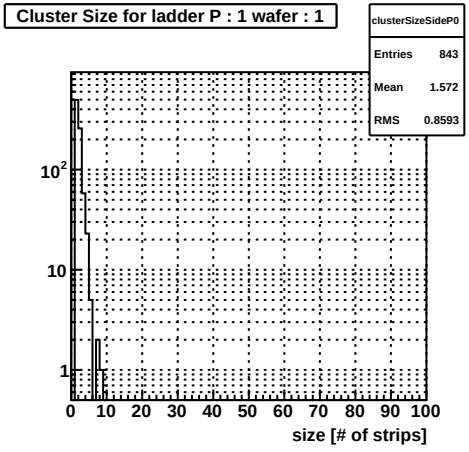
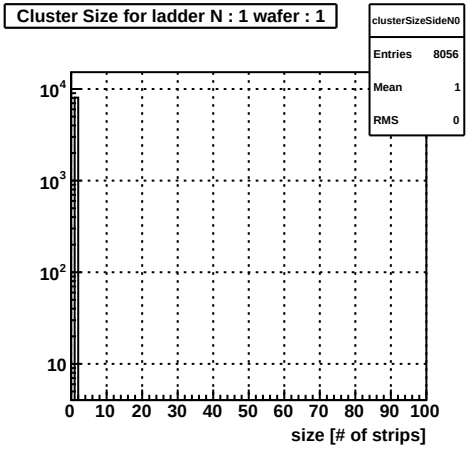
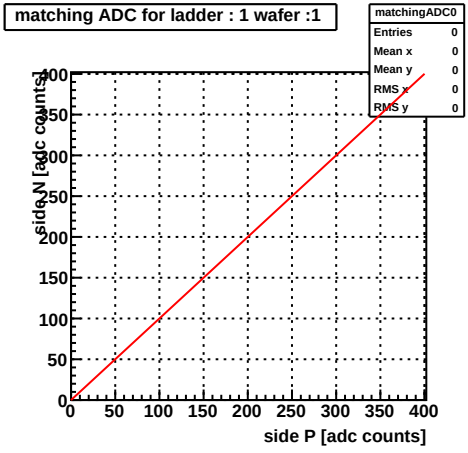
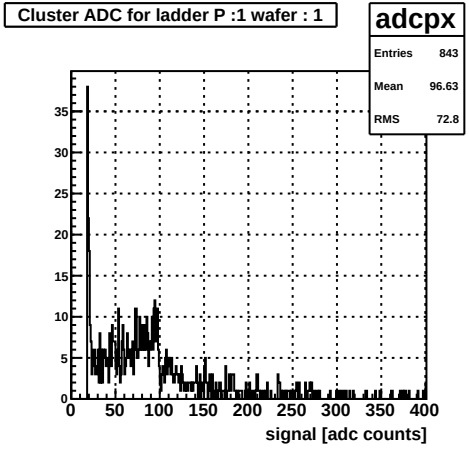
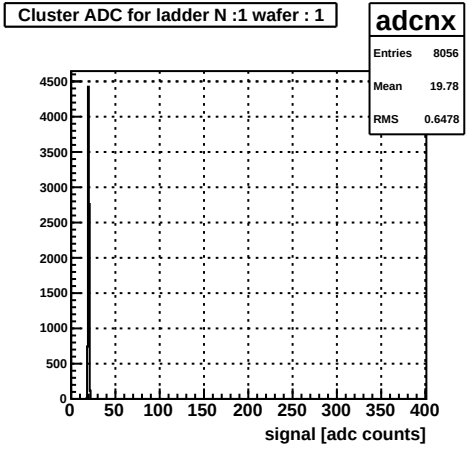
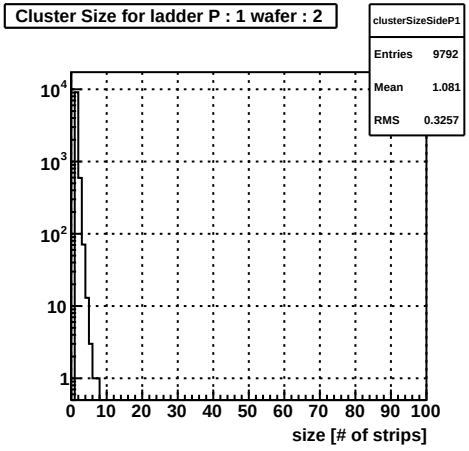

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 843
Mean 1.572
RMS 0.8593
size [# of strips]

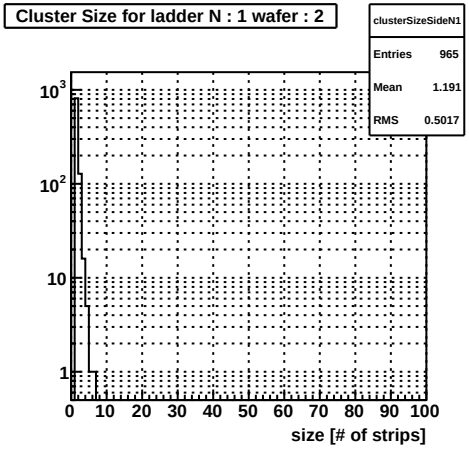

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 8056
Mean 1
RMS 0
size [# of strips]

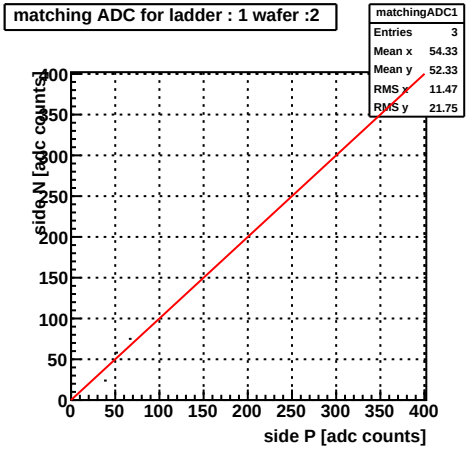

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

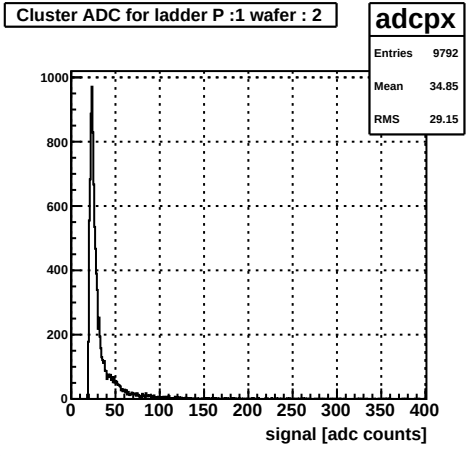

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 843
Mean 96.63
RMS 72.8
signal [adc counts]

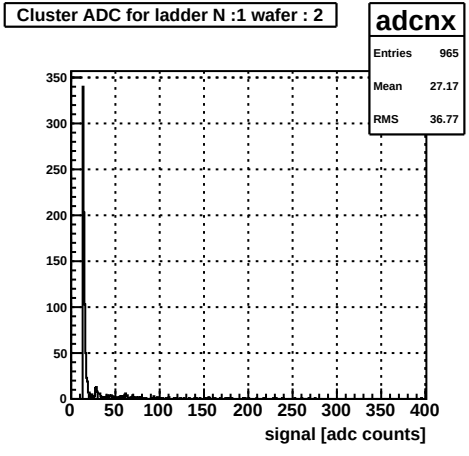

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 8056
Mean 19.78
RMS 0.6478
signal [adc counts]

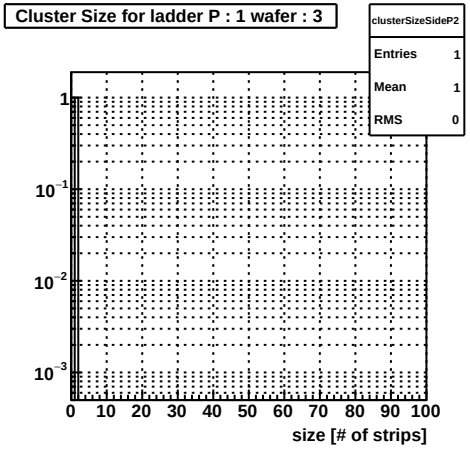

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 9792
Mean 1.081
RMS 0.3257
size [# of strips]

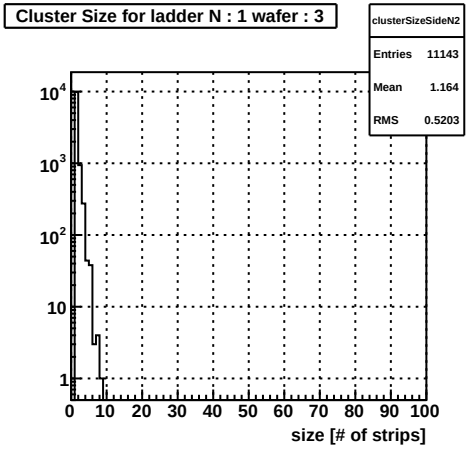

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 965
Mean 1.191
RMS 0.5017
size [# of strips]

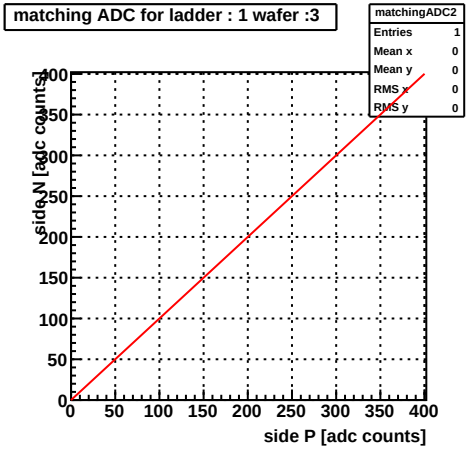

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 3
Mean x 54.33
Mean y 52.33
RMS x 11.47
RMS y 21.75
side N [adc counts]
side P [adc counts]

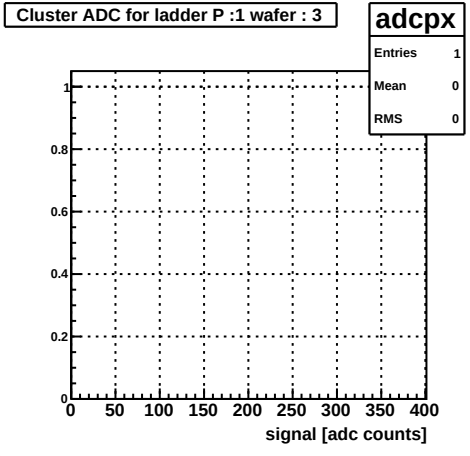

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 9792
Mean 34.85
RMS 29.15
signal [adc counts]

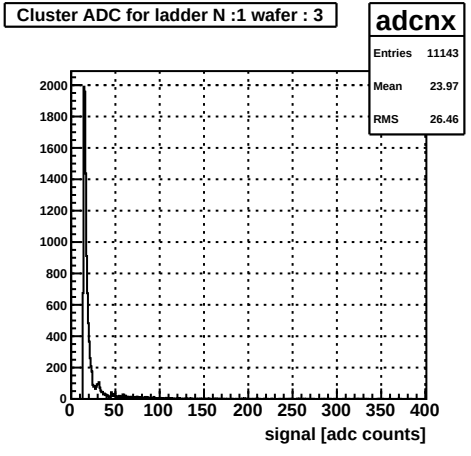

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 965
Mean 27.17
RMS 36.77
signal [adc counts]

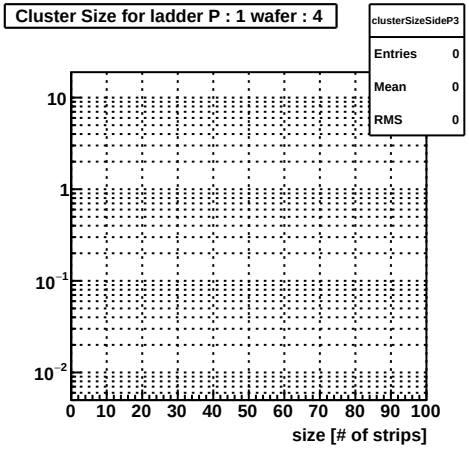

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

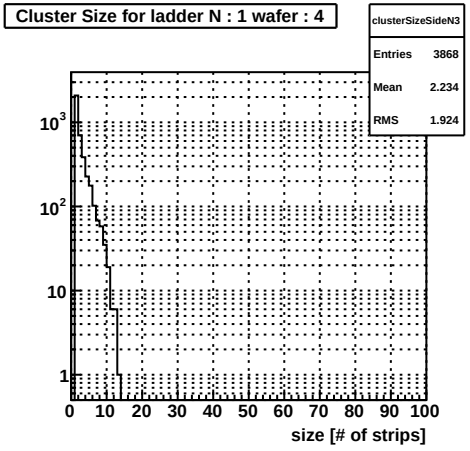

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 11143
Mean 1.164
RMS 0.5203
size [# of strips]

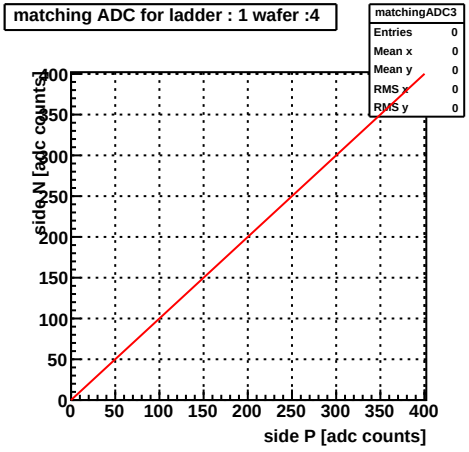

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

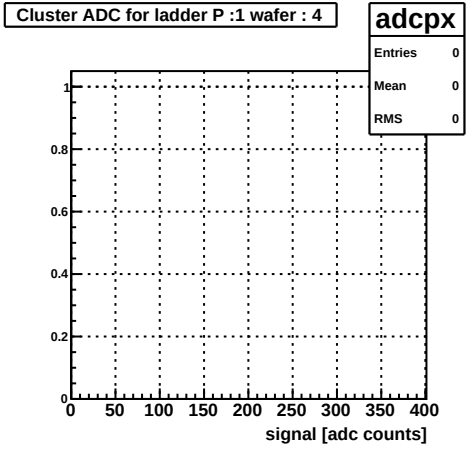

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

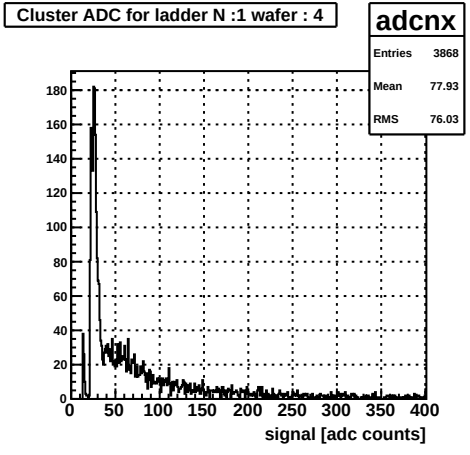

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 11143
Mean 23.97
RMS 26.46
signal [adc counts]

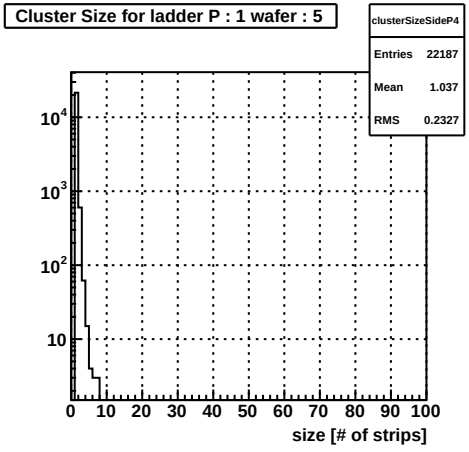

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

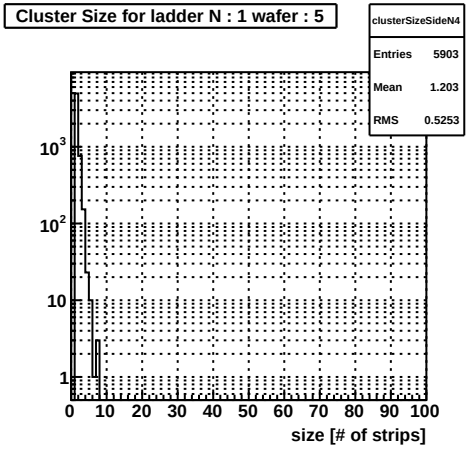

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3868
Mean 2.234
RMS 1.924
size [# of strips]

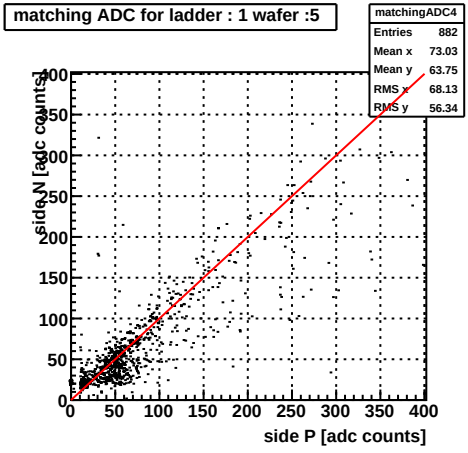

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

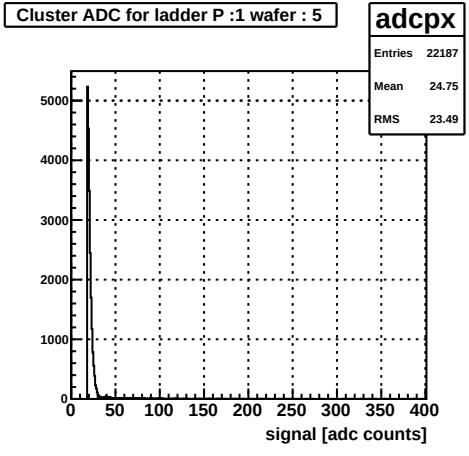

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

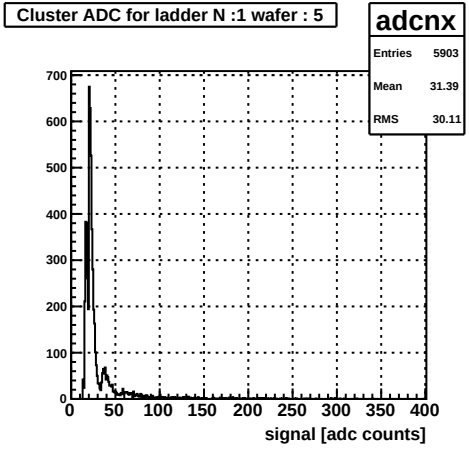

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3868
Mean 77.93
RMS 76.03
signal [adc counts]

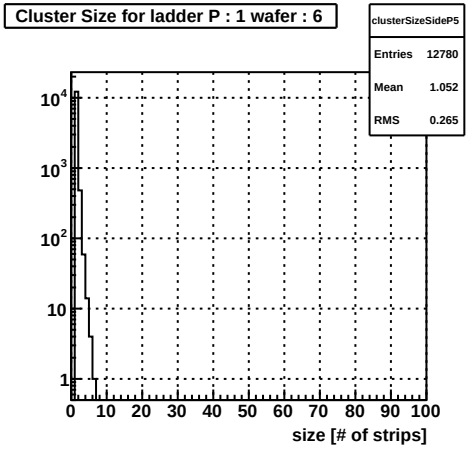

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 22187
Mean 1.037
RMS 0.2327
size [# of strips]

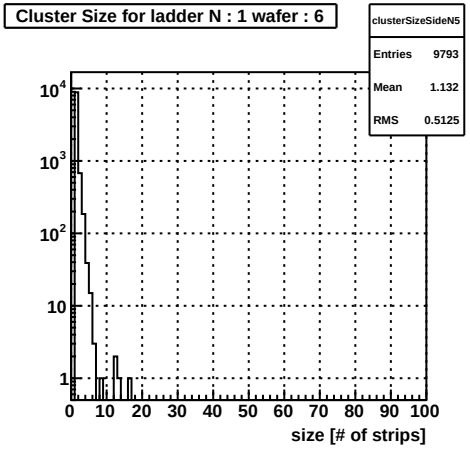

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 5903
Mean 1.203
RMS 0.5253
size [# of strips]

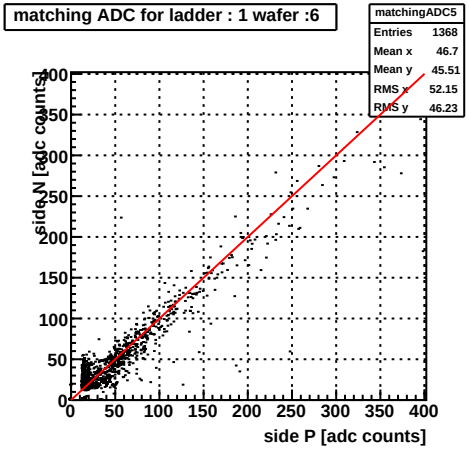

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 882
Mean x 73.03
Mean y 63.75
RMS x 68.13
RMS y 56.34
side N [adc counts]
side P [adc counts]

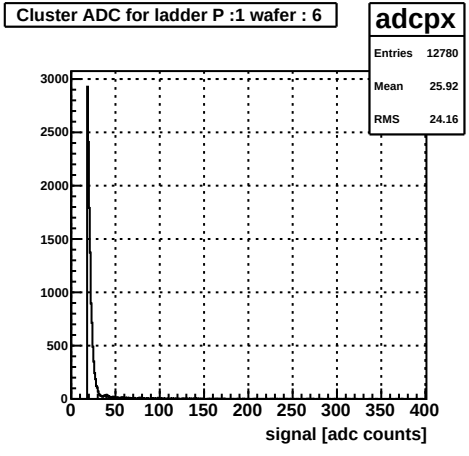

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 22187
Mean 24.75
RMS 23.49
signal [adc counts]

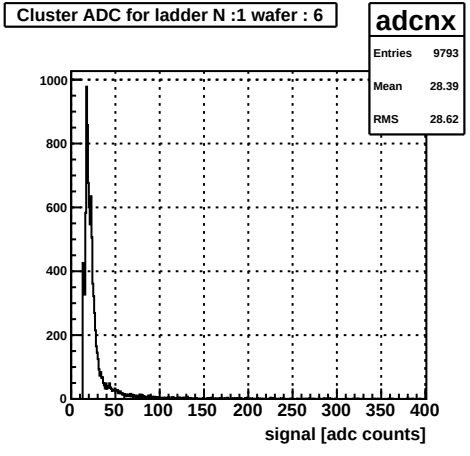

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 5903
Mean 31.39
RMS 30.11
signal [adc counts]

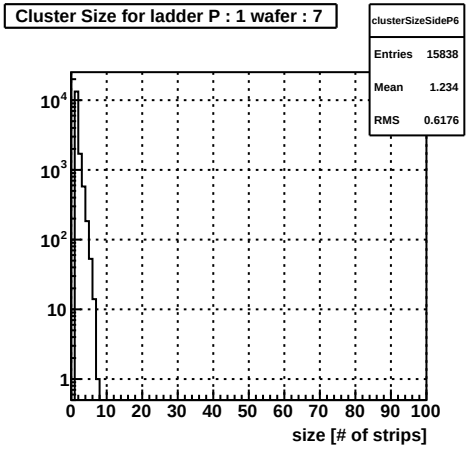

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 12780
Mean 1.052
RMS 0.265
size [# of strips]

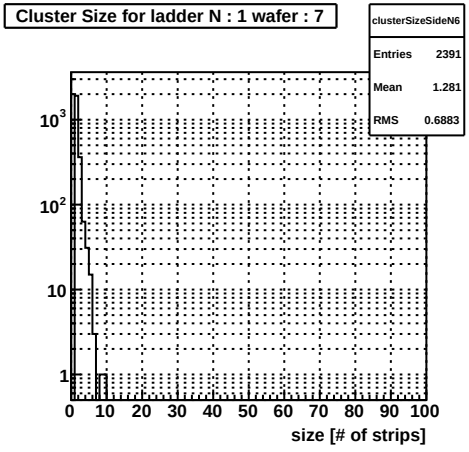

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 9793
Mean 1.132
RMS 0.5125
size [# of strips]

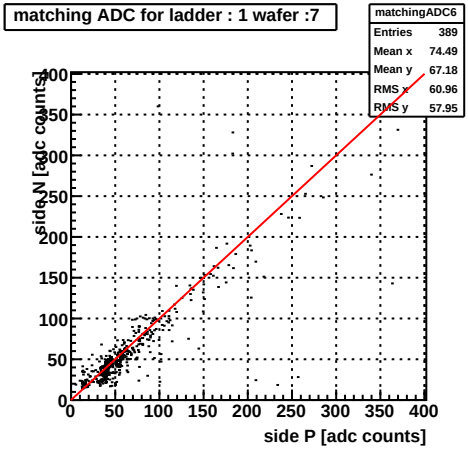

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1368
Mean x 46.7
Mean y 45.51
RMS x 52.15
RMS y 46.23
side N [adc counts]
side P [adc counts]

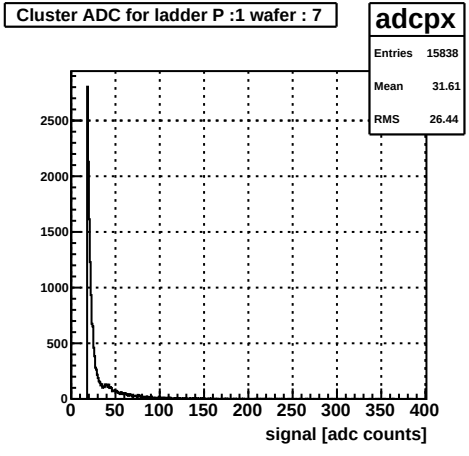

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 12780
Mean 25.92
RMS 24.16
signal [adc counts]

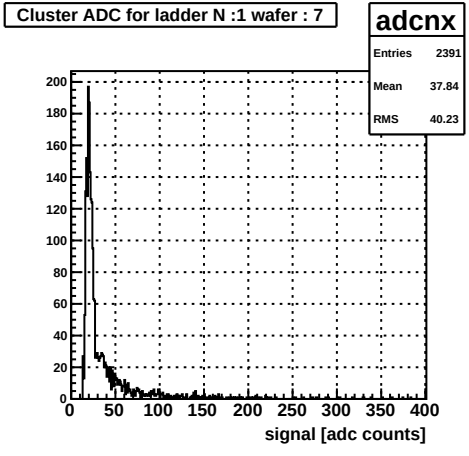

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 9793
Mean 28.39
RMS 28.62
signal [adc counts]

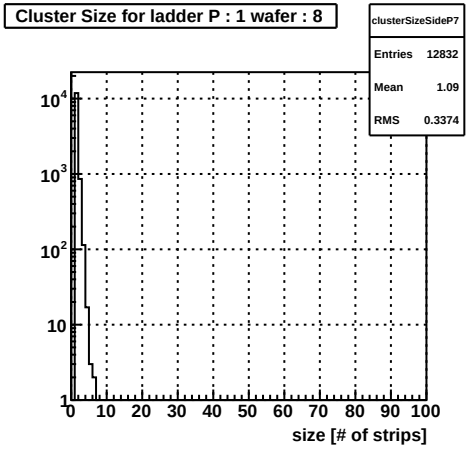

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 15838
Mean 1.234
RMS 0.6176
size [# of strips]

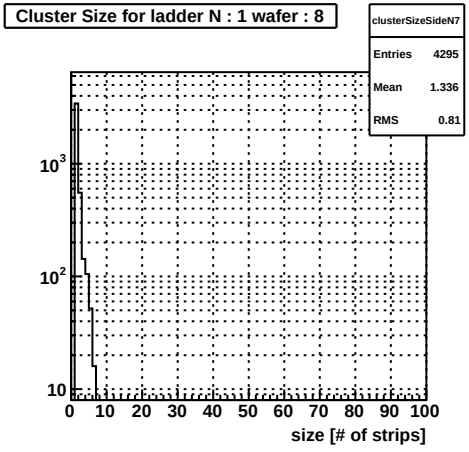

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2391
Mean 1.281
RMS 0.6883
size [# of strips]

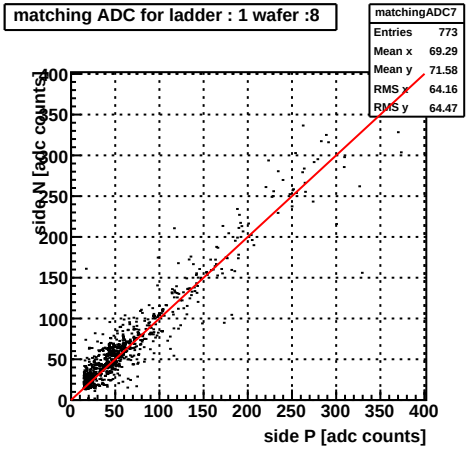

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 389
Mean x 74.49
Mean y 67.18
RMS x 60.96
RMS y 57.95
side N [adc counts]
side P [adc counts]

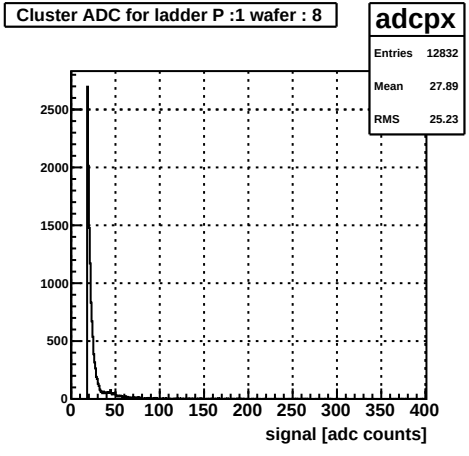

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 15838
Mean 31.61
RMS 26.44
signal [adc counts]

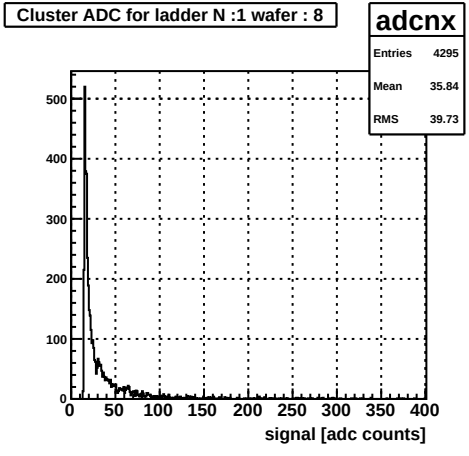

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2391
Mean 37.84
RMS 40.23
signal [adc counts]

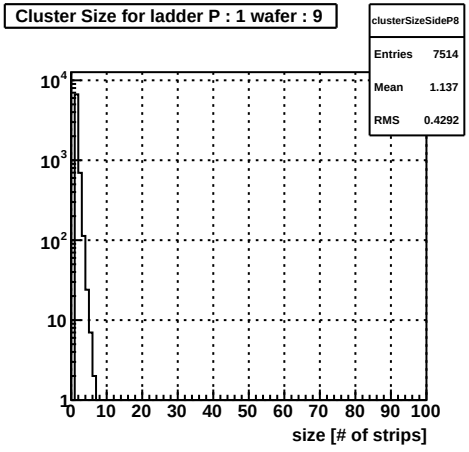

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 12832
Mean 1.09
RMS 0.3374
size [# of strips]

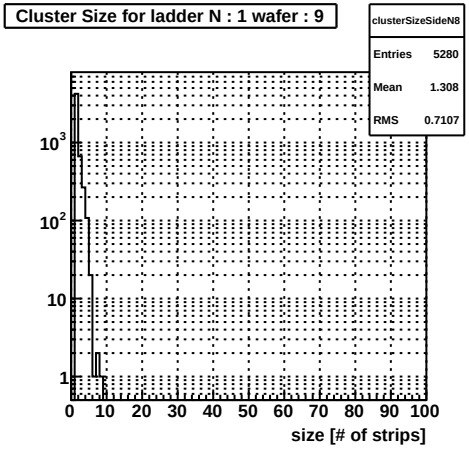

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 4295
Mean 1.336
RMS 0.81
size [# of strips]

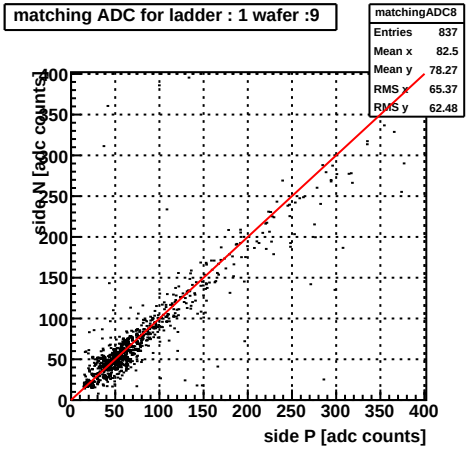

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 773
Mean x 69.29
Mean y 71.58
RMS x 64.16
RMS y 64.47
side N [adc counts]
side P [adc counts]

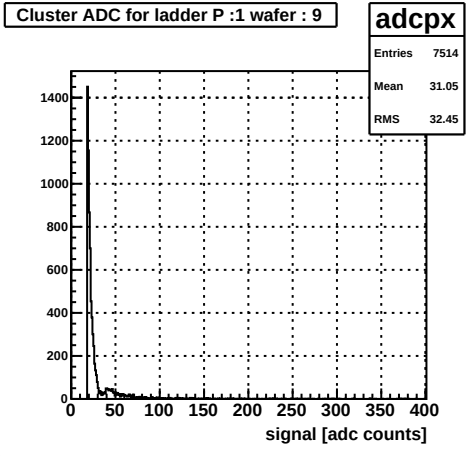

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 12832
Mean 27.89
RMS 25.23
signal [adc counts]

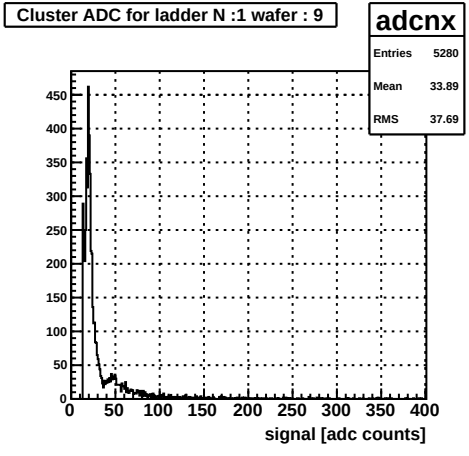

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 4295
Mean 35.84
RMS 39.73
signal [adc counts]

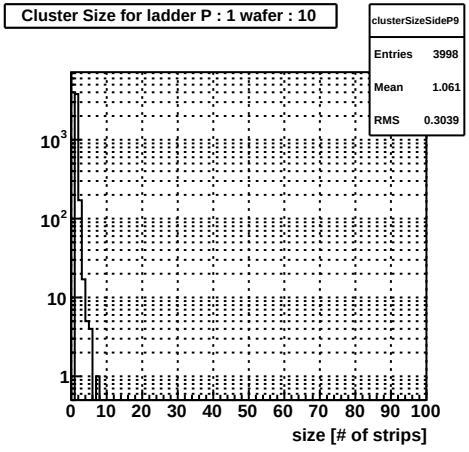

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 7514
Mean 1.137
RMS 0.4292
size [# of strips]

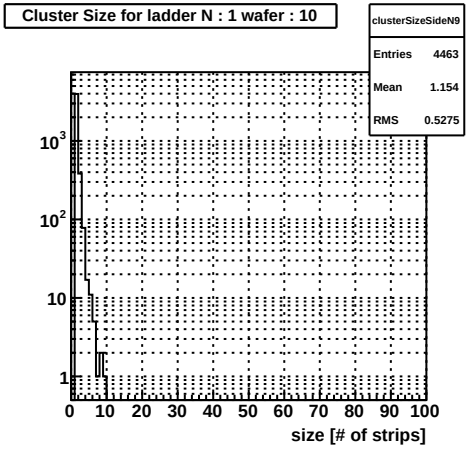

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 5280
Mean 1.308
RMS 0.7107
size [# of strips]

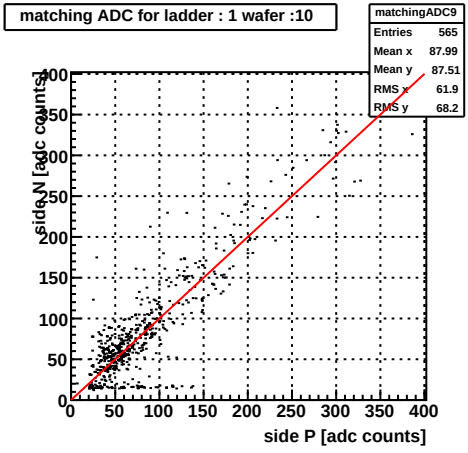

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 837
Mean x 82.5
Mean y 78.27
RMS x 65.37
RMS y 62.48
side N [adc counts]
side P [adc counts]

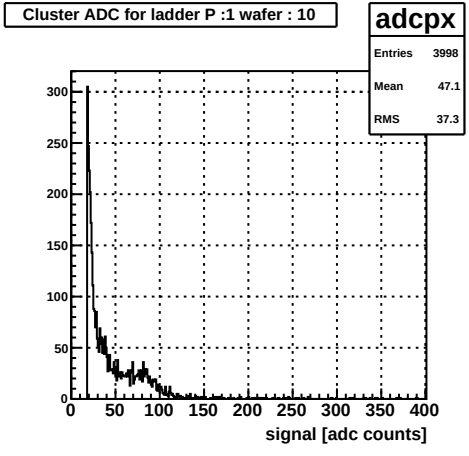

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 7514
Mean 31.05
RMS 32.45
signal [adc counts]

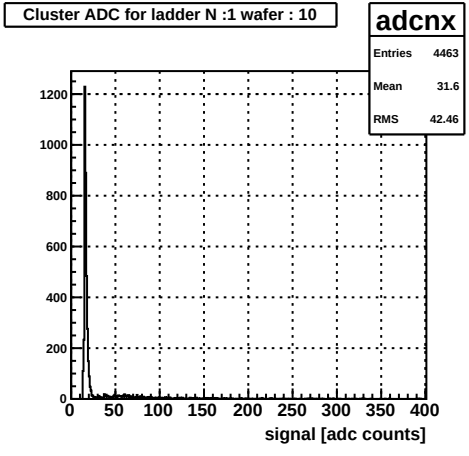

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 5280
Mean 33.89
RMS 37.69
signal [adc counts]

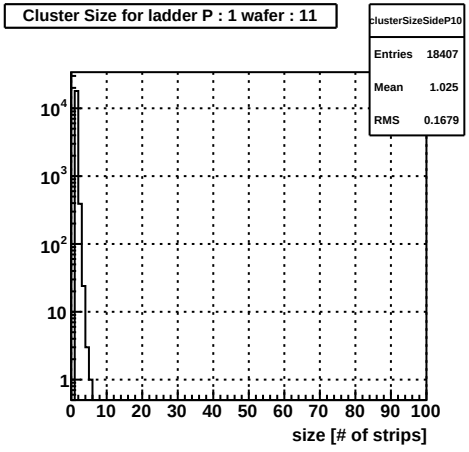

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3998
Mean 1.061
RMS 0.3039
size [# of strips]

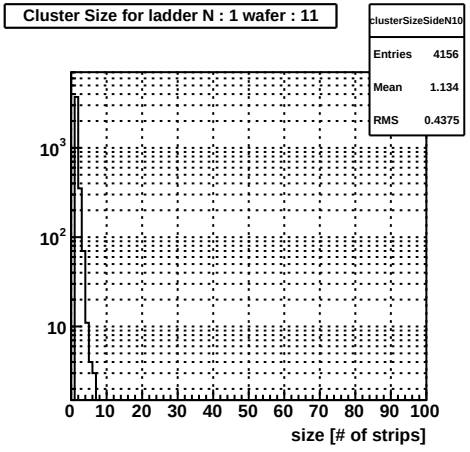

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 4463
Mean 1.154
RMS 0.5275
size [# of strips]

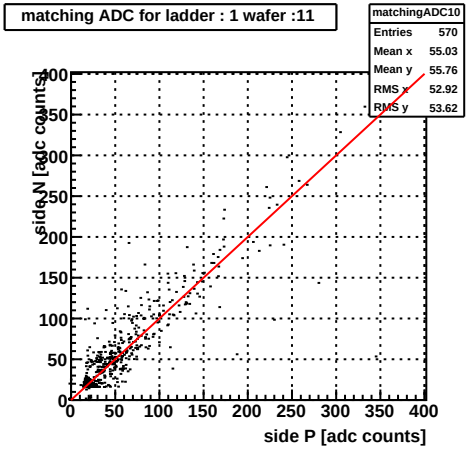

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 565
Mean x 87.99
Mean y 87.51
RMS x 61.9
RMS y 68.2
side N [adc counts]
side P [adc counts]

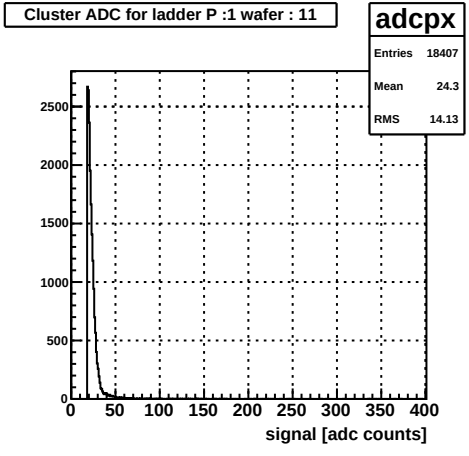

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3998
Mean 47.1
RMS 37.3
signal [adc counts]

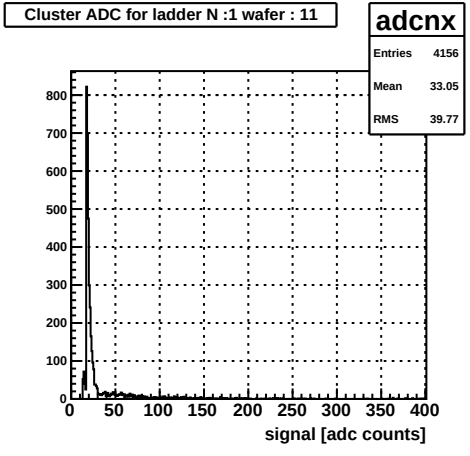

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 4463
Mean 31.6
RMS 42.46
signal [adc counts]

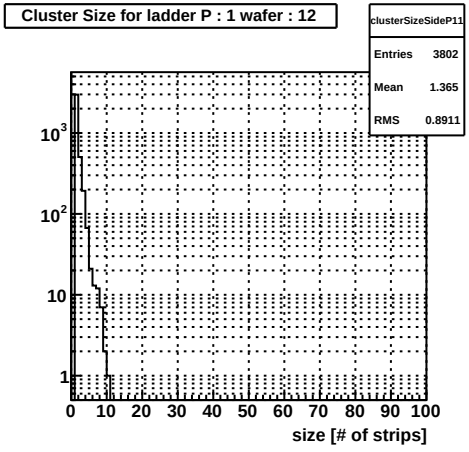

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 18407
Mean 1.025
RMS 0.1679
size [# of strips]

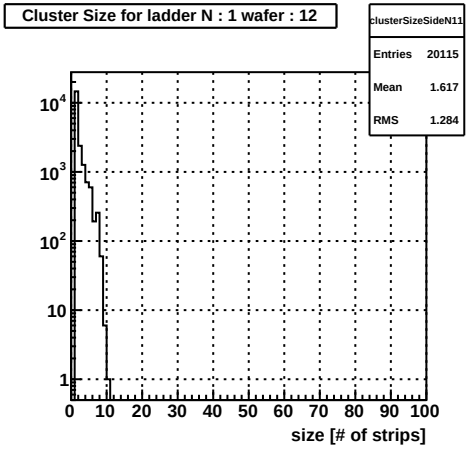

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 4156
Mean 1.134
RMS 0.4375
size [# of strips]

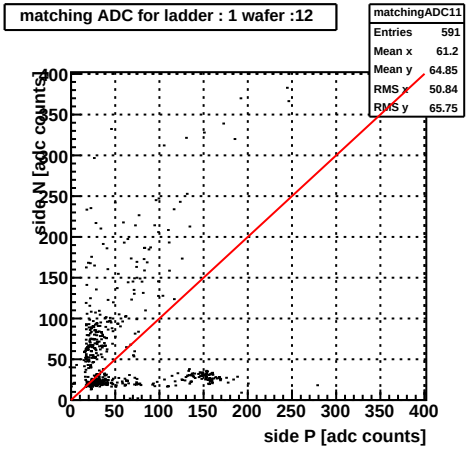

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 570
Mean x 55.03
Mean y 55.76
RMS x 52.92
RMS y 53.62
side N [adc counts]
side P [adc counts]

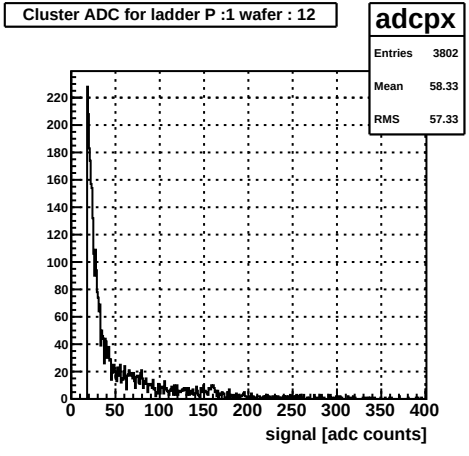

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 18407
Mean 24.3
RMS 14.13
signal [adc counts]

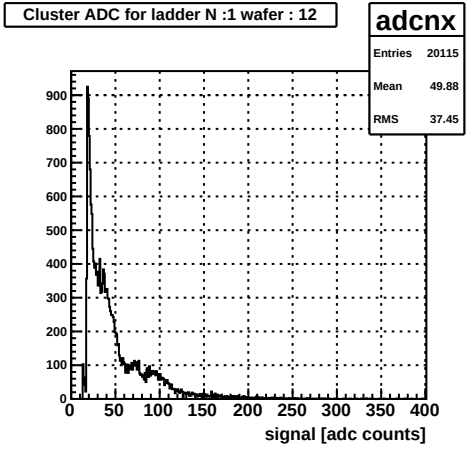

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 4156
Mean 33.05
RMS 39.77
signal [adc counts]

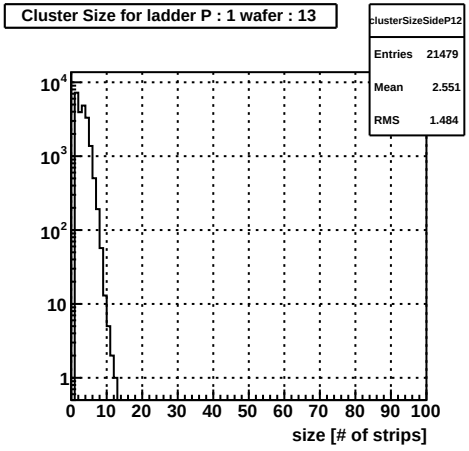

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 3802
Mean 1.365
RMS 0.8911
size [# of strips]

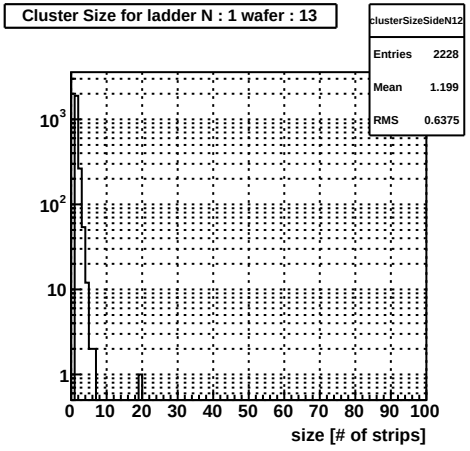

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 20115
Mean 1.617
RMS 1.284
size [# of strips]

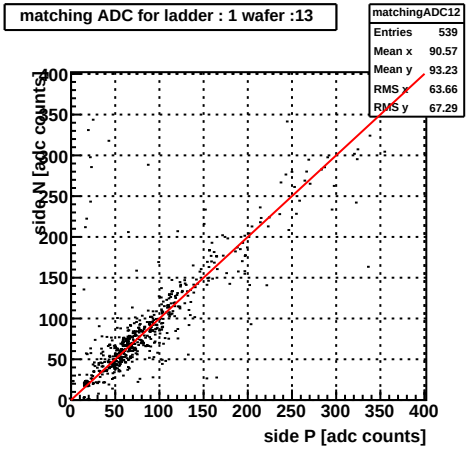

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 591
Mean x 61.2
Mean y 64.85
RMS x 50.84
RMS y 65.75
side N [adc counts]
side P [adc counts]

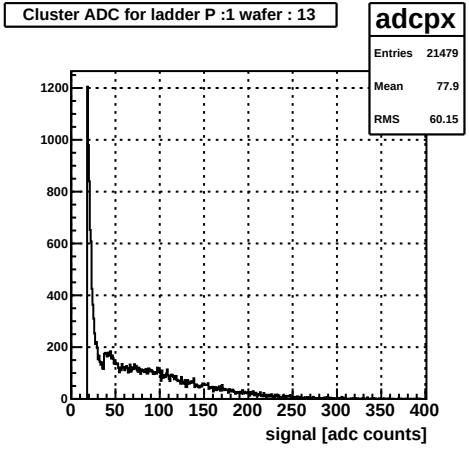

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 3802
Mean 58.33
RMS 57.33
signal [adc counts]

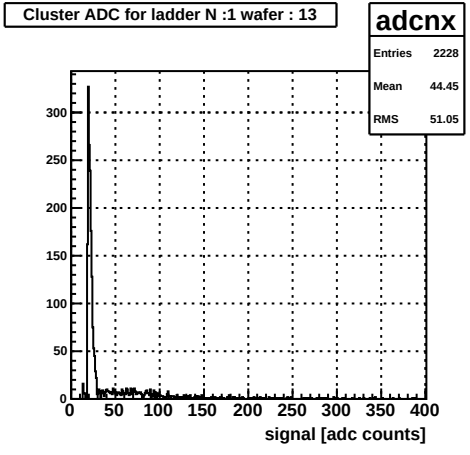

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 20115
Mean 49.88
RMS 37.45
signal [adc counts]

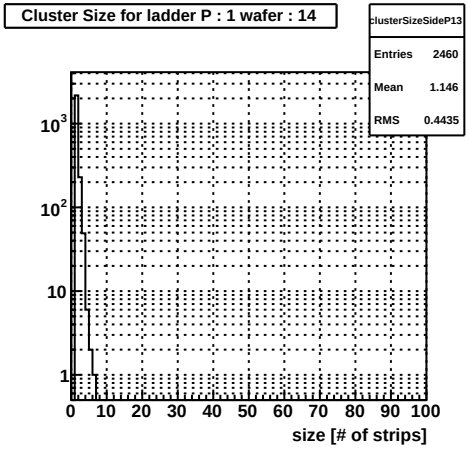

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 21479
Mean 2.551
RMS 1.484
size [# of strips]

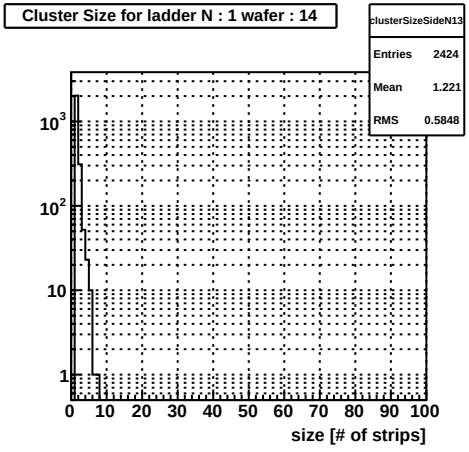

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 2228
Mean 1.199
RMS 0.6375
size [# of strips]

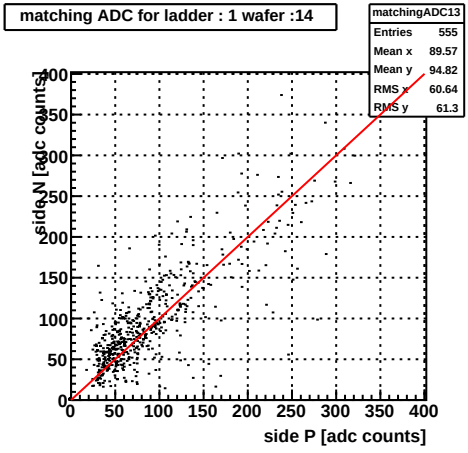

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 539
Mean x 90.57
Mean y 93.23
RMS x 63.66
RMS y 67.29
side N [adc counts]
side P [adc counts]

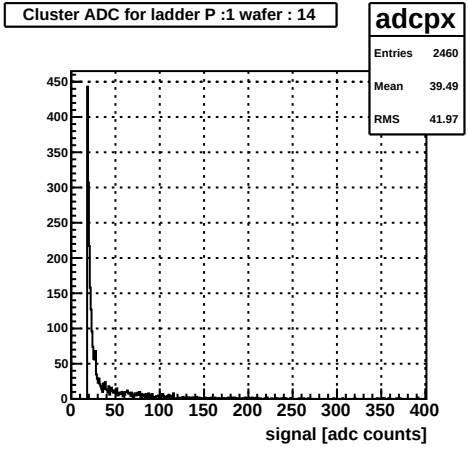

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 21479
Mean 77.9
RMS 60.15
signal [adc counts]

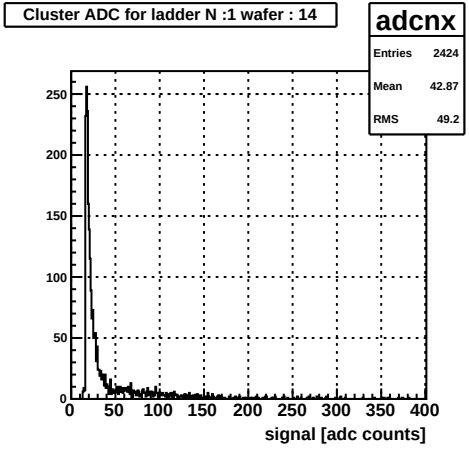

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 2228
Mean 44.45
RMS 51.05
signal [adc counts]

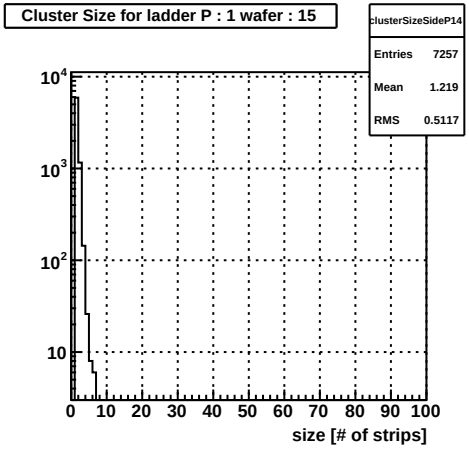

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2460
Mean 1.146
RMS 0.4435
size [# of strips]

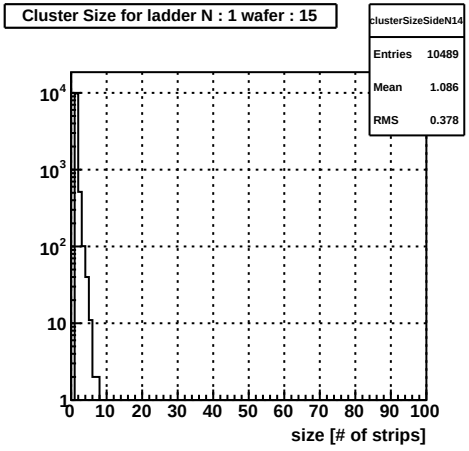

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2424
Mean 1.221
RMS 0.5848
size [# of strips]

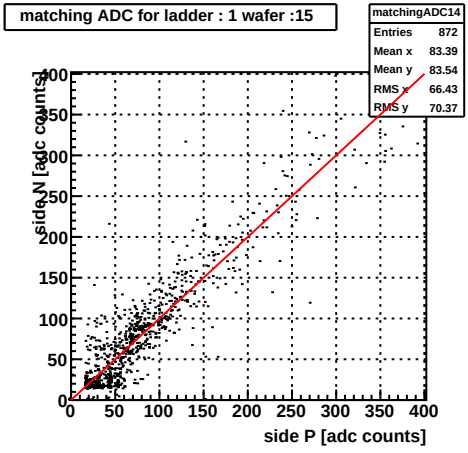

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 555
Mean x 89.57
Mean y 94.82
RMS x 60.64
RMS y 61.3
side N [adc counts]
side P [adc counts]

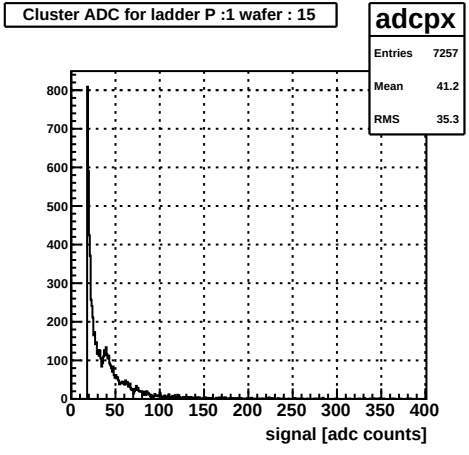

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2460
Mean 39.49
RMS 41.97
signal [adc counts]

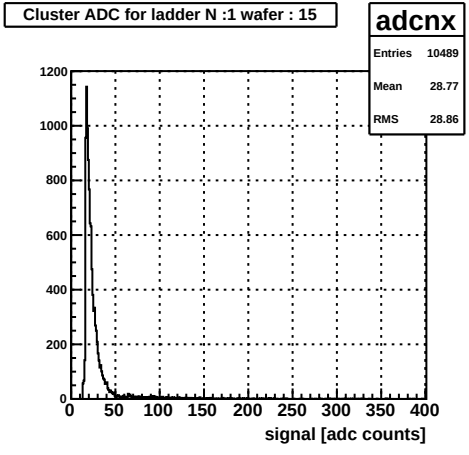

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2424
Mean 42.87
RMS 49.2
signal [adc counts]

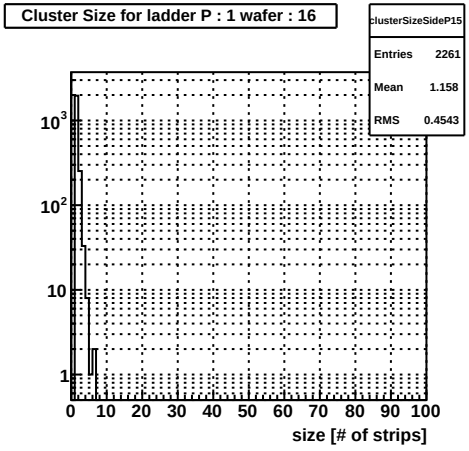

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7257
Mean 1.219
RMS 0.5117
size [# of strips]

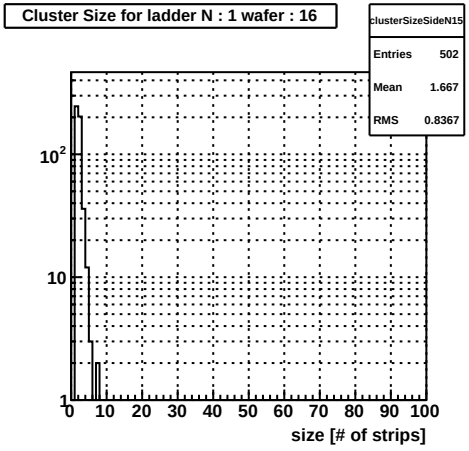

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 10489
Mean 1.086
RMS 0.378
size [# of strips]

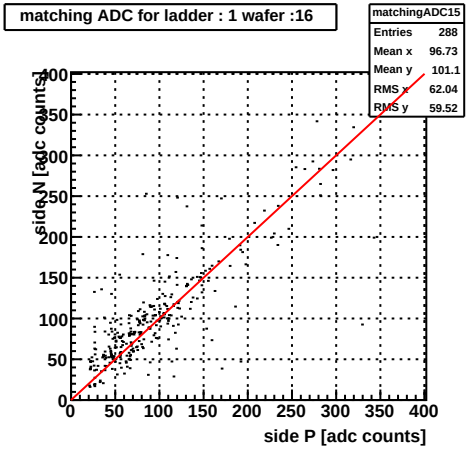

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 872
Mean x 83.39
Mean y 83.54
RMS x 66.43
RMS y 70.37
side N [adc counts]
side P [adc counts]

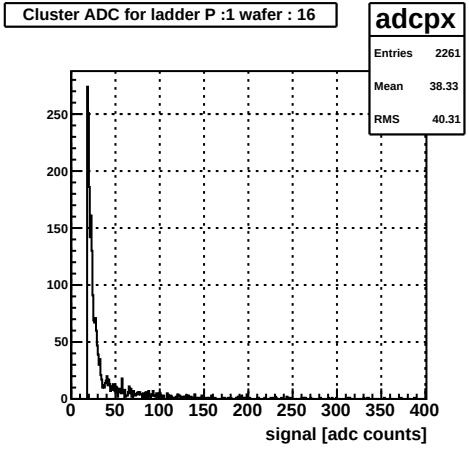

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7257
Mean 41.2
RMS 35.3
signal [adc counts]

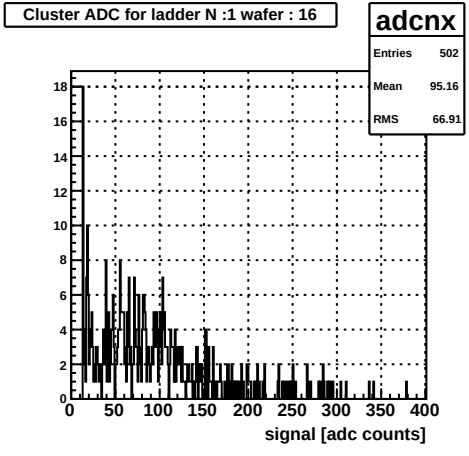

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 10489
Mean 28.77
RMS 28.86
signal [adc counts]

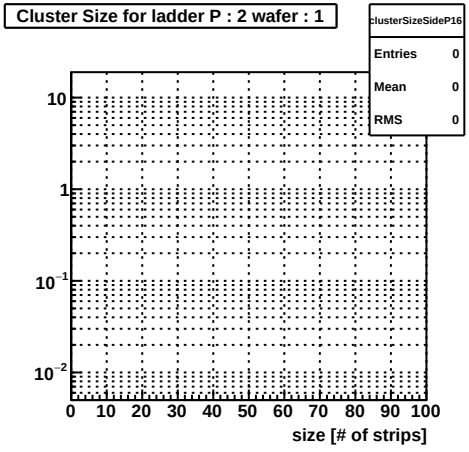

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2261
Mean 1.158
RMS 0.4543
size [# of strips]

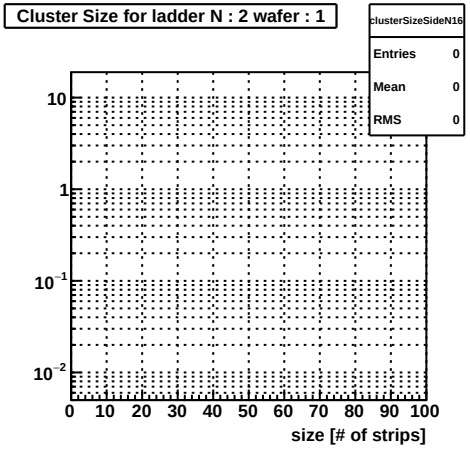

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 502
Mean 1.667
RMS 0.8367
size [# of strips]

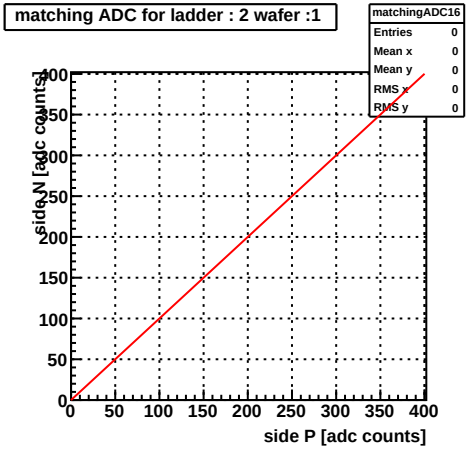

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 288
Mean x 96.73
Mean y 101.1
RMS x 62.04
RMS y 59.52
side N [adc counts]
side P [adc counts]

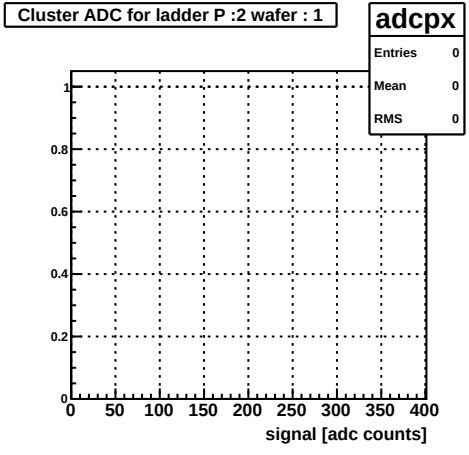

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2261
Mean 38.33
RMS 40.31
signal [adc counts]

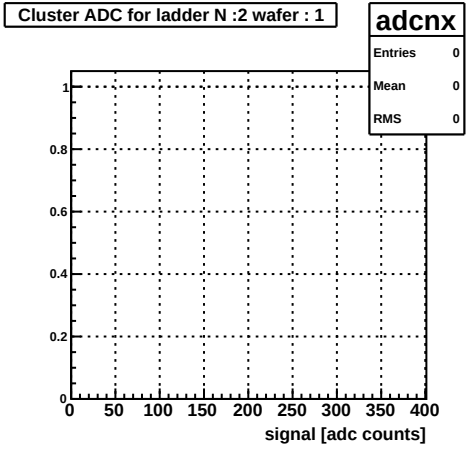

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 502
Mean 95.16
RMS 66.91
signal [adc counts]

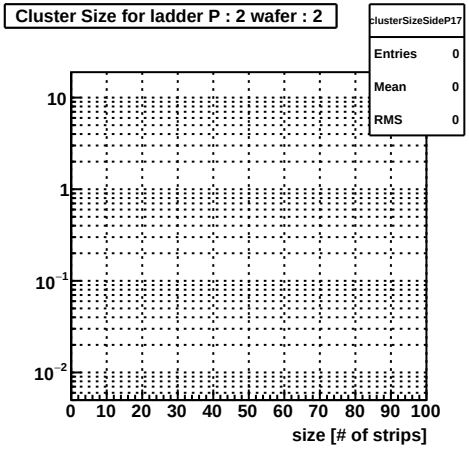

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

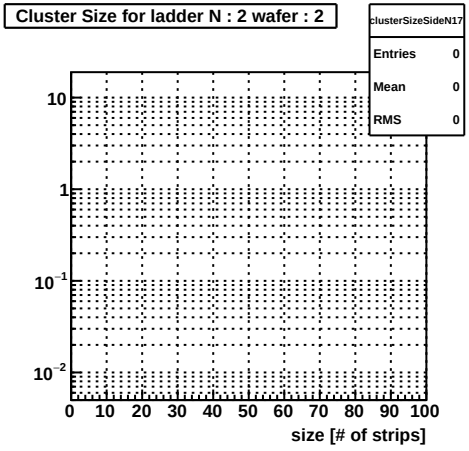

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

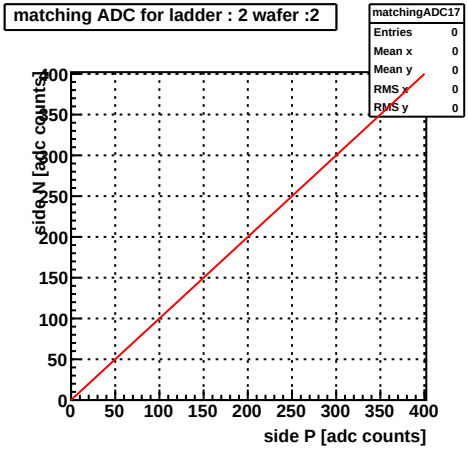

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

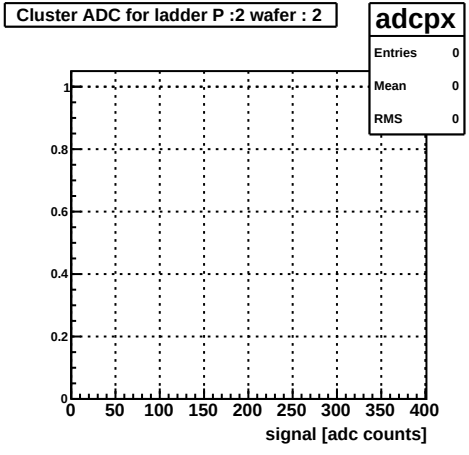

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

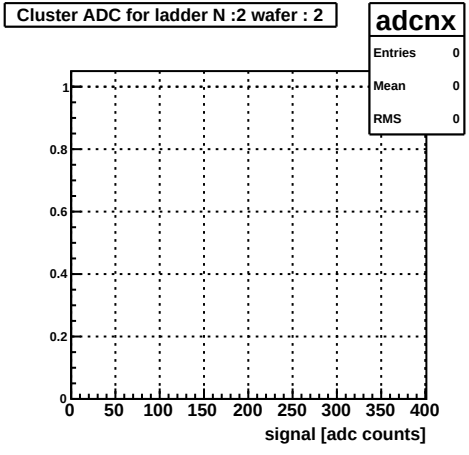

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

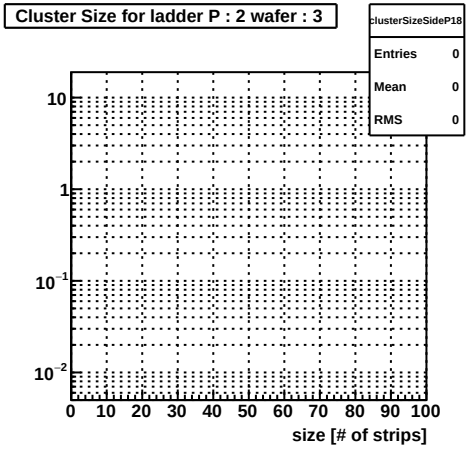

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

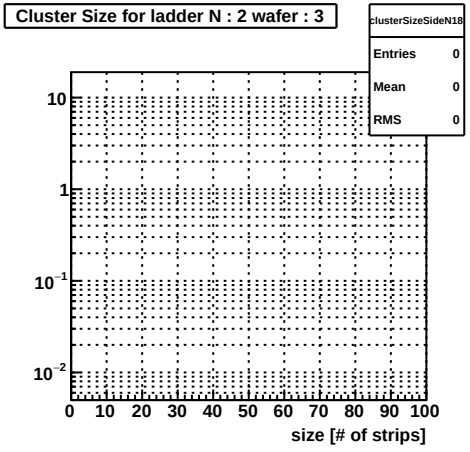

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

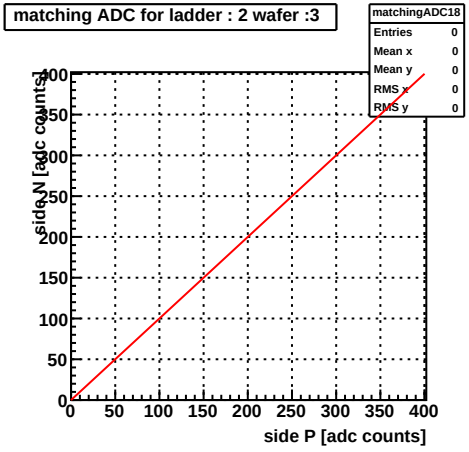

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

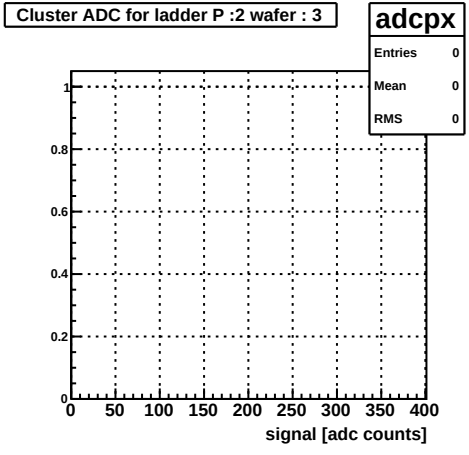

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

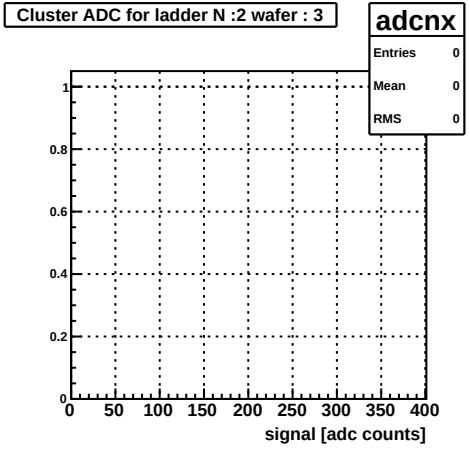

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

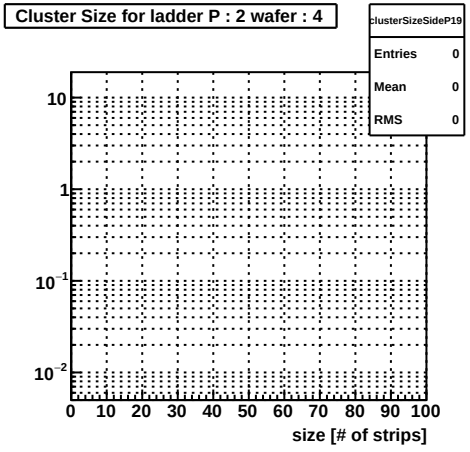

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

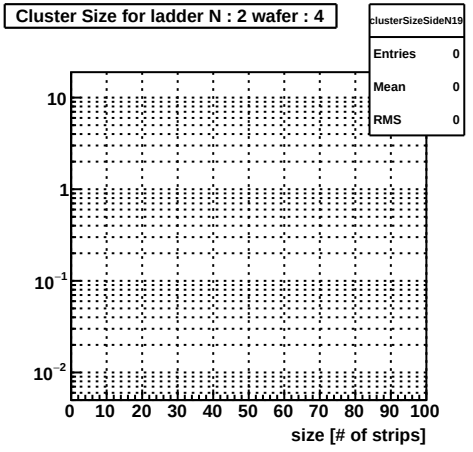

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

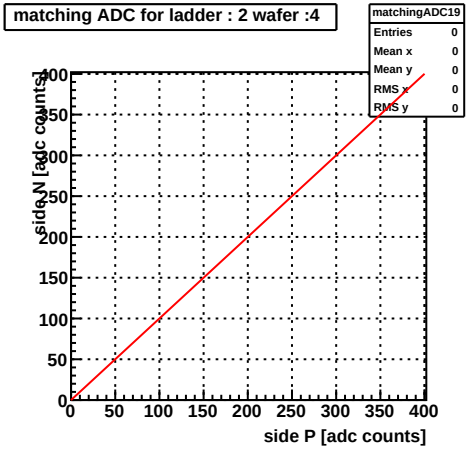

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

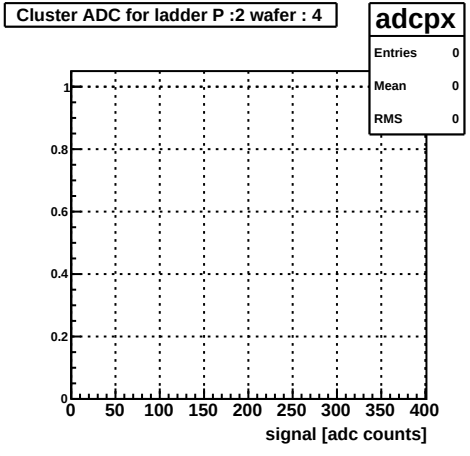

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

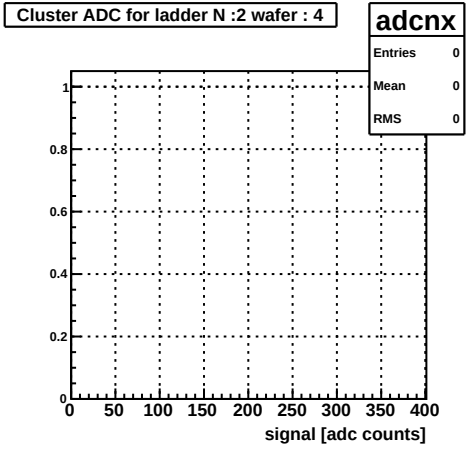

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

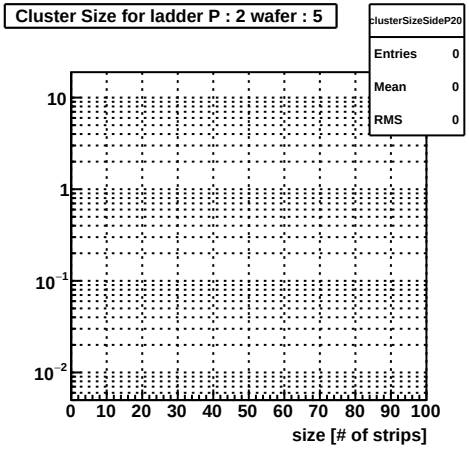

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

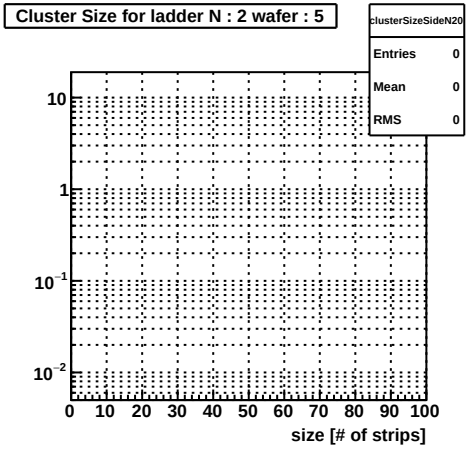

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

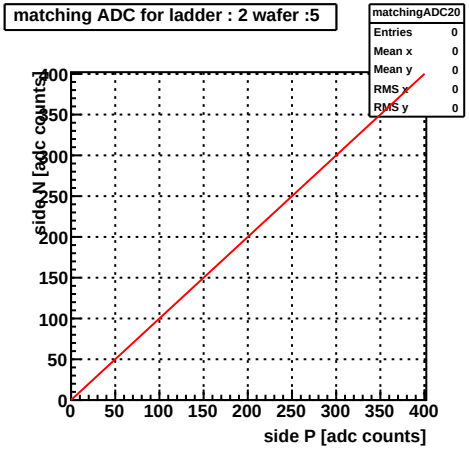

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

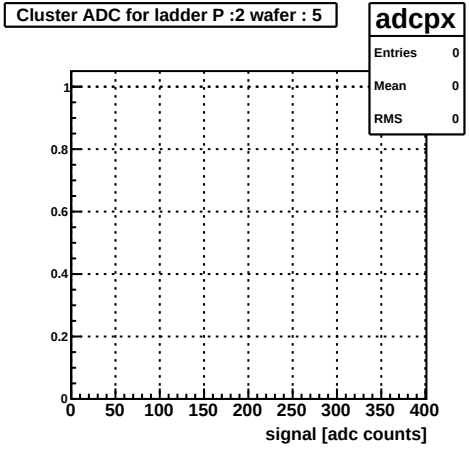

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

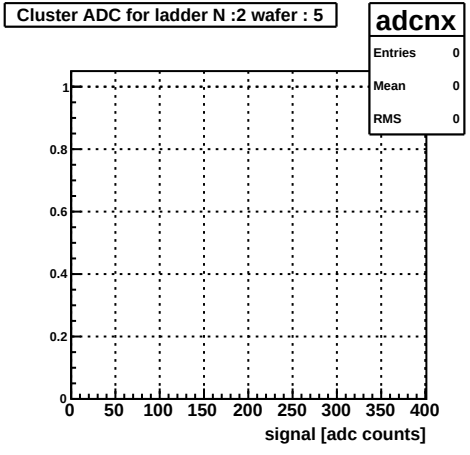

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

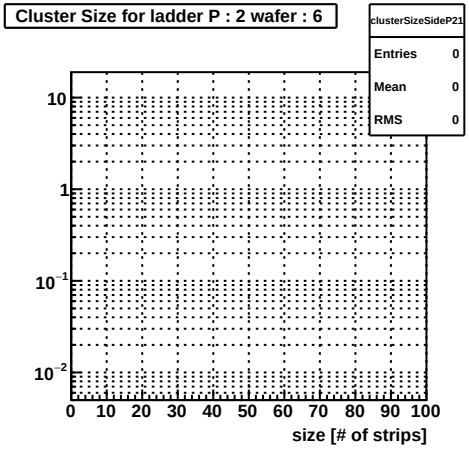

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

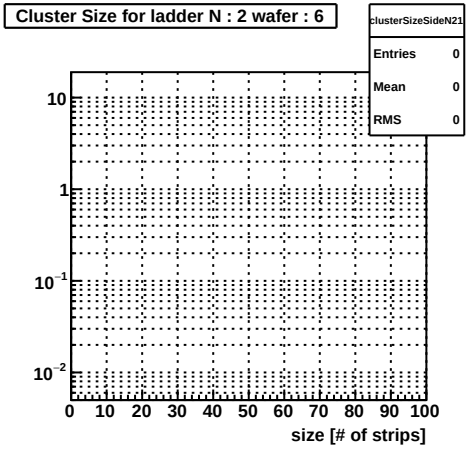

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

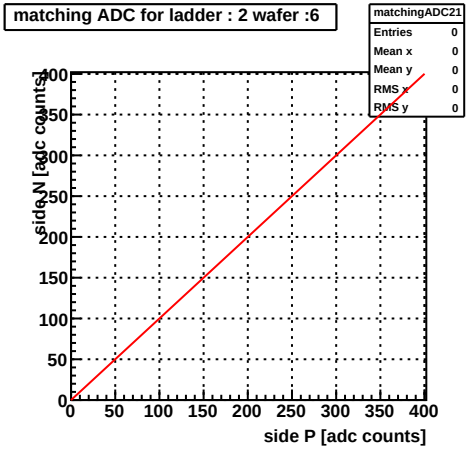

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

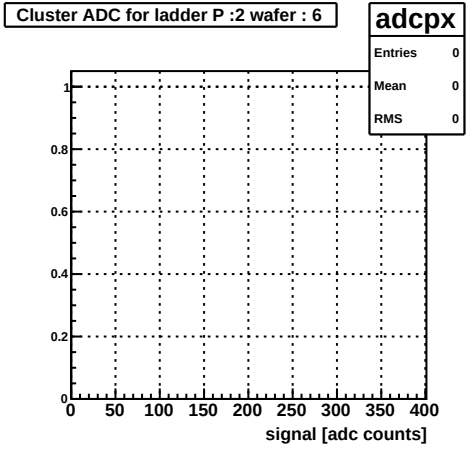

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

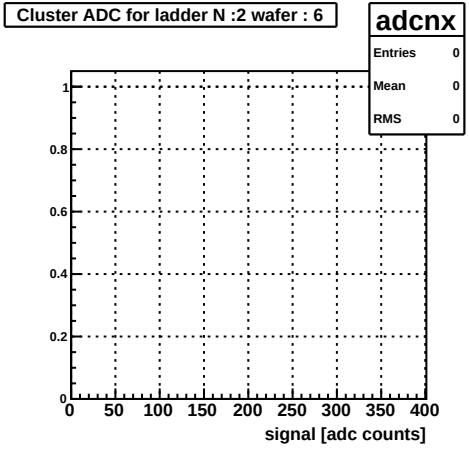

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

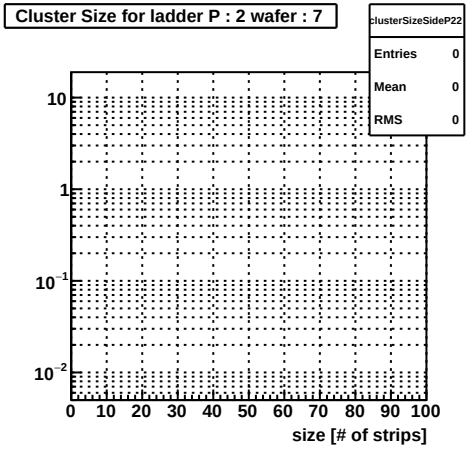

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

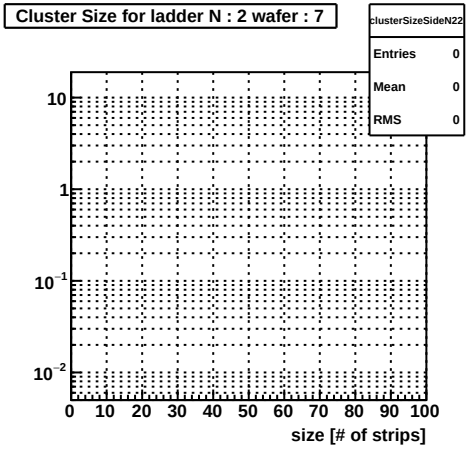

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

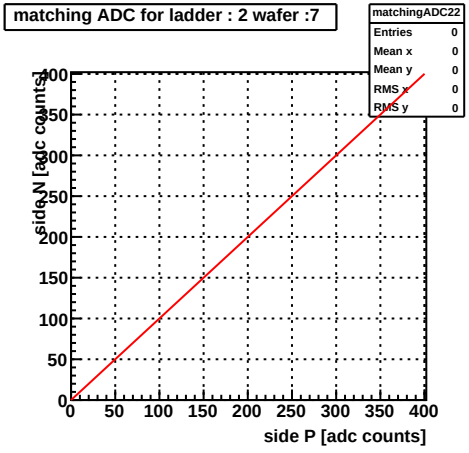

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

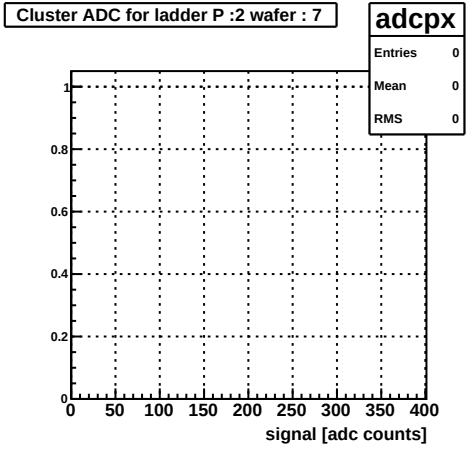

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

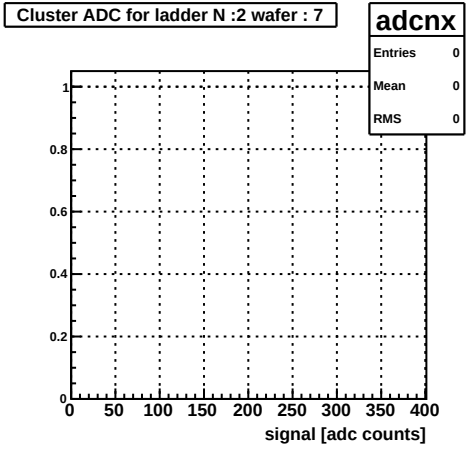

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

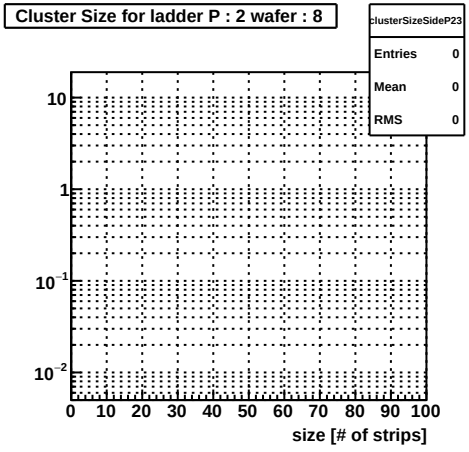

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

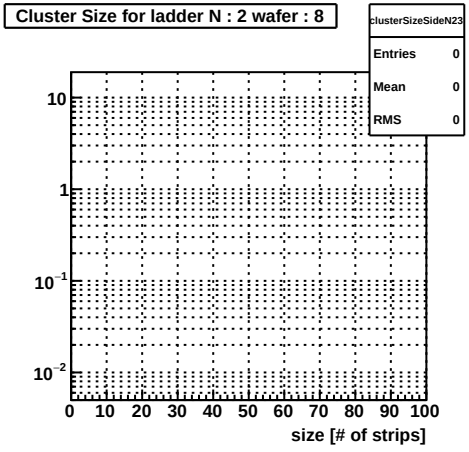

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

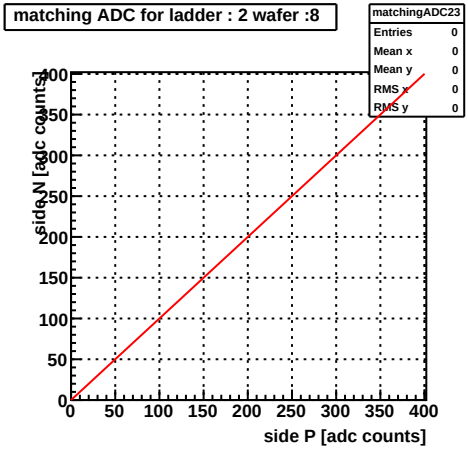

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

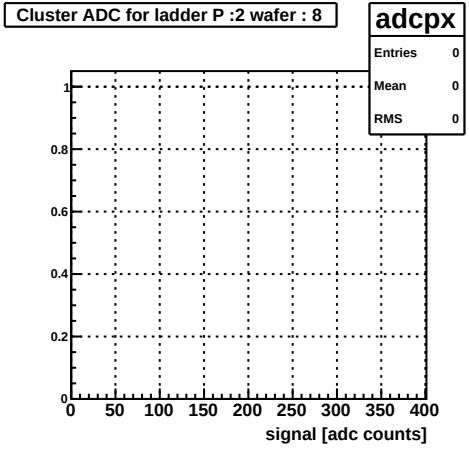

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

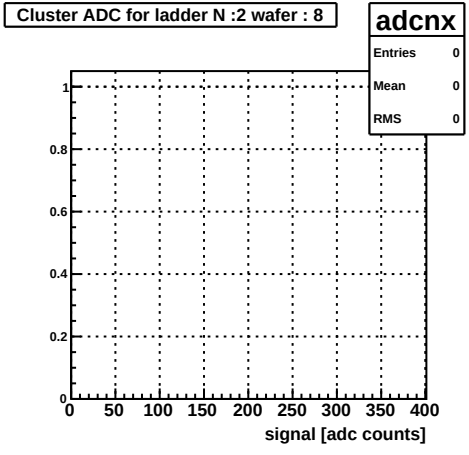

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

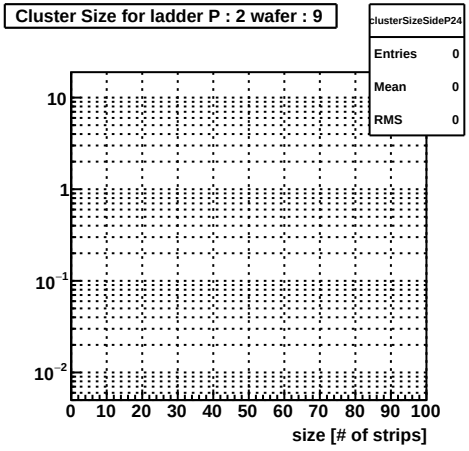

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

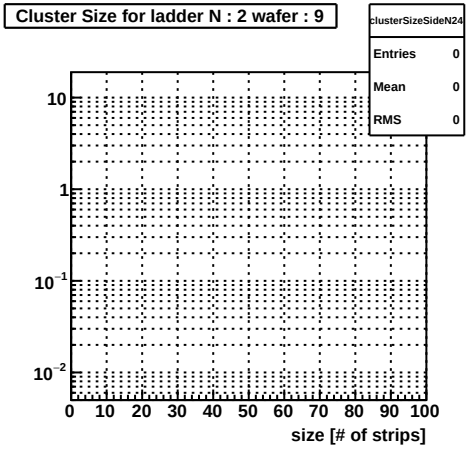

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

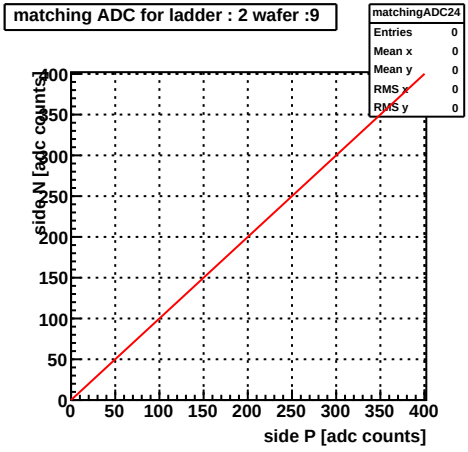

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

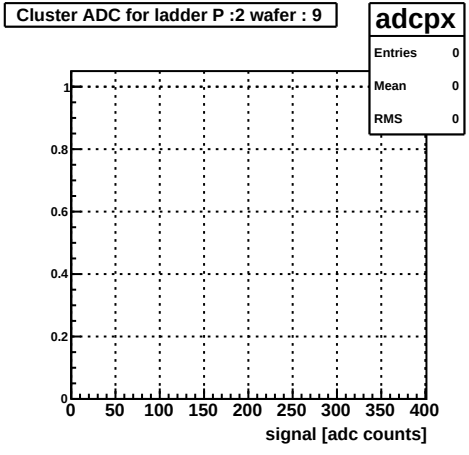

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

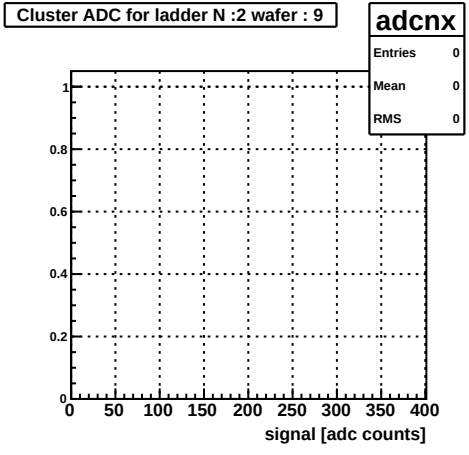

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

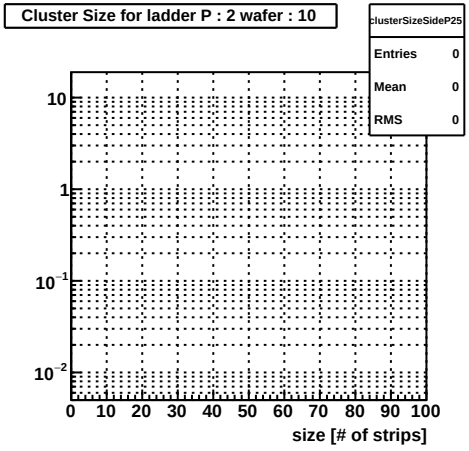

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

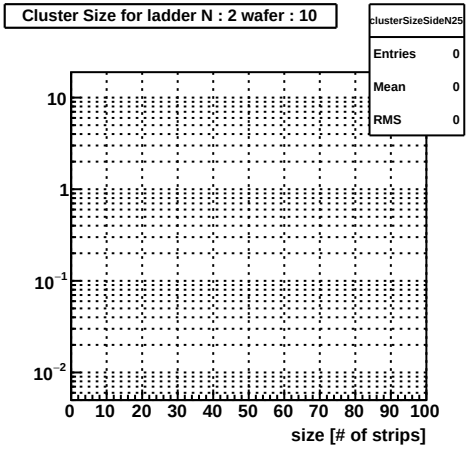

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

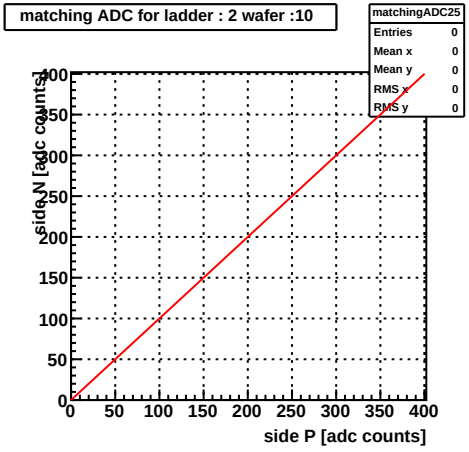

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

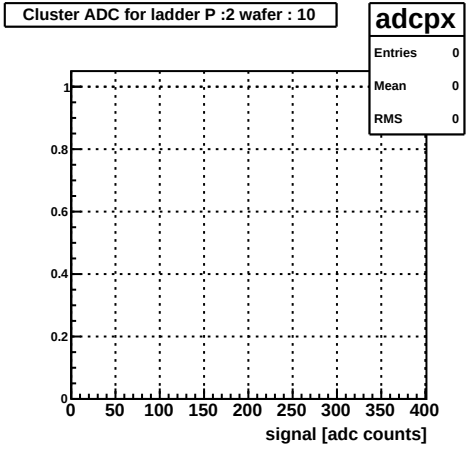

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

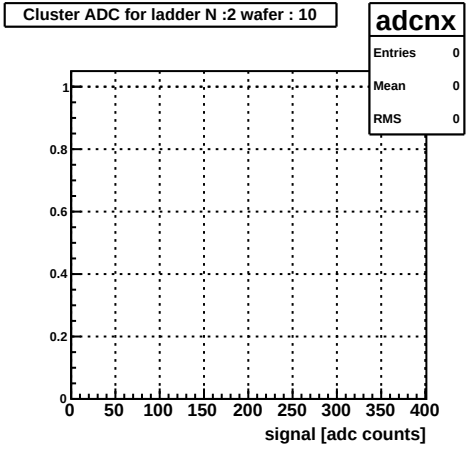

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

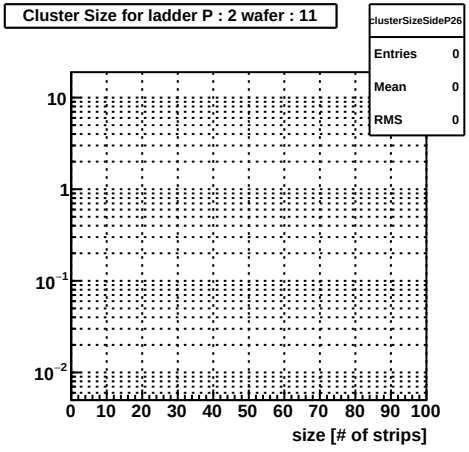

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

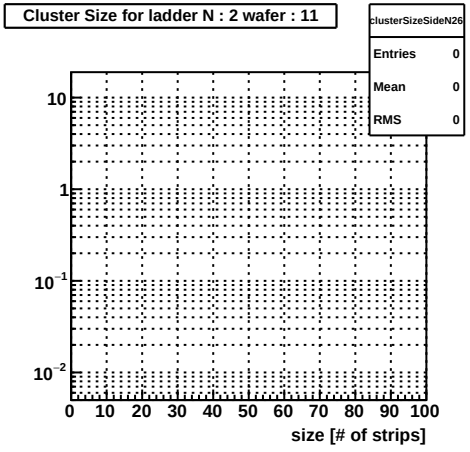

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

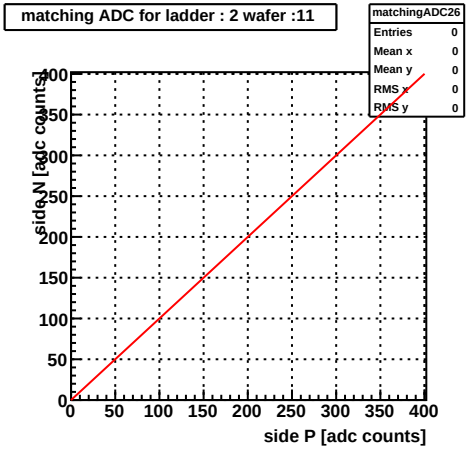

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

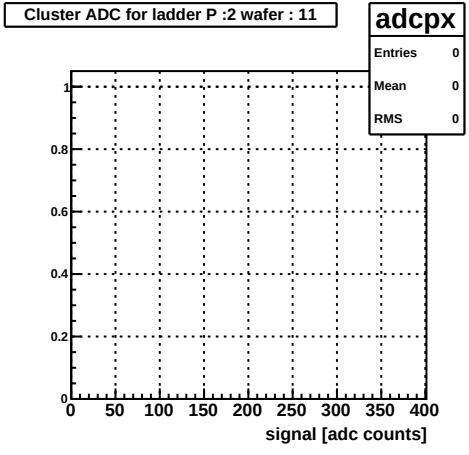

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

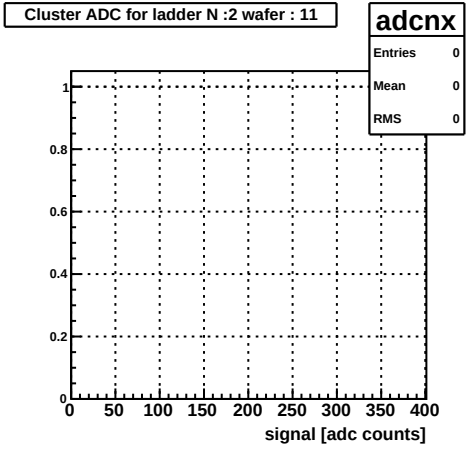

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

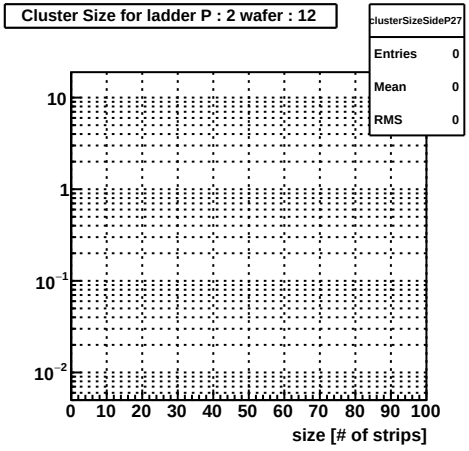

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

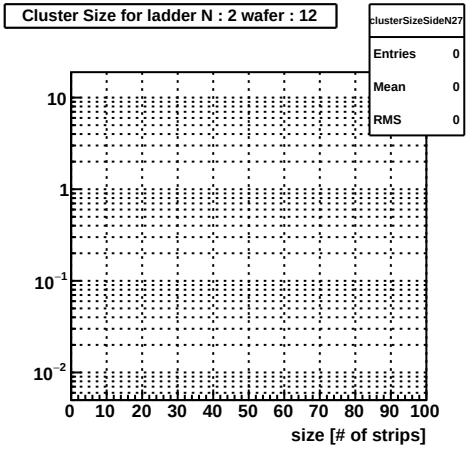

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

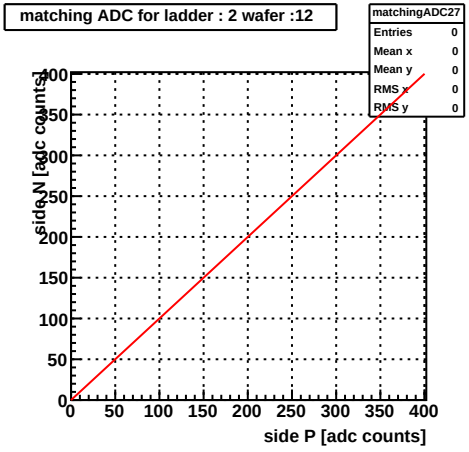

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

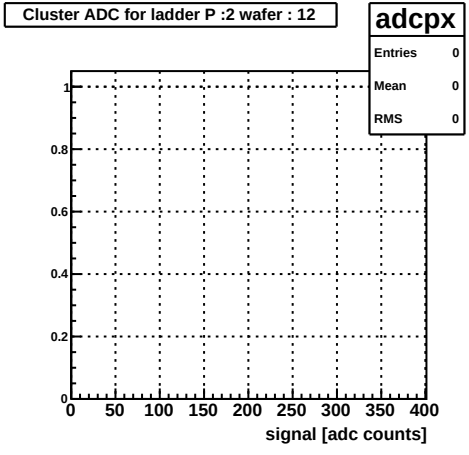

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

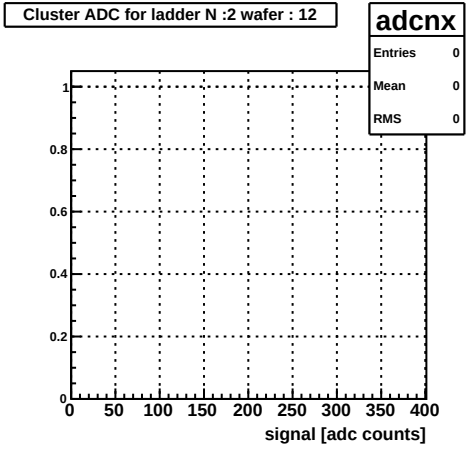

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

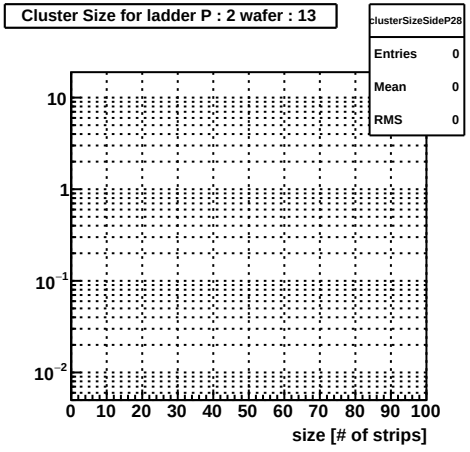

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

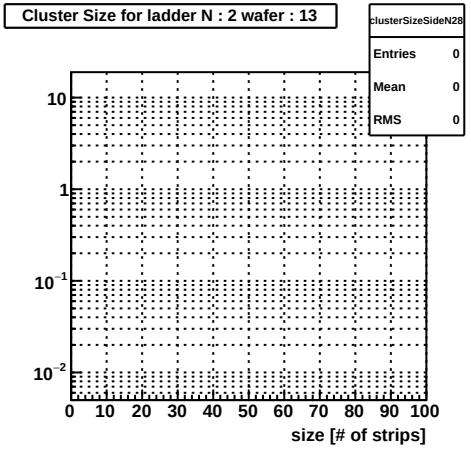

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

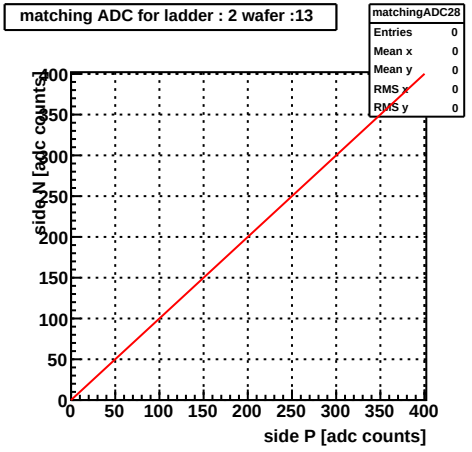

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

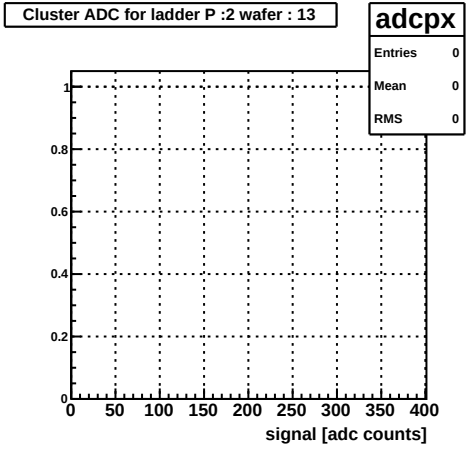

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

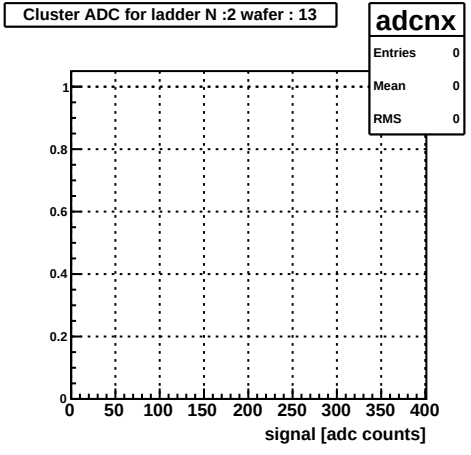

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

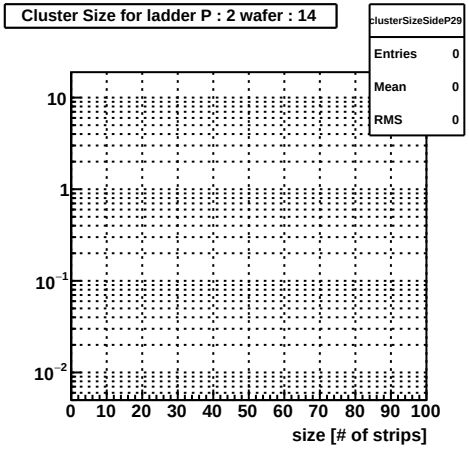

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

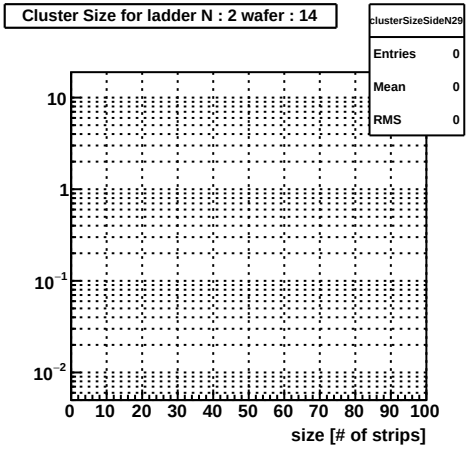

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

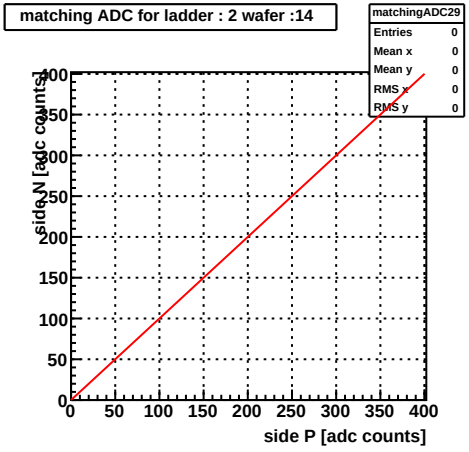

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

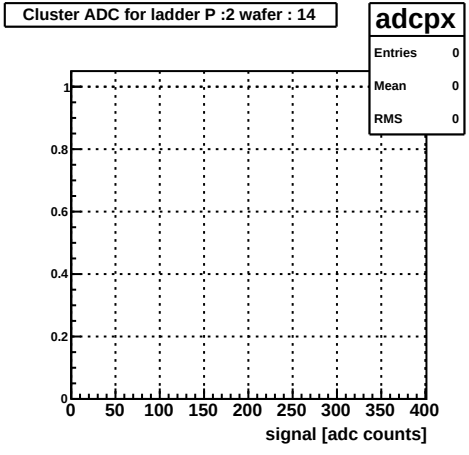

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

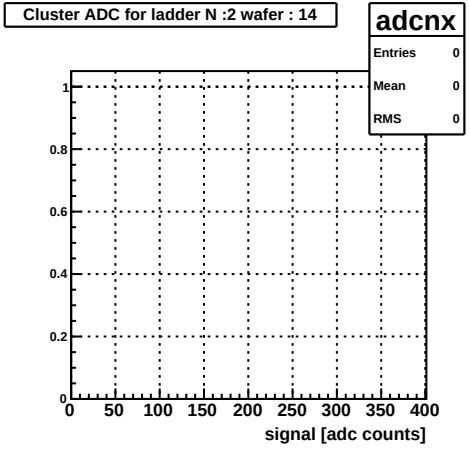

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

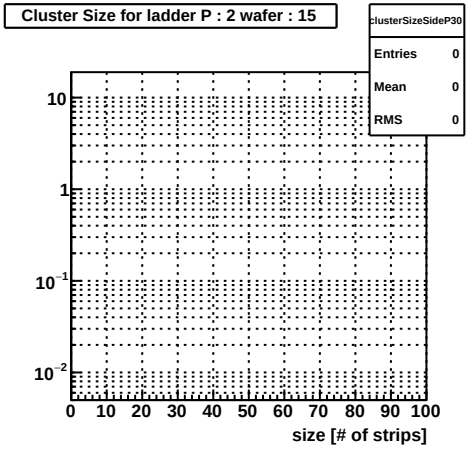

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

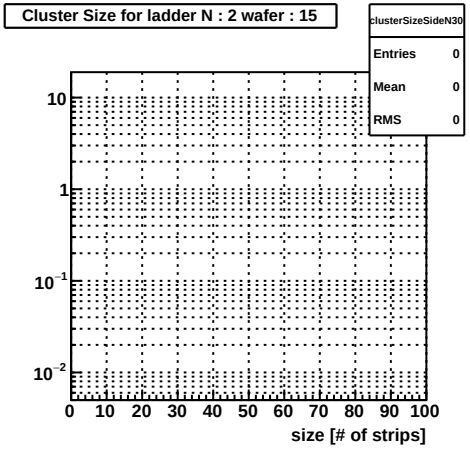

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

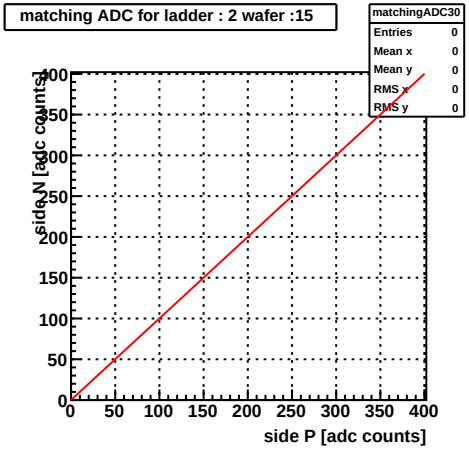

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

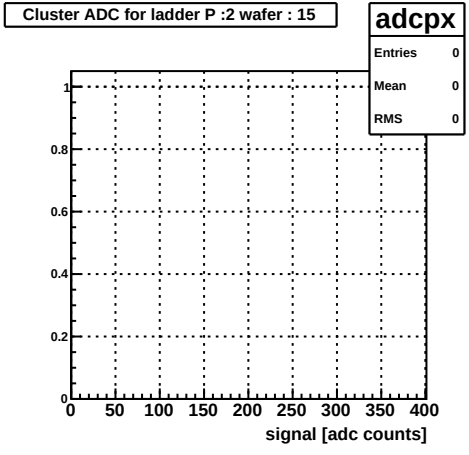

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

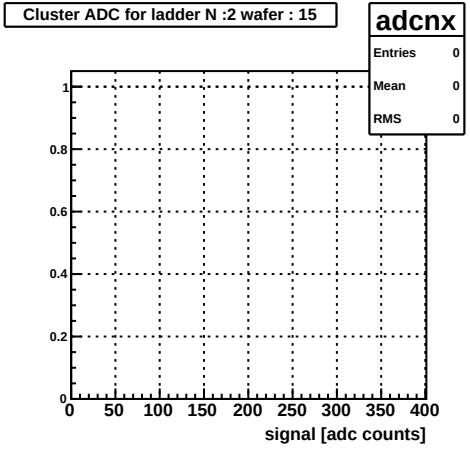

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

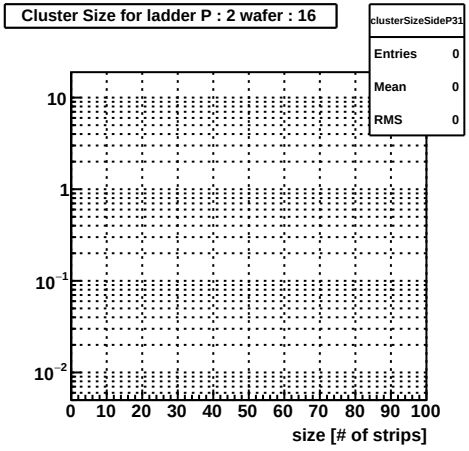

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

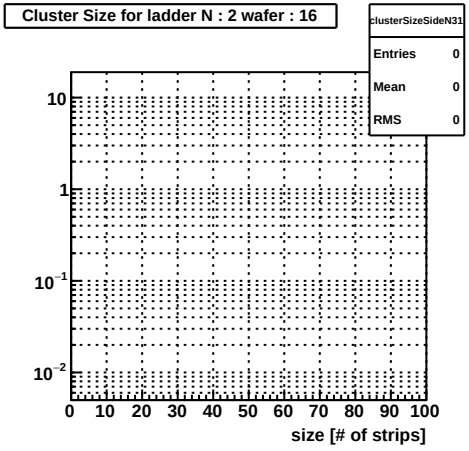

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

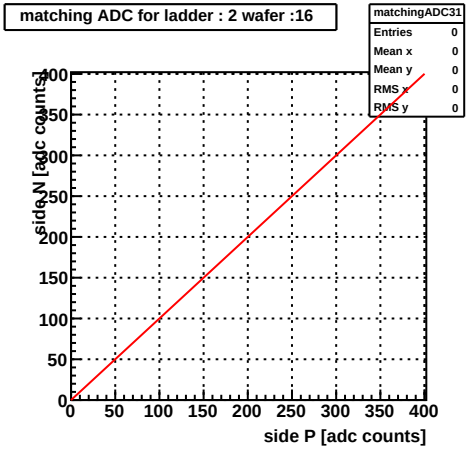

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

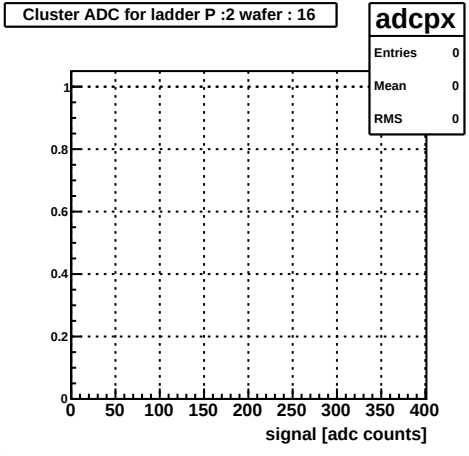

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

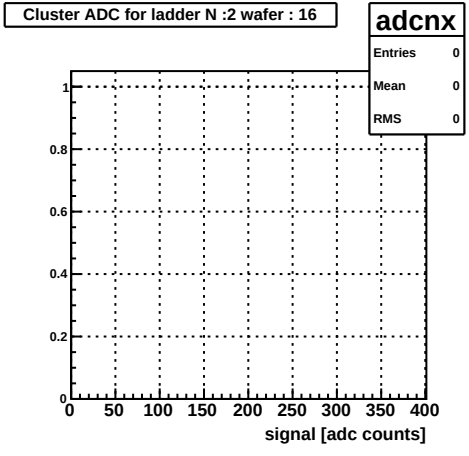

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

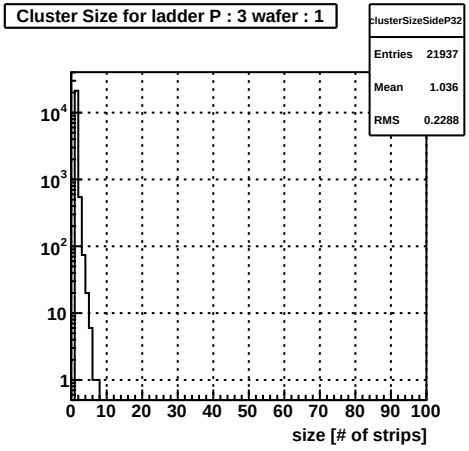

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

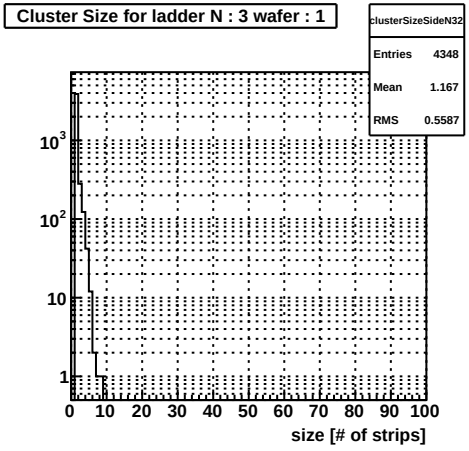

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

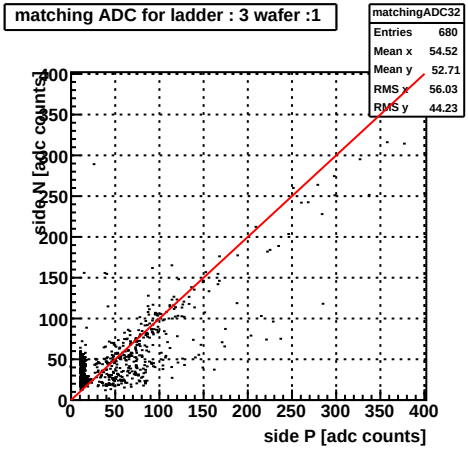

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

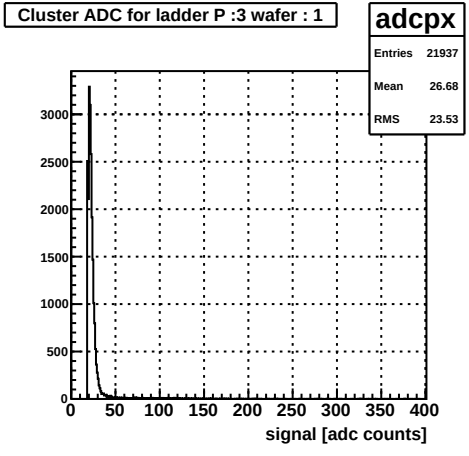

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

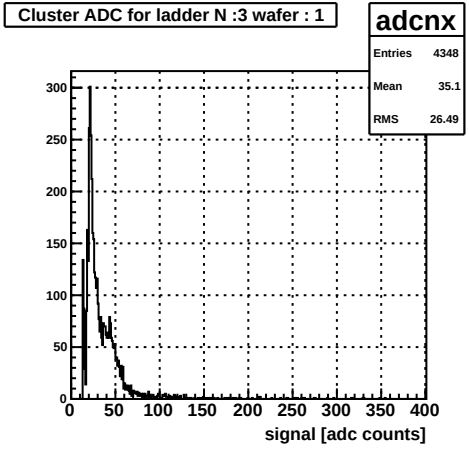

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

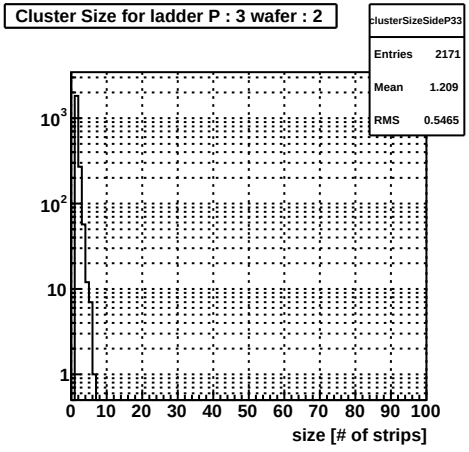

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 21937
Mean 1.036
RMS 0.2288
size [# of strips]

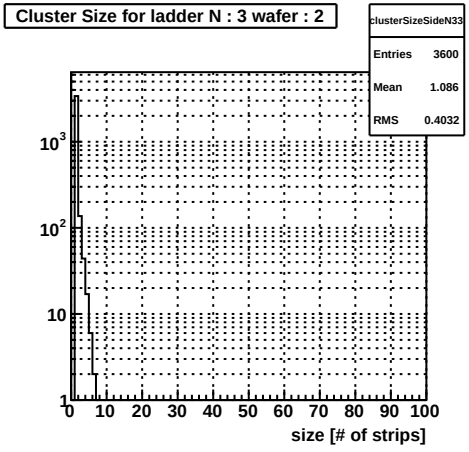

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 4348
Mean 1.167
RMS 0.5587
size [# of strips]

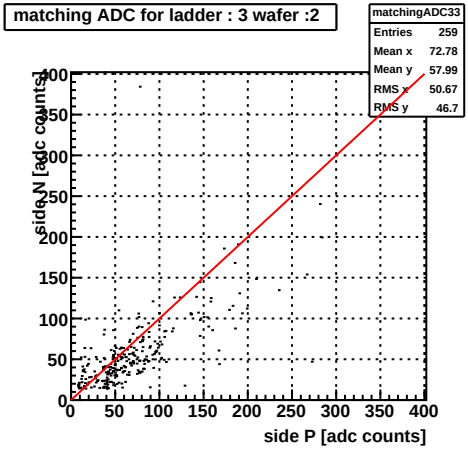

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 680
Mean x 54.52
Mean y 52.71
RMS x 56.03
RMS y 44.23
side N [adc counts]
side P [adc counts]

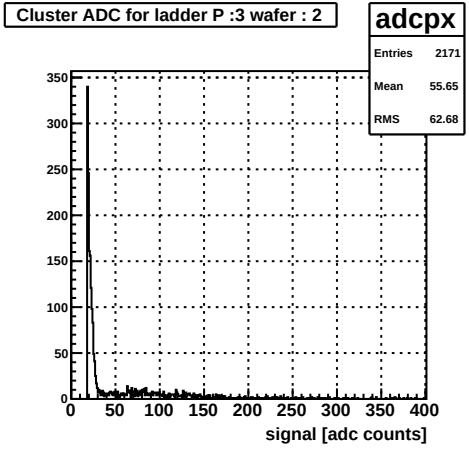

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 21937
Mean 26.68
RMS 23.53
signal [adc counts]

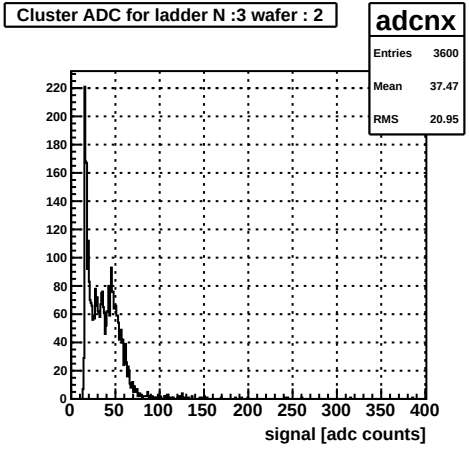

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 4348
Mean 35.1
RMS 26.49
signal [adc counts]

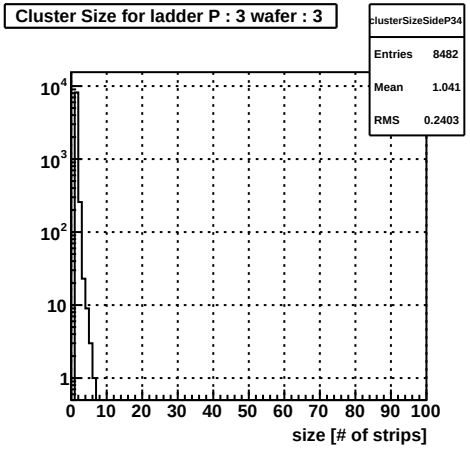

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2171
Mean 1.209
RMS 0.5465
size [# of strips]

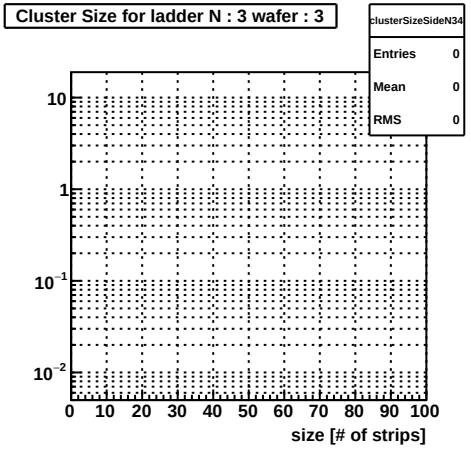

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3600
Mean 1.086
RMS 0.4032
size [# of strips]

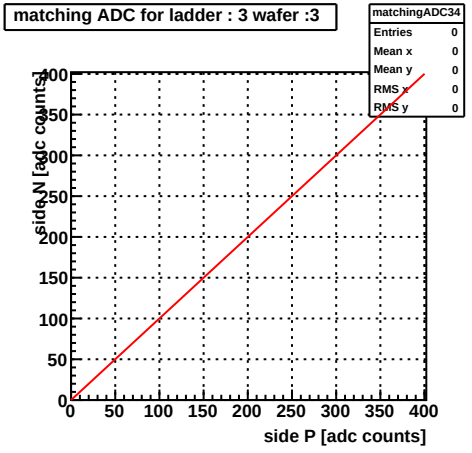

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 259
Mean x 72.78
Mean y 57.99
RMS x 50.67
RMS y 46.7
side N [adc counts]
side P [adc counts]

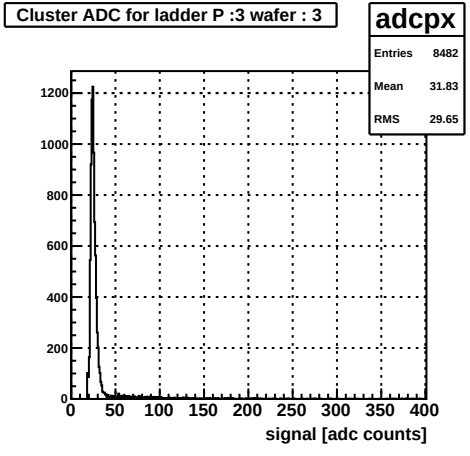

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2171
Mean 55.65
RMS 62.68
signal [adc counts]

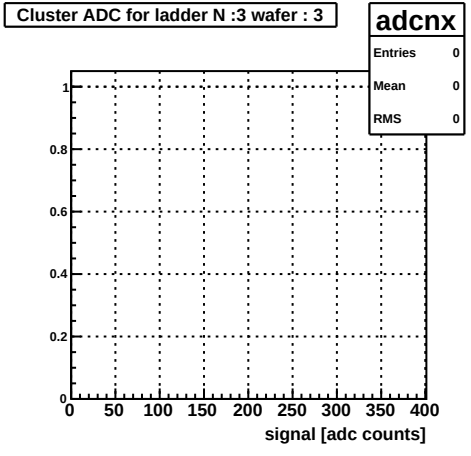

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3600
Mean 37.47
RMS 20.95
signal [adc counts]

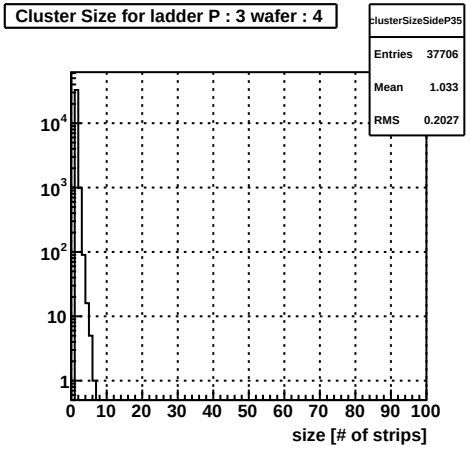

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 8482
Mean 1.041
RMS 0.2403
size [# of strips]

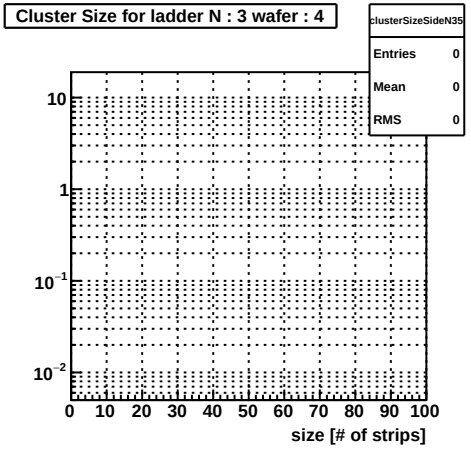

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

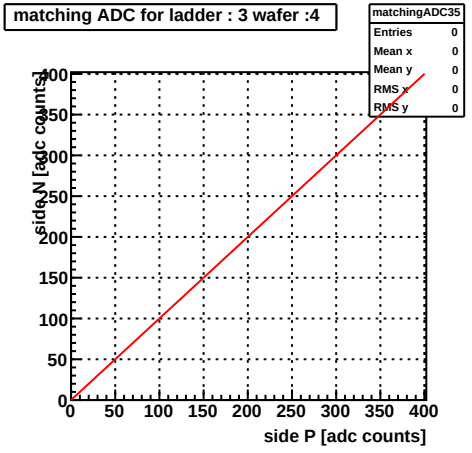

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

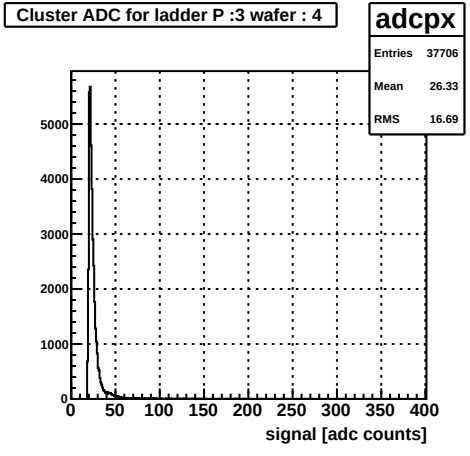

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 8482
Mean 31.83
RMS 29.65
signal [adc counts]

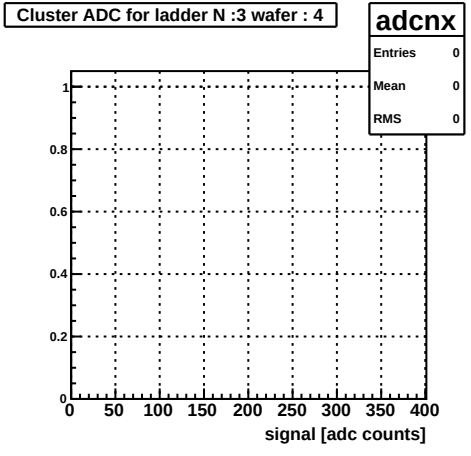

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

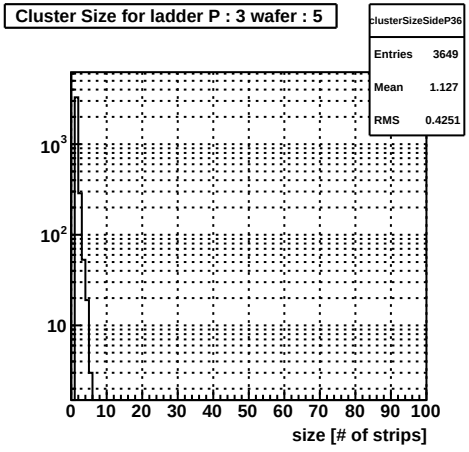

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 37706
Mean 1.033
RMS 0.2027
size [# of strips]

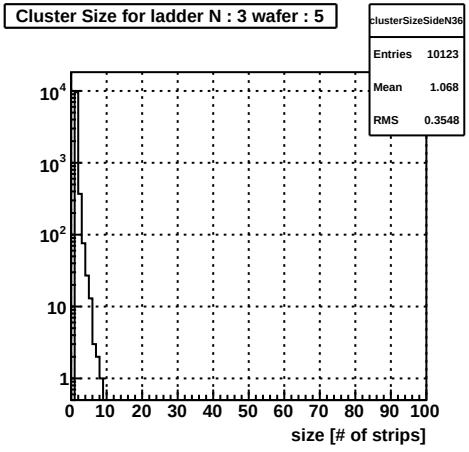

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

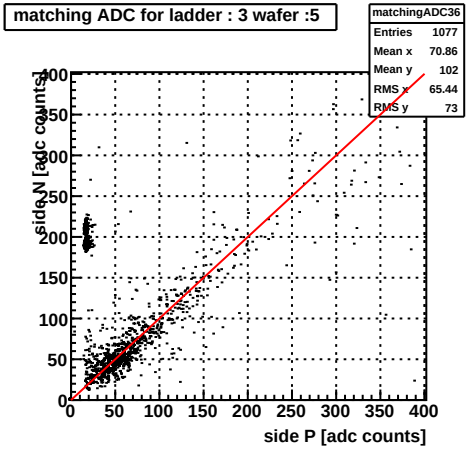

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

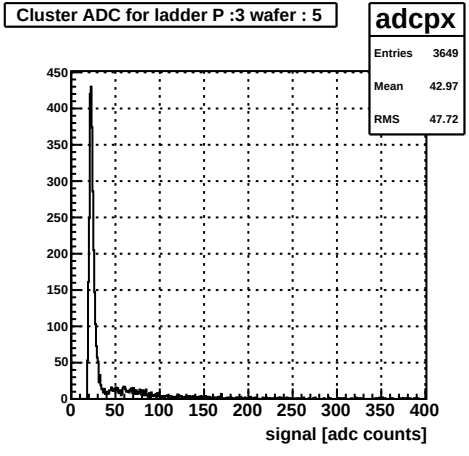

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 37706
Mean 26.33
RMS 16.69
signal [adc counts]

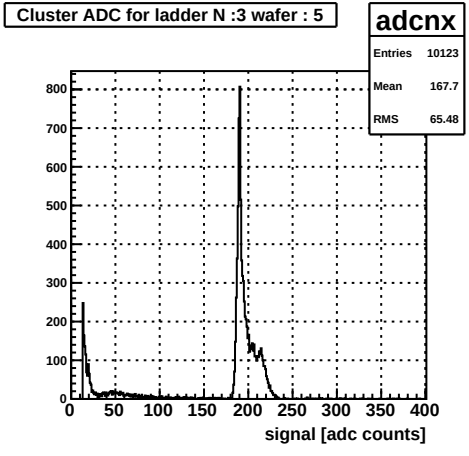

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

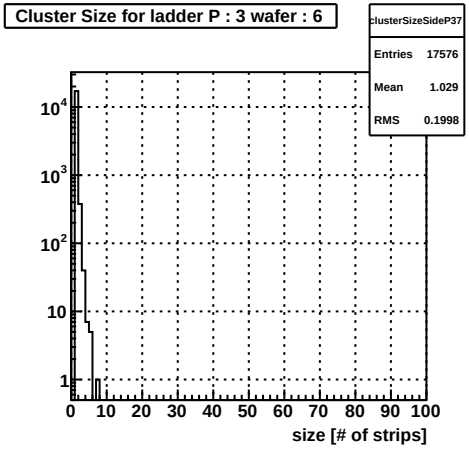

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3649
Mean 1.127
RMS 0.4251
size [# of strips]

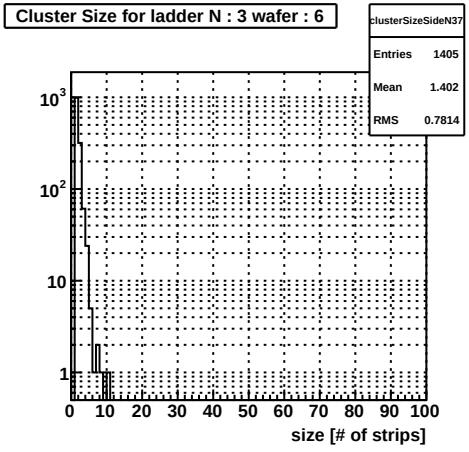

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 10123
Mean 1.068
RMS 0.3548
size [# of strips]

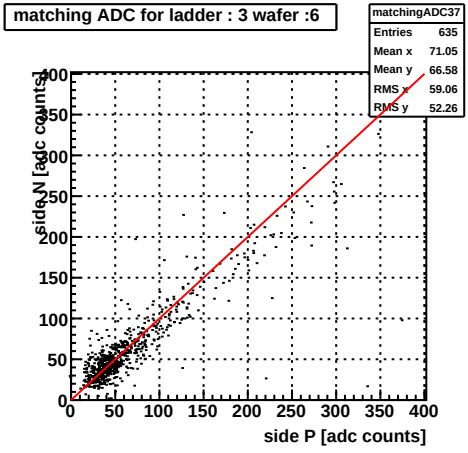

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1077
Mean x 70.86
Mean y 102
RMS x 65.44
RMS y 73
side N [adc counts]
side P [adc counts]

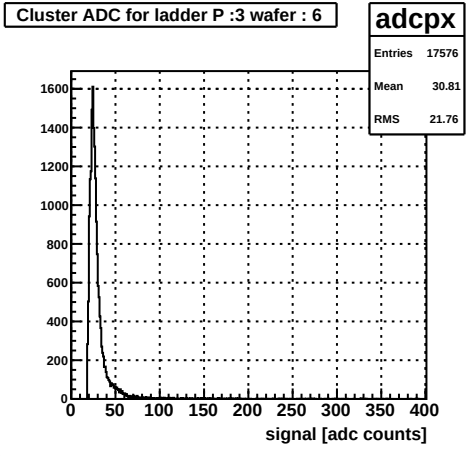

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3649
Mean 42.97
RMS 47.72
signal [adc counts]

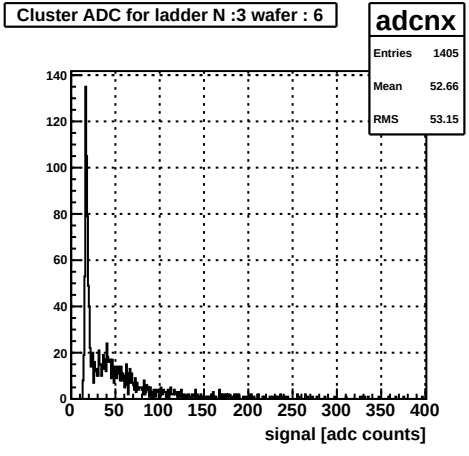

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 10123
Mean 167.7
RMS 65.48
signal [adc counts]

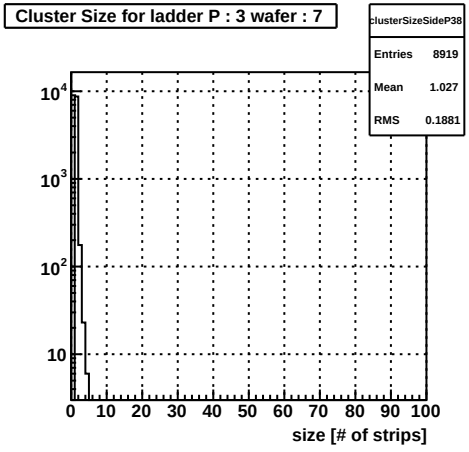

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 17576
Mean 1.029
RMS 0.1998
size [# of strips]

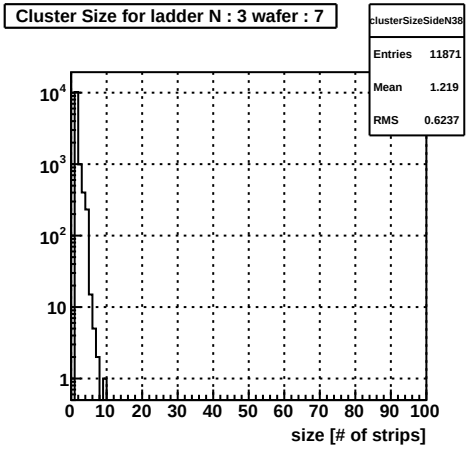

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1405
Mean 1.402
RMS 0.7814
size [# of strips]

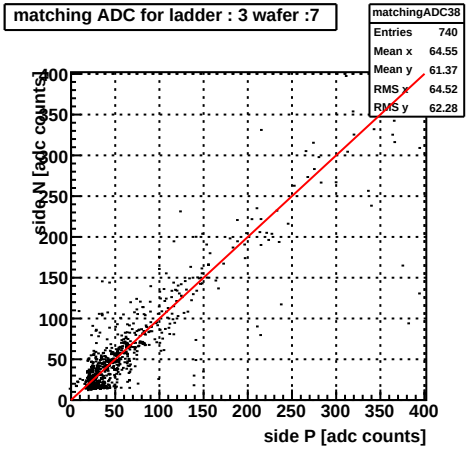

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 635
Mean x 71.05
Mean y 66.58
RMS x 59.06
RMS y 52.26
side N [adc counts]
side P [adc counts]

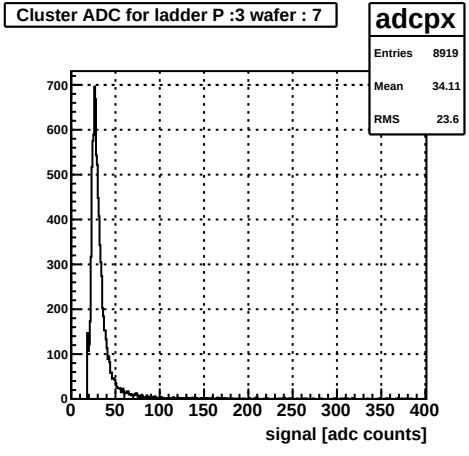

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 17576
Mean 30.81
RMS 21.76
signal [adc counts]

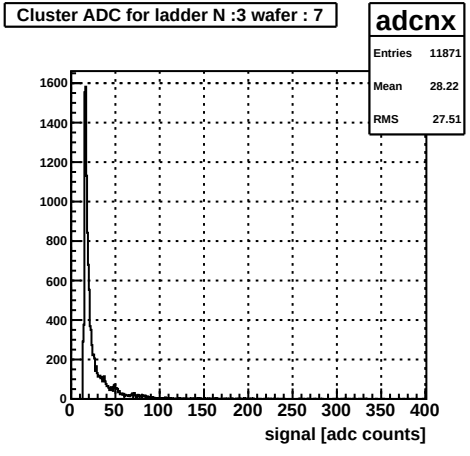

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1405
Mean 52.66
RMS 53.15
signal [adc counts]

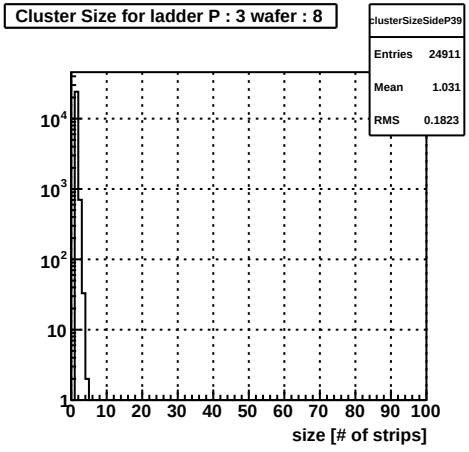

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 8919
Mean 1.027
RMS 0.1881
size [# of strips]

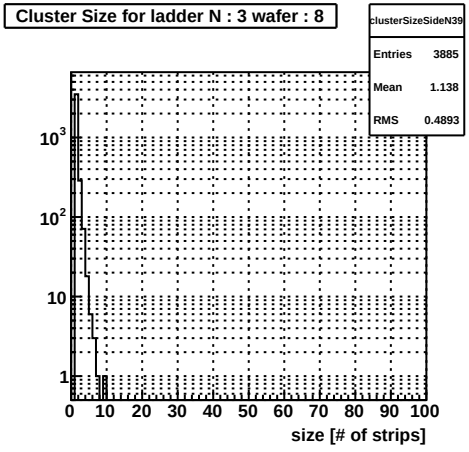

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 11871
Mean 1.219
RMS 0.6237
size [# of strips]

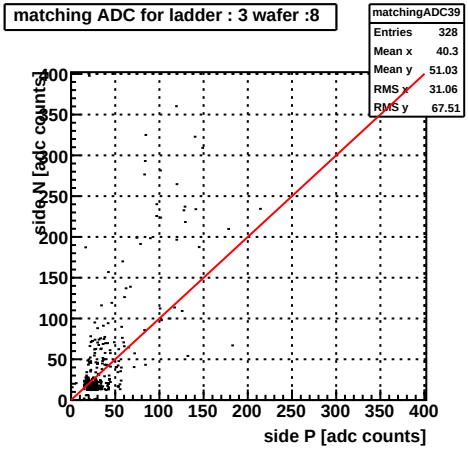

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 740
Mean x 64.55
Mean y 61.37
RMS x 64.52
RMS y 62.28
side N [adc counts]
side P [adc counts]

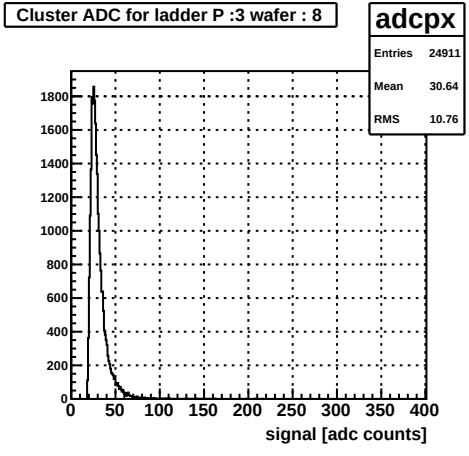

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 8919
Mean 34.11
RMS 23.6
signal [adc counts]

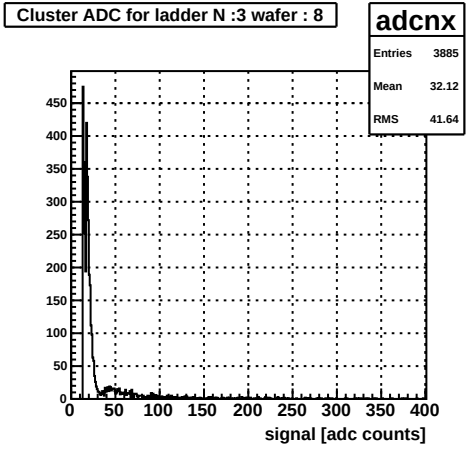

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 11871
Mean 28.22
RMS 27.51
signal [adc counts]

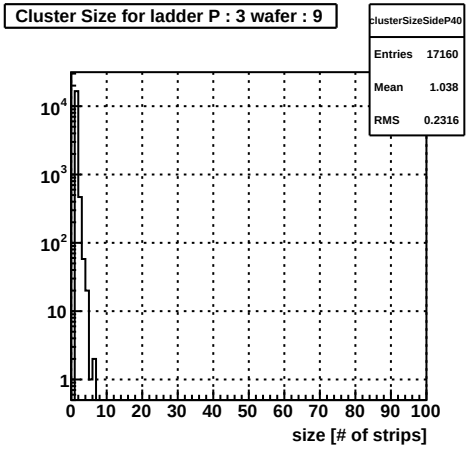

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 24911
Mean 1.031
RMS 0.1823
size [# of strips]

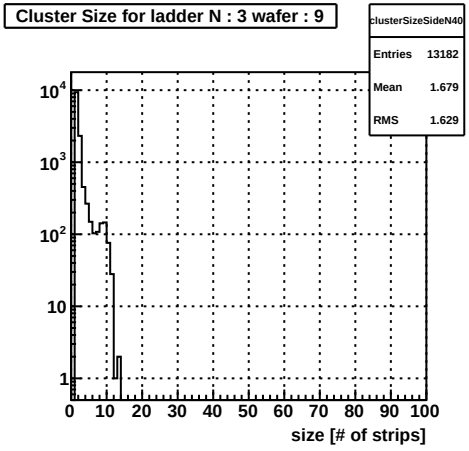

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3885
Mean 1.138
RMS 0.4893
size [# of strips]

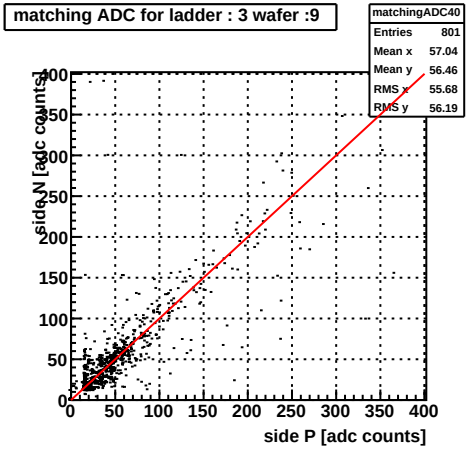

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 328
Mean x 40.3
Mean y 51.03
RMS x 31.06
RMS y 67.51
side N [adc counts]
side P [adc counts]

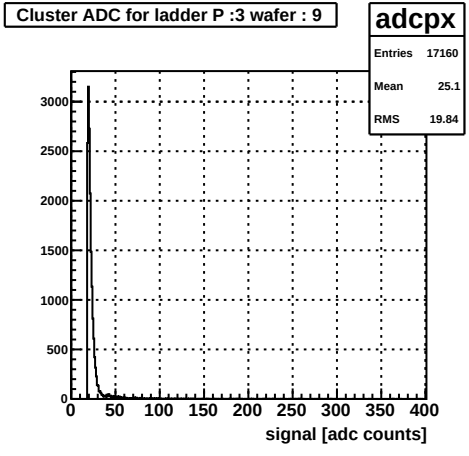

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 24911
Mean 30.64
RMS 10.76
signal [adc counts]

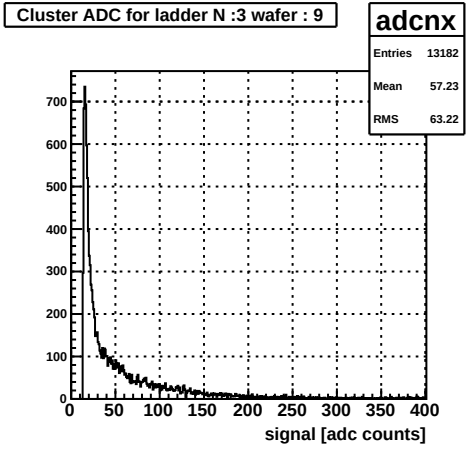

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3885
Mean 32.12
RMS 41.64
signal [adc counts]

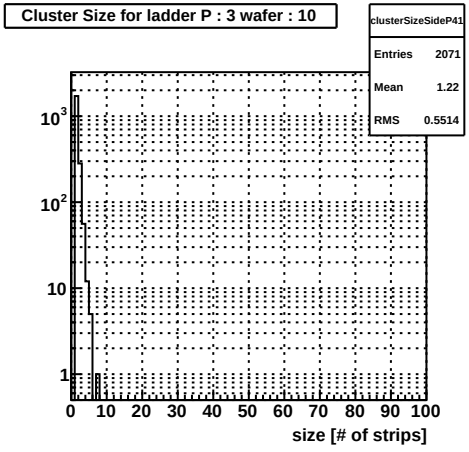

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 17160
Mean 1.038
RMS 0.2316
size [# of strips]

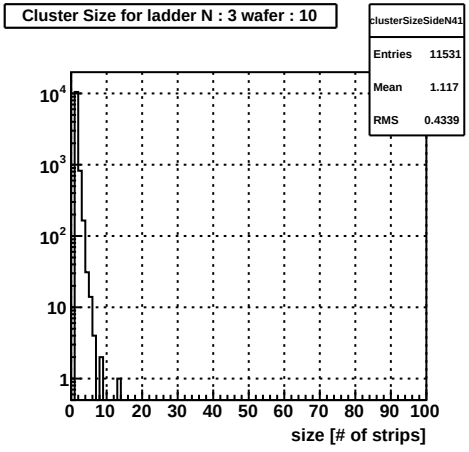

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 13182
Mean 1.679
RMS 1.629
size [# of strips]

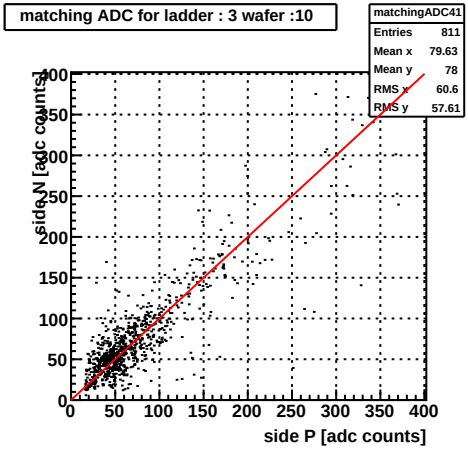

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 801
Mean x 57.04
Mean y 56.46
RMS x 55.68
RMS y 56.19
side N [adc counts]
side P [adc counts]

