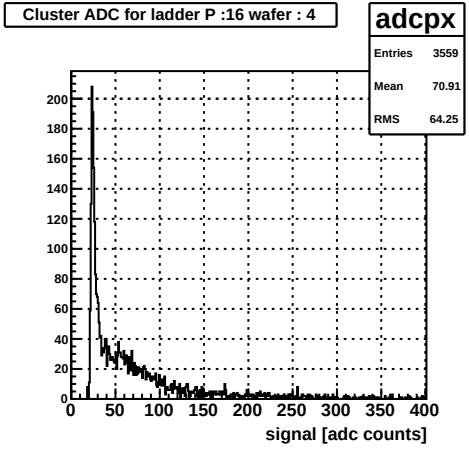

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6843
Mean 46.61
RMS 52.07
signal [adc counts]

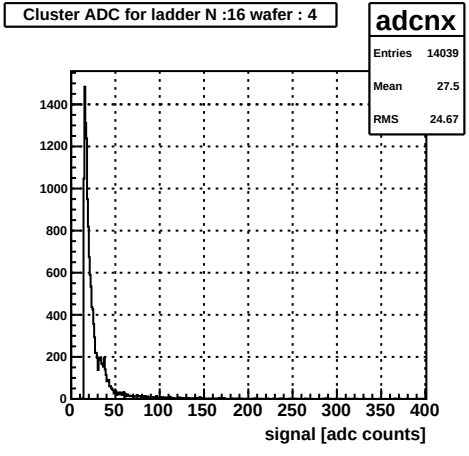

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 9487
Mean 32
RMS 37.9
signal [adc counts]

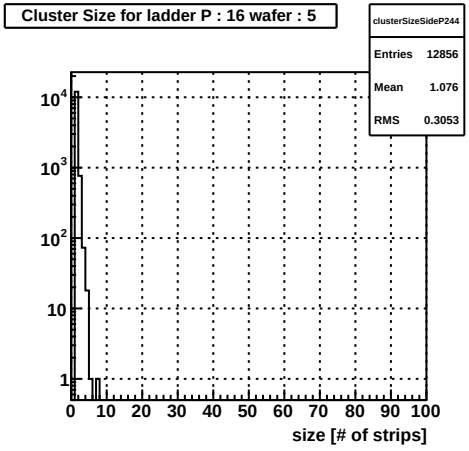

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3559
Mean 1.282
RMS 0.5998
size [# of strips]

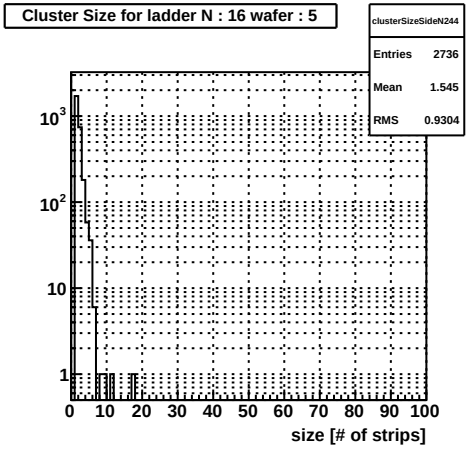

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 14039
Mean 1.204
RMS 0.4915
size [# of strips]

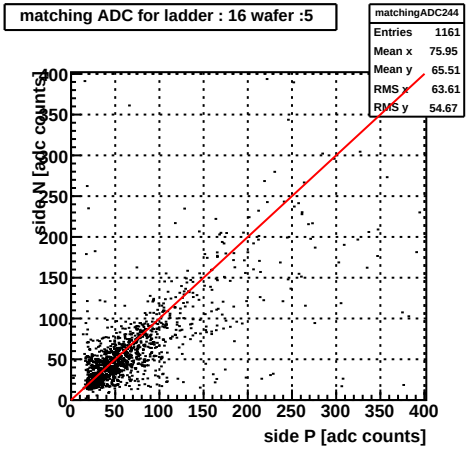

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1090
Mean x 71.05
Mean y 60.94
RMS x 56.83
RMS y 50.34
side N [adc counts]
side P [adc counts]

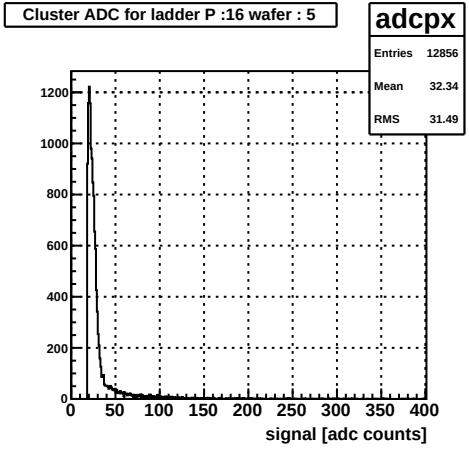

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3559
Mean 70.91
RMS 64.25
signal [adc counts]

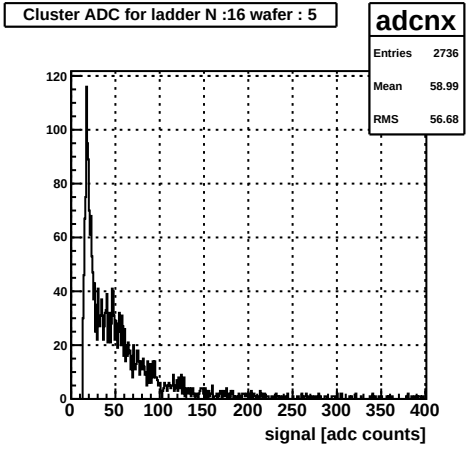

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 14039
Mean 27.5
RMS 24.67
signal [adc counts]

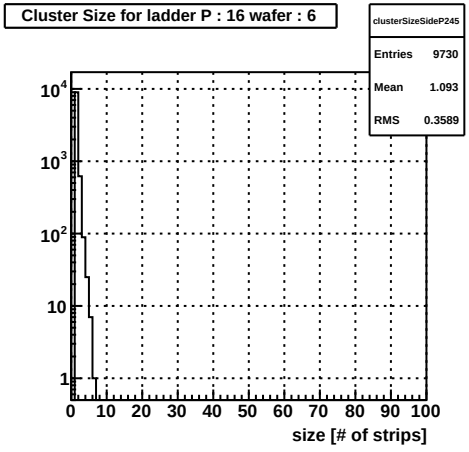

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 12856
Mean 1.076
RMS 0.3053
size [# of strips]

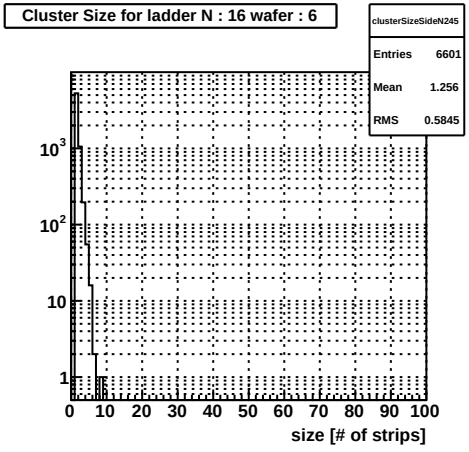

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2736
Mean 1.545
RMS 0.9304
size [# of strips]

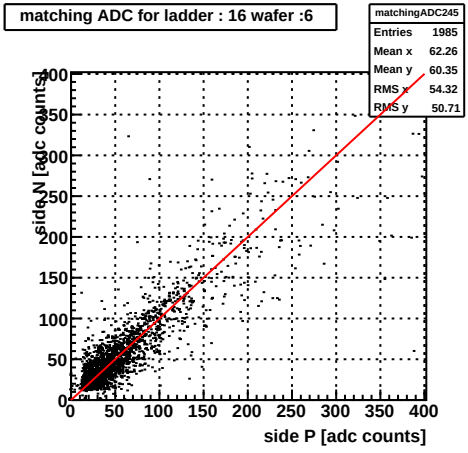

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1161
Mean x 75.95
Mean y 65.51
RMS x 63.61
RMS y 54.67
side N [adc counts]
side P [adc counts]

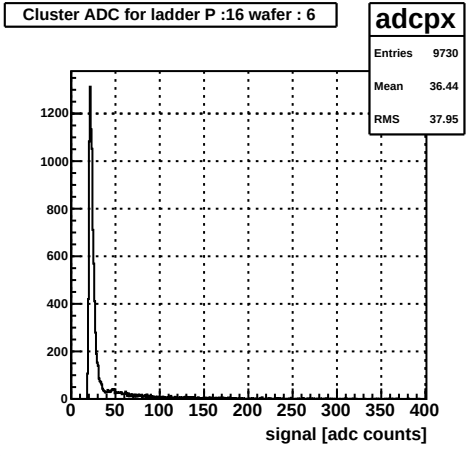

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 12856
Mean 32.34
RMS 31.49
signal [adc counts]

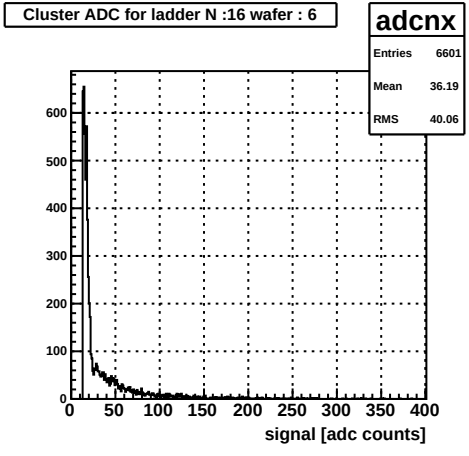

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2736
Mean 58.99
RMS 56.68
signal [adc counts]

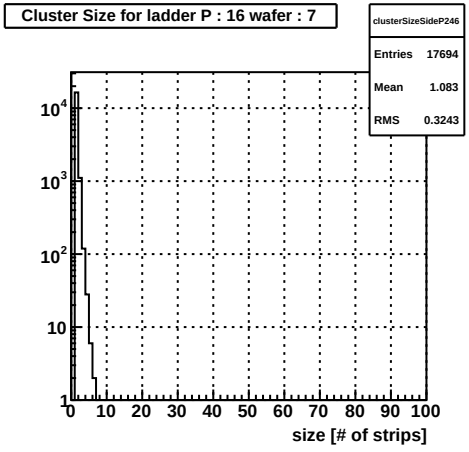

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9730
Mean 1.093
RMS 0.3589
size [# of strips]

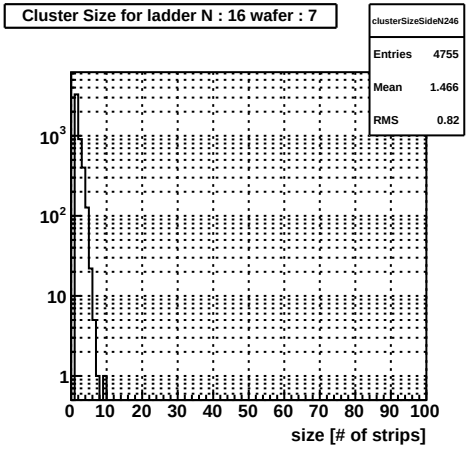

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6601
Mean 1.256
RMS 0.5845
size [# of strips]

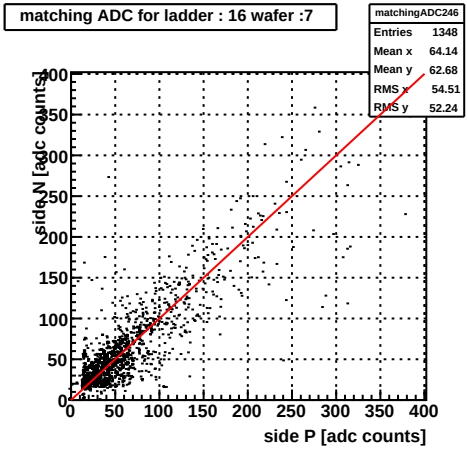

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1985
Mean x 62.26
Mean y 60.35
RMS x 54.32
RMS y 50.71
side N [adc counts]
side P [adc counts]

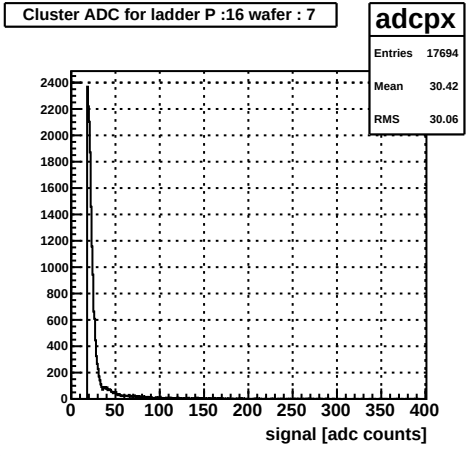

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9730
Mean 36.44
RMS 37.95
signal [adc counts]

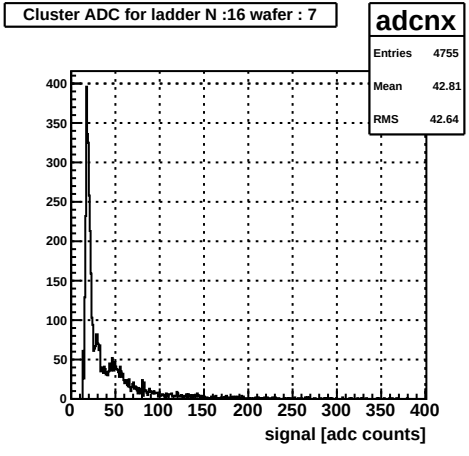

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6601
Mean 36.19
RMS 40.06
signal [adc counts]

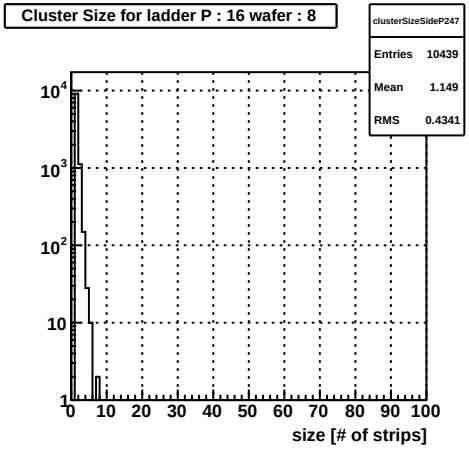

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 17694
Mean 1.083
RMS 0.3243
size [# of strips]

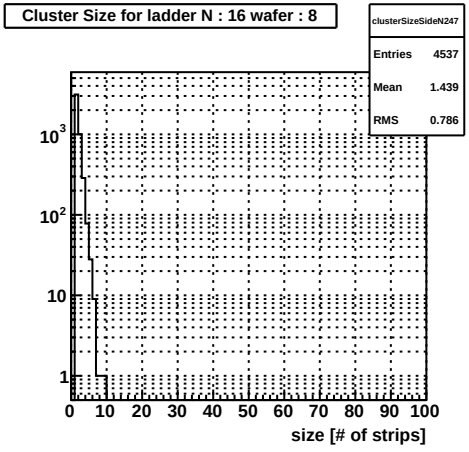

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4755
Mean 1.466
RMS 0.82
size [# of strips]

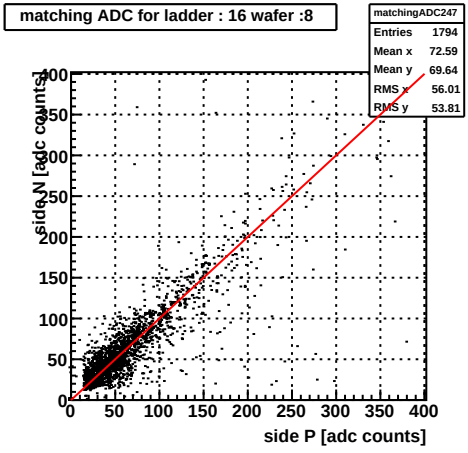

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1348
Mean x 64.14
Mean y 62.68
RMS x 54.51
RMS y 52.24
side N [adc counts]
side P [adc counts]

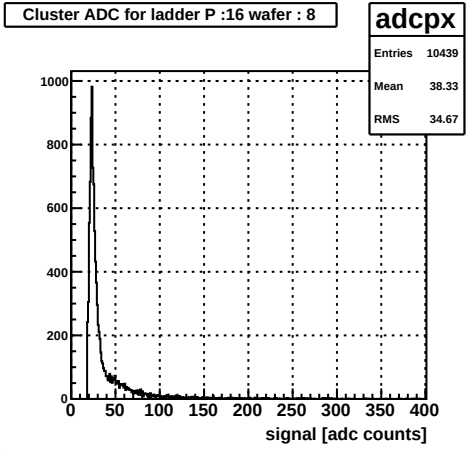

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 17694
Mean 30.42
RMS 30.06
signal [adc counts]

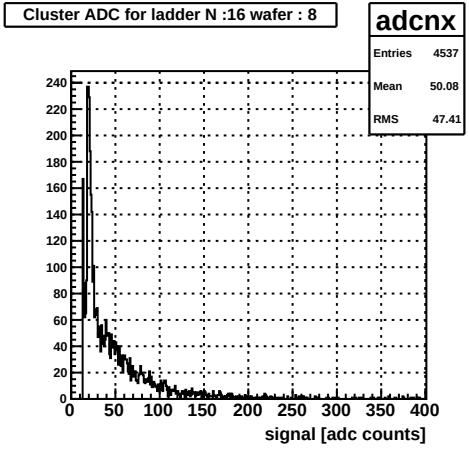

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4755
Mean 42.81
RMS 42.64
signal [adc counts]

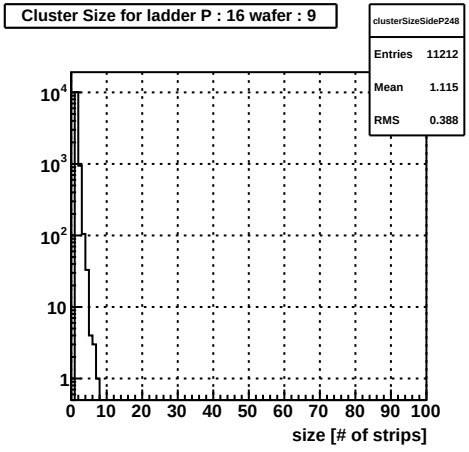

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 10439
Mean 1.149
RMS 0.4341
size [# of strips]

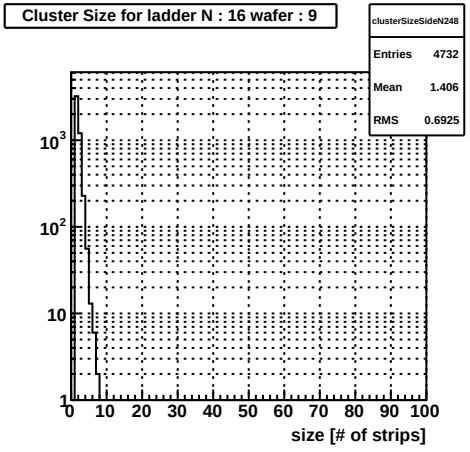

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4537
Mean 1.439
RMS 0.786
size [# of strips]

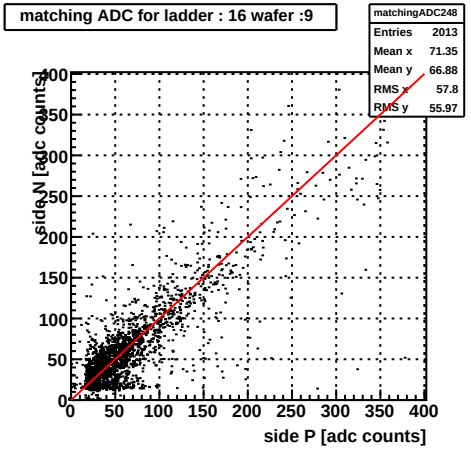

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1794
Mean x 72.59
Mean y 69.64
RMS x 56.01
RMS y 53.81
side N [adc counts]
side P [adc counts]

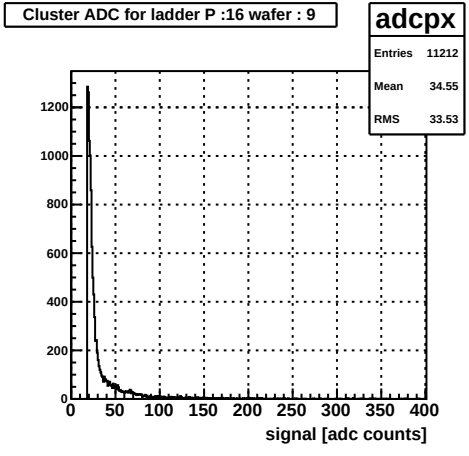

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 10439
Mean 38.33
RMS 34.67
signal [adc counts]

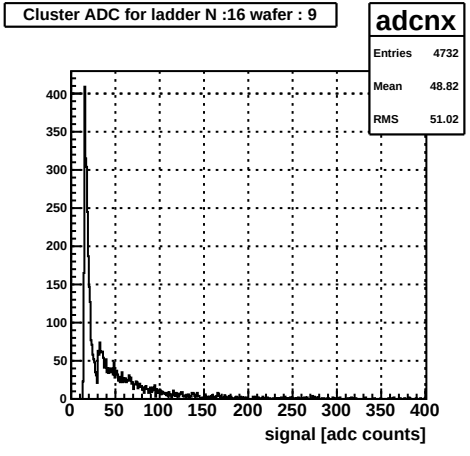

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4537
Mean 50.08
RMS 47.41
signal [adc counts]

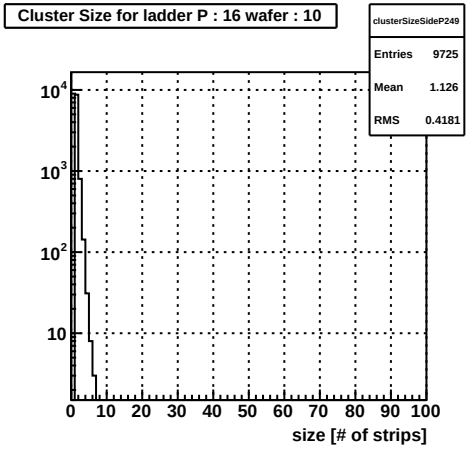

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11212
Mean 1.115
RMS 0.388
size [# of strips]

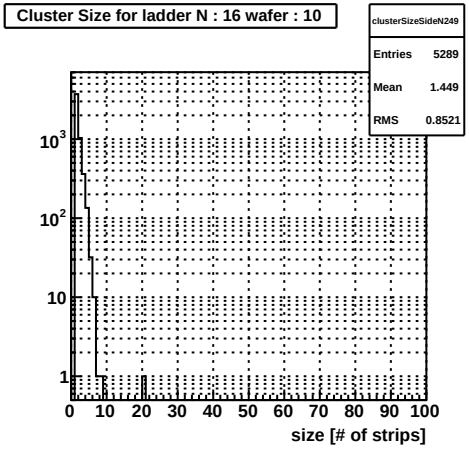

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4732
Mean 1.406
RMS 0.6925
size [# of strips]

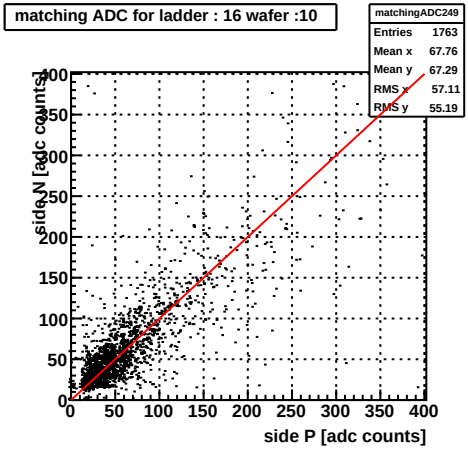

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 2013
Mean x 71.35
Mean y 66.88
RMS x 57.8
RMS y 55.97
side N [adc counts]
side P [adc counts]

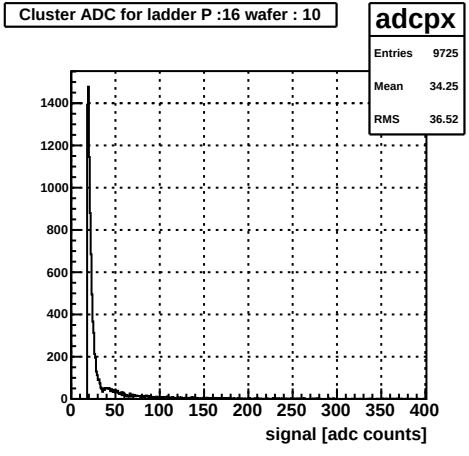

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11212
Mean 34.55
RMS 33.53
signal [adc counts]

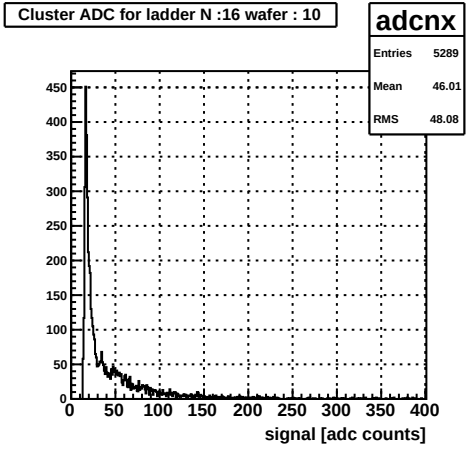

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4732
Mean 48.82
RMS 51.02
signal [adc counts]

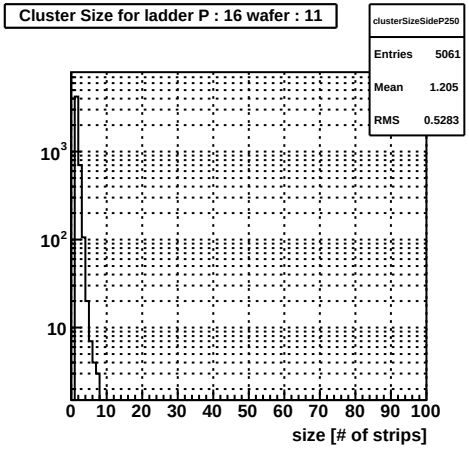

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 9725
Mean 1.126
RMS 0.4181
size [# of strips]

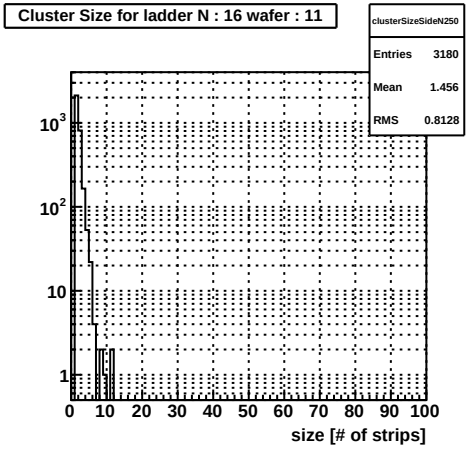

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5289
Mean 1.449
RMS 0.8521
size [# of strips]

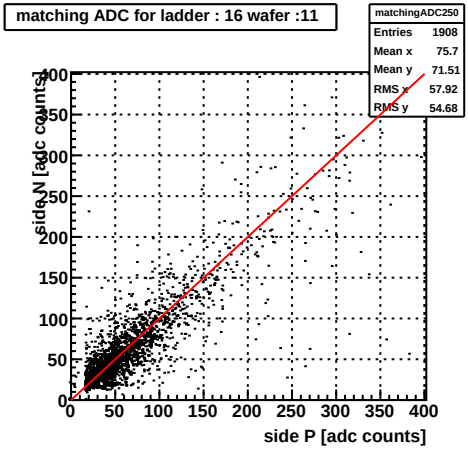

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1763
Mean x 67.76
Mean y 67.29
RMS x 57.11
RMS y 55.19
side N [adc counts]
side P [adc counts]

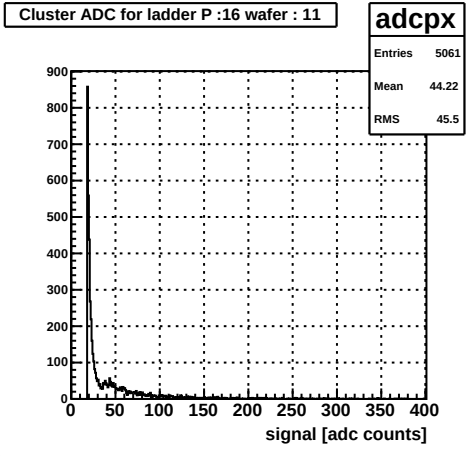

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 9725
Mean 34.25
RMS 36.52
signal [adc counts]

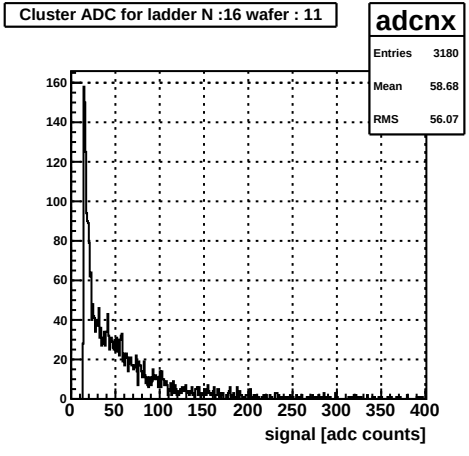

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5289
Mean 46.01
RMS 48.08
signal [adc counts]

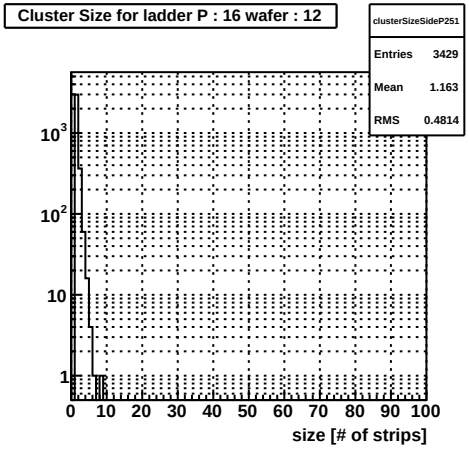

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5061
Mean 1.205
RMS 0.5283
size [# of strips]

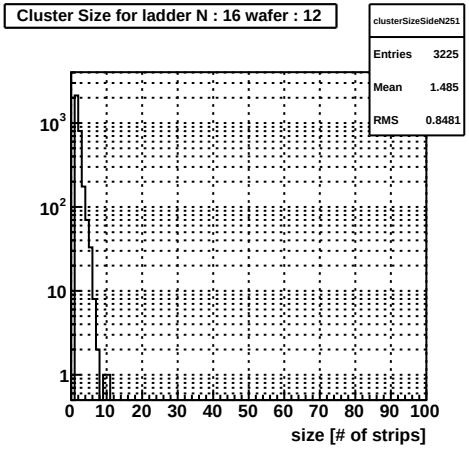

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3180
Mean 1.456
RMS 0.8128
size [# of strips]

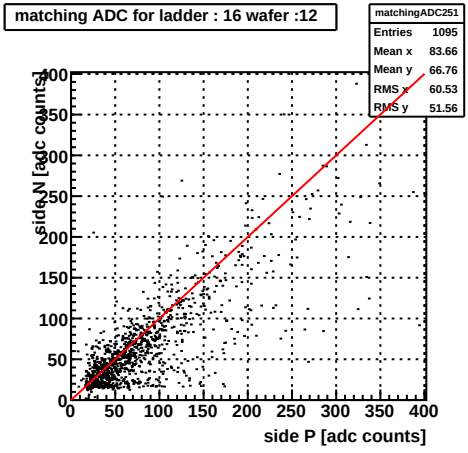

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1908
Mean x 75.7
Mean y 71.51
RMS x 57.92
RMS y 54.68
side N [adc counts]
side P [adc counts]

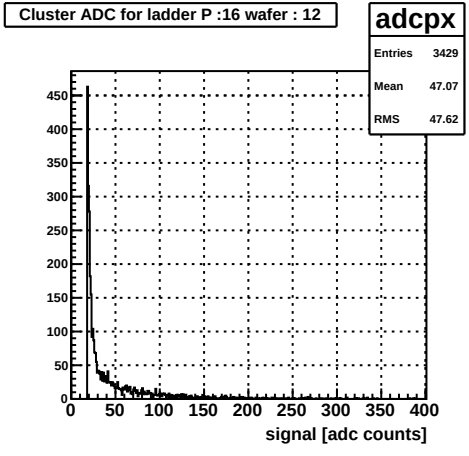

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5061
Mean 44.22
RMS 45.5
signal [adc counts]

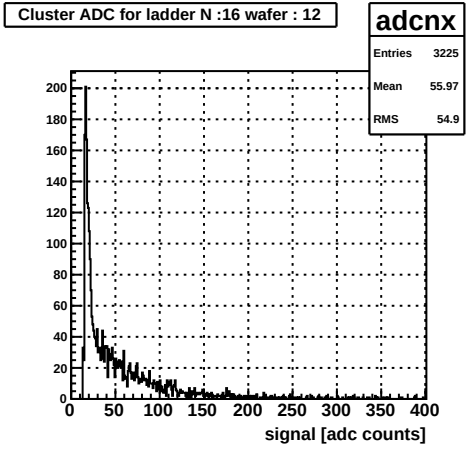

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3180
Mean 58.68
RMS 56.07
signal [adc counts]

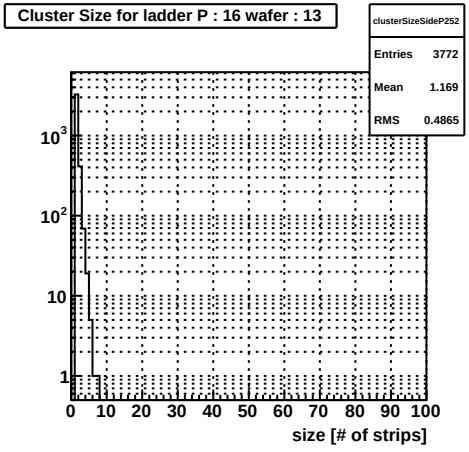

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3429
Mean 1.163
RMS 0.4814
size [# of strips]

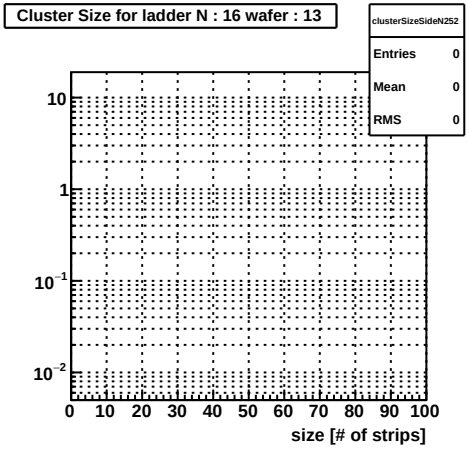

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3225
Mean 1.485
RMS 0.8481
size [# of strips]

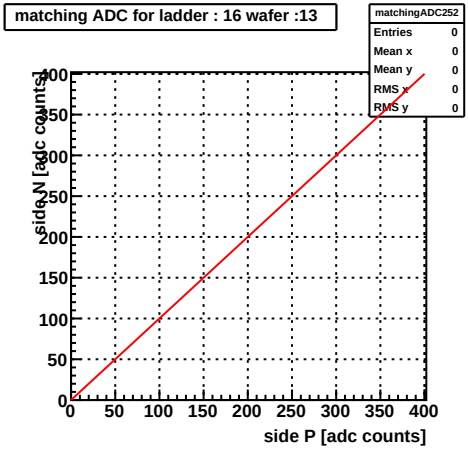

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1095
Mean x 83.66
Mean y 66.76
RMS x 60.53
RMS y 51.56
side N [adc counts]
side P [adc counts]

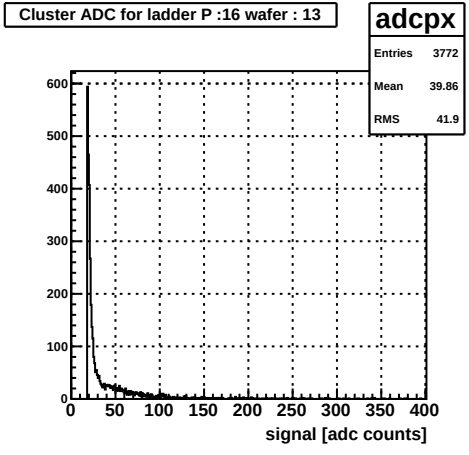

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3429
Mean 47.07
RMS 47.62
signal [adc counts]

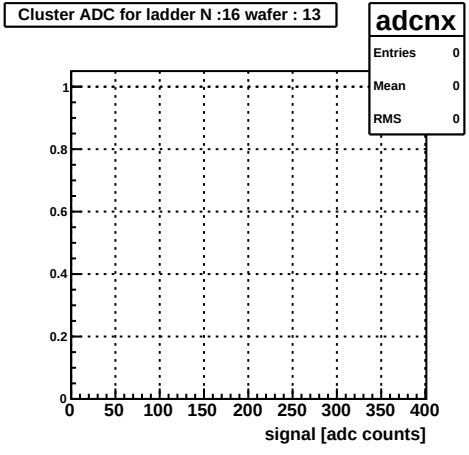

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3225
Mean 55.97
RMS 54.9
signal [adc counts]

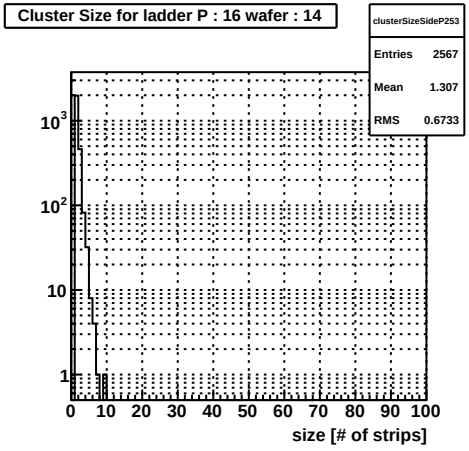

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3772
Mean 1.169
RMS 0.4865
size [# of strips]