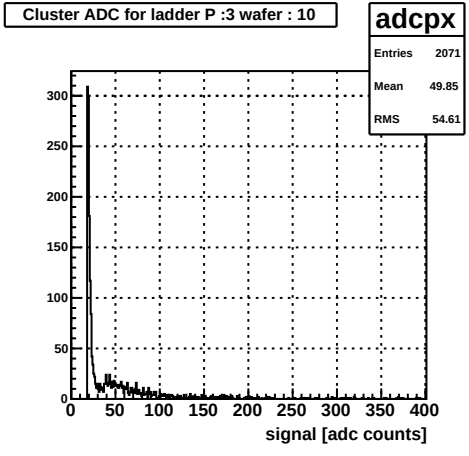

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 17160
Mean 25.1
RMS 19.84
signal [adc counts]

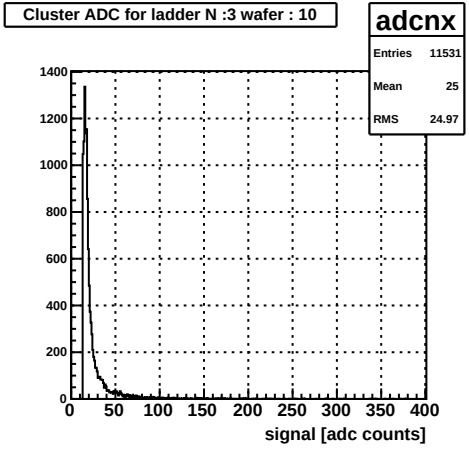

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 13182
Mean 57.23
RMS 63.22
signal [adc counts]

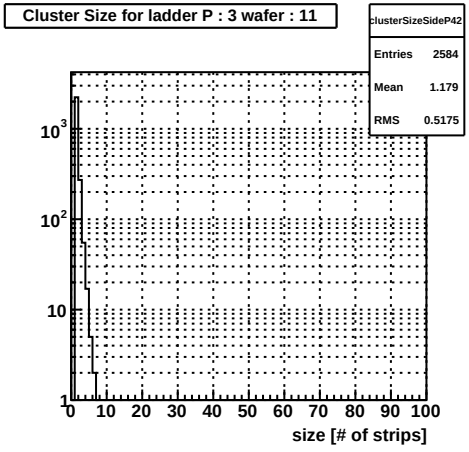

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 2071
Mean 1.22
RMS 0.5514
size [# of strips]

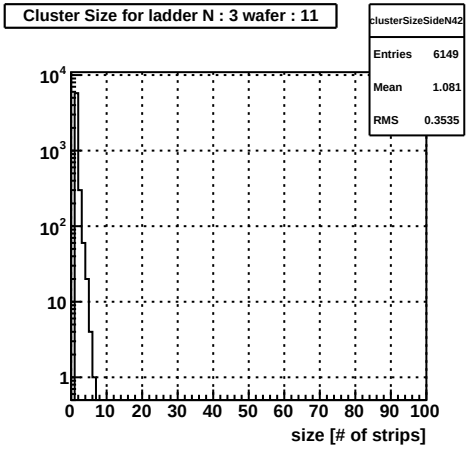

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 11531
Mean 1.117
RMS 0.4339
size [# of strips]

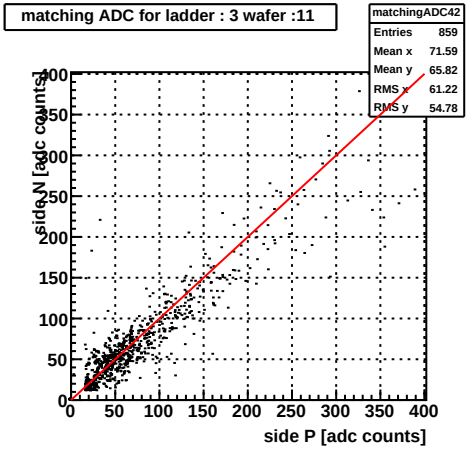

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 811
Mean x 79.63
Mean y 78
RMS x 60.6
RMS y 57.61
side N [adc counts]
side P [adc counts]

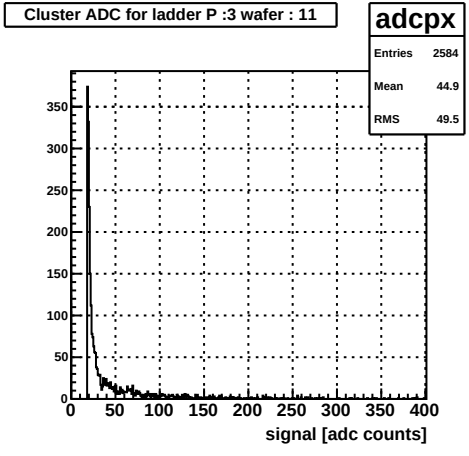

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 2071
Mean 49.85
RMS 54.61
signal [adc counts]

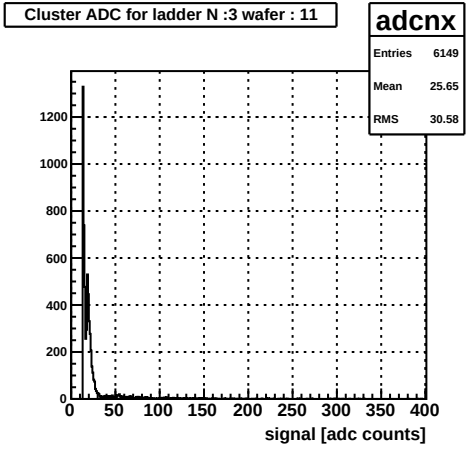

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 11531
Mean 25
RMS 24.97
signal [adc counts]

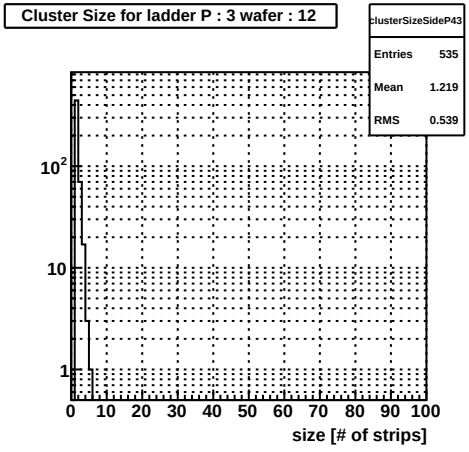

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2584
Mean 1.179
RMS 0.5175
size [# of strips]

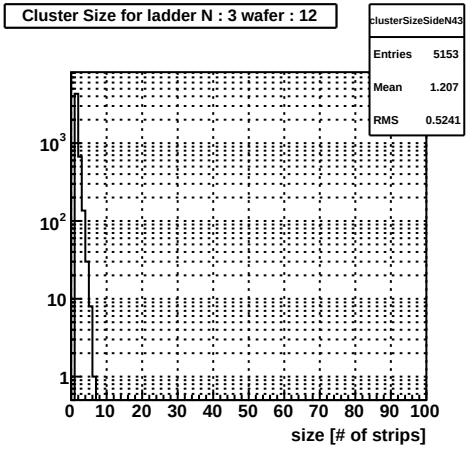

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 6149
Mean 1.081
RMS 0.3535
size [# of strips]

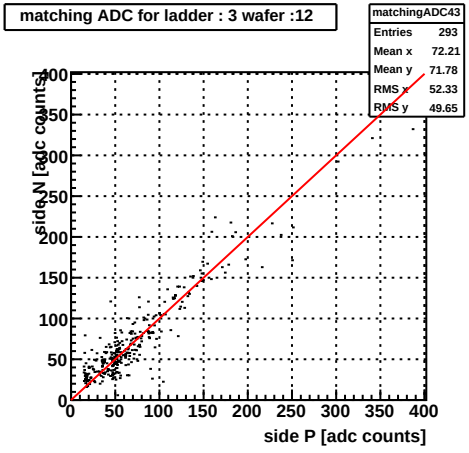

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 859
Mean x 71.59
Mean y 65.82
RMS x 61.22
RMS y 54.78
side N [adc counts]
side P [adc counts]

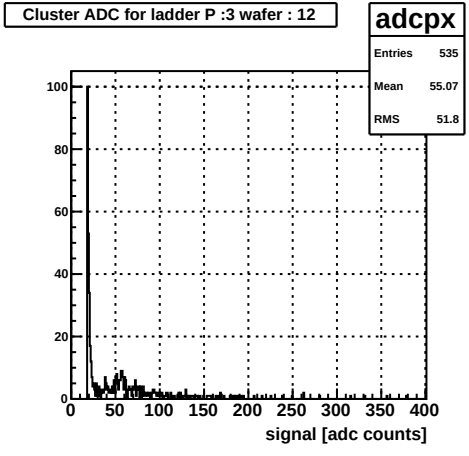

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2584
Mean 44.9
RMS 49.5
signal [adc counts]

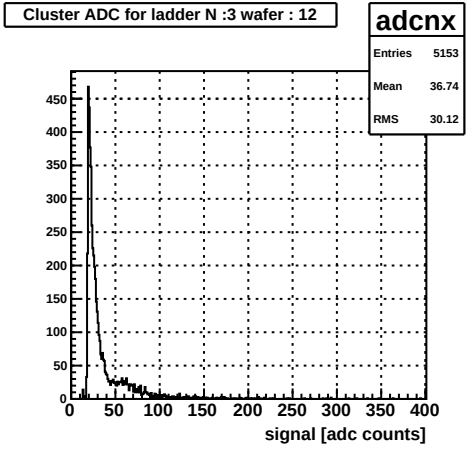

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 6149
Mean 25.65
RMS 30.58
signal [adc counts]

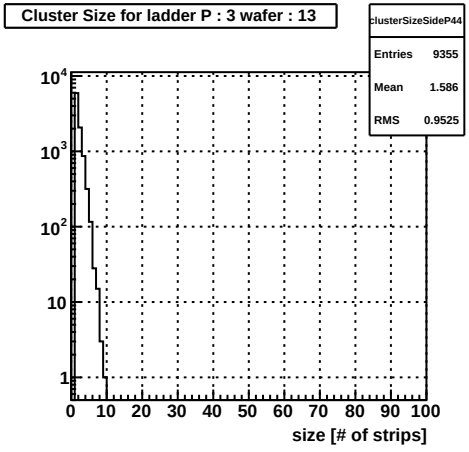

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 535
Mean 1.219
RMS 0.539
size [# of strips]

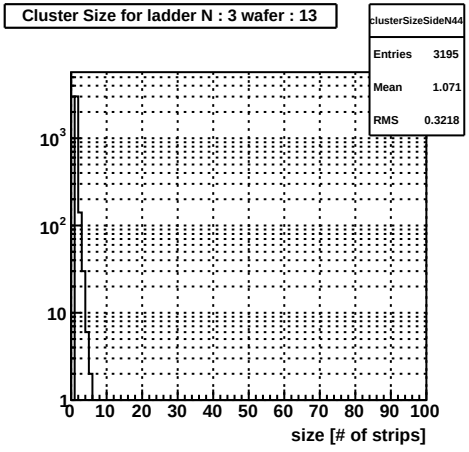

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 5153
Mean 1.207
RMS 0.5241
size [# of strips]

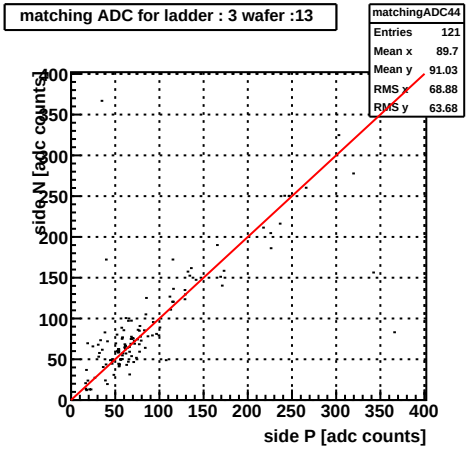

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 293
Mean x 72.21
Mean y 71.78
RMS x 52.33
RMS y 49.65
side N [adc counts]
side P [adc counts]

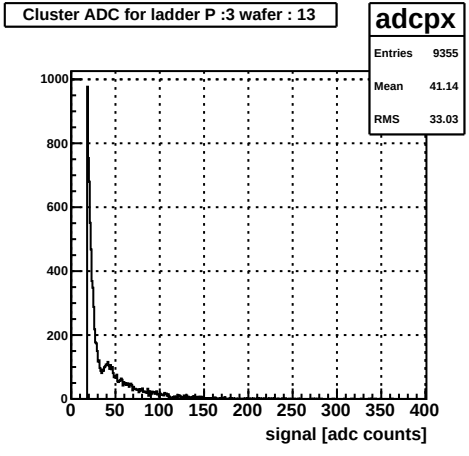

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 535
Mean 55.07
RMS 51.8
signal [adc counts]

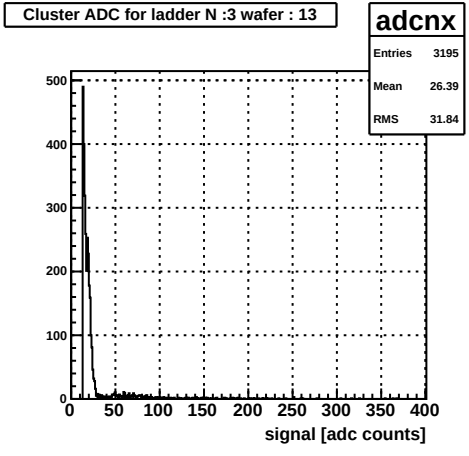

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 5153
Mean 36.74
RMS 30.12
signal [adc counts]

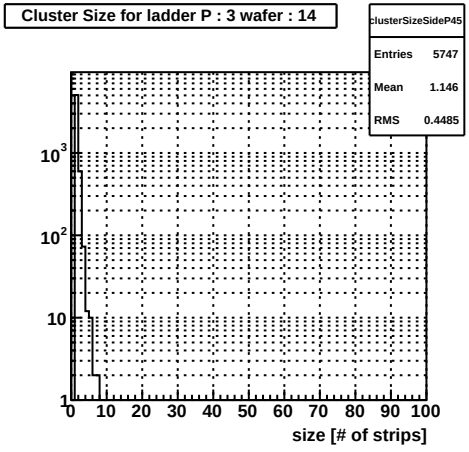

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 9355
Mean 1.586
RMS 0.9525
size [# of strips]

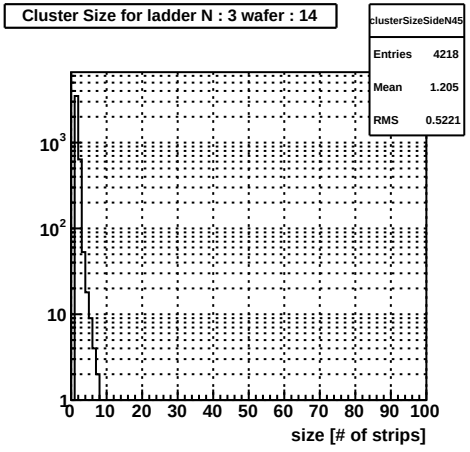

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3195
Mean 1.071
RMS 0.3218
size [# of strips]

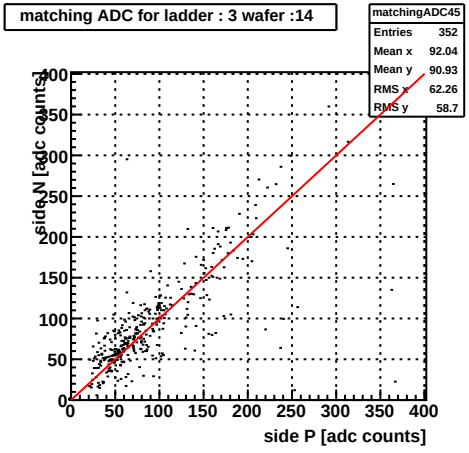

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 121
Mean x 89.7
Mean y 91.03
RMS x 68.88
RMS y 63.68
side N [adc counts]
side P [adc counts]

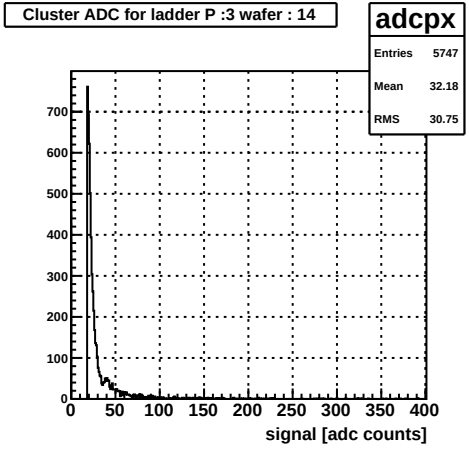

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 9355
Mean 41.14
RMS 33.03
signal [adc counts]

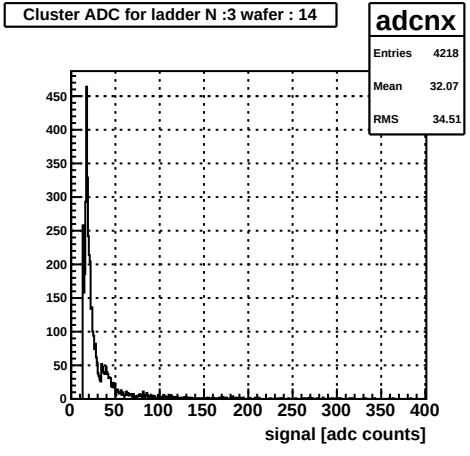

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3195
Mean 26.39
RMS 31.84
signal [adc counts]

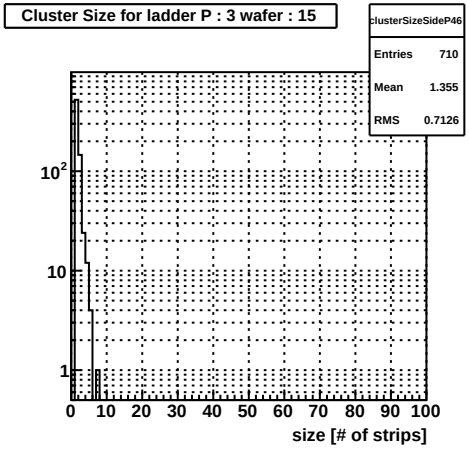

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 5747
Mean 1.146
RMS 0.4485
size [# of strips]

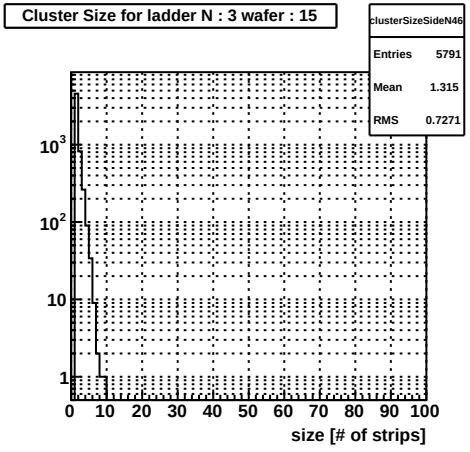

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 4218
Mean 1.205
RMS 0.5221
size [# of strips]

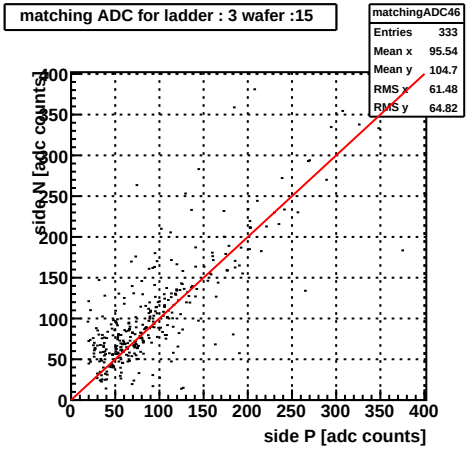

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 352
Mean x 92.04
Mean y 90.93
RMS x 62.26
RMS y 58.7
side N [adc counts]
side P [adc counts]

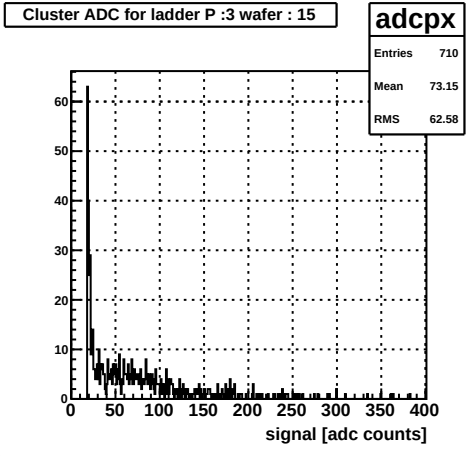

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 5747
Mean 32.18
RMS 30.75
signal [adc counts]

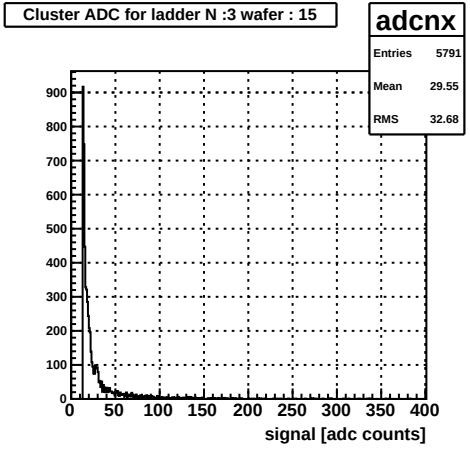

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 4218
Mean 32.07
RMS 34.51
signal [adc counts]

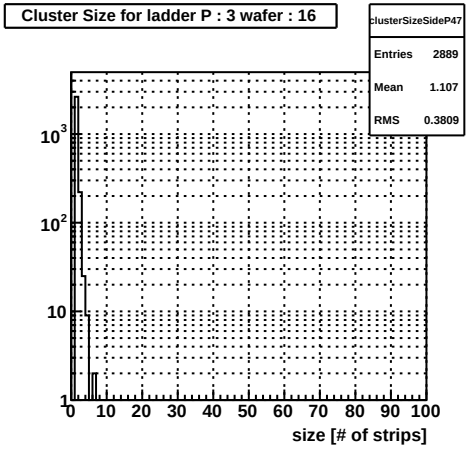

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 710
Mean 1.355
RMS 0.7126
size [# of strips]

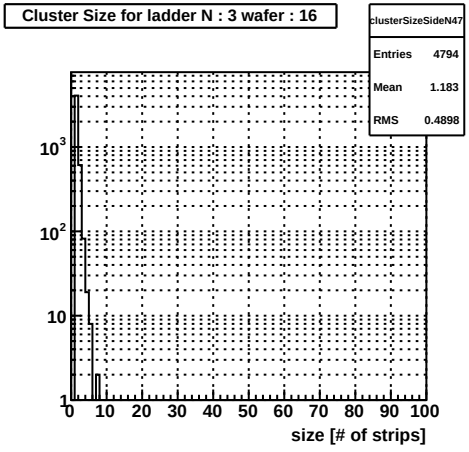

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 5791
Mean 1.315
RMS 0.7271
size [# of strips]

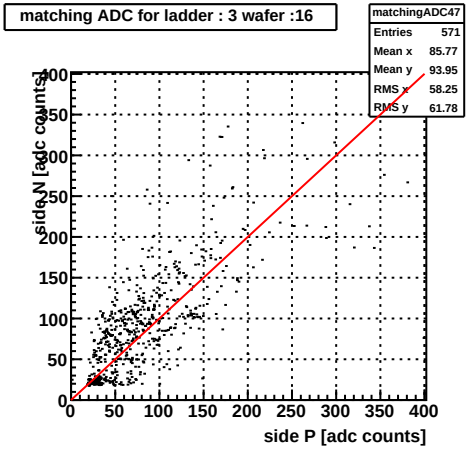

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 333
Mean x 95.54
Mean y 104.7
RMS x 61.48
RMS y 64.82
side N [adc counts]
side P [adc counts]

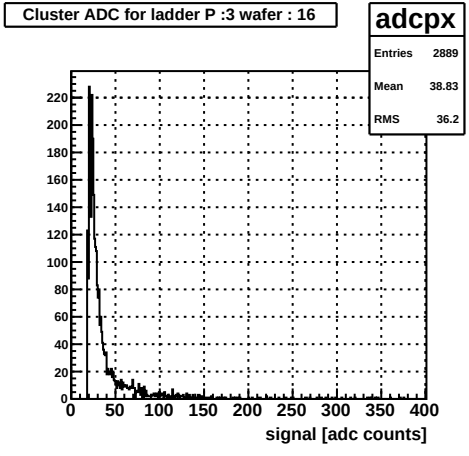

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 710
Mean 73.15
RMS 62.58
signal [adc counts]

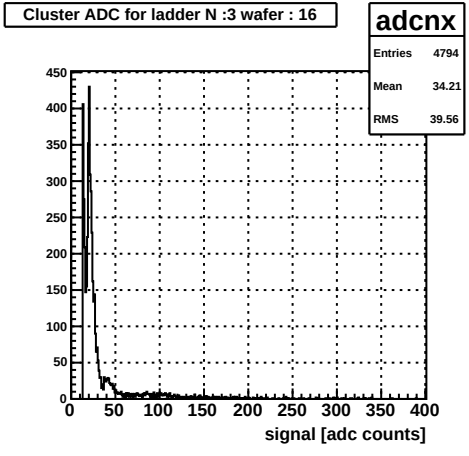

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 5791
Mean 29.55
RMS 32.68
signal [adc counts]

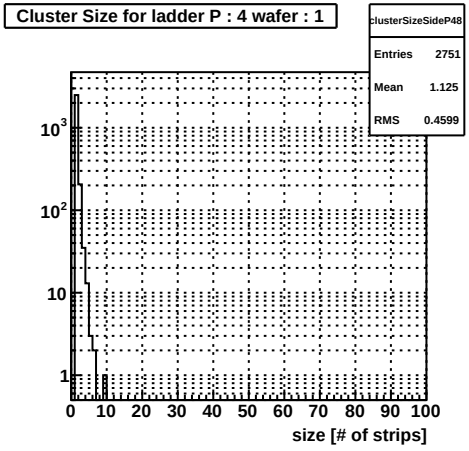

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2889
Mean 1.107
RMS 0.3809
size [# of strips]

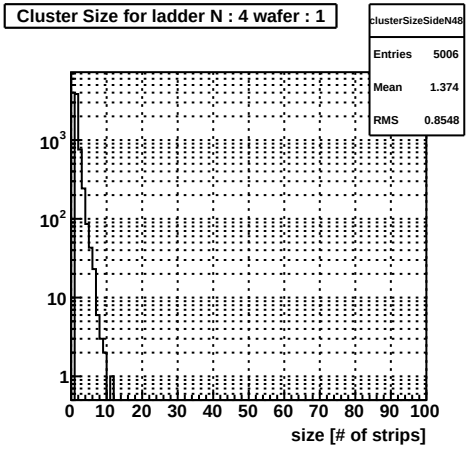

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 4794
Mean 1.183
RMS 0.4898
size [# of strips]

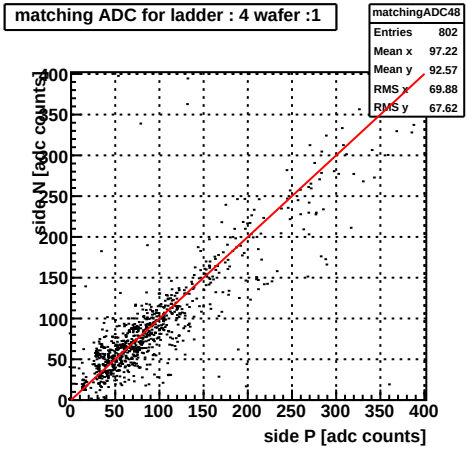

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 571
Mean x 85.77
Mean y 93.95
RMS x 58.25
RMS y 61.78
side N [adc counts]
side P [adc counts]

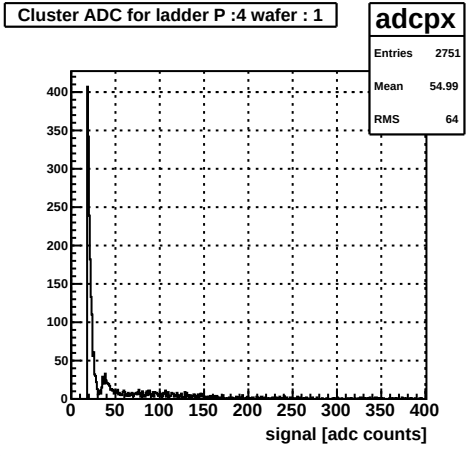

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2889
Mean 38.83
RMS 36.2
signal [adc counts]

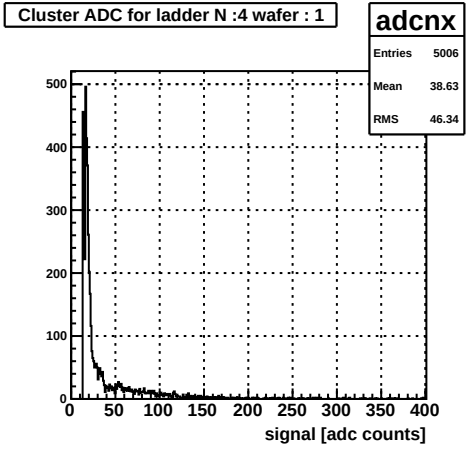

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 4794
Mean 34.21
RMS 39.56
signal [adc counts]

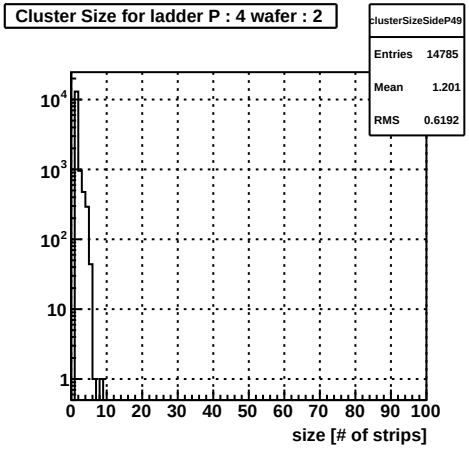

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2751
Mean 1.125
RMS 0.4599
size [# of strips]

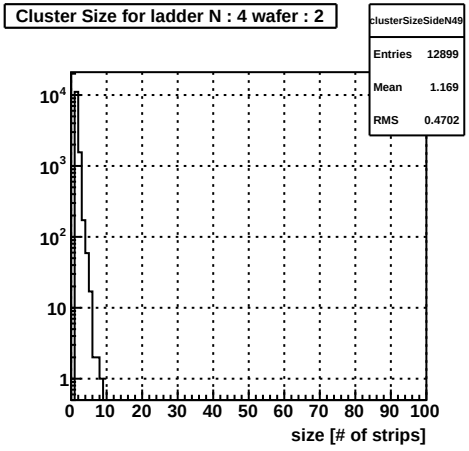

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 5006
Mean 1.374
RMS 0.8548
size [# of strips]

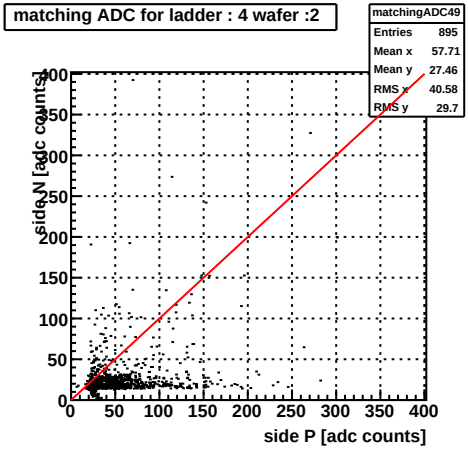

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 802
Mean x 97.22
Mean y 92.57
RMS x 69.88
RMS y 67.62
side N [adc counts]
side P [adc counts]

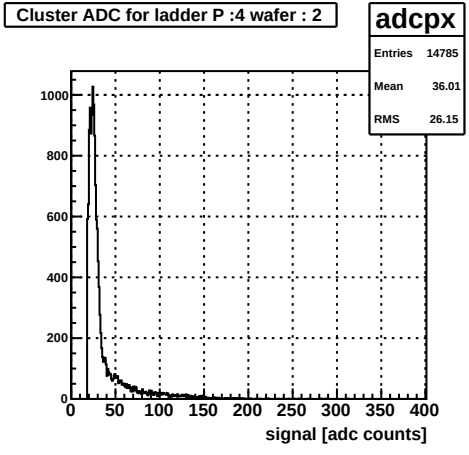

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2751
Mean 54.99
RMS 64
signal [adc counts]

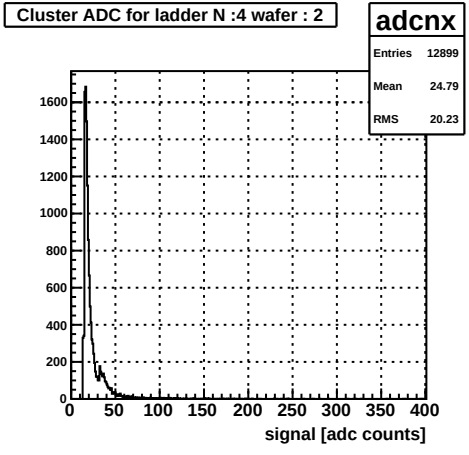

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 5006
Mean 38.63
RMS 46.34
signal [adc counts]

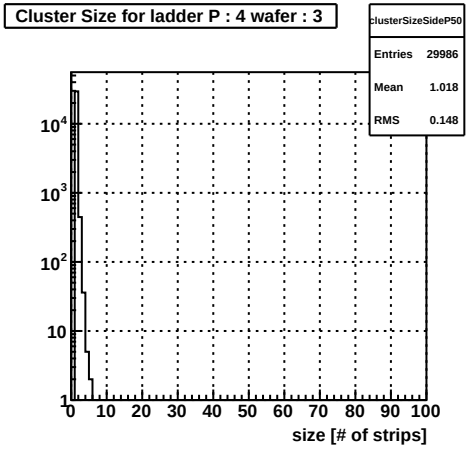

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 14785
Mean 1.201
RMS 0.6192
size [# of strips]

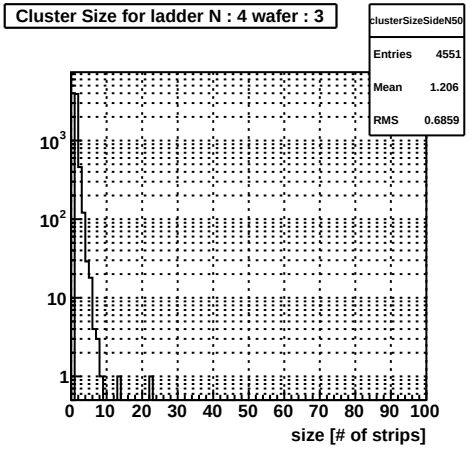

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 12899
Mean 1.169
RMS 0.4702
size [# of strips]

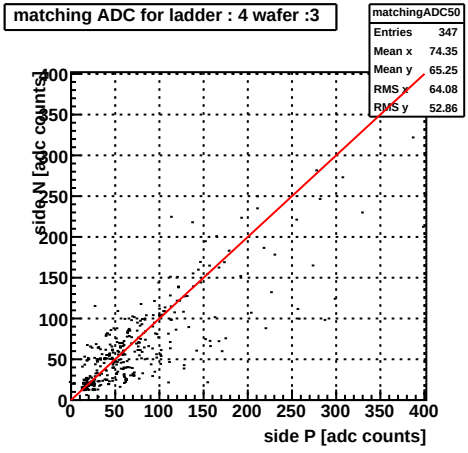

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 895
Mean x 57.71
Mean y 27.46
RMS x 40.58
RMS y 29.7
side N [adc counts]
side P [adc counts]

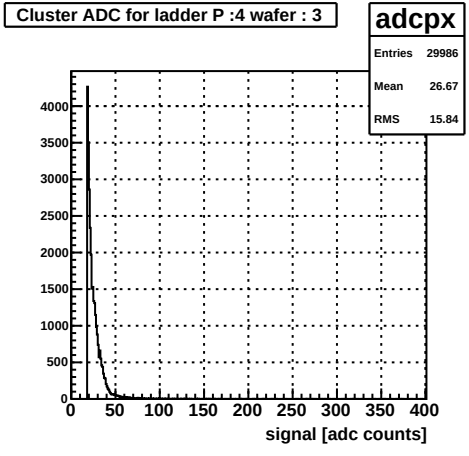

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 14785
Mean 36.01
RMS 26.15
signal [adc counts]

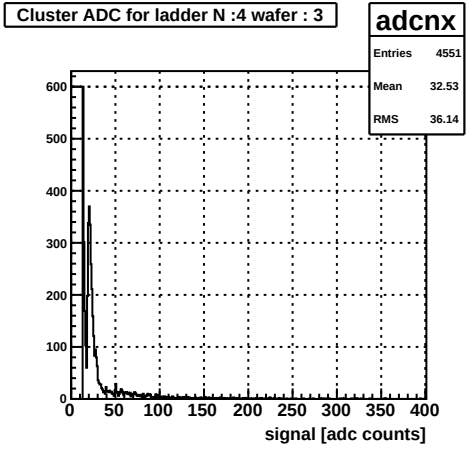

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 12899
Mean 24.79
RMS 20.23
signal [adc counts]

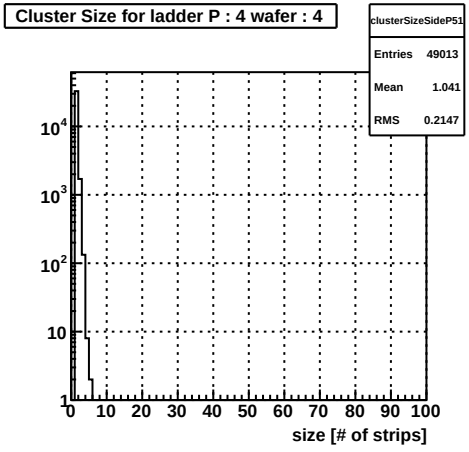

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 29986
Mean 1.018
RMS 0.148
size [# of strips]

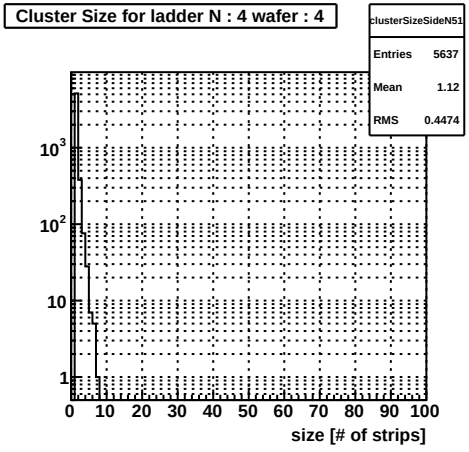

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 4551
Mean 1.206
RMS 0.6859
size [# of strips]

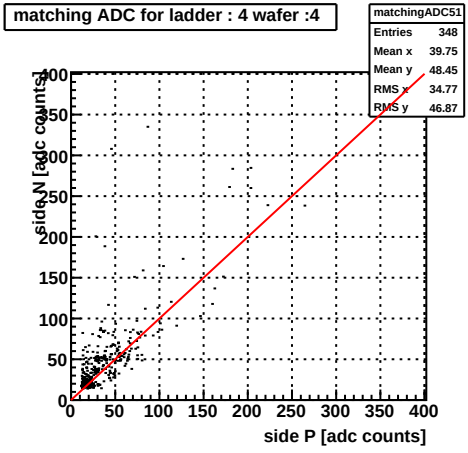

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 347
Mean x 74.35
Mean y 65.25
RMS x 64.08
RMS y 52.86
side N [adc counts]
side P [adc counts]

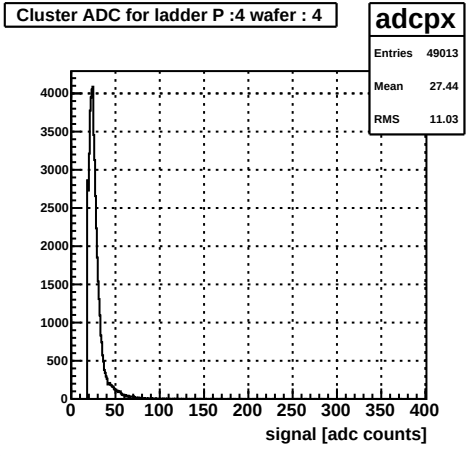

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 29986
Mean 26.67
RMS 15.84
signal [adc counts]

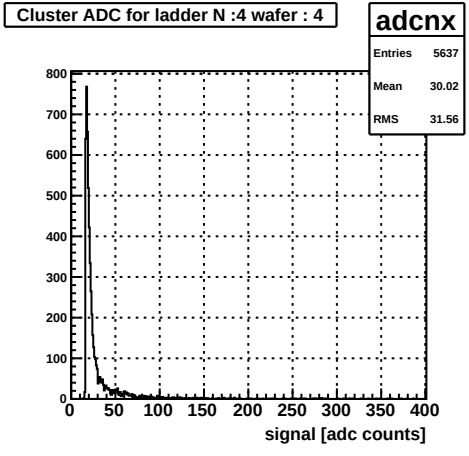

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 4551
Mean 32.53
RMS 36.14
signal [adc counts]

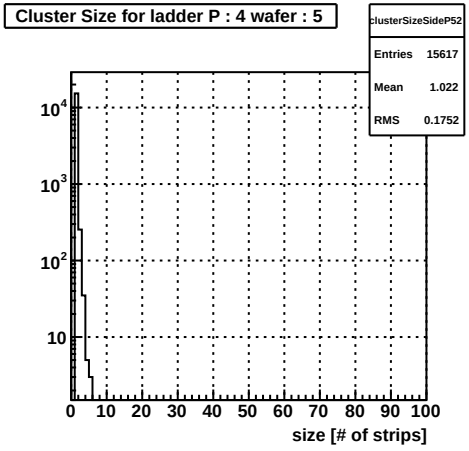

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 49013
Mean 1.041
RMS 0.2147
size [# of strips]

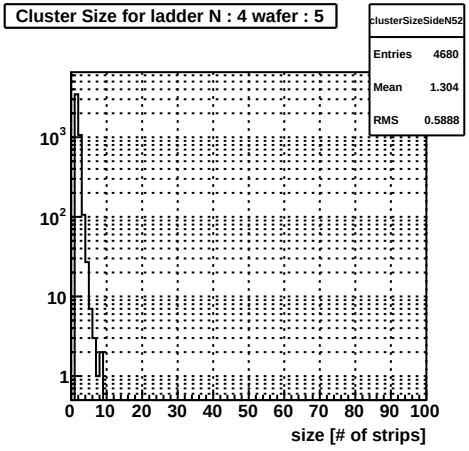

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5637
Mean 1.12
RMS 0.4474
size [# of strips]

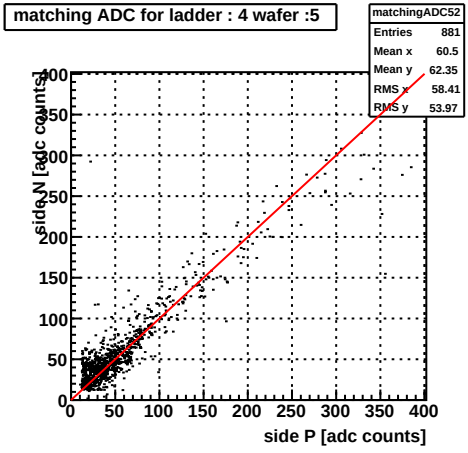

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 348
Mean x 39.75
Mean y 48.45
RMS x 34.77
RMS y 46.87
side N [adc counts]
side P [adc counts]

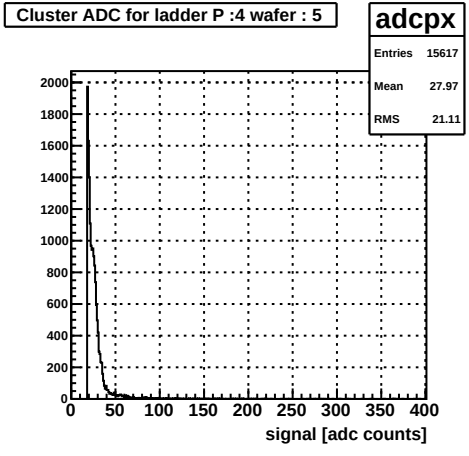

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 49013
Mean 27.44
RMS 11.03
signal [adc counts]

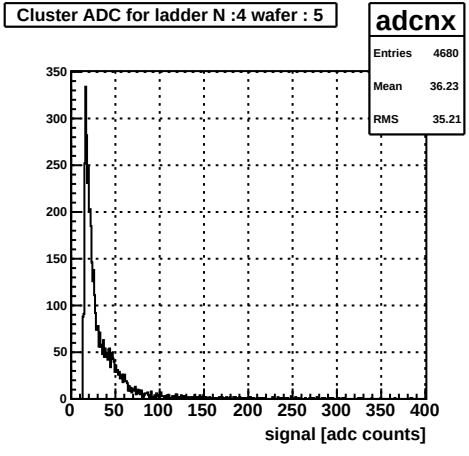

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5637
Mean 30.02
RMS 31.56
signal [adc counts]

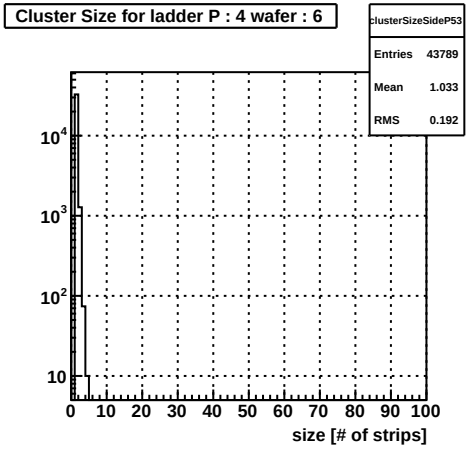

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 15617
Mean 1.022
RMS 0.1752
size [# of strips]

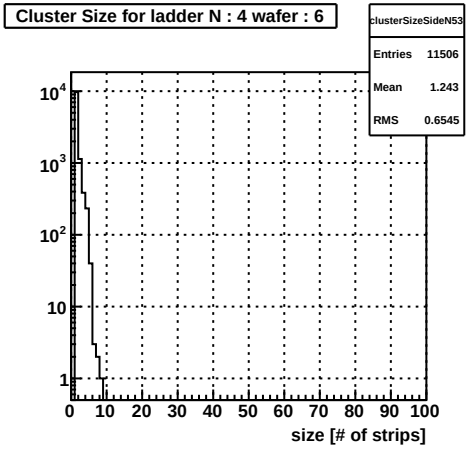

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4680
Mean 1.304
RMS 0.5888
size [# of strips]

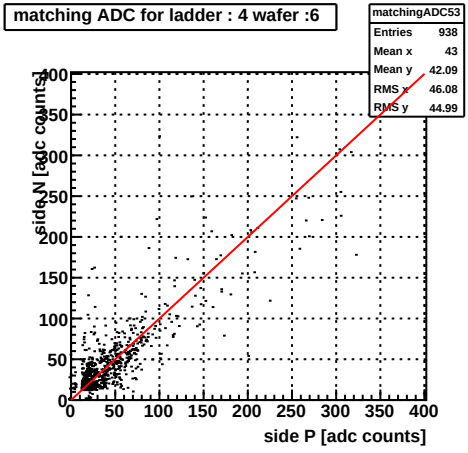

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 881
Mean x 60.5
Mean y 62.35
RMS x 58.41
RMS y 53.97
side N [adc counts]
side P [adc counts]

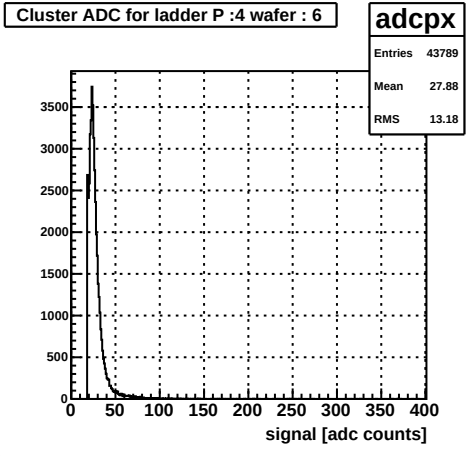

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 15617
Mean 27.97
RMS 21.11
signal [adc counts]

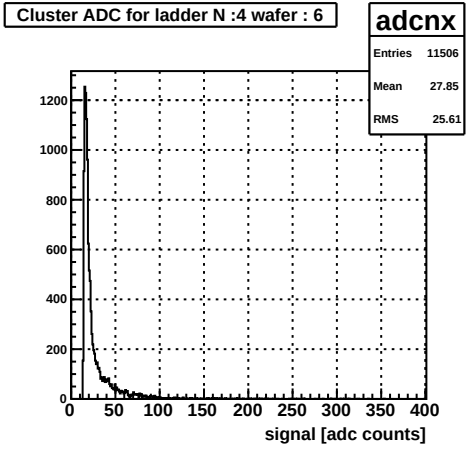

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4680
Mean 36.23
RMS 35.21
signal [adc counts]

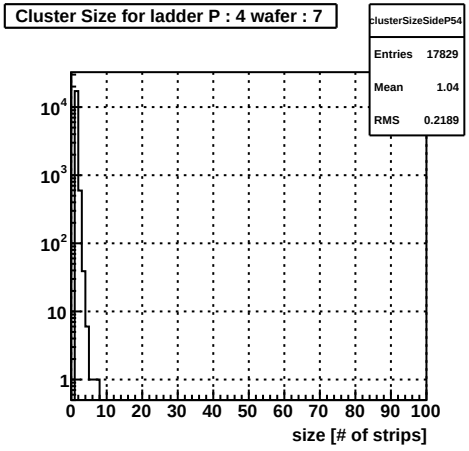

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 43789
Mean 1.033
RMS 0.192
size [# of strips]

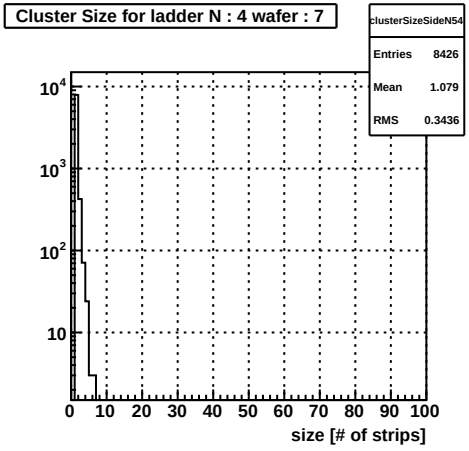

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 11506
Mean 1.243
RMS 0.6545
size [# of strips]

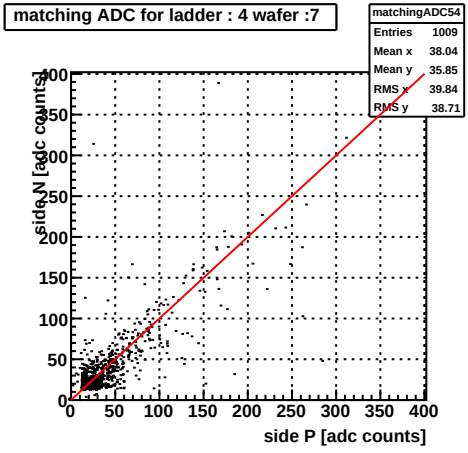

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 938
Mean x 43
Mean y 42.09
RMS x 46.08
RMS y 44.99
side N [adc counts]
side P [adc counts]

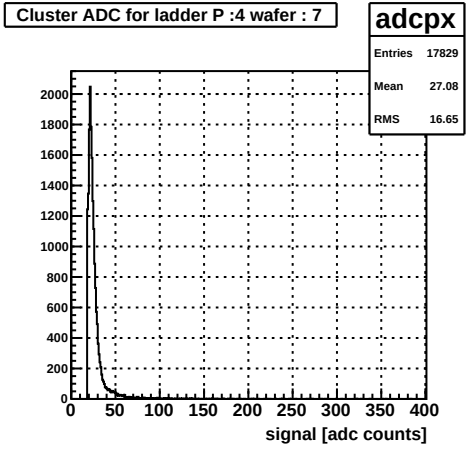

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 43789
Mean 27.88
RMS 13.18
signal [adc counts]

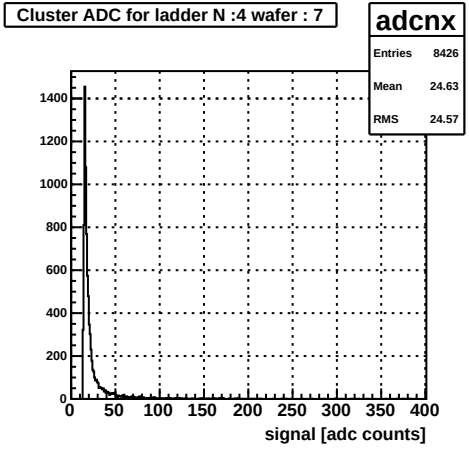

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 11506
Mean 27.85
RMS 25.61
signal [adc counts]

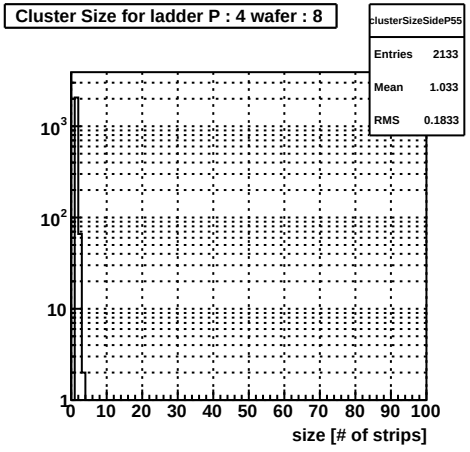

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 17829
Mean 1.04
RMS 0.2189
size [# of strips]

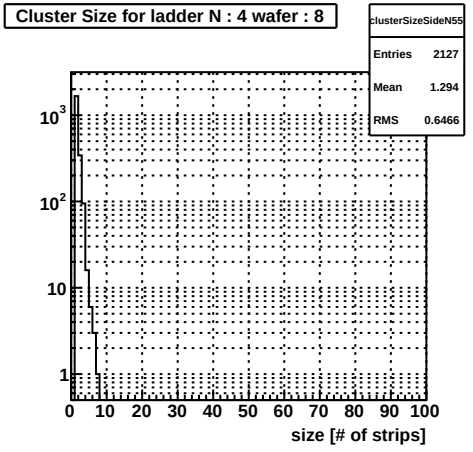

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 8426
Mean 1.079
RMS 0.3436
size [# of strips]

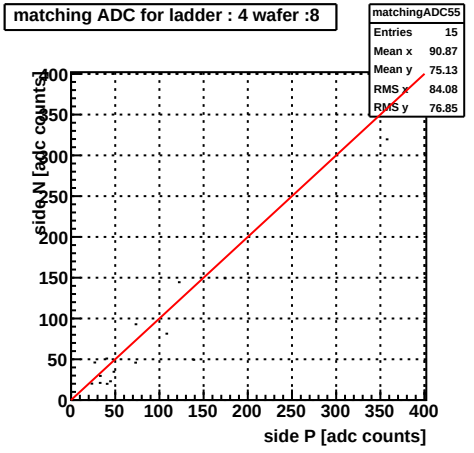

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 1009
Mean x 38.04
Mean y 35.85
RMS x 39.84
RMS y 38.71
side N [adc counts]
side P [adc counts]

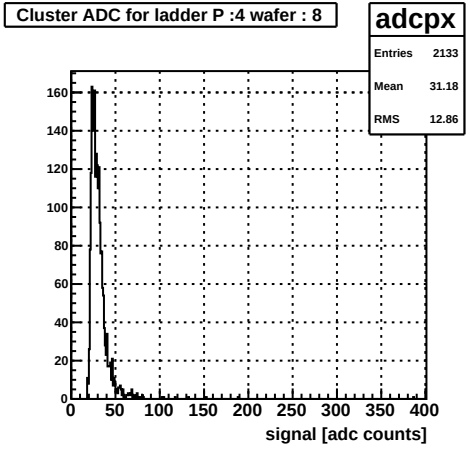

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 17829
Mean 27.08
RMS 16.65
signal [adc counts]

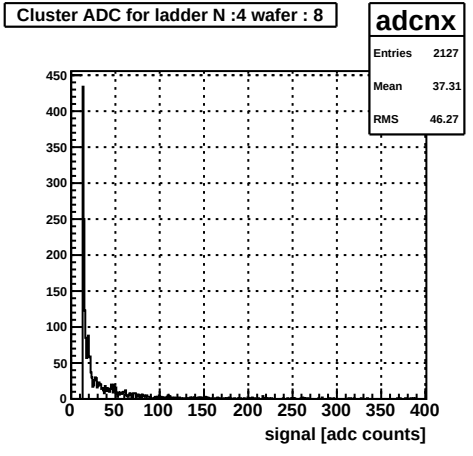

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 8426
Mean 24.63
RMS 24.57
signal [adc counts]

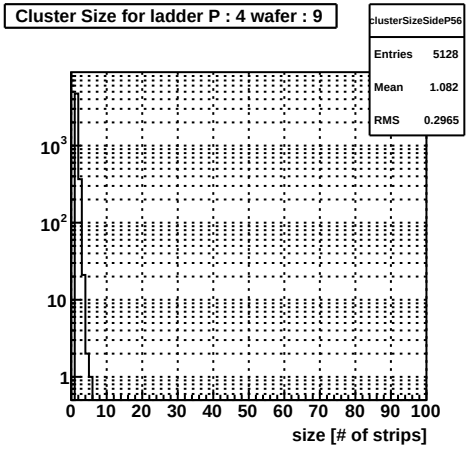

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2133
Mean 1.033
RMS 0.1833
size [# of strips]

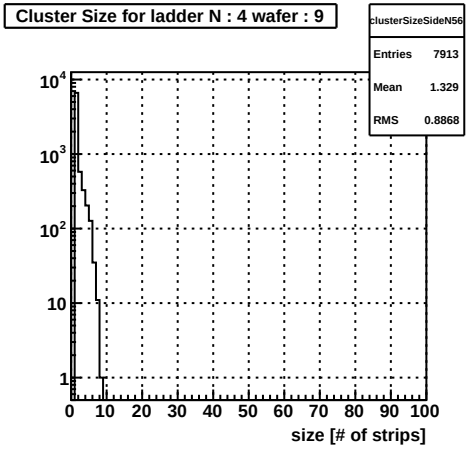

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2127
Mean 1.294
RMS 0.6466
size [# of strips]

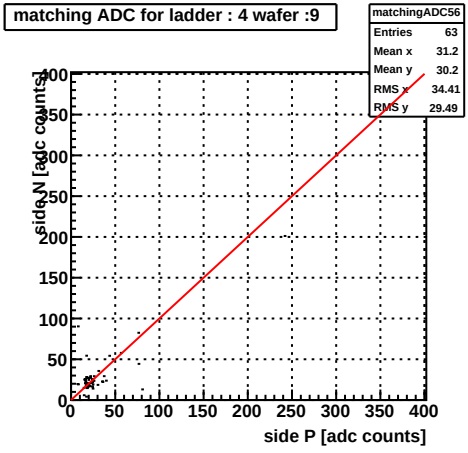

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 15
Mean x 90.87
Mean y 75.13
RMS x 84.08
RMS y 76.85
side N [adc counts]
side P [adc counts]

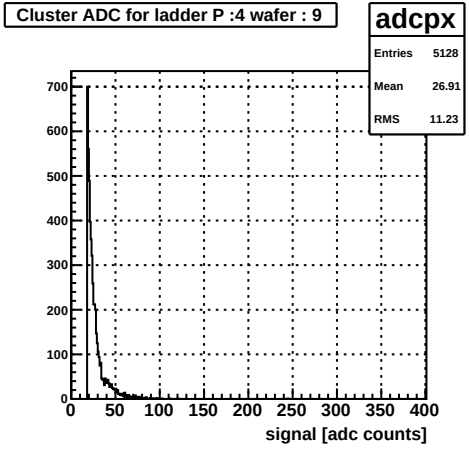

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2133
Mean 31.18
RMS 12.86
signal [adc counts]

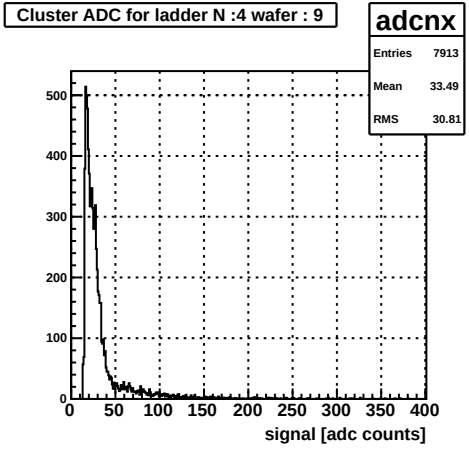

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2127
Mean 37.31
RMS 46.27
signal [adc counts]

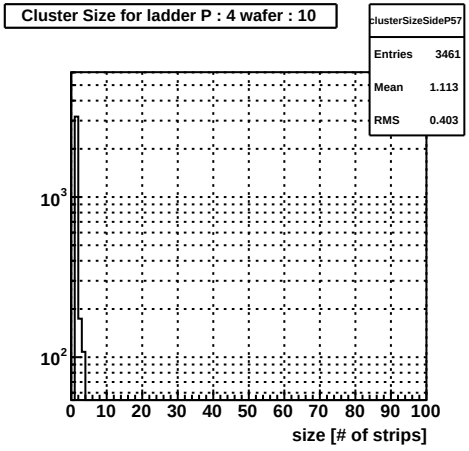

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 5128
Mean 1.082
RMS 0.2965
size [# of strips]

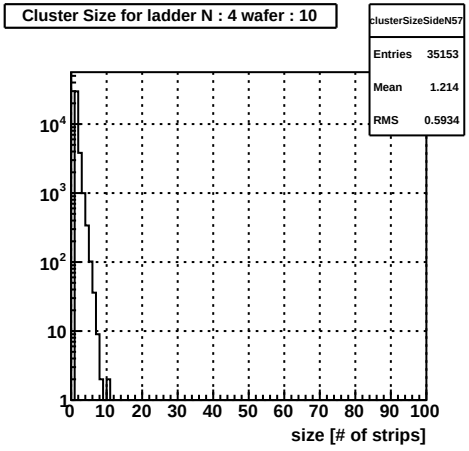

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 7913
Mean 1.329
RMS 0.8868
size [# of strips]

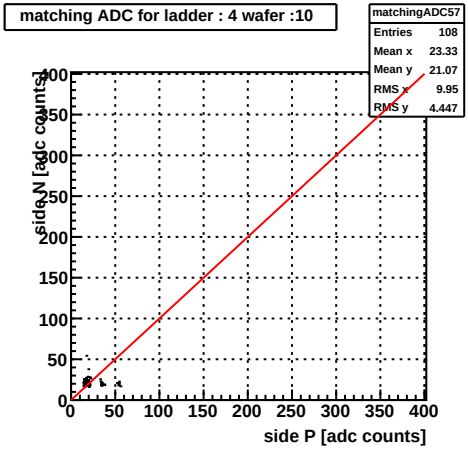

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 63
Mean x 31.2
Mean y 30.2
RMS x 34.41
RMS y 29.49
side N [adc counts]
side P [adc counts]

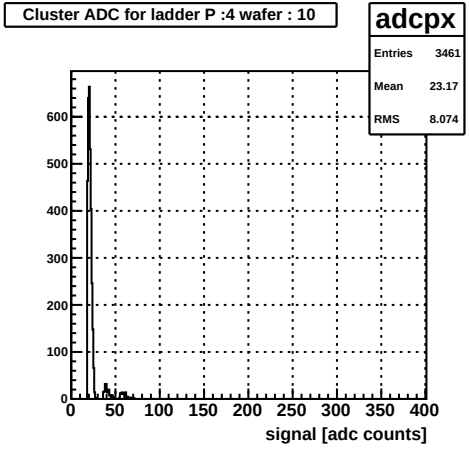

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 5128
Mean 26.91
RMS 11.23
signal [adc counts]

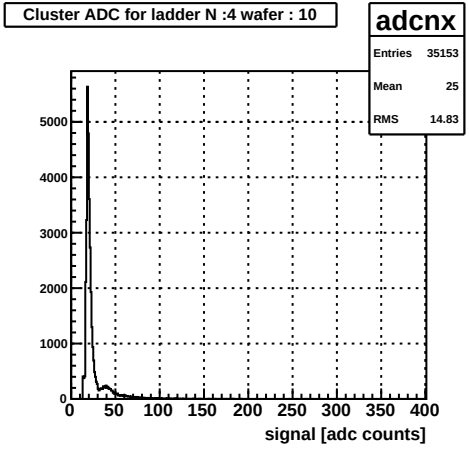

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 7913
Mean 33.49
RMS 30.81
signal [adc counts]

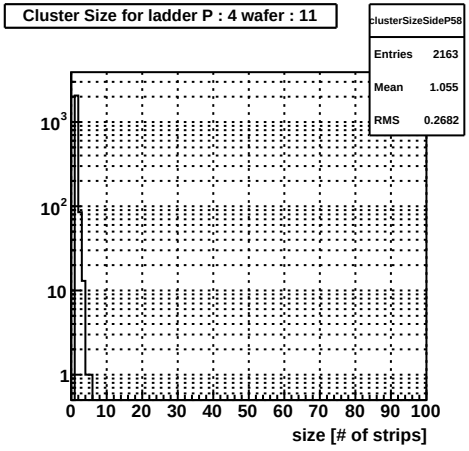

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 3461
Mean 1.113
RMS 0.403
size [# of strips]

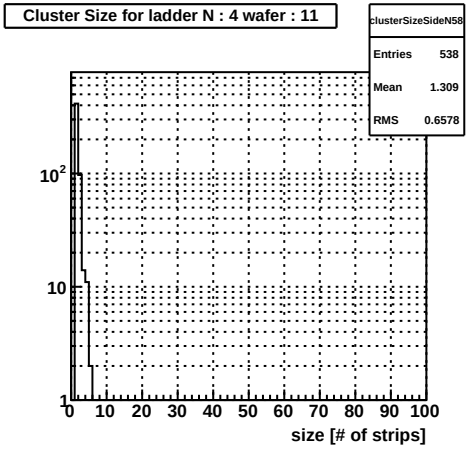

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 35153
Mean 1.214
RMS 0.5934
size [# of strips]

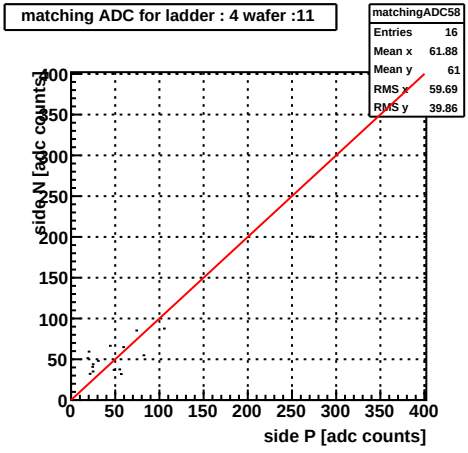

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 108
Mean x 23.33
Mean y 21.07
RMS x 9.95
RMS y 4.447
side N [adc counts]
side P [adc counts]

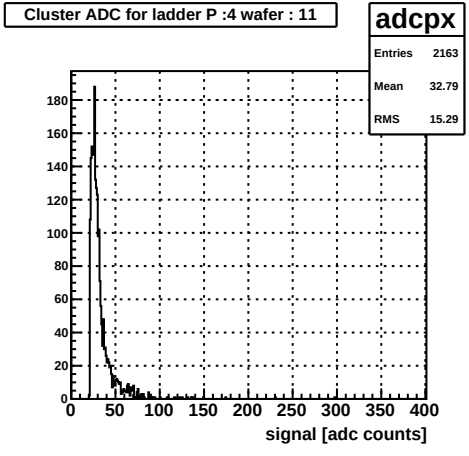

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 3461
Mean 23.17
RMS 8.074
signal [adc counts]

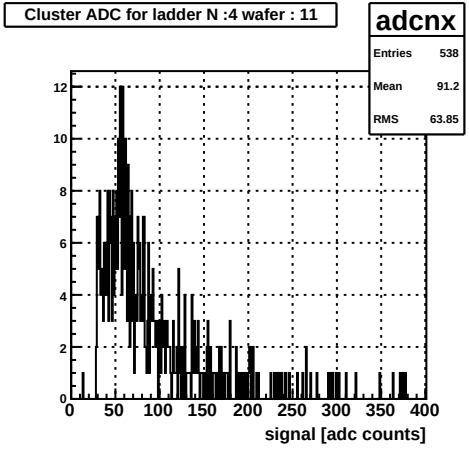

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 35153
Mean 25
RMS 14.83
signal [adc counts]

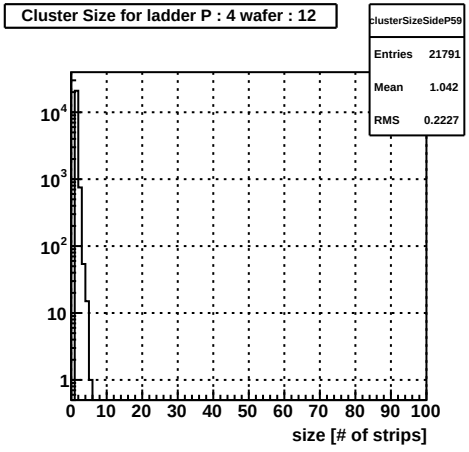

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 2163
Mean 1.055
RMS 0.2682
size [# of strips]

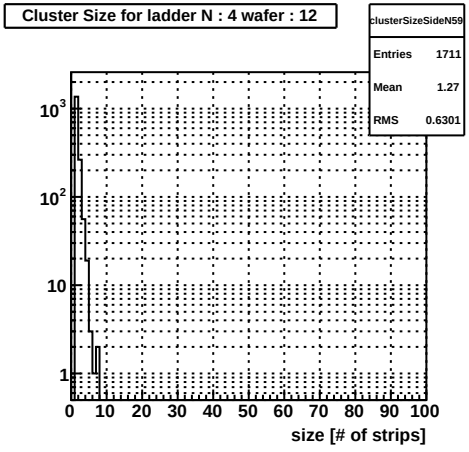

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 538
Mean 1.309
RMS 0.6578
size [# of strips]

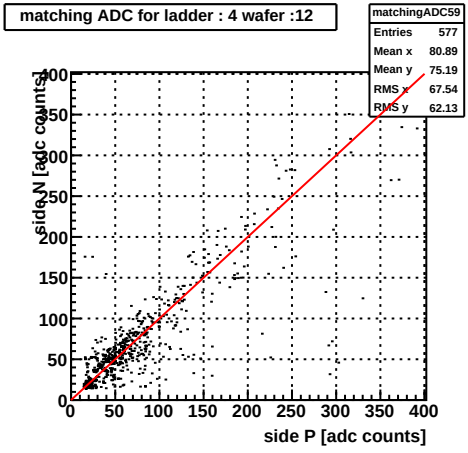

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 16
Mean x 61.88
Mean y 61
RMS x 59.69
RMS y 39.86
side N [adc counts]
side P [adc counts]

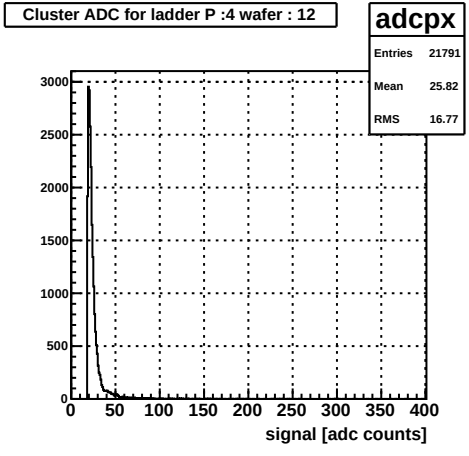

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 2163
Mean 32.79
RMS 15.29
signal [adc counts]

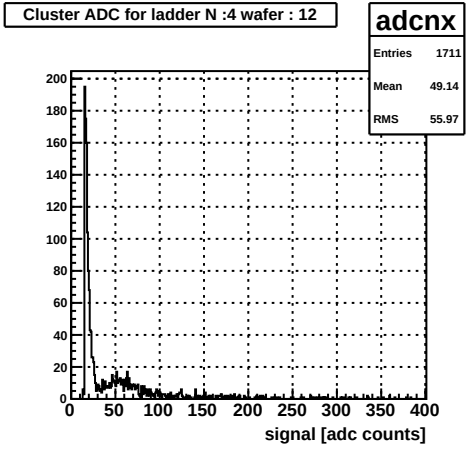

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 538
Mean 91.2
RMS 63.85
signal [adc counts]

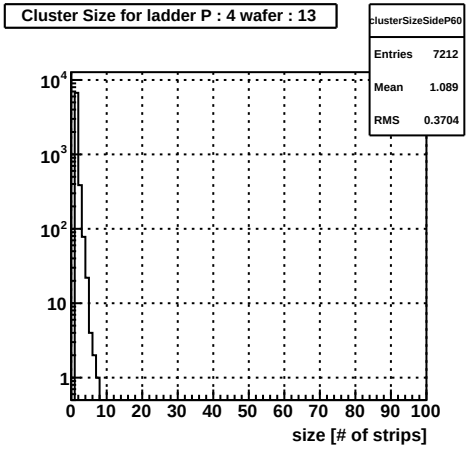

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 21791
Mean 1.042
RMS 0.2227
size [# of strips]

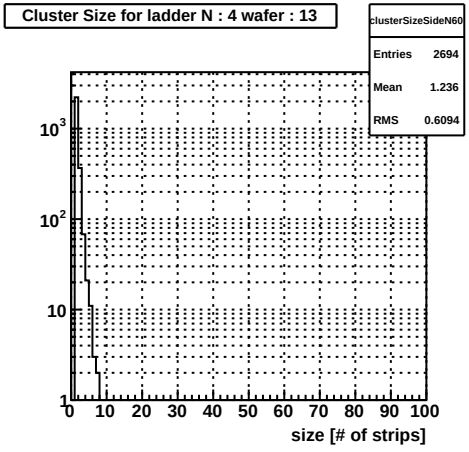

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1711
Mean 1.27
RMS 0.6301
size [# of strips]

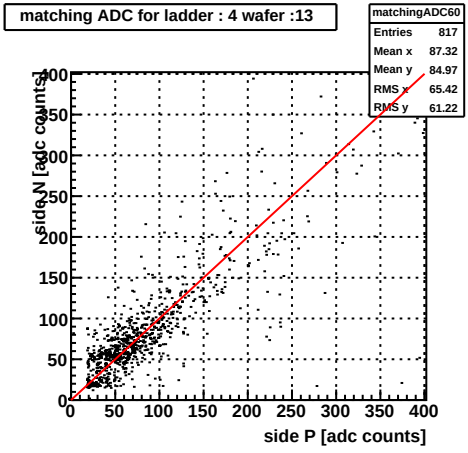

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 577
Mean x 80.89
Mean y 75.19
RMS x 67.54
RMS y 62.13
side N [adc counts]
side P [adc counts]

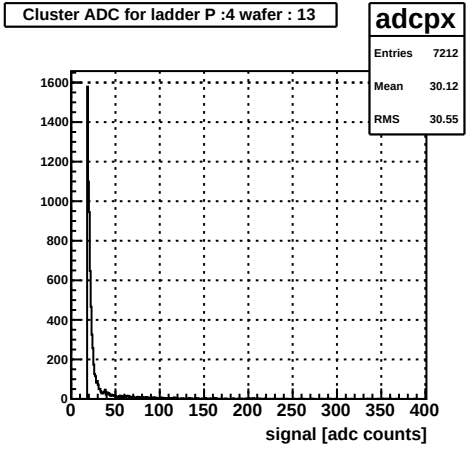

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 21791
Mean 25.82
RMS 16.77
signal [adc counts]

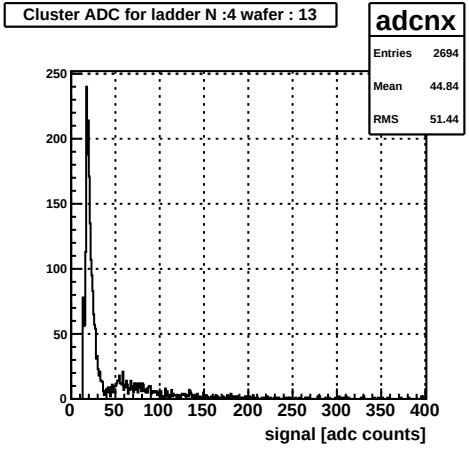

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1711
Mean 49.14
RMS 55.97
signal [adc counts]

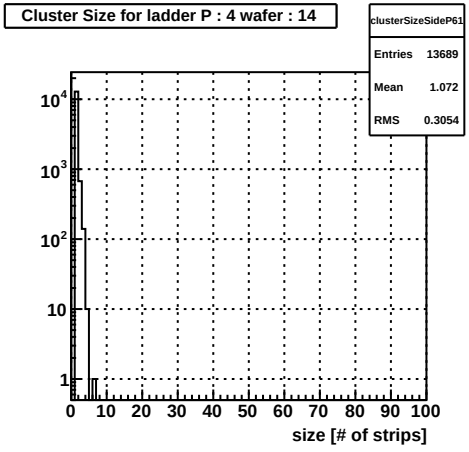

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7212
Mean 1.089
RMS 0.3704
size [# of strips]

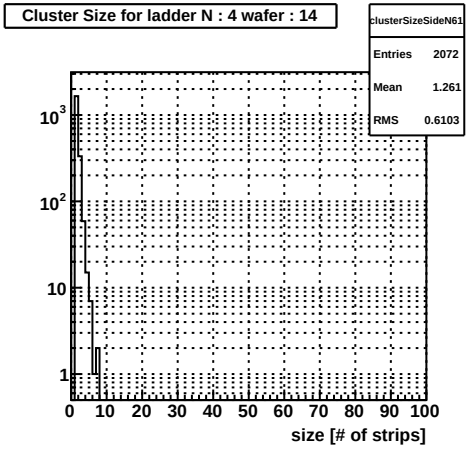

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2694
Mean 1.236
RMS 0.6094
size [# of strips]

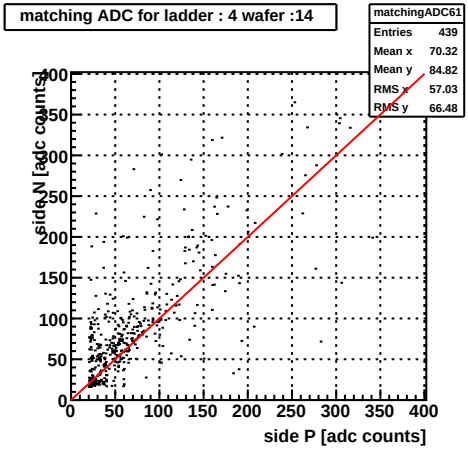

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 817
Mean x 87.32
Mean y 84.97
RMS x 65.42
RMS y 61.22
side N [adc counts]
side P [adc counts]

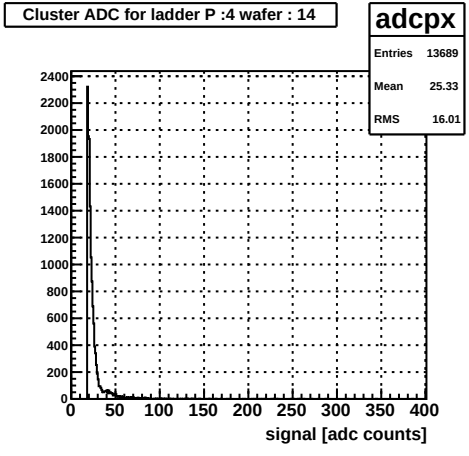

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7212
Mean 30.12
RMS 30.55
signal [adc counts]

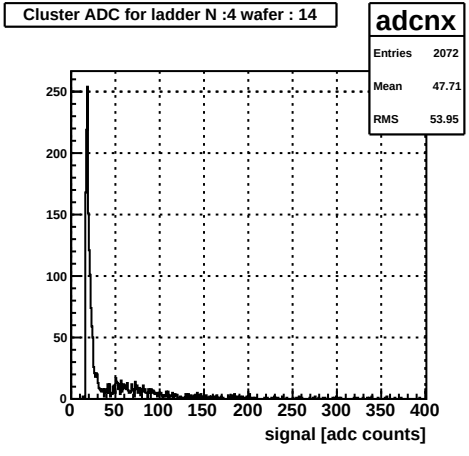

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2694
Mean 44.84
RMS 51.44
signal [adc counts]

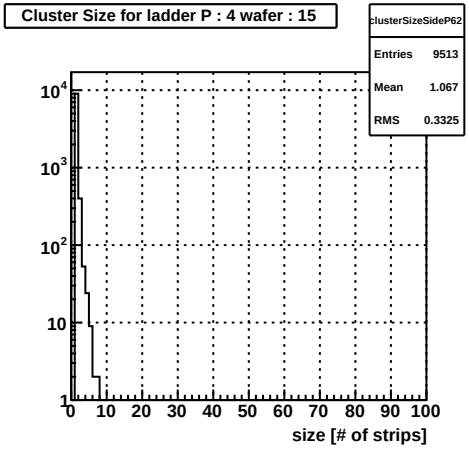

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 13689
Mean 1.072
RMS 0.3054
size [# of strips]

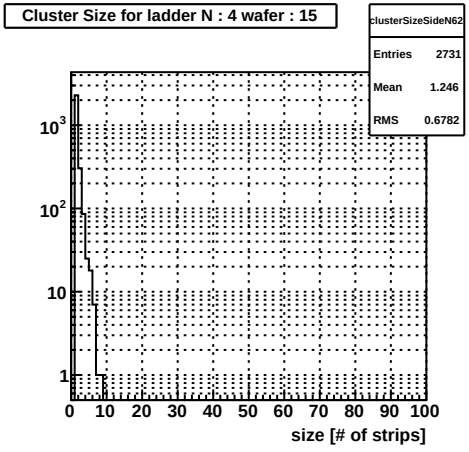

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2072
Mean 1.261
RMS 0.6103
size [# of strips]

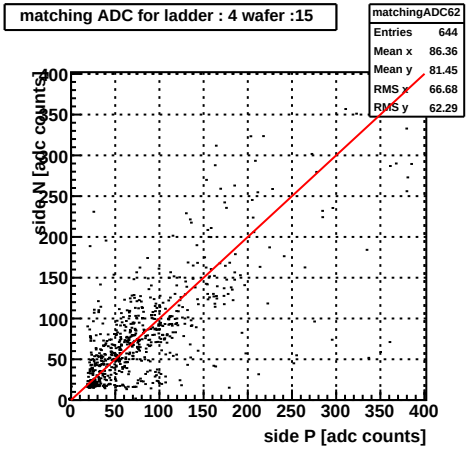

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 439
Mean x 70.32
Mean y 84.82
RMS x 57.03
RMS y 66.48
side N [adc counts]
side P [adc counts]

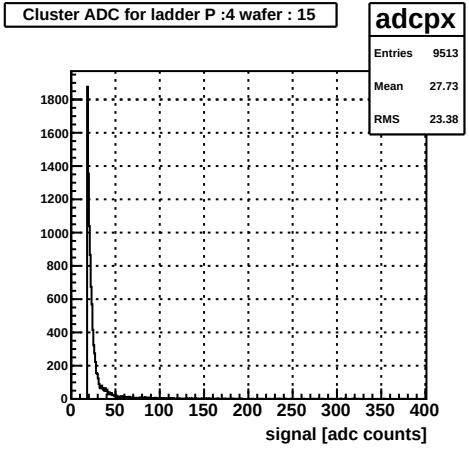

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 13689
Mean 25.33
RMS 16.01
signal [adc counts]

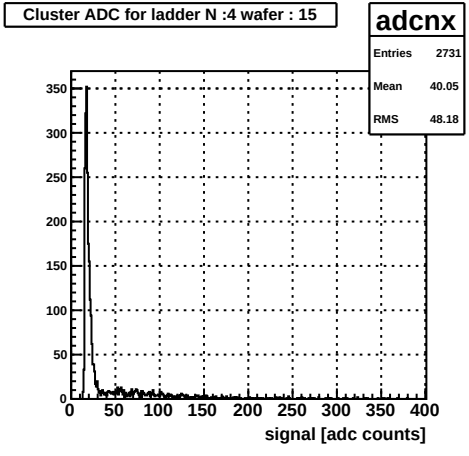

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2072
Mean 47.71
RMS 53.95
signal [adc counts]

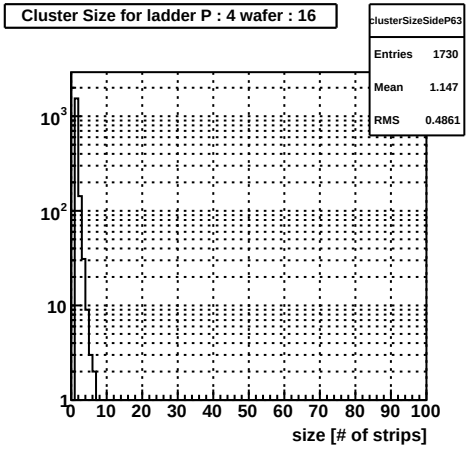

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9513
Mean 1.067
RMS 0.3325
size [# of strips]

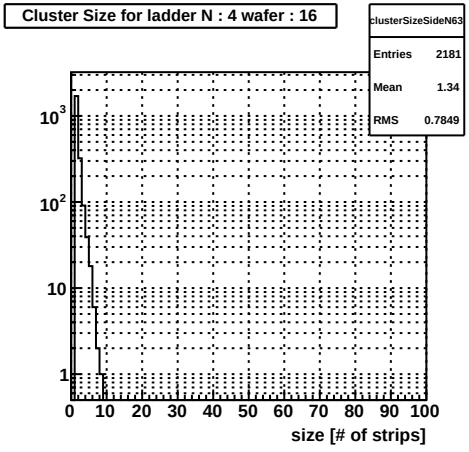

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2731
Mean 1.246
RMS 0.6782
size [# of strips]

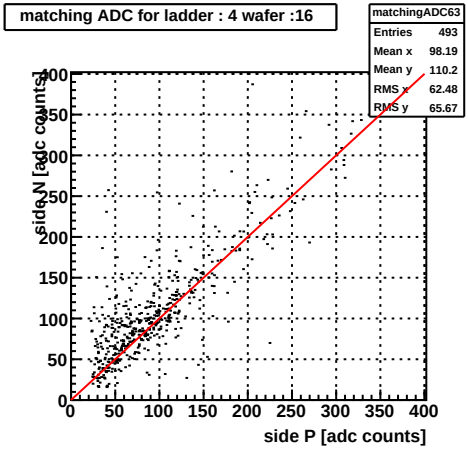

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 644
Mean x 86.36
Mean y 81.45
RMS x 66.68
RMS y 62.29
side N [adc counts]
side P [adc counts]

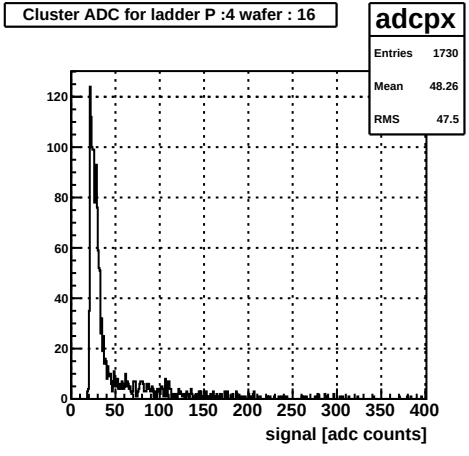

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9513
Mean 27.73
RMS 23.38
signal [adc counts]

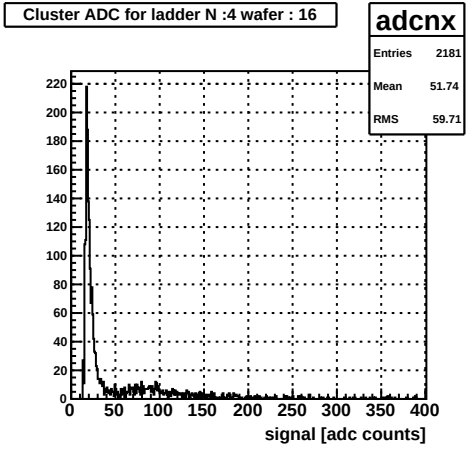

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2731
Mean 40.05
RMS 48.18
signal [adc counts]

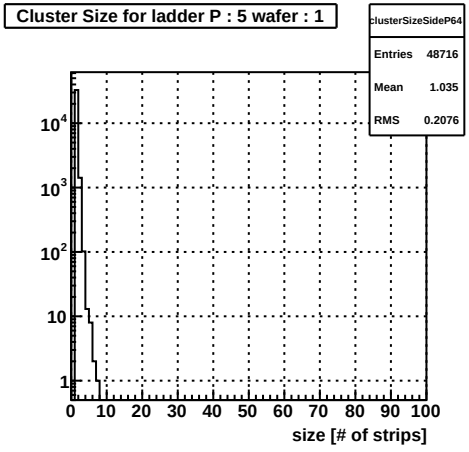

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1730
Mean 1.147
RMS 0.4861
size [# of strips]

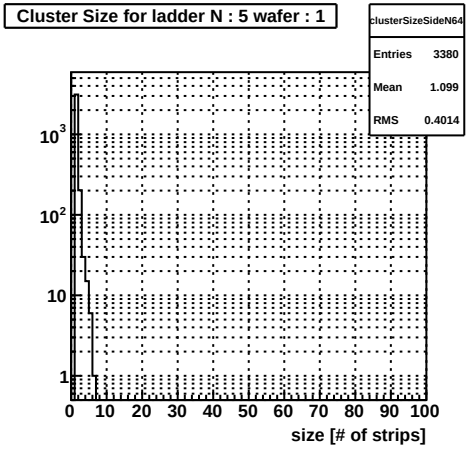

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2181
Mean 1.34
RMS 0.7849
size [# of strips]

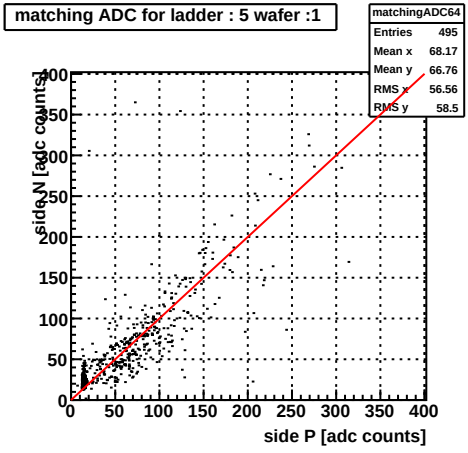

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 493
Mean x 98.19
Mean y 110.2
RMS x 62.48
RMS y 65.67
side N [adc counts]
side P [adc counts]

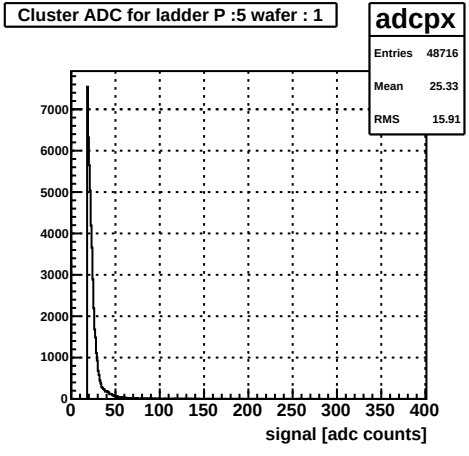

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1730
Mean 48.26
RMS 47.5
signal [adc counts]

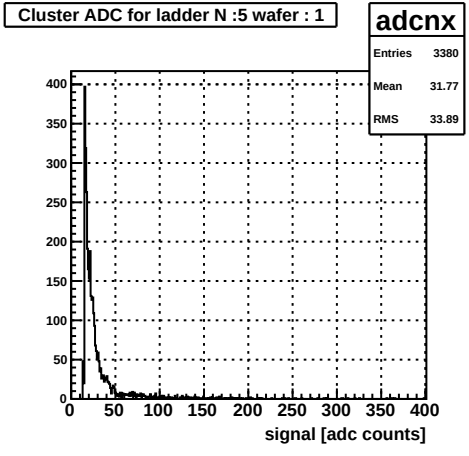

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2181
Mean 51.74
RMS 59.71
signal [adc counts]

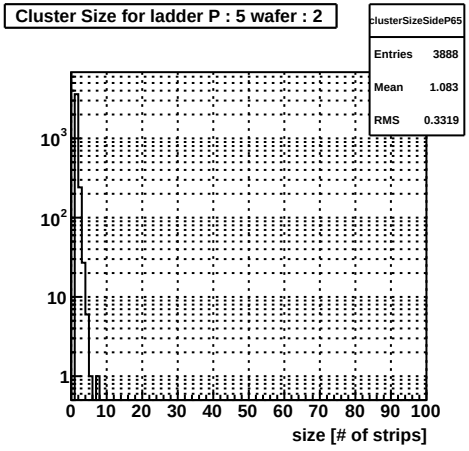

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 48716
Mean 1.035
RMS 0.2076
size [# of strips]

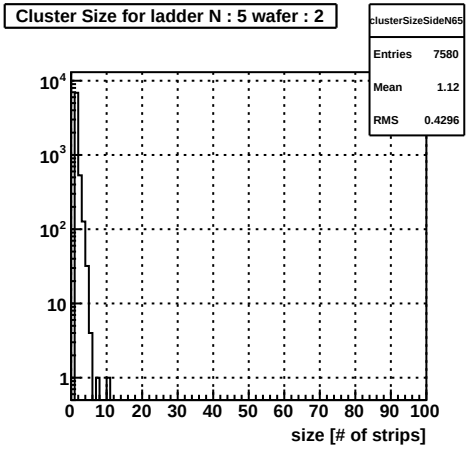

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 3380
Mean 1.099
RMS 0.4014
size [# of strips]

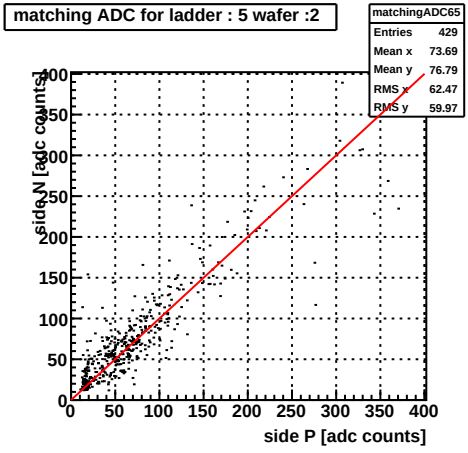

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 495
Mean x 68.17
Mean y 66.76
RMS x 56.56
RMS y 58.5
side N [adc counts]
side P [adc counts]

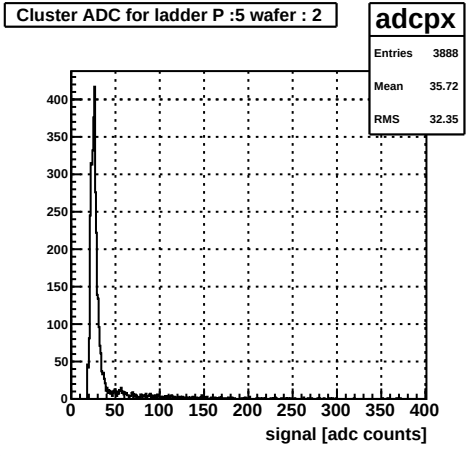

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 48716
Mean 25.33
RMS 15.91
signal [adc counts]

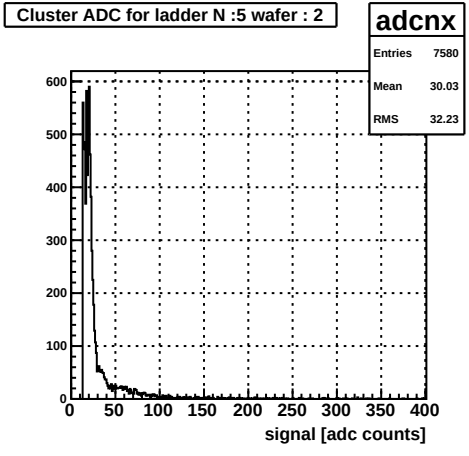

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 3380
Mean 31.77
RMS 33.89
signal [adc counts]

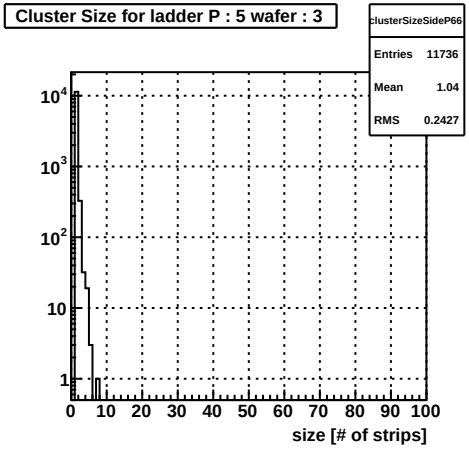

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 3888
Mean 1.083
RMS 0.3319
size [# of strips]

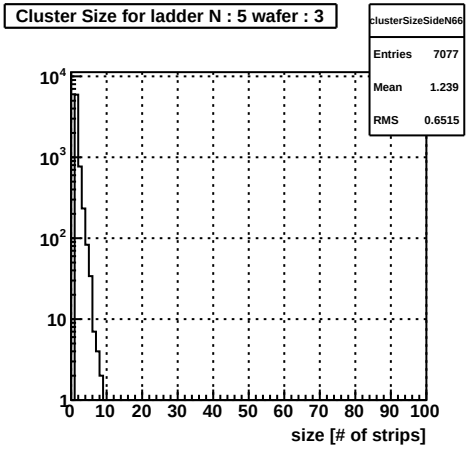

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 7580
Mean 1.12
RMS 0.4296
size [# of strips]

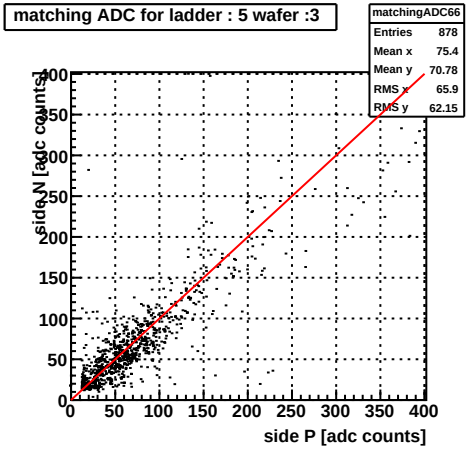

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 429
Mean x 73.69
Mean y 76.79
RMS x 62.47
RMS y 59.97
side N [adc counts]
side P [adc counts]

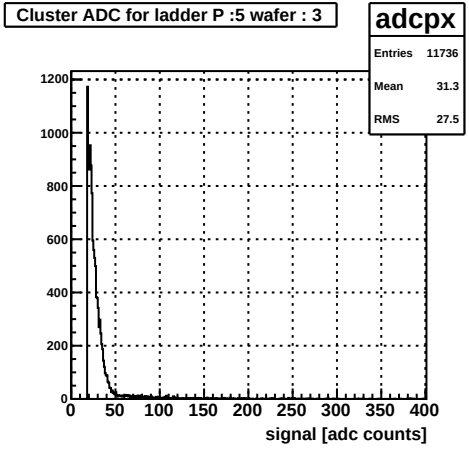

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 3888
Mean 35.72
RMS 32.35
signal [adc counts]

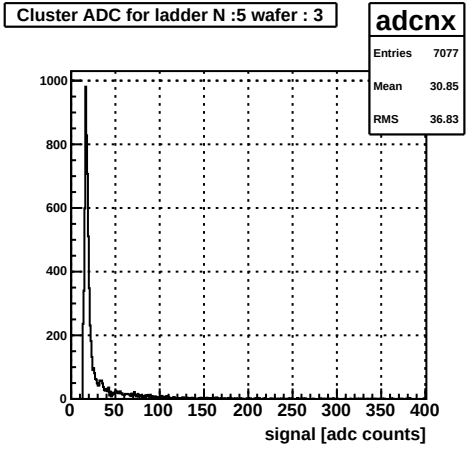

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 7580
Mean 30.03
RMS 32.23
signal [adc counts]

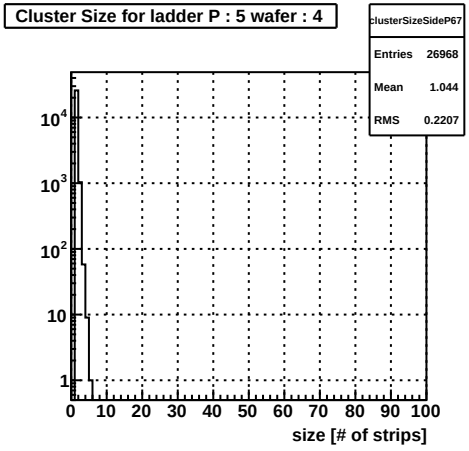

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 11736
Mean 1.04
RMS 0.2427
size [# of strips]

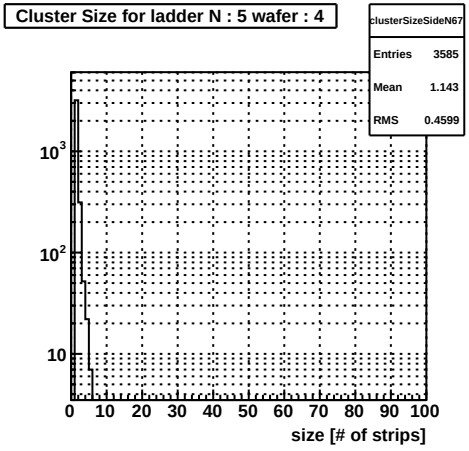

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7077
Mean 1.239
RMS 0.6515
size [# of strips]

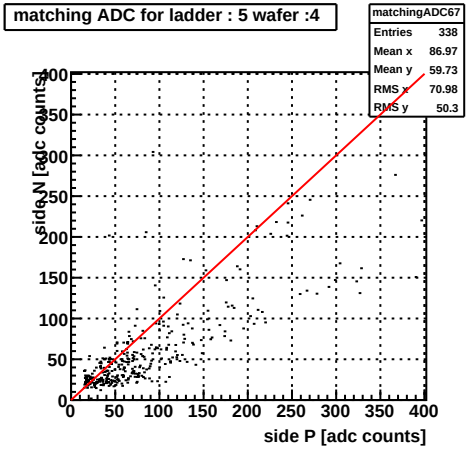

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 878
Mean x 75.4
Mean y 70.78
RMS x 65.9
RMS y 62.15
side N [adc counts]
side P [adc counts]

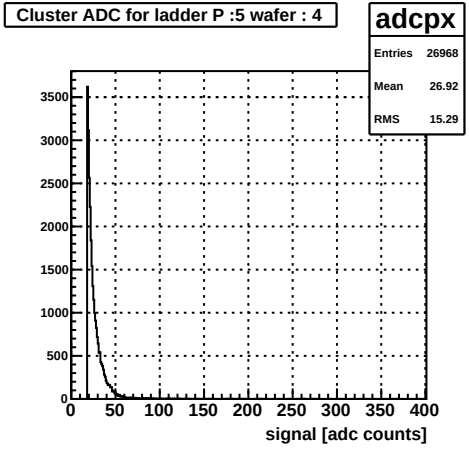

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 11736
Mean 31.3
RMS 27.5
signal [adc counts]

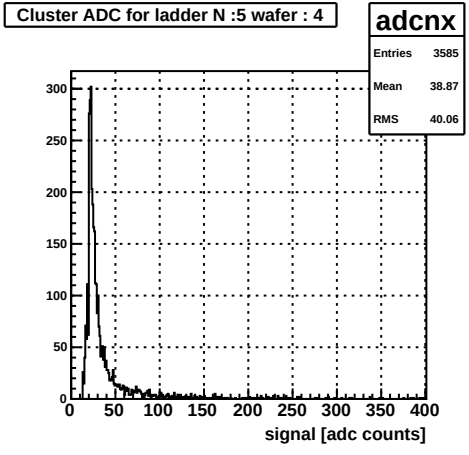

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7077
Mean 30.85
RMS 36.83
signal [adc counts]

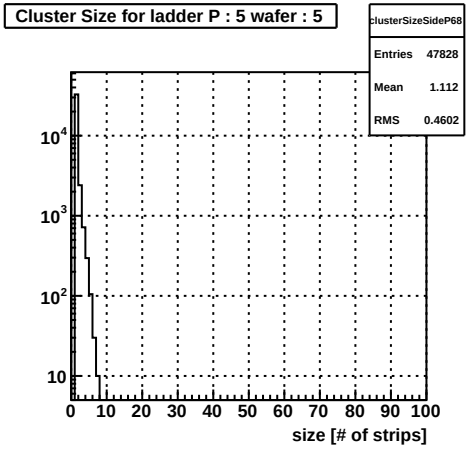

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 26968
Mean 1.044
RMS 0.2207
size [# of strips]

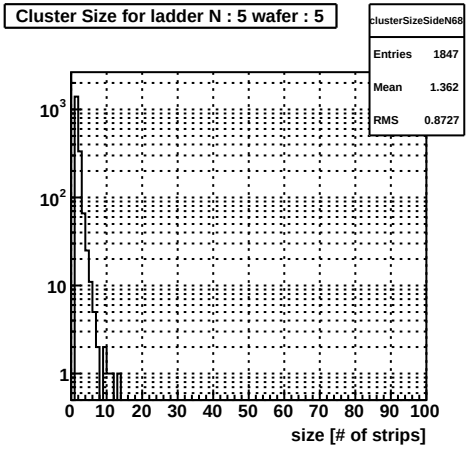

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 3585
Mean 1.143
RMS 0.4599
size [# of strips]

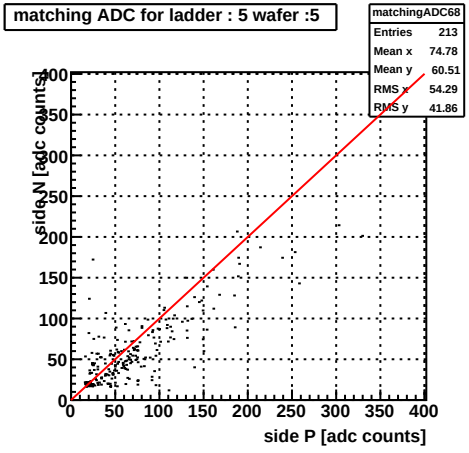

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 338
Mean x 86.97
Mean y 59.73
RMS x 70.98
RMS y 50.3
side N [adc counts]
side P [adc counts]

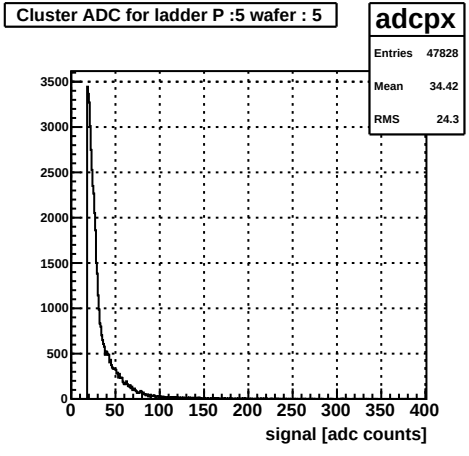

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 26968
Mean 26.92
RMS 15.29
signal [adc counts]

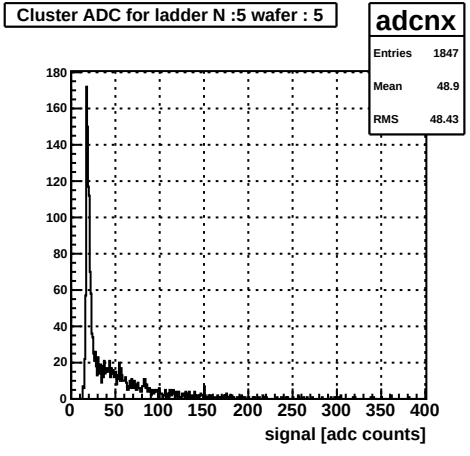

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 3585
Mean 38.87
RMS 40.06
signal [adc counts]

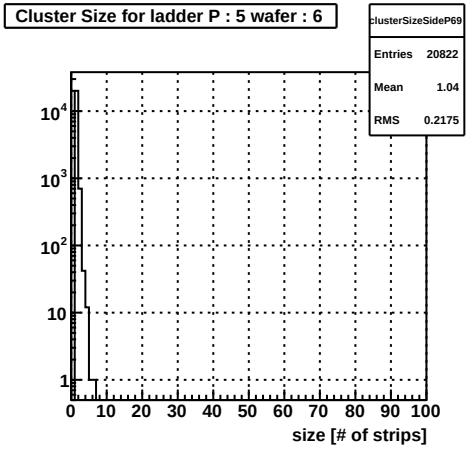

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 47828
Mean 1.112
RMS 0.4602
size [# of strips]

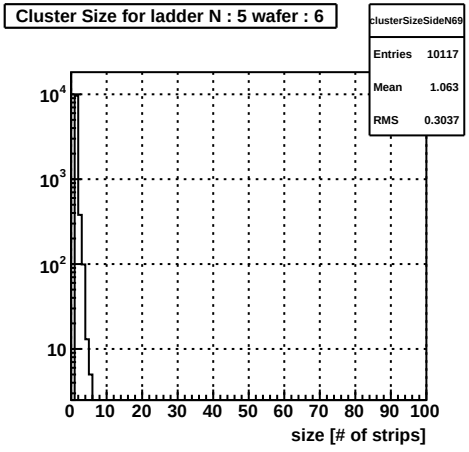

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1847
Mean 1.362
RMS 0.8727
size [# of strips]

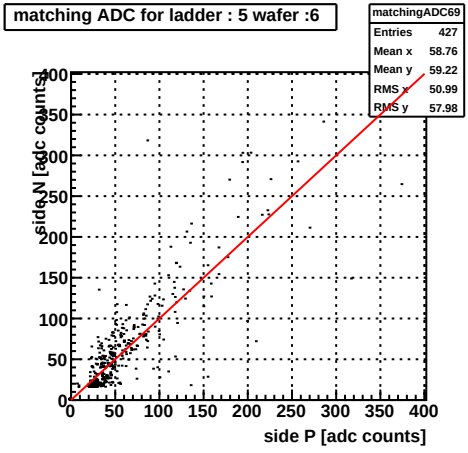

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 213
Mean x 74.78
Mean y 60.51
RMS x 54.29
RMS y 41.86
side N [adc counts]
side P [adc counts]

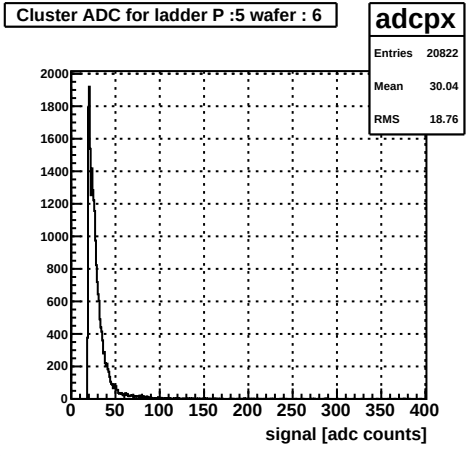

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 47828
Mean 34.42
RMS 24.3
signal [adc counts]

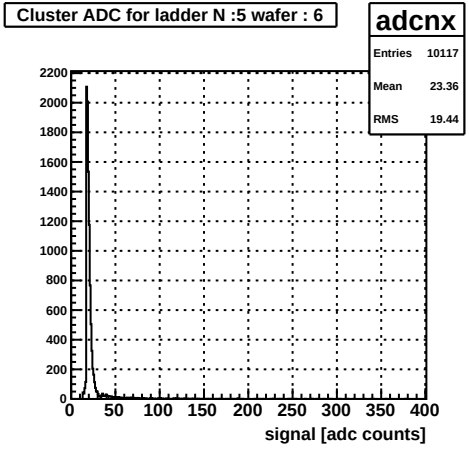

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1847
Mean 48.9
RMS 48.43
signal [adc counts]

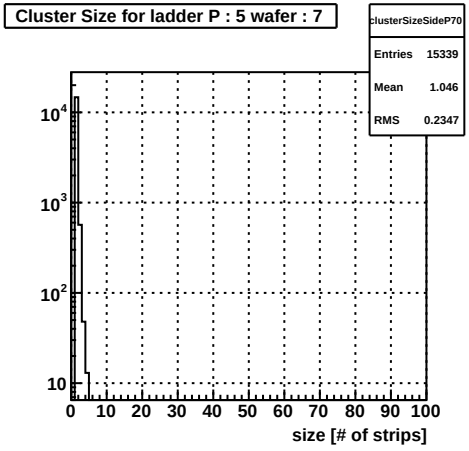

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 20822
Mean 1.04
RMS 0.2175
size [# of strips]

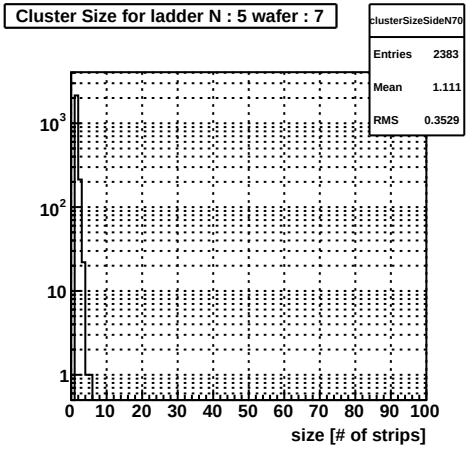

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10117
Mean 1.063
RMS 0.3037
size [# of strips]

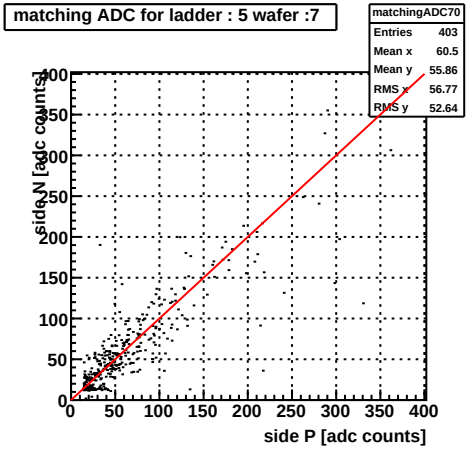

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 427
Mean x 58.76
Mean y 59.22
RMS x 50.99
RMS y 57.98
side N [adc counts]
side P [adc counts]

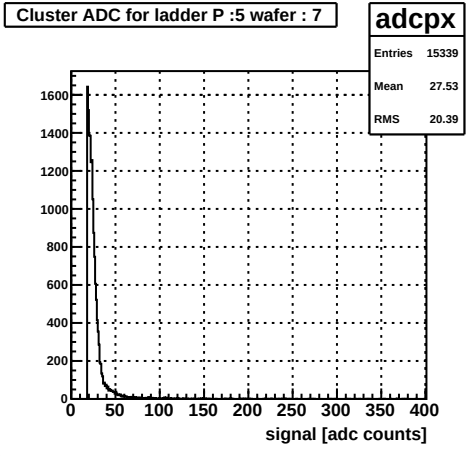

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 20822
Mean 30.04
RMS 18.76
signal [adc counts]

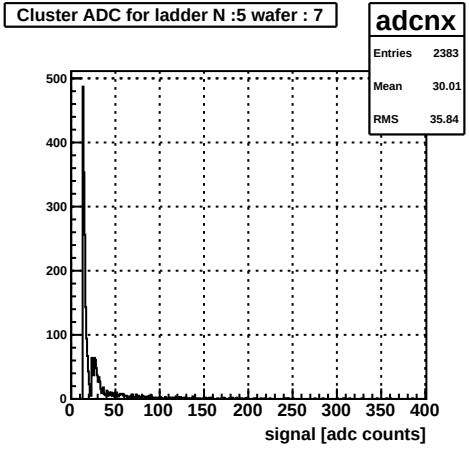

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10117
Mean 23.36
RMS 19.44
signal [adc counts]

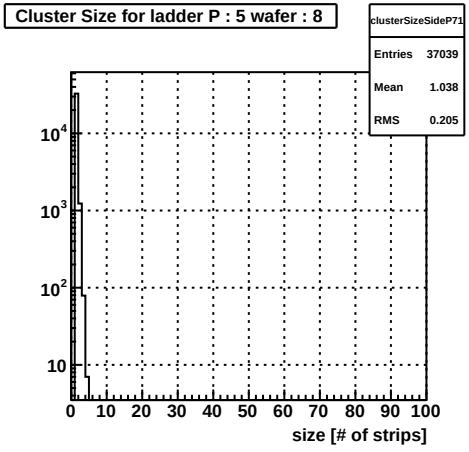

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 15339
Mean 1.046
RMS 0.2347
size [# of strips]

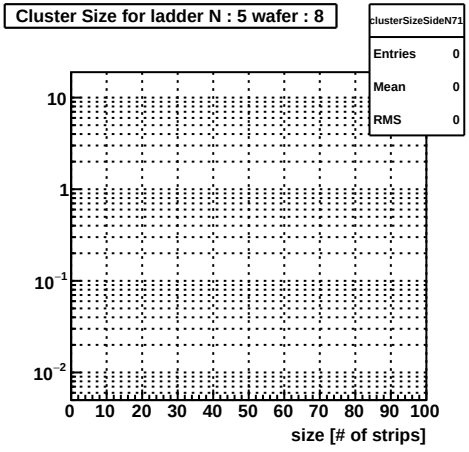

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 2383
Mean 1.111
RMS 0.3529
size [# of strips]

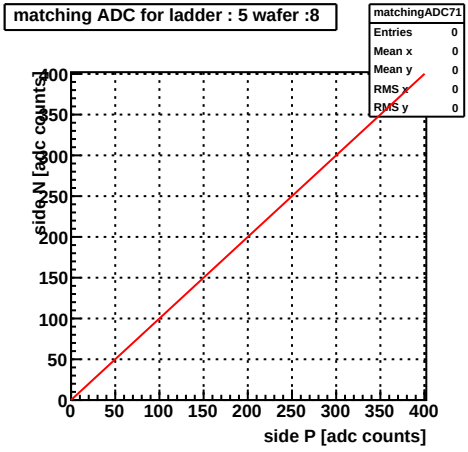

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 403
Mean x 60.5
Mean y 55.86
RMS x 56.77
RMS y 52.64
side N [adc counts]
side P [adc counts]

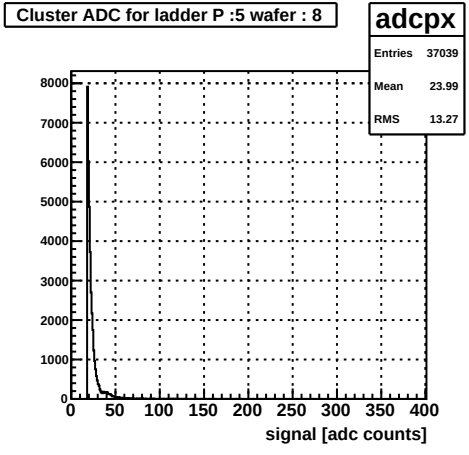

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 15339
Mean 27.53
RMS 20.39
signal [adc counts]

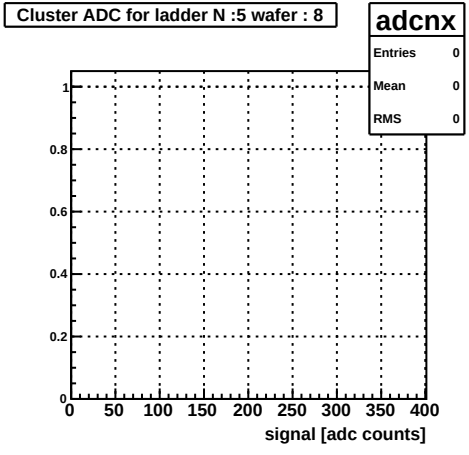

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 2383
Mean 30.01
RMS 35.84
signal [adc counts]

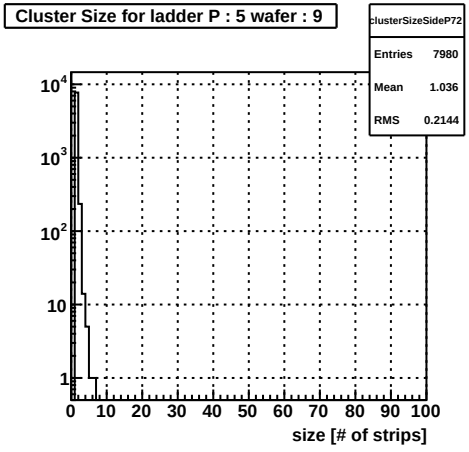

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 37039
Mean 1.038
RMS 0.205
size [# of strips]

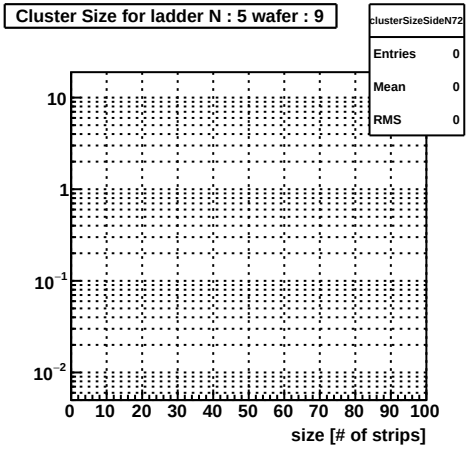

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

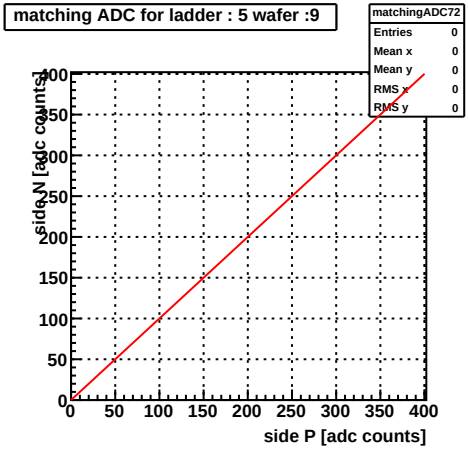

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

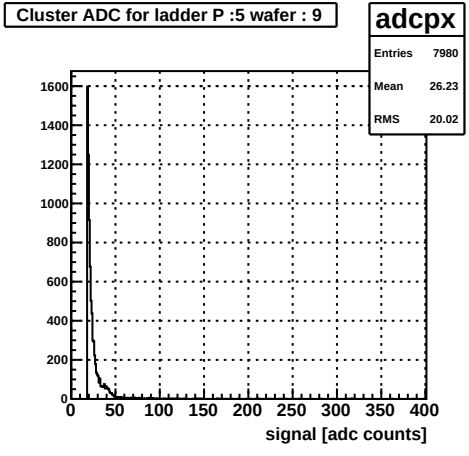

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 37039
Mean 23.99
RMS 13.27
signal [adc counts]

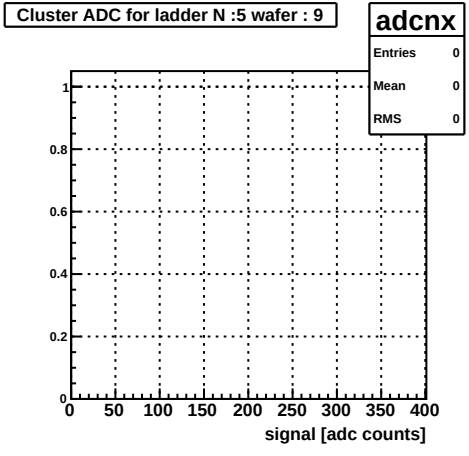

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

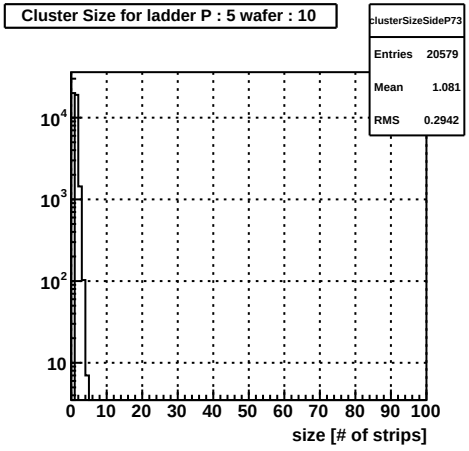

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 7980
Mean 1.036
RMS 0.2144
size [# of strips]

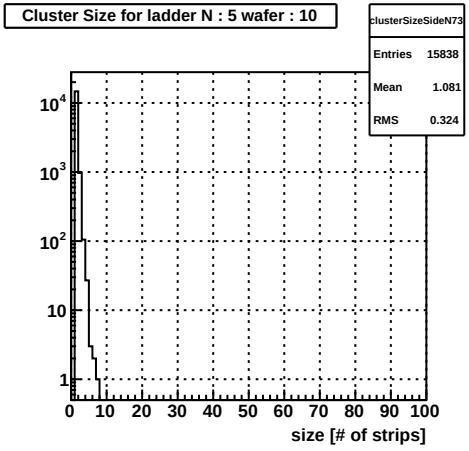

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

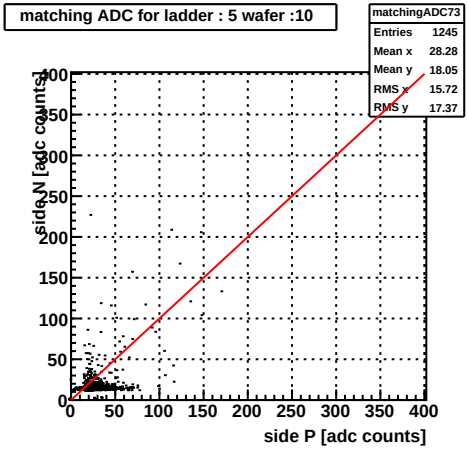

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

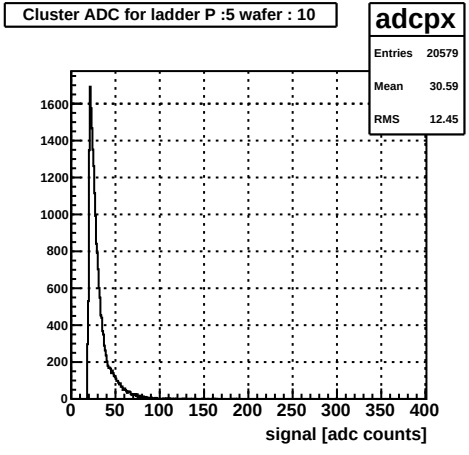

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 7980
Mean 26.23
RMS 20.02
signal [adc counts]

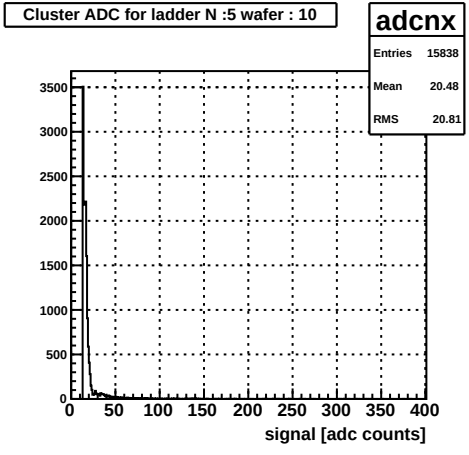

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

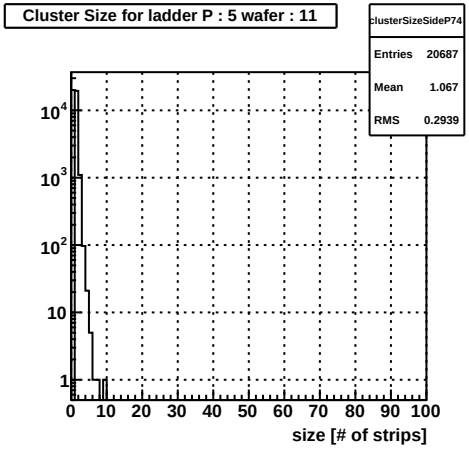

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 20579
Mean 1.081
RMS 0.2942
size [# of strips]

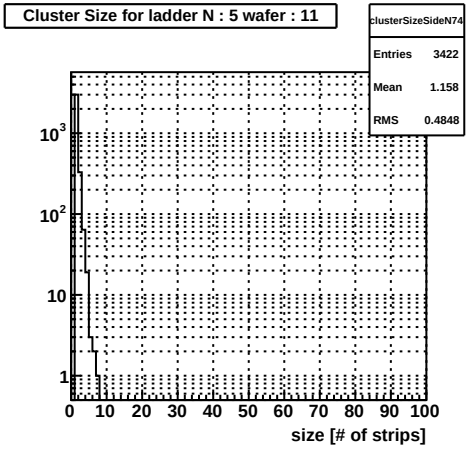

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 15838
Mean 1.081
RMS 0.324
size [# of strips]

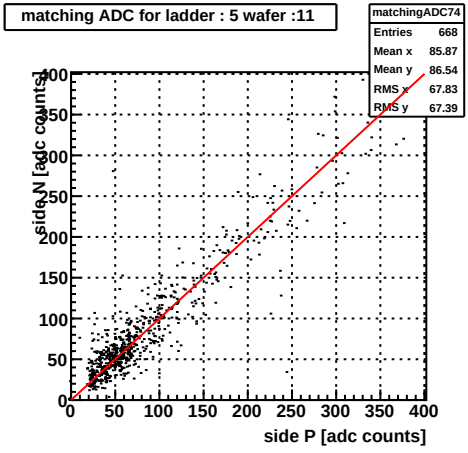

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1245
Mean x 28.28
Mean y 18.05
RMS x 15.72
RMS y 17.37
side N [adc counts]
side P [adc counts]

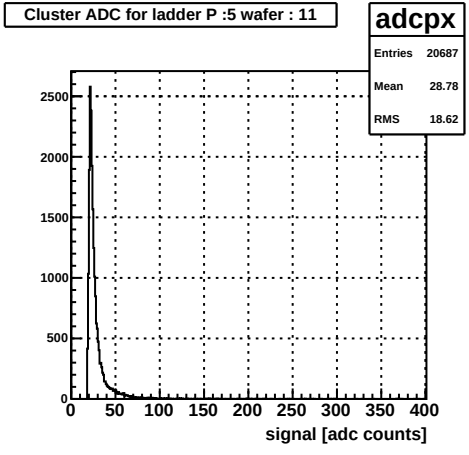

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 20579
Mean 30.59
RMS 12.45
signal [adc counts]

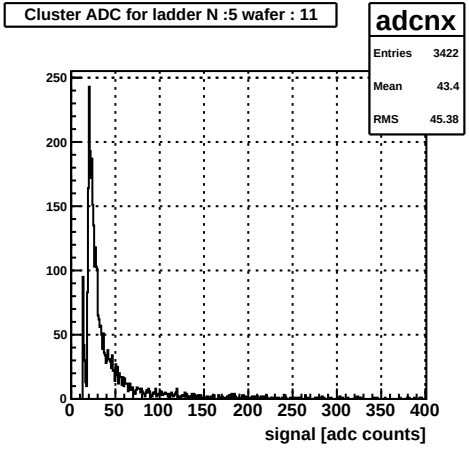

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 15838
Mean 20.48
RMS 20.81
signal [adc counts]

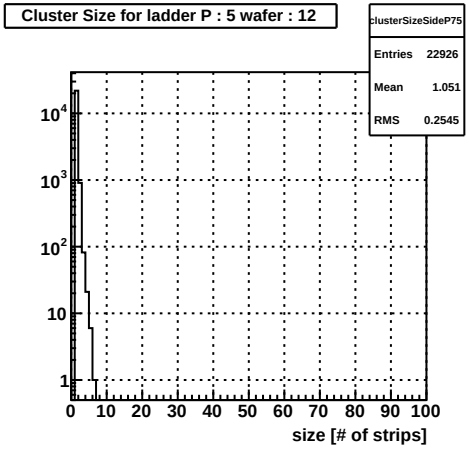

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 20687
Mean 1.067
RMS 0.2939
size [# of strips]

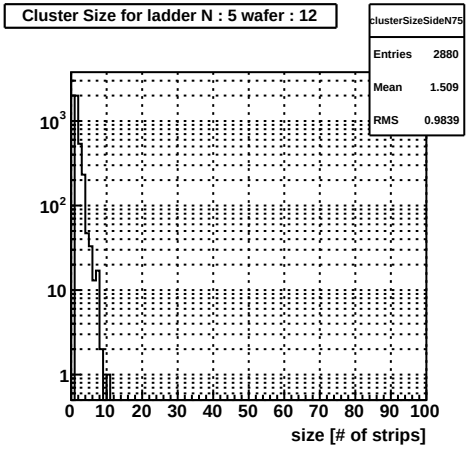

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3422
Mean 1.158
RMS 0.4848
size [# of strips]

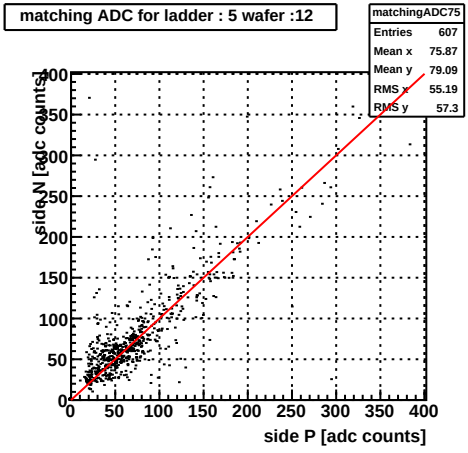

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 668
Mean x 85.87
Mean y 86.54
RMS x 67.83
RMS y 67.39
side N [adc counts]
side P [adc counts]

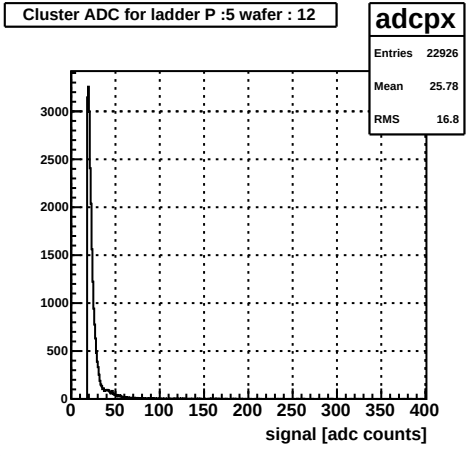

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 20687
Mean 28.78
RMS 18.62
signal [adc counts]

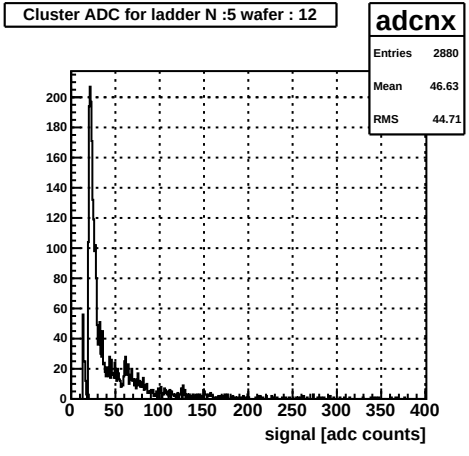

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3422
Mean 43.4
RMS 45.38
signal [adc counts]

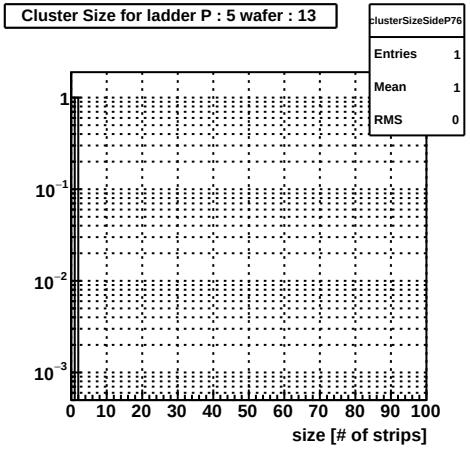

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 22926
Mean 1.051
RMS 0.2545
size [# of strips]

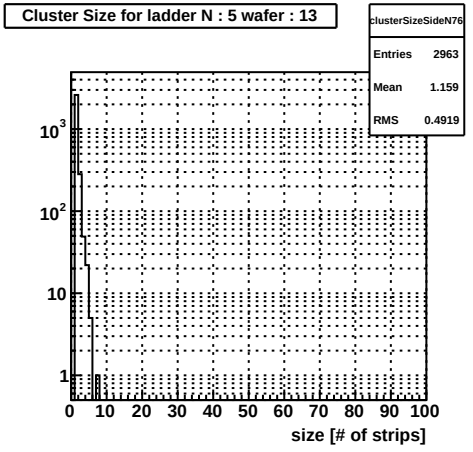

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2880
Mean 1.509
RMS 0.9839
size [# of strips]

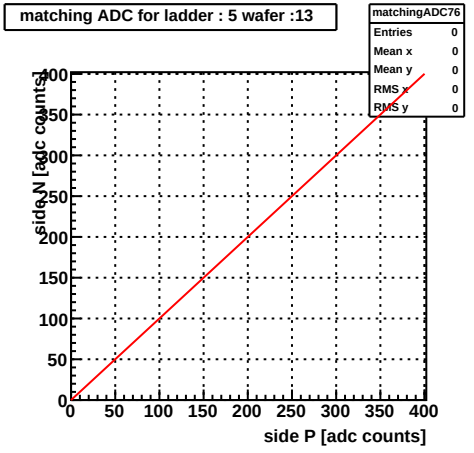

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 607
Mean x 75.87
Mean y 79.09
RMS x 55.19
RMS y 57.3
side N [adc counts]
side P [adc counts]

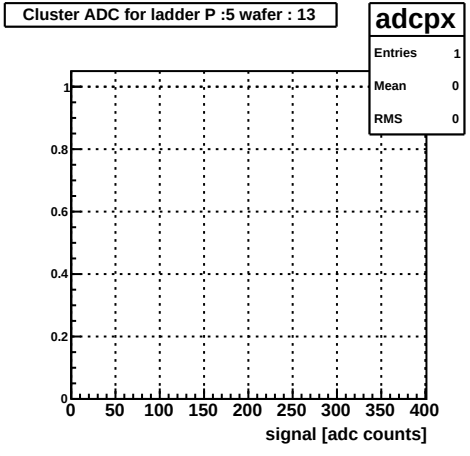

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 22926
Mean 25.78
RMS 16.8
signal [adc counts]

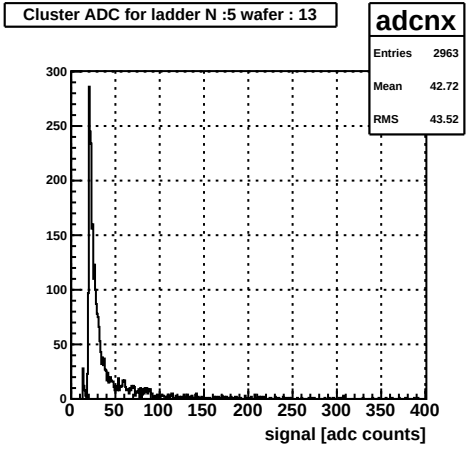

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2880
Mean 46.63
RMS 44.71
signal [adc counts]

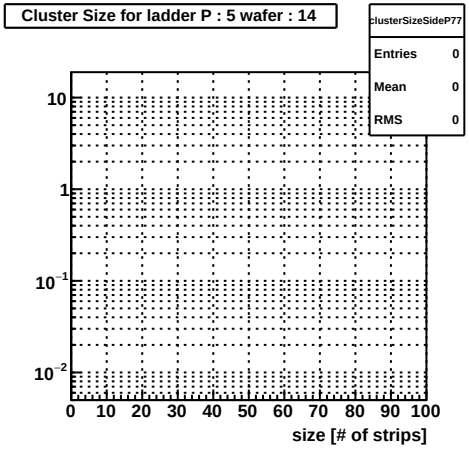

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

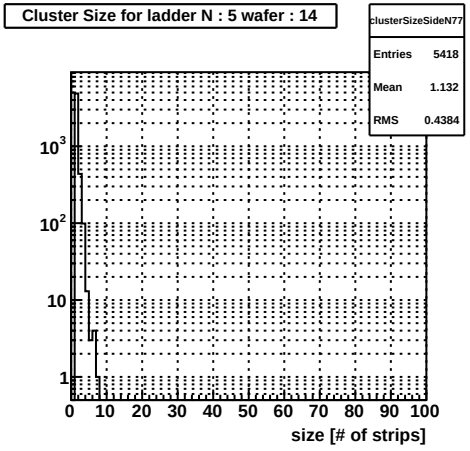

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2963
Mean 1.159
RMS 0.4919
size [# of strips]

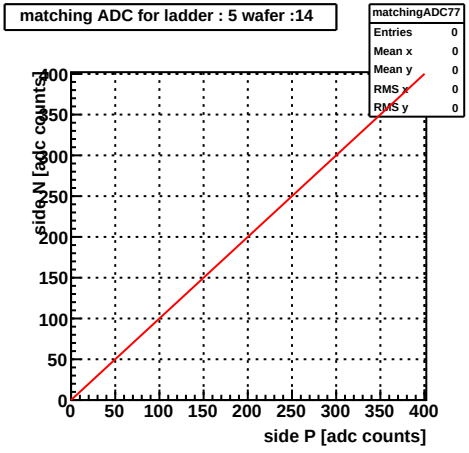

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

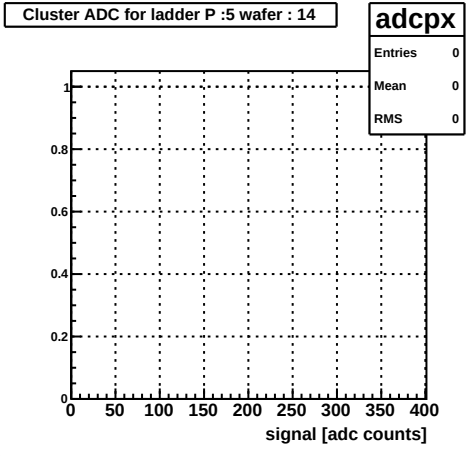

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

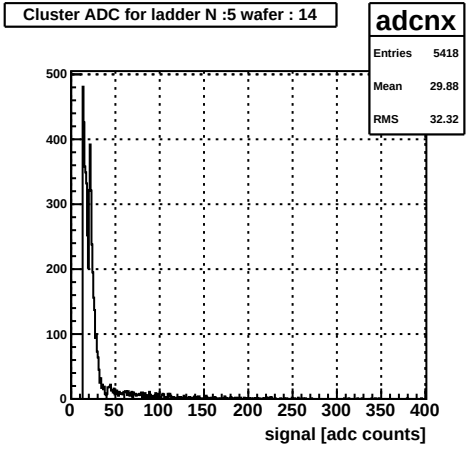

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2963
Mean 42.72
RMS 43.52
signal [adc counts]

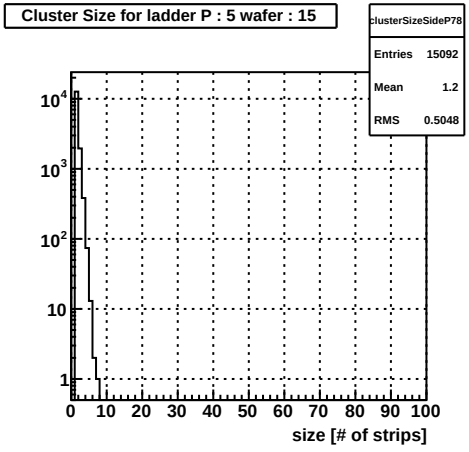

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

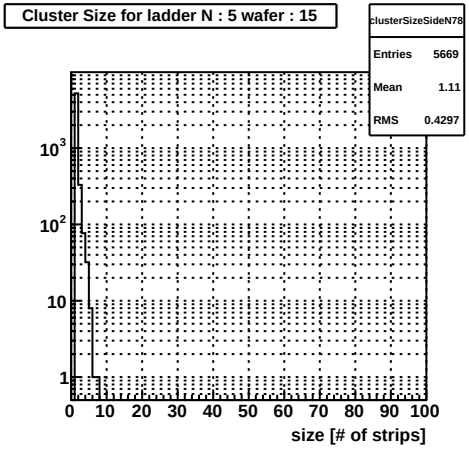

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5418
Mean 1.132
RMS 0.4384
size [# of strips]

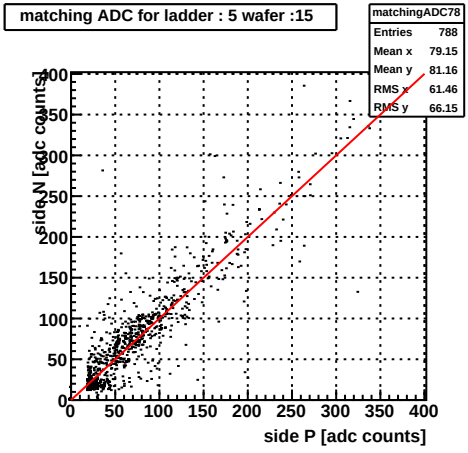

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

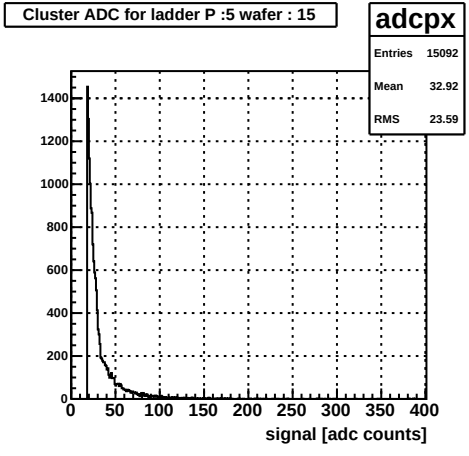

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

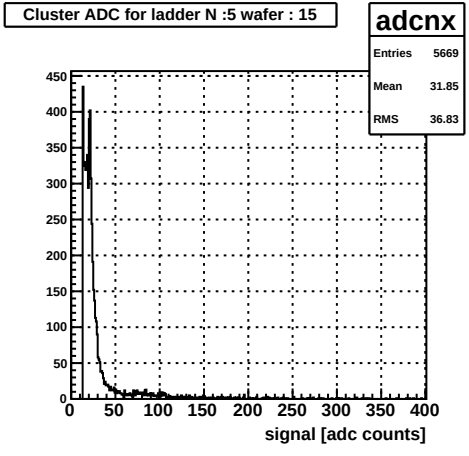

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5418
Mean 29.88
RMS 32.32
signal [adc counts]

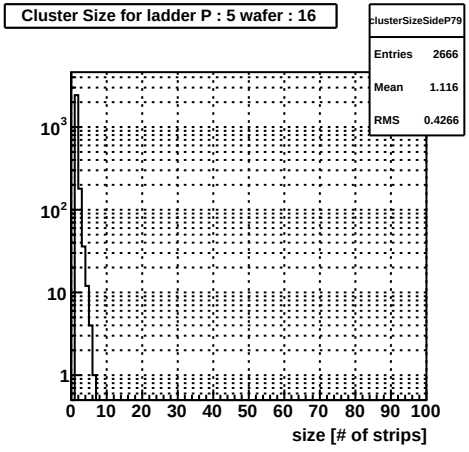

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 15092
Mean 1.2
RMS 0.5048
size [# of strips]

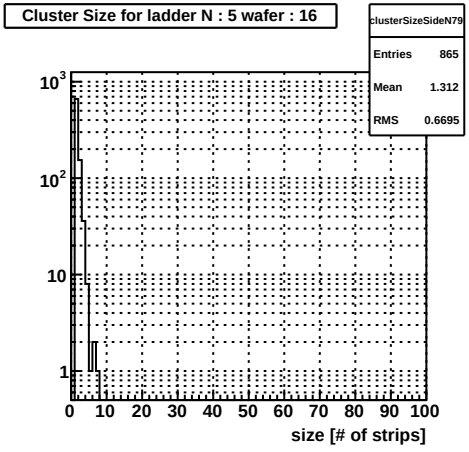

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 5669
Mean 1.11
RMS 0.4297
size [# of strips]

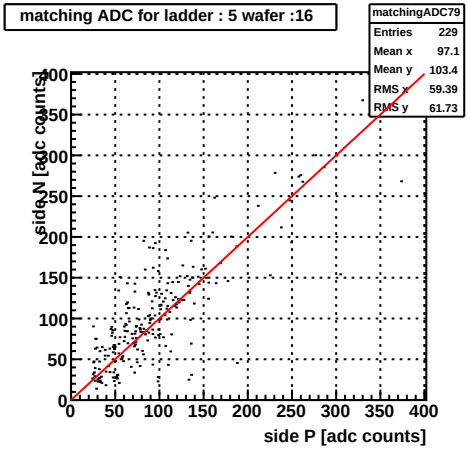

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 788
Mean x 79.15
Mean y 81.16
RMS x 61.46
RMS y 66.15
side N [adc counts]
side P [adc counts]

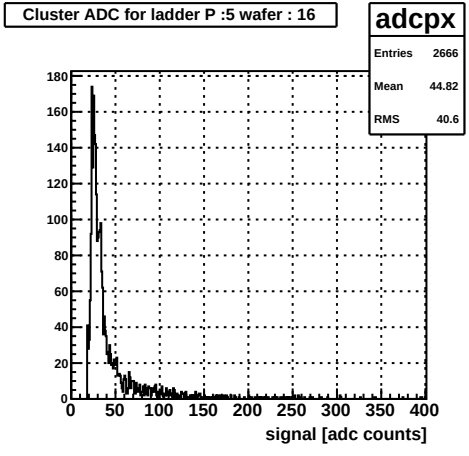

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 15092
Mean 32.92
RMS 23.59
signal [adc counts]

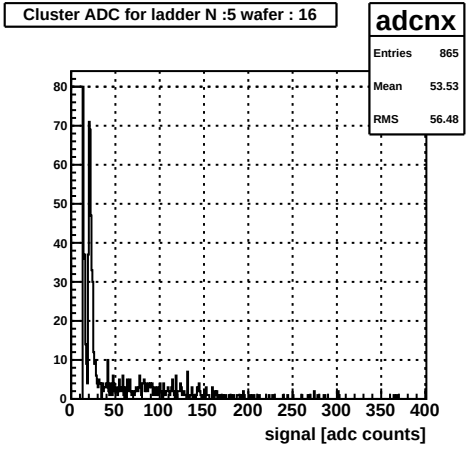

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 5669
Mean 31.85
RMS 36.83
signal [adc counts]

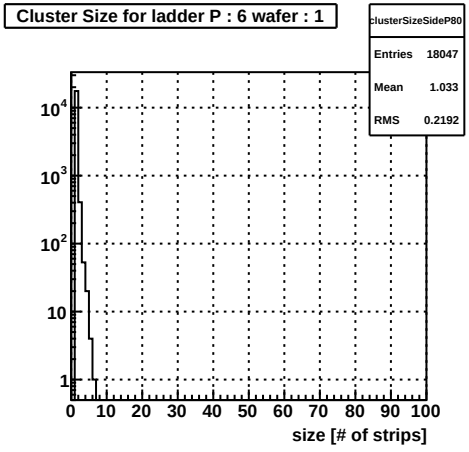

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2666
Mean 1.116
RMS 0.4266
size [# of strips]

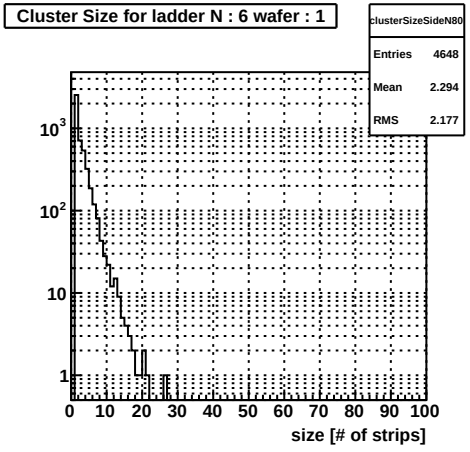

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 865
Mean 1.312
RMS 0.6695
size [# of strips]

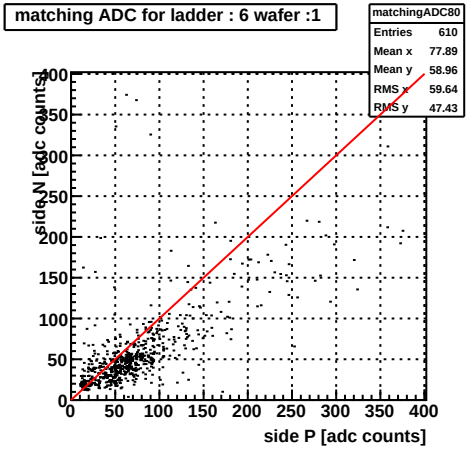

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 229
Mean x 97.1
Mean y 103.4
RMS x 59.39
RMS y 61.73
side N [adc counts]
side P [adc counts]

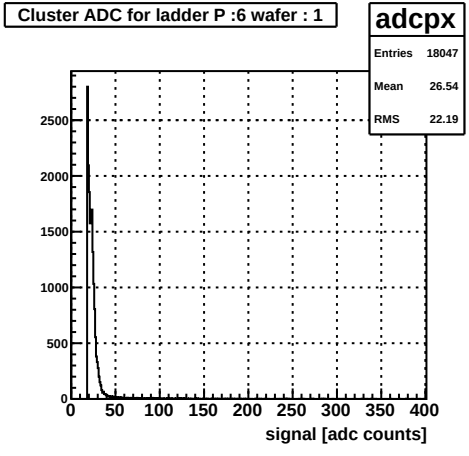

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2666
Mean 44.82
RMS 40.6
signal [adc counts]

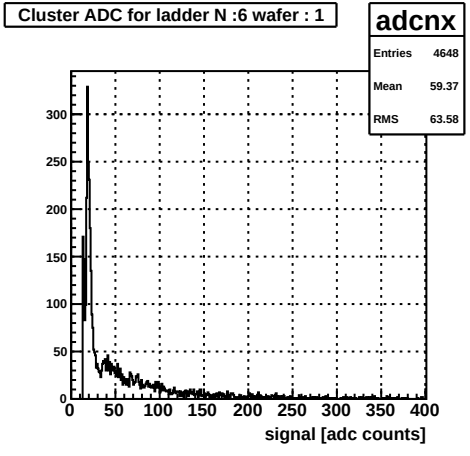

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 865
Mean 53.53
RMS 56.48
signal [adc counts]

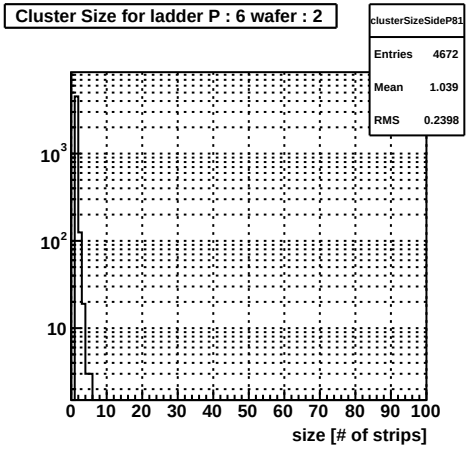

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 18047
Mean 1.033
RMS 0.2192
size [# of strips]