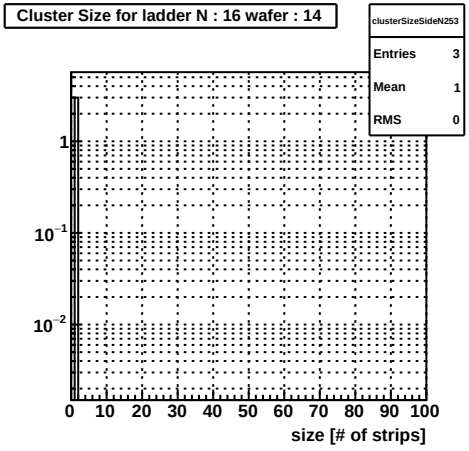

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

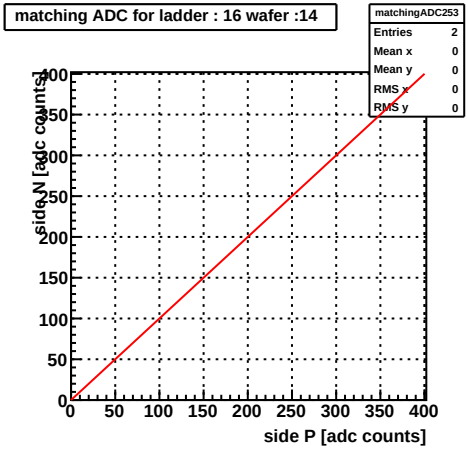

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

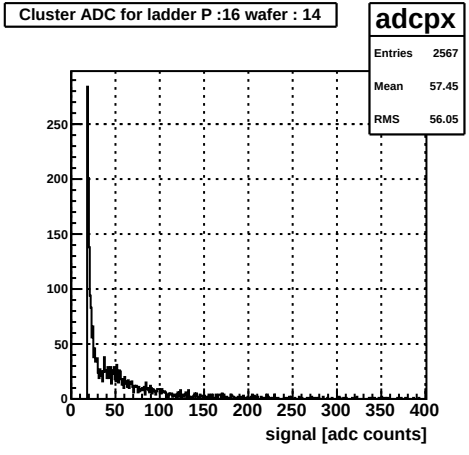

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3772
Mean 39.86
RMS 41.9
signal [adc counts]

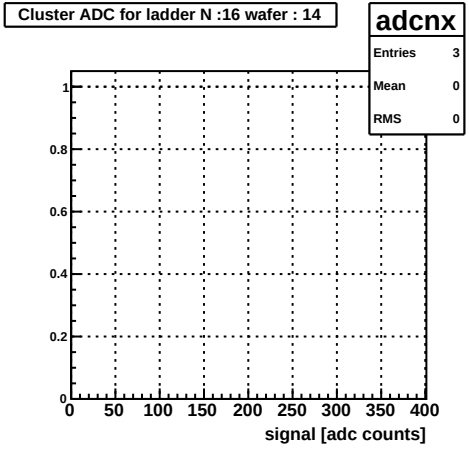

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

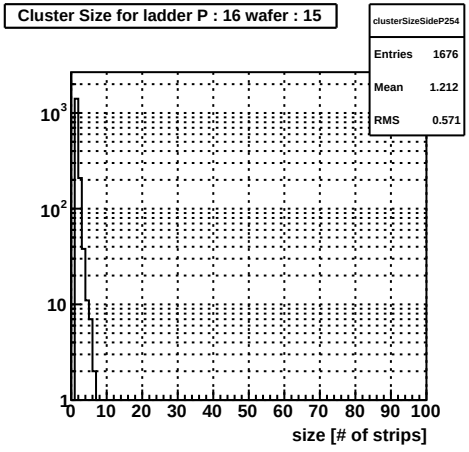

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2567
Mean 1.307
RMS 0.6733
size [# of strips]

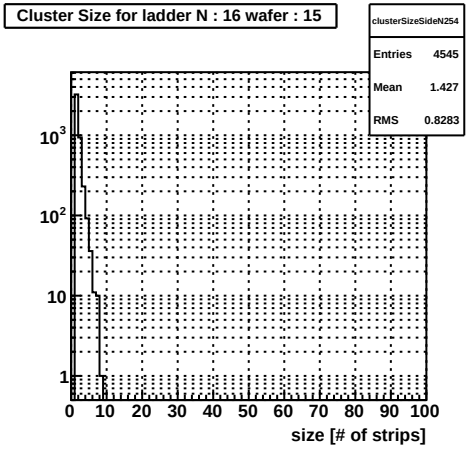

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 3
Mean 1
RMS 0
size [# of strips]

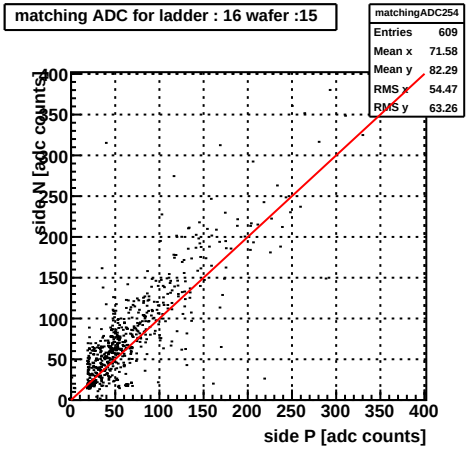

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

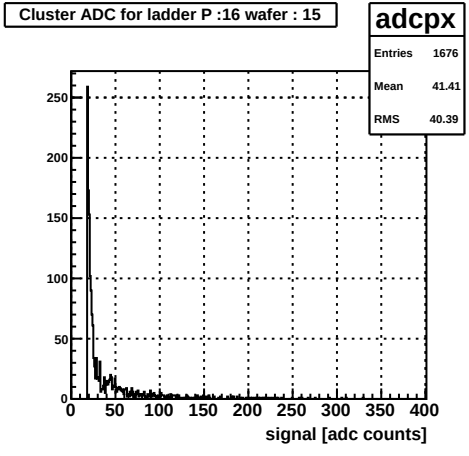

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2567
Mean 57.45
RMS 56.05
signal [adc counts]

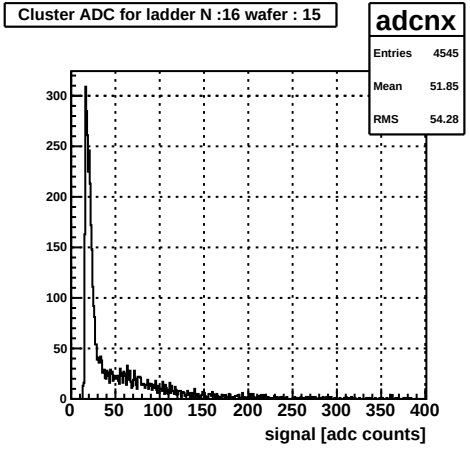

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

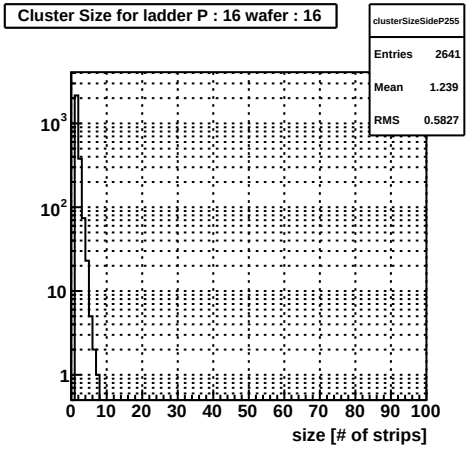

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1676
Mean 1.212
RMS 0.571
size [# of strips]

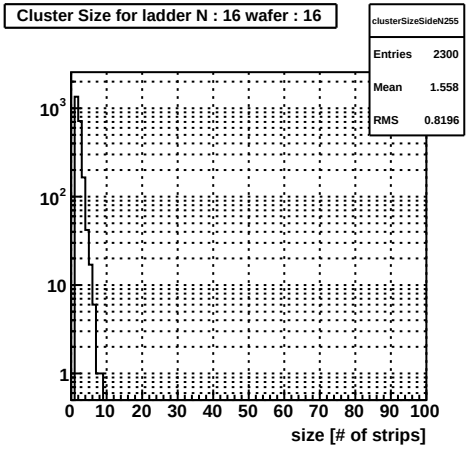

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4545
Mean 1.427
RMS 0.8283
size [# of strips]

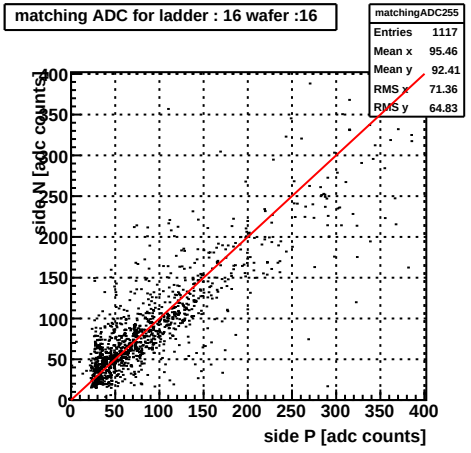

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 609
Mean x 71.58
Mean y 82.29
RMS x 54.47
RMS y 63.26
side N [adc counts]
side P [adc counts]

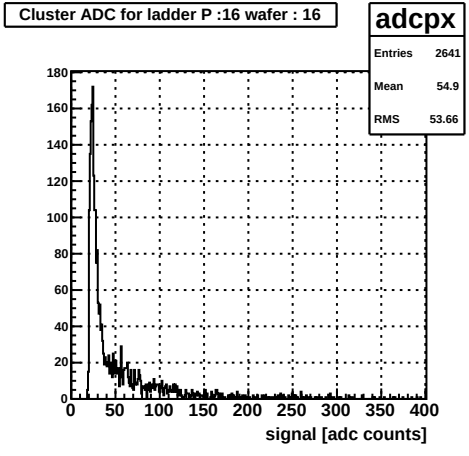

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1676
Mean 41.41
RMS 40.39
signal [adc counts]

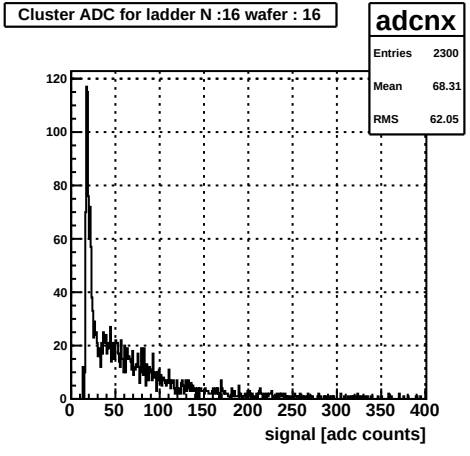

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4545
Mean 51.85
RMS 54.28
signal [adc counts]

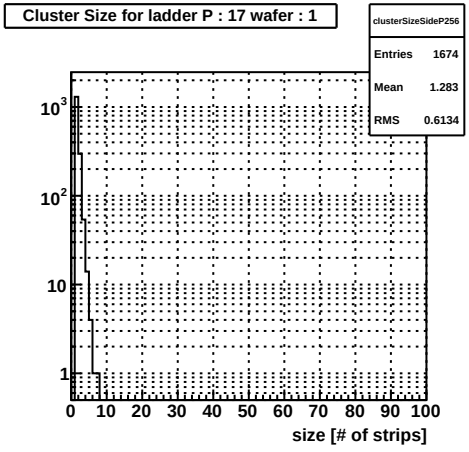

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2641
Mean 1.239
RMS 0.5827
size [# of strips]

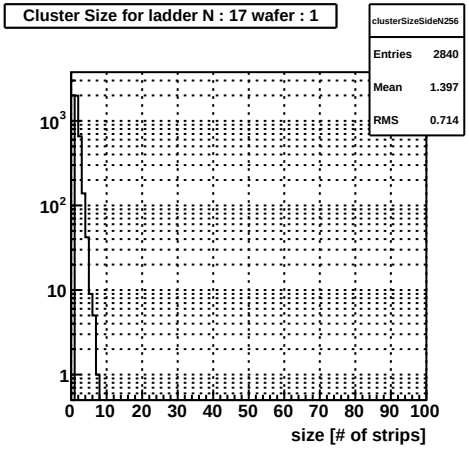

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2300
Mean 1.558
RMS 0.8196
size [# of strips]

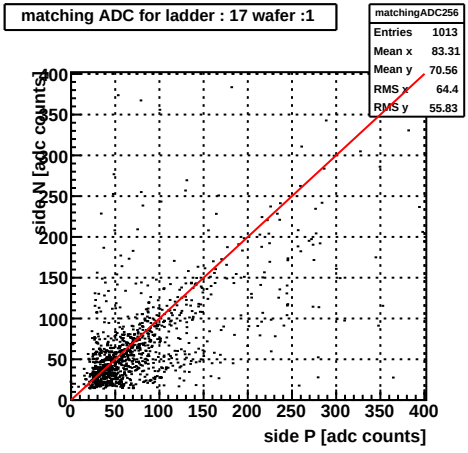

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1117
Mean x 95.46
Mean y 92.41
RMS x 71.36
RMS y 64.83
side N [adc counts]
side P [adc counts]

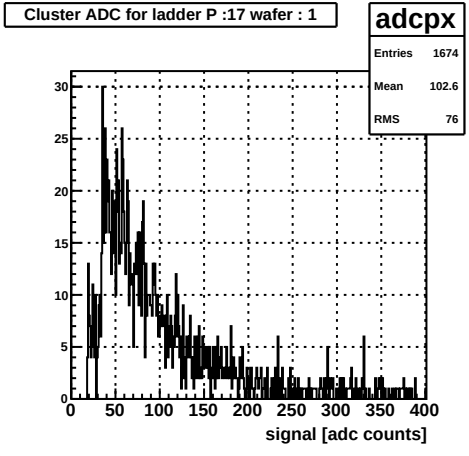

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2641
Mean 54.9
RMS 53.66
signal [adc counts]

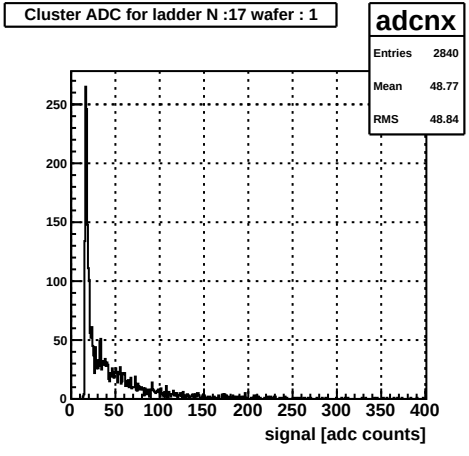

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2300
Mean 68.31
RMS 62.05
signal [adc counts]

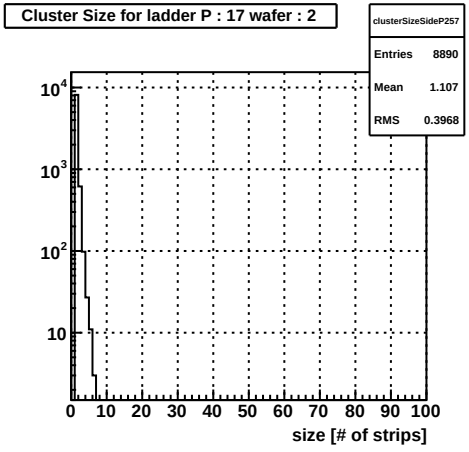

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1674
Mean 1.283
RMS 0.6134
size [# of strips]

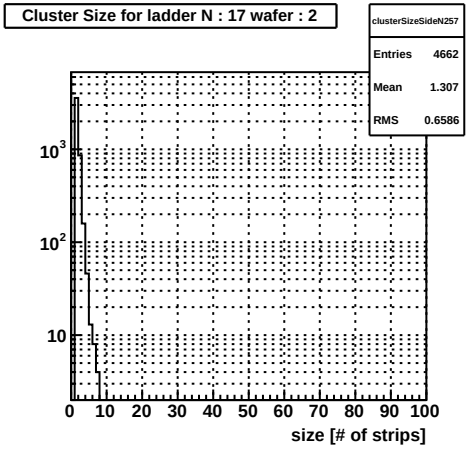

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2840
Mean 1.397
RMS 0.714
size [# of strips]

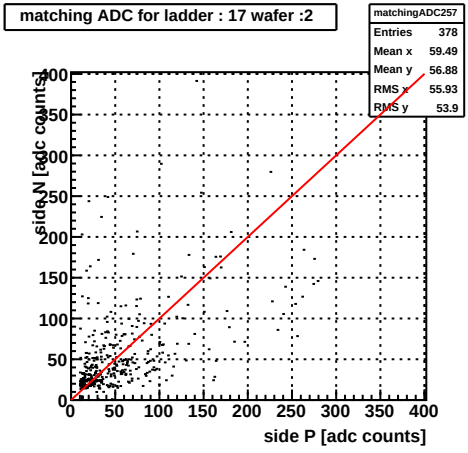

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 1013
Mean x 83.31
Mean y 70.56
RMS x 64.4
RMS y 55.83
side N [adc counts]
side P [adc counts]

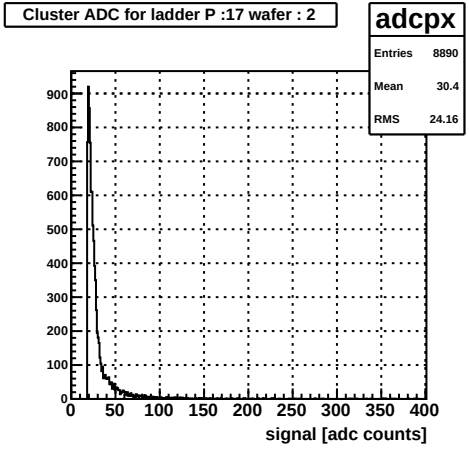

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1674
Mean 102.6
RMS 76
signal [adc counts]

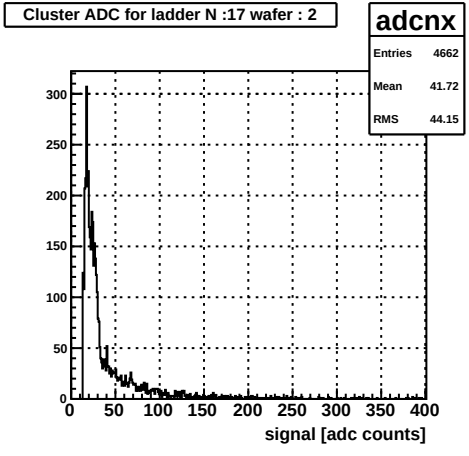

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2840
Mean 48.77
RMS 48.84
signal [adc counts]

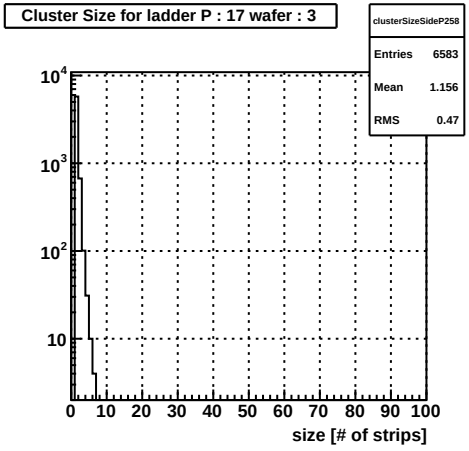

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8890
Mean 1.107
RMS 0.3968
size [# of strips]

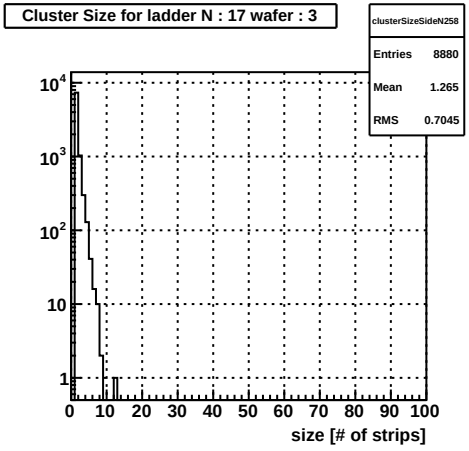

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4662
Mean 1.307
RMS 0.6586
size [# of strips]

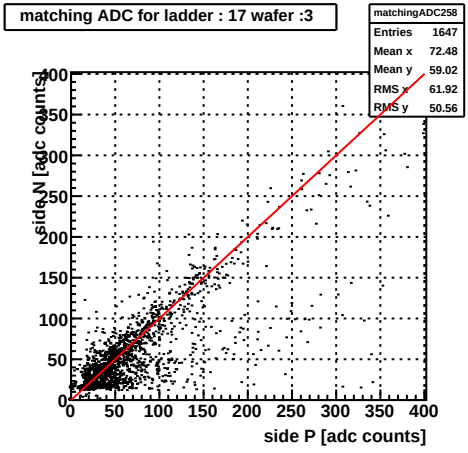

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 378
Mean x 59.49
Mean y 56.88
RMS x 55.93
RMS y 53.9
side N [adc counts]
side P [adc counts]

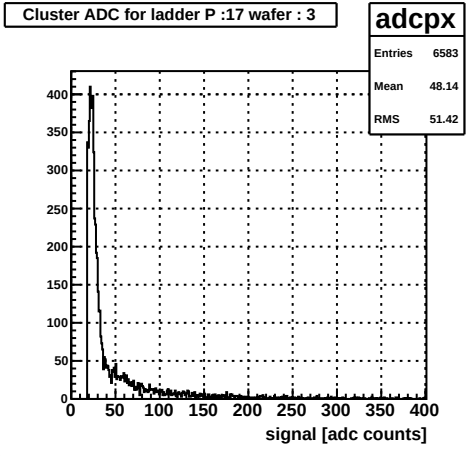

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8890
Mean 30.4
RMS 24.16
signal [adc counts]

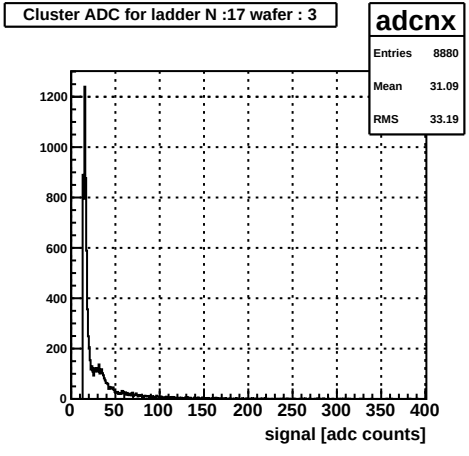

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4662
Mean 41.72
RMS 44.15
signal [adc counts]

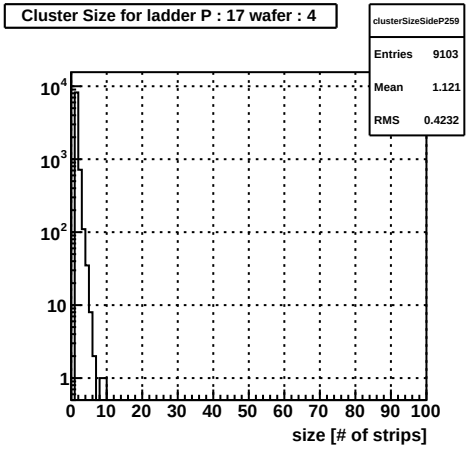

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6583
Mean 1.156
RMS 0.47
size [# of strips]

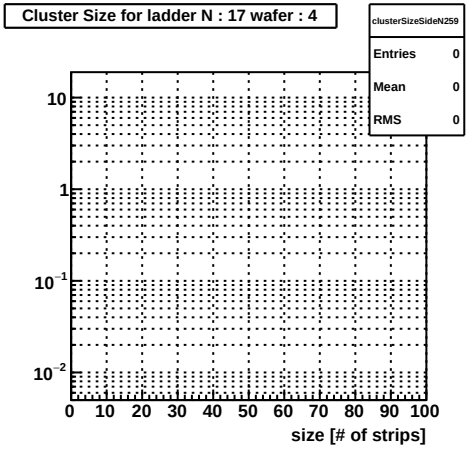

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8880
Mean 1.265
RMS 0.7045
size [# of strips]

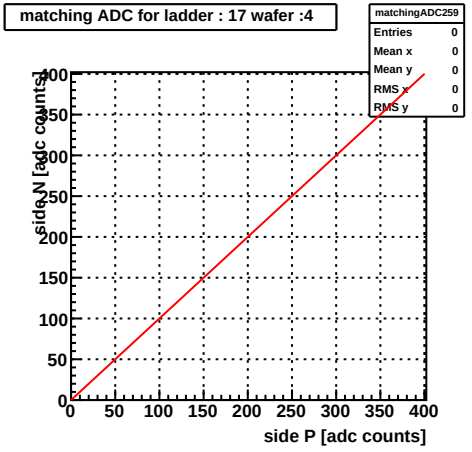

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1647
Mean x 72.48
Mean y 59.02
RMS x 61.92
RMS y 50.56
side N [adc counts]
side P [adc counts]

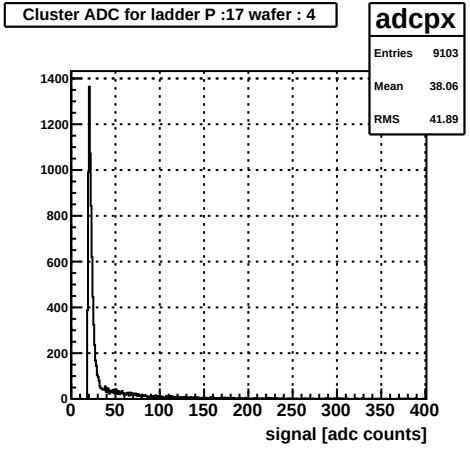

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6583
Mean 48.14
RMS 51.42
signal [adc counts]

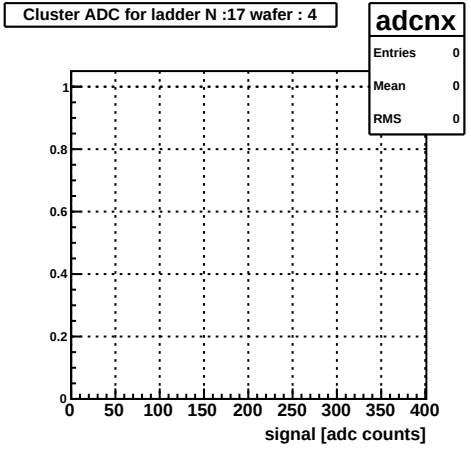

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8880
Mean 31.09
RMS 33.19
signal [adc counts]

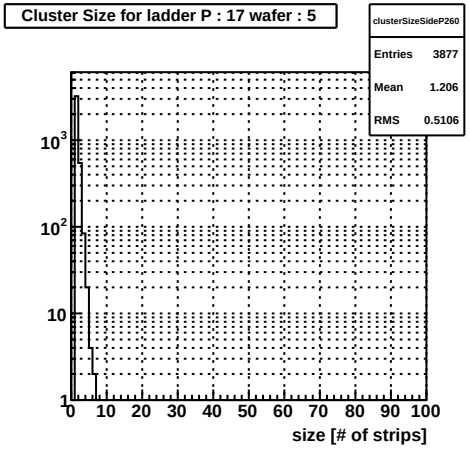

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9103
Mean 1.121
RMS 0.4232
size [# of strips]

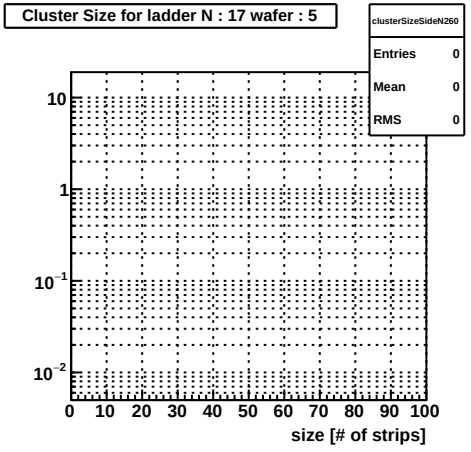

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

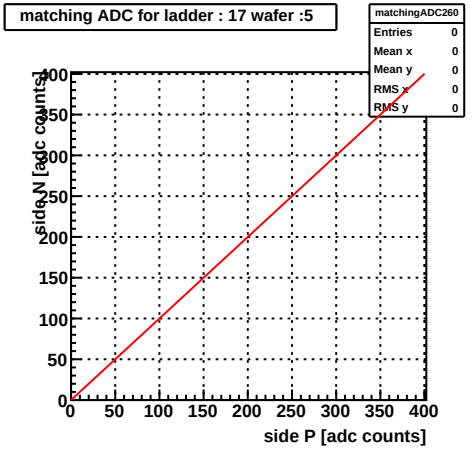

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

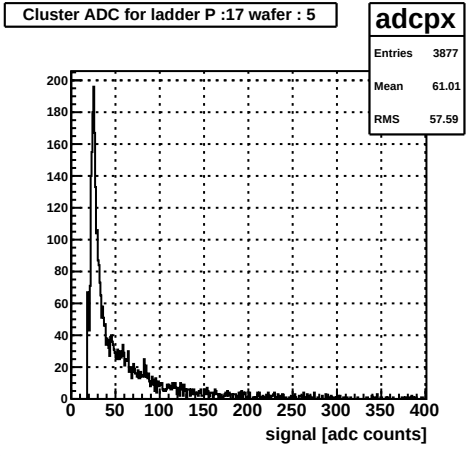

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9103
Mean 38.06
RMS 41.89
signal [adc counts]

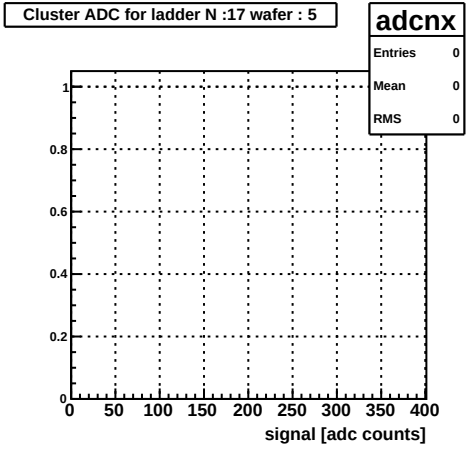

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

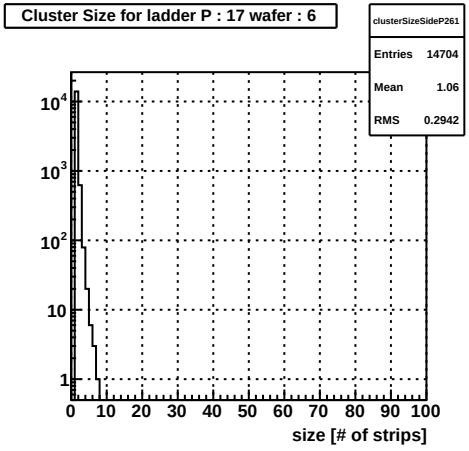

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3877
Mean 1.206
RMS 0.5106
size [# of strips]

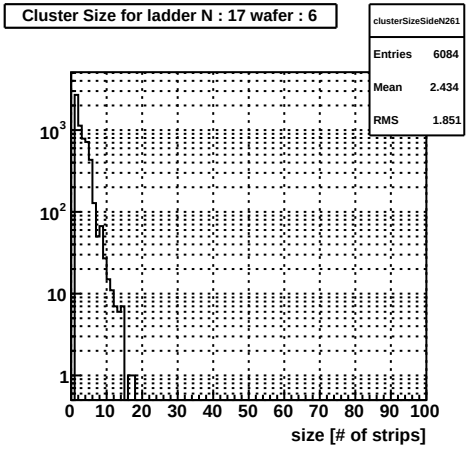

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

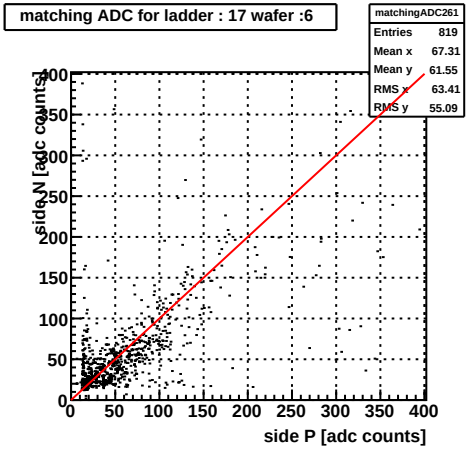

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

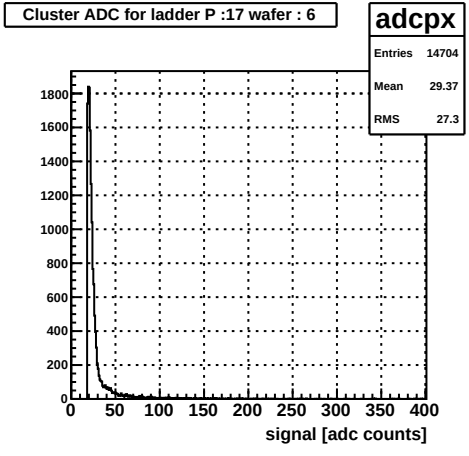

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3877
Mean 61.01
RMS 57.59
signal [adc counts]

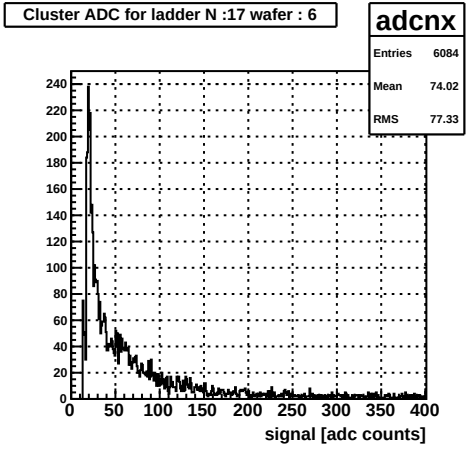

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

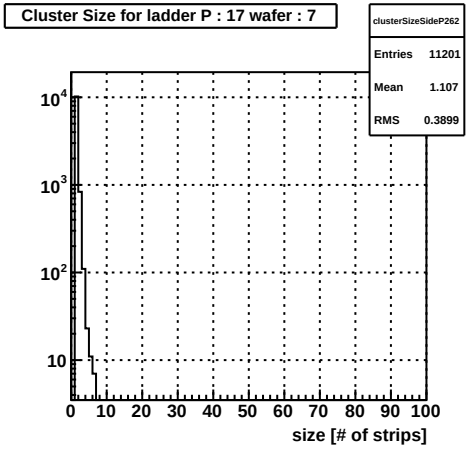

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 14704
Mean 1.06
RMS 0.2942
size [# of strips]

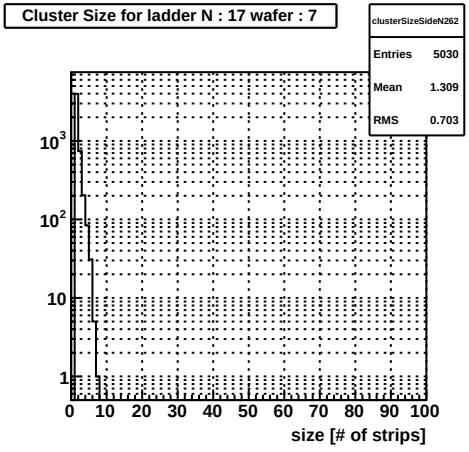

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6084
Mean 2.434
RMS 1.851
size [# of strips]

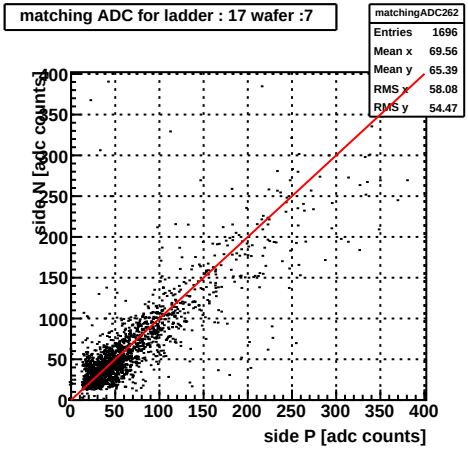

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 819
Mean x 67.31
Mean y 61.55
RMS x 63.41
RMS y 55.09
side N [adc counts]
side P [adc counts]

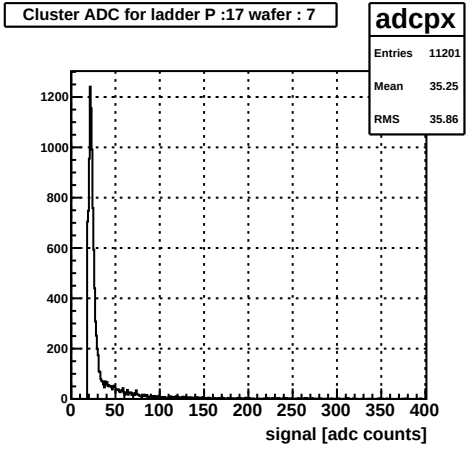

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 14704
Mean 29.37
RMS 27.3
signal [adc counts]

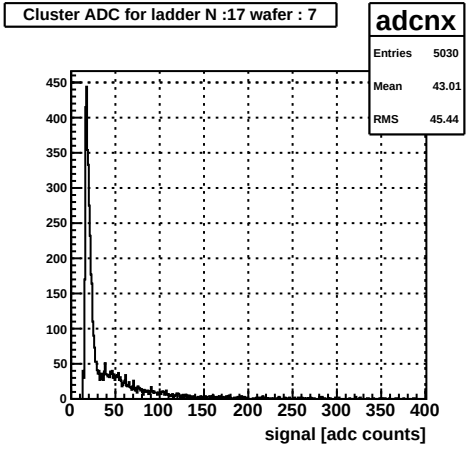

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6084
Mean 74.02
RMS 77.33
signal [adc counts]

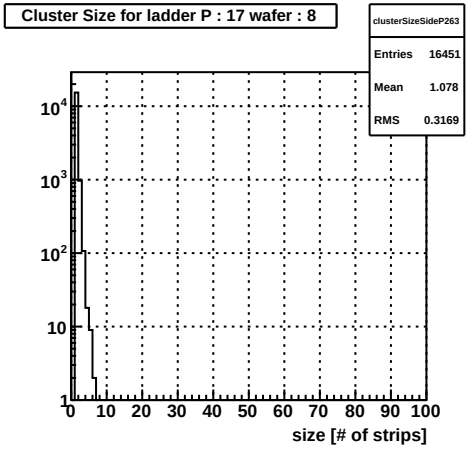

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11201
Mean 1.107
RMS 0.3899
size [# of strips]

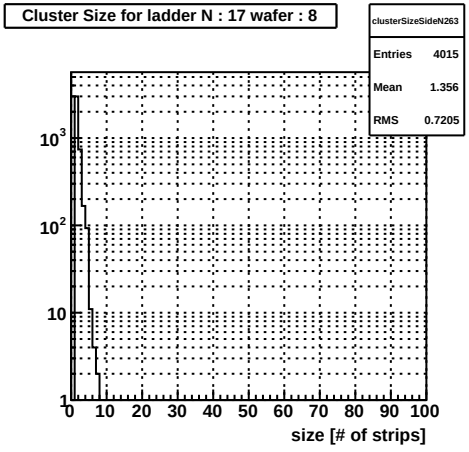

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5030
Mean 1.309
RMS 0.703
size [# of strips]

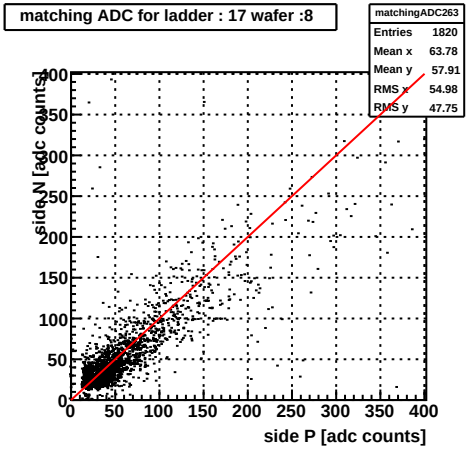

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1696
Mean x 69.56
Mean y 65.39
RMS x 58.08
RMS y 54.47
side N [adc counts]
side P [adc counts]

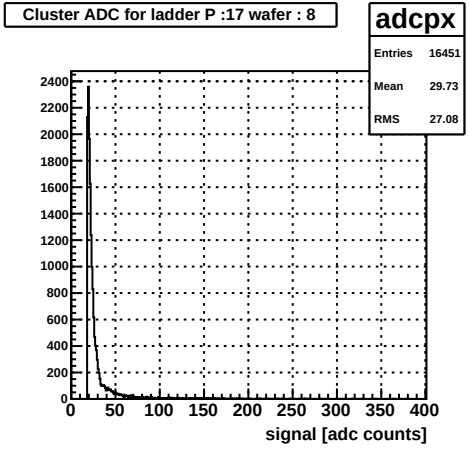

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11201
Mean 35.25
RMS 35.86
signal [adc counts]

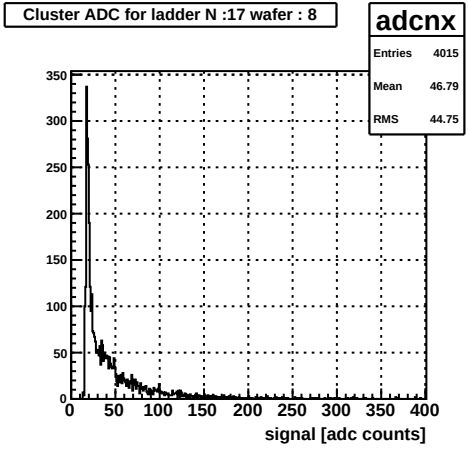

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5030
Mean 43.01
RMS 45.44
signal [adc counts]

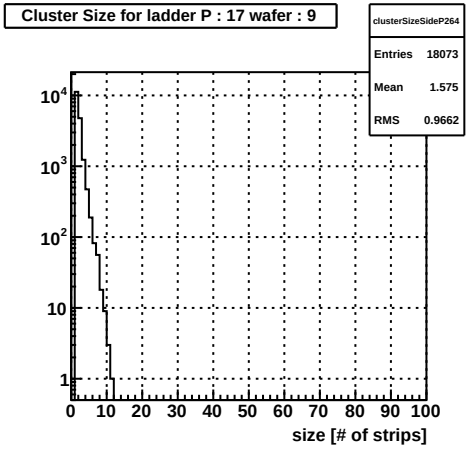

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 16451
Mean 1.078
RMS 0.3169
size [# of strips]

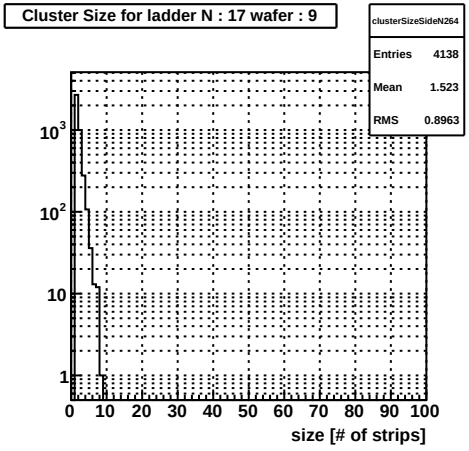

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4015
Mean 1.356
RMS 0.7205
size [# of strips]

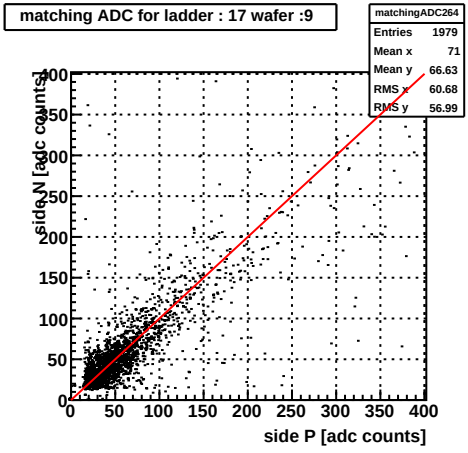

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1820
Mean x 63.78
Mean y 57.91
RMS x 54.98
RMS y 47.75
side N [adc counts]
side P [adc counts]

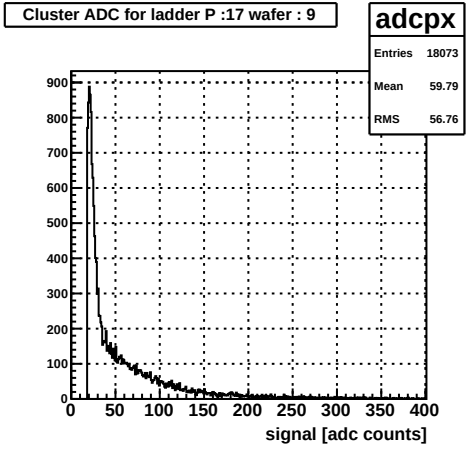

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 16451
Mean 29.73
RMS 27.08
signal [adc counts]

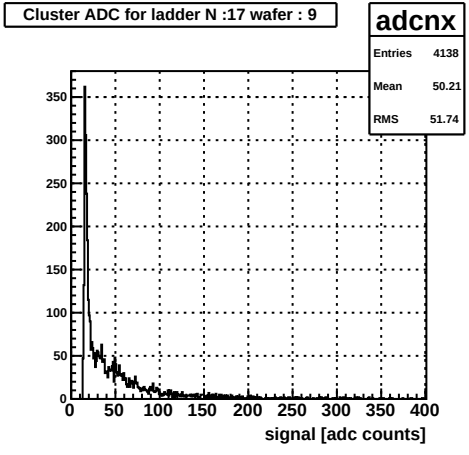

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4015
Mean 46.79
RMS 44.75
signal [adc counts]

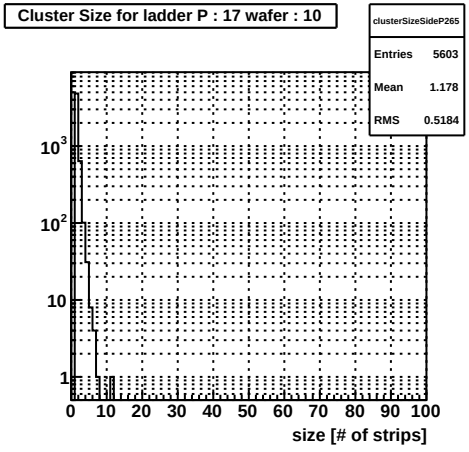

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18073
Mean 1.575
RMS 0.9662
size [# of strips]

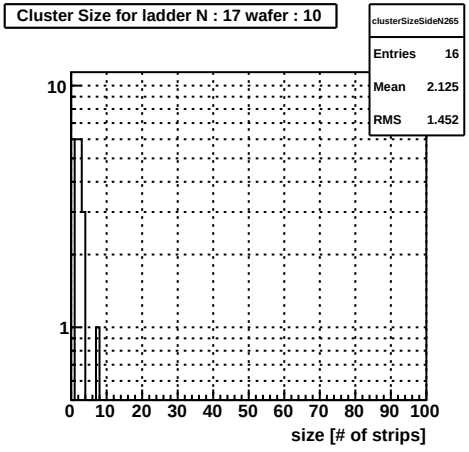

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4138
Mean 1.523
RMS 0.8963
size [# of strips]

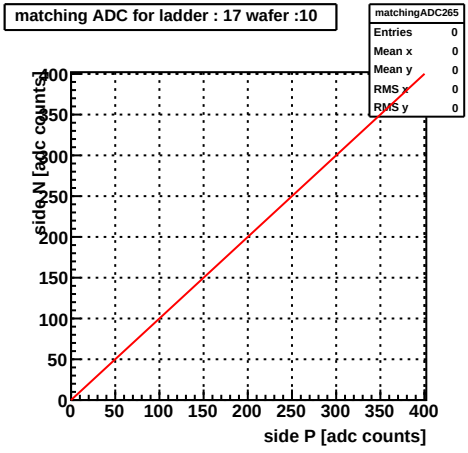

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1979
Mean x 71
Mean y 66.63
RMS x 60.68
RMS y 56.99
side N [adc counts]
side P [adc counts]

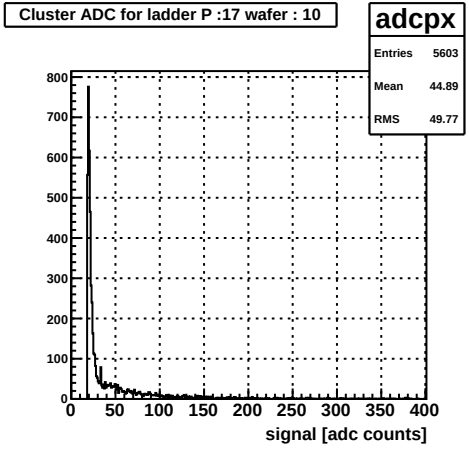

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18073
Mean 59.79
RMS 56.76
signal [adc counts]

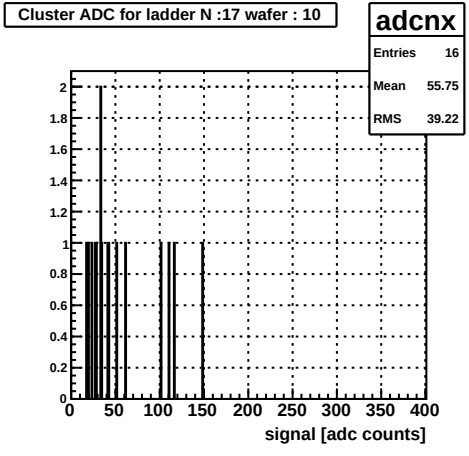

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4138
Mean 50.21
RMS 51.74
signal [adc counts]

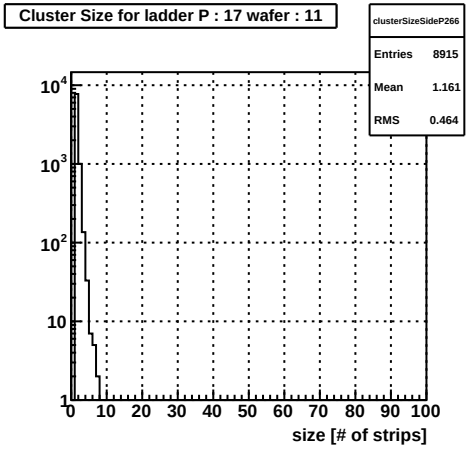

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5603
Mean 1.178
RMS 0.5184
size [# of strips]

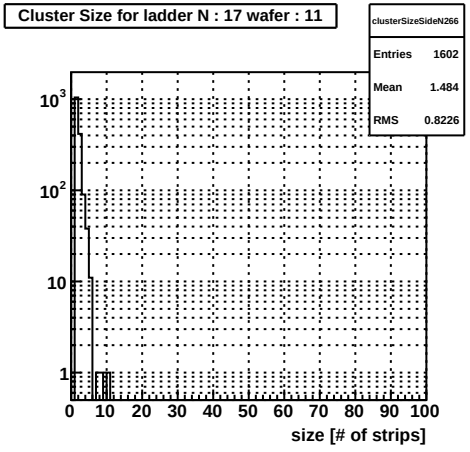

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 16
Mean 2.125
RMS 1.452
size [# of strips]

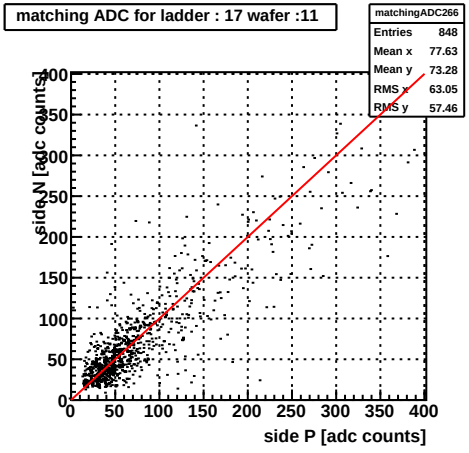

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

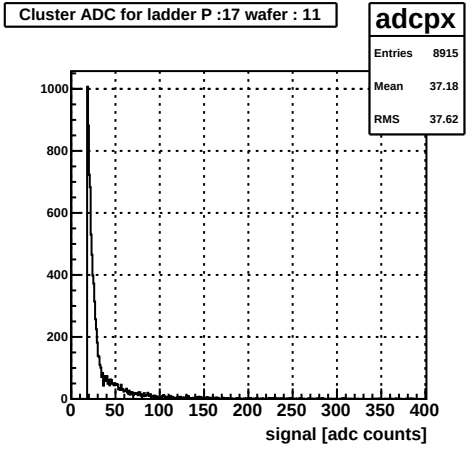

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5603
Mean 44.89
RMS 49.77
signal [adc counts]

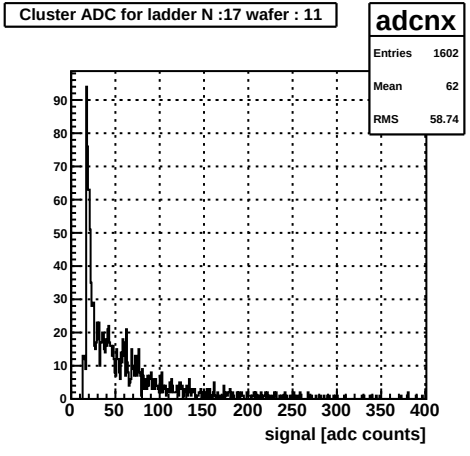

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 16
Mean 55.75
RMS 39.22
signal [adc counts]

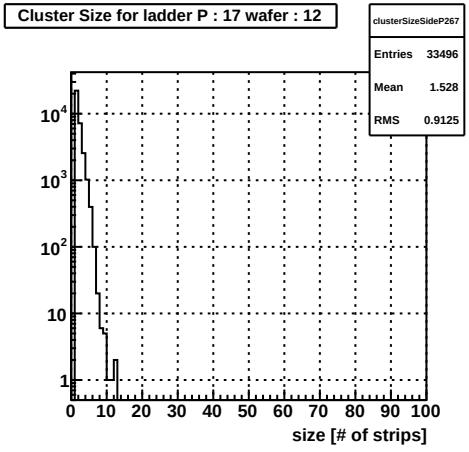

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8915
Mean 1.161
RMS 0.464
size [# of strips]

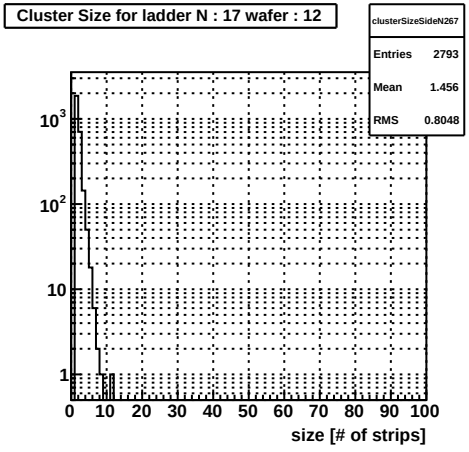

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1602
Mean 1.484
RMS 0.8226
size [# of strips]

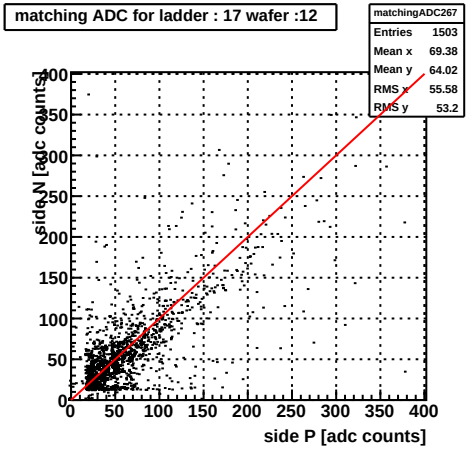

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 848
Mean x 77.63
Mean y 73.28
RMS x 63.05
RMS y 57.46
side N [adc counts]
side P [adc counts]

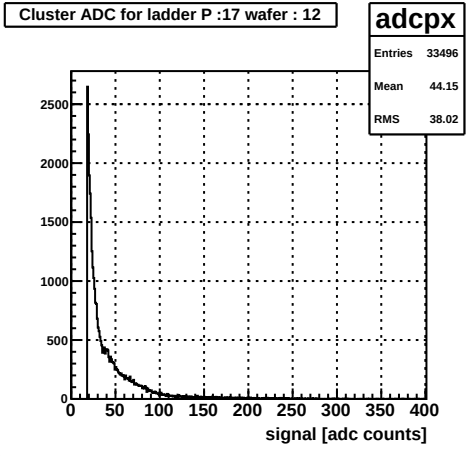

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8915
Mean 37.18
RMS 37.62
signal [adc counts]

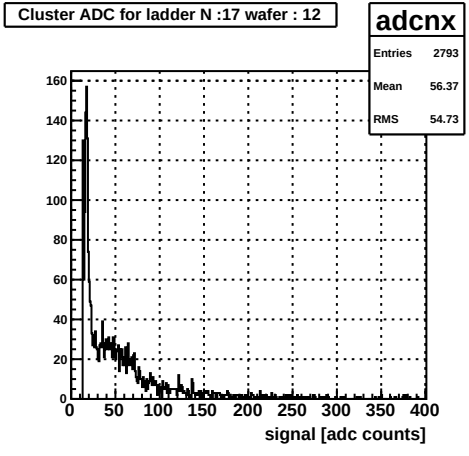

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1602
Mean 62
RMS 58.74
signal [adc counts]

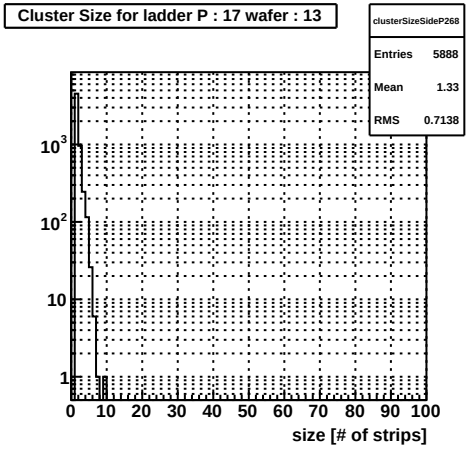

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 33496
Mean 1.528
RMS 0.9125
size [# of strips]

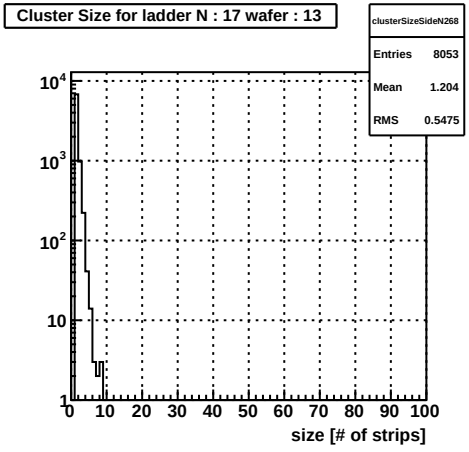

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2793
Mean 1.456
RMS 0.8048
size [# of strips]

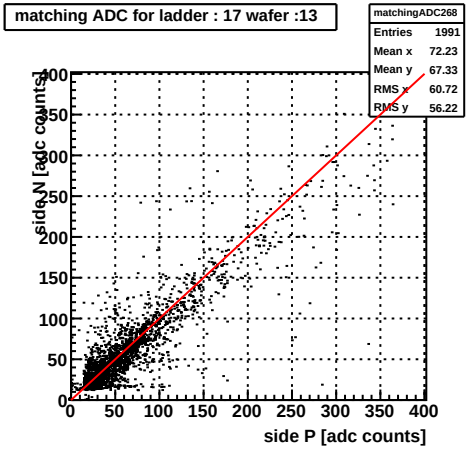

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1503
Mean x 69.38
Mean y 64.02
RMS x 55.58
RMS y 53.2
side N [adc counts]
side P [adc counts]

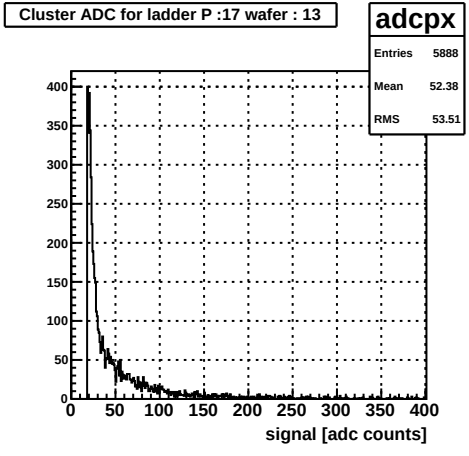

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 33496
Mean 44.15
RMS 38.02
signal [adc counts]

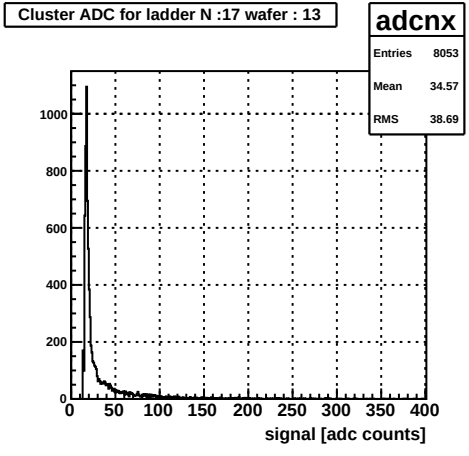

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2793
Mean 56.37
RMS 54.73
signal [adc counts]

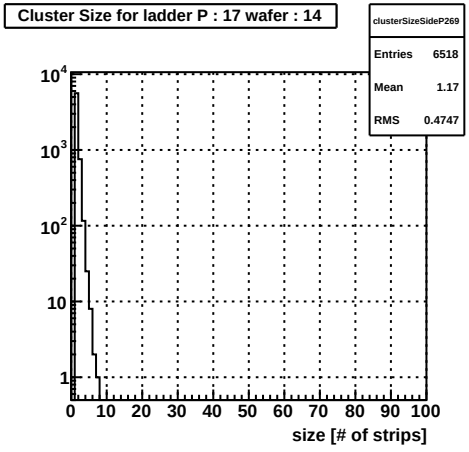

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5888
Mean 1.33
RMS 0.7138
size [# of strips]

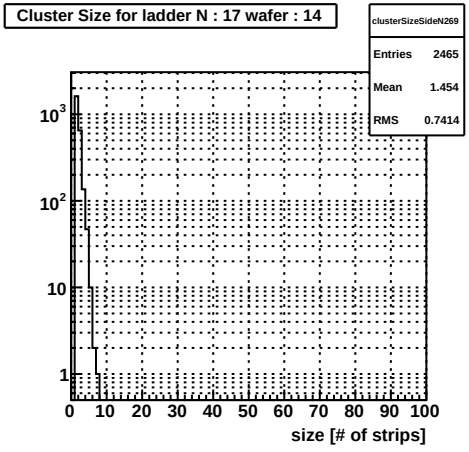

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8053
Mean 1.204
RMS 0.5475
size [# of strips]

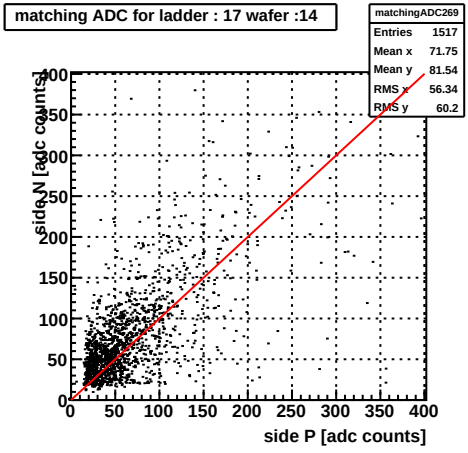

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1991
Mean x 72.23
Mean y 67.33
RMS x 60.72
RMS y 56.22
side N [adc counts]
side P [adc counts]

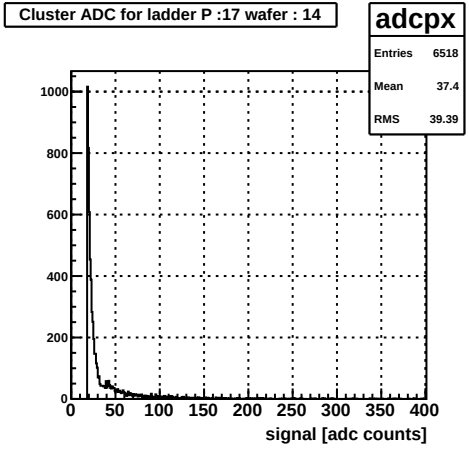

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5888
Mean 52.38
RMS 53.51
signal [adc counts]

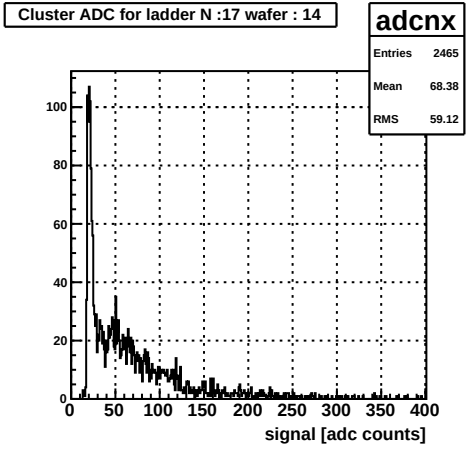

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8053
Mean 34.57
RMS 38.69
signal [adc counts]

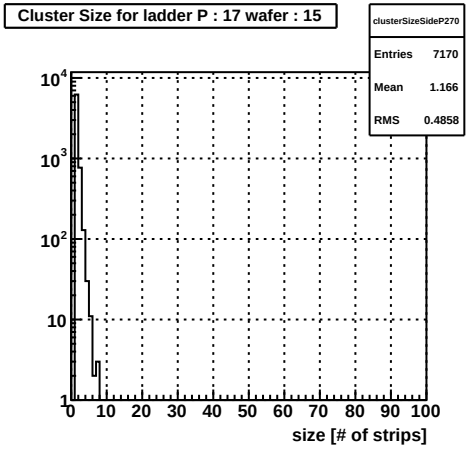

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6518
Mean 1.17
RMS 0.4747
size [# of strips]

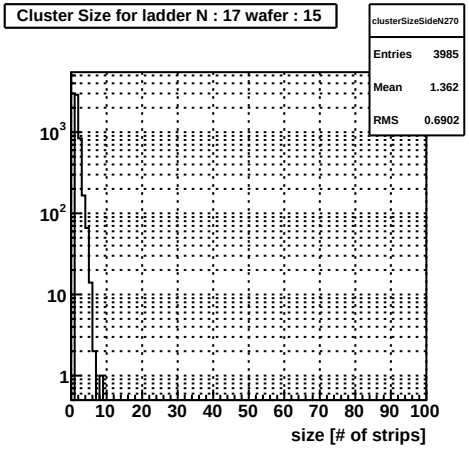

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2465
Mean 1.454
RMS 0.7414
size [# of strips]

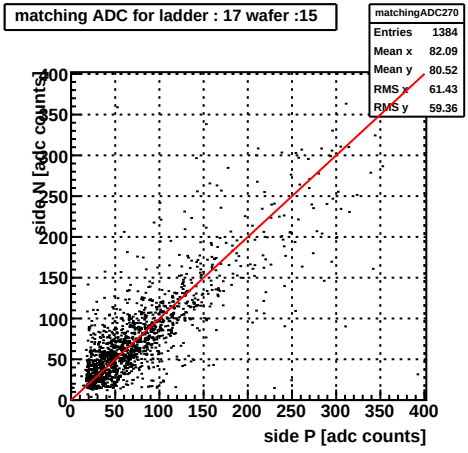

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1517
Mean x 71.75
Mean y 81.54
RMS x 56.34
RMS y 60.2
side N [adc counts]
side P [adc counts]

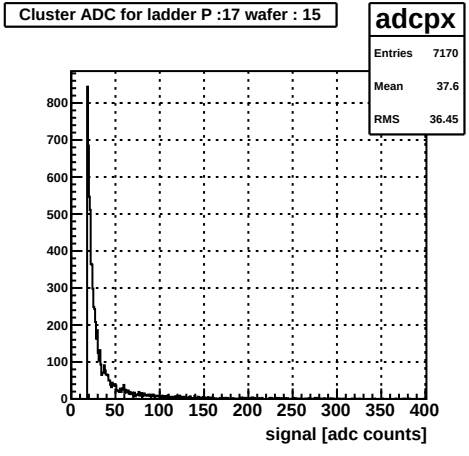

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6518
Mean 37.4
RMS 39.39
signal [adc counts]

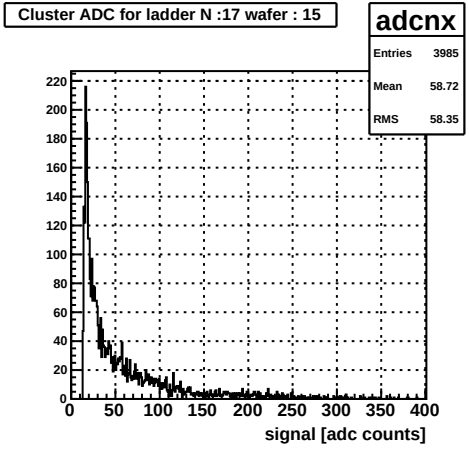

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2465
Mean 68.38
RMS 59.12
signal [adc counts]

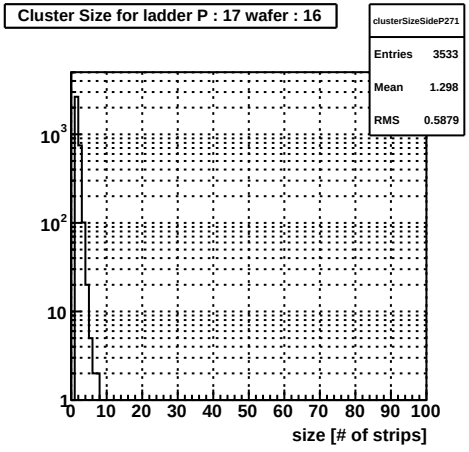

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7170
Mean 1.166
RMS 0.4858
size [# of strips]

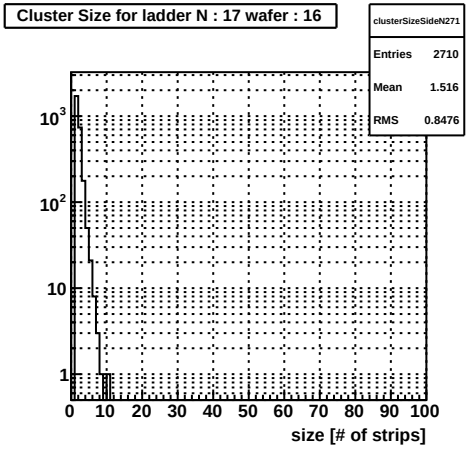

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3985
Mean 1.362
RMS 0.6902
size [# of strips]

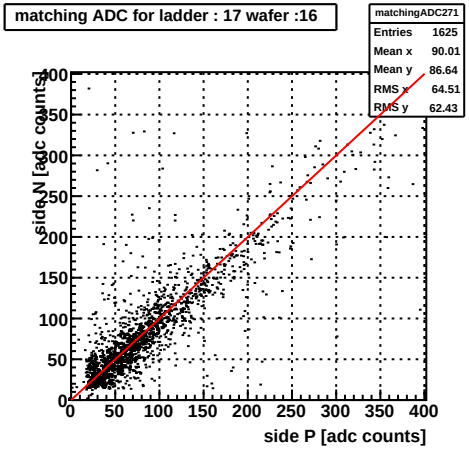

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1384
Mean x 82.09
Mean y 80.52
RMS x 61.43
RMS y 59.36
side N [adc counts]
side P [adc counts]

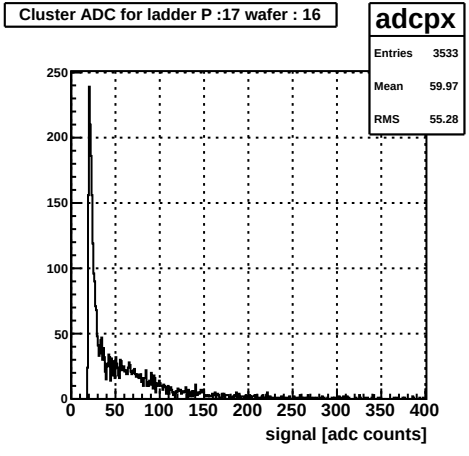

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7170
Mean 37.6
RMS 36.45
signal [adc counts]

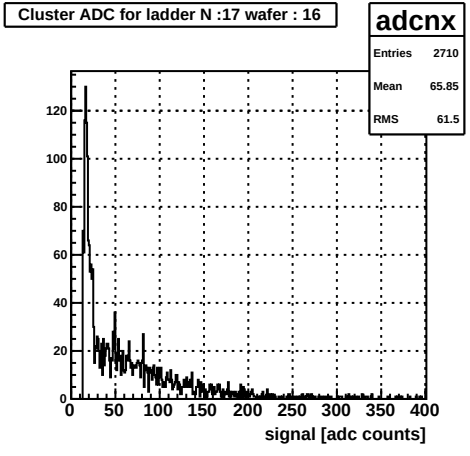

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3985
Mean 58.72
RMS 58.35
signal [adc counts]

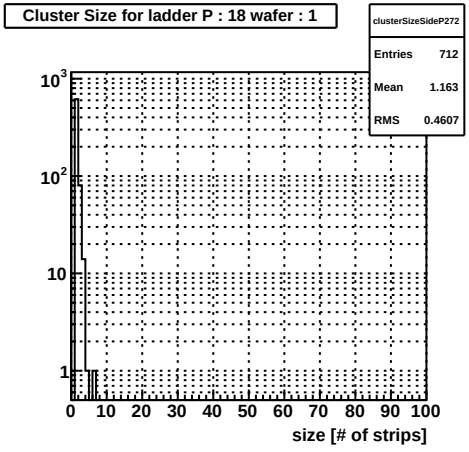

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3533
Mean 1.298
RMS 0.5879
size [# of strips]

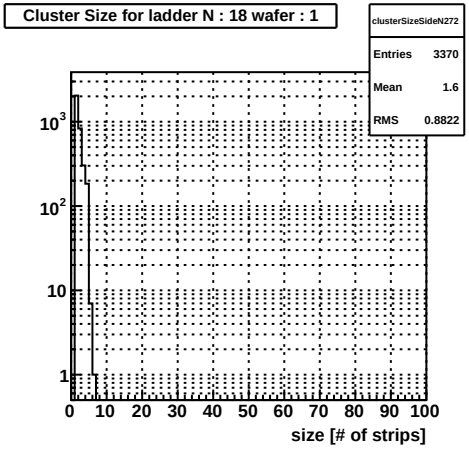

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2710
Mean 1.516
RMS 0.8476
size [# of strips]

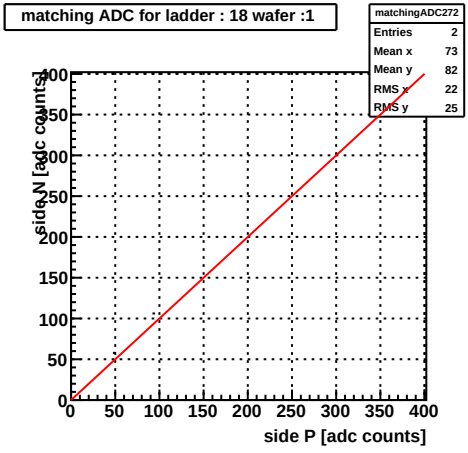

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1625
Mean x 90.01
Mean y 86.64
RMS x 64.51
RMS y 62.43
side N [adc counts]
side P [adc counts]