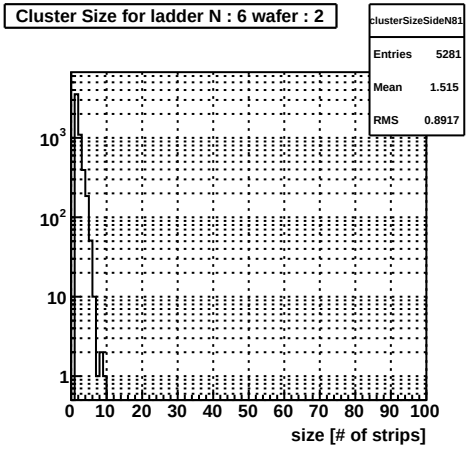

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4648
Mean 2.294
RMS 2.177
size [# of strips]

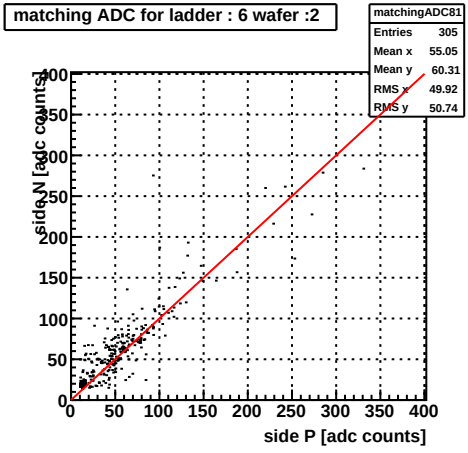

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 610
Mean x 77.89
Mean y 58.96
RMS x 59.64
RMS y 47.43
side N [adc counts]
side P [adc counts]

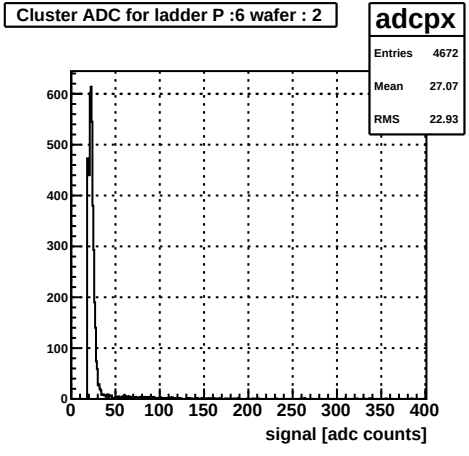

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 18047
Mean 26.54
RMS 22.19
signal [adc counts]

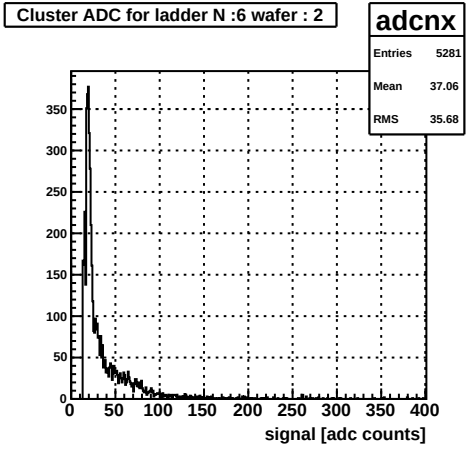

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4648
Mean 59.37
RMS 63.58
signal [adc counts]

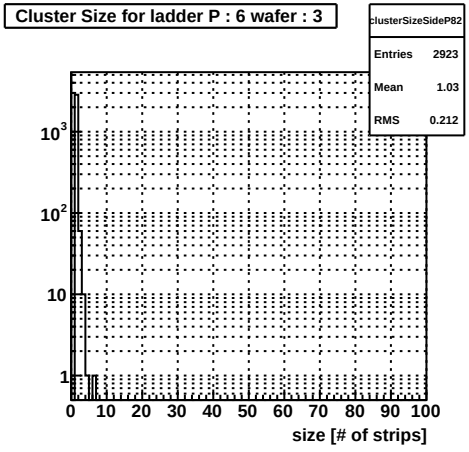

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4672
Mean 1.039
RMS 0.2398
size [# of strips]

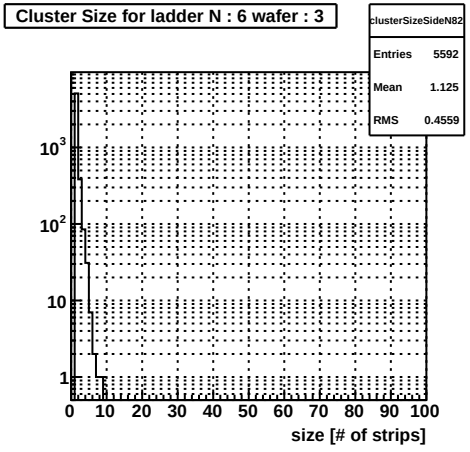

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 5281
Mean 1.515
RMS 0.8917
size [# of strips]

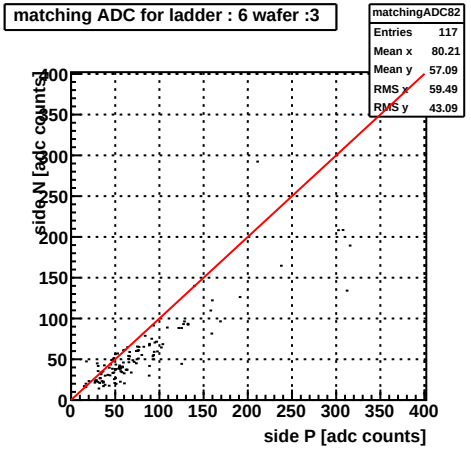

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 305
Mean x 55.05
Mean y 60.31
RMS x 49.92
RMS y 50.74
side N [adc counts]
side P [adc counts]

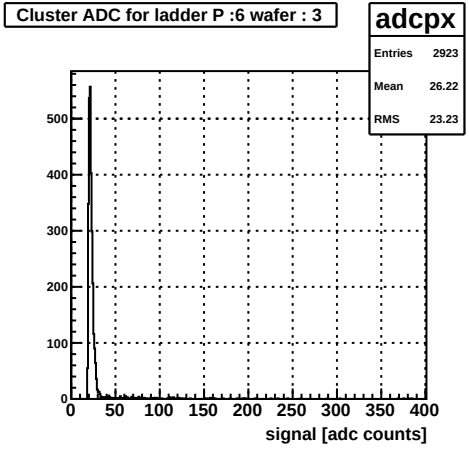

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4672
Mean 27.07
RMS 22.93
signal [adc counts]

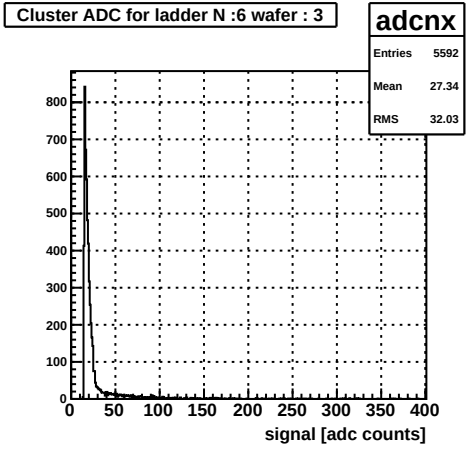

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 5281
Mean 37.06
RMS 35.68
signal [adc counts]

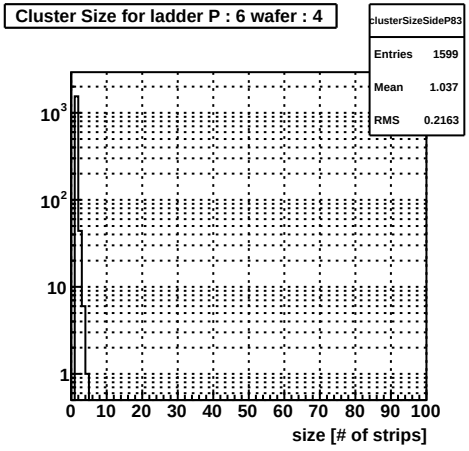

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2923
Mean 1.03
RMS 0.212
size [# of strips]

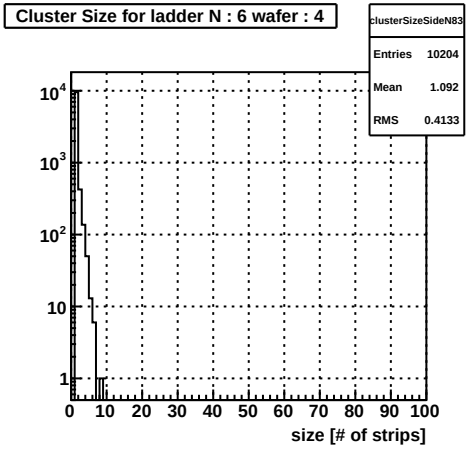

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 5592
Mean 1.125
RMS 0.4559
size [# of strips]

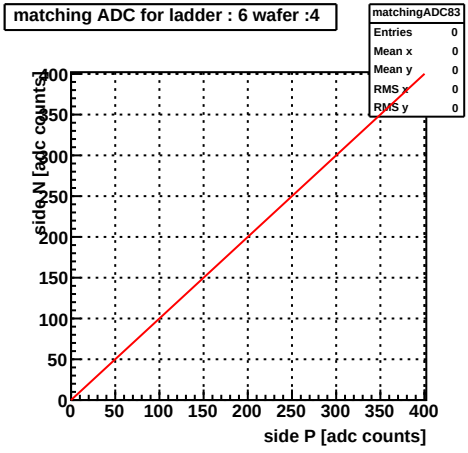

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 117
Mean x 80.21
Mean y 57.09
RMS x 59.49
RMS y 43.09
side N [adc counts]
side P [adc counts]

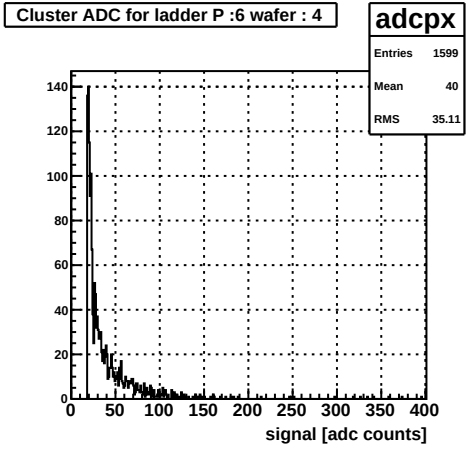

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2923
Mean 26.22
RMS 23.23
signal [adc counts]

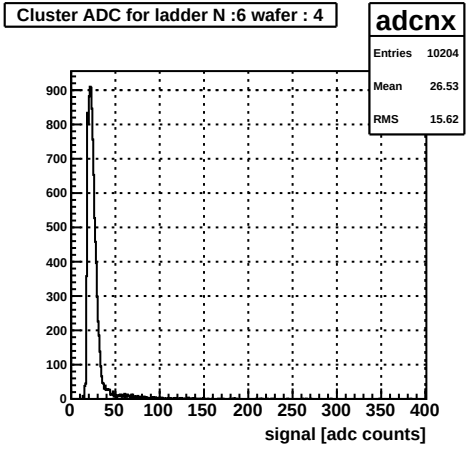

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 5592
Mean 27.34
RMS 32.03
signal [adc counts]

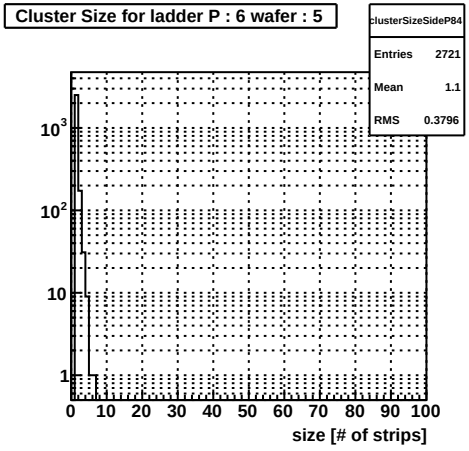

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1599
Mean 1.037
RMS 0.2163
size [# of strips]

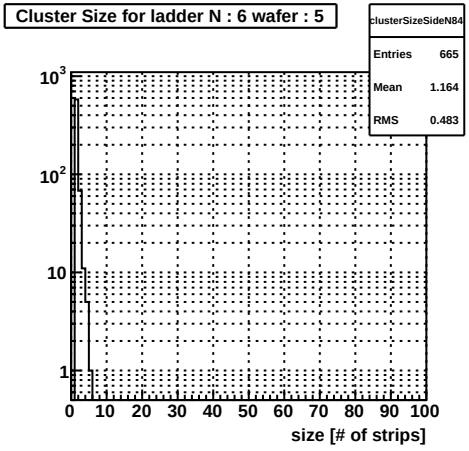

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 10204
Mean 1.092
RMS 0.4133
size [# of strips]

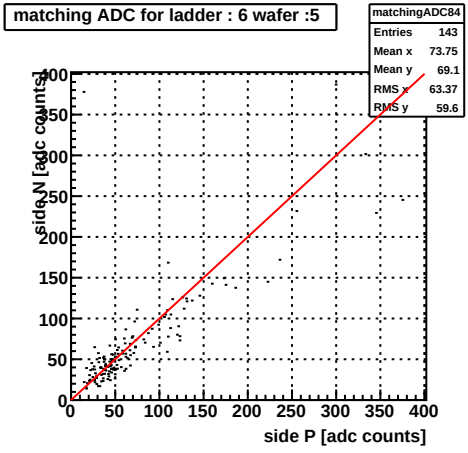

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

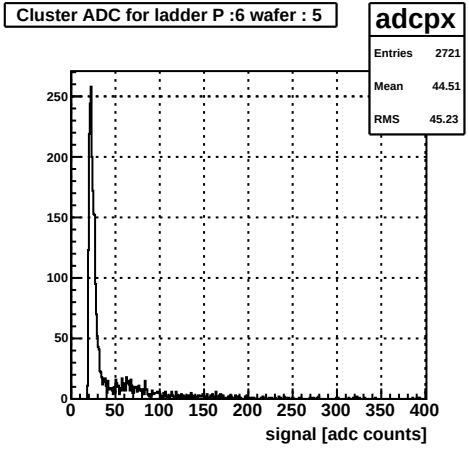

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1599
Mean 40
RMS 35.11
signal [adc counts]

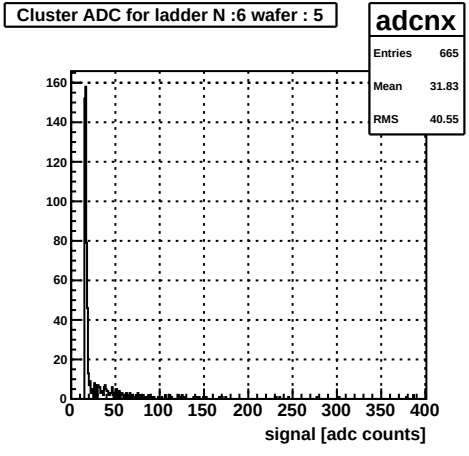

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 10204
Mean 26.53
RMS 15.62
signal [adc counts]

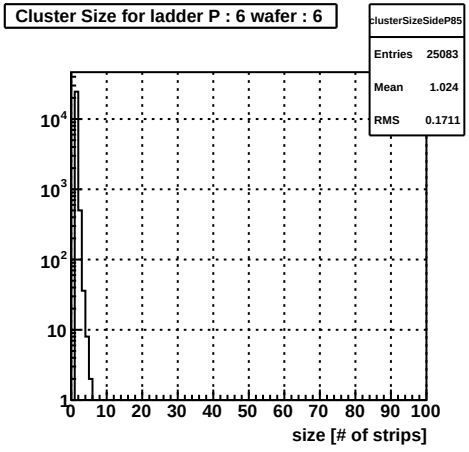

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2721
Mean 1.1
RMS 0.3796
size [# of strips]

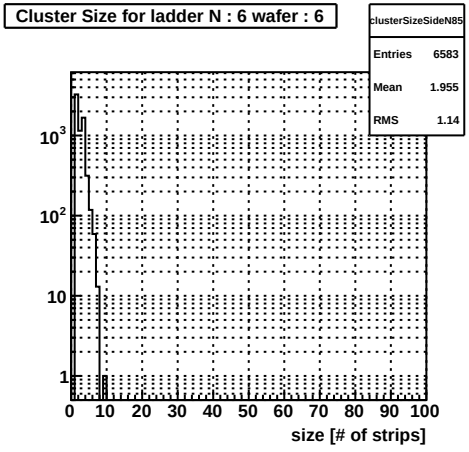

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 665
Mean 1.164
RMS 0.483
size [# of strips]

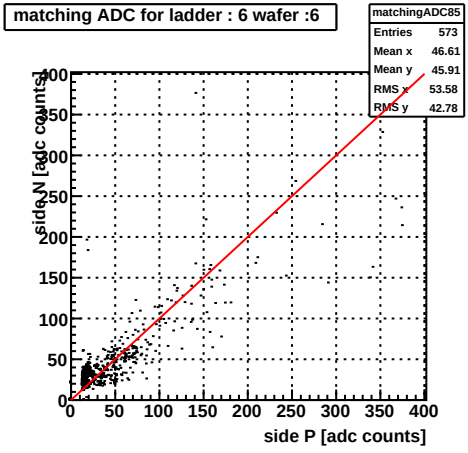

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 143
Mean x 73.75
Mean y 69.1
RMS x 63.37
RMS y 59.6
side N [adc counts]
side P [adc counts]

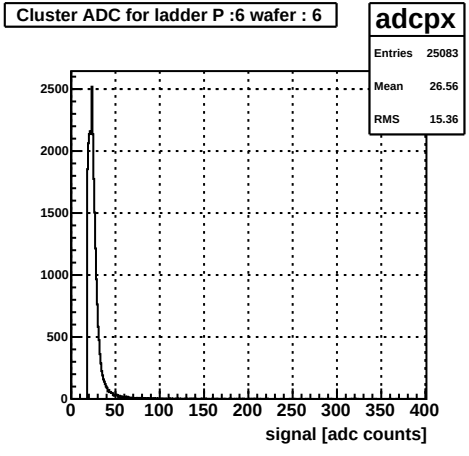

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2721
Mean 44.51
RMS 45.23
signal [adc counts]

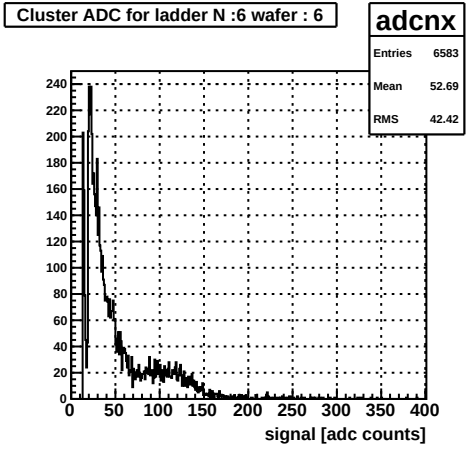

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 665
Mean 31.83
RMS 40.55
signal [adc counts]

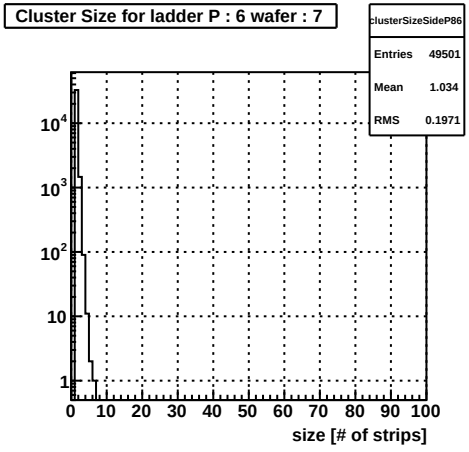

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 25083
Mean 1.024
RMS 0.1711
size [# of strips]

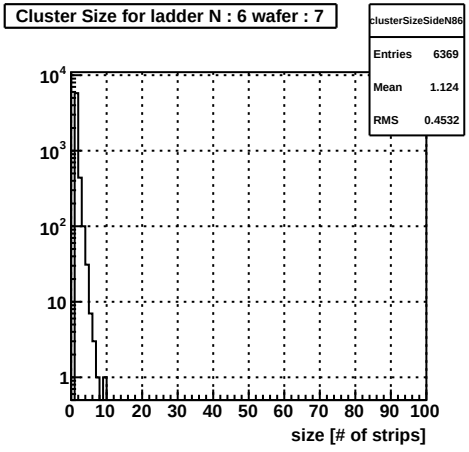

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 6583
Mean 1.955
RMS 1.14
size [# of strips]

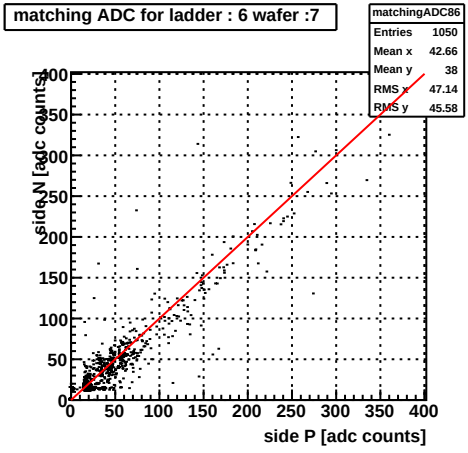

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 573
Mean x 46.61
Mean y 45.91
RMS x 53.58
RMS y 42.78
side N [adc counts]
side P [adc counts]

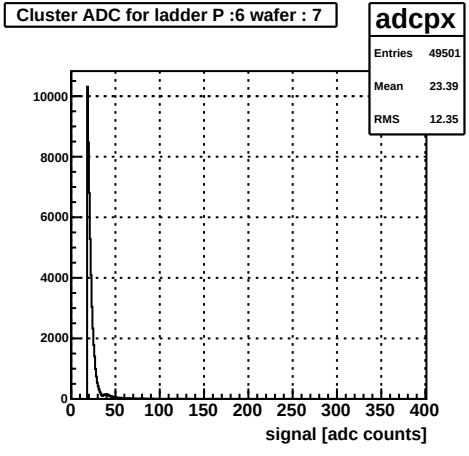

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 25083
Mean 26.56
RMS 15.36
signal [adc counts]

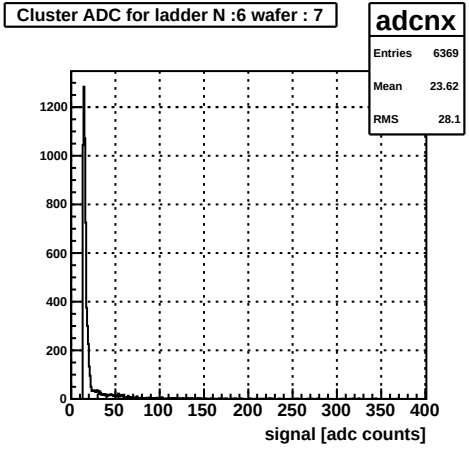

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 6583
Mean 52.69
RMS 42.42
signal [adc counts]

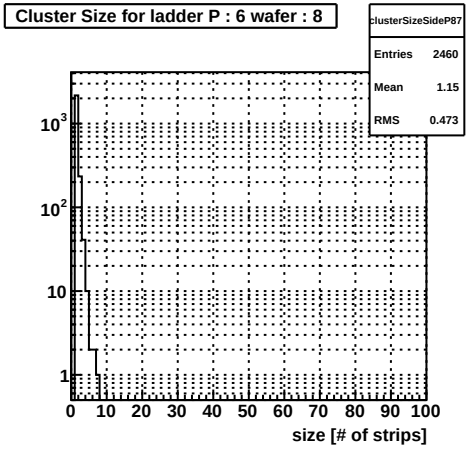

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 49501
Mean 1.034
RMS 0.1971
size [# of strips]

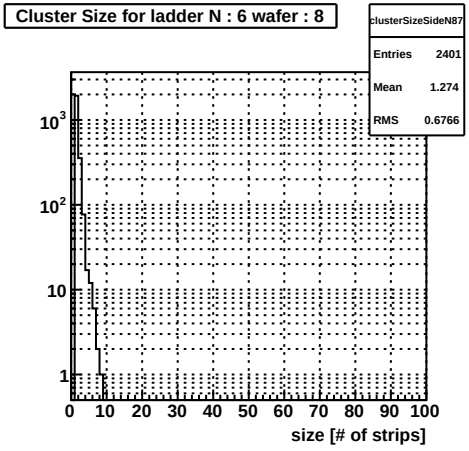

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6369
Mean 1.124
RMS 0.4532
size [# of strips]

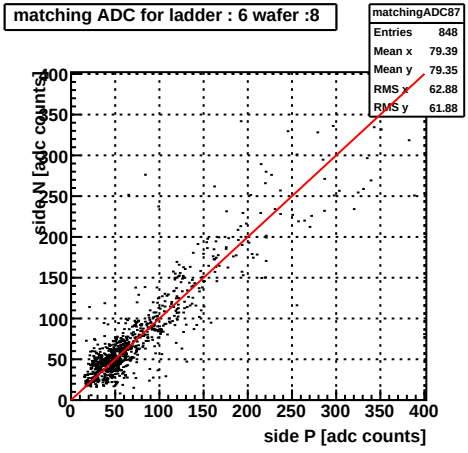

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1050
Mean x 42.66
Mean y 38
RMS x 47.14
RMS y 45.58
side N [adc counts]
side P [adc counts]

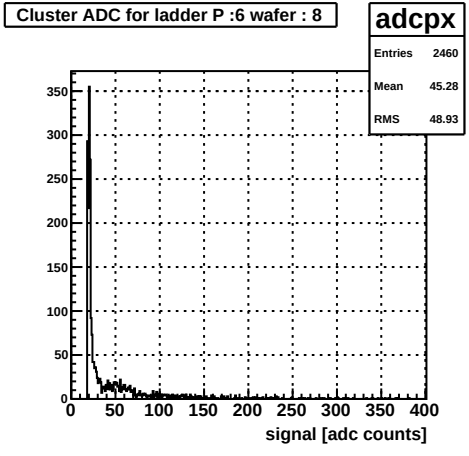

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 49501
Mean 23.39
RMS 12.35
signal [adc counts]

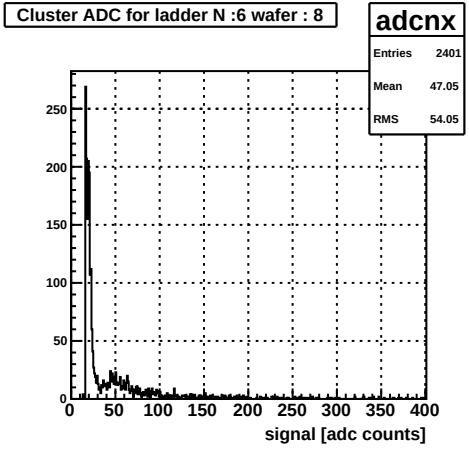

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6369
Mean 23.62
RMS 28.1
signal [adc counts]

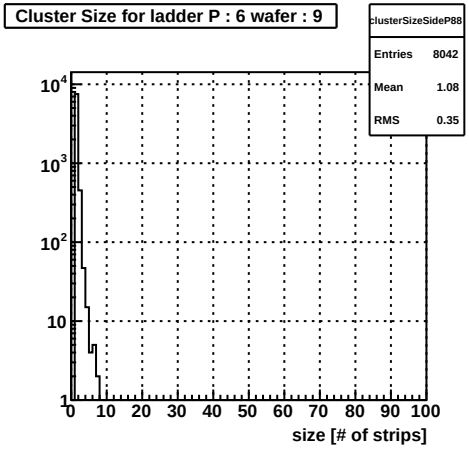

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2460
Mean 1.15
RMS 0.473
size [# of strips]

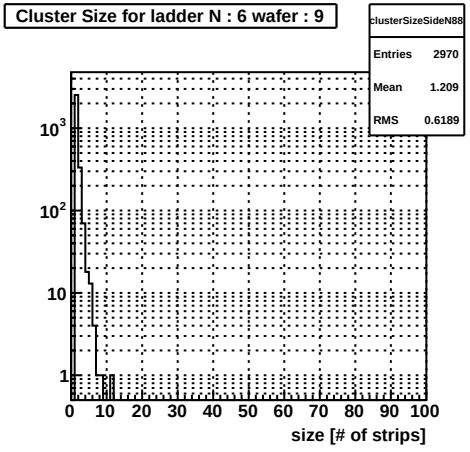

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2401
Mean 1.274
RMS 0.6766
size [# of strips]

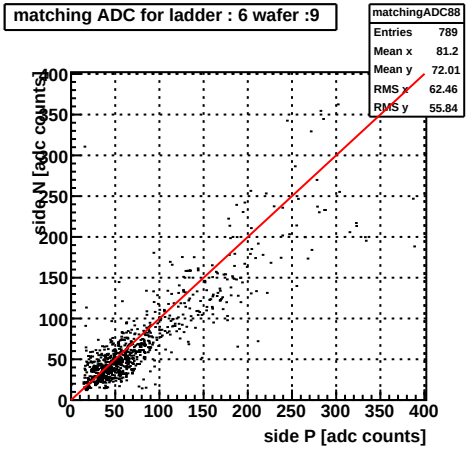

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 848
Mean x 79.39
Mean y 79.35
RMS x 62.88
RMS y 61.88
side N [adc counts]
side P [adc counts]

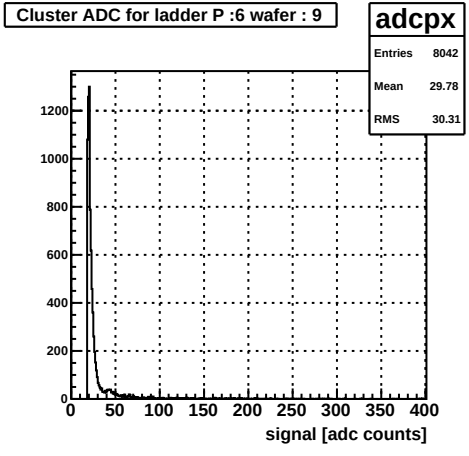

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2460
Mean 45.28
RMS 48.93
signal [adc counts]

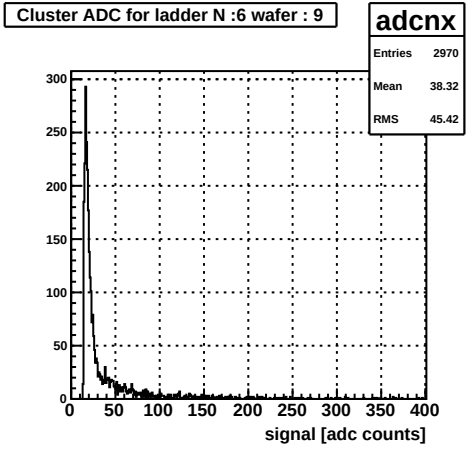

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2401
Mean 47.05
RMS 54.05
signal [adc counts]

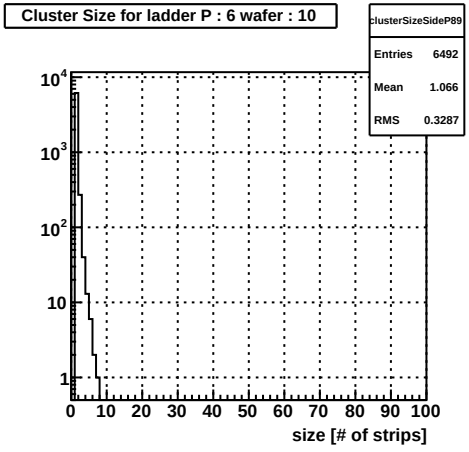

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 8042
Mean 1.08
RMS 0.35
size [# of strips]

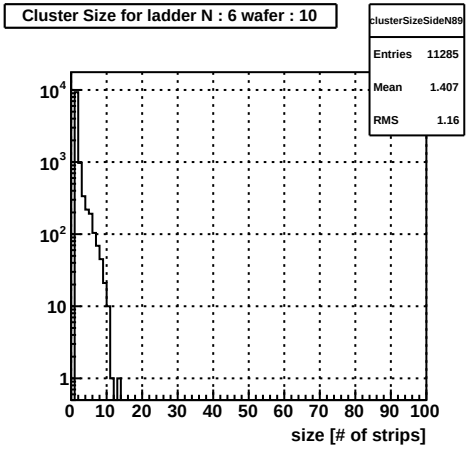

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2970
Mean 1.209
RMS 0.6189
size [# of strips]

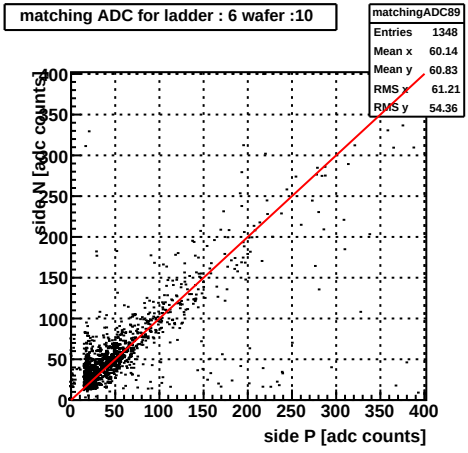

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 789
Mean x 81.2
Mean y 72.01
RMS x 62.46
RMS y 55.84
side N [adc counts]
side P [adc counts]

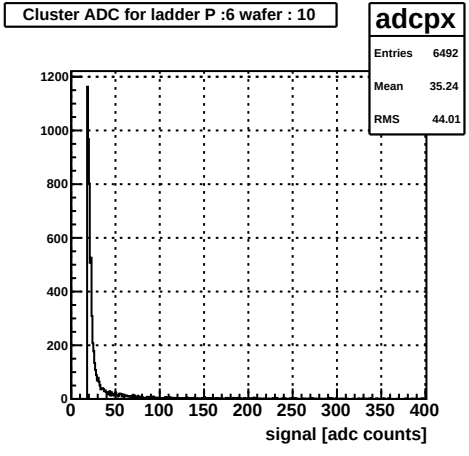

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 8042
Mean 29.78
RMS 30.31
signal [adc counts]

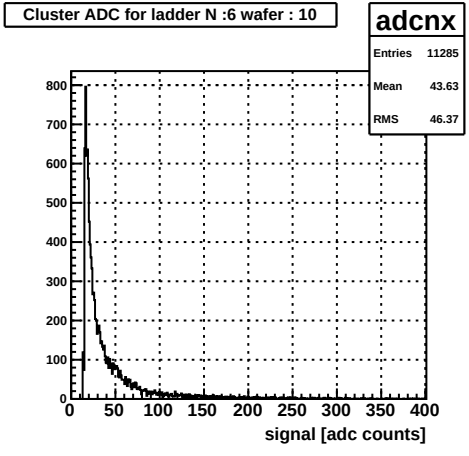

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2970
Mean 38.32
RMS 45.42
signal [adc counts]

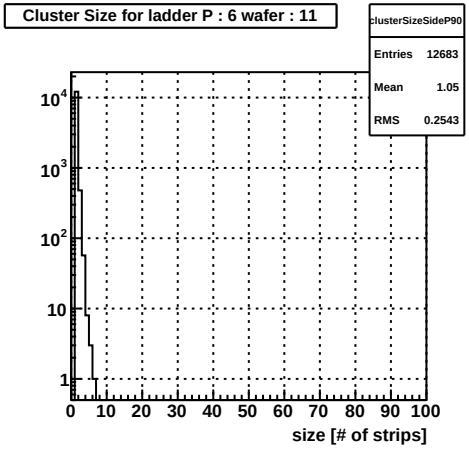

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 6492
Mean 1.066
RMS 0.3287
size [# of strips]

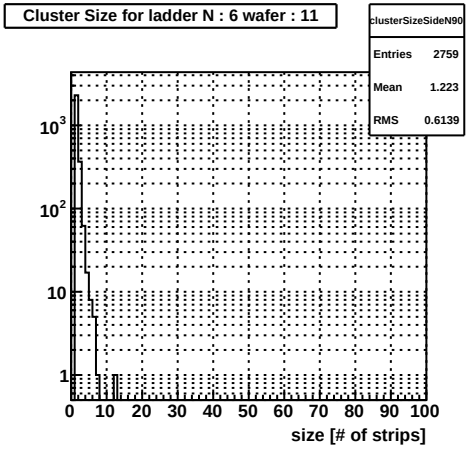

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 11285
Mean 1.407
RMS 1.16
size [# of strips]

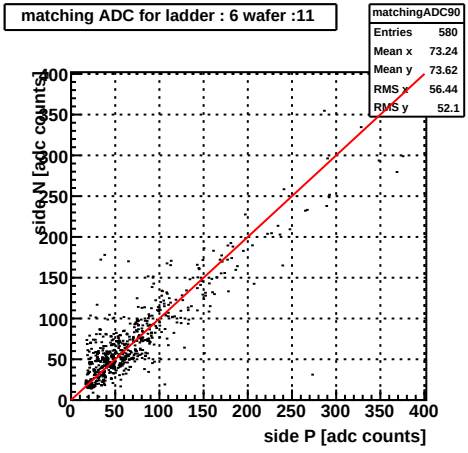

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1348
Mean x 60.14
Mean y 60.83
RMS x 61.21
RMS y 54.36
side N [adc counts]
side P [adc counts]

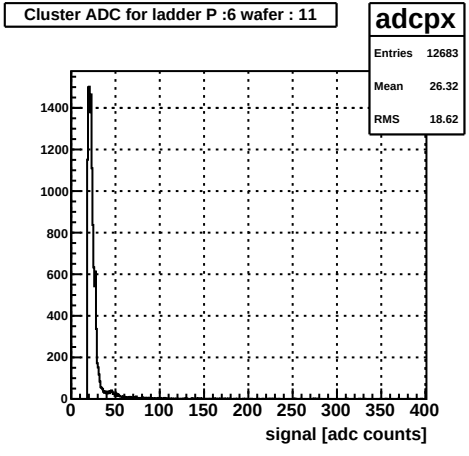

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 6492
Mean 35.24
RMS 44.01
signal [adc counts]

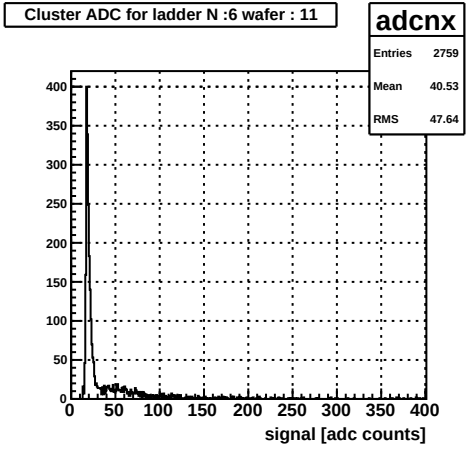

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 11285
Mean 43.63
RMS 46.37
signal [adc counts]

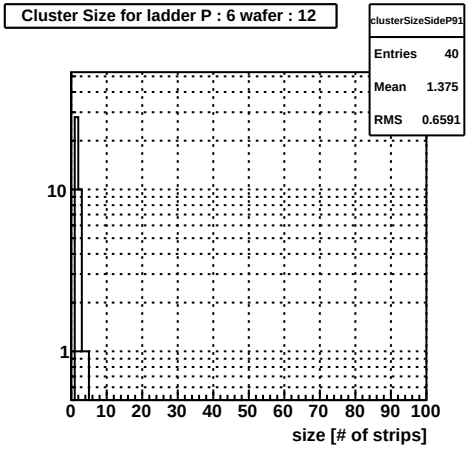

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 12683
Mean 1.05
RMS 0.2543
size [# of strips]

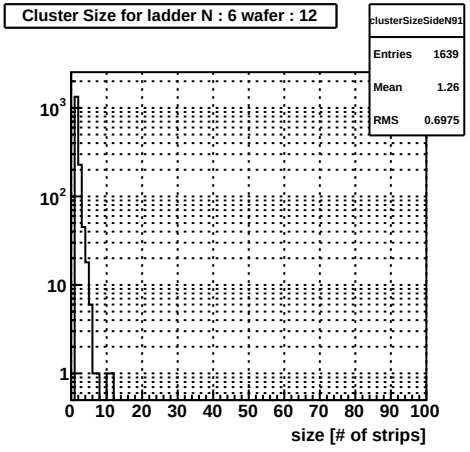

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2759
Mean 1.223
RMS 0.6139
size [# of strips]

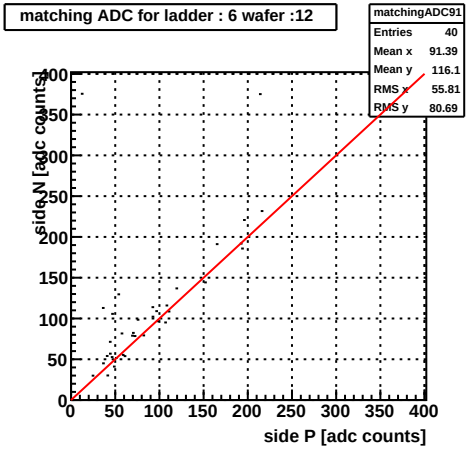

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 580
Mean x 73.24
Mean y 73.62
RMS x 56.44
RMS y 52.1
side N [adc counts]
side P [adc counts]

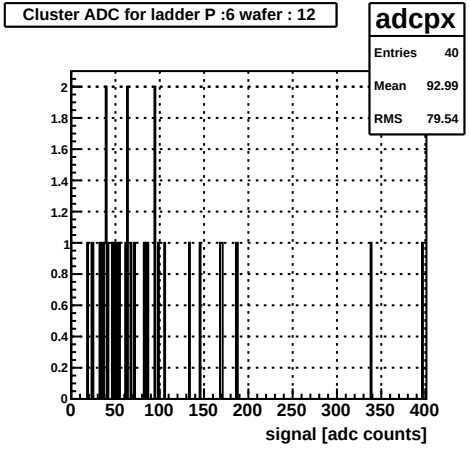

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 12683
Mean 26.32
RMS 18.62
signal [adc counts]

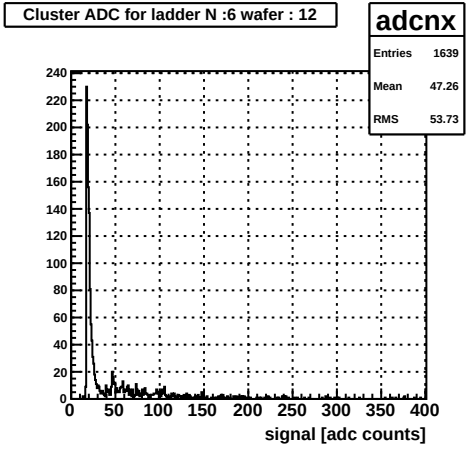

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2759
Mean 40.53
RMS 47.64
signal [adc counts]

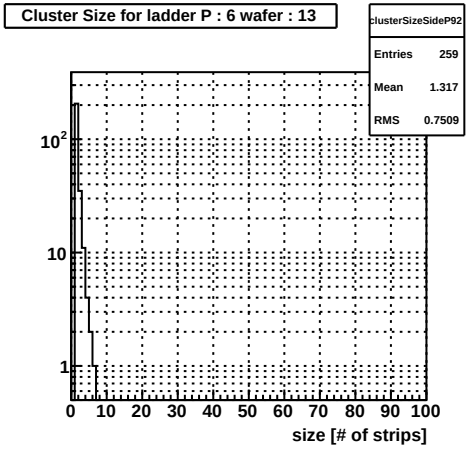

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 40
Mean 1.375
RMS 0.6591
size [# of strips]

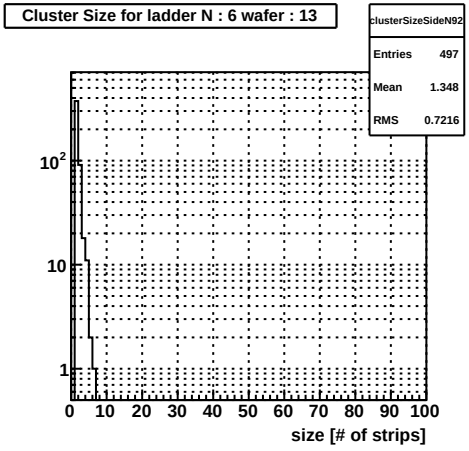

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1639
Mean 1.26
RMS 0.6975
size [# of strips]

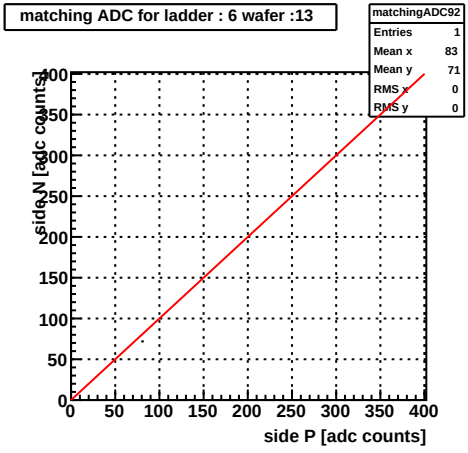

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 40
Mean x 91.39
Mean y 116.1
RMS x 55.81
RMS y 80.69
side N [adc counts]
side P [adc counts]

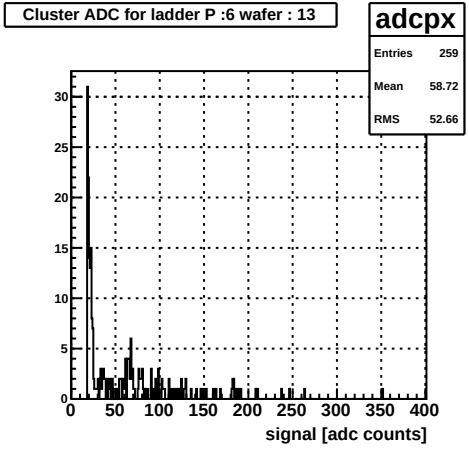

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 40
Mean 92.99
RMS 79.54
signal [adc counts]

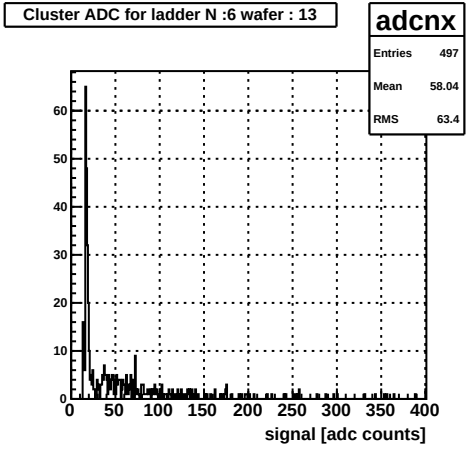

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1639
Mean 47.26
RMS 53.73
signal [adc counts]

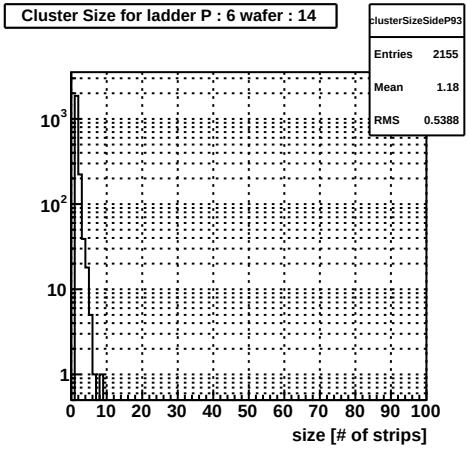

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 259
Mean 1.317
RMS 0.7509
size [# of strips]

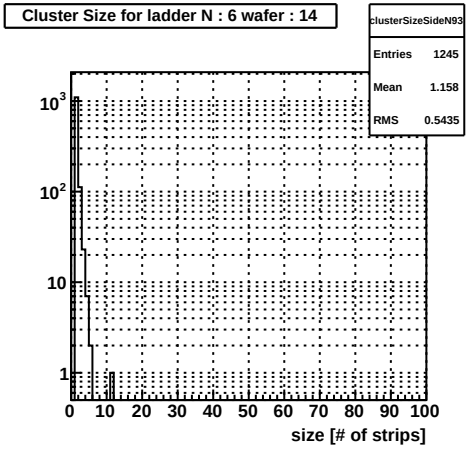

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 497
Mean 1.348
RMS 0.7216
size [# of strips]

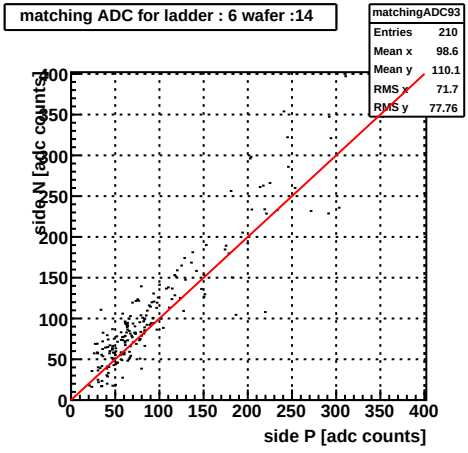

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 83
Mean y 71
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

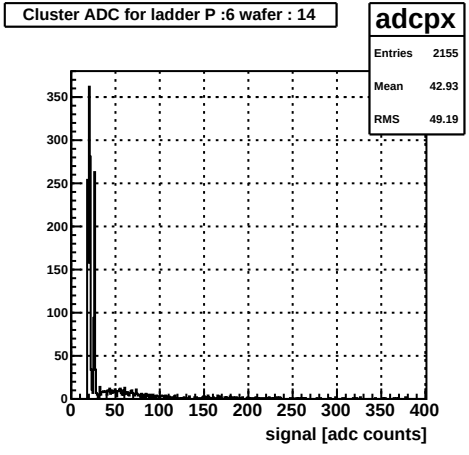

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 259
Mean 58.72
RMS 52.66
signal [adc counts]

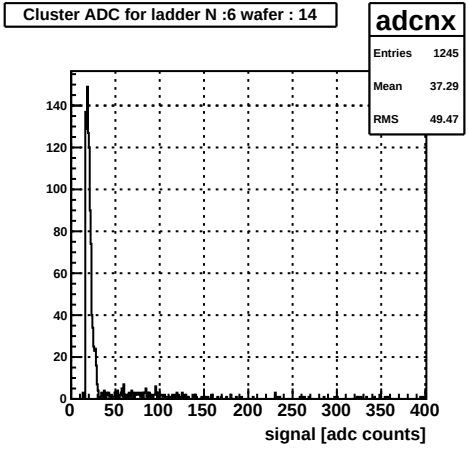

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 497
Mean 58.04
RMS 63.4
signal [adc counts]

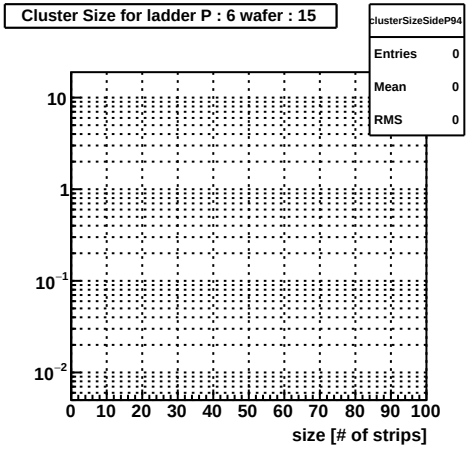

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2155
Mean 1.18
RMS 0.5388
size [# of strips]

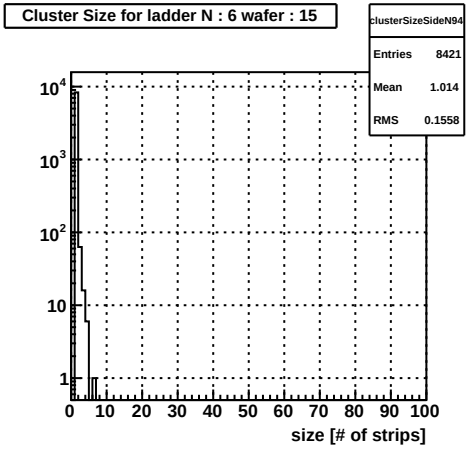

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1245
Mean 1.158
RMS 0.5435
size [# of strips]

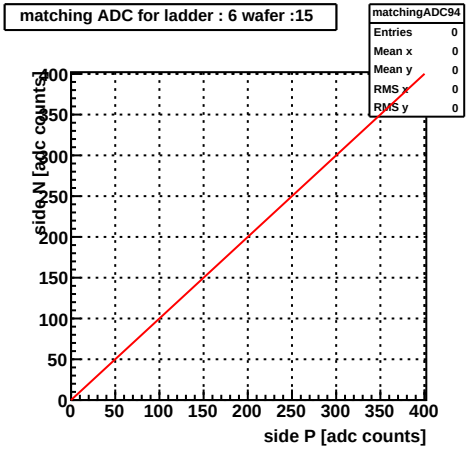

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 210
Mean x 98.6
Mean y 110.1
RMS x 71.7
RMS y 77.76
side N [adc counts]
side P [adc counts]

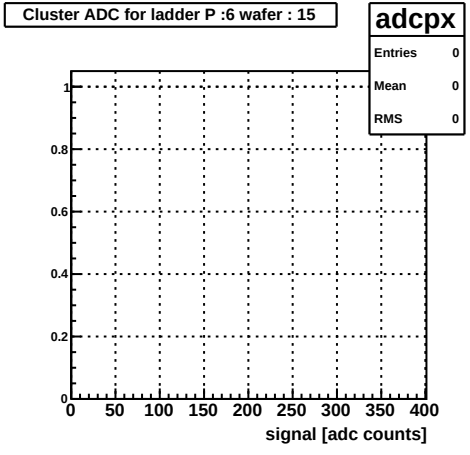

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2155
Mean 42.93
RMS 49.19
signal [adc counts]

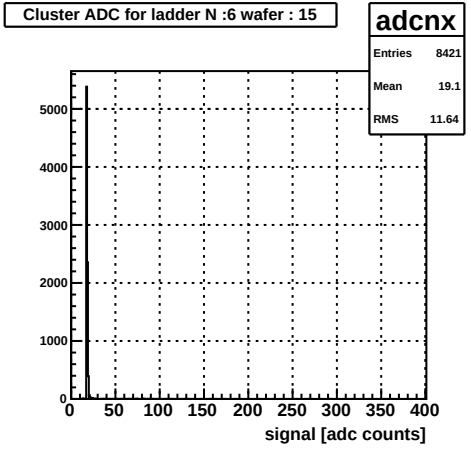

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1245
Mean 37.29
RMS 49.47
signal [adc counts]

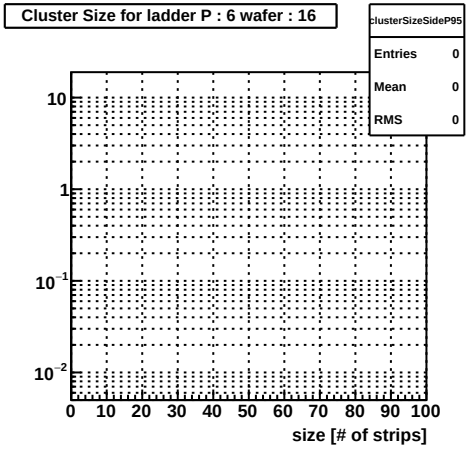

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

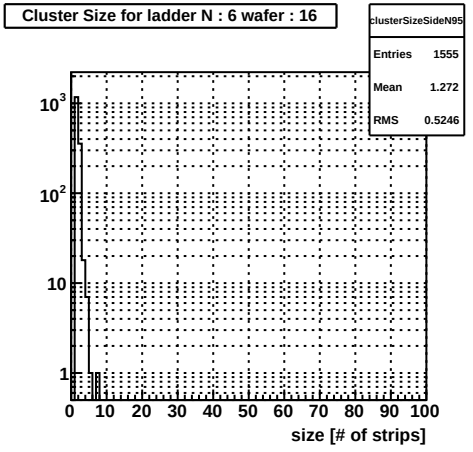

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 8421
Mean 1.014
RMS 0.1558
size [# of strips]

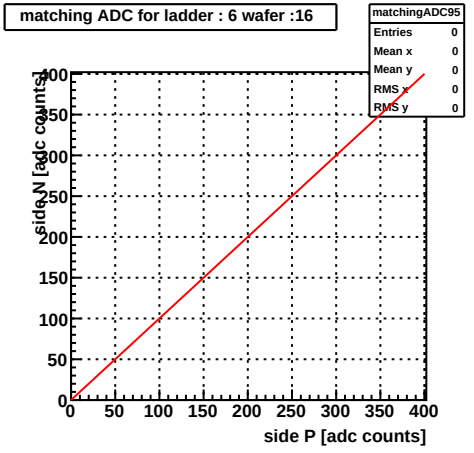

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

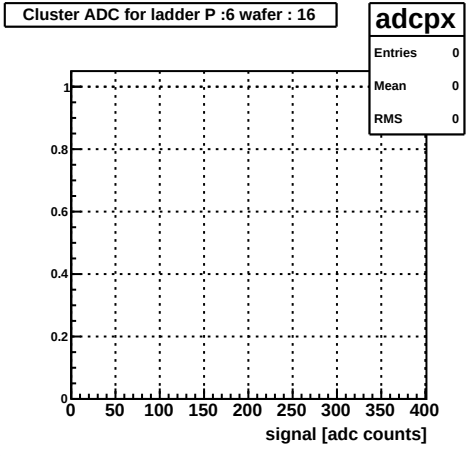

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

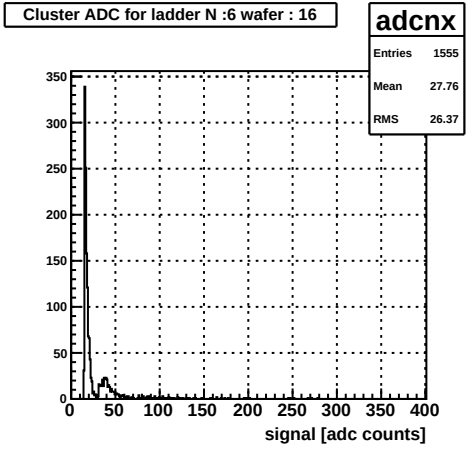

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 8421
Mean 19.1
RMS 11.64
signal [adc counts]

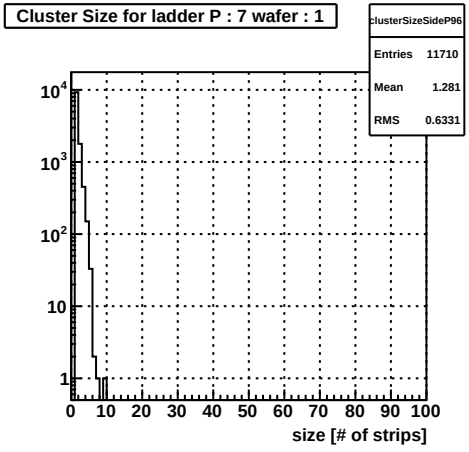

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

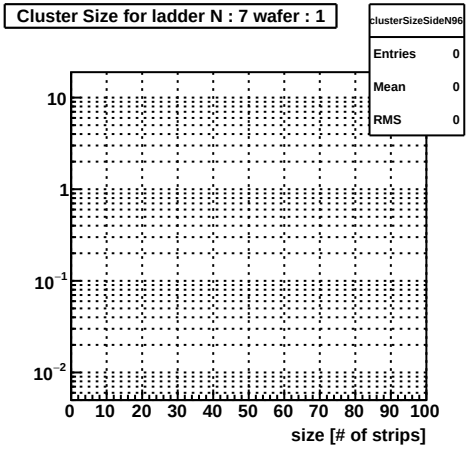

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1555
Mean 1.272
RMS 0.5246
size [# of strips]

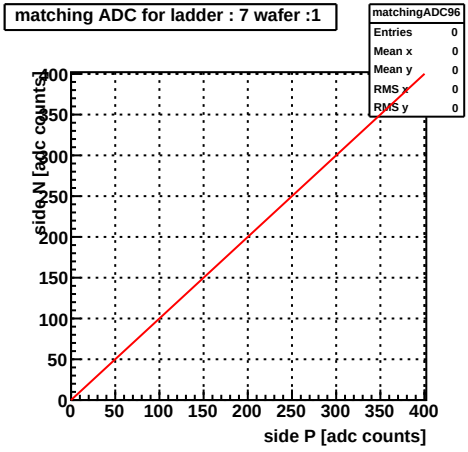

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

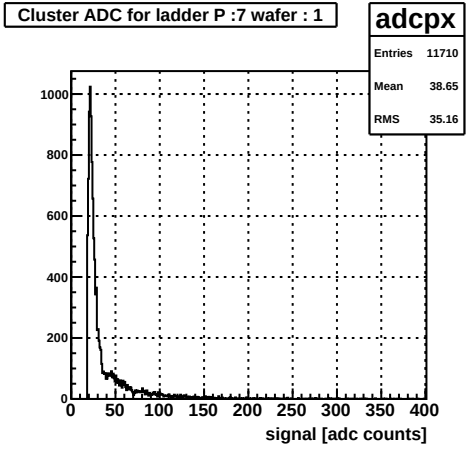

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

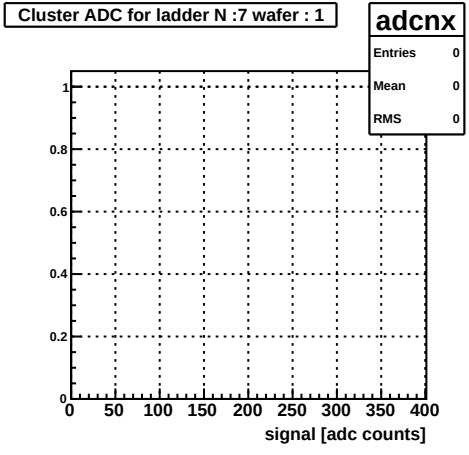

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1555
Mean 27.76
RMS 26.37
signal [adc counts]

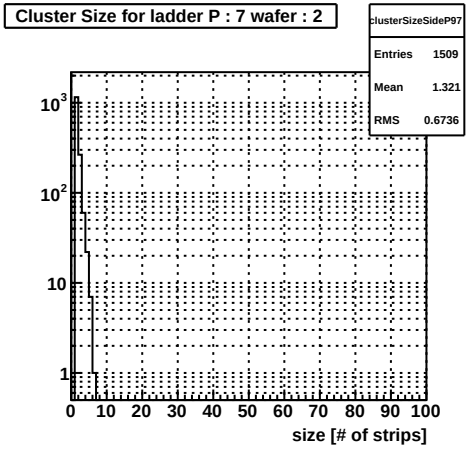

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 11710
Mean 1.281
RMS 0.6331
size [# of strips]

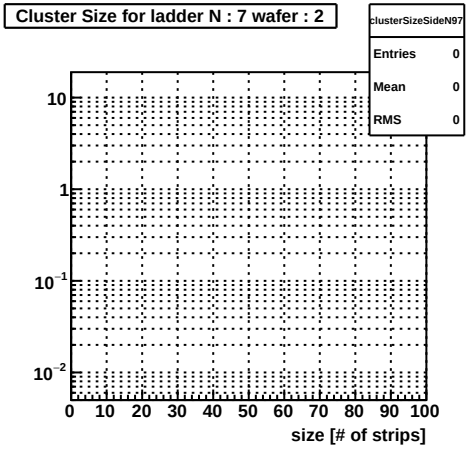

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

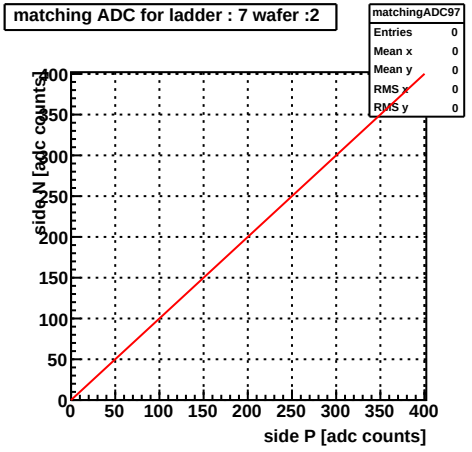

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

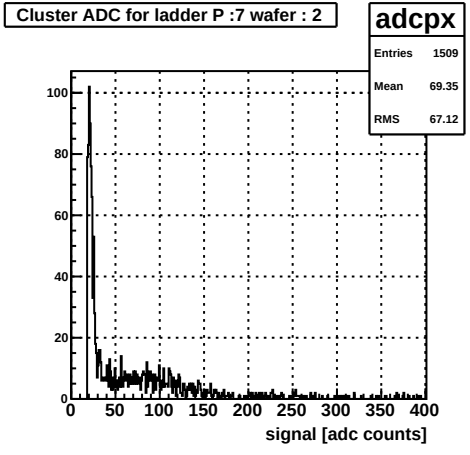

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 11710
Mean 38.65
RMS 35.16
signal [adc counts]

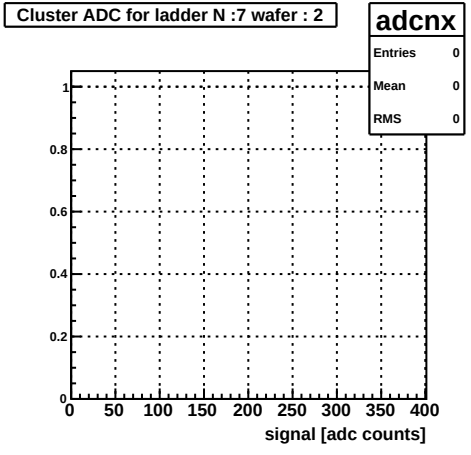

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

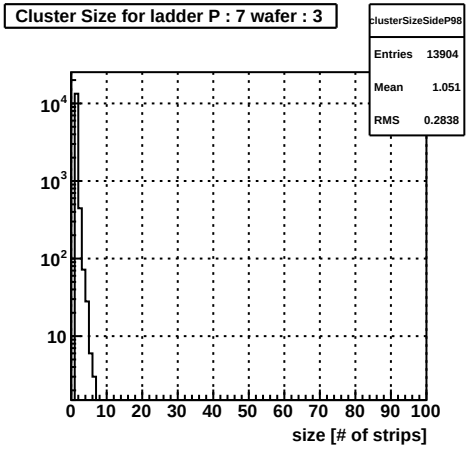

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1509
Mean 1.321
RMS 0.6736
size [# of strips]

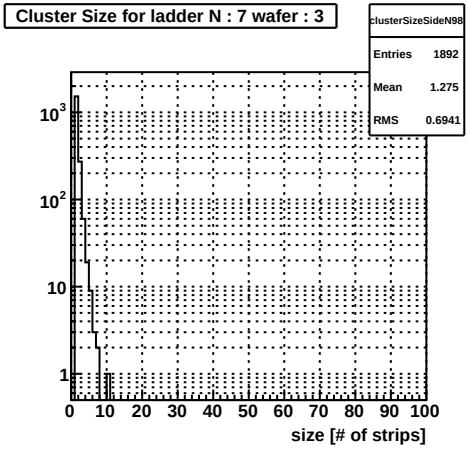

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

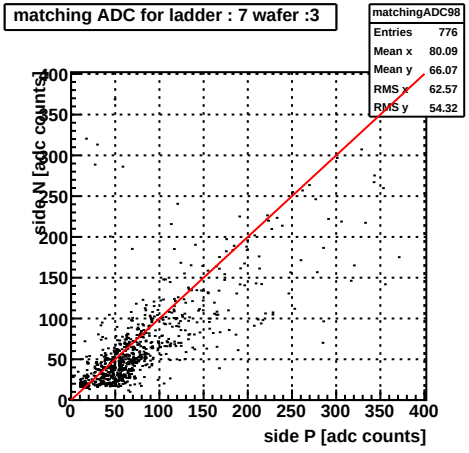

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

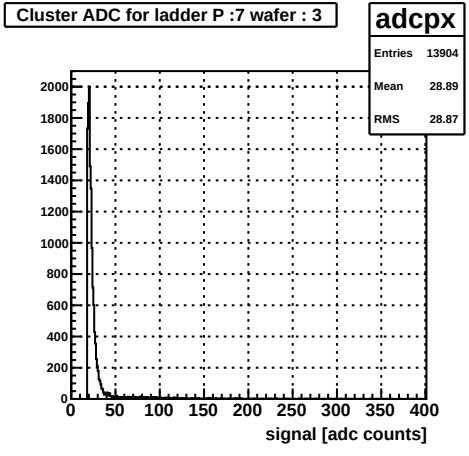

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1509
Mean 69.35
RMS 67.12
signal [adc counts]

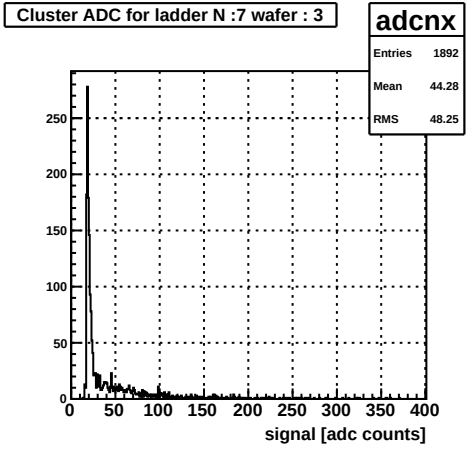

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

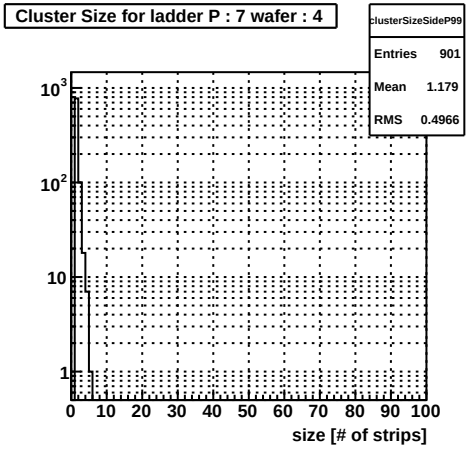

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 13904
Mean 1.051
RMS 0.2838
size [# of strips]

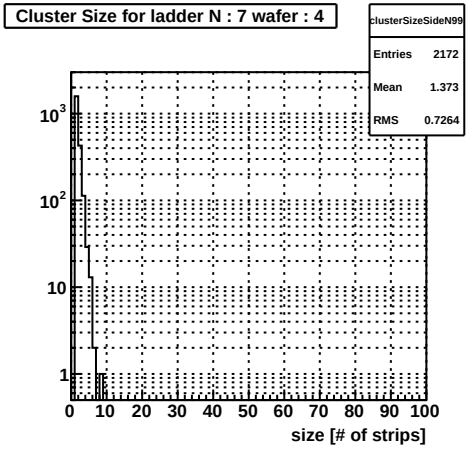

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1892
Mean 1.275
RMS 0.6941
size [# of strips]

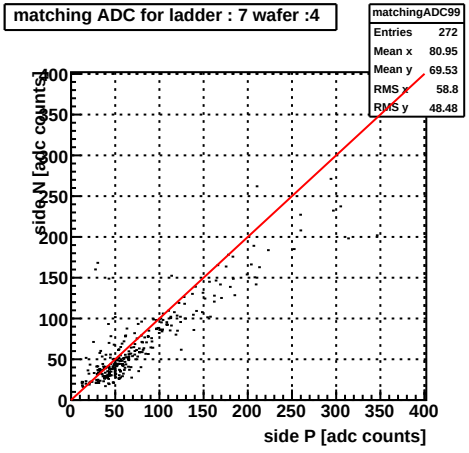

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 776
Mean x 80.09
Mean y 66.07
RMS x 62.57
RMS y 54.32
side N [adc counts]
side P [adc counts]

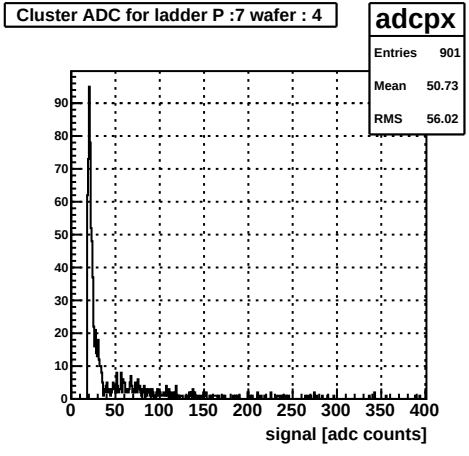

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 13904
Mean 28.89
RMS 28.87
signal [adc counts]

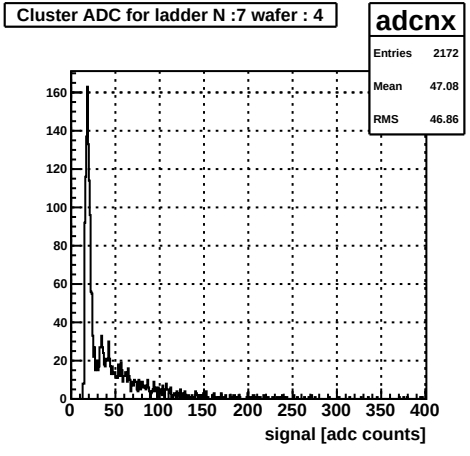

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1892
Mean 44.28
RMS 48.25
signal [adc counts]

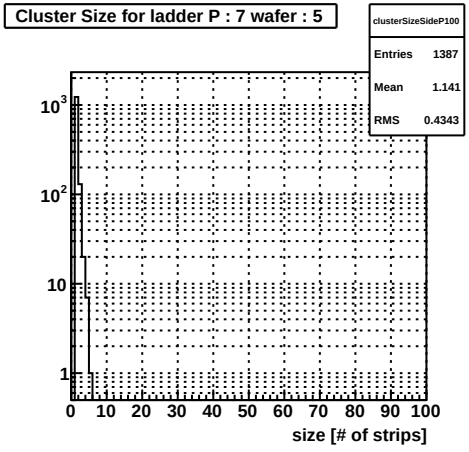

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 901
Mean 1.179
RMS 0.4966
size [# of strips]

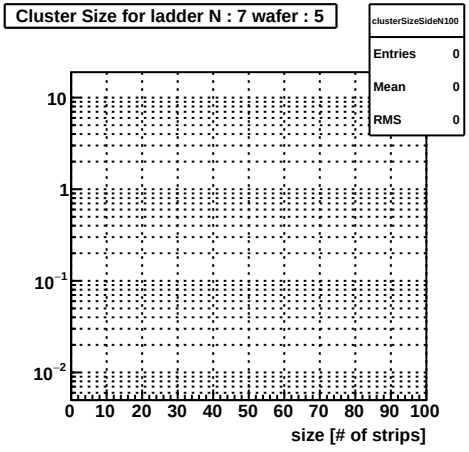

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2172
Mean 1.373
RMS 0.7264
size [# of strips]

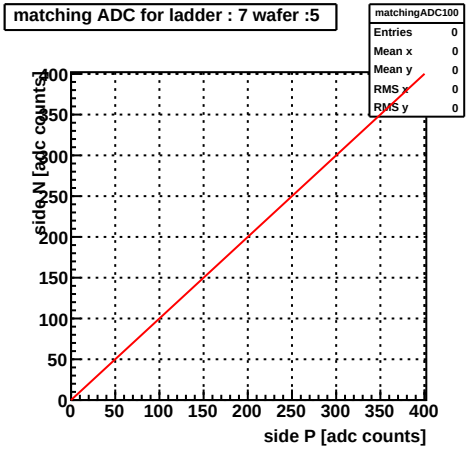

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 272
Mean x 80.95
Mean y 69.53
RMS x 58.8
RMS y 48.48
side N [adc counts]
side P [adc counts]

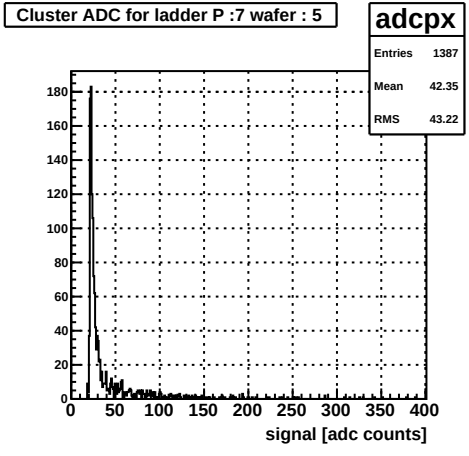

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 901
Mean 50.73
RMS 56.02
signal [adc counts]

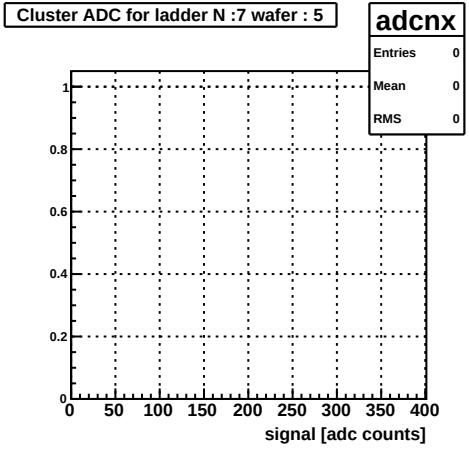

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2172
Mean 47.08
RMS 46.86
signal [adc counts]

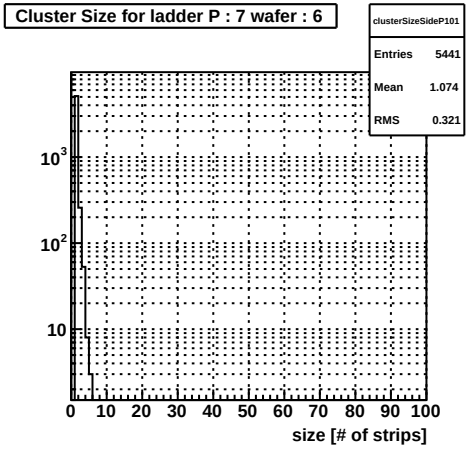

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1387
Mean 1.141
RMS 0.4343
size [# of strips]

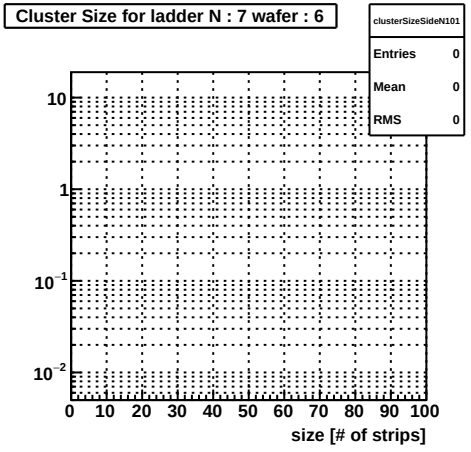

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

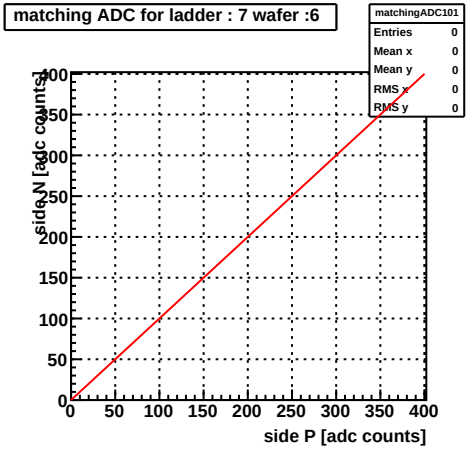

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

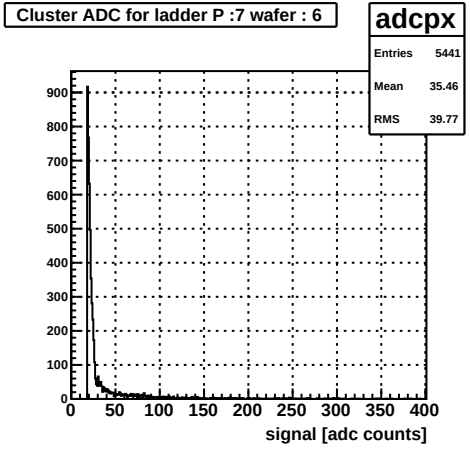

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1387
Mean 42.35
RMS 43.22
signal [adc counts]

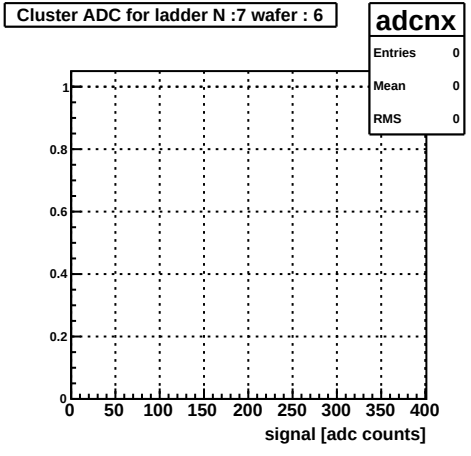

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

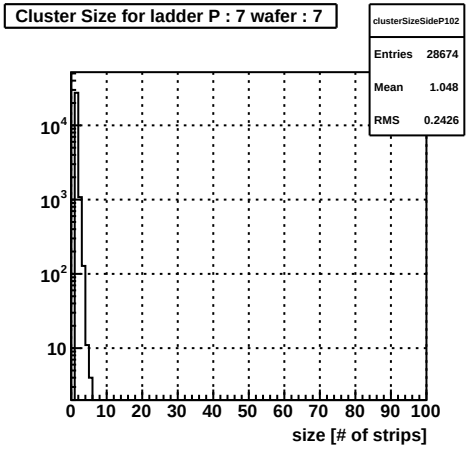

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5441
Mean 1.074
RMS 0.321
size [# of strips]

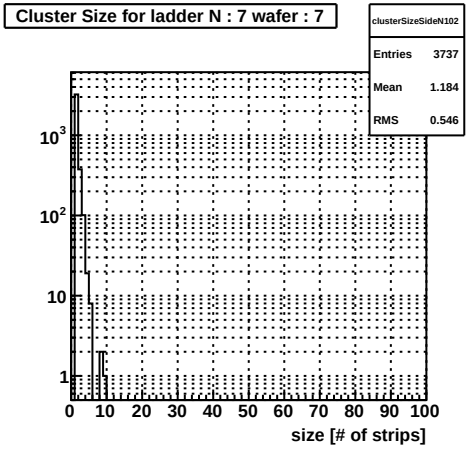

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

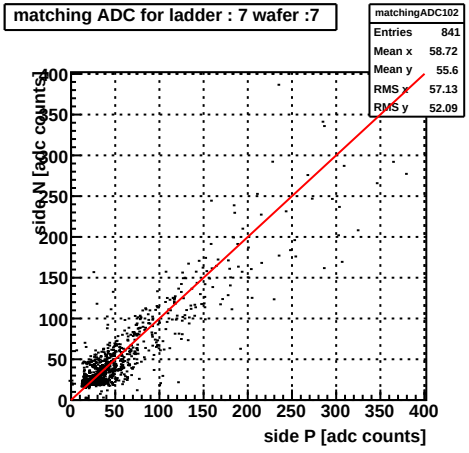

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

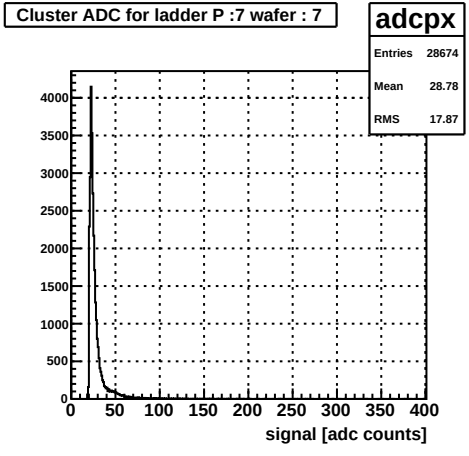

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5441
Mean 35.46
RMS 39.77
signal [adc counts]

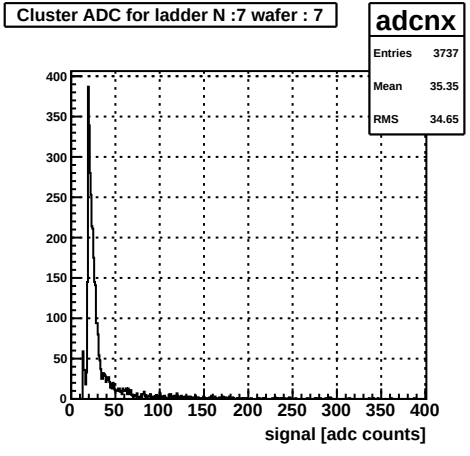

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

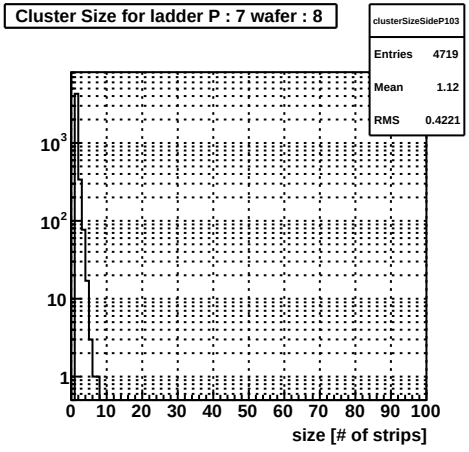

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 28674
Mean 1.048
RMS 0.2426
size [# of strips]

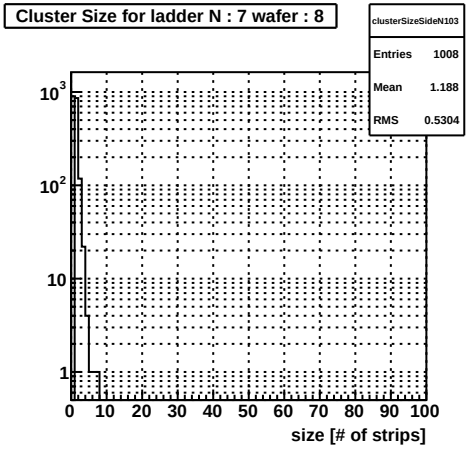

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3737
Mean 1.184
RMS 0.546
size [# of strips]

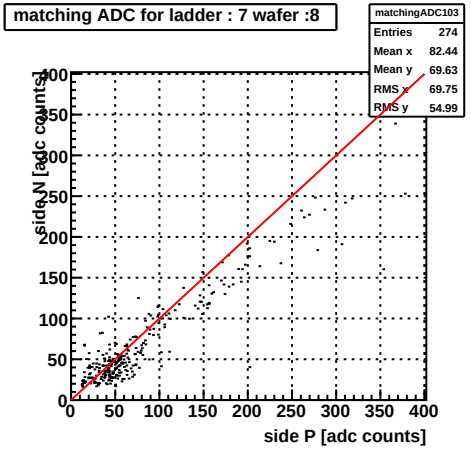

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 841
Mean x 58.72
Mean y 55.6
RMS x 57.13
RMS y 52.09
side N [adc counts]
side P [adc counts]

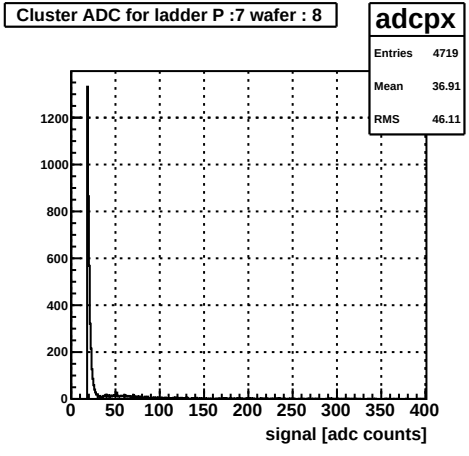

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 28674
Mean 28.78
RMS 17.87
signal [adc counts]

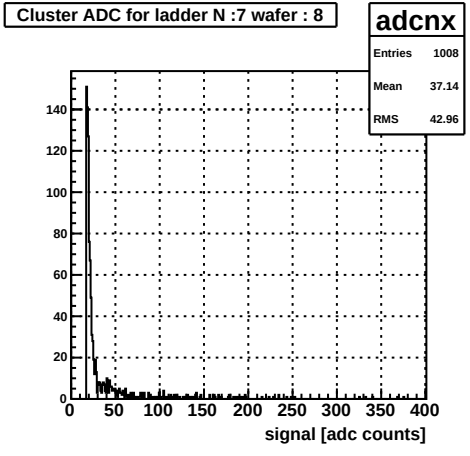

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3737
Mean 35.35
RMS 34.65
signal [adc counts]

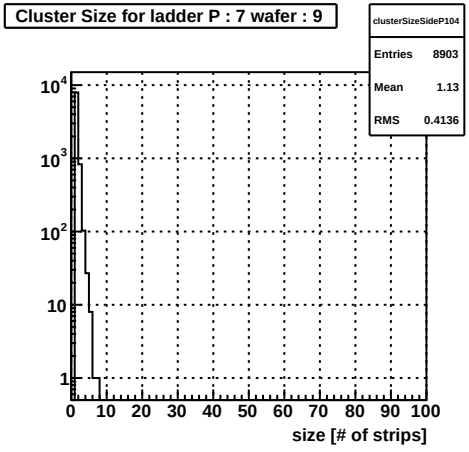

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4719
Mean 1.12
RMS 0.4221
size [# of strips]

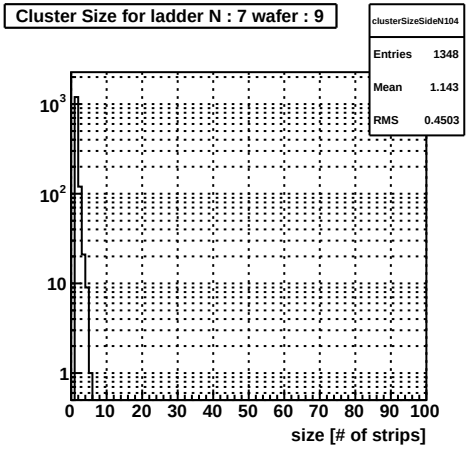

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1008
Mean 1.188
RMS 0.5304
size [# of strips]

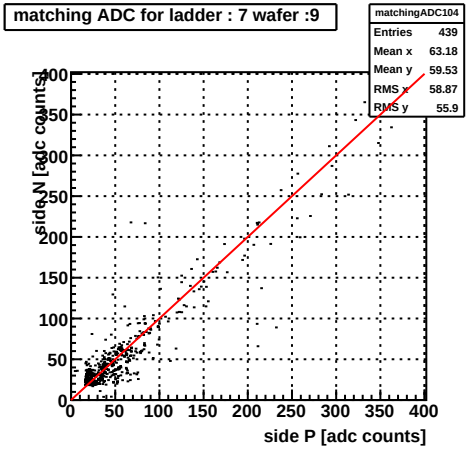

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 274
Mean x 82.44
Mean y 69.63
RMS x 69.75
RMS y 54.99
side N [adc counts]
side P [adc counts]

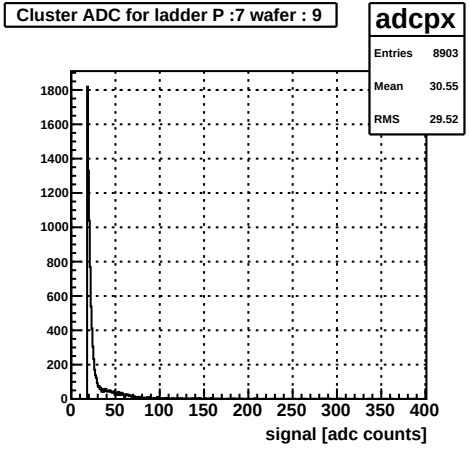

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4719
Mean 36.91
RMS 46.11
signal [adc counts]

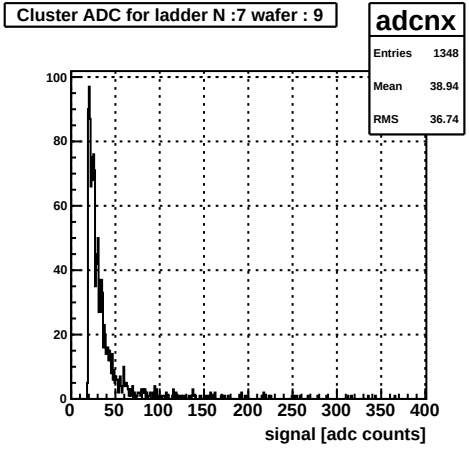

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1008
Mean 37.14
RMS 42.96
signal [adc counts]

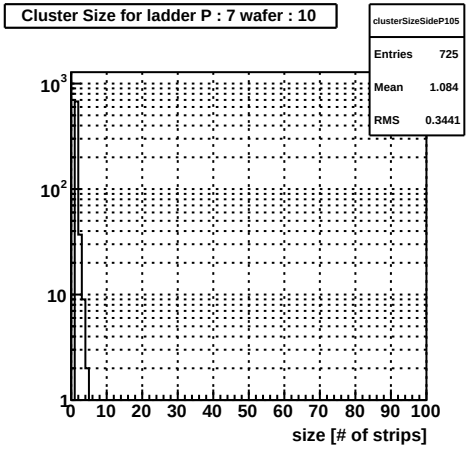

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 8903
Mean 1.13
RMS 0.4136
size [# of strips]

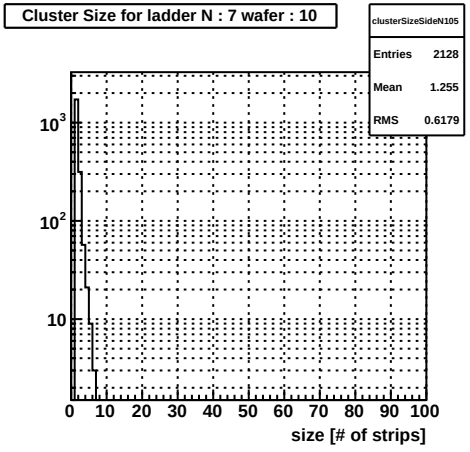

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1348
Mean 1.143
RMS 0.4503
size [# of strips]

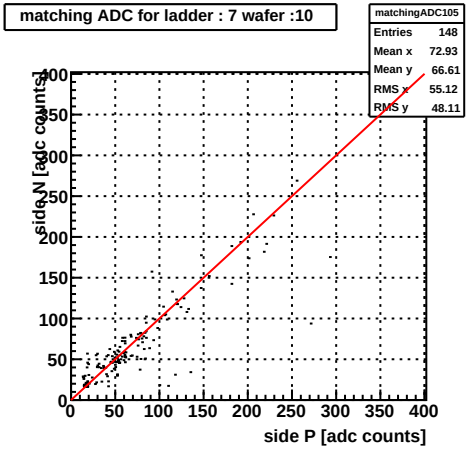

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 439
Mean x 63.18
Mean y 59.53
RMS x 58.87
RMS y 55.9
side N [adc counts]
side P [adc counts]

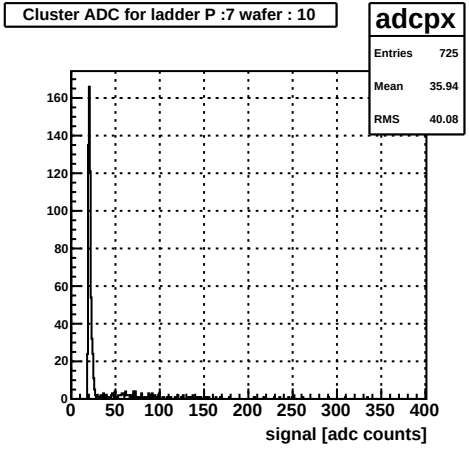

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 8903
Mean 30.55
RMS 29.52
signal [adc counts]

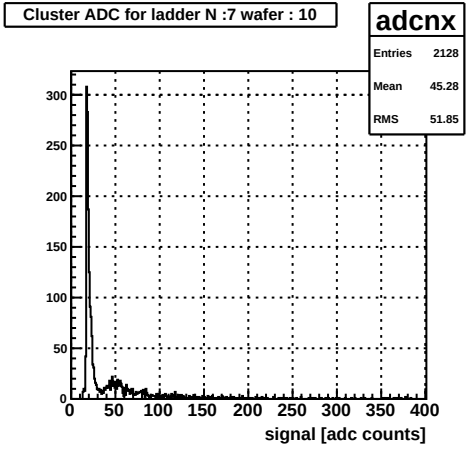

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1348
Mean 38.94
RMS 36.74
signal [adc counts]

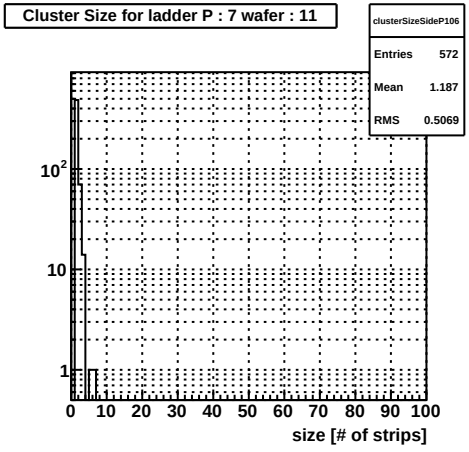

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 725
Mean 1.084
RMS 0.3441
size [# of strips]

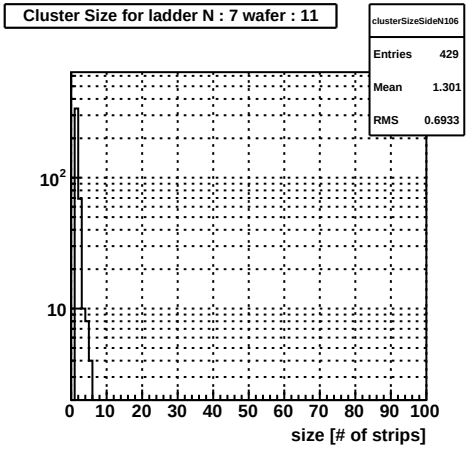

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2128
Mean 1.255
RMS 0.6179
size [# of strips]

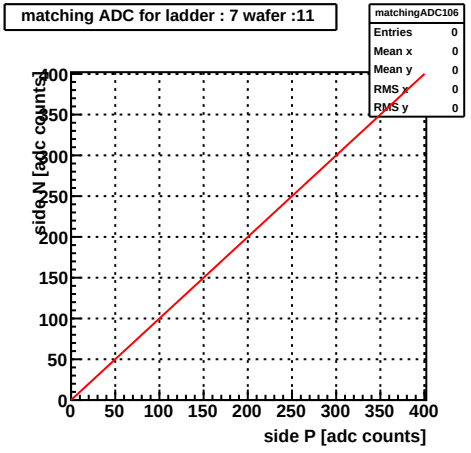

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 148
Mean x 72.93
Mean y 66.61
RMS x 55.12
RMS y 48.11
side N [adc counts]
side P [adc counts]

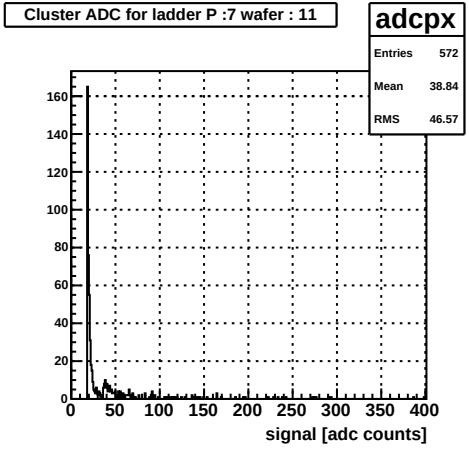

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 725
Mean 35.94
RMS 40.08
signal [adc counts]

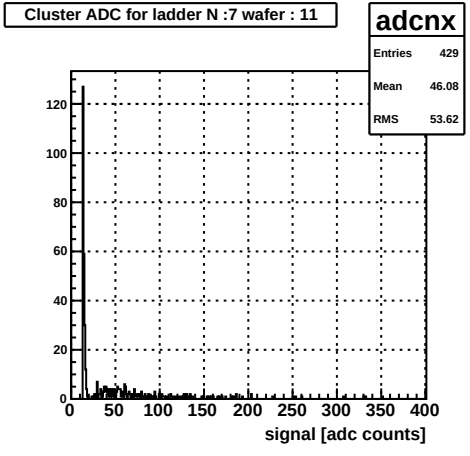

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2128
Mean 45.28
RMS 51.85
signal [adc counts]

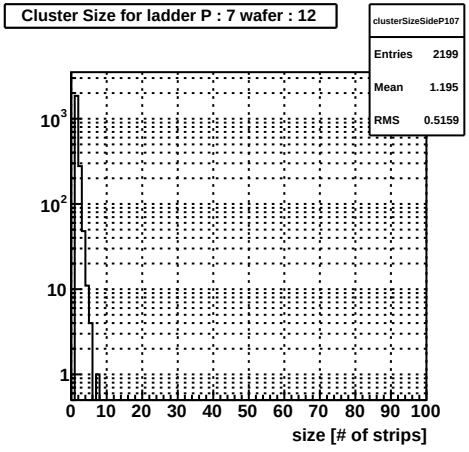

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 572
Mean 1.187
RMS 0.5069
size [# of strips]

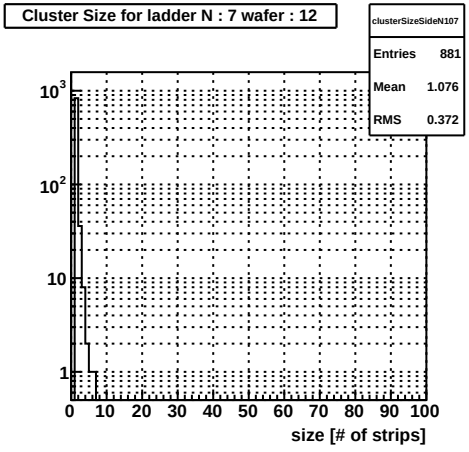

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 429
Mean 1.301
RMS 0.6933
size [# of strips]

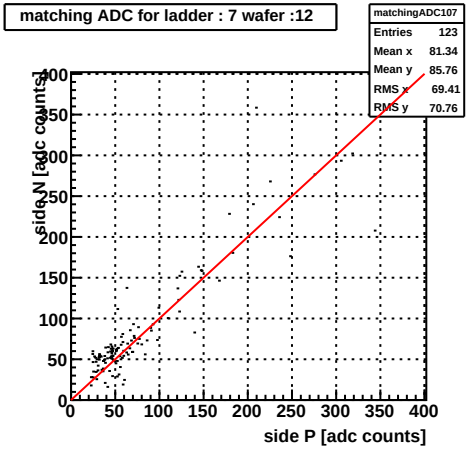

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

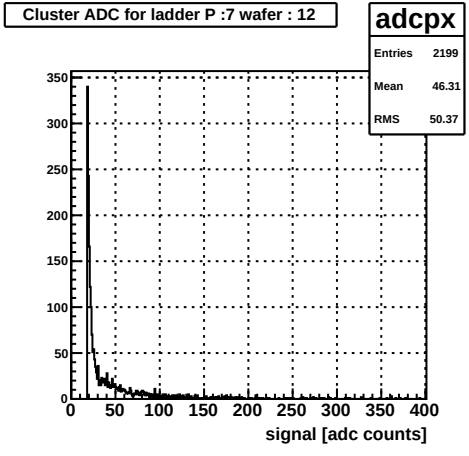

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 572
Mean 38.84
RMS 46.57
signal [adc counts]

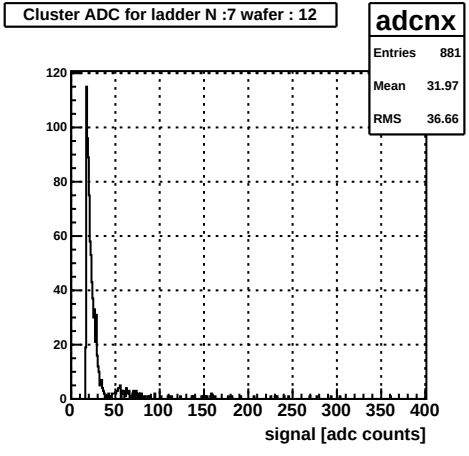

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 429
Mean 46.08
RMS 53.62
signal [adc counts]

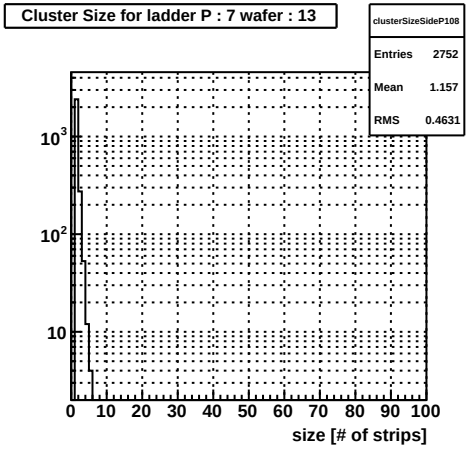

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2199
Mean 1.195
RMS 0.5159
size [# of strips]

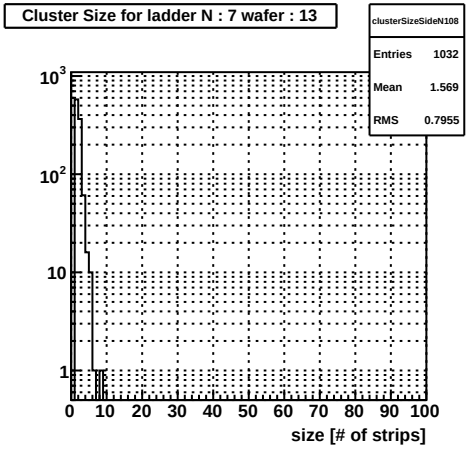

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 881
Mean 1.076
RMS 0.372
size [# of strips]

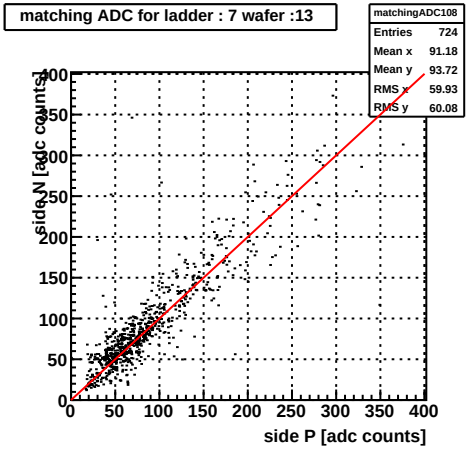

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 123
Mean x 81.34
Mean y 85.76
RMS x 69.41
RMS y 70.76
side N [adc counts]
side P [adc counts]

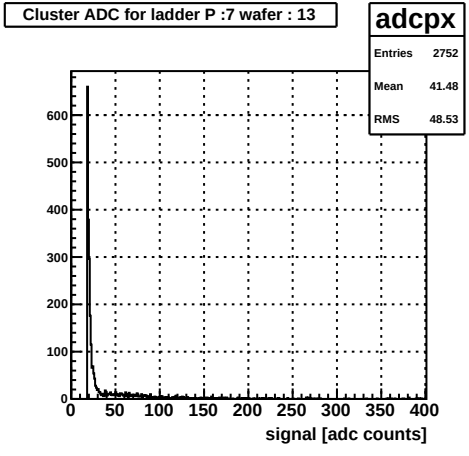

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2199
Mean 46.31
RMS 50.37
signal [adc counts]

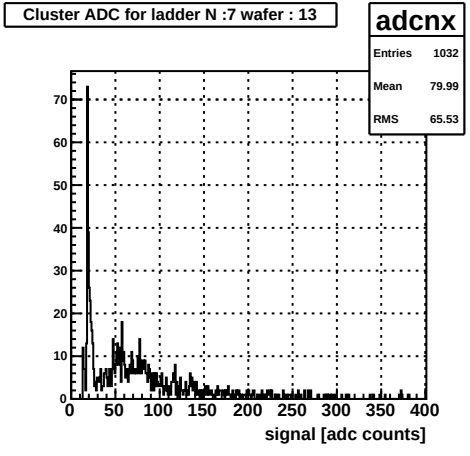

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 881
Mean 31.97
RMS 36.66
signal [adc counts]

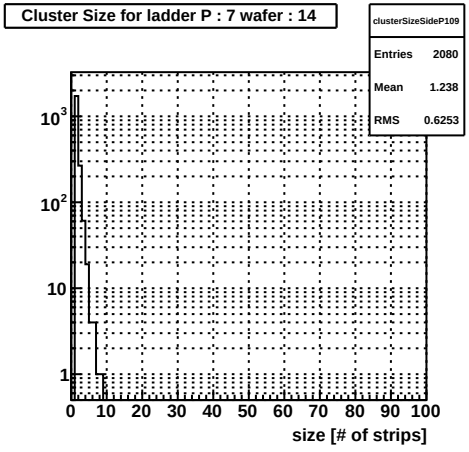

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2752
Mean 1.157
RMS 0.4631
size [# of strips]

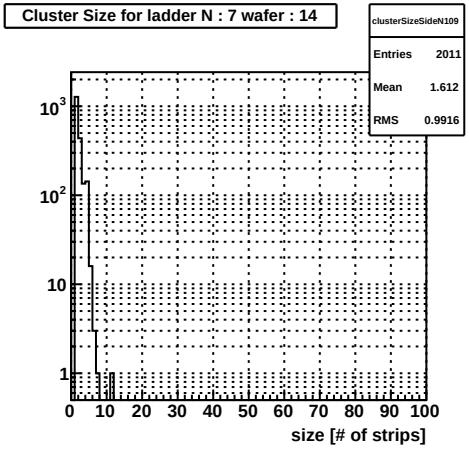

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1032
Mean 1.569
RMS 0.7955
size [# of strips]

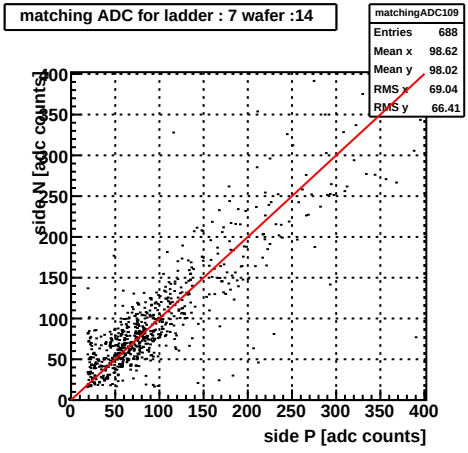

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 724
Mean x 91.18
Mean y 93.72
RMS x 59.93
RMS y 60.08
side N [adc counts]
side P [adc counts]

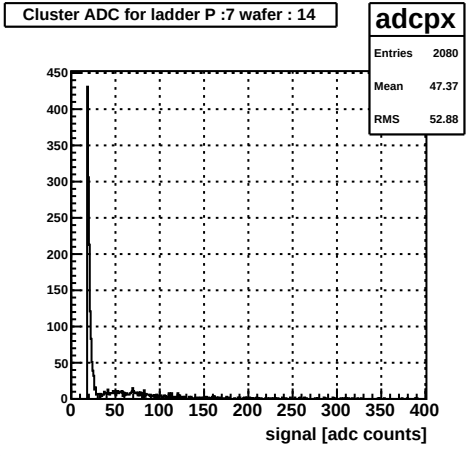

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2752
Mean 41.48
RMS 48.53
signal [adc counts]

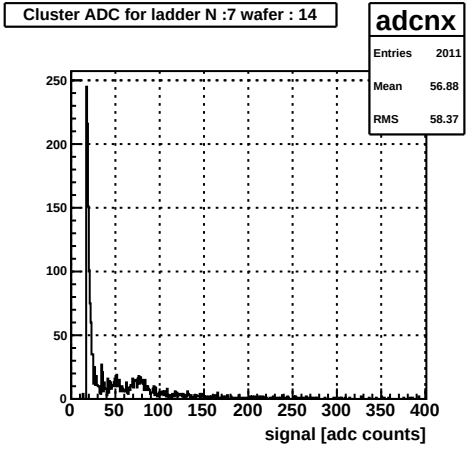

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1032
Mean 79.99
RMS 65.53
signal [adc counts]

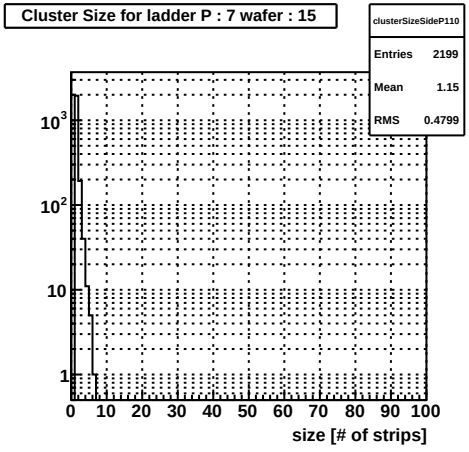

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2080
Mean 1.238
RMS 0.6253
size [# of strips]

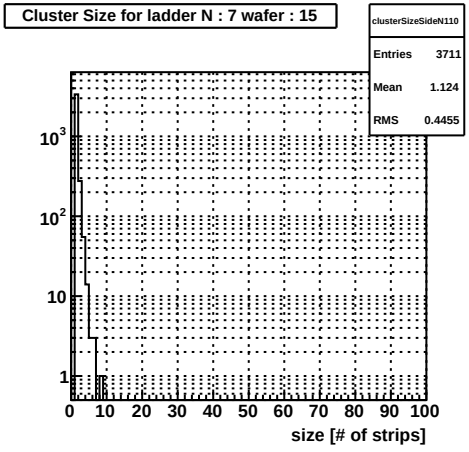

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2011
Mean 1.612
RMS 0.9916
size [# of strips]

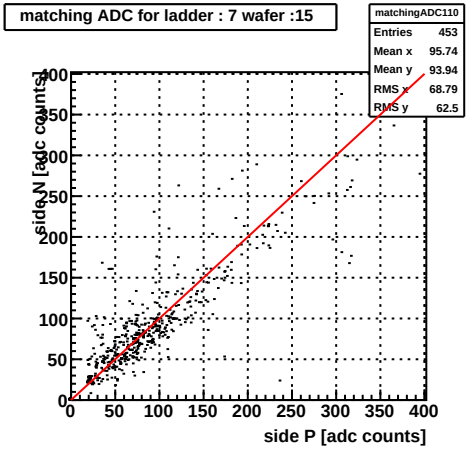

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 688
Mean x 98.62
Mean y 98.02
RMS x 69.04
RMS y 66.41
side N [adc counts]
side P [adc counts]

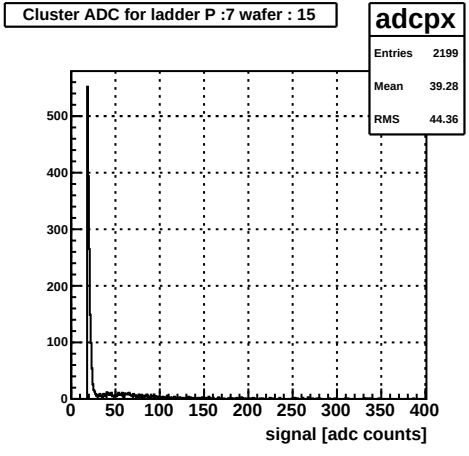

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2080
Mean 47.37
RMS 52.88
signal [adc counts]

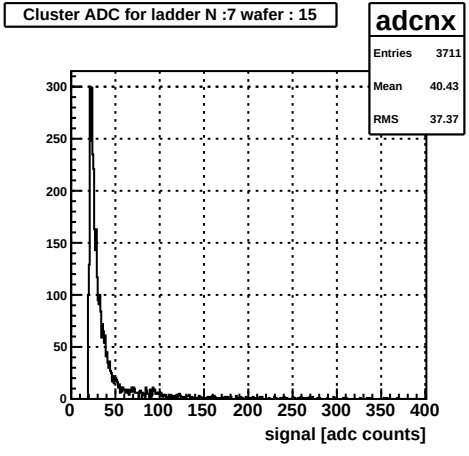

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2011
Mean 56.88
RMS 58.37
signal [adc counts]

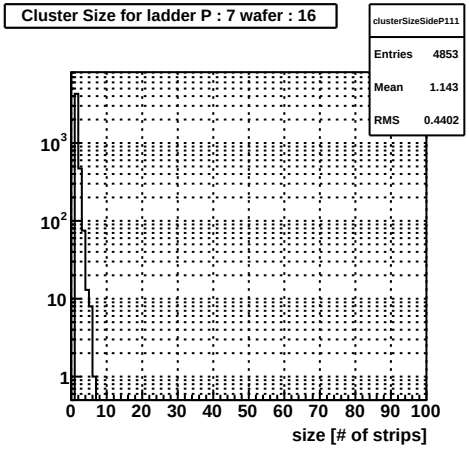

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2199
Mean 1.15
RMS 0.4799
size [# of strips]

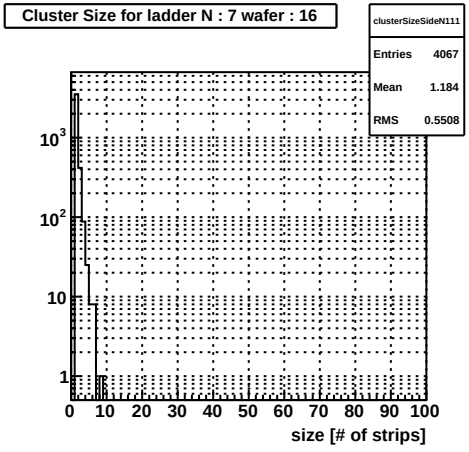

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3711
Mean 1.124
RMS 0.4455
size [# of strips]

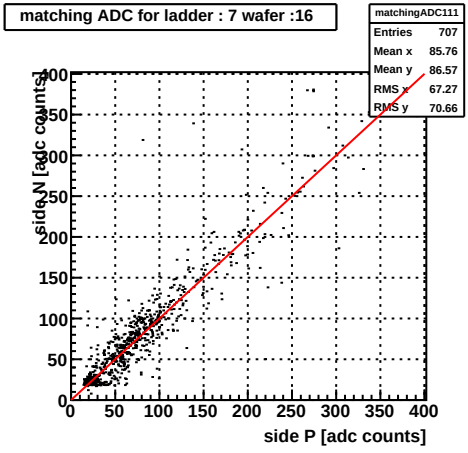

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 453
Mean x 95.74
Mean y 93.94
RMS x 68.79
RMS y 62.5
side N [adc counts]
side P [adc counts]

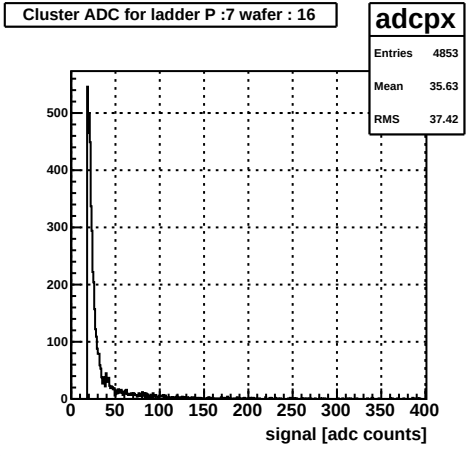

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2199
Mean 39.28
RMS 44.36
signal [adc counts]

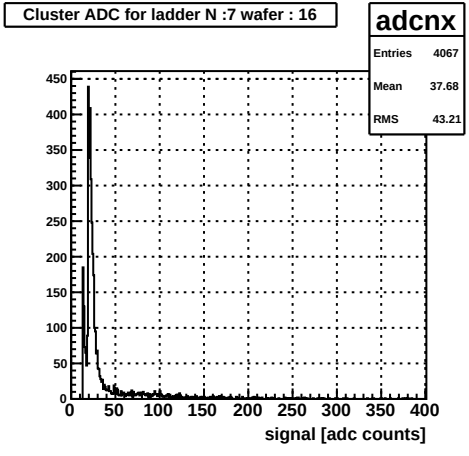

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3711
Mean 40.43
RMS 37.37
signal [adc counts]

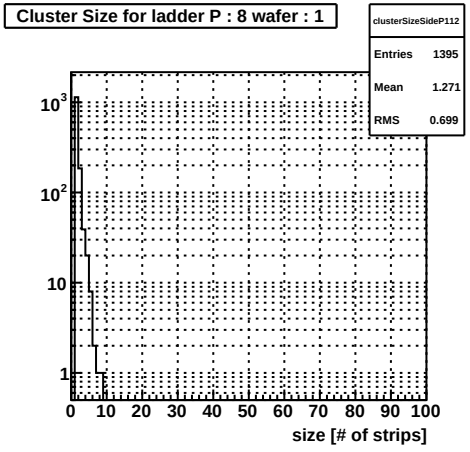

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4853
Mean 1.143
RMS 0.4402
size [# of strips]

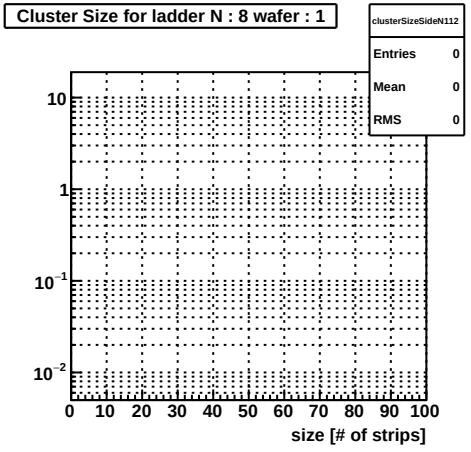

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 4067
Mean 1.184
RMS 0.5508
size [# of strips]

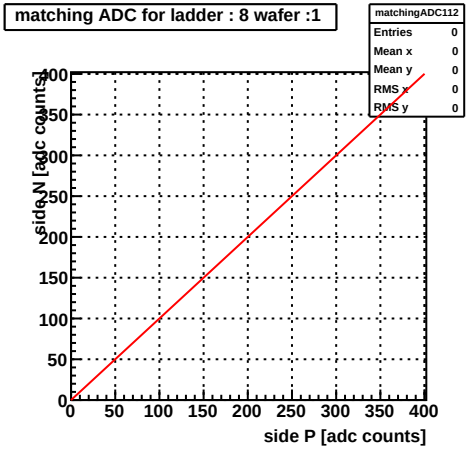

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 707
Mean x 85.76
Mean y 86.57
RMS x 67.27
RMS y 70.66
side N [adc counts]
side P [adc counts]

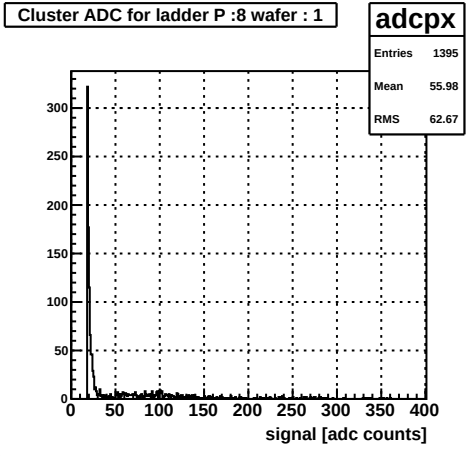

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4853
Mean 35.63
RMS 37.42
signal [adc counts]

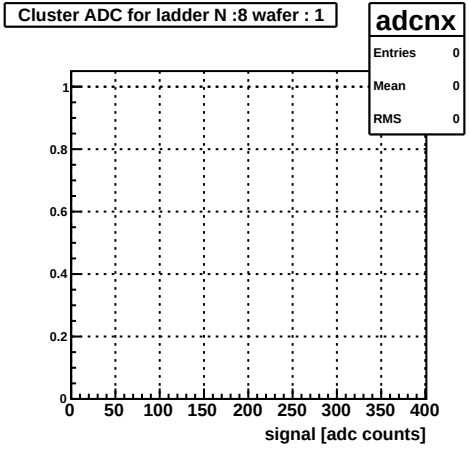

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 4067
Mean 37.68
RMS 43.21
signal [adc counts]

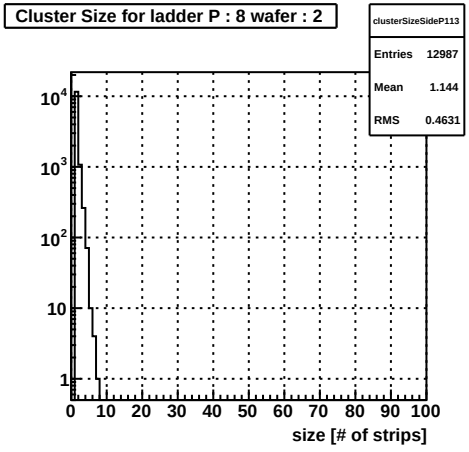

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1395
Mean 1.271
RMS 0.699
size [# of strips]

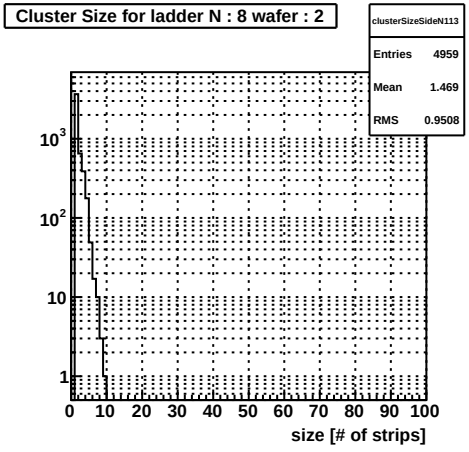

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

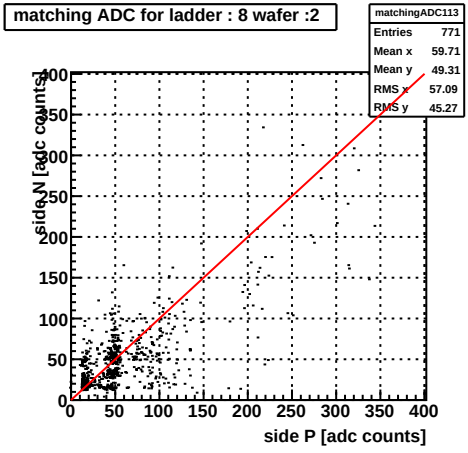

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

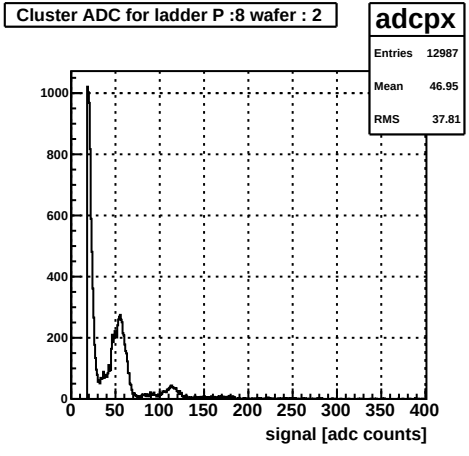

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1395
Mean 55.98
RMS 62.67
signal [adc counts]

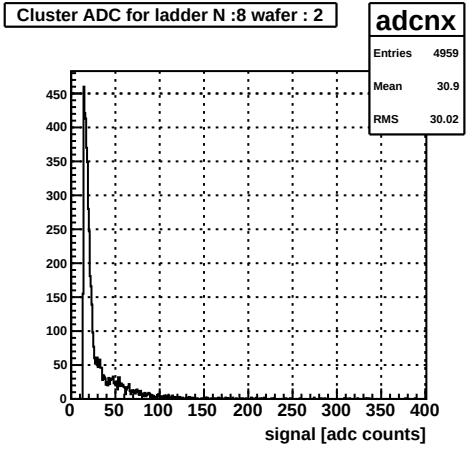

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

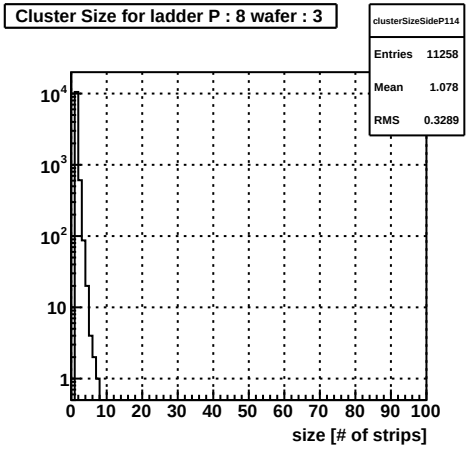

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 12987
Mean 1.144
RMS 0.4631
size [# of strips]

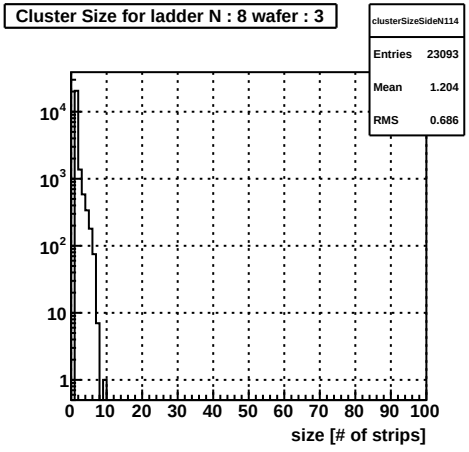

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 4959
Mean 1.469
RMS 0.9508
size [# of strips]

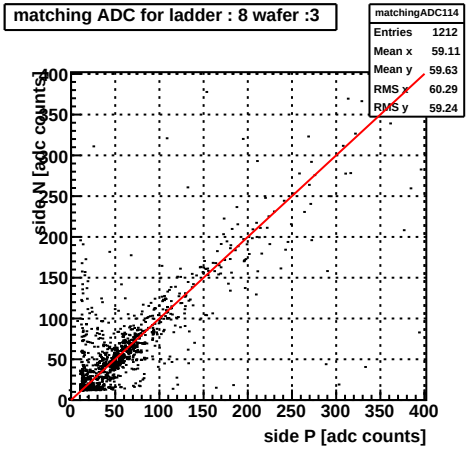

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 771
Mean x 59.71
Mean y 49.31
RMS x 57.09
RMS y 45.27
side N [adc counts]
side P [adc counts]

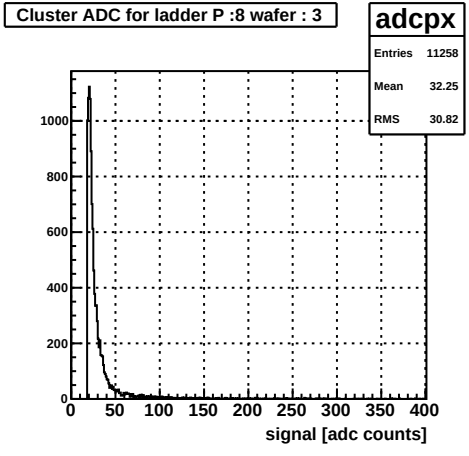

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 12987
Mean 46.95
RMS 37.81
signal [adc counts]

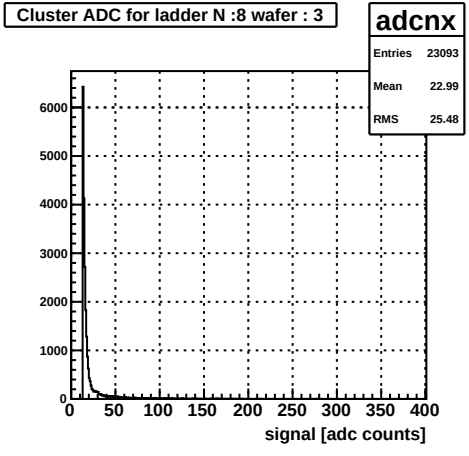

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 4959
Mean 30.9
RMS 30.02
signal [adc counts]

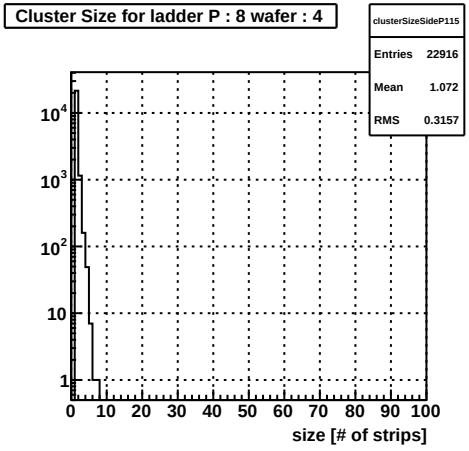

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 11258
Mean 1.078
RMS 0.3289
size [# of strips]

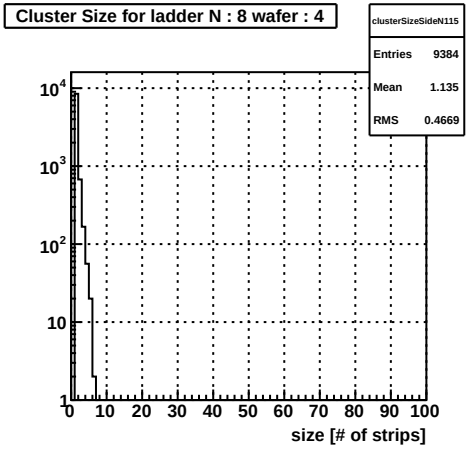

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 23093
Mean 1.204
RMS 0.686
size [# of strips]

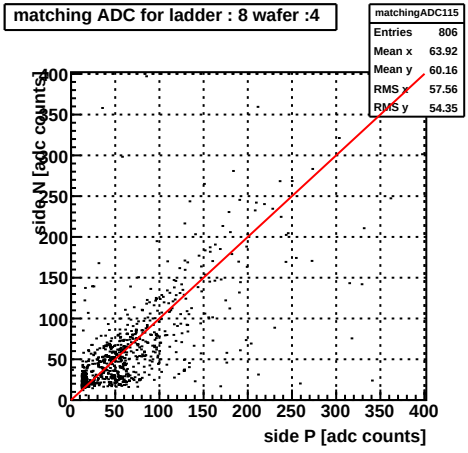

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1212
Mean x 59.11
Mean y 59.63
RMS x 60.29
RMS y 59.24
side N [adc counts]
side P [adc counts]

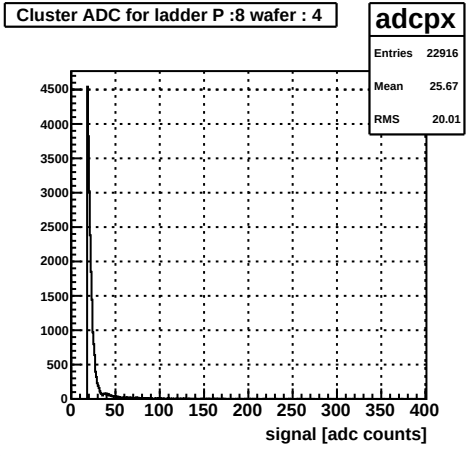

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 11258
Mean 32.25
RMS 30.82
signal [adc counts]

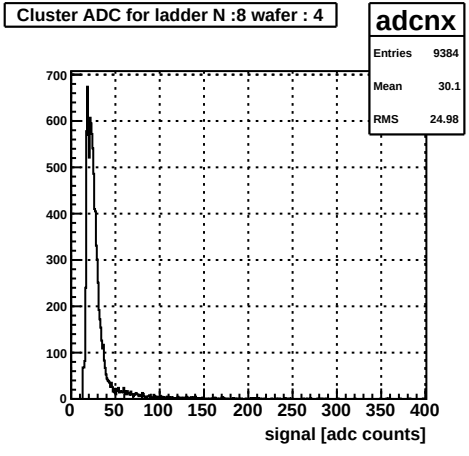

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 23093
Mean 22.99
RMS 25.48
signal [adc counts]

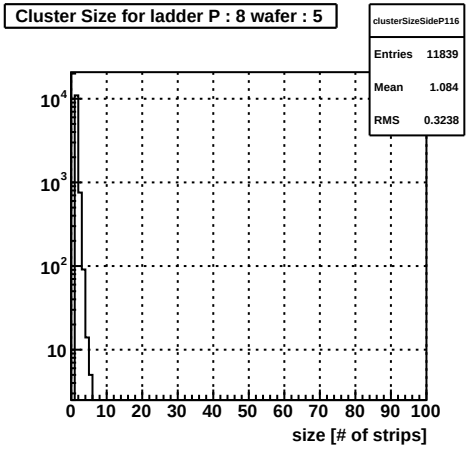

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 22916
Mean 1.072
RMS 0.3157
size [# of strips]

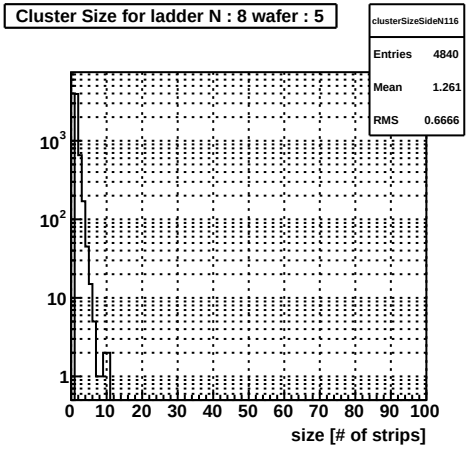

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 9384
Mean 1.135
RMS 0.4669
size [# of strips]

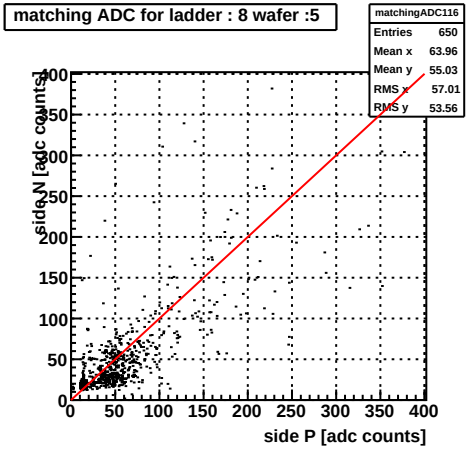

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 806
Mean x 63.92
Mean y 60.16
RMS x 57.56
RMS y 54.35
side N [adc counts]
side P [adc counts]

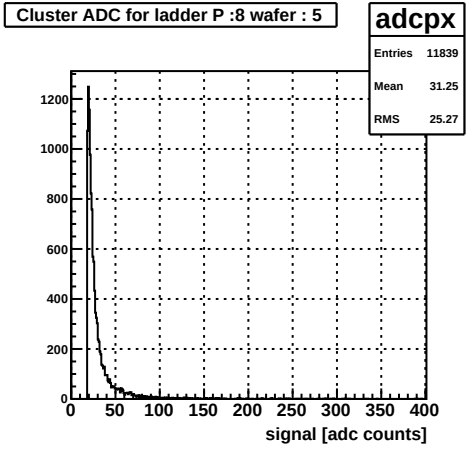

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 22916
Mean 25.67
RMS 20.01
signal [adc counts]

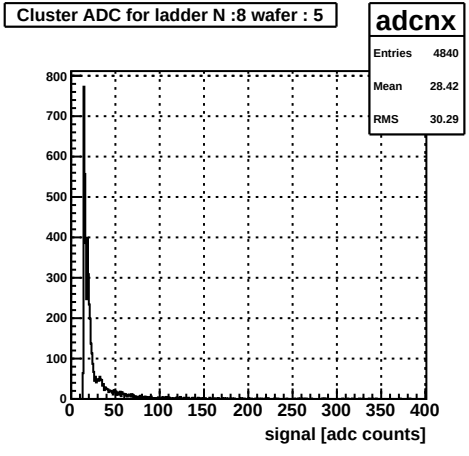

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 9384
Mean 30.1
RMS 24.98
signal [adc counts]

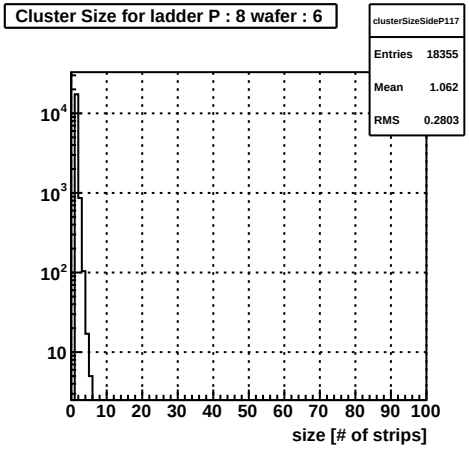

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 11839
Mean 1.084
RMS 0.3238
size [# of strips]

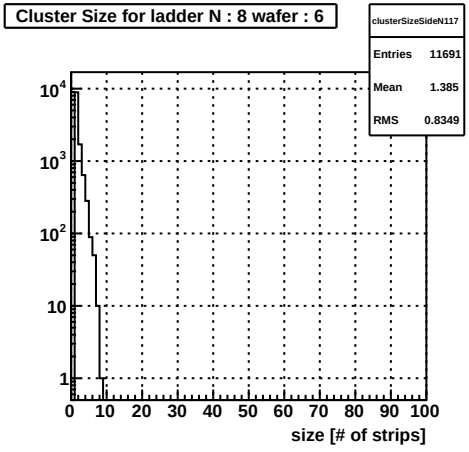

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 4840
Mean 1.261
RMS 0.6666
size [# of strips]

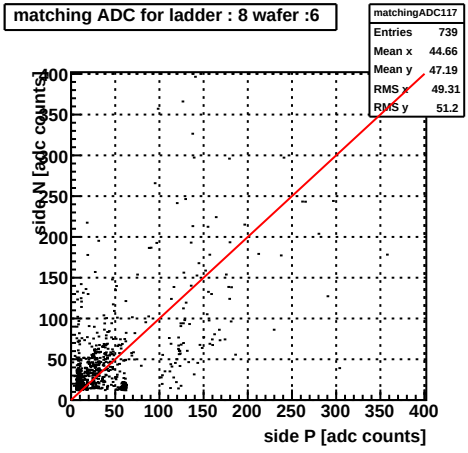

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 650
Mean x 63.96
Mean y 55.03
RMS x 57.01
RMS y 53.56
side N [adc counts]
side P [adc counts]

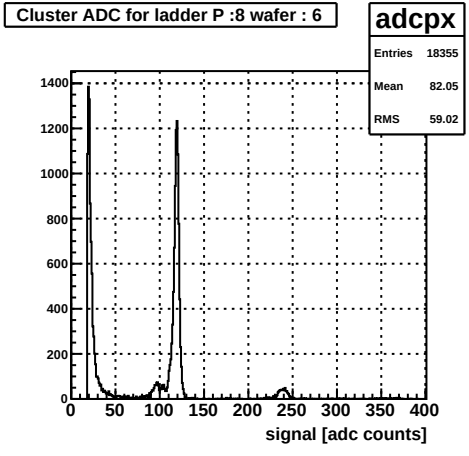

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 11839
Mean 31.25
RMS 25.27
signal [adc counts]

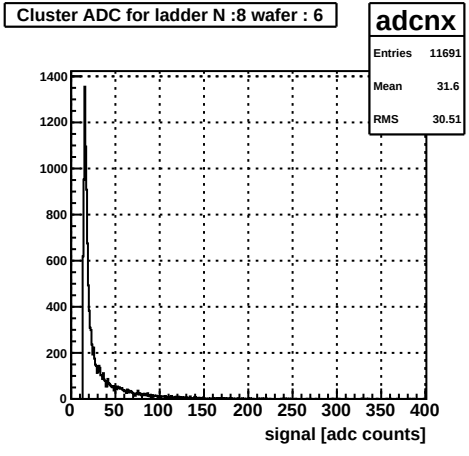

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 4840
Mean 28.42
RMS 30.29
signal [adc counts]

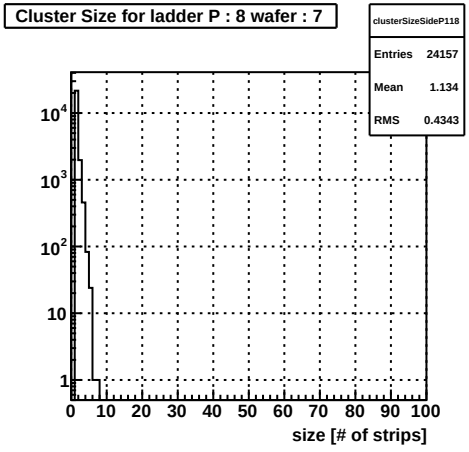

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 18355
Mean 1.062
RMS 0.2803
size [# of strips]

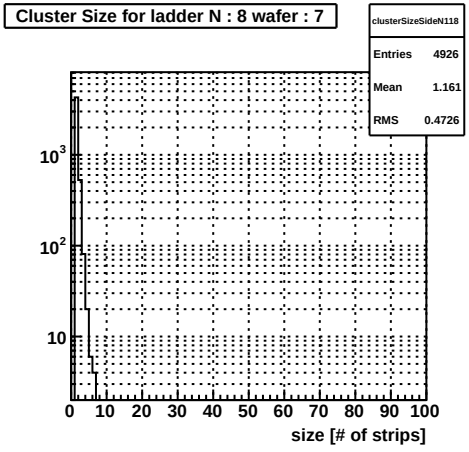

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 11691
Mean 1.385
RMS 0.8349
size [# of strips]

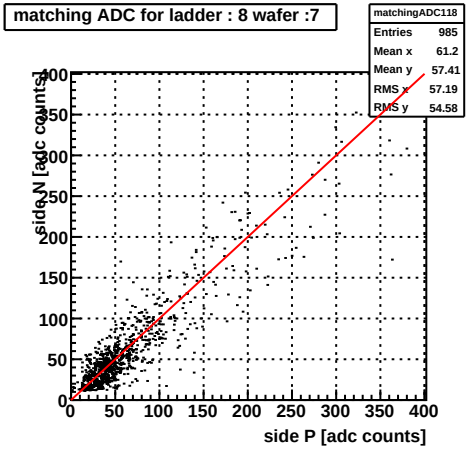

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 739
Mean x 44.66
Mean y 47.19
RMS x 49.31
RMS y 51.2
side N [adc counts]
side P [adc counts]

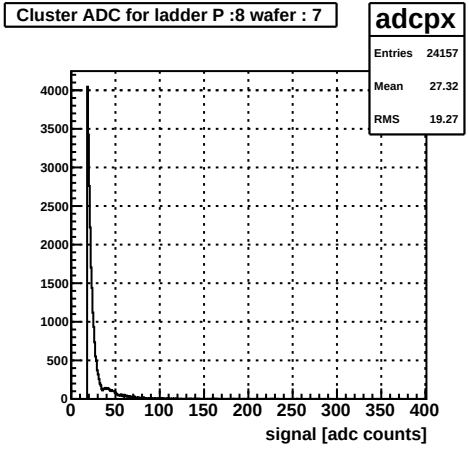

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 18355
Mean 82.05
RMS 59.02
signal [adc counts]

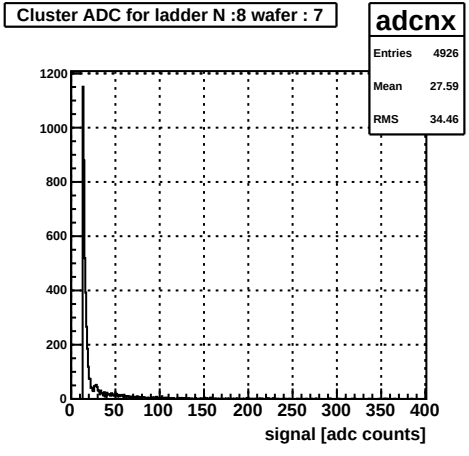

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 11691
Mean 31.6
RMS 30.51
signal [adc counts]

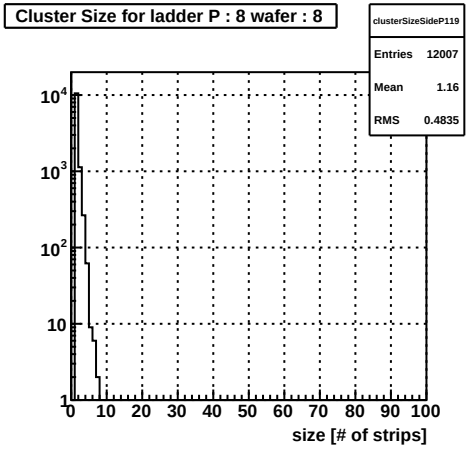

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 24157
Mean 1.134
RMS 0.4343
size [# of strips]

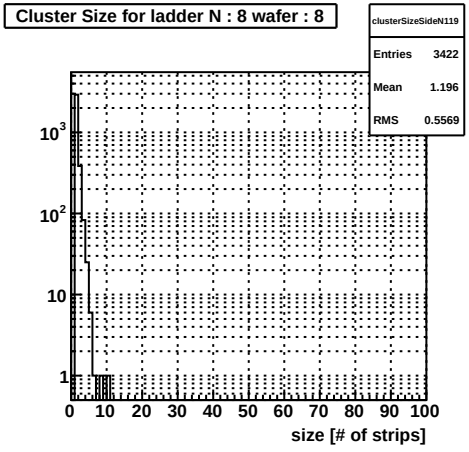

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 4926
Mean 1.161
RMS 0.4726
size [# of strips]

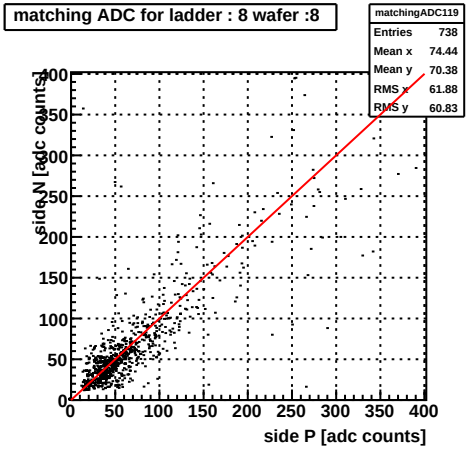

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 985
Mean x 61.2
Mean y 57.41
RMS x 57.19
RMS y 54.58
side N [adc counts]
side P [adc counts]

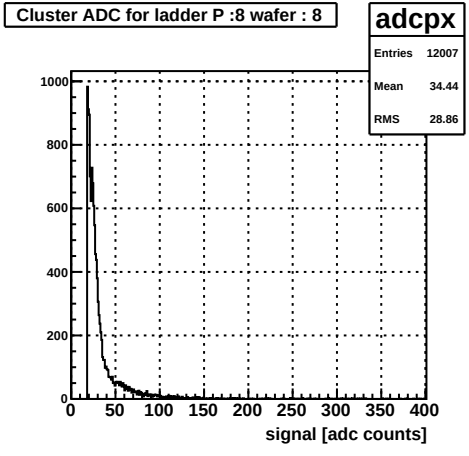

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 24157
Mean 27.32
RMS 19.27
signal [adc counts]

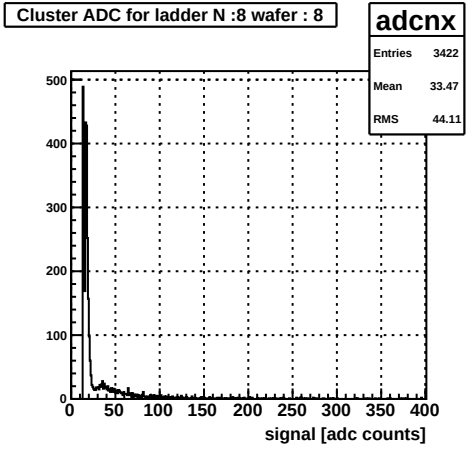

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 4926
Mean 27.59
RMS 34.46
signal [adc counts]

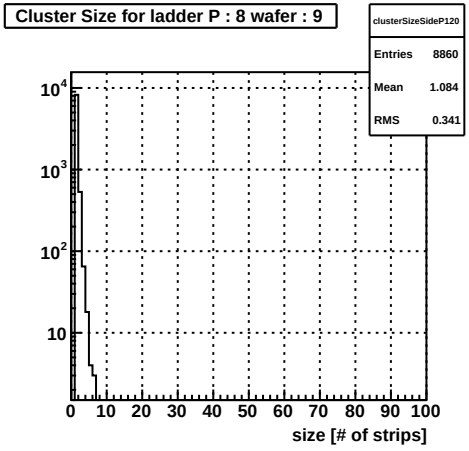

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 12007
Mean 1.16
RMS 0.4835
size [# of strips]

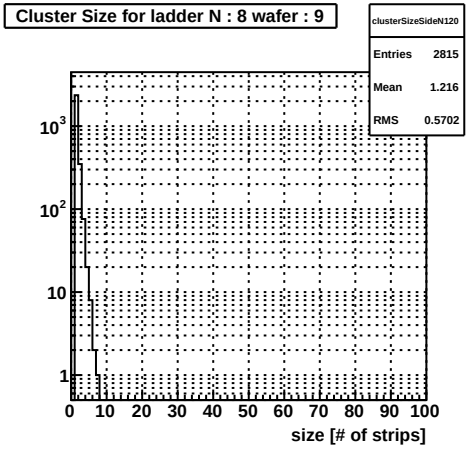

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 3422
Mean 1.196
RMS 0.5569
size [# of strips]

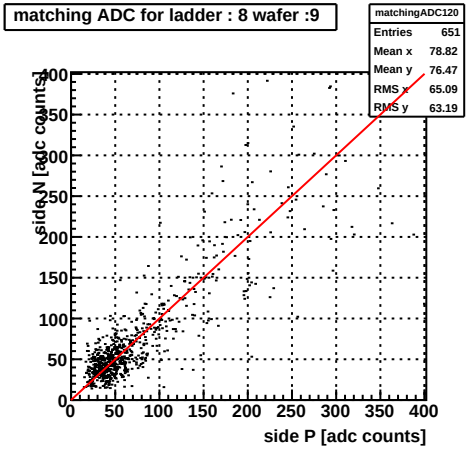

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 738
Mean x 74.44
Mean y 70.38
RMS x 61.88
RMS y 60.83
side N [adc counts]
side P [adc counts]

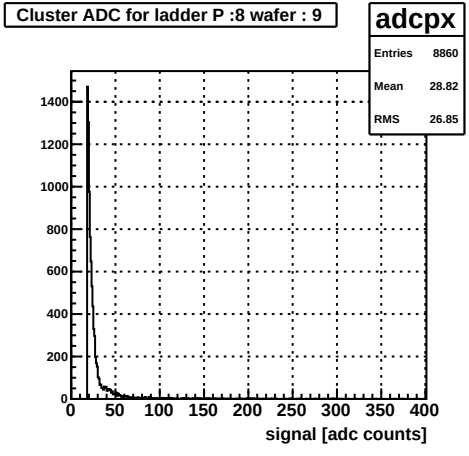

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 12007
Mean 34.44
RMS 28.86
signal [adc counts]

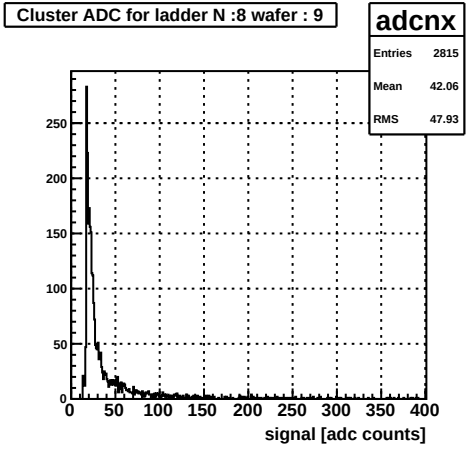

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 3422
Mean 33.47
RMS 44.11
signal [adc counts]

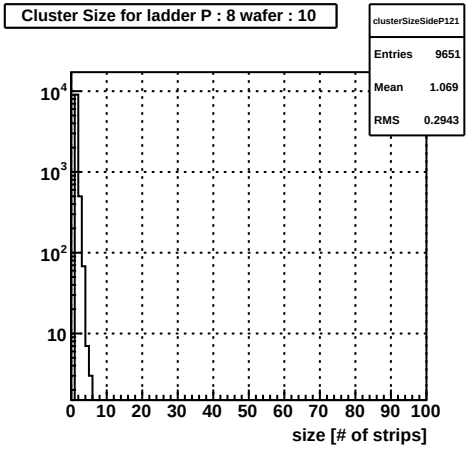

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 8860
Mean 1.084
RMS 0.341
size [# of strips]

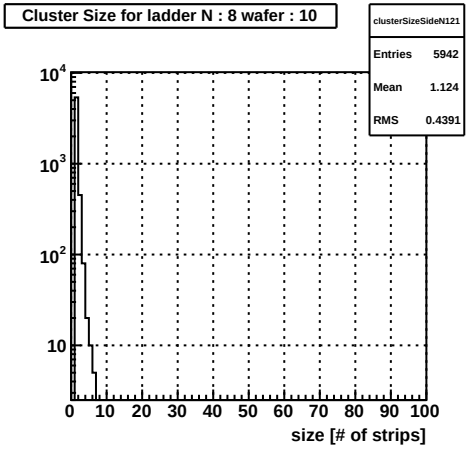

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2815
Mean 1.216
RMS 0.5702
size [# of strips]

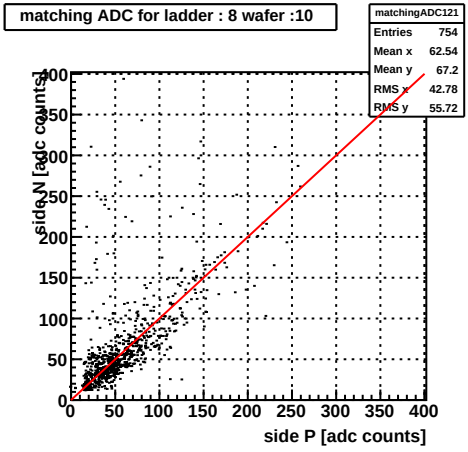

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 651
Mean x 78.82
Mean y 76.47
RMS x 65.09
RMS y 63.19
side N [adc counts]
side P [adc counts]

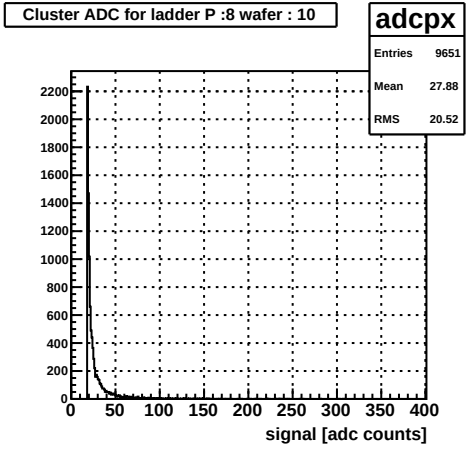

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 8860
Mean 28.82
RMS 26.85
signal [adc counts]

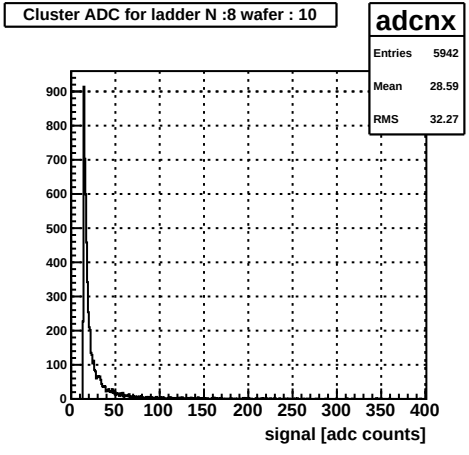

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2815
Mean 42.06
RMS 47.93
signal [adc counts]

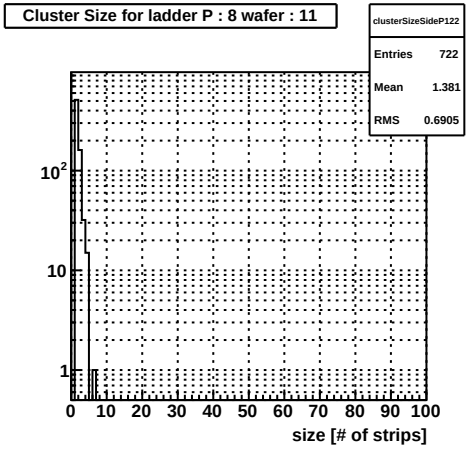

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 9651
Mean 1.069
RMS 0.2943
size [# of strips]

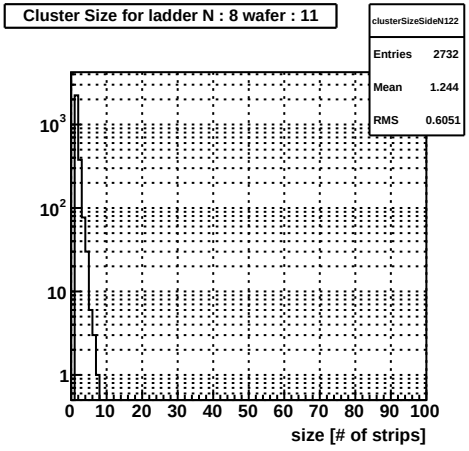

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 5942
Mean 1.124
RMS 0.4391
size [# of strips]

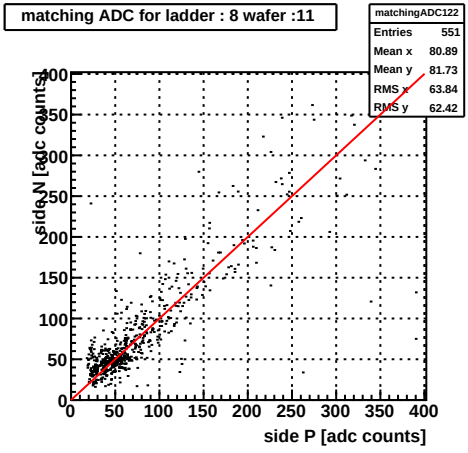

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 754
Mean x 62.54
Mean y 67.2
RMS x 42.78
RMS y 55.72
side N [adc counts]
side P [adc counts]

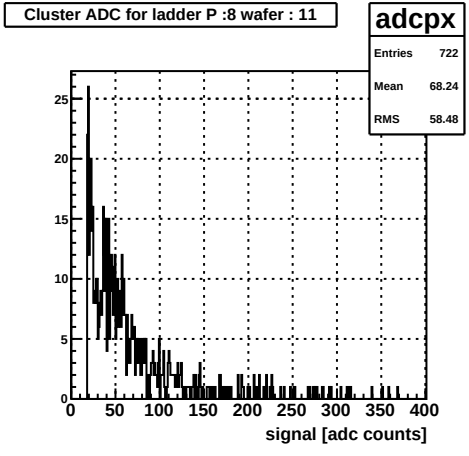

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 9651
Mean 27.88
RMS 20.52
signal [adc counts]

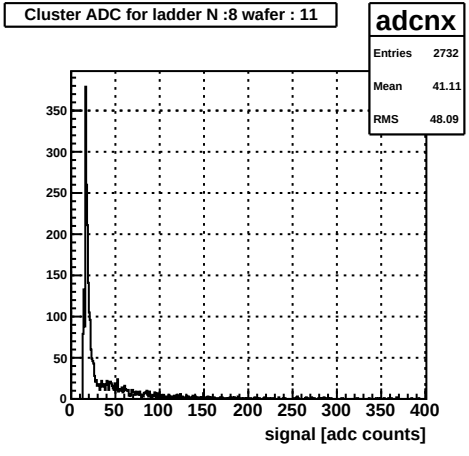

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 5942
Mean 28.59
RMS 32.27
signal [adc counts]

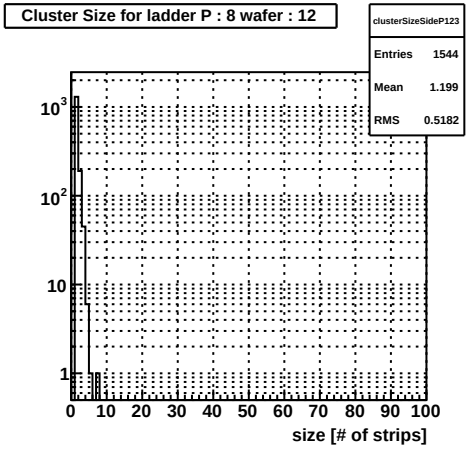

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 722
Mean 1.381
RMS 0.6905
size [# of strips]

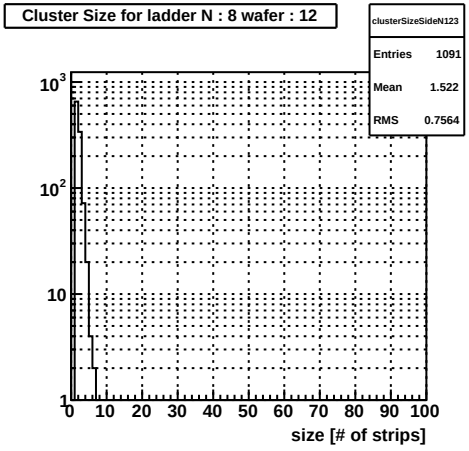

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2732
Mean 1.244
RMS 0.6051
size [# of strips]

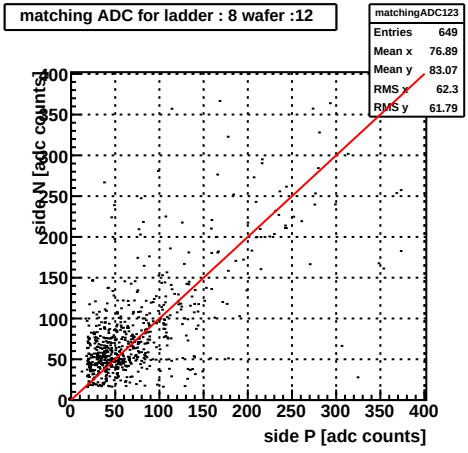

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 551
Mean x 80.89
Mean y 81.73
RMS x 63.84
RMS y 62.42
side N [adc counts]
side P [adc counts]

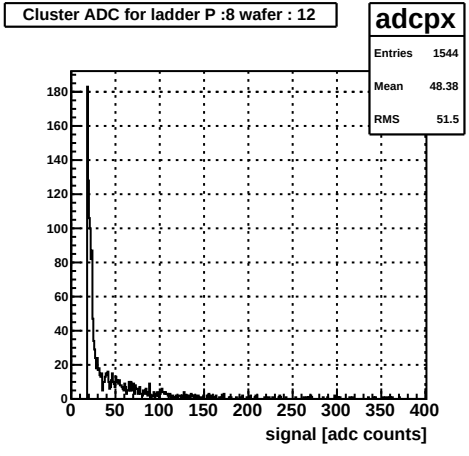

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 722
Mean 68.24
RMS 58.48
signal [adc counts]

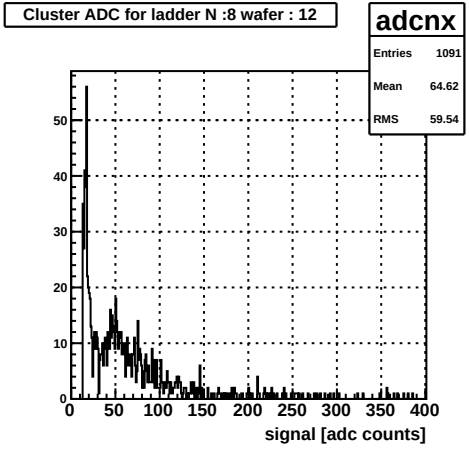

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2732
Mean 41.11
RMS 48.09
signal [adc counts]

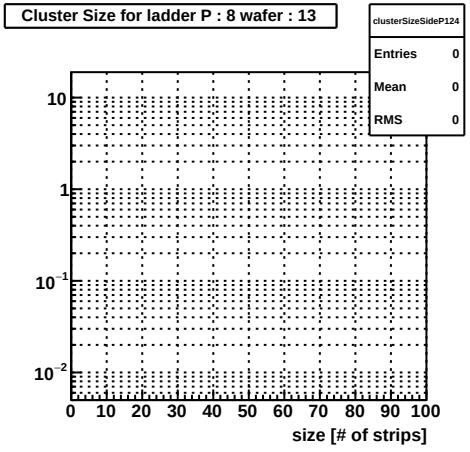

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1544
Mean 1.199
RMS 0.5182
size [# of strips]

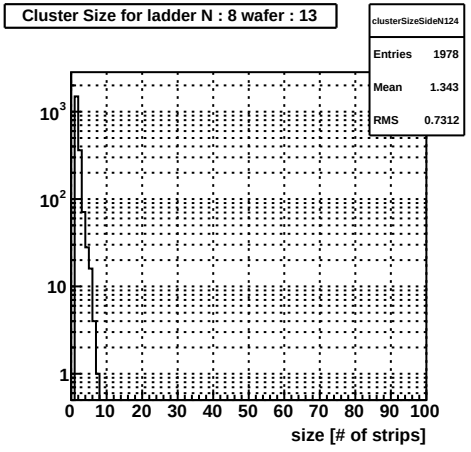

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1091
Mean 1.522
RMS 0.7564
size [# of strips]

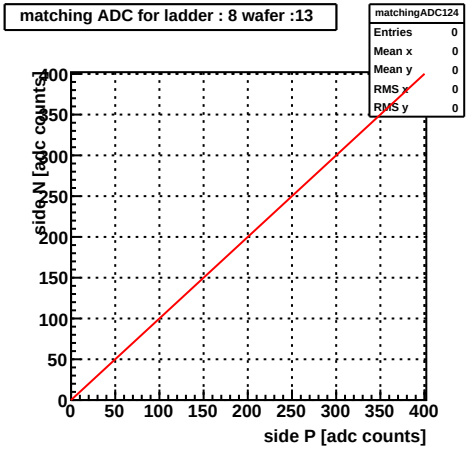

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 649
Mean x 76.89
Mean y 83.07
RMS x 62.3
RMS y 61.79
side N [adc counts]
side P [adc counts]

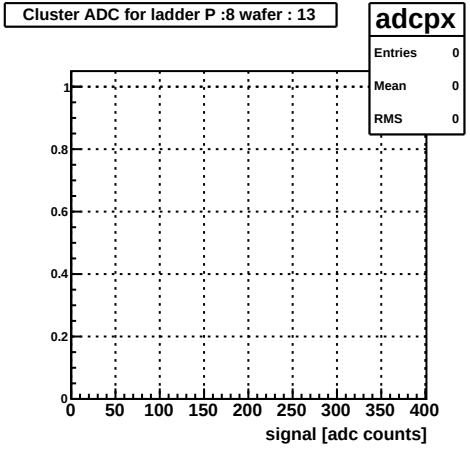

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1544
Mean 48.38
RMS 51.5
signal [adc counts]

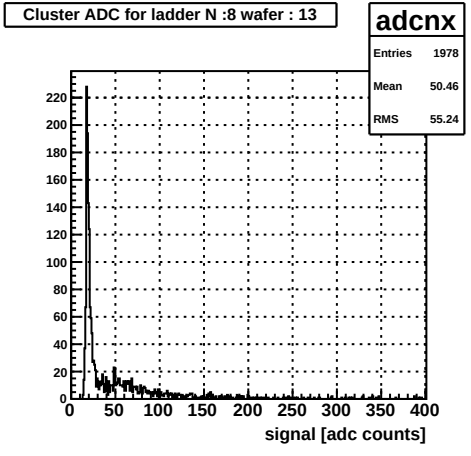

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1091
Mean 64.62
RMS 59.54
signal [adc counts]

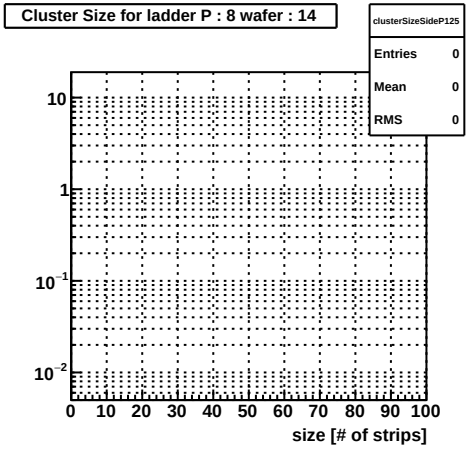

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

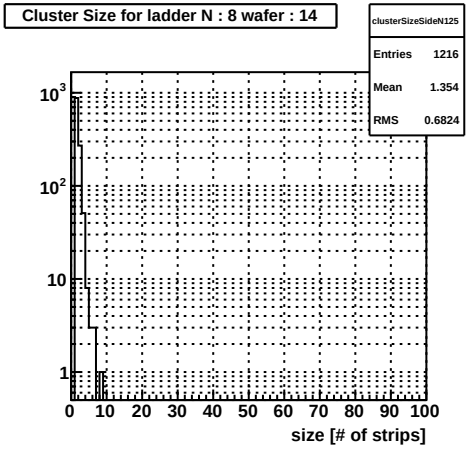

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1978
Mean 1.343
RMS 0.7312
size [# of strips]

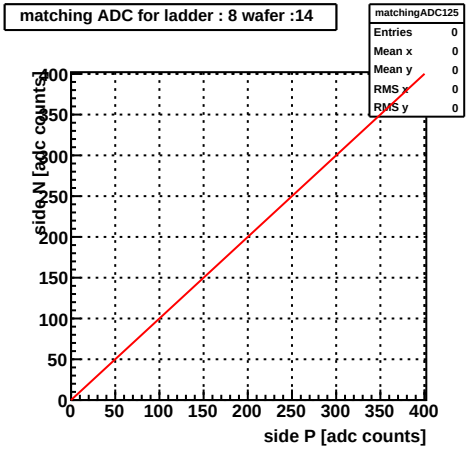

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

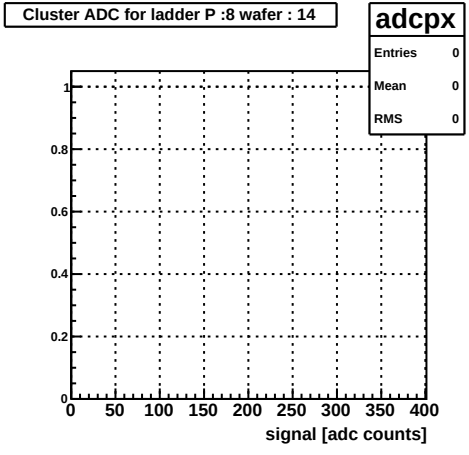

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

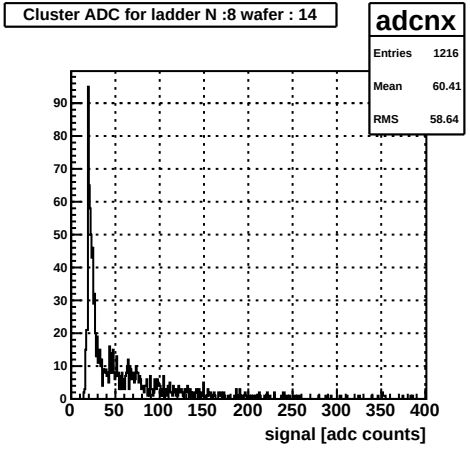

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1978
Mean 50.46
RMS 55.24
signal [adc counts]

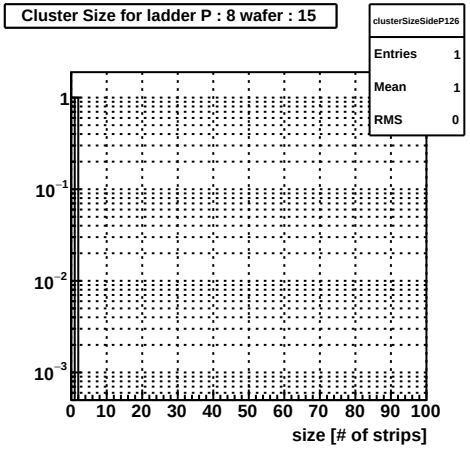

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

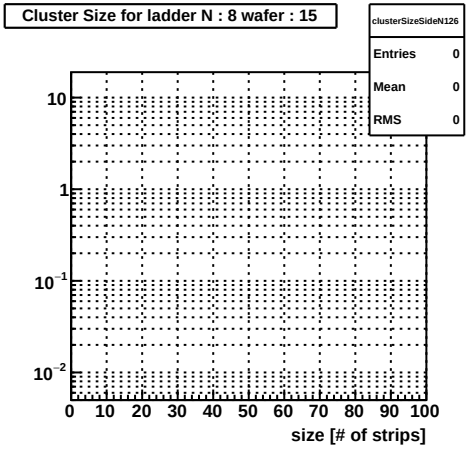

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1216
Mean 1.354
RMS 0.6824
size [# of strips]

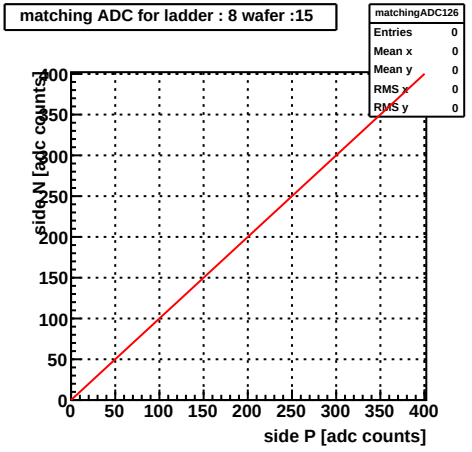

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

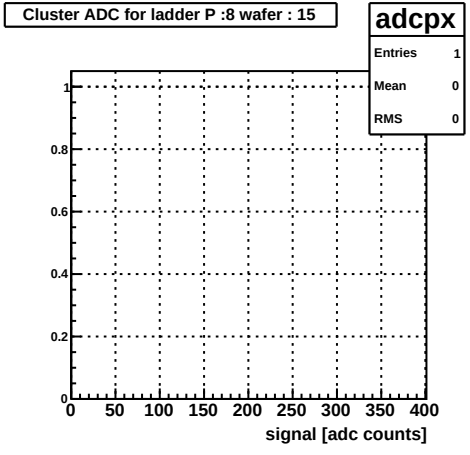

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

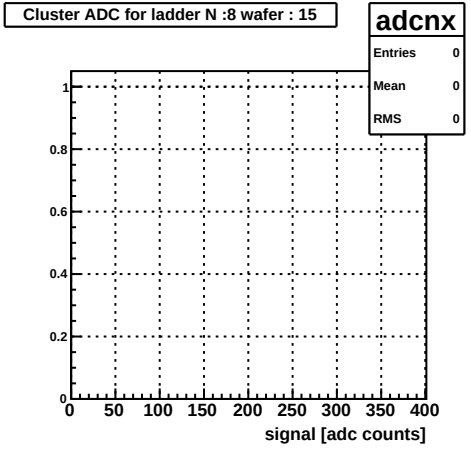

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1216
Mean 60.41
RMS 58.64
signal [adc counts]

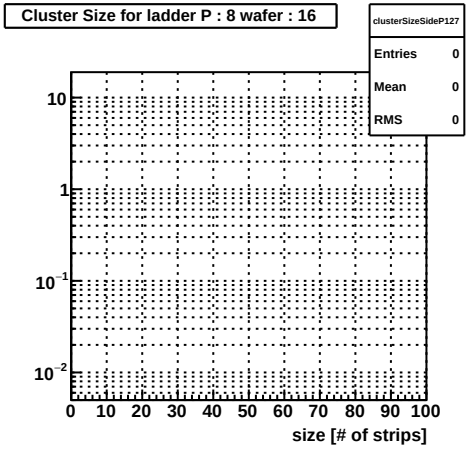

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

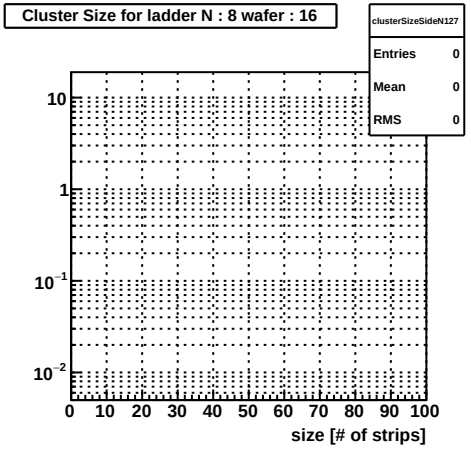

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

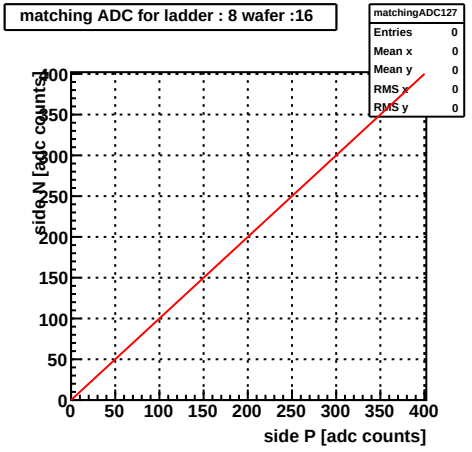

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

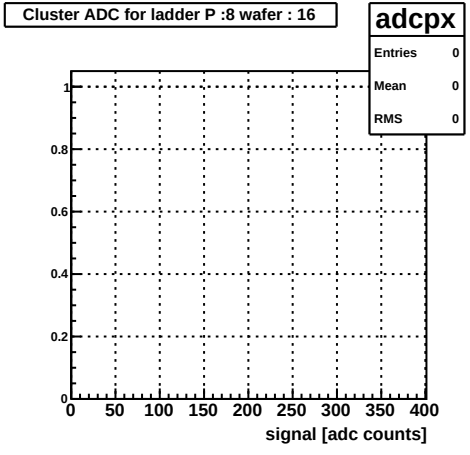

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

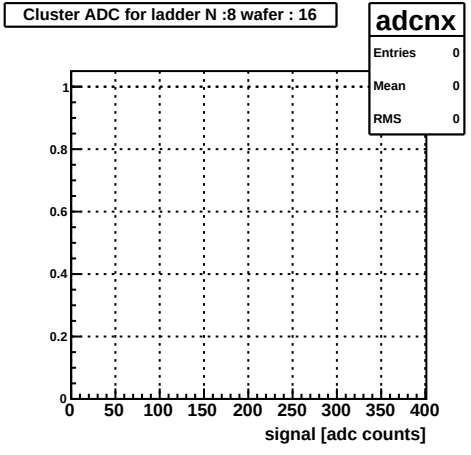

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

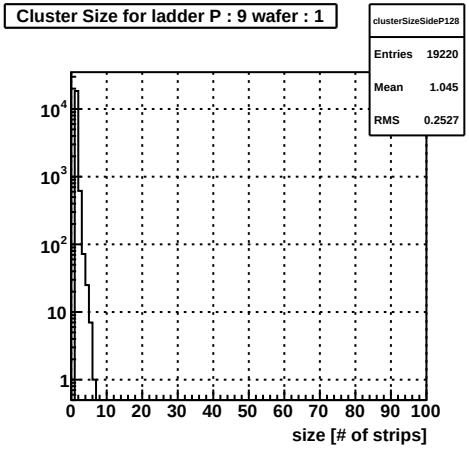

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

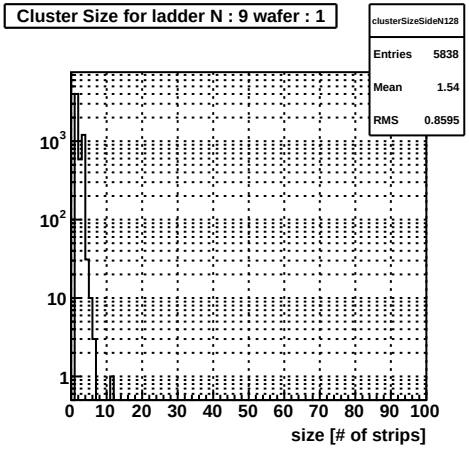

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

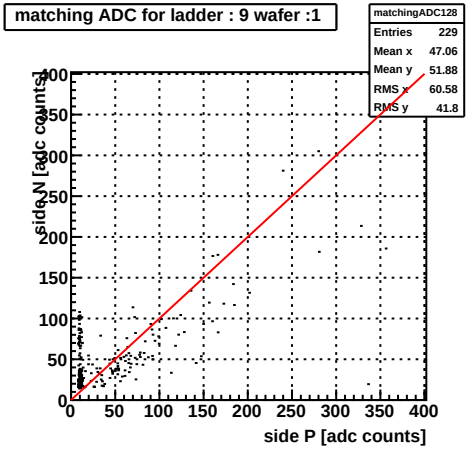

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

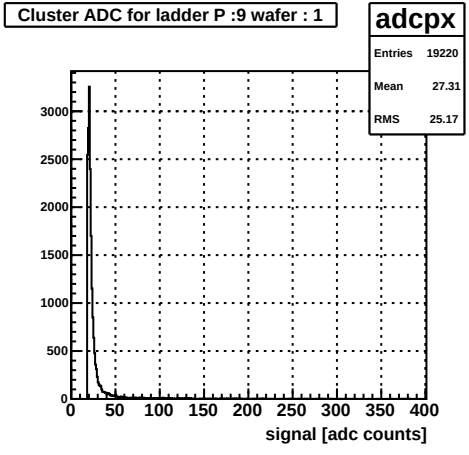

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

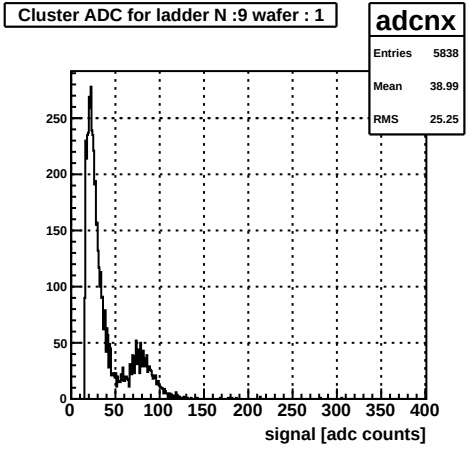

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

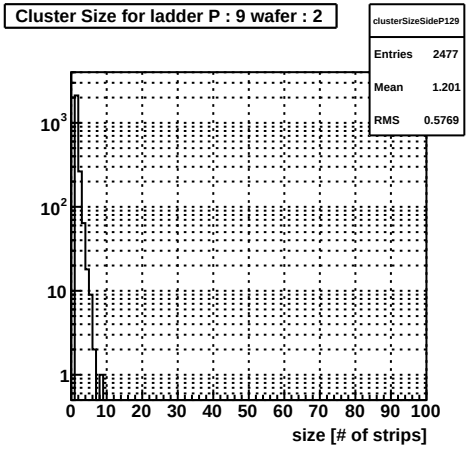

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 19220
Mean 1.045
RMS 0.2527
size [# of strips]

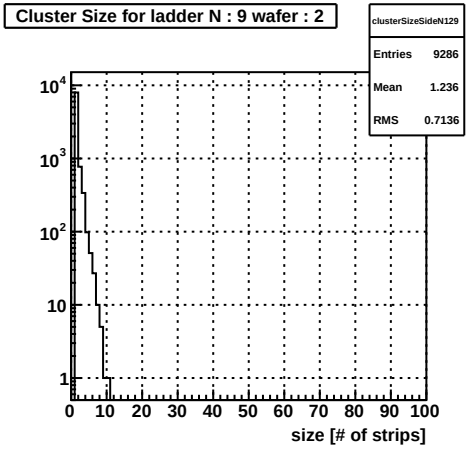

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 5838
Mean 1.54
RMS 0.8595
size [# of strips]

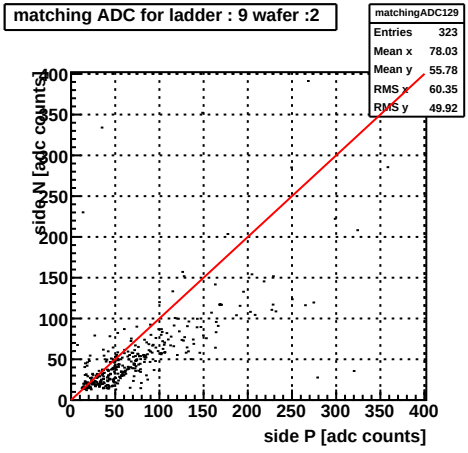

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 229
Mean x 47.06
Mean y 51.88
RMS x 60.58
RMS y 41.8
side N [adc counts]
side P [adc counts]

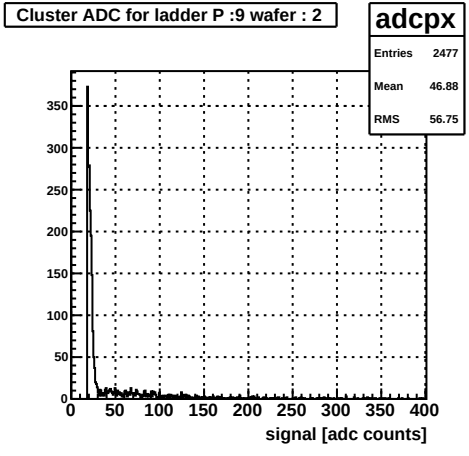

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 19220
Mean 27.31
RMS 25.17
signal [adc counts]

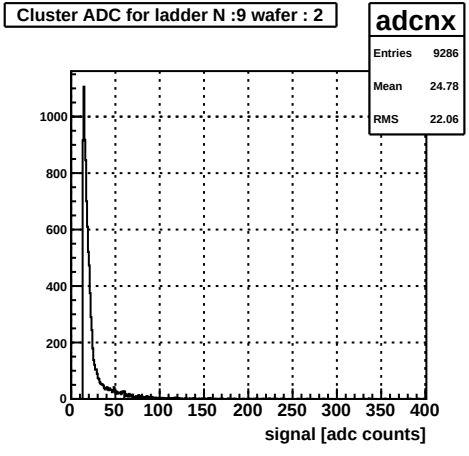

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 5838
Mean 38.99
RMS 25.25
signal [adc counts]

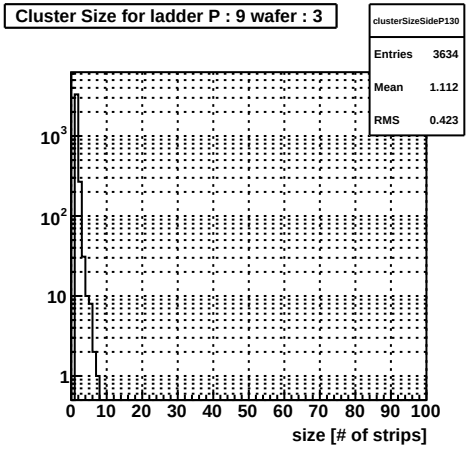

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2477
Mean 1.201
RMS 0.5769
size [# of strips]

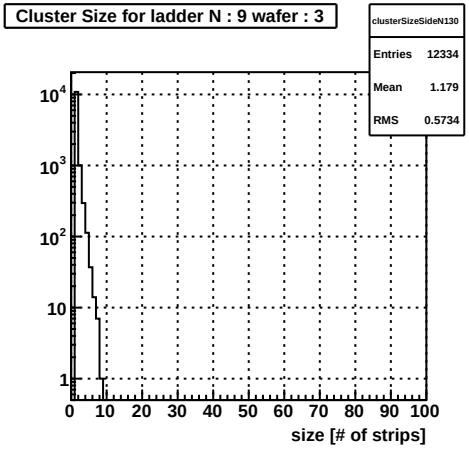

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 9286
Mean 1.236
RMS 0.7136
size [# of strips]

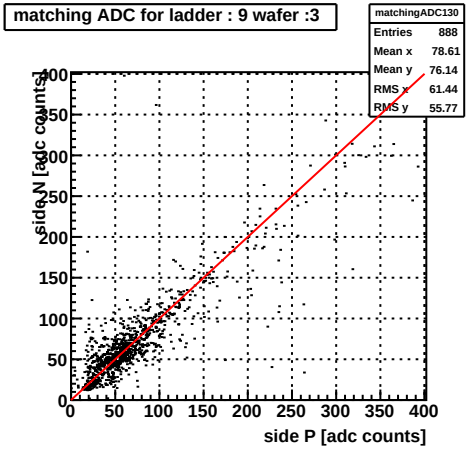

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 323
Mean x 78.03
Mean y 55.78
RMS x 60.35
RMS y 49.92
side N [adc counts]
side P [adc counts]

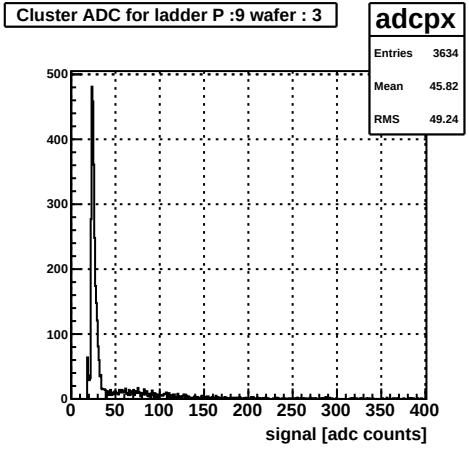

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2477
Mean 46.88
RMS 56.75
signal [adc counts]

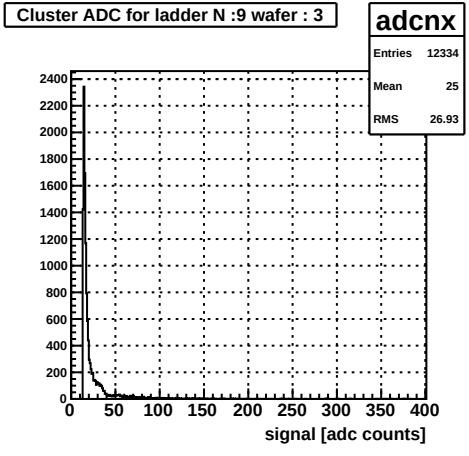

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 9286
Mean 24.78
RMS 22.06
signal [adc counts]

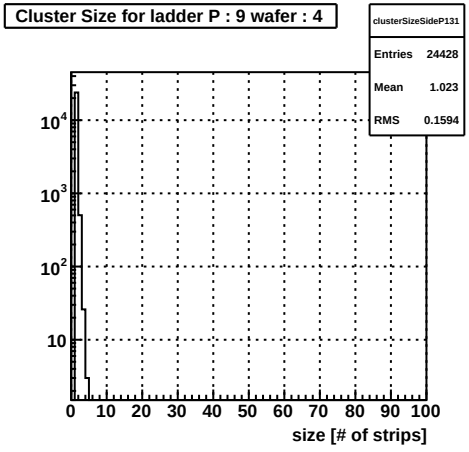

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3634
Mean 1.112
RMS 0.423
size [# of strips]

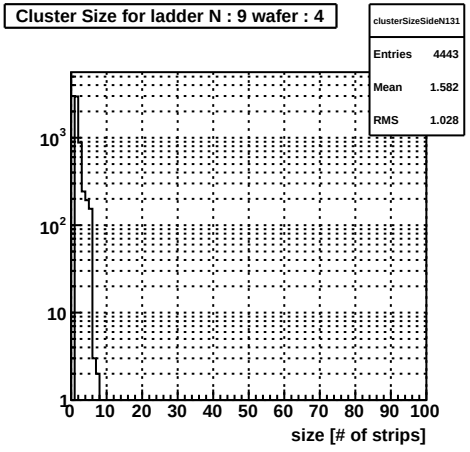

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 12334
Mean 1.179
RMS 0.5734
size [# of strips]

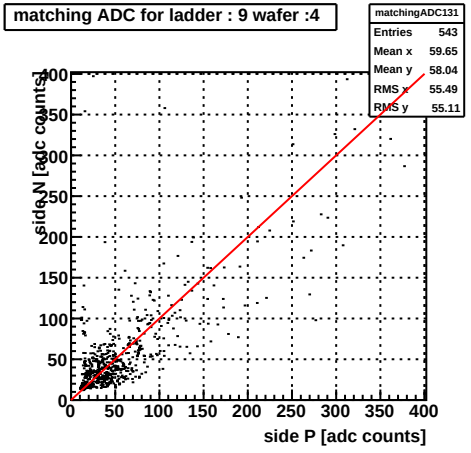

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 888
Mean x 78.61
Mean y 76.14
RMS x 61.44
RMS y 55.77
side N [adc counts]
side P [adc counts]

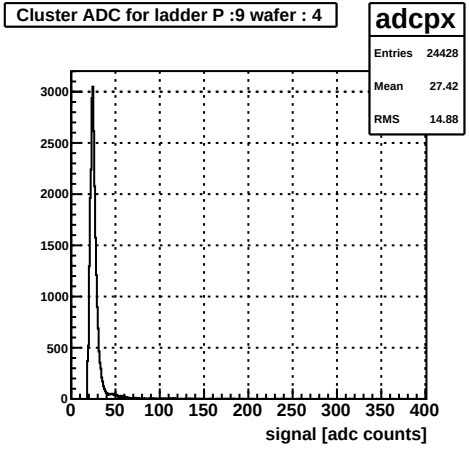

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3634
Mean 45.82
RMS 49.24
signal [adc counts]

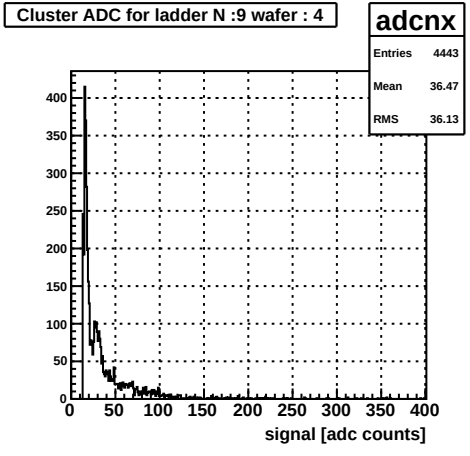

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 12334
Mean 25
RMS 26.93
signal [adc counts]

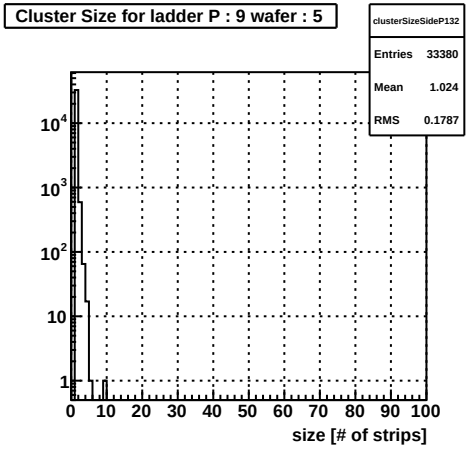

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 24428
Mean 1.023
RMS 0.1594
size [# of strips]

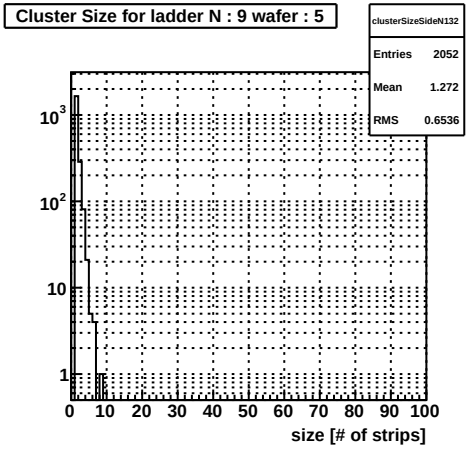

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 4443
Mean 1.582
RMS 1.028
size [# of strips]

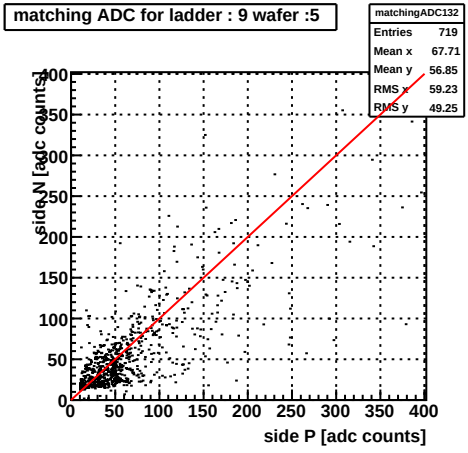

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 543
Mean x 59.65
Mean y 58.04
RMS x 55.49
RMS y 55.11
side N [adc counts]
side P [adc counts]

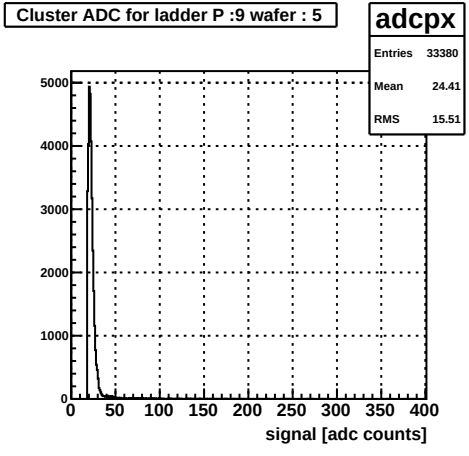

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 24428
Mean 27.42
RMS 14.88
signal [adc counts]

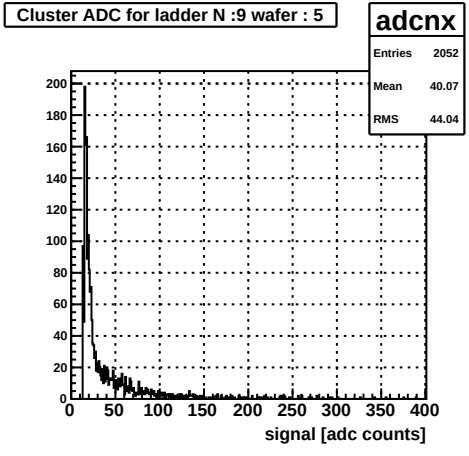

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 4443
Mean 36.47
RMS 36.13
signal [adc counts]

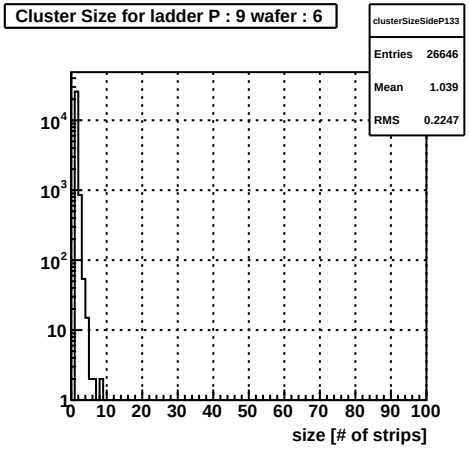

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 33380
Mean 1.024
RMS 0.1787
size [# of strips]

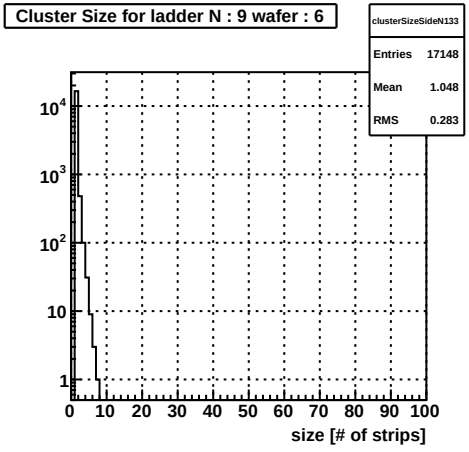

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2052
Mean 1.272
RMS 0.6536
size [# of strips]

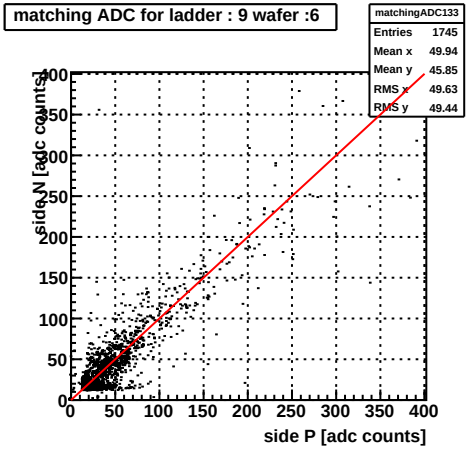

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 719
Mean x 67.71
Mean y 56.85
RMS x 59.23
RMS y 49.25
side N [adc counts]
side P [adc counts]

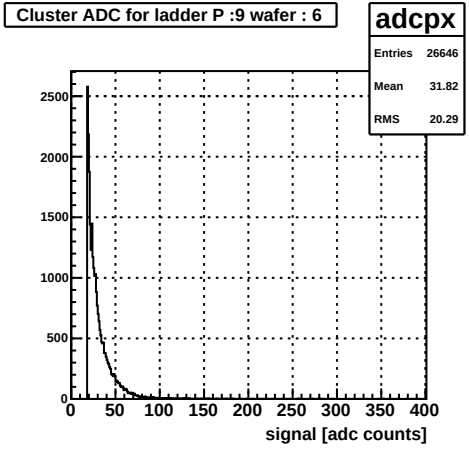

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 33380
Mean 24.41
RMS 15.51
signal [adc counts]

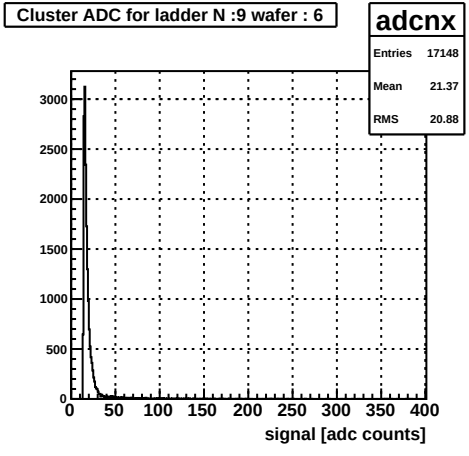

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2052
Mean 40.07
RMS 44.04
signal [adc counts]

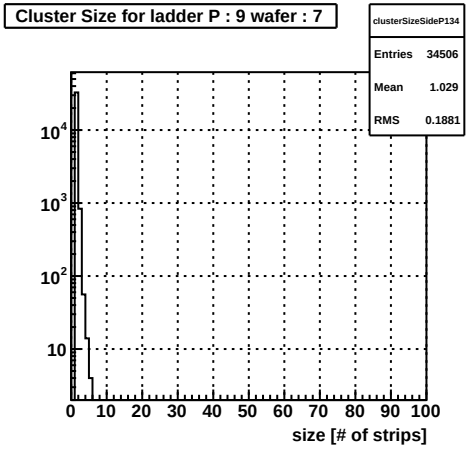

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 26646
Mean 1.039
RMS 0.2247
size [# of strips]

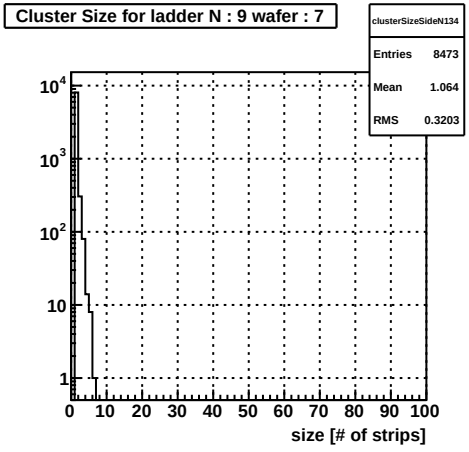

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 17148
Mean 1.048
RMS 0.283
size [# of strips]

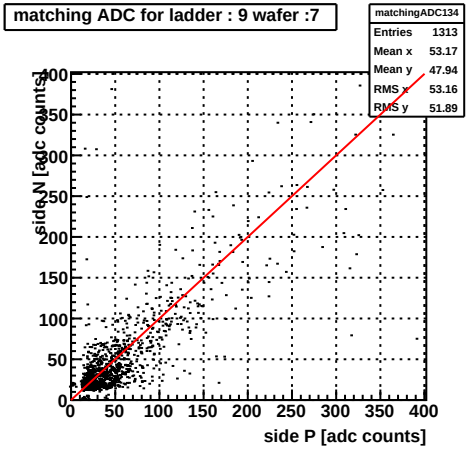

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1745
Mean x 49.94
Mean y 45.85
RMS x 49.63
RMS y 49.44
side N [adc counts]
side P [adc counts]

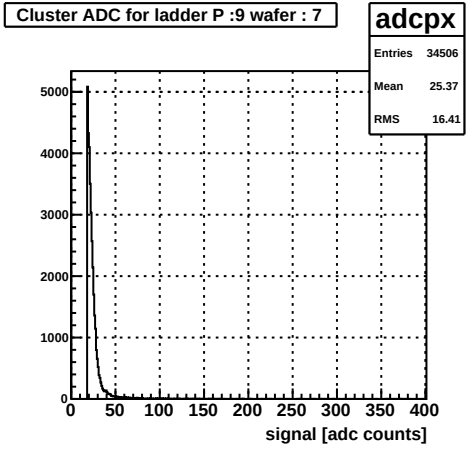

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 26646
Mean 31.82
RMS 20.29
signal [adc counts]

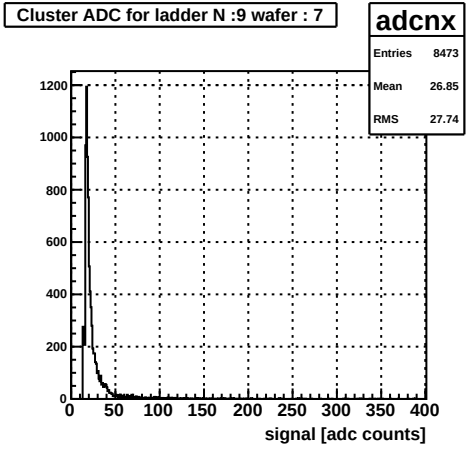

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 17148
Mean 21.37
RMS 20.88
signal [adc counts]

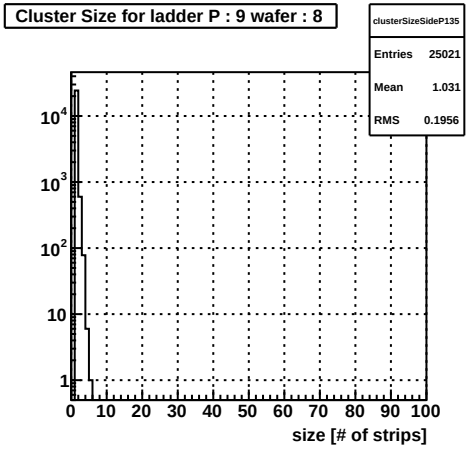

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 34506
Mean 1.029
RMS 0.1881
size [# of strips]

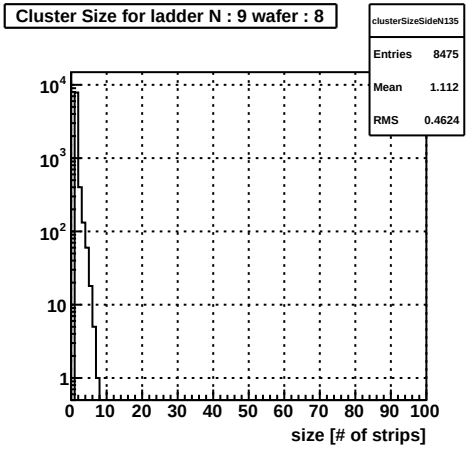

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8473
Mean 1.064
RMS 0.3203
size [# of strips]

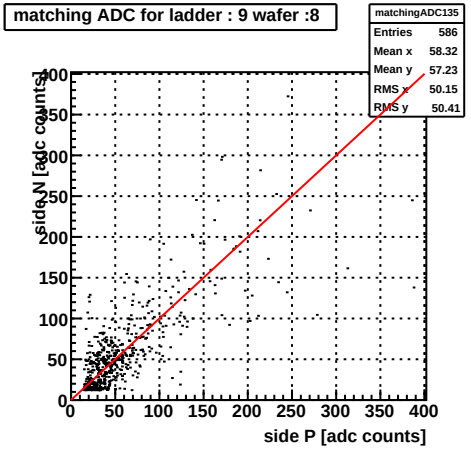

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1313
Mean x 53.17
Mean y 47.94
RMS x 53.16
RMS y 51.89
side N [adc counts]
side P [adc counts]

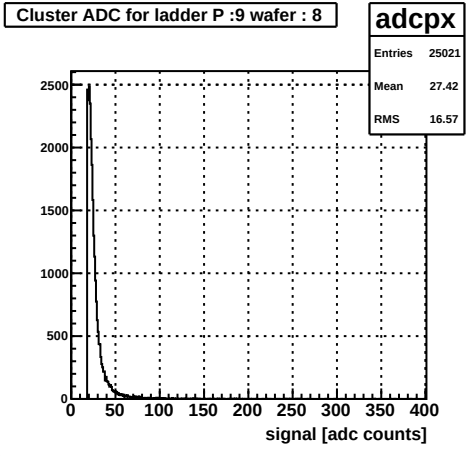

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 34506
Mean 25.37
RMS 16.41
signal [adc counts]

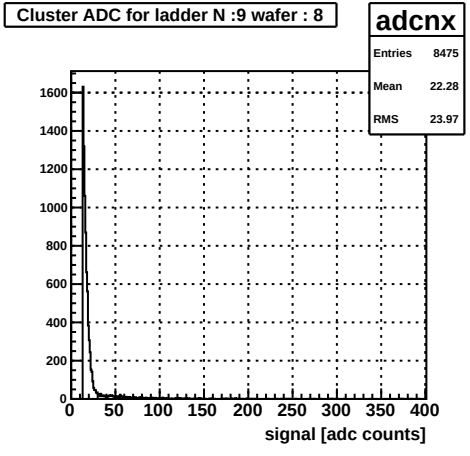

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8473
Mean 26.85
RMS 27.74
signal [adc counts]

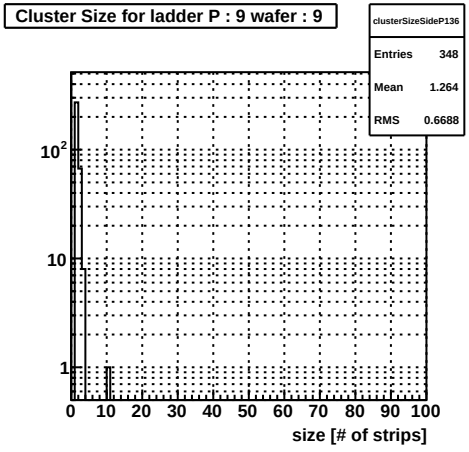

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 25021
Mean 1.031
RMS 0.1956
size [# of strips]

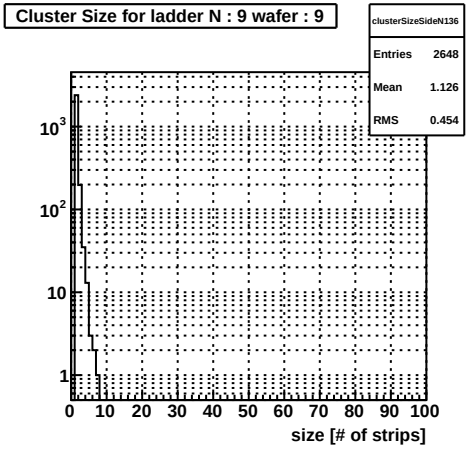

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 8475
Mean 1.112
RMS 0.4624
size [# of strips]

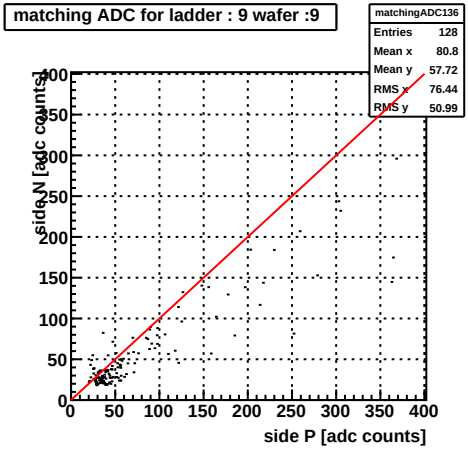

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 586
Mean x 58.32
Mean y 57.23
RMS x 50.15
RMS y 50.41
side N [adc counts]
side P [adc counts]

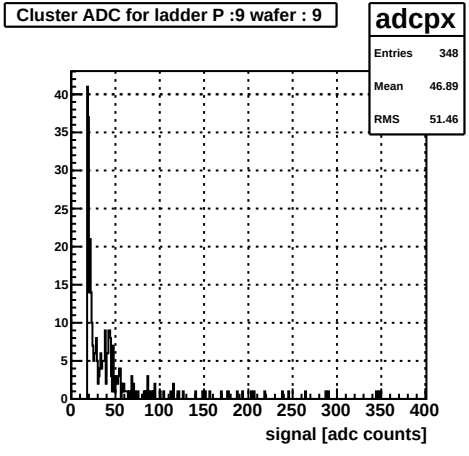

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 25021
Mean 27.42
RMS 16.57
signal [adc counts]

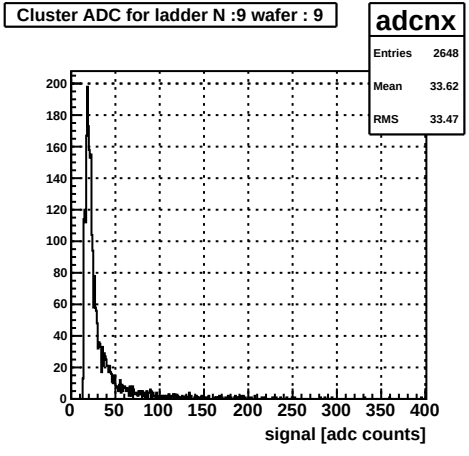

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 8475
Mean 22.28
RMS 23.97
signal [adc counts]

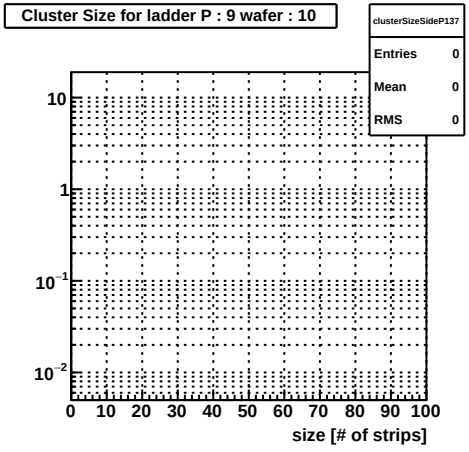

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 348
Mean 1.264
RMS 0.6688
size [# of strips]

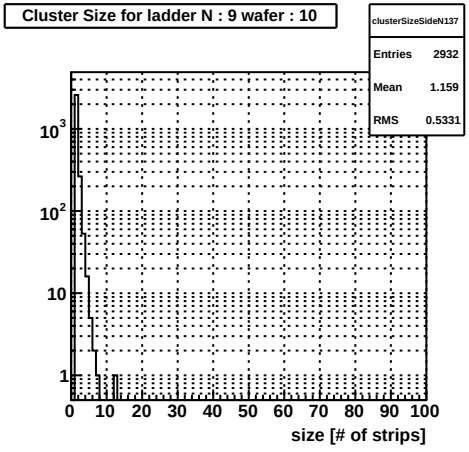

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2648
Mean 1.126
RMS 0.454
size [# of strips]

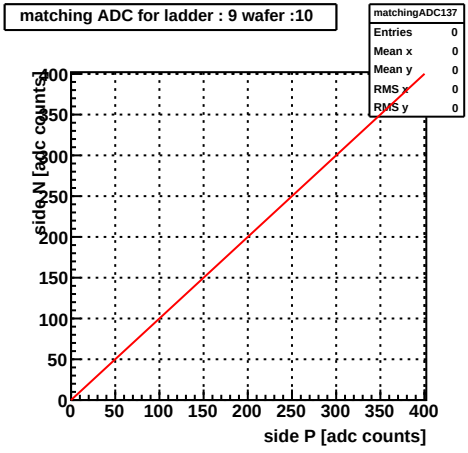

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 128
Mean x 80.8
Mean y 57.72
RMS x 76.44
RMS y 50.99
side N [adc counts]
side P [adc counts]

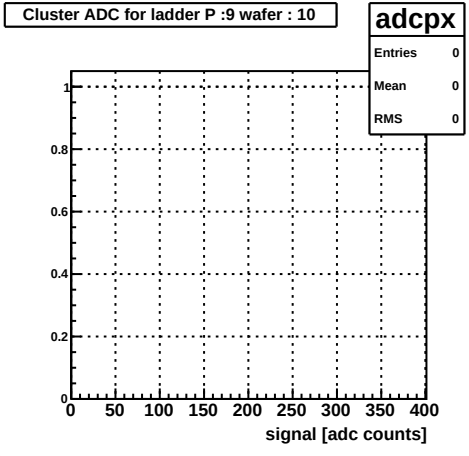

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 348
Mean 46.89
RMS 51.46
signal [adc counts]

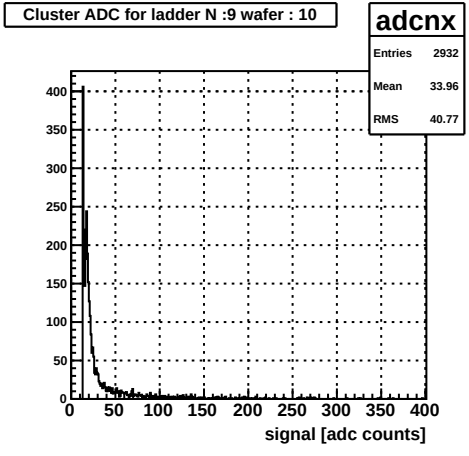

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2648
Mean 33.62
RMS 33.47
signal [adc counts]

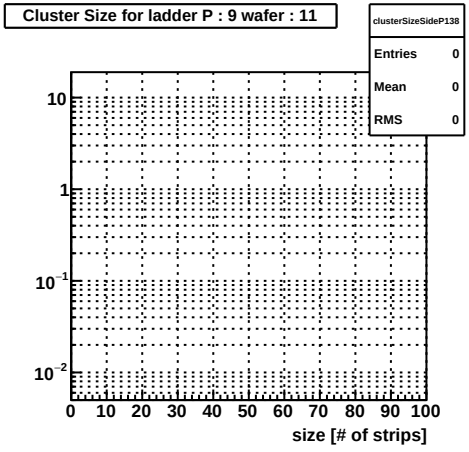

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

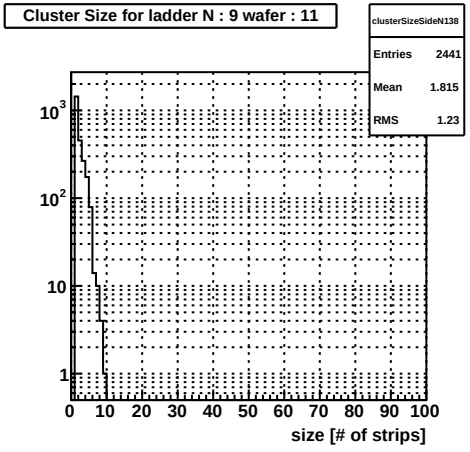

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2932
Mean 1.159
RMS 0.5331
size [# of strips]

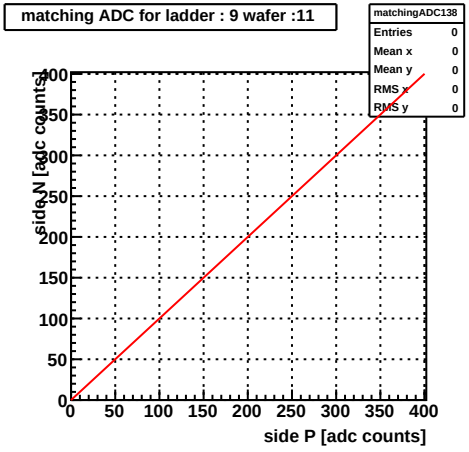

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

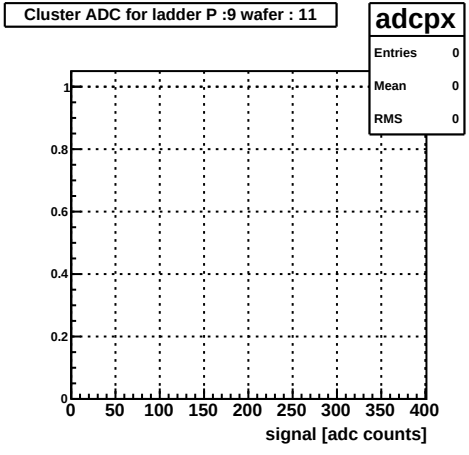

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

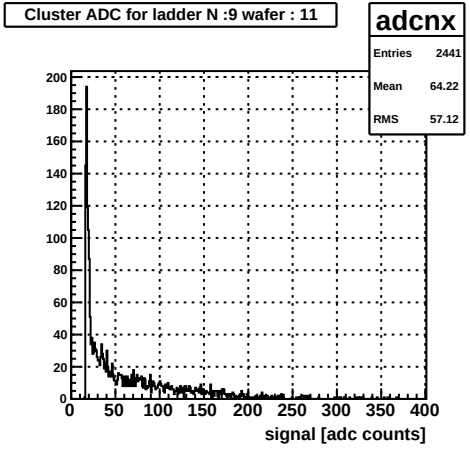

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2932
Mean 33.96
RMS 40.77
signal [adc counts]

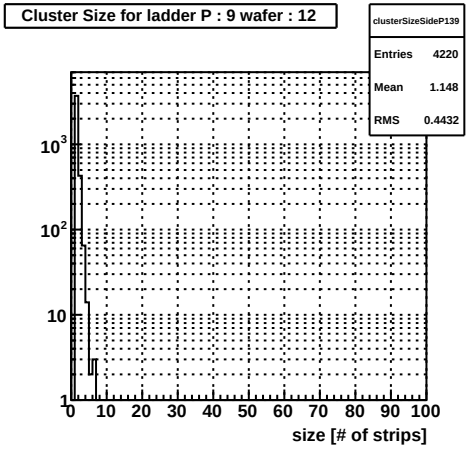

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

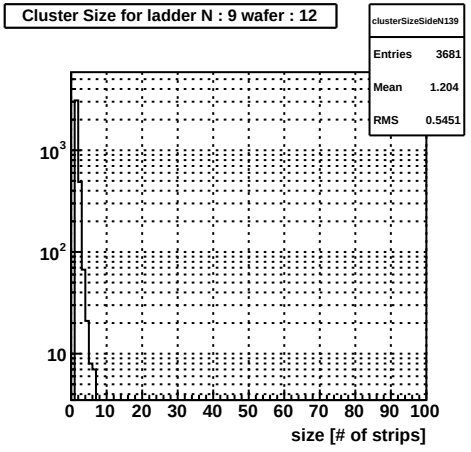

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2441
Mean 1.815
RMS 1.23
size [# of strips]

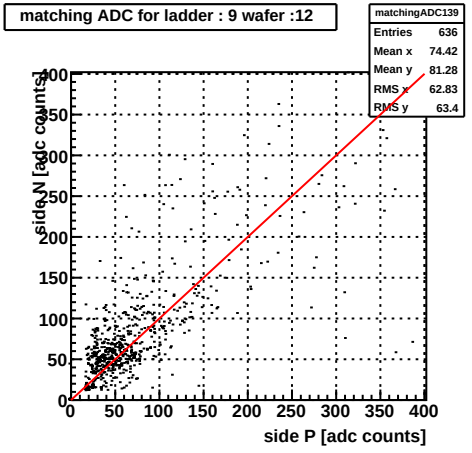

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

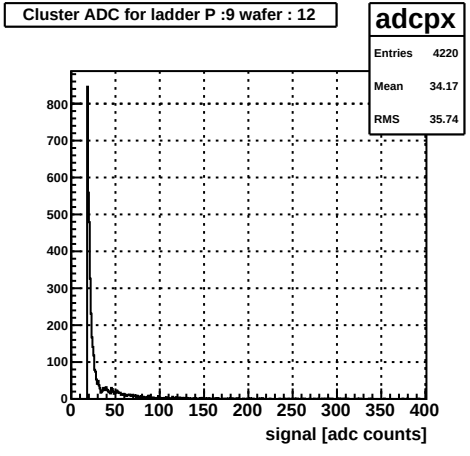

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

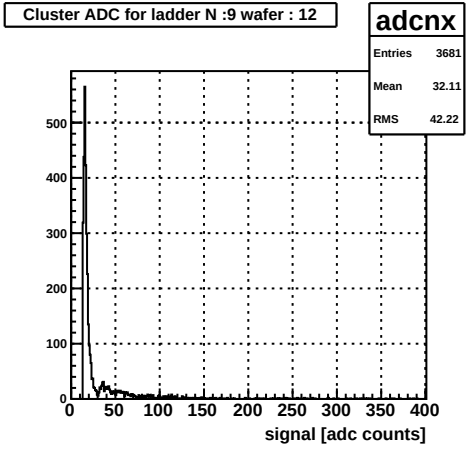

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2441
Mean 64.22
RMS 57.12
signal [adc counts]

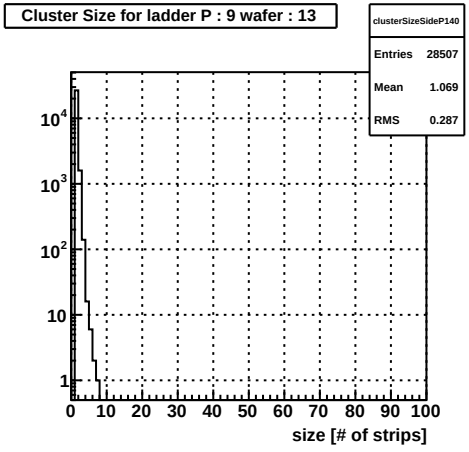

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4220
Mean 1.148
RMS 0.4432
size [# of strips]

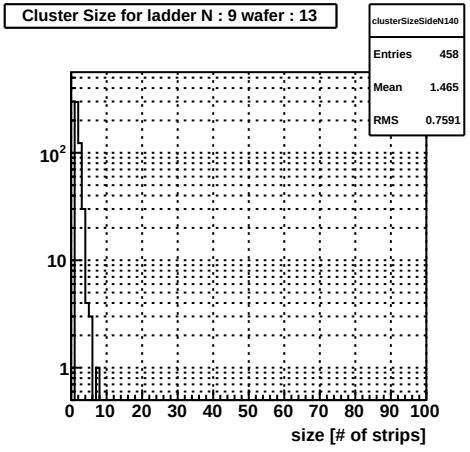

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3681
Mean 1.204
RMS 0.5451
size [# of strips]

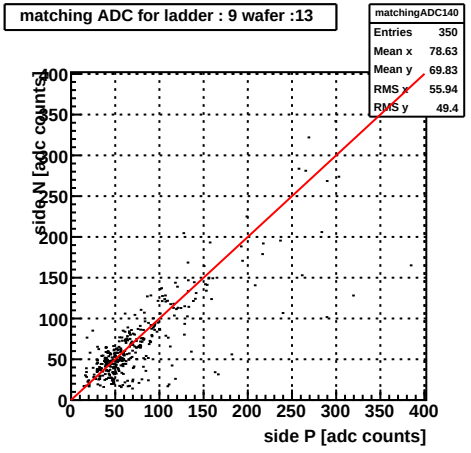

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 636
Mean x 74.42
Mean y 81.28
RMS x 62.83
RMS y 63.4
side N [adc counts]
side P [adc counts]

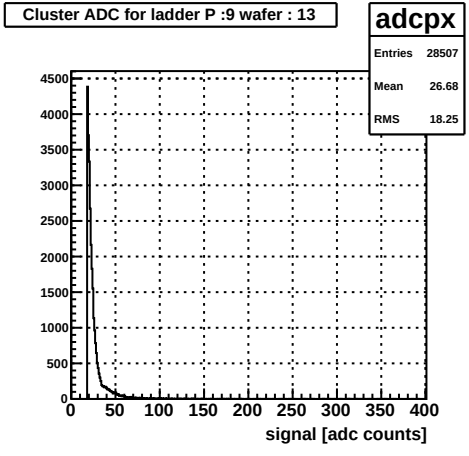

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4220
Mean 34.17
RMS 35.74
signal [adc counts]

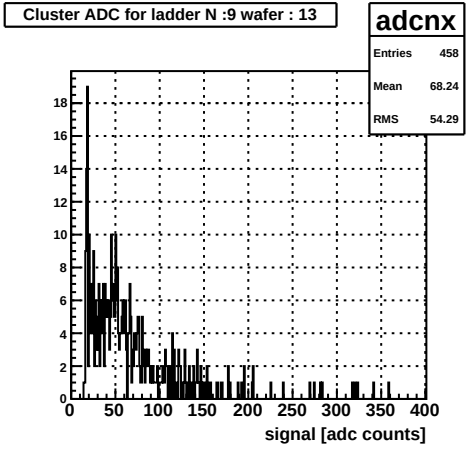

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3681
Mean 32.11
RMS 42.22
signal [adc counts]

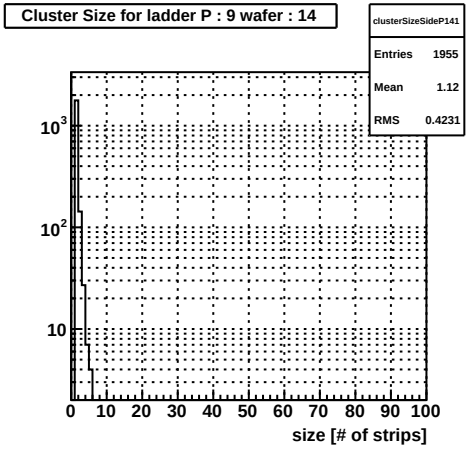

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 28507
Mean 1.069
RMS 0.287
size [# of strips]

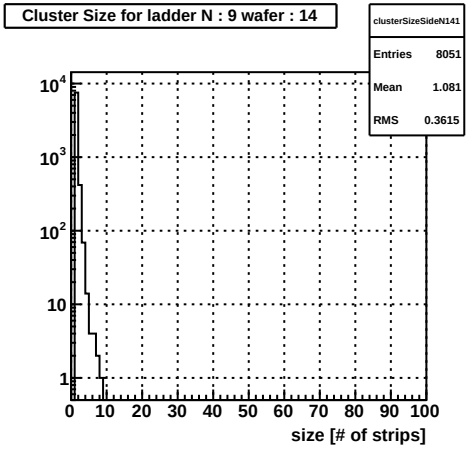

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 458
Mean 1.465
RMS 0.7591
size [# of strips]

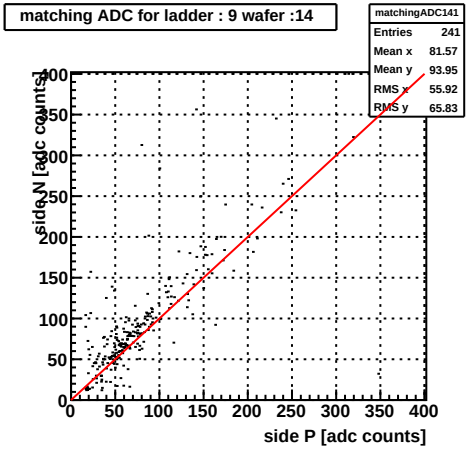

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 350
Mean x 78.63
Mean y 69.83
RMS x 55.94
RMS y 49.4
side N [adc counts]
side P [adc counts]

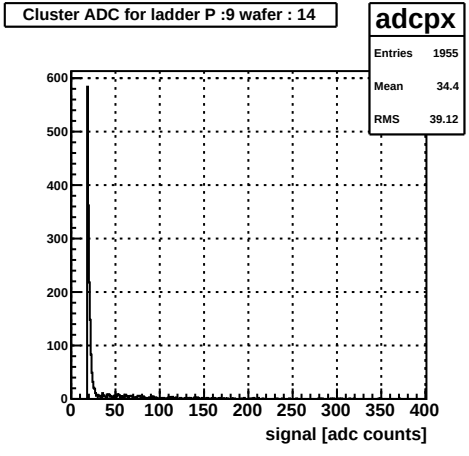

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 28507
Mean 26.68
RMS 18.25
signal [adc counts]

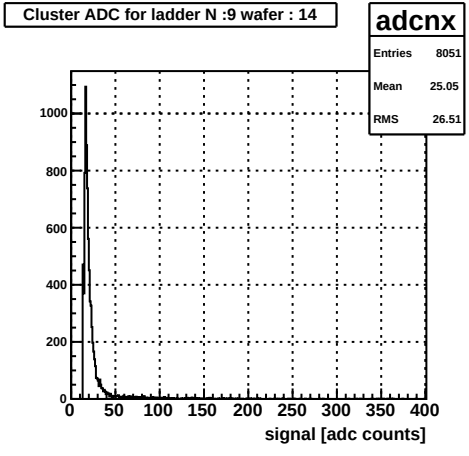

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 458
Mean 68.24
RMS 54.29
signal [adc counts]

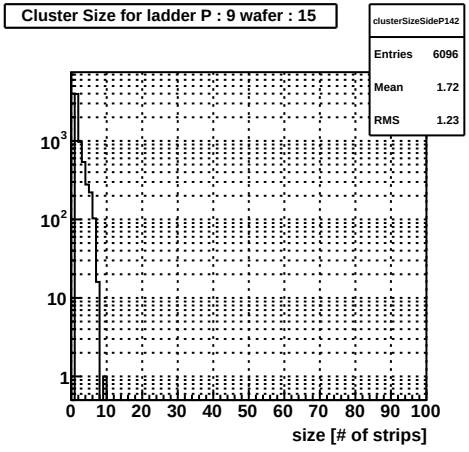

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1955
Mean 1.12
RMS 0.4231
size [# of strips]

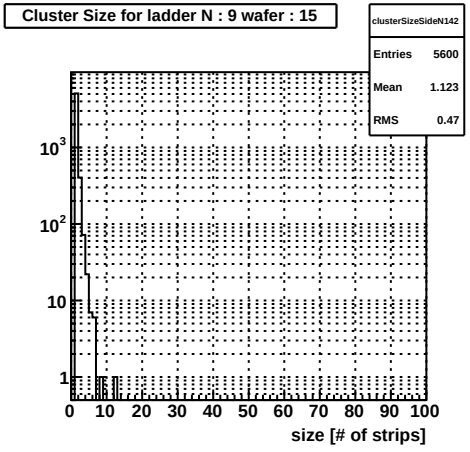

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 8051
Mean 1.081
RMS 0.3615
size [# of strips]

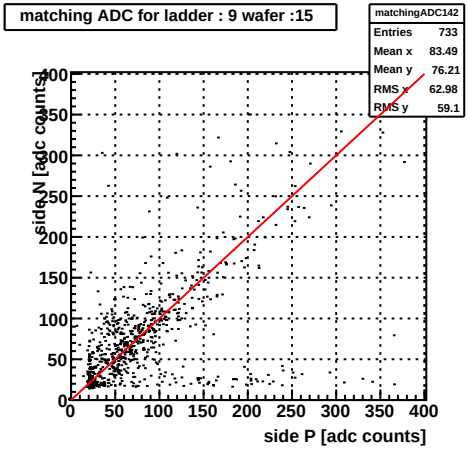

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 241
Mean x 81.57
Mean y 93.95
RMS x 55.92
RMS y 65.83
side N [adc counts]
side P [adc counts]

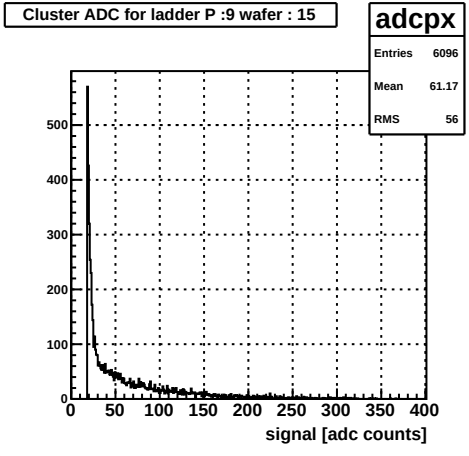

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1955
Mean 34.4
RMS 39.12
signal [adc counts]

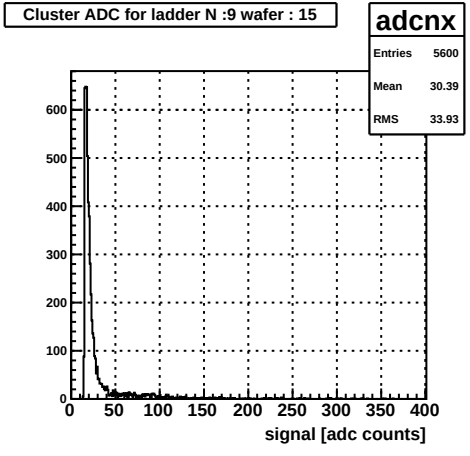

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 8051
Mean 25.05
RMS 26.51
signal [adc counts]

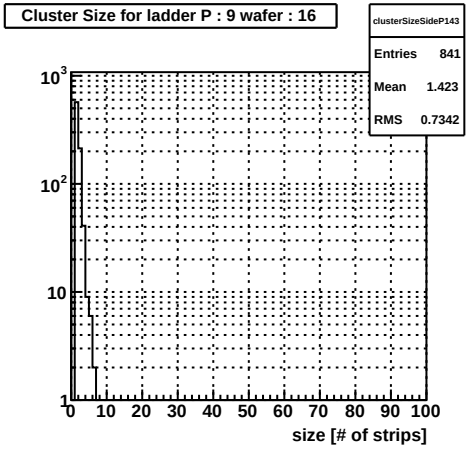

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 6096
Mean 1.72
RMS 1.23
size [# of strips]

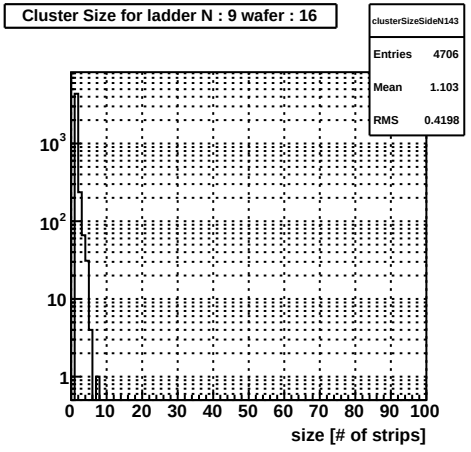

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 5600
Mean 1.123
RMS 0.47
size [# of strips]

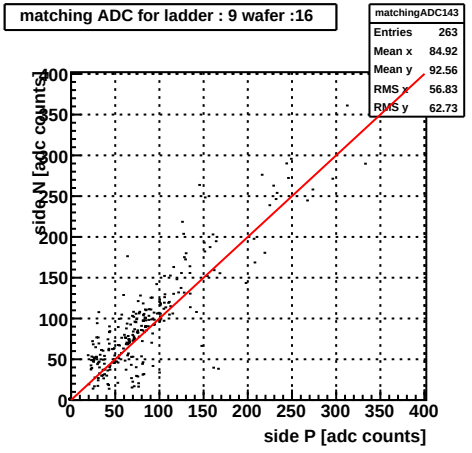

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 733
Mean x 83.49
Mean y 76.21
RMS x 62.98
RMS y 59.1
side N [adc counts]
side P [adc counts]

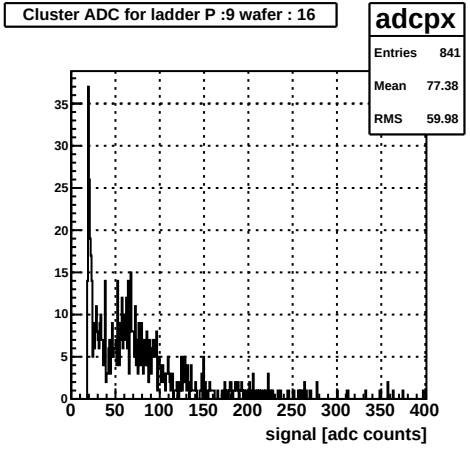

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 6096
Mean 61.17
RMS 56
signal [adc counts]

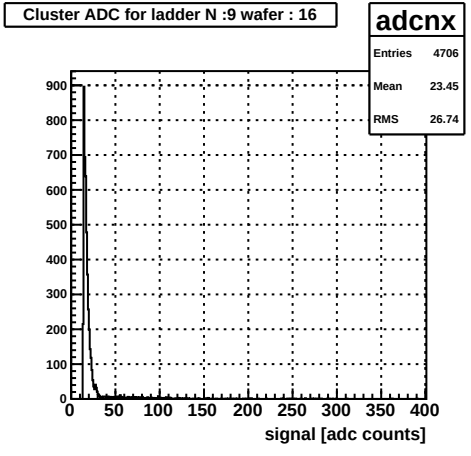

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 5600
Mean 30.39
RMS 33.93
signal [adc counts]

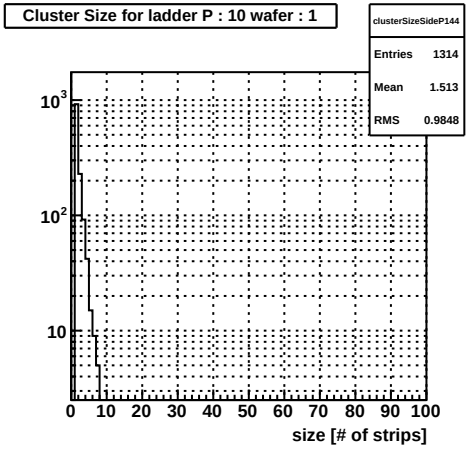

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 841
Mean 1.423
RMS 0.7342
size [# of strips]

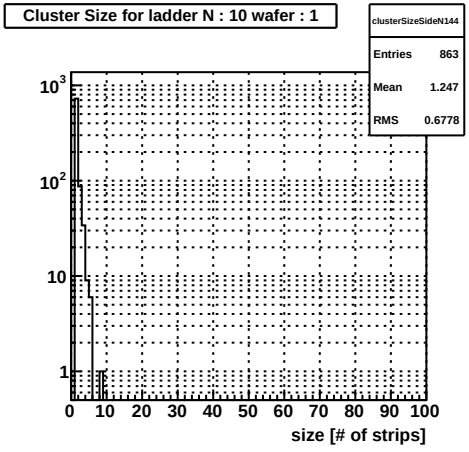

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4706
Mean 1.103
RMS 0.4198
size [# of strips]

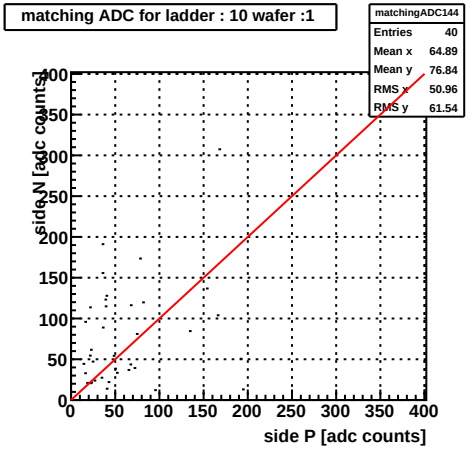

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 263
Mean x 84.92
Mean y 92.56
RMS x 56.83
RMS y 62.73
side N [adc counts]
side P [adc counts]

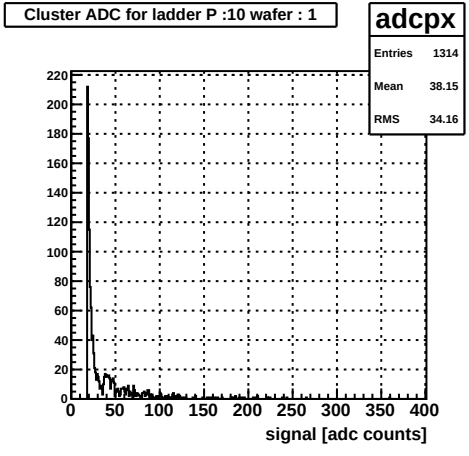

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 841
Mean 77.38
RMS 59.98
signal [adc counts]

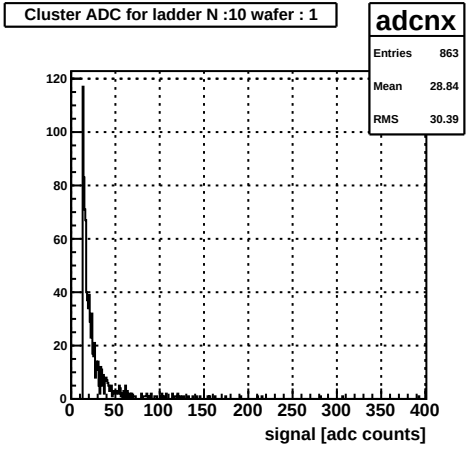

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4706
Mean 23.45
RMS 26.74
signal [adc counts]

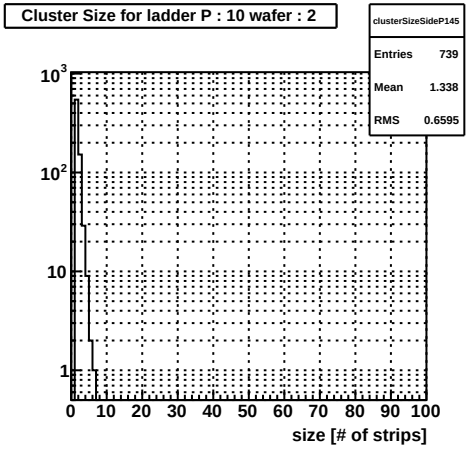

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1314
Mean 1.513
RMS 0.9848
size [# of strips]

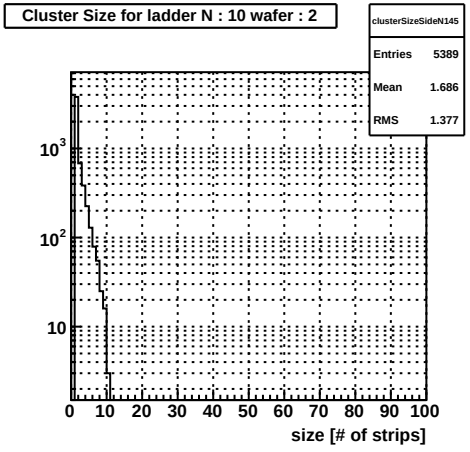

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 863
Mean 1.247
RMS 0.6778
size [# of strips]

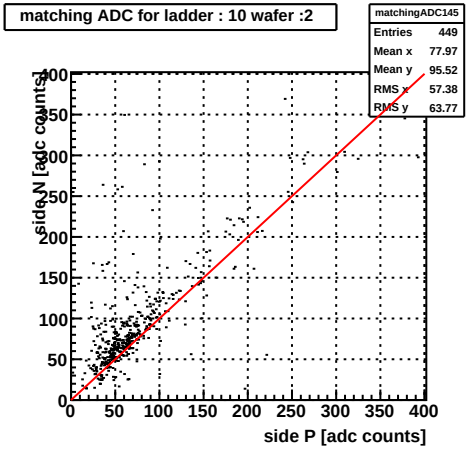

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 40
Mean x 64.89
Mean y 76.84
RMS x 50.96
RMS y 61.54
side N [adc counts]
side P [adc counts]

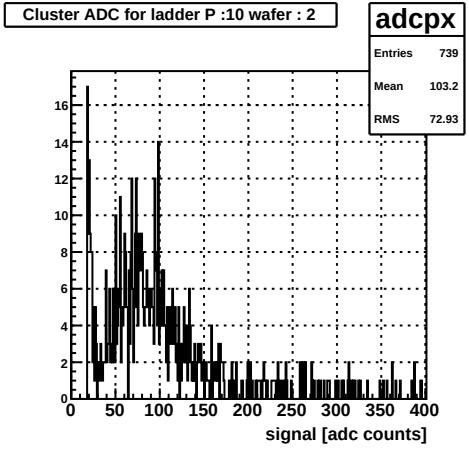

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1314
Mean 38.15
RMS 34.16
signal [adc counts]

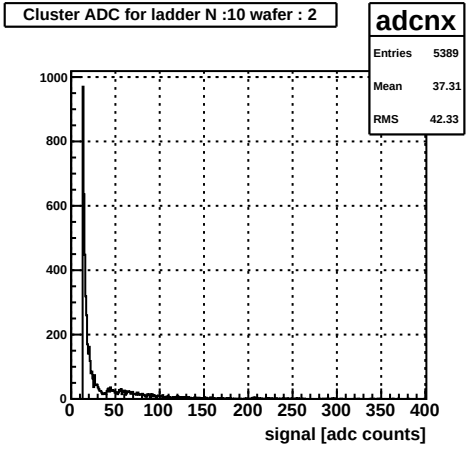

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 863
Mean 28.84
RMS 30.39
signal [adc counts]

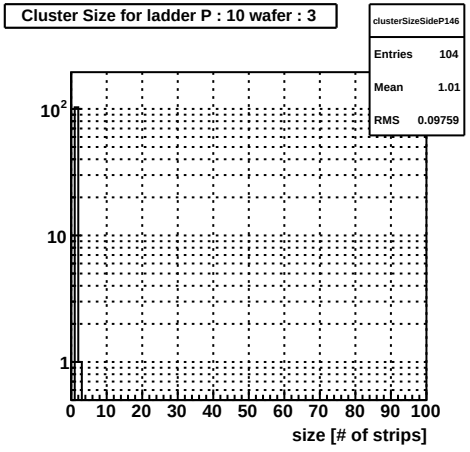

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 739
Mean 1.338
RMS 0.6595
size [# of strips]

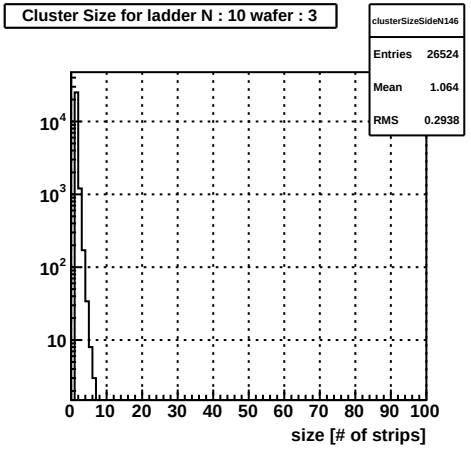

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 5389
Mean 1.686
RMS 1.377
size [# of strips]

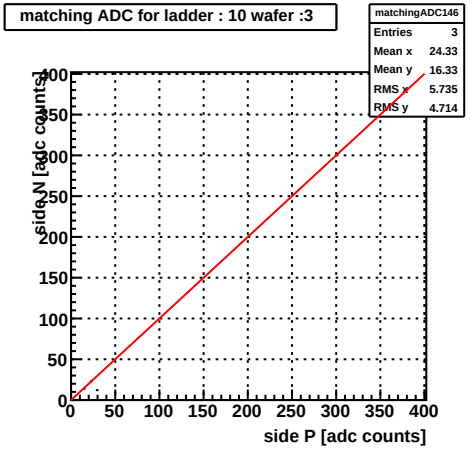

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 449
Mean x 77.97
Mean y 95.52
RMS x 57.38
RMS y 63.77
side N [adc counts]
side P [adc counts]

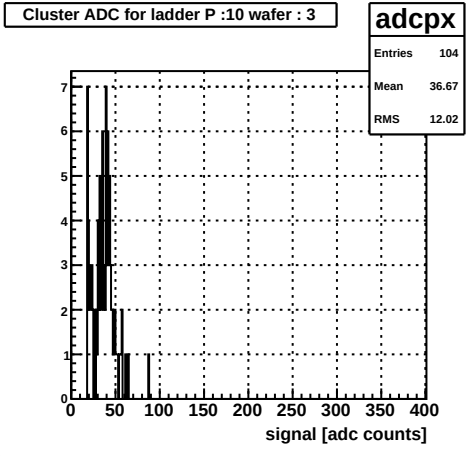

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 739
Mean 103.2
RMS 72.93
signal [adc counts]

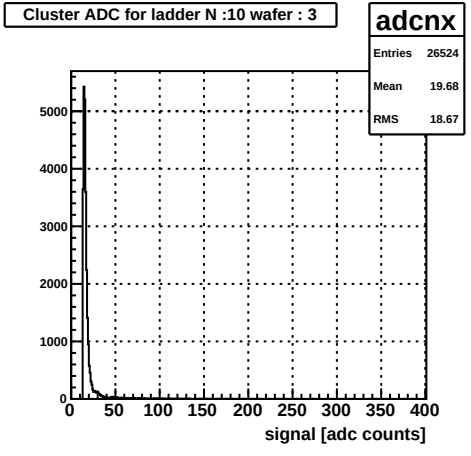

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 5389
Mean 37.31
RMS 42.33
signal [adc counts]

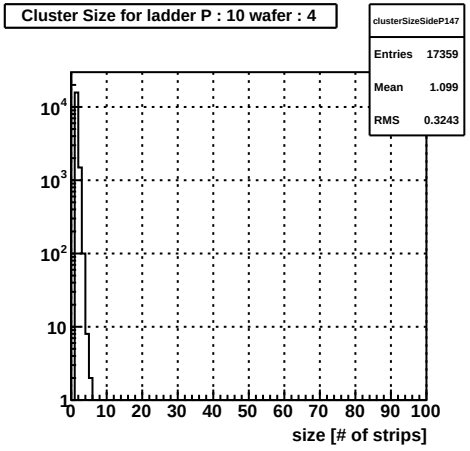

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 104
Mean 1.01
RMS 0.09759
size [# of strips]

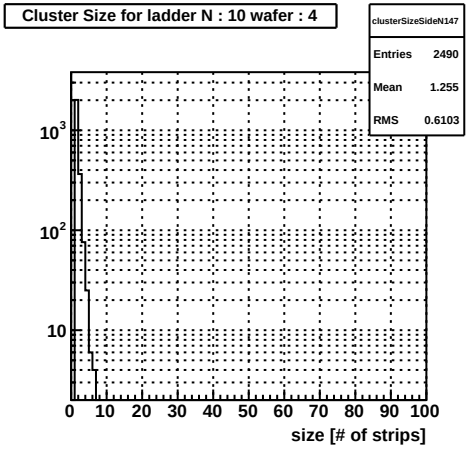

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 26524
Mean 1.064
RMS 0.2938
size [# of strips]

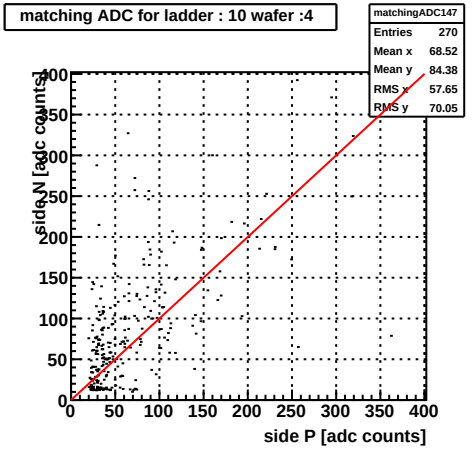

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 24.33
Mean y 16.33
RMS x 5.735
RMS y 4.714
side N [adc counts]
side P [adc counts]

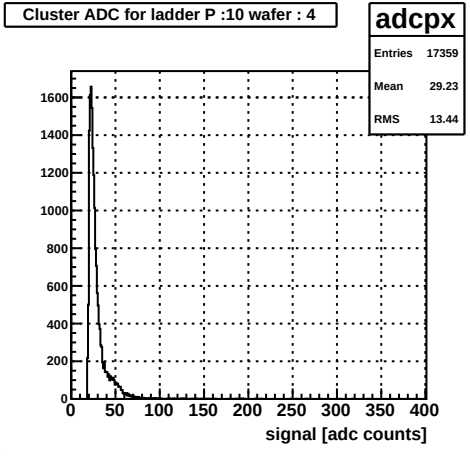

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 104
Mean 36.67
RMS 12.02
signal [adc counts]

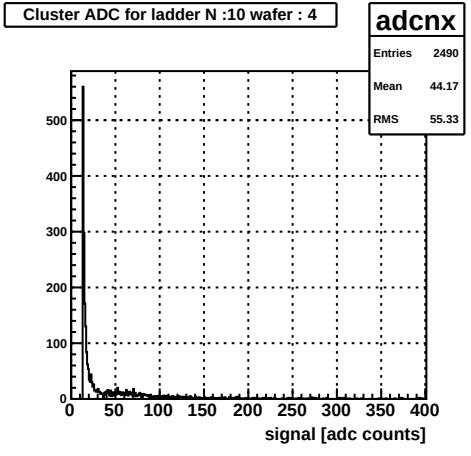

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 26524
Mean 19.68
RMS 18.67
signal [adc counts]

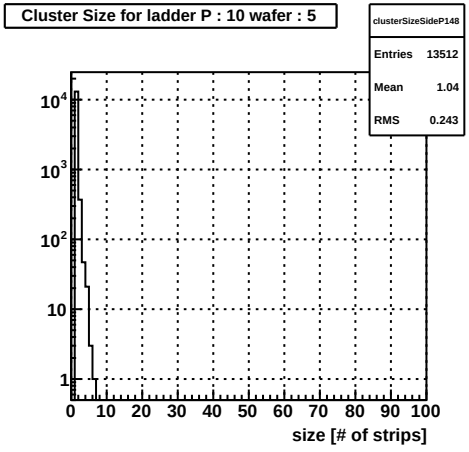

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 17359
Mean 1.099
RMS 0.3243
size [# of strips]

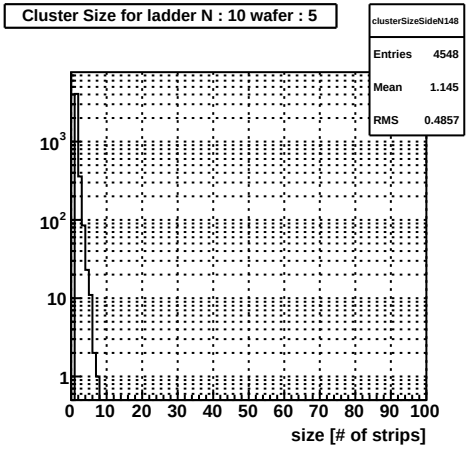

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2490
Mean 1.255
RMS 0.6103
size [# of strips]

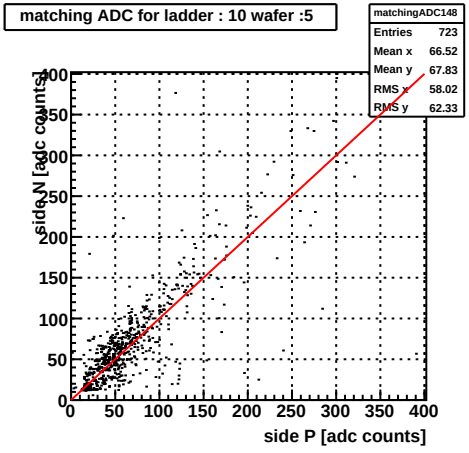

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 270
Mean x 68.52
Mean y 84.38
RMS x 57.65
RMS y 70.05
side N [adc counts]
side P [adc counts]

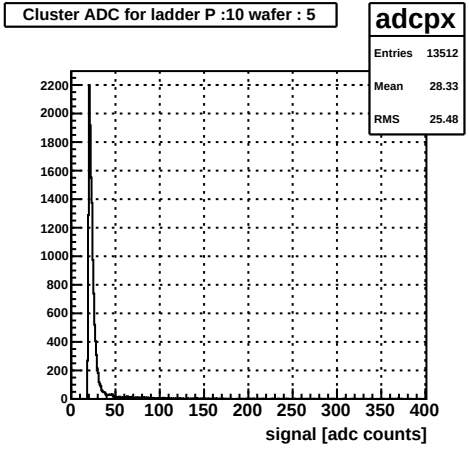

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 17359
Mean 29.23
RMS 13.44
signal [adc counts]

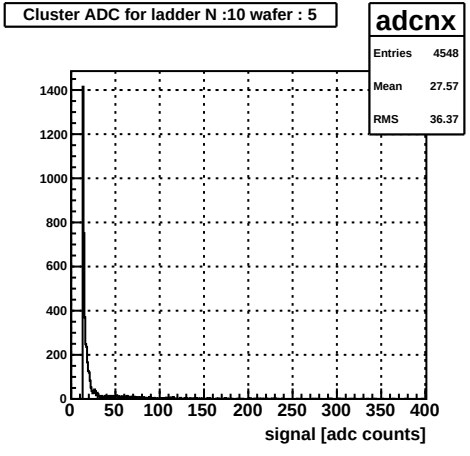

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2490
Mean 44.17
RMS 55.33
signal [adc counts]

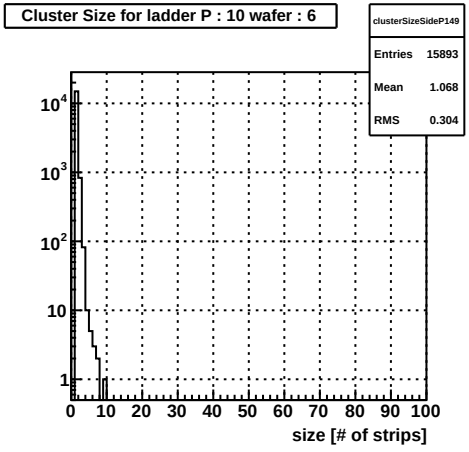

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 13512
Mean 1.04
RMS 0.243
size [# of strips]

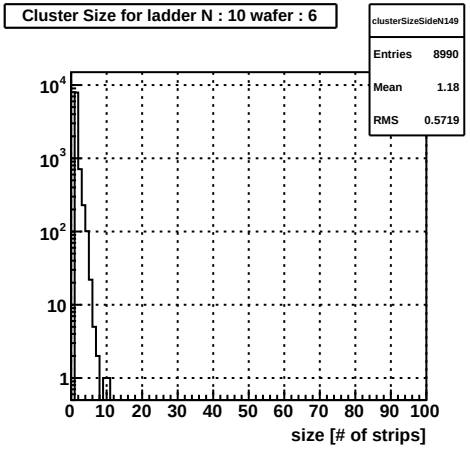

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 4548
Mean 1.145
RMS 0.4857
size [# of strips]

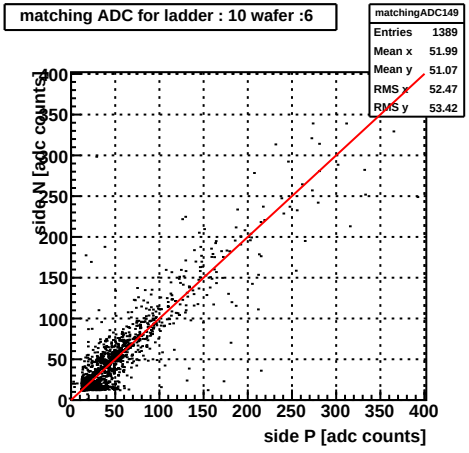

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 723
Mean x 66.52
Mean y 67.83
RMS x 58.02
RMS y 62.33
side N [adc counts]
side P [adc counts]

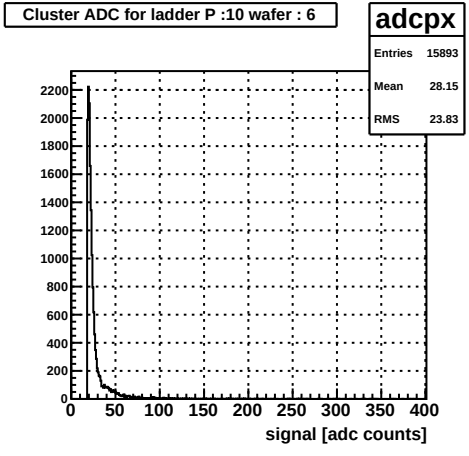

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 13512
Mean 28.33
RMS 25.48
signal [adc counts]

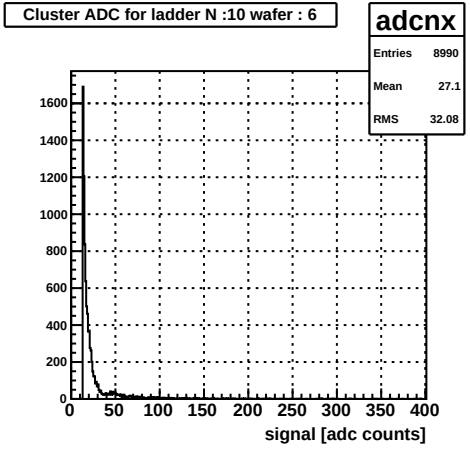

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 4548
Mean 27.57
RMS 36.37
signal [adc counts]

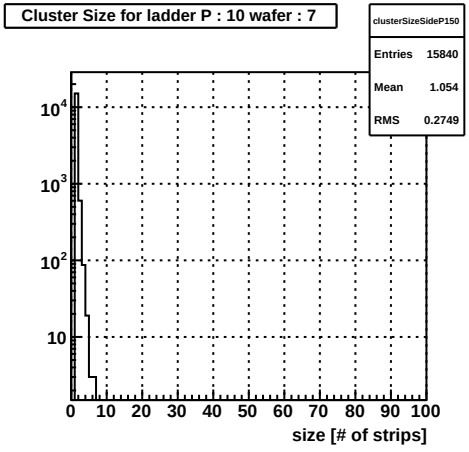

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 15893
Mean 1.068
RMS 0.304
size [# of strips]

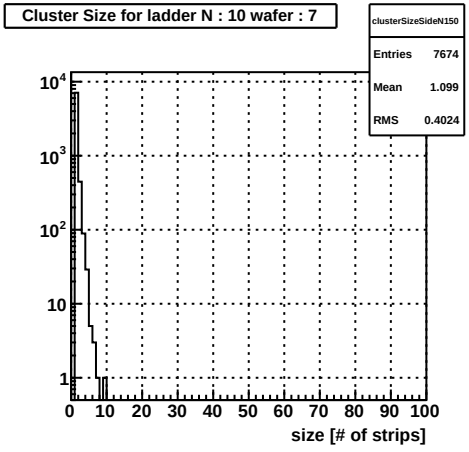

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 8990
Mean 1.18
RMS 0.5719
size [# of strips]

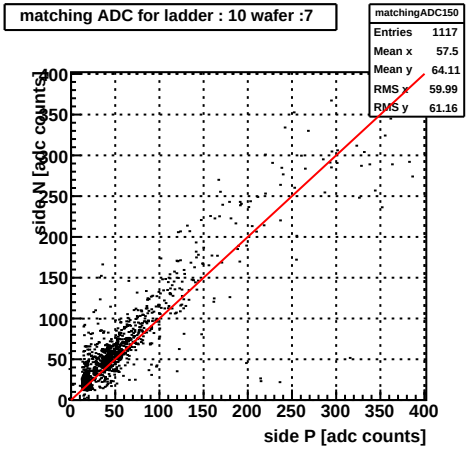

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1389
Mean x 51.99
Mean y 51.07
RMS x 52.47
RMS y 53.42
side N [adc counts]
side P [adc counts]

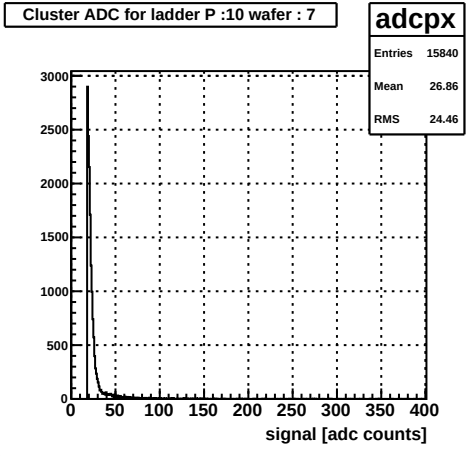

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 15893
Mean 28.15
RMS 23.83
signal [adc counts]

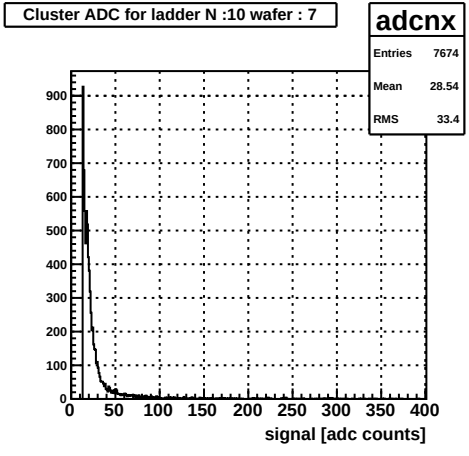

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 8990
Mean 27.1
RMS 32.08
signal [adc counts]

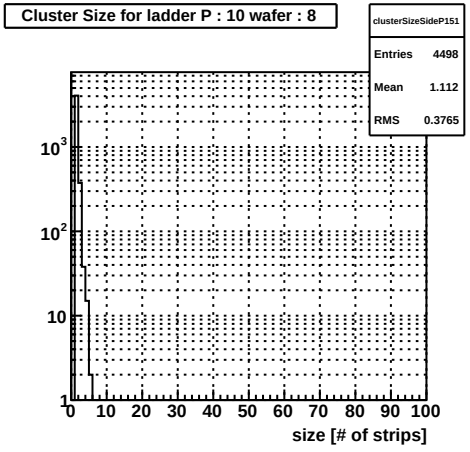

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 15840
Mean 1.054
RMS 0.2749
size [# of strips]

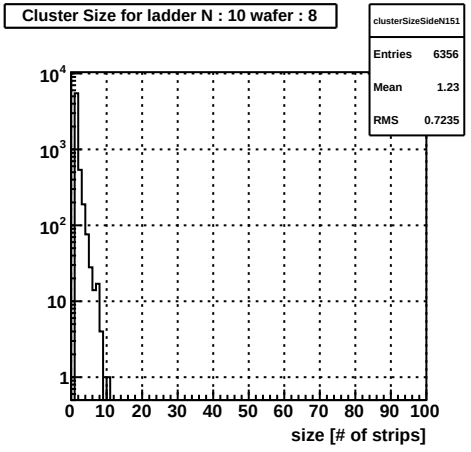

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 7674
Mean 1.099
RMS 0.4024
size [# of strips]

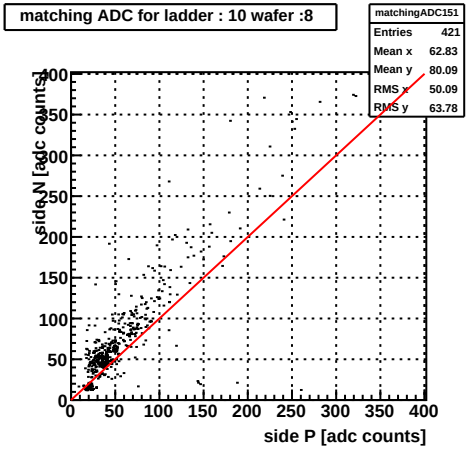

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1117
Mean x 57.5
Mean y 64.11
RMS x 59.99
RMS y 61.16
side N [adc counts]
side P [adc counts]

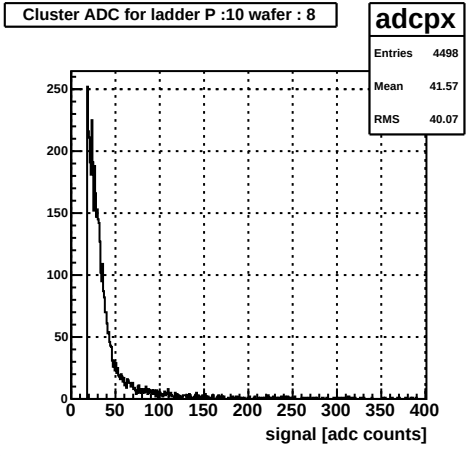

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 15840
Mean 26.86
RMS 24.46
signal [adc counts]

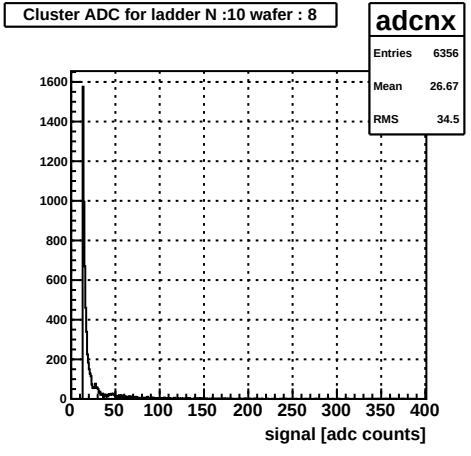

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 7674
Mean 28.54
RMS 33.4
signal [adc counts]

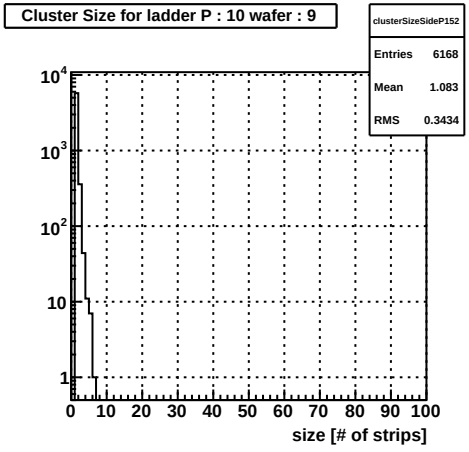

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 4498
Mean 1.112
RMS 0.3765
size [# of strips]

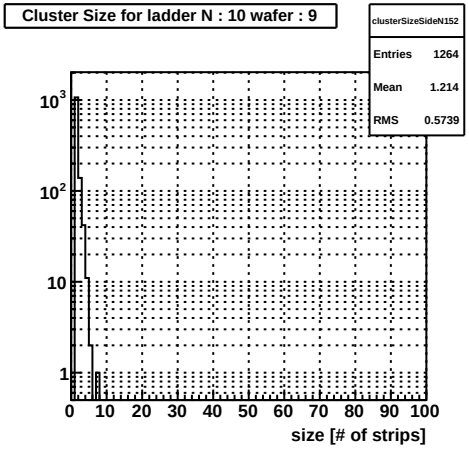

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 6356
Mean 1.23
RMS 0.7235
size [# of strips]

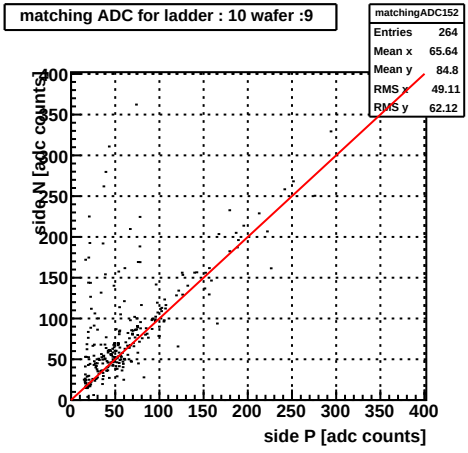

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 421
Mean x 62.83
Mean y 80.09
RMS x 50.09
RMS y 63.78
side N [adc counts]
side P [adc counts]

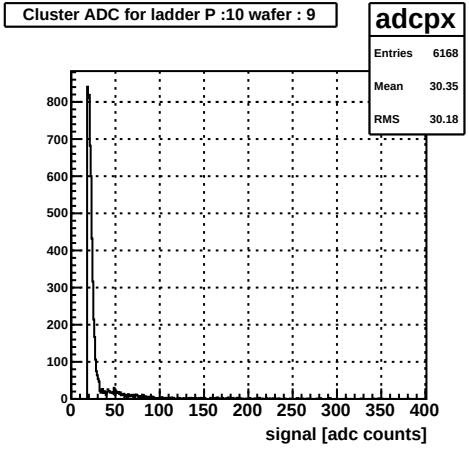

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 4498
Mean 41.57
RMS 40.07
signal [adc counts]

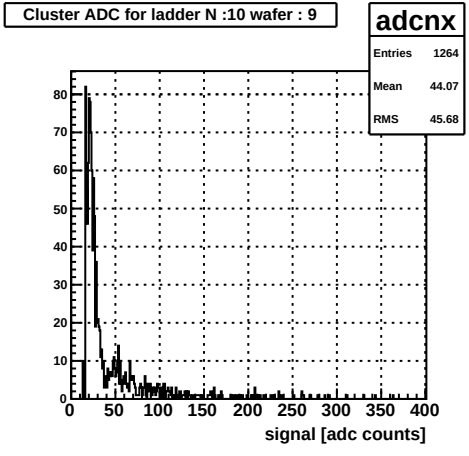

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 6356
Mean 26.67
RMS 34.5
signal [adc counts]

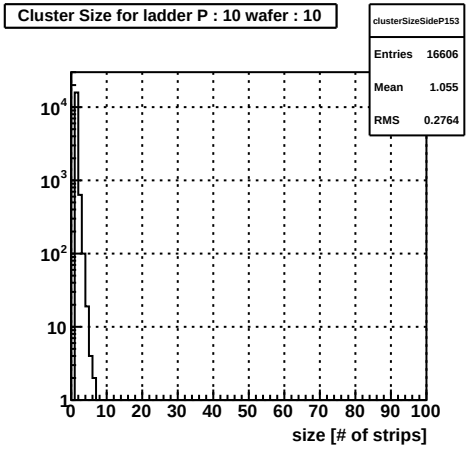

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 6168
Mean 1.083
RMS 0.3434
size [# of strips]

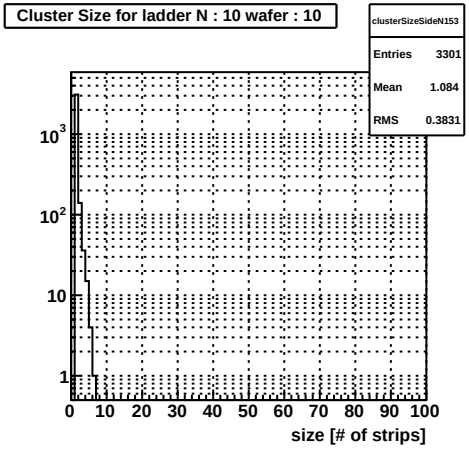

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1264
Mean 1.214
RMS 0.5739
size [# of strips]

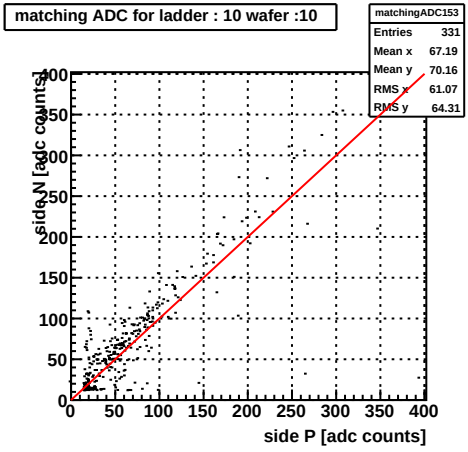

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 264
Mean x 65.64
Mean y 84.8
RMS x 49.11
RMS y 62.12
side N [adc counts]
side P [adc counts]

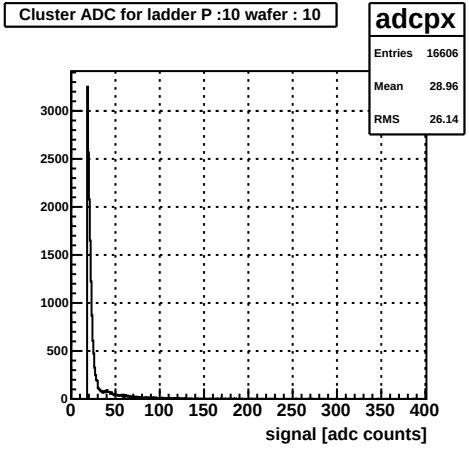

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 6168
Mean 30.35
RMS 30.18
signal [adc counts]

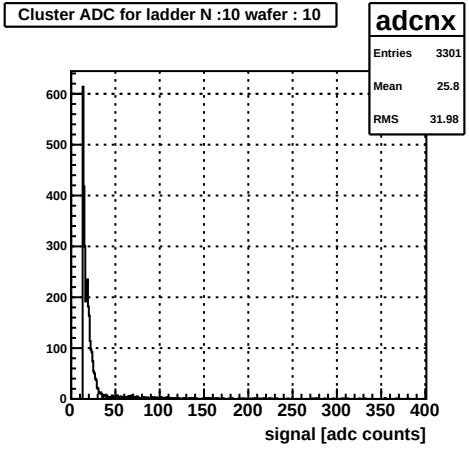

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1264
Mean 44.07
RMS 45.68
signal [adc counts]

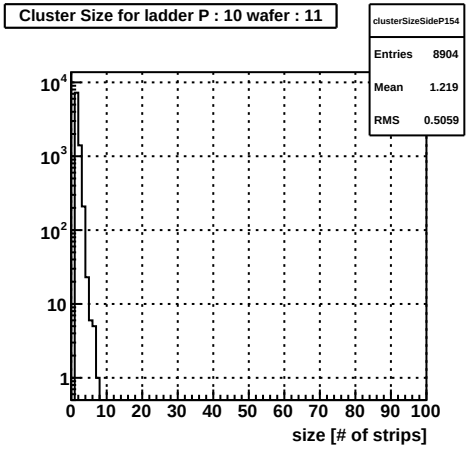

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 16606
Mean 1.055
RMS 0.2764
size [# of strips]

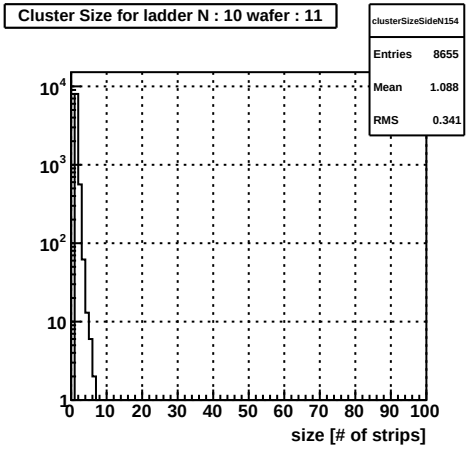

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 3301
Mean 1.084
RMS 0.3831
size [# of strips]

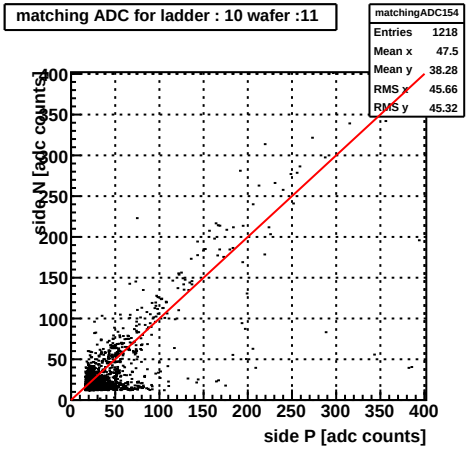

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 331
Mean x 67.19
Mean y 70.16
RMS x 61.07
RMS y 64.31
side N [adc counts]
side P [adc counts]

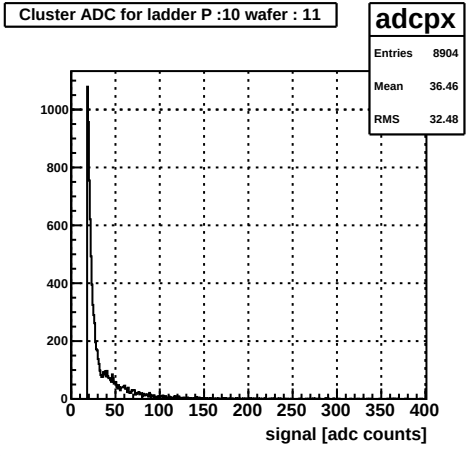

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 16606
Mean 28.96
RMS 26.14
signal [adc counts]

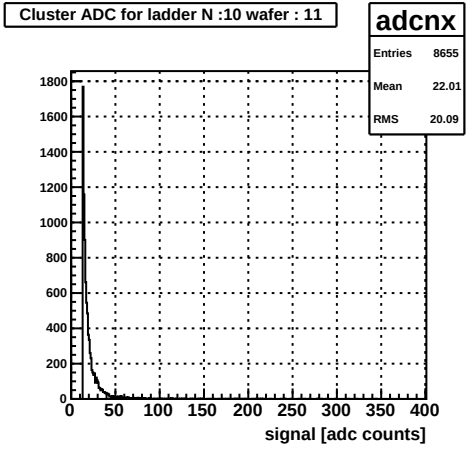

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 3301
Mean 25.8
RMS 31.98
signal [adc counts]

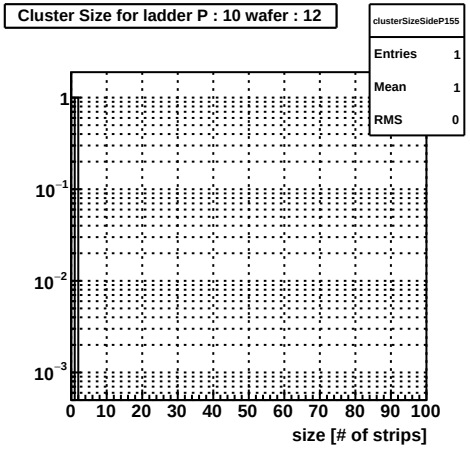

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 8904
Mean 1.219
RMS 0.5059
size [# of strips]

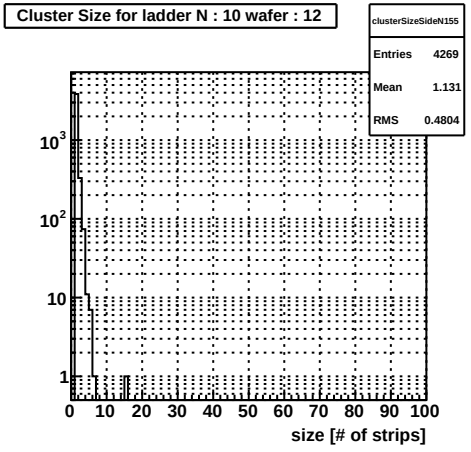

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 8655
Mean 1.088
RMS 0.341
size [# of strips]

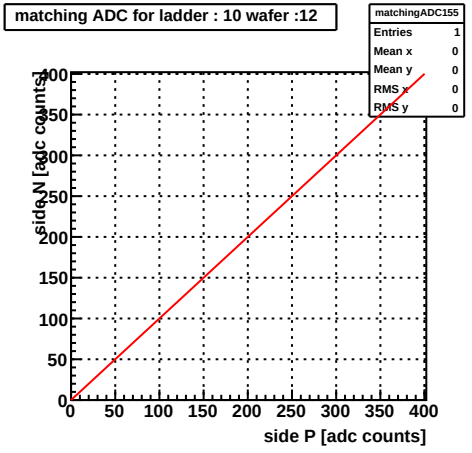

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1218
Mean x 47.5
Mean y 38.28
RMS x 45.66
RMS y 45.32
side N [adc counts]
side P [adc counts]

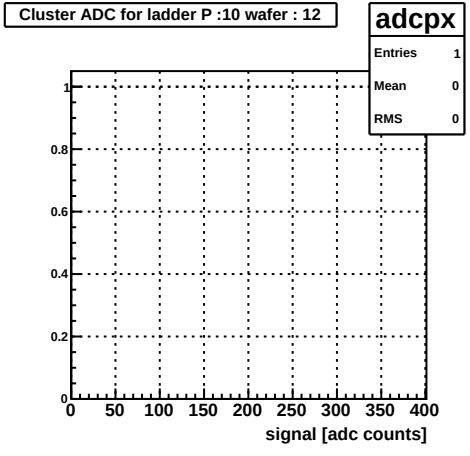

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 8904
Mean 36.46
RMS 32.48
signal [adc counts]

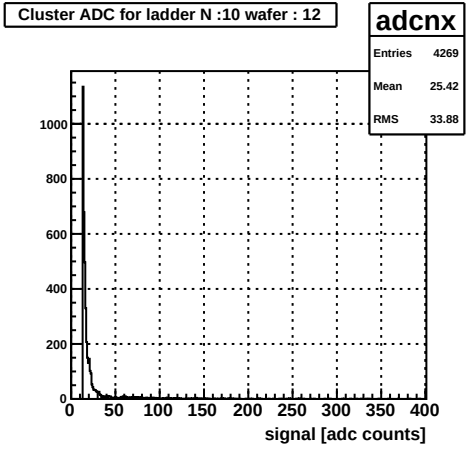

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 8655
Mean 22.01
RMS 20.09
signal [adc counts]

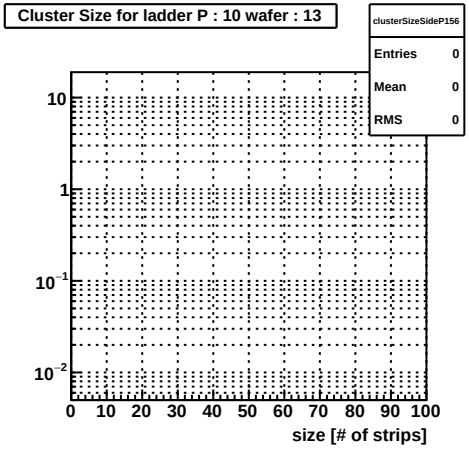

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

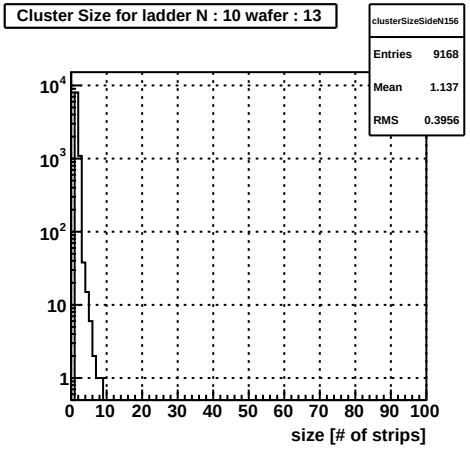

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 4269
Mean 1.131
RMS 0.4804
size [# of strips]

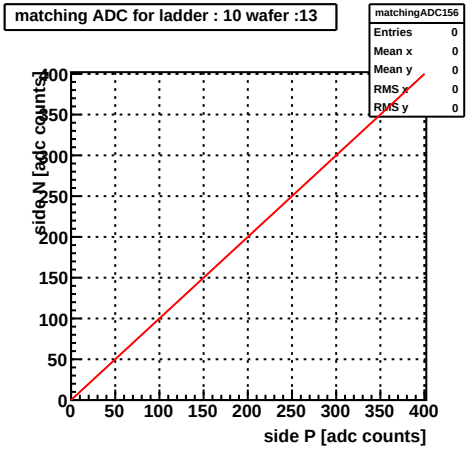

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

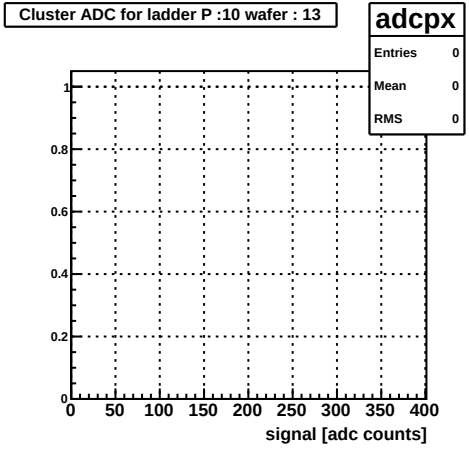

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

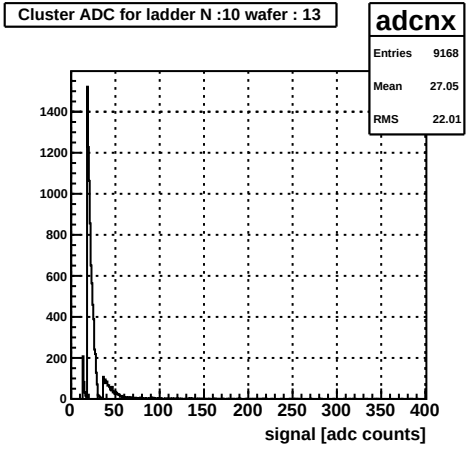

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 4269
Mean 25.42
RMS 33.88
signal [adc counts]

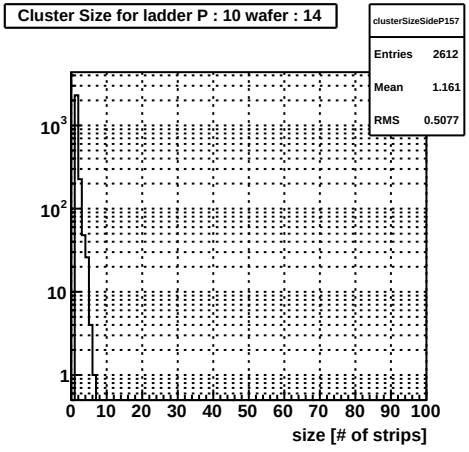

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

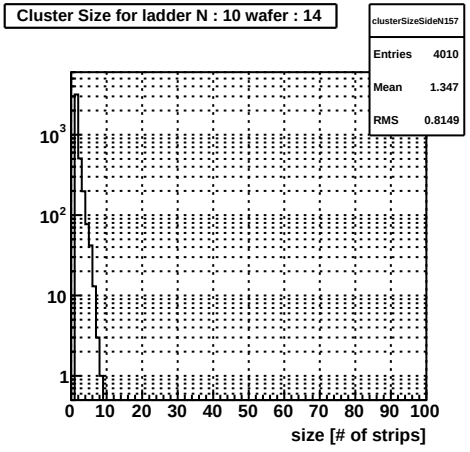

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 9168
Mean 1.137
RMS 0.3956
size [# of strips]

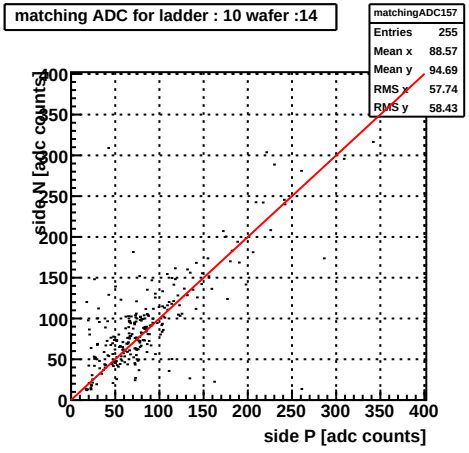

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

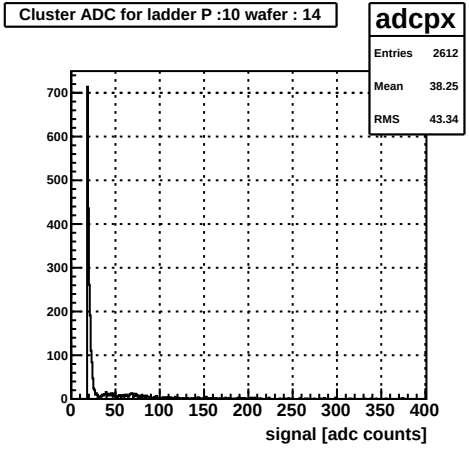

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

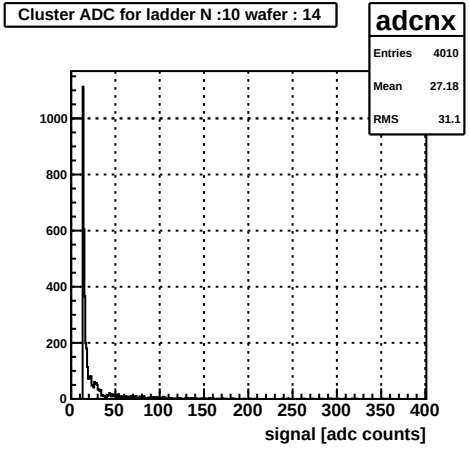

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 9168
Mean 27.05
RMS 22.01
signal [adc counts]

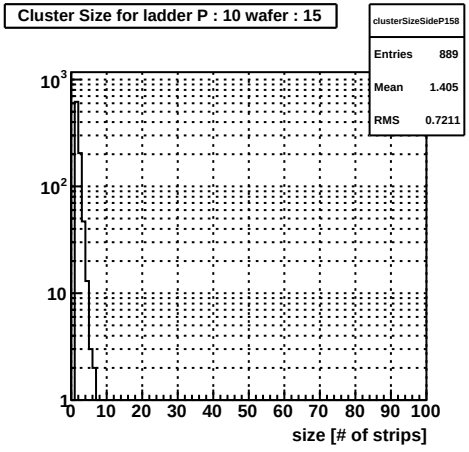

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2612
Mean 1.161
RMS 0.5077
size [# of strips]

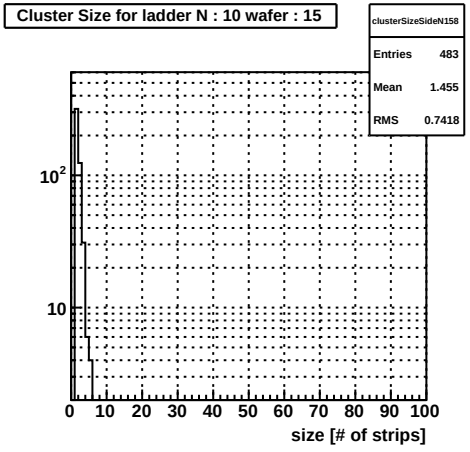

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 4010
Mean 1.347
RMS 0.8149
size [# of strips]

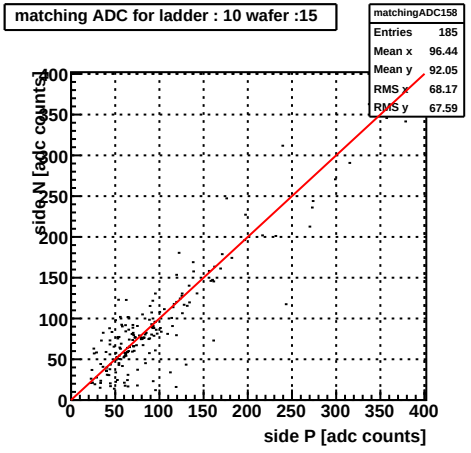

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 255
Mean x 88.57
Mean y 94.69
RMS x 57.74
RMS y 58.43
side N [adc counts]
side P [adc counts]

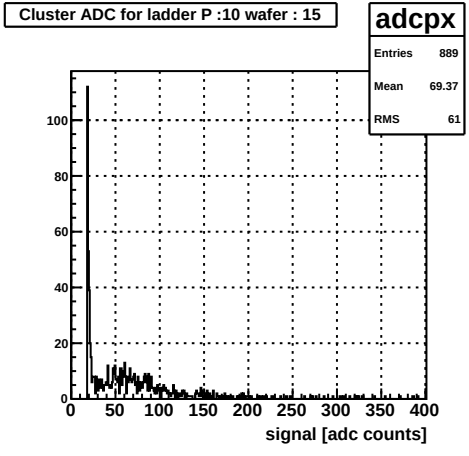

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2612
Mean 38.25
RMS 43.34
signal [adc counts]

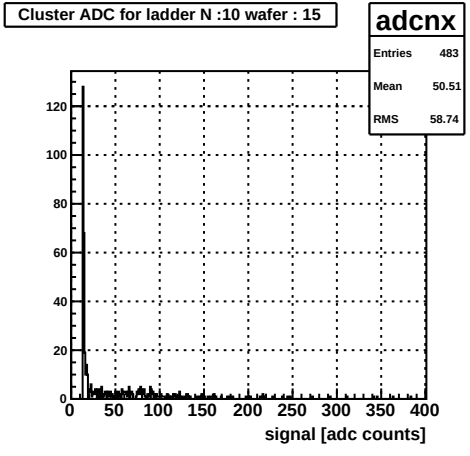

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 4010
Mean 27.18
RMS 31.1
signal [adc counts]

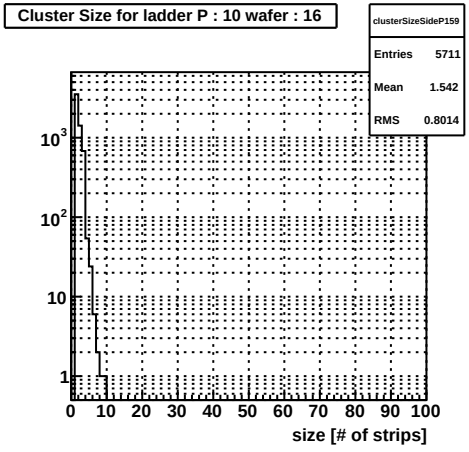

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 889
Mean 1.405
RMS 0.7211
size [# of strips]

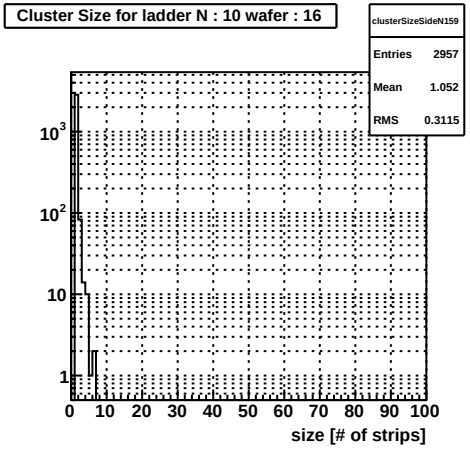

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 483
Mean 1.455
RMS 0.7418
size [# of strips]

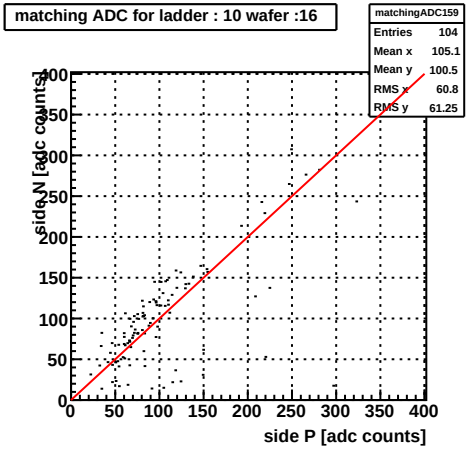

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 185
Mean x 96.44
Mean y 92.05
RMS x 68.17
RMS y 67.59
side N [adc counts]
side P [adc counts]

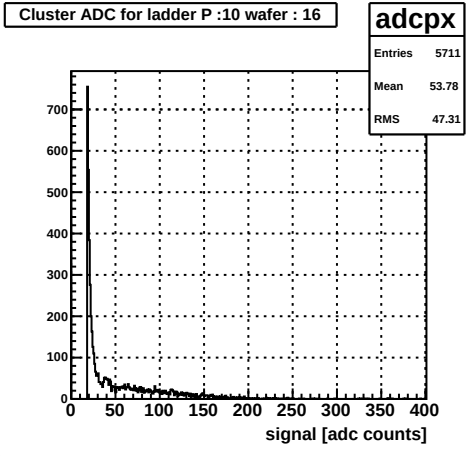

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 889
Mean 69.37
RMS 61
signal [adc counts]

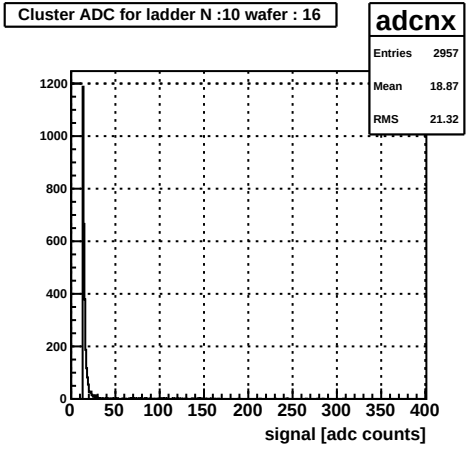

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 483
Mean 50.51
RMS 58.74
signal [adc counts]

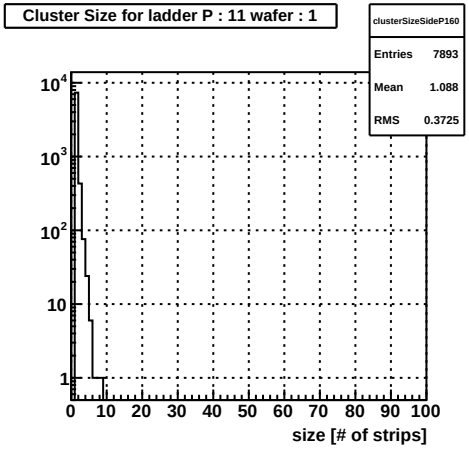

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 5711
Mean 1.542
RMS 0.8014
size [# of strips]

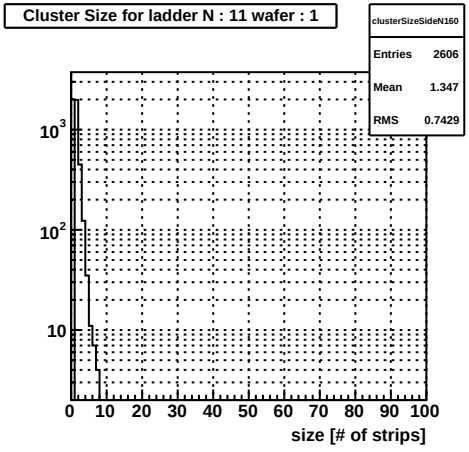

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2957
Mean 1.052
RMS 0.3115
size [# of strips]

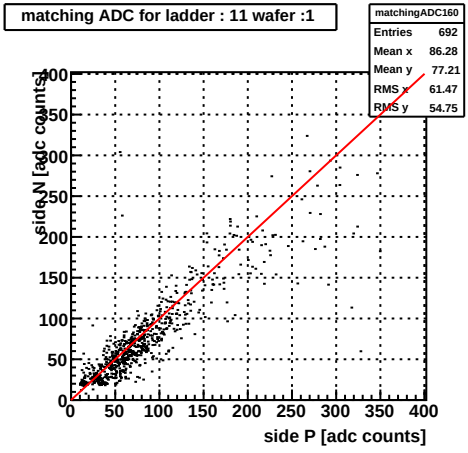

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 104
Mean x 105.1
Mean y 100.5
RMS x 60.8
RMS y 61.25
side N [adc counts]
side P [adc counts]

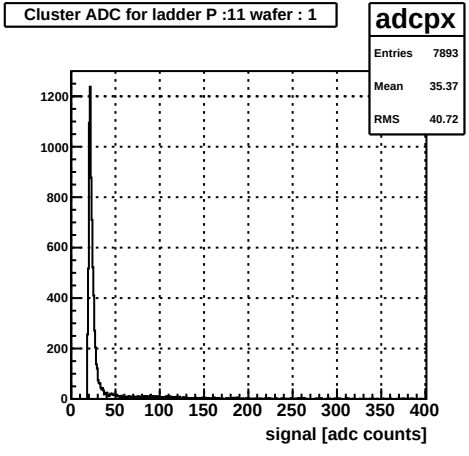

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 5711
Mean 53.78
RMS 47.31
signal [adc counts]

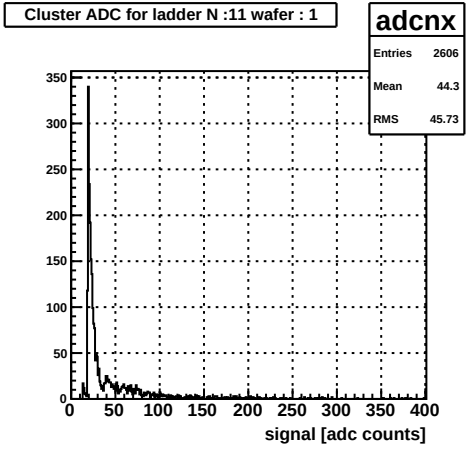

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2957
Mean 18.87
RMS 21.32
signal [adc counts]

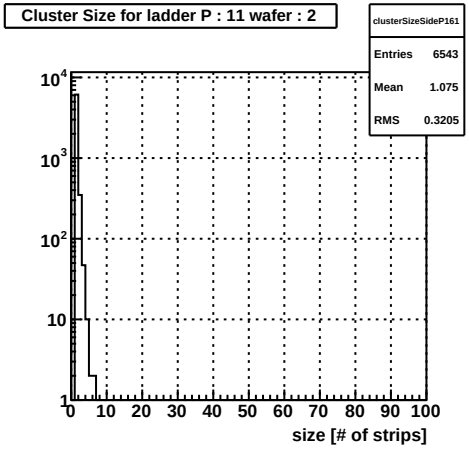

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 7893
Mean 1.088
RMS 0.3725
size [# of strips]

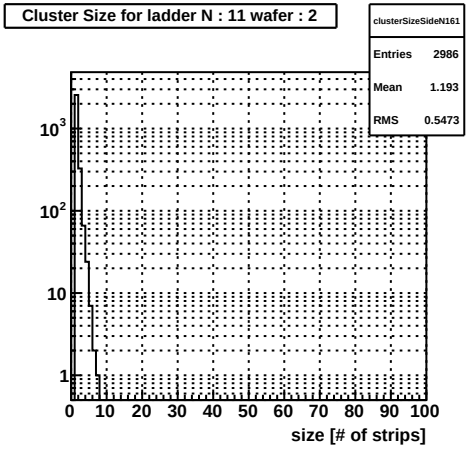

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2606
Mean 1.347
RMS 0.7429
size [# of strips]