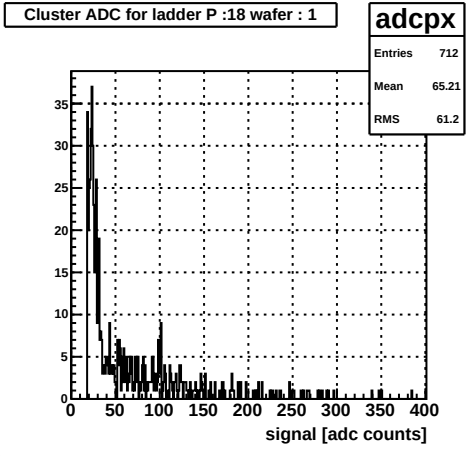

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3533
Mean 59.97
RMS 55.28
signal [adc counts]

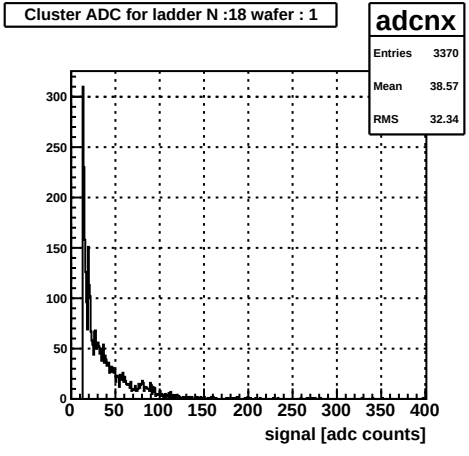

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2710
Mean 65.85
RMS 61.5
signal [adc counts]

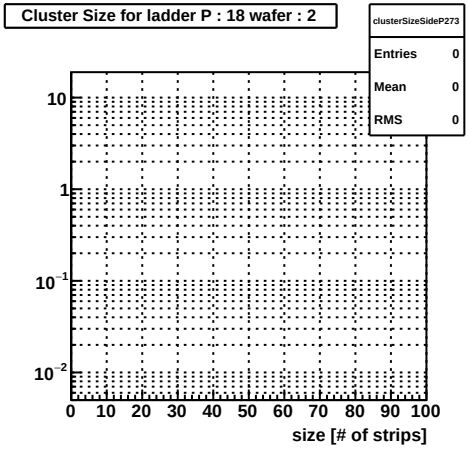

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 712
Mean 1.163
RMS 0.4607
size [# of strips]

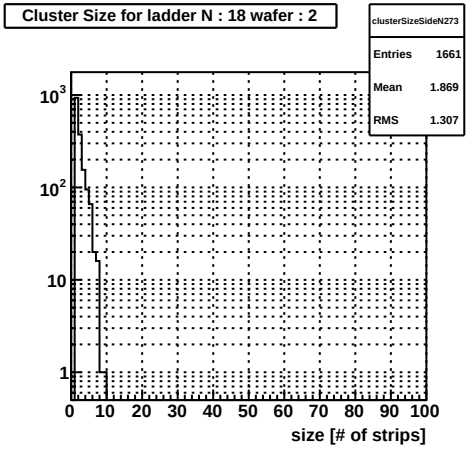

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3370
Mean 1.6
RMS 0.8822
size [# of strips]

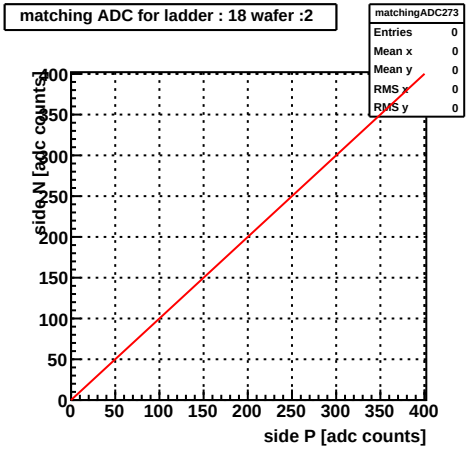

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 2
Mean x 73
Mean y 82
RMS x 22
RMS y 25
side N [adc counts]
side P [adc counts]

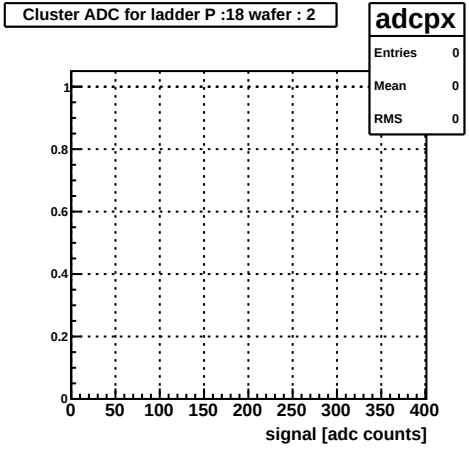

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 712
Mean 65.21
RMS 61.2
signal [adc counts]

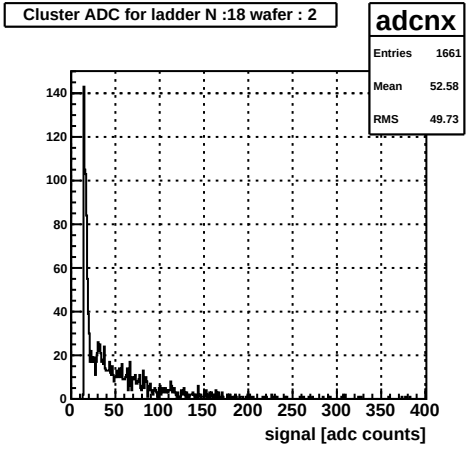

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3370
Mean 38.57
RMS 32.34
signal [adc counts]

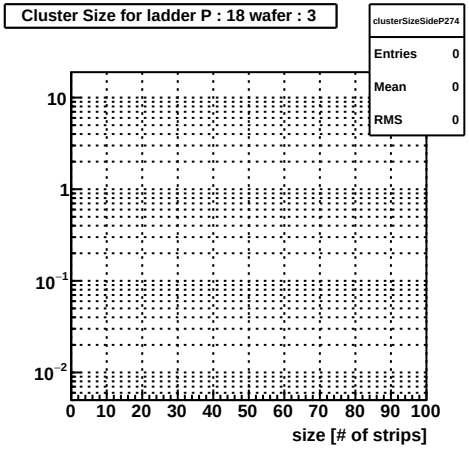

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

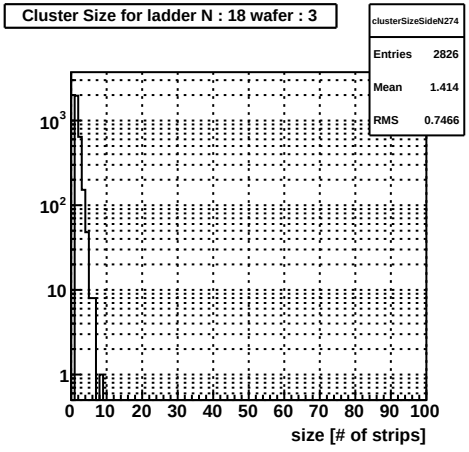

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1661
Mean 1.869
RMS 1.307
size [# of strips]

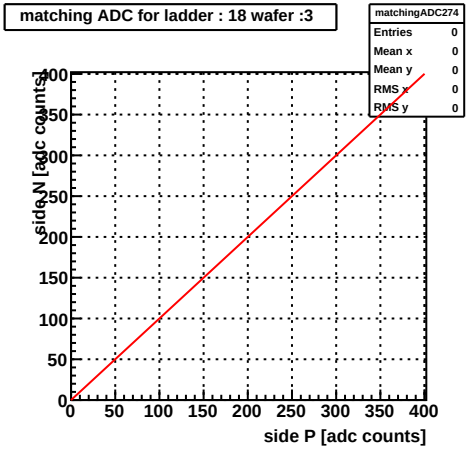

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

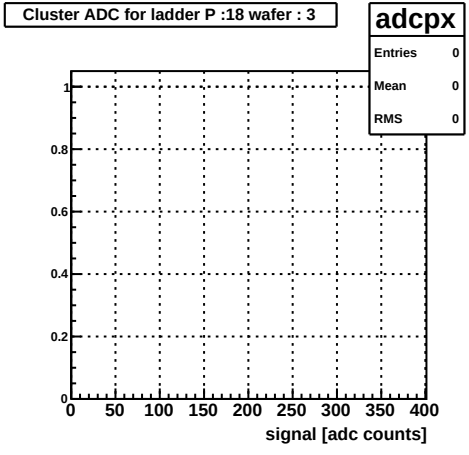

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

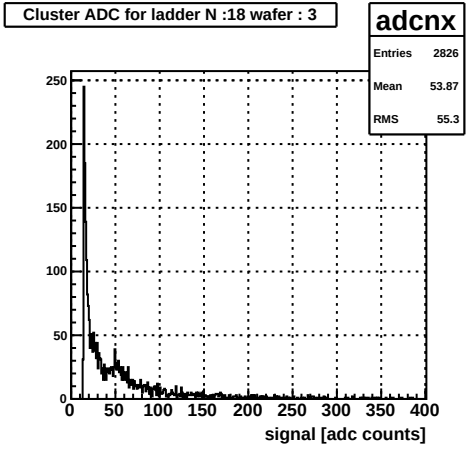

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1661
Mean 52.58
RMS 49.73
signal [adc counts]

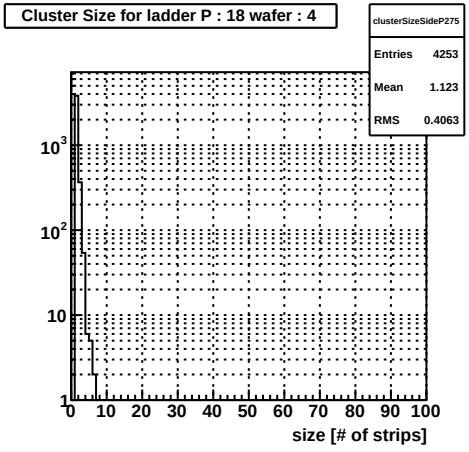

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

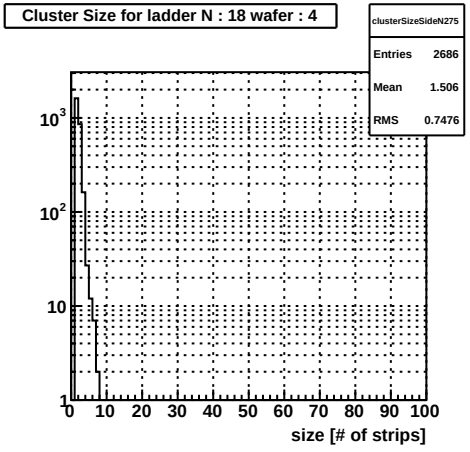

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2826
Mean 1.414
RMS 0.7466
size [# of strips]

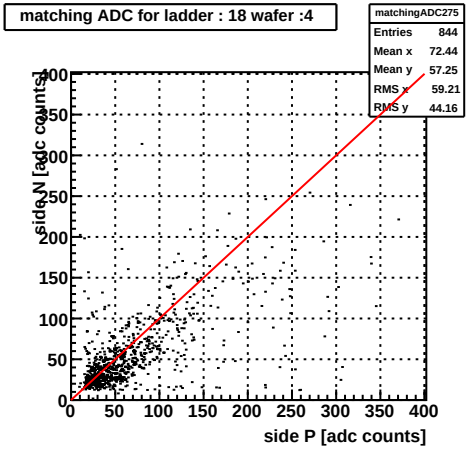

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

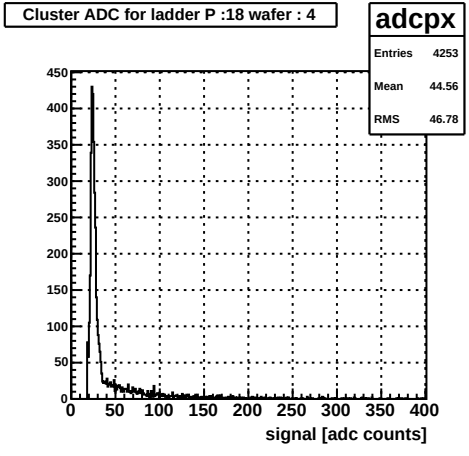

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

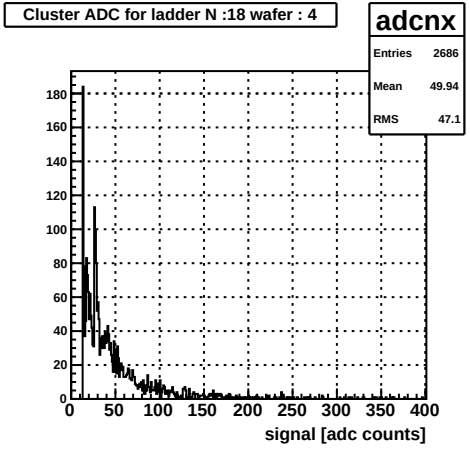

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2826
Mean 53.87
RMS 55.3
signal [adc counts]

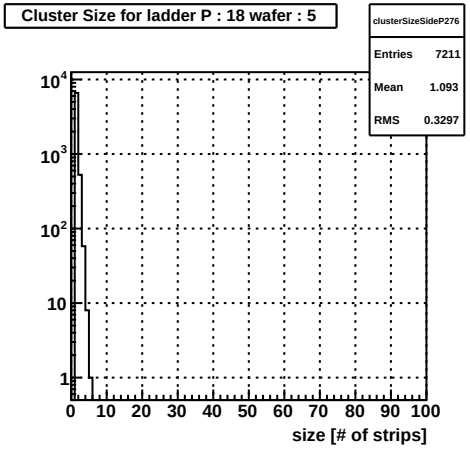

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4253
Mean 1.123
RMS 0.4063
size [# of strips]

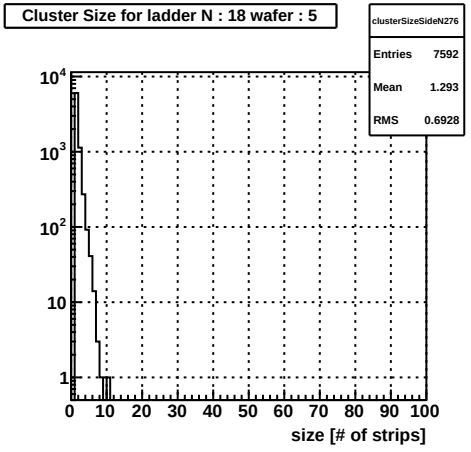

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2686
Mean 1.506
RMS 0.7476
size [# of strips]

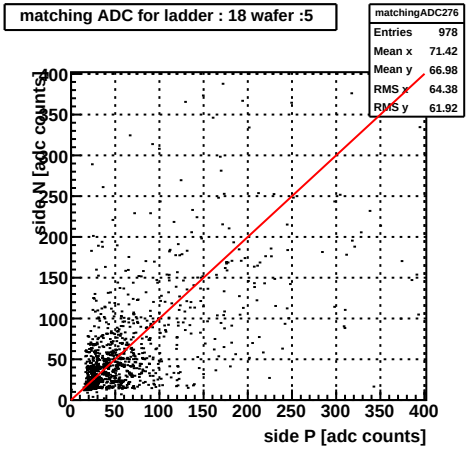

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 844
Mean x 72.44
Mean y 57.25
RMS x 59.21
RMS y 44.16
side N [adc counts]
side P [adc counts]

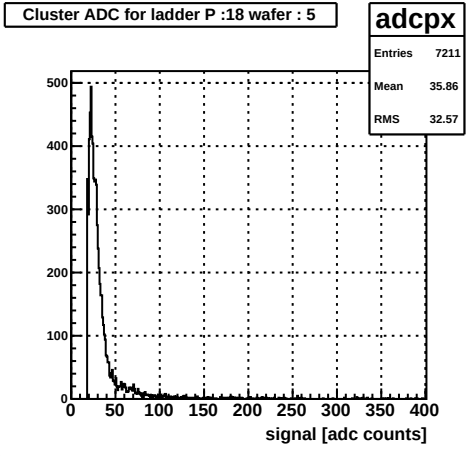

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4253
Mean 44.56
RMS 46.78
signal [adc counts]

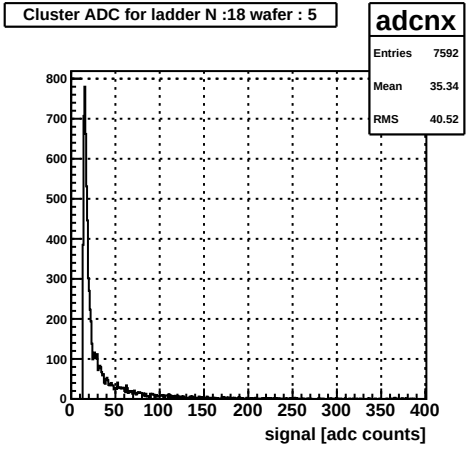

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2686
Mean 49.94
RMS 47.1
signal [adc counts]

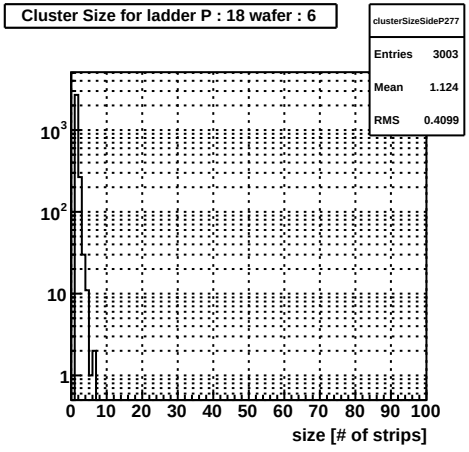

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7211
Mean 1.093
RMS 0.3297
size [# of strips]

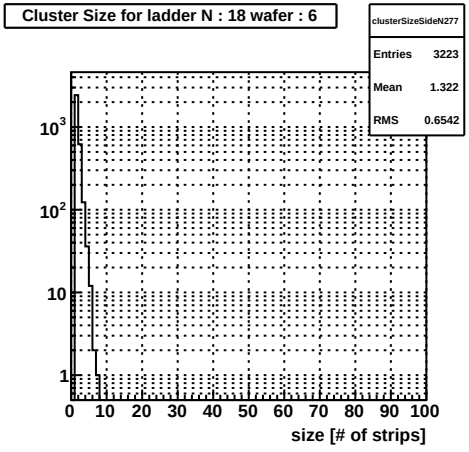

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7592
Mean 1.293
RMS 0.6928
size [# of strips]

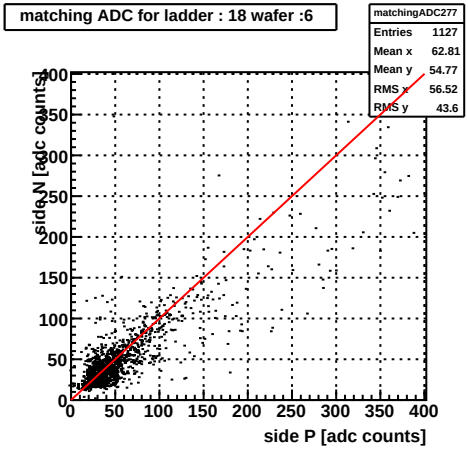

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 978
Mean x 71.42
Mean y 66.98
RMS x 64.38
RMS y 61.92
side N [adc counts]
side P [adc counts]

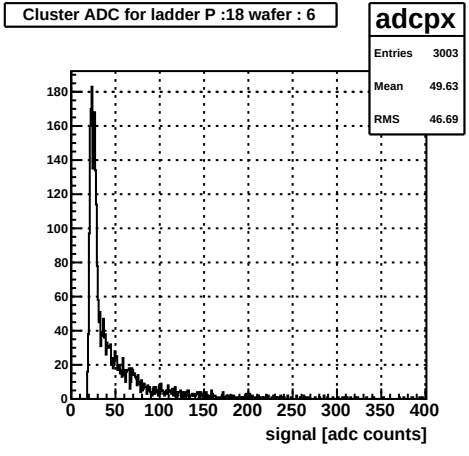

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7211
Mean 35.86
RMS 32.57
signal [adc counts]

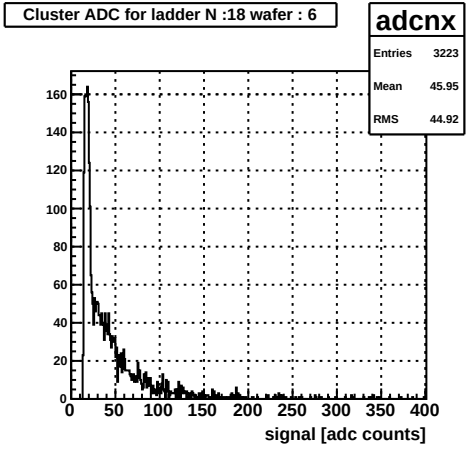

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7592
Mean 35.34
RMS 40.52
signal [adc counts]

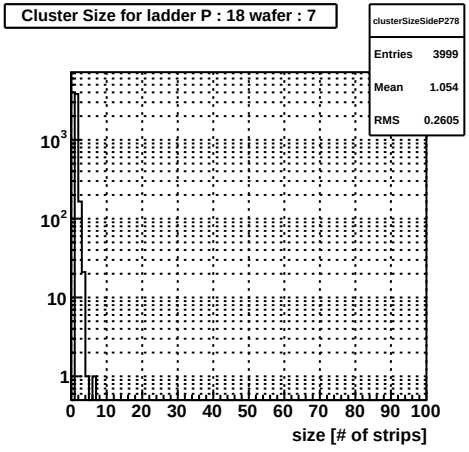

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3003
Mean 1.124
RMS 0.4099
size [# of strips]

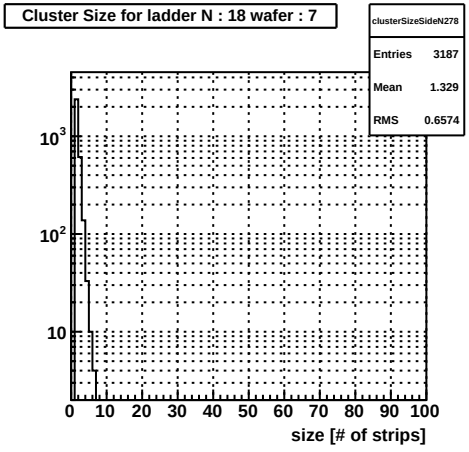

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3223
Mean 1.322
RMS 0.6542
size [# of strips]

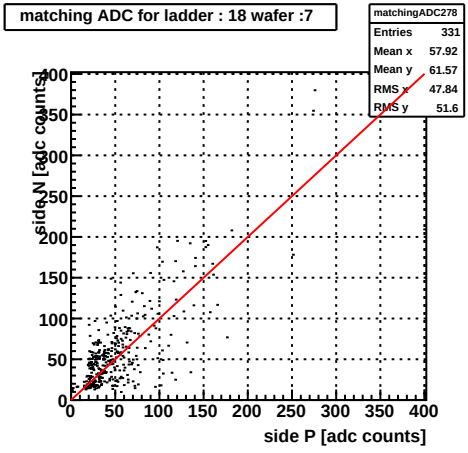

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1127
Mean x 62.81
Mean y 54.77
RMS x 56.52
RMS y 43.6
side N [adc counts]
side P [adc counts]

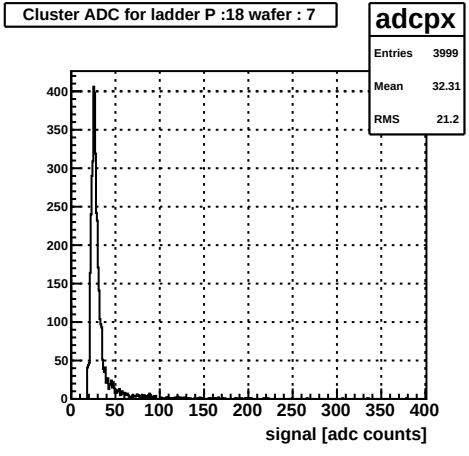

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3003
Mean 49.63
RMS 46.69
signal [adc counts]

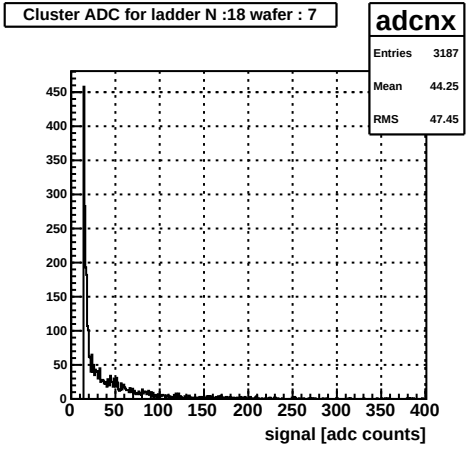

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3223
Mean 45.95
RMS 44.92
signal [adc counts]

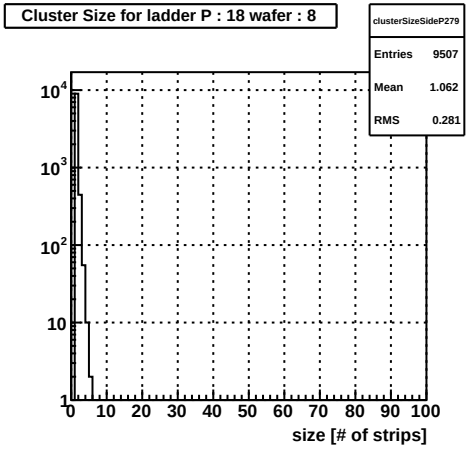

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3999
Mean 1.054
RMS 0.2605
size [# of strips]

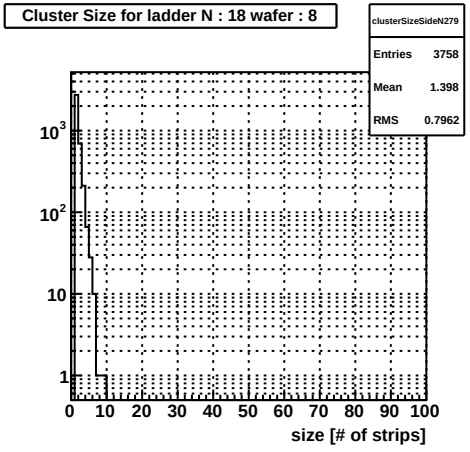

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3187
Mean 1.329
RMS 0.6574
size [# of strips]

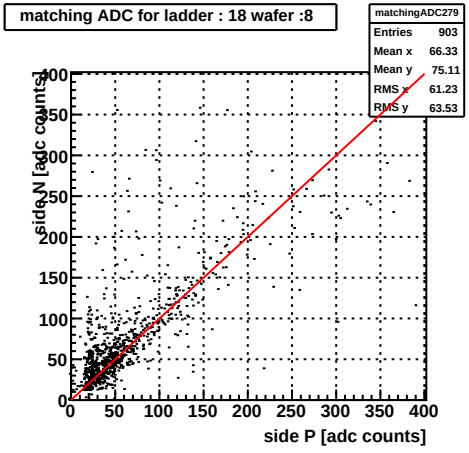

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 331
Mean x 57.92
Mean y 61.57
RMS x 47.84
RMS y 51.6
side N [adc counts]
side P [adc counts]

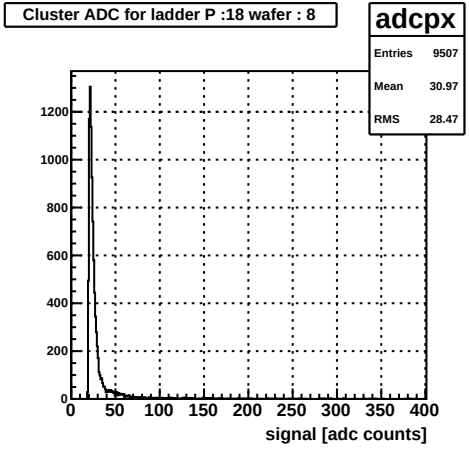

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3999
Mean 32.31
RMS 21.2
signal [adc counts]

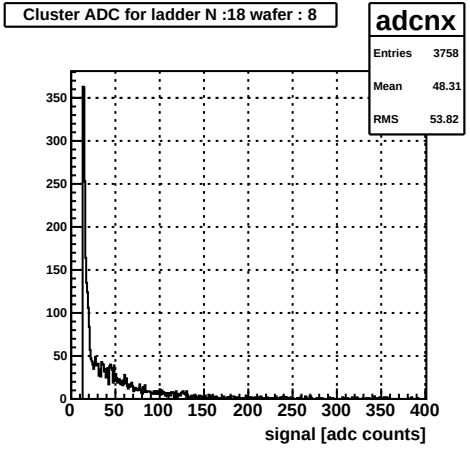

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3187
Mean 44.25
RMS 47.45
signal [adc counts]

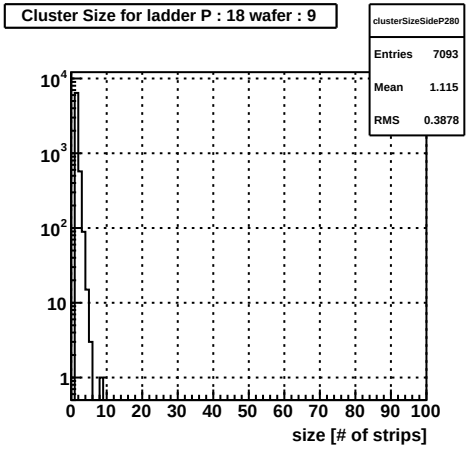

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 9507
Mean 1.062
RMS 0.281
size [# of strips]

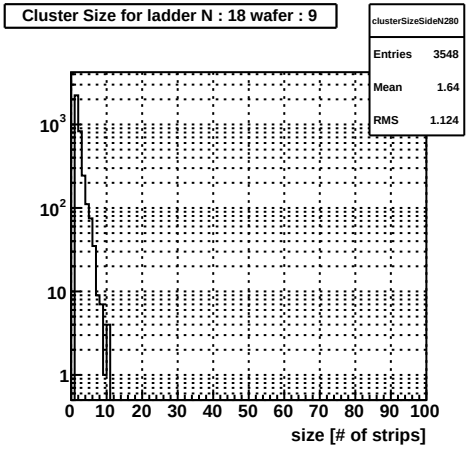

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3758
Mean 1.398
RMS 0.7962
size [# of strips]

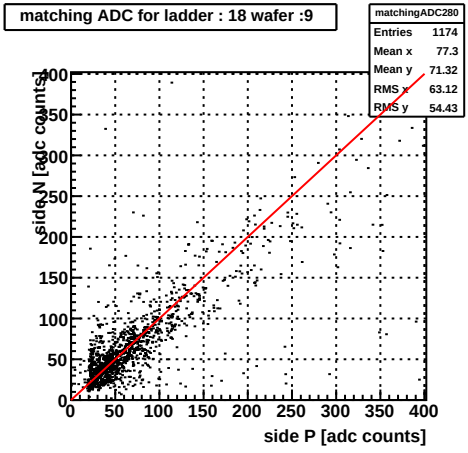

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 903
Mean x 66.33
Mean y 75.11
RMS x 61.23
RMS y 63.53
side N [adc counts]
side P [adc counts]

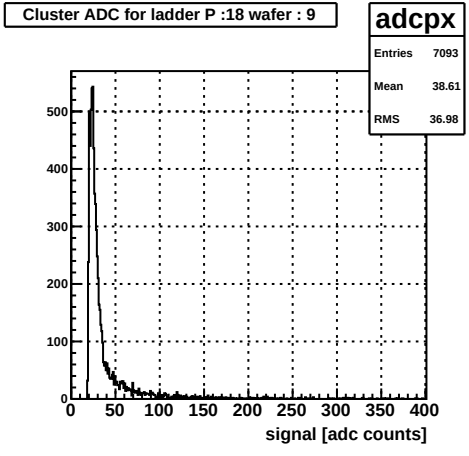

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 9507
Mean 30.97
RMS 28.47
signal [adc counts]

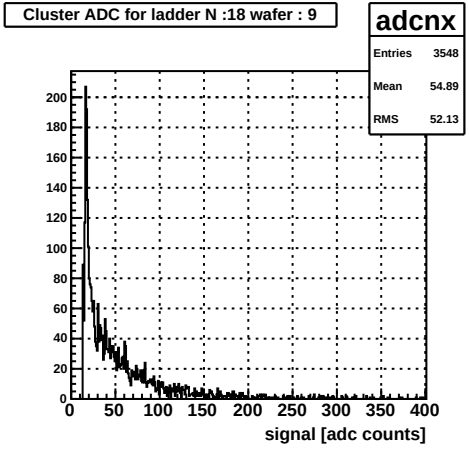

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3758
Mean 48.31
RMS 53.82
signal [adc counts]

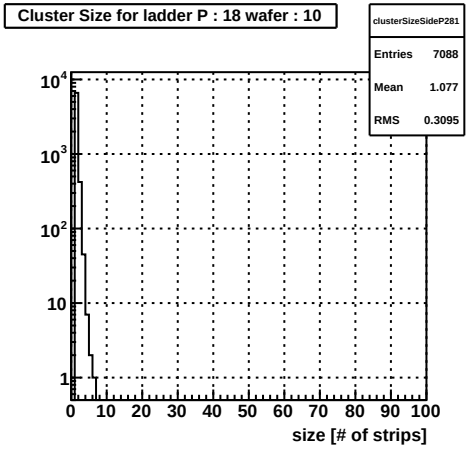

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7093
Mean 1.115
RMS 0.3878
size [# of strips]

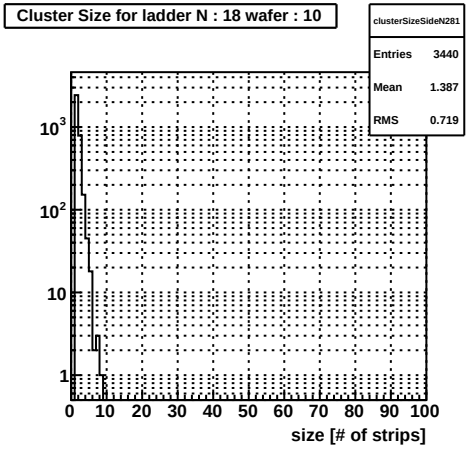

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3548
Mean 1.64
RMS 1.124
size [# of strips]

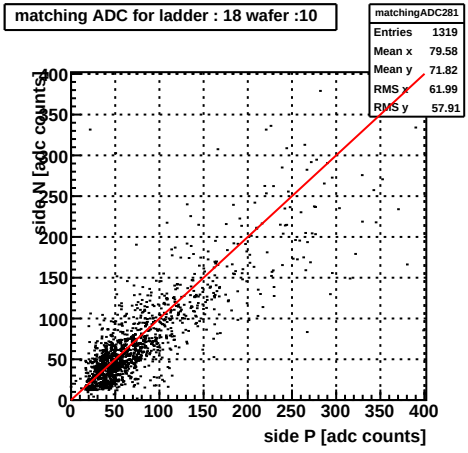

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1174
Mean x 77.3
Mean y 71.32
RMS x 63.12
RMS y 54.43
side N [adc counts]
side P [adc counts]

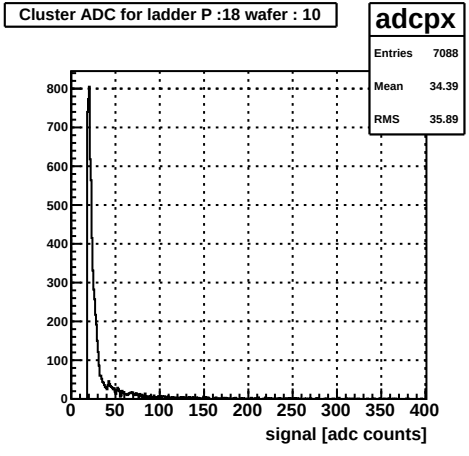

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7093
Mean 38.61
RMS 36.98
signal [adc counts]

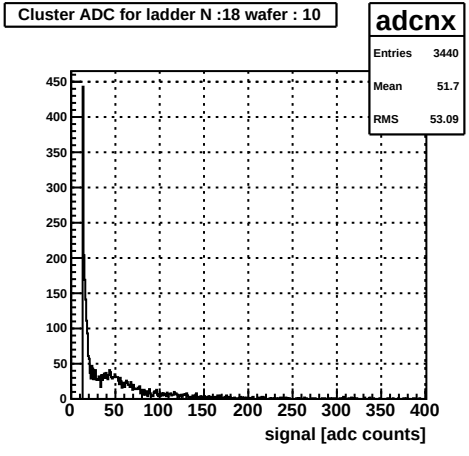

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3548
Mean 54.89
RMS 52.13
signal [adc counts]

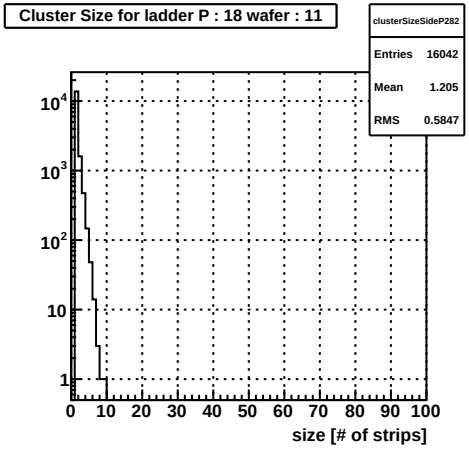

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7088
Mean 1.077
RMS 0.3095
size [# of strips]