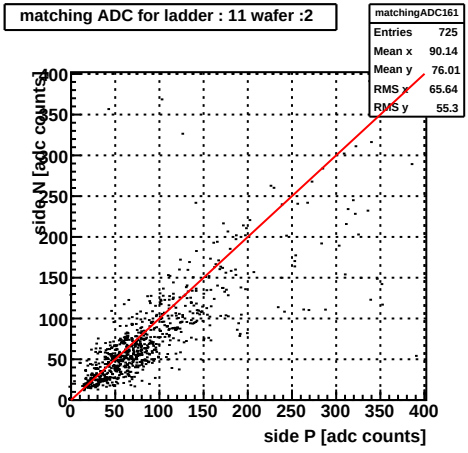

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 692
Mean x 86.28
Mean y 77.21
RMS x 61.47
RMS y 54.75
side N [adc counts]
side P [adc counts]

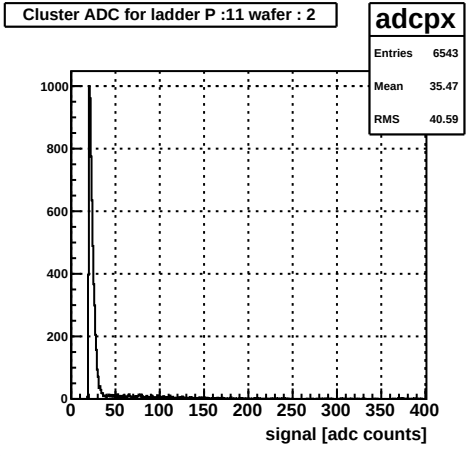

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 7893
Mean 35.37
RMS 40.72
signal [adc counts]

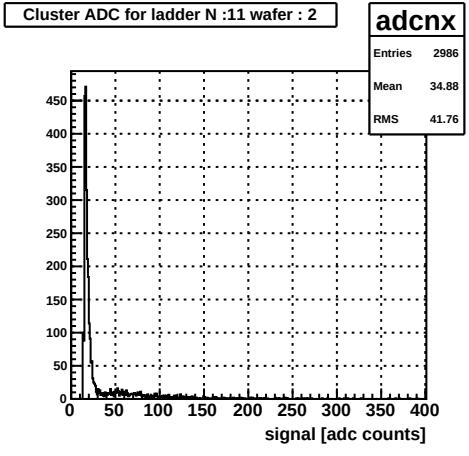

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2606
Mean 44.3
RMS 45.73
signal [adc counts]

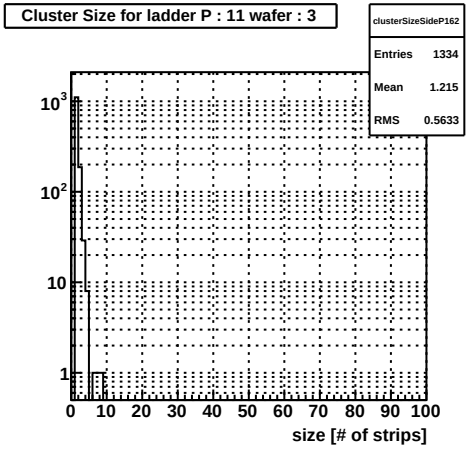

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 6543
Mean 1.075
RMS 0.3205
size [# of strips]

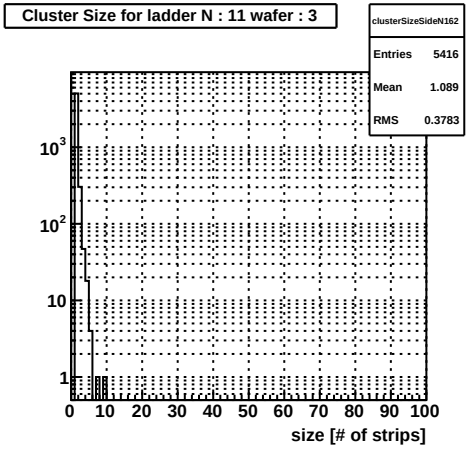

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2986
Mean 1.193
RMS 0.5473
size [# of strips]

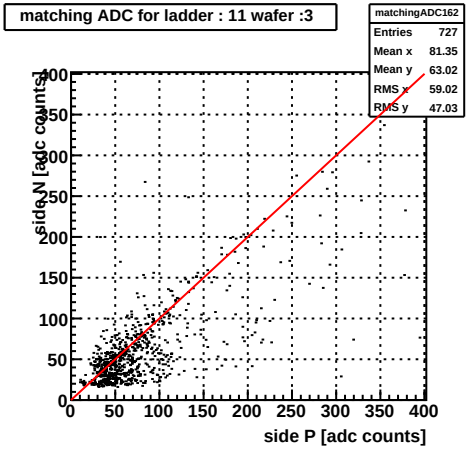

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 725
Mean x 90.14
Mean y 76.01
RMS x 65.64
RMS y 55.3
side N [adc counts]
side P [adc counts]

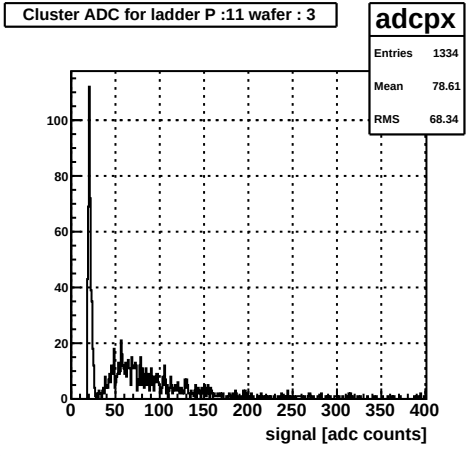

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 6543
Mean 35.47
RMS 40.59
signal [adc counts]

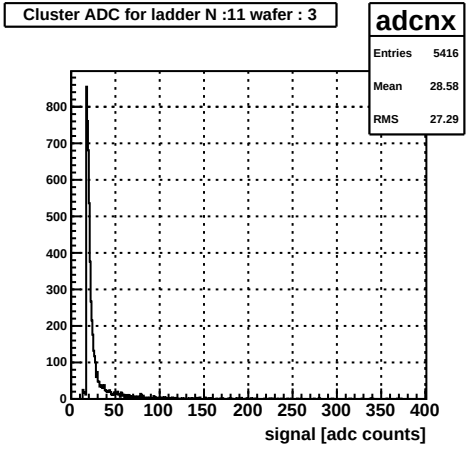

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2986
Mean 34.88
RMS 41.76
signal [adc counts]

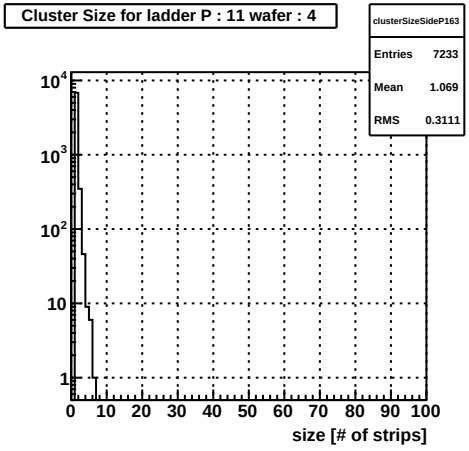

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1334
Mean 1.215
RMS 0.5633
size [# of strips]

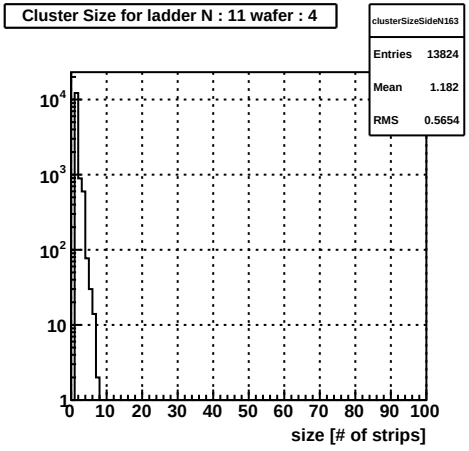

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5416
Mean 1.089
RMS 0.3783
size [# of strips]

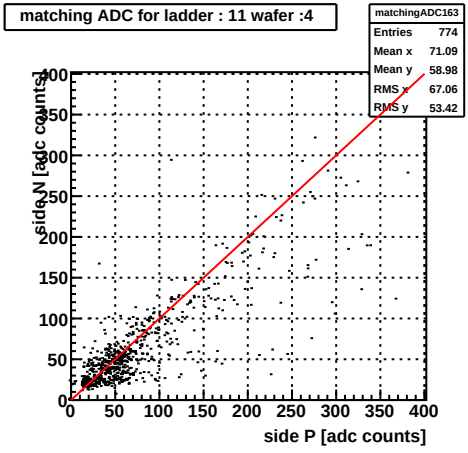

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 727
Mean x 81.35
Mean y 63.02
RMS x 59.02
RMS y 47.03
side N [adc counts]
side P [adc counts]

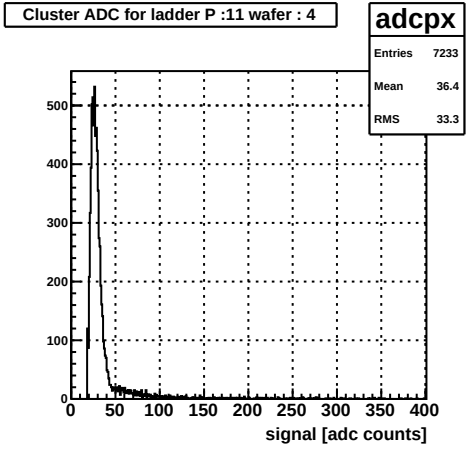

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1334
Mean 78.61
RMS 68.34
signal [adc counts]

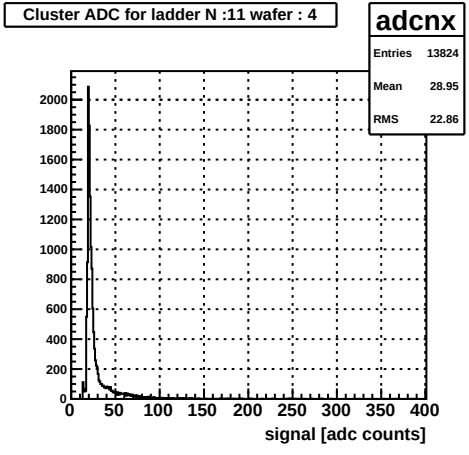

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5416
Mean 28.58
RMS 27.29
signal [adc counts]

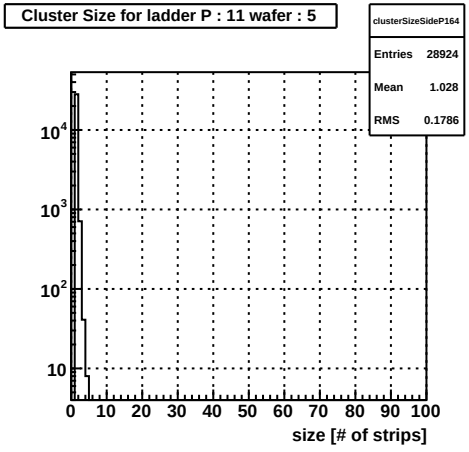

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 7233
Mean 1.069
RMS 0.3111
size [# of strips]

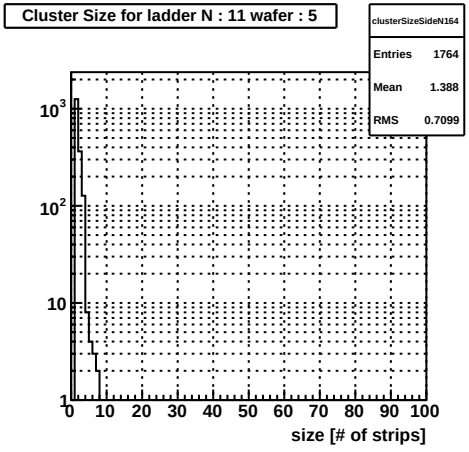

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 13824
Mean 1.182
RMS 0.5654
size [# of strips]

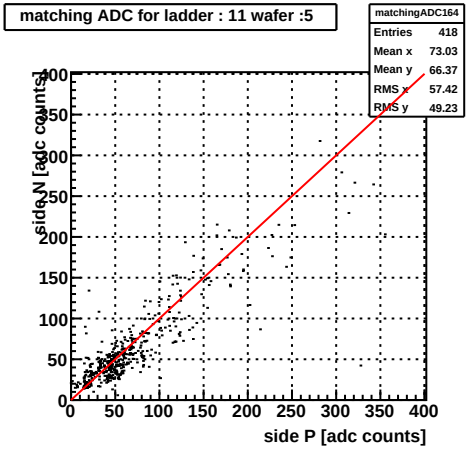

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 774
Mean x 71.09
Mean y 58.98
RMS x 67.06
RMS y 53.42
side N [adc counts]
side P [adc counts]

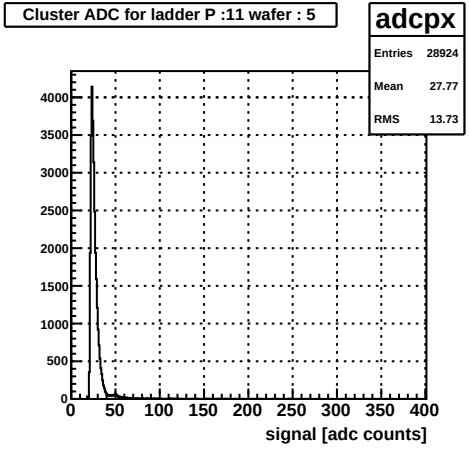

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 7233
Mean 36.4
RMS 33.3
signal [adc counts]

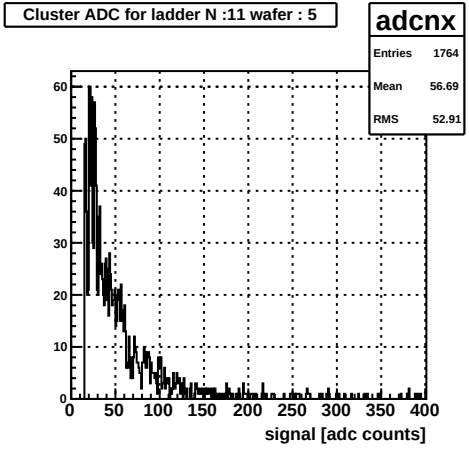

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 13824
Mean 28.95
RMS 22.86
signal [adc counts]

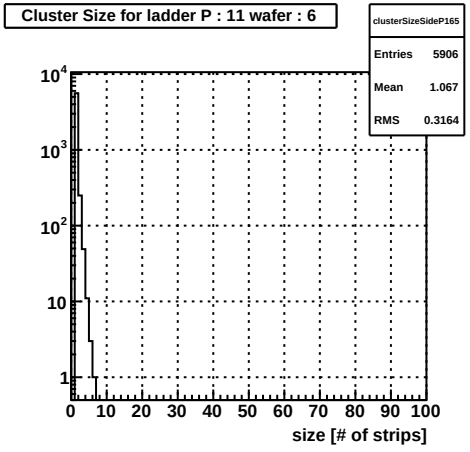

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 28924
Mean 1.028
RMS 0.1786
size [# of strips]

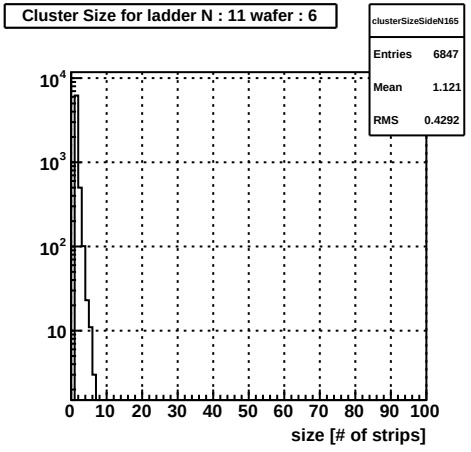

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1764
Mean 1.388
RMS 0.7099
size [# of strips]

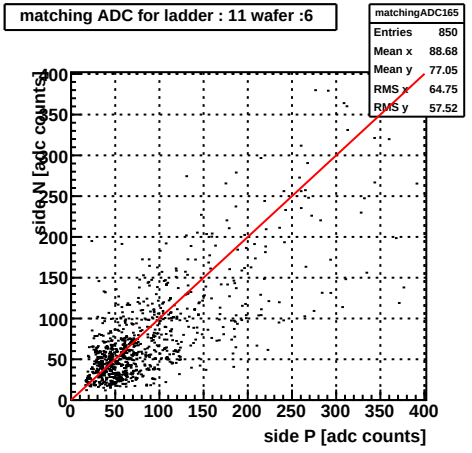

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 418
Mean x 73.03
Mean y 66.37
RMS x 57.42
RMS y 49.23
side N [adc counts]
side P [adc counts]

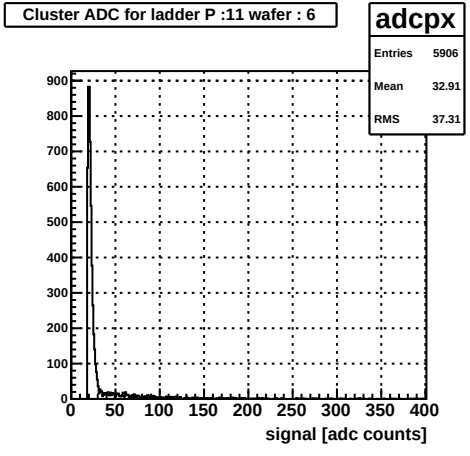

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 28924
Mean 27.77
RMS 13.73
signal [adc counts]

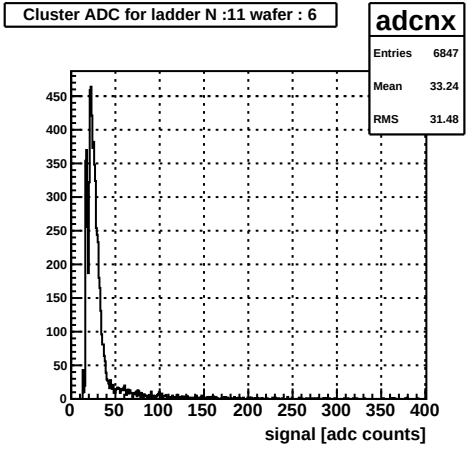

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1764
Mean 56.69
RMS 52.91
signal [adc counts]

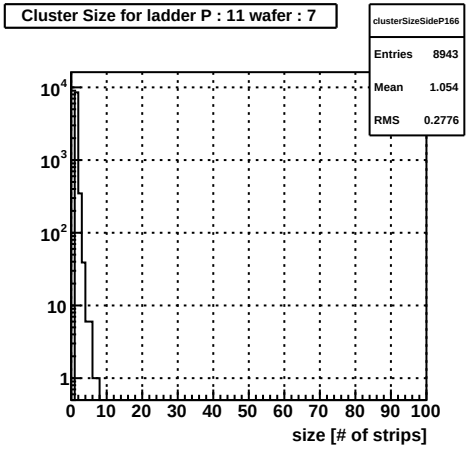

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 5906
Mean 1.067
RMS 0.3164
size [# of strips]

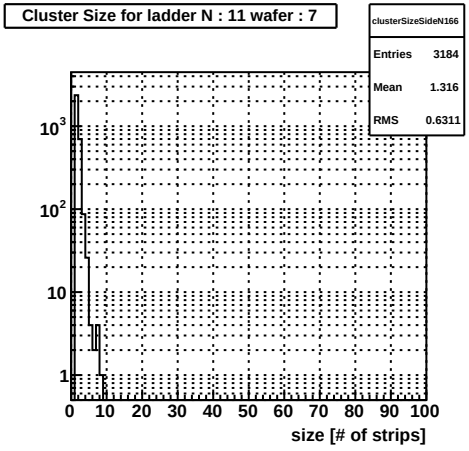

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6847
Mean 1.121
RMS 0.4292
size [# of strips]

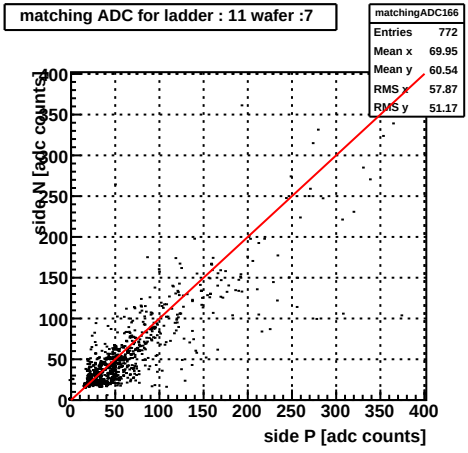

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 850
Mean x 88.68
Mean y 77.05
RMS x 64.75
RMS y 57.52
side N [adc counts]
side P [adc counts]

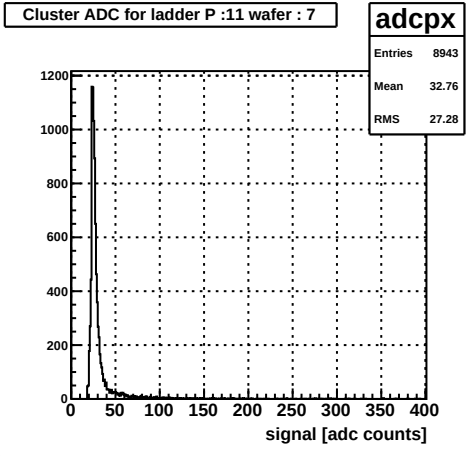

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 5906
Mean 32.91
RMS 37.31
signal [adc counts]

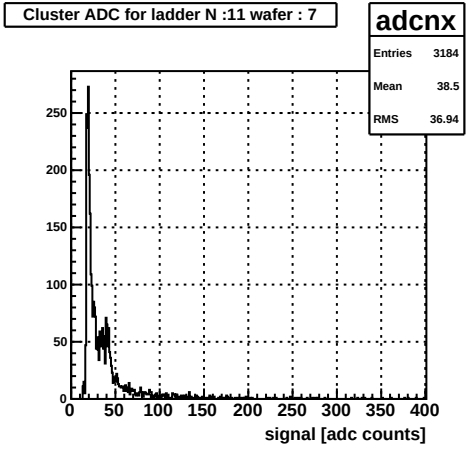

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6847
Mean 33.24
RMS 31.48
signal [adc counts]

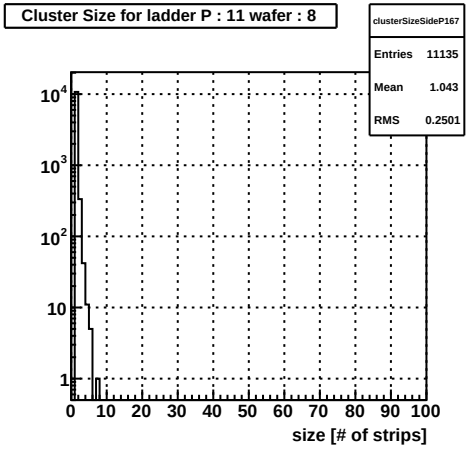

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 8943
Mean 1.054
RMS 0.2776
size [# of strips]

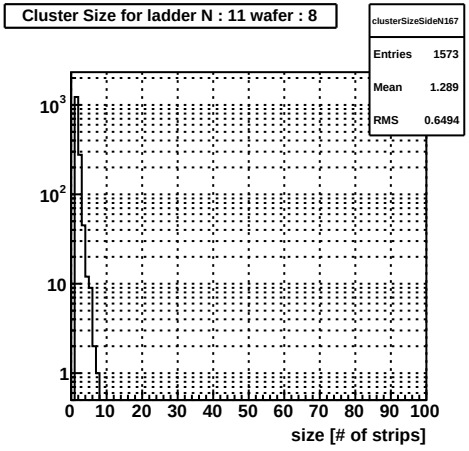

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 3184
Mean 1.316
RMS 0.6311
size [# of strips]

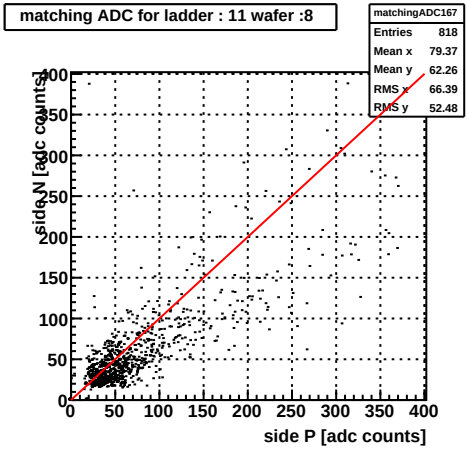

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 772
Mean x 69.95
Mean y 60.54
RMS x 57.87
RMS y 51.17
side N [adc counts]
side P [adc counts]

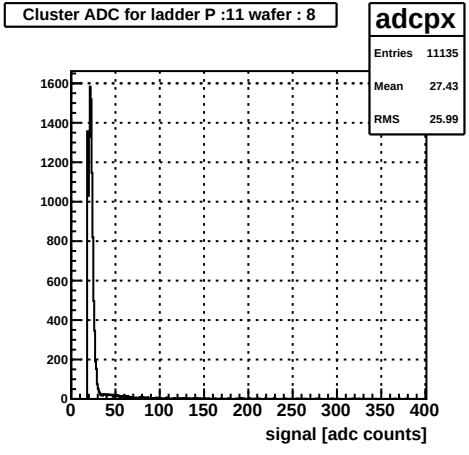

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 8943
Mean 32.76
RMS 27.28
signal [adc counts]

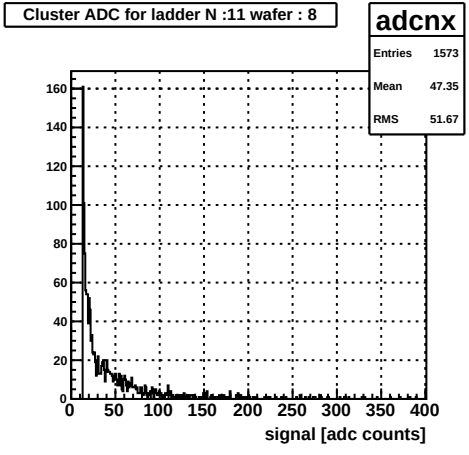

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 3184
Mean 38.5
RMS 36.94
signal [adc counts]

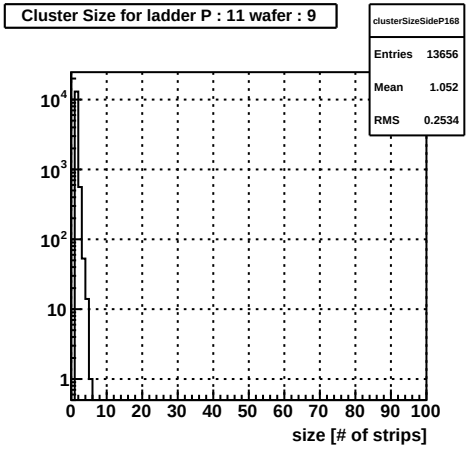

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 11135
Mean 1.043
RMS 0.2501
size [# of strips]

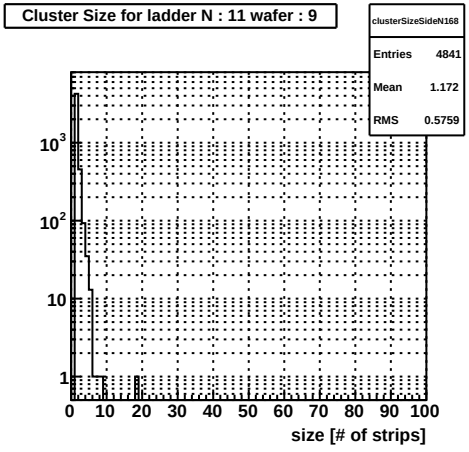

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1573
Mean 1.289
RMS 0.6494
size [# of strips]

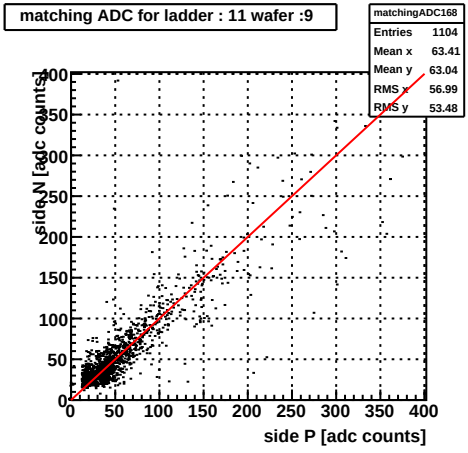

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 818
Mean x 79.37
Mean y 62.26
RMS x 66.39
RMS y 52.48
side N [adc counts]
side P [adc counts]

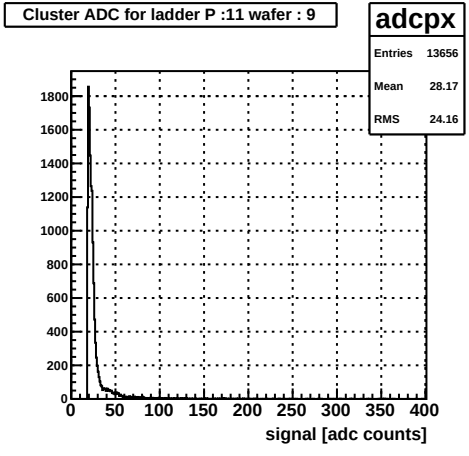

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 11135
Mean 27.43
RMS 25.99
signal [adc counts]

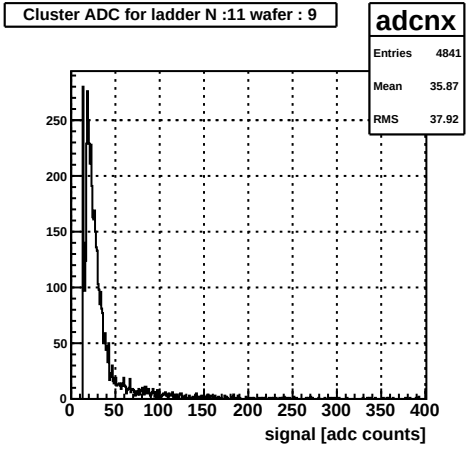

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1573
Mean 47.35
RMS 51.67
signal [adc counts]

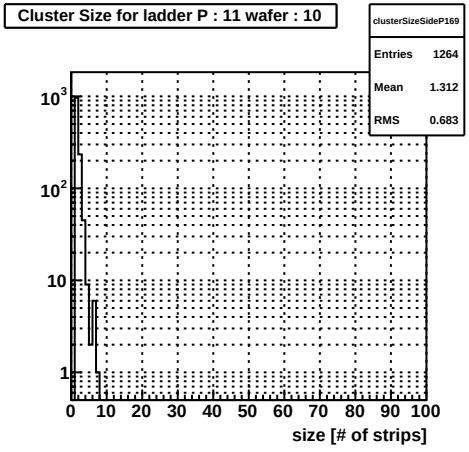

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 13656
Mean 1.052
RMS 0.2534
size [# of strips]

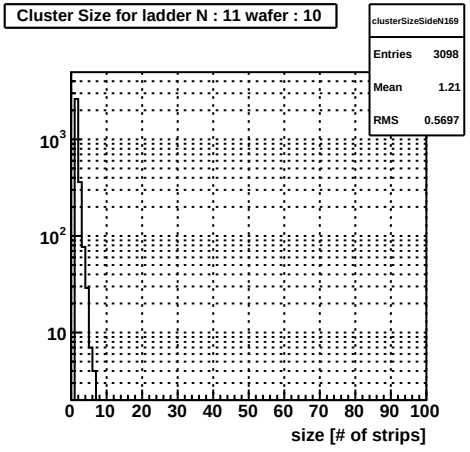

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 4841
Mean 1.172
RMS 0.5759
size [# of strips]

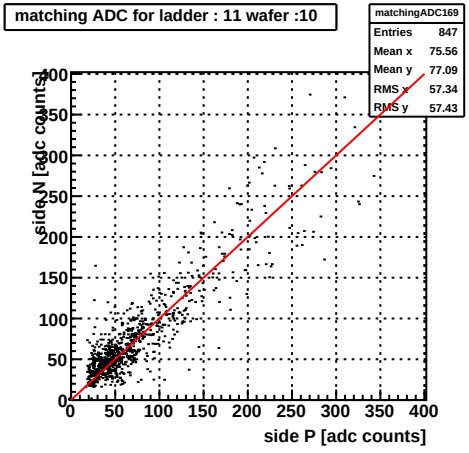

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1104
Mean x 63.41
Mean y 63.04
RMS x 56.99
RMS y 53.48
side N [adc counts]
side P [adc counts]

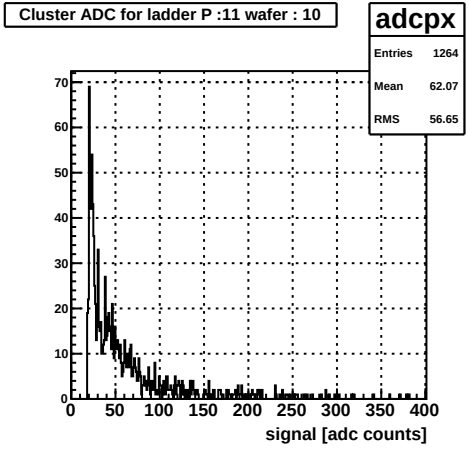

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 13656
Mean 28.17
RMS 24.16
signal [adc counts]

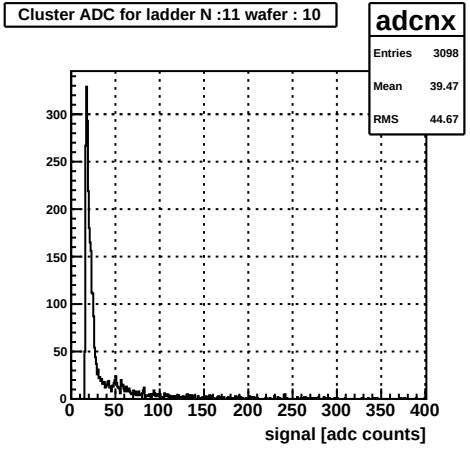

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 4841
Mean 35.87
RMS 37.92
signal [adc counts]

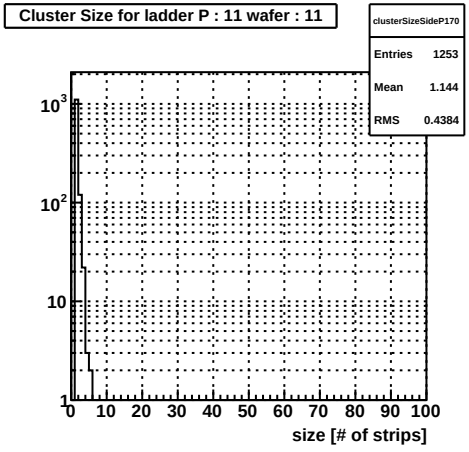

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1264
Mean 1.312
RMS 0.683
size [# of strips]

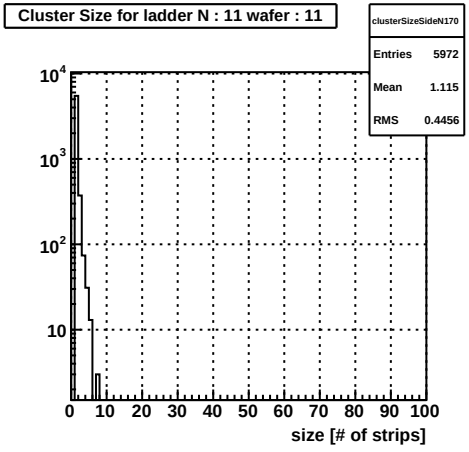

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3098
Mean 1.21
RMS 0.5697
size [# of strips]

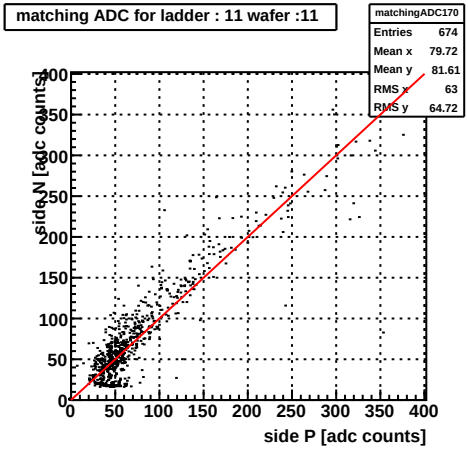

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 847
Mean x 75.56
Mean y 77.09
RMS x 57.34
RMS y 57.43
side N [adc counts]
side P [adc counts]

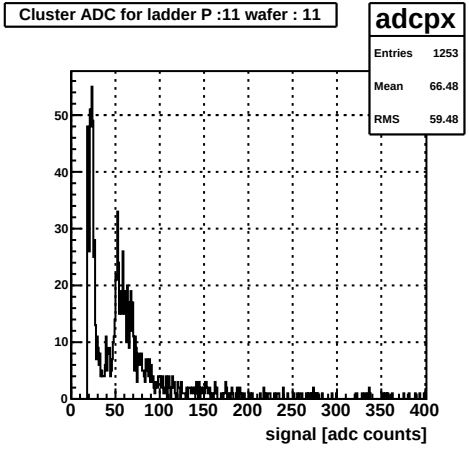

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1264
Mean 62.07
RMS 56.65
signal [adc counts]

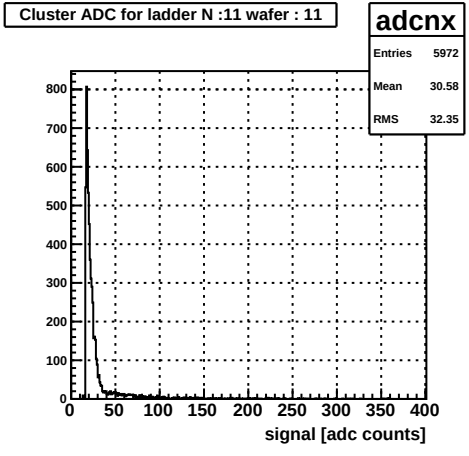

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3098
Mean 39.47
RMS 44.67
signal [adc counts]

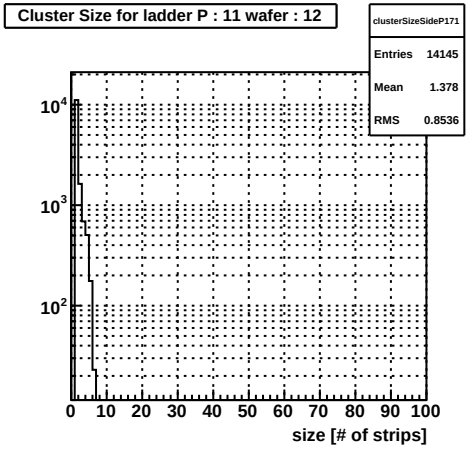

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1253
Mean 1.144
RMS 0.4384
size [# of strips]

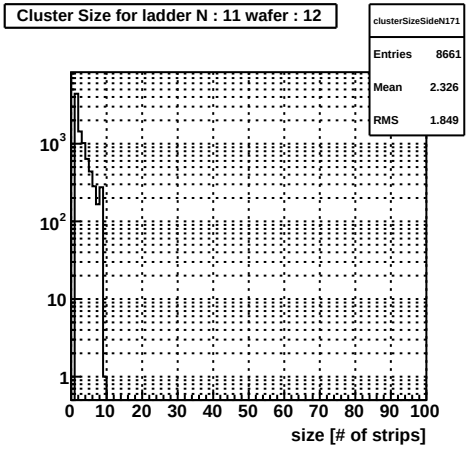

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 5972
Mean 1.115
RMS 0.4456
size [# of strips]

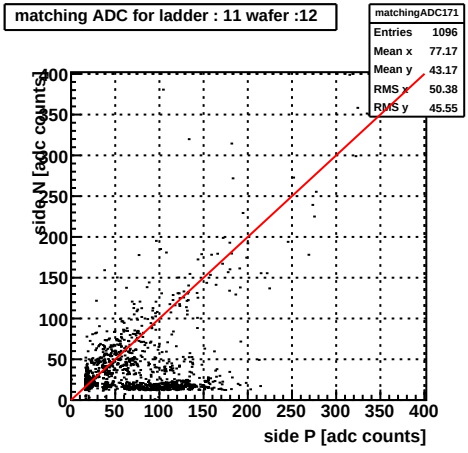

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 674
Mean x 79.72
Mean y 81.61
RMS x 63
RMS y 64.72
side N [adc counts]
side P [adc counts]

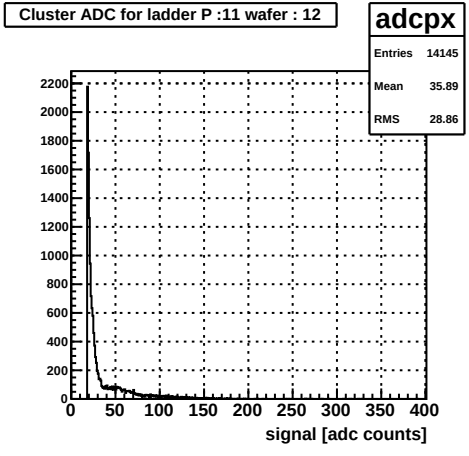

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1253
Mean 66.48
RMS 59.48
signal [adc counts]

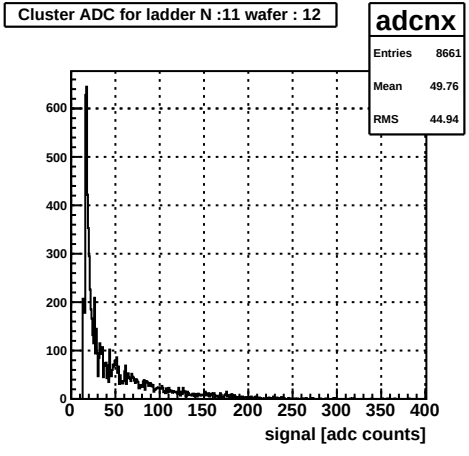

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 5972
Mean 30.58
RMS 32.35
signal [adc counts]

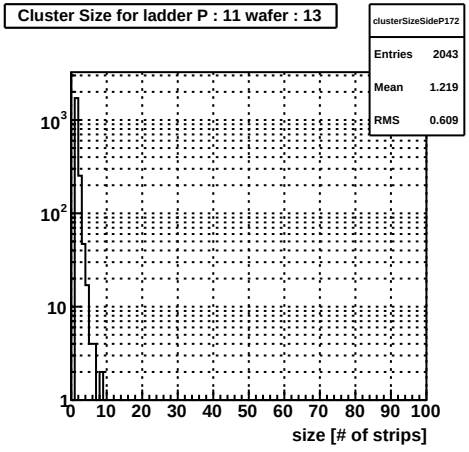

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 14145
Mean 1.378
RMS 0.8536
size [# of strips]

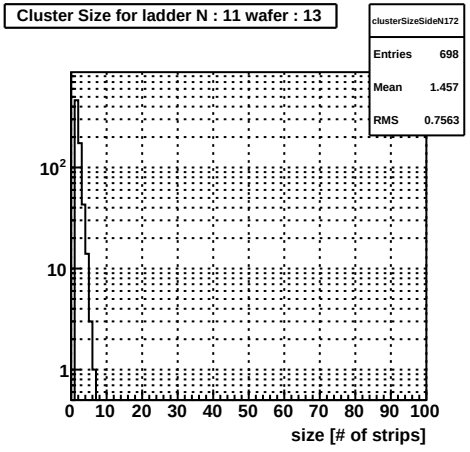

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 8661
Mean 2.326
RMS 1.849
size [# of strips]

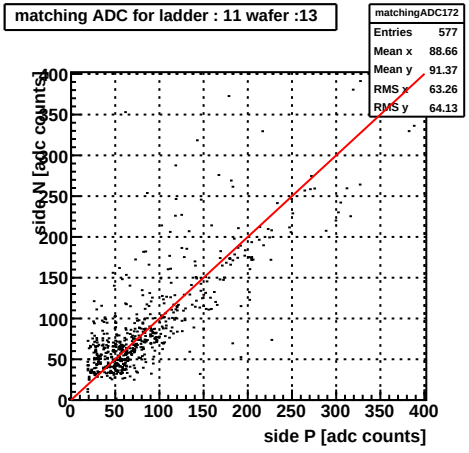

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1096
Mean x 77.17
Mean y 43.17
RMS x 50.38
RMS y 45.55
side N [adc counts]
side P [adc counts]

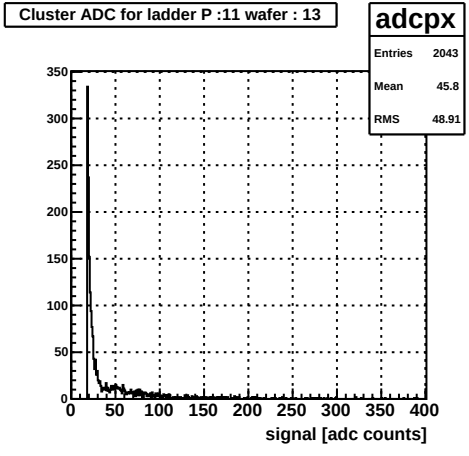

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 14145
Mean 35.89
RMS 28.86
signal [adc counts]

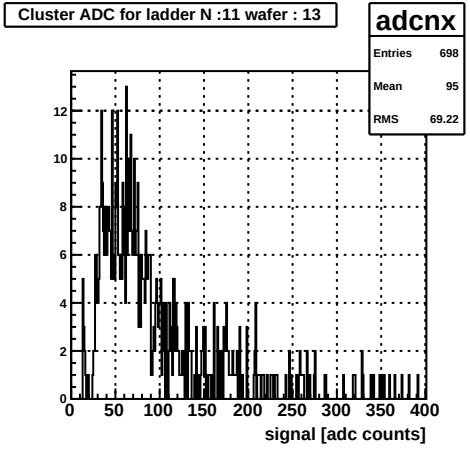

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 8661
Mean 49.76
RMS 44.94
signal [adc counts]

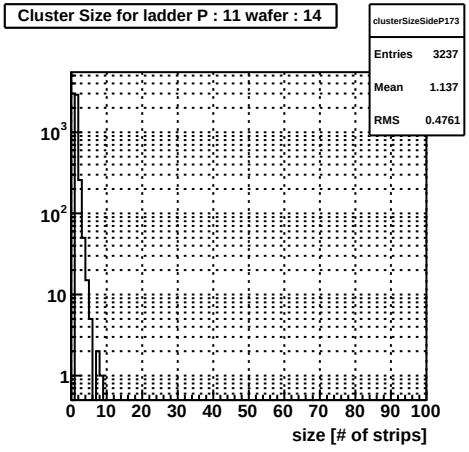

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 2043
Mean 1.219
RMS 0.609
size [# of strips]

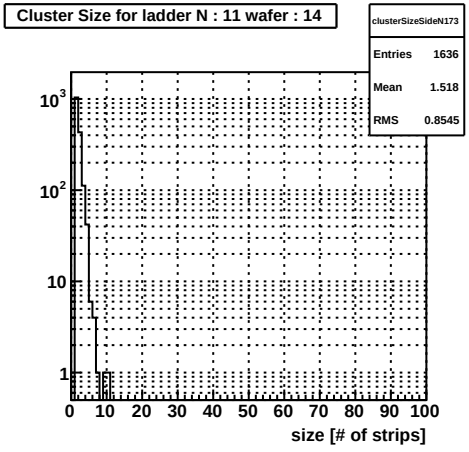

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 698
Mean 1.457
RMS 0.7563
size [# of strips]

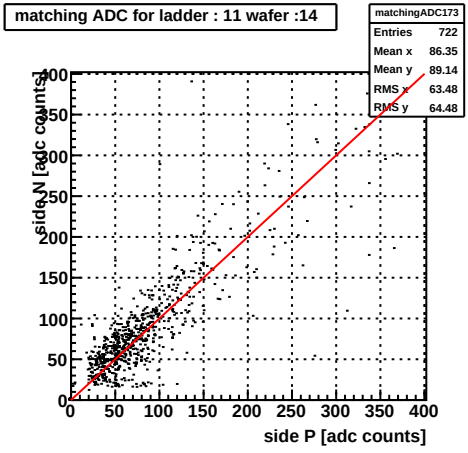

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 577
Mean x 88.66
Mean y 91.37
RMS x 63.26
RMS y 64.13
side N [adc counts]
side P [adc counts]

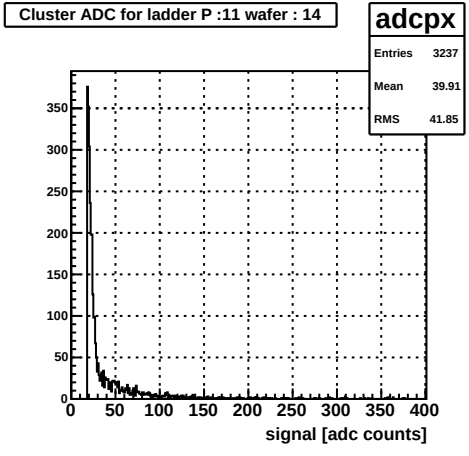

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 2043
Mean 45.8
RMS 48.91
signal [adc counts]

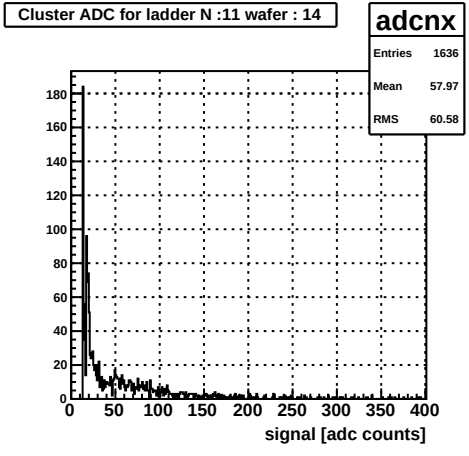

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 698
Mean 95
RMS 69.22
signal [adc counts]

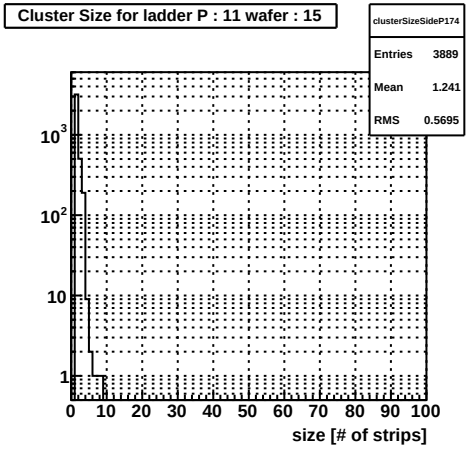

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3237
Mean 1.137
RMS 0.4761
size [# of strips]

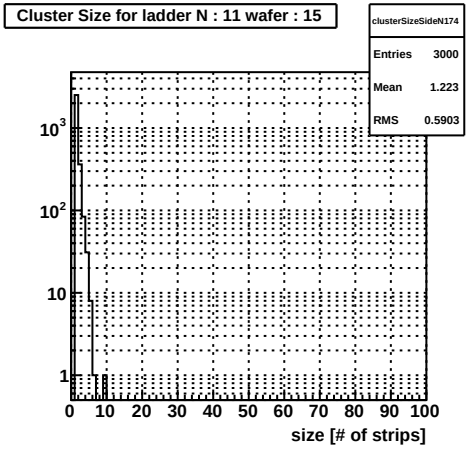

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1636
Mean 1.518
RMS 0.8545
size [# of strips]

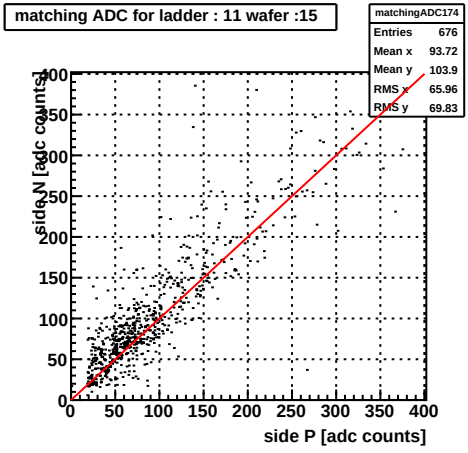

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 722
Mean x 86.35
Mean y 89.14
RMS x 63.48
RMS y 64.48
side N [adc counts]
side P [adc counts]

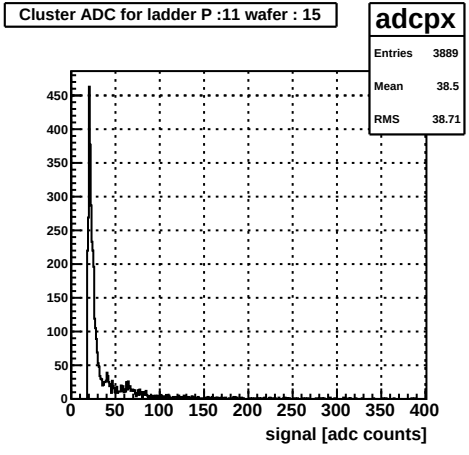

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3237
Mean 39.91
RMS 41.85
signal [adc counts]

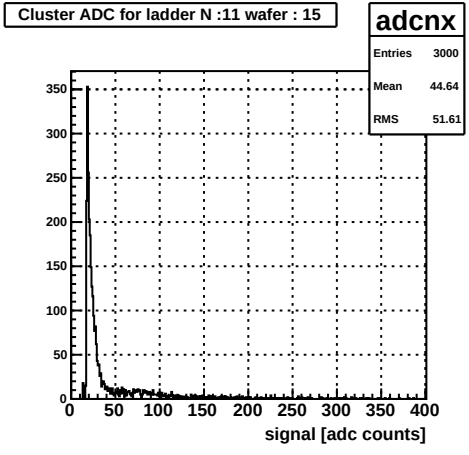

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1636
Mean 57.97
RMS 60.58
signal [adc counts]

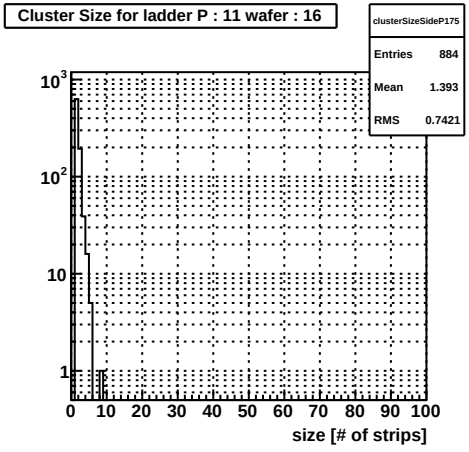

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3889
Mean 1.241
RMS 0.5695
size [# of strips]

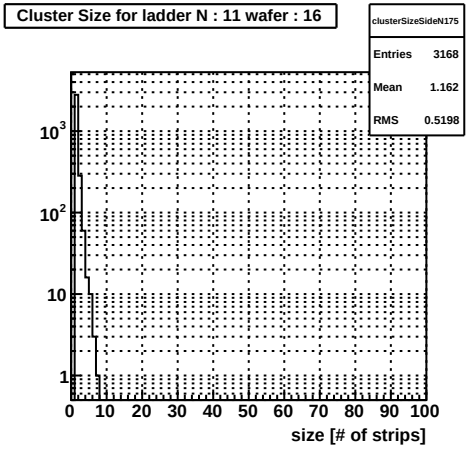

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 3000
Mean 1.223
RMS 0.5903
size [# of strips]

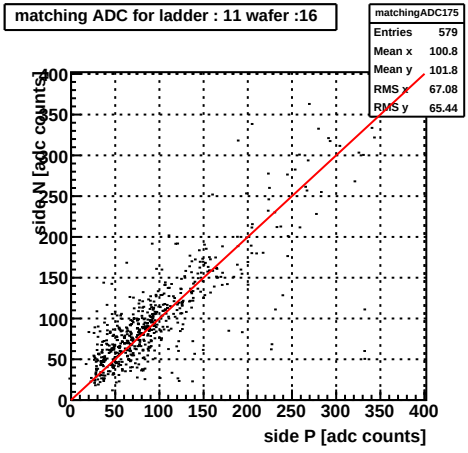

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 676
Mean x 93.72
Mean y 103.9
RMS x 65.96
RMS y 69.83
side N [adc counts]
side P [adc counts]

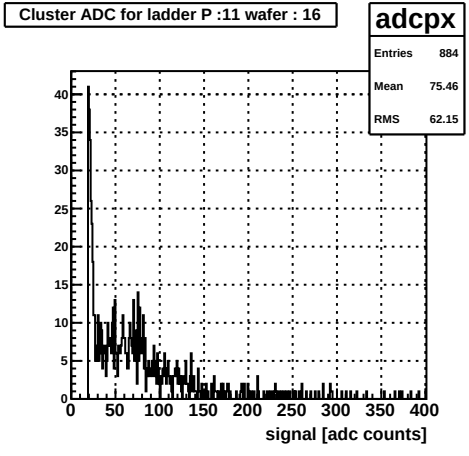

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3889
Mean 38.5
RMS 38.71
signal [adc counts]

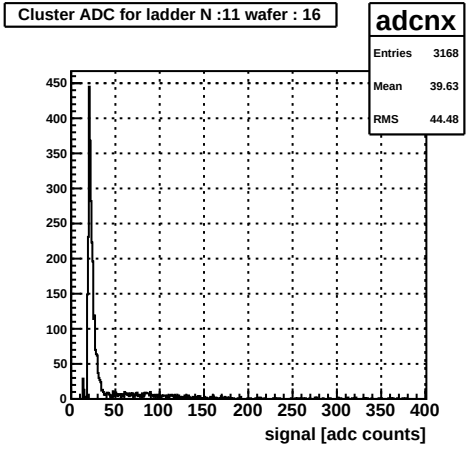

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 3000
Mean 44.64
RMS 51.61
signal [adc counts]

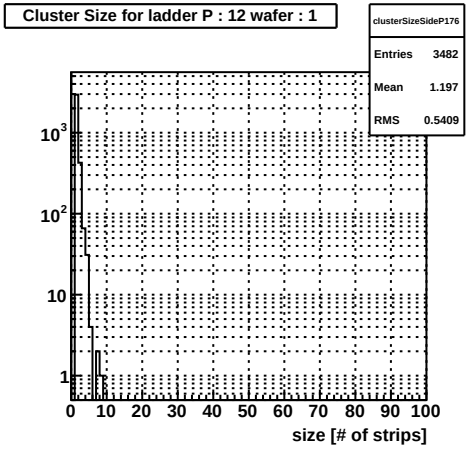

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 884
Mean 1.393
RMS 0.7421
size [# of strips]

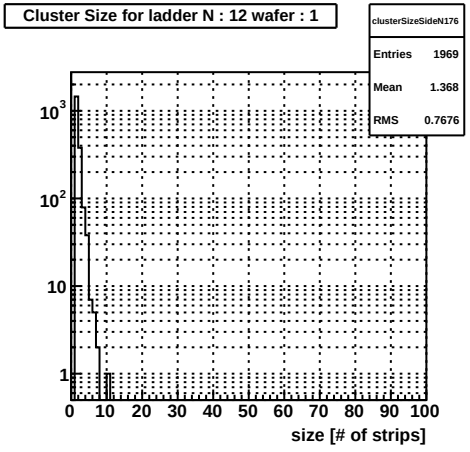

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 3168
Mean 1.162
RMS 0.5198
size [# of strips]

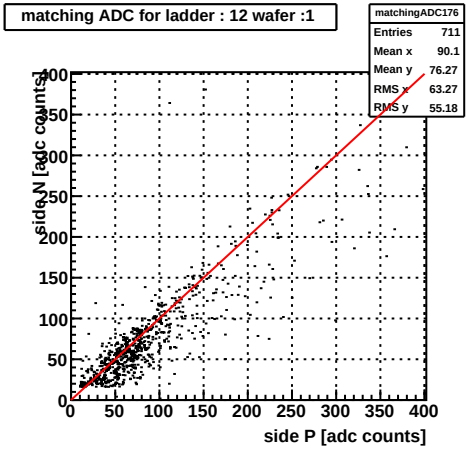

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 579
Mean x 100.8
Mean y 101.8
RMS x 67.08
RMS y 65.44
side N [adc counts]
side P [adc counts]

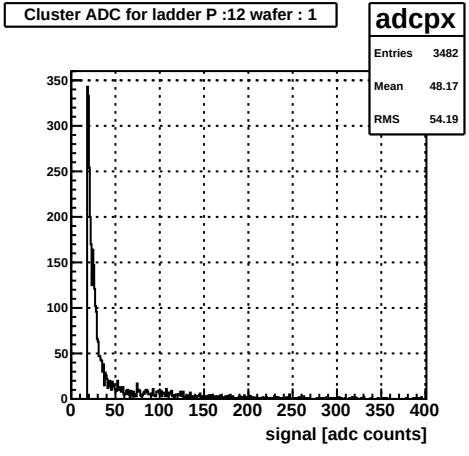

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 884
Mean 75.46
RMS 62.15
signal [adc counts]

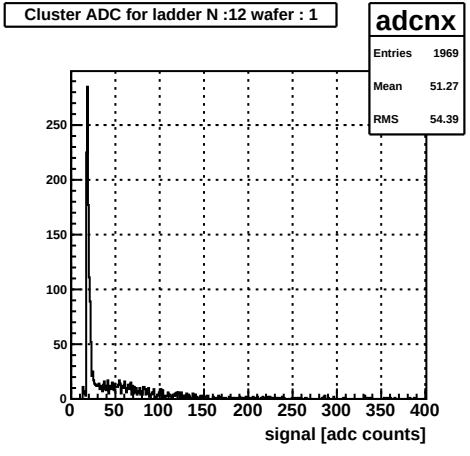

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 3168
Mean 39.63
RMS 44.48
signal [adc counts]

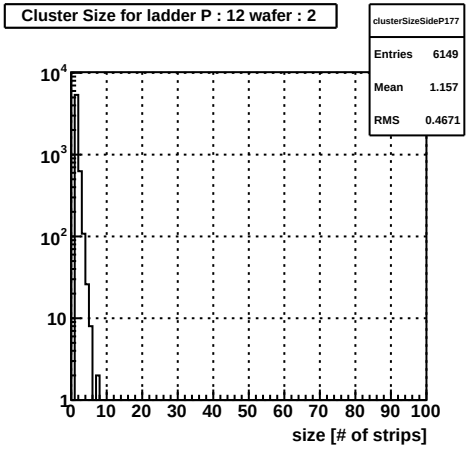

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3482
Mean 1.197
RMS 0.5409
size [# of strips]

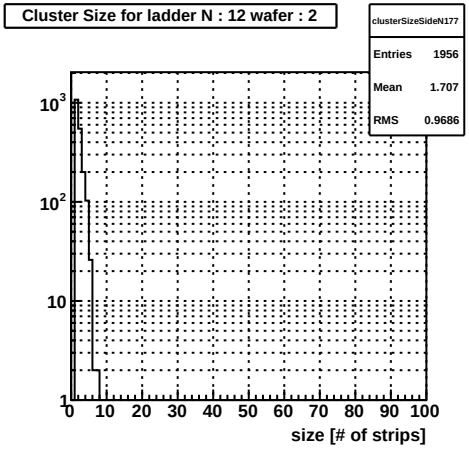

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1969
Mean 1.368
RMS 0.7676
size [# of strips]

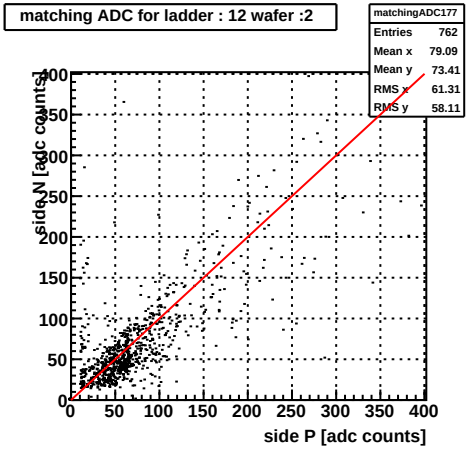

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 711
Mean x 90.1
Mean y 76.27
RMS x 63.27
RMS y 55.18
side N [adc counts]
side P [adc counts]

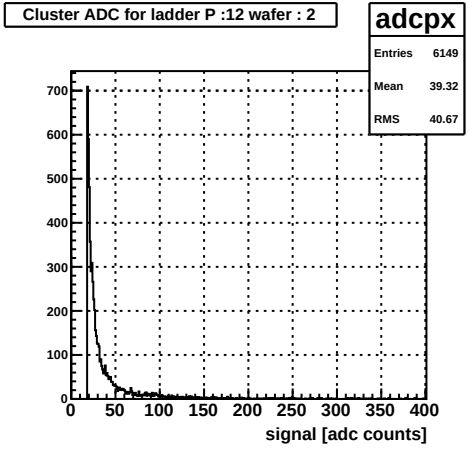

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3482
Mean 48.17
RMS 54.19
signal [adc counts]

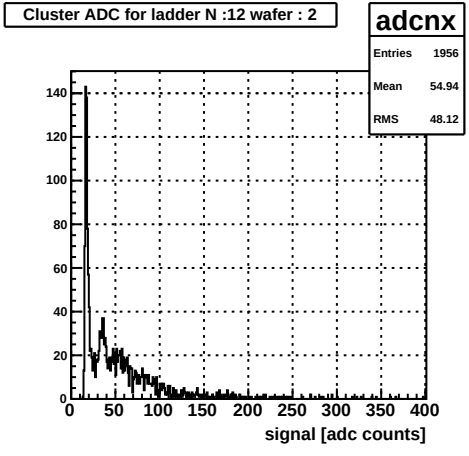

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1969
Mean 51.27
RMS 54.39
signal [adc counts]

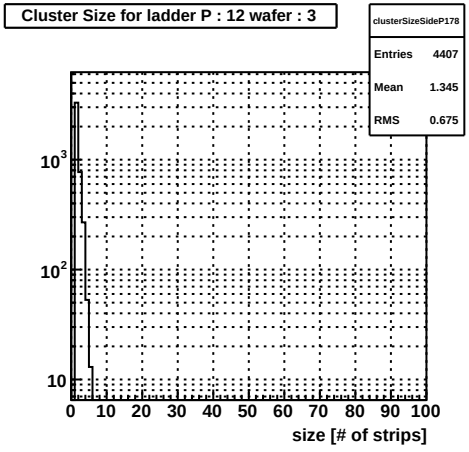

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 6149
Mean 1.157
RMS 0.4671
size [# of strips]

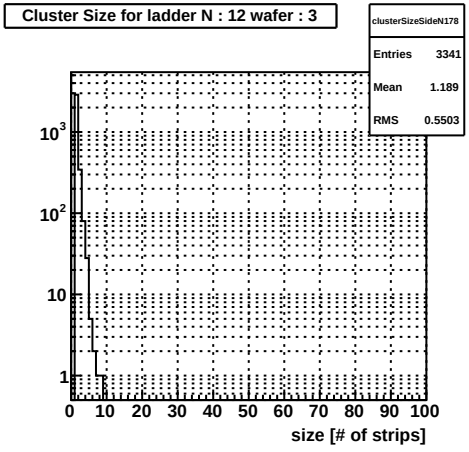

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1956
Mean 1.707
RMS 0.9686
size [# of strips]

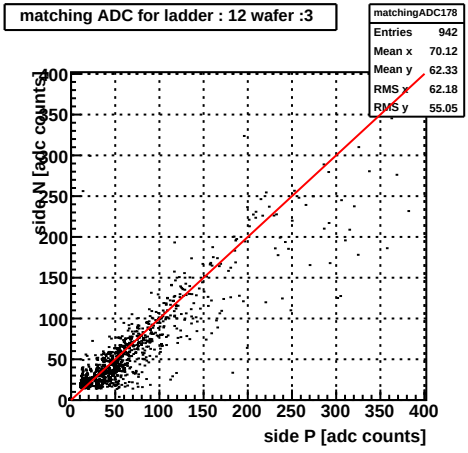

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 762
Mean x 79.09
Mean y 73.41
RMS x 61.31
RMS y 58.11
side N [adc counts]
side P [adc counts]

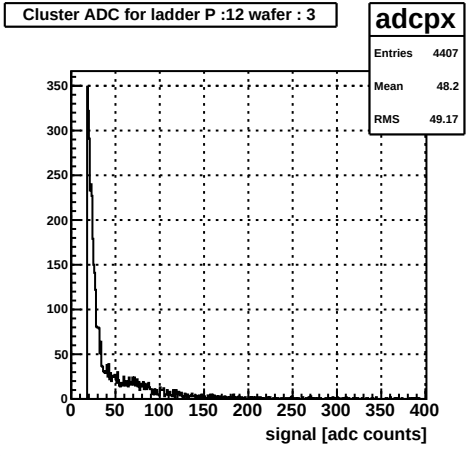

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 6149
Mean 39.32
RMS 40.67
signal [adc counts]

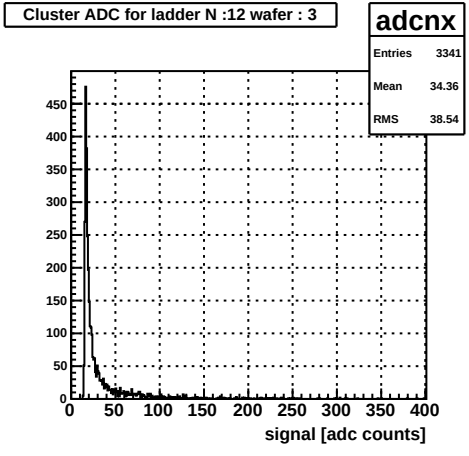

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1956
Mean 54.94
RMS 48.12
signal [adc counts]

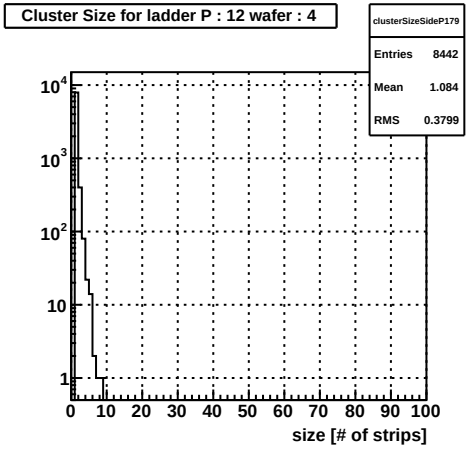

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 4407
Mean 1.345
RMS 0.675
size [# of strips]

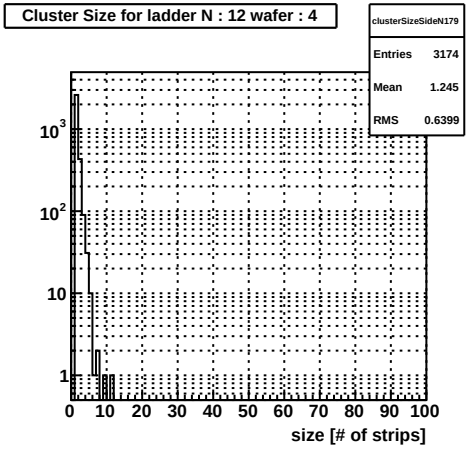

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3341
Mean 1.189
RMS 0.5503
size [# of strips]

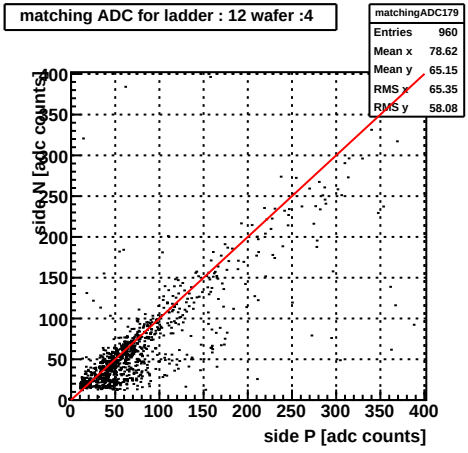

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 942
Mean x 70.12
Mean y 62.33
RMS x 62.18
RMS y 55.05
side N [adc counts]
side P [adc counts]

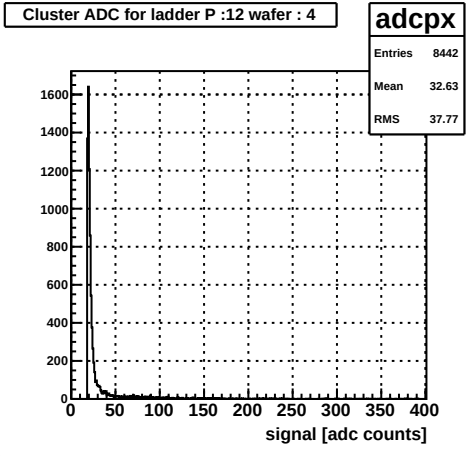

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 4407
Mean 48.2
RMS 49.17
signal [adc counts]

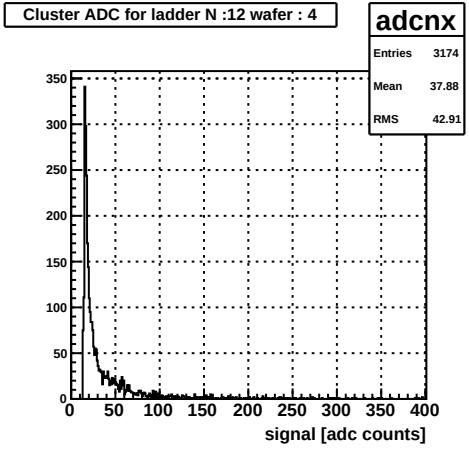

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3341
Mean 34.36
RMS 38.54
signal [adc counts]

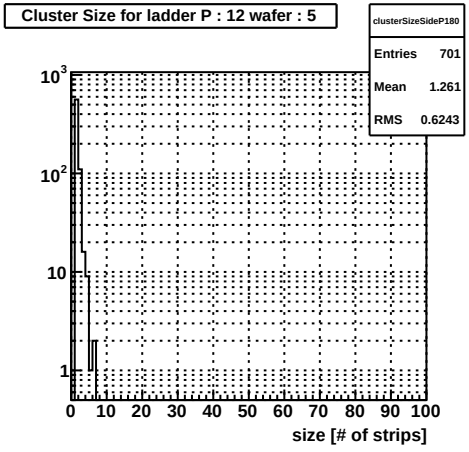

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 8442
Mean 1.084
RMS 0.3799
size [# of strips]

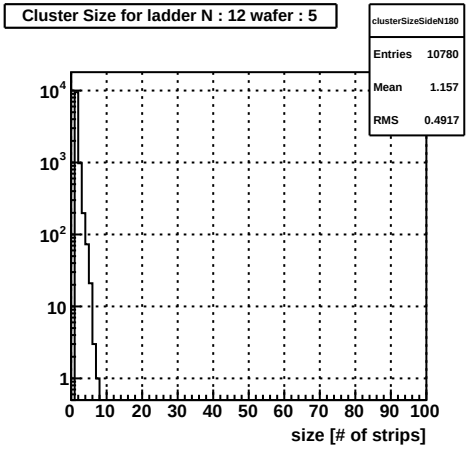

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 3174
Mean 1.245
RMS 0.6399
size [# of strips]

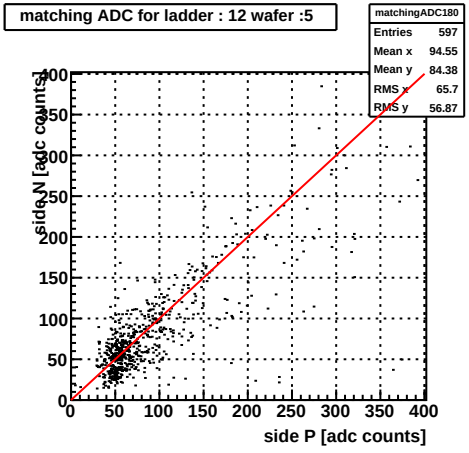

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 960
Mean x 78.62
Mean y 65.15
RMS x 65.35
RMS y 58.08
side N [adc counts]
side P [adc counts]

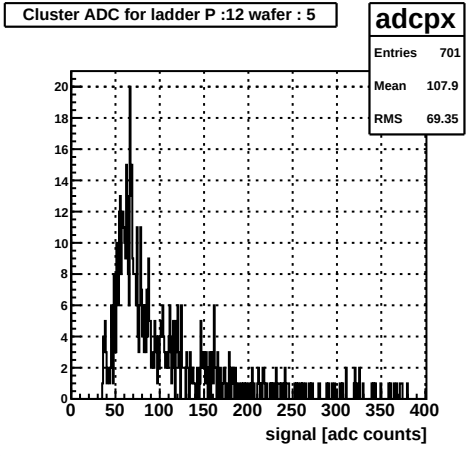

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 8442
Mean 32.63
RMS 37.77
signal [adc counts]

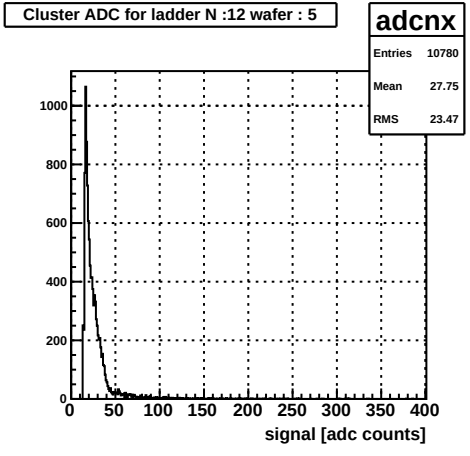

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 3174
Mean 37.88
RMS 42.91
signal [adc counts]

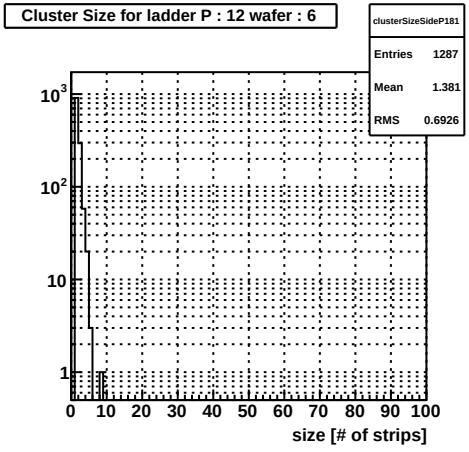

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 701
Mean 1.261
RMS 0.6243
size [# of strips]

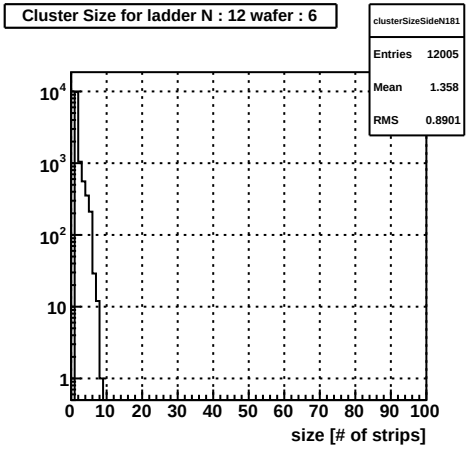

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 10780
Mean 1.157
RMS 0.4917
size [# of strips]

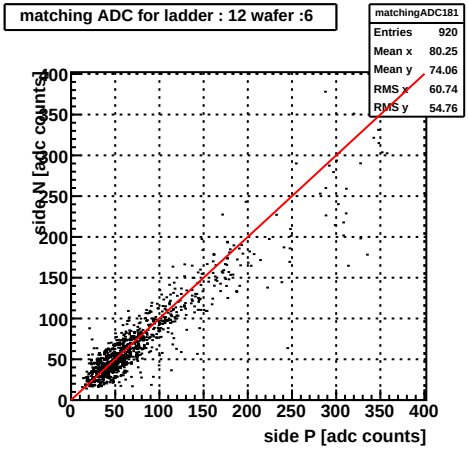

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 597
Mean x 94.55
Mean y 84.38
RMS x 65.7
RMS y 56.87
side N [adc counts]
side P [adc counts]

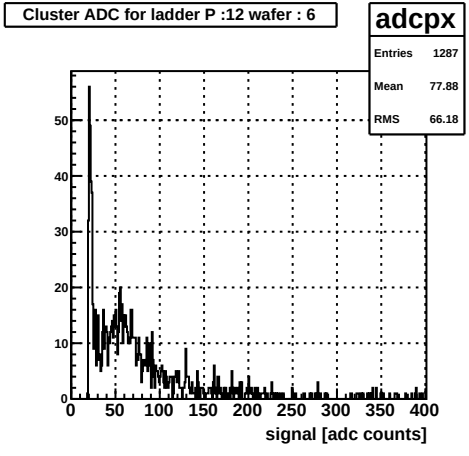

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 701
Mean 107.9
RMS 69.35
signal [adc counts]

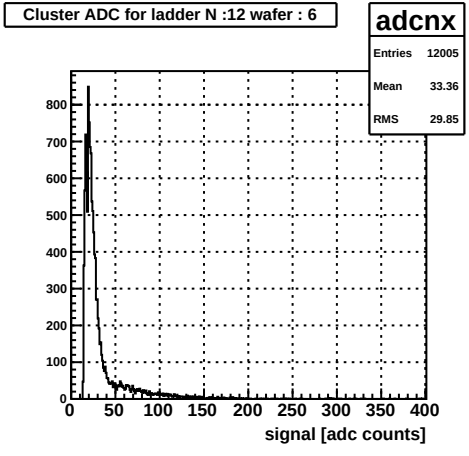

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 10780
Mean 27.75
RMS 23.47
signal [adc counts]

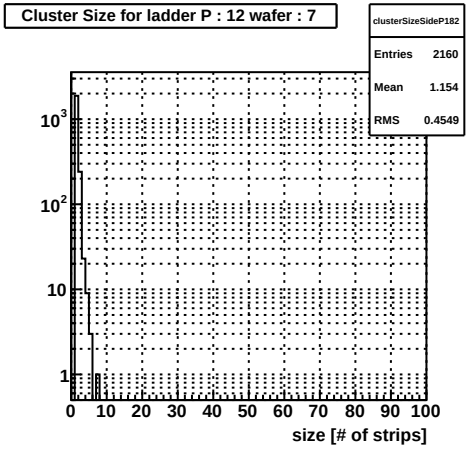

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1287
Mean 1.381
RMS 0.6926
size [# of strips]

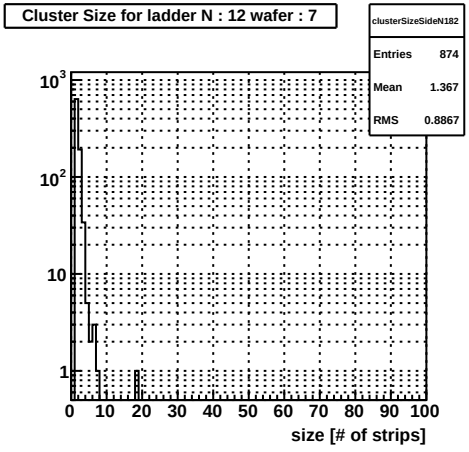

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 12005
Mean 1.358
RMS 0.8901
size [# of strips]

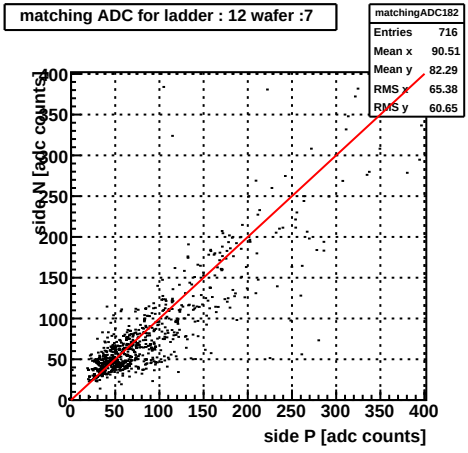

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 920
Mean x 80.25
Mean y 74.06
RMS x 60.74
RMS y 54.76
side N [adc counts]
side P [adc counts]

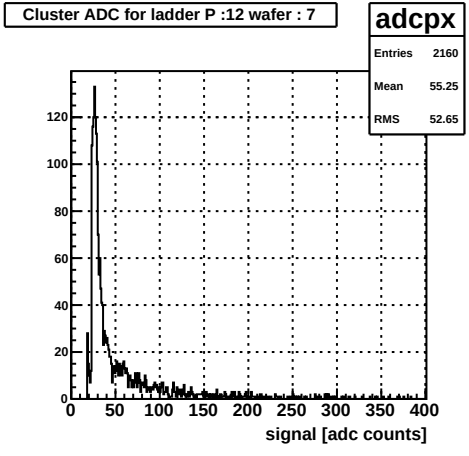

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1287
Mean 77.88
RMS 66.18
signal [adc counts]

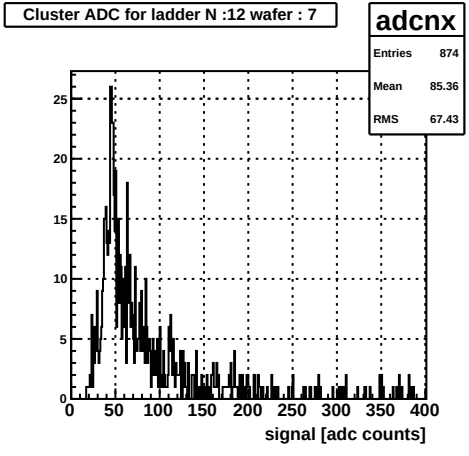

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 12005
Mean 33.36
RMS 29.85
signal [adc counts]

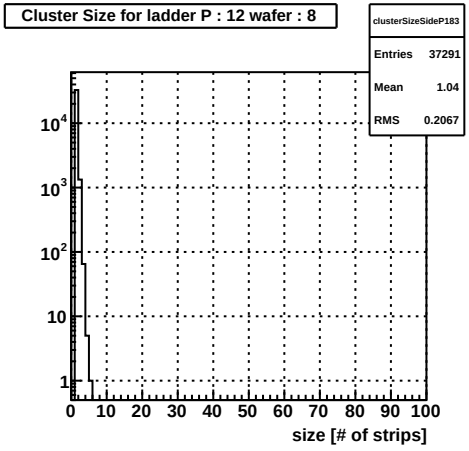

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2160
Mean 1.154
RMS 0.4549
size [# of strips]

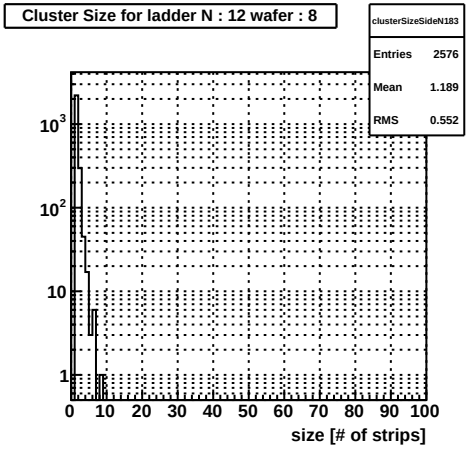

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 874
Mean 1.367
RMS 0.8867
size [# of strips]

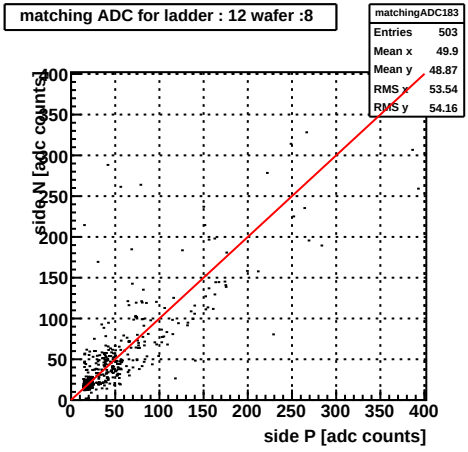

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 716
Mean x 90.51
Mean y 82.29
RMS x 65.38
RMS y 60.65
side N [adc counts]
side P [adc counts]

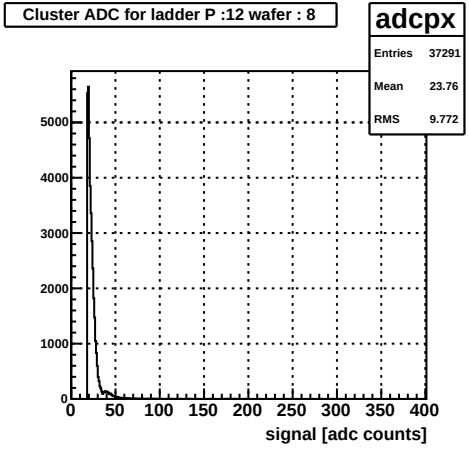

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2160
Mean 55.25
RMS 52.65
signal [adc counts]

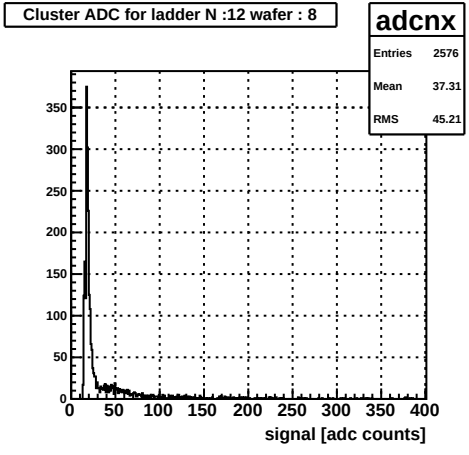

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 874
Mean 85.36
RMS 67.43
signal [adc counts]

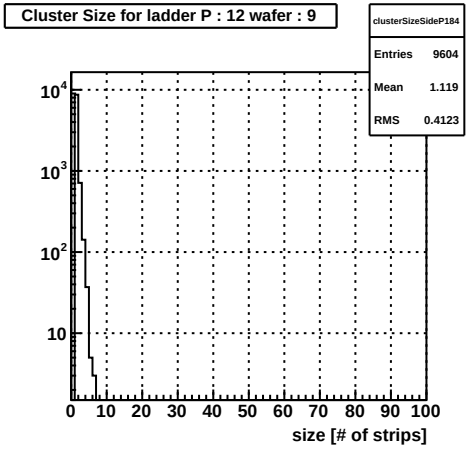

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 37291
Mean 1.04
RMS 0.2067
size [# of strips]

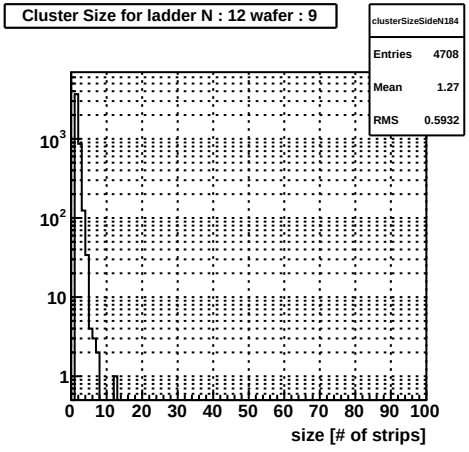

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2576
Mean 1.189
RMS 0.552
size [# of strips]

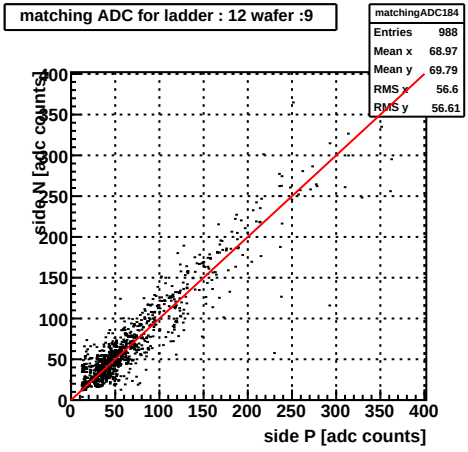

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 503
Mean x 49.9
Mean y 48.87
RMS x 53.54
RMS y 54.16
side N [adc counts]
side P [adc counts]

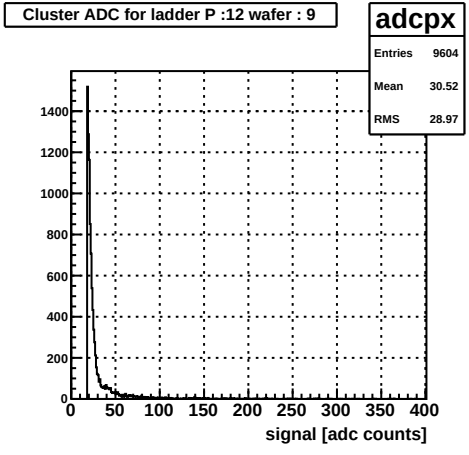

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 37291
Mean 23.76
RMS 9.772
signal [adc counts]

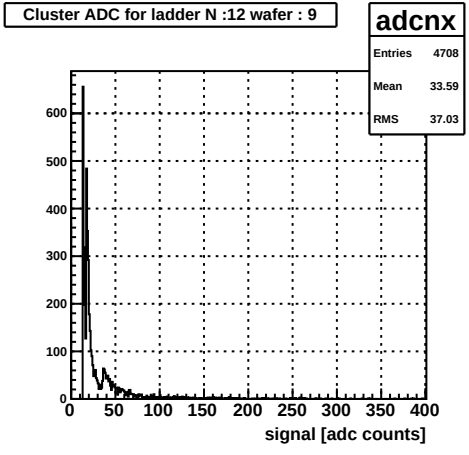

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2576
Mean 37.31
RMS 45.21
signal [adc counts]

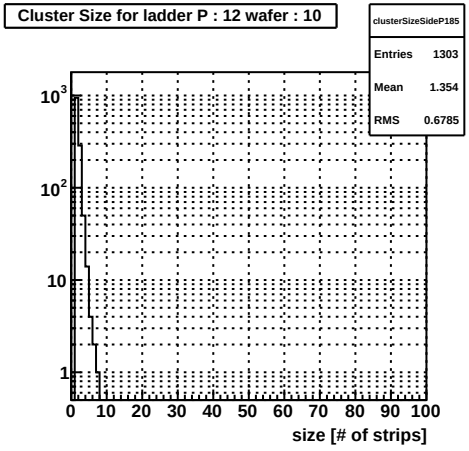

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 9604
Mean 1.119
RMS 0.4123
size [# of strips]

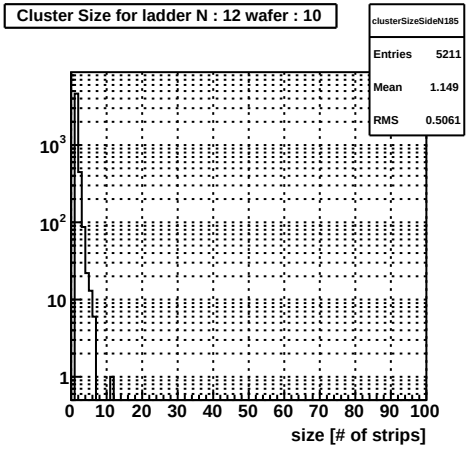

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4708
Mean 1.27
RMS 0.5932
size [# of strips]

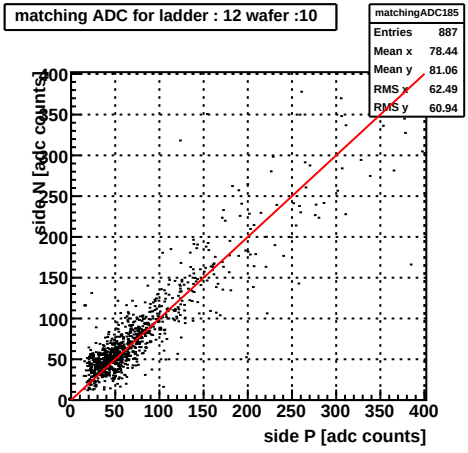

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 988
Mean x 68.97
Mean y 69.79
RMS x 56.6
RMS y 56.61
side N [adc counts]
side P [adc counts]

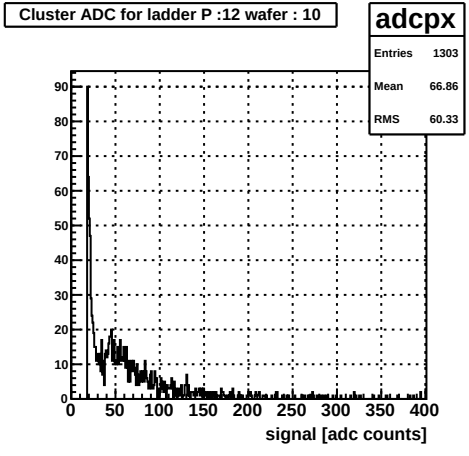

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 9604
Mean 30.52
RMS 28.97
signal [adc counts]

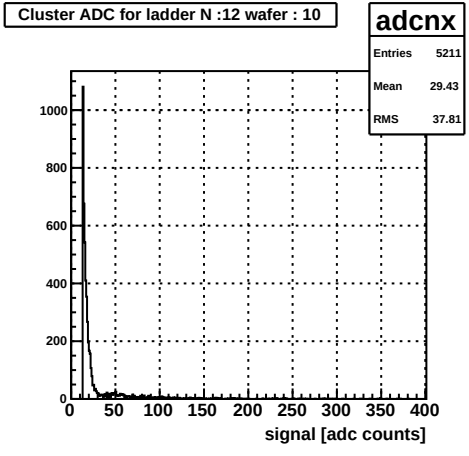

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4708
Mean 33.59
RMS 37.03
signal [adc counts]

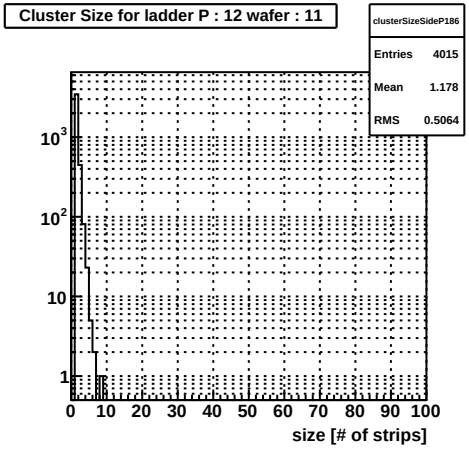

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1303
Mean 1.354
RMS 0.6785
size [# of strips]

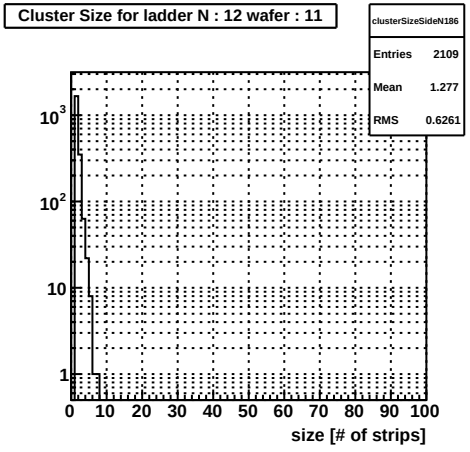

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 5211
Mean 1.149
RMS 0.5061
size [# of strips]

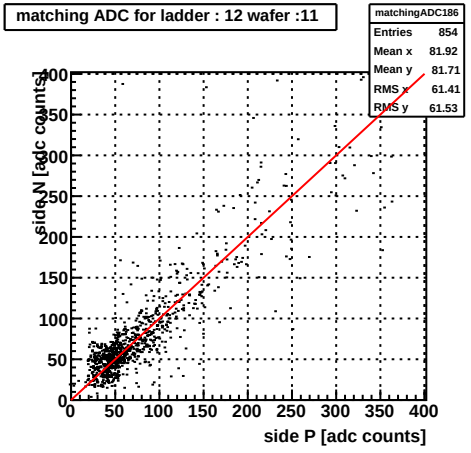

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 887
Mean x 78.44
Mean y 81.06
RMS x 62.49
RMS y 60.94
side N [adc counts]
side P [adc counts]

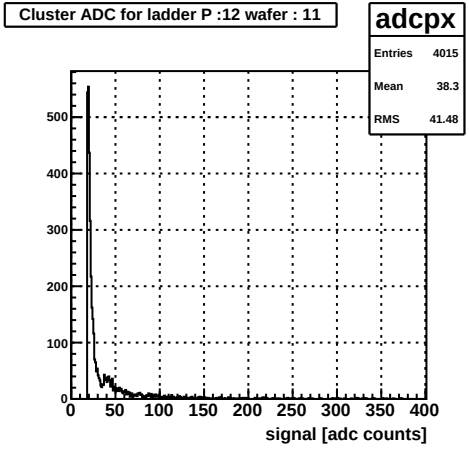

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1303
Mean 66.86
RMS 60.33
signal [adc counts]

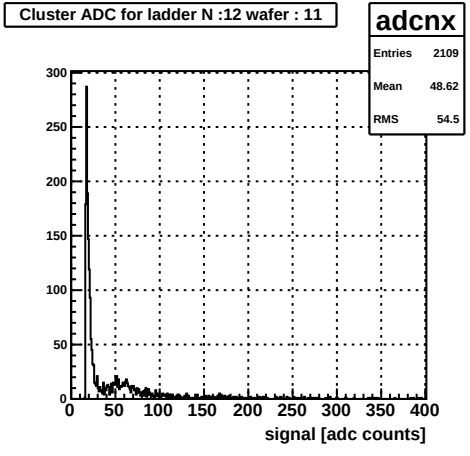

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 5211
Mean 29.43
RMS 37.81
signal [adc counts]

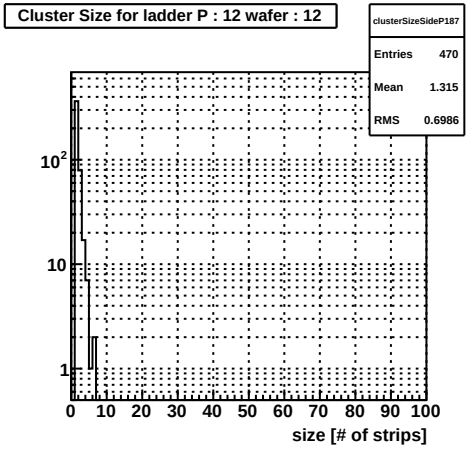

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4015
Mean 1.178
RMS 0.5064
size [# of strips]

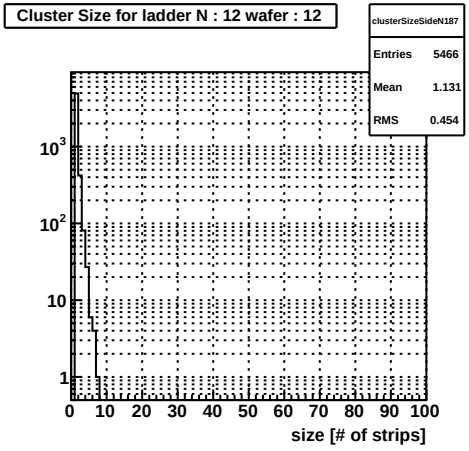

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2109
Mean 1.277
RMS 0.6261
size [# of strips]

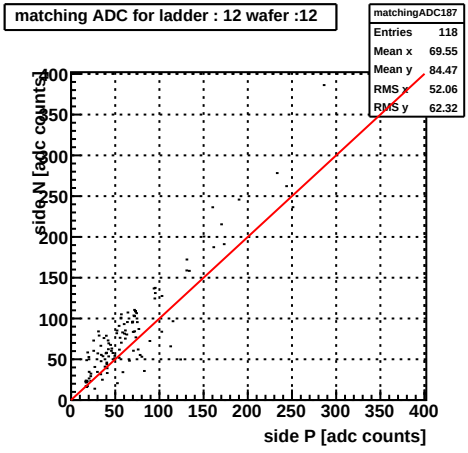

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 854
Mean x 81.92
Mean y 81.71
RMS x 61.41
RMS y 61.53
side N [adc counts]
side P [adc counts]

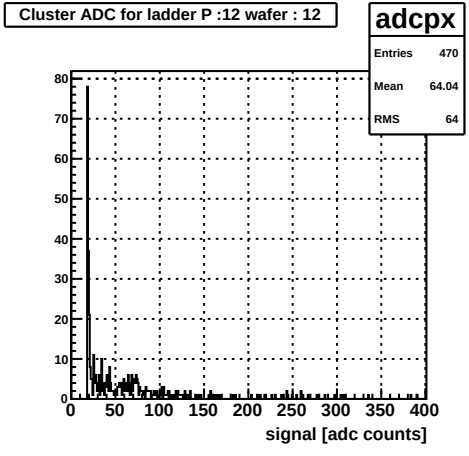

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4015
Mean 38.3
RMS 41.48
signal [adc counts]

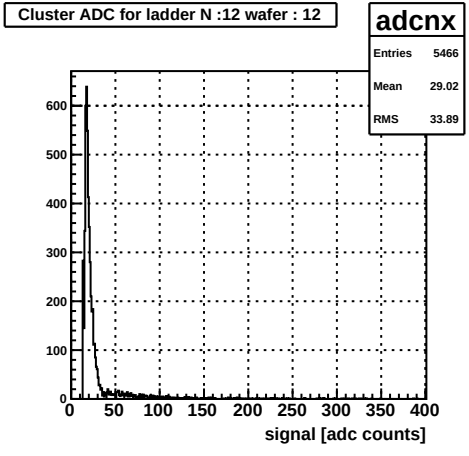

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2109
Mean 48.62
RMS 54.5
signal [adc counts]

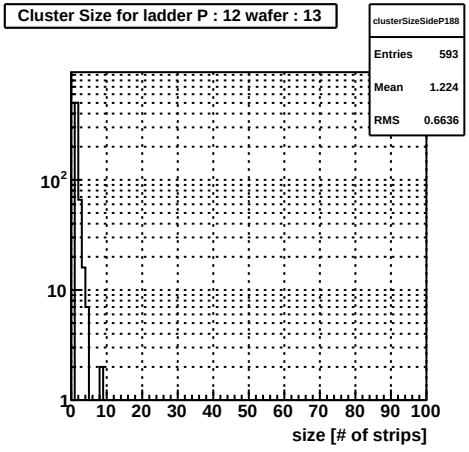

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 470
Mean 1.315
RMS 0.6986
size [# of strips]

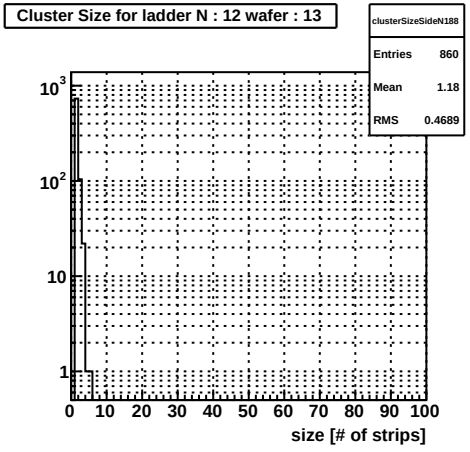

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 5466
Mean 1.131
RMS 0.454
size [# of strips]

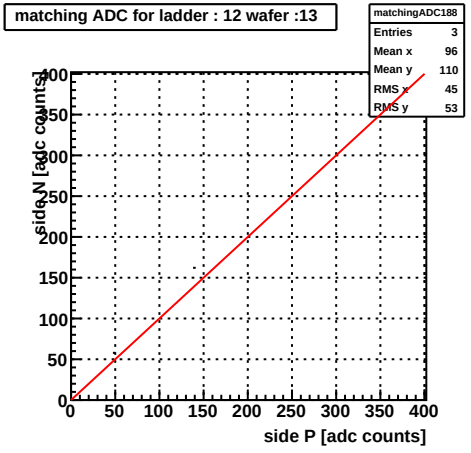

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 118
Mean x 69.55
Mean y 84.47
RMS x 52.06
RMS y 62.32
side N [adc counts]
side P [adc counts]

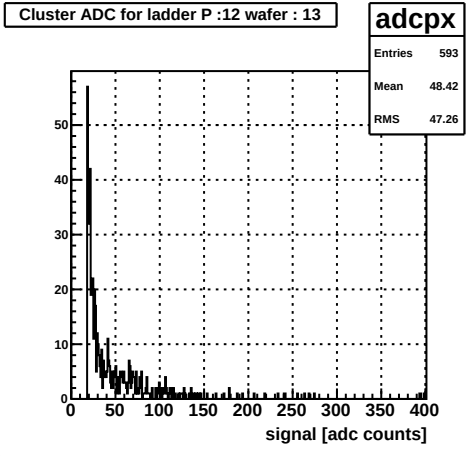

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 470
Mean 64.04
RMS 64
signal [adc counts]

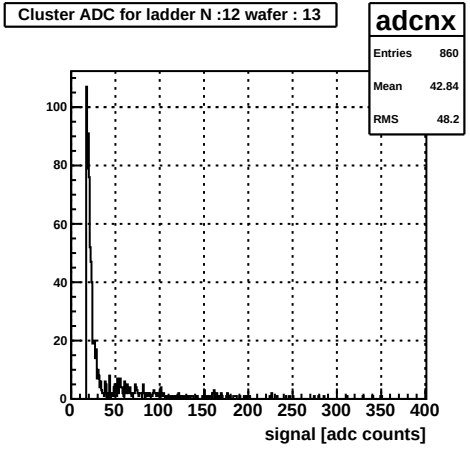

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 5466
Mean 29.02
RMS 33.89
signal [adc counts]

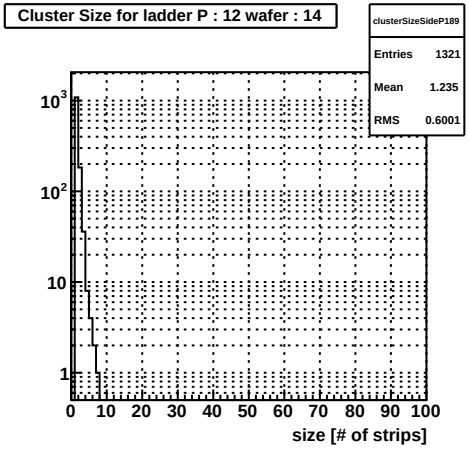

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 593
Mean 1.224
RMS 0.6636
size [# of strips]

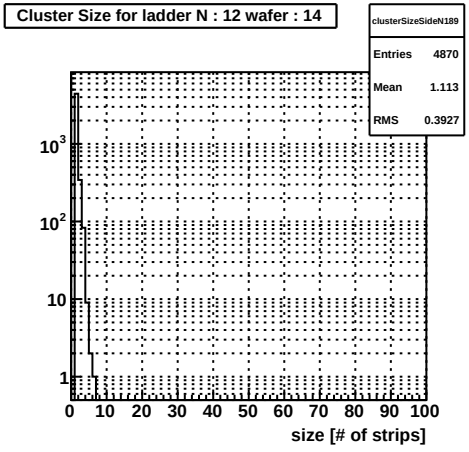

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 860
Mean 1.18
RMS 0.4689
size [# of strips]

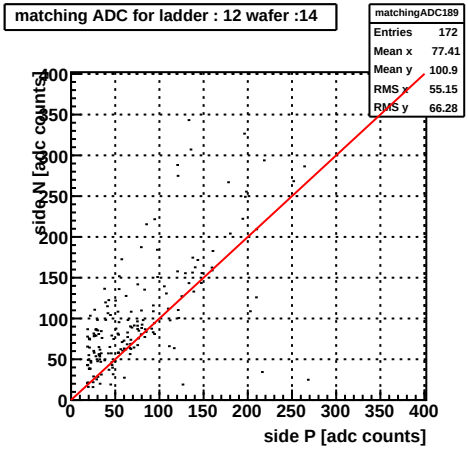

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 3
Mean x 96
Mean y 110
RMS x 45
RMS y 53
side N [adc counts]
side P [adc counts]

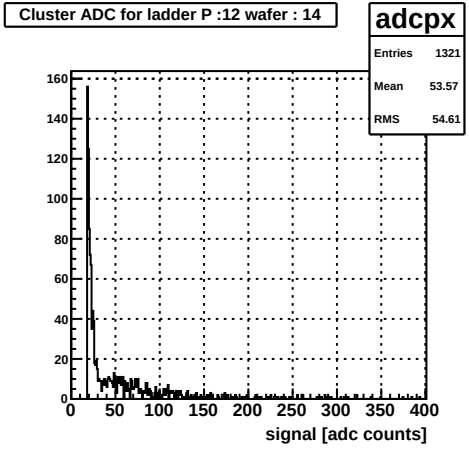

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 593
Mean 48.42
RMS 47.26
signal [adc counts]

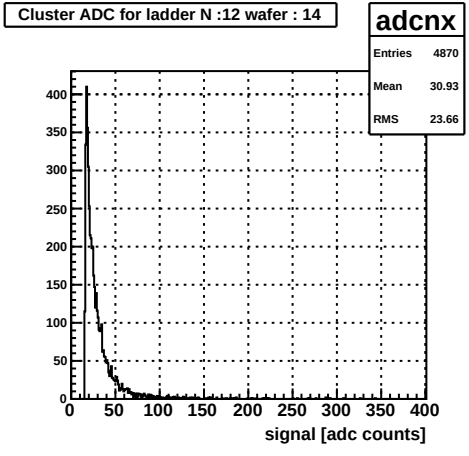

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 860
Mean 42.84
RMS 48.2
signal [adc counts]

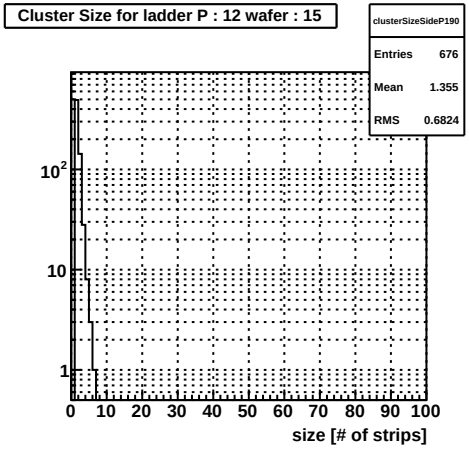

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1321
Mean 1.235
RMS 0.6001
size [# of strips]

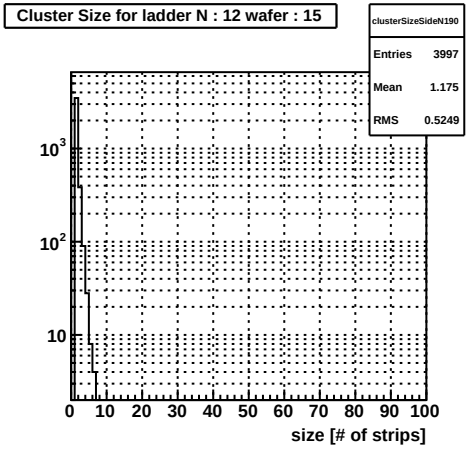

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 4870
Mean 1.113
RMS 0.3927
size [# of strips]

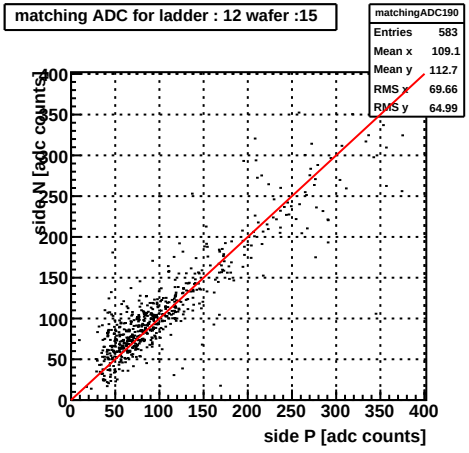

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 172
Mean x 77.41
Mean y 100.9
RMS x 55.15
RMS y 66.28
side N [adc counts]
side P [adc counts]

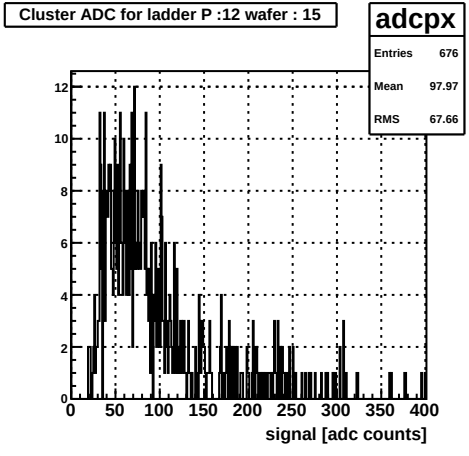

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1321
Mean 53.57
RMS 54.61
signal [adc counts]

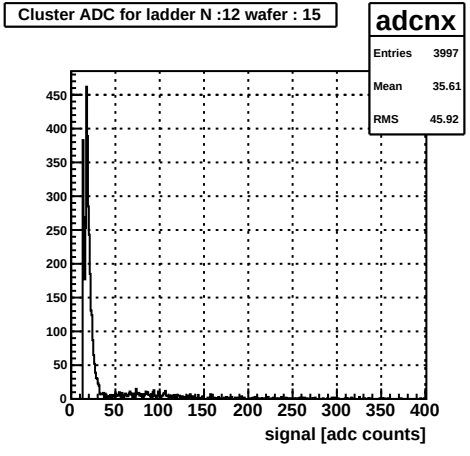

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 4870
Mean 30.93
RMS 23.66
signal [adc counts]

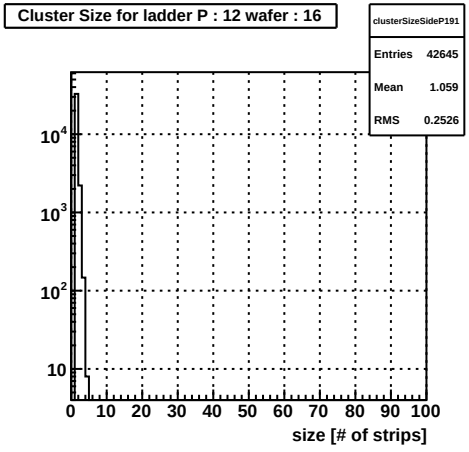

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 676
Mean 1.355
RMS 0.6824
size [# of strips]

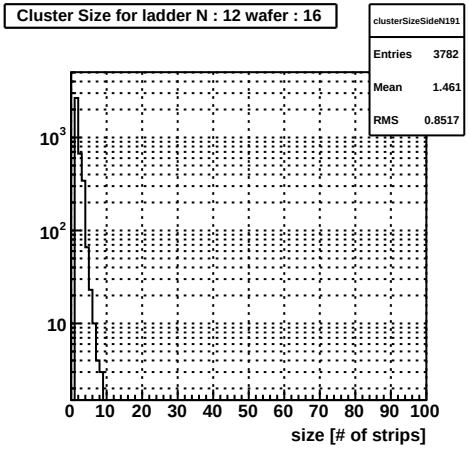

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3997
Mean 1.175
RMS 0.5249
size [# of strips]

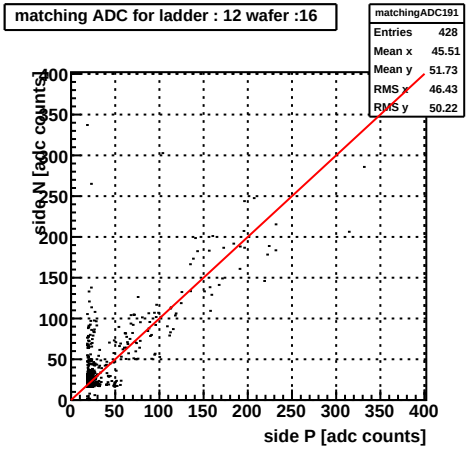

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 583
Mean x 109.1
Mean y 112.7
RMS x 69.66
RMS y 64.99
side N [adc counts]
side P [adc counts]

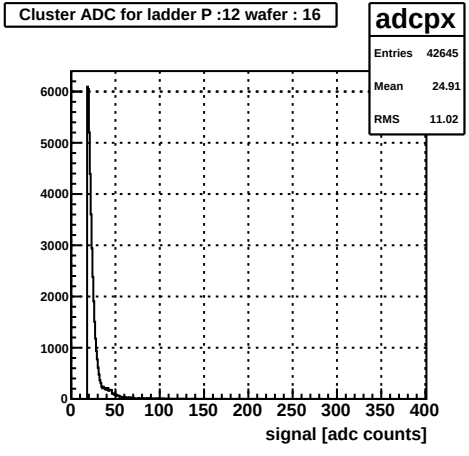

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 676
Mean 97.97
RMS 67.66
signal [adc counts]

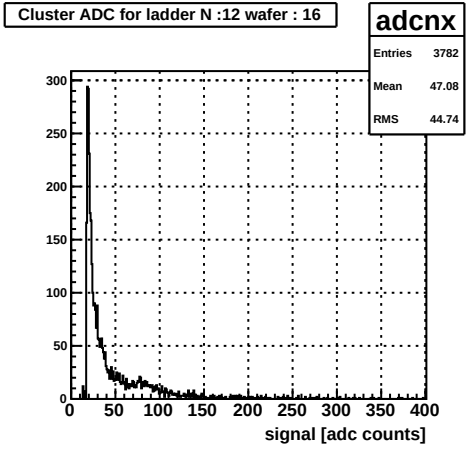

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3997
Mean 35.61
RMS 45.92
signal [adc counts]

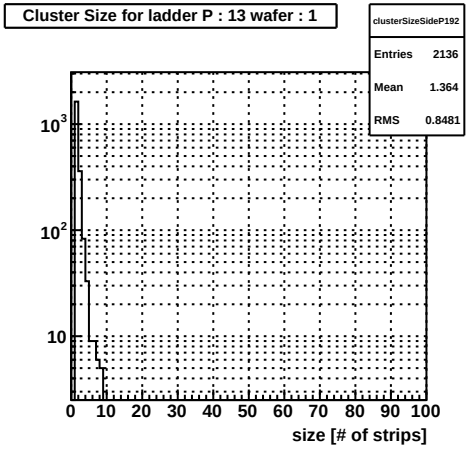

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 42645
Mean 1.059
RMS 0.2526
size [# of strips]

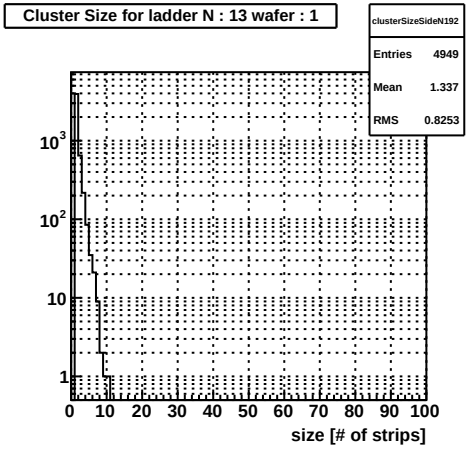

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3782
Mean 1.461
RMS 0.8517
size [# of strips]

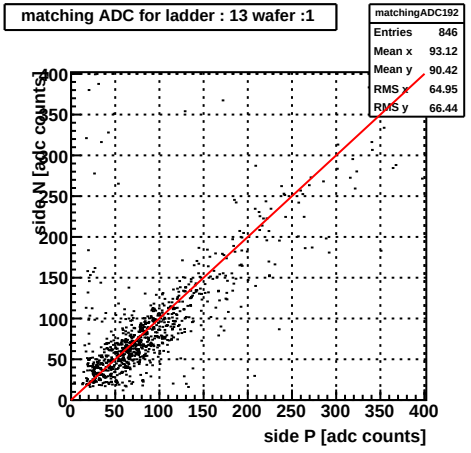

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 428
Mean x 45.51
Mean y 51.73
RMS x 46.43
RMS y 50.22
side N [adc counts]
side P [adc counts]

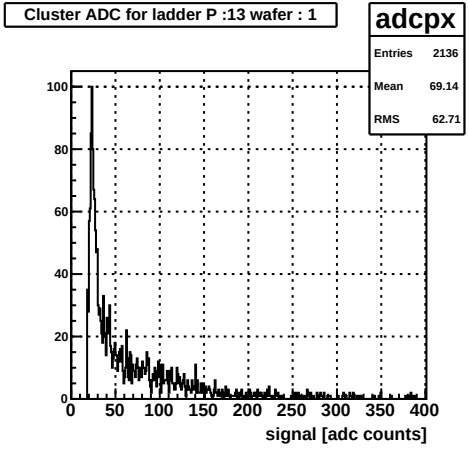

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 42645
Mean 24.91
RMS 11.02
signal [adc counts]

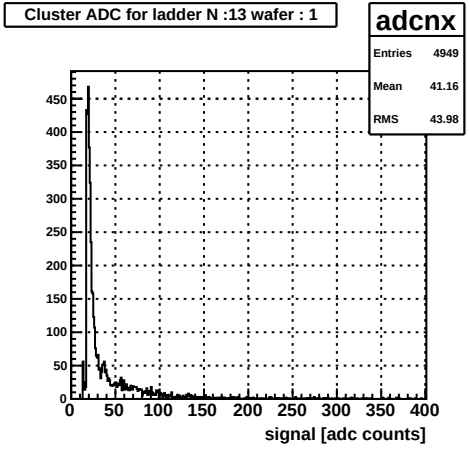

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3782
Mean 47.08
RMS 44.74
signal [adc counts]

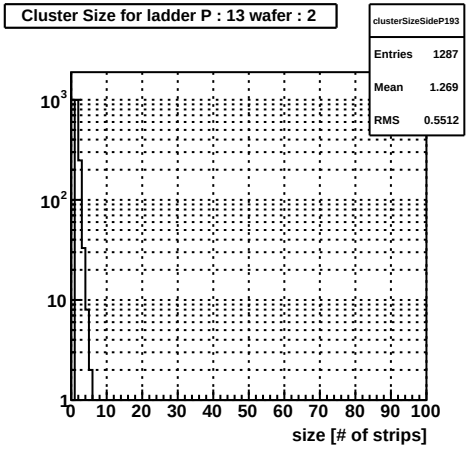

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2136
Mean 1.364
RMS 0.8481
size [# of strips]

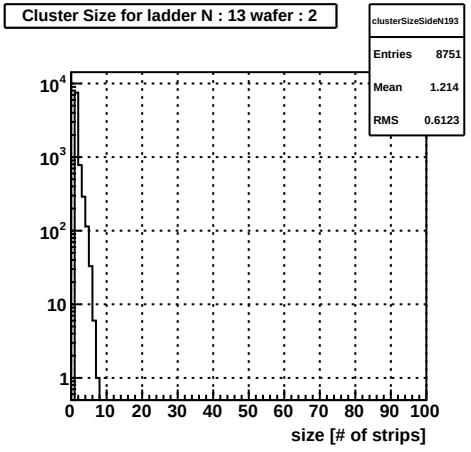

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 4949
Mean 1.337
RMS 0.8253
size [# of strips]

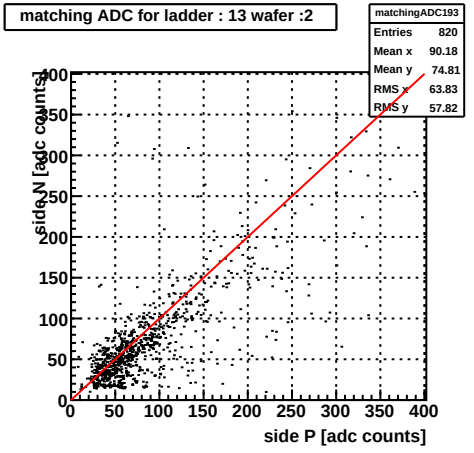

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 846
Mean x 93.12
Mean y 90.42
RMS x 64.95
RMS y 66.44
side N [adc counts]
side P [adc counts]

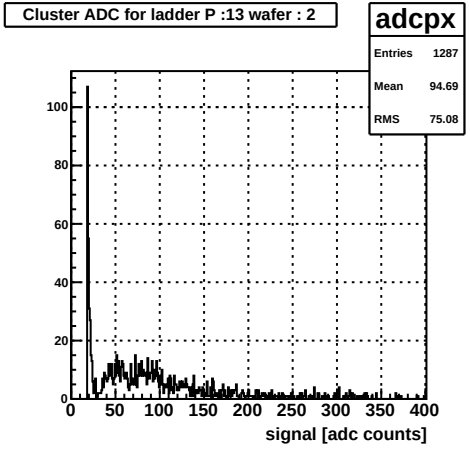

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2136
Mean 69.14
RMS 62.71
signal [adc counts]

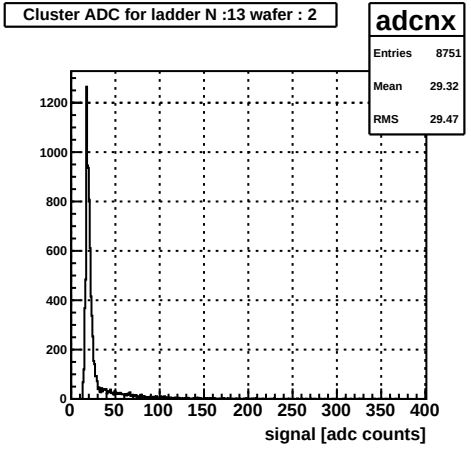

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 4949
Mean 41.16
RMS 43.98
signal [adc counts]

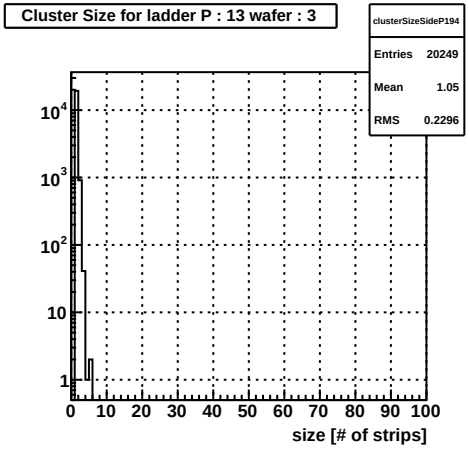

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1287
Mean 1.269
RMS 0.5512
size [# of strips]

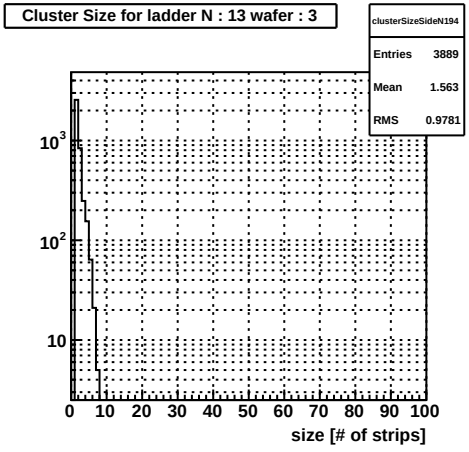

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8751
Mean 1.214
RMS 0.6123
size [# of strips]

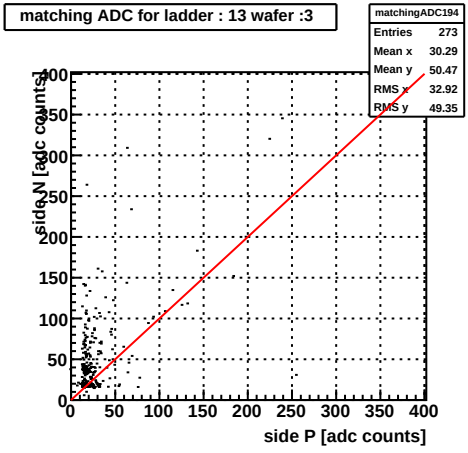

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 820
Mean x 90.18
Mean y 74.81
RMS x 63.83
RMS y 57.82
side N [adc counts]
side P [adc counts]

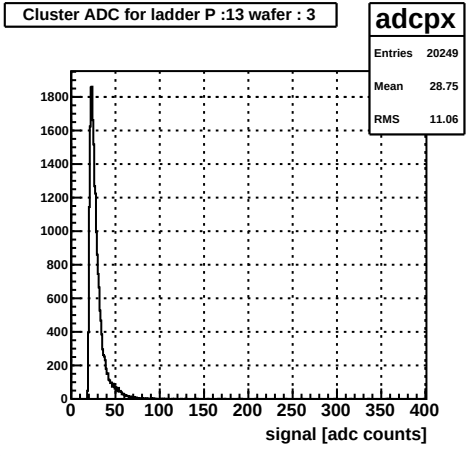

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1287
Mean 94.69
RMS 75.08
signal [adc counts]

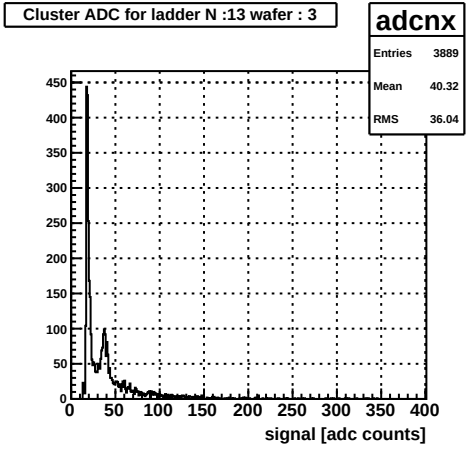

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8751
Mean 29.32
RMS 29.47
signal [adc counts]

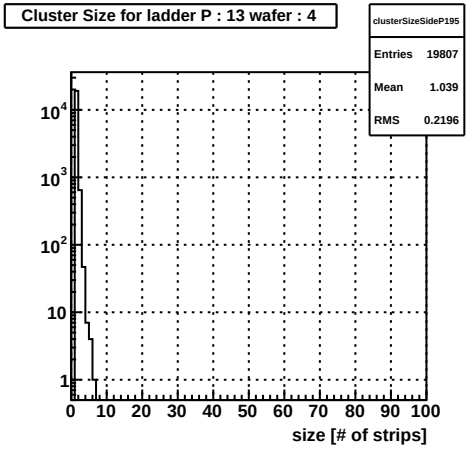

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 20249
Mean 1.05
RMS 0.2296
size [# of strips]

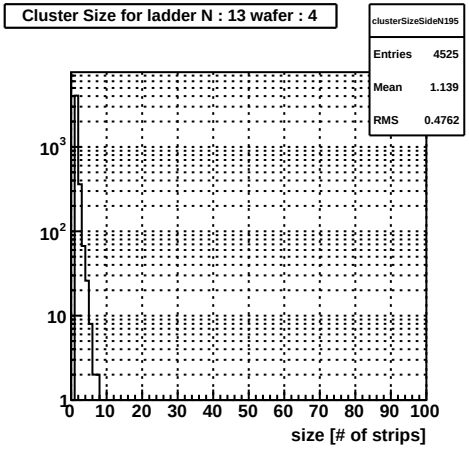

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3889
Mean 1.563
RMS 0.9781
size [# of strips]

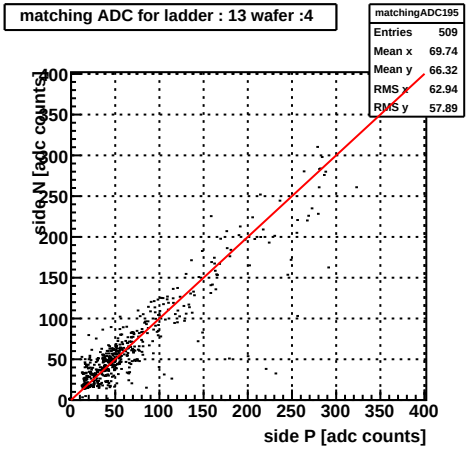

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 273
Mean x 30.29
Mean y 50.47
RMS x 32.92
RMS y 49.35
side N [adc counts]
side P [adc counts]

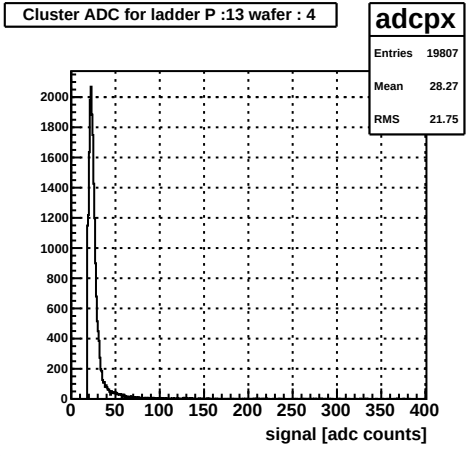

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 20249
Mean 28.75
RMS 11.06
signal [adc counts]

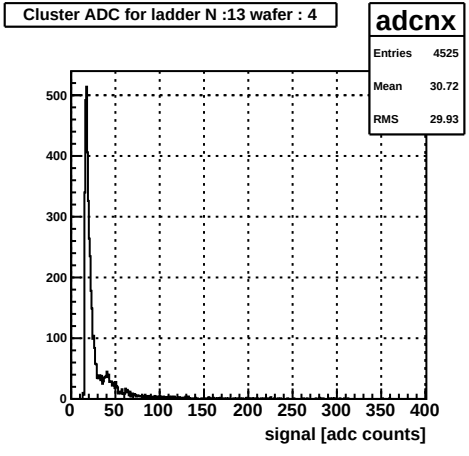

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3889
Mean 40.32
RMS 36.04
signal [adc counts]

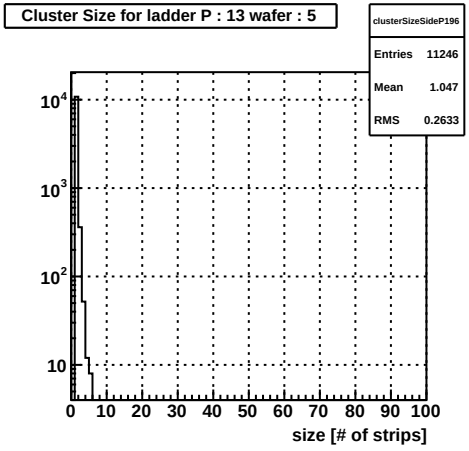

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 19807
Mean 1.039
RMS 0.2196
size [# of strips]

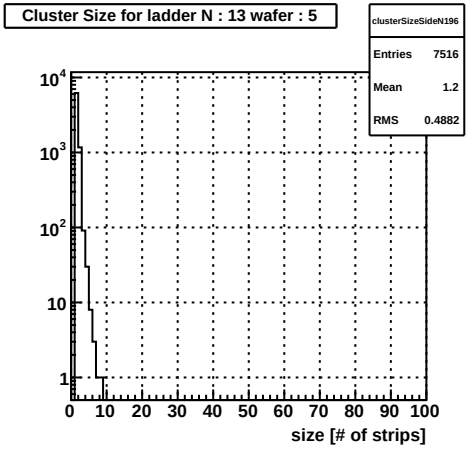

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4525
Mean 1.139
RMS 0.4762
size [# of strips]

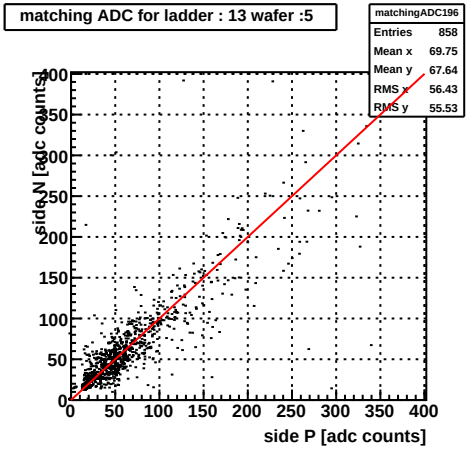

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 509
Mean x 69.74
Mean y 66.32
RMS x 62.94
RMS y 57.89
side N [adc counts]
side P [adc counts]

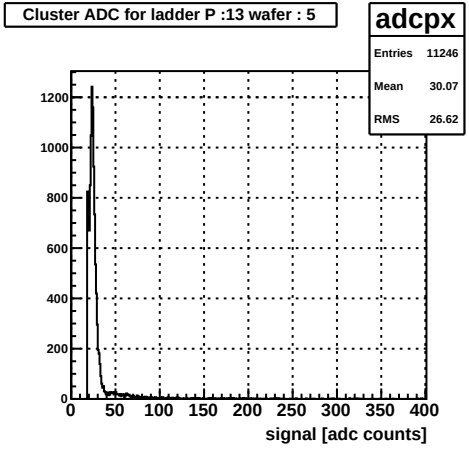

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 19807
Mean 28.27
RMS 21.75
signal [adc counts]

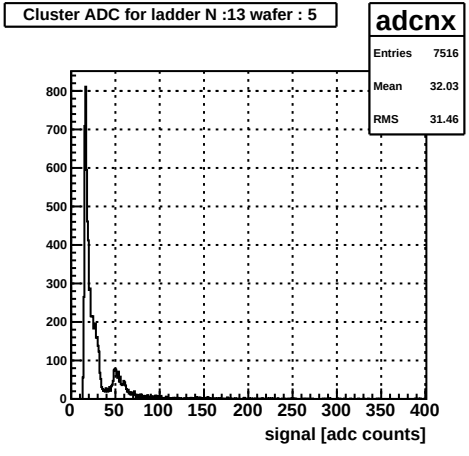

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4525
Mean 30.72
RMS 29.93
signal [adc counts]

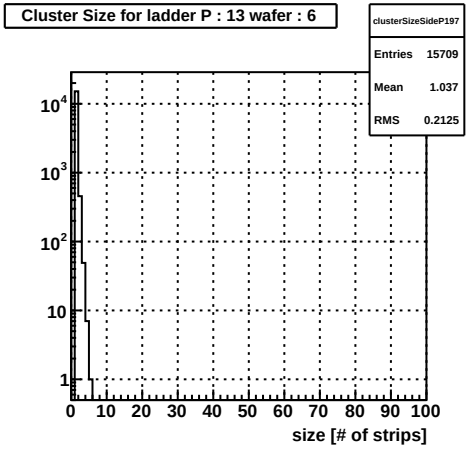

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 11246
Mean 1.047
RMS 0.2633
size [# of strips]

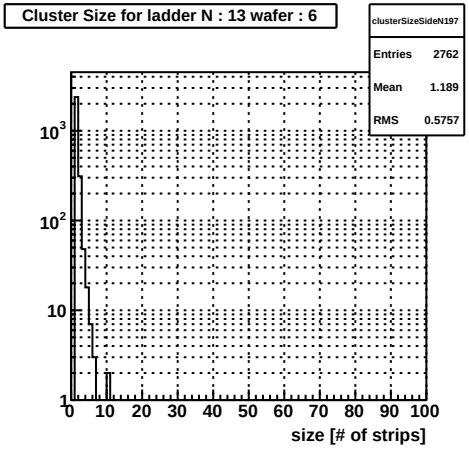

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 7516
Mean 1.2
RMS 0.4882
size [# of strips]

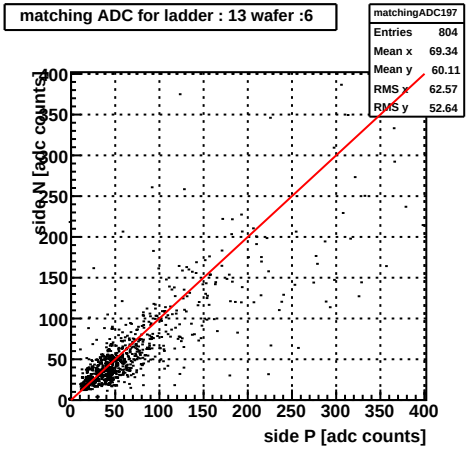

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 858
Mean x 69.75
Mean y 67.64
RMS x 56.43
RMS y 55.53
side N [adc counts]
side P [adc counts]

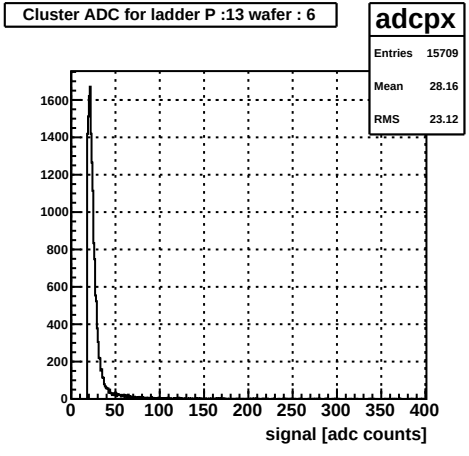

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 11246
Mean 30.07
RMS 26.62
signal [adc counts]

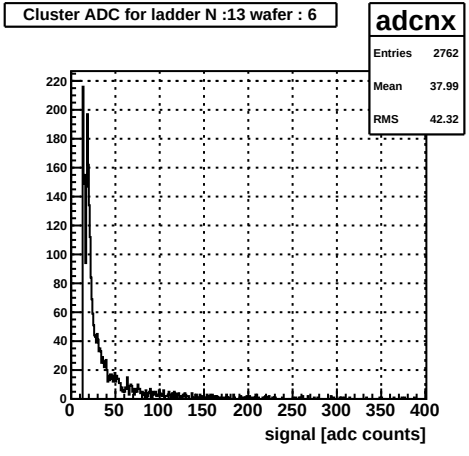

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 7516
Mean 32.03
RMS 31.46
signal [adc counts]

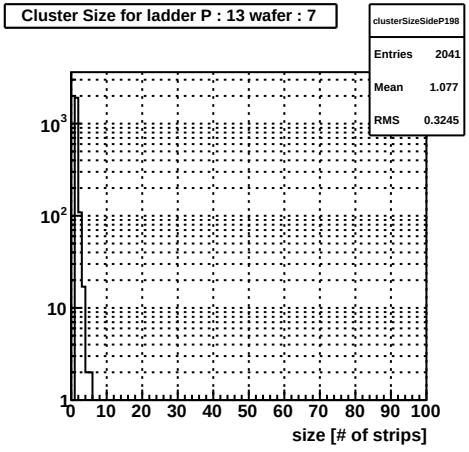

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 15709
Mean 1.037
RMS 0.2125
size [# of strips]

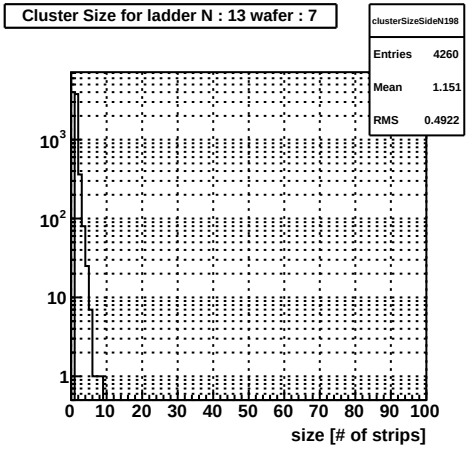

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2762
Mean 1.189
RMS 0.5757
size [# of strips]

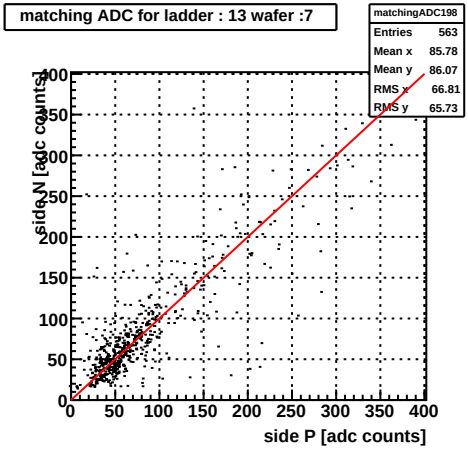

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 804
Mean x 69.34
Mean y 60.11
RMS x 62.57
RMS y 52.64
side N [adc counts]
side P [adc counts]

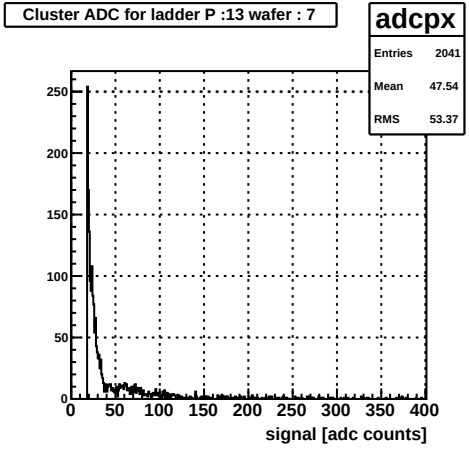

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 15709
Mean 28.16
RMS 23.12
signal [adc counts]

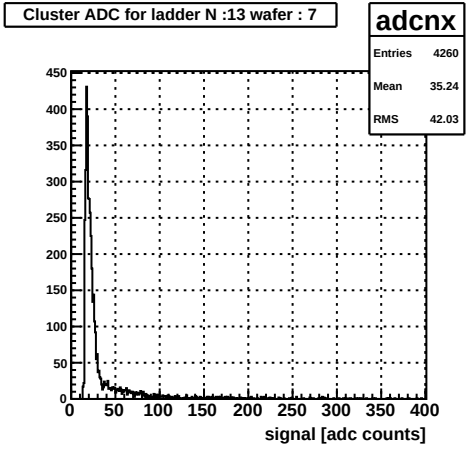

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2762
Mean 37.99
RMS 42.32
signal [adc counts]

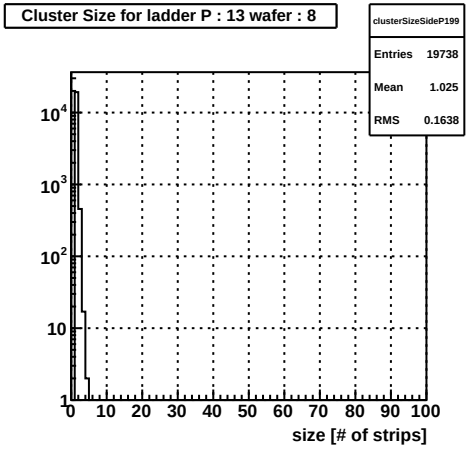

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2041
Mean 1.077
RMS 0.3245
size [# of strips]

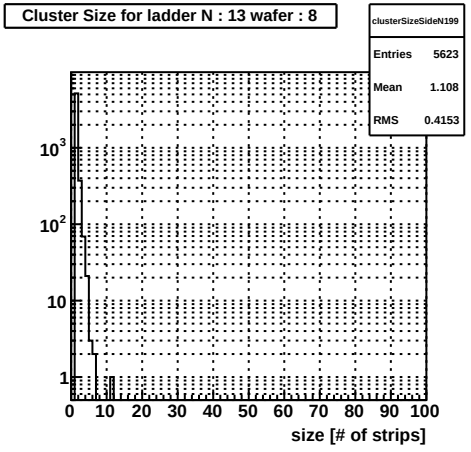

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4260
Mean 1.151
RMS 0.4922
size [# of strips]

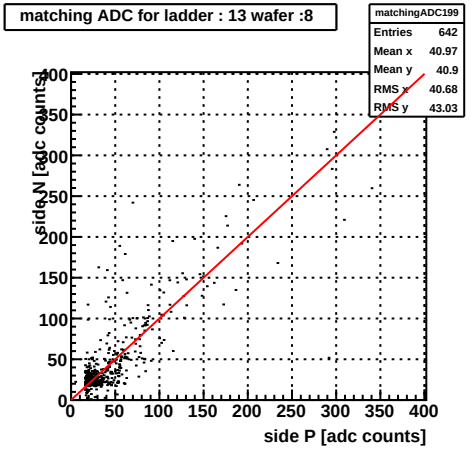

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 563
Mean x 85.78
Mean y 86.07
RMS x 66.81
RMS y 65.73
side N [adc counts]
side P [adc counts]

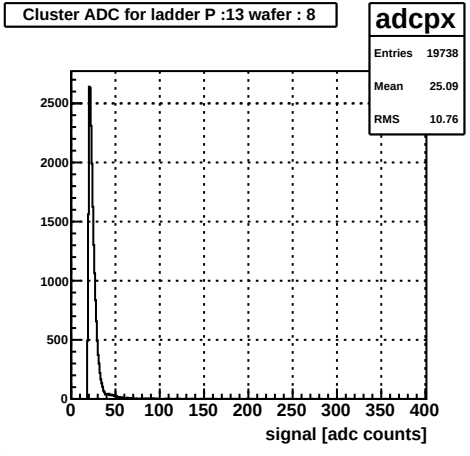

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2041
Mean 47.54
RMS 53.37
signal [adc counts]

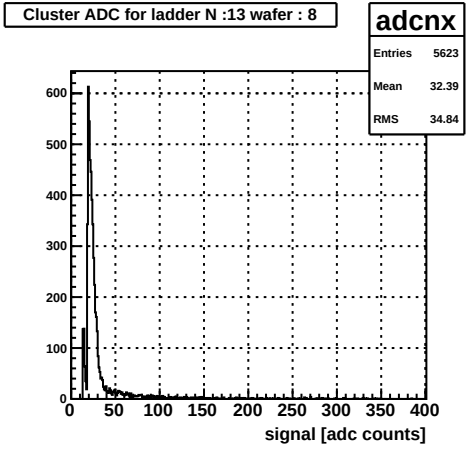

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4260
Mean 35.24
RMS 42.03
signal [adc counts]

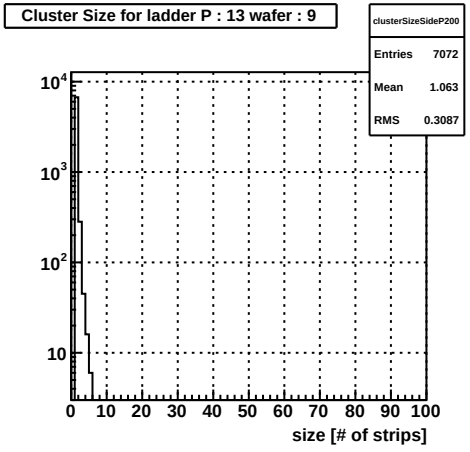

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 19738
Mean 1.025
RMS 0.1638
size [# of strips]

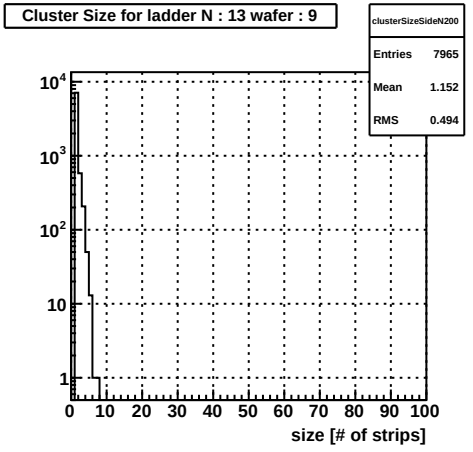

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5623
Mean 1.108
RMS 0.4153
size [# of strips]

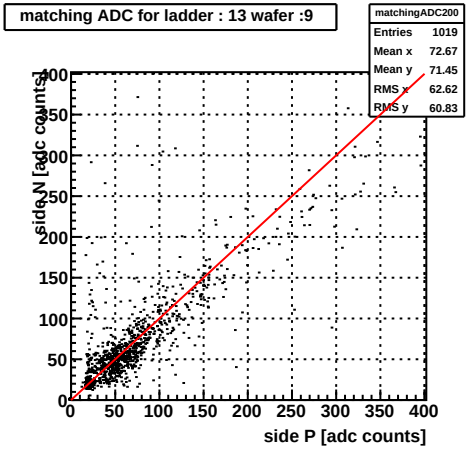

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 642
Mean x 40.97
Mean y 40.9
RMS x 40.68
RMS y 43.03
side N [adc counts]
side P [adc counts]

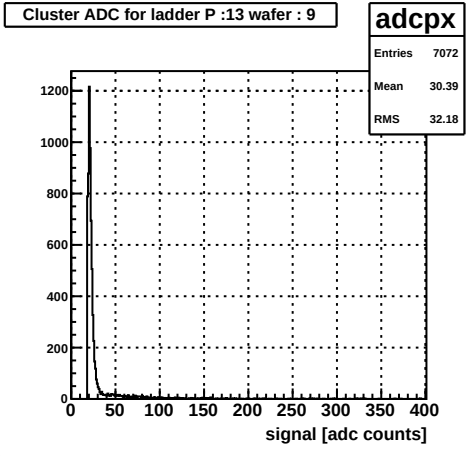

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 19738
Mean 25.09
RMS 10.76
signal [adc counts]

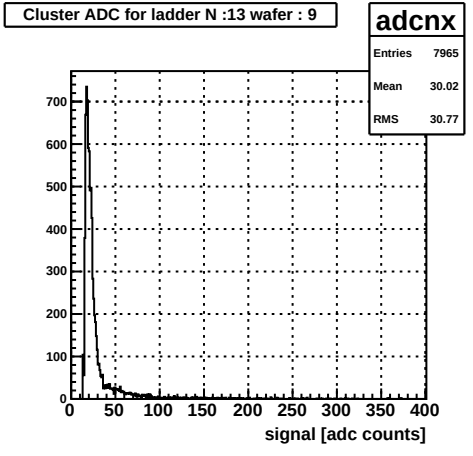

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5623
Mean 32.39
RMS 34.84
signal [adc counts]