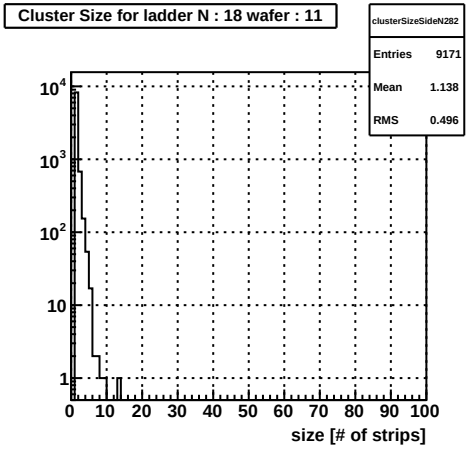

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3440
Mean 1.387
RMS 0.719
size [# of strips]

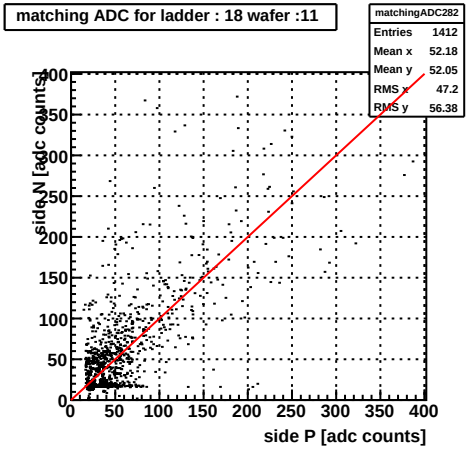

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1319
Mean x 79.58
Mean y 71.82
RMS x 61.99
RMS y 57.91
side N [adc counts]
side P [adc counts]

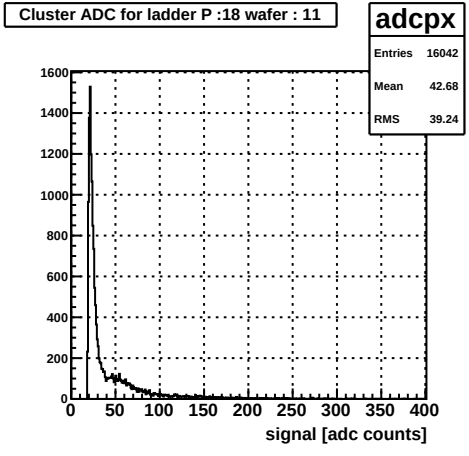

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7088
Mean 34.39
RMS 35.89
signal [adc counts]

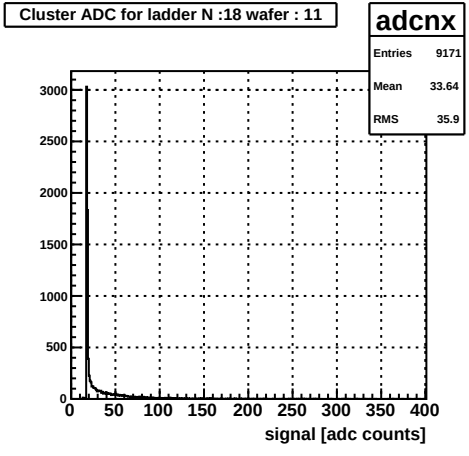

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3440
Mean 51.7
RMS 53.09
signal [adc counts]

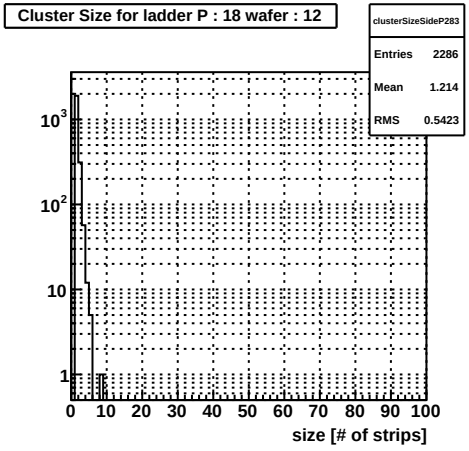

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 16042
Mean 1.205
RMS 0.5847
size [# of strips]

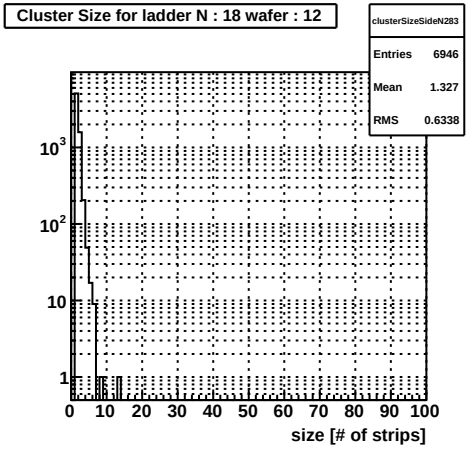

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9171
Mean 1.138
RMS 0.496
size [# of strips]

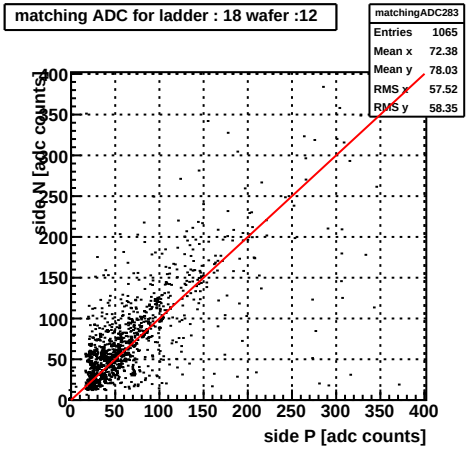

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1412
Mean x 52.18
Mean y 52.05
RMS x 47.2
RMS y 56.38
side N [adc counts]
side P [adc counts]

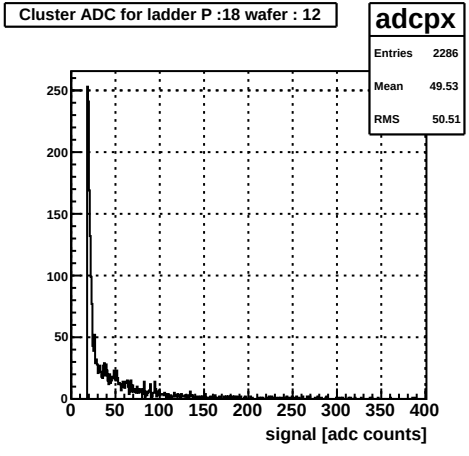

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 16042
Mean 42.68
RMS 39.24
signal [adc counts]

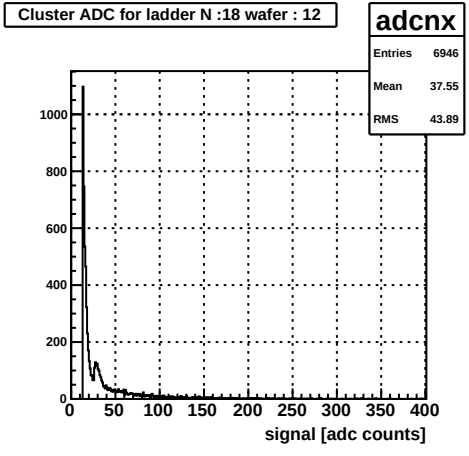

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9171
Mean 33.64
RMS 35.9
signal [adc counts]

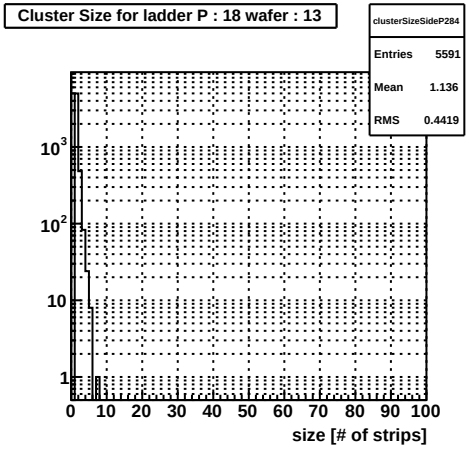

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2286
Mean 1.214
RMS 0.5423
size [# of strips]

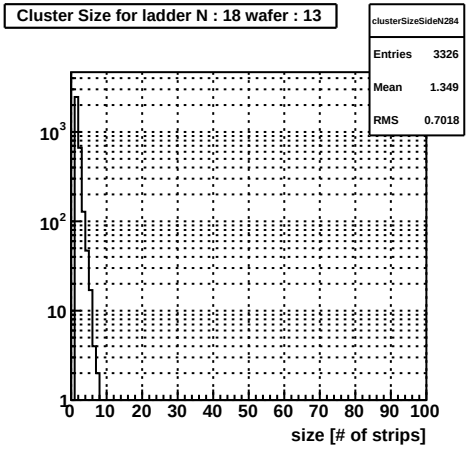

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6946
Mean 1.327
RMS 0.6338
size [# of strips]

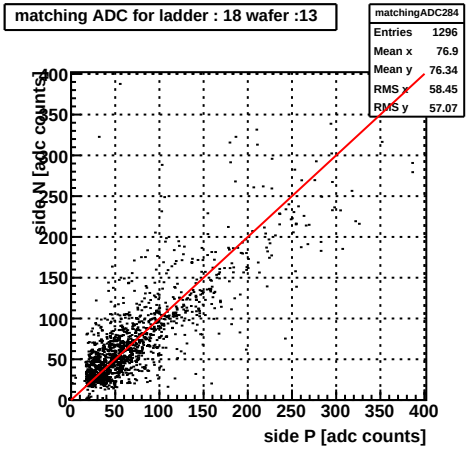

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1065
Mean x 72.38
Mean y 78.03
RMS x 57.52
RMS y 58.35
side N [adc counts]
side P [adc counts]

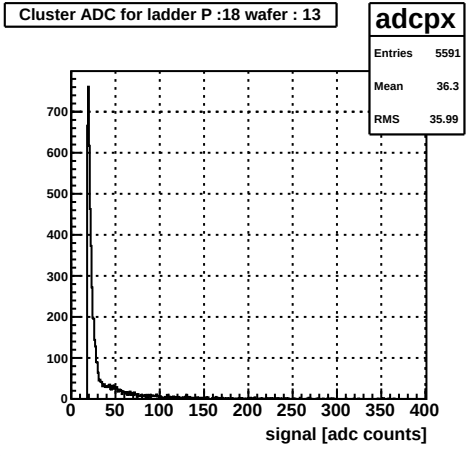

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2286
Mean 49.53
RMS 50.51
signal [adc counts]

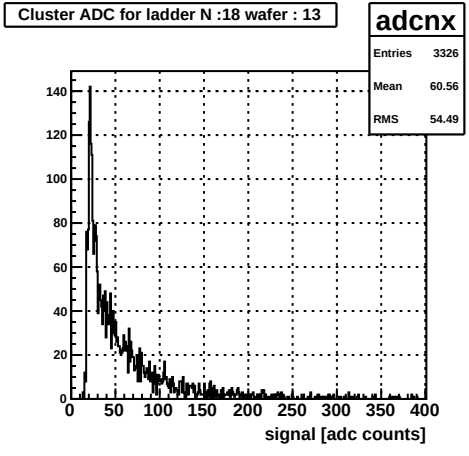

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6946
Mean 37.55
RMS 43.89
signal [adc counts]

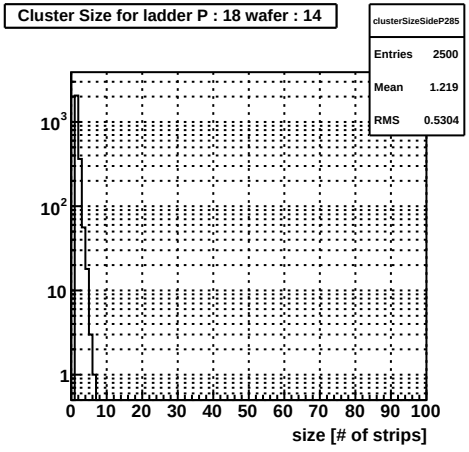

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5591
Mean 1.136
RMS 0.4419
size [# of strips]

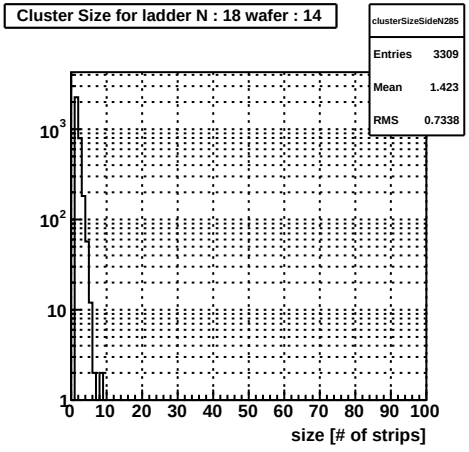

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3326
Mean 1.349
RMS 0.7018
size [# of strips]

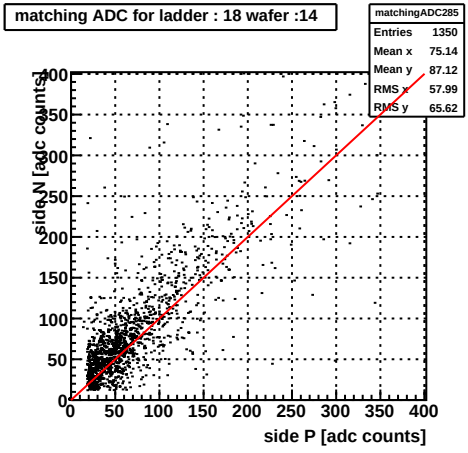

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1296
Mean x 76.9
Mean y 76.34
RMS x 58.45
RMS y 57.07
side N [adc counts]
side P [adc counts]

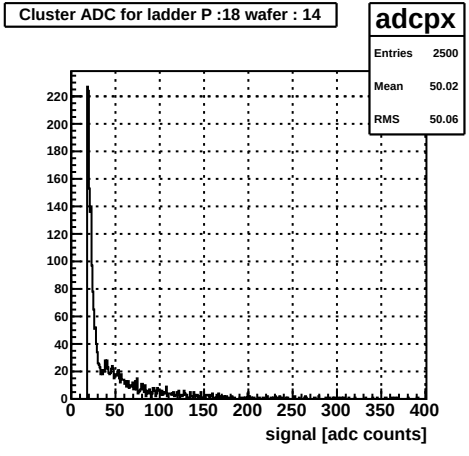

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5591
Mean 36.3
RMS 35.99
signal [adc counts]

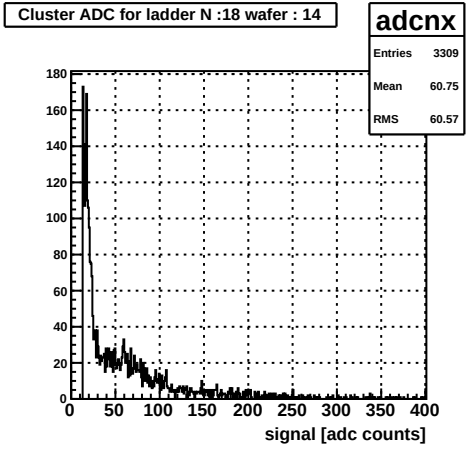

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3326
Mean 60.56
RMS 54.49
signal [adc counts]

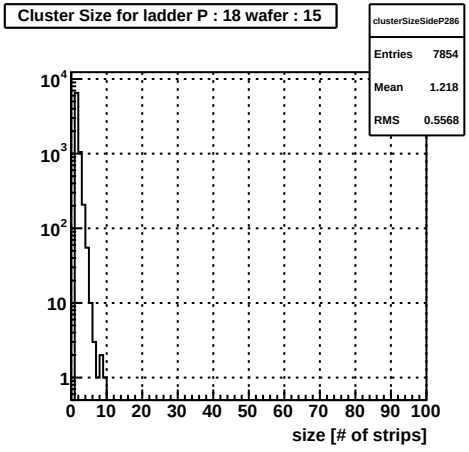

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2500
Mean 1.219
RMS 0.5304
size [# of strips]

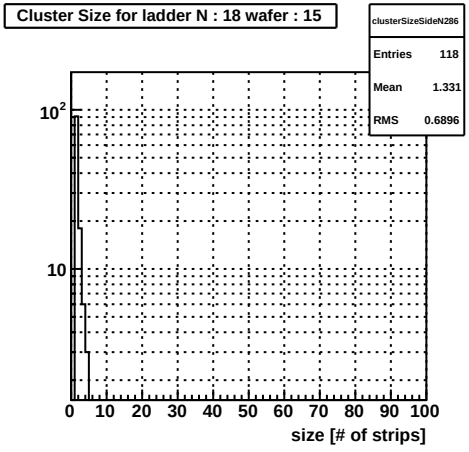

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3309
Mean 1.423
RMS 0.7338
size [# of strips]

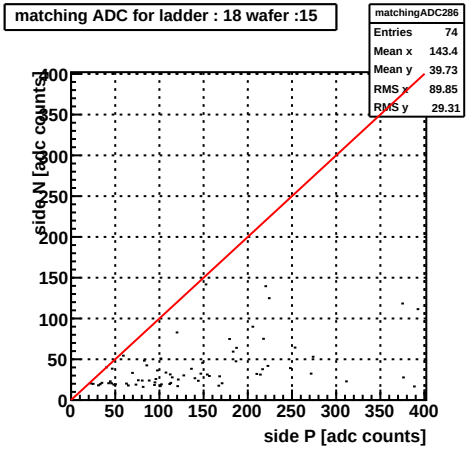

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1350
Mean x 75.14
Mean y 87.12
RMS x 57.99
RMS y 65.62
side N [adc counts]
side P [adc counts]

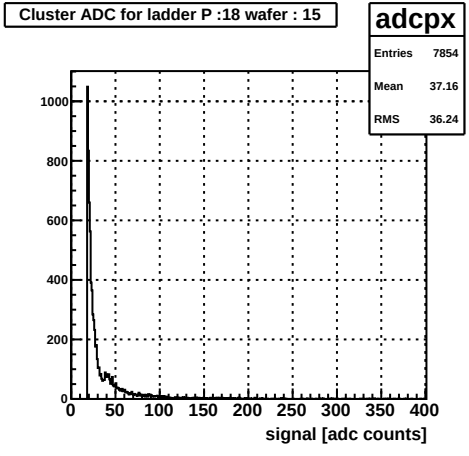

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2500
Mean 50.02
RMS 50.06
signal [adc counts]

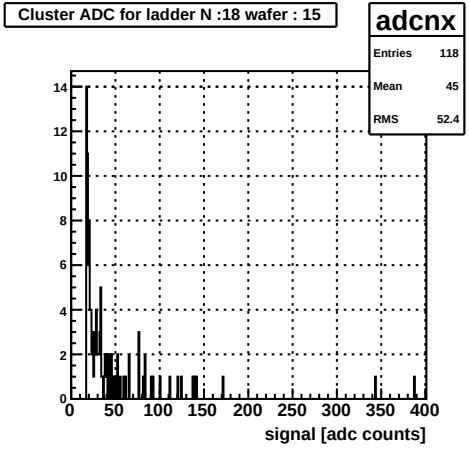

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3309
Mean 60.75
RMS 60.57
signal [adc counts]

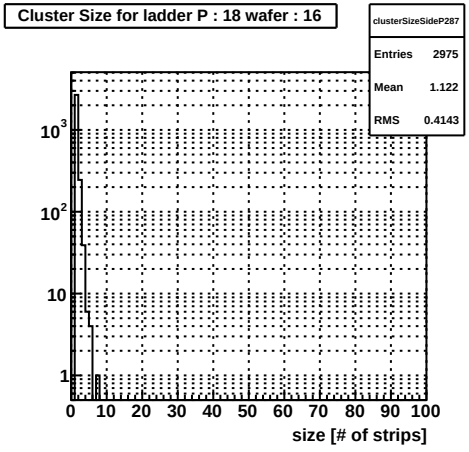

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7854
Mean 1.218
RMS 0.5568
size [# of strips]

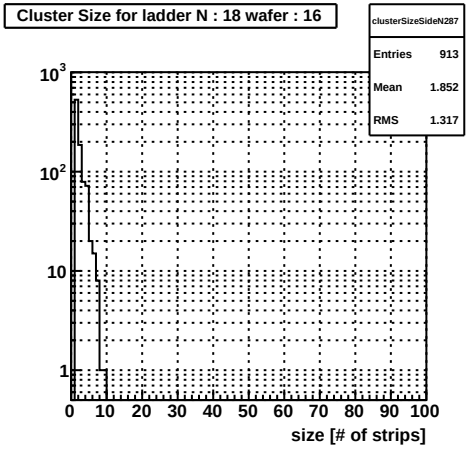

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 118
Mean 1.331
RMS 0.6896
size [# of strips]

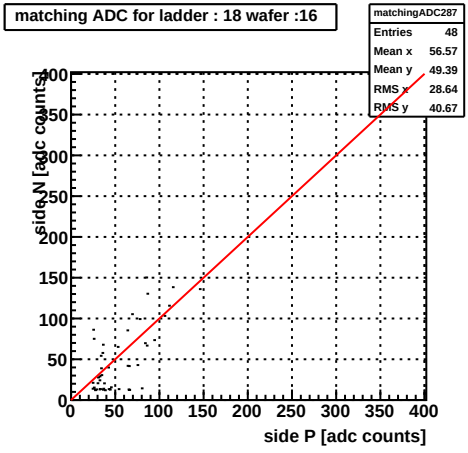

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 74
Mean x 143.4
Mean y 39.73
RMS x 89.85
RMS y 29.31
side N [adc counts]
side P [adc counts]

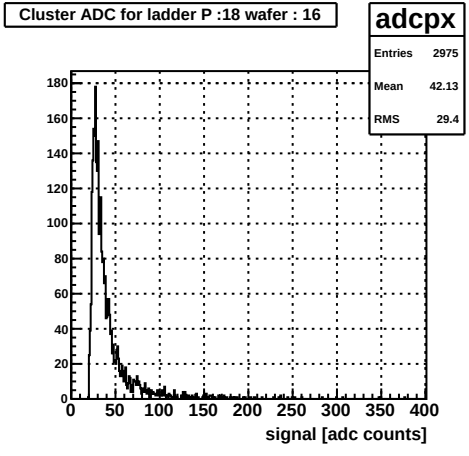

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7854
Mean 37.16
RMS 36.24
signal [adc counts]

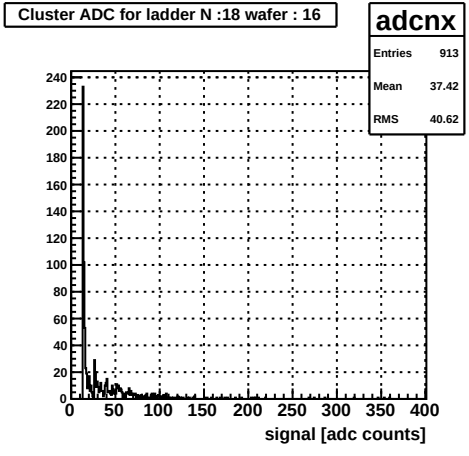

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 118
Mean 45
RMS 52.4
signal [adc counts]

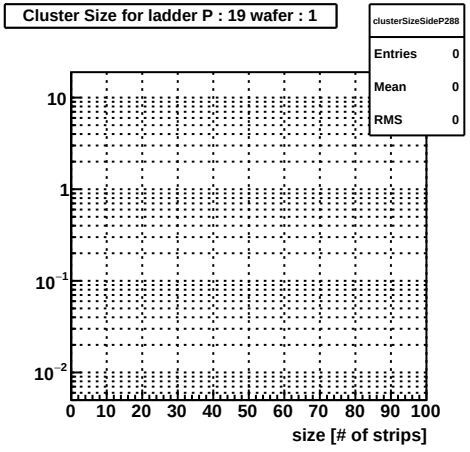

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2975
Mean 1.122
RMS 0.4143
size [# of strips]

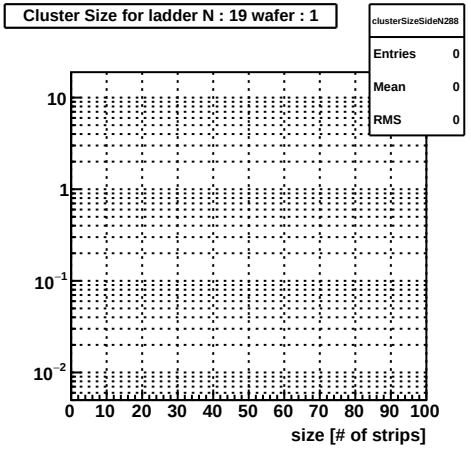

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 913
Mean 1.852
RMS 1.317
size [# of strips]

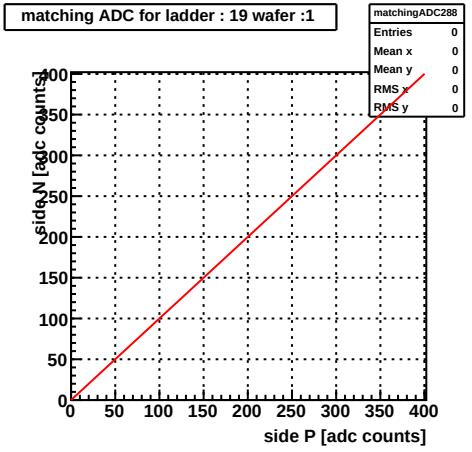

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 48
Mean x 56.57
Mean y 49.39
RMS x 28.64
RMS y 40.67
side N [adc counts]
side P [adc counts]

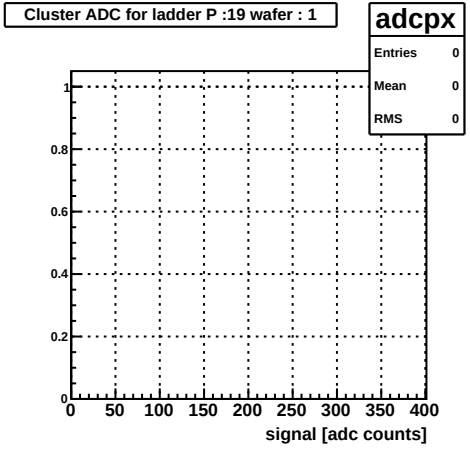

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2975
Mean 42.13
RMS 29.4
signal [adc counts]

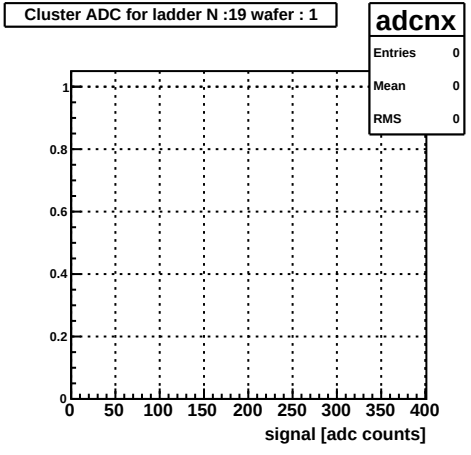

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 913
Mean 37.42
RMS 40.62
signal [adc counts]