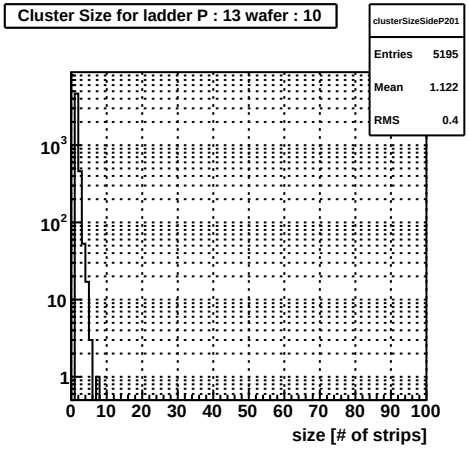

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 7072
Mean 1.063
RMS 0.3087
size [# of strips]

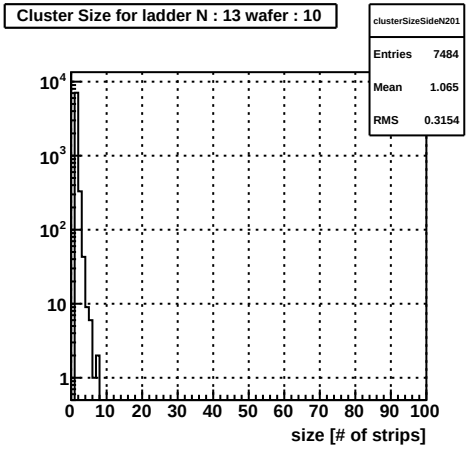

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 7965
Mean 1.152
RMS 0.494
size [# of strips]

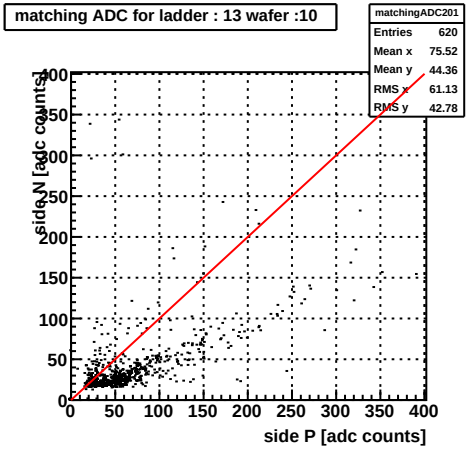

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1019
Mean x 72.67
Mean y 71.45
RMS x 62.62
RMS y 60.83
side N [adc counts]
side P [adc counts]

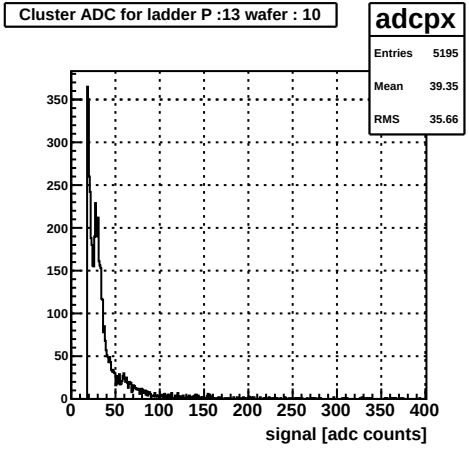

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 7072
Mean 30.39
RMS 32.18
signal [adc counts]

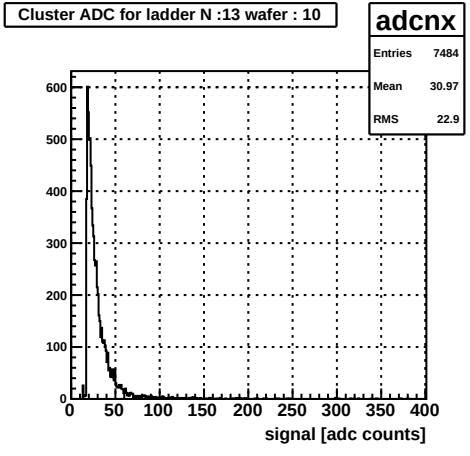

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 7965
Mean 30.02
RMS 30.77
signal [adc counts]

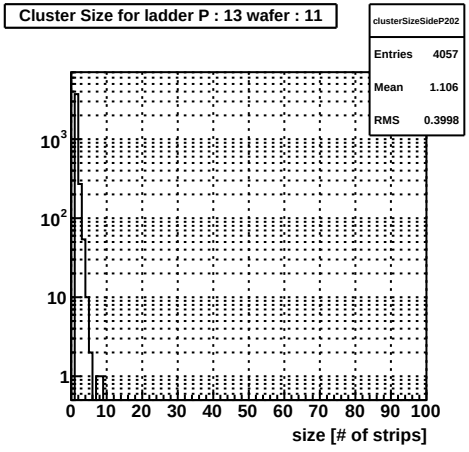

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 5195
Mean 1.122
RMS 0.4
size [# of strips]

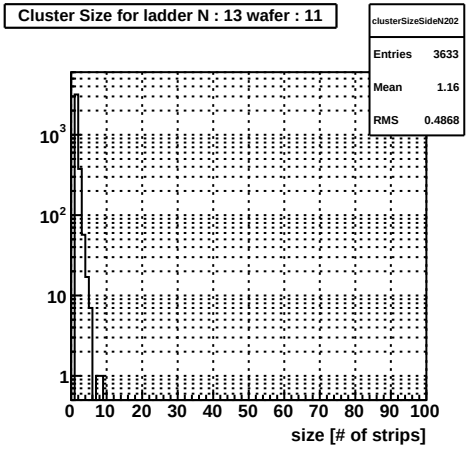

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 7484
Mean 1.065
RMS 0.3154
size [# of strips]

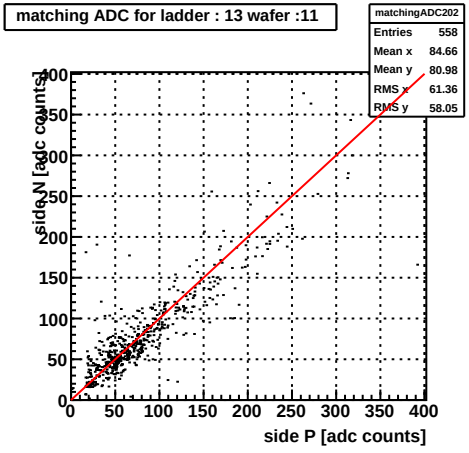

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 620
Mean x 75.52
Mean y 44.36
RMS x 61.13
RMS y 42.78
side N [adc counts]
side P [adc counts]

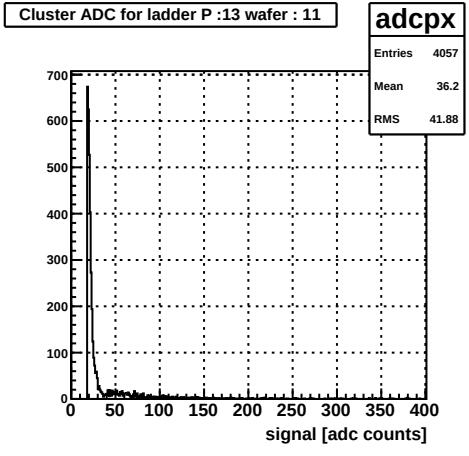

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 5195
Mean 39.35
RMS 35.66
signal [adc counts]

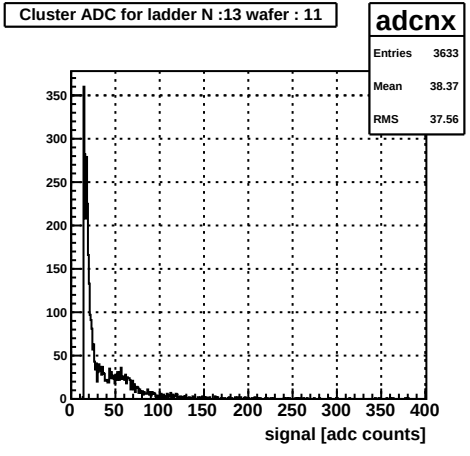

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 7484
Mean 30.97
RMS 22.9
signal [adc counts]

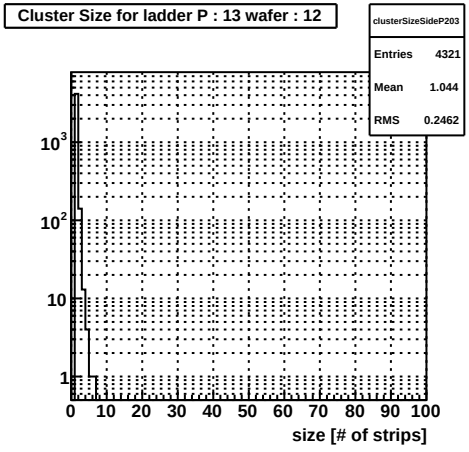

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4057
Mean 1.106
RMS 0.3998
size [# of strips]

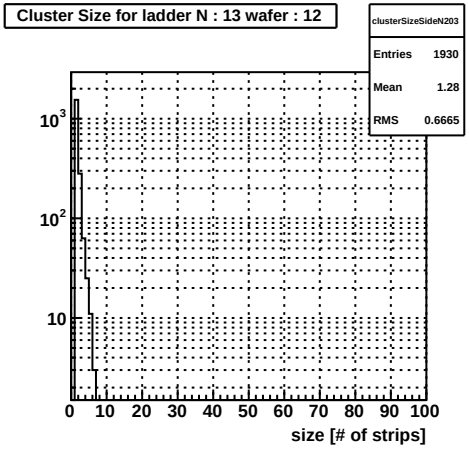

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3633
Mean 1.16
RMS 0.4868
size [# of strips]

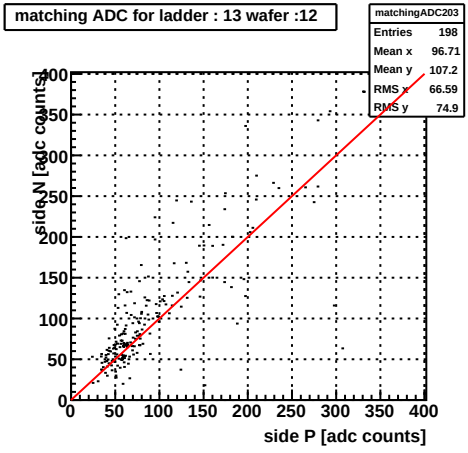

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 558
Mean x 84.66
Mean y 80.98
RMS x 61.36
RMS y 58.05
side N [adc counts]
side P [adc counts]

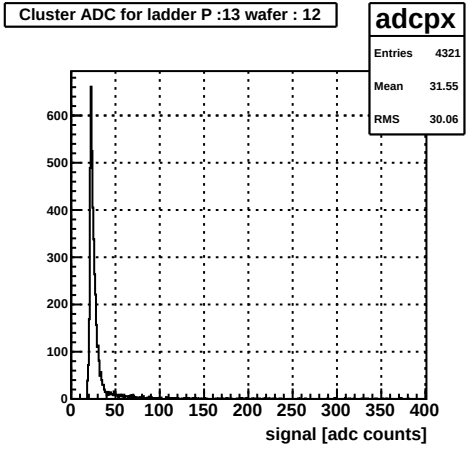

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4057
Mean 36.2
RMS 41.88
signal [adc counts]

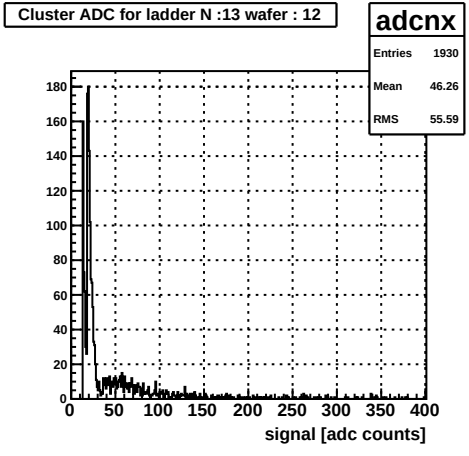

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3633
Mean 38.37
RMS 37.56
signal [adc counts]

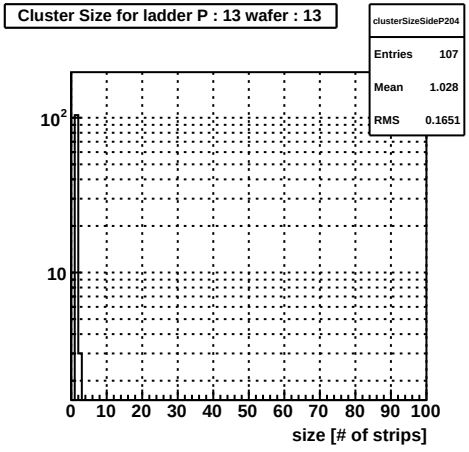

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4321
Mean 1.044
RMS 0.2462
size [# of strips]

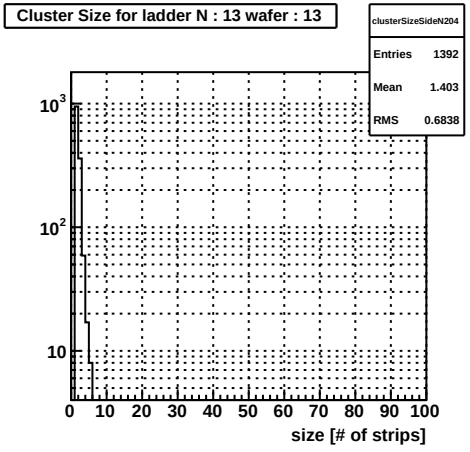

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1930
Mean 1.28
RMS 0.6665
size [# of strips]

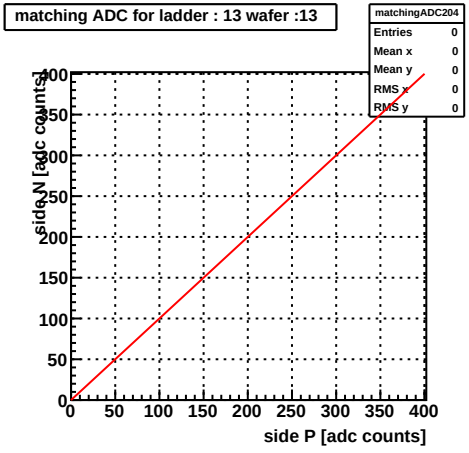

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 198
Mean x 96.71
Mean y 107.2
RMS x 66.59
RMS y 74.9
side N [adc counts]
side P [adc counts]

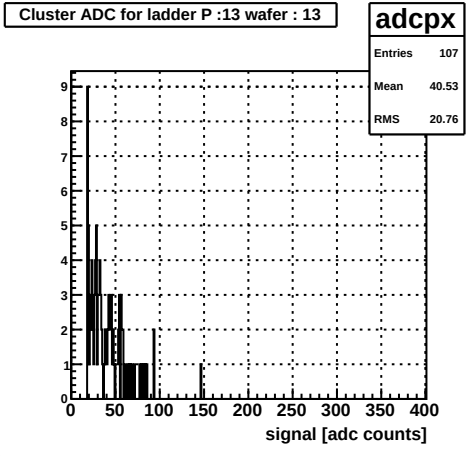

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4321
Mean 31.55
RMS 30.06
signal [adc counts]

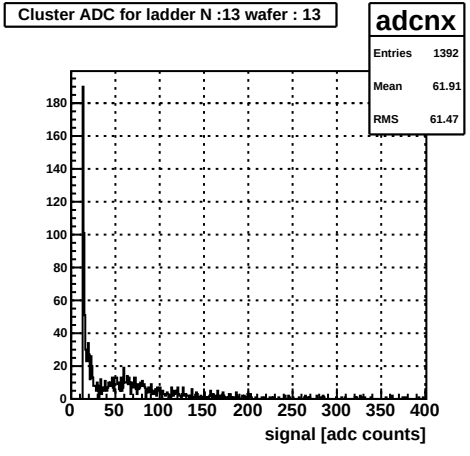

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1930
Mean 46.26
RMS 55.59
signal [adc counts]

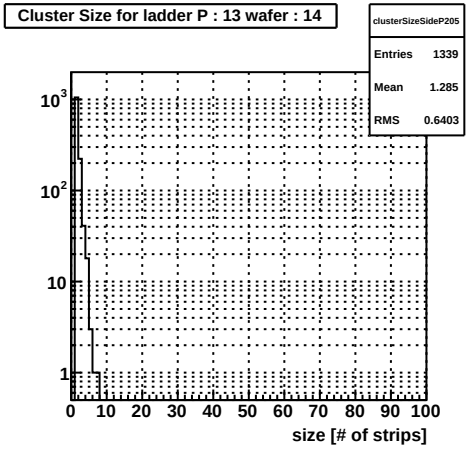

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 107
Mean 1.028
RMS 0.1651
size [# of strips]

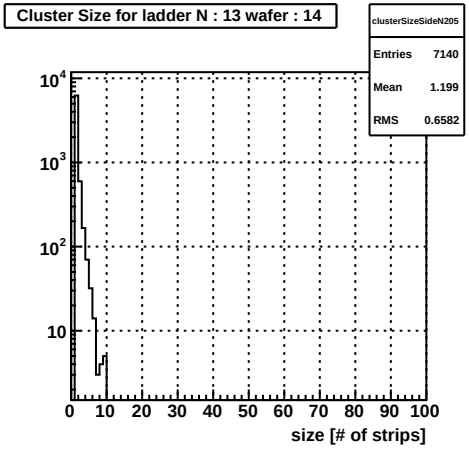

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1392
Mean 1.403
RMS 0.6838
size [# of strips]

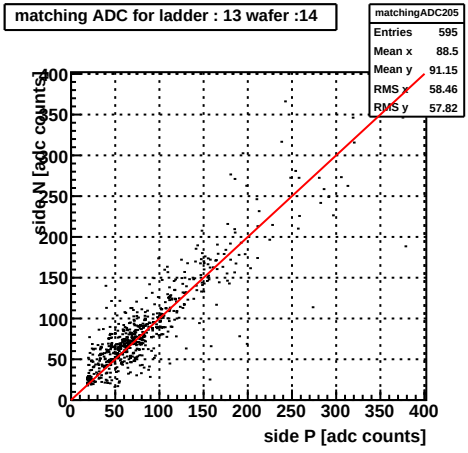

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

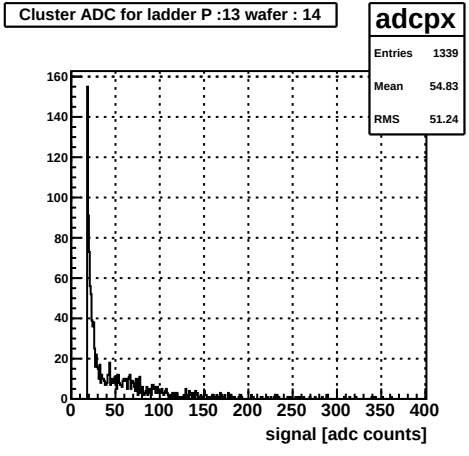

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 107
Mean 40.53
RMS 20.76
signal [adc counts]

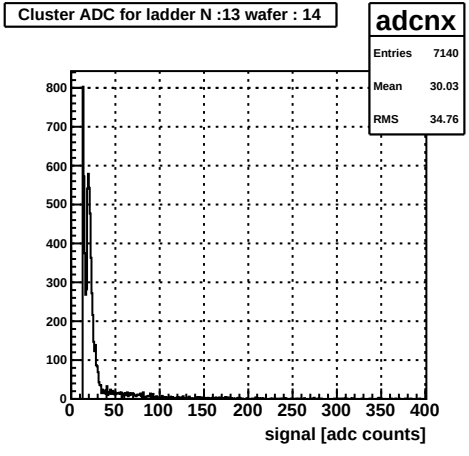

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1392
Mean 61.91
RMS 61.47
signal [adc counts]

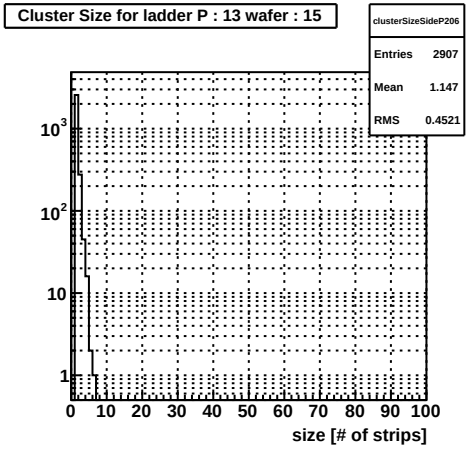

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1339
Mean 1.285
RMS 0.6403
size [# of strips]

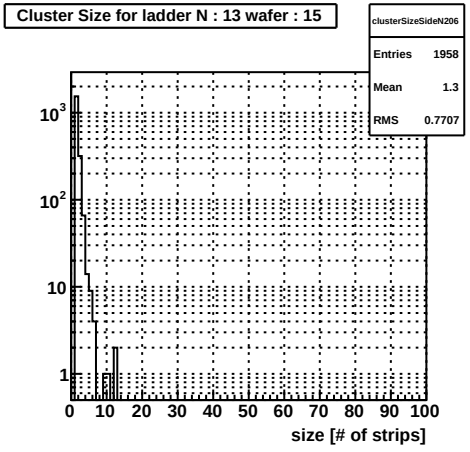

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 7140
Mean 1.199
RMS 0.6582
size [# of strips]

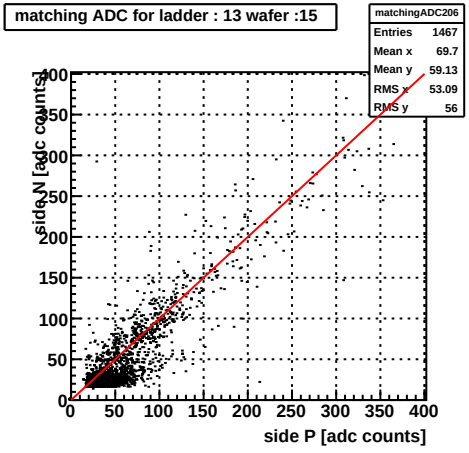

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 595
Mean x 88.5
Mean y 91.15
RMS x 58.46
RMS y 57.82
side N [adc counts]
side P [adc counts]

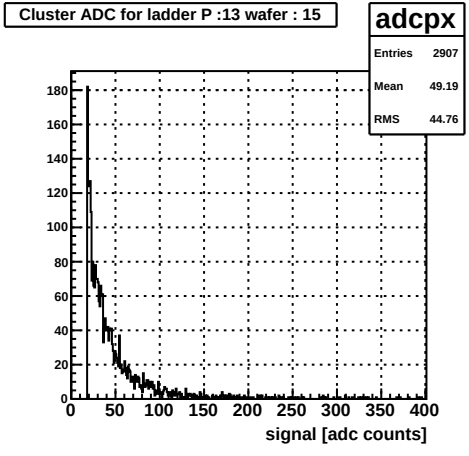

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1339
Mean 54.83
RMS 51.24
signal [adc counts]

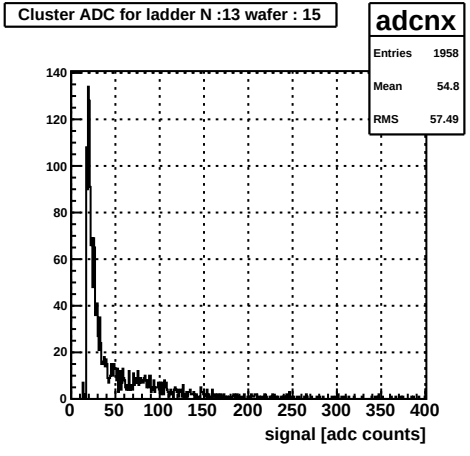

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 7140
Mean 30.03
RMS 34.76
signal [adc counts]

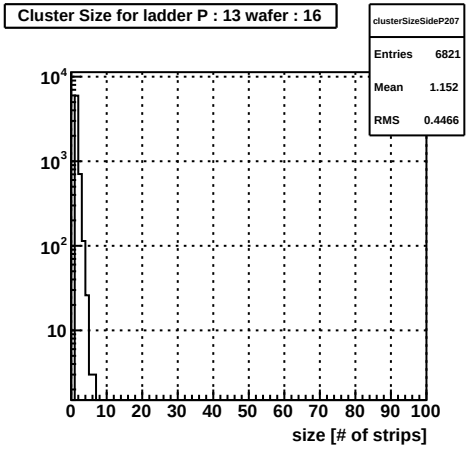

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2907
Mean 1.147
RMS 0.4521
size [# of strips]

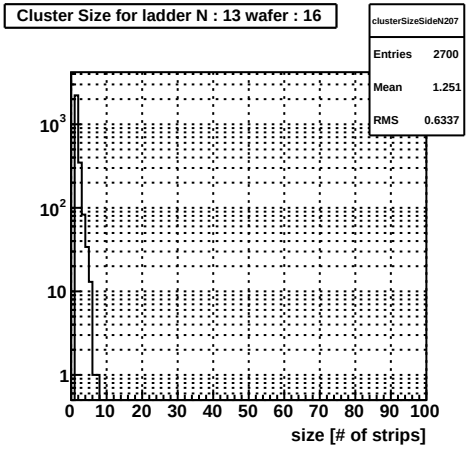

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1958
Mean 1.3
RMS 0.7707
size [# of strips]

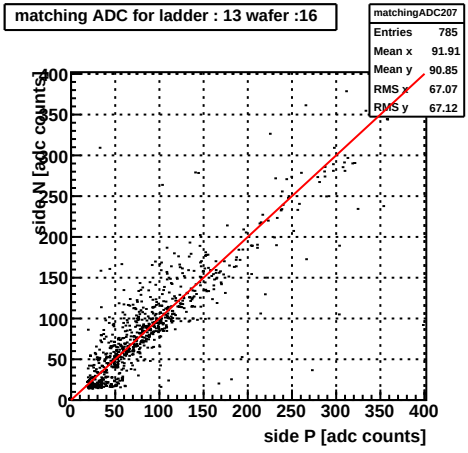

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1467
Mean x 69.7
Mean y 59.13
RMS x 53.09
RMS y 56
side N [adc counts]
side P [adc counts]

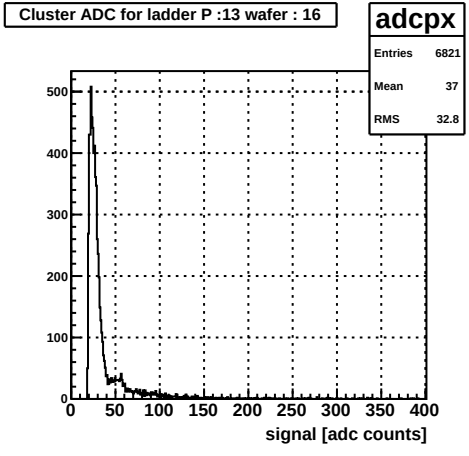

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2907
Mean 49.19
RMS 44.76
signal [adc counts]

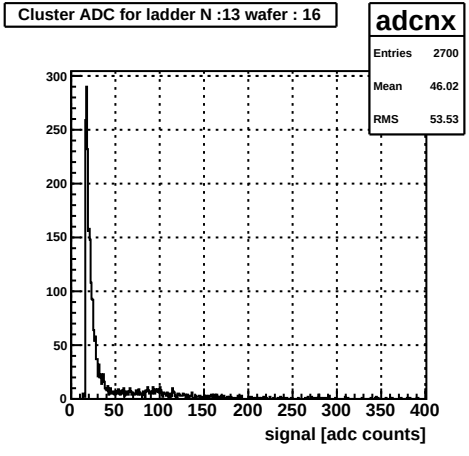

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1958
Mean 54.8
RMS 57.49
signal [adc counts]

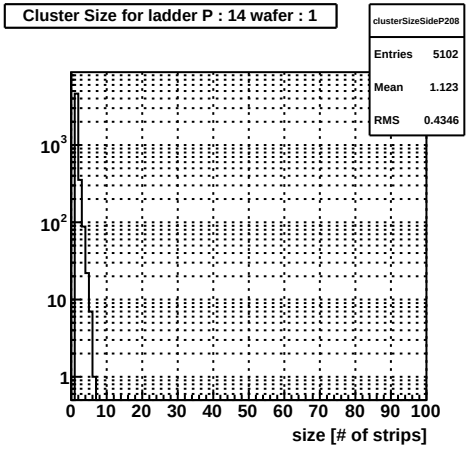

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 6821
Mean 1.152
RMS 0.4466
size [# of strips]

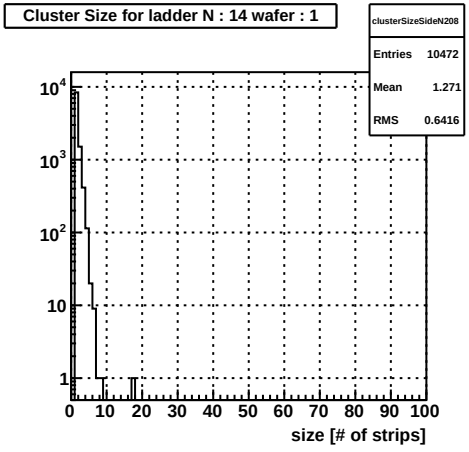

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2700
Mean 1.251
RMS 0.6337
size [# of strips]

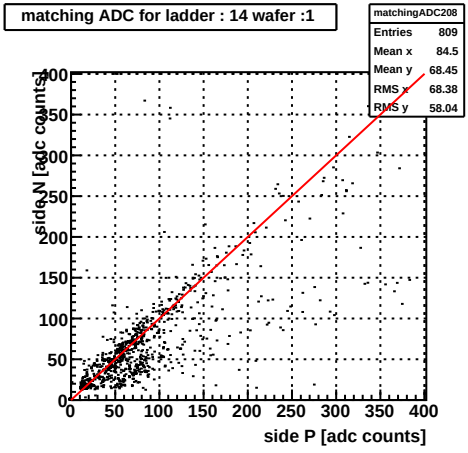

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 785
Mean x 91.91
Mean y 90.85
RMS x 67.07
RMS y 67.12
side N [adc counts]
side P [adc counts]

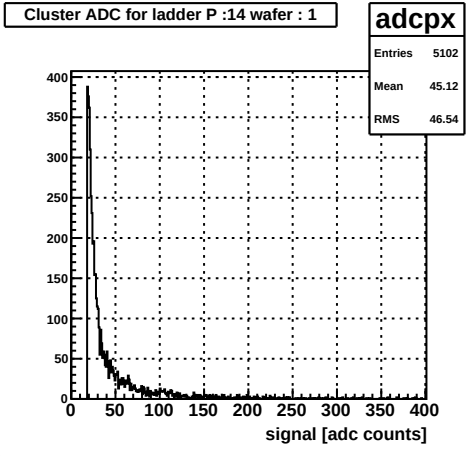

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 6821
Mean 37
RMS 32.8
signal [adc counts]

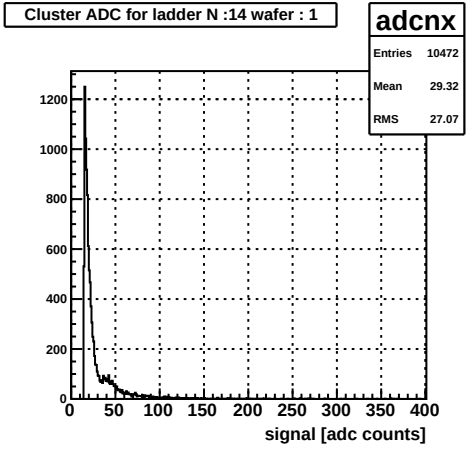

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2700
Mean 46.02
RMS 53.53
signal [adc counts]

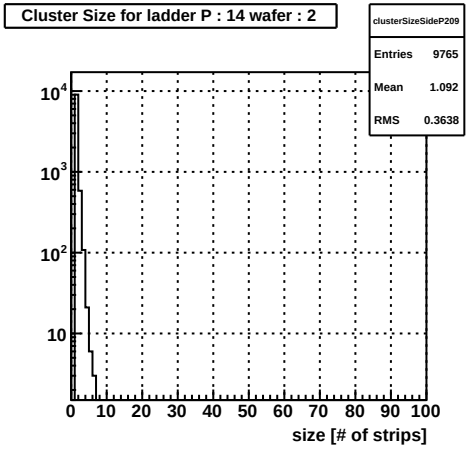

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 5102
Mean 1.123
RMS 0.4346
size [# of strips]

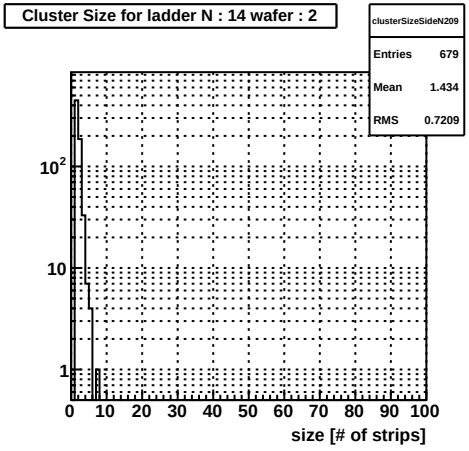

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 10472
Mean 1.271
RMS 0.6416
size [# of strips]

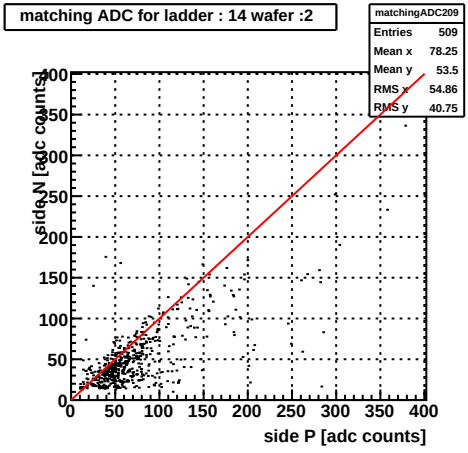

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 809
Mean x 84.5
Mean y 68.45
RMS x 68.38
RMS y 58.04
side N [adc counts]
side P [adc counts]

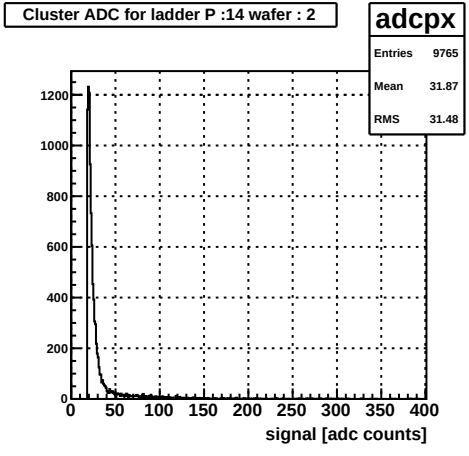

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 5102
Mean 45.12
RMS 46.54
signal [adc counts]

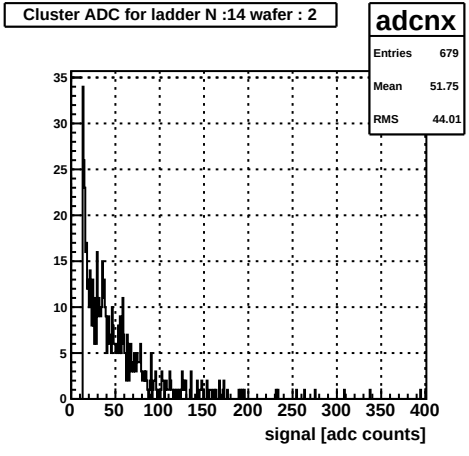

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 10472
Mean 29.32
RMS 27.07
signal [adc counts]

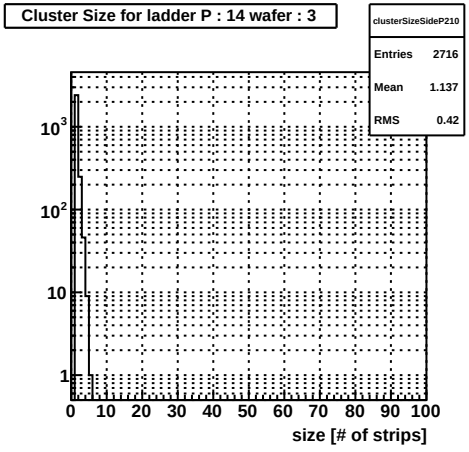

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 9765
Mean 1.092
RMS 0.3638
size [# of strips]

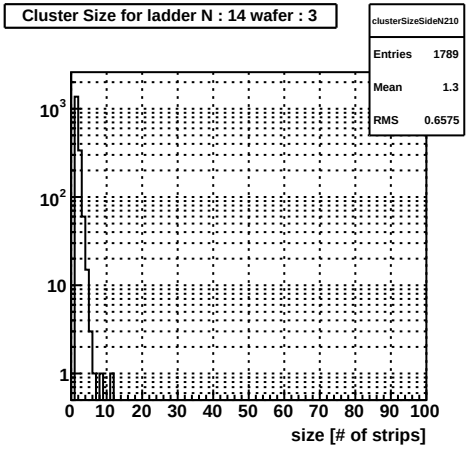

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 679
Mean 1.434
RMS 0.7209
size [# of strips]

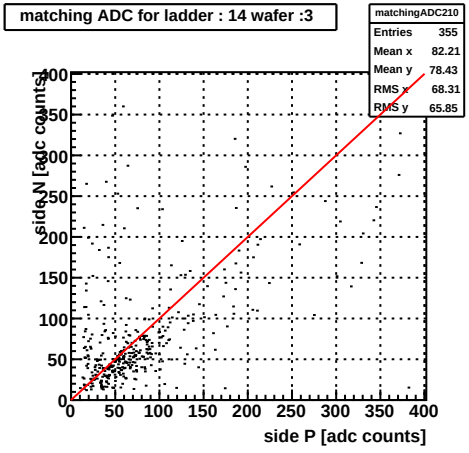

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 509
Mean x 78.25
Mean y 53.5
RMS x 54.86
RMS y 40.75
side N [adc counts]
side P [adc counts]

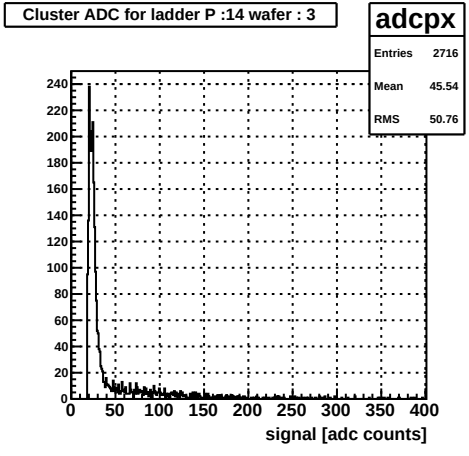

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 9765
Mean 31.87
RMS 31.48
signal [adc counts]

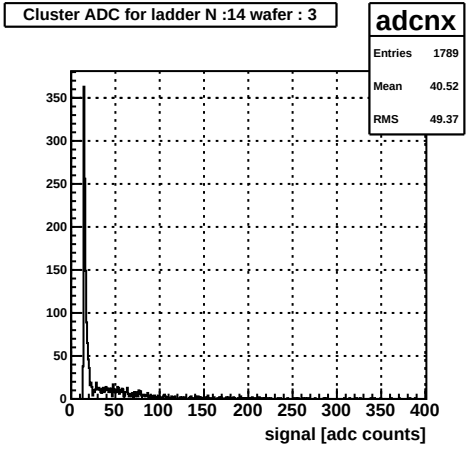

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 679
Mean 51.75
RMS 44.01
signal [adc counts]

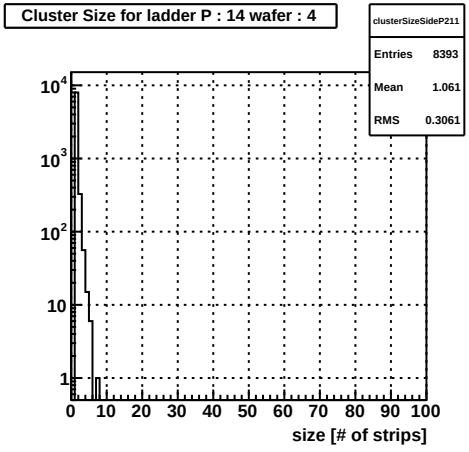

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2716
Mean 1.137
RMS 0.42
size [# of strips]

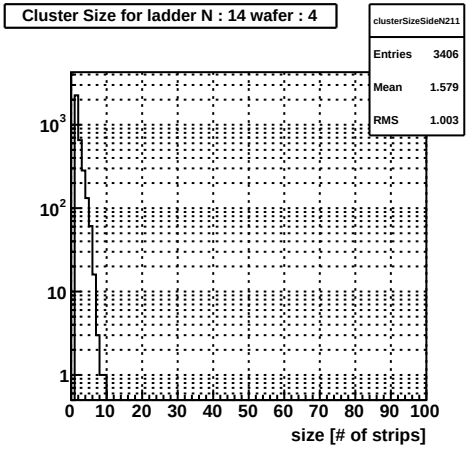

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1789
Mean 1.3
RMS 0.6575
size [# of strips]

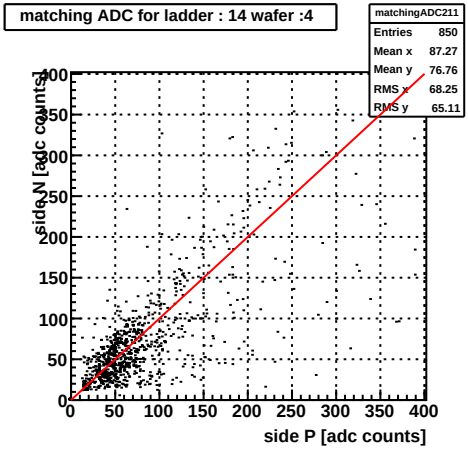

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 355
Mean x 82.21
Mean y 78.43
RMS x 68.31
RMS y 65.85
side N [adc counts]
side P [adc counts]

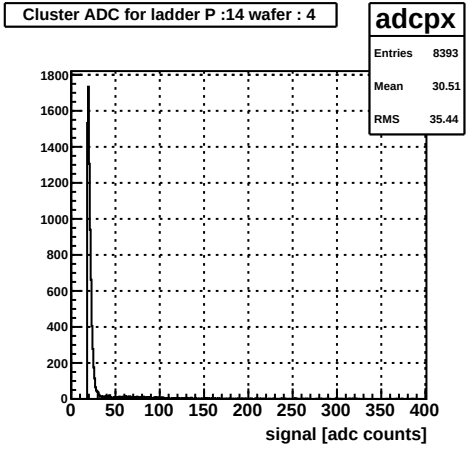

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2716
Mean 45.54
RMS 50.76
signal [adc counts]

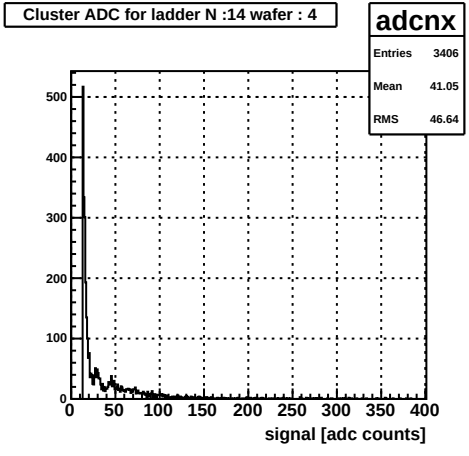

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1789
Mean 40.52
RMS 49.37
signal [adc counts]

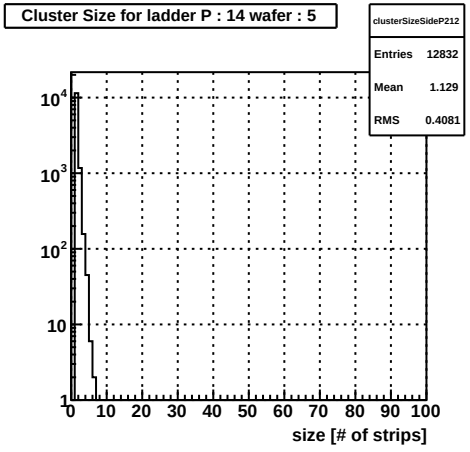

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 8393
Mean 1.061
RMS 0.3061
size [# of strips]

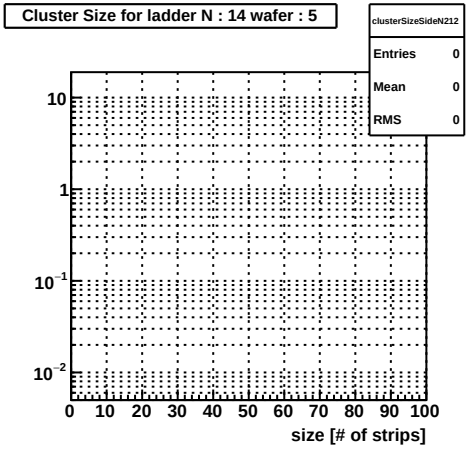

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3406
Mean 1.579
RMS 1.003
size [# of strips]

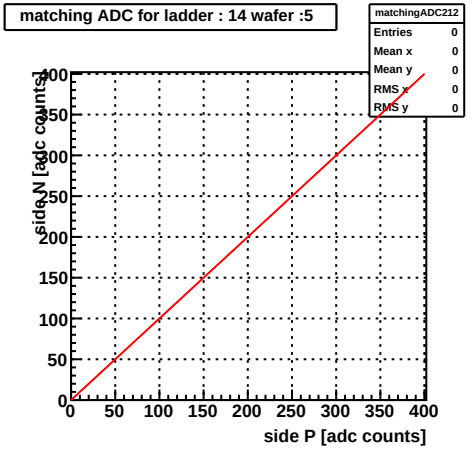

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 850
Mean x 87.27
Mean y 76.76
RMS x 68.25
RMS y 65.11
side N [adc counts]
side P [adc counts]

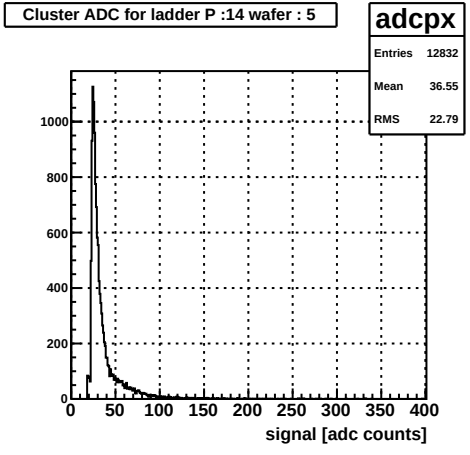

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 8393
Mean 30.51
RMS 35.44
signal [adc counts]

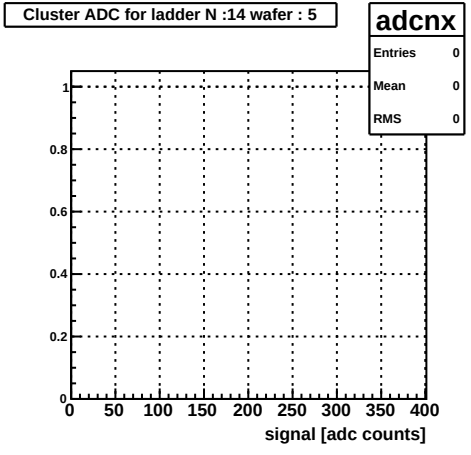

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3406
Mean 41.05
RMS 46.64
signal [adc counts]

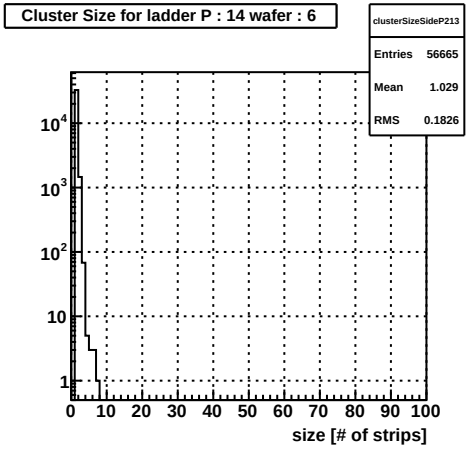

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 12832
Mean 1.129
RMS 0.4081
size [# of strips]

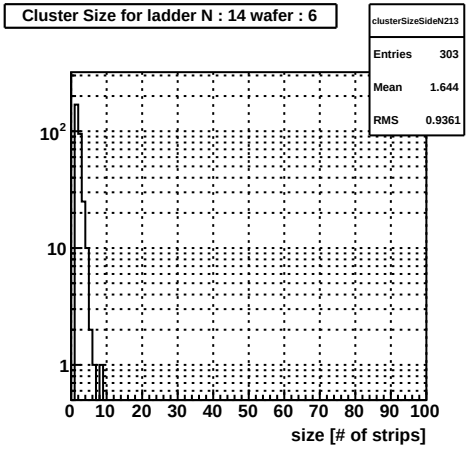

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

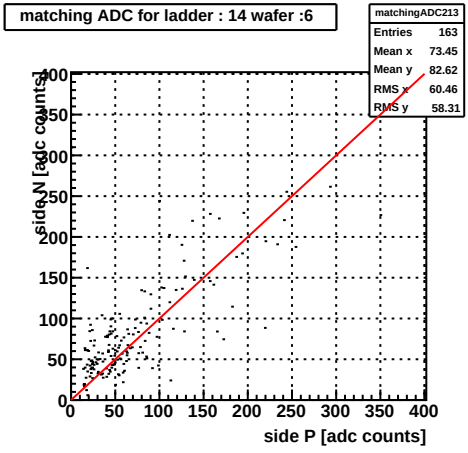

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

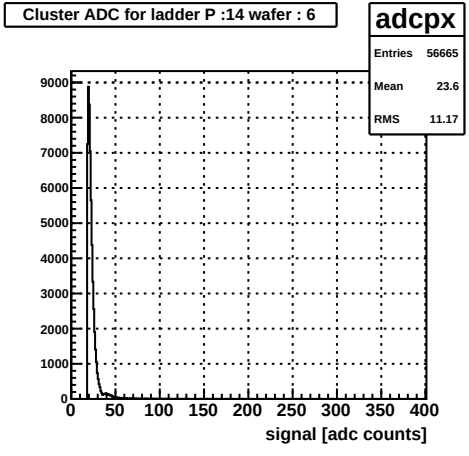

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 12832
Mean 36.55
RMS 22.79
signal [adc counts]

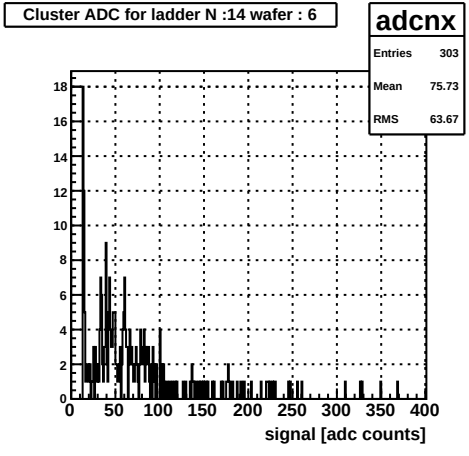

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

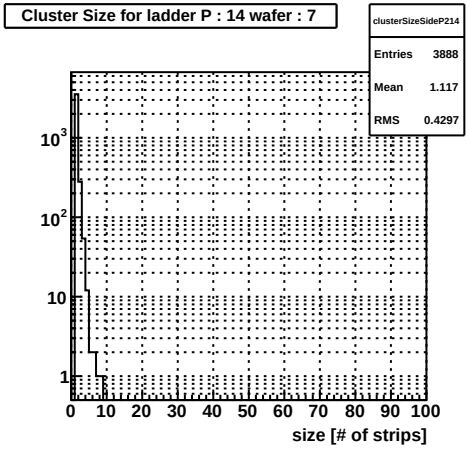

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 56665
Mean 1.029
RMS 0.1826
size [# of strips]

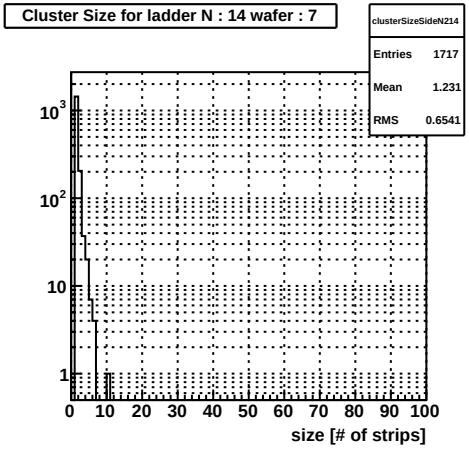

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 303
Mean 1.644
RMS 0.9361
size [# of strips]

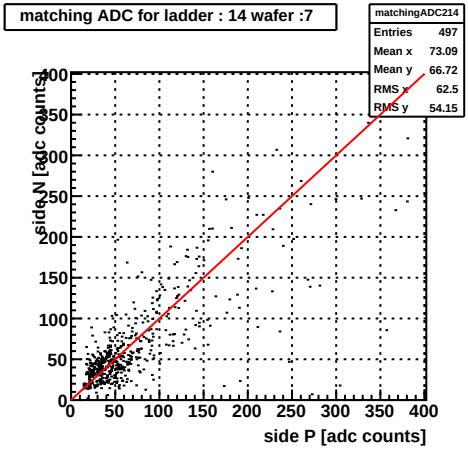

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 163
Mean x 73.45
Mean y 82.62
RMS x 60.46
RMS y 58.31
side N [adc counts]
side P [adc counts]

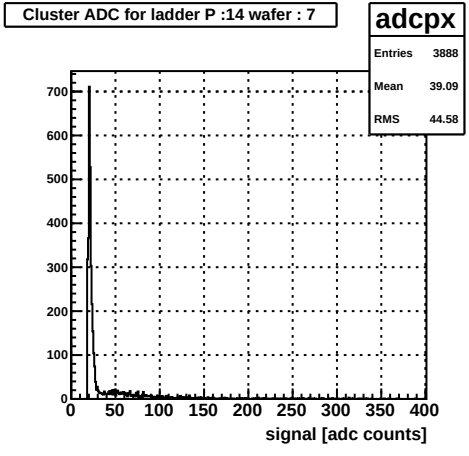

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 56665
Mean 23.6
RMS 11.17
signal [adc counts]

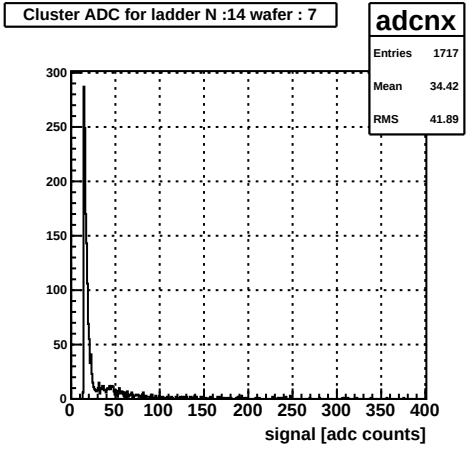

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 303
Mean 75.73
RMS 63.67
signal [adc counts]

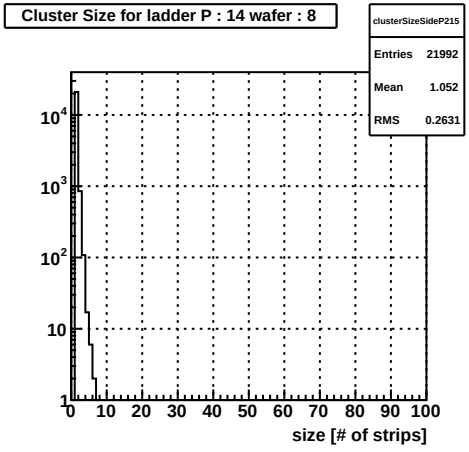

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 3888
Mean 1.117
RMS 0.4297
size [# of strips]

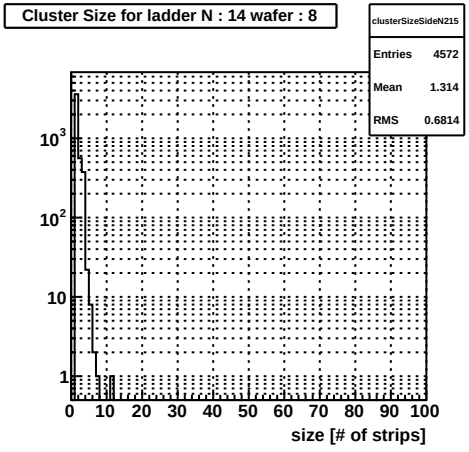

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1717
Mean 1.231
RMS 0.6541
size [# of strips]

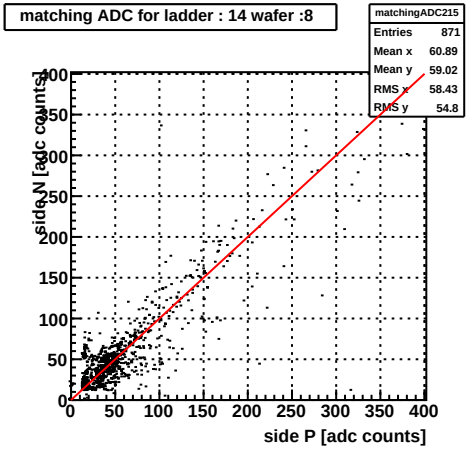

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 497
Mean x 73.09
Mean y 66.72
RMS x 62.5
RMS y 54.15
side N [adc counts]
side P [adc counts]

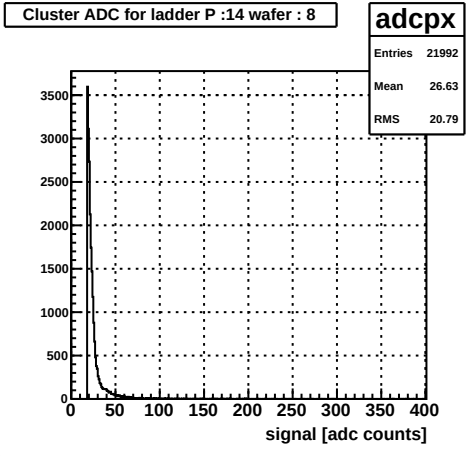

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 3888
Mean 39.09
RMS 44.58
signal [adc counts]

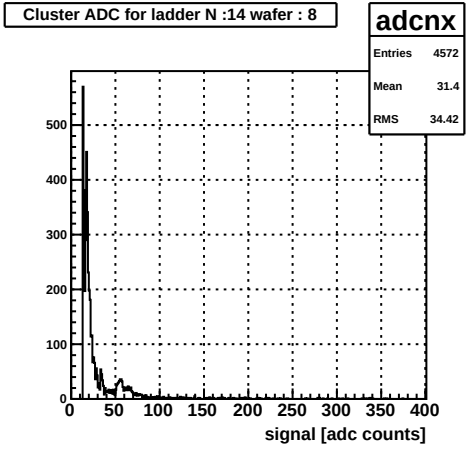

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1717
Mean 34.42
RMS 41.89
signal [adc counts]

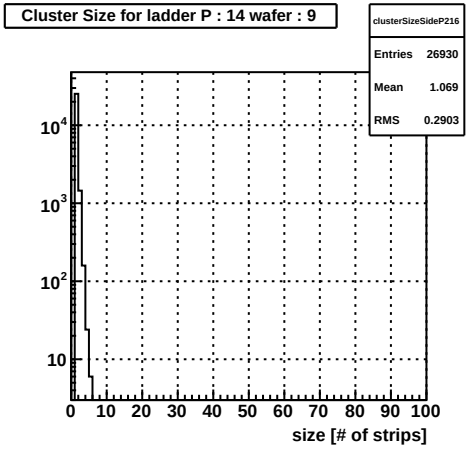

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 21992
Mean 1.052
RMS 0.2631
size [# of strips]

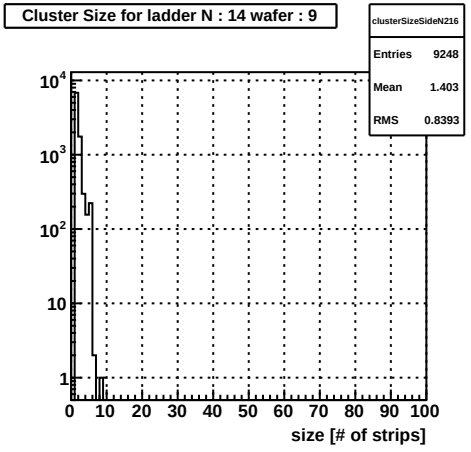

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 4572
Mean 1.314
RMS 0.6814
size [# of strips]

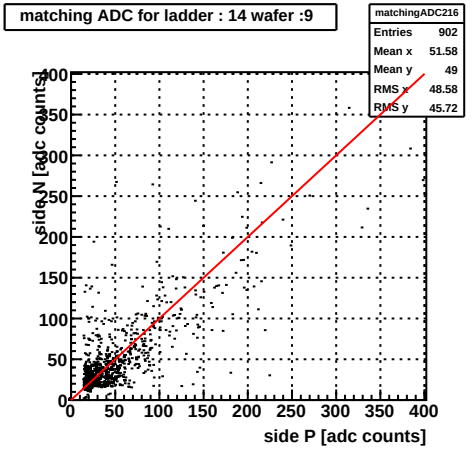

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 871
Mean x 60.89
Mean y 59.02
RMS x 58.43
RMS y 54.8
side N [adc counts]
side P [adc counts]

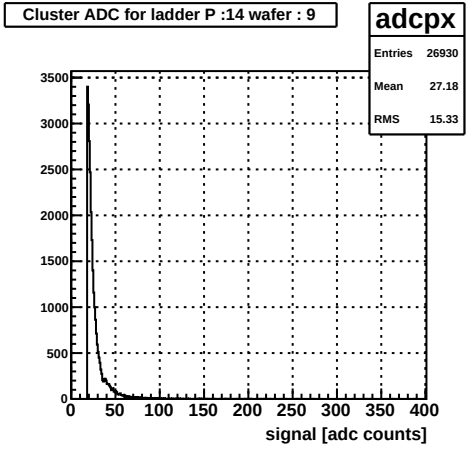

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 21992
Mean 26.63
RMS 20.79
signal [adc counts]

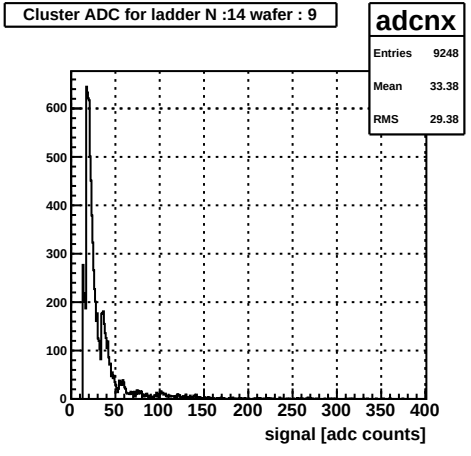

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 4572
Mean 31.4
RMS 34.42
signal [adc counts]

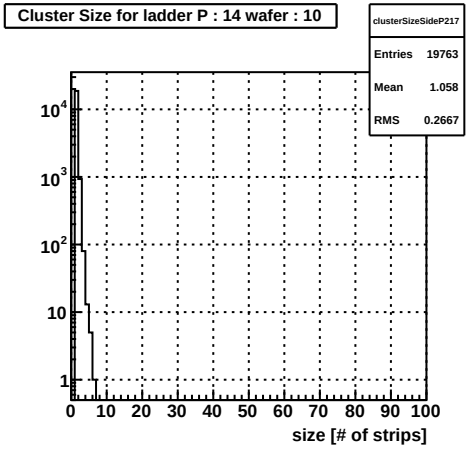

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 26930
Mean 1.069
RMS 0.2903
size [# of strips]

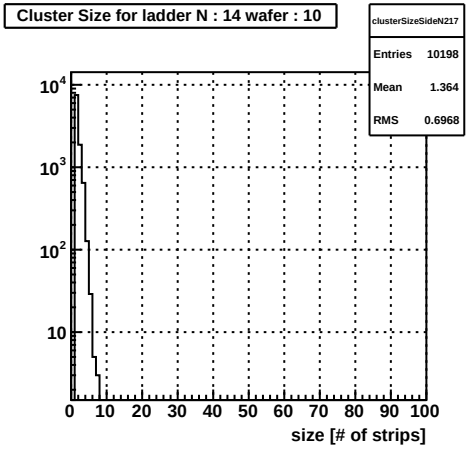

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 9248
Mean 1.403
RMS 0.8393
size [# of strips]

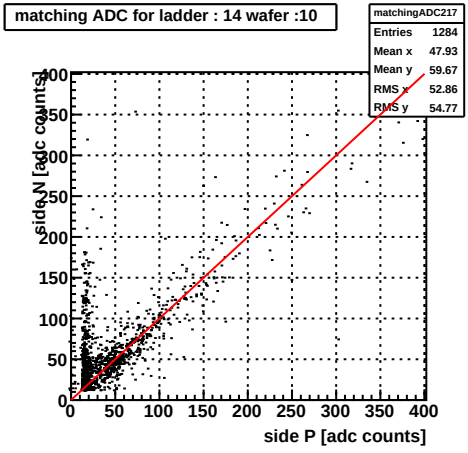

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 902
Mean x 51.58
Mean y 49
RMS x 48.58
RMS y 45.72
side N [adc counts]
side P [adc counts]

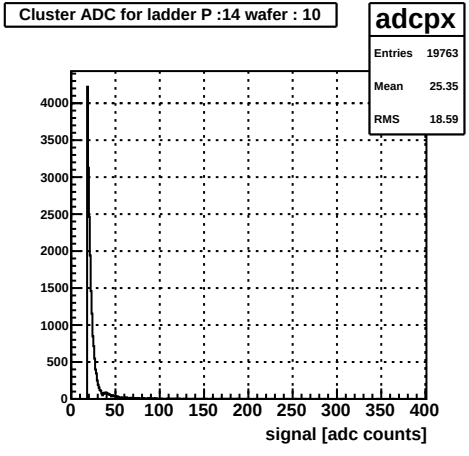

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 26930
Mean 27.18
RMS 15.33
signal [adc counts]

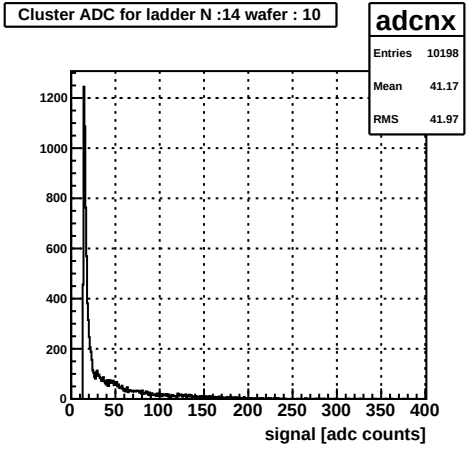

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 9248
Mean 33.38
RMS 29.38
signal [adc counts]

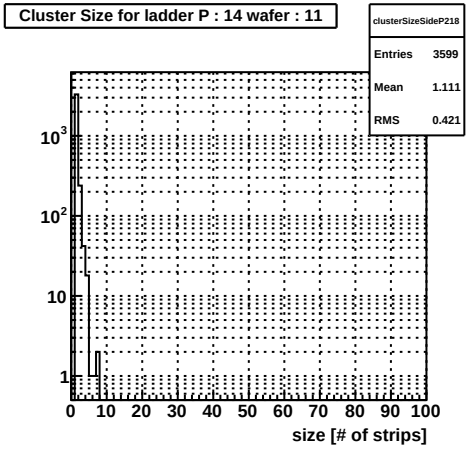

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 19763
Mean 1.058
RMS 0.2667
size [# of strips]

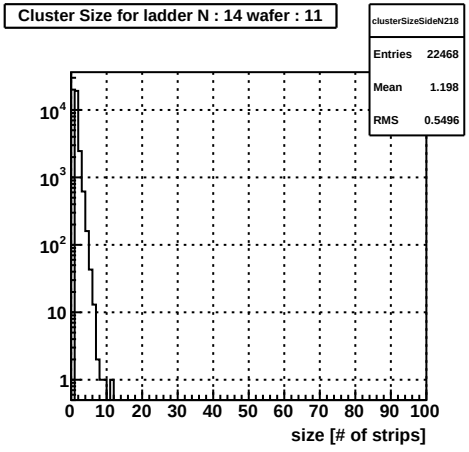

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 10198
Mean 1.364
RMS 0.6968
size [# of strips]

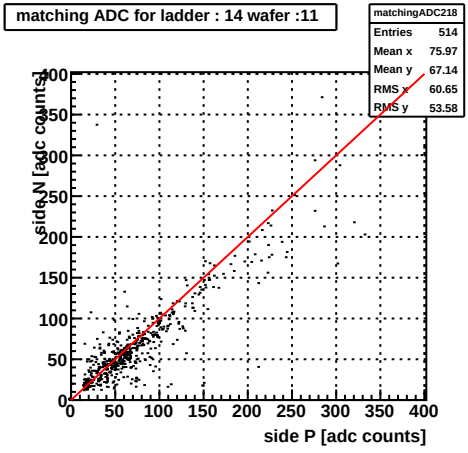

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1284
Mean x 47.93
Mean y 59.67
RMS x 52.86
RMS y 54.77
side N [adc counts]
side P [adc counts]

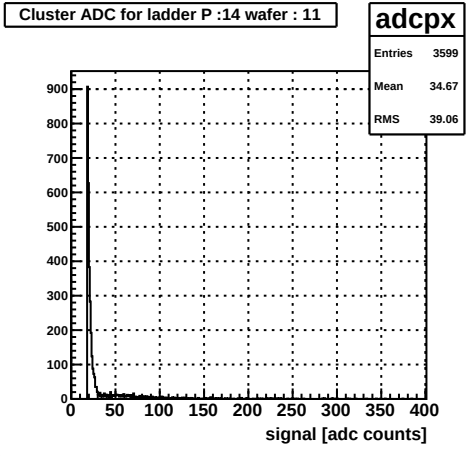

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 19763
Mean 25.35
RMS 18.59
signal [adc counts]

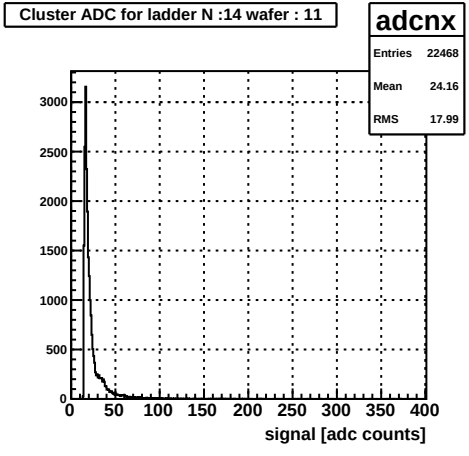

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 10198
Mean 41.17
RMS 41.97
signal [adc counts]

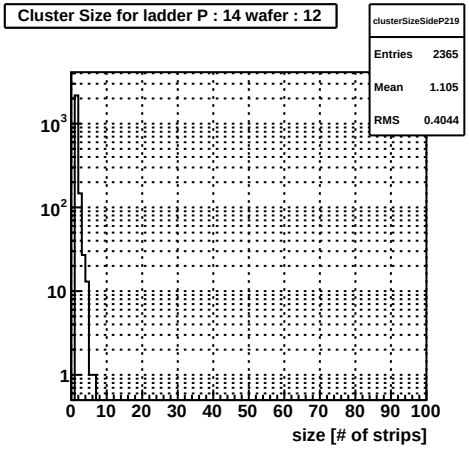

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3599
Mean 1.111
RMS 0.421
size [# of strips]

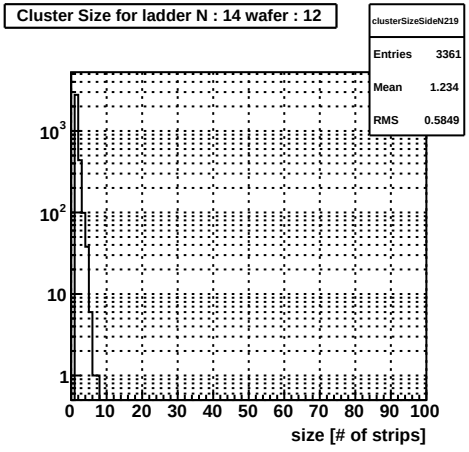

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 22468
Mean 1.198
RMS 0.5496
size [# of strips]

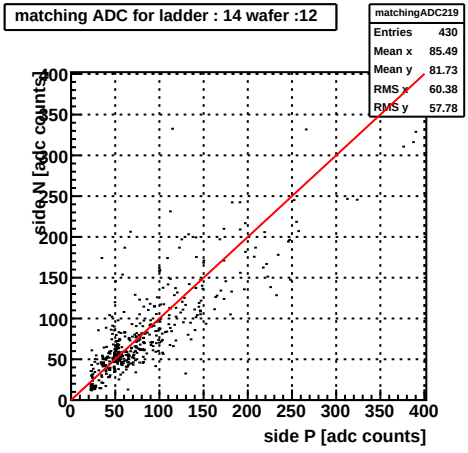

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 514
Mean x 75.97
Mean y 67.14
RMS x 60.65
RMS y 53.58
side N [adc counts]
side P [adc counts]

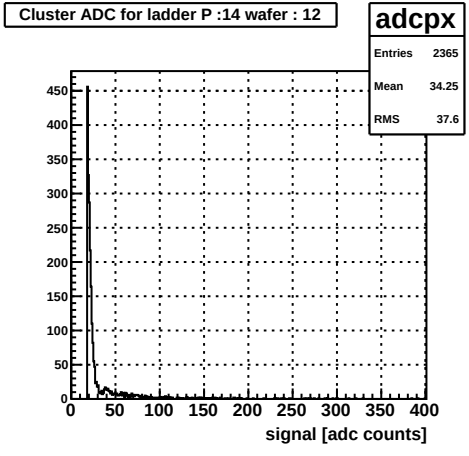

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3599
Mean 34.67
RMS 39.06
signal [adc counts]

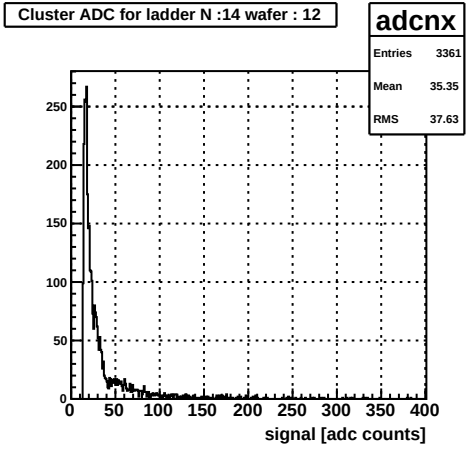

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 22468
Mean 24.16
RMS 17.99
signal [adc counts]

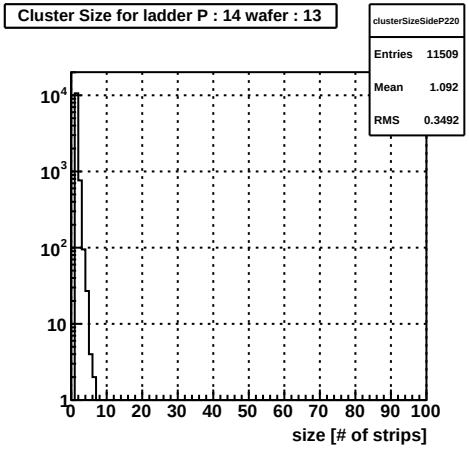

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2365
Mean 1.105
RMS 0.4044
size [# of strips]

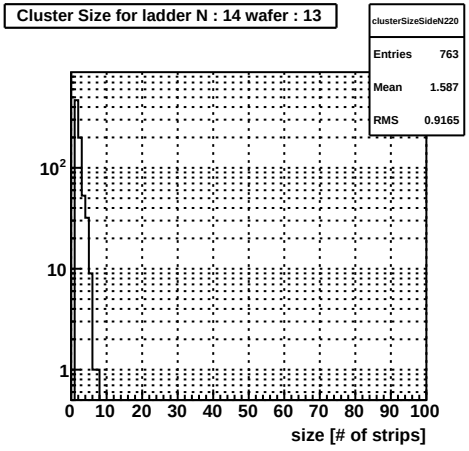

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 3361
Mean 1.234
RMS 0.5849
size [# of strips]

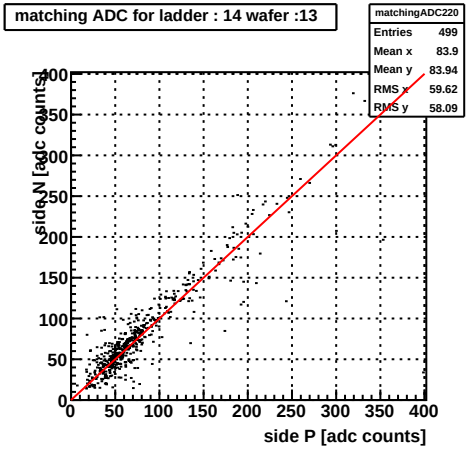

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 430
Mean x 85.49
Mean y 81.73
RMS x 60.38
RMS y 57.78
side N [adc counts]
side P [adc counts]

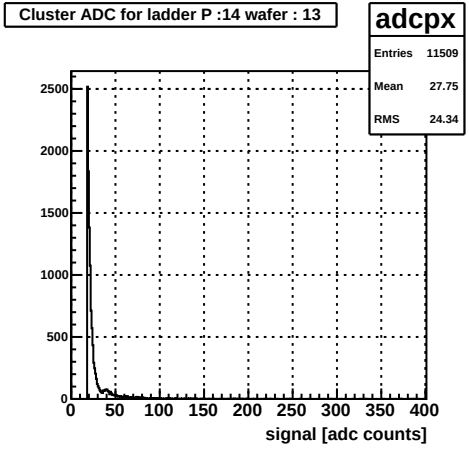

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2365
Mean 34.25
RMS 37.6
signal [adc counts]

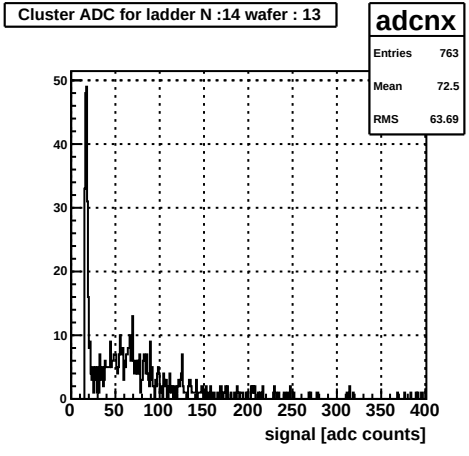

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 3361
Mean 35.35
RMS 37.63
signal [adc counts]

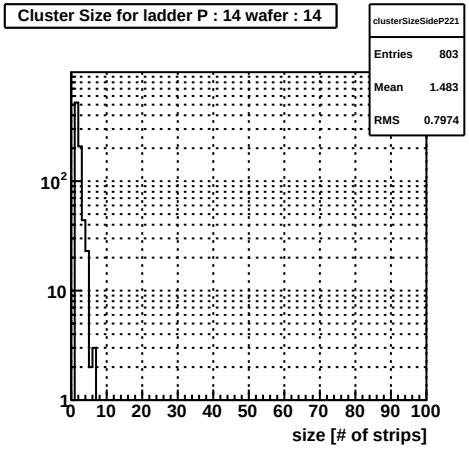

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11509
Mean 1.092
RMS 0.3492
size [# of strips]

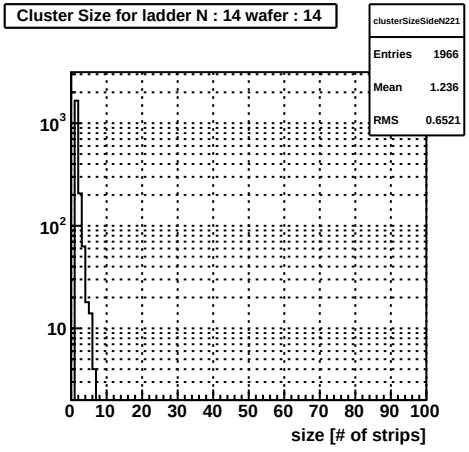

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 763
Mean 1.587
RMS 0.9165
size [# of strips]

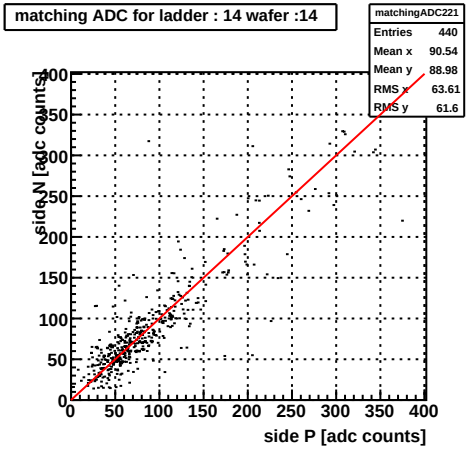

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 499
Mean x 83.9
Mean y 83.94
RMS x 59.62
RMS y 58.09
side N [adc counts]
side P [adc counts]

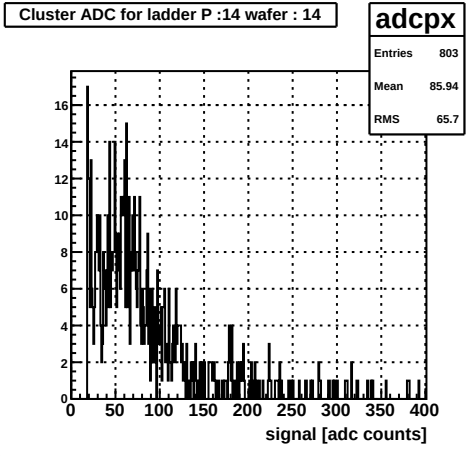

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11509
Mean 27.75
RMS 24.34
signal [adc counts]

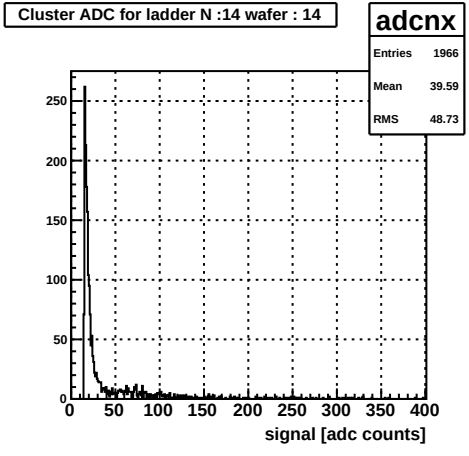

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 763
Mean 72.5
RMS 63.69
signal [adc counts]

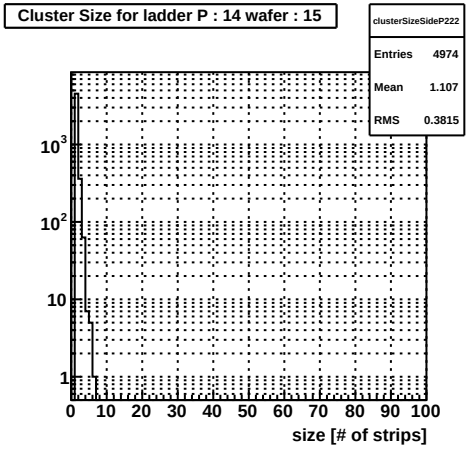

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 803
Mean 1.483
RMS 0.7974
size [# of strips]

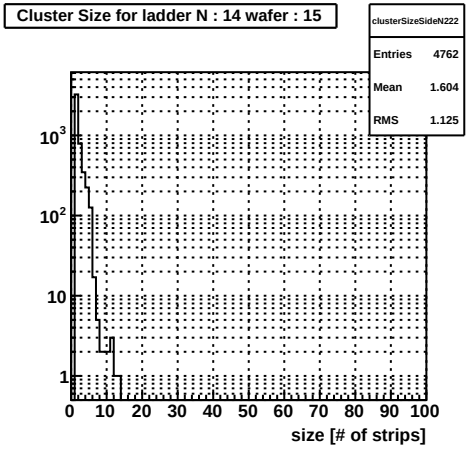

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1966
Mean 1.236
RMS 0.6521
size [# of strips]

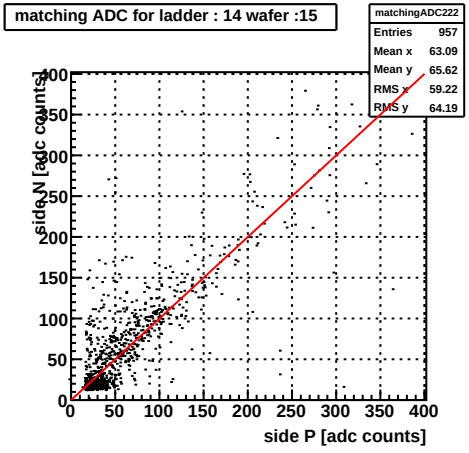

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 440
Mean x 90.54
Mean y 88.98
RMS x 63.61
RMS y 61.6
side N [adc counts]
side P [adc counts]

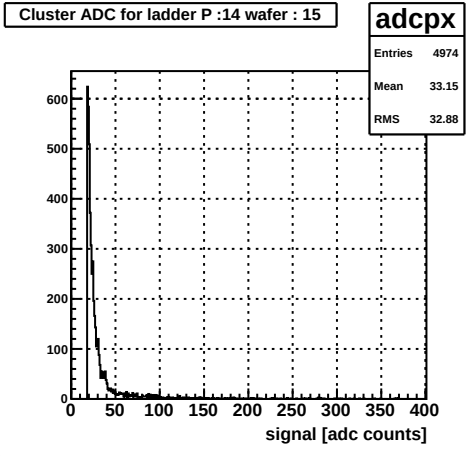

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 803
Mean 85.94
RMS 65.7
signal [adc counts]

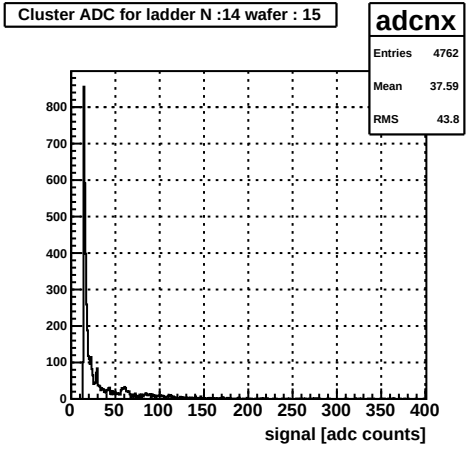

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1966
Mean 39.59
RMS 48.73
signal [adc counts]

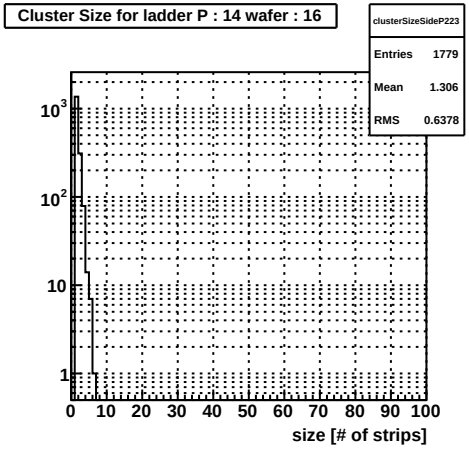

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 4974
Mean 1.107
RMS 0.3815
size [# of strips]

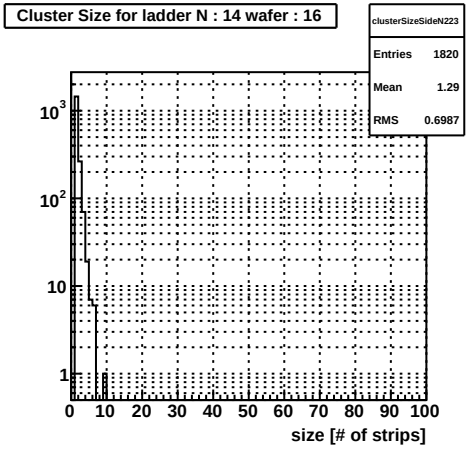

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4762
Mean 1.604
RMS 1.125
size [# of strips]

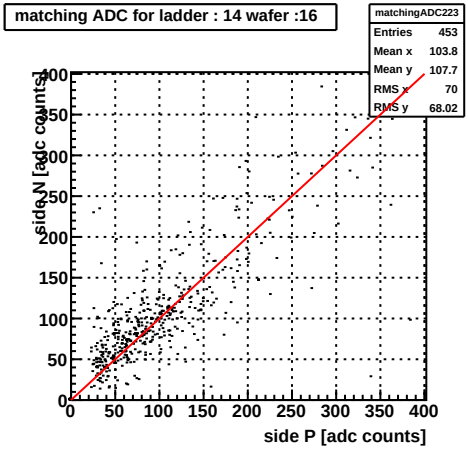

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 957
Mean x 63.09
Mean y 65.62
RMS x 59.22
RMS y 64.19
side N [adc counts]
side P [adc counts]

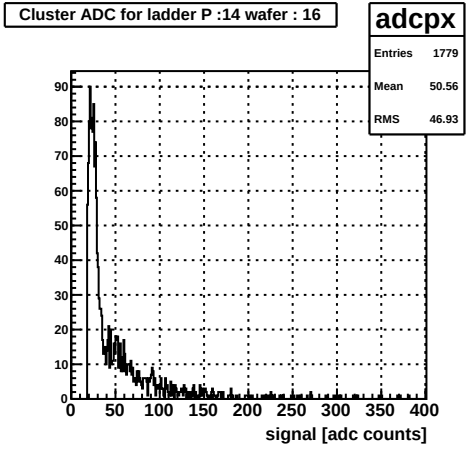

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 4974
Mean 33.15
RMS 32.88
signal [adc counts]

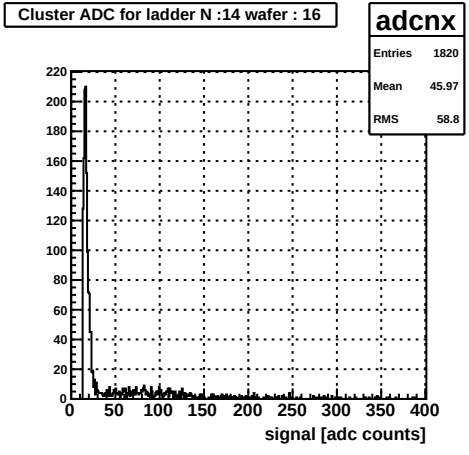

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4762
Mean 37.59
RMS 43.8
signal [adc counts]

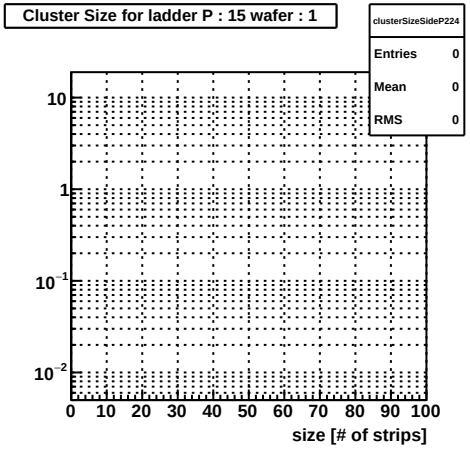

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1779
Mean 1.306
RMS 0.6378
size [# of strips]

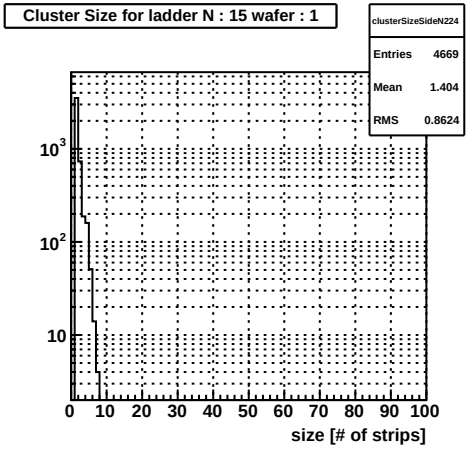

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1820
Mean 1.29
RMS 0.6987
size [# of strips]

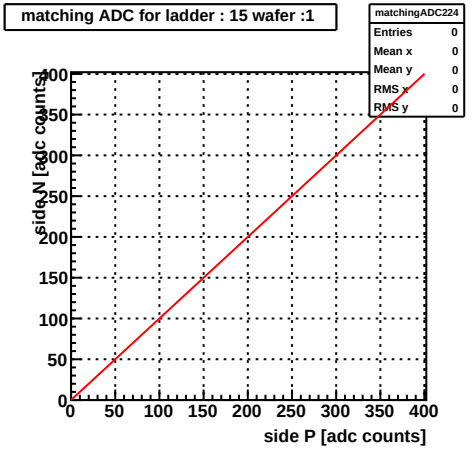

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 453
Mean x 103.8
Mean y 107.7
RMS x 70
RMS y 68.02
side N [adc counts]
side P [adc counts]

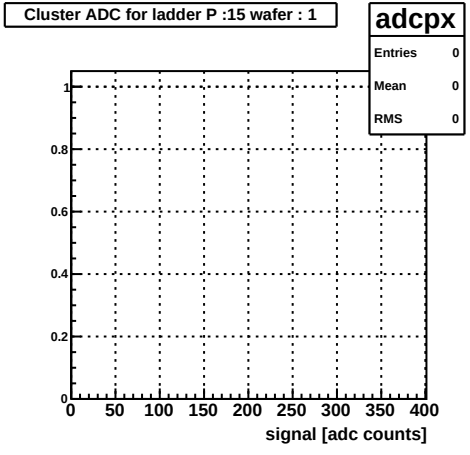

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1779
Mean 50.56
RMS 46.93
signal [adc counts]

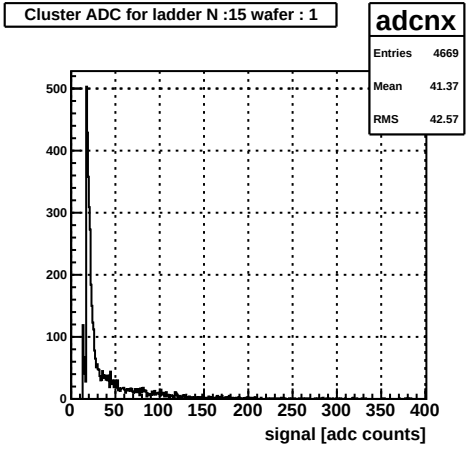

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1820
Mean 45.97
RMS 58.8
signal [adc counts]

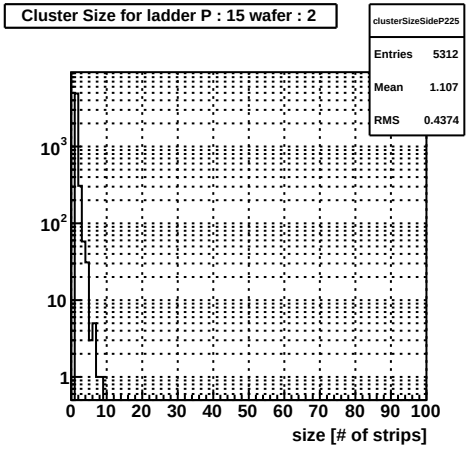

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

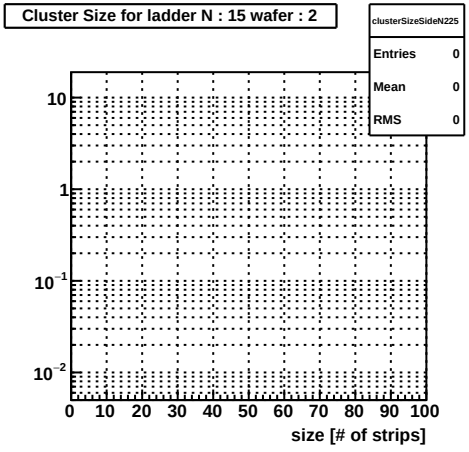

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 4669
Mean 1.404
RMS 0.8624
size [# of strips]

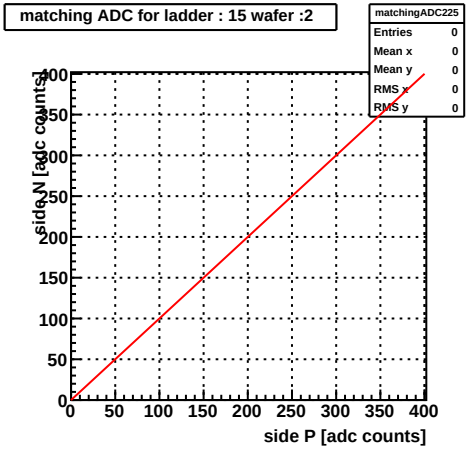

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

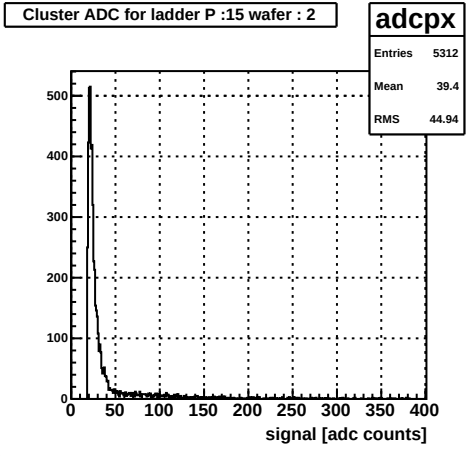

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

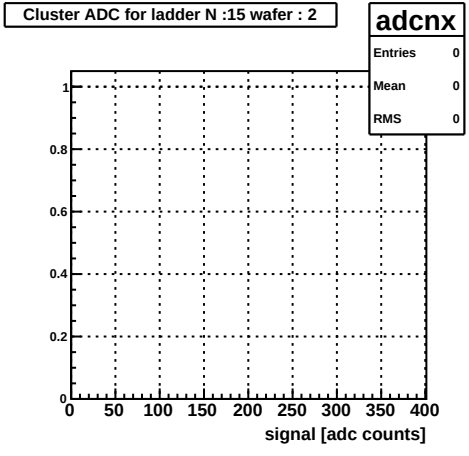

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 4669
Mean 41.37
RMS 42.57
signal [adc counts]

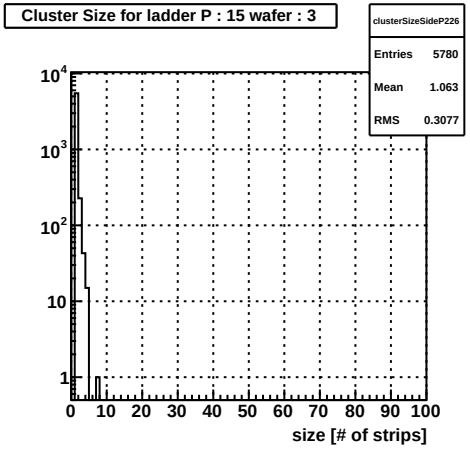

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 5312
Mean 1.107
RMS 0.4374
size [# of strips]

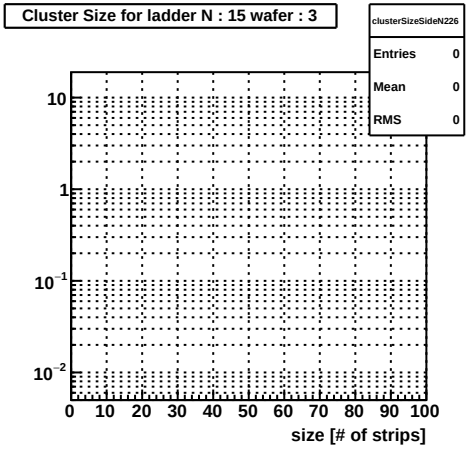

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

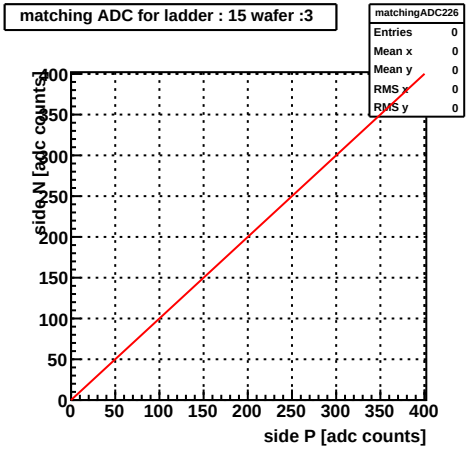

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

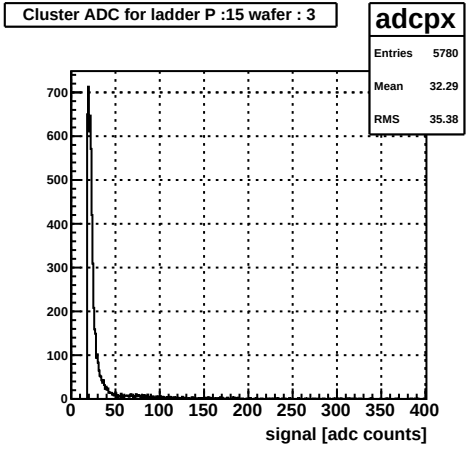

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 5312
Mean 39.4
RMS 44.94
signal [adc counts]

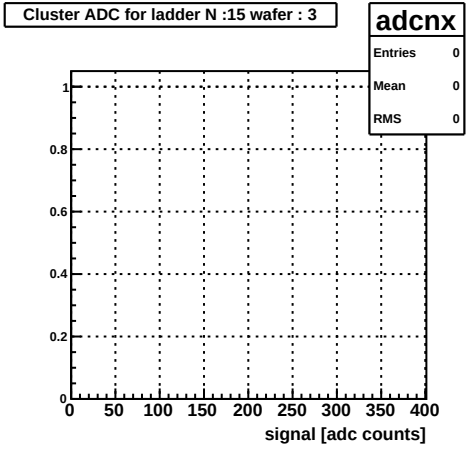

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

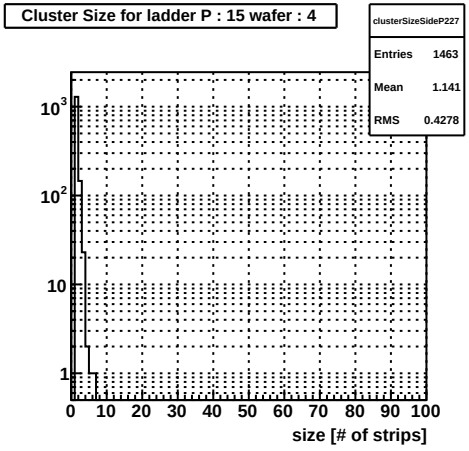

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 5780
Mean 1.063
RMS 0.3077
size [# of strips]

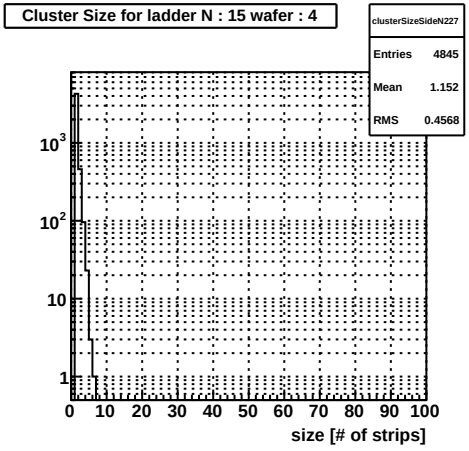

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

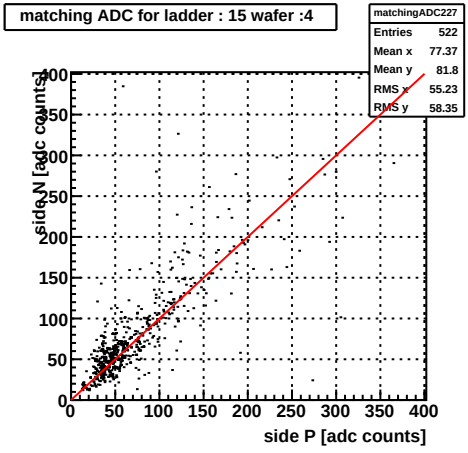

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

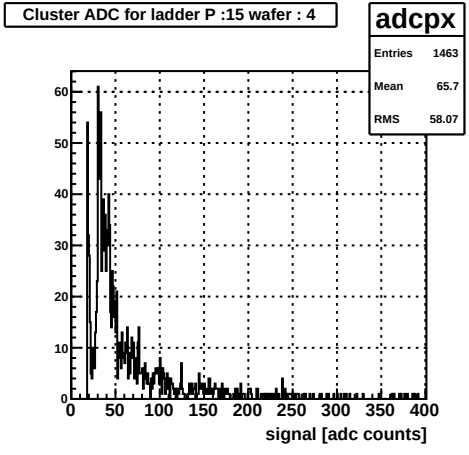

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 5780
Mean 32.29
RMS 35.38
signal [adc counts]

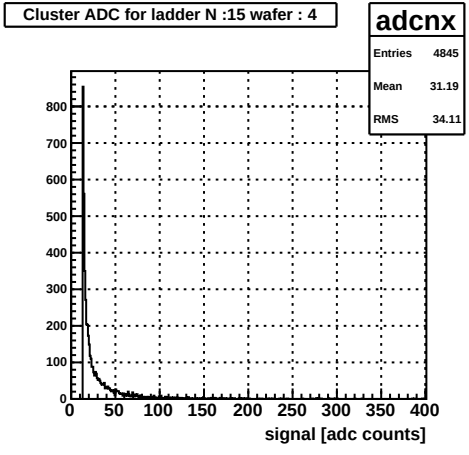

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

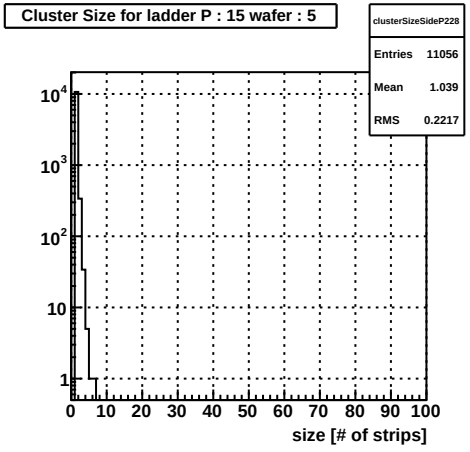

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1463
Mean 1.141
RMS 0.4278
size [# of strips]

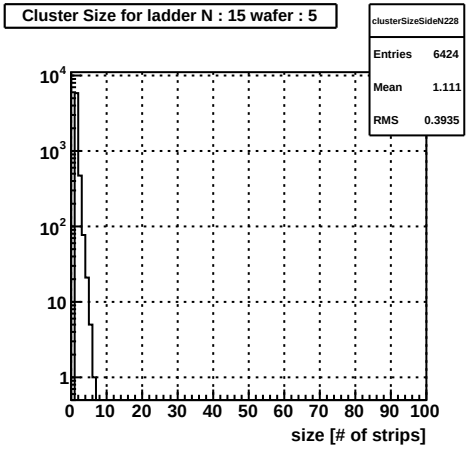

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 4845
Mean 1.152
RMS 0.4568
size [# of strips]

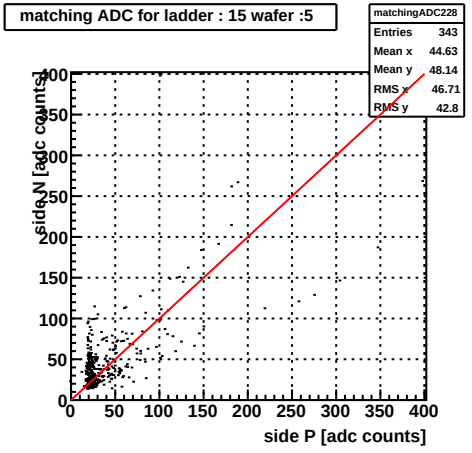

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 522
Mean x 77.37
Mean y 81.8
RMS x 55.23
RMS y 58.35
side N [adc counts]
side P [adc counts]

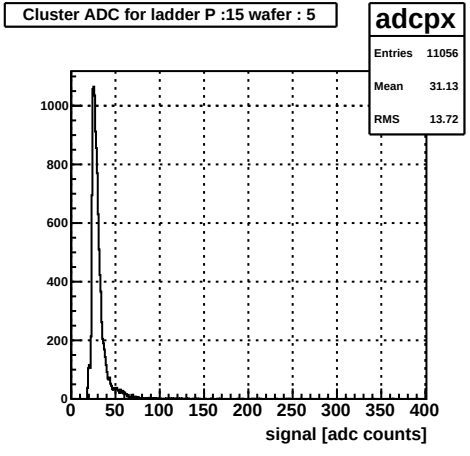

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1463
Mean 65.7
RMS 58.07
signal [adc counts]

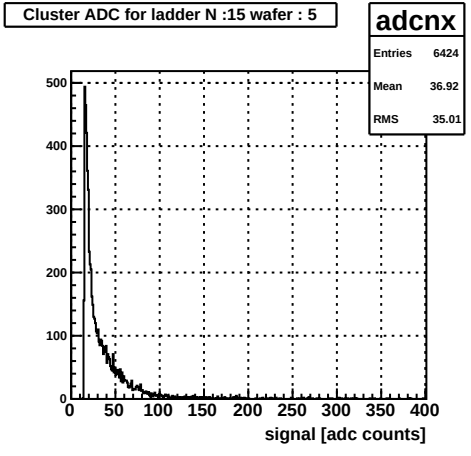

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 4845
Mean 31.19
RMS 34.11
signal [adc counts]

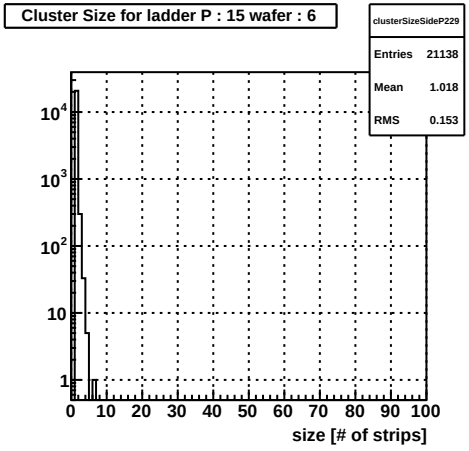

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 11056
Mean 1.039
RMS 0.2217
size [# of strips]

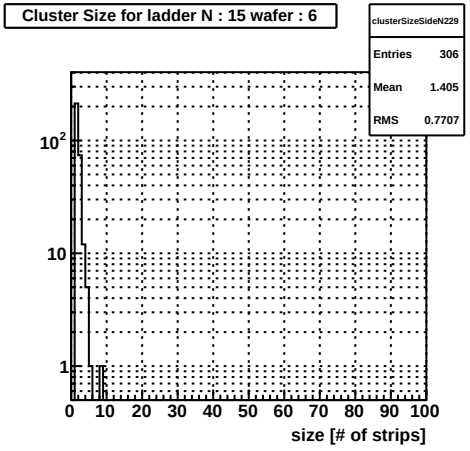

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6424
Mean 1.111
RMS 0.3935
size [# of strips]

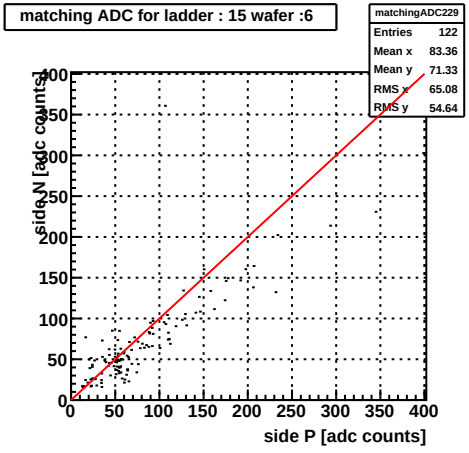

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 343
Mean x 44.63
Mean y 48.14
RMS x 46.71
RMS y 42.8
side N [adc counts]
side P [adc counts]

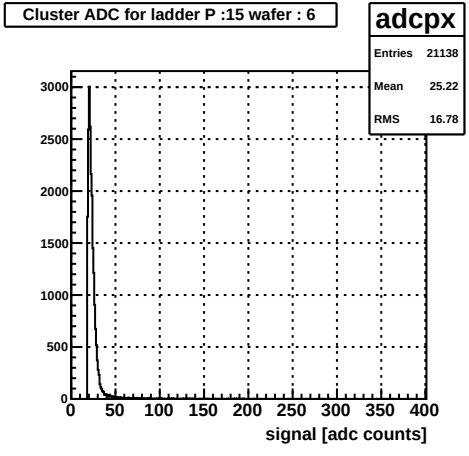

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 11056
Mean 31.13
RMS 13.72
signal [adc counts]

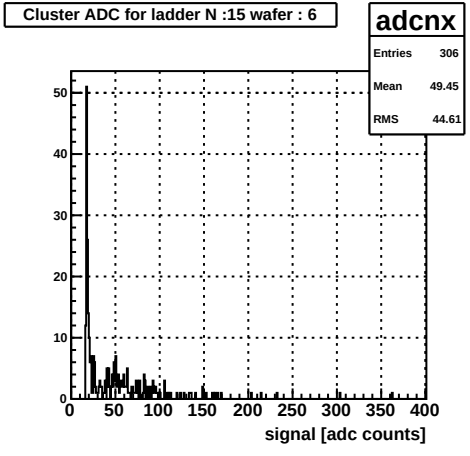

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6424
Mean 36.92
RMS 35.01
signal [adc counts]

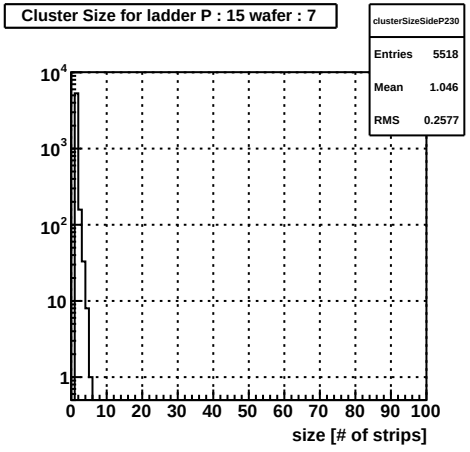

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 21138
Mean 1.018
RMS 0.153
size [# of strips]

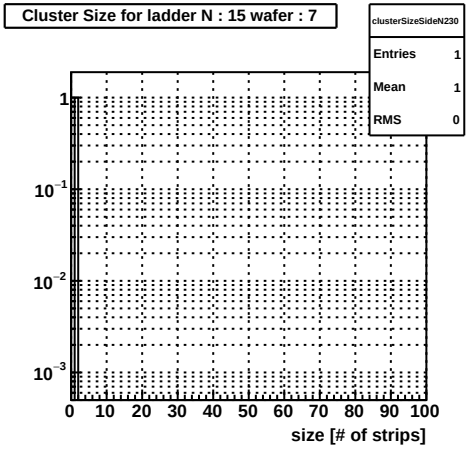

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 306
Mean 1.405
RMS 0.7707
size [# of strips]

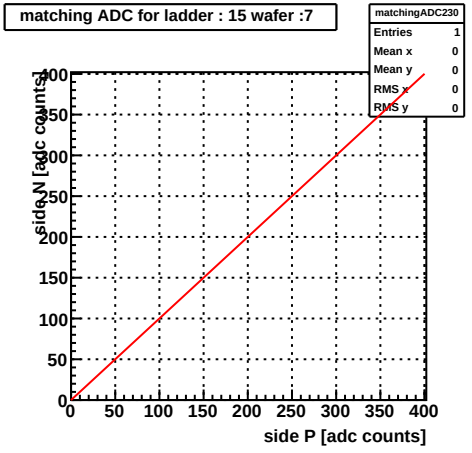

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 122
Mean x 83.36
Mean y 71.33
RMS x 65.08
RMS y 54.64
side N [adc counts]
side P [adc counts]

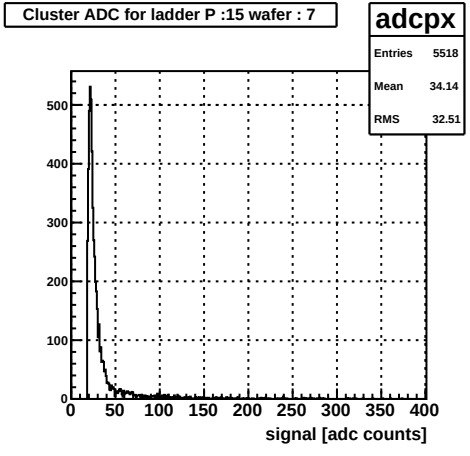

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 21138
Mean 25.22
RMS 16.78
signal [adc counts]

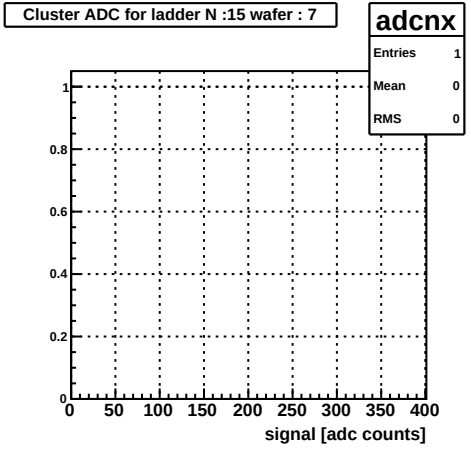

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 306
Mean 49.45
RMS 44.61
signal [adc counts]

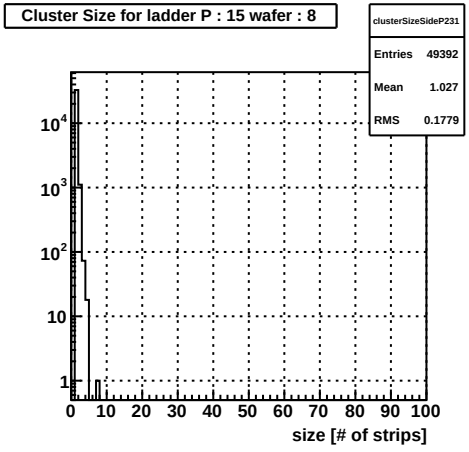

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 5518
Mean 1.046
RMS 0.2577
size [# of strips]

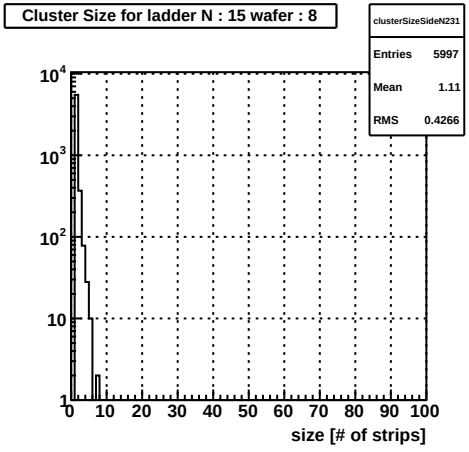

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

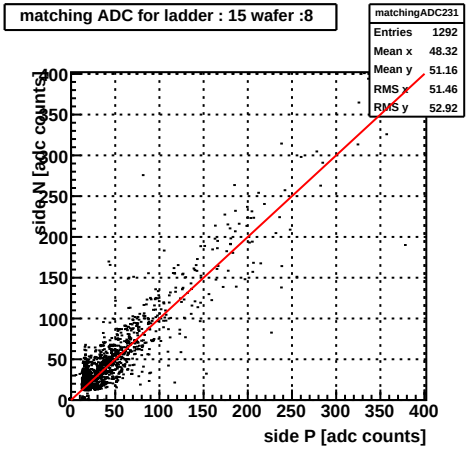

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

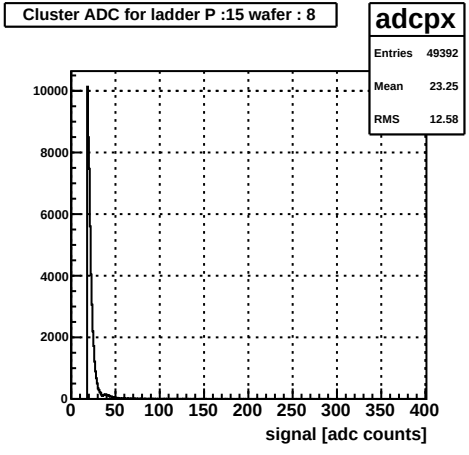

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 5518
Mean 34.14
RMS 32.51
signal [adc counts]

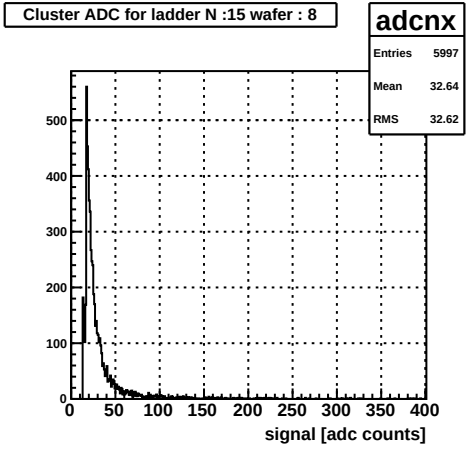

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

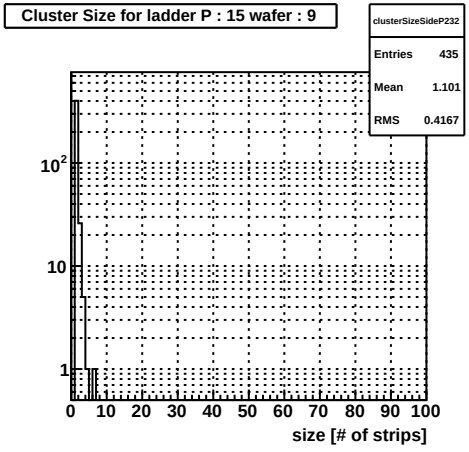

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 49392
Mean 1.027
RMS 0.1779
size [# of strips]

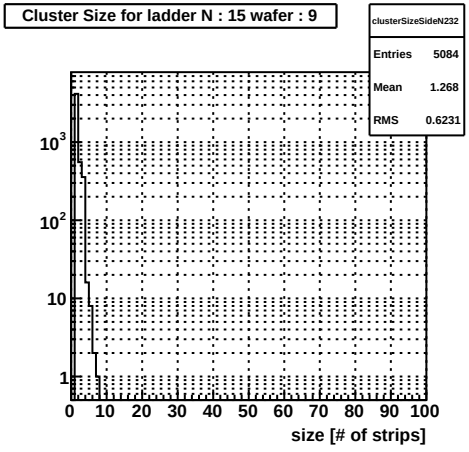

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 5997
Mean 1.11
RMS 0.4266
size [# of strips]

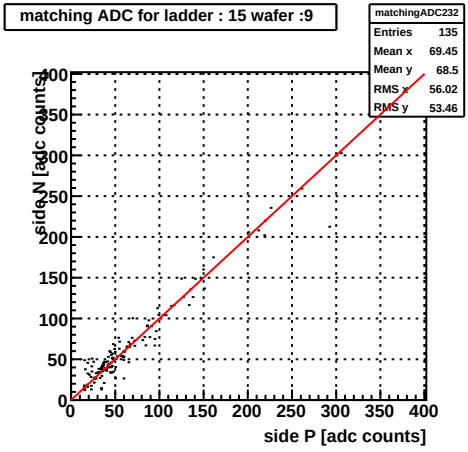

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1292
Mean x 48.32
Mean y 51.16
RMS x 51.46
RMS y 52.92
side N [adc counts]
side P [adc counts]

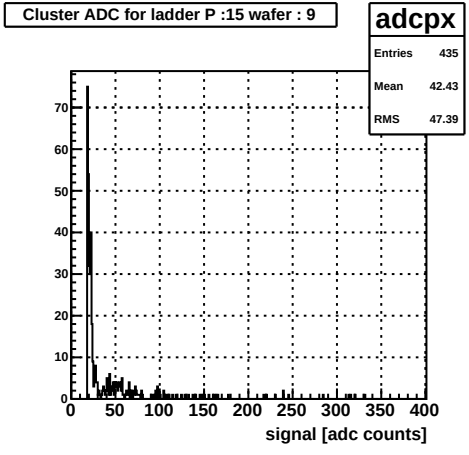

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 49392
Mean 23.25
RMS 12.58
signal [adc counts]

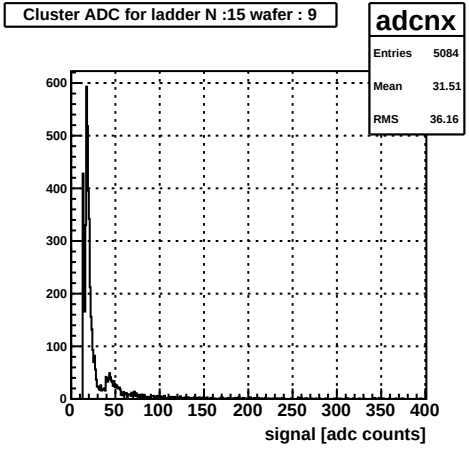

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 5997
Mean 32.64
RMS 32.62
signal [adc counts]

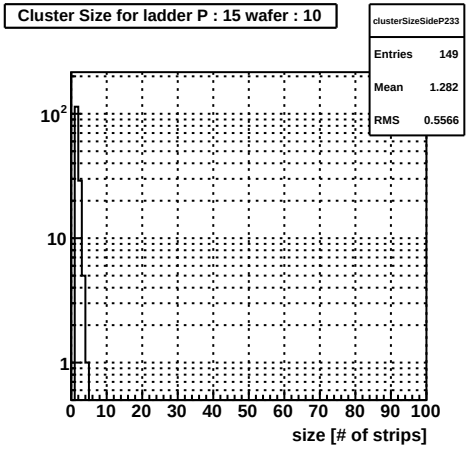

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 435
Mean 1.101
RMS 0.4167
size [# of strips]

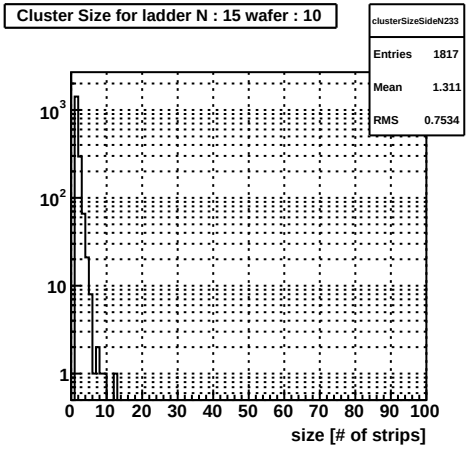

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5084
Mean 1.268
RMS 0.6231
size [# of strips]

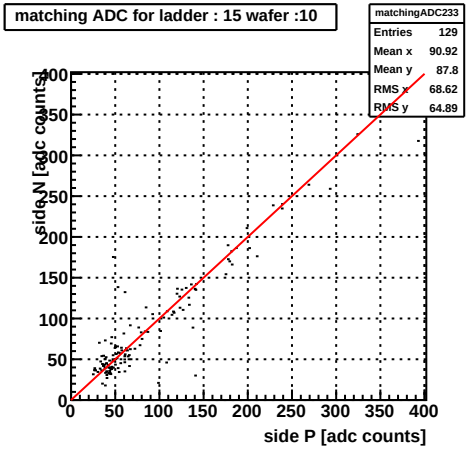

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 135
Mean x 69.45
Mean y 68.5
RMS x 56.02
RMS y 53.46
side N [adc counts]
side P [adc counts]

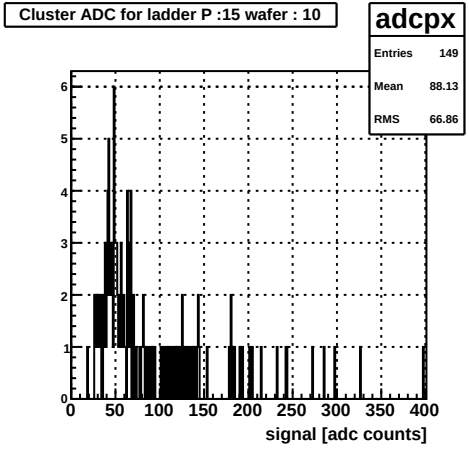

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 435
Mean 42.43
RMS 47.39
signal [adc counts]

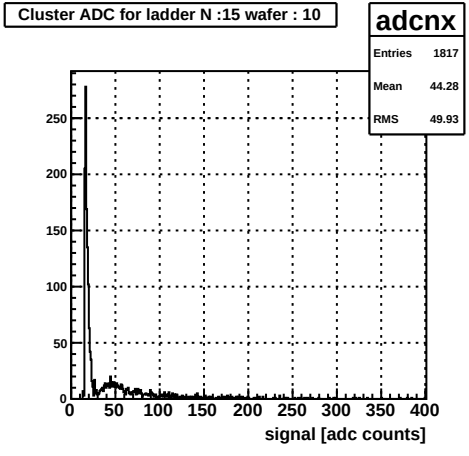

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5084
Mean 31.51
RMS 36.16
signal [adc counts]

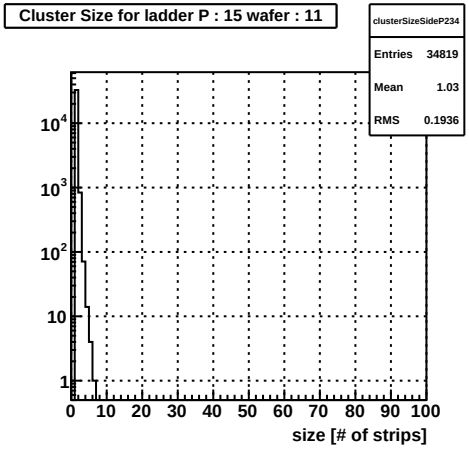

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 149
Mean 1.282
RMS 0.5566
size [# of strips]

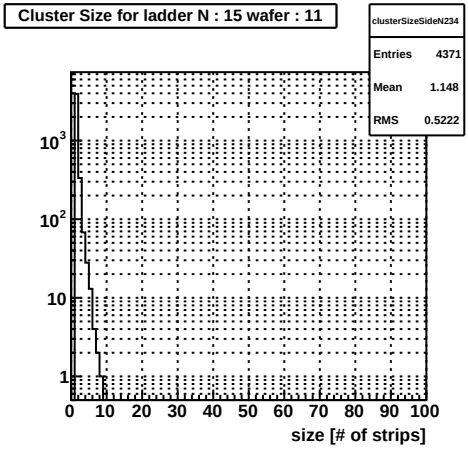

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1817
Mean 1.311
RMS 0.7534
size [# of strips]

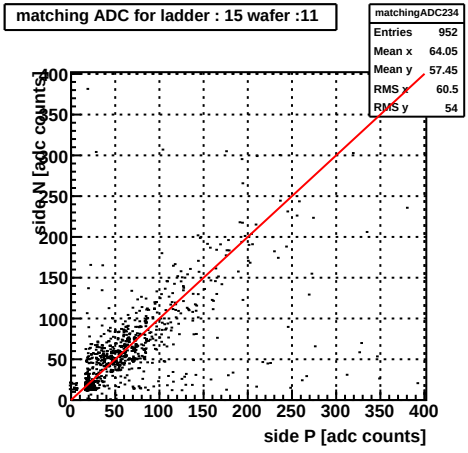

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 129
Mean x 90.92
Mean y 87.8
RMS x 68.62
RMS y 64.89
side N [adc counts]
side P [adc counts]

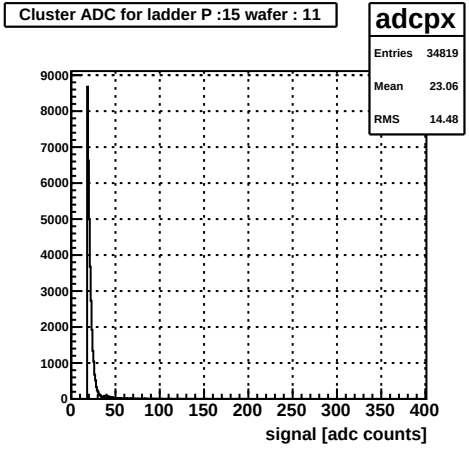

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 149
Mean 88.13
RMS 66.86
signal [adc counts]

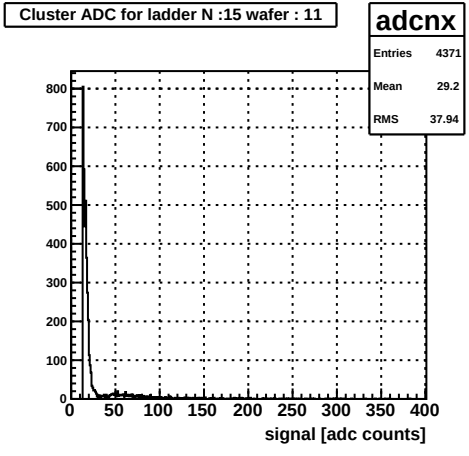

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1817
Mean 44.28
RMS 49.93
signal [adc counts]

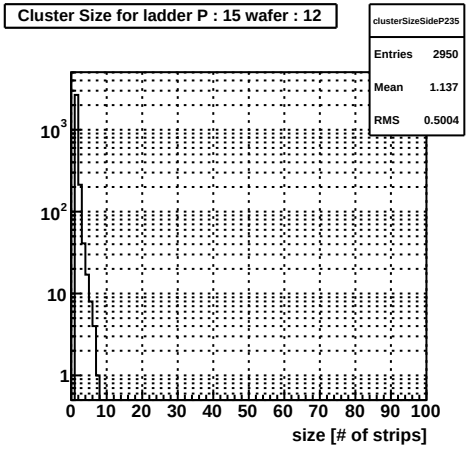

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 34819
Mean 1.03
RMS 0.1936
size [# of strips]

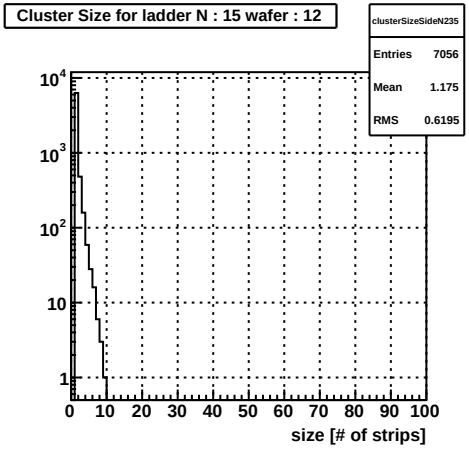

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4371
Mean 1.148
RMS 0.5222
size [# of strips]

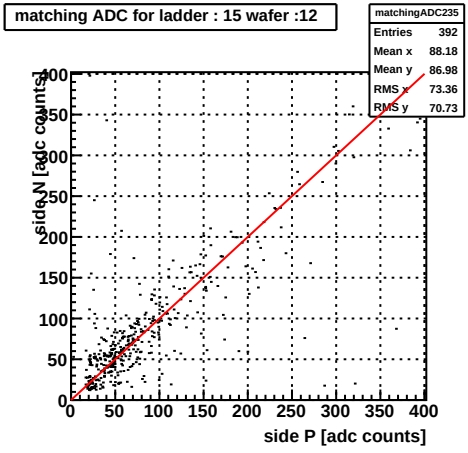

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 952
Mean x 64.05
Mean y 57.45
RMS x 60.5
RMS y 54
side N [adc counts]
side P [adc counts]

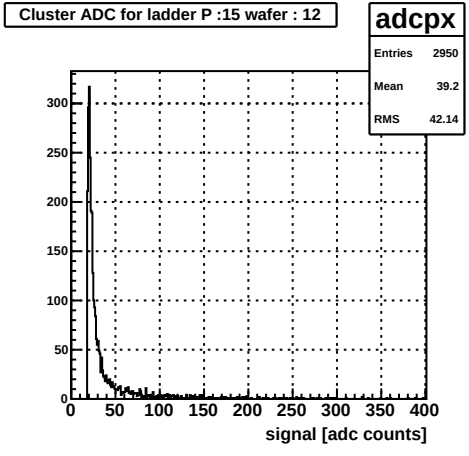

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 34819
Mean 23.06
RMS 14.48
signal [adc counts]

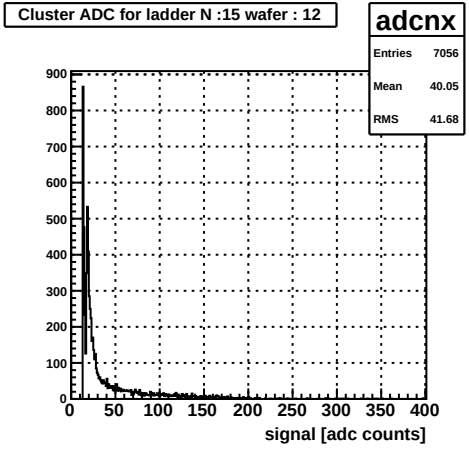

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4371
Mean 29.2
RMS 37.94
signal [adc counts]

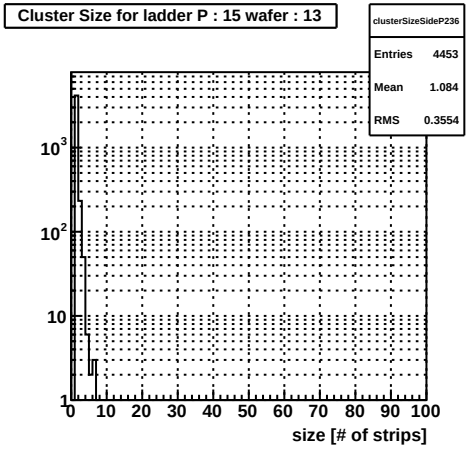

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2950
Mean 1.137
RMS 0.5004
size [# of strips]

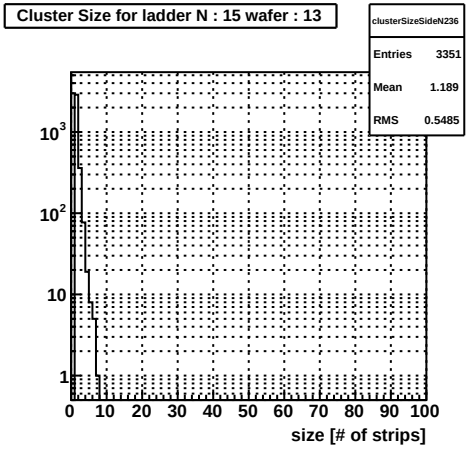

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 7056
Mean 1.175
RMS 0.6195
size [# of strips]

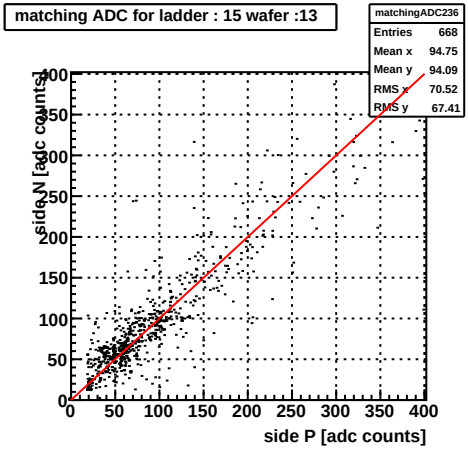

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 392
Mean x 88.18
Mean y 86.98
RMS x 73.36
RMS y 70.73
side N [adc counts]
side P [adc counts]

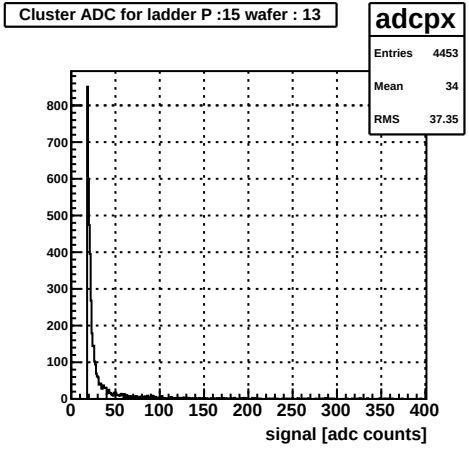

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2950
Mean 39.2
RMS 42.14
signal [adc counts]

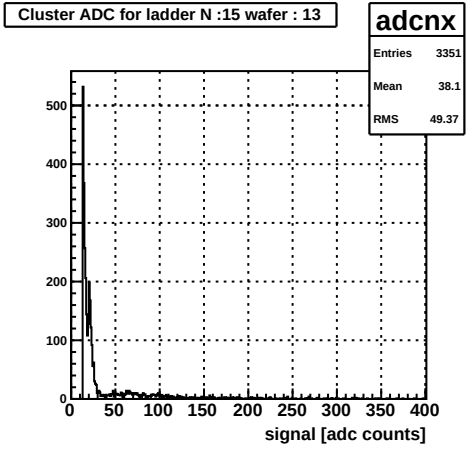

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 7056
Mean 40.05
RMS 41.68
signal [adc counts]

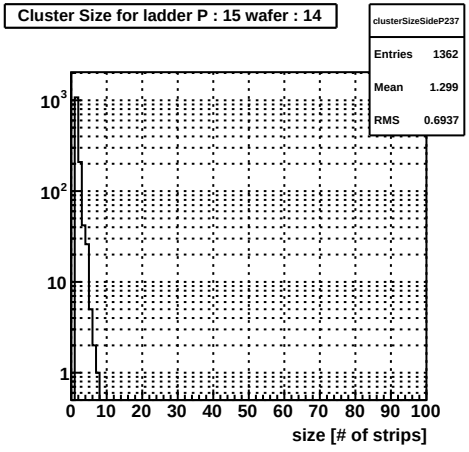

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4453
Mean 1.084
RMS 0.3554
size [# of strips]

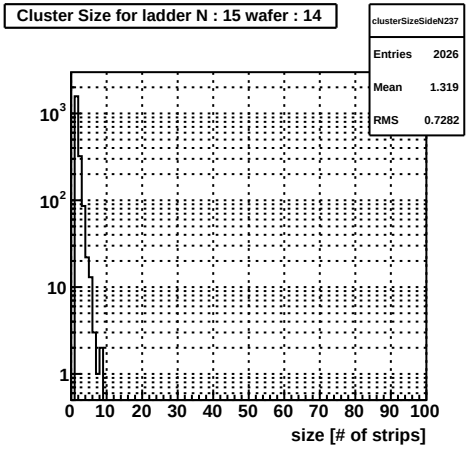

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 3351
Mean 1.189
RMS 0.5485
size [# of strips]

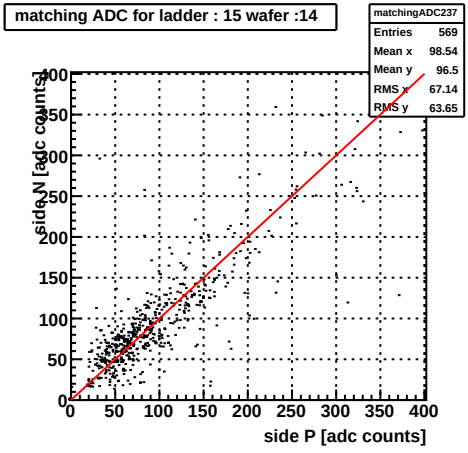

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 668
Mean x 94.75
Mean y 94.09
RMS x 70.52
RMS y 67.41
side N [adc counts]
side P [adc counts]

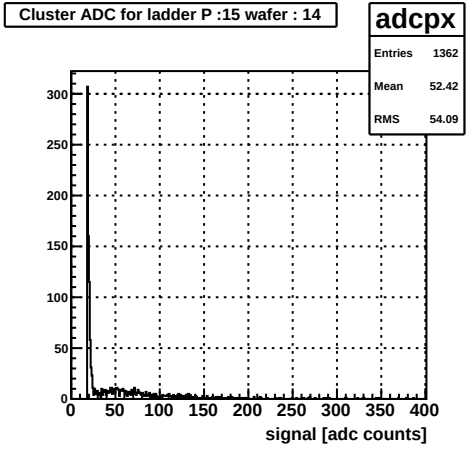

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4453
Mean 34
RMS 37.35
signal [adc counts]

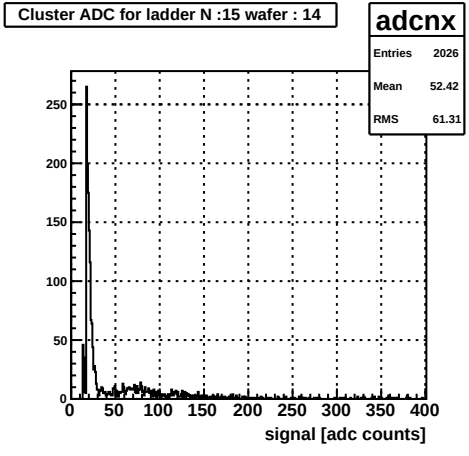

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 3351
Mean 38.1
RMS 49.37
signal [adc counts]

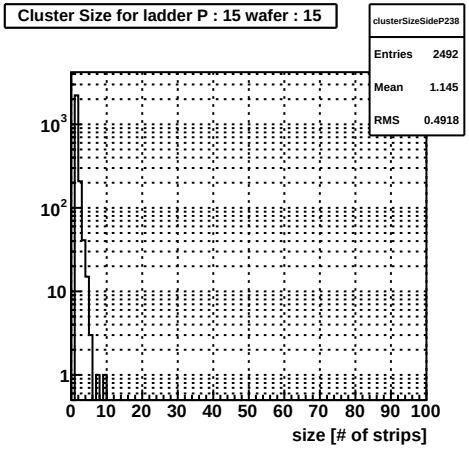

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1362
Mean 1.299
RMS 0.6937
size [# of strips]

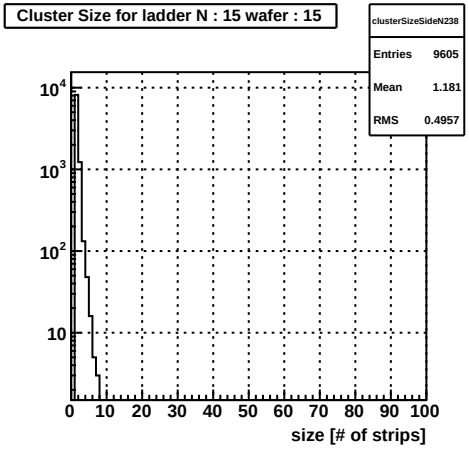

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2026
Mean 1.319
RMS 0.7282
size [# of strips]

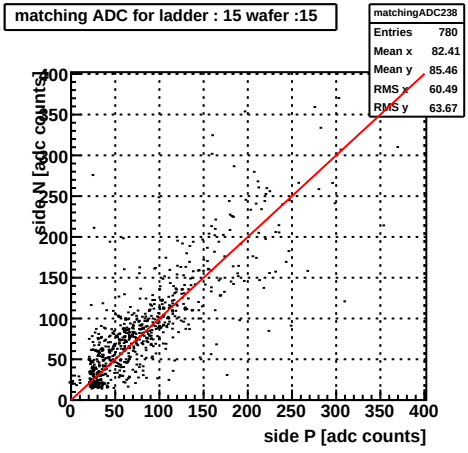

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 569
Mean x 98.54
Mean y 96.5
RMS x 67.14
RMS y 63.65
side N [adc counts]
side P [adc counts]

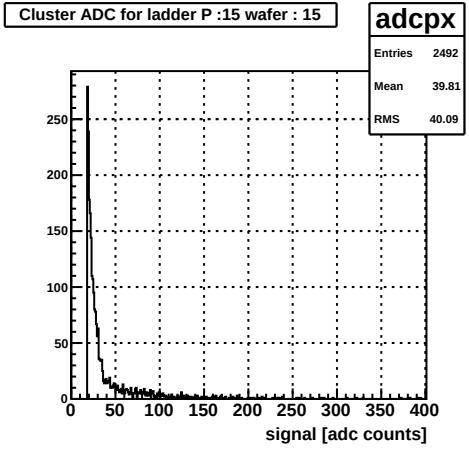

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1362
Mean 52.42
RMS 54.09
signal [adc counts]

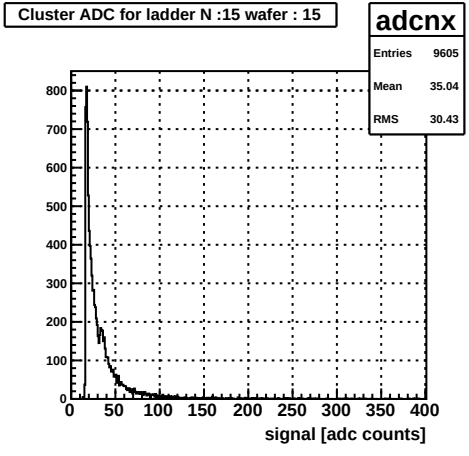

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2026
Mean 52.42
RMS 61.31
signal [adc counts]

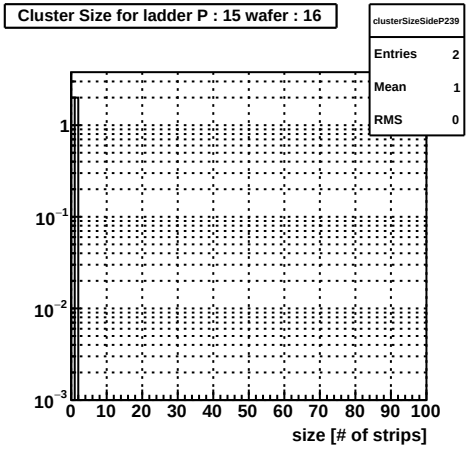

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2492
Mean 1.145
RMS 0.4918
size [# of strips]

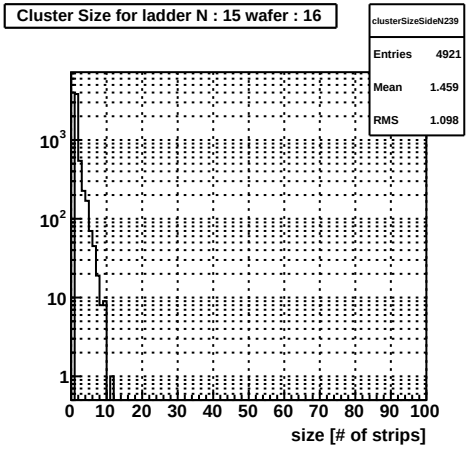

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 9605
Mean 1.181
RMS 0.4957
size [# of strips]

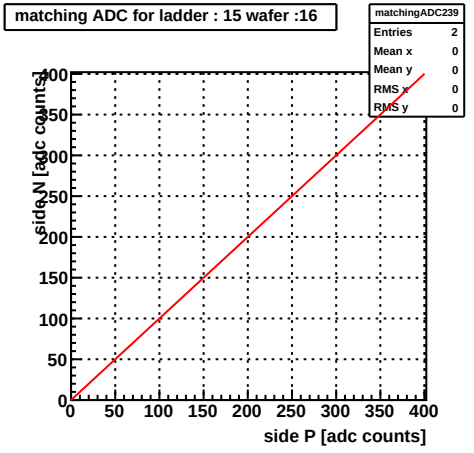

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 780
Mean x 82.41
Mean y 85.46
RMS x 60.49
RMS y 63.67
side N [adc counts]
side P [adc counts]

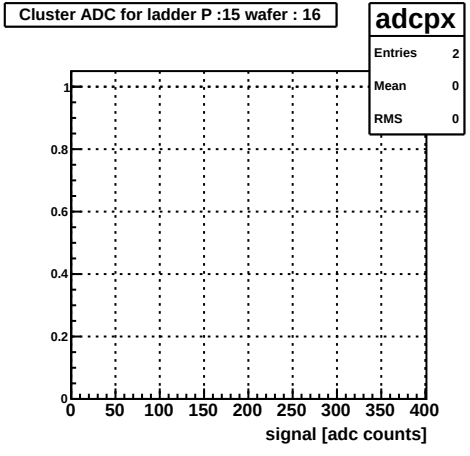

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2492
Mean 39.81
RMS 40.09
signal [adc counts]

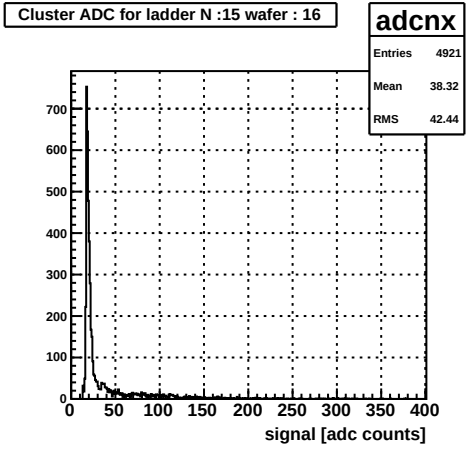

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 9605
Mean 35.04
RMS 30.43
signal [adc counts]

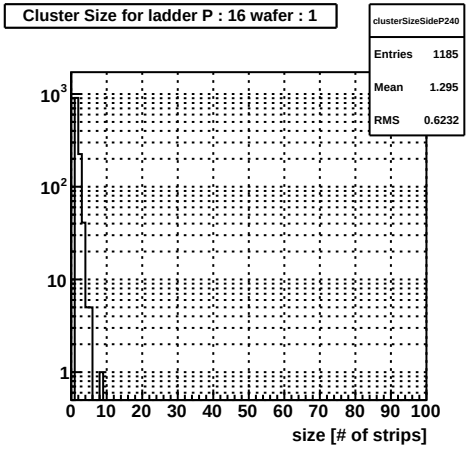

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

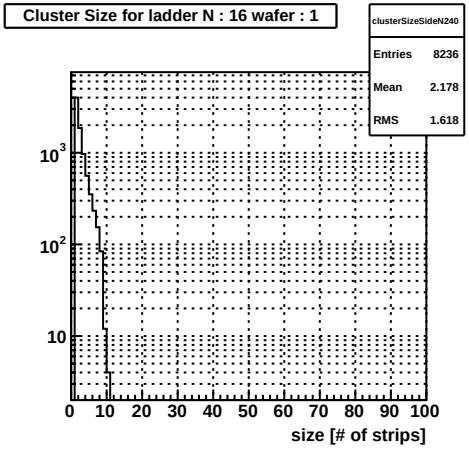

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 4921
Mean 1.459
RMS 1.098
size [# of strips]

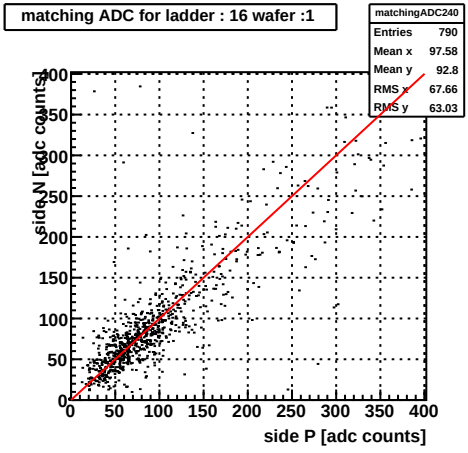

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

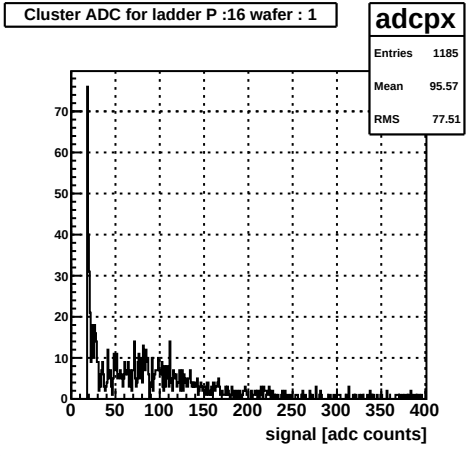

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

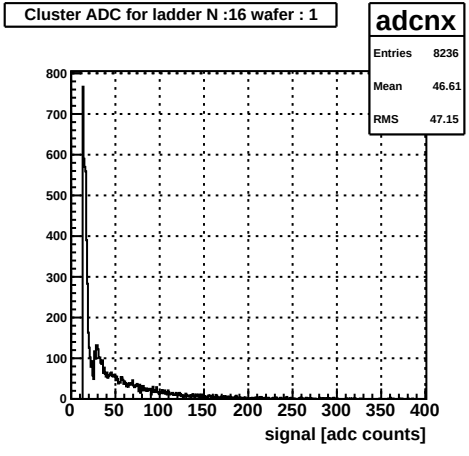

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 4921
Mean 38.32
RMS 42.44
signal [adc counts]

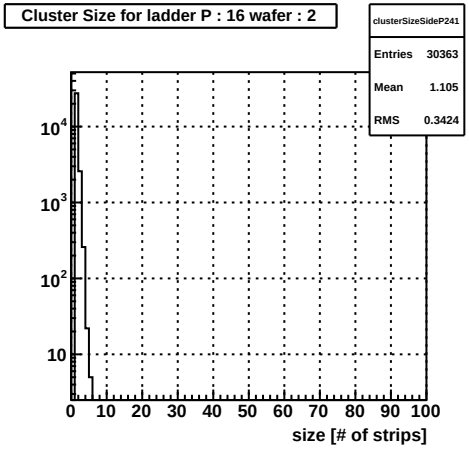

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1185
Mean 1.295
RMS 0.6232
size [# of strips]

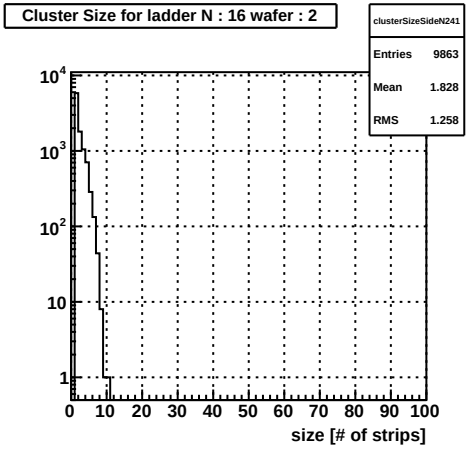

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 8236
Mean 2.178
RMS 1.618
size [# of strips]

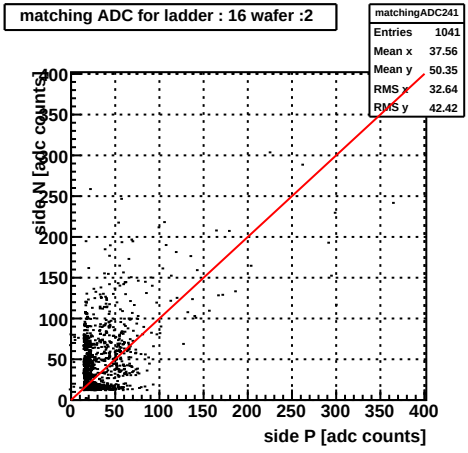

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 790
Mean x 97.58
Mean y 92.8
RMS x 67.66
RMS y 63.03
side N [adc counts]
side P [adc counts]

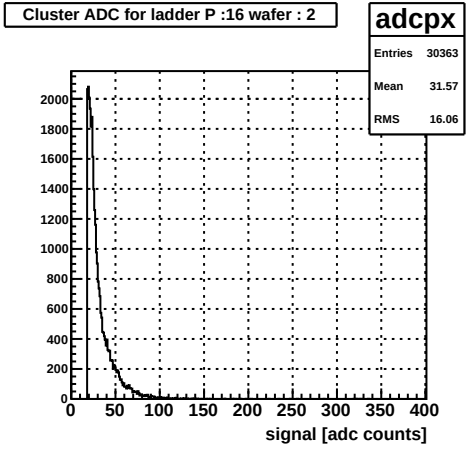

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1185
Mean 95.57
RMS 77.51
signal [adc counts]

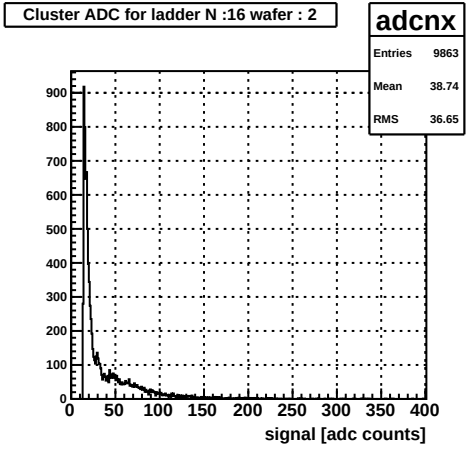

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 8236
Mean 46.61
RMS 47.15
signal [adc counts]

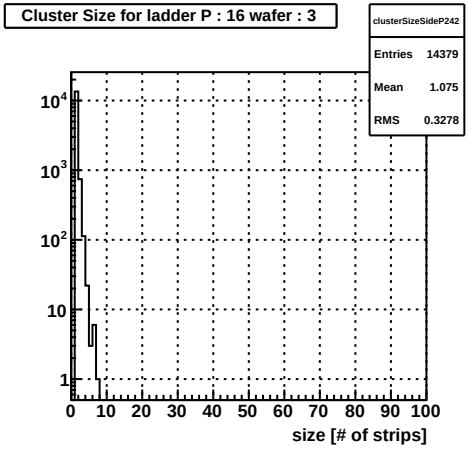

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 30363
Mean 1.105
RMS 0.3424
size [# of strips]

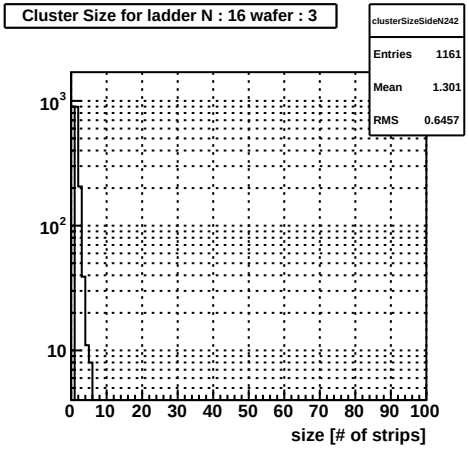

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 9863
Mean 1.828
RMS 1.258
size [# of strips]

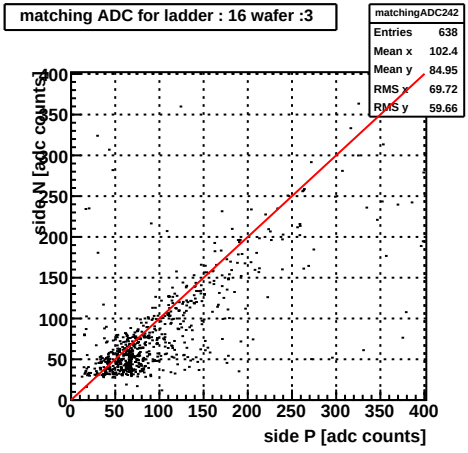

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1041
Mean x 37.56
Mean y 50.35
RMS x 32.64
RMS y 42.42
side N [adc counts]
side P [adc counts]

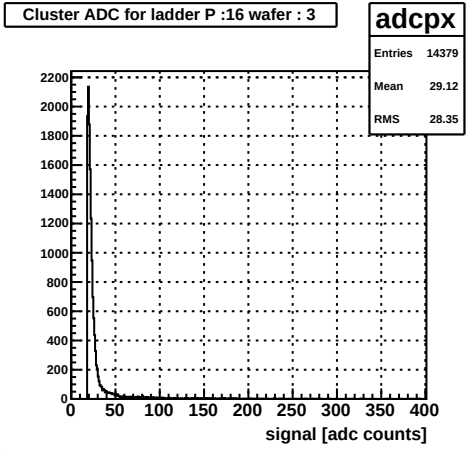

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 30363
Mean 31.57
RMS 16.06
signal [adc counts]

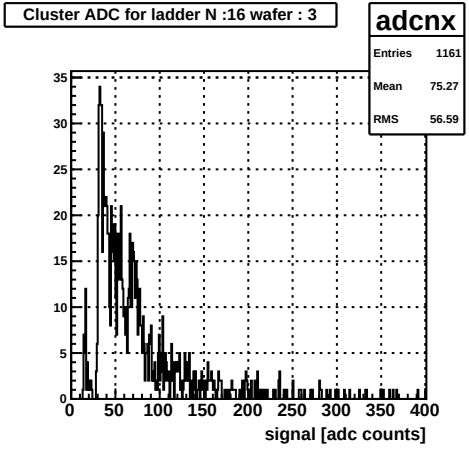

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 9863
Mean 38.74
RMS 36.65
signal [adc counts]

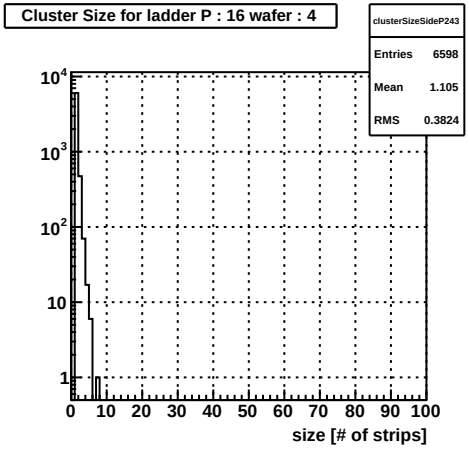

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 14379
Mean 1.075
RMS 0.3278
size [# of strips]

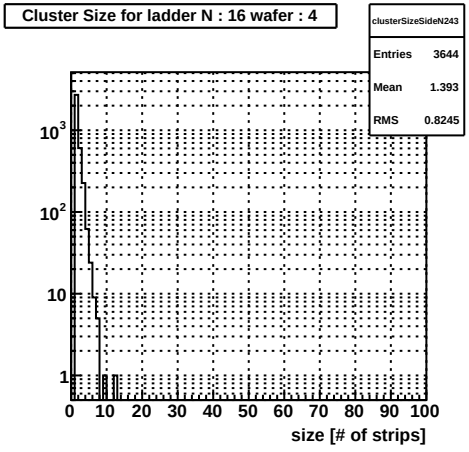

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1161
Mean 1.301
RMS 0.6457
size [# of strips]

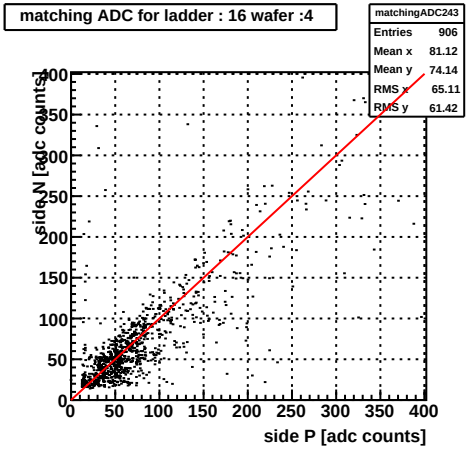

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 638
Mean x 102.4
Mean y 84.95
RMS x 69.72
RMS y 59.66
side N [adc counts]
side P [adc counts]

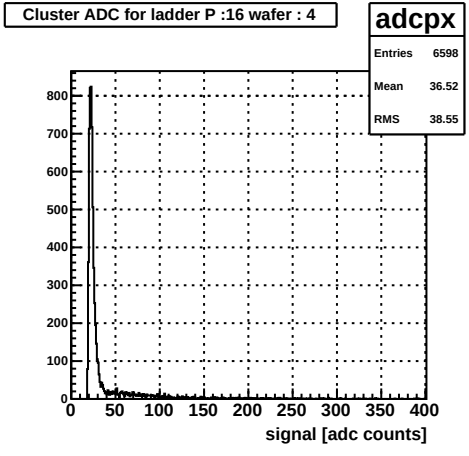

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 14379
Mean 29.12
RMS 28.35
signal [adc counts]

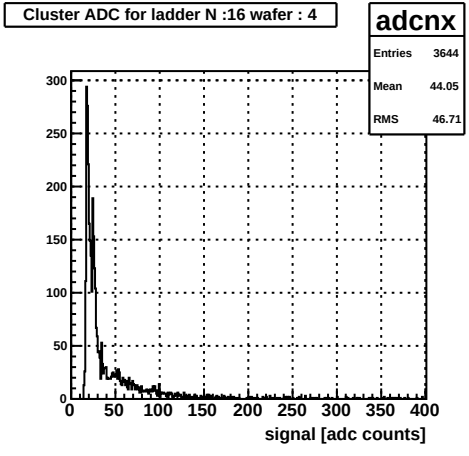

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1161
Mean 75.27
RMS 56.59
signal [adc counts]

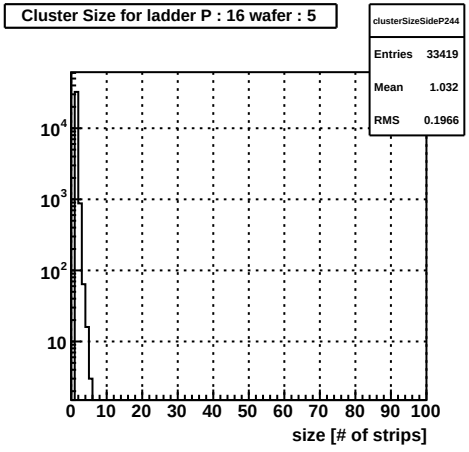

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 6598
Mean 1.105
RMS 0.3824
size [# of strips]

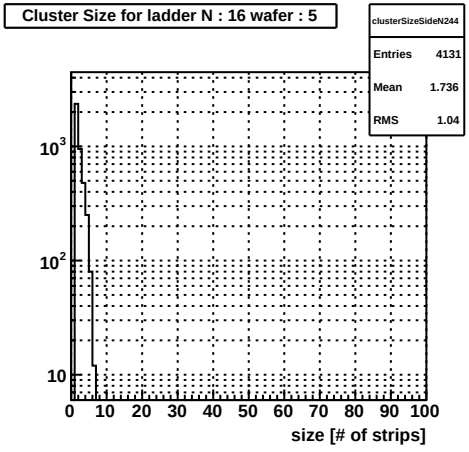

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 3644
Mean 1.393
RMS 0.8245
size [# of strips]

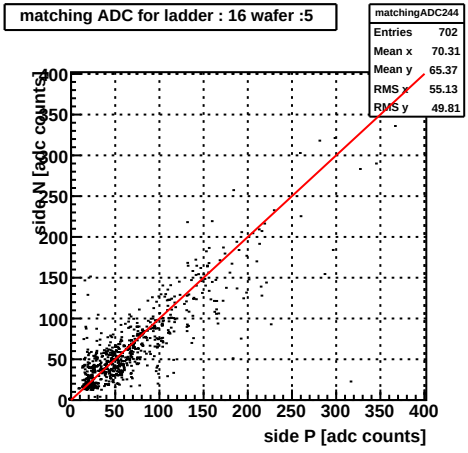

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 906
Mean x 81.12
Mean y 74.14
RMS x 65.11
RMS y 61.42
side N [adc counts]
side P [adc counts]

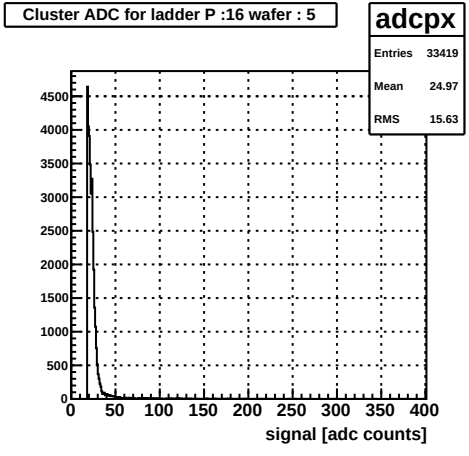

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 6598
Mean 36.52
RMS 38.55
signal [adc counts]

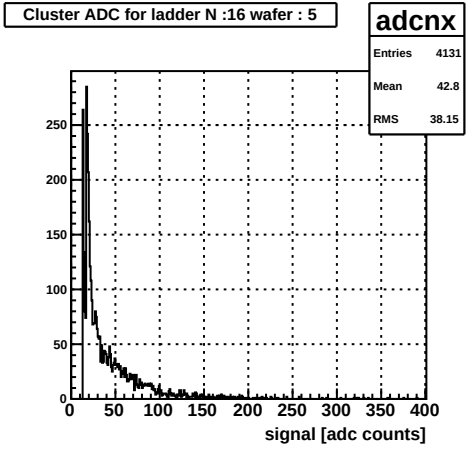

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 3644
Mean 44.05
RMS 46.71
signal [adc counts]

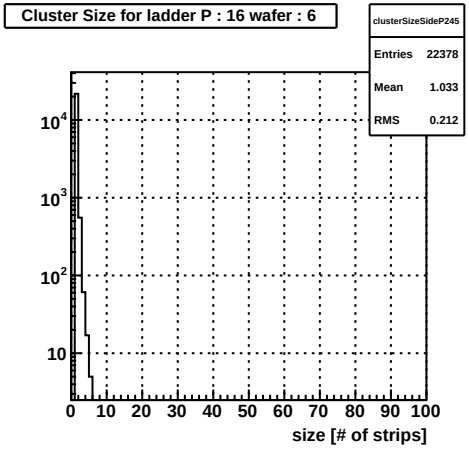

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 33419
Mean 1.032
RMS 0.1966
size [# of strips]

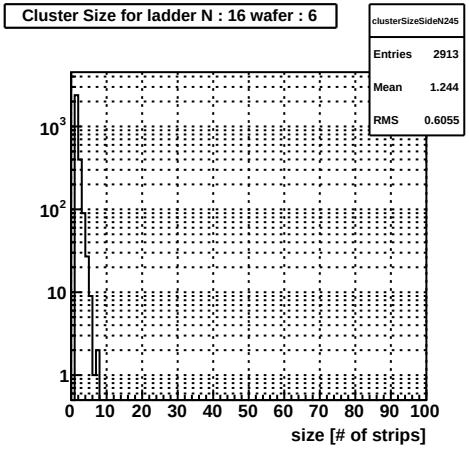

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 4131
Mean 1.736
RMS 1.04
size [# of strips]

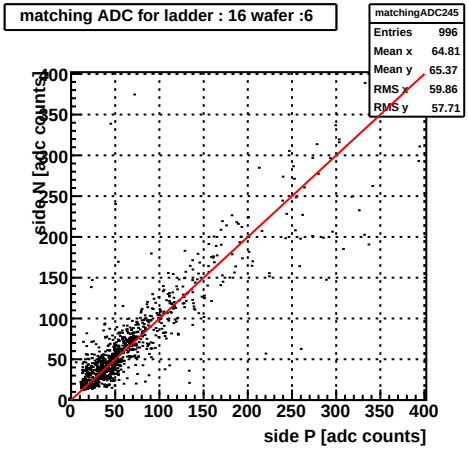

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 702
Mean x 70.31
Mean y 65.37
RMS x 55.13
RMS y 49.81
side N [adc counts]
side P [adc counts]

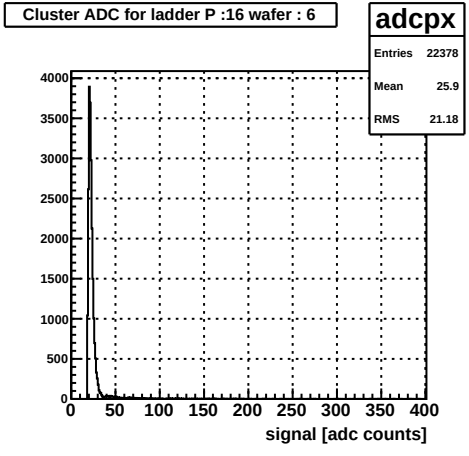

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 33419
Mean 24.97
RMS 15.63
signal [adc counts]

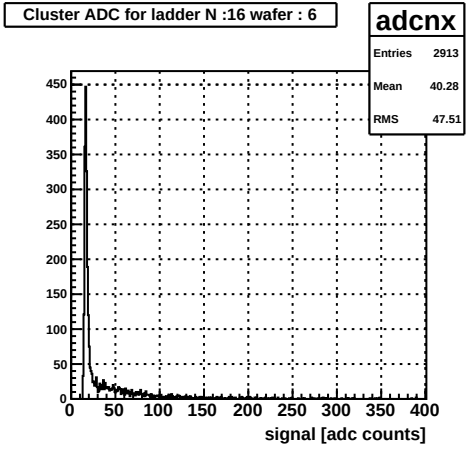

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 4131
Mean 42.8
RMS 38.15
signal [adc counts]

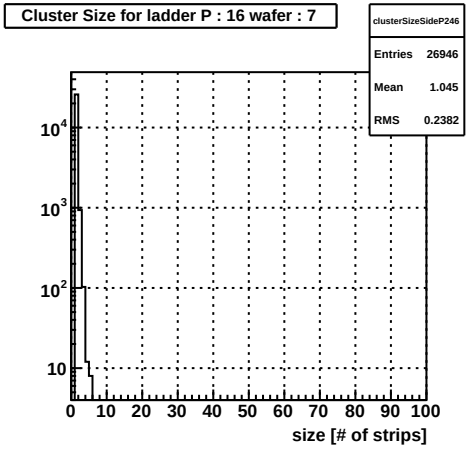

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 22378
Mean 1.033
RMS 0.212
size [# of strips]

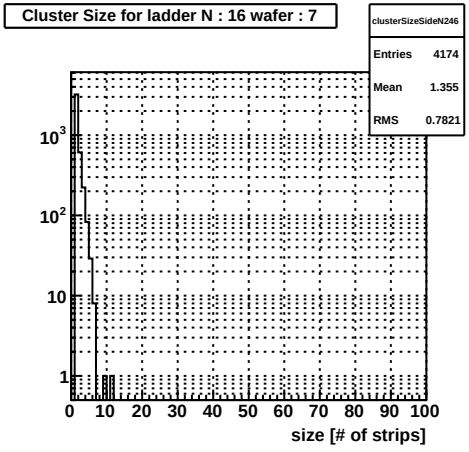

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2913
Mean 1.244
RMS 0.6055
size [# of strips]

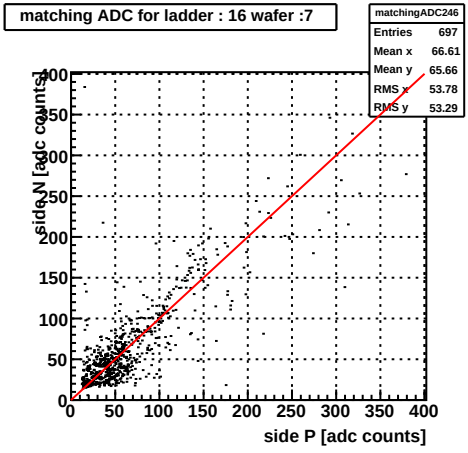

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 996
Mean x 64.81
Mean y 65.37
RMS x 59.86
RMS y 57.71
side N [adc counts]
side P [adc counts]

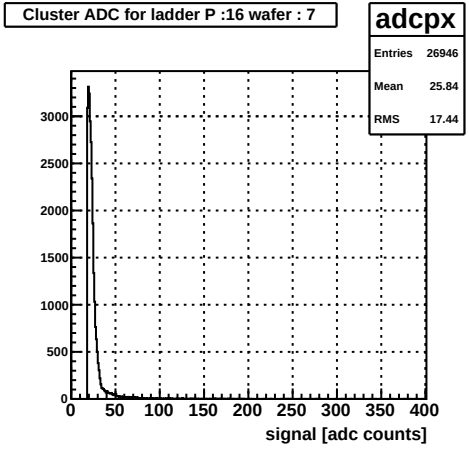

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 22378
Mean 25.9
RMS 21.18
signal [adc counts]

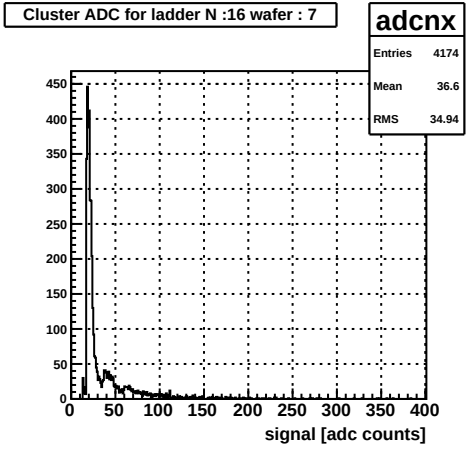

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2913
Mean 40.28
RMS 47.51
signal [adc counts]

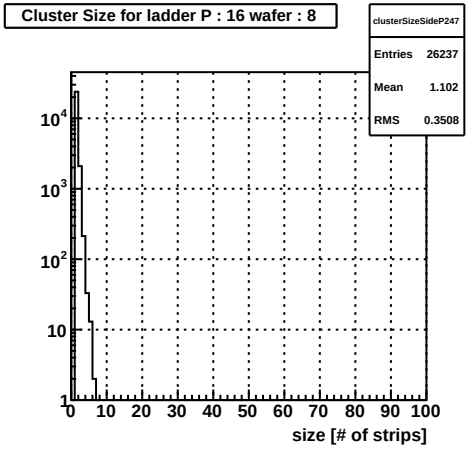

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 26946
Mean 1.045
RMS 0.2382
size [# of strips]

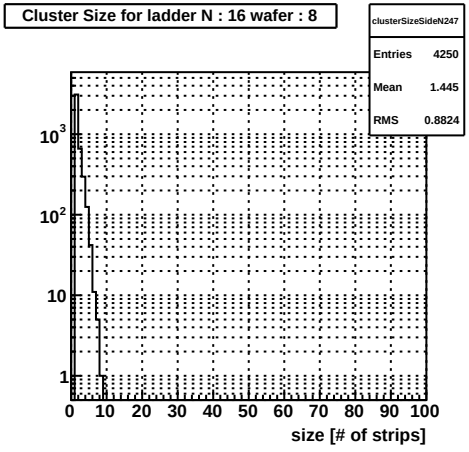

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4174
Mean 1.355
RMS 0.7821
size [# of strips]

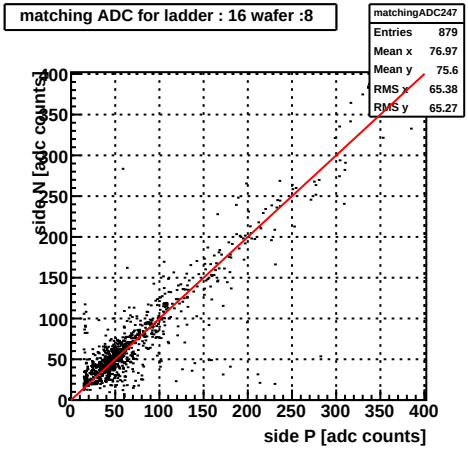

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 697
Mean x 66.61
Mean y 65.66
RMS x 53.78
RMS y 53.29
side N [adc counts]
side P [adc counts]

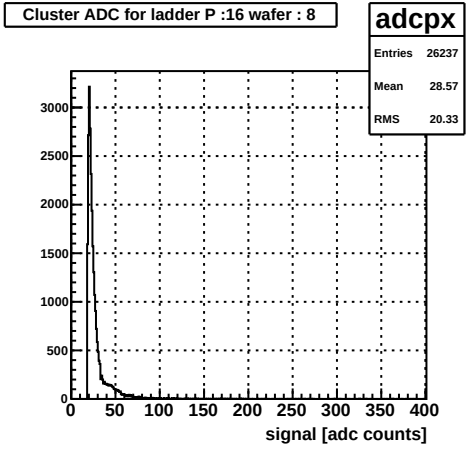

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 26946
Mean 25.84
RMS 17.44
signal [adc counts]

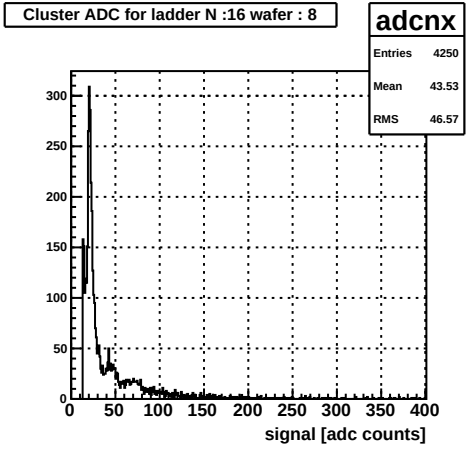

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4174
Mean 36.6
RMS 34.94
signal [adc counts]

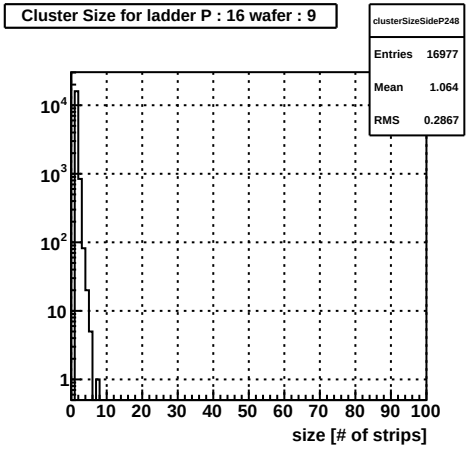

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 26237
Mean 1.102
RMS 0.3508
size [# of strips]

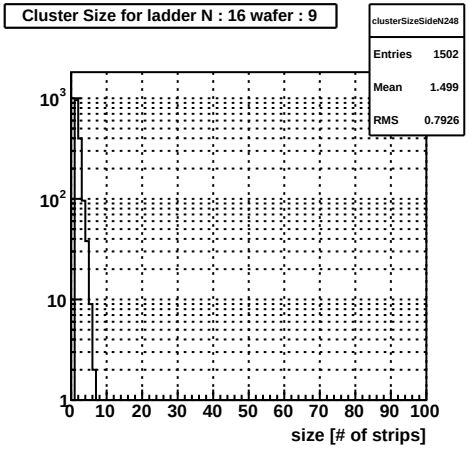

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4250
Mean 1.445
RMS 0.8824
size [# of strips]

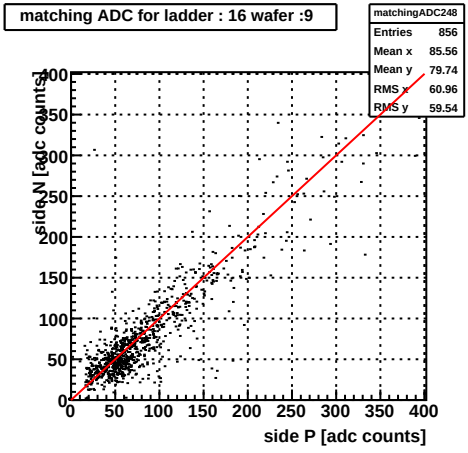

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 879
Mean x 76.97
Mean y 75.6
RMS x 65.38
RMS y 65.27
side N [adc counts]
side P [adc counts]

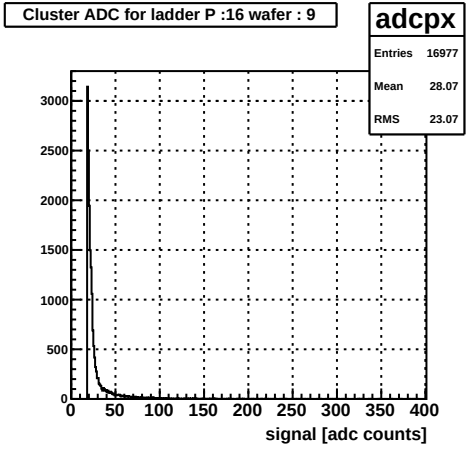

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 26237
Mean 28.57
RMS 20.33
signal [adc counts]

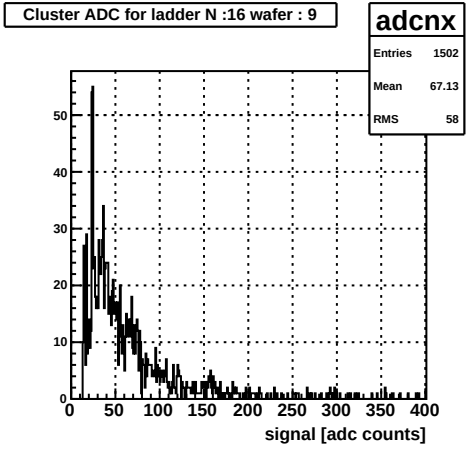

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4250
Mean 43.53
RMS 46.57
signal [adc counts]

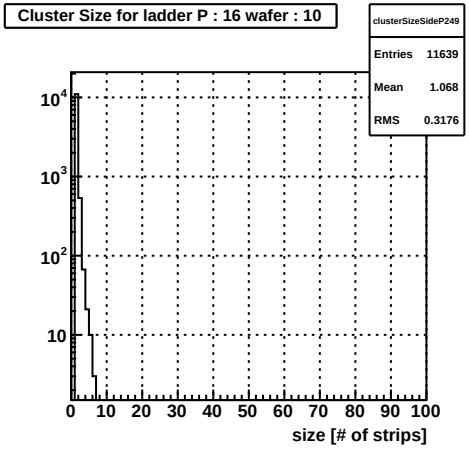

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 16977
Mean 1.064
RMS 0.2867
size [# of strips]

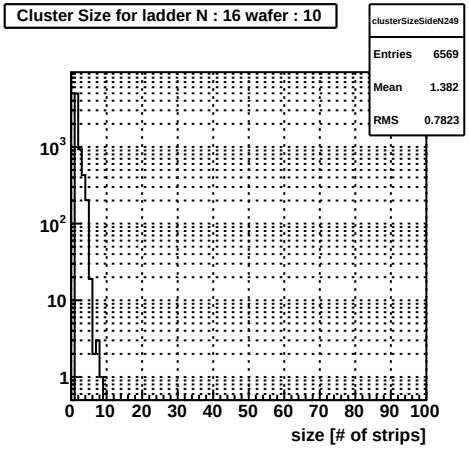

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1502
Mean 1.499
RMS 0.7926
size [# of strips]

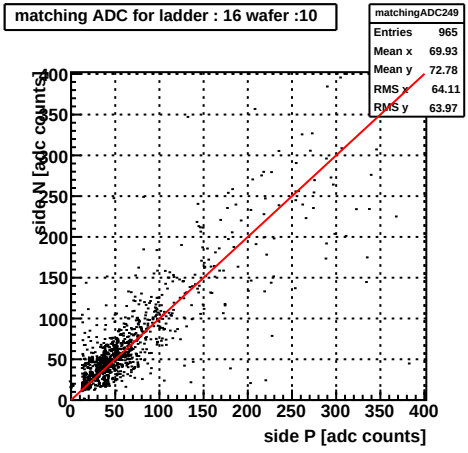

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 856
Mean x 85.56
Mean y 79.74
RMS x 60.96
RMS y 59.54
side N [adc counts]
side P [adc counts]

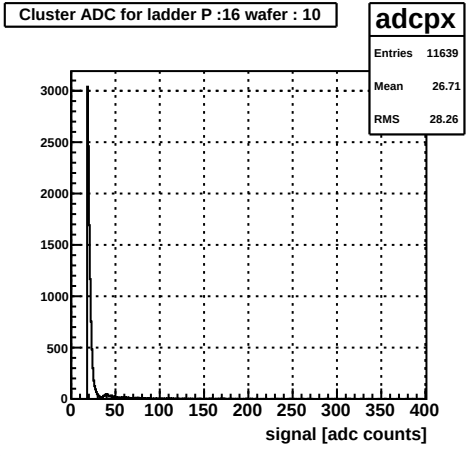

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 16977
Mean 28.07
RMS 23.07
signal [adc counts]

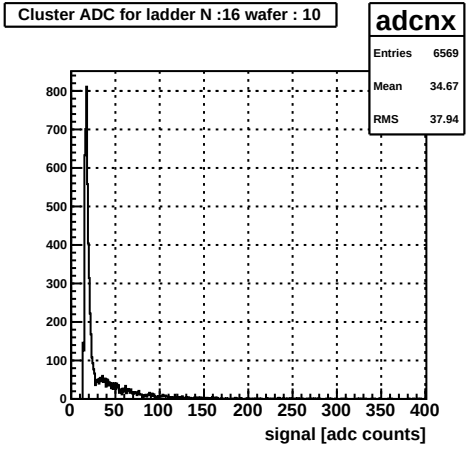

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1502
Mean 67.13
RMS 58
signal [adc counts]

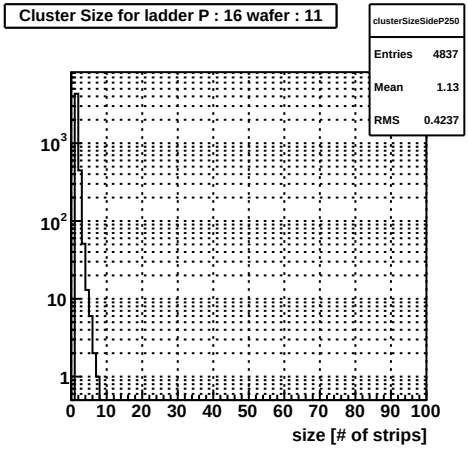

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 11639
Mean 1.068
RMS 0.3176
size [# of strips]

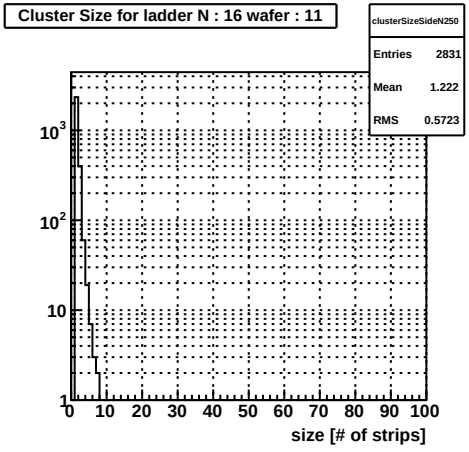

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 6569
Mean 1.382
RMS 0.7823
size [# of strips]

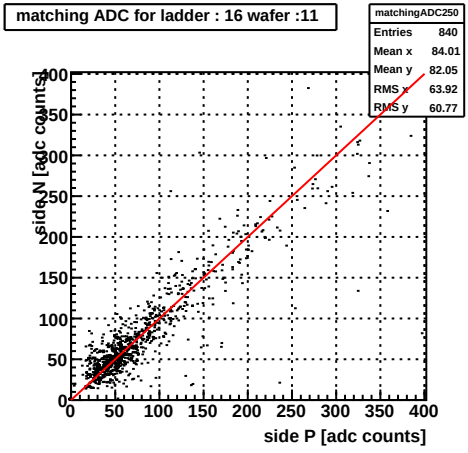

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 965
Mean x 69.93
Mean y 72.78
RMS x 64.11
RMS y 63.97
side N [adc counts]
side P [adc counts]

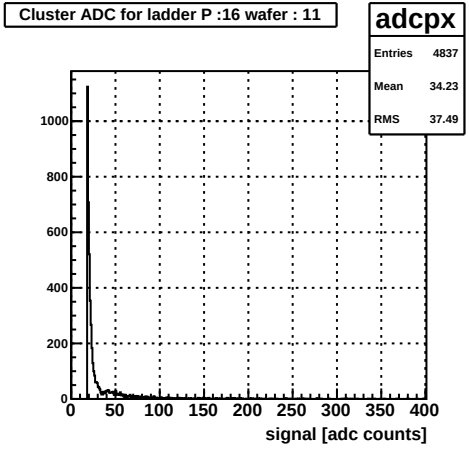

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 11639
Mean 26.71
RMS 28.26
signal [adc counts]

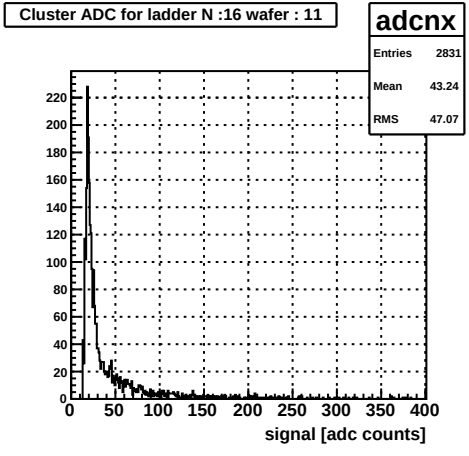

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 6569
Mean 34.67
RMS 37.94
signal [adc counts]

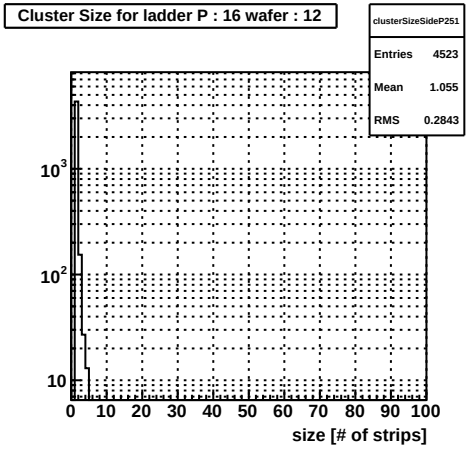

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4837
Mean 1.13
RMS 0.4237
size [# of strips]

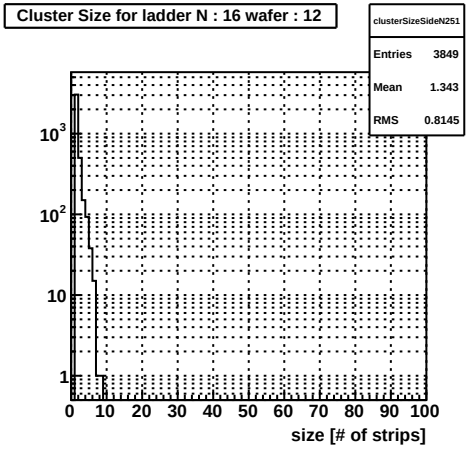

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2831
Mean 1.222
RMS 0.5723
size [# of strips]

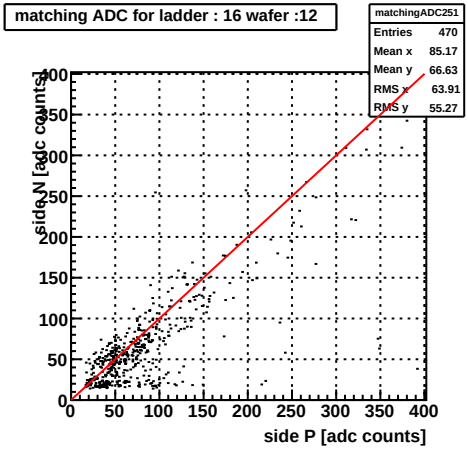

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 840
Mean x 84.01
Mean y 82.05
RMS x 63.92
RMS y 60.77
side N [adc counts]
side P [adc counts]

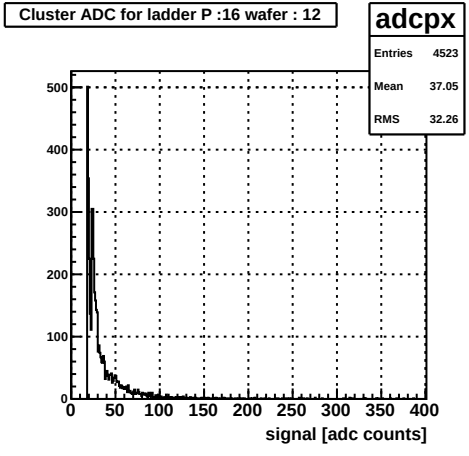

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4837
Mean 34.23
RMS 37.49
signal [adc counts]

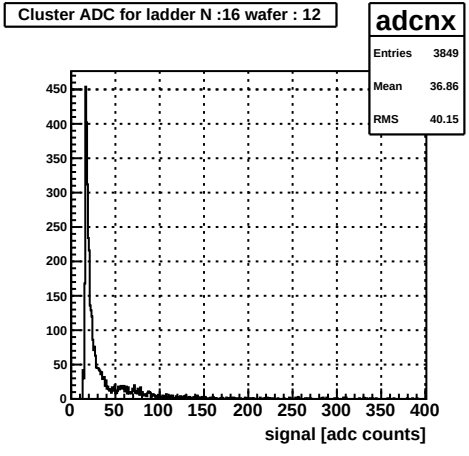

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2831
Mean 43.24
RMS 47.07
signal [adc counts]

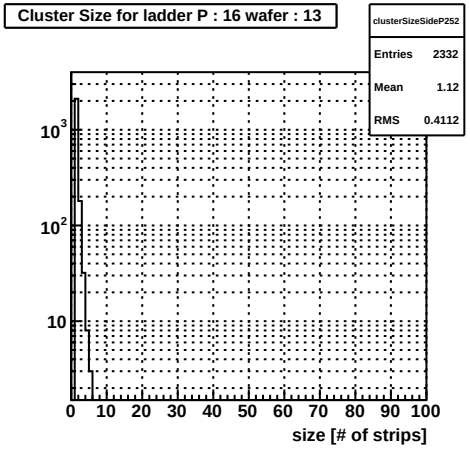

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 4523
Mean 1.055
RMS 0.2843
size [# of strips]

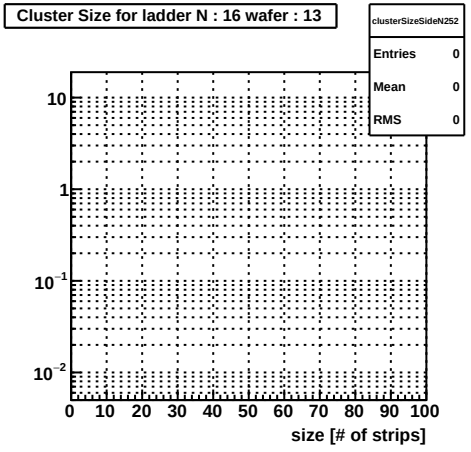

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3849
Mean 1.343
RMS 0.8145
size [# of strips]

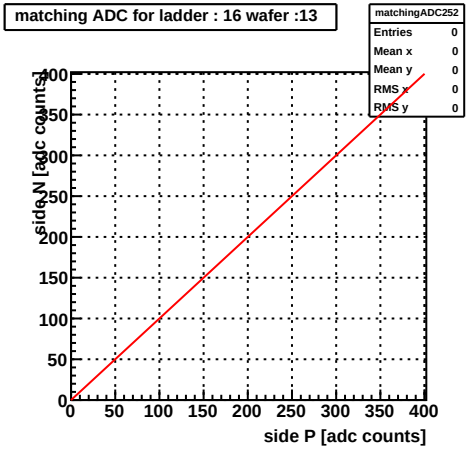

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 470
Mean x 85.17
Mean y 66.63
RMS x 63.91
RMS y 55.27
side N [adc counts]
side P [adc counts]

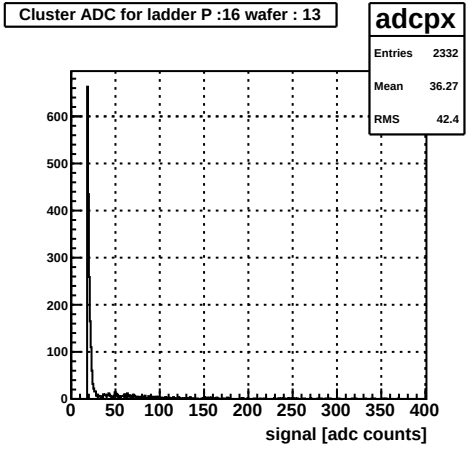

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 4523
Mean 37.05
RMS 32.26
signal [adc counts]

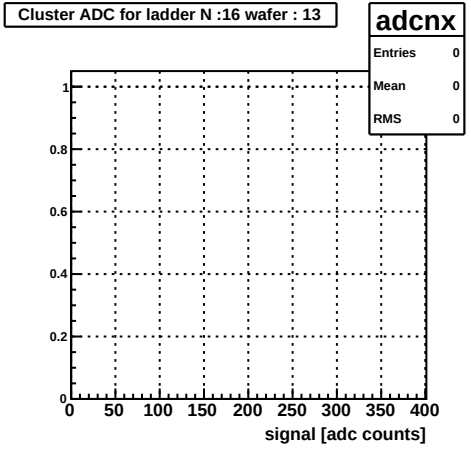

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3849
Mean 36.86
RMS 40.15
signal [adc counts]

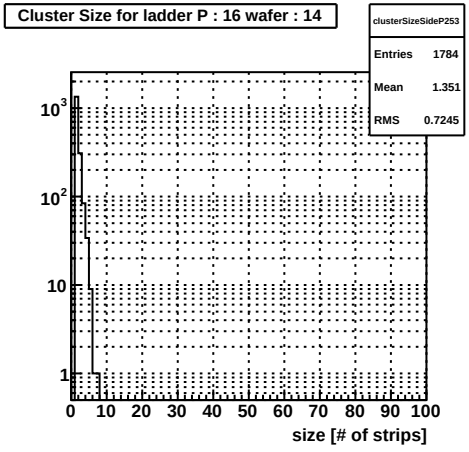

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2332
Mean 1.12
RMS 0.4112
size [# of strips]

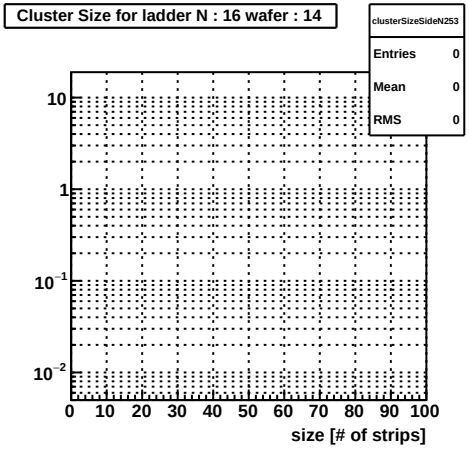

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

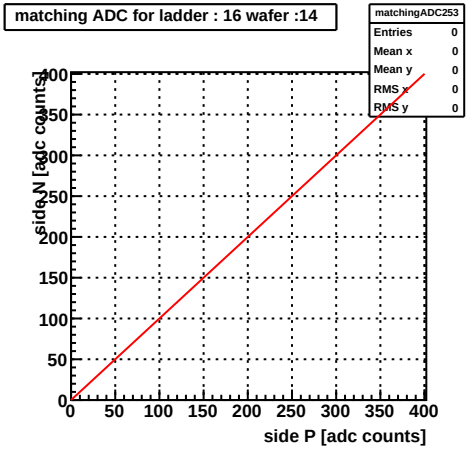

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

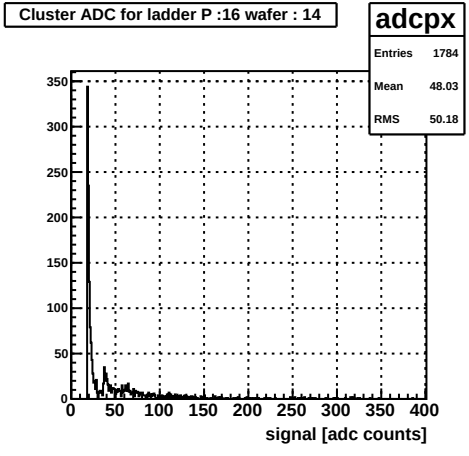

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2332
Mean 36.27
RMS 42.4
signal [adc counts]

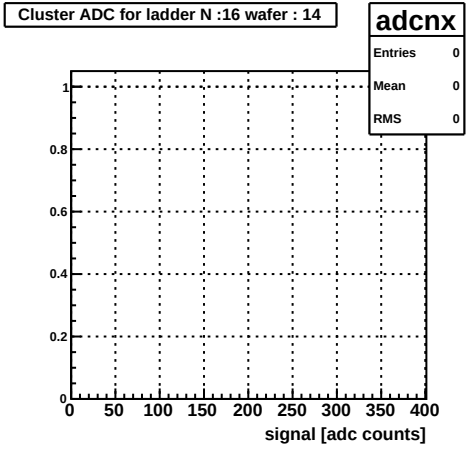

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

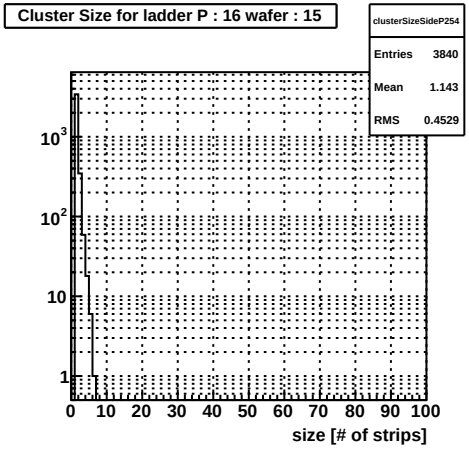

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1784
Mean 1.351
RMS 0.7245
size [# of strips]

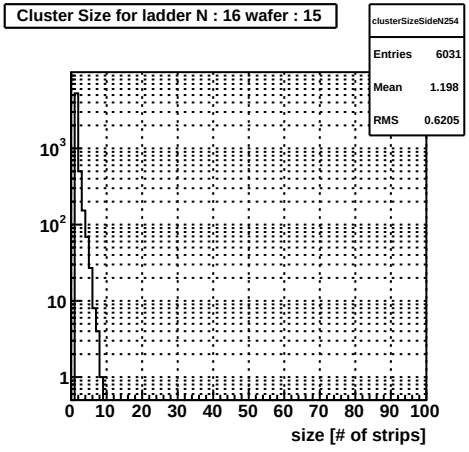

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

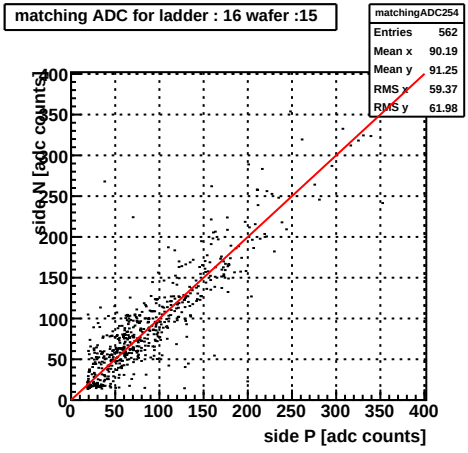

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

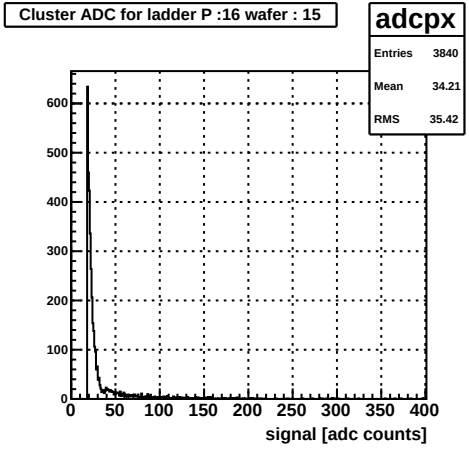

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1784
Mean 48.03
RMS 50.18
signal [adc counts]

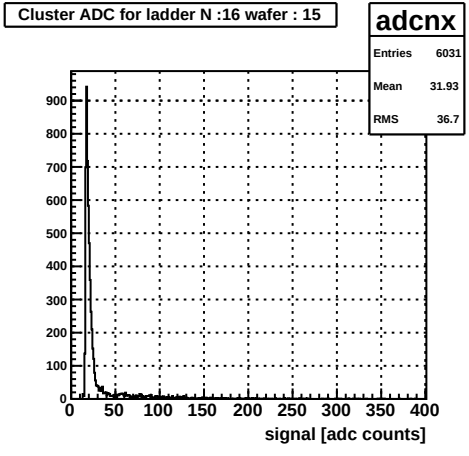

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

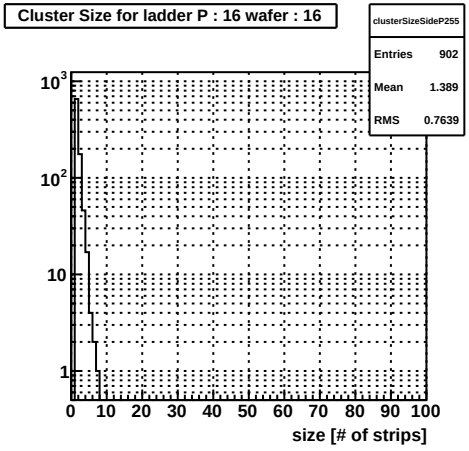

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3840
Mean 1.143
RMS 0.4529
size [# of strips]

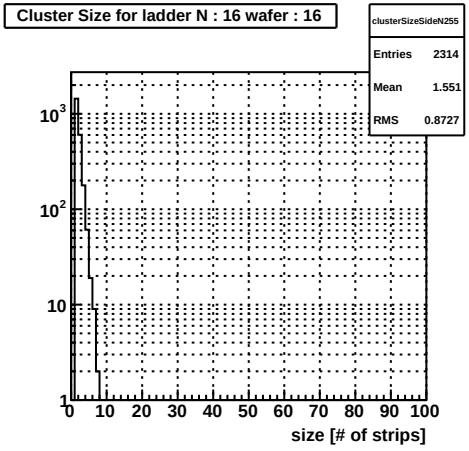

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 6031
Mean 1.198
RMS 0.6205
size [# of strips]

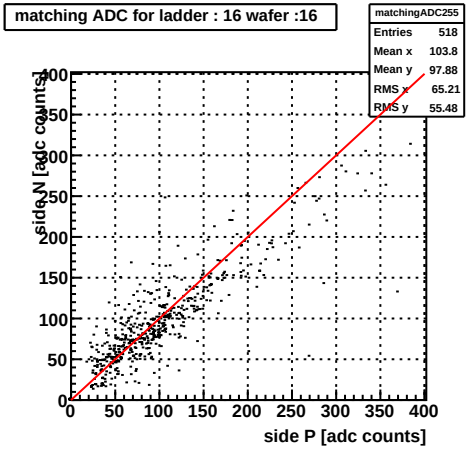

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 562
Mean x 90.19
Mean y 91.25
RMS x 59.37
RMS y 61.98
side N [adc counts]
side P [adc counts]

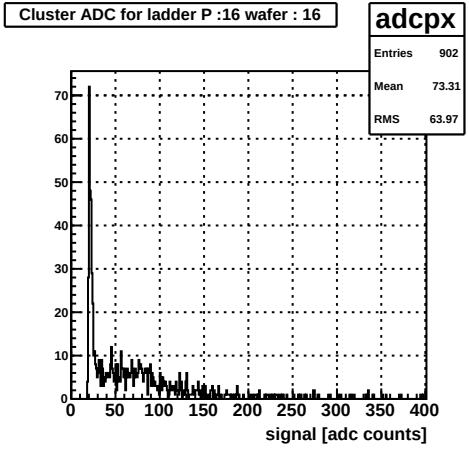

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3840
Mean 34.21
RMS 35.42
signal [adc counts]

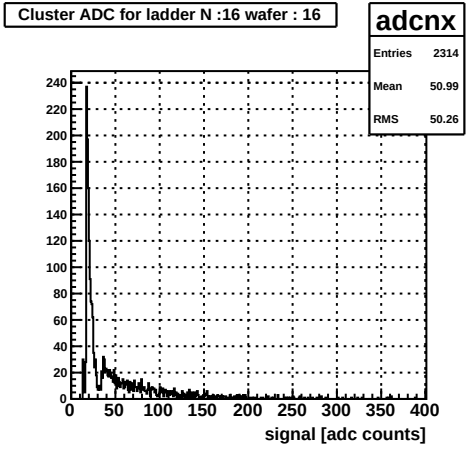

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 6031
Mean 31.93
RMS 36.7
signal [adc counts]

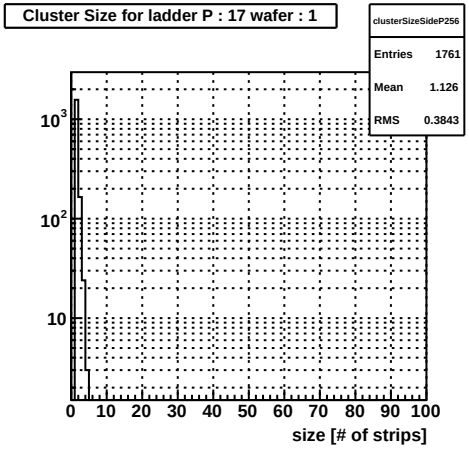

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 902
Mean 1.389
RMS 0.7639
size [# of strips]

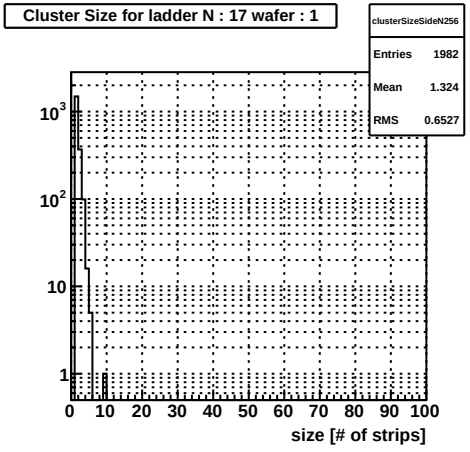

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2314
Mean 1.551
RMS 0.8727
size [# of strips]

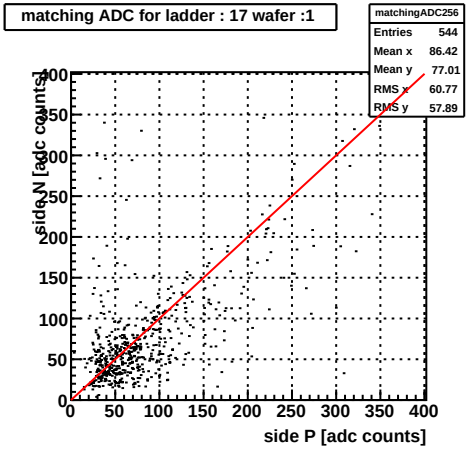

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 518
Mean x 103.8
Mean y 97.88
RMS x 65.21
RMS y 55.48
side N [adc counts]
side P [adc counts]

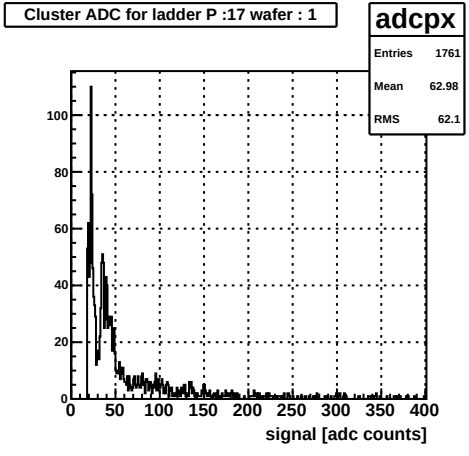

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 902
Mean 73.31
RMS 63.97
signal [adc counts]

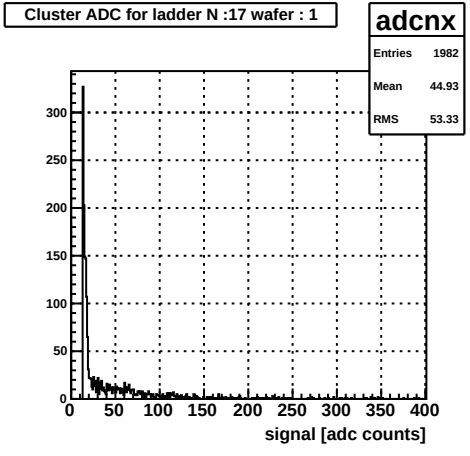

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2314
Mean 50.99
RMS 50.26
signal [adc counts]

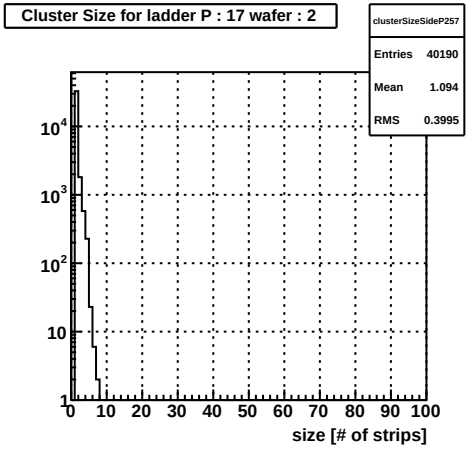

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1761
Mean 1.126
RMS 0.3843
size [# of strips]

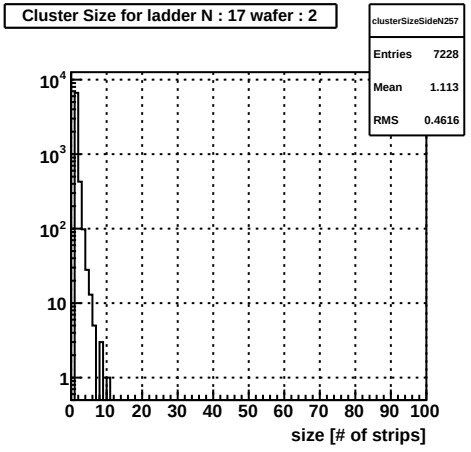

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1982
Mean 1.324
RMS 0.6527
size [# of strips]

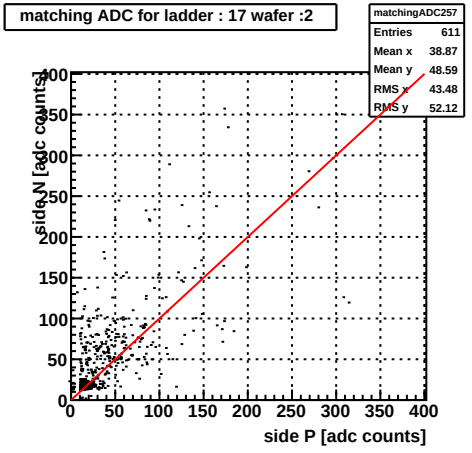

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 544
Mean x 86.42
Mean y 77.01
RMS x 60.77
RMS y 57.89
side N [adc counts]
side P [adc counts]

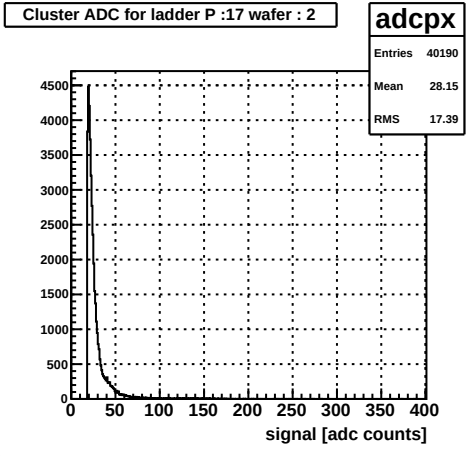

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1761
Mean 62.98
RMS 62.1
signal [adc counts]

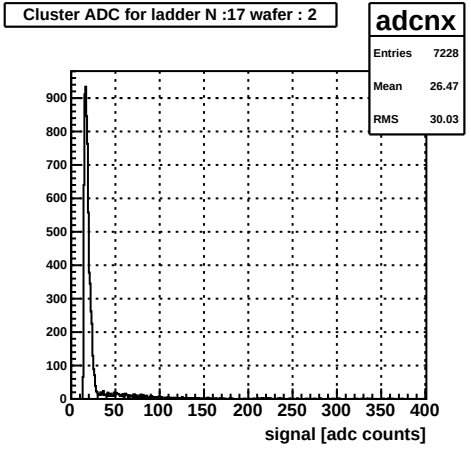

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1982
Mean 44.93
RMS 53.33
signal [adc counts]

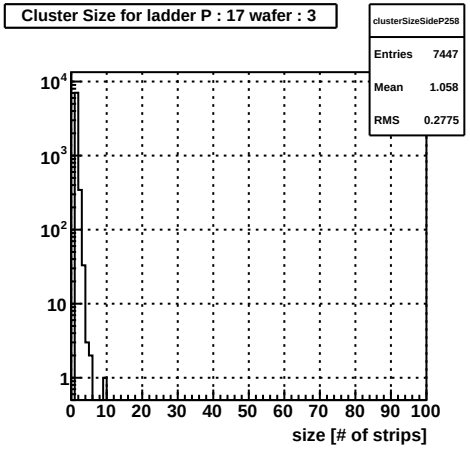

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 40190
Mean 1.094
RMS 0.3995
size [# of strips]

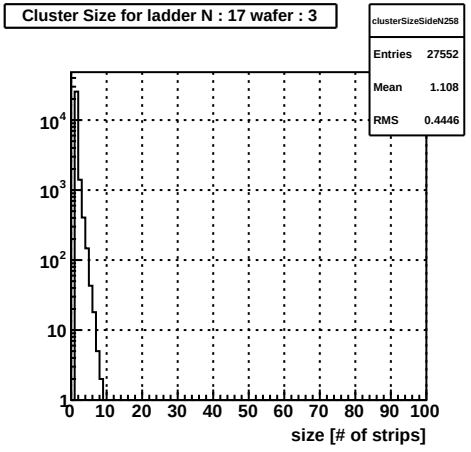

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 7228
Mean 1.113
RMS 0.4616
size [# of strips]

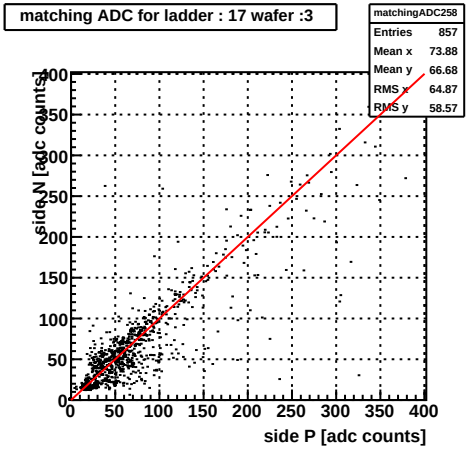

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 611
Mean x 38.87
Mean y 48.59
RMS x 43.48
RMS y 52.12
side N [adc counts]
side P [adc counts]

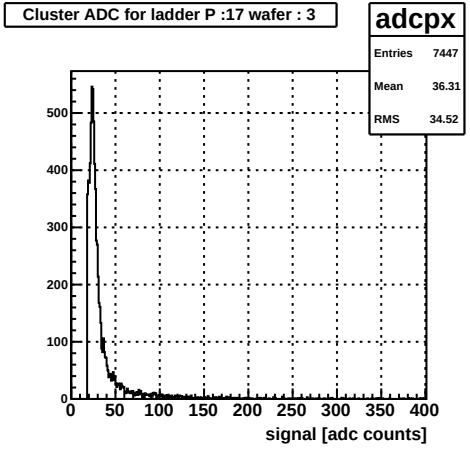

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 40190
Mean 28.15
RMS 17.39
signal [adc counts]

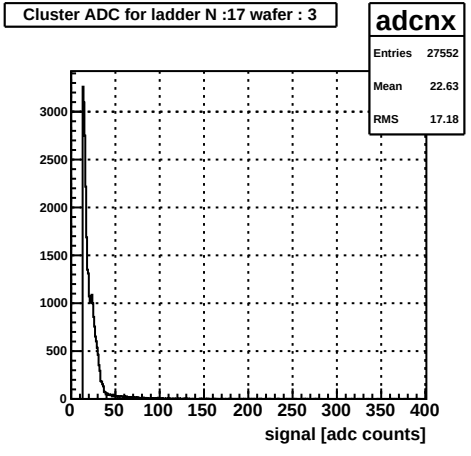

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 7228
Mean 26.47
RMS 30.03
signal [adc counts]

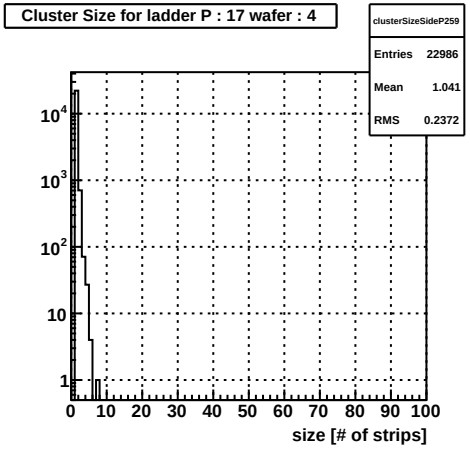

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 7447
Mean 1.058
RMS 0.2775
size [# of strips]

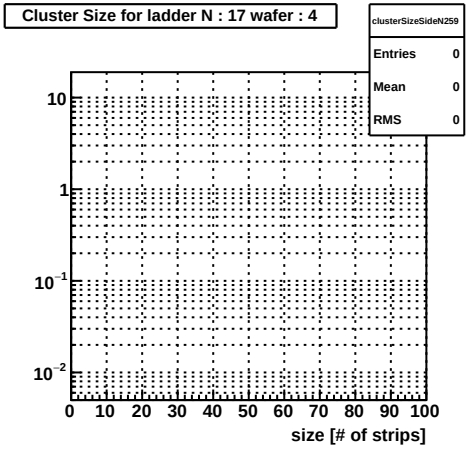

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 27552
Mean 1.108
RMS 0.4446
size [# of strips]

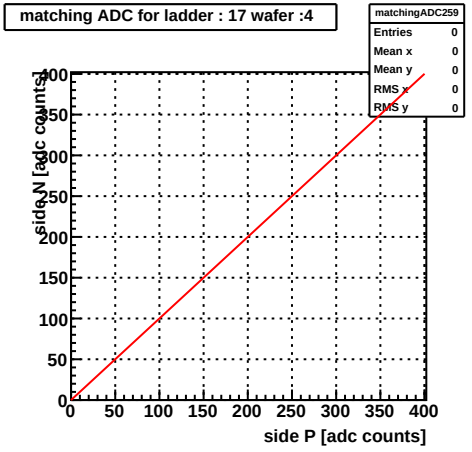

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 857
Mean x 73.88
Mean y 66.68
RMS x 64.87
RMS y 58.57
side N [adc counts]
side P [adc counts]

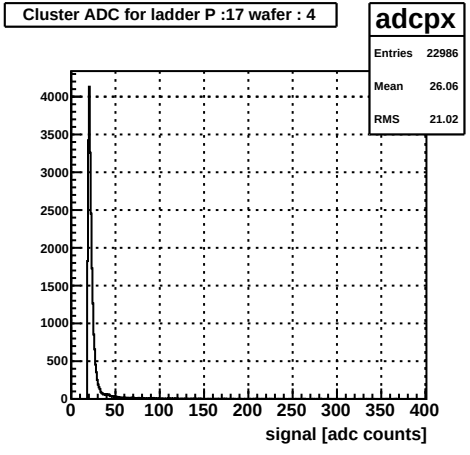

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 7447
Mean 36.31
RMS 34.52
signal [adc counts]

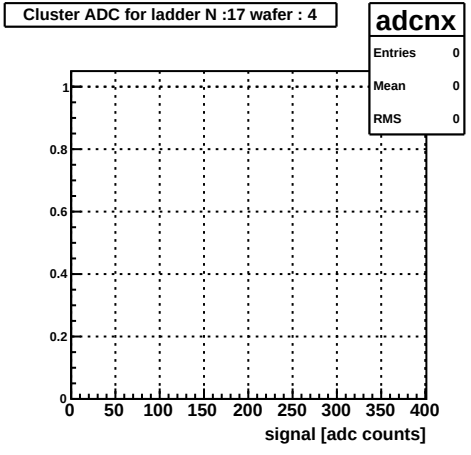

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 27552
Mean 22.63
RMS 17.18
signal [adc counts]

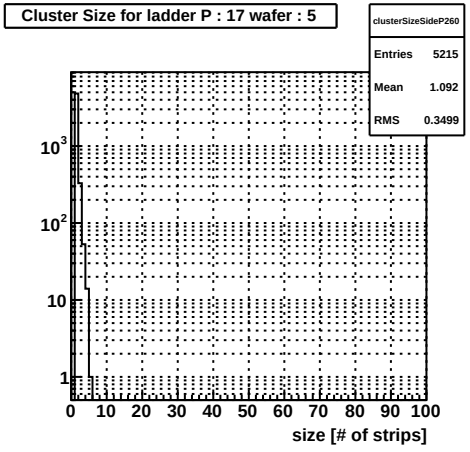

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 22986
Mean 1.041
RMS 0.2372
size [# of strips]

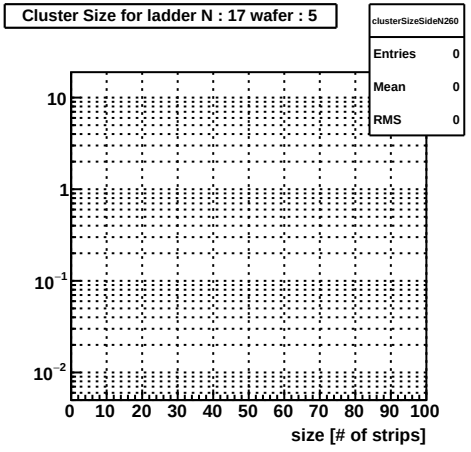

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

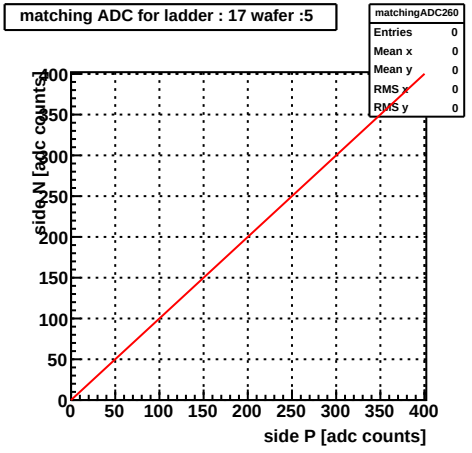

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

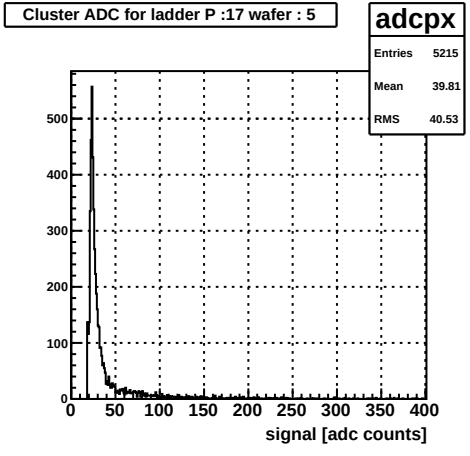

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 22986
Mean 26.06
RMS 21.02
signal [adc counts]

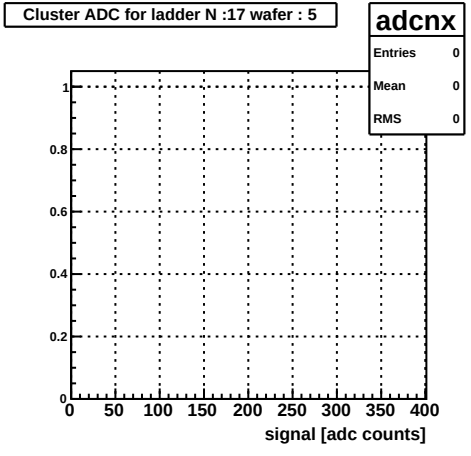

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

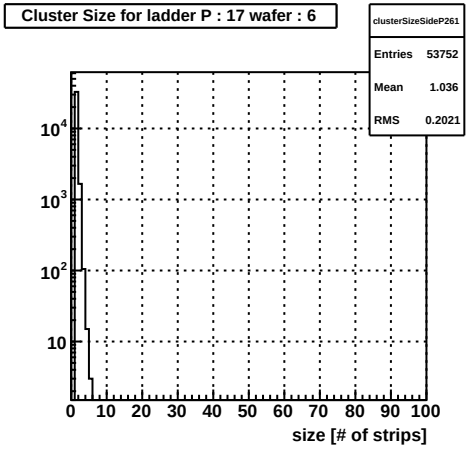

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 5215
Mean 1.092
RMS 0.3499
size [# of strips]

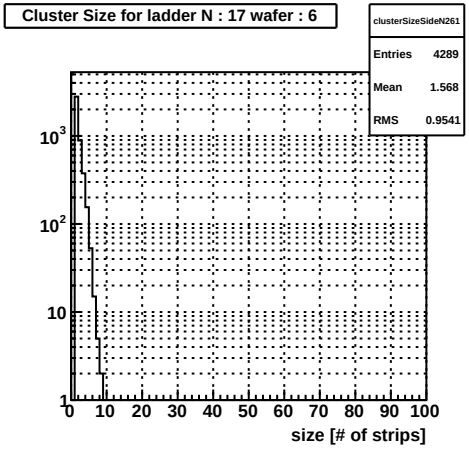

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

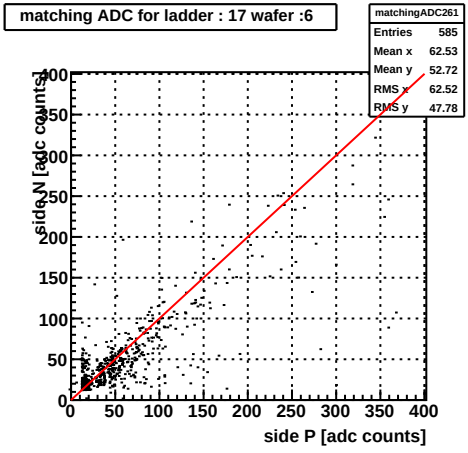

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

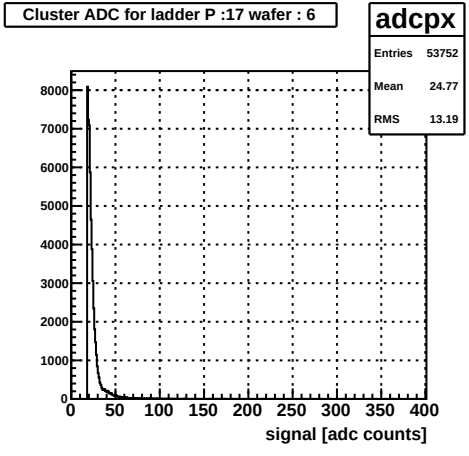

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 5215
Mean 39.81
RMS 40.53
signal [adc counts]

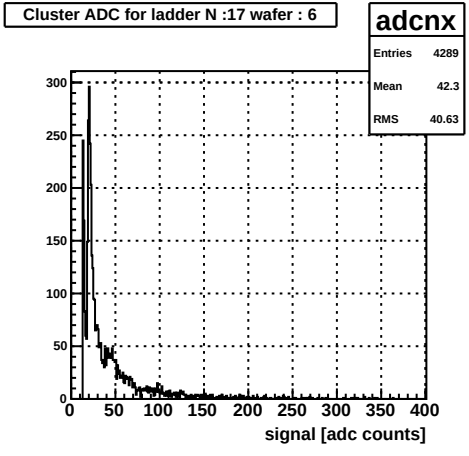

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

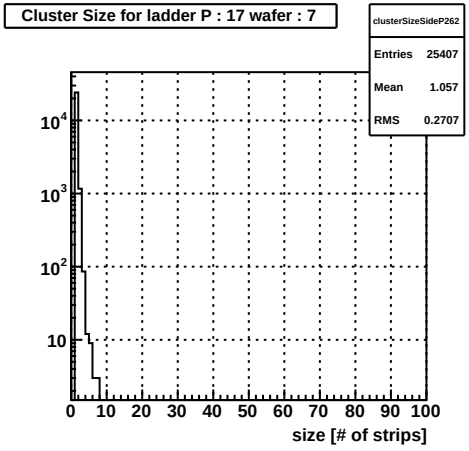

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 53752
Mean 1.036
RMS 0.2021
size [# of strips]

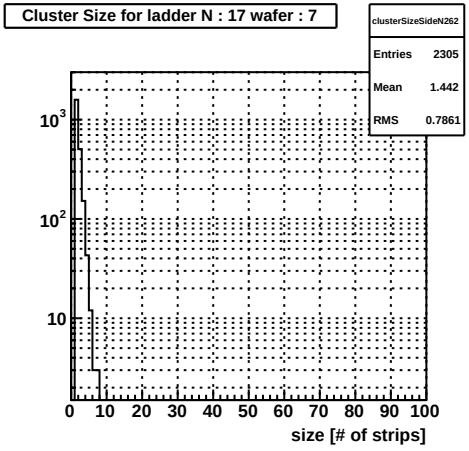

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 4289
Mean 1.568
RMS 0.9541
size [# of strips]

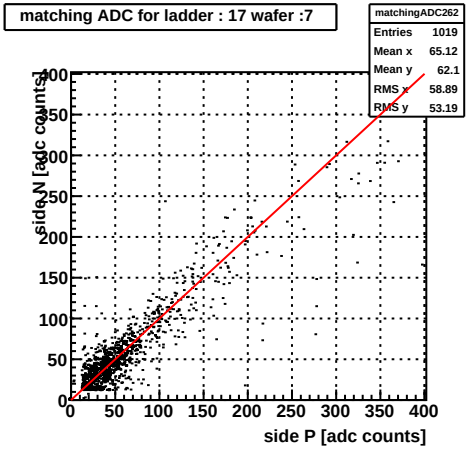

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 585
Mean x 62.53
Mean y 52.72
RMS x 62.52
RMS y 47.78
side N [adc counts]
side P [adc counts]

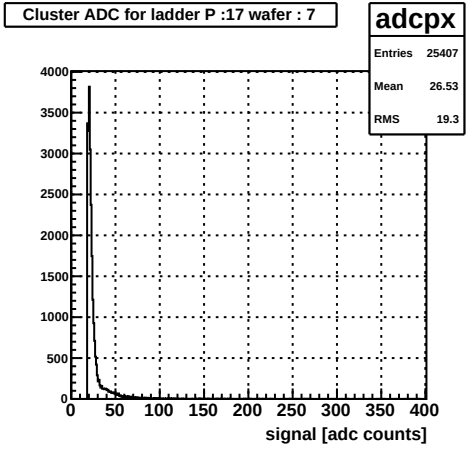

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 53752
Mean 24.77
RMS 13.19
signal [adc counts]

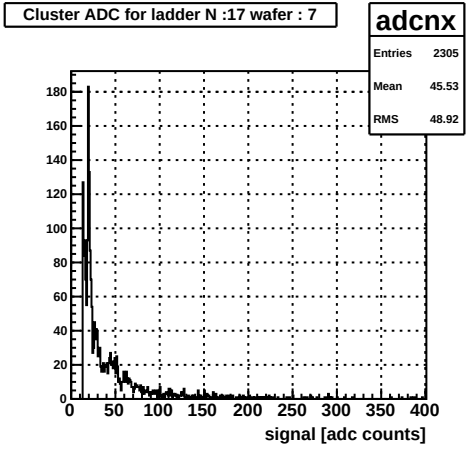

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 4289
Mean 42.3
RMS 40.63
signal [adc counts]

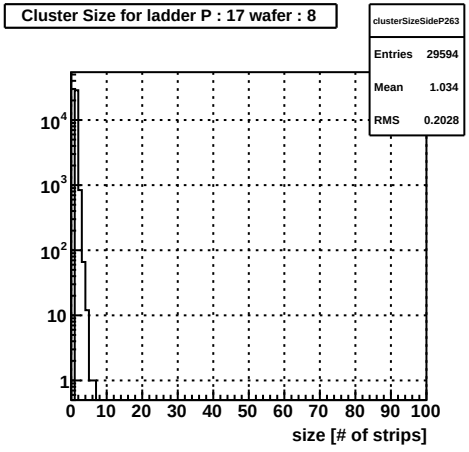

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 25407
Mean 1.057
RMS 0.2707
size [# of strips]

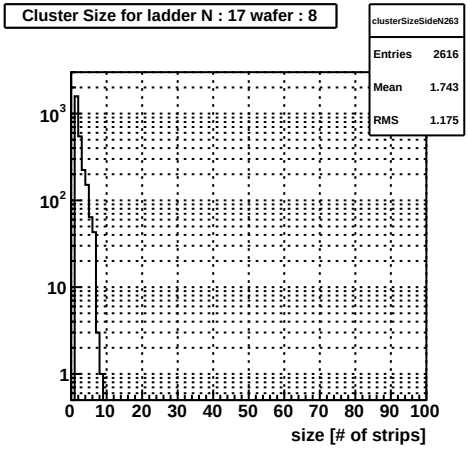

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2305
Mean 1.442
RMS 0.7861
size [# of strips]

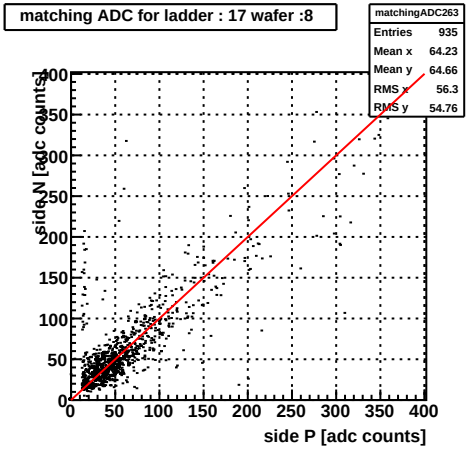

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1019
Mean x 65.12
Mean y 62.1
RMS x 58.89
RMS y 53.19
side N [adc counts]
side P [adc counts]

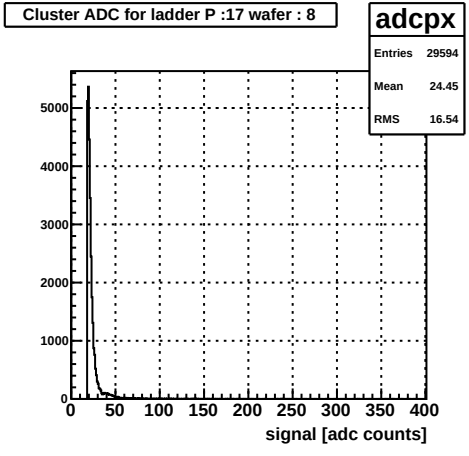

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 25407
Mean 26.53
RMS 19.3
signal [adc counts]

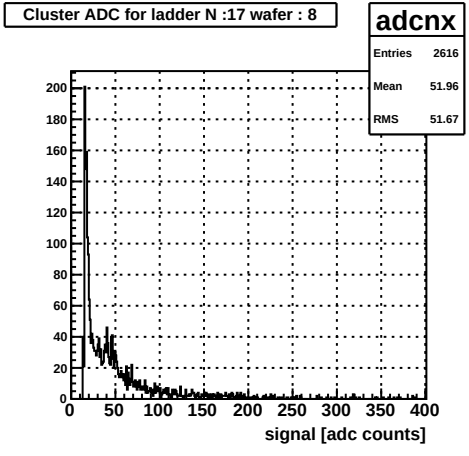

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2305
Mean 45.53
RMS 48.92
signal [adc counts]

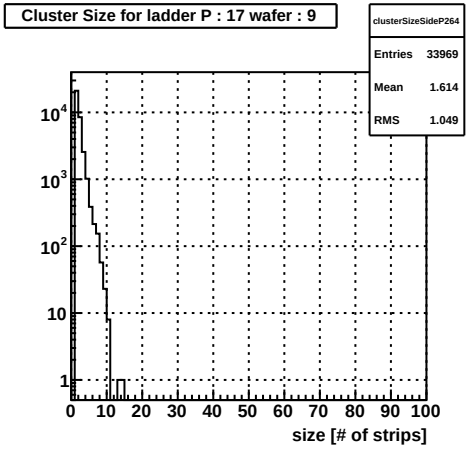

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 29594
Mean 1.034
RMS 0.2028
size [# of strips]

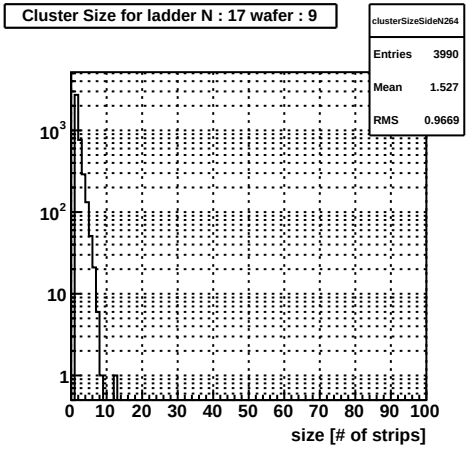

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2616
Mean 1.743
RMS 1.175
size [# of strips]

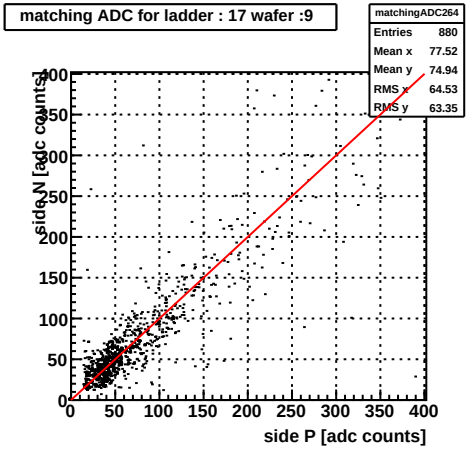

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 935
Mean x 64.23
Mean y 64.66
RMS x 56.3
RMS y 54.76
side N [adc counts]
side P [adc counts]

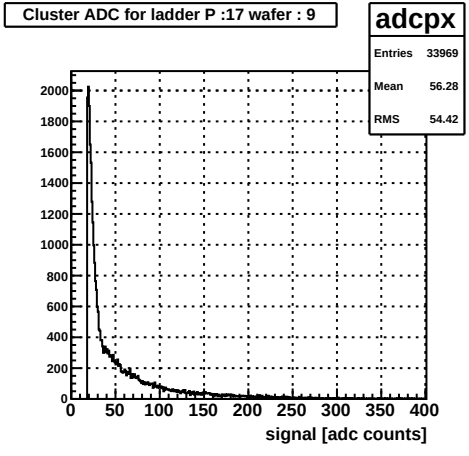

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 29594
Mean 24.45
RMS 16.54
signal [adc counts]

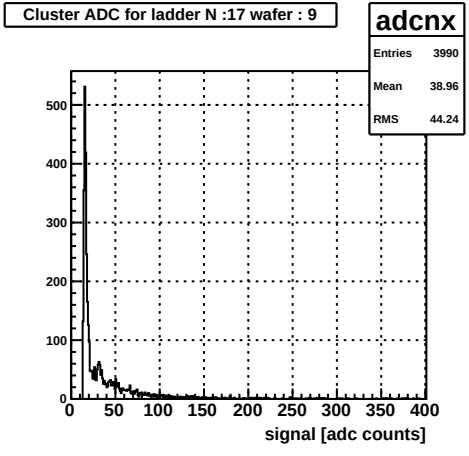

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2616
Mean 51.96
RMS 51.67
signal [adc counts]

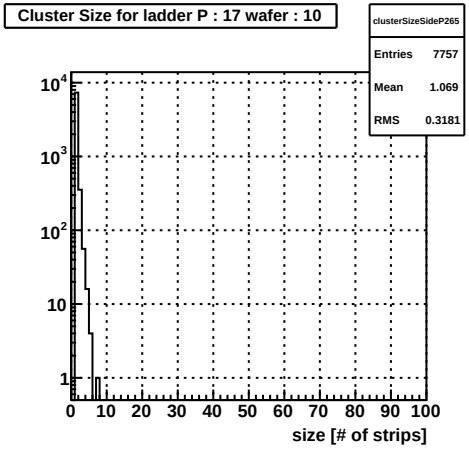

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 33969
Mean 1.614
RMS 1.049
size [# of strips]

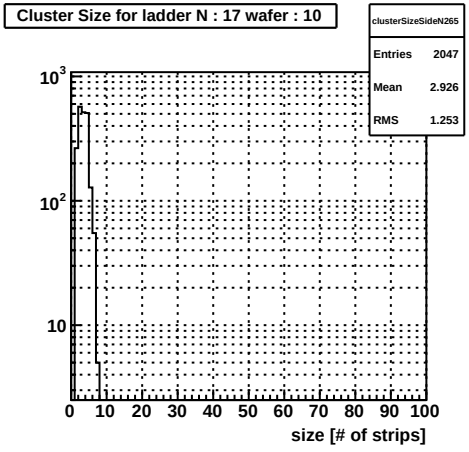

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3990
Mean 1.527
RMS 0.9669
size [# of strips]

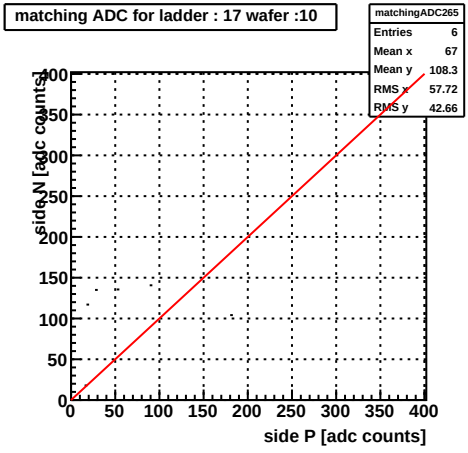

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 880
Mean x 77.52
Mean y 74.94
RMS x 64.53
RMS y 63.35
side N [adc counts]
side P [adc counts]

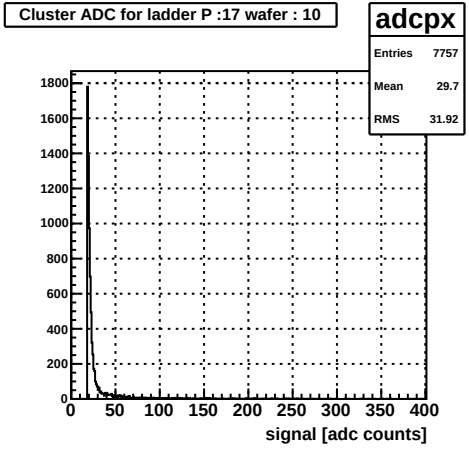

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 33969
Mean 56.28
RMS 54.42
signal [adc counts]

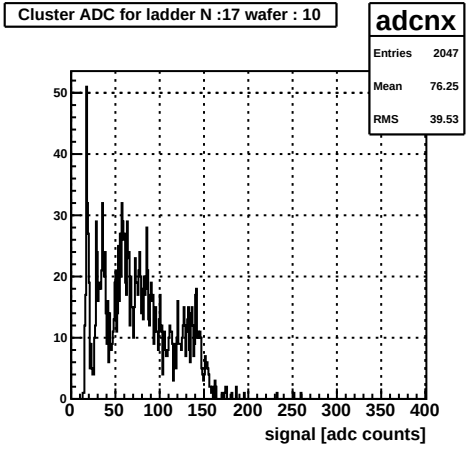

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3990
Mean 38.96
RMS 44.24
signal [adc counts]

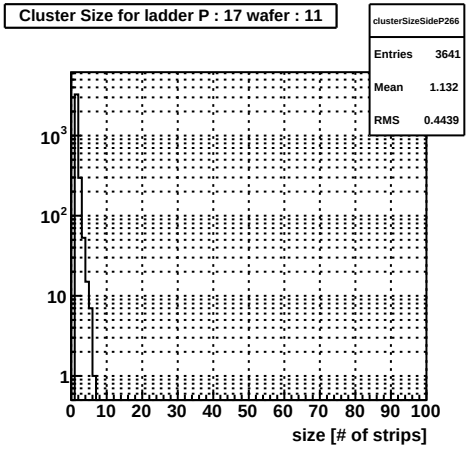

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 7757
Mean 1.069
RMS 0.3181
size [# of strips]

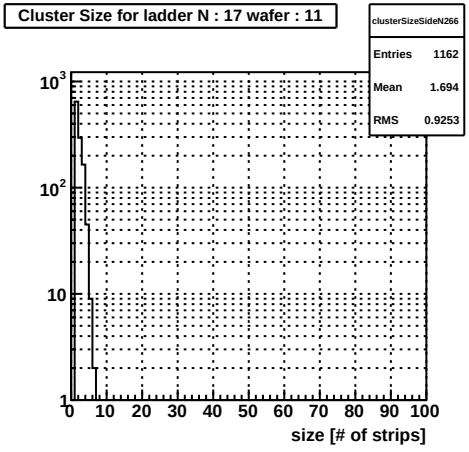

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 2047
Mean 2.926
RMS 1.253
size [# of strips]

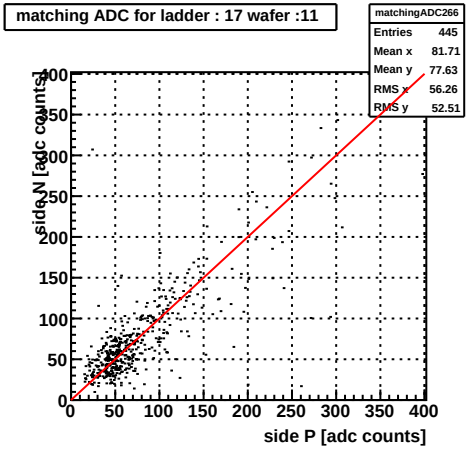

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 6
Mean x 67
Mean y 108.3
RMS x 57.72
RMS y 42.66
side N [adc counts]
side P [adc counts]

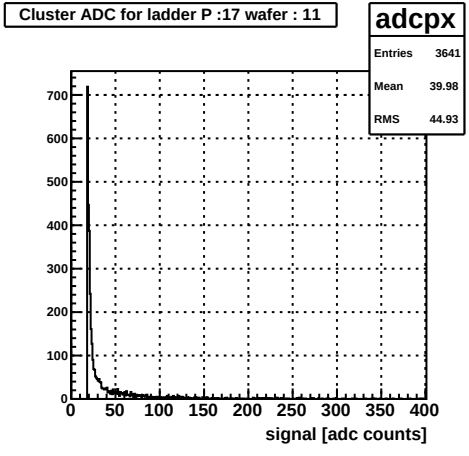

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 7757
Mean 29.7
RMS 31.92
signal [adc counts]

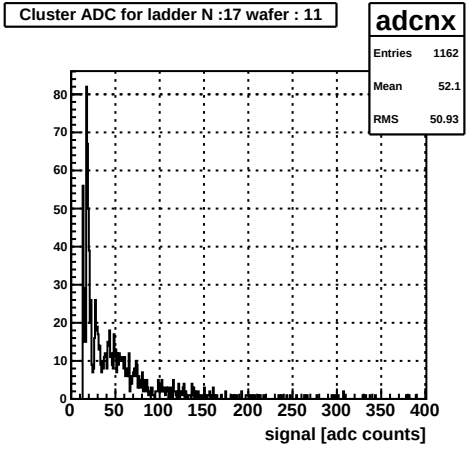

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 2047
Mean 76.25
RMS 39.53
signal [adc counts]

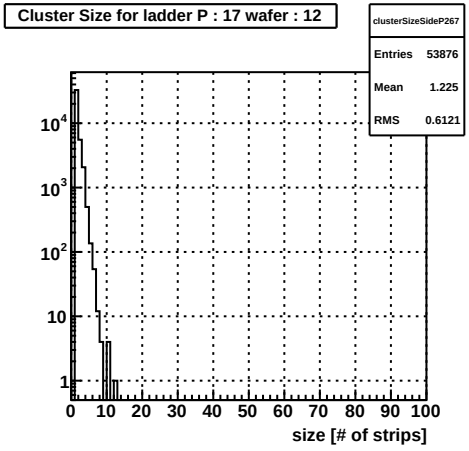

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3641
Mean 1.132
RMS 0.4439
size [# of strips]

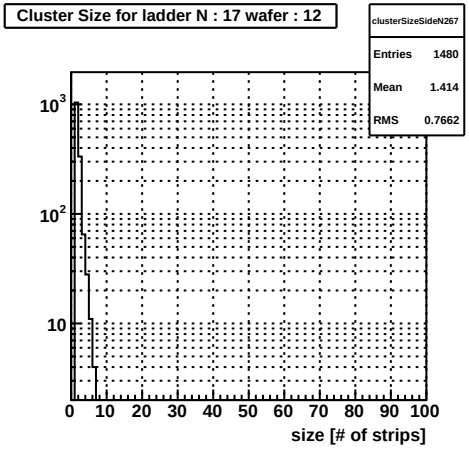

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1162
Mean 1.694
RMS 0.9253
size [# of strips]

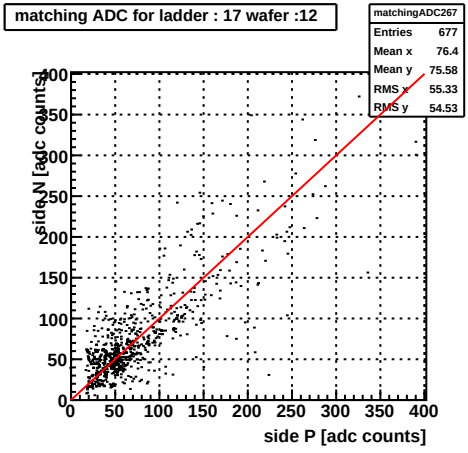

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 445
Mean x 81.71
Mean y 77.63
RMS x 56.26
RMS y 52.51
side N [adc counts]
side P [adc counts]

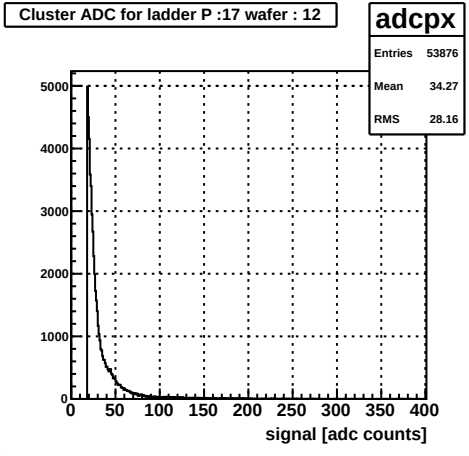

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3641
Mean 39.98
RMS 44.93
signal [adc counts]

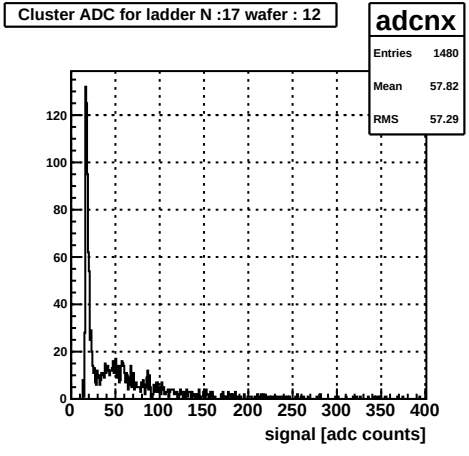

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1162
Mean 52.1
RMS 50.93
signal [adc counts]

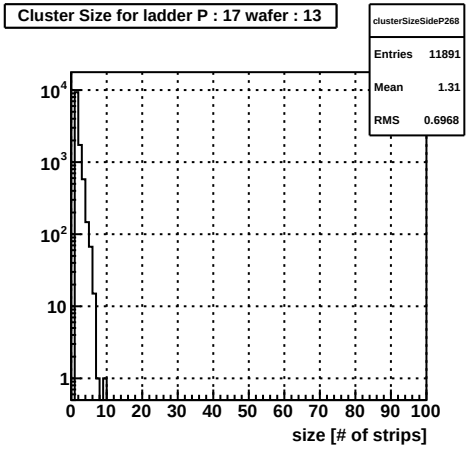

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 53876
Mean 1.225
RMS 0.6121
size [# of strips]

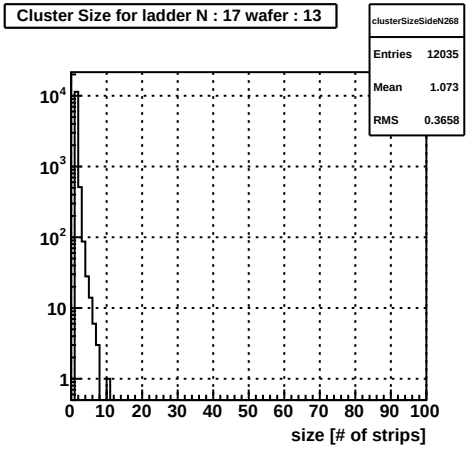

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1480
Mean 1.414
RMS 0.7662
size [# of strips]

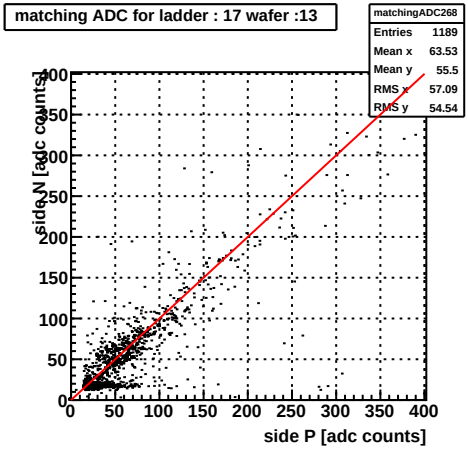

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 677
Mean x 76.4
Mean y 75.58
RMS x 55.33
RMS y 54.53
side N [adc counts]
side P [adc counts]

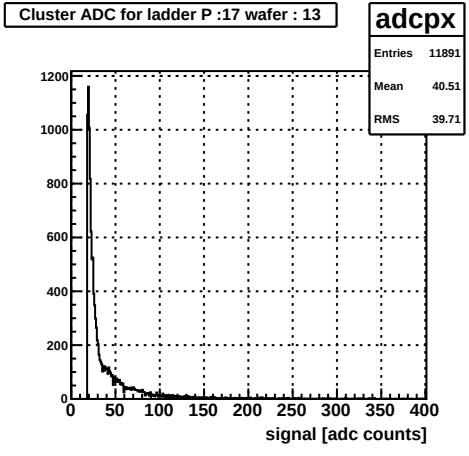

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 53876
Mean 34.27
RMS 28.16
signal [adc counts]

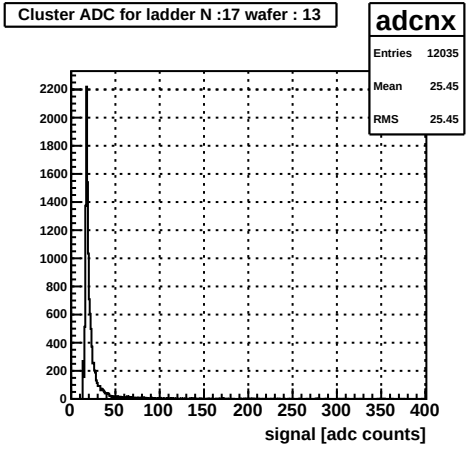

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1480
Mean 57.82
RMS 57.29
signal [adc counts]

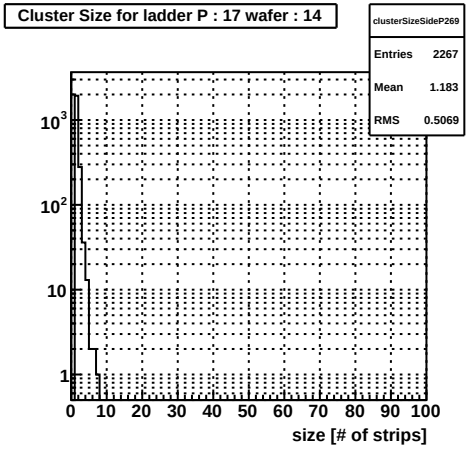

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 11891
Mean 1.31
RMS 0.6968
size [# of strips]

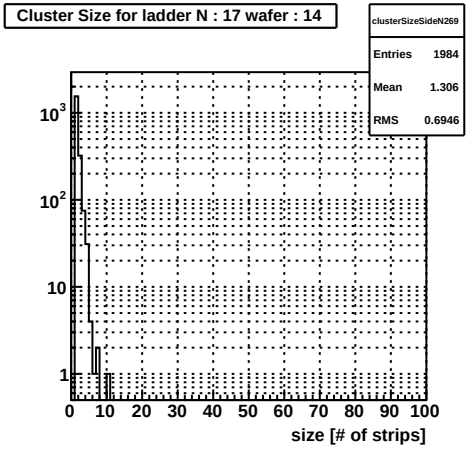

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 12035
Mean 1.073
RMS 0.3658
size [# of strips]

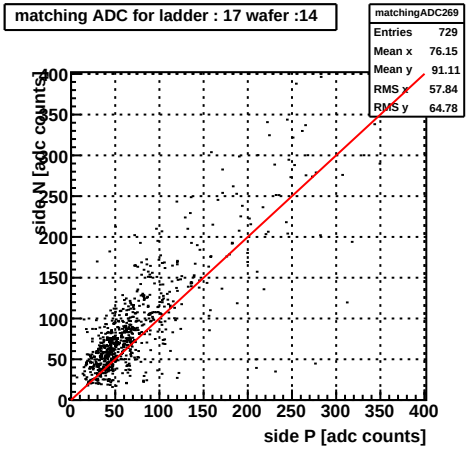

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1189
Mean x 63.53
Mean y 55.5
RMS x 57.09
RMS y 54.54
side N [adc counts]
side P [adc counts]

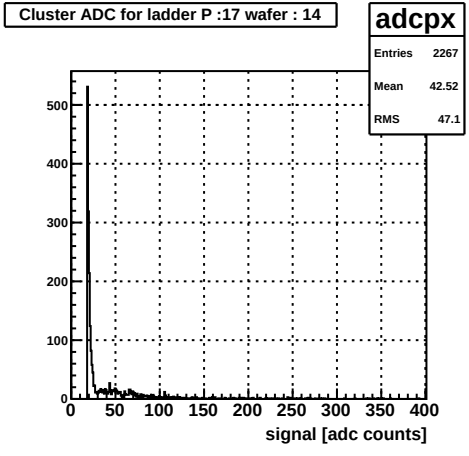

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 11891
Mean 40.51
RMS 39.71
signal [adc counts]

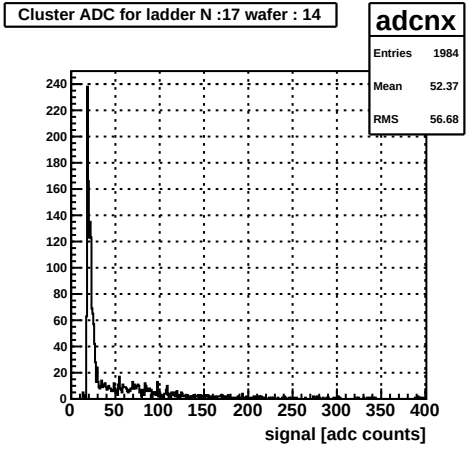

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 12035
Mean 25.45
RMS 25.45
signal [adc counts]

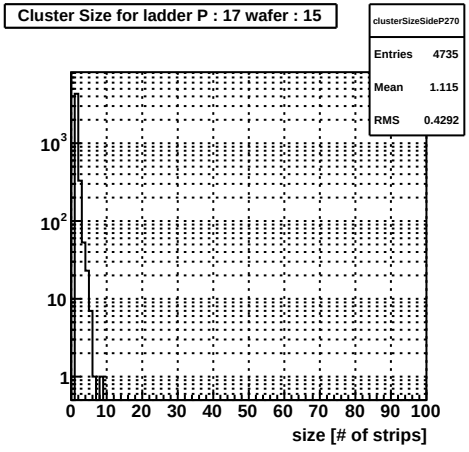

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2267
Mean 1.183
RMS 0.5069
size [# of strips]

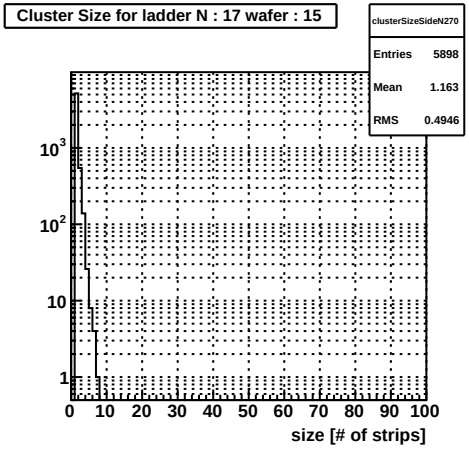

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1984
Mean 1.306
RMS 0.6946
size [# of strips]

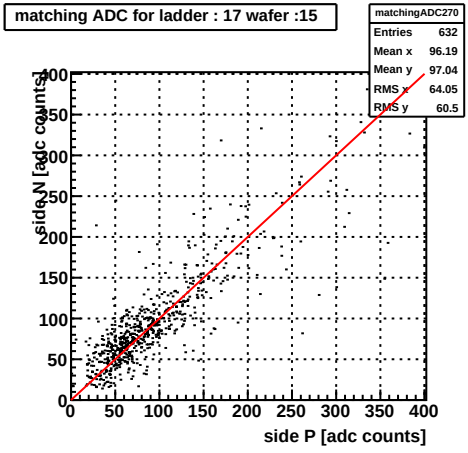

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 729
Mean x 76.15
Mean y 91.11
RMS x 57.84
RMS y 64.78
side N [adc counts]
side P [adc counts]

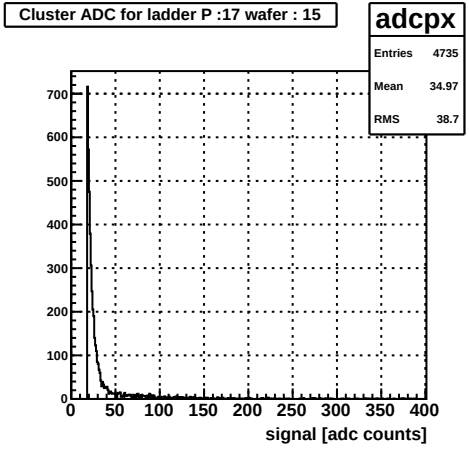

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2267
Mean 42.52
RMS 47.1
signal [adc counts]

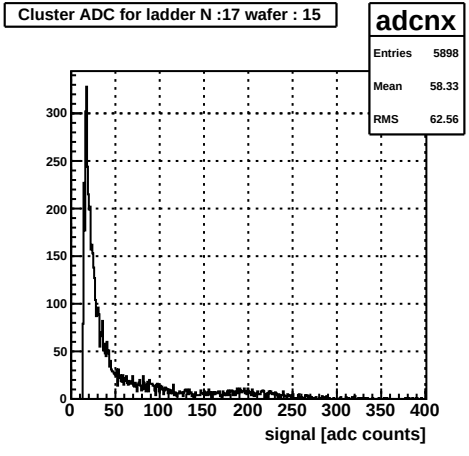

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1984
Mean 52.37
RMS 56.68
signal [adc counts]

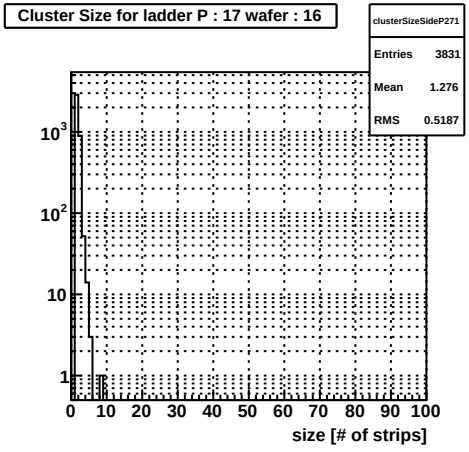

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 4735
Mean 1.115
RMS 0.4292
size [# of strips]

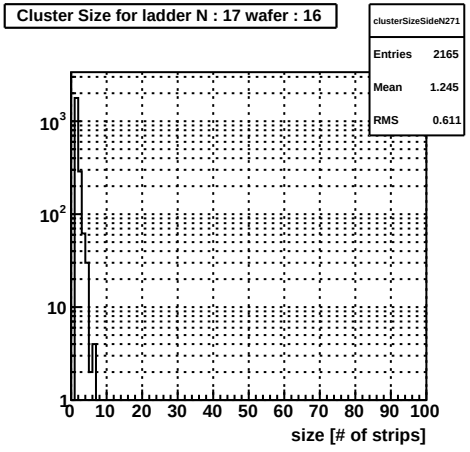

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 5898
Mean 1.163
RMS 0.4946
size [# of strips]

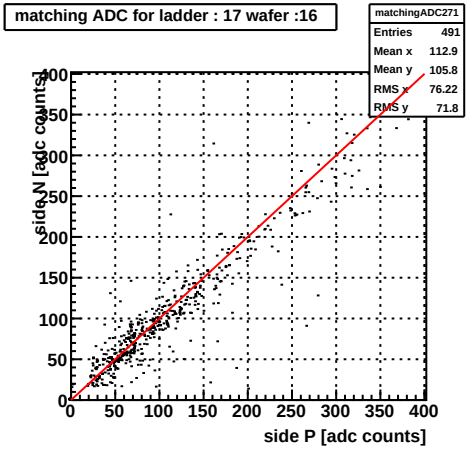

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 632
Mean x 96.19
Mean y 97.04
RMS x 64.05
RMS y 60.5
side N [adc counts]
side P [adc counts]

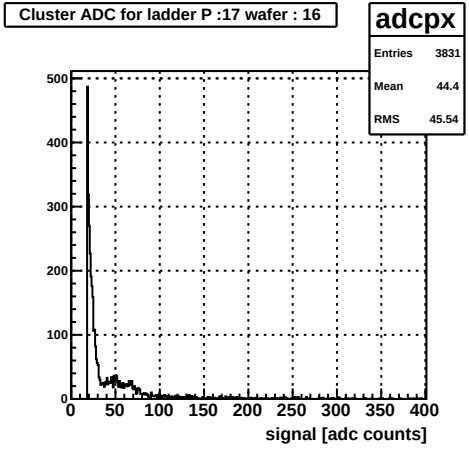

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 4735
Mean 34.97
RMS 38.7
signal [adc counts]

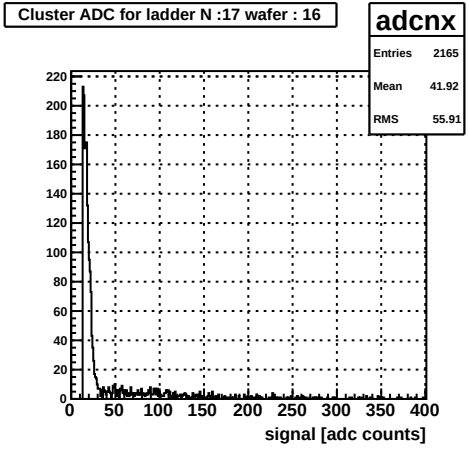

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 5898
Mean 58.33
RMS 62.56
signal [adc counts]

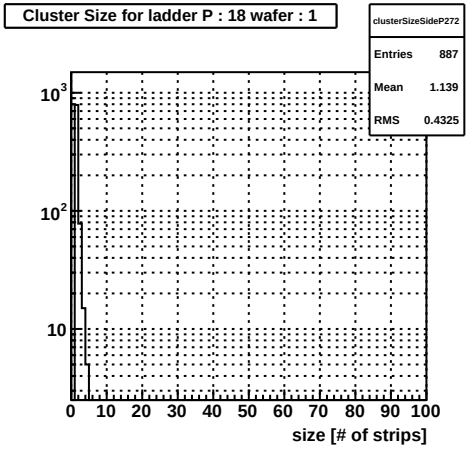

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3831
Mean 1.276
RMS 0.5187
size [# of strips]

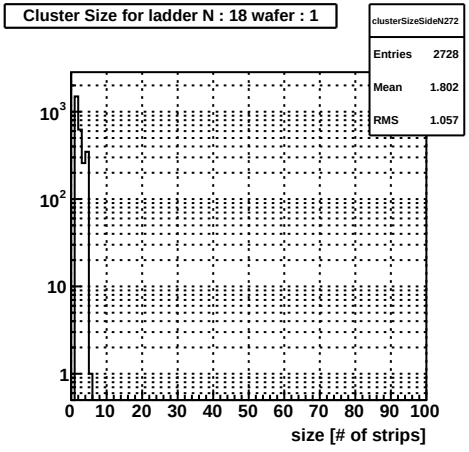

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2165
Mean 1.245
RMS 0.611
size [# of strips]

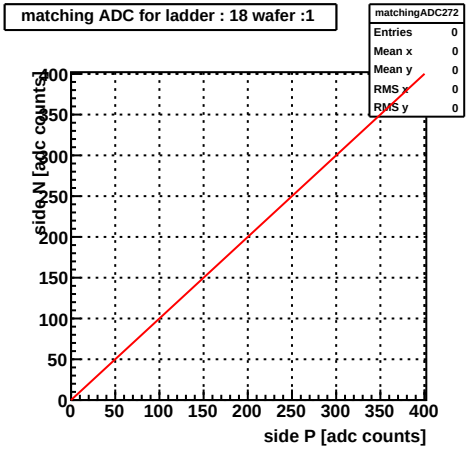

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 491
Mean x 112.9
Mean y 105.8
RMS x 76.22
RMS y 71.8
side N [adc counts]
side P [adc counts]

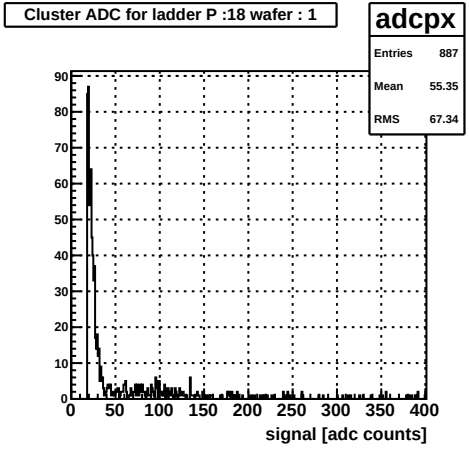

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3831
Mean 44.4
RMS 45.54
signal [adc counts]

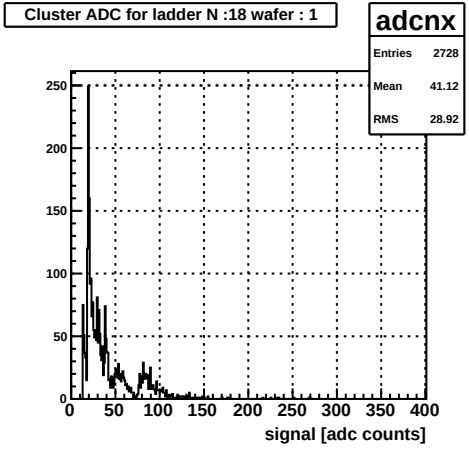

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2165
Mean 41.92
RMS 55.91
signal [adc counts]

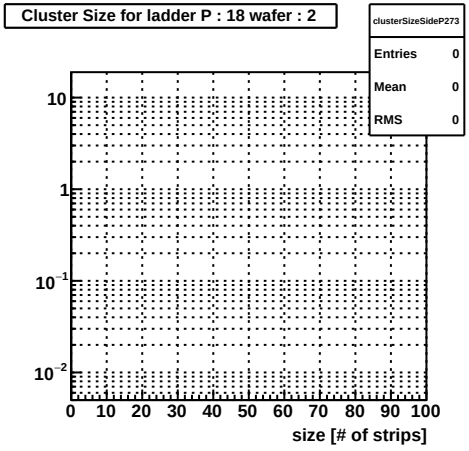

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 887
Mean 1.139
RMS 0.4325
size [# of strips]

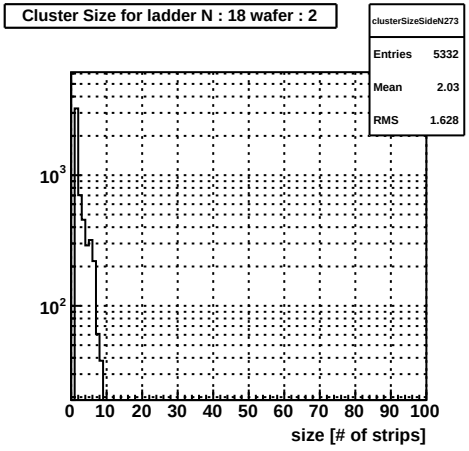

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2728
Mean 1.802
RMS 1.057
size [# of strips]

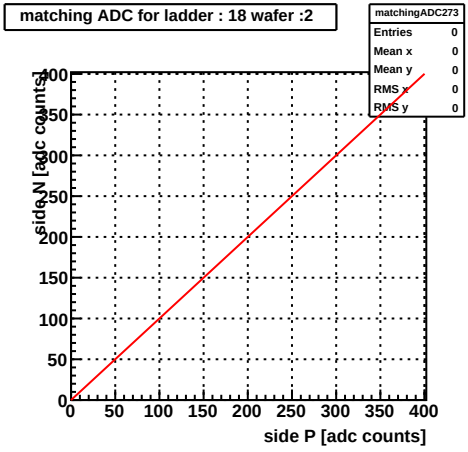

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

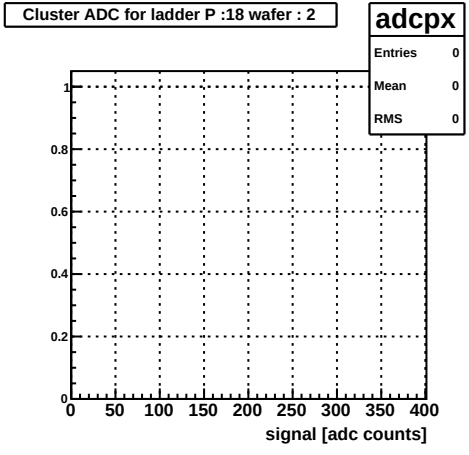

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 887
Mean 55.35
RMS 67.34
signal [adc counts]

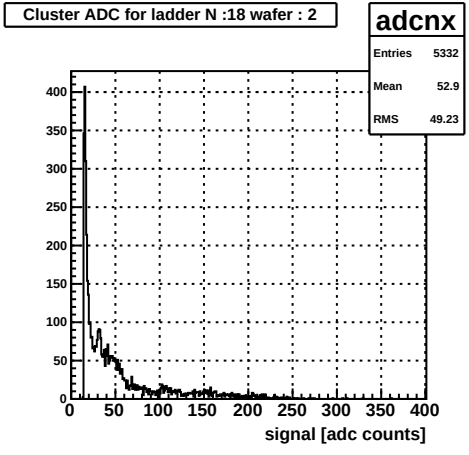

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2728
Mean 41.12
RMS 28.92
signal [adc counts]

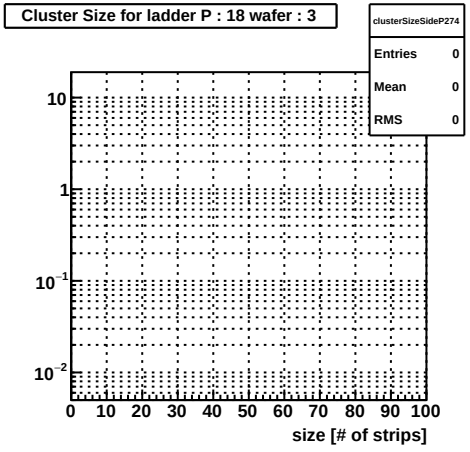

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

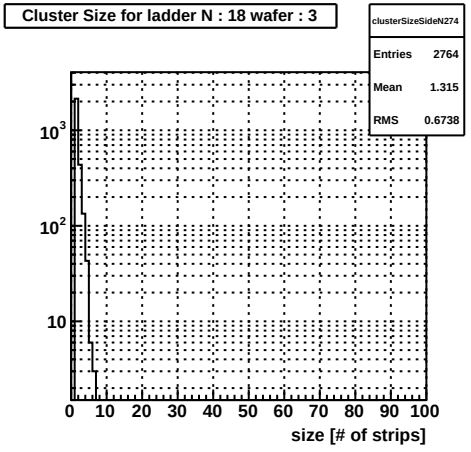

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 5332
Mean 2.03
RMS 1.628
size [# of strips]

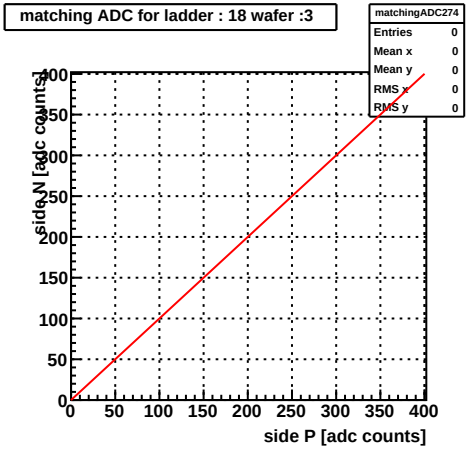

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

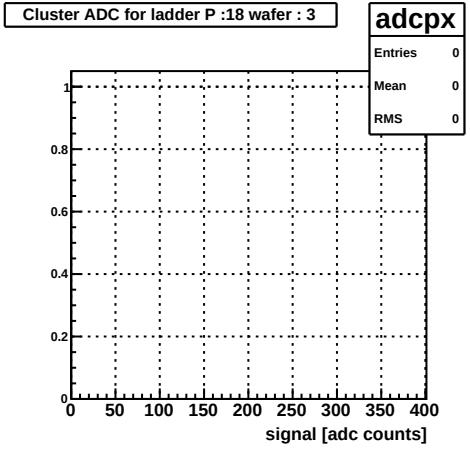

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

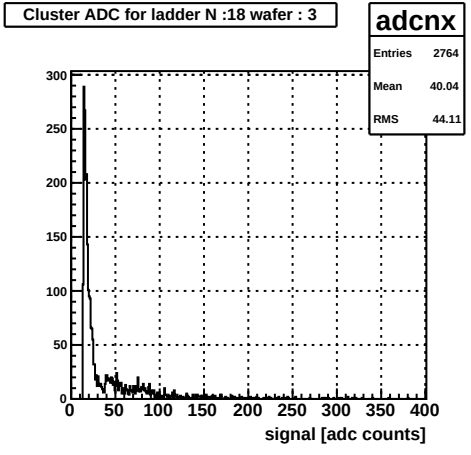

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 5332
Mean 52.9
RMS 49.23
signal [adc counts]

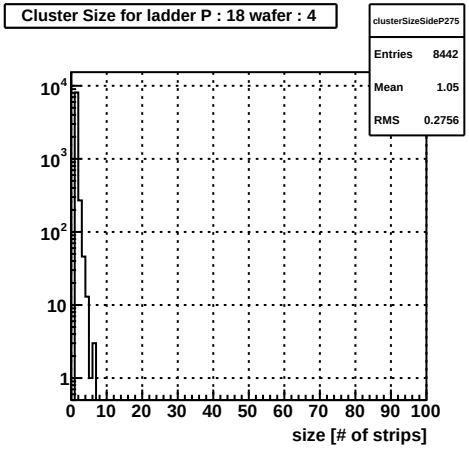

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

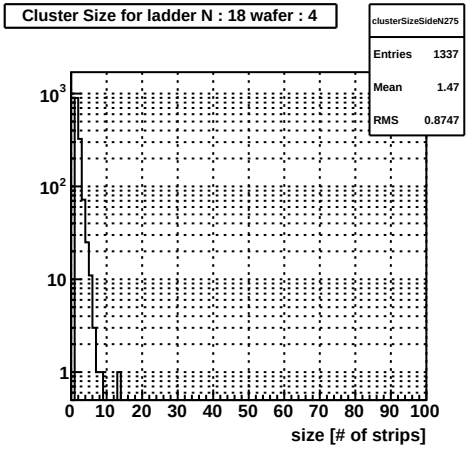

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2764
Mean 1.315
RMS 0.6738
size [# of strips]

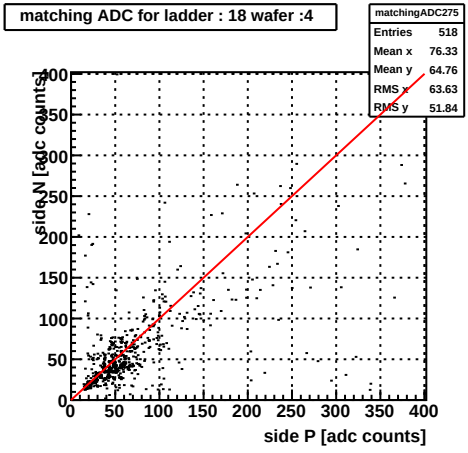

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

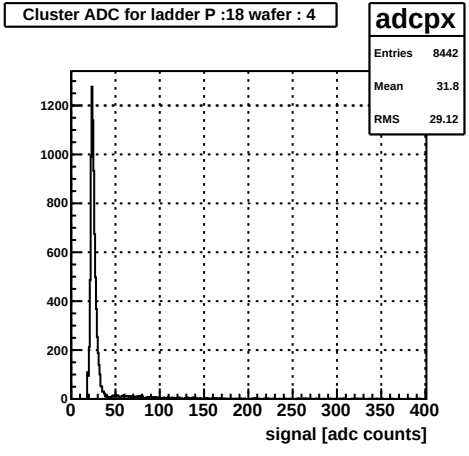

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

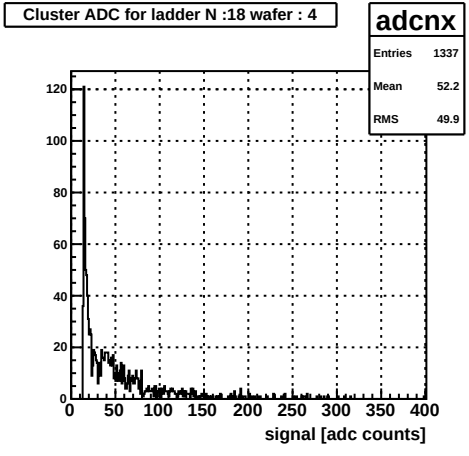

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2764
Mean 40.04
RMS 44.11
signal [adc counts]

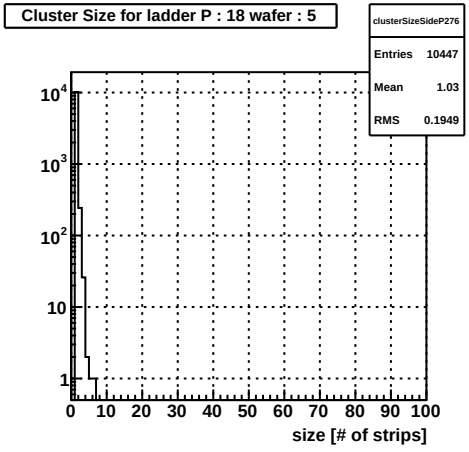

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 8442
Mean 1.05
RMS 0.2756
size [# of strips]

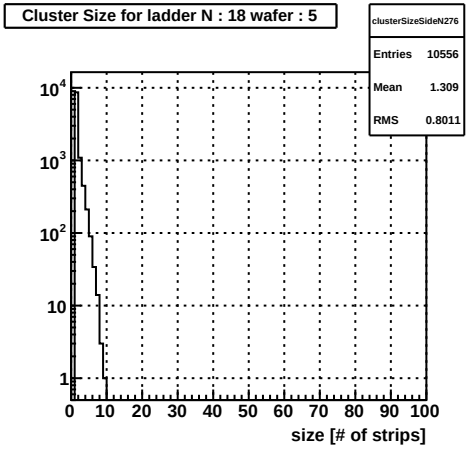

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1337
Mean 1.47
RMS 0.8747
size [# of strips]

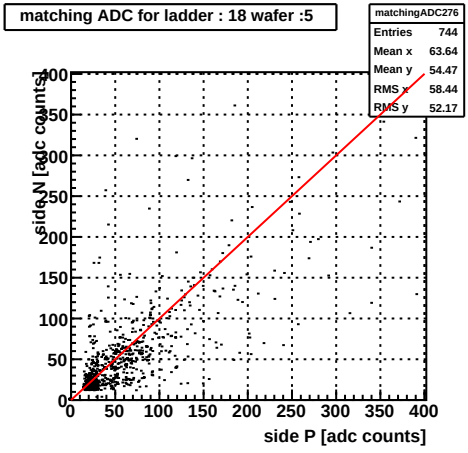

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 518
Mean x 76.33
Mean y 64.76
RMS x 63.63
RMS y 51.84
side N [adc counts]
side P [adc counts]

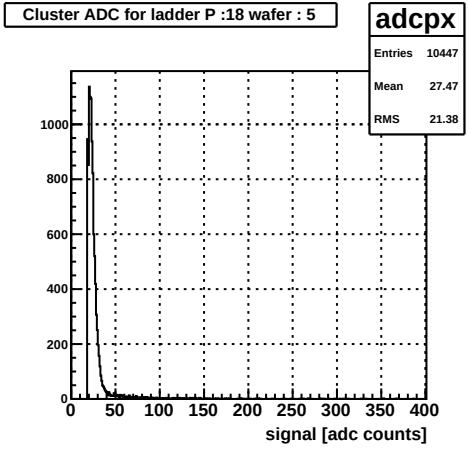

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 8442
Mean 31.8
RMS 29.12
signal [adc counts]

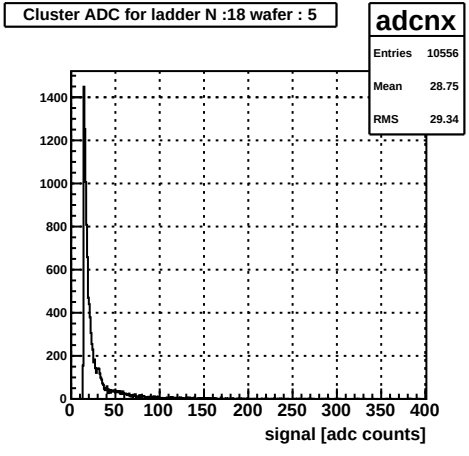

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1337
Mean 52.2
RMS 49.9
signal [adc counts]

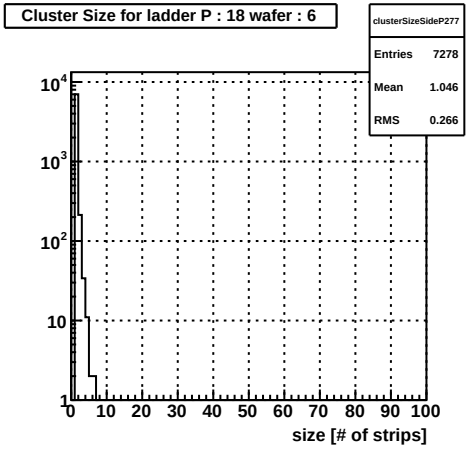

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 10447
Mean 1.03
RMS 0.1949
size [# of strips]

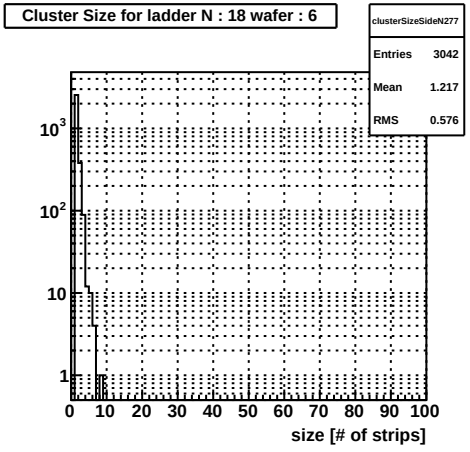

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 10556
Mean 1.309
RMS 0.8011
size [# of strips]

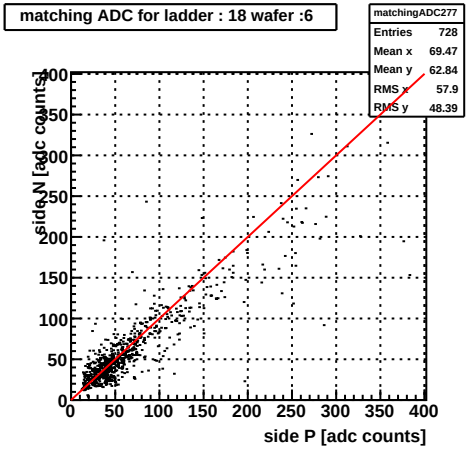

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 744
Mean x 63.64
Mean y 54.47
RMS x 58.44
RMS y 52.17
side N [adc counts]
side P [adc counts]

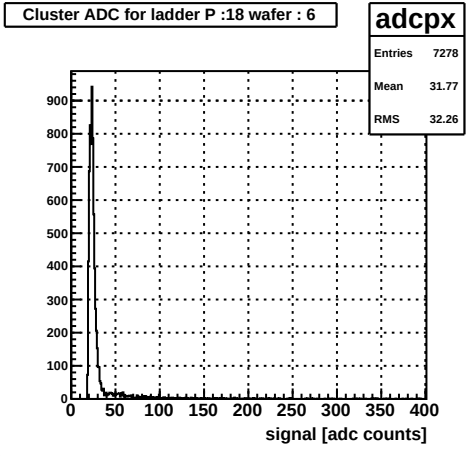

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 10447
Mean 27.47
RMS 21.38
signal [adc counts]

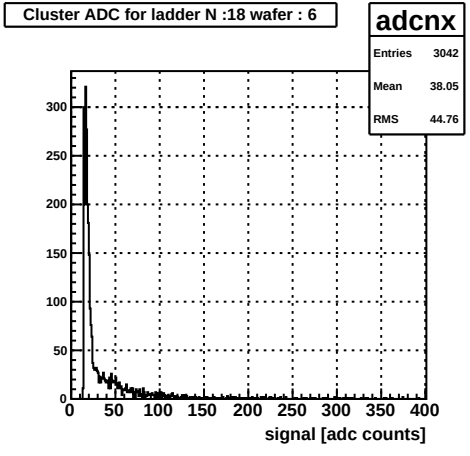

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 10556
Mean 28.75
RMS 29.34
signal [adc counts]

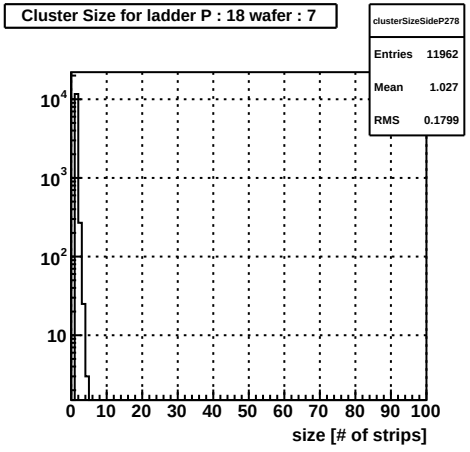

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 7278
Mean 1.046
RMS 0.266
size [# of strips]

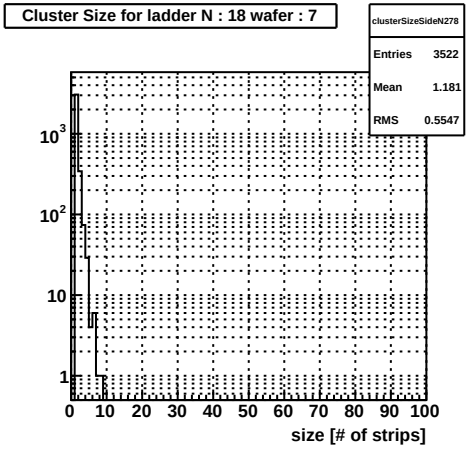

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3042
Mean 1.217
RMS 0.576
size [# of strips]

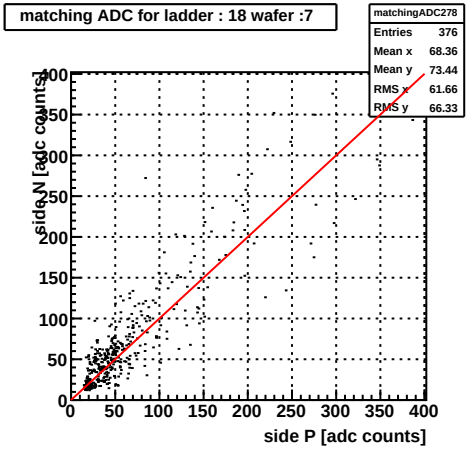

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 728
Mean x 69.47
Mean y 62.84
RMS x 57.9
RMS y 48.39
side N [adc counts]
side P [adc counts]

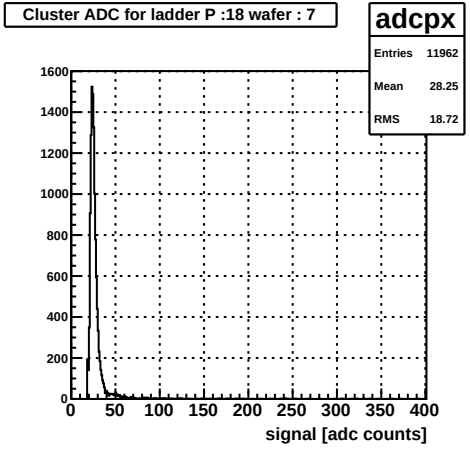

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 7278
Mean 31.77
RMS 32.26
signal [adc counts]

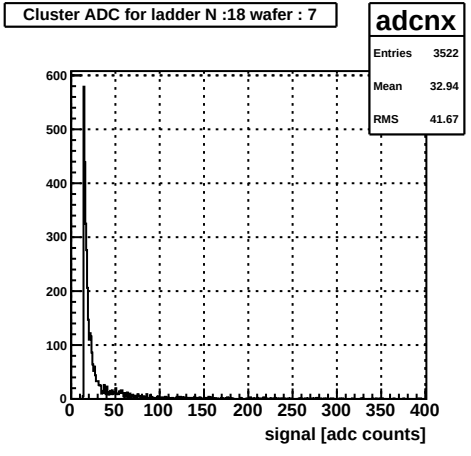

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3042
Mean 38.05
RMS 44.76
signal [adc counts]

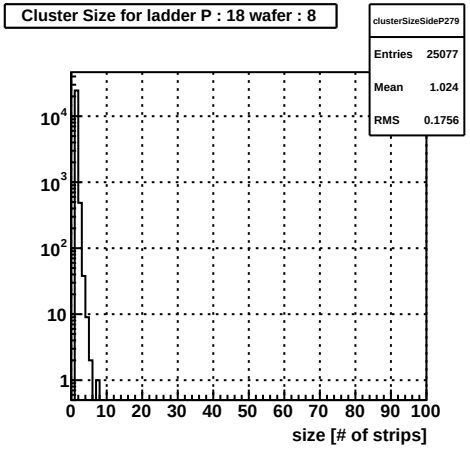

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 11962
Mean 1.027
RMS 0.1799
size [# of strips]

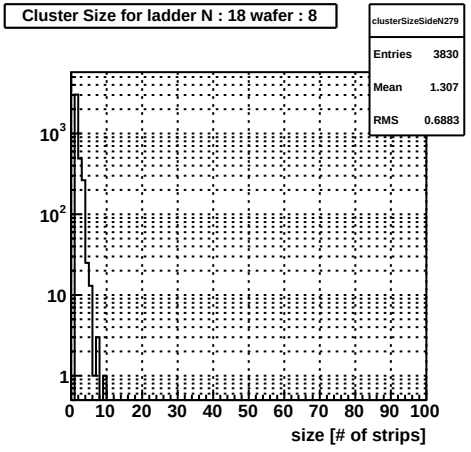

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3522
Mean 1.181
RMS 0.5547
size [# of strips]

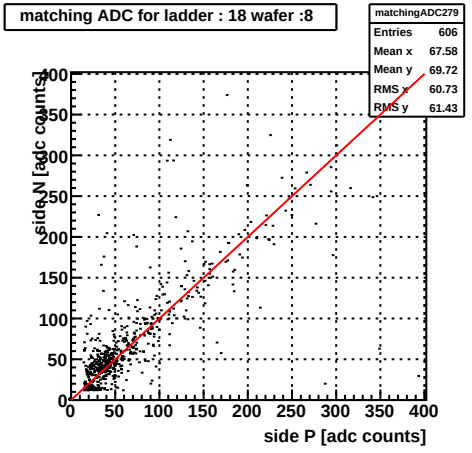

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 376
Mean x 68.36
Mean y 73.44
RMS x 61.66
RMS y 66.33
side N [adc counts]
side P [adc counts]

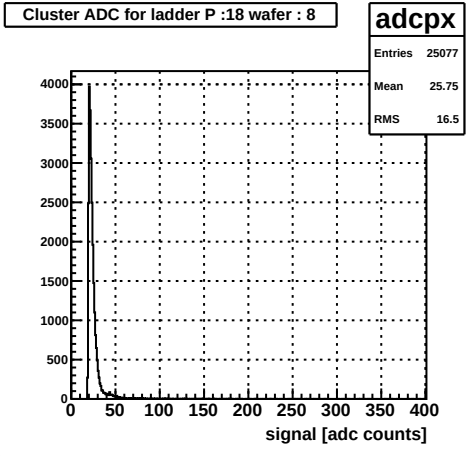

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 11962
Mean 28.25
RMS 18.72
signal [adc counts]

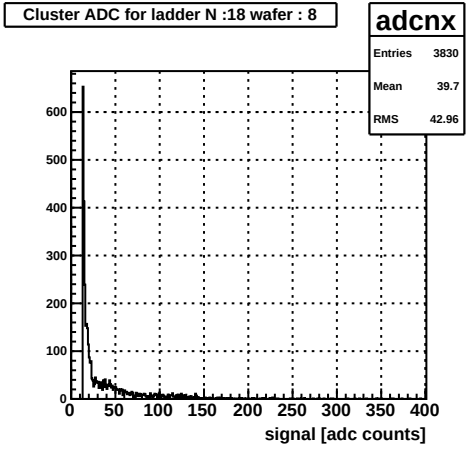

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3522
Mean 32.94
RMS 41.67
signal [adc counts]

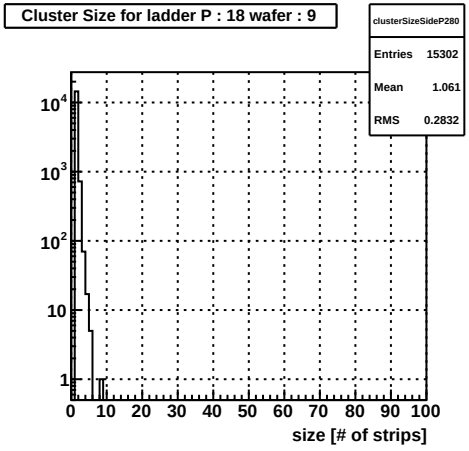

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 25077
Mean 1.024
RMS 0.1756
size [# of strips]

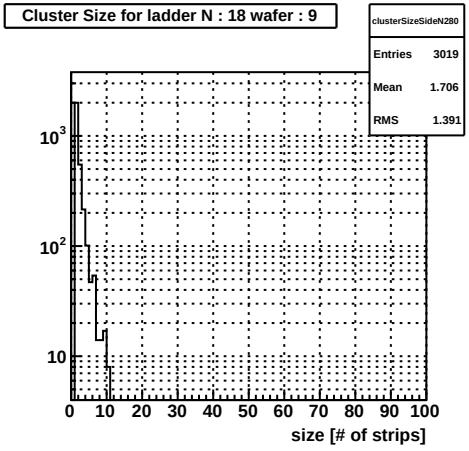

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3830
Mean 1.307
RMS 0.6883
size [# of strips]

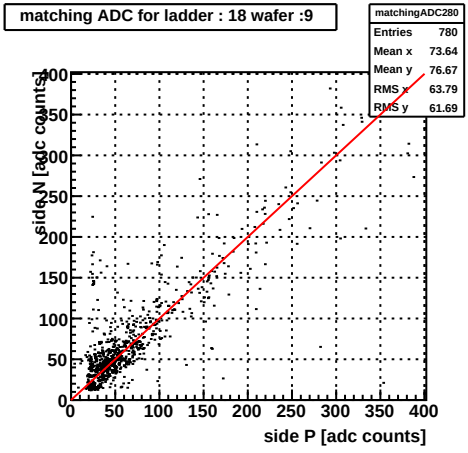

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 606
Mean x 67.58
Mean y 69.72
RMS x 60.73
RMS y 61.43
side N [adc counts]
side P [adc counts]

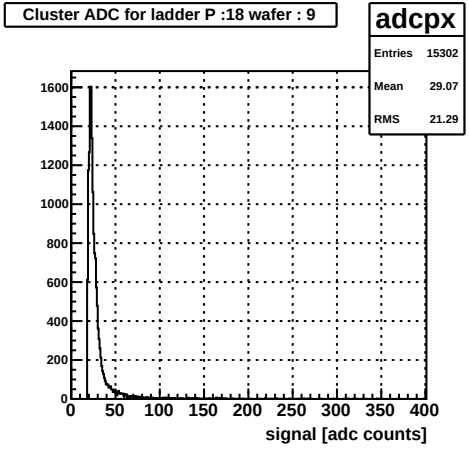

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 25077
Mean 25.75
RMS 16.5
signal [adc counts]