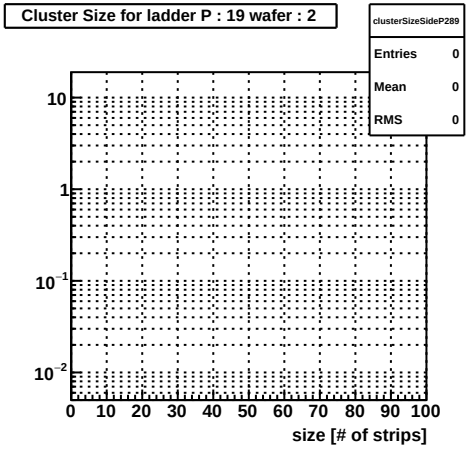

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

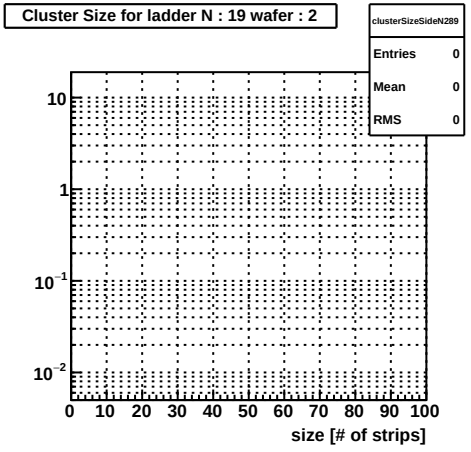

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

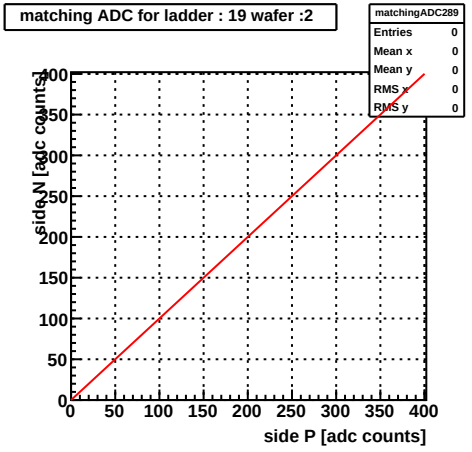

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

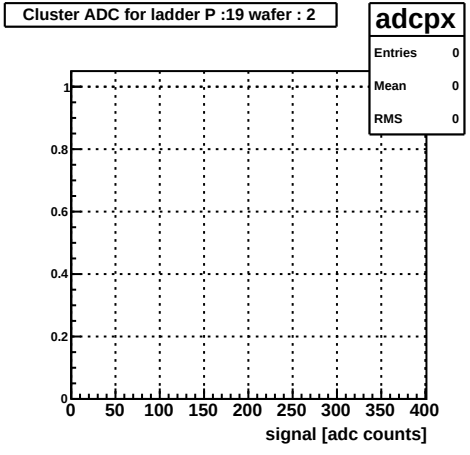

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

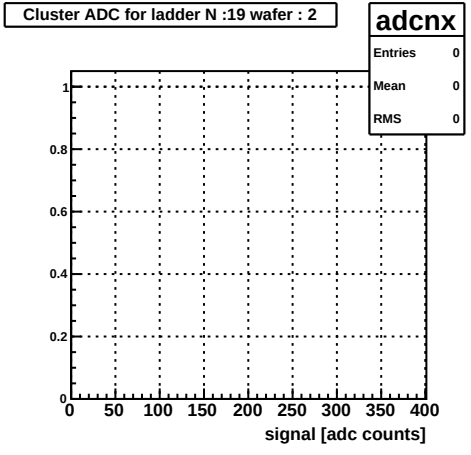

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

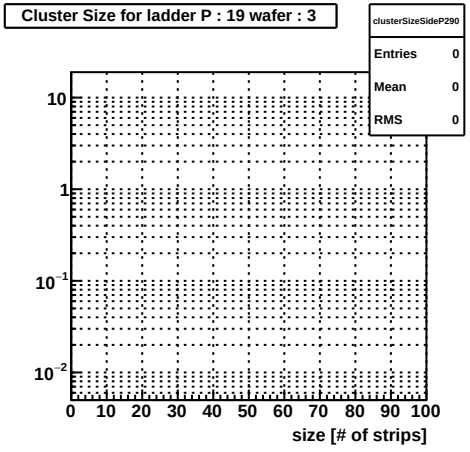

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

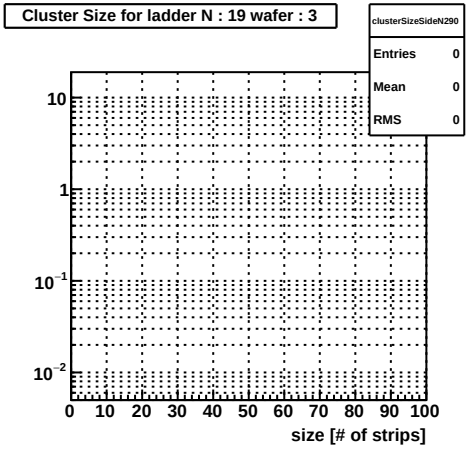

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

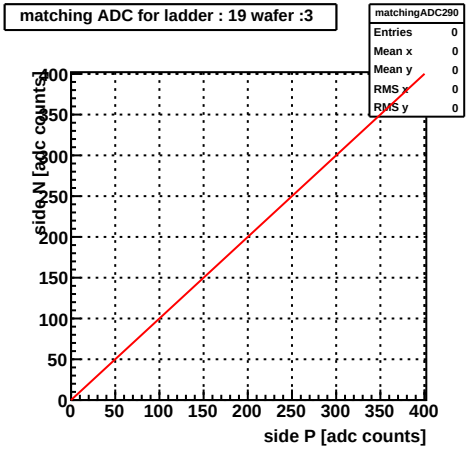

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

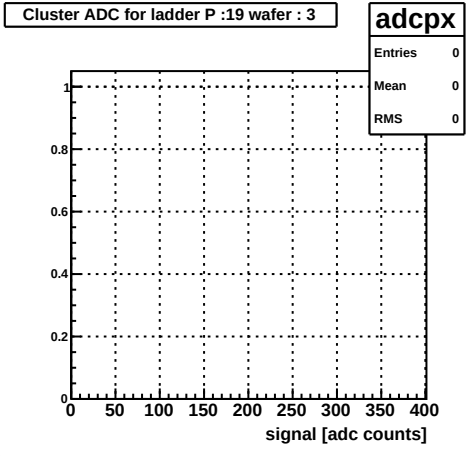

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

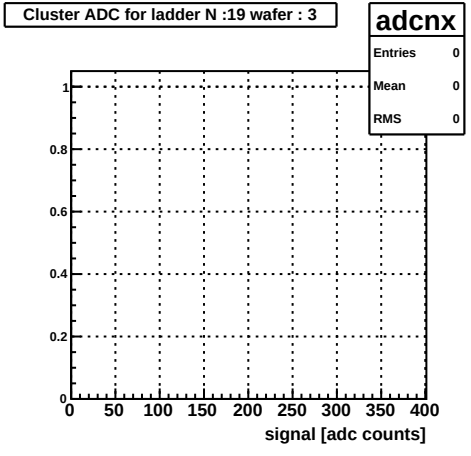

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

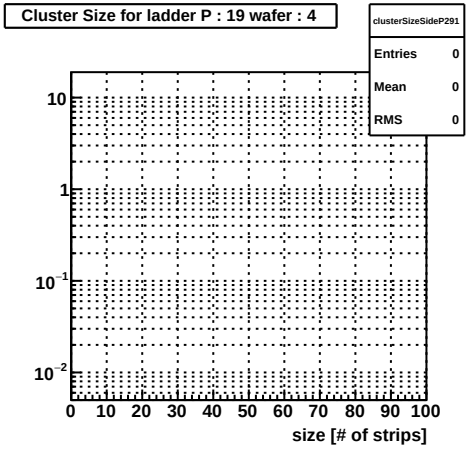

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

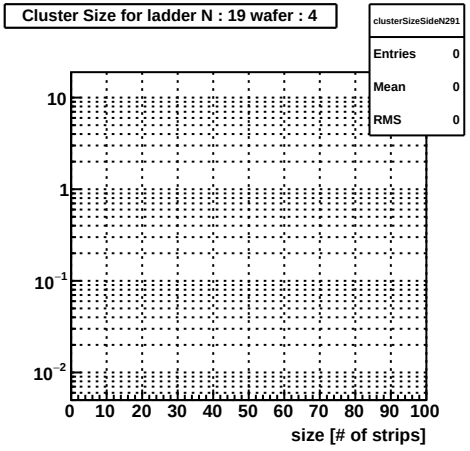

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

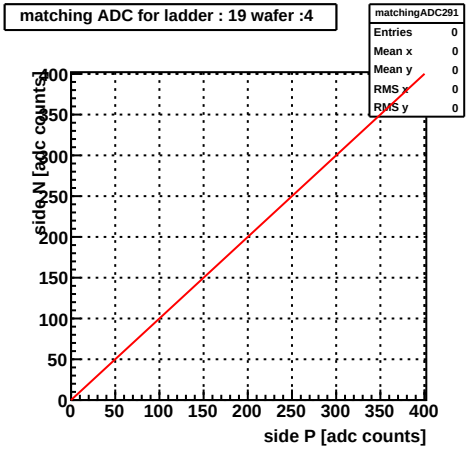

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

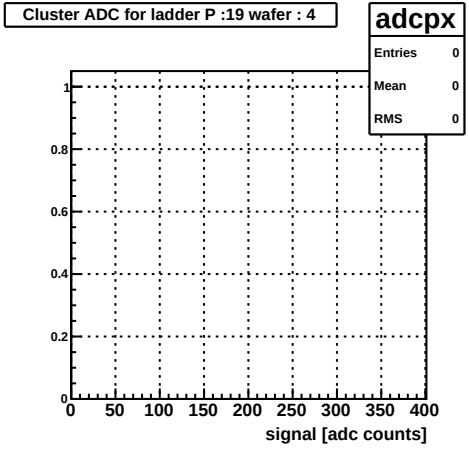

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

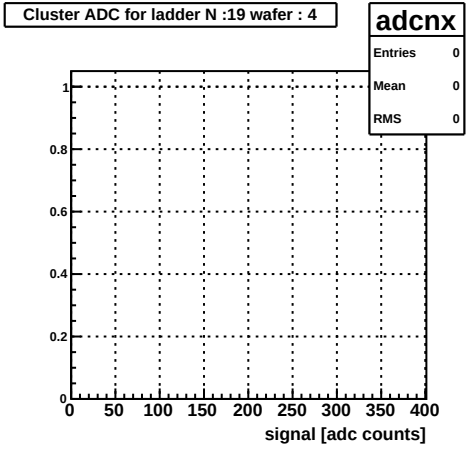

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

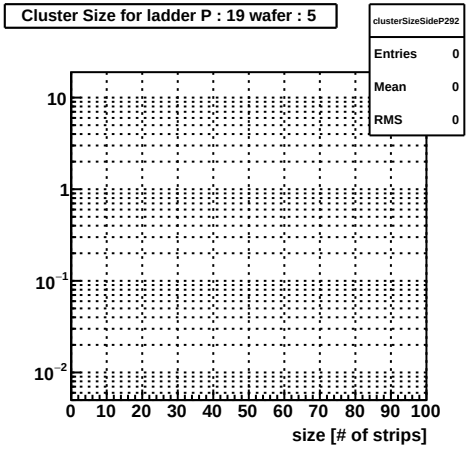

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

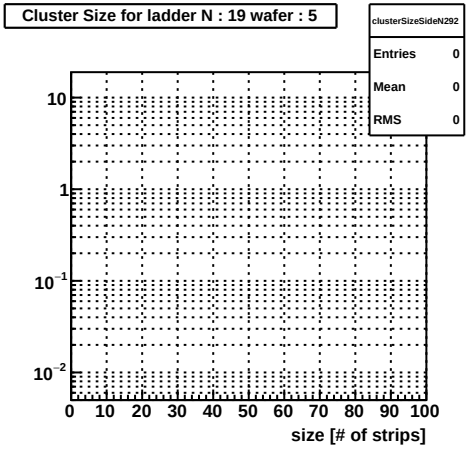

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

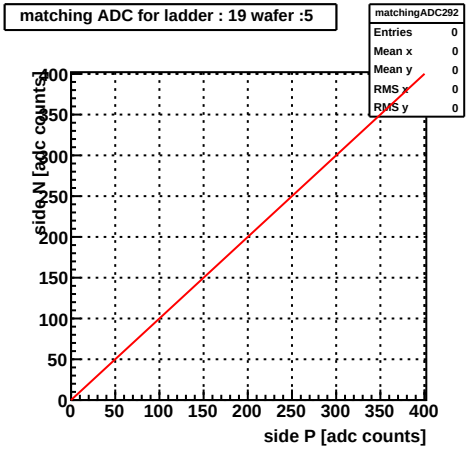

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

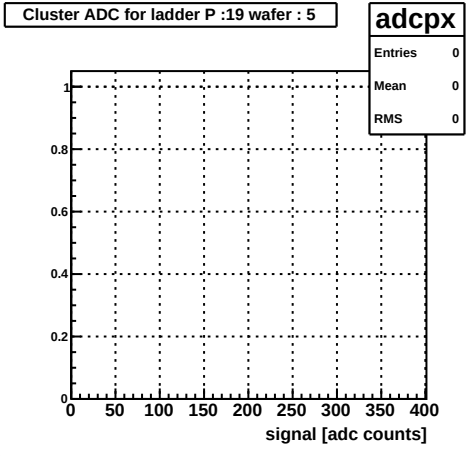

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

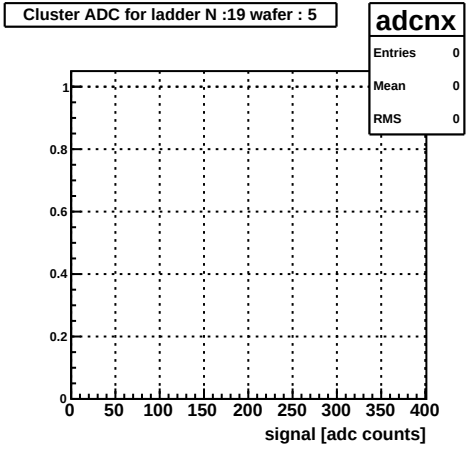

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

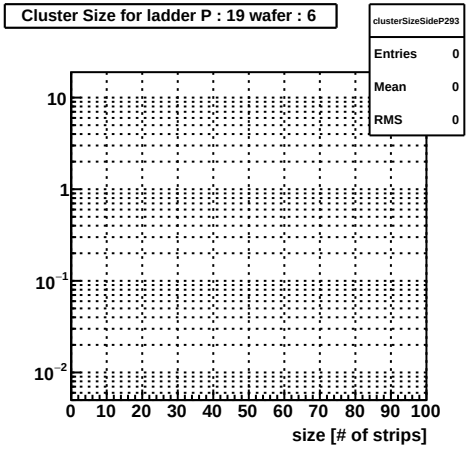

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

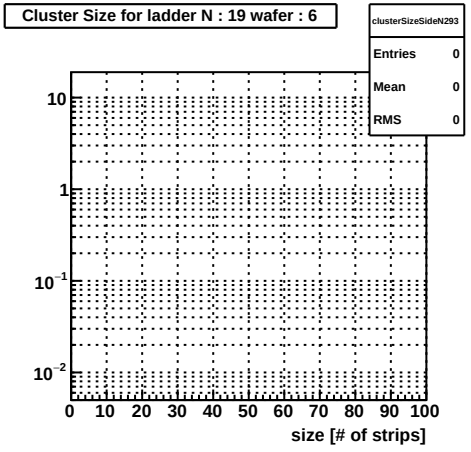

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

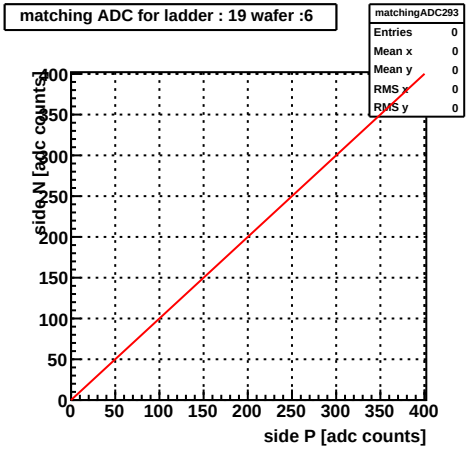

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

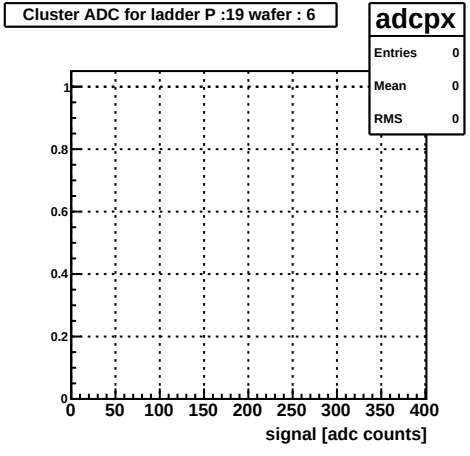

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

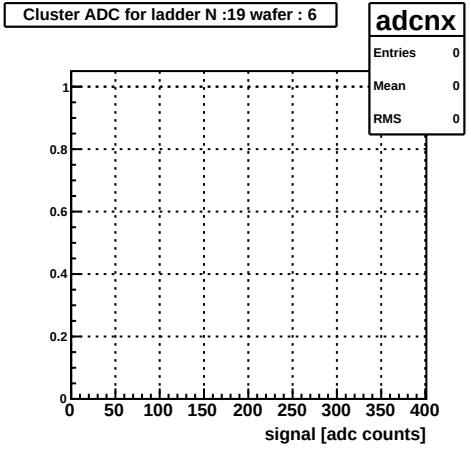

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

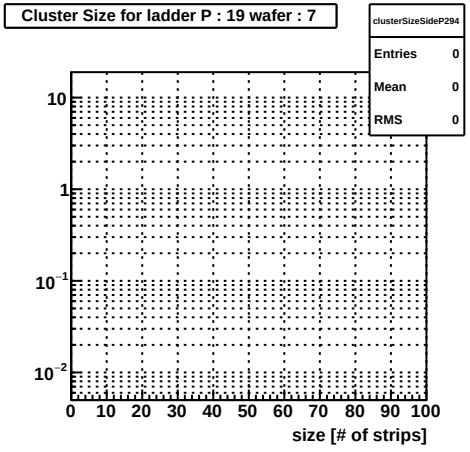

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

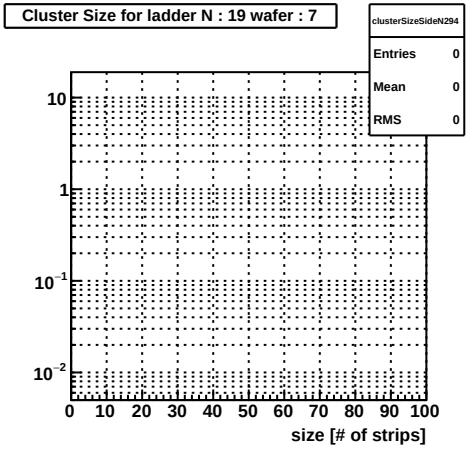

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

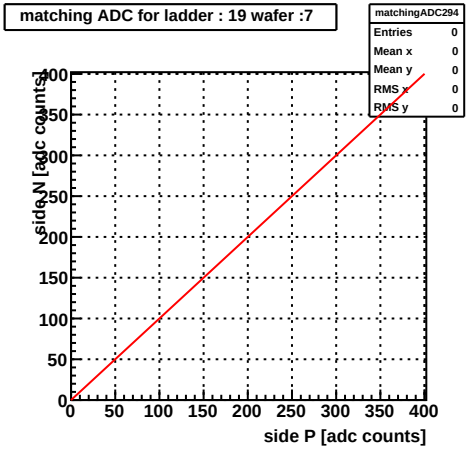

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

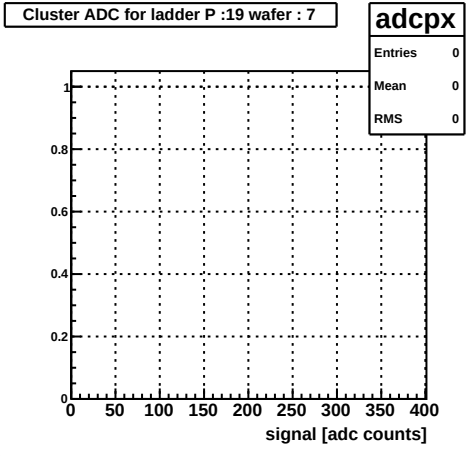

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

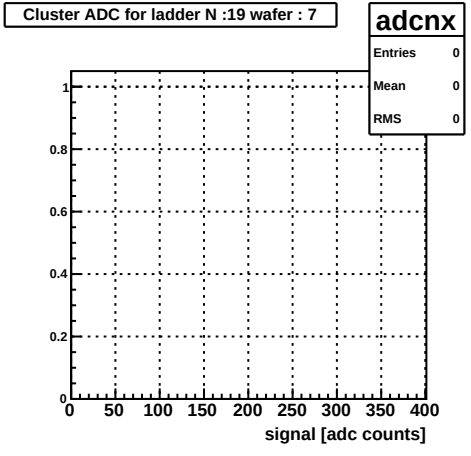

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

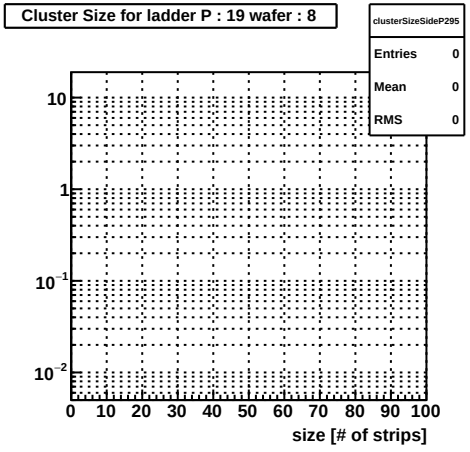

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

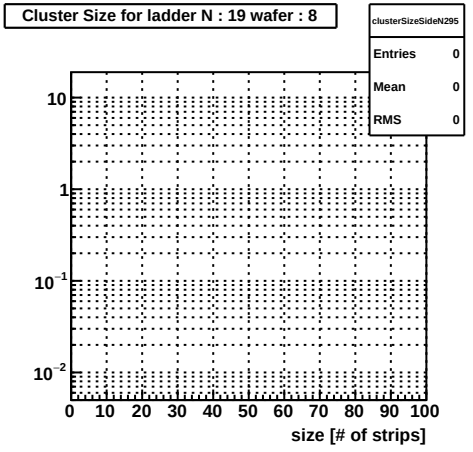

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

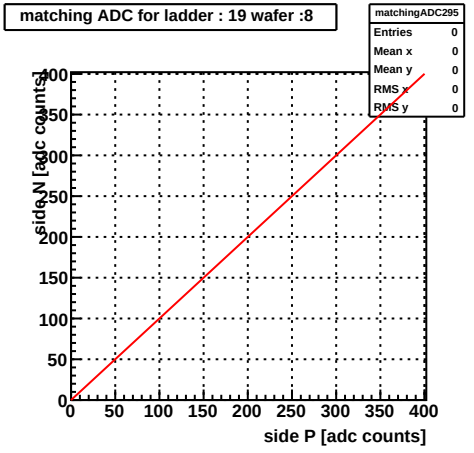

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

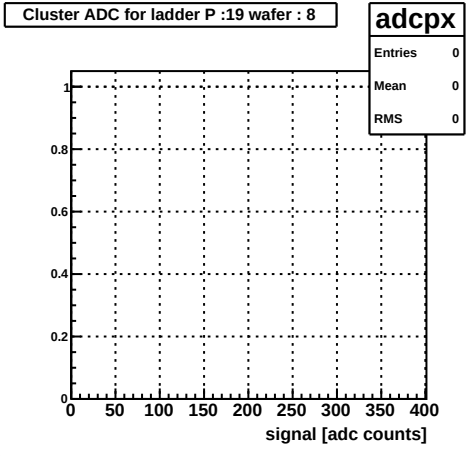

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

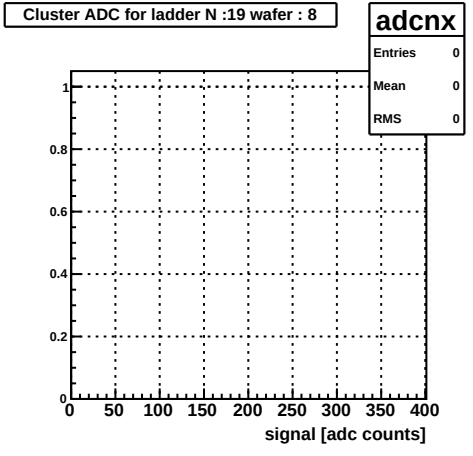

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

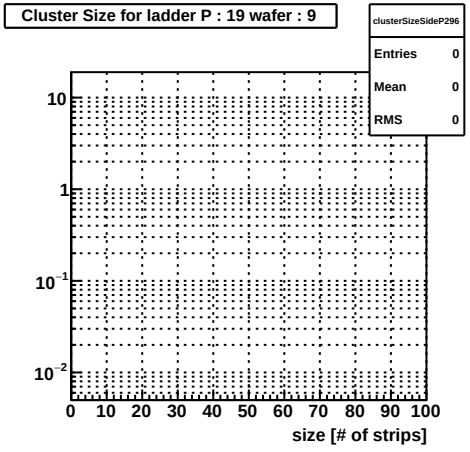

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

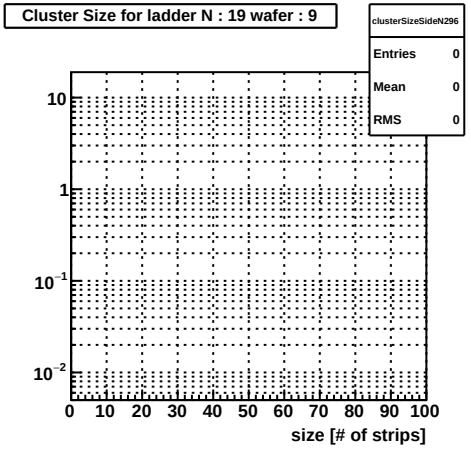

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

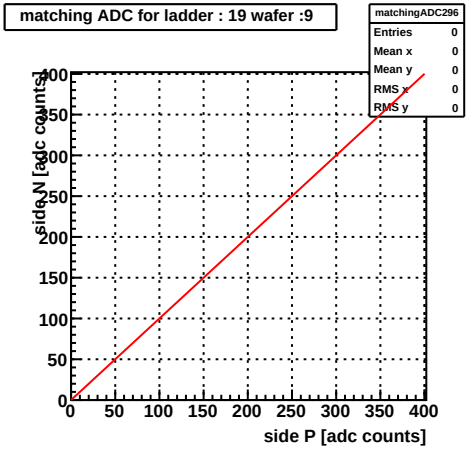

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

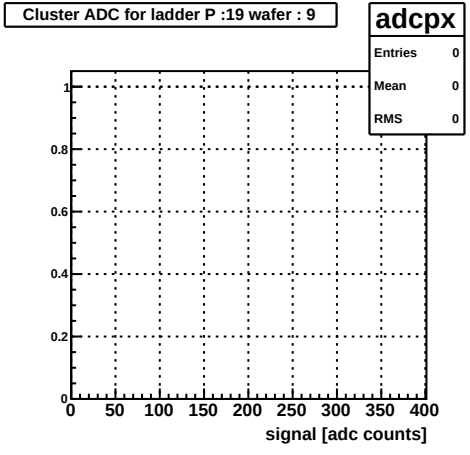

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

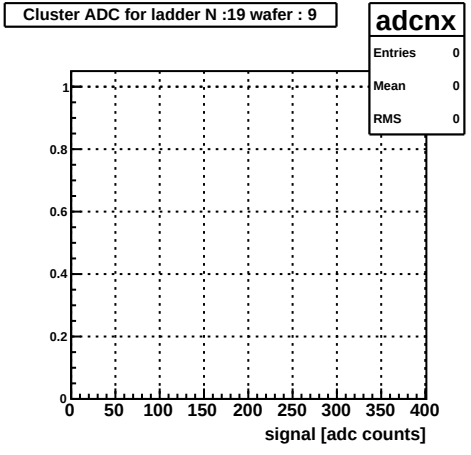

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

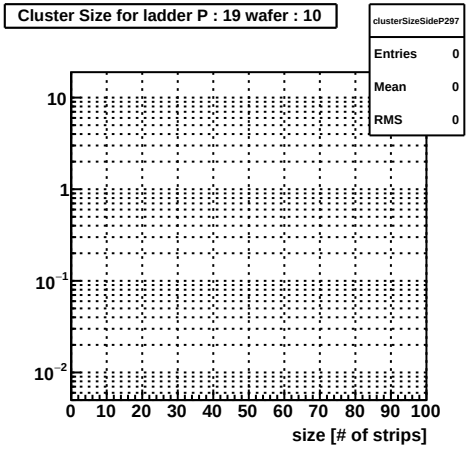

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

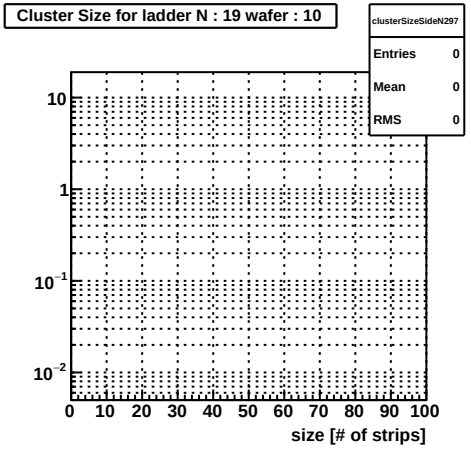

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

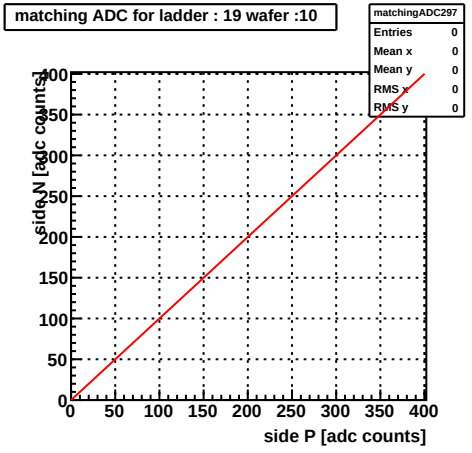

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

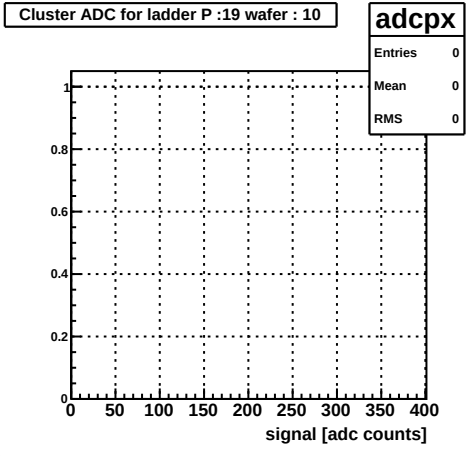

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

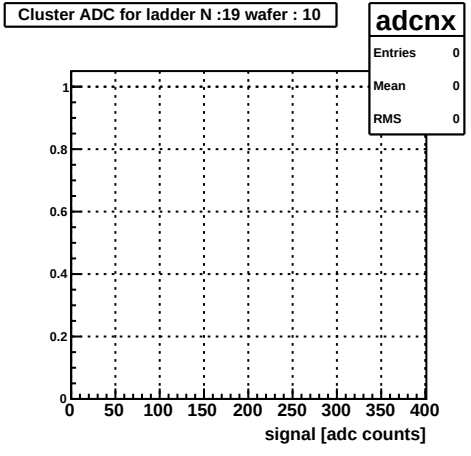

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

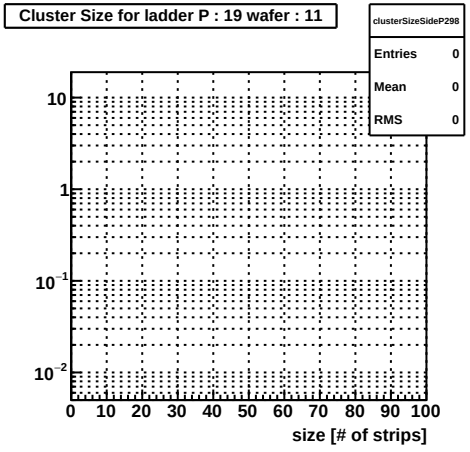

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

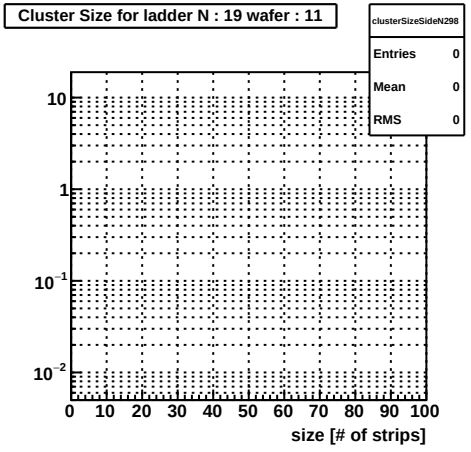

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

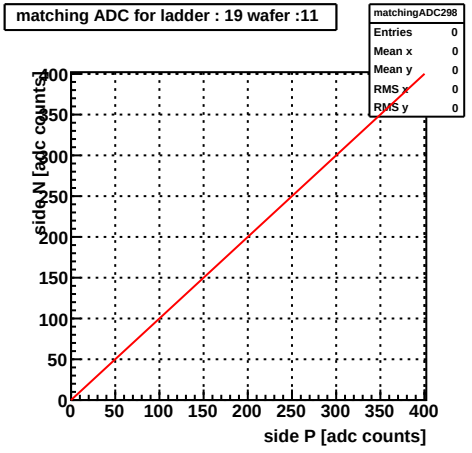

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

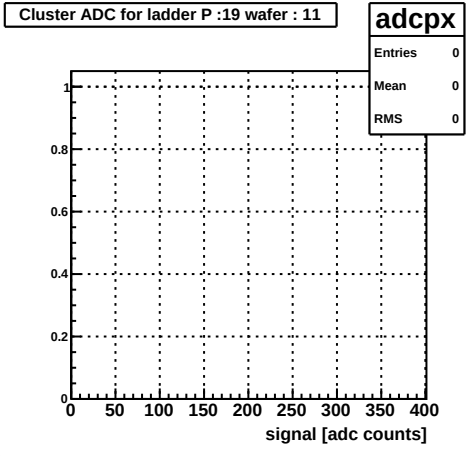

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

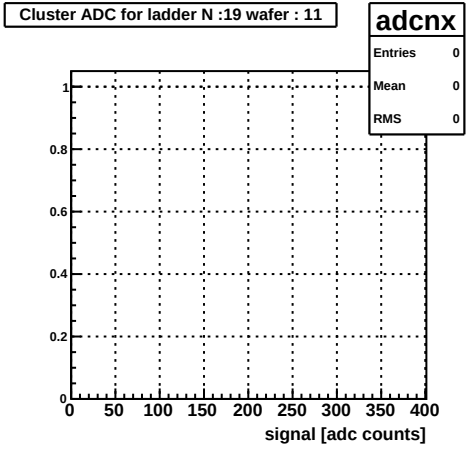

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

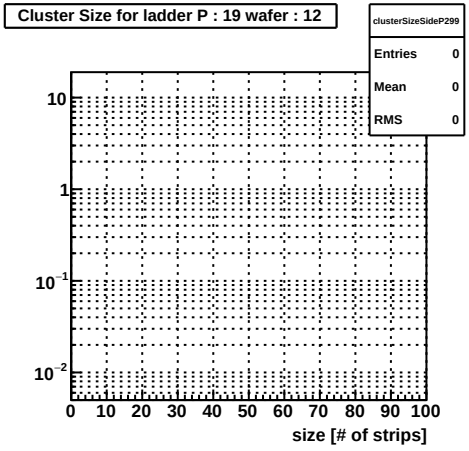

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

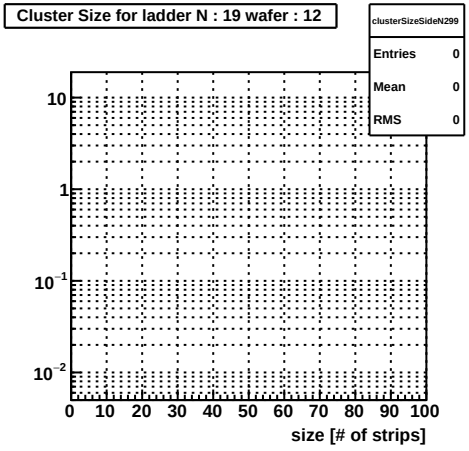

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

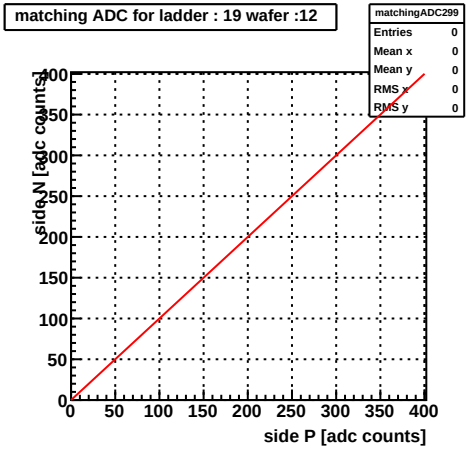

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

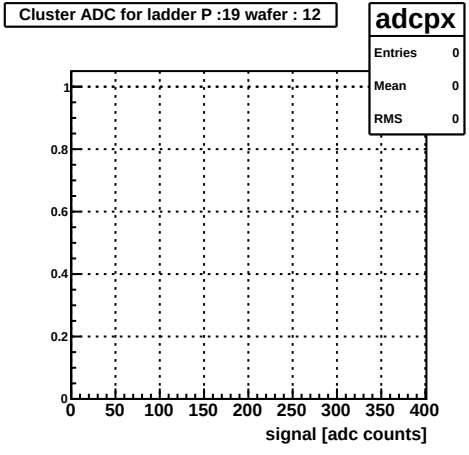

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

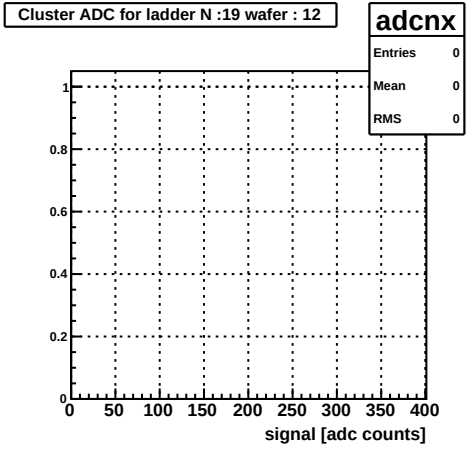

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

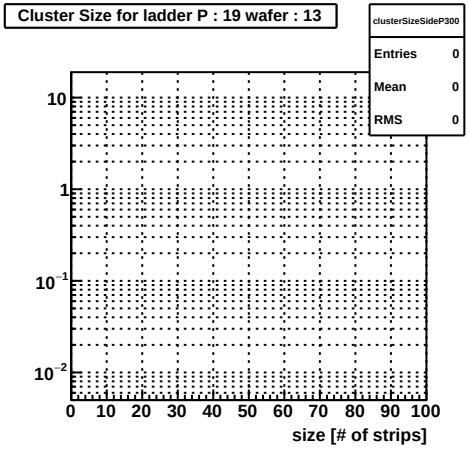

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

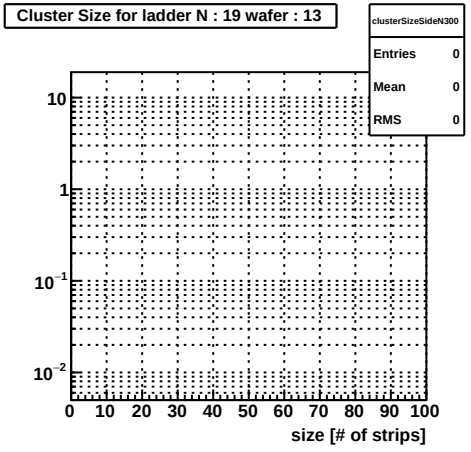

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

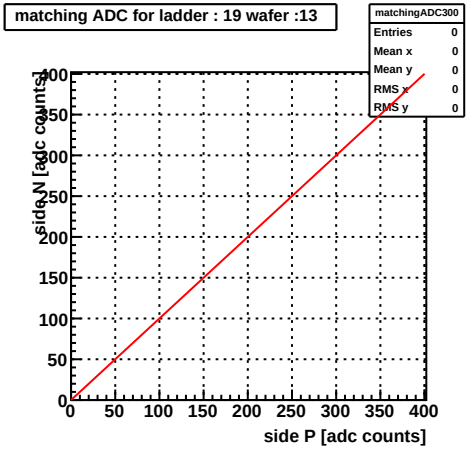

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

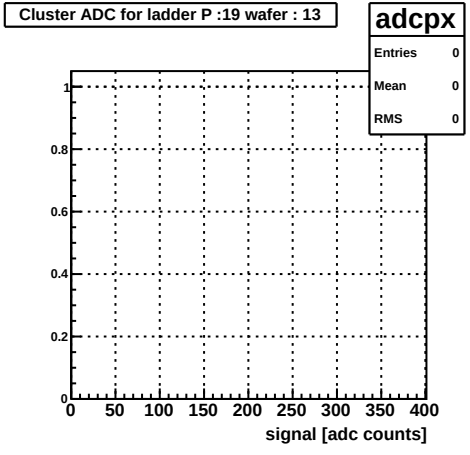

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

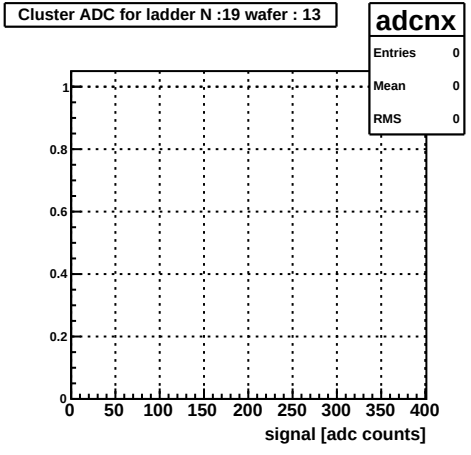

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

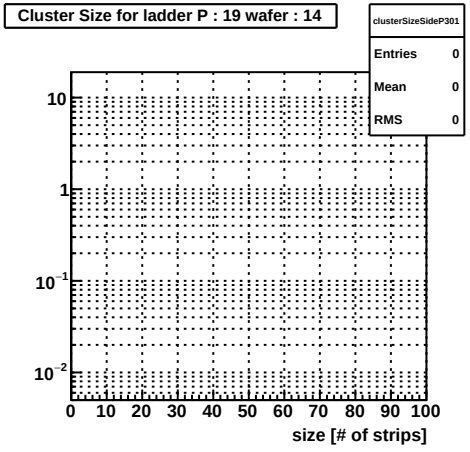

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

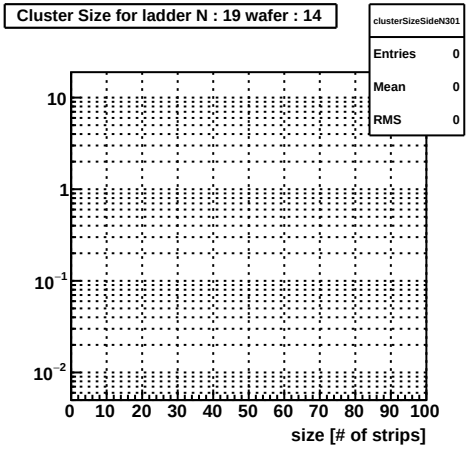

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

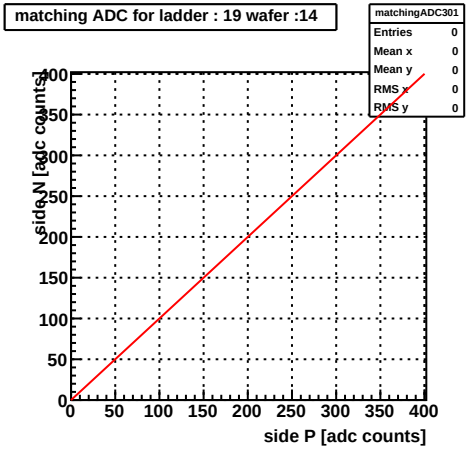

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

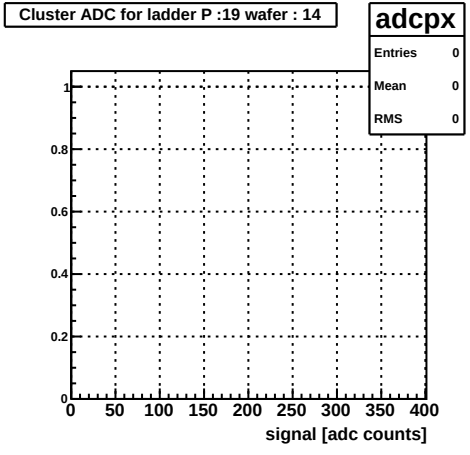

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

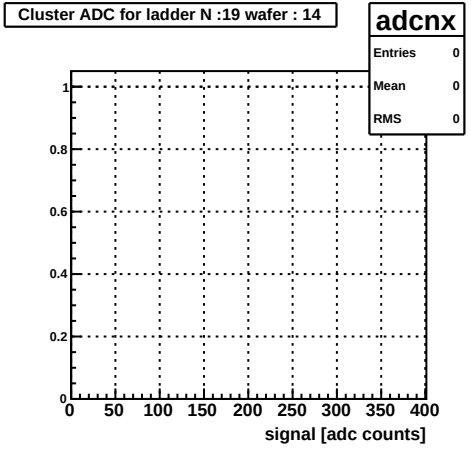

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

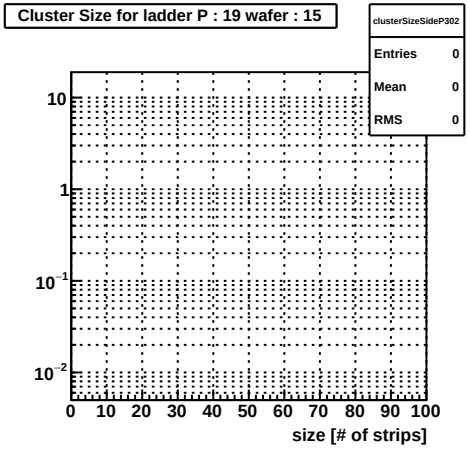

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

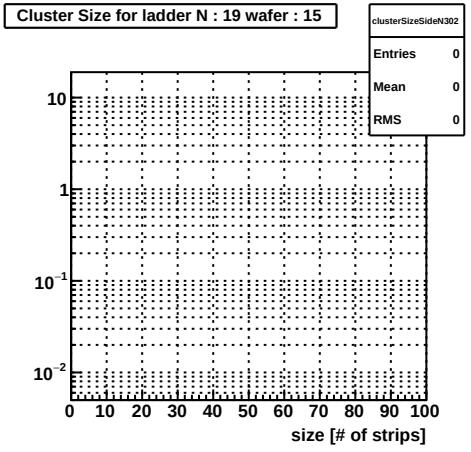

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

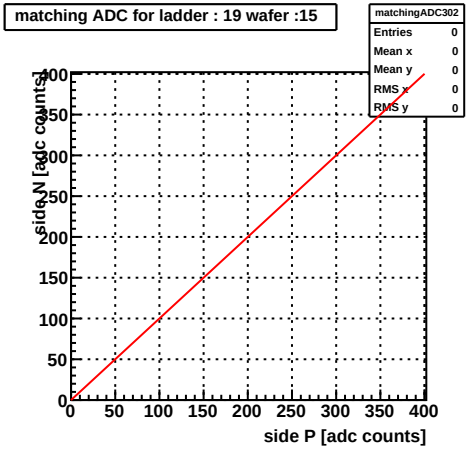

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

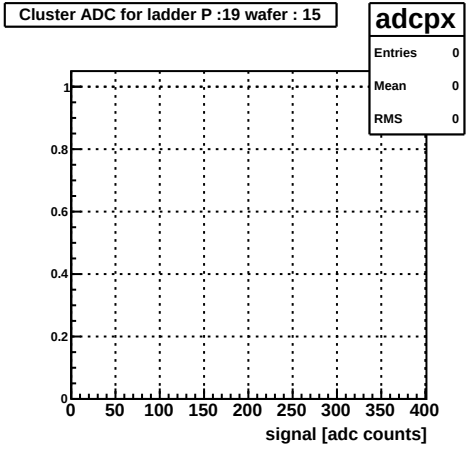

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