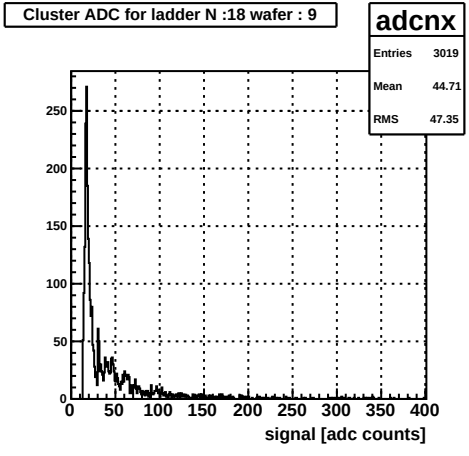

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3830
Mean 39.7
RMS 42.96
signal [adc counts]

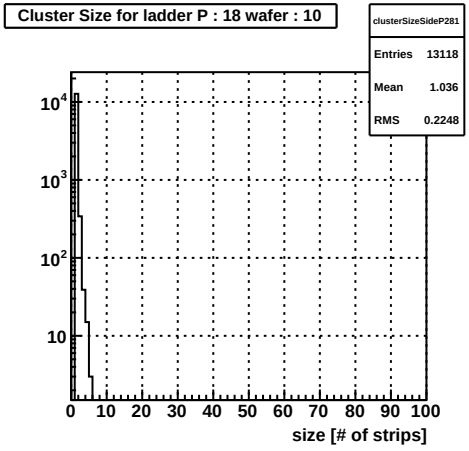

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 15302
Mean 1.061
RMS 0.2832
size [# of strips]

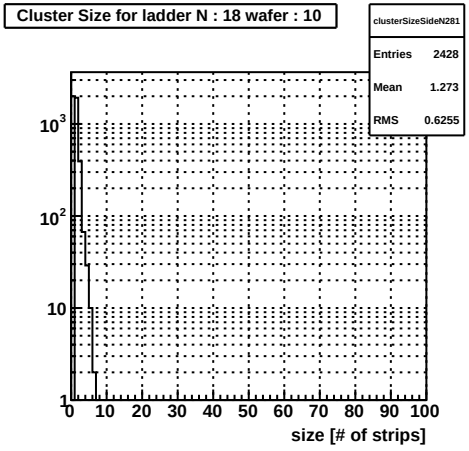

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3019
Mean 1.706
RMS 1.391
size [# of strips]

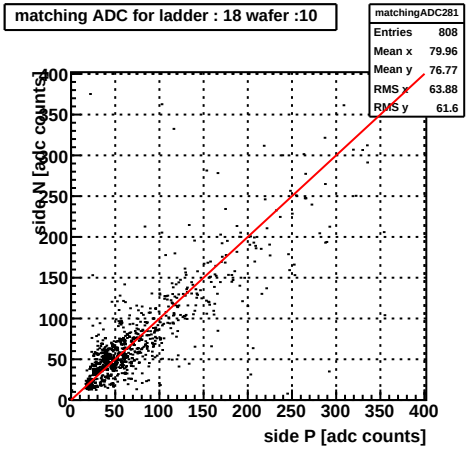

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 780
Mean x 73.64
Mean y 76.67
RMS x 63.79
RMS y 61.69
side N [adc counts]
side P [adc counts]

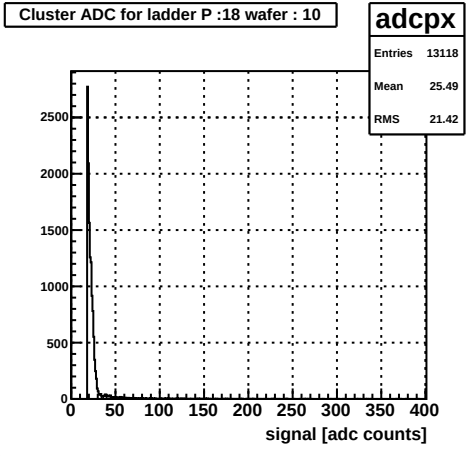

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 15302
Mean 29.07
RMS 21.29
signal [adc counts]

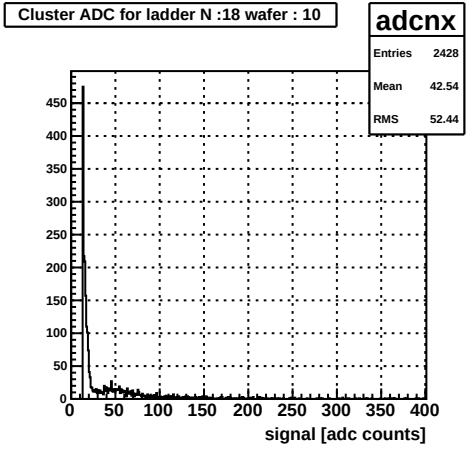

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3019
Mean 44.71
RMS 47.35
signal [adc counts]

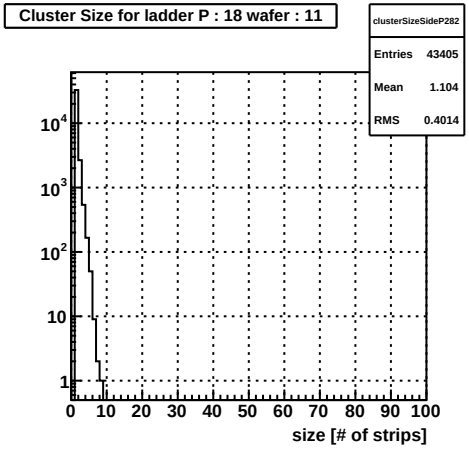

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 13118
Mean 1.036
RMS 0.2248
size [# of strips]

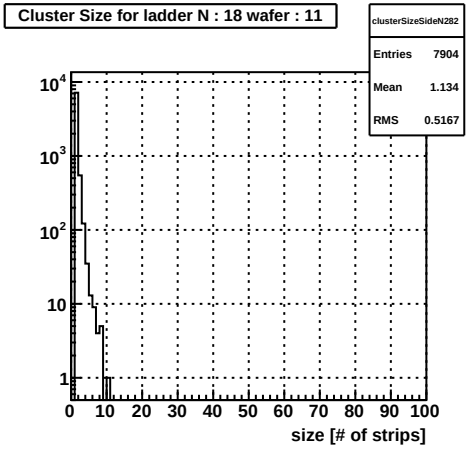

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2428
Mean 1.273
RMS 0.6255
size [# of strips]

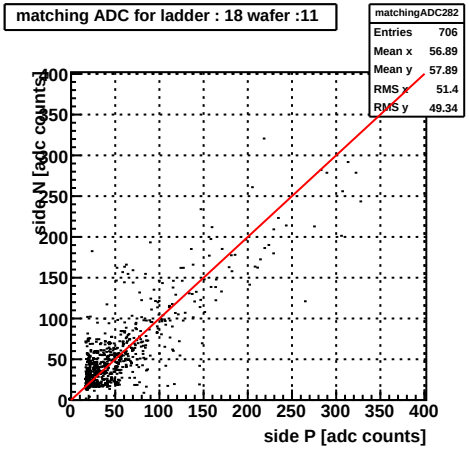

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 808
Mean x 79.96
Mean y 76.77
RMS x 63.88
RMS y 61.6
side N [adc counts]
side P [adc counts]

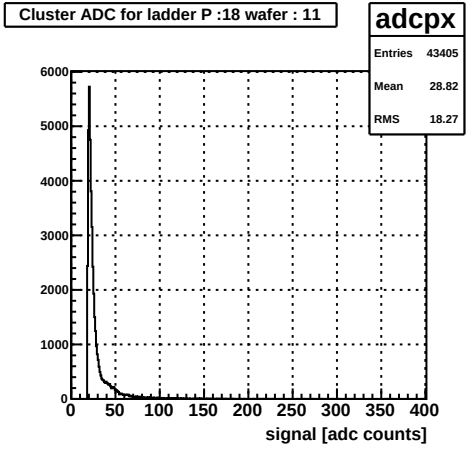

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 13118
Mean 25.49
RMS 21.42
signal [adc counts]

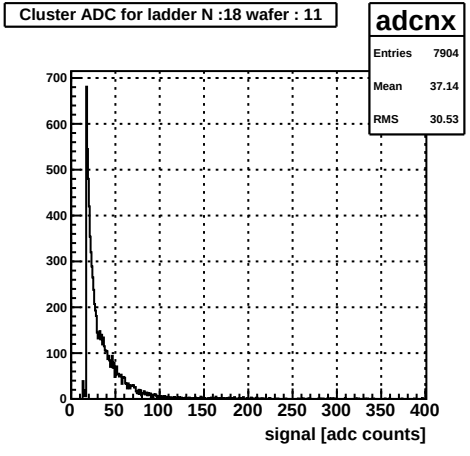

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2428
Mean 42.54
RMS 52.44
signal [adc counts]

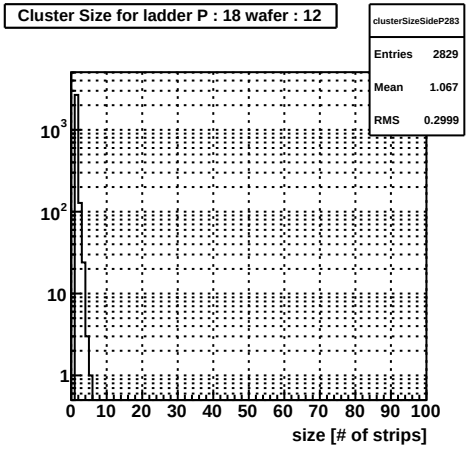

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 43405
Mean 1.104
RMS 0.4014
size [# of strips]

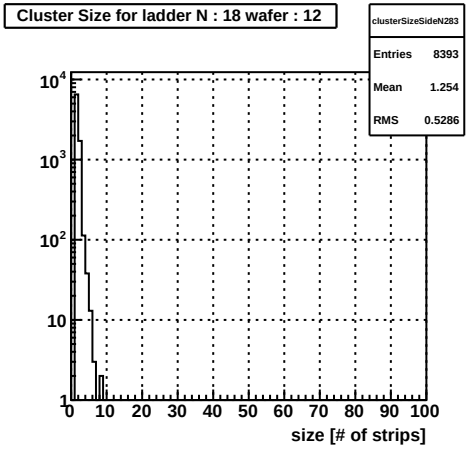

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 7904
Mean 1.134
RMS 0.5167
size [# of strips]

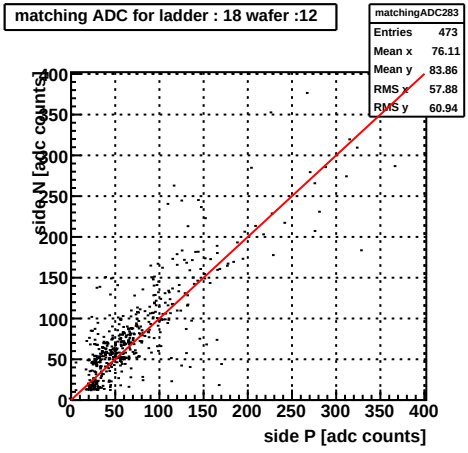

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 706
Mean x 56.89
Mean y 57.89
RMS x 51.4
RMS y 49.34
side N [adc counts]
side P [adc counts]

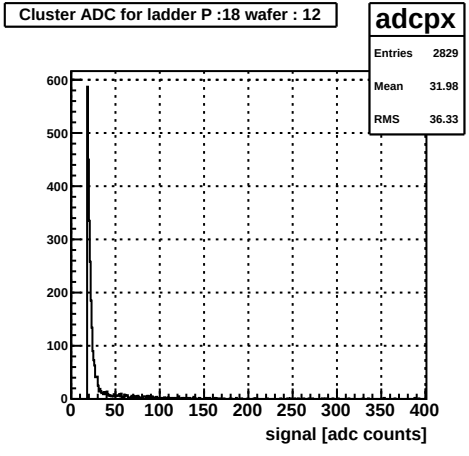

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 43405
Mean 28.82
RMS 18.27
signal [adc counts]

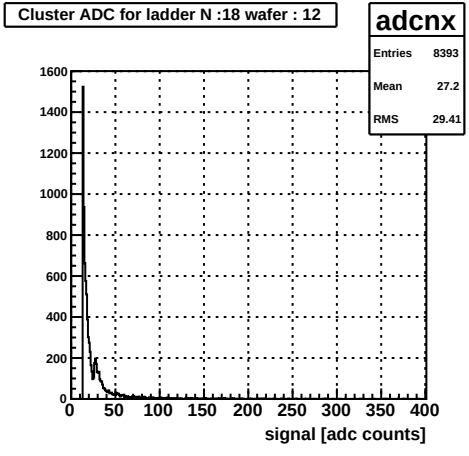

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 7904
Mean 37.14
RMS 30.53
signal [adc counts]

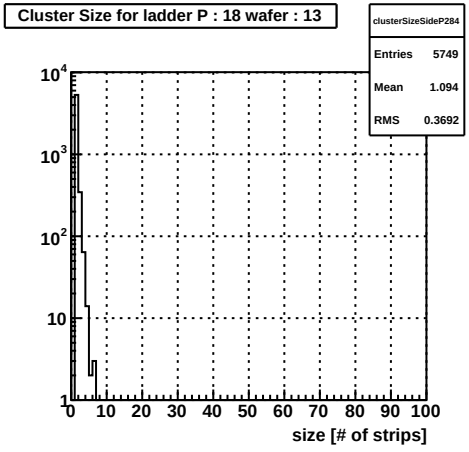

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2829
Mean 1.067
RMS 0.2999
size [# of strips]

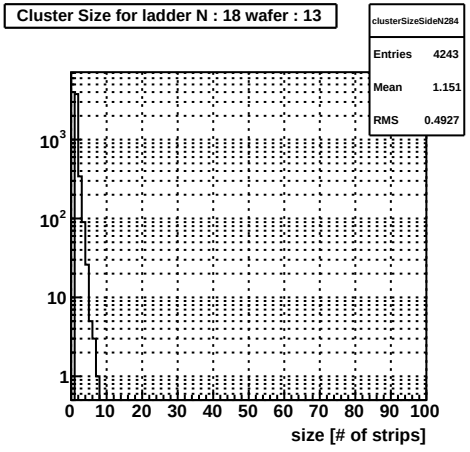

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 8393
Mean 1.254
RMS 0.5286
size [# of strips]

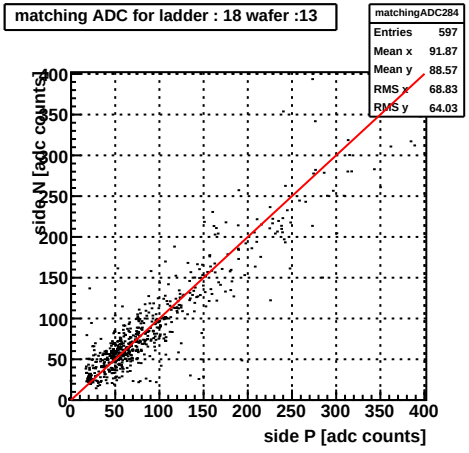

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 473
Mean x 76.11
Mean y 83.86
RMS x 57.88
RMS y 60.94
side N [adc counts]
side P [adc counts]

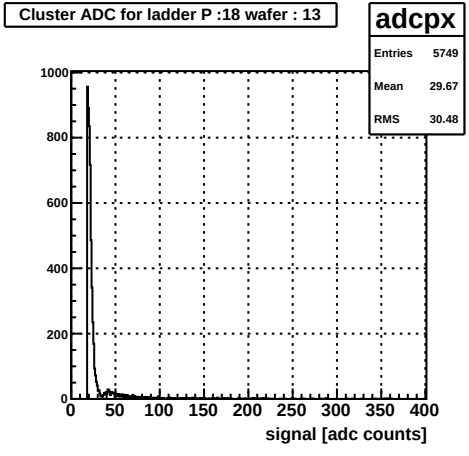

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2829
Mean 31.98
RMS 36.33
signal [adc counts]

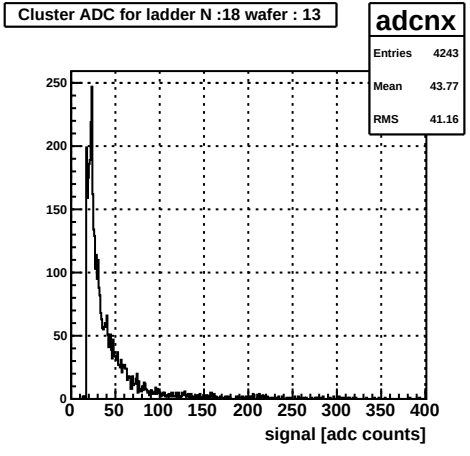

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 8393
Mean 27.2
RMS 29.41
signal [adc counts]

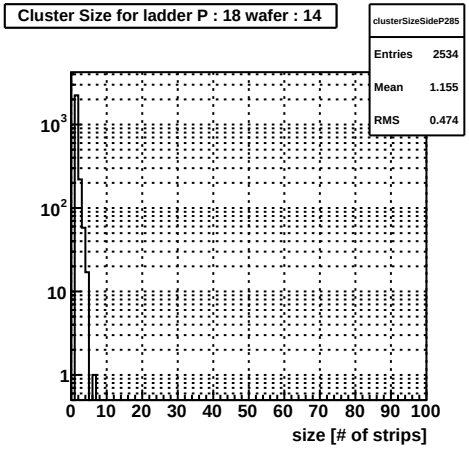

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5749
Mean 1.094
RMS 0.3692
size [# of strips]

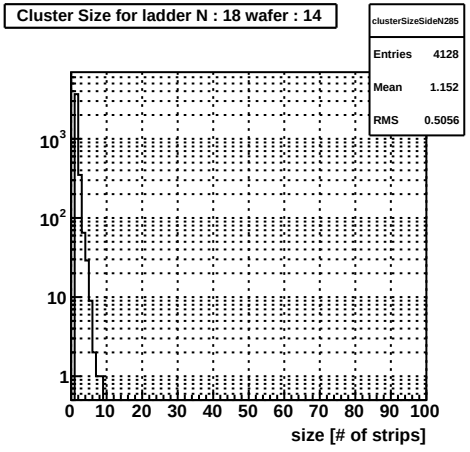

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 4243
Mean 1.151
RMS 0.4927
size [# of strips]

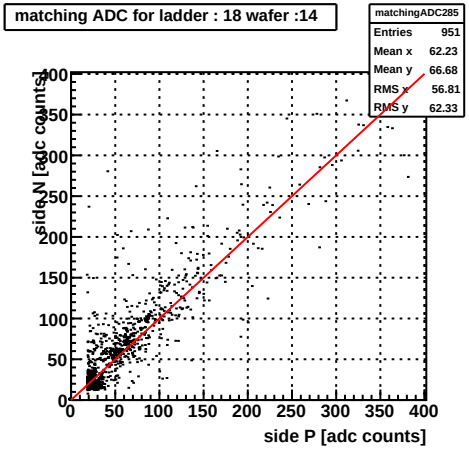

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 597
Mean x 91.87
Mean y 88.57
RMS x 68.83
RMS y 64.03
side N [adc counts]
side P [adc counts]

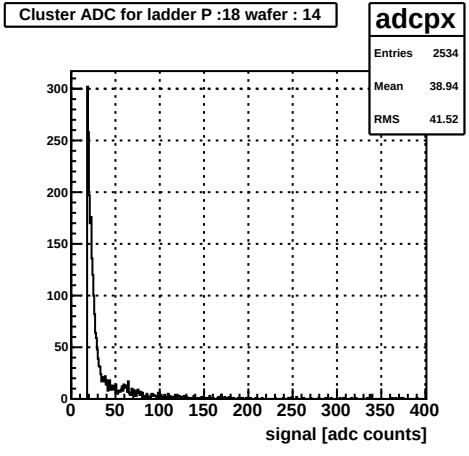

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5749
Mean 29.67
RMS 30.48
signal [adc counts]

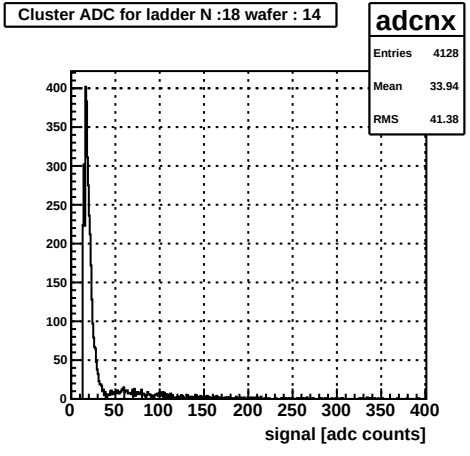

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 4243
Mean 43.77
RMS 41.16
signal [adc counts]

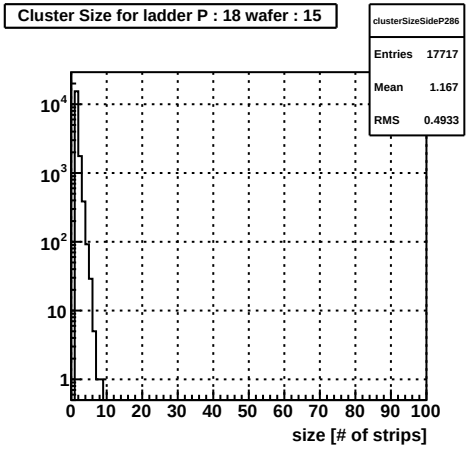

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2534
Mean 1.155
RMS 0.474
size [# of strips]

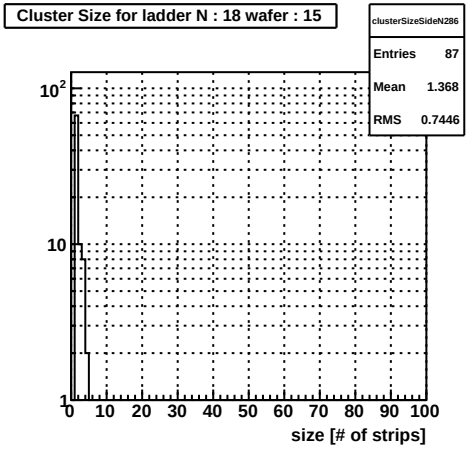

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 4128
Mean 1.152
RMS 0.5056
size [# of strips]

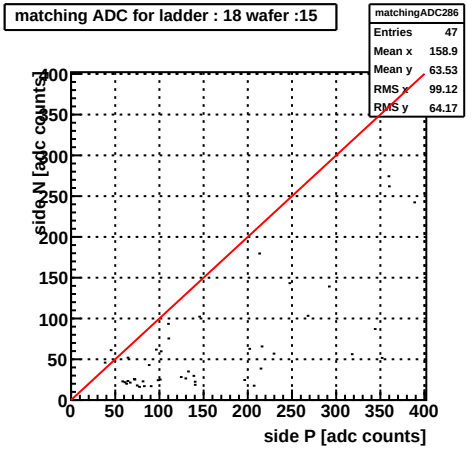

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 951
Mean x 62.23
Mean y 66.68
RMS x 56.81
RMS y 62.33
side N [adc counts]
side P [adc counts]

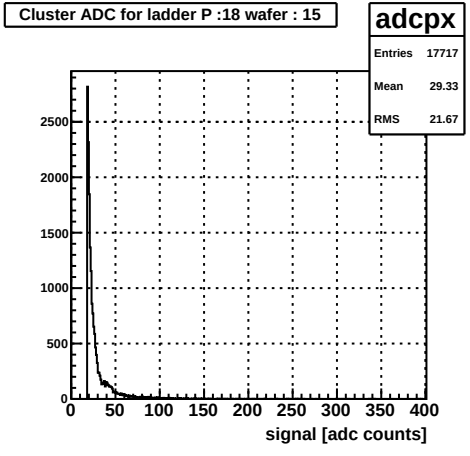

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2534
Mean 38.94
RMS 41.52
signal [adc counts]

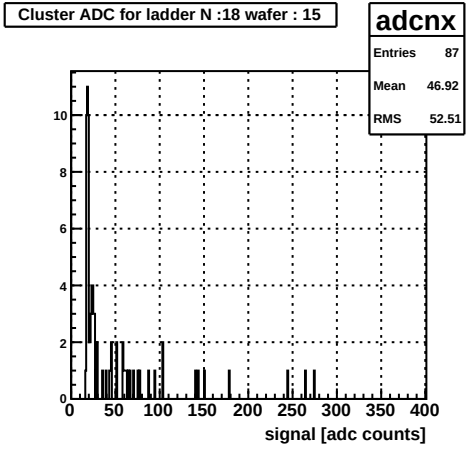

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 4128
Mean 33.94
RMS 41.38
signal [adc counts]

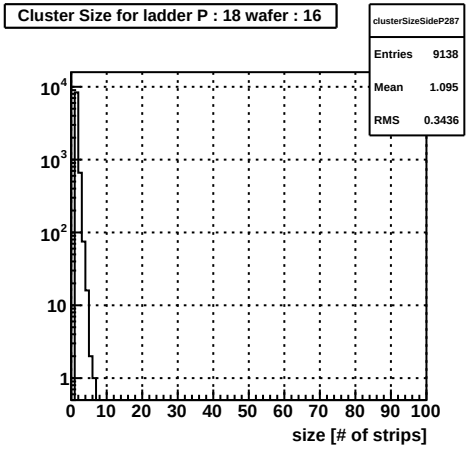

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 17717
Mean 1.167
RMS 0.4933
size [# of strips]

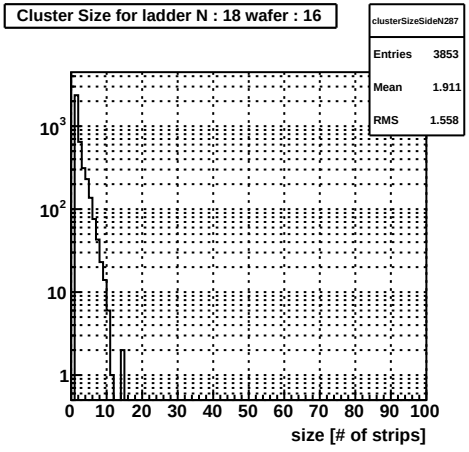

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 87
Mean 1.368
RMS 0.7446
size [# of strips]

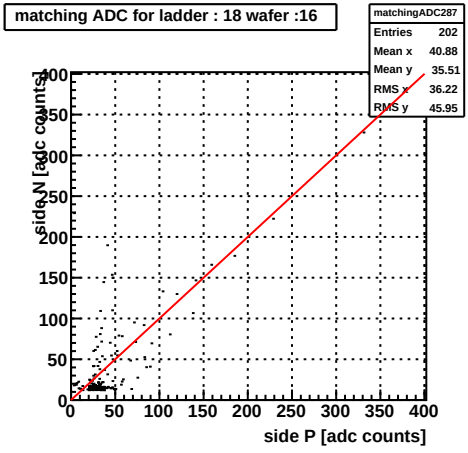

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 47
Mean x 158.9
Mean y 63.53
RMS x 99.12
RMS y 64.17
side N [adc counts]
side P [adc counts]

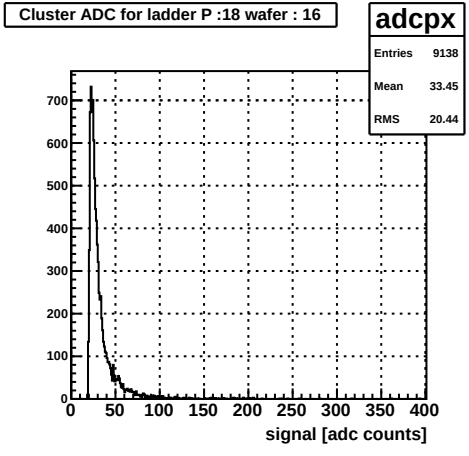

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 17717
Mean 29.33
RMS 21.67
signal [adc counts]

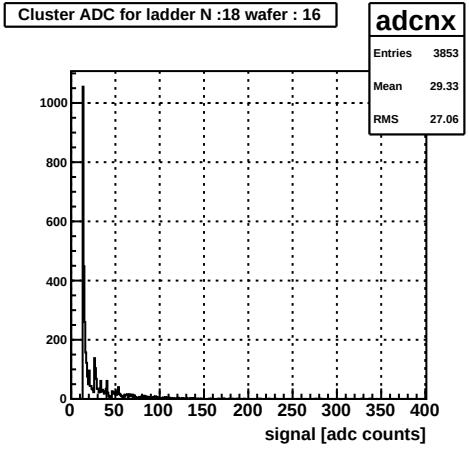

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 87
Mean 46.92
RMS 52.51
signal [adc counts]

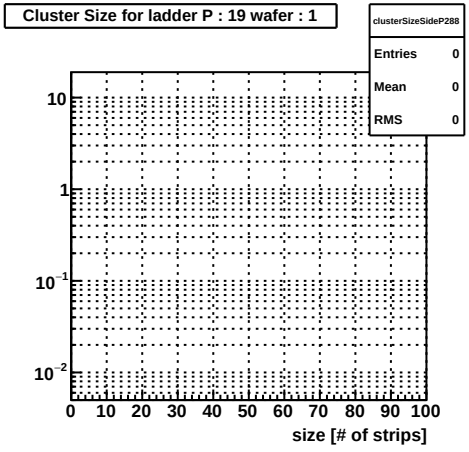

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 9138
Mean 1.095
RMS 0.3436
size [# of strips]

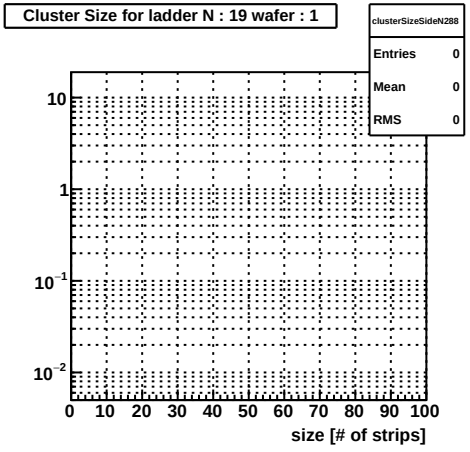

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 3853
Mean 1.911
RMS 1.558
size [# of strips]

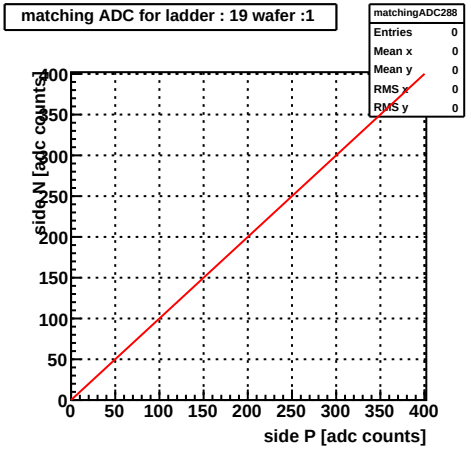

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 202
Mean x 40.88
Mean y 35.51
RMS x 36.22
RMS y 45.95
side N [adc counts]
side P [adc counts]

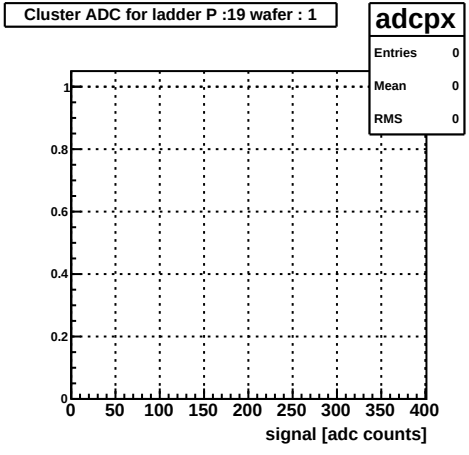

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 9138
Mean 33.45
RMS 20.44
signal [adc counts]

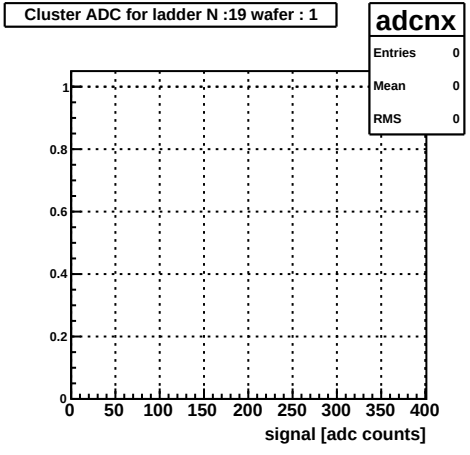

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 3853
Mean 29.33
RMS 27.06
signal [adc counts]

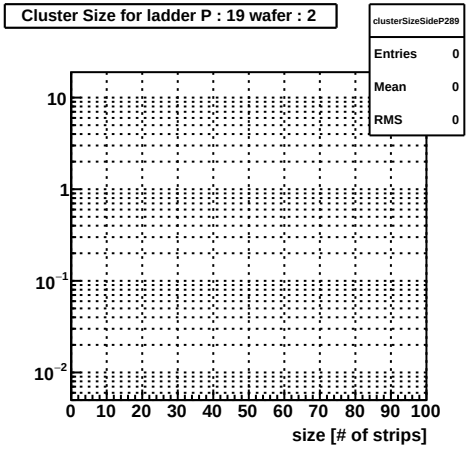

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

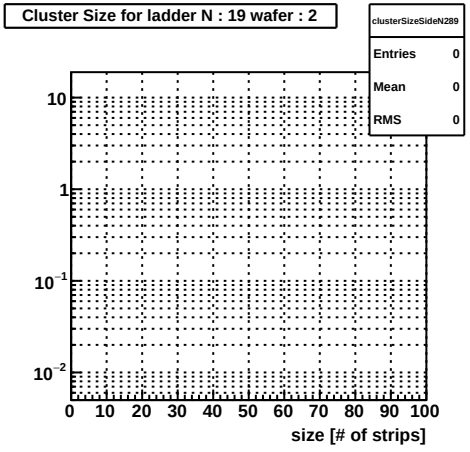

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

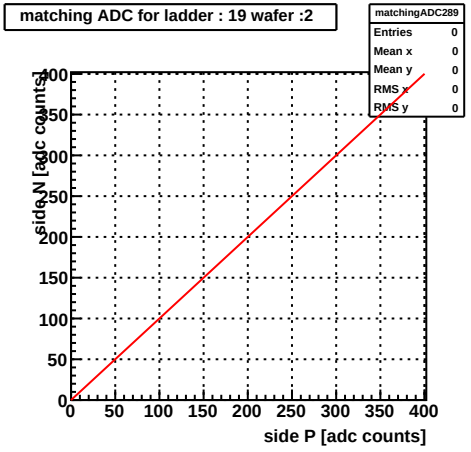

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

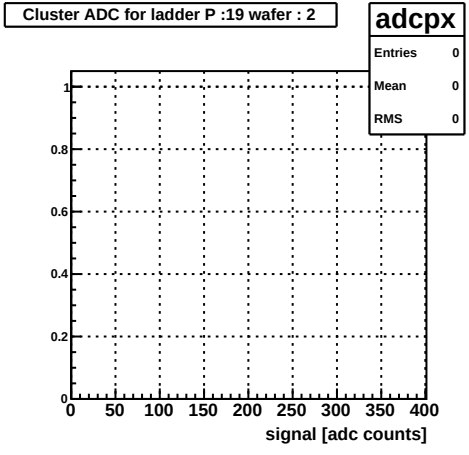

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

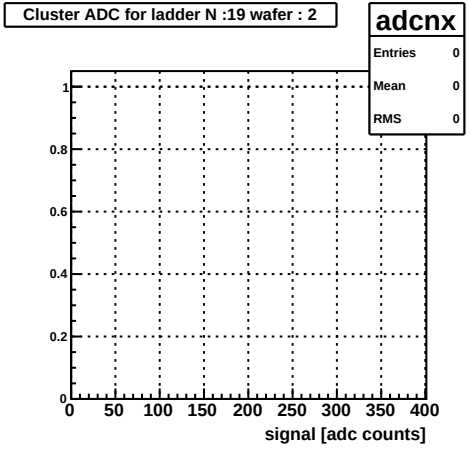

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

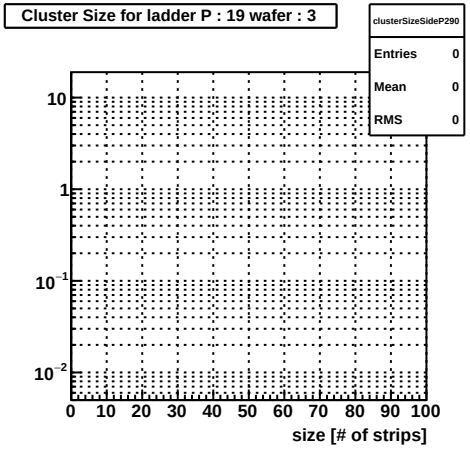

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

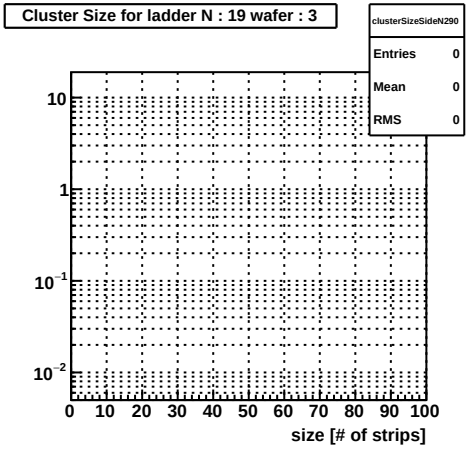

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

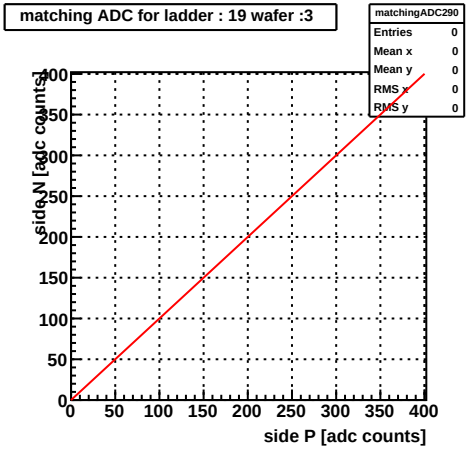

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

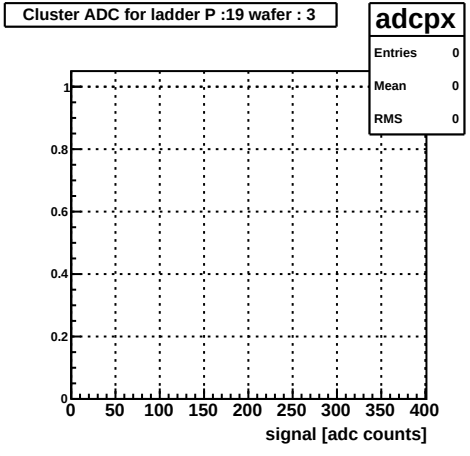

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

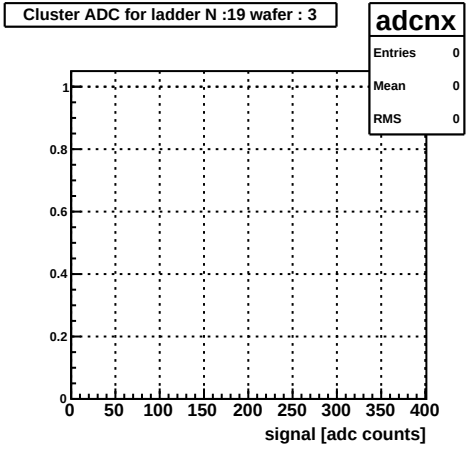

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

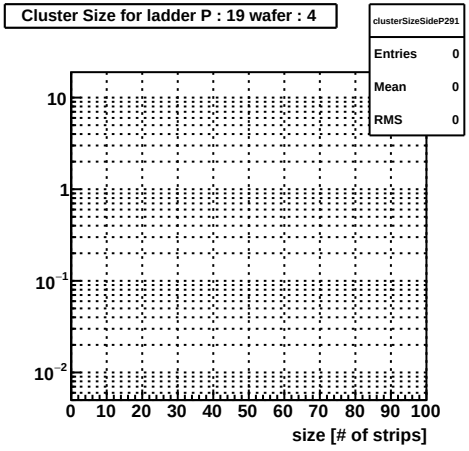

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

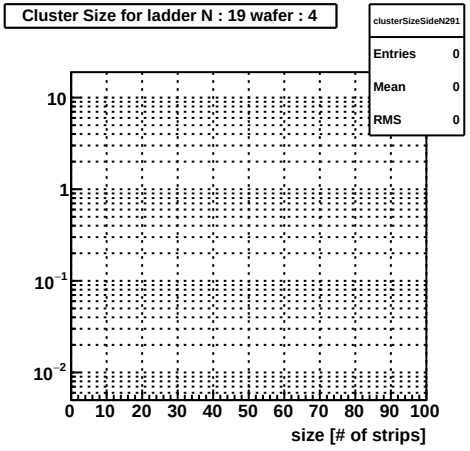

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

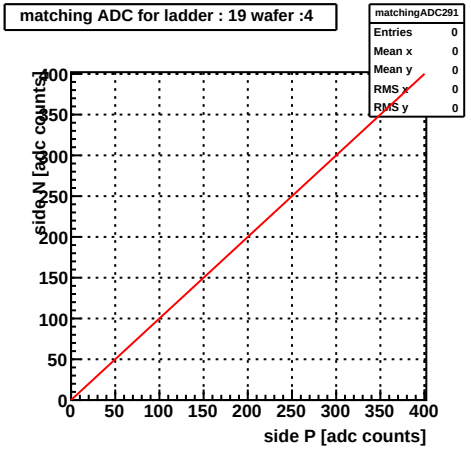

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

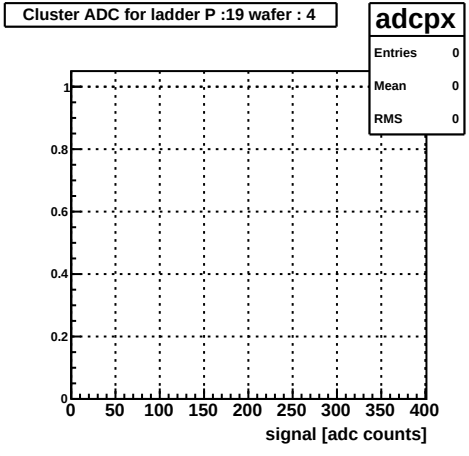

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

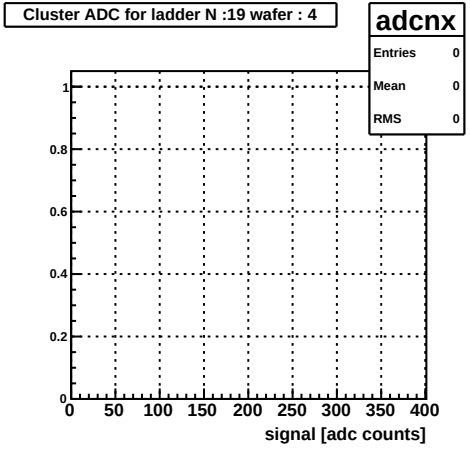

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

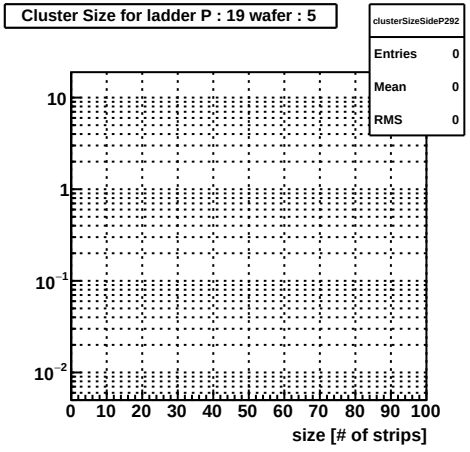

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

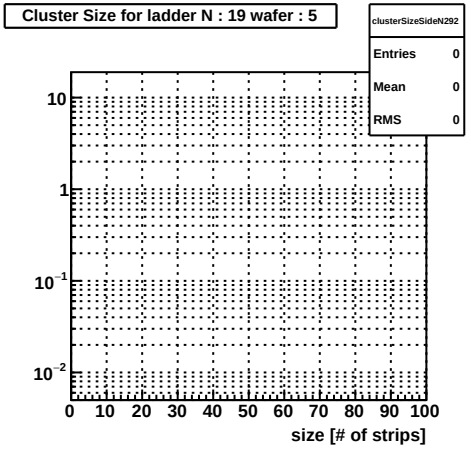

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

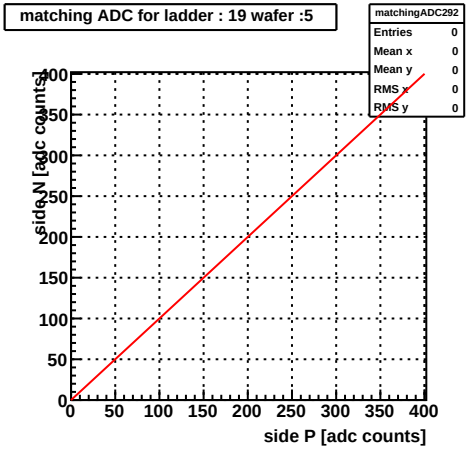

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

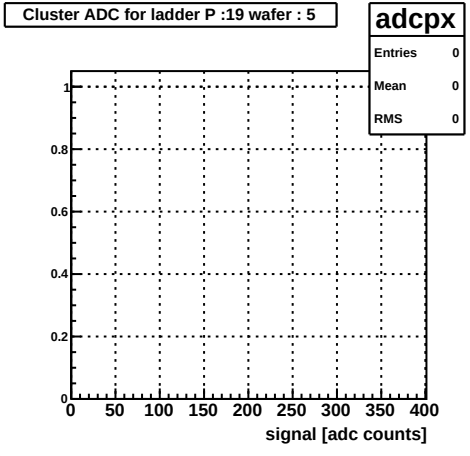

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

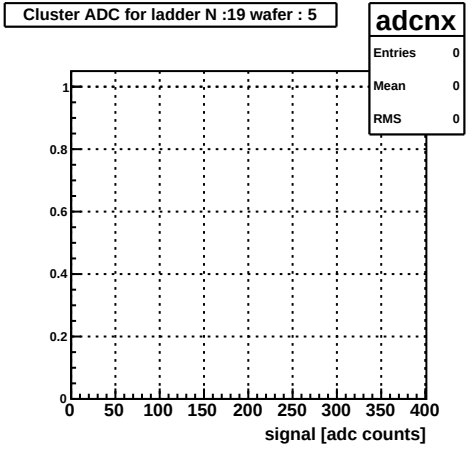

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

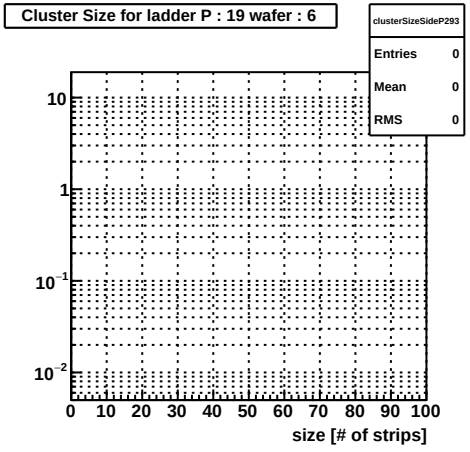

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

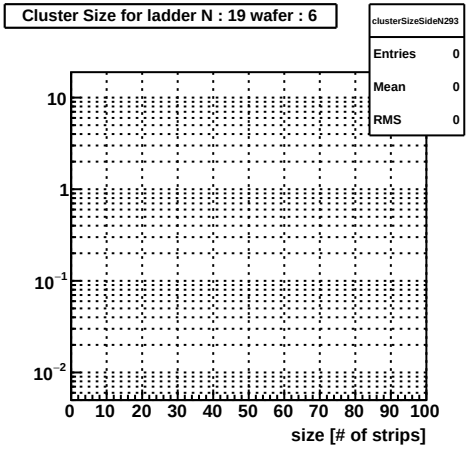

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

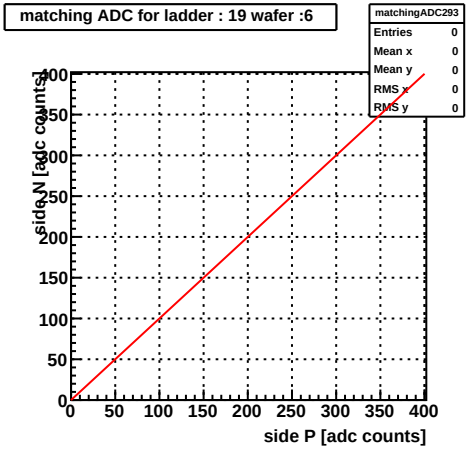

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

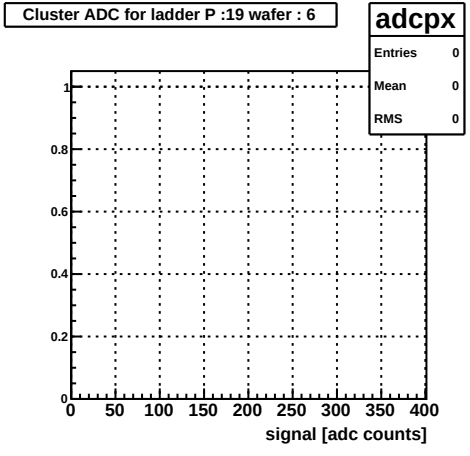

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

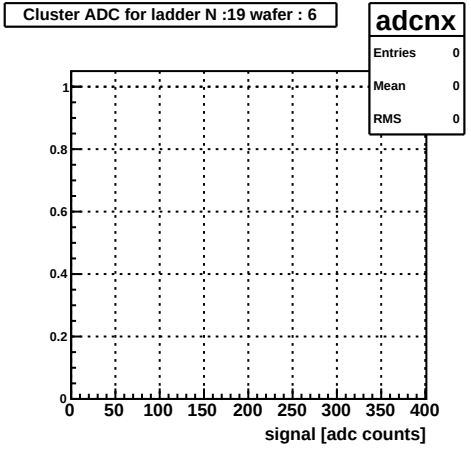

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

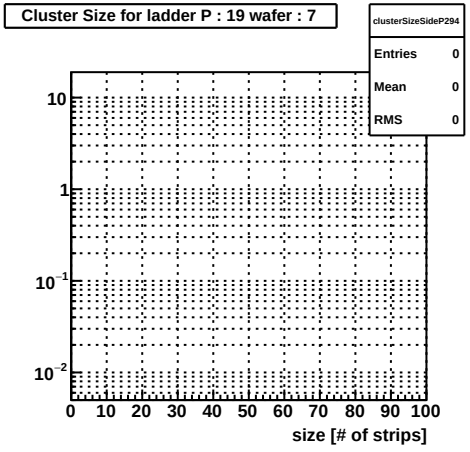

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

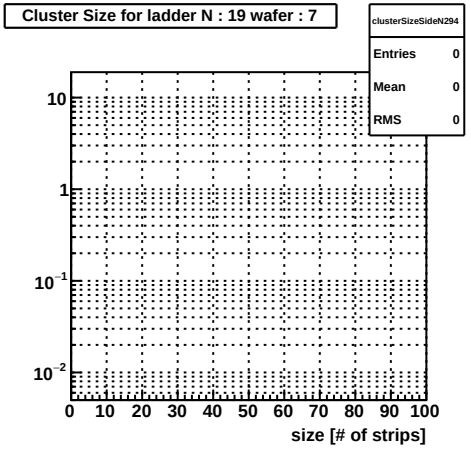

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

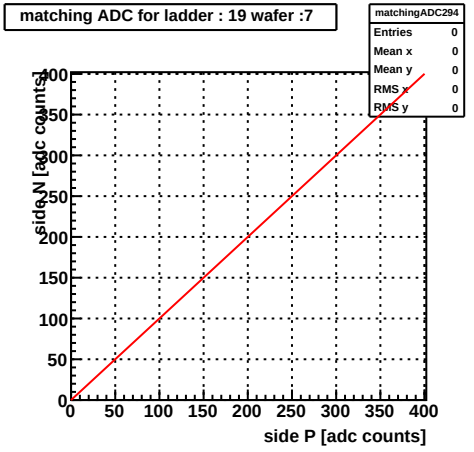

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

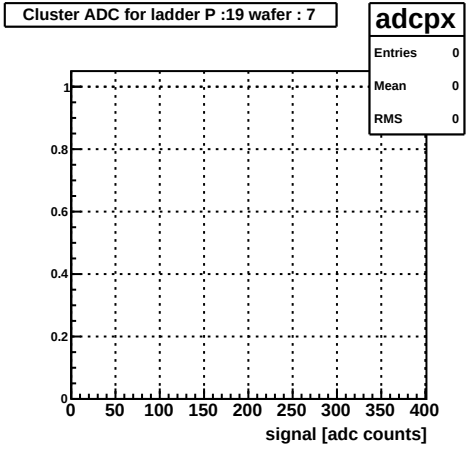

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

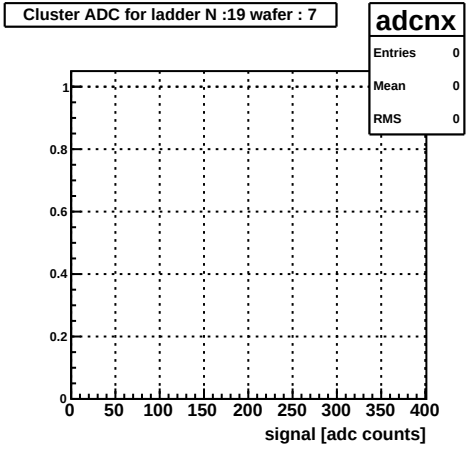

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

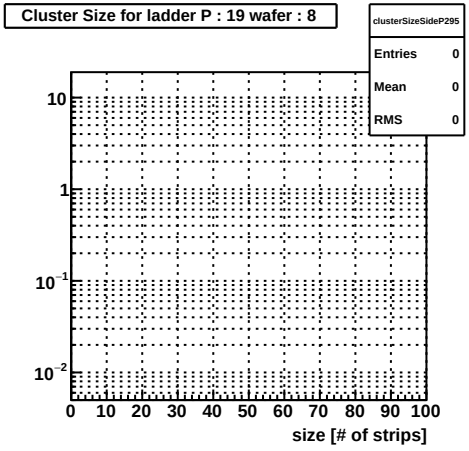

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

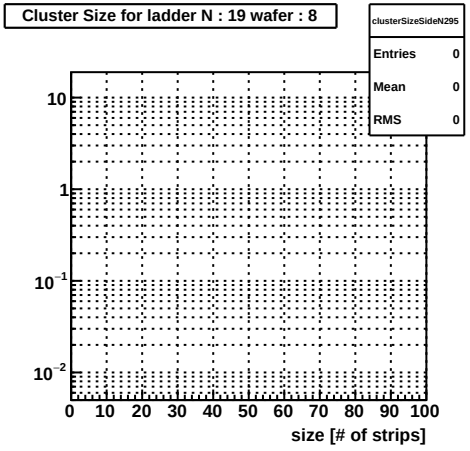

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

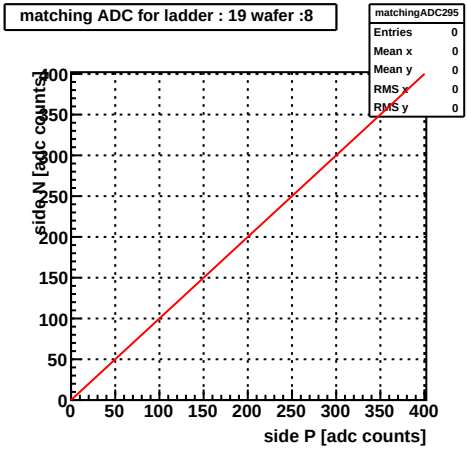

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

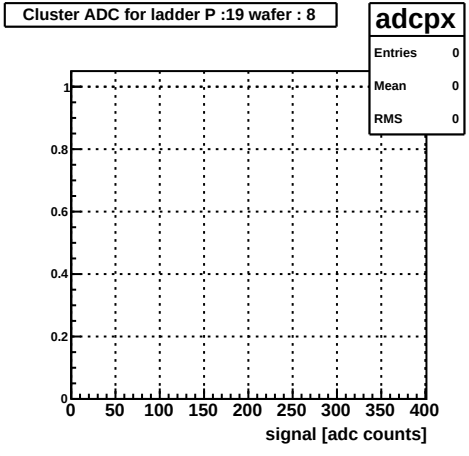

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

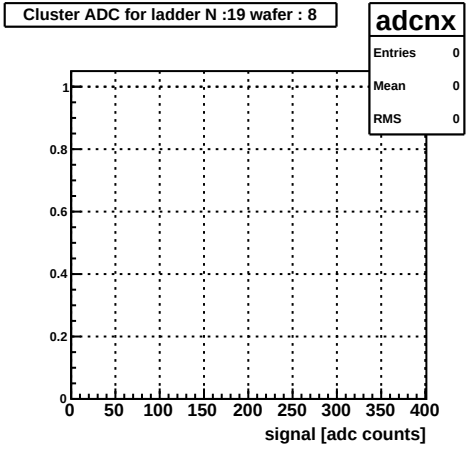

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

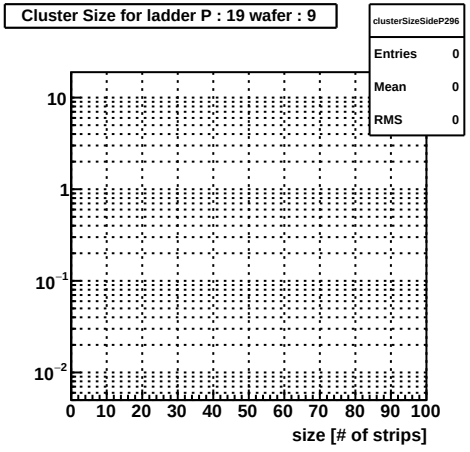

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

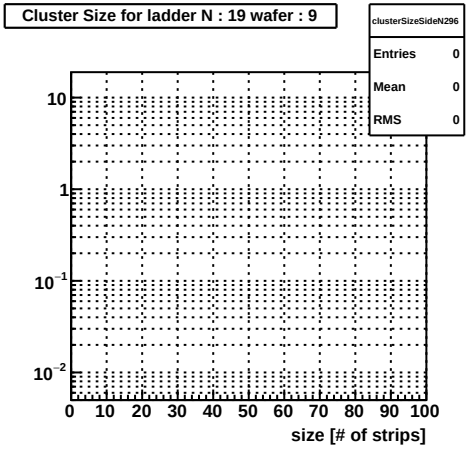

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

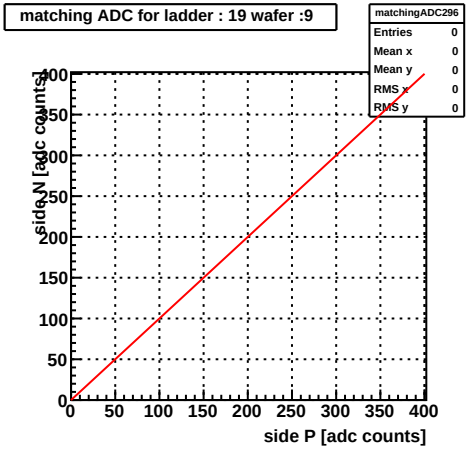

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

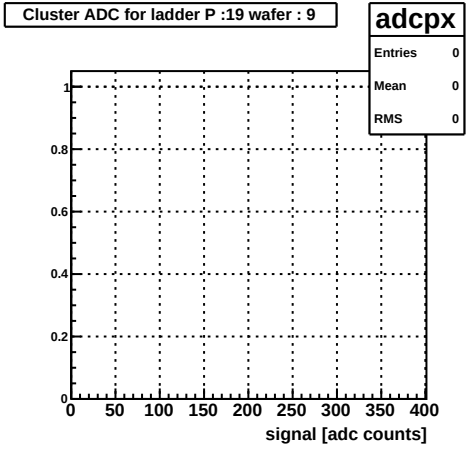

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

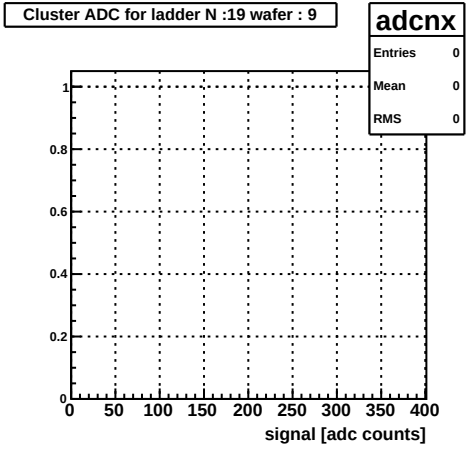

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

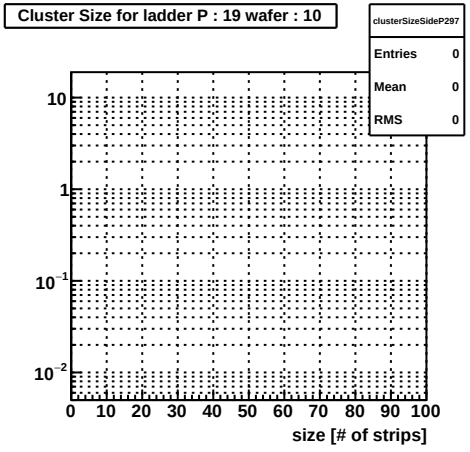

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

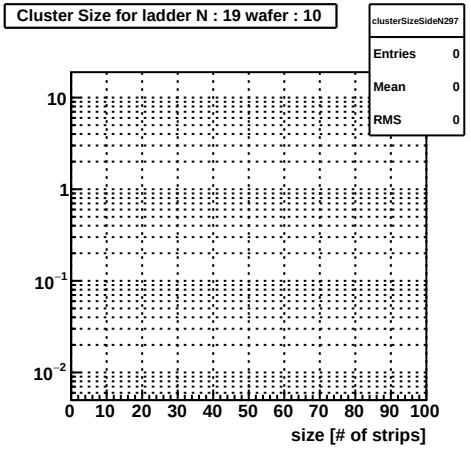

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

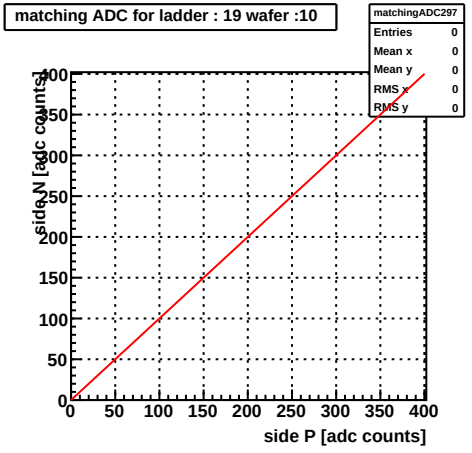

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

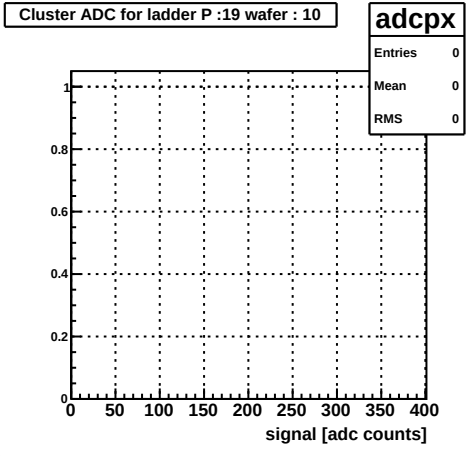

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

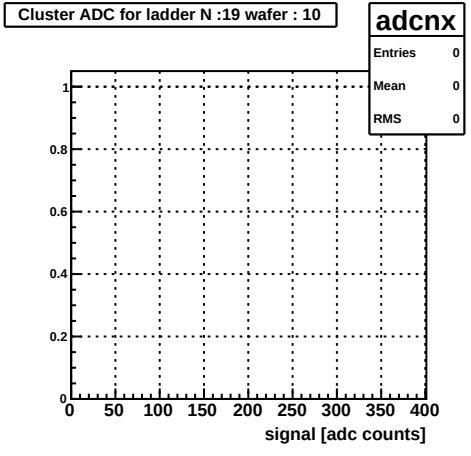

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

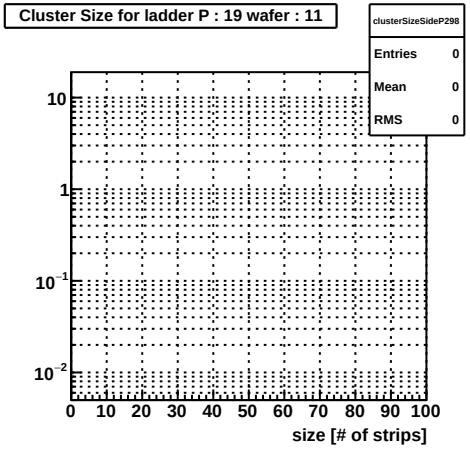

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

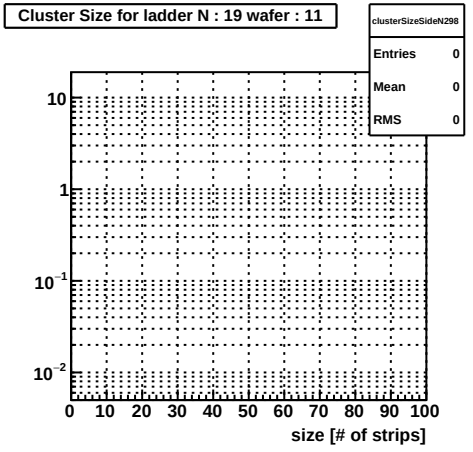

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

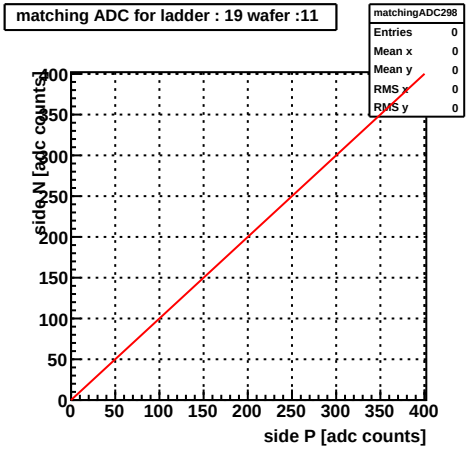

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

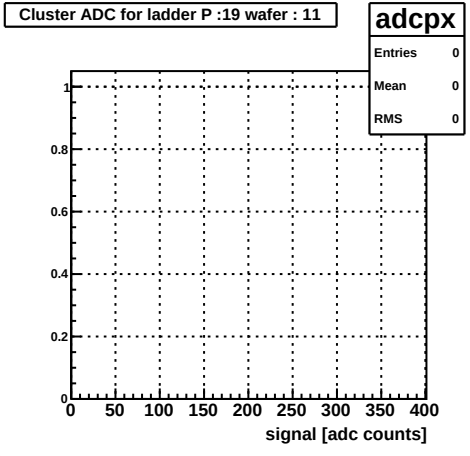

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

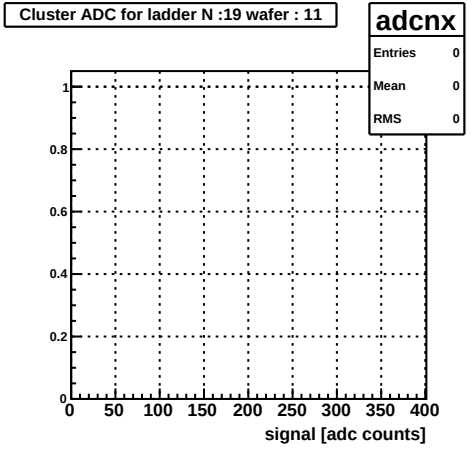

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

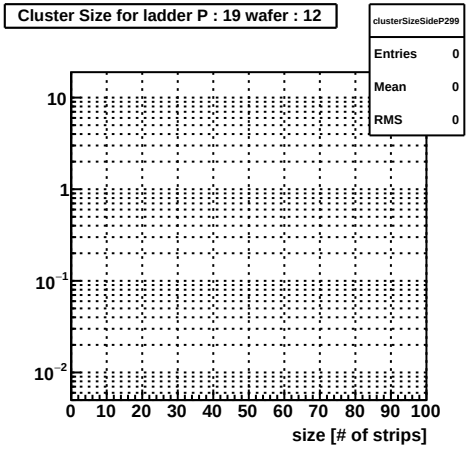

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

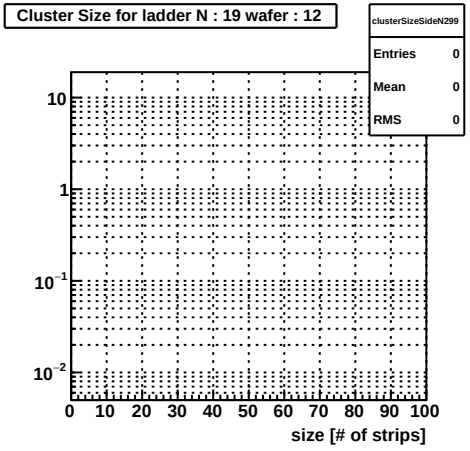

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

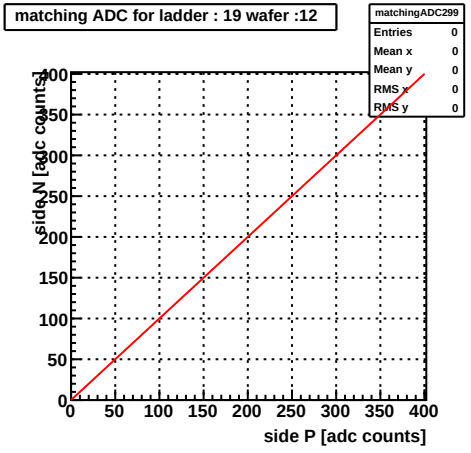

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

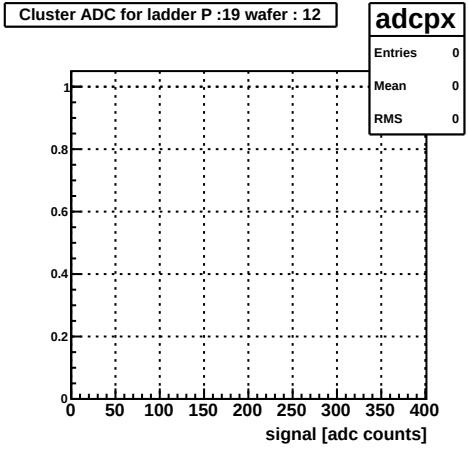

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

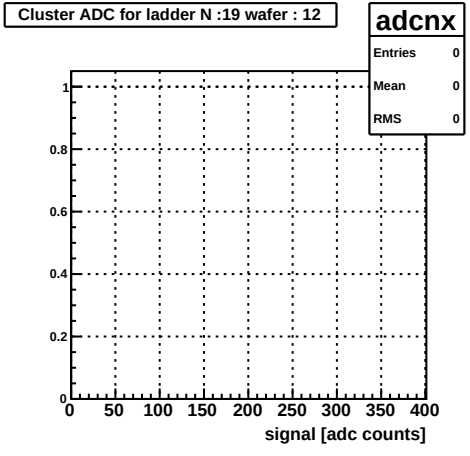

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

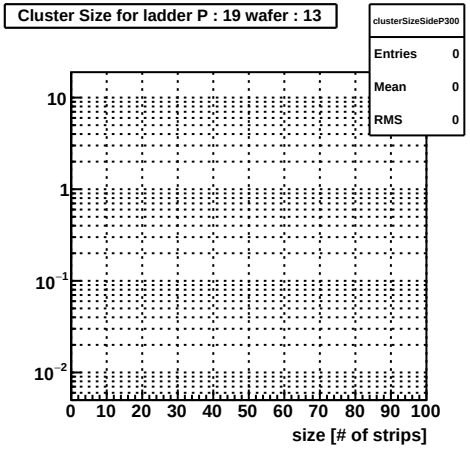

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

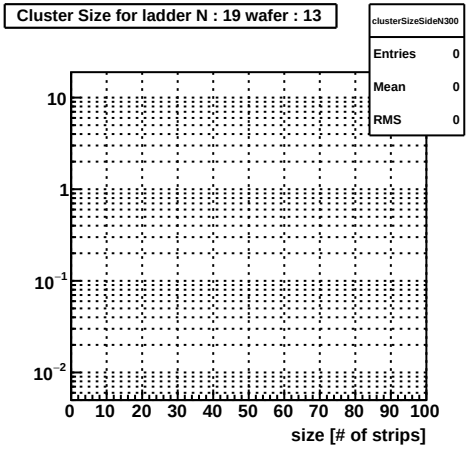

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

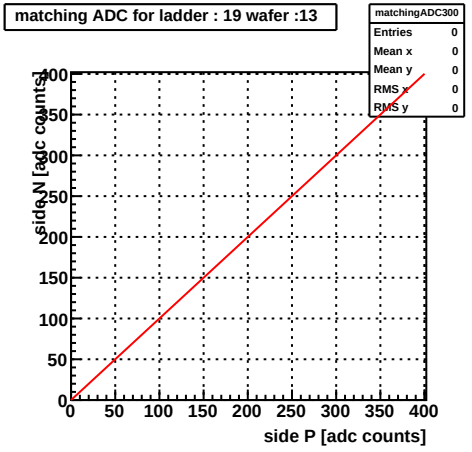

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

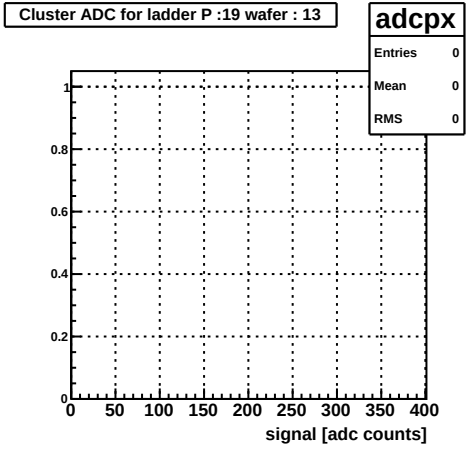

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

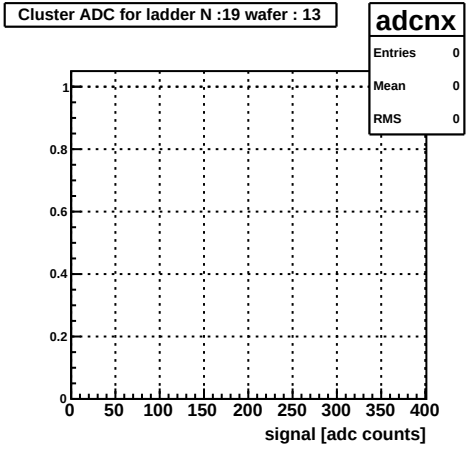

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

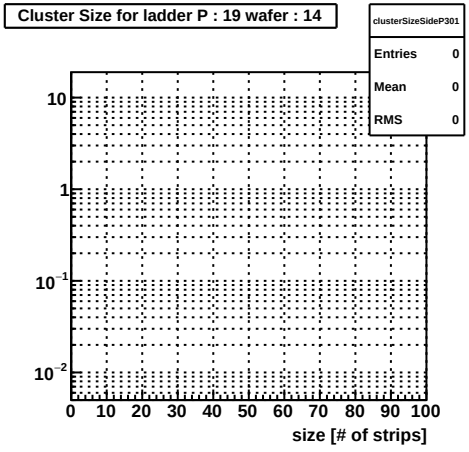

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

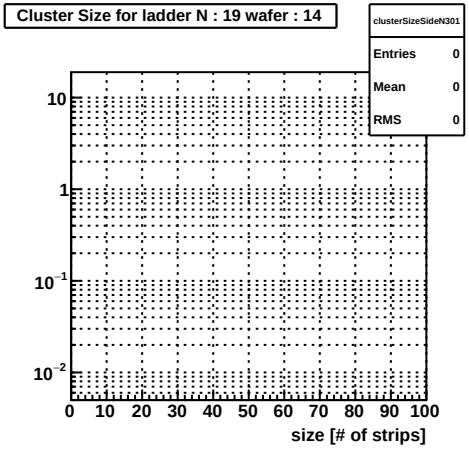

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

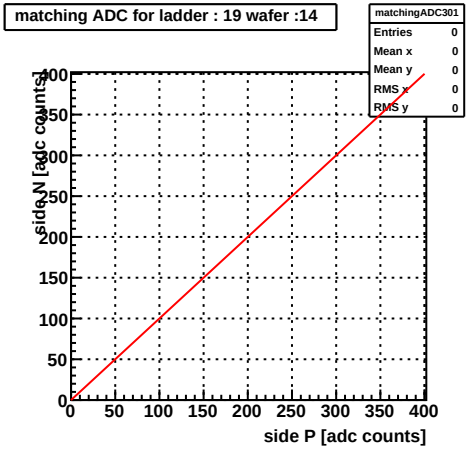

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

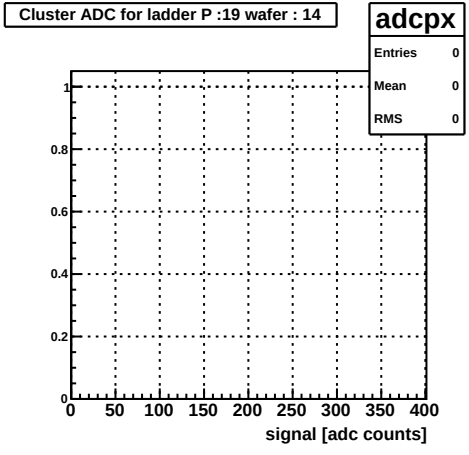

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

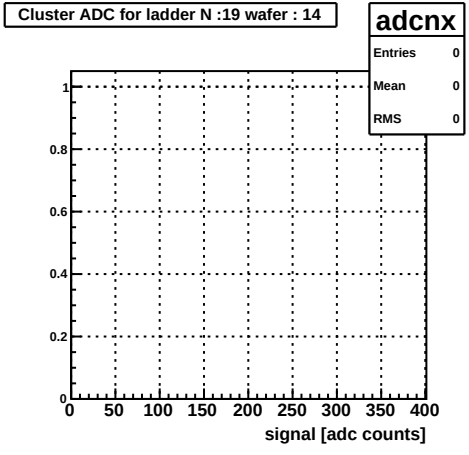

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

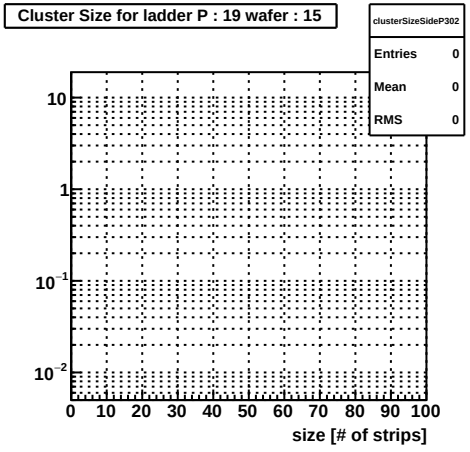

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

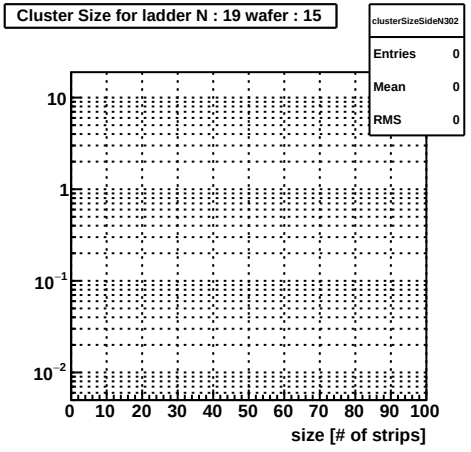

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

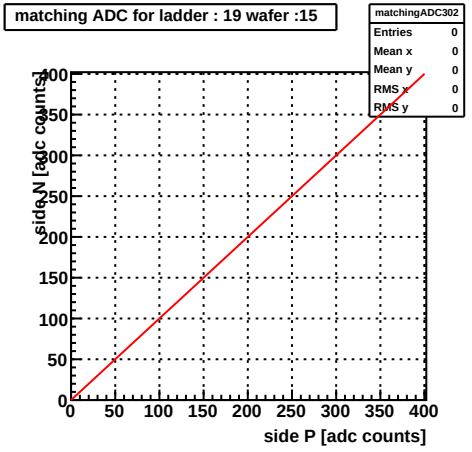

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

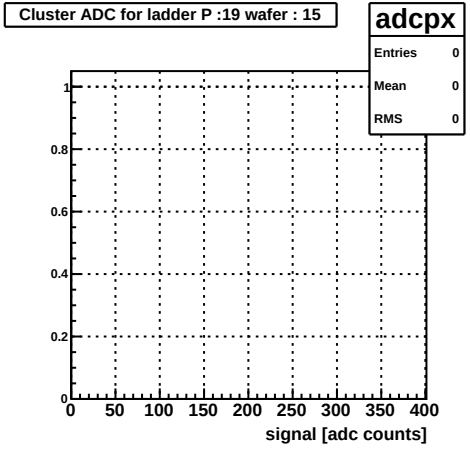

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

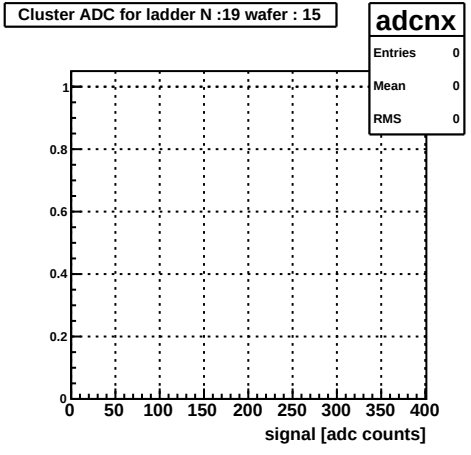

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

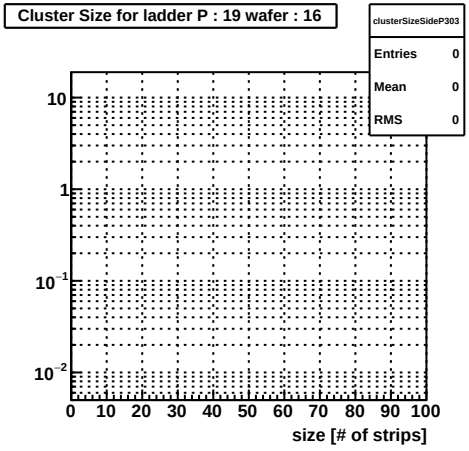

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

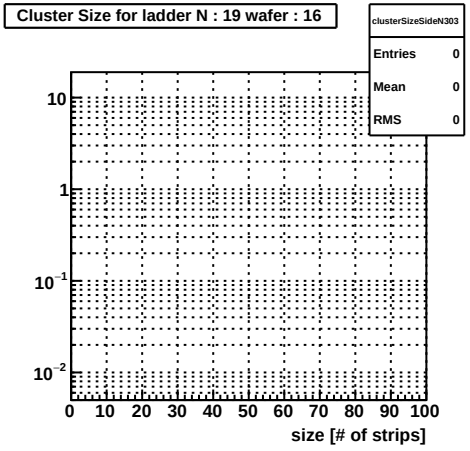

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

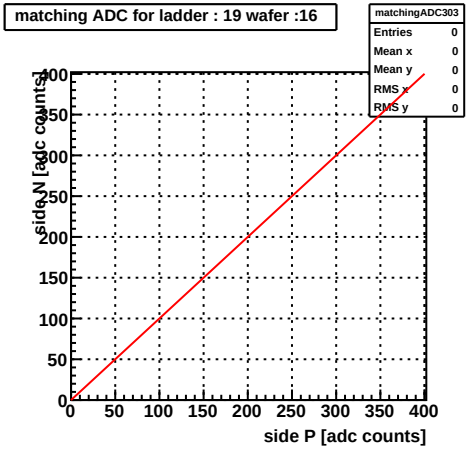

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

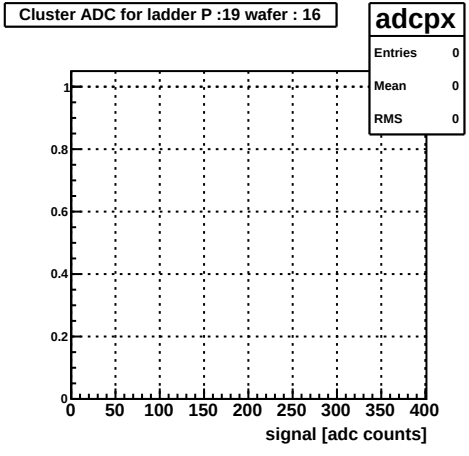

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

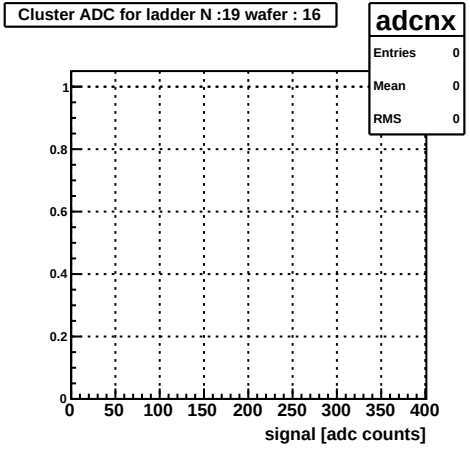

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

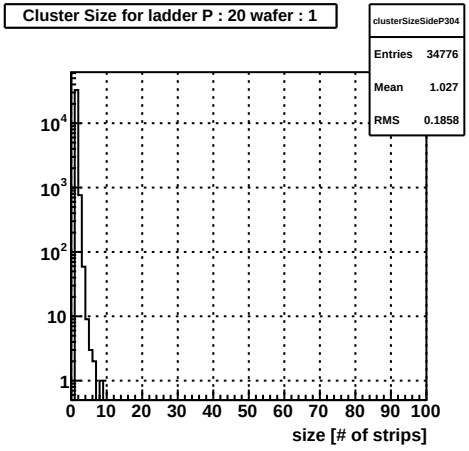

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

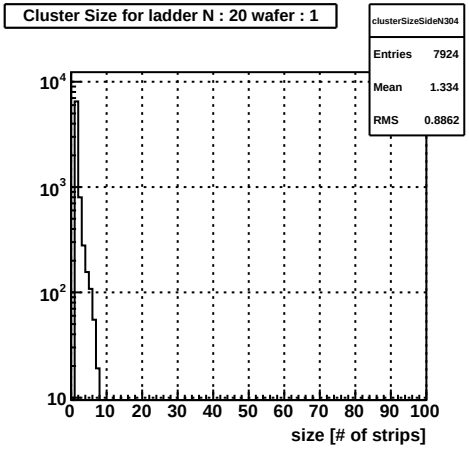

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

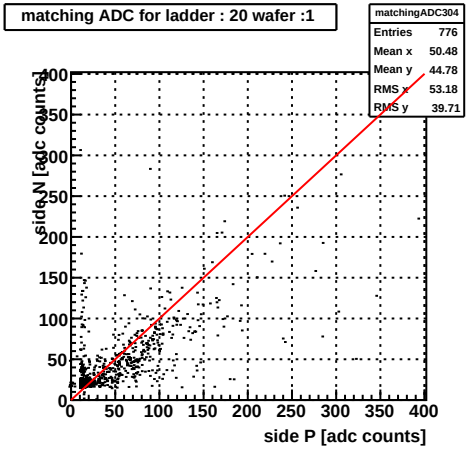

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

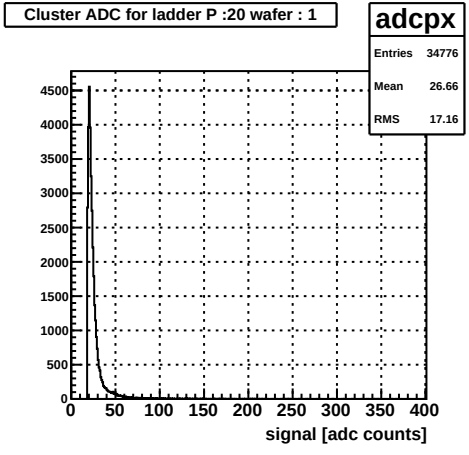

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

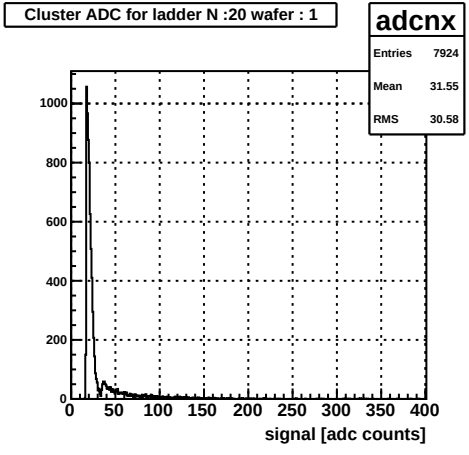

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

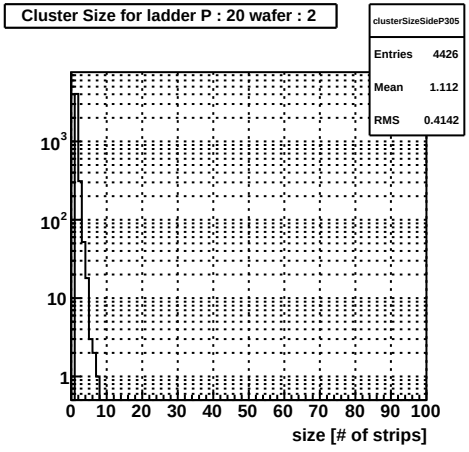

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 34776
Mean 1.027
RMS 0.1858
size [# of strips]

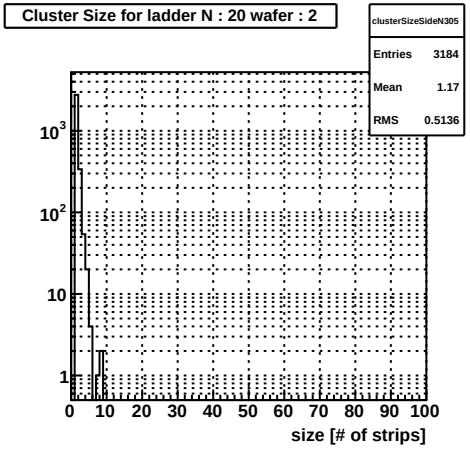

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 7924
Mean 1.334
RMS 0.8862
size [# of strips]

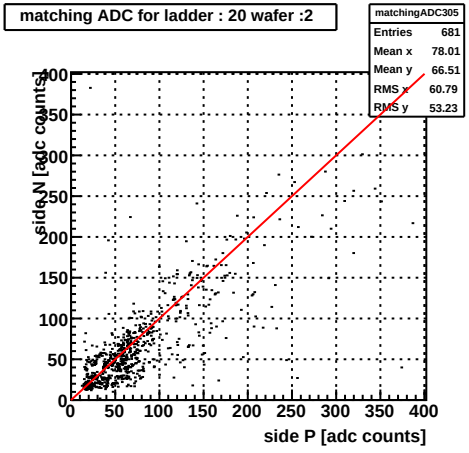

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 776
Mean x 50.48
Mean y 44.78
RMS x 53.18
RMS y 39.71
side N [adc counts]
side P [adc counts]

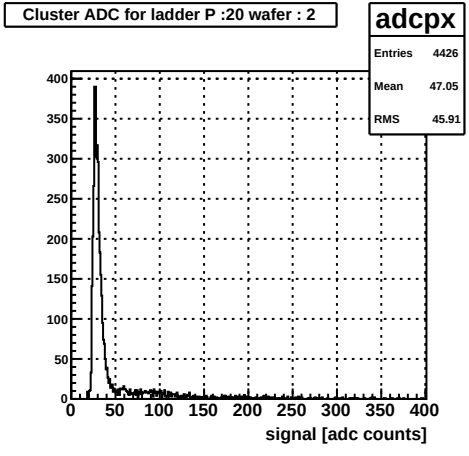

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 34776
Mean 26.66
RMS 17.16
signal [adc counts]

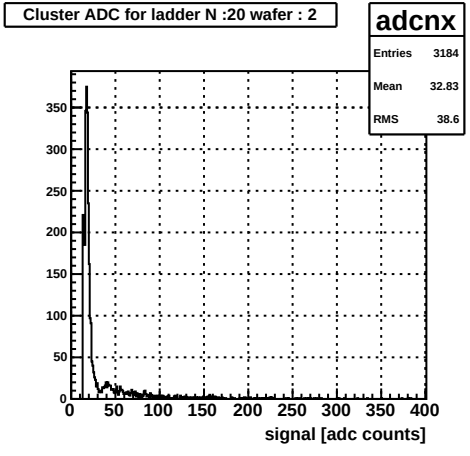

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 7924
Mean 31.55
RMS 30.58
signal [adc counts]

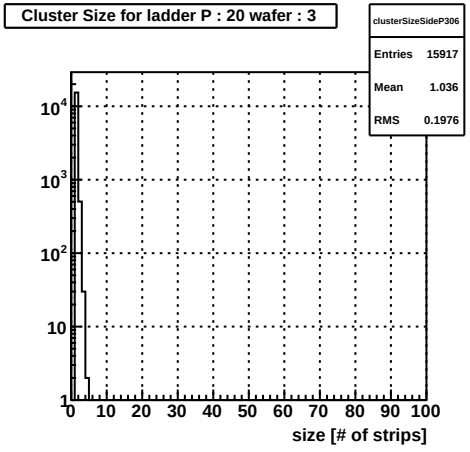

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 4426
Mean 1.112
RMS 0.4142
size [# of strips]

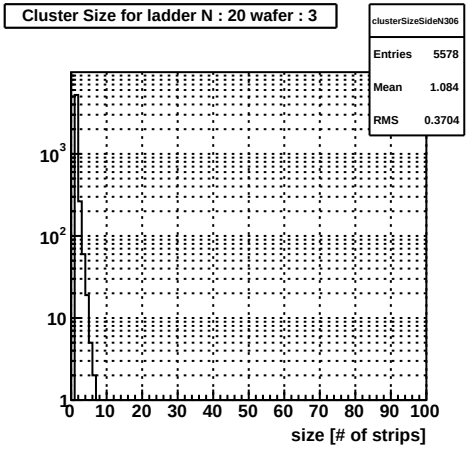

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3184
Mean 1.17
RMS 0.5136
size [# of strips]

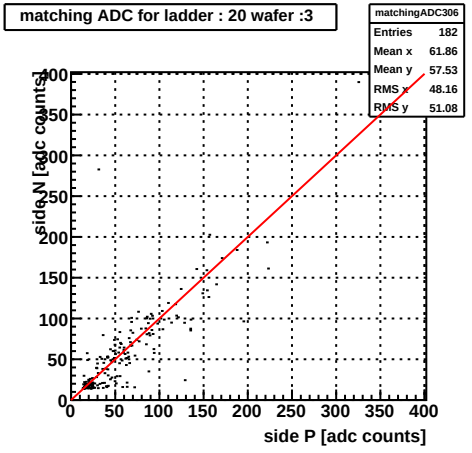

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 681
Mean x 78.01
Mean y 66.51
RMS x 60.79
RMS y 53.23
side N [adc counts]
side P [adc counts]

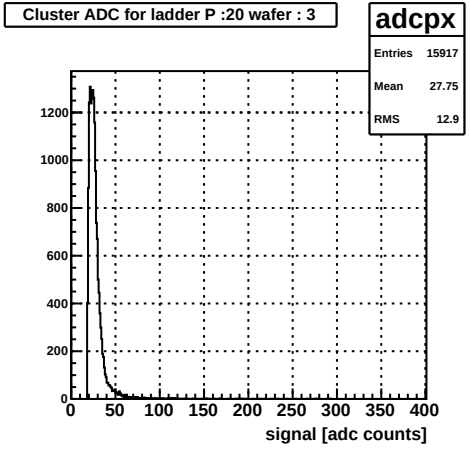

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 4426
Mean 47.05
RMS 45.91
signal [adc counts]

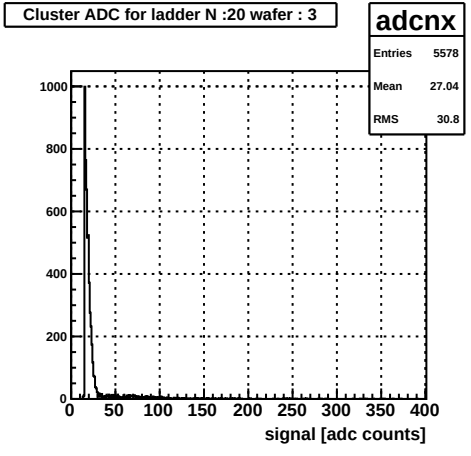

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3184
Mean 32.83
RMS 38.6
signal [adc counts]

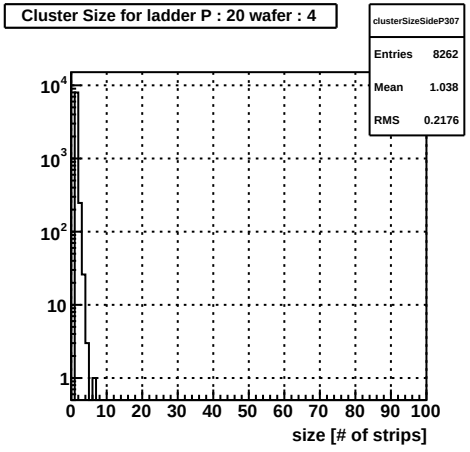

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 15917
Mean 1.036
RMS 0.1976
size [# of strips]

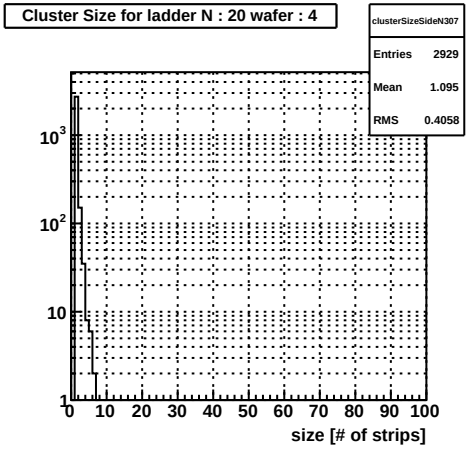

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5578
Mean 1.084
RMS 0.3704
size [# of strips]

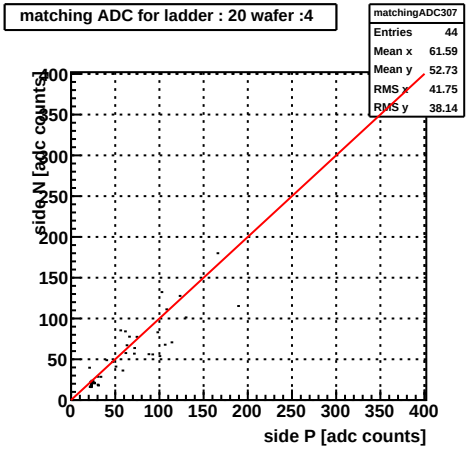

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 182
Mean x 61.86
Mean y 57.53
RMS x 48.16
RMS y 51.08
side N [adc counts]
side P [adc counts]

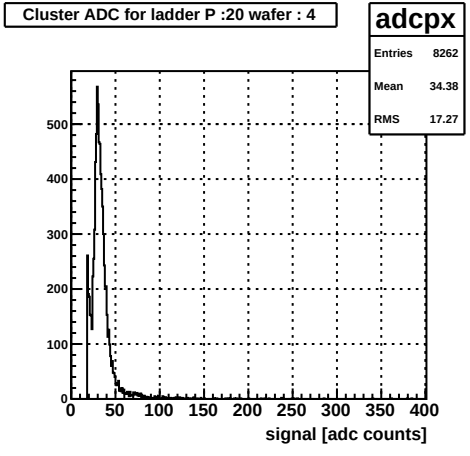

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 15917
Mean 27.75
RMS 12.9
signal [adc counts]

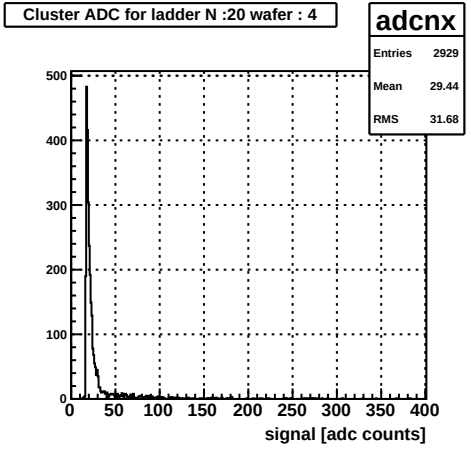

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5578
Mean 27.04
RMS 30.8
signal [adc counts]

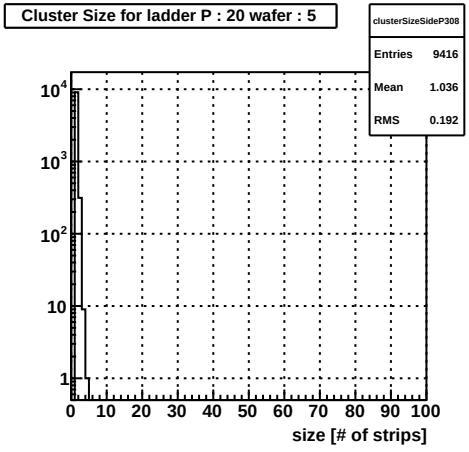

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 8262
Mean 1.038
RMS 0.2176
size [# of strips]

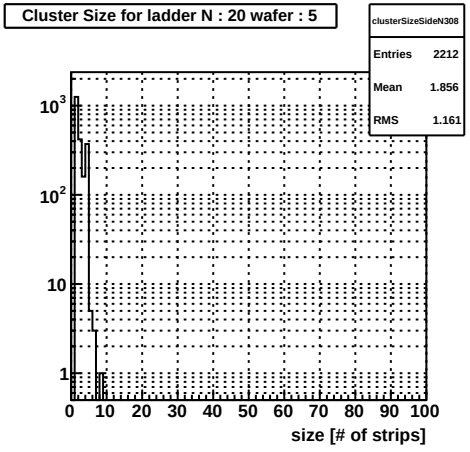

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2929
Mean 1.095
RMS 0.4058
size [# of strips]

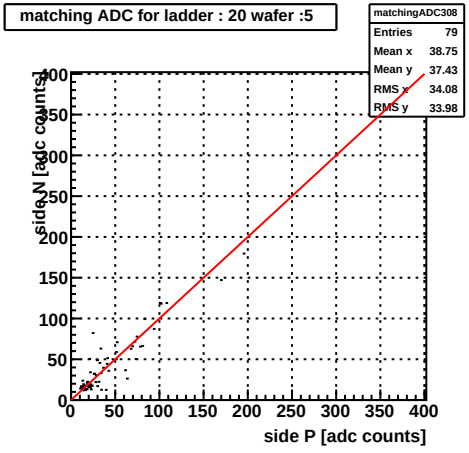

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 44
Mean x 61.59
Mean y 52.73
RMS x 41.75
RMS y 38.14
side N [adc counts]
side P [adc counts]

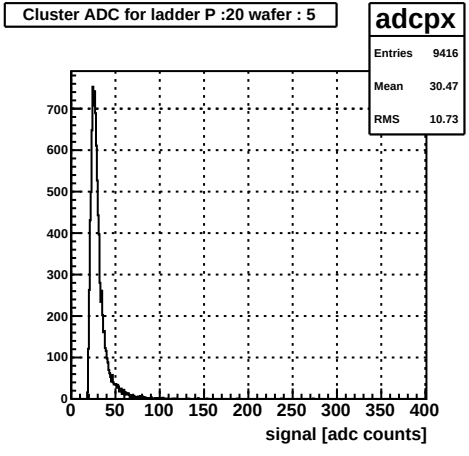

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 8262
Mean 34.38
RMS 17.27
signal [adc counts]

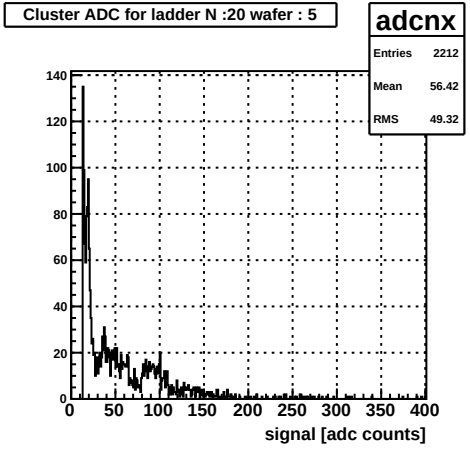

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2929
Mean 29.44
RMS 31.68
signal [adc counts]

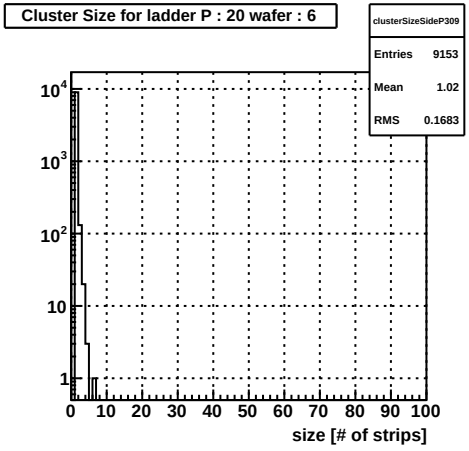

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 9416
Mean 1.036
RMS 0.192
size [# of strips]

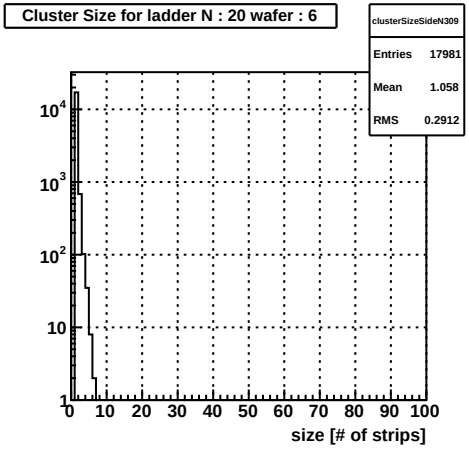

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2212
Mean 1.856
RMS 1.161
size [# of strips]

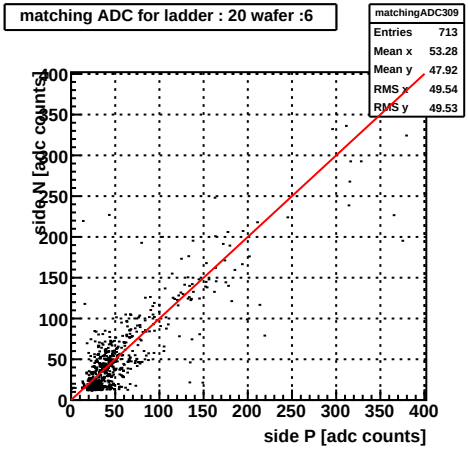

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 79
Mean x 38.75
Mean y 37.43
RMS x 34.08
RMS y 33.98
side N [adc counts]
side P [adc counts]

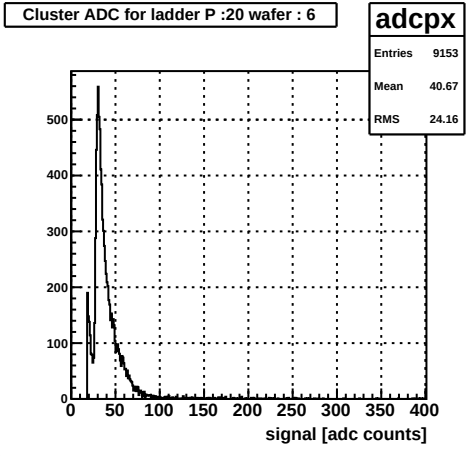

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 9416
Mean 30.47
RMS 10.73
signal [adc counts]

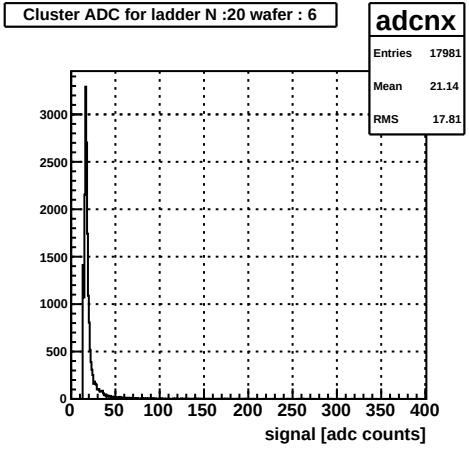

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2212
Mean 56.42
RMS 49.32
signal [adc counts]

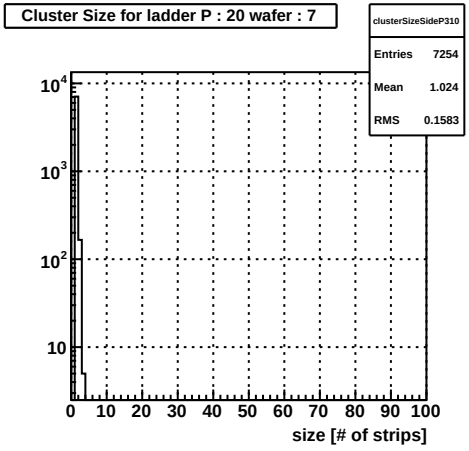

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 9153
Mean 1.02
RMS 0.1683
size [# of strips]

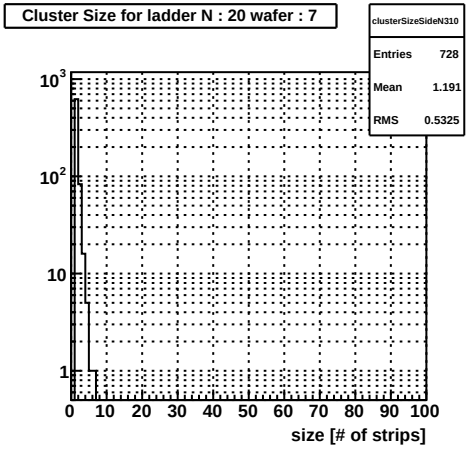

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 17981
Mean 1.058
RMS 0.2912
size [# of strips]

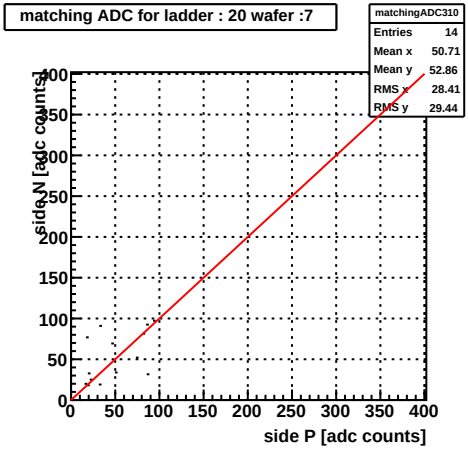

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 713
Mean x 53.28
Mean y 47.92
RMS x 49.54
RMS y 49.53
side N [adc counts]
side P [adc counts]

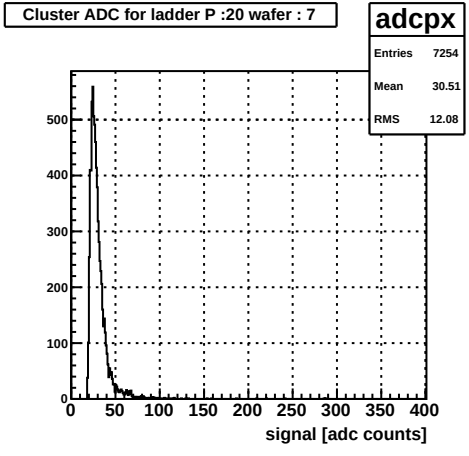

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 9153
Mean 40.67
RMS 24.16
signal [adc counts]

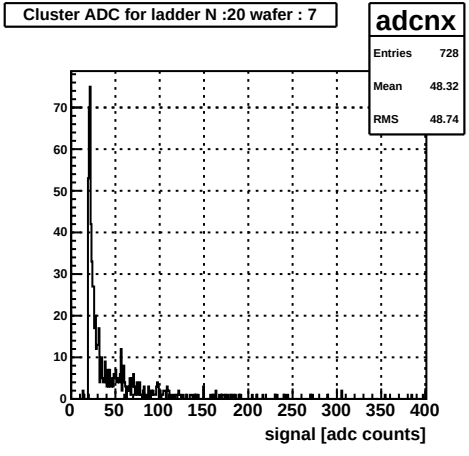

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 17981
Mean 21.14
RMS 17.81
signal [adc counts]

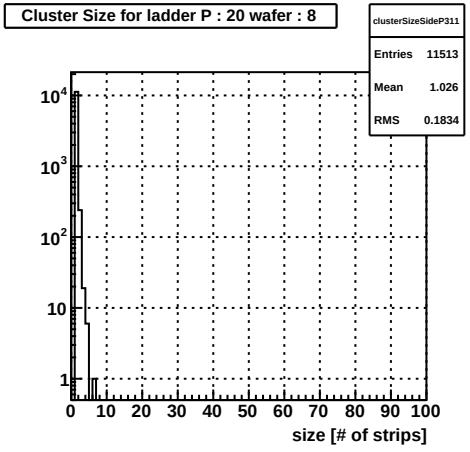

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 7254
Mean 1.024
RMS 0.1583
size [# of strips]

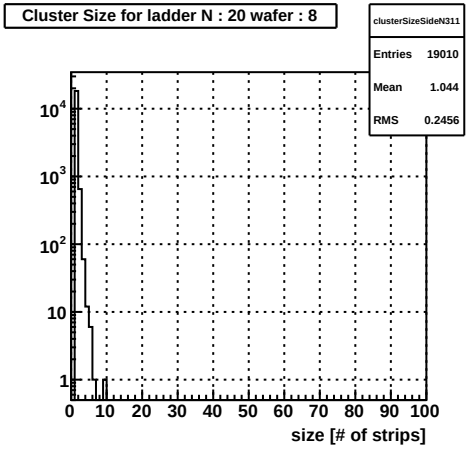

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 728
Mean 1.191
RMS 0.5325
size [# of strips]

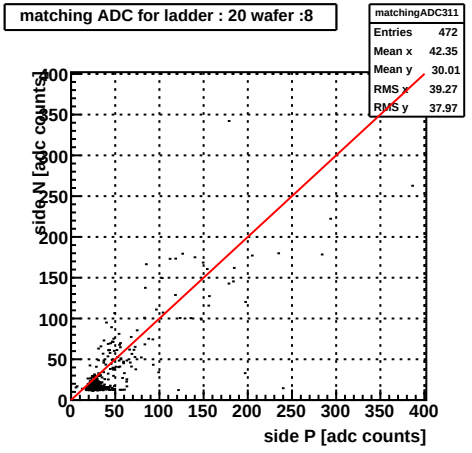

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 14
Mean x 50.71
Mean y 52.86
RMS x 28.41
RMS y 29.44
side N [adc counts]
side P [adc counts]

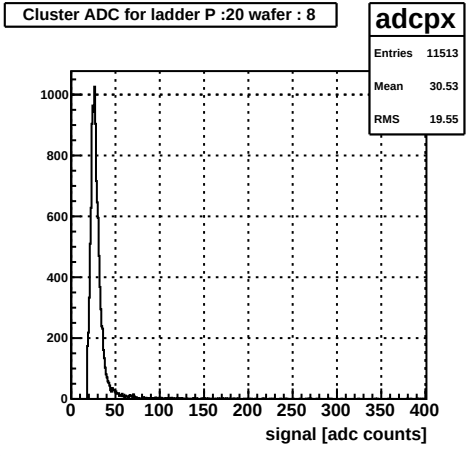

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 7254
Mean 30.51
RMS 12.08
signal [adc counts]

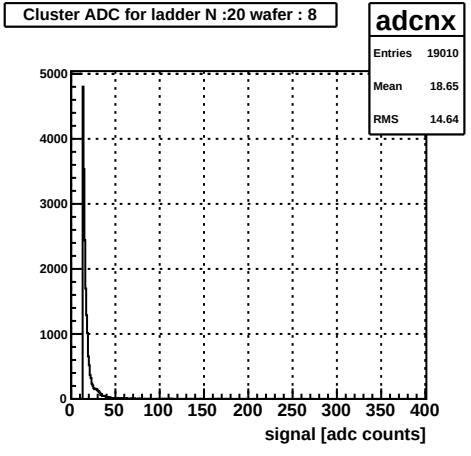

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 728
Mean 48.32
RMS 48.74
signal [adc counts]

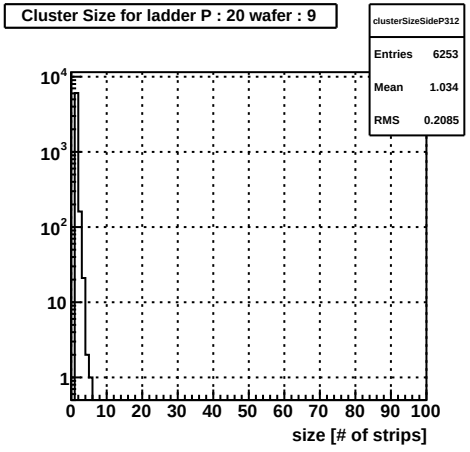

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 11513
Mean 1.026
RMS 0.1834
size [# of strips]

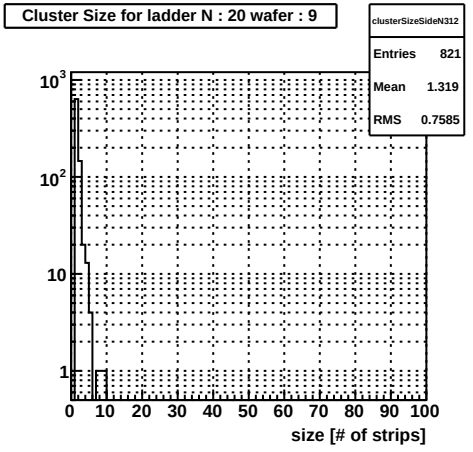

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 19010
Mean 1.044
RMS 0.2456
size [# of strips]

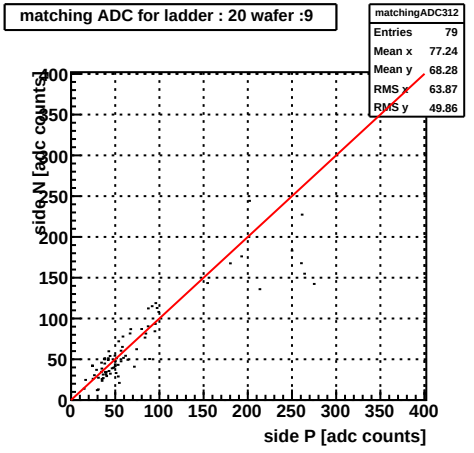

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 472
Mean x 42.35
Mean y 30.01
RMS x 39.27
RMS y 37.97
side N [adc counts]
side P [adc counts]

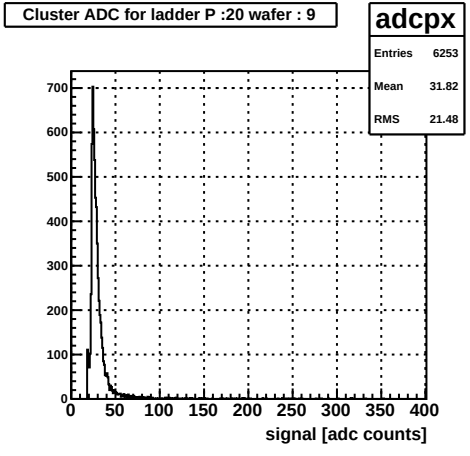

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 11513
Mean 30.53
RMS 19.55
signal [adc counts]

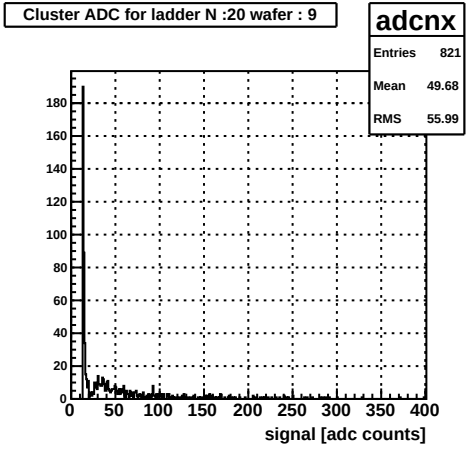

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 19010
Mean 18.65
RMS 14.64
signal [adc counts]

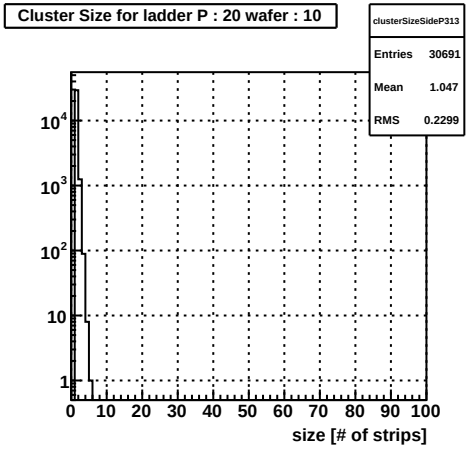

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 6253
Mean 1.034
RMS 0.2085
size [# of strips]

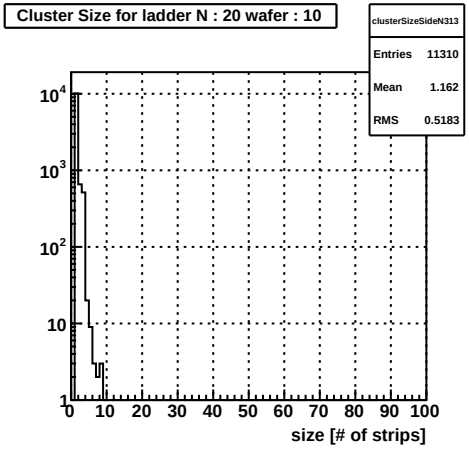

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 821
Mean 1.319
RMS 0.7585
size [# of strips]

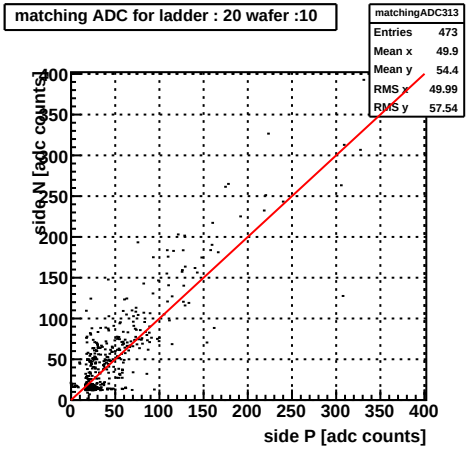

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 79
Mean x 77.24
Mean y 68.28
RMS x 63.87
RMS y 49.86
side N [adc counts]
side P [adc counts]

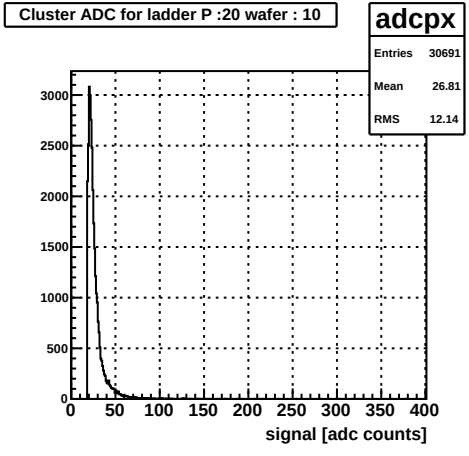

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 6253
Mean 31.82
RMS 21.48
signal [adc counts]

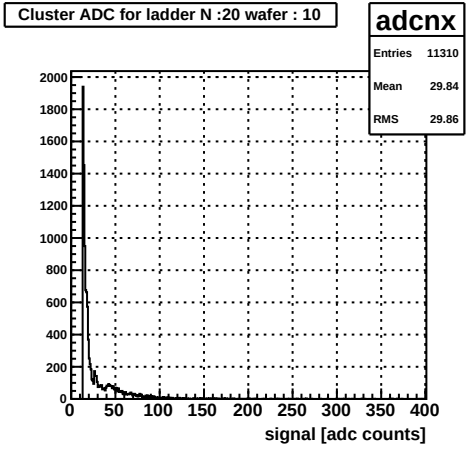

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 821
Mean 49.68
RMS 55.99
signal [adc counts]

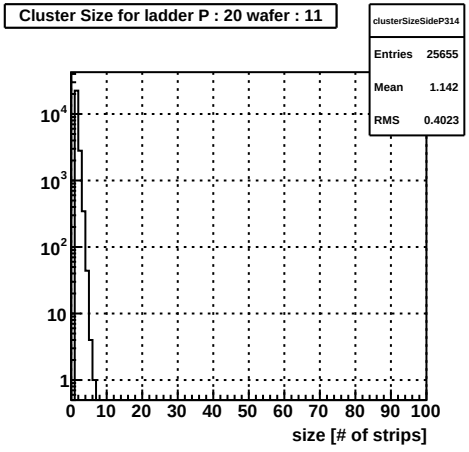

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 30691
Mean 1.047
RMS 0.2299
size [# of strips]

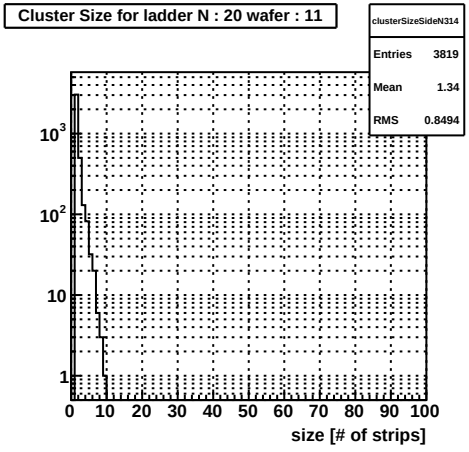

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 11310
Mean 1.162
RMS 0.5183
size [# of strips]

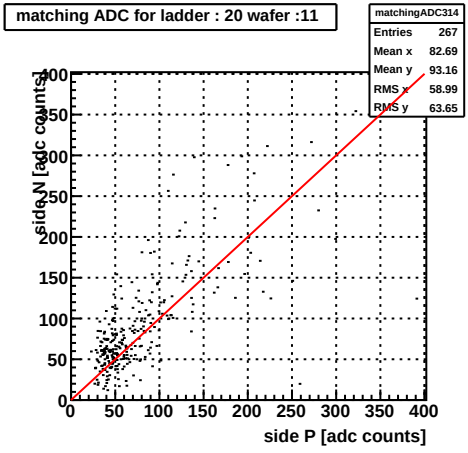

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 473
Mean x 49.9
Mean y 54.4
RMS x 49.99
RMS y 57.54
side N [adc counts]
side P [adc counts]

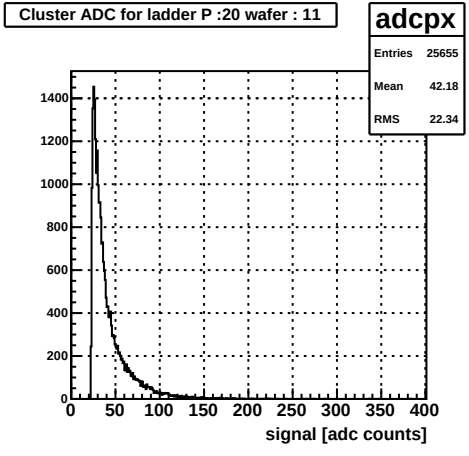

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 30691
Mean 26.81
RMS 12.14
signal [adc counts]

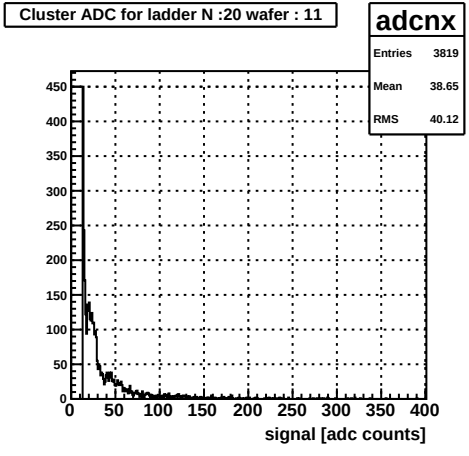

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 11310
Mean 29.84
RMS 29.86
signal [adc counts]

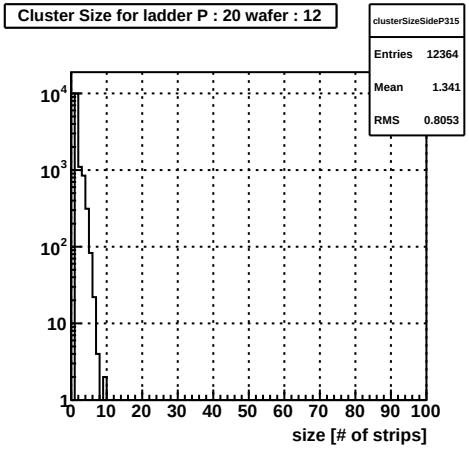

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 25655
Mean 1.142
RMS 0.4023
size [# of strips]

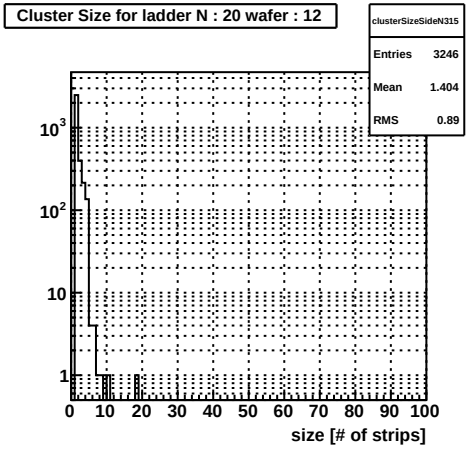

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3819
Mean 1.34
RMS 0.8494
size [# of strips]

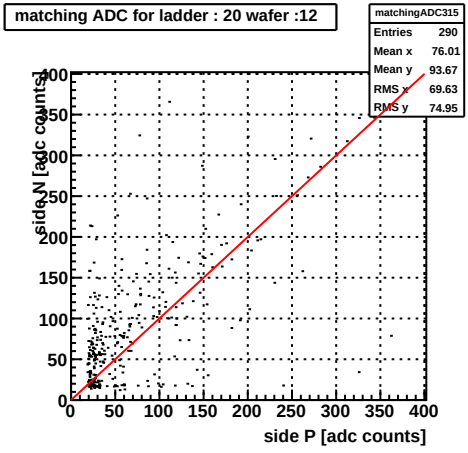

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 267
Mean x 82.69
Mean y 93.16
RMS x 58.99
RMS y 63.65
side N [adc counts]
side P [adc counts]

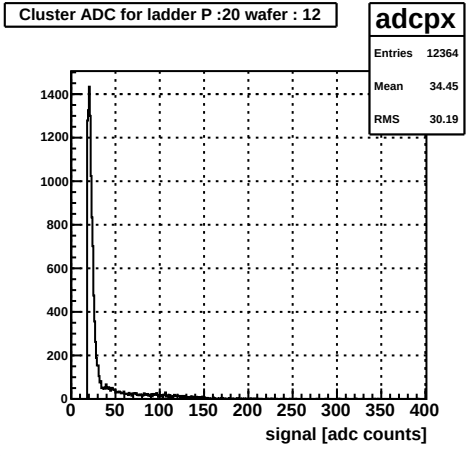

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 25655
Mean 42.18
RMS 22.34
signal [adc counts]

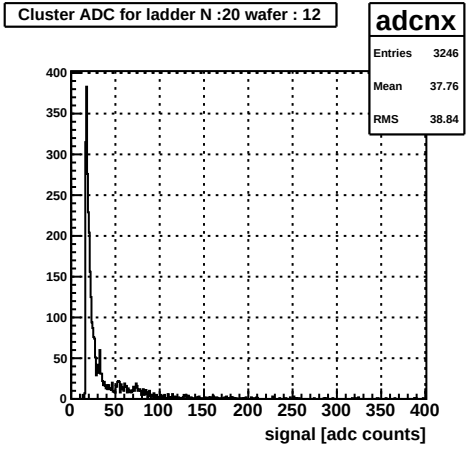

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3819
Mean 38.65
RMS 40.12
signal [adc counts]

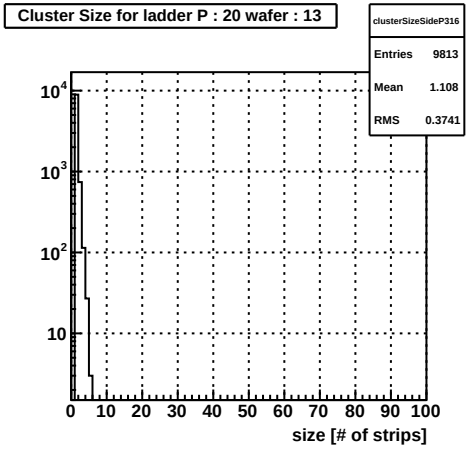

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 12364
Mean 1.341
RMS 0.8053
size [# of strips]

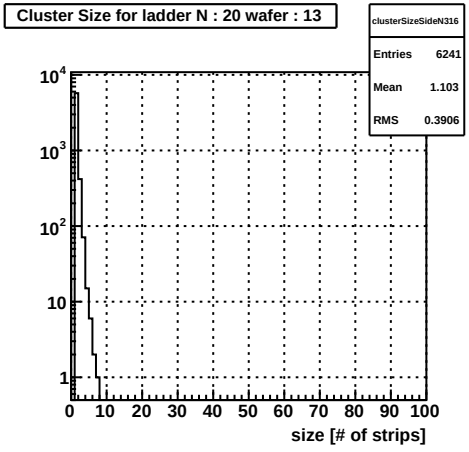

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 3246
Mean 1.404
RMS 0.89
size [# of strips]

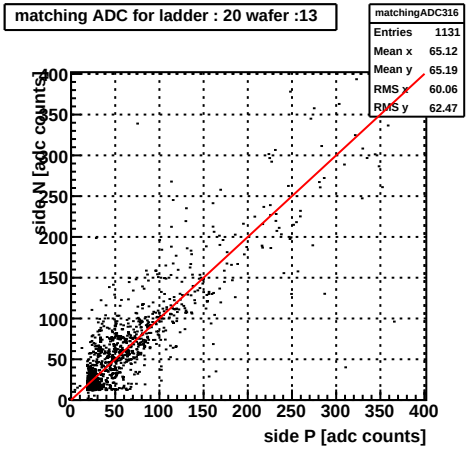

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 290
Mean x 76.01
Mean y 93.67
RMS x 69.63
RMS y 74.95
side N [adc counts]
side P [adc counts]

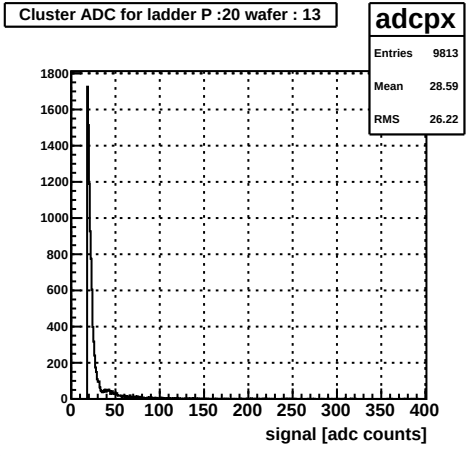

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 12364
Mean 34.45
RMS 30.19
signal [adc counts]

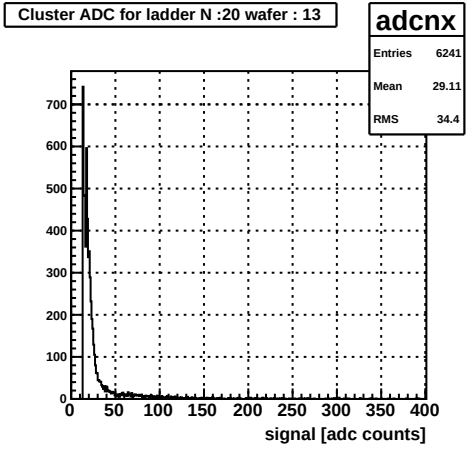

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 3246
Mean 37.76
RMS 38.84
signal [adc counts]

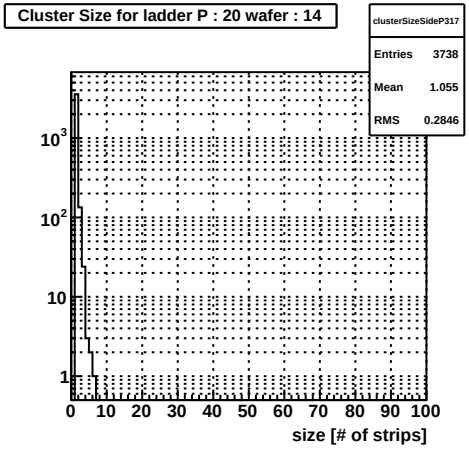

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9813
Mean 1.108
RMS 0.3741
size [# of strips]

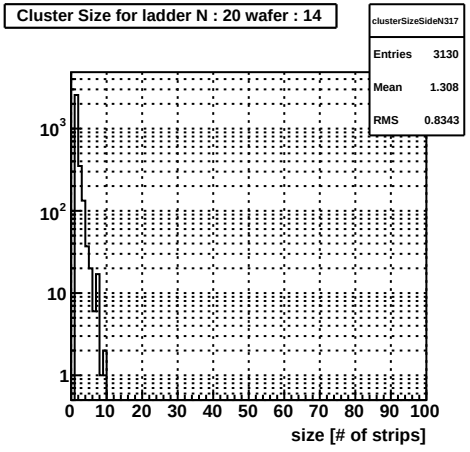

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 6241
Mean 1.103
RMS 0.3906
size [# of strips]

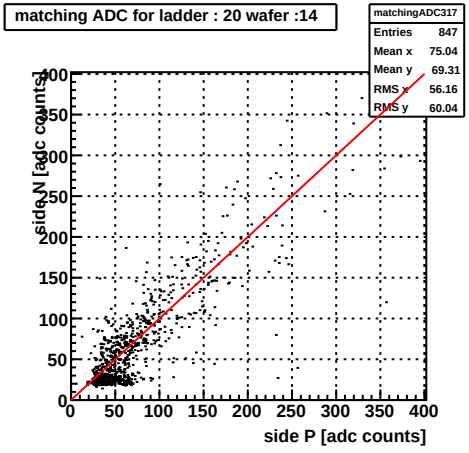

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1131
Mean x 65.12
Mean y 65.19
RMS x 60.06
RMS y 62.47
side N [adc counts]
side P [adc counts]

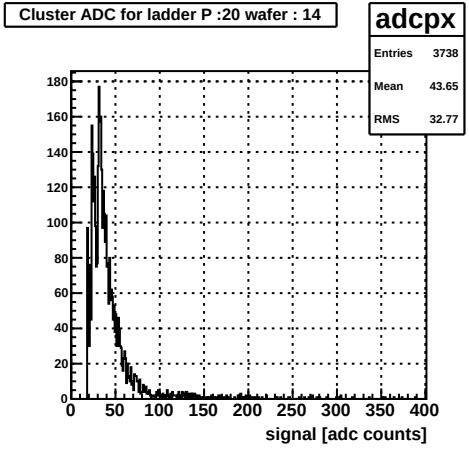

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9813
Mean 28.59
RMS 26.22
signal [adc counts]

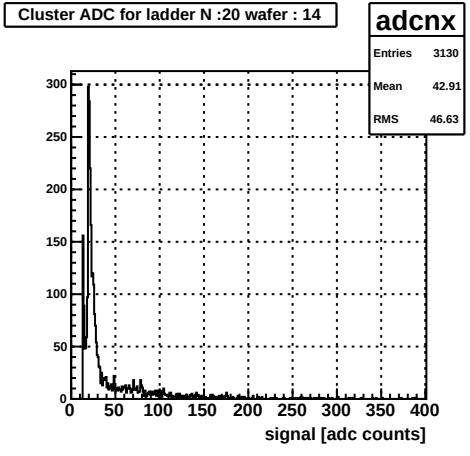

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 6241
Mean 29.11
RMS 34.4
signal [adc counts]

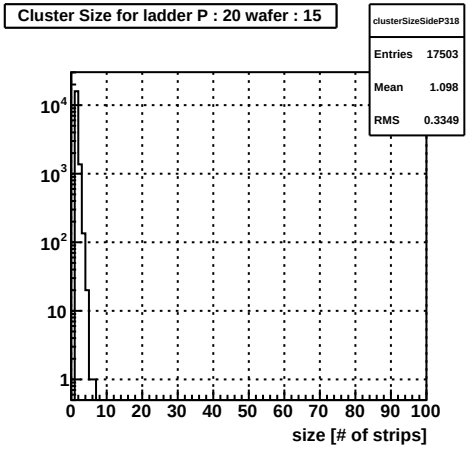

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 3738
Mean 1.055
RMS 0.2846
size [# of strips]

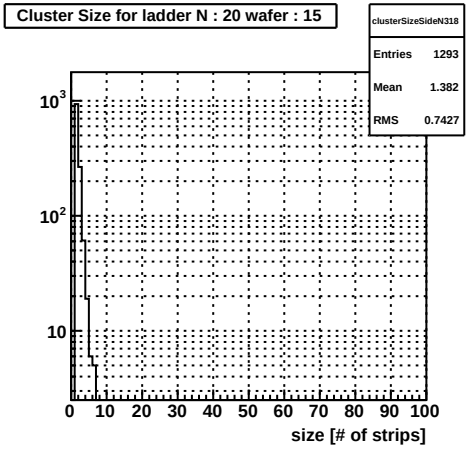

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3130
Mean 1.308
RMS 0.8343
size [# of strips]

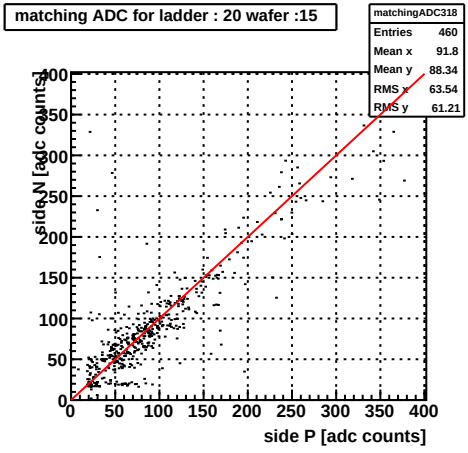

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 847
Mean x 75.04
Mean y 69.31
RMS x 56.16
RMS y 60.04
side N [adc counts]
side P [adc counts]

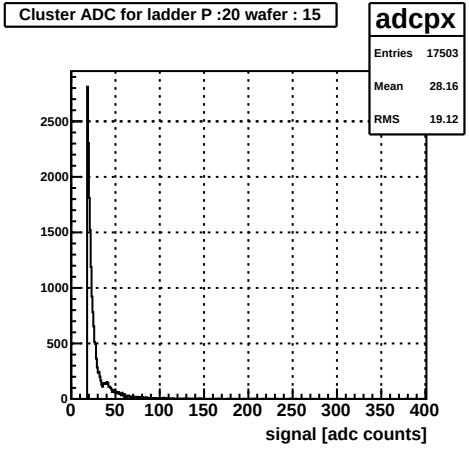

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 3738
Mean 43.65
RMS 32.77
signal [adc counts]

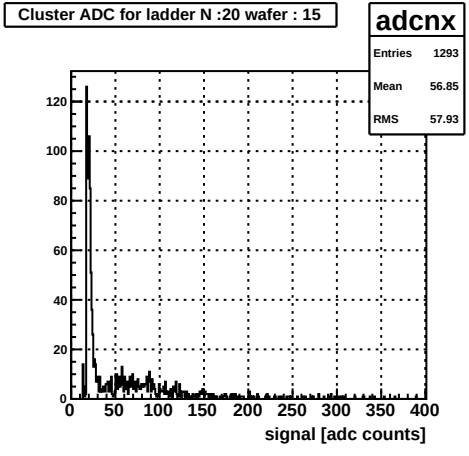

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3130
Mean 42.91
RMS 46.63
signal [adc counts]

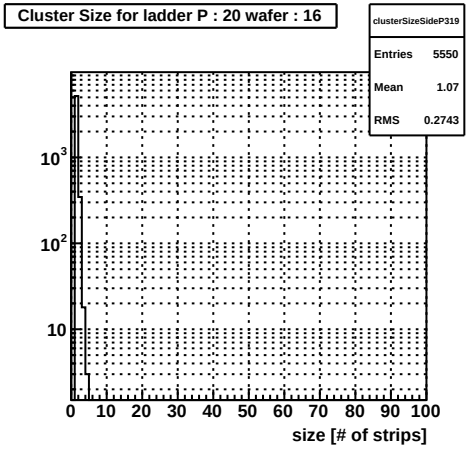

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 17503
Mean 1.098
RMS 0.3349
size [# of strips]

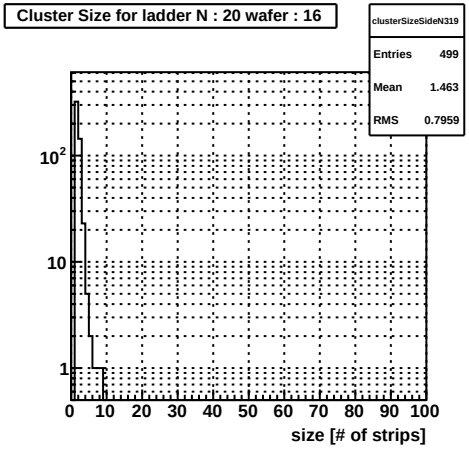

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1293
Mean 1.382
RMS 0.7427
size [# of strips]

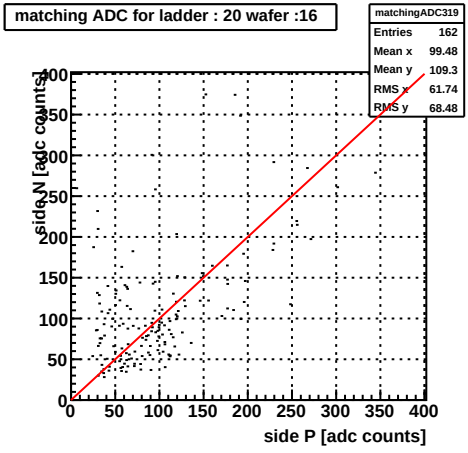

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 460
Mean x 91.8
Mean y 88.34
RMS x 63.54
RMS y 61.21
side N [adc counts]
side P [adc counts]

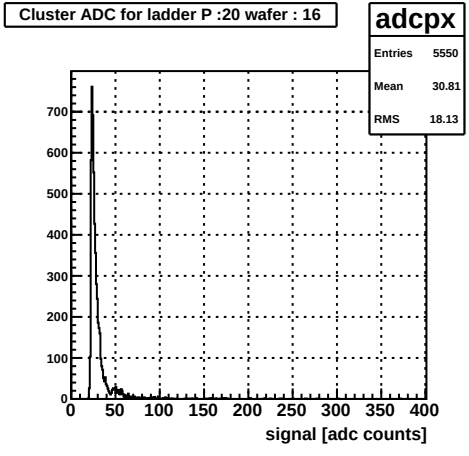

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 17503
Mean 28.16
RMS 19.12
signal [adc counts]

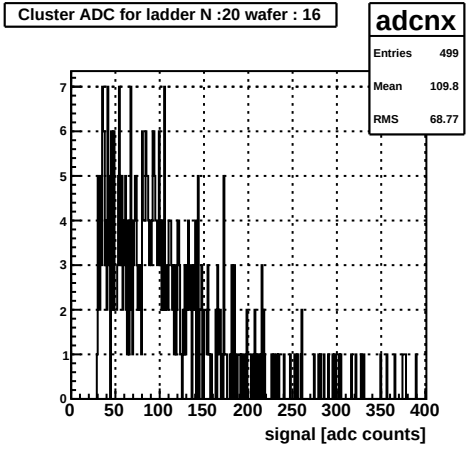

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1293
Mean 56.85
RMS 57.93
signal [adc counts]

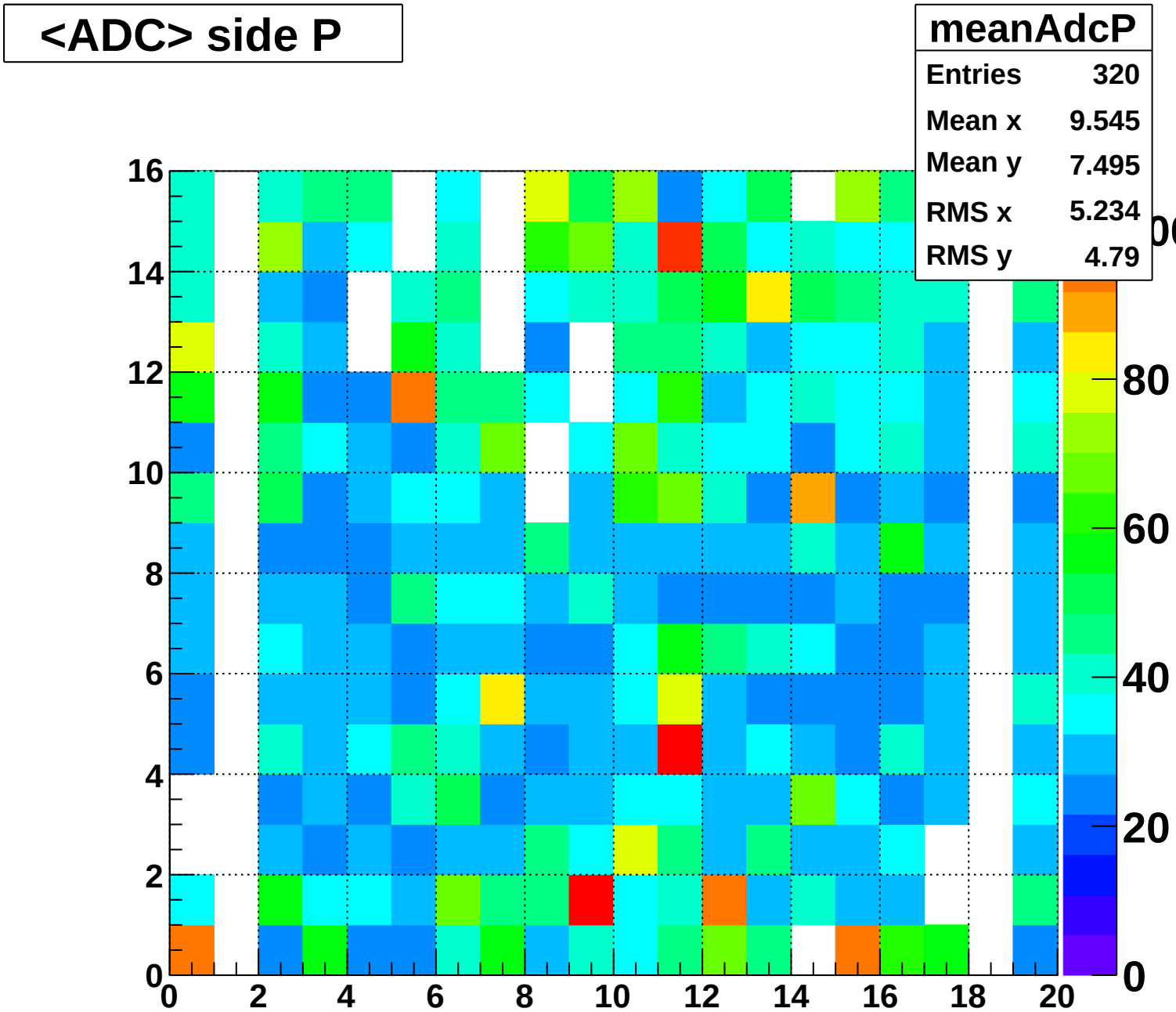

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 5550
Mean 1.07
RMS 0.2743
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 499
Mean 1.463
RMS 0.7959
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 162
Mean x 99.48
Mean y 109.3
RMS x 61.74
RMS y 68.48
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 5550
Mean 30.81
RMS 18.13
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 499
Mean 109.8
RMS 68.77
signal [adc counts]



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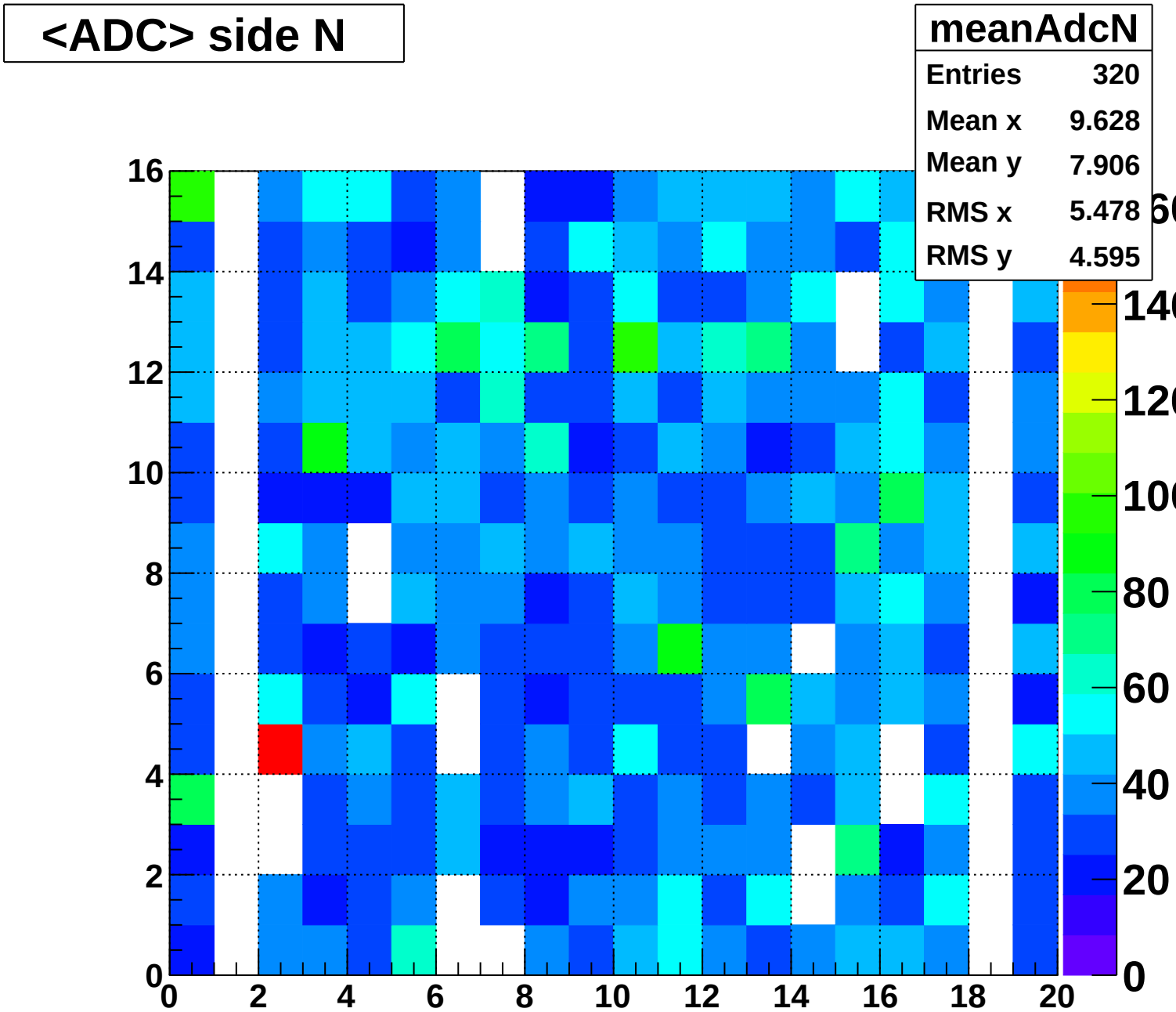

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