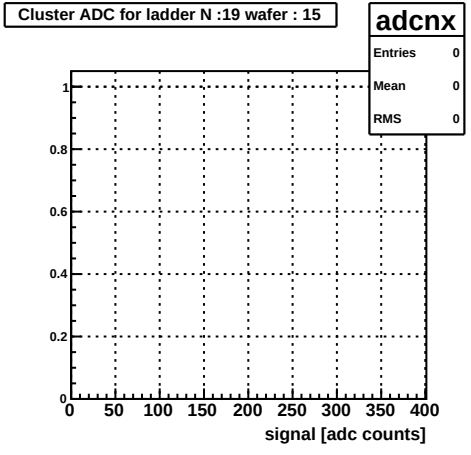

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

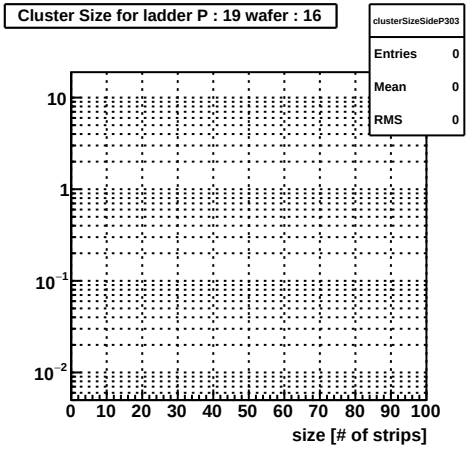

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

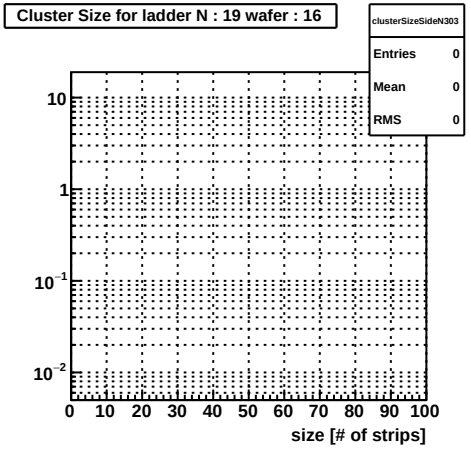

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

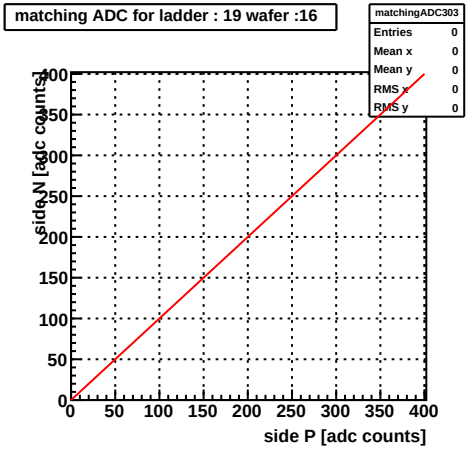

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

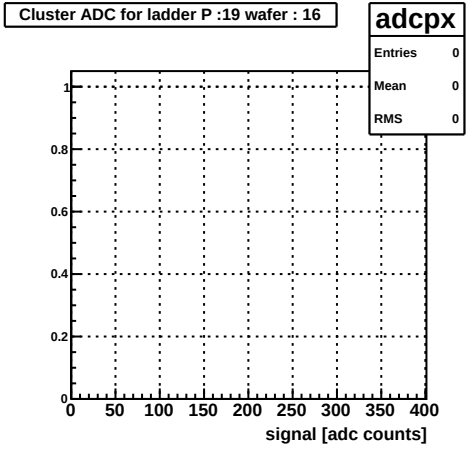

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

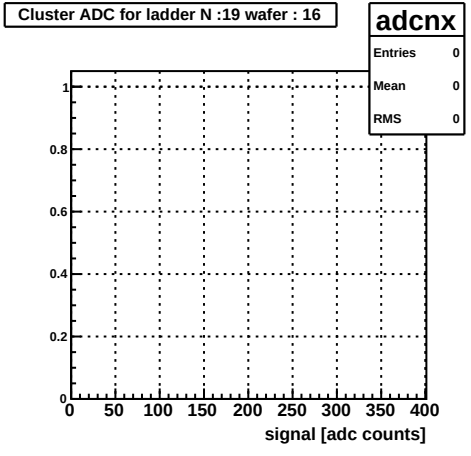

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

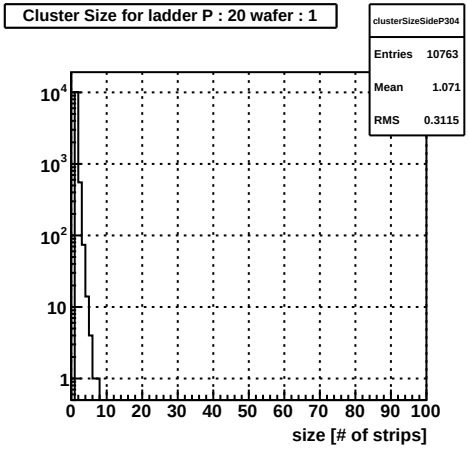

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

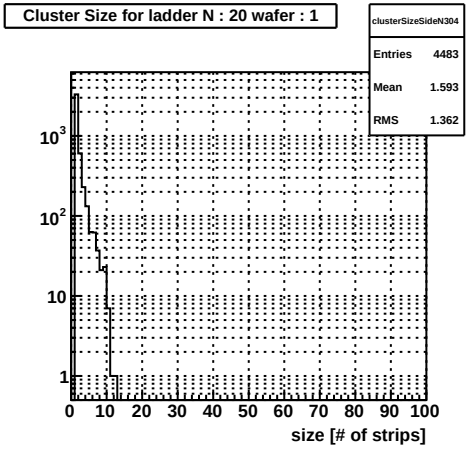

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

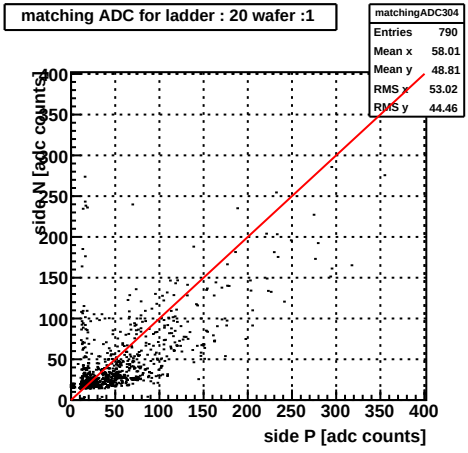

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

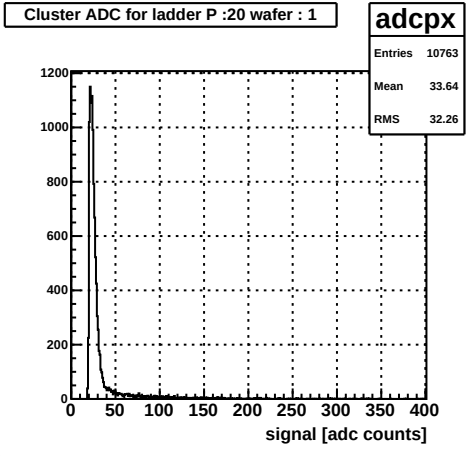

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

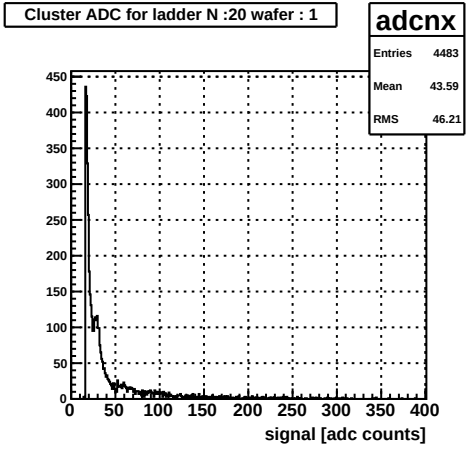

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

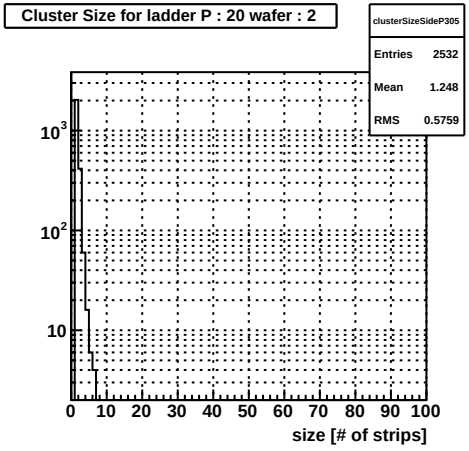

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 10763
Mean 1.071
RMS 0.3115
size [# of strips]

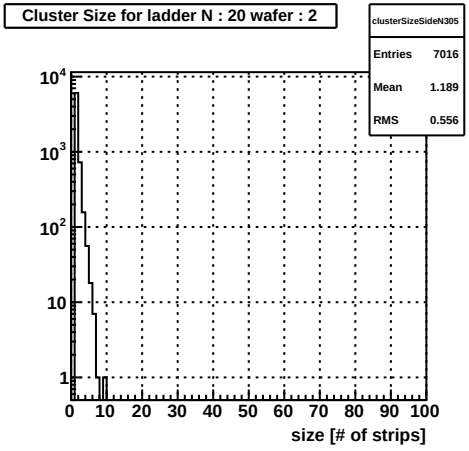

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4483
Mean 1.593
RMS 1.362
size [# of strips]

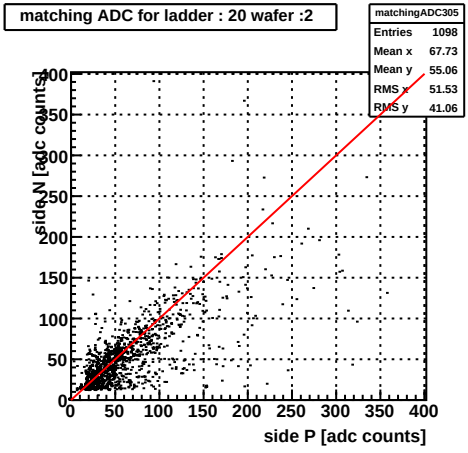

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 790
Mean x 58.01
Mean y 48.81
RMS x 53.02
RMS y 44.46
side N [adc counts]
side P [adc counts]

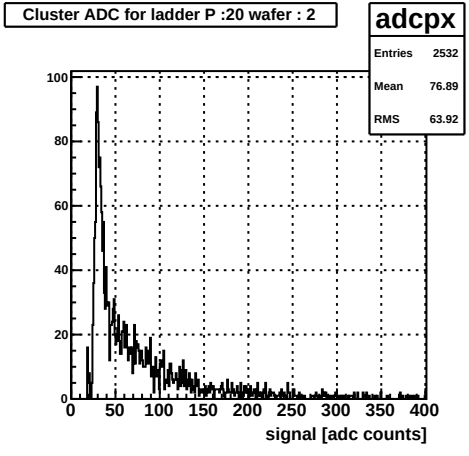

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 10763
Mean 33.64
RMS 32.26
signal [adc counts]

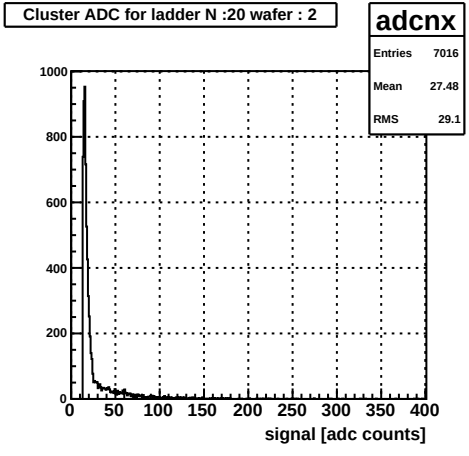

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4483
Mean 43.59
RMS 46.21
signal [adc counts]

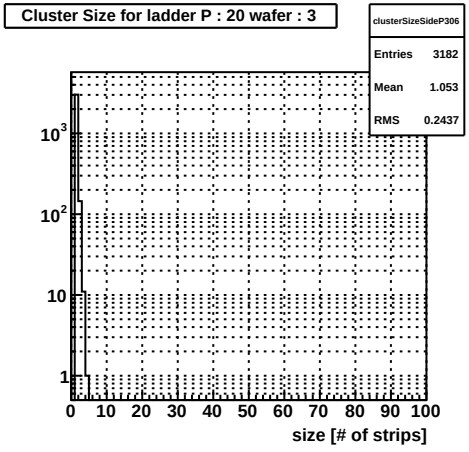

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2532
Mean 1.248
RMS 0.5759
size [# of strips]

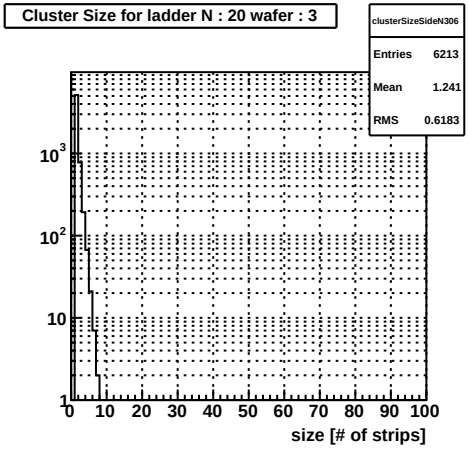

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 7016
Mean 1.189
RMS 0.556
size [# of strips]

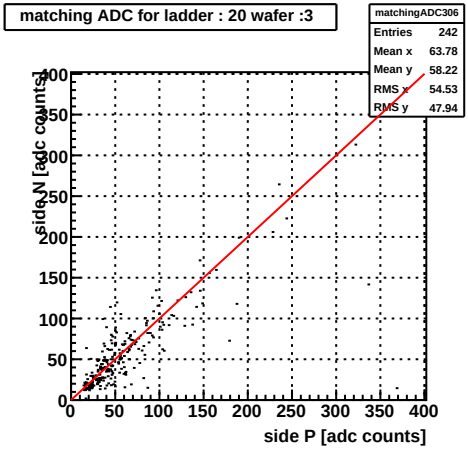

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1098
Mean x 67.73
Mean y 55.06
RMS x 51.53
RMS y 41.06
side N [adc counts]
side P [adc counts]

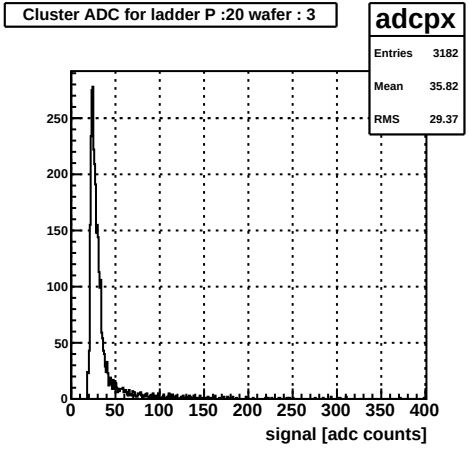

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2532
Mean 76.89
RMS 63.92
signal [adc counts]

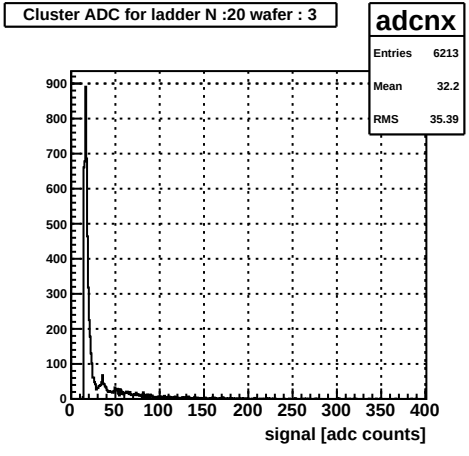

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 7016
Mean 27.48
RMS 29.1
signal [adc counts]

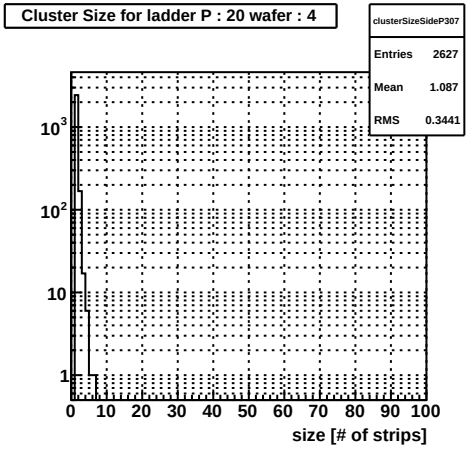

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3182
Mean 1.053
RMS 0.2437
size [# of strips]

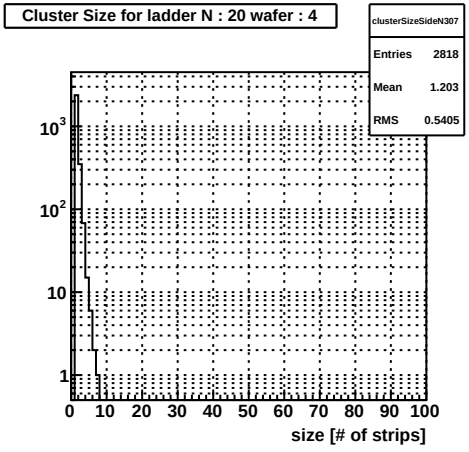

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6213
Mean 1.241
RMS 0.6183
size [# of strips]

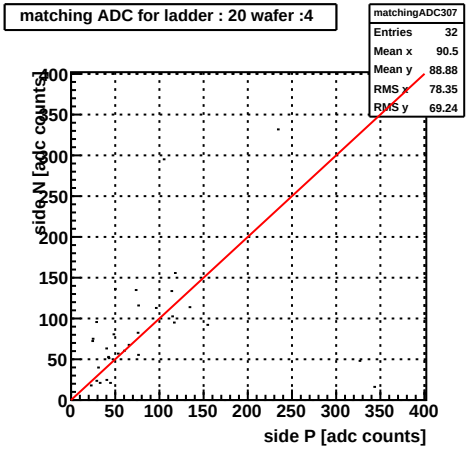

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 242
Mean x 63.78
Mean y 58.22
RMS x 54.53
RMS y 47.94
side N [adc counts]
side P [adc counts]

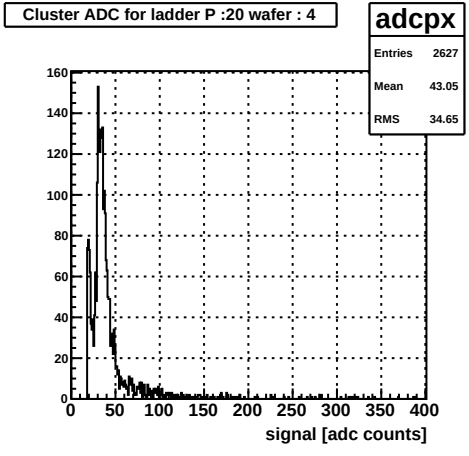

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3182
Mean 35.82
RMS 29.37
signal [adc counts]

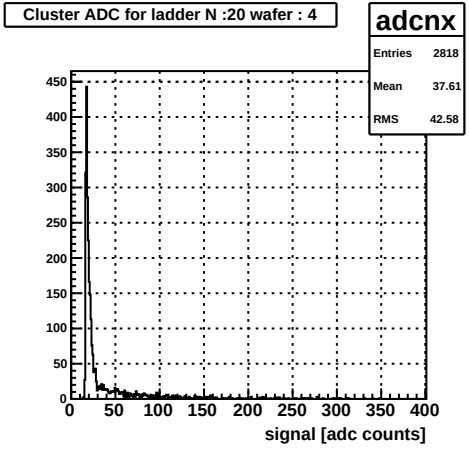

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6213
Mean 32.2
RMS 35.39
signal [adc counts]

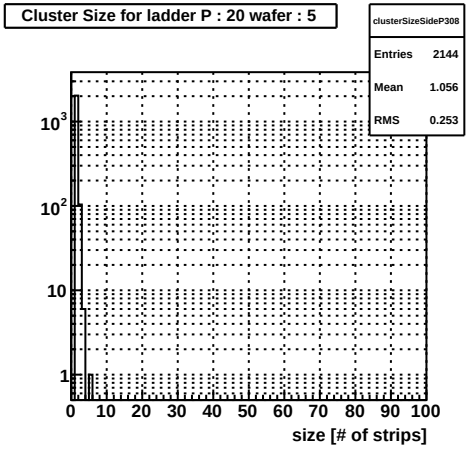

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2627
Mean 1.087
RMS 0.3441
size [# of strips]

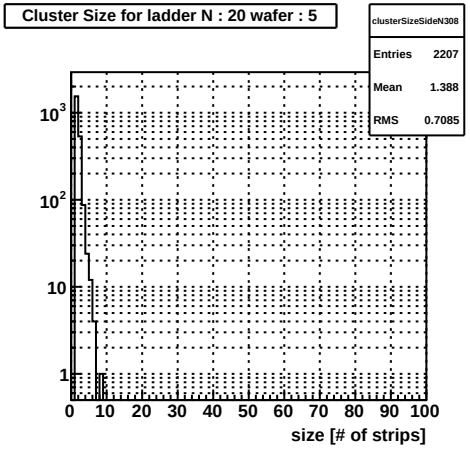

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2818
Mean 1.203
RMS 0.5405
size [# of strips]

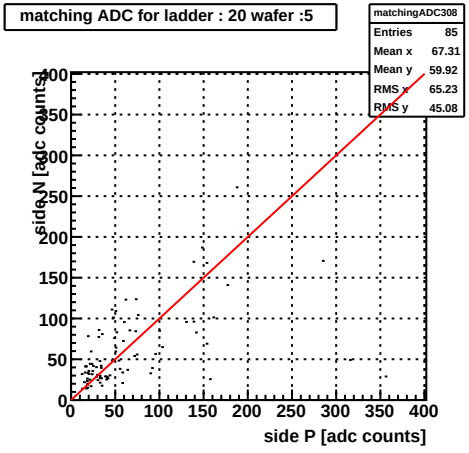

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 32
Mean x 90.5
Mean y 88.88
RMS x 78.35
RMS y 69.24
side N [adc counts]
side P [adc counts]

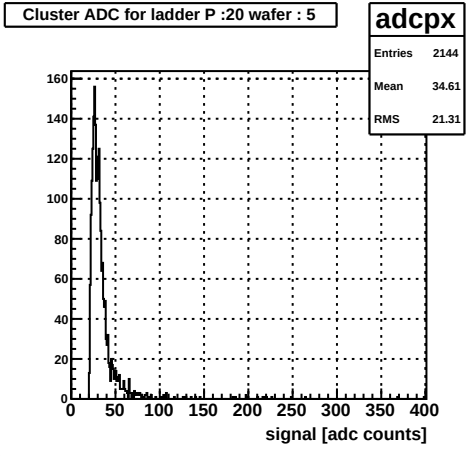

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2627
Mean 43.05
RMS 34.65
signal [adc counts]

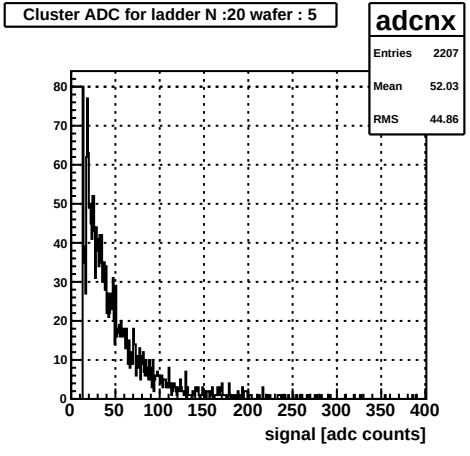

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2818
Mean 37.61
RMS 42.58
signal [adc counts]

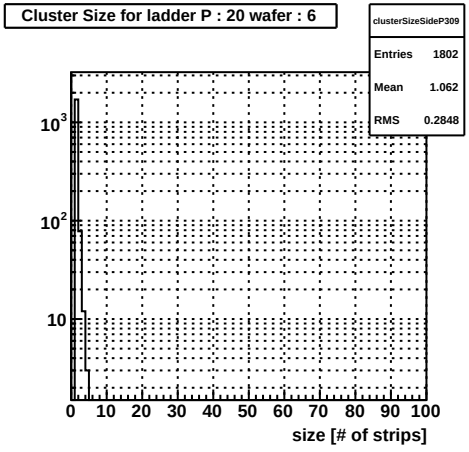

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2144
Mean 1.056
RMS 0.253
size [# of strips]

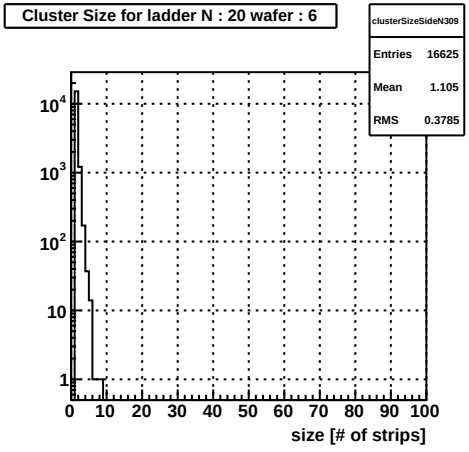

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2207
Mean 1.388
RMS 0.7085
size [# of strips]

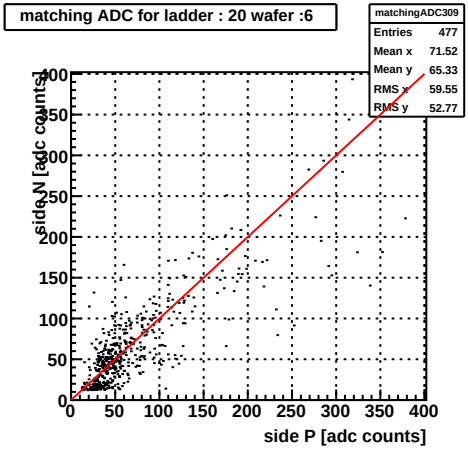

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 85
Mean x 67.31
Mean y 59.92
RMS x 65.23
RMS y 45.08
side N [adc counts]
side P [adc counts]

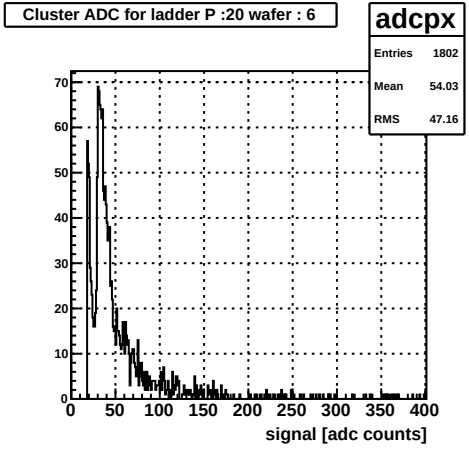

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2144
Mean 34.61
RMS 21.31
signal [adc counts]

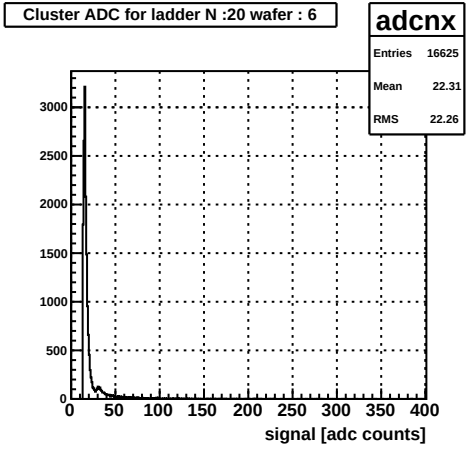

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2207
Mean 52.03
RMS 44.86
signal [adc counts]

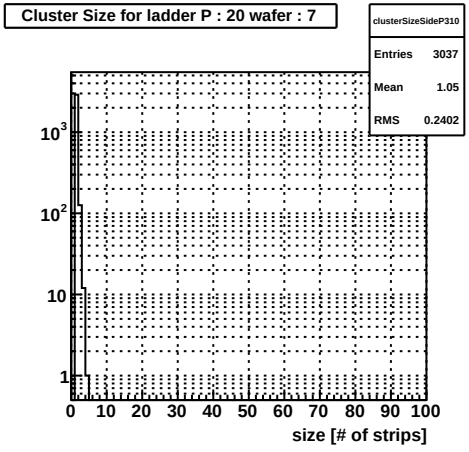

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1802
Mean 1.062
RMS 0.2848
size [# of strips]

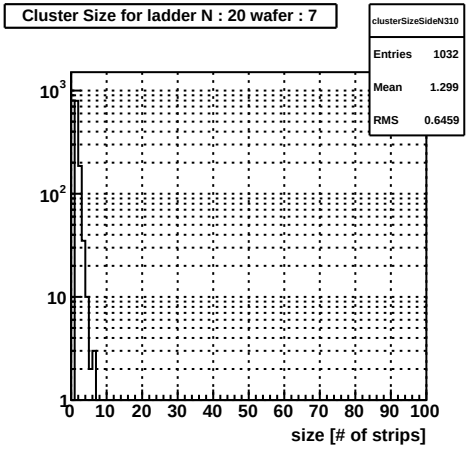

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 16625
Mean 1.105
RMS 0.3785
size [# of strips]

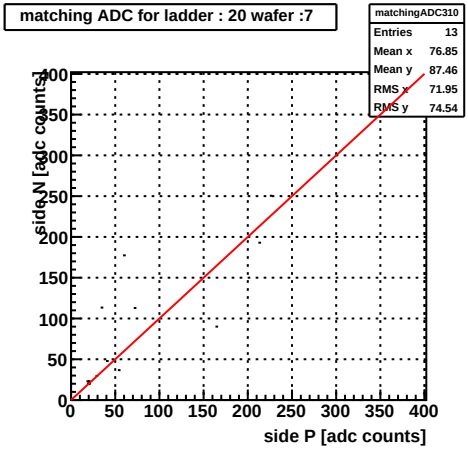

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 477
Mean x 71.52
Mean y 65.33
RMS x 59.55
RMS y 52.77
side N [adc counts]
side P [adc counts]

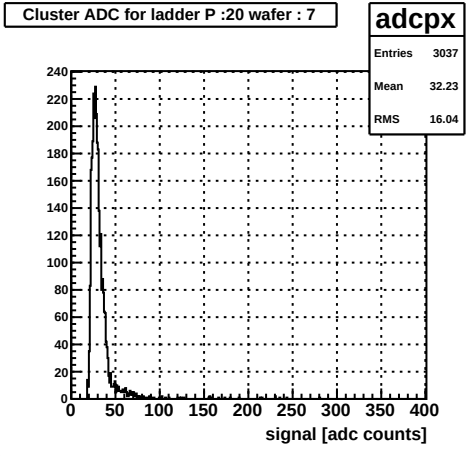

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1802
Mean 54.03
RMS 47.16
signal [adc counts]

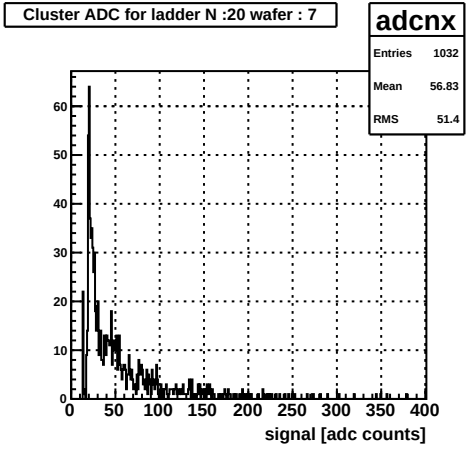

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 16625
Mean 22.31
RMS 22.26
signal [adc counts]

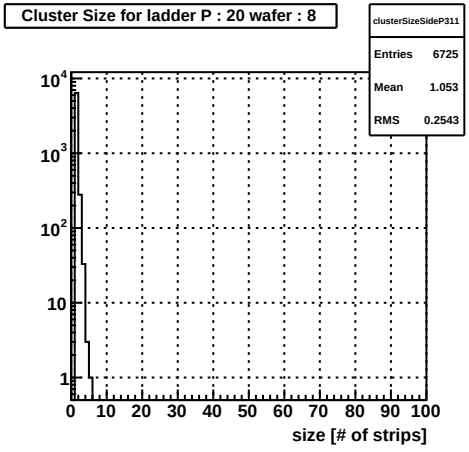

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3037
Mean 1.05
RMS 0.2402
size [# of strips]

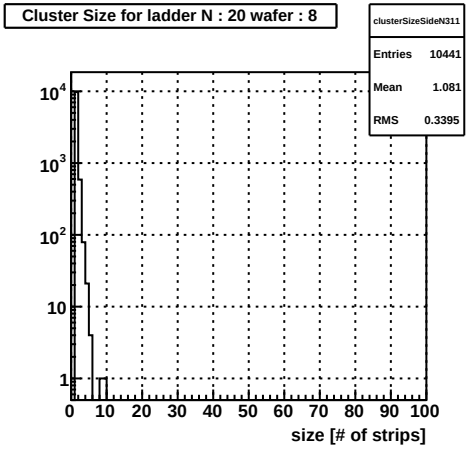

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1032
Mean 1.299
RMS 0.6459
size [# of strips]

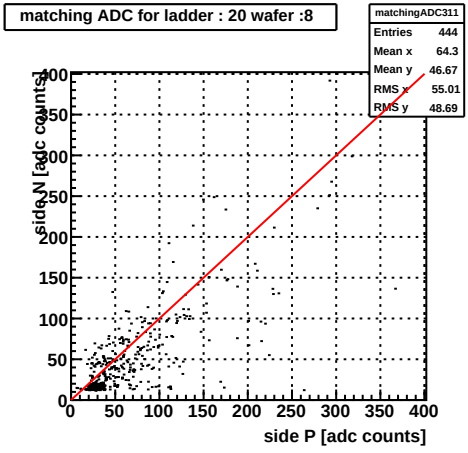

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 13
Mean x 76.85
Mean y 87.46
RMS x 71.95
RMS y 74.54
side N [adc counts]
side P [adc counts]

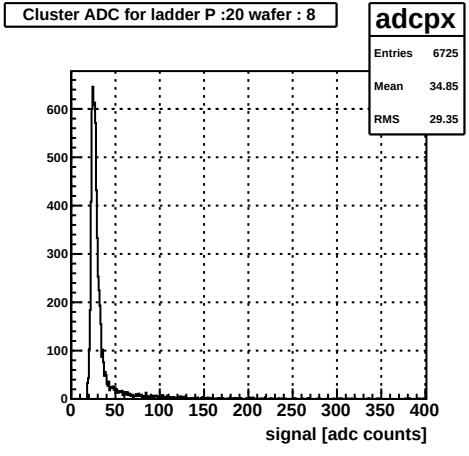

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3037
Mean 32.23
RMS 16.04
signal [adc counts]

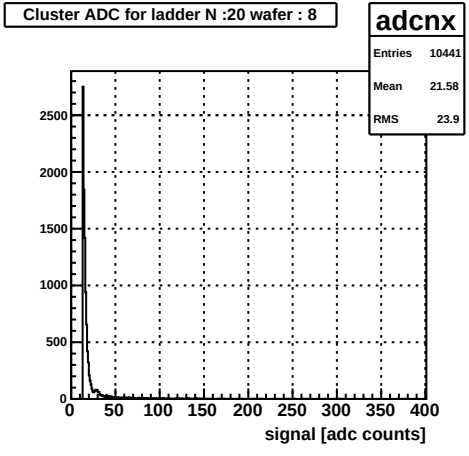

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1032
Mean 56.83
RMS 51.4
signal [adc counts]

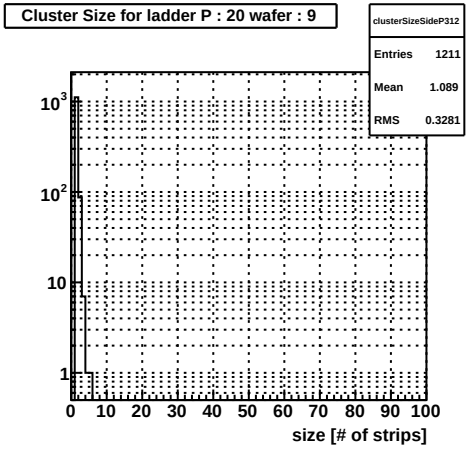

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 6725
Mean 1.053
RMS 0.2543
size [# of strips]

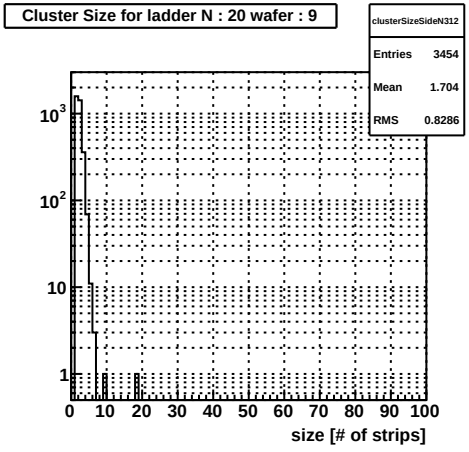

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10441
Mean 1.081
RMS 0.3395
size [# of strips]

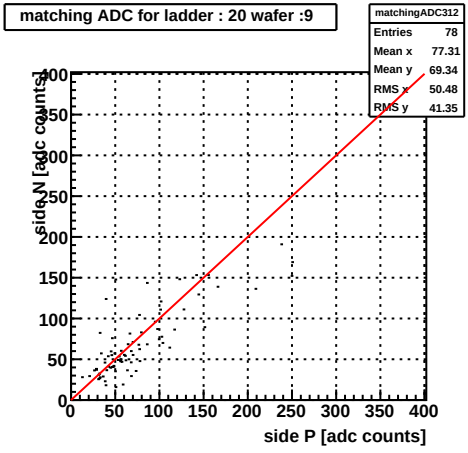

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 444
Mean x 64.3
Mean y 46.67
RMS x 55.01
RMS y 48.69
side N [adc counts]
side P [adc counts]

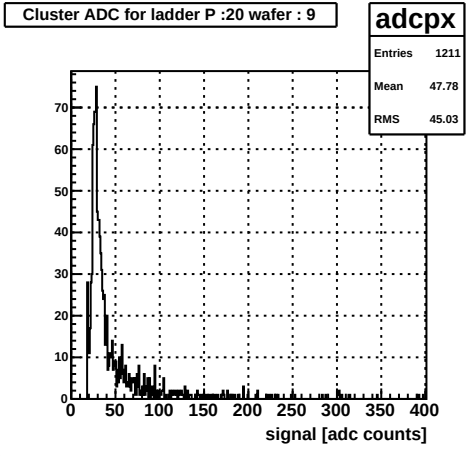

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 6725
Mean 34.85
RMS 29.35
signal [adc counts]

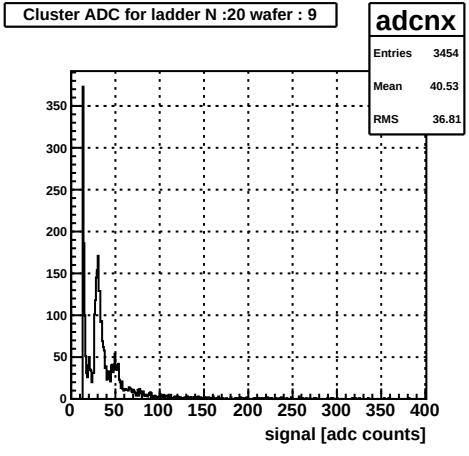

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10441
Mean 21.58
RMS 23.9
signal [adc counts]

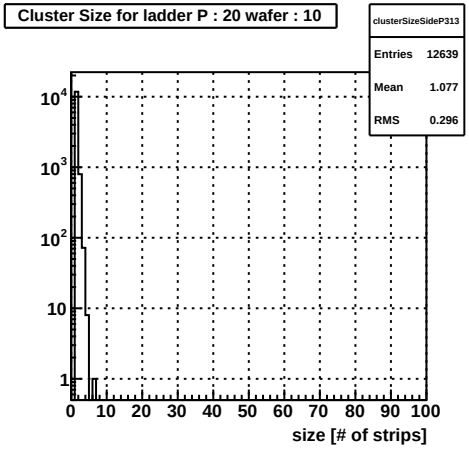

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1211
Mean 1.089
RMS 0.3281
size [# of strips]

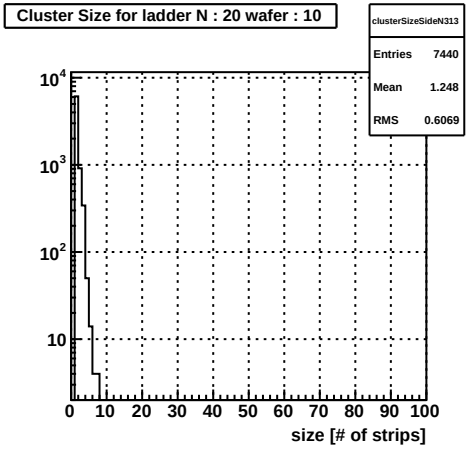

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3454
Mean 1.704
RMS 0.8286
size [# of strips]

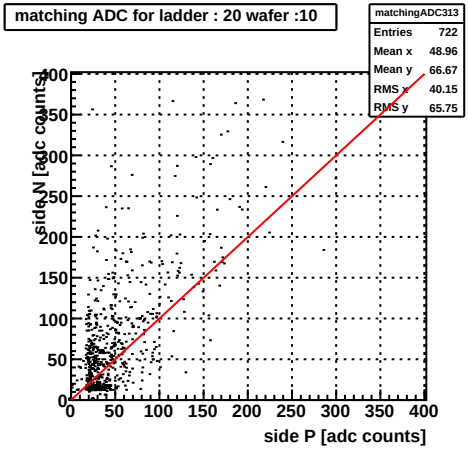

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 78
Mean x 77.31
Mean y 69.34
RMS x 50.48
RMS y 41.35
side N [adc counts]
side P [adc counts]

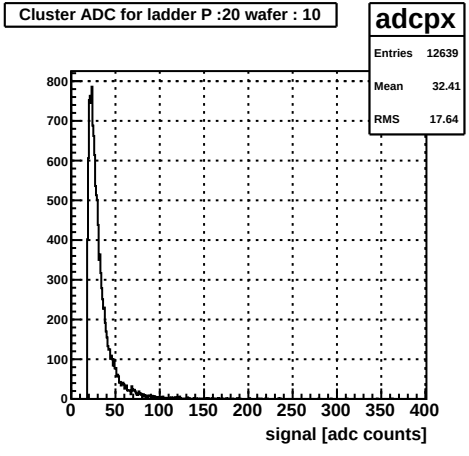

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1211
Mean 47.78
RMS 45.03
signal [adc counts]

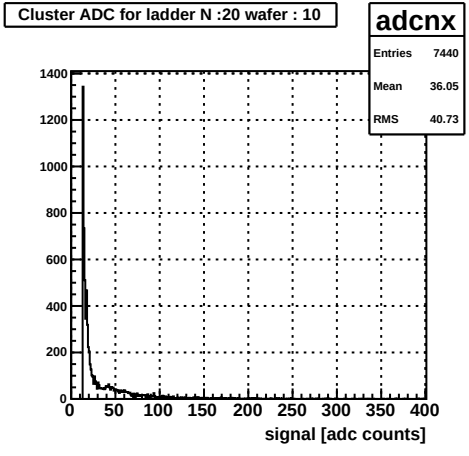

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3454
Mean 40.53
RMS 36.81
signal [adc counts]

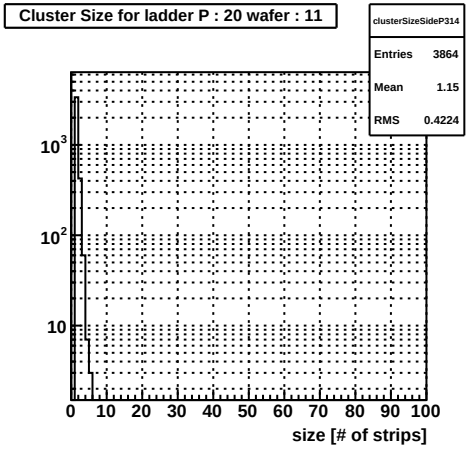

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12639
Mean 1.077
RMS 0.296
size [# of strips]

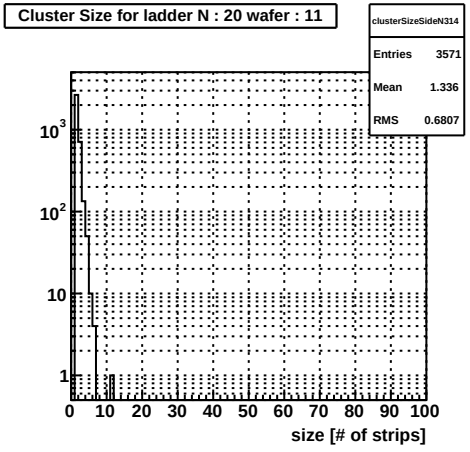

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7440
Mean 1.248
RMS 0.6069
size [# of strips]

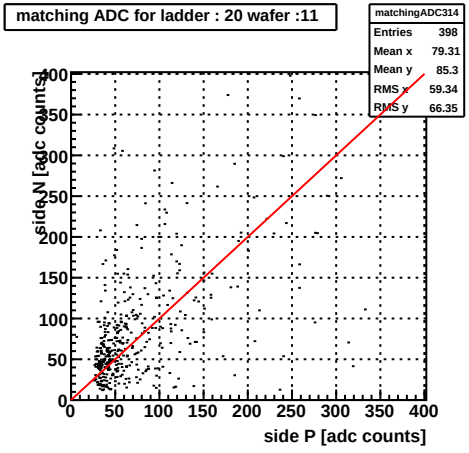

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 722
Mean x 48.96
Mean y 66.67
RMS x 40.15
RMS y 65.75
side N [adc counts]
side P [adc counts]

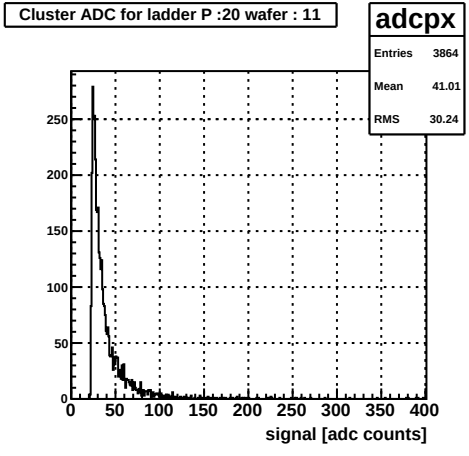

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12639
Mean 32.41
RMS 17.64
signal [adc counts]

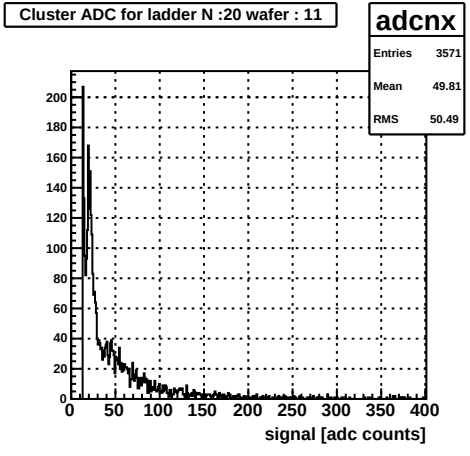

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7440
Mean 36.05
RMS 40.73
signal [adc counts]

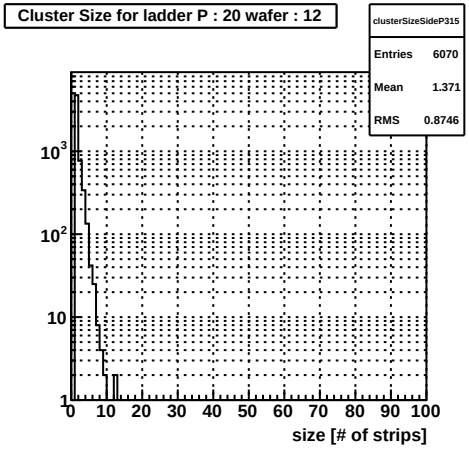

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3864
Mean 1.15
RMS 0.4224
size [# of strips]

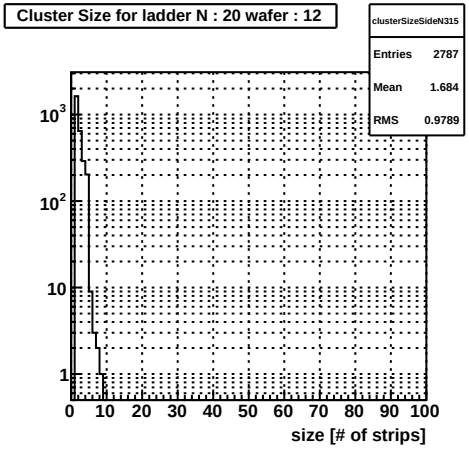

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3571
Mean 1.336
RMS 0.6807
size [# of strips]

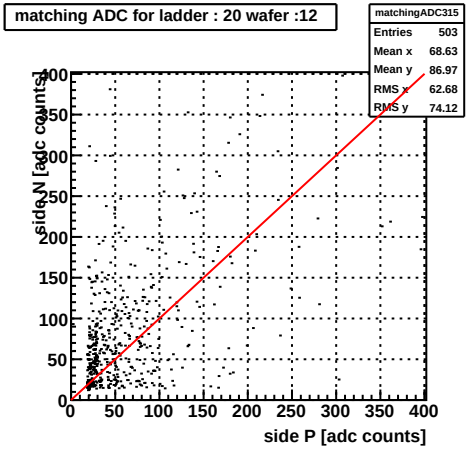

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 398
Mean x 79.31
Mean y 85.3
RMS x 59.34
RMS y 66.35
side N [adc counts]
side P [adc counts]

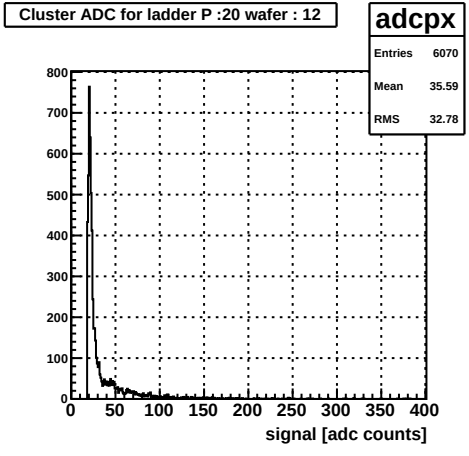

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3864
Mean 41.01
RMS 30.24
signal [adc counts]

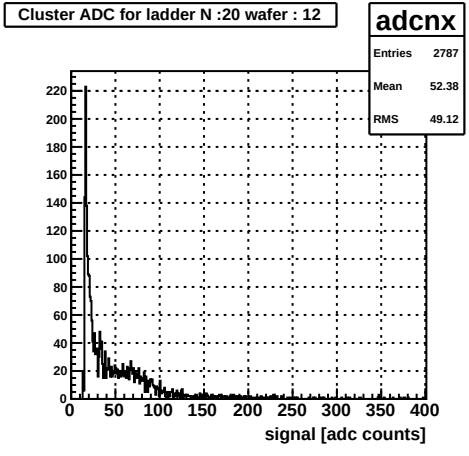

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3571
Mean 49.81
RMS 50.49
signal [adc counts]

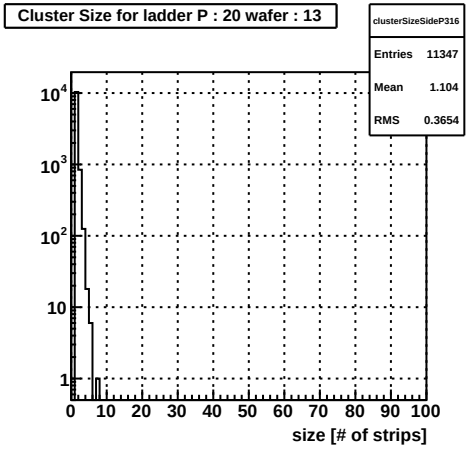

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6070
Mean 1.371
RMS 0.8746
size [# of strips]

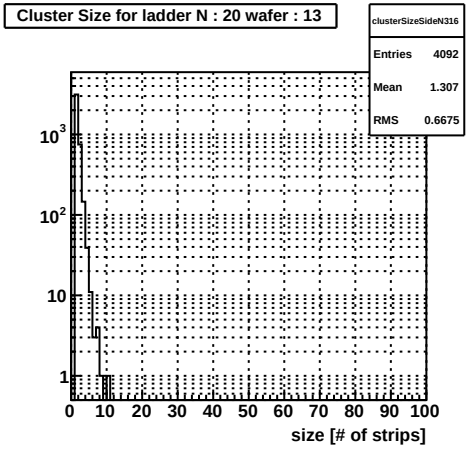

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2787
Mean 1.684
RMS 0.9789
size [# of strips]

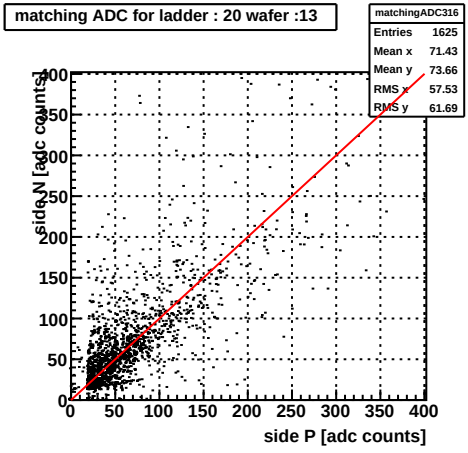

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 503
Mean x 68.63
Mean y 86.97
RMS x 62.68
RMS y 74.12
side N [adc counts]
side P [adc counts]

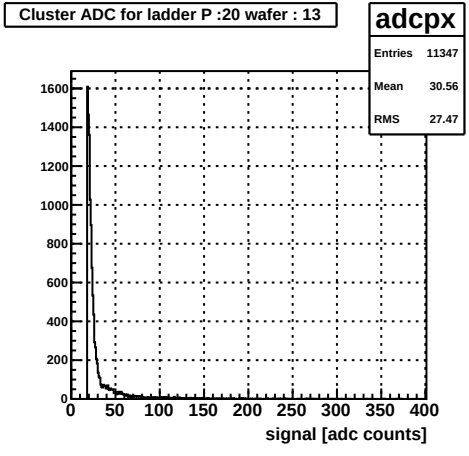

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6070
Mean 35.59
RMS 32.78
signal [adc counts]

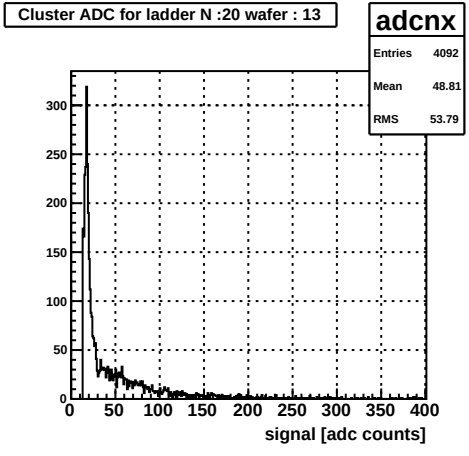

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2787
Mean 52.38
RMS 49.12
signal [adc counts]

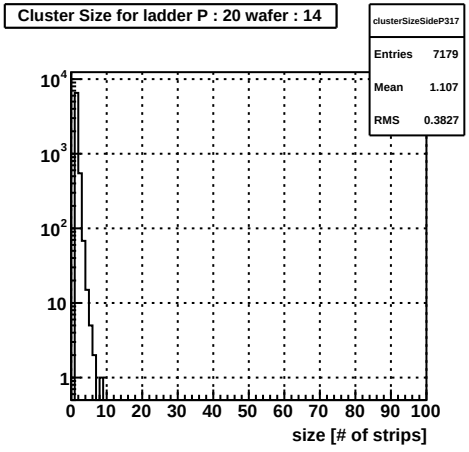

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 11347
Mean 1.104
RMS 0.3654
size [# of strips]

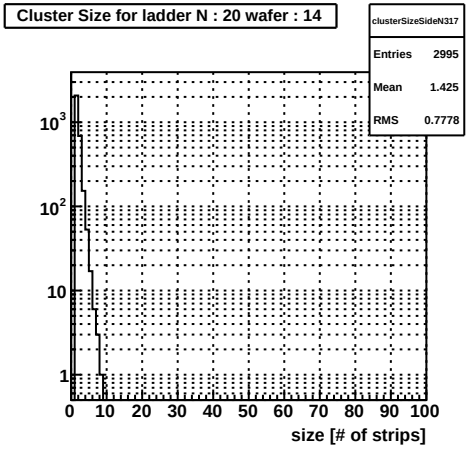

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4092
Mean 1.307
RMS 0.6675
size [# of strips]

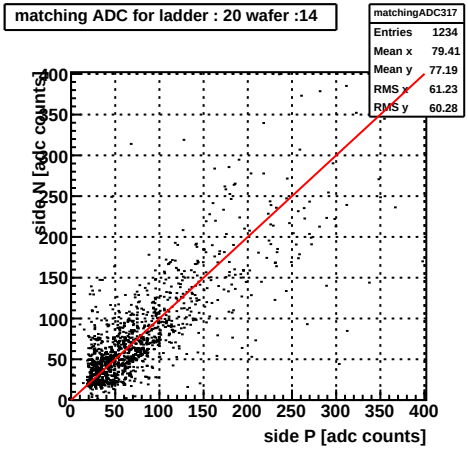

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1625
Mean x 71.43
Mean y 73.66
RMS x 57.53
RMS y 61.69
side N [adc counts]
side P [adc counts]

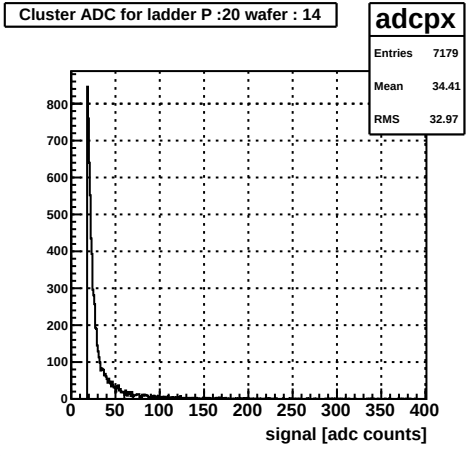

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 11347
Mean 30.56
RMS 27.47
signal [adc counts]

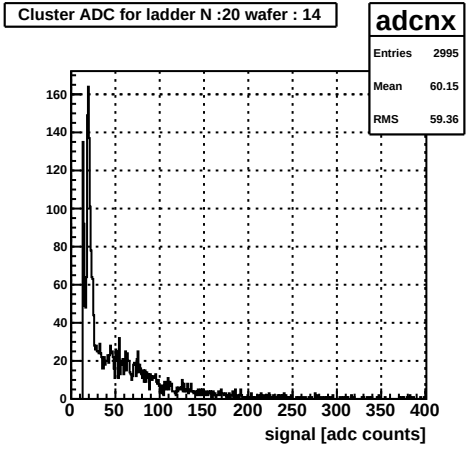

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4092
Mean 48.81
RMS 53.79
signal [adc counts]

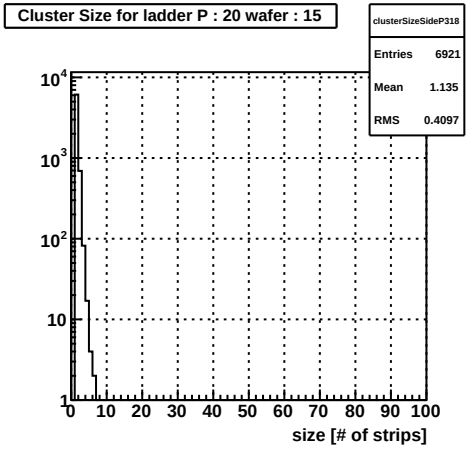

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 7179
Mean 1.107
RMS 0.3827
size [# of strips]

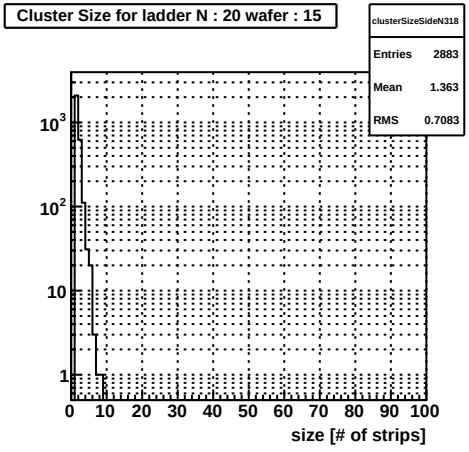

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2995
Mean 1.425
RMS 0.7778
size [# of strips]

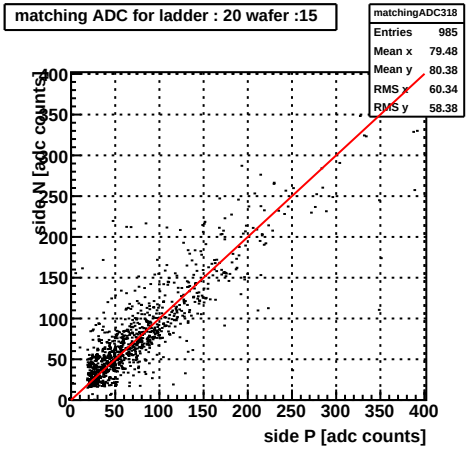

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1234
Mean x 79.41
Mean y 77.19
RMS x 61.23
RMS y 60.28
side N [adc counts]
side P [adc counts]

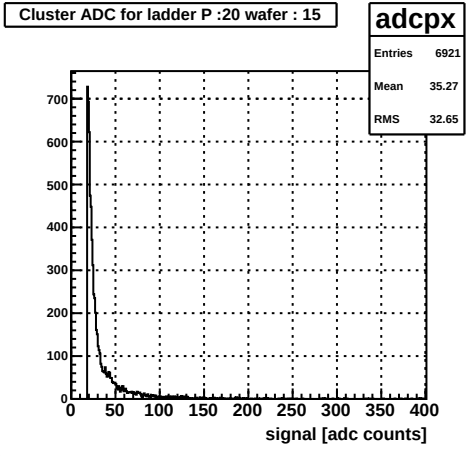

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 7179
Mean 34.41
RMS 32.97
signal [adc counts]

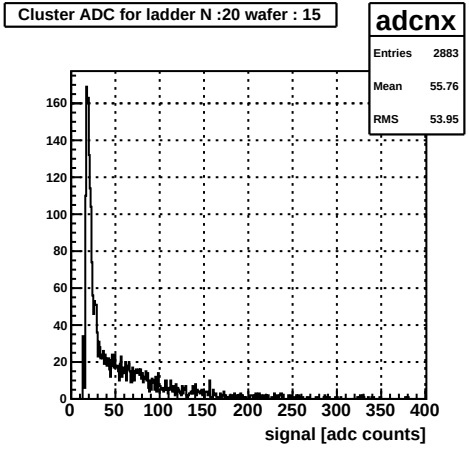

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2995
Mean 60.15
RMS 59.36
signal [adc counts]

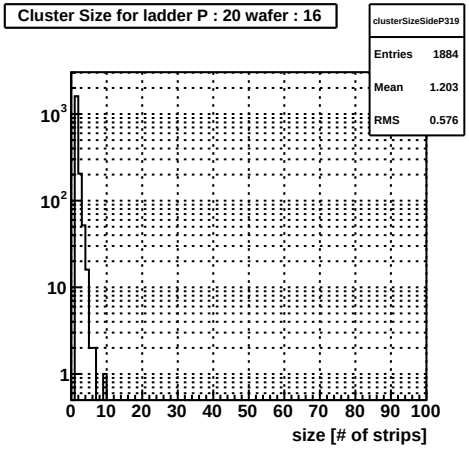

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6921
Mean 1.135
RMS 0.4097
size [# of strips]

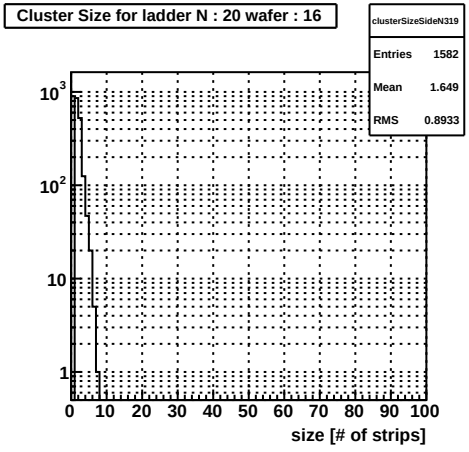

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2883
Mean 1.363
RMS 0.7083
size [# of strips]

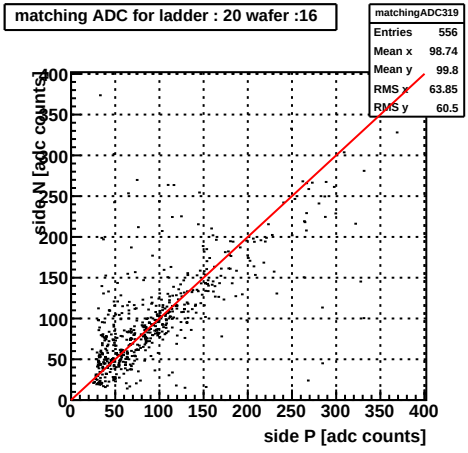

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 985
Mean x 79.48
Mean y 80.38
RMS x 60.34
RMS y 58.38
side N [adc counts]
side P [adc counts]

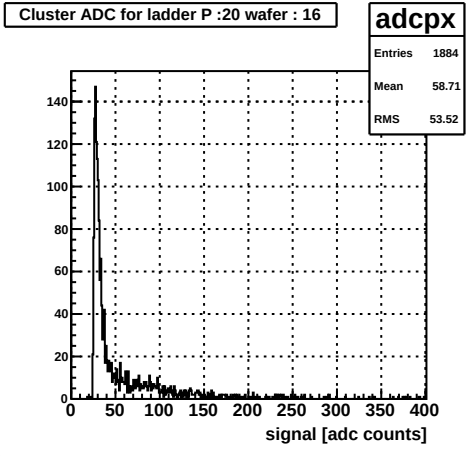

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6921
Mean 35.27
RMS 32.65
signal [adc counts]

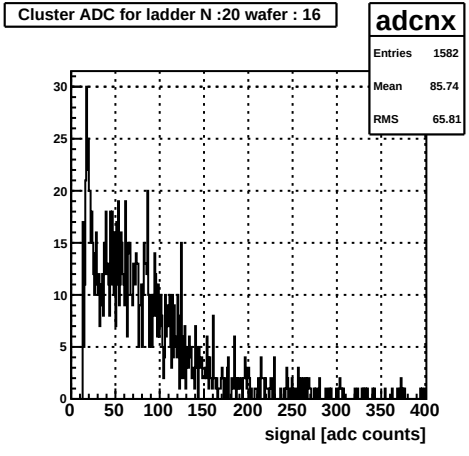

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2883
Mean 55.76
RMS 53.95
signal [adc counts]

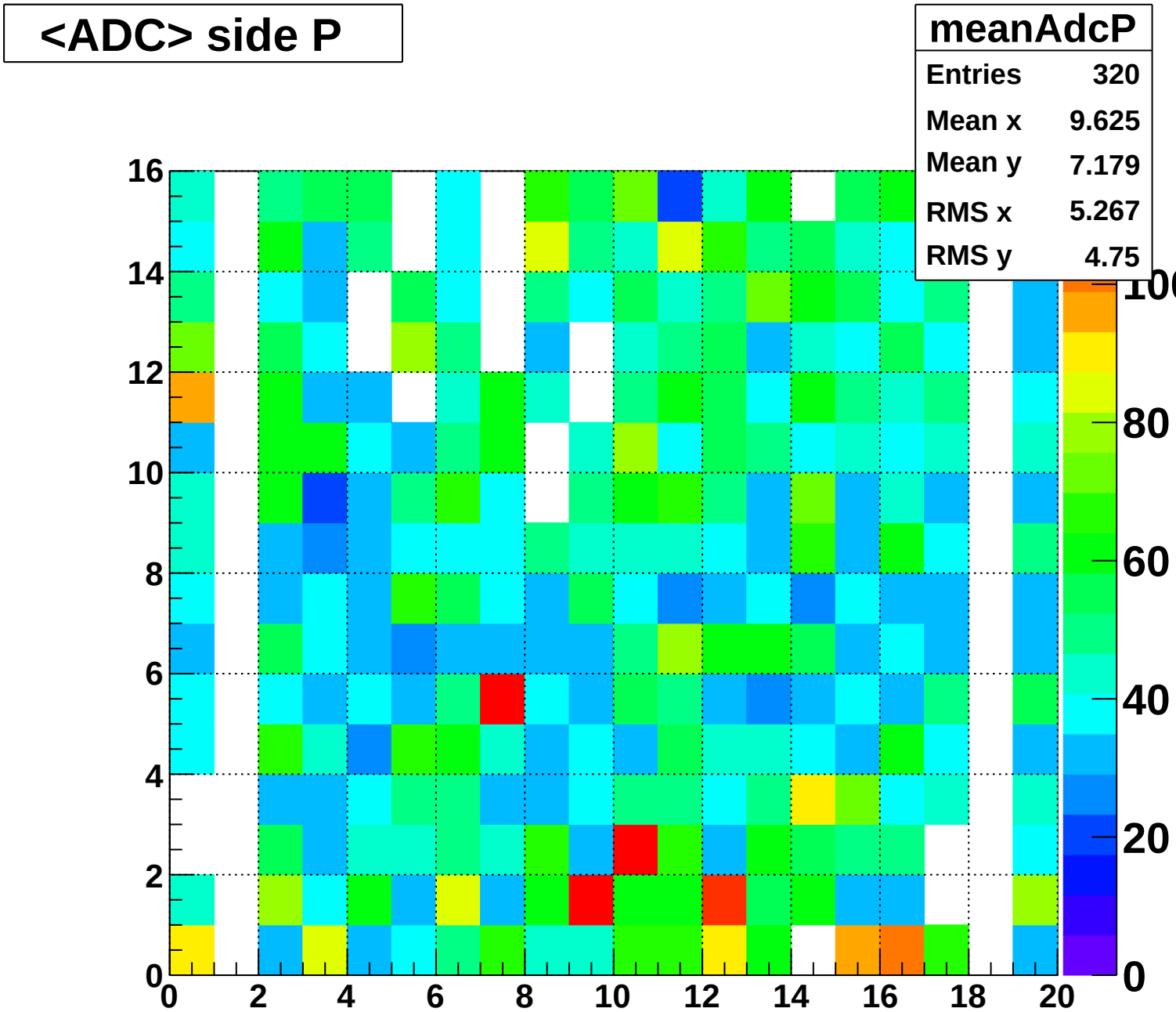

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1884
Mean 1.203
RMS 0.576
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1582
Mean 1.649
RMS 0.8933
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 556
Mean x 98.74
Mean y 99.8
RMS x 63.85
RMS y 60.5
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1884
Mean 58.71
RMS 53.52
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1582
Mean 85.74
RMS 65.81
signal [adc counts]



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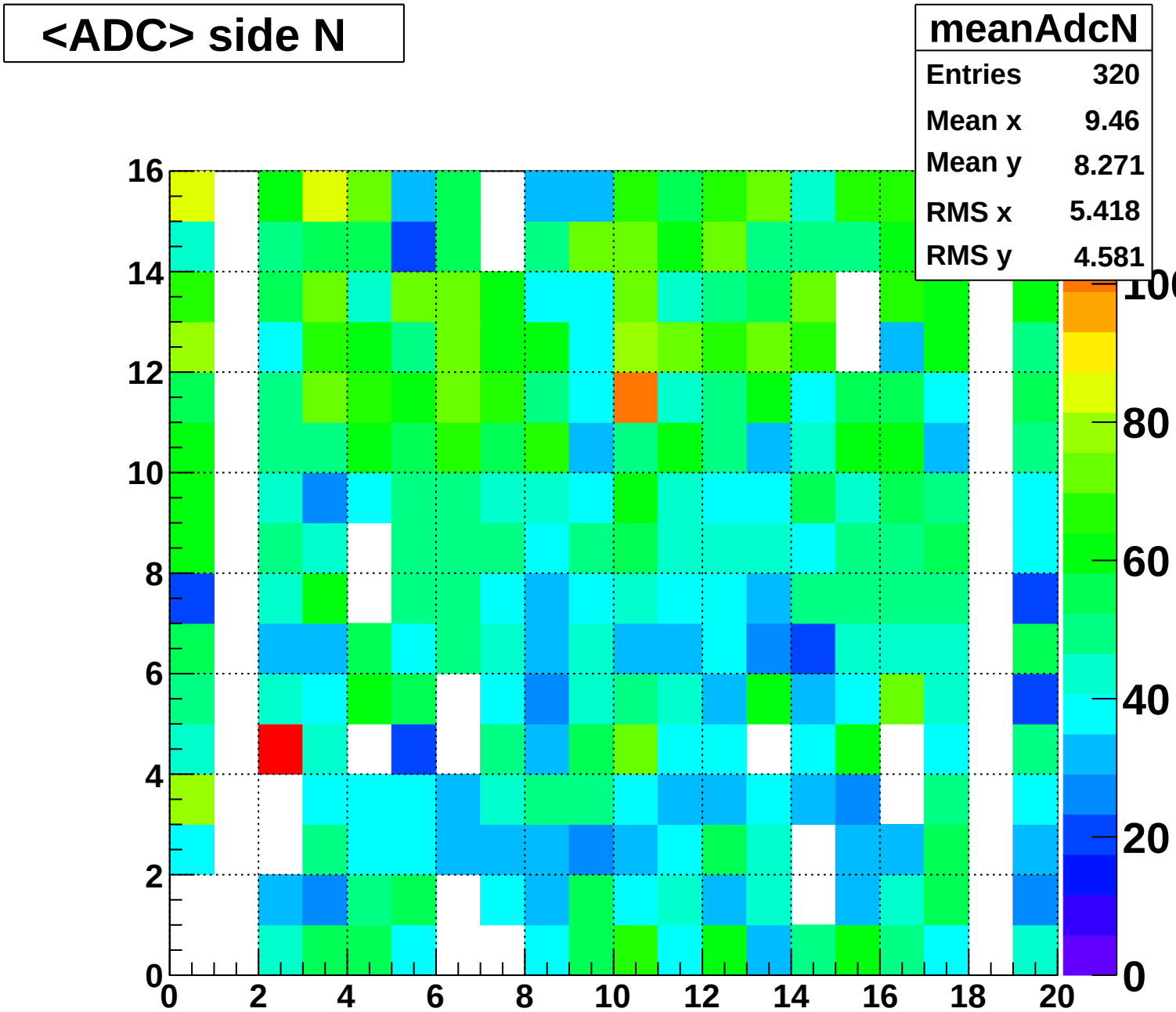

2016-05-17 20:53:06